# THE CENTER FOR BLACK EXCELLENCE AND CULTURE



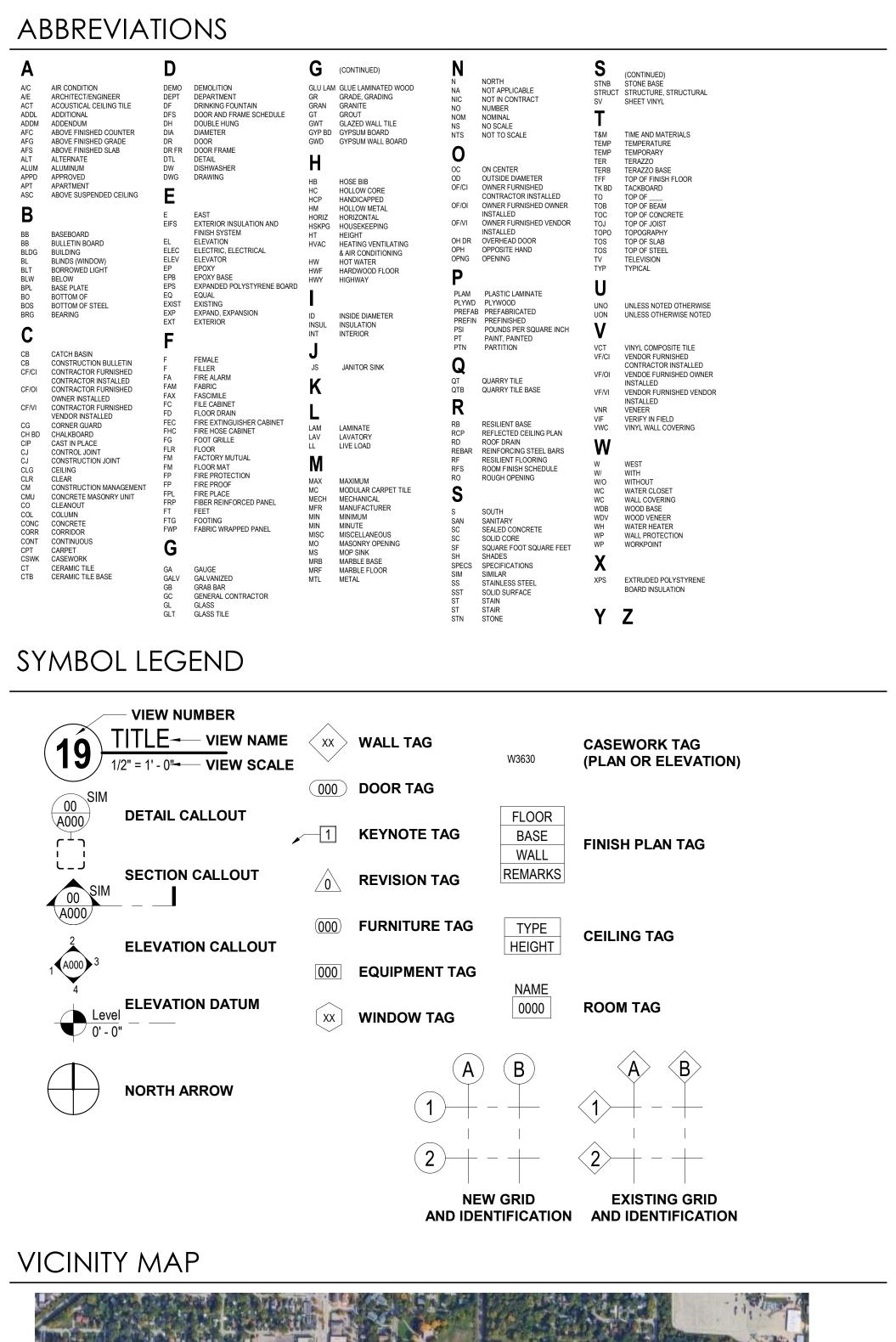
# LAND USE & DEMOLITION PERMIT SUBMITTAL

JANUARY 8, 2024

## 655 & 711 W BADGER ROAD MADISON, WISCONSIN 53713









SHEET ORGANIZATION

EACH DRAWING SHEET IS BASED UPON A 30 SQUARE GRID SYSTEM, STARTING WITH '1' IN THE TOP LEFT HAND CORNER AND WORKING LEFT-TO-RIGHT AND TOP-TO-BOTTOM TO '30' IN THE BOTTOM RIGHT HAND CORNER, EXAMPLE BELOW:

1	2	3	4	5	6	
7	8	9	10	11	12	0 C K
13	14	15	16	17	18	TITLEBLO
19	20	21	22	23	24	F
25	26	27	28	29	30	

## PROJECT ADDRESS

## THE CENTER FOR BLACK EXCELLENCE AND CULTURE 655 & 711 W BADGER ROAD MADISON, WISCONSIN 53713

## OWNER INFORMATION

## CENTER FOR BLACK EXCELLENCE & CULTURE

633 W BADGER ROAD MADISON, WISCONSIN 53713

CONTACT: Dr. Alexander Gee, Jr. EMAIL: agee@theblackcenter.org MAIN: 608.217.7642

## PROJECT TEAM

## **GENERAL CONTRACTOR**

## J.H. FINDORFF & SON, INC.

300 SOUTH BEDFORD STREET MADISON, WISCONSIN 53703 CONTACT: Eric Plautz EMAIL: eplautz@findorff.com MAIN: 608.442.7370

## ARCHITECTURAL

## JLA ARCHITECTS & PLANNERS

800 WEST BROADWAY - SUITE 200 MONONA, WISCONSIN 53713 CONTACT: Joseph M. Lee EMAIL: jlee@jla-ap.com MAIN: 608.442.3860

## <u>CIVIL ENGINEERING</u>



## GRAEF-USA

1010 EAST WASHINGTON AVENUE - SUITE 202 MADISON, WISCONSIN 53703 CONTACT: Amy Larson EMAIL: amy.larson@graef-usa.com MAIN: 608.245.1962

## LANDSCAPE ARCHITECTURE

		1

## SAIKI DESIGN, INC.

1110 S PARK STREET MADISON, WISCONSIN 53715 CONTACT: Ken Saiki EMAIL: ksaiki@saiki.design MAIN: 608.251.3600

## STRUCTURAL ENGINEERING

		1

## GRAEF-USA

1010 EAST WASHINGTON AVENUE - SUITE 202 MADISON, WISCONSIN 53703 CONTACT: Uriah Wolfe EMAIL: uriah.wolfe@graef-usa.com MAIN: 414.266.9083

## MEP ENGINEERING

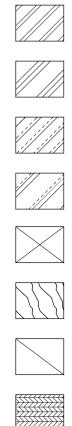
GRAEF-USA
1010 EAST WASHINGTON AVENUE - SUITE 202 MADISON, WISCONSIN 53703 CONTACT: Jason Gerke EMAIL: jason.gerke@graef-usa.com MAIN: 414.266.9238

## FOOD SERVICE

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BO	FL	TE	R
DU			

N22W23685 W RIDGEVIEW PARKWAY WAUKESHA, WISCONSIN 53188 CONTACT: Michael Toska EMAIL: mtoska@boelter.com MAIN: 414.967.4369





## SET ISSUE

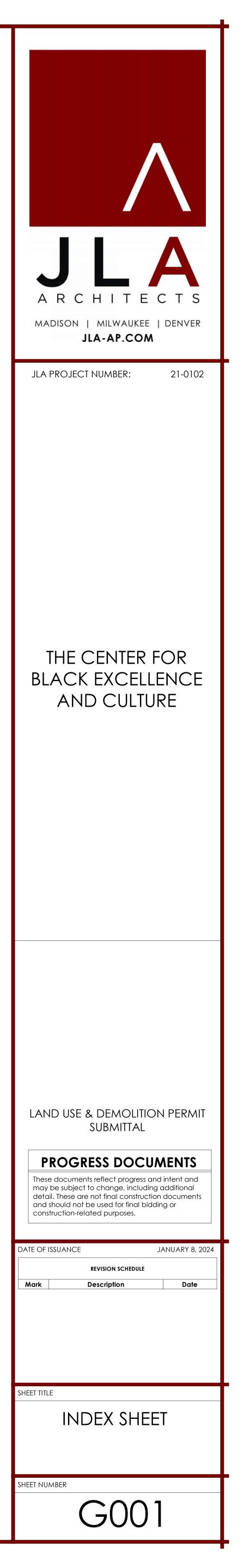
## LAND USE & DEMOLITION PERMIT SUBMITTAL JANUARY 8, 2024

## SHEET INDEX

	SHEET INDEX				SHEET INDEX		
SHEET DISCIPLINE AND		REVI	SIONS	SHEET DISCIPLINE AND		REVI	SIONS
NUMBER		Mark	Date	NUMBER		Mark	Dat
GENERAL							
G000	COVER						
G001	INDEX SHEET						
G100	CODE INFORMATION						
CIVIL							
2100	EXISTING CONDITIONS SURVEY						
2200	DEMO & EROSION CONTROL						
2300	SITE LAYOUT PLAN						
2400	GRADING PLAN						
2500	UTILITY PLAN						
2600	FIRE ACCESS PLAN						
900	CONSTRUCTION NOTES						
901	CONSTRUCTION DETAILS						
902	CONSTRUCTION NOTES						
2903	CONSTRUCTION NOTES						
ANDSCAPE	CONCEPTUAL SITE PLAN TREE REMOVAL PLAN						
.100	SPECIALTY PAVEMENTS AND FURNISHINGS PLAN						
_101	LANDSCAPE PLAN						
.102	LANDSCAPE ENLARGEMENTS						
_103	LANDSCAPE ENLARGEMENTS						
_300	GREEN ROOF PLAN						
ARCHITECTURAL							
100	LOWER LEVEL FLOOR PLAN						
100	MAIN LEVEL FLOOR PLAN						
102	UPPER LEVEL FLOOR PLAN						
A110	ROOF PLAN						
111	ENLARGED ROOF PLANS						
200	EXTERIOR ELEVATIONS						
201	EXTERIOR ELEVATIONS						
210	BUILDING MATERIALS						
210	BIRD SAFE GLASS REQUIRMENT						
212	BIRD SAFE GLASS RECONVIENT						
4300	BUILDING SECTIONS						

## MATERIALS LEGEND

STEEL	 WEATHER-RESISTANT BARRIER (W.R.B.)	CONCRETE	+ + + + + + + + + + + + + + + + + + +	INSULATION: BLOW-IN
ALUMINUM	 VAPOR BARRIER (V.B.)	MORTAR/GROUT/SAND		INSULATION: RIGID
BASS/BRONZE	CAULKING/SEALANT	MASONRY: BRICK		INSULATION: MINERAL WOOL
NICKEL/CHROME	GLASS	MASONRY: CMU		INSULATION: SPRAY FOAM
WOOD: STRUCTURE/FRAMING	GYPSUM: BOARD	WOOD/ COMPOSITE	× · · · · · · · · · · · · · · · · · · ·	CARPET: TILE
WOOD: FINISH CARPENTRY	GYPSUM: SHEATHING	ACRYLIC/RESIN	E	EARTH: UNDISTURBED
WOOD: SHIM/BLOCKING	FELT/TEXTILES	RUBBER/VINYL		ARTH: DISTURBED
WOOD: SHEATHING	CARPET	INSULATION: BATT		GRAVEL



November 28, 2023	- BUILDING SUBMITTAL
TRANSACTION ID#:	21-0102
PROJECT NAME:	The Center for Black Excellence and Culture
PROJECT DESCRIPTION:	Mixed-Use, Non-Separated Building (Fully Sprinklered) with Offices, Meeting, and Performances Spaces
PROJECT LOCATION:	3 Story Building
Street: City:	633 W Badger Road Madison, WI
CODE: <u>Code Version;</u>	2021 International Building Code (IBC) Including Wisconsin Commercial Building Code 2021 ANSI A117.1 (2017)
CONSTRUCTION TYPE:	II-B - Unprotected, Non-Combustible
	REQUIRED BUILDING ELEMENT RATINGS
	Bearings Walls         0         Table 601           Floors         0         Table 601           Roofs         0         Table 601           Exterior Walls         0         IBC 705, Table 601
BUILDING AREA (DESIGN): Per IBC Definition (202) AREA, BUILDING - Interior Side of Exterior Walls & Exterior Spaces Under Roof	FLOOR         MAIN OCCUPANCY         FIRE AREA #1 BUILDING         TOTALS           BUILDING         PATIO         -
	FIRE AREA #1
BUILDING AREA (CODE REVIEW): Area Limitations: (Table 506.2)	DESIGN INCREASE
II-B Occupancy = A-1	3RD FLOOR 12,728 31,875
Area Limit per Floor: See Allowable Area Determination below.	2ND FLOOR         18,028         31,875           TST FLOOR         13,936         31,875
Frontage Increase: See Building	TOTALS: 44,692 95,625
Frontage Calculations	* MAX IS ALLOWABLE PER TABLE 506.2, PLUS FRONTAGE INCREASE
Above Grade Building Frontage Area BUILDING AREA CALCULATIONS	Check One Box Only SPRINKLER SYSTEM PER DESIGN = SM NFPA 13
Allowable Area Determination: per Table 506.2	NS 8,500 (AREA INCREASE Per 2015 IBC Section 506.2.3 & 506.2.4) Maximum # of <u>Calculated Stories</u> Allowed Per Design = 3 S13R -
A-1 Occupancy	\$1     34,000       \$M     25,500         7     TABLE 506.3.3 - FRONTAGE INCREASE FACTOR   FP = Frontage Perimeter length >= 20 ft.
Amount of Area Increase:	FP Percentage     FP % RANGE     LOWEST OPEN FRONTAGE DEPTH (FEET)     Facade Length Frontage Dist.     F>=20'       FP % RANGE     0     20     25     30     L1     274     W1     30     274
per 506.3.3	Total Perimeter (P):         758.00         0         to         0         0         0         0         105           Frontage Perimeter (FP):         758.00         25         to         49         0         0.17         0.21         0.25         L3         274         W3         30         274
100	FP Percentage:         100         50         to         74         0         0.33         0.42         0.50         L4         105         W4         30         105           Smallest Frontage Depth:         30         75         to         100         0         0.50         0.63         0.75         L5         0         W5         30         0
Single-Occupancy, Multi-Story	rease Factor from Table 506.3.3: 0.75 L6 0 W6 30 0 L7 0 W7 30 0 L8 0 W8 30 0
Building Area Modification: per 506.2, 506.2.3	Aa = [At + (NS x If]) x Sa         L8         0         W8         30         0           A(allowed)= [A(Table)+(NS(non-sprinklered area)*I(frontage increase %)]*Sa(# of stories)         L9         0         W9         30         0
per contra contra	A(allowed)=       25,500 + {       8,500 * 0.75 )* 3       L11 0 W11 30 0         A(allowed)=       25,500 + 6,375.00 * 3       L12 0 W12 30 0
(Max. Allowable Building Area)	A(allowed)=         31,875.00         * 3         L13         0         W13         30         0           A(allowed)=         95,625.00         L14         0         W10         30         0
	Perimeter (P) = <b>758</b> FP = <b>758</b>
UFICUT UNITATION	
HEIGHT LIMITATION: Allowed:	
	ALLOWABLE HEIGHT - WITH NFPA13 SPRINKLER INCREASE
per IBC 504, Table 504.3 per IBC 504.4, Table 504.4	75 feet max. above grade plane (average height of highest roof surface) (3) Stories (75 Feet Max.) of II-8 Construction Above Grade
per IBC 504.4, Table 504.4	75 feet max. above grade plane (average height of highest roof surface) (3) Stories (75 Feet Max.) of II-B Construction Above Grade (Table 504.4 with \$13 sprinkler increase)
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per IBC 504.4, Table 504.4 Designed: OCCUPANCY &	75 feet max. above grade plane (average height of highest roof surface) (3) Stories (75 Feet Max.) of II-B Construction Above Grade (Table 504.4 with \$13 sprinkler increase) <u>DESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) Fire Area A-3 NFPA 13 per 903.2.1.3 Notes:
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per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS:	75 feet max. above grade plane (average height of highest roof surface) (3) Stories (75 Feet Max.) of II-8 Construction Above Grade (Table 504.4 with \$13 sprinkler increase) <u>DESIGN HEIGHT</u> (3) Stories - 53'-10" II-8 Construction above grade (to main roof) <u>Fire Area A-3 NFPA 13 per 903.2.1.3</u> Notes: Complete Fire Alarm System is required on all floors Provide Fire Extinguishers per NFPA 10
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per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS:	75 feet max. above grade plane (average height of highest roof surface) (3) Stories (75 Feet Max.) of II-8 Construction Above Grade (Table 504.4 with \$13 sprinkler increase) <u>DESIGN HEIGHT</u> (3) Stories - 53'-10" II-8 Construction above grade (to main roof) <u>Fire Area A-3 NFPA 13 per 903.2.1.3</u> Notes: Complete Fire Alarm System is required on all floors Provide Fire Extinguishers per NFPA 10
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per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: Fire Area Separations: Exit Access Corridors: Vertical Exit Enclosures:	75 feet max. above grade plane (average height of highest roof surface) [3] Stories (75 Feet Max.) of II-B Construction Above Grade [Table 504.4 with S13 sprinkler increase] DESIGN HEIGHT [3] Stories - 53*-10" II-B Construction above grade (to main roof) FIRE AREA OCCUPANCY SPRINKLER TYPE NOTES Fire Area A-3 NFPA 13 per 903.2.1.3 Notes: Complete Fire Alarm System is required on all floors Provide Fire Extinguishers per NFPA 10 N/A Non-Rated 1 & 2-Hour Rated Enclosures per IBC 1023.2 Non-Separated Mixed-Use Building - no occupancy separations
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: Fire Area Separations: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping: Allowable Wall Openings:	75 feet max. above grade plane (average height of highest roof surface) (3) Stories (75 Feet Max.) of II-8 Construction Above Grade (Table 504.4 with 513 sprinkter increase)         DESIGN HEIGHT (3) Stories - 53-10" II-8 Construction above grade (to main roof)         IFRE AREA OCCUPANCY SPRINKLER TYPE NOTES Fire Area A.3 NPFA 13 per 903.2.1.3         Notes: Complete Fire Aram System is required on all floors Provide Fire Arian System is required on all floors Provide Fire Extinguishers per NFPA 10         N/A         Non-Rated 1 & 2-Hour Rated Enclosures per IBC 1023.2         Non-Separated Mixed-Use Building - no occupancy separations See Life Sofety Plans         Floor/Ceiling Space Separation required above all Unit Separation Partitions (per 718.3, 718.3.2)         Fire Separation       Unprotected Openings, Unprotected Openings, Protected Openings
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: Fire Area Separations: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping:	75 feet max. above grade plane (average height of highest roof surface) (3) Stories (75 feet Max.) of II-B Construction Above Grade (Table 504.4 with S13 spinkler increase)         DESIGN HEIGHT (3) Stories - 53-10" II-B Construction above grade (to main roof)         IFRE AREA OCCUPANCY SPRINKLER TYPE NOTES         Fire Area       A-3         NFPA 13 per 903.2.1.3         Notes:         Complete Fire Alarm System is required on all floors         Provide Fire Extinguishers per NFPA 10         N/A         Non-Rafed         1 & 2-Hour Roted Enclosures per IBC 1023.2         Non-Rafed         1 & 2-Hour Roted Enclosures per IBC 1023.2         Floor/Ceiling Space Separation required above all Unit Separation Partitions (per 718.3, 718.3.2)         Fire Separation       Unprotected Openings, Unprotected Openings, Protected Openings         3-5       Not Permitted       15% 15%
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: Fire Area Separations: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping: Allowable Wall Openings:	75 feet max, above grade plane (average height of highest roof surface)       (3) Stories (75 Feet Max) of II-8 Construction Above Grade (Table 504.4 with S13 sprinkler increase)         DESIGN HEIGHT (3) Stories : 53-10" II-8 Construction above grade (to main roof)         IFIE AREA OCCUPANCY SPRINKLER TYPE NOTES         Fire Area       A-3         NFPA 13 per 903.2.1.3         Note:         Complete Fire Alarm System is required on all floors Provide Fire Extinguishers per NFPA 10         N/A         Non-Rated         1.8 2-Hour Rated Enclosures per IBC 1023.2         Non-Separated Mixed-Use Building - no occupancy separations See Life Safety Plans         Fire Separation       Unprotected Openings, Unprotected Openings, Protected Openings, S-10%         Fire Separation       Unprotected Openings, Unprotected Openings, Protected Openings, S-10%         10-15       15%       45%       15%         10-15       15%       45%       45%
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: Fire Area Separations: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping: Allowable Wall Openings:	75 feet max, above grade plane (average height of highest roof surface) (3) Stories / 57 Feet Max, ) of II-B Construction Above Grade (Table 504.4 with S13 sprinkler increase) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> Complete Fire Alarm System is required on all floors Provide Fire Extinguishers per NFPA 10 N/A Non-Rated 1 & 2-Hour Rated Enclosures per IBC 1023.2 Non-Separated Mixed-Use Building - no occupancy separations See Life Safet Pilons Floor/Ceiling Space Separation required above all Unit Separation Partitions (per 718.3, 718.3.2) <u>Fire Separation</u> <u>Unprotected Openings</u> <u>Unprotected Openings</u> <u>10'-15' 178' 45%' 15%'</u> <u>5'-10' 10% 25%' 25%'</u> <u>75%' 75%' 75%'</u> <u>20'-25' 45%' No Limit No Limit</u>
per IBC 504.4, Table 504.4 Designed: CCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: Fire Area Separations: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations; In Floor Draftstopping: Allowable Wall Openings: per IBC 705.8	75 feet max. above grade plane (average height of highest roof surface)         (3) Stories (75 Feet Max.) of II-8 Construction Above Grade         (Table 504.4 with S13 sprinkler increase)         DESIGN HEIGHT         (3) Stories - 53-10" II-8 Construction above grade (to main roof)         Fire Area       OCCUPANCY         SPRINKLER TYPE       NOTES         Fire Area       A:3         NFPA 13 per 903.2.1.3         Notes:         Complete Fire Alarm System is required on all floors         Provide Fire Extinguishers per NFPA 10         N/A         Non-Rated         1 & 2-Hour Roted Enclosures per IBC 1023.2         Non-Rated         1 & 2-Hour Roted Enclosures per IBC 1023.2         Fire Separation unprotected Openings, Unprotected Openings, Protected Openings         Sole         3 - S       Not Permiting         1 & 2-Sol       25%         1 - Sol       15%         1 - Sole       25%         1 - Sole
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: Fire Area Separations: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping: Allowable Wall Openings:	75 feet max, above grade plane (average height of highest roof surface) (3) Stories / 57 Feet Max, ) of II-B Construction Above Grade (Table 504.4 with S13 sprinkler increase) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> (3) Stories - 53'-10" II-B Construction above grade (to main roof) <u>PESIGN HEIGHT</u> Complete Fire Alarm System is required on all floors Provide Fire Extinguishers per NFPA 10 N/A Non-Rated 1 & 2-Hour Rated Enclosures per IBC 1023.2 Non-Separated Mixed-Use Building - no occupancy separations See Life Safet Pilons Floor/Ceiling Space Separation required above all Unit Separation Partitions (per 718.3, 718.3.2) <u>Fire Separation</u> <u>Unprotected Openings</u> <u>Unprotected Openings</u> <u>10'-15' 178' 45%' 15%'</u> <u>5'-10' 10% 25%' 25%'</u> <u>75%' 75%' 75%'</u> <u>20'-25' 45%' No Limit No Limit</u>
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE SEPARATIONS: FIRE SEPARATIONS: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping: Allowable Wall Openings: per IBC 705.8 Designed Openings/Fire	75 feet max. above grade plane (average height of highest roof surface) (3) Stories (75 Feet Max) of II-B Construction Above Grade [Table 504.4 with S13 spinikler increase] PEICIN-HEIGHT (3) Stories - 53-10° II-B Construction above grade (to main roof) IFRE AREA OCCUPANCY SPRINKLER TYPE NOTES Fire Area A-3 NFPA 13 per 903.2.1.3 Notes: Complete Fire Alarm System is required an all floars Provide Fire Exlinguishers per NFPA 10 N/A Non-Separated Inclosures per IBC 1023.2 Non-Separated Inclosures per IBC 1023.2 Non-Separated Inclosures per IBC 1023.2 Non-Separated Inclosures per IBC 1023.2 Non-Separated Inclosures per IBC 1023.2 Fire Separation upprotected Openings, Unprotected Openings 3-50 5-10° 1075 1555 4555 4555 15-20° 2555 755 755 15-20° 2555 No Limit No Limit 15-20° 2555 No Limit No Limit 22-30° No Limit No Limit No Limit No Limit
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: FIRE SEPARATIONS: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping: Allowable Wall Openings: per IBC 705.8 Designed Openings/Fire Separation Distance: EGRESS: (Maximum Travel Distance	75 feet max. above grade plane (average height of highest nod surface) (3) Stries (75 feet Max.) of II-8 Construction above Grade (Table 504.44 with S13 spinkter increase)         DESIGN HEIGHT (3) Stries - 53-10" II-8 Construction above grade (to main roof)         IFE AREA OCCUPANCY SPINKLER TYPE (a) Stries - 53-10" II-8 Construction above grade (to main roof)         INDEX: Complete Fire Area A: WPA 13 per 903.2.1.3         Note: Complete Fire Area A: WPA 13 per 903.2.1.3         Note: Complete Fire Area A: WPA 10         Note: Complete Fire Area A: WFA 10         Note: Not Market A: WFA A: Unprotected Openings: Protected Openings 3:5         Note: Fire Separation         Muprotected Openings: Protected Openings 3:5         Not Imit         Not Imit         Not Imit         Not
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: FIRE SEPARATIONS: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping: Allowable Wall Openings: per IBC 705.8 Designed Openings/Fire Separation Distance: EGRESS: (Maximum Travel Distance	75 feet max. obove grade plane (average height of highest roof surface) (3) Stries (75 feet Max.) of II-8 Construction Above Grade (1able 504 whith S13 sprinkler increase) PEIGN HEIGHT (3) Stries - 53-10° II-8 Construction above grade (10 main roof) IFRE Area <u>a a b b b b b b b b b b b b b b b b b</u>
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: FIRE SEPARATIONS: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping: Allowable Wall Openings: per IBC 705.8 Designed Openings/Fire Separation Distance for A-3 Occupancy) 2021 IECC	75 feet max. above grade plane (average height of highest roof surface) (3) Stories (75 Feet Max, 10 Hie Construction Above Grade (flable 504.4 WHIE S13 grinkler increase)         DESIGN HEIGHT (3) Stories - 53-10'He Construction above grade (to main roof)         INTER AREA
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: FIRE SEPARATIONS: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping: Allowable Wall Openings: per IBC 705.8 Designed Openings/Fire Separation Distance: EGRESS: (Maximum Travel Distance for A-3 Occupancy) 2021 IECC ENVELOPE COMPLIANCE:	75 feet max. above grade plane (average height of highest roof surface) (3) Sines (75 Feet Max.) of HiB Construction above Grade (frade S04.4 will S13 pathefic increase)         DESCHARCE IT (3) Sines - S31 (7) HiB Construction above grade (to main roof)         Tere Aram is required on out frace) (S1 Sines - S31 (7) HiB Construction above grade (to main roof)         Note::::::::::::::::::::::::::::::::::::
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: FIRE SEPARATIONS: FIRE Area Separations: Designed Separations: Designed Openings/Fire Separation Distance: EGRESS: (Maximum Travel Distance for A-3 Occupancy)	75 feet max. above grade plane (average height of highest roof surface) (3) Stories (75 Feet Max) of I-B Construction Above Grade (frade S44.4 with S13 pathetic Increase)         DESIGN HEIGHT (3) Stories - 53-10° II-B Construction above grade (to main root)         Tere Area A.3 NIPA 13 per 903.2.1.3         Increase III Surface) Free Area A.3 NIPA 13 per 903.2.1.3         Note: Covide for Extinguishers per NFRA 10         Note: Covide for Extinguishers per NFRA 10         N/A         NAT         Note: Covide for Extinguishers per NFRA 10         N/A         NAT         NAT         N/A         Note: Free Alexed Mixed-Use Building - no occupancy separation Security for 718.3, 718.3, 21         Note: Free Separation         Improtected Openings: Protected Openings: Protected Openings 15/30         Site Stating with the Notimit No Limit         Site Not Permitted 12/35 2/35 2/35         Site Not Permitted 12/35 1/35 1/35         Site Not Permitted 12/35 1/3
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: FIRE SEPARATIONS: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping: Allowable Wall Openings: per IBC 705.8 Designed Openings/Fire Separation Distance: EGRESS: (Maximum Travel Distance for A-3 Occupancy) 2021 IECC ENVELOPE COMPLIANCE:	75 feet max. above grade plane (average height of highest nool surface) (2) Stores (75 feet Auxc.) (2) Li & Construction Above Grade (Table S04 - 4M) S13 puniter increase)         DESCRIPTION: (3) Stores - 553-10" Li & Construction above grade (to main nool)         Ter Area A 3 PFA 13 per 903.2.1.3         Ter Area Area System Streagled to main nool)         Ter Area Area System Streagled on all floors Provide Fire Adam System Is required on all floors Provide Fire Extinguishers per NFA 10         NA         Non-Roted 1 & 2-Hour Roted Enclosures per IBC 1023.2         Norde Fire Sufinguishers per NFA 10         Provide Fire Sufinguishers per NFA 10         Non-Roted 1 & 2-Hour Roted Enclosures per IBC 1023.2         Non-Roted Area System Unprotected Openings. Unprotected Openings. Protected Openings 3/3 (S)
per IBC 504.4, Table 504.4 Designed: OCCUPANCY & FIRE PROTECTION SYSTEMS: FIRE SEPARATIONS: FIRE SEPARATIONS: Exit Access Corridors: Vertical Exit Enclosures: Occupancy Separations: In Floor Draftstopping: Allowable Wall Openings: per IBC 705.8 Designed Openings/Fire Separation Distance: EGRESS: (Maximum Travel Distance for A-3 Occupancy) 2021 IECC ENVELOPE COMPLIANCE:	75 feet max. above grade plane (average height of highest roof surface) (2) States 304 - 4WB (average height of highest roof surface) (2) States 304 - 4WB (average)         DESCH MEGHT (3) States 35-10" His Construction above grade (to main noof)         The Area is the Construction above grade (to main noof)         The Area is the Construction above grade (to main noof)         The Area is the Construction above grade (to main noof)         The Area is the Construction above grade (to main noof)         The Area is the

### The Center - GRADE PLAN CALCULATION October 31, 2023

AVERAGE EXTERIOR WALL ELEVATIONS

Forder of a matter th	Overall Length		Unif	ormly Slop	oing Grade		Constar	nt Grade	Average Wall
Exterior Wall	(in Feet)	EL (start)	EL (end)	Slope	Length (ft)	Avg. Elevation	Length (ft)	Elevation	Elevation
North Upper 1	15.3	0.0	0.0	0.00%	15.3	0.0	15.3	912.0	912.0
East 2	10.0	0.0	0.0	0.00%	10.0	0.0	10.0	912.0	912.0
North Upper 2	11.2	0.0	0.0	0.00%	11.2	0.0	11.2	912.0	912.0
East 1	12.7	0.0	0.0	0.00%	12.7	0.0	12.7	912.0	912.0
North Upper 3	79.8	912.0	911.0	1.25%	79.8	911.5	0.0	0.0	911.5
North Lower 1	96.9	911.0	902.0	9.29%	96.9	906.5	0.0	0.0	906.5
West 1	17.5	892.0	891.8	1.14%	17.5	891.9	0.0	0.0	891.9
North Lower 2	72.8	892.0	894.0	-2.75%	72.8	893.0	0.0	0.0	893.0
West 2	62.7	892.0	893.0	-1.60%	62.7	892.5	0.0	0.0	892.5
South Lower 1	8.7	0.0	0.0	0.00%	8.7	0.0	8.7	893.0	893.0
West 3	26.8	893.0	892.0	3.73%	26.8	892.5	0.0	0.0	892.5
South Lower 2	69.0	0.0	0.0	0.00%	69.0	0.0	69.0	892.0	892.0
East 6	8.5	0.0	0.0	0.00%	8.5	0.0	8.5	892.0	892.0
South Lower 3	76.9	0.0	0.0	0.00%	76.9	0.0	76.9	892.0	892.0
East 5	20.4	0.0	0.0	0.00%	20.4	0.0	23.4	892.0	1023.5
South Upper 1	84.4	892.0	911.0	-22.51%	84.4	901.5	0.0	0.0	901.5
East 4	6.2	0.0	0.0	0.00%	6.2	0.0	6.2	911.0	911.0
South Upper 2	39.9	0.0	0.0	0.00%	39.9	0.0	39.9	911.0	911.0
East 3	32.0	0.0	0.0	0.00%	32.0	0.0	32.0	911.0	911.0

GRADE PLANE

Exterior Wall	Overall Length	Average Wall Elevation	Weighted Wall
	(L)	(AWE)	Elevation (L x AWE)
North Upper 1	15.25	912.0	13,908.00
East 2	10	912.0	9,120.00
North Upper 2	11.18	912.0	10,196.16
East 1	12.65	912.0	11,536.80
North Upper 3	79.8	911.5	72,737.70
North Lower 1	96.92	906.5	87,857.98
West 1	17.5	891.9	15,608.25
North Lower 2	72.75	893.0	64,965.75
West 2	62.65	892.5	55,915.13
South Lower 1	8.73	893.0	7,795.89
West 3	26.8	892.5	23,919.00
South Lower 2	68.95	892.0	61,503.40
East 6	8.48	892.0	7,564.16
South Lower 3	76.85	892.0	68,550.20
East 5	20.35	1023.5	20,828.20
South Upper 1	84.42	901.5	76,104.63
East 4	6.2	911.0	5,648.20
South Upper 2	39.85	911.0	36,303.35
East 3	32	911.0	29,152.00
Totals	751		679,214.80

Weighted Wall Elevation / Wall Perimeter 679,214.80 904.0

911.8

904.0

891.8

GRADE PLANE= Main Level Elevation =

GRADE PLANE=

GRADE PLANE=

Grade Plane =

7.8 feet above grade plan Can be classified as First Floor per 2021 IBC Section 202 because level is entirely

75

above grade plane.

above grade plane.

Lower Level Elevation =

Can be classified as a Basement / Lower Level per 2021 IBC Section 202 "Story Above Grade Plane" definition, Item 1 - finished floor next above is more than 6 feet

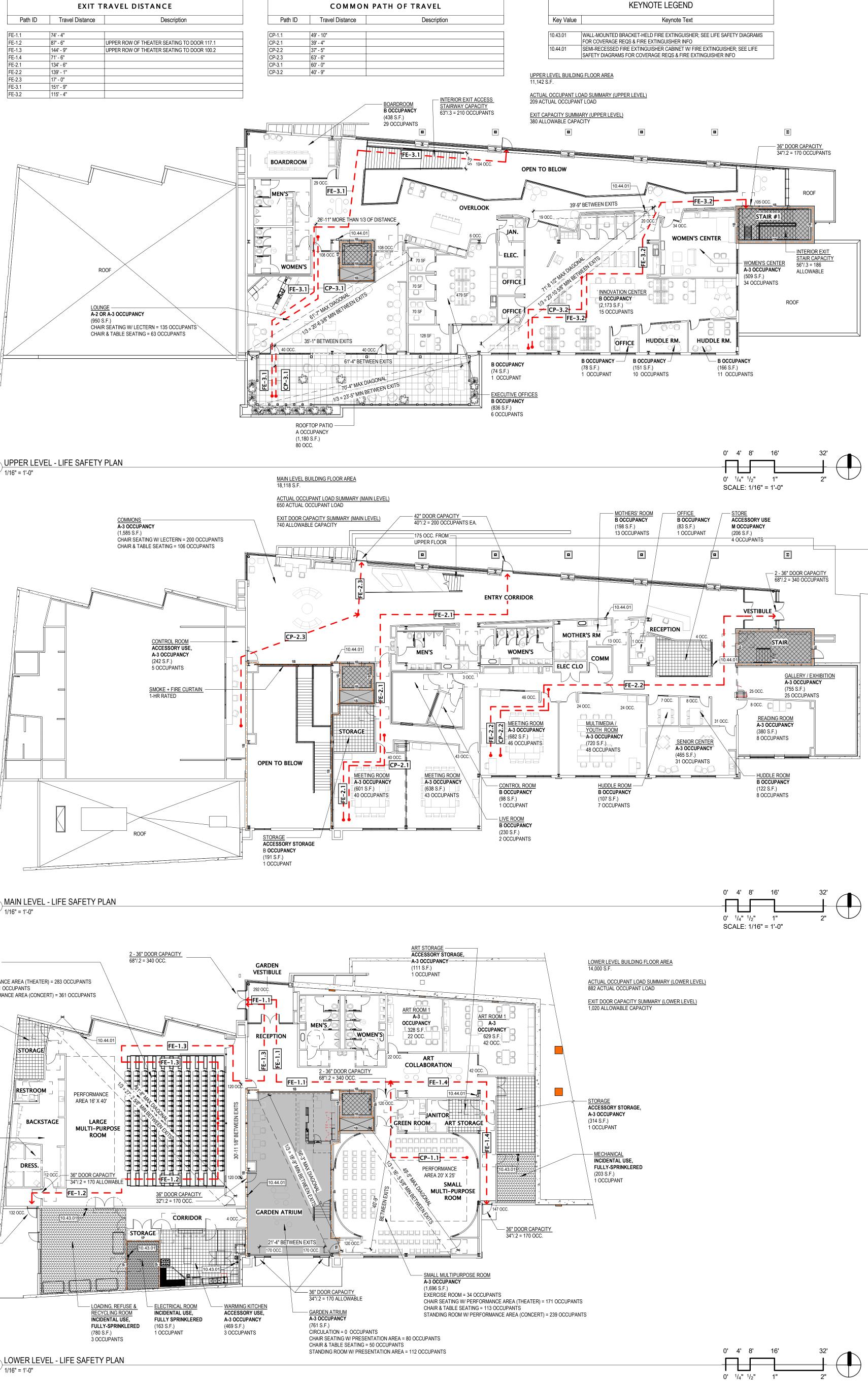
IFF	SAFETY L	FGEND				
	E FIRE RATING		N:			
	1 HOUR FIRE RATE	D SPACE PER FIRE	RATING LEC	END		
	2 HOUR FIRE RATE	D SPACE PER FIRE	RATING LEC	END		
	VERTICAL EXIT ENC • STAIR (2 LI • ELEVATOR		IRE BARRIE	RS PER 2021 IBC, 70	)7	
	INCIDENTAL USE AI SEPARATED PER 20	<u>REAS - (SEE FIRE R</u> 021 IBC TABLE 509	ATING LEGE	<u>NDS)</u>		
	ACCESSORY OCCU LESS THAN 10% OF OCCUPANCY		EACH LEVEI	. NOT SEPARATED F	FROM MAIN	
<u>WALI</u>	FIRE RATINGS	<u>-</u>				
1 HOU	R RATED FIRE PARTI	TION:		1P		
1 HOU	R RATED FIRE BARR	IER:		1B		
2 HOU	R RATED FIRE BARRI	IER:		2B	_	
2 HOU	R RATED FIRE WALL:			2W	_	
F.E.C.: F.E.: F	BOLS & TAGS: FIRE EXTINGUISHER RE EXTINGUISHER E FE-1.1 — FIR CP-1.1 — CO	BOTTLE RE EXIT TRAVEL RO				
<u>ALLO</u>	WABLE DOOR E	XITING CAPCI	<u>TY:</u>			
SINGLE	DOOR	DOUBLE DOOR				
	<u>R CAPACITY</u> 165 OCCUPANT LOAD	<u>2 - 36" DOOR CAPAC</u> 66"/.2 = 330 OCCUPA				
	<u>R CAPACITY</u> 195 OCCUPANT LOAD	2 - 42" DOOR CAPAC 78"/.2 = 390 OCCUPA				
48" DOO	R CAPACITY 225 OCCUPANT LOAD	<u>2 - 48" DOOR CAPAC</u> 90"/.2 = 450 OCCUPA	ITY_			
TES:						
	<u>E</u> : ALL STRUCTURAL CO PORT.	MPONENTS SHALL BE	RATED EQUAL	Y TO THE RATED ASS	EMBLY THAT THE	ΞY
	FIRE RATED ASSEMBLIE MANENTLY IDENTIFIED F			SPACES SHALL BE CLE	ARLY AND	
FRA	MING SHALL BE OF NON	-COMBUSTIBLE MATER	RIAL, METAL ST	UDS		
	(1) LAYER 3/4" PART 1/2" THICK GYPSUM 1/4" CEMENT-BASEE BATTS/ BLANKETS (	ATERIALS PER 2021 IE STRUCTURAL PANELS ICLE BOARD WITH JOI WALL BOARD MILLBOARD	3C 718.2.1 SHAI S WITH JOINTS NTS BACKED E NERAL FIBER (	L BE: BACKED BY SAME Y SAME OR OTHER APPROVED M		RΕ

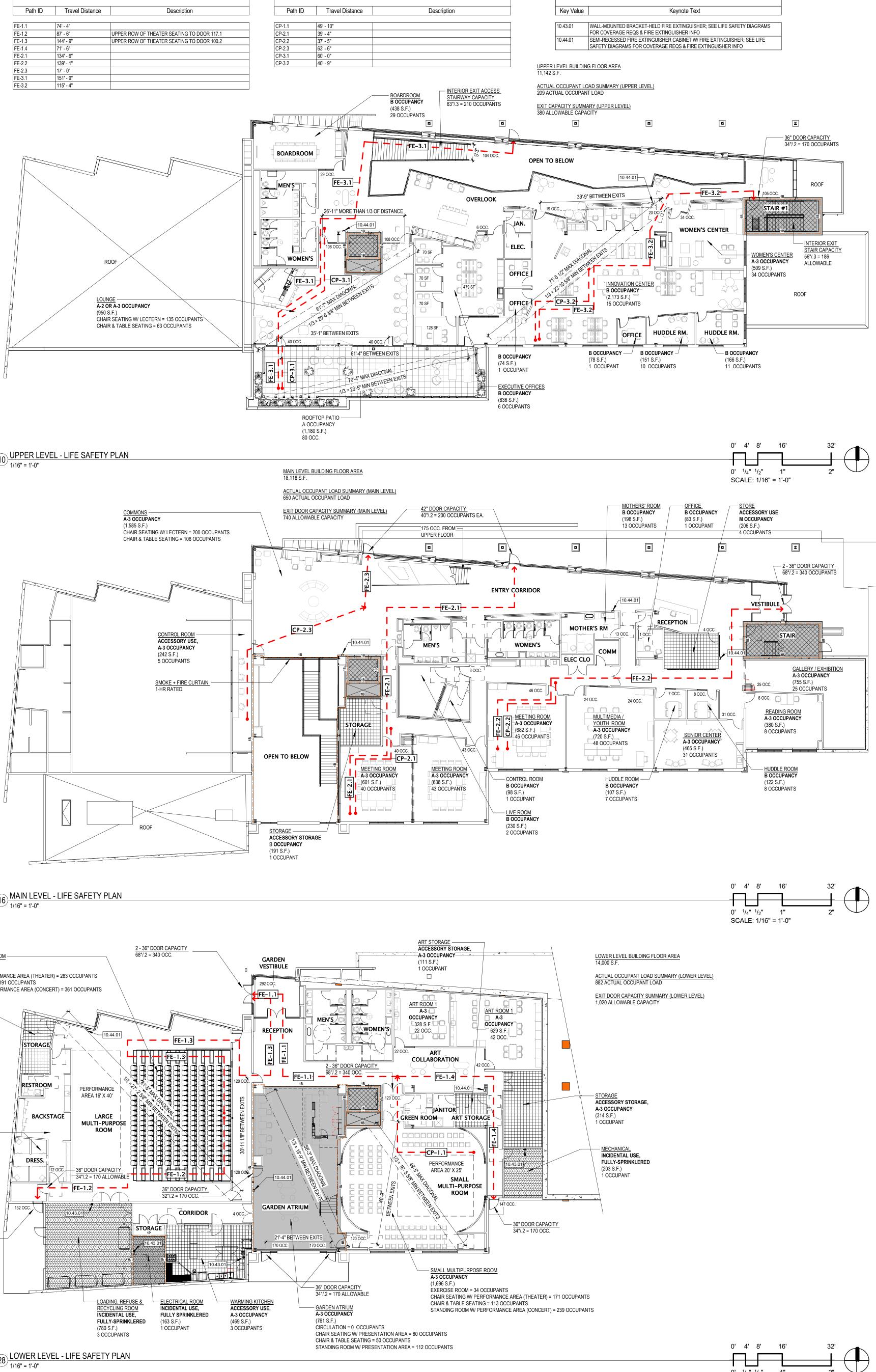
INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE CELLULOSE INSULATION INSTALLED AS TESTED FOR THE SPECIFIC APPLICATION • (SEE STAIR AND ELEVATOR DETAILS FOR ADDITIONAL FIREBLOCKING INFORMATION). DOUBLE STUD WALL ASSEMBLIES: PROVIDE BOTH HORIZONTAL AND VERTICAL FIRE/ SMOKE BLOCKING

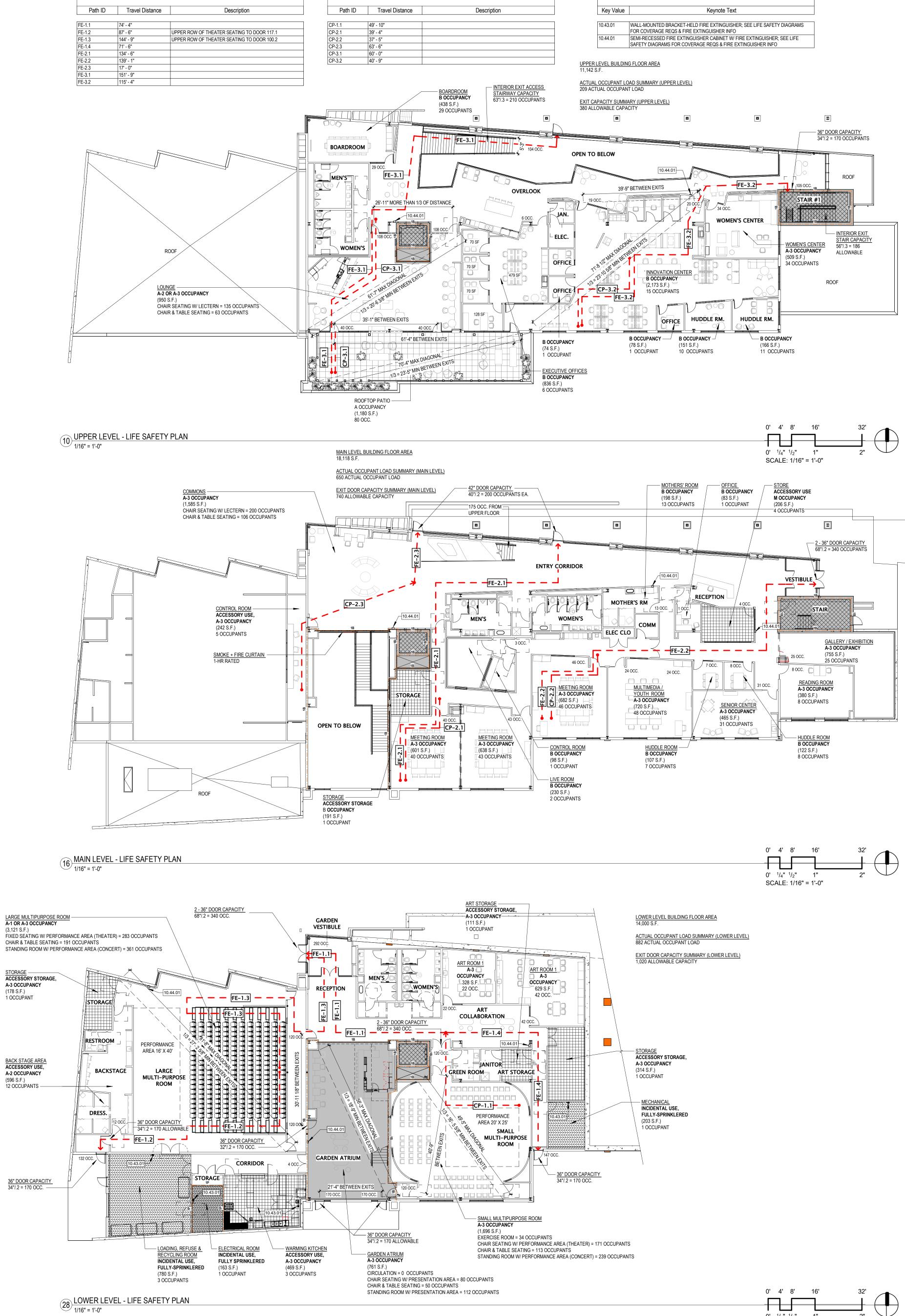
PER 2021 IBC SECTION 718.2.1.5 AND INSTALLED PER 718.2.2. a. VERTICAL BLOCKING AT THE CEILING AND FLOOR LEVELS. HORIZONTAL BLOCKING AT INTERVALS NOT EXCEEDING 10 FEET. DRAFTSTOPPING: PROVIDE PER 2021 IBC 718.3 -TYPICAL THROUGHOUT ENTIRE BUILDING.

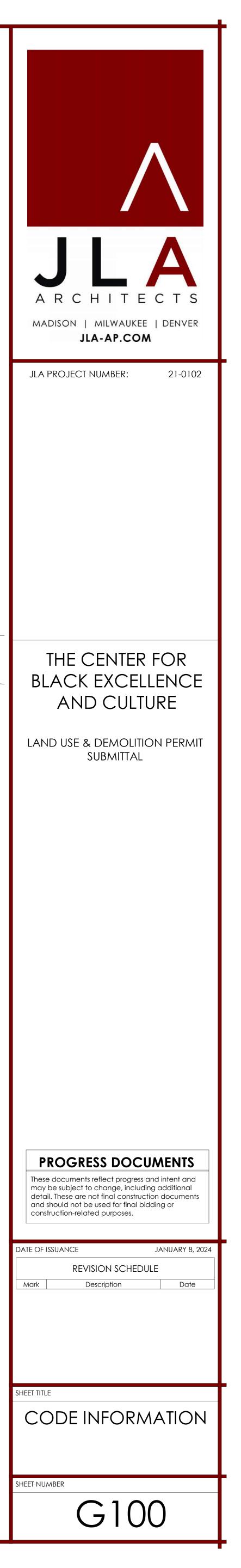
DRAFTSTOPPING MATERIALS SHALL NOT BE LESS THAN 1/2" GYPSUM BOARD, CEMENT FIBERBOARD, BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER. THE INTEGRITY OF DRAFTSTOPS SHALL BE MAINTAINED.

EXIT TRAVEL DISTANCE						
Travel Distance	Description					
	•					
74' - 4"						
87' - 6"	UPPER ROW OF THEATER SEATING TO DOOR 117.1					
144' - 9"	UPPER ROW OF THEATER SEATING TO DOOR 100.2					
71' - 6"						
134' - 6"						
139' - 1"						
17' - 0"						
151' - 9"						
	Travel Distance 74' - 4" 87' - 6" 144' - 9" 71' - 6" 134' - 6" 139' - 1" 17' - 0"					









SCALE: 1/16" = 1'-0"

## Existing Conditions Survey

Legal Description of Lands Surveyed Document No. 4912801

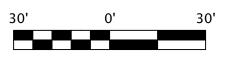
Document No. 3276972:

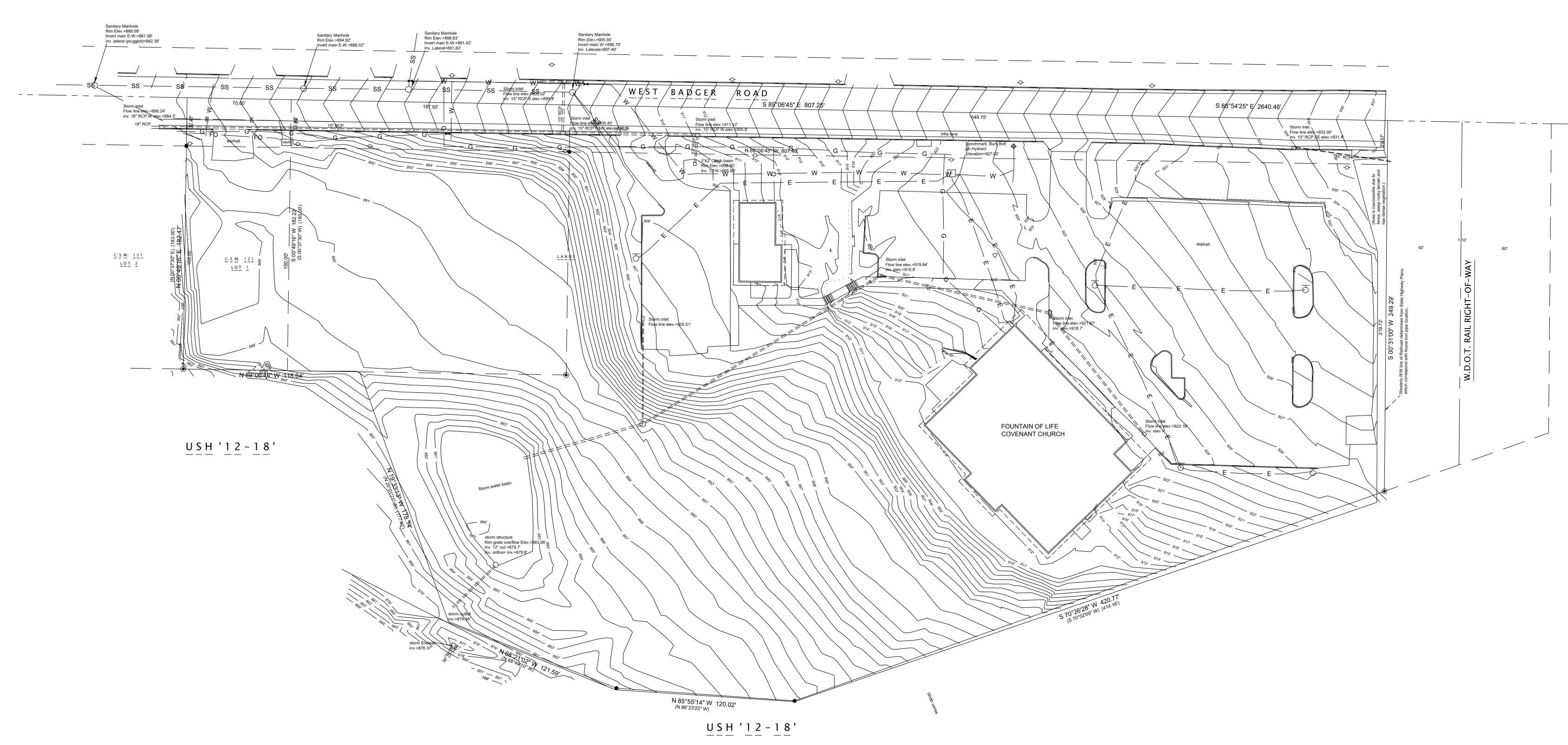
Part of the Northwest I/4 of the Southeast 1/4 of Section 35, Township 7 North, Range 9 East, in the Town of Madison, Dane County, Wisconsin, more fully described as follows. Beginning at a point on the North line of the Southeast I/4 of said section 35, distant 663.05 feet East of the Northwest corner of said quarter section, said point being the Northeast Corner of lands sold to Robert W. Clayton as set forth in Volume 582 of Deeds, page 149; thence East along the North line of said guarter Section 550.5 feet to the West right-of-way line of the Chicago & Northwestern Railroad, thence South 00° 44' East along said right-of-way line 249.6 feet to the Northwesterly right-of-way line of USH 12 18; thence south 69° 12' west along said highway right-of-way line 622.0 feet to the Easterly line of lands sold to Dane County as set forth in Volume 249 of Miscellaneous, page 413, thence North 20° 48' West along the Easterly line of said lands, 307 feet to the Northeasterly corner thereof, said point being 183 feet South from the North line of the Southeast 1/4 of said Section 35, thence East 138.1 feet to the Southeast corner of lands conveyed to Robert W. Clayton as heretofore mentioned; thence North along the East line of said Robert Clayton lands 183 feet to the point of beginning EXCEPT that part conveyed to the State of Wisconsin by Warrant Deed recorded on June 29, 1961, in Volume 716 of Deeds, page 365, as Document No. 1027609, AND FURTHER EXCEPT that part conveyed to the State of Wisconsin in instrument recorded on December 20, 1989, in volume 13672 of Records, page 74, as document No. 2177415.

LEGEND

SOLID IRON ROD FOUND (0.75" Dia. unless noted) IRON PIPE FOUND (1" Outside Diam. unless Noted)

### () INDICATES RECORDED AS DISTANCES ARE MEASURED TO THE NEAREST HUNDREDTH OF A FOOT.





PARCEL I: Parcel One (1) of Certified Survey Map No. 121, recorded in the Office of the Register of - - Deeds for Dane County, Wisconsin, in Volume 1 of Certified Survey Maps, Pages 121 and 121A, as Document No. 1081036, located in the City of Madison, Dane County, Wisconsin.

PARCEL II: Part of the Northwest 1/4 of the Southeast 1/4 of Section 35, Township 7 North, Range 9 East, in the City of Madison, Dane County, Wisconsin, more fully described as follows: Beginning at the Northeast corner of Certified Survey Map No. 121, thence Easterly along the North line of said Northwest 1/4 of the Southeast 1/4, 187.50 feet, more or less, to the Northwestern corner of lands conveyed to the South Shore of Methodist Church in Volume 689 of Deeds, Page 292, as Document No. 973363; thence South along the West line of said church property, 183.0 feet; thence West parallel with North line of said Northwest 1/4 of the Southeast 1/4 to the Southeast corner of Parcel 1 of Certified Survey Map No. 121; thence North along the East line of Certified Survey Hap No. 121, 183.0 feet to the point of beginning.

> Beginning at a concrete monument at the center of said Section 35; Thence S 0°52'50", 37.45 feet along the north-south quarter line of said Section 35 to the point of beginning; Thence N 89°07'10" E, 161.33 feet to the existing northeast right of way line of the USH 12&18/Park Street interchange; Thence S 29°48'29" E, 174.09 feet along said existing northeast right of way line; Thence continuing along said existing northeast right-of-way lire: S 89°18'23" E, 275.20 feet; Thence continuing along said existing northeast right-of-way line S 20°01'2I" E, 177. 40 feet; Thence S 68°49' I0" E, 121.59 feet; Thence S 68°23'22" E, 120.02 feet to the existing north right of way line of USH 12 & 18; Thence N 70°02'09" E, 414.16 feet along said existing north right-of-way line to the existing west right-of-way of the Chicago & North Western Transportation Company; Thence S 0°09'39" W, 340.81 feet along said existing west right-of-way line to the existing south right-of-way line of USH 12 & 18; Thence S 70°02'09" W, 296.90 feet along said existing south right of way line; Thence S 55°06'16" W, 124.19 feet; Thence S 36°45'20" W, 136.68 feet; Thence S 89°07'10" W, 729.36 feet to the north-south quarter line of said Section 35; Thence N 0°52'50" W, 862.71 feet along said north-south quarter line to the point of beginning. Said parcel contains 0.17 of an acres of land.

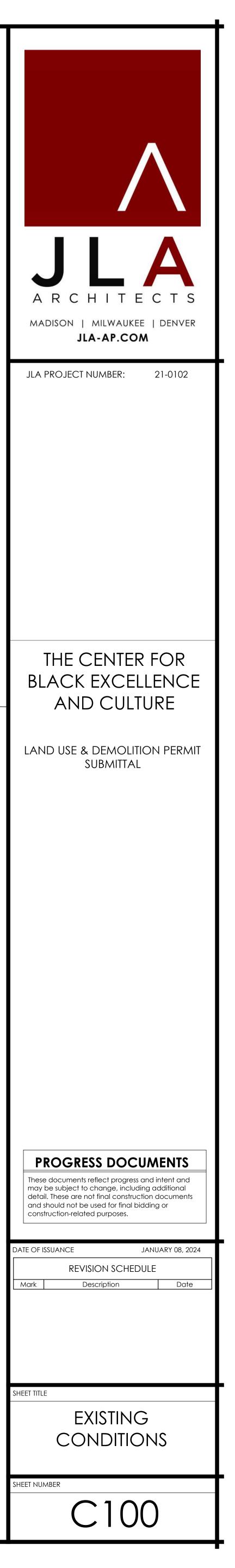
Madison, Dane County, Wisconsin:

Fee title for the owners interest in land contained within the following described tract in the NW 1/4 of the SE 1/4 of Section 35, T7N, R9E, in the Town of

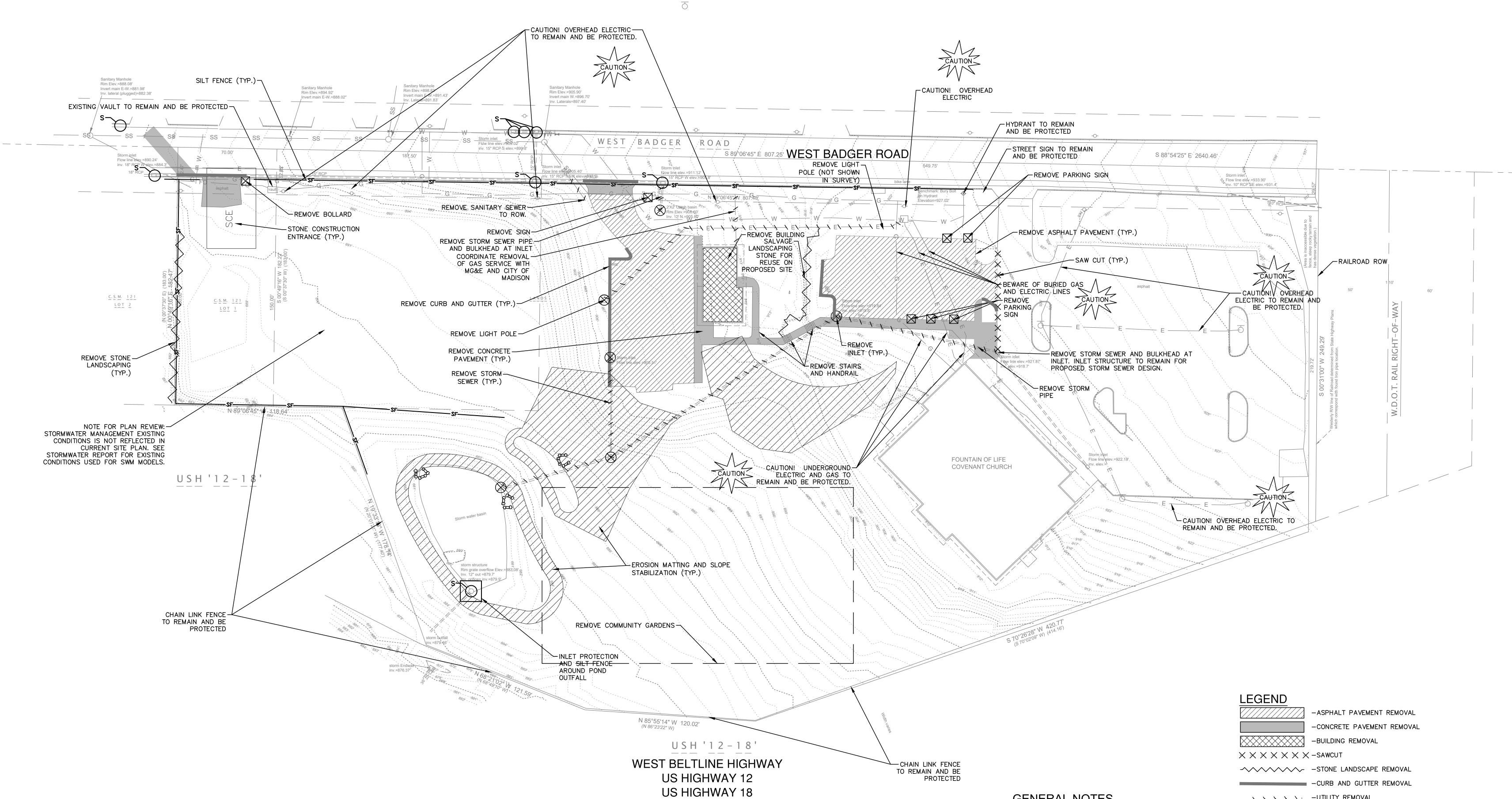
SURVEYOR'S CERTIFICATE

I, Paul A. Spetz, registered land surveyor for Isthmus Surveying LLC, hereby certify that we surveyed the property described above and that the map is a true representation thereof and shows the size and location of the property, visible improvement, potential encroachments and it's exterior boundaries. Said survey meets the minimum standards for property surveys of the Wisconsin Administrative Code (A-E7) and the map hereon is correct to the best of my knowledge and belief. This Survey is solely for the use of the present owners of the property at the date below.

Dated this Day of , 2016: Paul A. Spetz, S 2525



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### **GENERAL NOTES**

1. SEE C900 FOR GENERAL NOTES..

## **REMOVAL NOTES**

1. SEE C900 FOR REMOVAL NOTES.

### **EROSION CONTROL NOTES**

1. SEE C900 FOR EROSION CONTROL NOTES.

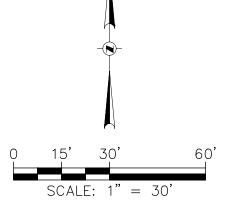
## $\cdot$ , , , , , , -UTILITY REMOVAL $\otimes$ ///////SCE s\_ $\boxtimes$

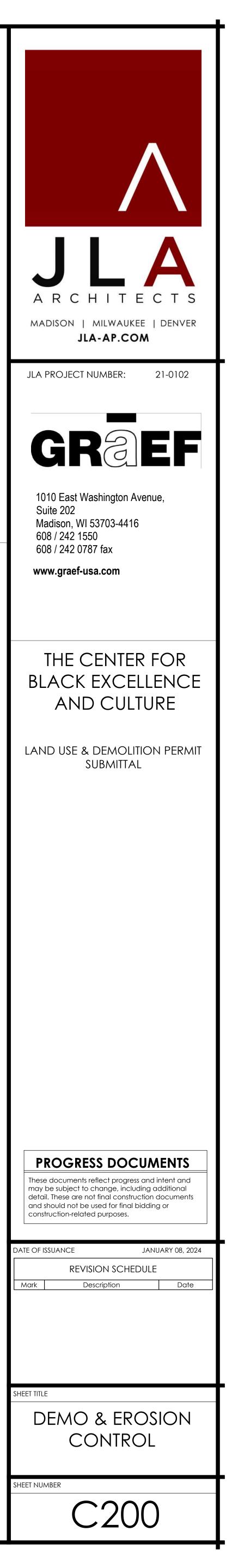
-UTILITY STRUCTURE REMOVAL

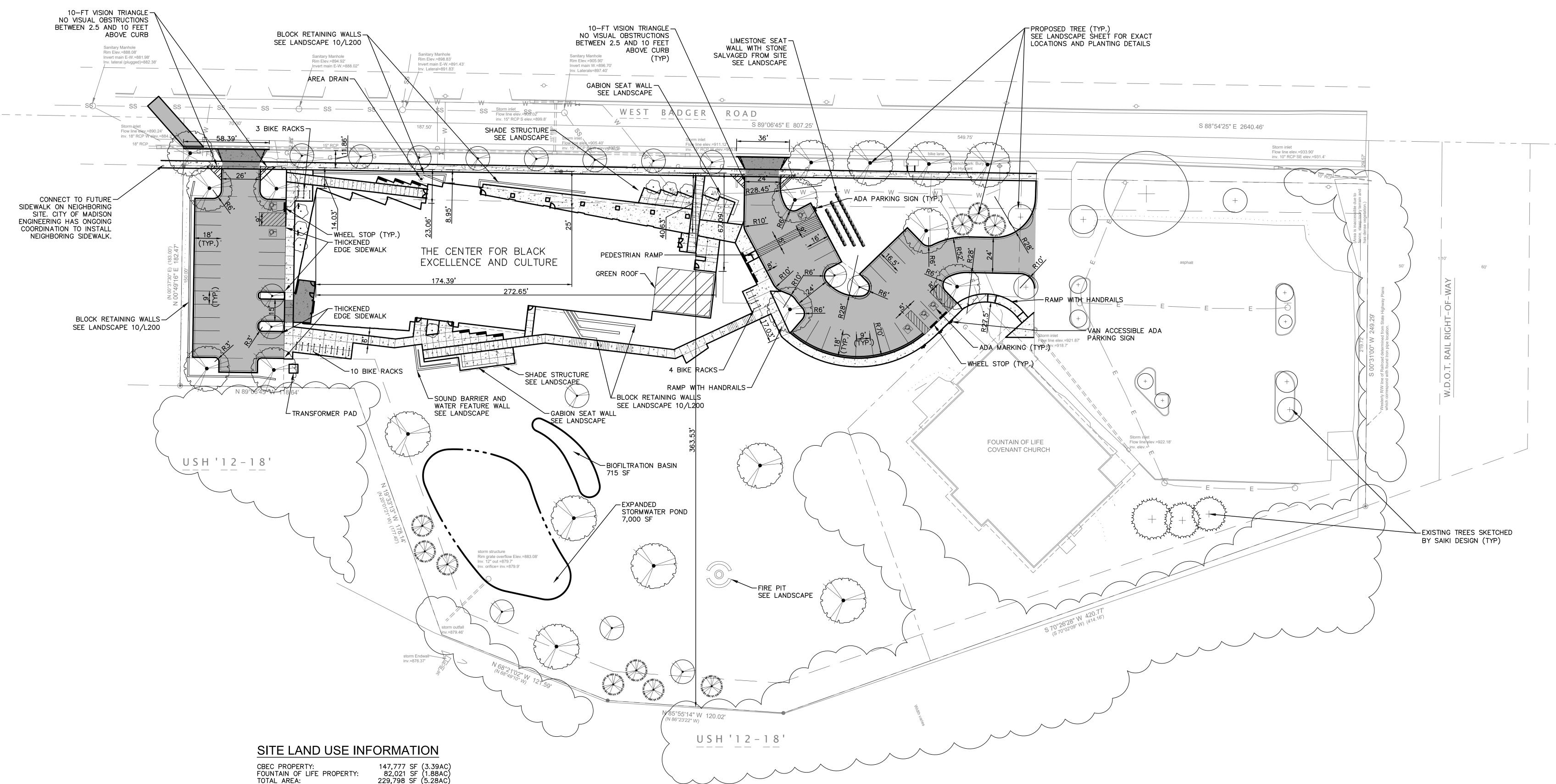
-EROSION MAT -STONE CONSTRUCTION ENTRANCE

-INLET PROTECTION

-TREE / BOLLARD / SIGN REMOVAL · calcological contraction - RIP RAP







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SITE LAND USE INFORMATION						
CBEC PROPERTY:	147,777 SF (3.39AC)					
FOUNTAIN OF LIFE PROPERTY:	82,021 SF (1.88AC)					
TOTAL AREA:	229,798 SF (5.28AC)					

CBEC SITE DATA: BUILDING AREA: ROOF AREA: GREEN AREA: SET BACKS:

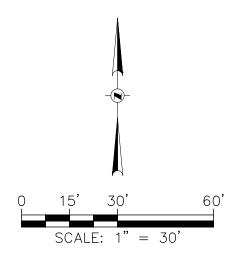
20,918 SF (0.48AC) 23,334 SF (0.54AC) 92,342 SF (2.12AC)

TOD STREET FACING FAÇAD: 30% NO MORE THAN 20FT REAR YARD: 20–FT SIDE YARD: 5-FT

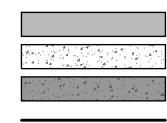
TOTAL NUMBER OF STALLS: 33 ACCESSIBLE SURFACE STALLS: 6

TOTAL NUMBER OF BIKE PARKING STALLS:

EXISTING CBEC PROPERTY IMPERVIOUS SURFACE AREA: 47,336 SF (1.087 AC) NEW CBEC PROPERTY IMPERVIOUS SURFACE AREA: 55,435 SF (1.27 AC) ROOF TOP IMPERVIOUS: 23,334 SF (0.54 AC) PAVED AREA: 28,167 SF (0.65 AC)



## LEGEND

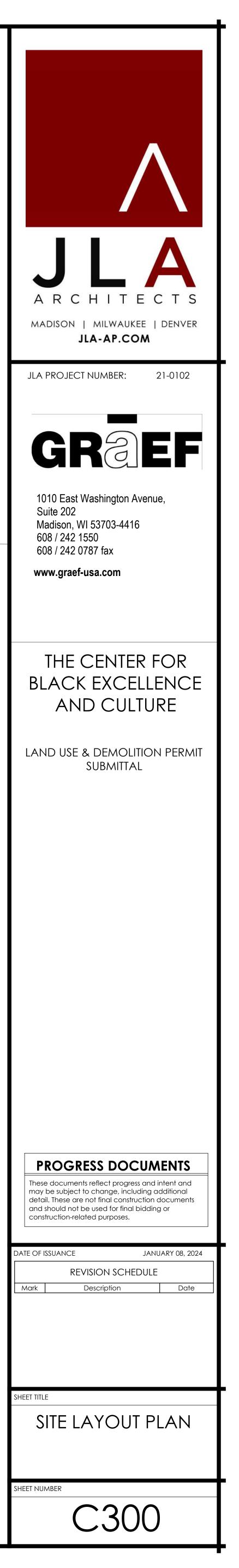


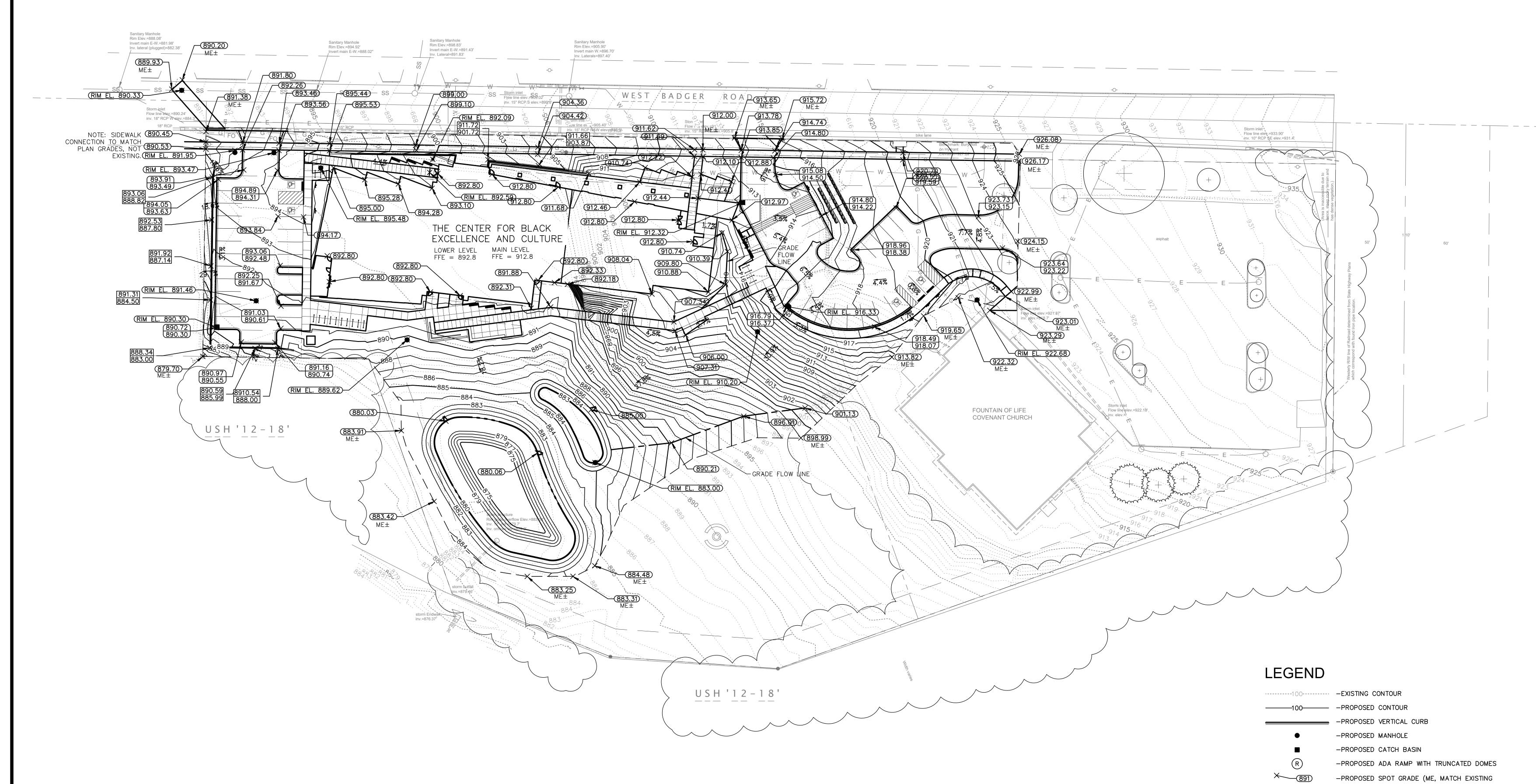
-PROPOSED ASPHALT PAVEMENT -PROPOSED CONCRETE SIDEWALK -PROPOSED CONCRETE PAVEMENT -PROPOSED VERTICAL CURB

GENERAL NOTES 1. SEE C900 FOR GENERAL NOTES..

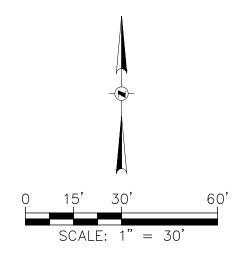
LAYOUT NOTES

1. SEE C900 FOR SITE LAYOUT NOTES.





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### GENERAL NOTES

1. SEE C900 FOR GENERAL NOTES..

X 890.10 889.68

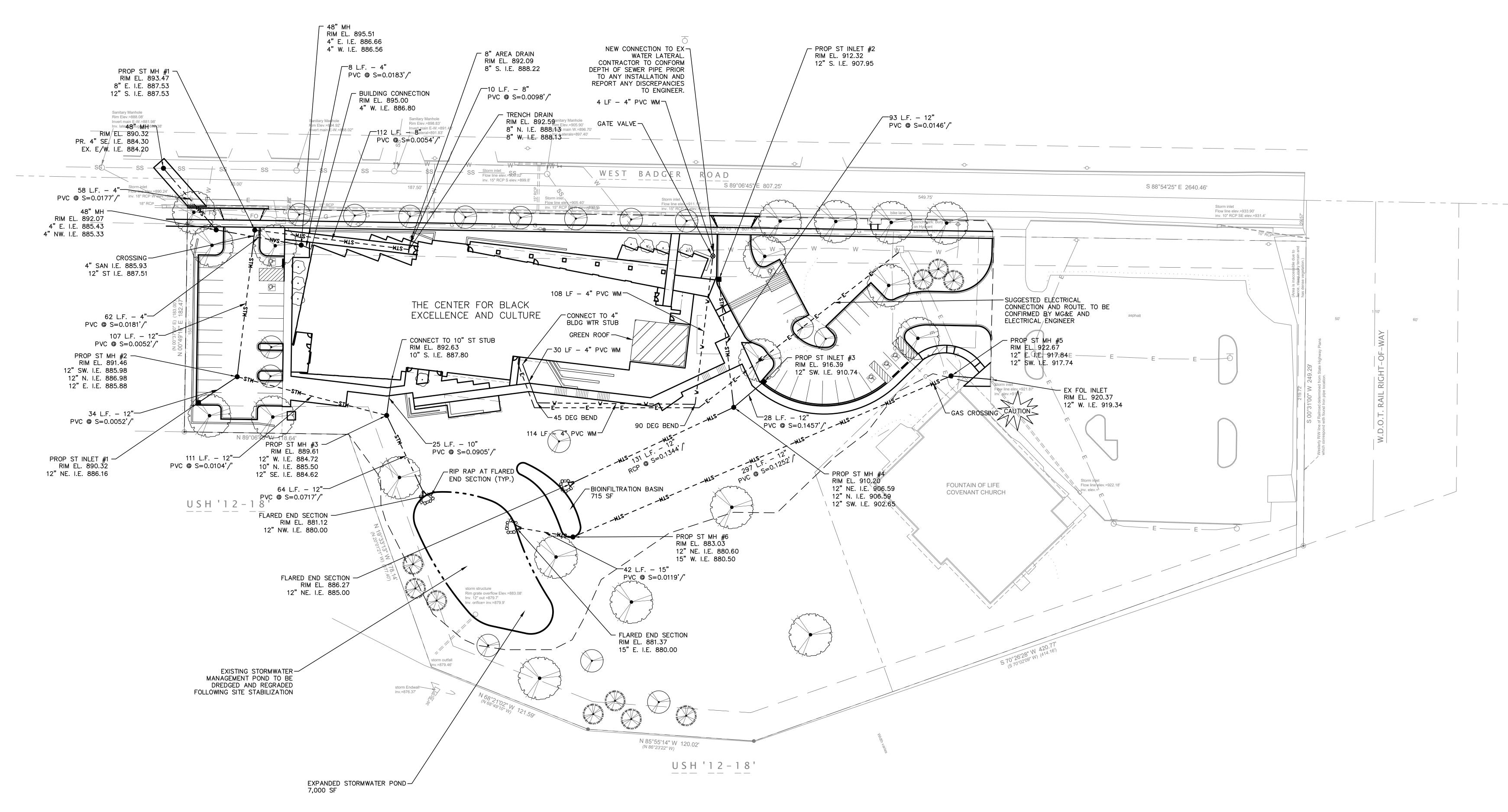
X <u>899.25</u> 897.25 -PROPOSED CURB, TOP OF CURB/FLANGE LINE

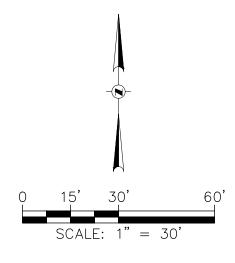
-PROPOSED TOP/BOTTOM OF WALL

### **GRADING NOTES**

1. SEE C900 FOR GRADING NOTES.







### **GENERAL NOTES**

1. SEE C900 FOR GENERAL NOTES..

### UTILITY NOTES

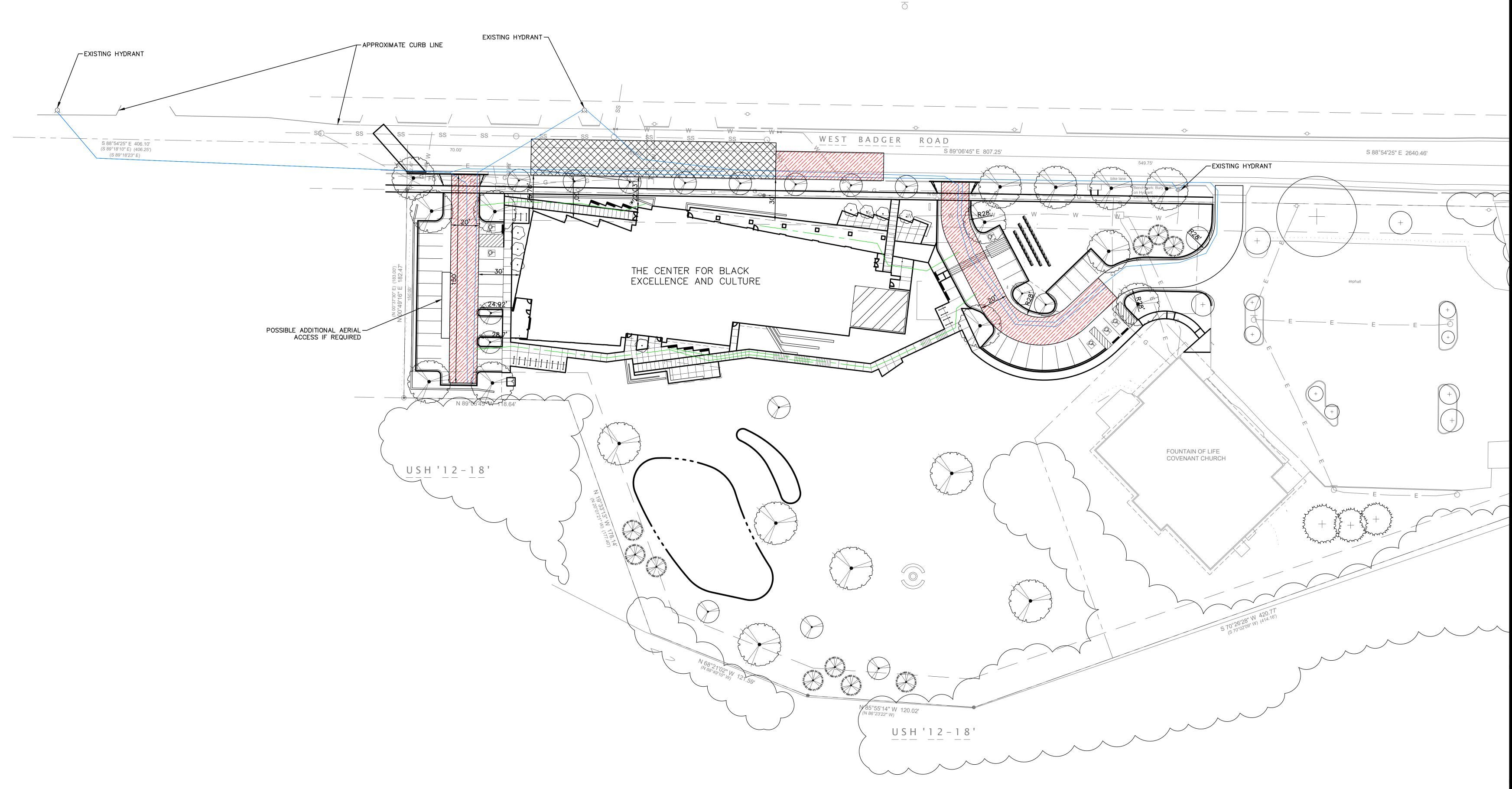
1. SEE C900 FOR UTILITY NOTES.

## LEGEND

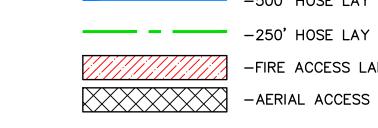
— STM— — — — —	-PROPOSED	STORM SEWER
— SAN— — — — —	-PROPOSED	SANITARY SE
— v —	-PROPOSED	WATER MAIN
——Е— — — ——	-PROPOSED	ELECTRICAL
•	-PROPOSED	MANHOLE
	-PROPOSED	CATCH BASIN
8	-PROPOSED	GATE VALVE

OPOSED STORM SEWER OPOSED SANITARY SEWER OPOSED WATER MAIN OPOSED ELECTRICAL OPOSED MANHOLE OPOSED CATCH BASIN





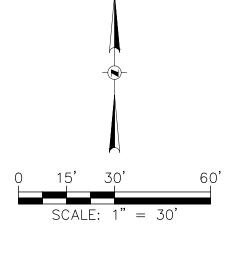
## LEGEND



-500' HOSE LAY FROM HYDRANT -250' HOSE LAY FROM FIRE LANE -FIRE ACCESS LANE

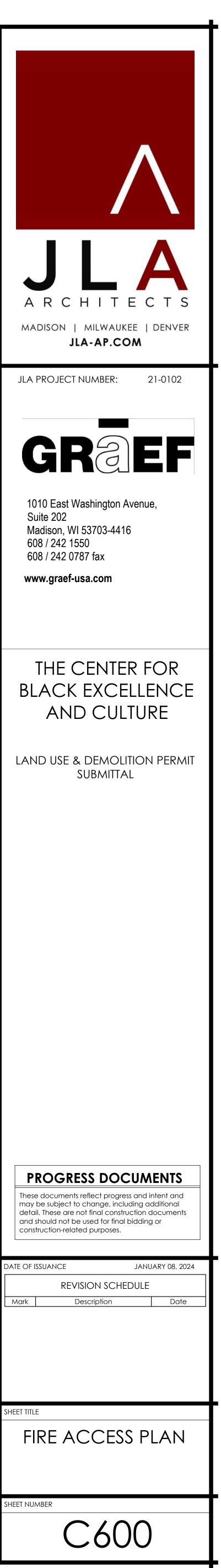
AERIAL ACCESS COVERAGE

TOTAL AERIAL ACCESS LENGTH:193 LFBUILDING ROOF PERIMETER:760 LFPERIMETER COVERAGE:25.4%



## **GENERAL NOTES**

1. SEE C900 FOR GENERAL NOTES..



## **GENERAL NOTES**

- 1. THE BASE SURVEY WAS PREPARED BY ISTHMUS SURVEYING IN 2016. ALL UNDERGROUND UTILITIES AND STRUCTURES HAVE BEEN SHOWN TO A REASONABLE DEGREE OF ACCURACY AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THEIR EXACT LOCATION AND TO AVOID DAMAGE THERETO.
- 2. REFER TO SHEET C100 FOR BENCHMARKS, DATUM, AND TOPOGRAPHIC ELEMENTS.
- 3. CONTRACTOR SHALL VERIFY LOCATION OF WORK AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO COMMENCING WORK.

## **REMOVAL NOTES**

- 1. EXISTING CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AND DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER PRIOR TO COMMENCING WORK.
- 2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LINES NOTED FOR ABANDONMENT OR REMOVAL. EXISTING UTILITIES THAT ARE TO BE ABANDONED OR REMOVED SHALL BE RESPECTIVELY ABANDONED OR REMOVED TO THE LOCATIONS INDICATED ON THIS PLAN. ALL UTILITY STRUCTURES LOCATED ALONG REMOVED UTILITY LINES SHALL BE REMOVED IN THEIR ENTIRETY.
- 3. ASPHALT PAVEMENT NOTED FOR REMOVAL SHALL BE SAW CUT TO FULL DEPTH PRIOR TO REMOVAL.
- 4. CONCRETE CURB AND GUTTER AND SIDEWALK NOTED FOR REMOVAL SHALL BE REMOVED AT THE NEAREST JOINT.
- 5. ITEMS SCHEDULED FOR REMOVAL AND EXCESS EXCAVATED MATERIALS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ANY APPLICABLE REGULATIONS.
- 6. CONTRACTOR IS RESPONSIBLE FOR SECURING THE JOB SITE TO PROTECT THE PUBLIC.
- 7. CONTRACTOR SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL CODES, RULES AND REGULATIONS APPLICABLE TO DEMOLITION WORK INCLUDING BUT NOT LIMITED TO EROSION CONTROL, AIR POLLUTION, NOISE POLLUTION, AND WASTE DISPOSAL.
- 8. CONTRACTOR SHALL REPLACE PAVEMENT, CURB AND GUTTER, TREES, LAWN AREA, ANY ABOVE GROUND APPURTENCES, OR ANY OTHER ITEM THAT WAS DAMAGED AS A RESULT OF CONSTRUCTION RELATED ACTIVITIES AS DEEMED BY OWNERS REPRESENTATIVE THAT WAS NOT CALLED OUT FOR REMOVAL OR REPLACEMENT. CONTRACTOR SHALL REPLACE/REPAIR DAMAGED ITEM TO THE SATISFACTION OF OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
- 9. TREE PROTECTION FENCING LOCATIONS SHOWN ARE APPROXIMATE. ALL EXISTING TREES OUTSIDE OF GRADING LIMITS ARE INTENDED TO REMAIN. FINAL LOCATIONS OF FENCING SHALL BE DETERMINED IN THE FIELD AND AS IDENTIFIED ON CONSTRUCTION DETAILS. ADDITIONAL FENCING MAY BE REQUIRED. COORDINATE WITH OWNER'S REPRESENTATIVE. TREE PROTECTION FENCE SHALL REMAIN IN PLACE THROUGHOUT CONSTRUCTION.

## LAYOUT NOTES

- 1. THE BUILDING OUTLINES SHOWN ARE FOR REFERENCE PURPOSES ONLY AND SHALL NOT BE USED FOR STAKING PURPOSES. THE CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT AND STRUCTURAL ENGINEER ON THE STAKING OF THE BUILDING.
- 2. SITE LIGHTS ARE SHOWN FOR REFERENCE PURPOSES ONLY AND THE CONTRACTOR SHALL REFER TO THE ELECTRICAL PLANS FOR DETAIL DESIGN INFORMATION. CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL ENGINEER ON STAKING OF THE SITE LIGHTS.
- 3. ALL DIMENSIONS SHOWN ARE TO THE EDGE OF PAVEMENT OR FACE OF CURB WHERE CONCRETE CURB IS SHOWN.
- 4. STANDARD CURB RADIUS IS 3' UNLESS INDICATED OTHERWISE.
- 5. ALL PAVEMENT STRIPING SHALL BE WHITE IN COLOR.
- 6. REFER TO LANDSCAPING PLANS FOR SITE RESTORATION INFORMATION AND DETAILS.
- 7. HANDICAP PARKING STALLS SHALL BE FURNISHED WITH A CONCRETE WHEEL STOP WHEN ADJACENT TO FLUSH CONCRETE CURB AND GUTTER.
- 8. CONTRACTOR SHALL SUBMIT A CONCRETE JOINTING PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION. JOINTING PLAN SHALL INDICATE: POUR SEQUENCE, LOCATION OF CONSTRUCTION, ISOLATION, CONTRACTION JOINTS, AND TYPE OF REINFORCEMENT.

## **EROSION CONTROL NOTES**

- CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF MADISON, AND SHALL EMPLOY EROSION CONTROL METHODS AS SHOWN AND SPECIFIED IN THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS".
- 2. ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
- 3. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE EVERY WEEK. MAINTENANCE OF ALL EROSION CONTROL STRUCTURES SHALL BE PROVIDED TO INSURE INTENDED PURPOSE IS ACCOMPLISHED. REPAIRS AND MAINTENANCE SHALL BE COMPLETED WITHIN 24 HOURS OF INSPECTION. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP AND REMOVAL OF ALL SEDIMENT WHEN LEAVING PROPERTY. EROSION CONTROL MEASURES MUST BE IN WORKING CONDITION AT END OF EACH WORK DAY.
- 4. SILT FENCE SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. SEDIMENT DEPOSITS WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN DEPOSITS REACH A DEPTH OF 6 INCHES. THE SILT FENCE WILL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN A BARRIER.
- 5. FILTER FABRIC SHALL BE INSTALLED BENEATH INLET COVERS TO TRAP SEDIMENT AS PER INLET PROTECTION DETAIL IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS.
- 6. CRUSHED STONE ENTRANCE SHALL BE MAINTAINED BY TURNING OVER THE STONE OR BY PLACING NEW STONE ONCE THE SURFACE BECOMES CLOGGED WITH SEDIMENT.
- 7. EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL SITE IS FULLY STABILIZED.
- 8. PERIODIC STREET SWEEPING SHALL BE COMPLETED TO MAINTAIN THE PUBLIC STREET FREE OF DUST AND DIRT.
- 9. SILT FENCE SHALL BE INSTALLED IN HORSESHOE FASHION AROUND ALL TOPSOIL AND FILL STOCKPILES. NOTIFY CITY OF MADISON OF ANY NEW STOCKPILE LOCATIONS.
- 10. CONSTRUCTION SEQUENCE FOR EROSION CONTROL INCLUDES:
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
   INSTALL SILT FENCE AND INLET PROTECTION.
- 3. STRIP TOPSOIL IN TEMPORARY SEDIMENT BASIN AREA
- 4. INSTALL SEDIMENT BASIN AND OUTLET CONTROL STRUCTURE. STABILIZE IMMEDIATELY AFTER INSTALLATION.
- 5. STRIP TOPSOIL AND INSTALL TEMPORARY DIVERSIONS TO DIRECT RUNOFF TO SEDIMENT BASIN.
- 6. STRIP TOPSOIL FROM REMAINDER OF SITE. 7 PERFORM ROUGH GRADING AND BUILDING F
- 7. PERFORM ROUGH GRADING AND BUILDING EXCAVATION. ADJUST DIVERSION DITCHES AS NEEDED TO MAINTAIN DRAINAGE TO SEDIMENT BASIN.
- INSTALL UTILITIES. INSTALL INLET PROTECTION ON NEW INLETS. INSTALL RIPRAP AT NEW OUTFALLS.
   CONSTRUCT BUILDING.
- 10. INSTALL PAVEMENTS.
- 11. INSTALL LANDSCAPING ON COMPLETED SITE WITHIN 7 DAYS OF COMPLETING CONSTRUCTION.
- 12. REMOVE TEMPORARY SEDIMENTATION BASIN
- 13. REMOVE EROSION CONTROL MEASURES ONLY WHEN SITE IS FULLY STABILIZED.
- 11. SITE DEWATERING. WATER PUMPED FROM THE SITE SHALL BE TREATED BY SEDIMENT BASINS OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICES SPECIFIED IN THE WDNR "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS". WATER SHALL NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, ADJACENT SITES, OR RECEIVING CHANNELS.
- 12. WASTE AND MATERIAL DISPOSAL. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
- 13. TRACKING. EACH SITE SHALL HAVE GRAVELED ROADS, ACCESS DRIVES AND PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING, TO THE SATISFACTION OF THE CITY, BEFORE THE END OF EACH WORKDAY. FLUSHING MAY NOT BE USED UNLESS SEDIMENT WILL BE CONTROLLED BY A SEDIMENT BASIN OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICE SPECIFIED IN THE WDNR "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS". NOTIFY CITY OF MADISON FOR CHANGES IN STABILIZED CONSTRUCTION ENTRANCE LOCATION.
- 14. SEDIMENT CLEANUP. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OTHER OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE CLEANED UP BY THE END OF THE THE WORK DAY.
- 15. ALL DISTURBED GROUND LEFT INACTIVE FOR SEVEN OR MORE DAYS SHALL BE STABILIZED BY TEMPORARY OR PERMANENT SEEDING, AND MULCHING SODDING, COVERING WITH TARPS, OR EQUIVALENT BEST MANAGEMENT PRACTICES. IF TEMPORARY SEEDING IS USED, A PERMANENT COVER SHALL ALSO BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION. SEEDING OR SODDING SHALL BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION.
- 16. PERMANENT SEEDING SHALL BE ESTABLISHED NO LATER THAN SEPTEMBER

15TH. IF PERMANENT SEEDING IS NOT ESTABLISHED, TEMPORARY SEEDING SHALL BE ESTABLISHED NO LATER THAN OCTOBER 15TH. ALL SEEDED AREAS MUST BE MULCHED AT A RATE OF 1.5 TO 2 TONS PER ACRE AND ANCHORED BY EITHER CRIMPING OR BY APPLYING A TACKIFIER.

- 17. PERMANENT SEED MIX SHALL BE WISDOT SEED MIX NO. 40 AT 7 POUNDS PER 1000 SQUARE FEET.
- 18. USE ANNUAL RYE SEED MIX AT 100 POUNDS PER ACRE AS A TEMPORARY SEED MIX. PERMANENT SEEDING SHALL FOLLOW WITHIN ONE YEAR. IF TEMPORARY SEEDING IS NOT ESTABLISHED BY OCTOBER 15TH, USE CLASS I TYPE B MATTING ON ALL SLOPES 4:1 OR STEEPER.
- 19. SOIL OR DIRT STORAGE PILES SHALL BE LOCATED A MINIMUM OF TWENTY-FIVE FEET FROM ANY DOWNSLOPE ROAD, LAKE, STREAM, WETLAND, OR DRAINAGE CHANNEL. STRAW BALE OR FILTER FABRIC FENCES SHALL BE PLACED ON THE DOWN SLOPE SIDE OF THE PILE. IF REMAINING FOR MORE THAN THIRTY DAYS. PILES SHALL BE STABILIZED BY MULCHING, VEGETATIVE COVER, TARPS, OR OTHER MEANS.
- 20. WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS, TEMPORARY BEST MANAGEMENT PRACTICES SUCH AS FILTER FABRIC FENCES, STRAW BALES, SEDIMENT AND SEDIMENT TRAPS SHALL BE REMOVED.
- 21. NOTIFY THE CITY WITHIN TWO WORKING DAYS OF COMMENCING ANY LAND DEVELOPMENT OR LAND DISTURBING ACTIVITY.
- 22. NOTIFY THE CITY OF COMPLETION OF ANY BEST MANAGEMENT PRACTICES WITHIN THE NEXT WORKING DAY AFTER THEIR INSTALLATION.
- 23. OBTAIN PERMISSION IN WRITING FROM THE CITY OF MADISON ENGINEERING DEPARTMENT PRIOR TO MODIFYING THE EROSION CONTROL PLAN. NOTIFY WDNR AT LEAST FIVE WORKING DAYS PRIOR TO IMPLEMENTING CHANGES TO THE EROSION CONTROL PLAN.
- 24. REPAIR ANY SILTATION OR EROSION DAMAGE TO ADJOINING SURFACES AND DRAINAGE WAYS RESULTING FROM LAND DEVELOPMENT OR LAND DISTURBING ACTIVITIES.
- 25. KEEP A COPY OF THE EROSION CONTROL PLAN ON SITE. INTERSECTING DIRECTIONS.

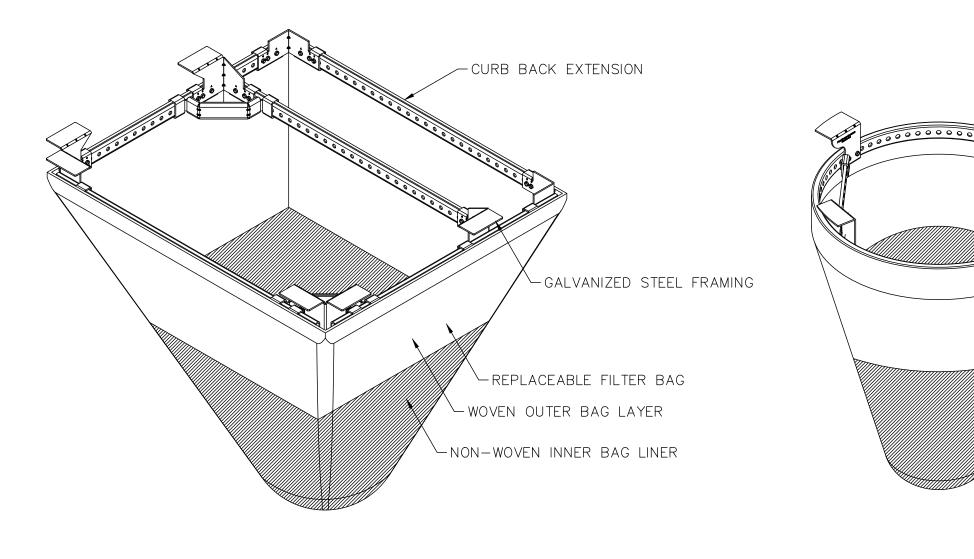
## GRADING NOTES

- 1. ADA REGULATIONS FOR A NON-RAMP ACCESSIBLE REQUIRE A MAXIMUM SLOPE OF 1:20 (5%) ALONG THE LENGTH OF THE ROUTE AND A MAXIMUM CROSS SLOPE OF 1:48 (2.08%) ACROSS THE WIDTH OF THE ROUTE.
- 2. ADA REGULATIONS FOR ACCESSIBLE PARKING, ACCESS AISLES, AND PASSENGER LOADING ZONES REQUIRES A MAXIMUM SLOPE OF 1:48 (2.08%) ALONG THE LENGTH OF ACCESSIBLE ZONE AND 1:48 (2.08%) ACROSS THE WIDTH OF THE ACCESSIBLE ZONE.
- 3. ACCESSIBLE AREAS DESCRIBED ABOVE SHALL BE MEASURED IN ACCORDANCE WITH THE US ACCESS BOARD REPORT "DIMENSIONAL TOLERANCES IN CONSTRUCTION AND FOR SURFACE ACCESSIBILITY" PART II, SECTION 4, 1.1 MEASUREMENT PROTOCOLS.

## UTILITY NOTES

- 1. CONTRACTOR SHALL VERIFY ELEVATION OF EXISTING INVERTS PRIOR TO INSTALLATION OF PROPOSED UTILITIES.
- 2. BUILDING LATERALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH LOCAL AND STATE PLUMBING CODES. SITE UTILITY CONTRACTOR SHALL STUB LATERAL TO 5 FEET OUTSIDE BUILDING. SEE INTERIOR PLUMBING PLANS FOR CONTINUATION OF PIPING INTO BUILDING BY BUILDING PLUMBING CONTRACTOR IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, LATEST EDITION.
- 3. CONTRACTOR SHALL CENTER ONE FULL LENGTH OF WATER PIPE ON SEWER AT WATER MAIN CROSSINGS, THAT BOTH JOINTS WILL BE AS FAR FROM SEWER AS POSSIBLE.
- 4. GENERAL CONTRACTOR SHALL COORDINATE WITH LOCAL GAS, TELEPHONE, AND ELECTRICAL UTILITIES FOR EXACT LOCATION, SIZE AND DEPTH OF NEW SERVICE.
- 5. SANITARY SEWER SHALL BE PVC, ASTM D3034, SDR 35 UNLESS INDICATED OTHERWISE.
- 6. WATER MAIN SHALL BE AWWA C900, CLASS 150, DR-18 PVC UNLESS INDICATED OTHERWISE.
- 7. ALL SANITARY PRECAST MANHOLES SHALL CONFORM TO ASTM C-478 AND SHALL BE A MINIMUM OF 48-INCH DIAMETER WITH ECCENTRIC CONE TYPE PRECAST TOPS AND SHALL BE FITTED WITH AN EXTERNAL SEAL. FLAT TOP SLABS SHALL BE USED ONLY WITH APPROVAL OF THE VILLAGE ENGINEER.
- 8. CONTRACTOR SHALL PROVIDE DRAIN TILE AT ALL PROPOSED CATCH BASINS. SEE PLAN VIEW FOR DETAIL DESIGN INFORMATION.
- 9. BUILDING ROOF DRAINS SHALL BE SDR-35, ASTM D3034, PVC, UNLESS OTHERWISE NOTED.
- 10. RIM ELEVATIONS IN CURB AND GUTTER ARE FLANGE GRADES.
- 11. PIPE LENGTHS AND INVERTS ARE TO CENTER OF STRUCTURES.
- 12. CRUSHED STONE BACKFILL SHALL BE USED UNDER AND WITHIN 5' OF ALL PAVED AREAS.





TYPICAL RECTANGULAR INLET FILTER

## TYPICAL ROUND INLET FILTER

ASTM D8057 REQUIREMENTS

SCALE

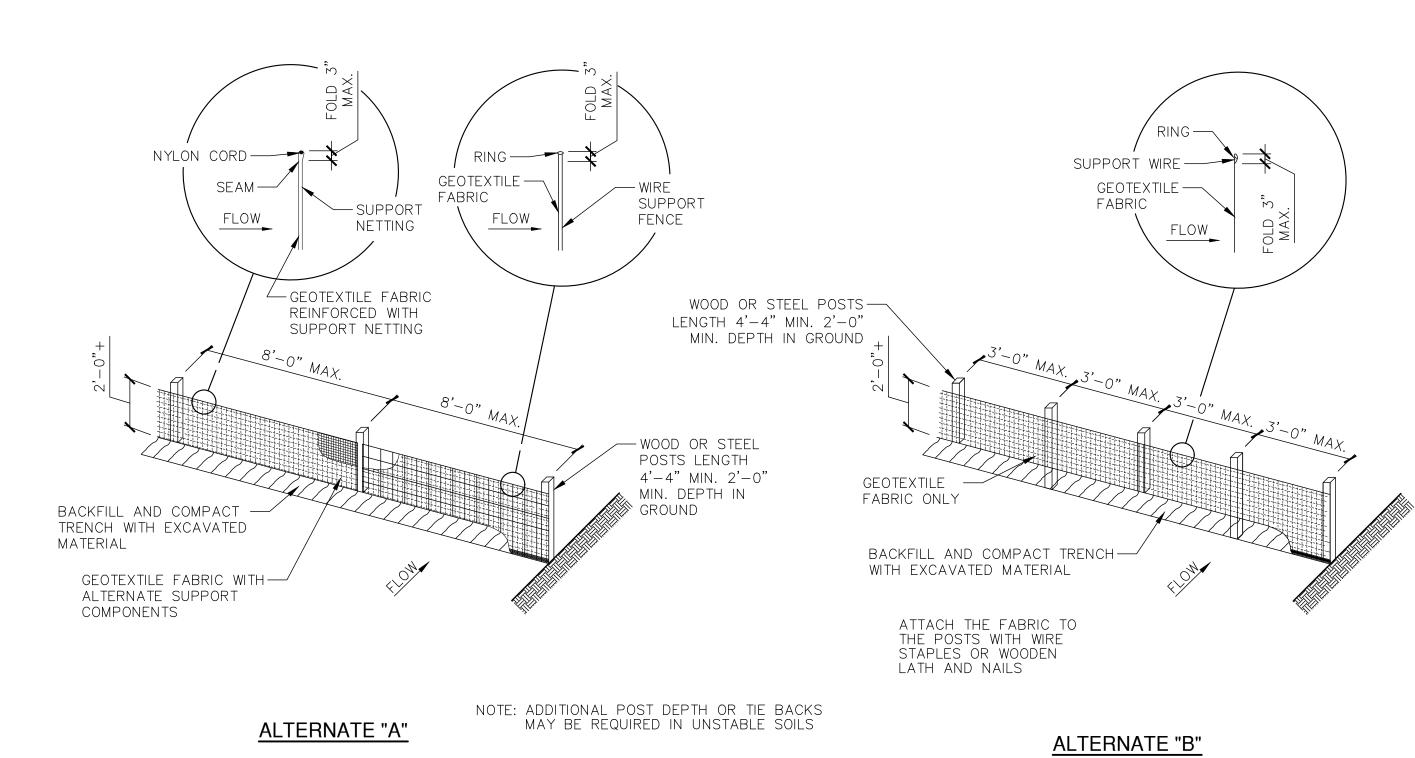
- FILTER SYSTEM CONSISTS OF RIGID FRAME AND REMOVABLE GEOSYNTHETIC BAG
- FILTER BAG SIZED TO MEET TREATMENT FLOW RATE OF THE DRAINAGE LOCATION • BAG MAINTAINS SHAPE TO BE EXTRACTED WHEN COMPLETELY FILLED WITH SEDIMENT
- RIGID FRAME CAPABLE OF SUPPORTING FULL LOAD OF SEDIMENT WITH GRATE REMOVED
- FRAME DOES NOT INTERFERE OR ELEVATE GRATE BY MORE THAN 1/8"
- BYPASS FLOW EXCEEDS DESIGN FLOW OF DRAINAGE LOCATION

**RIGID FRAME INLET PROTECTION** 

• FILTER BAG ACHIEVES >80% FILTRATION EFFICIENCY PER ASTM D7351 OR ASTM D5141

MAINTENANCE GUIDELINES

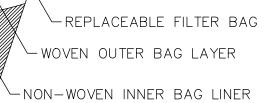
- DRAINAGE STRUCTURE
- CONTRACT FILTER BAG





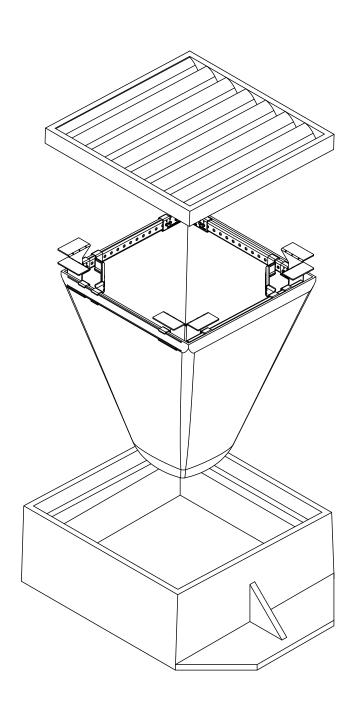


GALVANIZED STEEL FRAMING



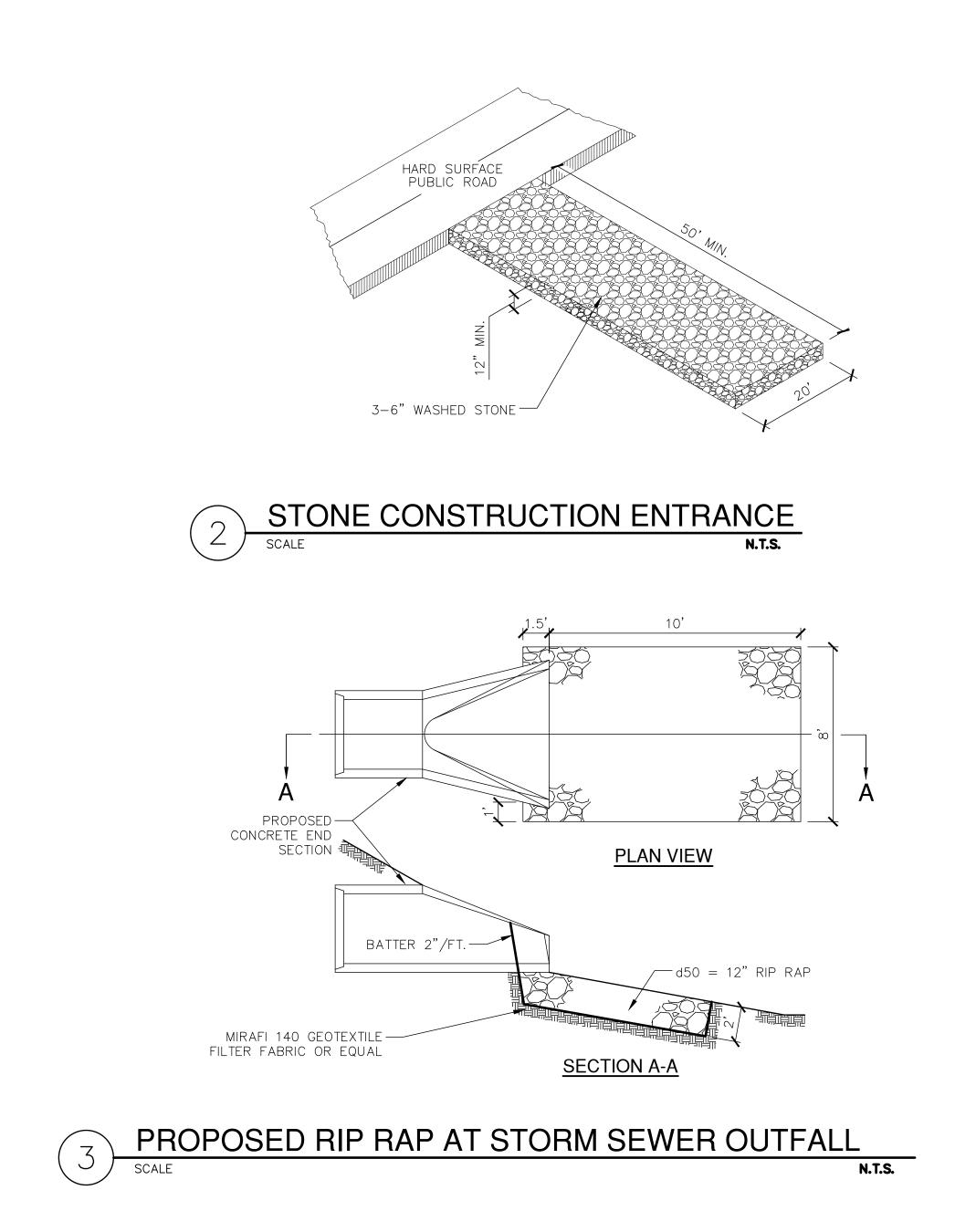
1. EMPTY THE SEDIMENT BAG IF MORE THAN HALF FILLED WITH SEDIMENT AND DEBRIS 2. REMOVE THE GRATE, ENGAGE THE LIFTING POINTS, AND LIFT FILTER FROM THE

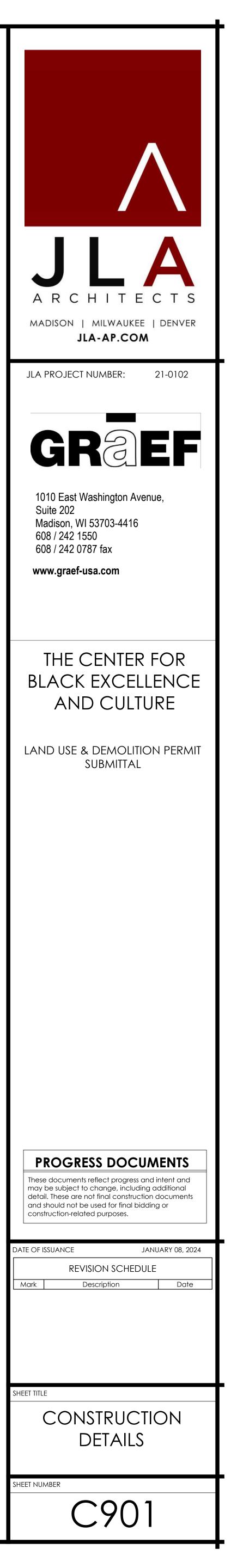
- 3. DISPOSE OF SEDIMENT AND DEBRIS AS DIRECTED BY THE ENGINEER OF MAINTENANCE
- 4. ALTERNATIVELY, AN INDUSTRIAL VACUUM CAN BE USED TO COLLECT SEDIMENT FROM

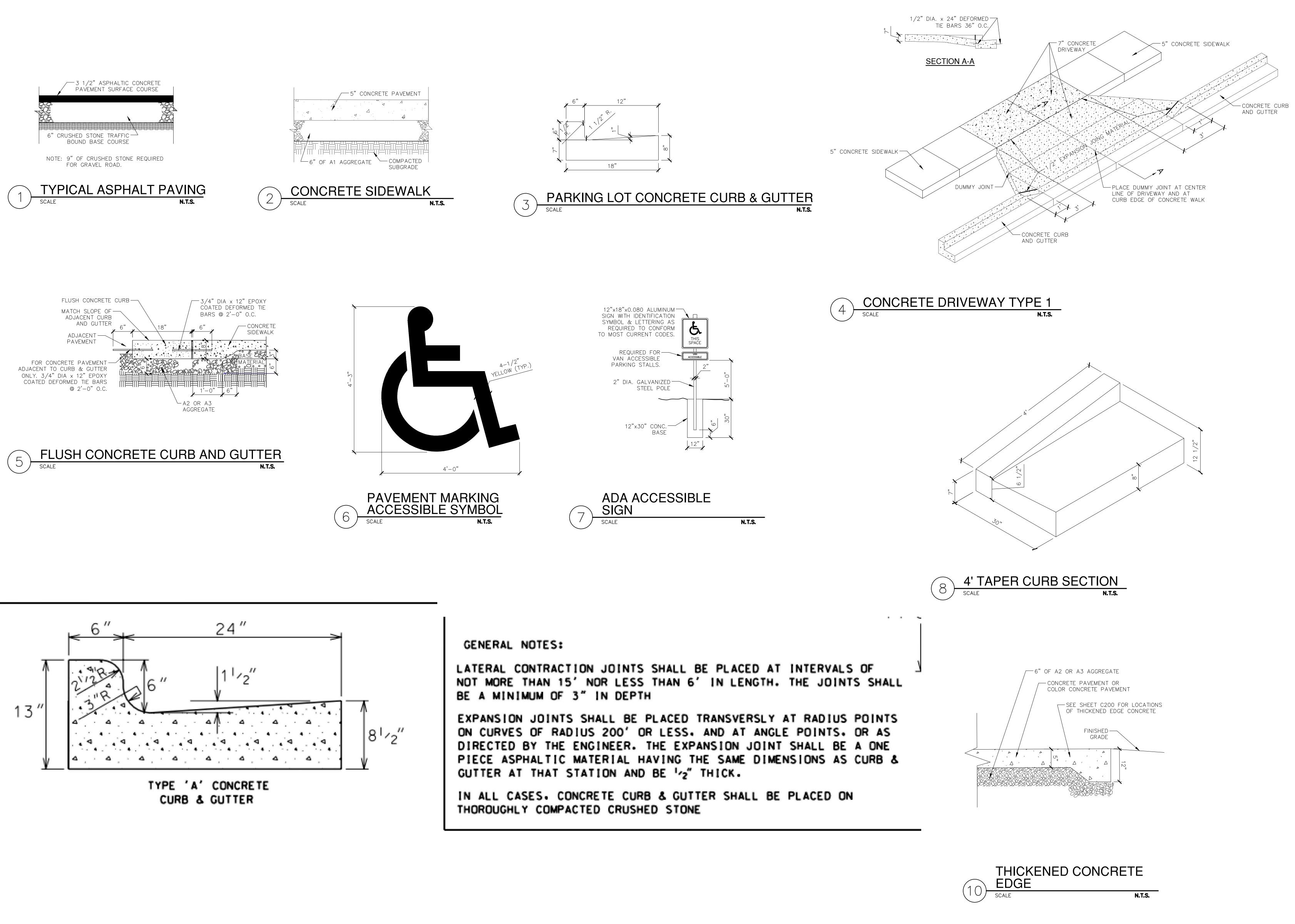


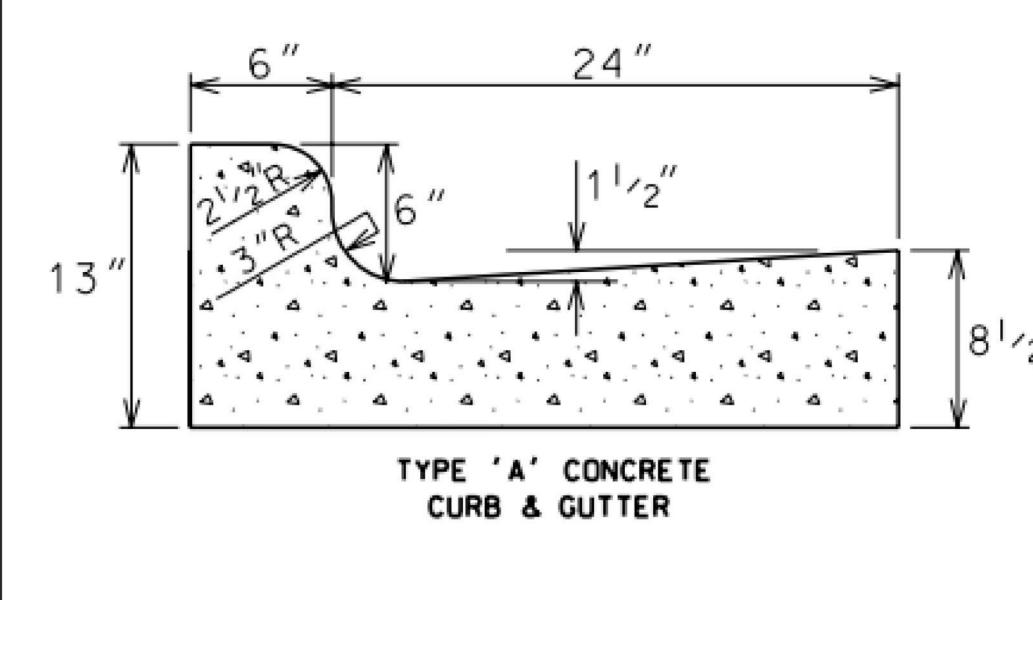
INSTALLATION INSTRUCTIONS

- 1. REMOVE GATE FROM THE DRAINAGE STRUCTURE
- 2. CLEAN STONE AND DIRT FROM LEDGE (LIP) OF DRAINAGE STRUCTURE
- 3. DROP THE INLET FILTER THROUGH THE CLEAR OPENING SUCH THAT THE HANGERS REST FIRMLY ON THE LIP OF THE STRUCTURE
- 4. REPLACE THE GRATE AND CONFIRM IT IS NOT ELEVATED MORE THAN 1/8"

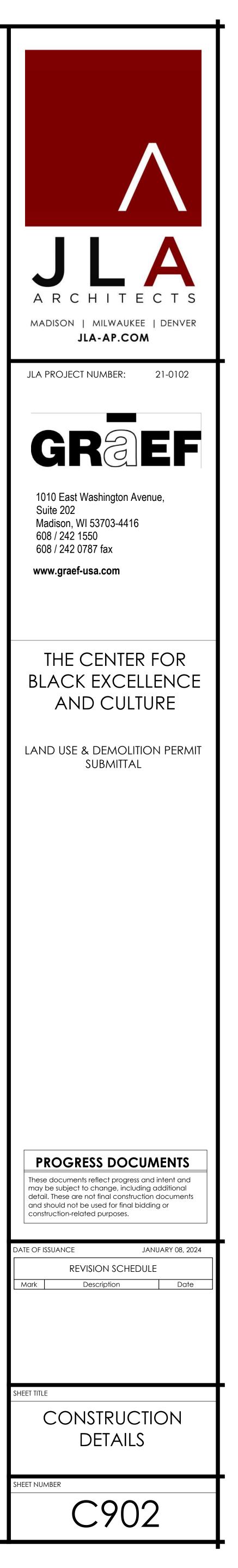


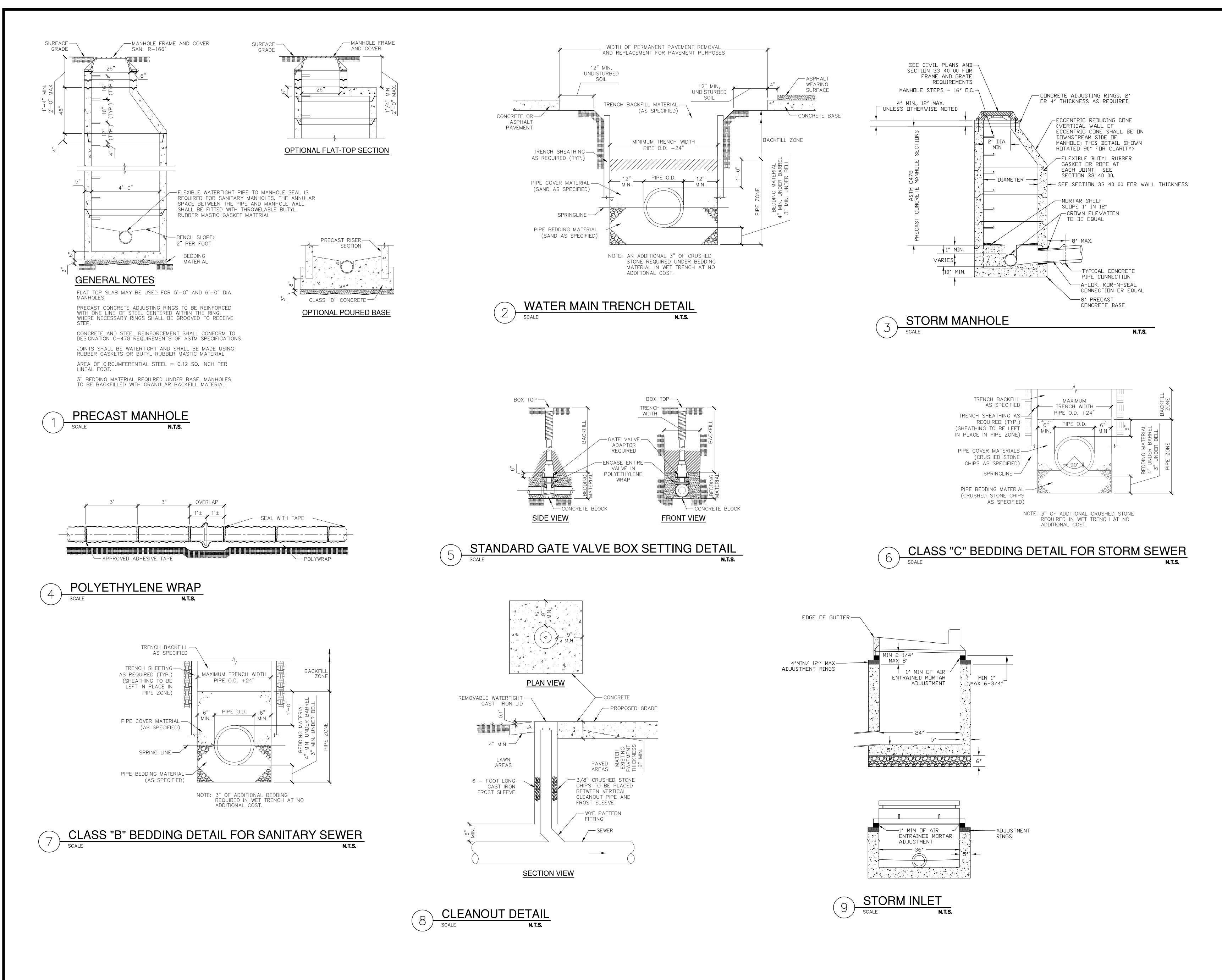


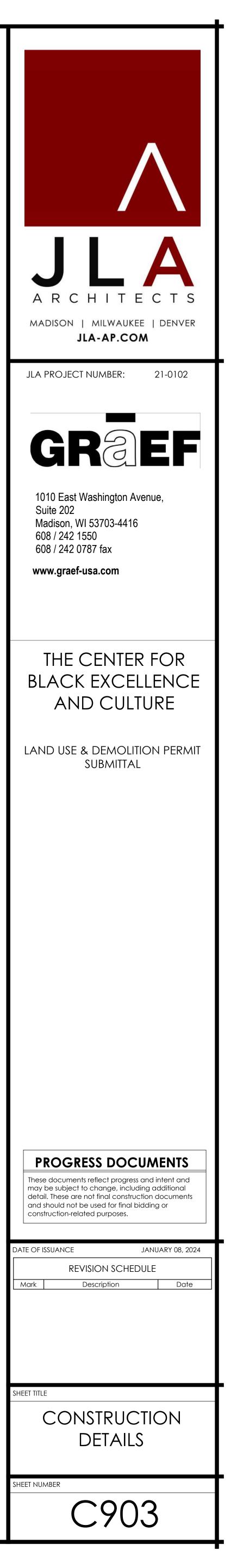










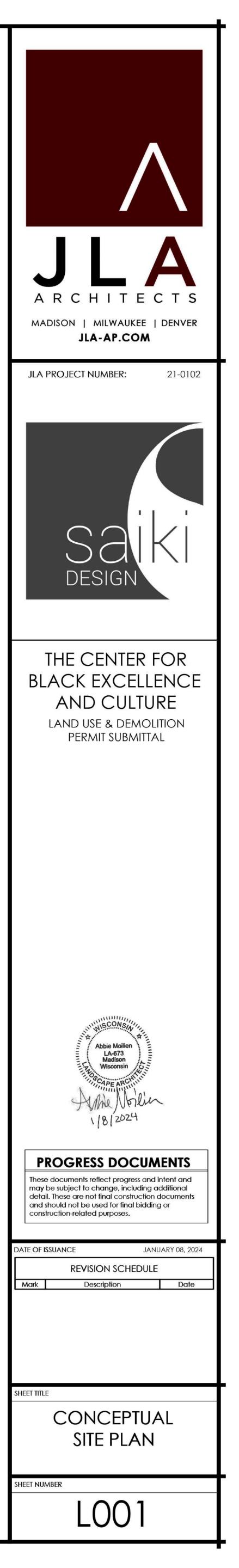


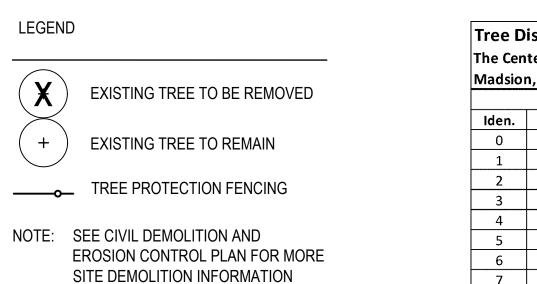






40'





The Cen	ree Disposition Schedule he Center for Black Excellence and Culture ladsion, WI								
lden.	Cal.	Species	Dispositio						
0	n/a	Mixed Small Trees	Remove						
1	8"	Hackberry	Remove						
2	9"	Hackberry	Remove						
3	6"	Maple	Remove						
4	9"	Birch	Remove						
5	10"	Birch	Remove						
6	8"	Maple	Remove						
7	11"	Elm	Remove						
8	12"	Honeylocust	Remove						
9	6"	Maple	Remain						
10	3"	Honeylocust	Remian						
11	n/a	Mixed Trees	Remian						
12	n/a	Mixed Trees	Remian						
13	n/a	Mixed Trees	Remain						

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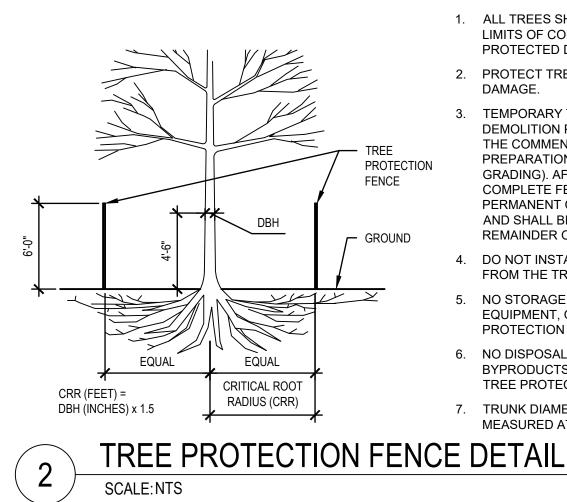


## ES

URVEY INFORMATION AND SITE INS PRIOR TO START OF CONSTRUCTION ORT ANY DISCREPANCIES. CONTRACTOR NTACT DIGGER'S HOTLINE TO LOCATE IC AND PRIVATE UTILITIES PRIOR TO THE CONSTRUCTION. ANY DAMAGE CAUSED ING UTILITIES, EITHER SHOWN OR NOT, REPAIRED AND PAID FOR AT THE TOR'S EXPENSE.

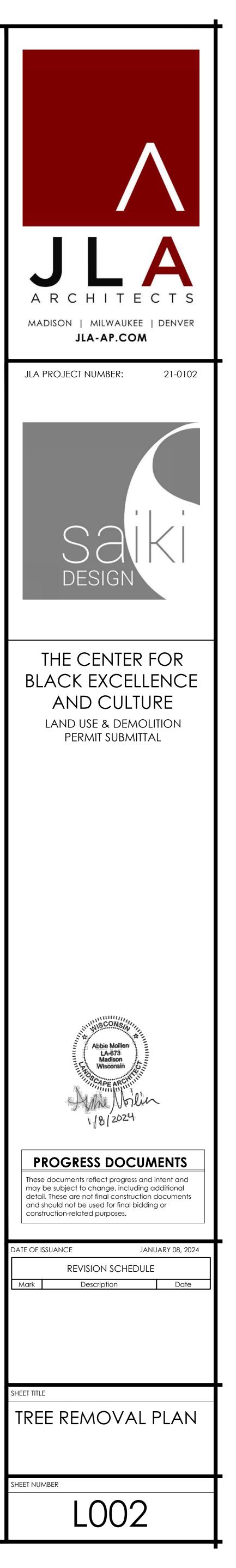
TOR SHALL PROTECT BENCHMARKS. TING PLANT MATERIAL IS SHOWN AT , APPROXIMATED SIZE PER CITY OF STANDARDS.

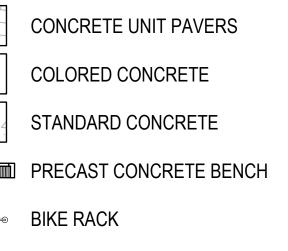
CONTRACTOR'S RESPONSIBILITY TO FIELD **4**. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHOSE DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.



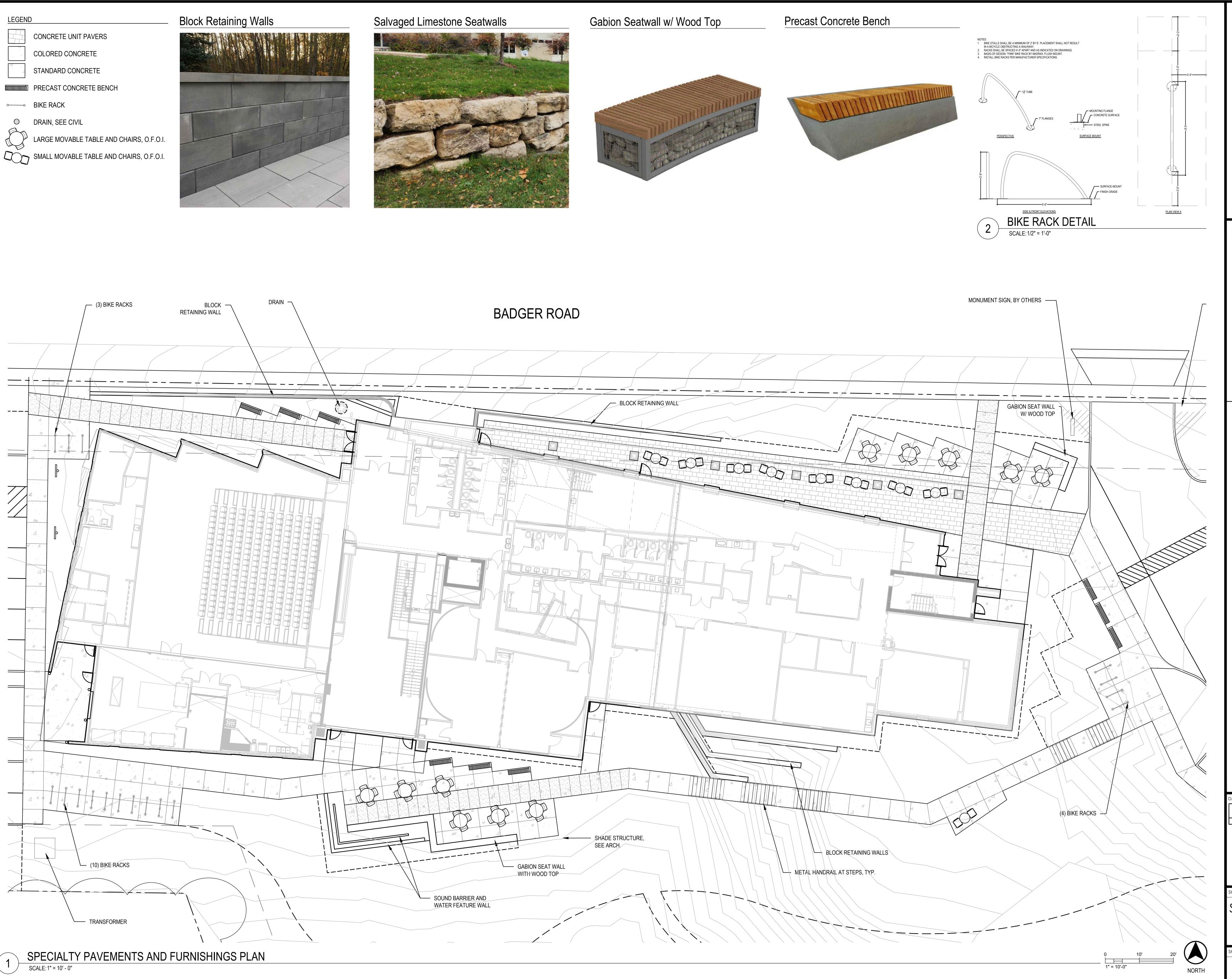
NOTE:

- 1. ALL TREES SHOWN TO BE RETAINED WITHIN THE LIMITS OF CONSTRUCTION ON THE PLANS SHALL BE PROTECTED DURING CONSTRUCTION WITH FENCING.
- 2. PROTECT TREE CANOPIES FROM OVERHEAD DAMAGE.
- 3. TEMPORARY TREE PROTECTION FENCES FOR DEMOLITION PHASE SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE DEMOLITION OR PREPARATION WORK (CLEARING, GRUBBING, OR GRADING). AFTER DEMOLITION ACTIVITIES ARE COMPLETE FENCES SHALL BE RELOCATED TO PERMANENT CONSTRUCTION PHASE LOCATIONS AND SHALL BE MAINTAINED THROUGHOUT REMAINDER OF THE CONSTRUCTION PROJECT.
- 4. DO NOT INSTALL FENCING ANY CLOSER THAN 5' FROM THE TRUNK OF ANY TREE.
- 5. NO STORAGE OF CONSTRUCTION MATERIALS, EQUIPMENT, OR SUPPLIES PERMITTED WITHIN TREE
- PROTECTION ZONES. 6. NO DISPOSAL OF CONSTRUCTION MATERIALS, BYPRODUCTS, OR SOLUTIONS PERMITTED WITHIN
- TREE PROTECTION ZONES.
- 7. TRUNK DIAMETER AT BREAST HEIGHT (DBH) MEASURED AT 4'-6" ABOVE THE GROUND.



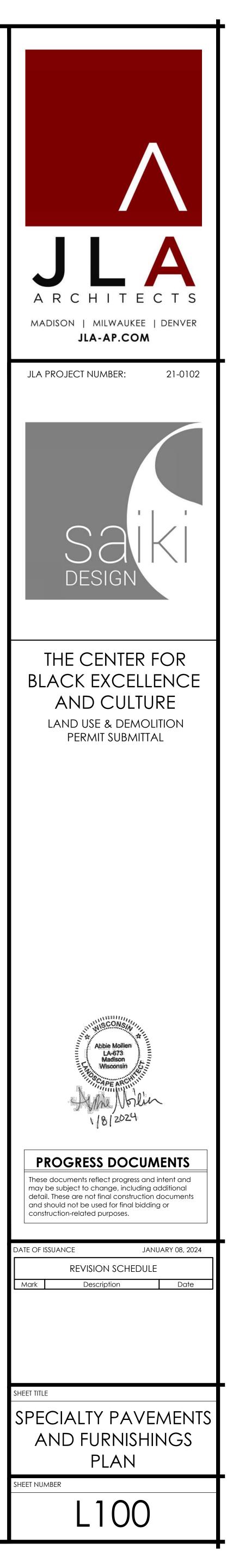












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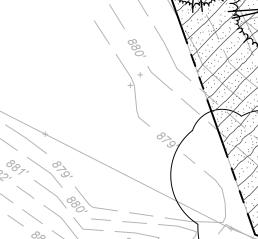
PLANT SCHEDULE - TREES													
SYMBOL CODE BOTANICAL / COMMON NAME	CONT. SIZE	<u>QTY</u> <u>SYMBOL</u> <u>CO</u>	DE BOTANICAL / COMMON NAME	CONT. SIZE	QTY SYMBOL	CODE BOTANICAL / COMMON NAME	CONT. SIZE	QTY	SYMBOL CODE	E BOTANICAL / COMMON NAME	CONT. SIZE	<u> </u>	QTY
DECIDUOUS TREES					EVERGRE	EN TREES			ORNAMENTAL TR	REES			
Ab Acer saccharum 'Bailsta' / Fall Fiesta® Sugar Maple	B & B 3"Cal	1 PO	Platanus occidentalis 'Morton Circle' / Exclamation! American Sycamore	B & B 2.5"Cal	1	JC Juniperus virginiana 'Canaertii' / Canaerti Eastern Redcedar	B & B 5` HT. (MIN)	3	AG	Amelanchier x grandiflora `Autumn Brilliance` / Autumn Brilliance Servicebe	rry B&B 8`HT (I	MIN.)	1
AO Acer x freemanii 'Marmo' / Marmo Freeman Maple	B & B 3"Cal	3 PT	Populus tremuloides 'NE Arb' / Prairie Gold® Quaking Aspen	B & B 8' HT. (MIN.), MULTI-STEMMED	9	PG Picea glauca densata / Black Hills Spruce	B & B 6` HT (MIN.)	1	CJ CJ	Carpinus caroliniana `J.N. Upright` / Firespire American Hornbeam	B & B 2" Cal		4
در ۲۰۰۰ CV Carya ovata / Shagbark Hickory	B & B 2.5"Cal	1 QB	Quercus bicolor / Swamp White Oak	B & B 3"Cal	1	PS Pinus strobus / White Pine	B & B 6` HT (MIN.)	6	CE	Cercis canadensis / Eastern Redbud	B & B 2" Cal		2
CO     Celtis occidentalis 'JFS-KSU1' / Prairie Sentinel® Hackberry	B & B 1.5"Cal	2 QE	Quercus ellipsoidalis / Northern Pin Oak	B & B 3"Cal	1				CI	Crataegus crus-galli inermis / Thornless Cockspur Hawthorn	B & B 6`HT (N	MIN.), MULTI-STEMMED	2
oo <sup>oooo</sup> oooooooooooooooooooooooooooooo	B & B 2" Cal	2 QP	Quercus macrocarpa / Burr Oak	B & B 3` Cal	1				HW	Hamamelis virginiana / Common Witch Hazel	B&B 5` HT. (	(MIN.), MULTI-STEMMED	3
GT Gleditsia triacanthos inermis `Shademaster` / Shademaster Locust	B & B 2.5"Cal	2 TD	Taxodium distichum / Bald Cypress	B & B 6` HT (MIN.)	2				QC	Quercus robur x alba `Crimschmidt` TM / Crimson Spire Oak	B & B 2" Cal		4
GD Gymnocladus dioica `Espresso` / Espresso Kentucky Coffeetree	B & B 2.5"Cal	2 • UN	Ulmus x `New Horizon` / New Horizon Elm	B & B 2.5"Cal	1					Quercus robur x bicolor `Nadler' TM / Kindred Spirit Oak	B & B 2.5"Cal	I	3
LT Liriodendron tulipifera / Tulip Tree	B & B 2.5"Cal	1											



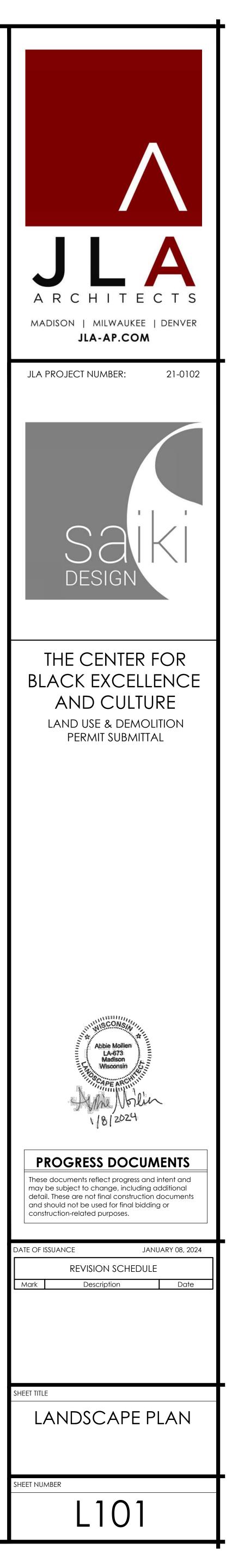
				Landscape Points
Developed Lots	SF	Acres		Subtotal
Total Developed Area	126,859	2.91		
Landscape Points (5 pts/300 SF for first 5	acres, 1 pt/100 SI	F for additional)		272
		Landsca	pe Points Required	272
Development Frontage (Badger				
Road)	LF		Overstory Trees Required*	Shrubs Required
Total LF of Street Frontage	LF		Nequired	Sinus Required
Between Parking/Building & Street	571		19	
		Quantity	Questitu	
Element	Point Value	Quantity Proposed	Quantity Existing	Points Achieved
Overstory Deciduous Tree	35	1 - Toposed		70
Tall Evergreen Tree	35	3	0	105
Omamental Tree	15	4	0	60
Upright Evergreen Shrub	10	0	0	0
Shrub, deciduous	3	27	0	81
Shrub, evergreen	4	3	0	12
Omamental Grass/Perennial	2	462	0	924
· · · · · · · · · · · · · · · ·	, I,	Development Fr	ontage Points Total	1252
			Overstory Trees	Islands Achieved
Interior Parking Lots	SF		Required**	(SF)
Total Parking Lot Area	18,635		9	
Min. P <b>a</b> rking Lot Islands (8%)	1,491			1,91
		Quantity	Quentity	r
Element	Point Value	Proposed	Quantity Existing	Points Achieved
Overstory Deciduous Tree	35	13	0	455
Tall Evergreen Tree	35	0	0	0
Ornamental Tree	15	1	0	15
Upright Evergreen Shrub	10	0	0	0
Shrub, deciduous	3	101	0	303
Shrub, evergreen	4	21	0	84
Omamental Grass/Perennial	2	246	0	492
			ng Lots Points Total	1349
			<u> </u>	
General Site, Foundation, Screeni	ng			
General Site, Foundation, Screeni	ng			
		Quantity	Quantity	
Element	Point Value	Proposed	Existing	Points Achieved
<b>Element</b> Overstory Deciduous Tree	Point Value	Proposed 16	Existing 0	560
<b>Element</b> Overstory Deciduous Tree Tall Evergreen Tree	Point Value 35 35	Proposed 16 7	Existing 0 0	560 245
<b>Element</b> Overstory Deciduous Tree Tall Evergreen Tree Ornamental Tree	Point Value           35           35           15	Proposed           16           7           14	Existing 0 0 0	560 245 210
<b>Element</b> Overstory Deciduous Tree Tall Evergreen Tree Ornamental Tree Upright Evergreen Shrub	Point Value           35           35           15           10	Proposed 16 7 14 0	Existing 0 0 0 0	560 245
	Point Value           35           35           15	Proposed           16           7           14	Existing 0 0 0	560 245 210
<b>Element</b> Overstory Deciduous Tree Tall Evergreen Tree Ornamental Tree Upright Evergreen Shrub	Point Value           35           35           15           10	Proposed 16 7 14 0	Existing 0 0 0 0	560 245 210 0

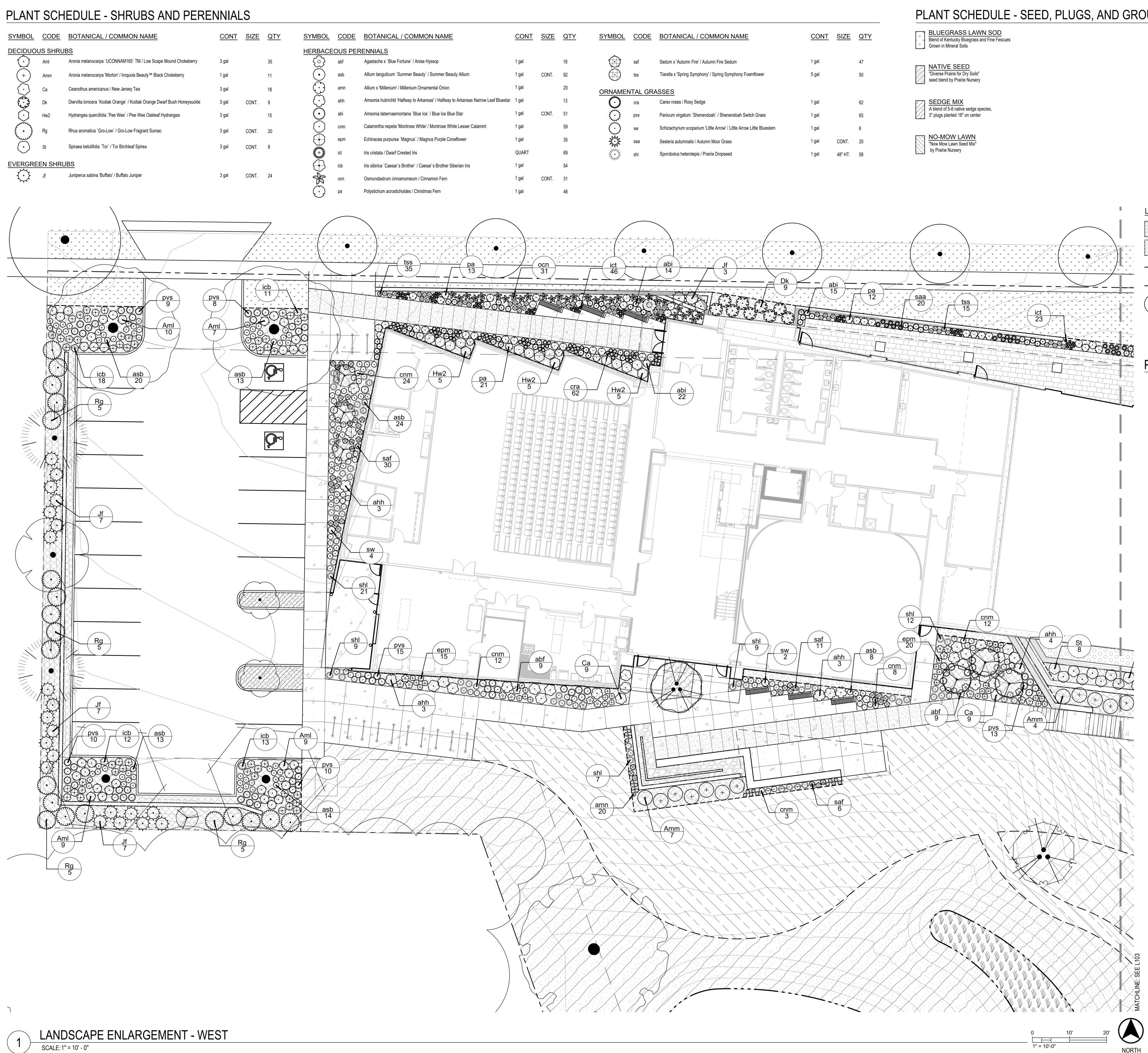
or Wall (4 pts/10 LF)	4	o	о	0
		Founda	tion Plantings Total	1381
		TOTAL L	ANDSCAPE POINTS	3982
* Two (2) ornamental trees or two (2) e ** Two (2) ornamental deciduous trees	• •	•	•	





## SEED, PLUGS, AND GROUNDCOVERS







MMON NAME	<u>CONT</u>	<u>SIZE</u>	<u>QTY</u>	<u>SYMBOL</u>	CODE	BOTANICAL / COMMON NAME	<u>CONT</u>	<u>SIZE</u>	<u>QTY</u>
/ Anise Hyssop	1 gal		18		saf	Sedum x 'Autumn Fire' / Autumn Fire Sedum	1 gal		47
Beauty` / Summer Beauty Allium	1 gal	CONT.	92	$\bigcirc$	tss	Tiarella x 'Spring Symphony' / Spring Symphony Foamflower	5 gal		50
m Ornamental Onion	1 gal		20	ORNAMEN	ITAL GRA	SSES			
to Arkansas' / Halfway to Arkansas Narrow Leaf Bluestar	1 gal		13	ANNIVI VILLA	cra	Carex rosea / Rosy Sedge	1 gal		62
Blue Ice` / Blue Ice Blue Star	1 gal	CONT.	51	1	pvs	Panicum virgatum `Shenendoah` / Shenendoah Switch Grass	1 gal		65
e White' / Montrose White Lesser Calamint	1 gal		59	Õ	SW	Schizachyrium scoparium 'Little Arrow' / Little Arrow Little Bluestem	1 gal		6
s` / Magnus Purple Coneflower	1 gal		35	N.S.	saa	Sesleria autumnalis / Autumn Moor Grass	1 gal	CONT.	20
ris	QUART		69	MUUL	shl	Sporobolus heterolepis / Prairie Dropseed	1 gal	48" HT.	58
r` / Caesar`s Brother Siberian Iris	1 gal		54						
ım / Cinnamon Fern	1 gal	CONT.	31						
Christmas Fern	1 gal		46						

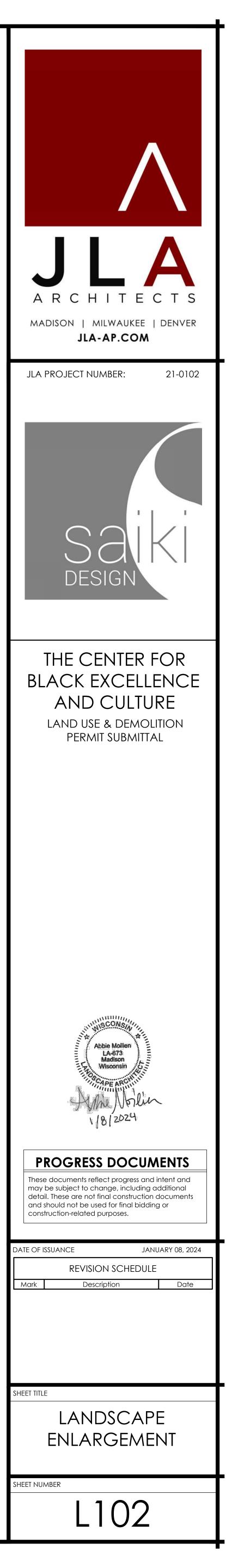
## PLANT SCHEDULE - SEED, PLUGS, AND GROUNDCOVERS



## LEGEND WOOD MULCH STONE MULCH ——— METAL EDGING — — SPADED EDGE ) POTENTIAL STREET TREE

## PLAN NOTES

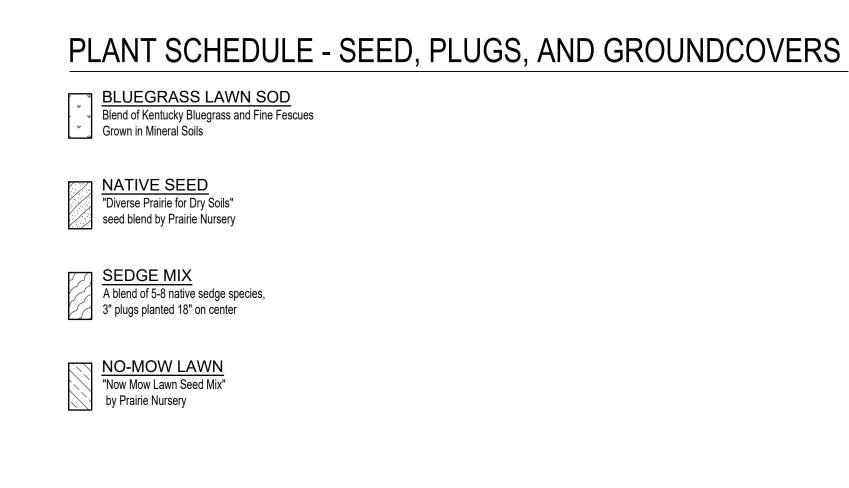
- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY SURVEY INFORMATION AND SITE CONDITIONS PRIOR TO START OF CONSTRUCTION AND REPORT ANY DISCREPANCIES. CONTRACTOR SHALL CONTACT DIGGER'S HOTLINE TO LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE CAUSED TO EXISTING UTILITIES, EITHER SHOWN OR NOT, SHALL BE REPAIRED AND PAID FOR AT THE CONTRACTOR'S EXPENSE.
- 2. CONTRACTOR SHALL PROTECT BENCHMARKS. ALL EXISTING PLANT MATERIAL IS SHOWN AT EXISTING, APPROXIMATED SIZE PER CITY OF MADISON STANDARDS.
- 4. ANY STREET TREE REMOVALS REQUESTED AFTER THE DEVELOPMENT PLAN IS APPROVED BY THE PLAN COMMISSION OR THE BOARD OF PUBLIC WORKS AND CITY FORESTRY WILL REQUIRE A MINIMUM OF A 72-HOUR REVIEW PERIOD WHICH SHALL INCLUDE THE NOTIFICATION OF THE ALDERPERSON WITHIN WHOSE DISTRICT IS AFFECTED BY THE STREET TREE REMOVAL(S) PRIOR TO A TREE REMOVAL PERMIT BEING ISSUED.
- 3. ALL WRAPPINGS, WIRE BASKETS, BURLAP, AND OTHER MISCELLANEOUS MATERIAL SHALL BE COMPLETELY REMOVED FROM ALL SHRUB AND TREE ROOT BALLS PRIOR TO INSTALLATION.
- 4. ANY LAWN OR LANDSCAPED AREAS OUTSIDE OF THE CONSTRUCTION BOUNDARY THAT ARE DISTURBED SHALL BE RE-SEEDED AND/OR REPAIRED WITH ORIGINAL MATERIALS AND TO PRE-DISTURBANCE STANDARDS AT NO COST TO THE OWNER OR CITY.
- CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTENANCE OF PLANT MATERIAL, SEE SPECIFICATIONS FOR MORE INFORMATION.
- AS DEFINED BY MADISON GENERAL ORDINANCE 10.10, CITY FORESTRY WILL ASSESS THE FULL COST OF THE STREET TREE INSTALLATION TO THE ADJACENT PROPERTY OWNER. CITY FORESTRY WILL DETERMINE STREET TREE PLANTING SITES AND TREE SPECIES TYPE. STREET TREE PLANTING WILL BE SCHEDULED AFTER THERE IS SUBSTANTIAL COMPLETION OF THE NEW PLAT DEVELOPMENT ALONG THE STREET SEGMENT.

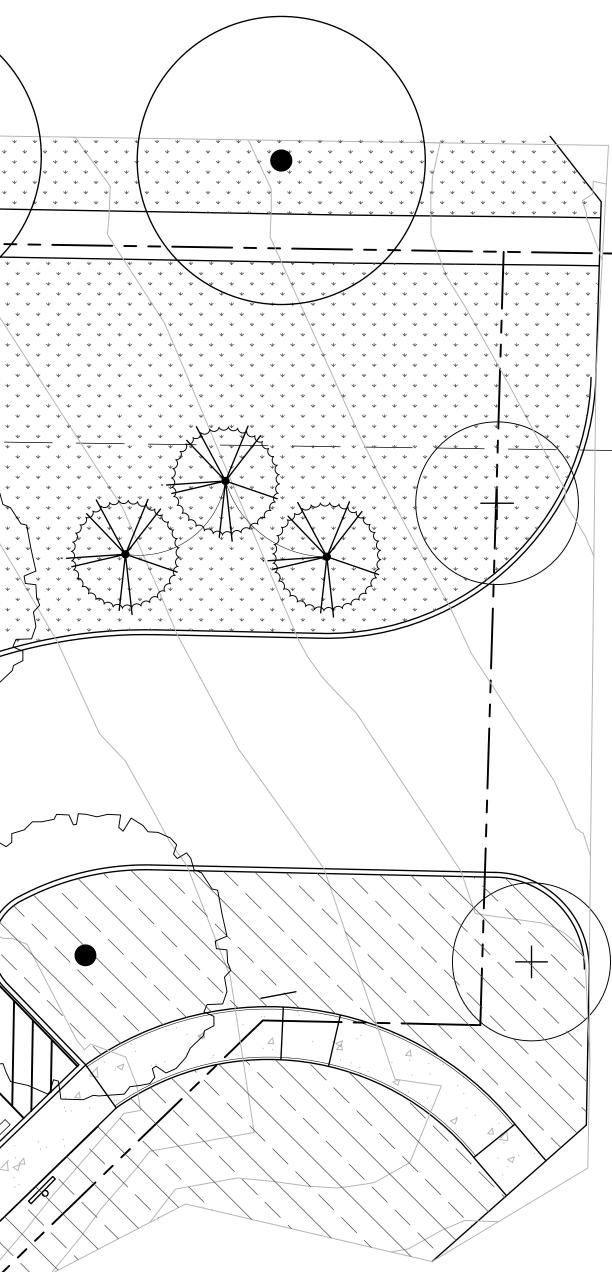




SCALE: 1" = 10' - 0"

MON NAME	CONT SIZE				BOTANICAL / COMMON NAME	CONT	SIZE	QTY
ise Hyssop	1 gal		<u>RNAMEN</u> ۲۰۶		<u>SSES</u> Panicum virgatum `Shenendoah` / Shenendoah Switch Grass	1 gal		10
		6	<u>)</u>					
uty` / Summer Beauty Allium rkansas' / Halfway to Arkansas Narrow Leaf Bluestar	1 gal CONT.	84			Schizachyrium scoparium 'Little Arrow' / Little Arrow Little Bluestem Sesleria autumnalis / Autumn Moor Grass	1 gal 1 gal	CONT.	4 22
		5			Sporobolus heterolepis / Prairie Dropseed			
e Ice` / Blue Ice Blue Star hite' / Montrose White Lesser Calamint	1 gal CONT. 1 gal	21 40	BANNE	511		1 gal	48" HT.	30
Magnus Purple Coneflower	1 gal	40						
	QUART	24						
Caesar`s Brother Siberian Iris	1 gal	43						
ristmas Fern								
Fire Sedum	1 gal	40						
pring Symphony Foamflower	5 gal	17						
Fire Sedum pring Symphony Foamflower	5 gal	$\frac{17}{23}$						
	<u>.</u>	. •			N N			



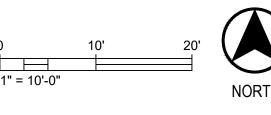


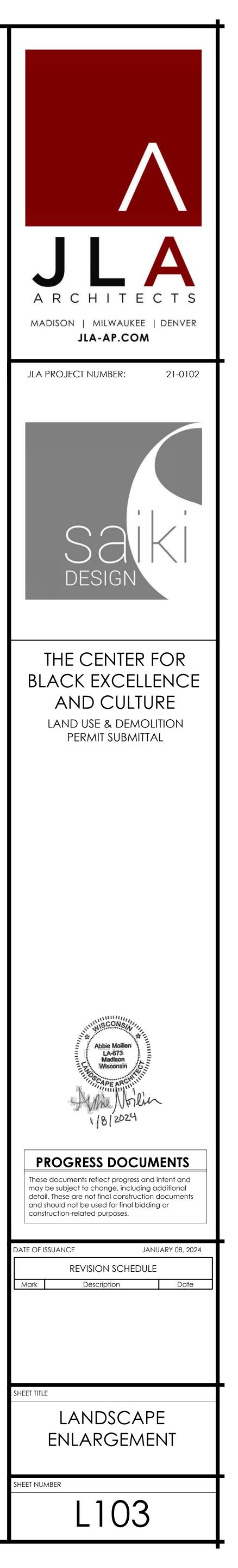
### LEGEND

- WOOD MULCH
- STONE MULCH
- --- METAL EDGING
- — SPADED EDGE
- POTENTIAL STREET TREE

## PLAN NOTES

- 1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY SURVEY INFORMATION AND SITE CONDITIONS PRIOR TO START OF CONSTRUCTION AND REPORT ANY DISCREPANCIES. CONTRACTOR SHALL CONTACT DIGGER'S HOTLINE TO LOCATE ALL PUBLIC AND PRIVATE UTILITIES PRIOR TO THE START OF CONSTRUCTION. ANY DAMAGE CAUSED TO EXISTING UTILITIES, EITHER SHOWN OR NOT, SHALL BE REPAIRED AND PAID FOR AT THE CONTRACTOR'S EXPENSE.
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- 5. CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTENANCE OF PLANT MATERIAL, SEE SPECIFICATIONS FOR MORE INFORMATION.
- 6. AS DEFINED BY MADISON GENERAL ORDINANCE 10.10, CITY FORESTRY WILL ASSESS THE FULL COST OF THE STREET TREE INSTALLATION TO THE ADJACENT PROPERTY OWNER. CITY FORESTRY WILL DETERMINE STREET TREE PLANTING SITES AND TREE SPECIES TYPE. STREET TREE PLANTING WILL BE SCHEDULED AFTER THERE IS SUBSTANTIAL COMPLETION OF THE NEW PLAT DEVELOPMENT ALONG THE STREET SEGMENT.









## PLANT SCHEDULE - ROOF PATIO PLANTERS

SYMBOL	CODE	BOTANICAL / COMMON NAME	CONT	<u>SIZE</u>	<u>QTY</u>
GRASSES					
×	hma	Hakonechloa macra `All Gold` / Japanese Forest Grass	1 gal	CONT.	6
	hbk	Hakonechloa macra 'Beni-kaze' / Beni-kaze Japanese Forest Grass	1 gal	CONT.	3
×	sht	Sporobolus heterolepis `Tara` / Prairie Dropseed	1 gal	CONT.	5
PERENNIA	LS				
$\overline{\mathbf{\cdot}}$	abb	Ajuga reptans 'Bronze Beauty' / Bronze Beauty Carpet Bugle	1 qt	CONT.	42
3000000 CC	amn	Allium x 'Millenium' / Millenium Ornamental Onion	1 gal	CONT.	4
$\bigcirc$	awg	Astilbe x arendsii `White Gloria` / False Spiraea	1 gal	CONT.	2
K	atn	Athyrium niponicum / Japanese Painted Fern	1 gal	CONT.	3
$\bigcirc$	bjf	Brunnera macrophylla 'Jack Frost' / Jack Frost Siberian Bugloss	1 gal	CONT.	3
(•)	cnm	Calamintha nepeta `Montrose White` / White Calamint	1 gal	CONT.	9
(Ť)	epg	Epimedium grandiflorum / Barrenwort	1 gal	CONT.	3
$\overline{\bullet}$	grz	Geranium x `Rozanne` / Rozanne Cranesbill	1 gal	CONT.	9
<b>(</b> • <b>)</b>	hps	Heuchera x `Peppermint Spice` / Coral Bells	1 gal	CONT.	1
Ê÷3	hxh	Hosta x `Halcyon` / Halcyon Plantain Lily	1 gal	CONT.	3
).	saj	Sedum x `Autumn Joy` / Autumn Joy Sedum	1 gal	CONT.	9
(+)	sbe	Stachys byzantina 'Big Ears' / Big Ears Lamb's Ear	1 qt	CONT.	9

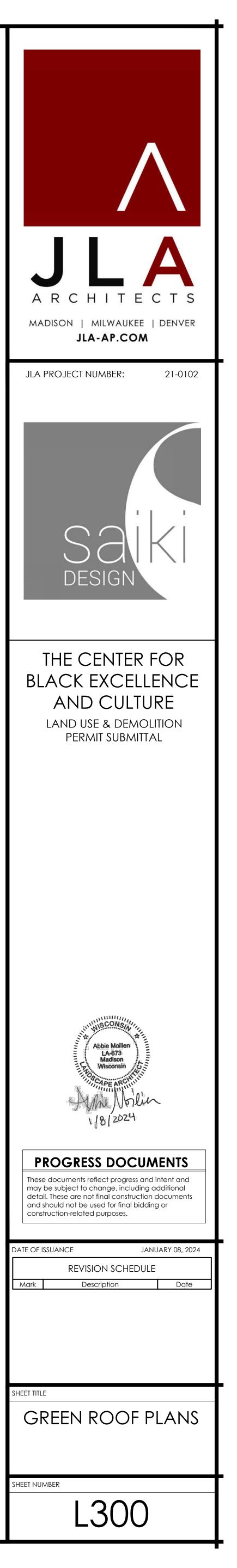
## PLANT SCHEDULE - EXTENSIVE GREEN ROOF

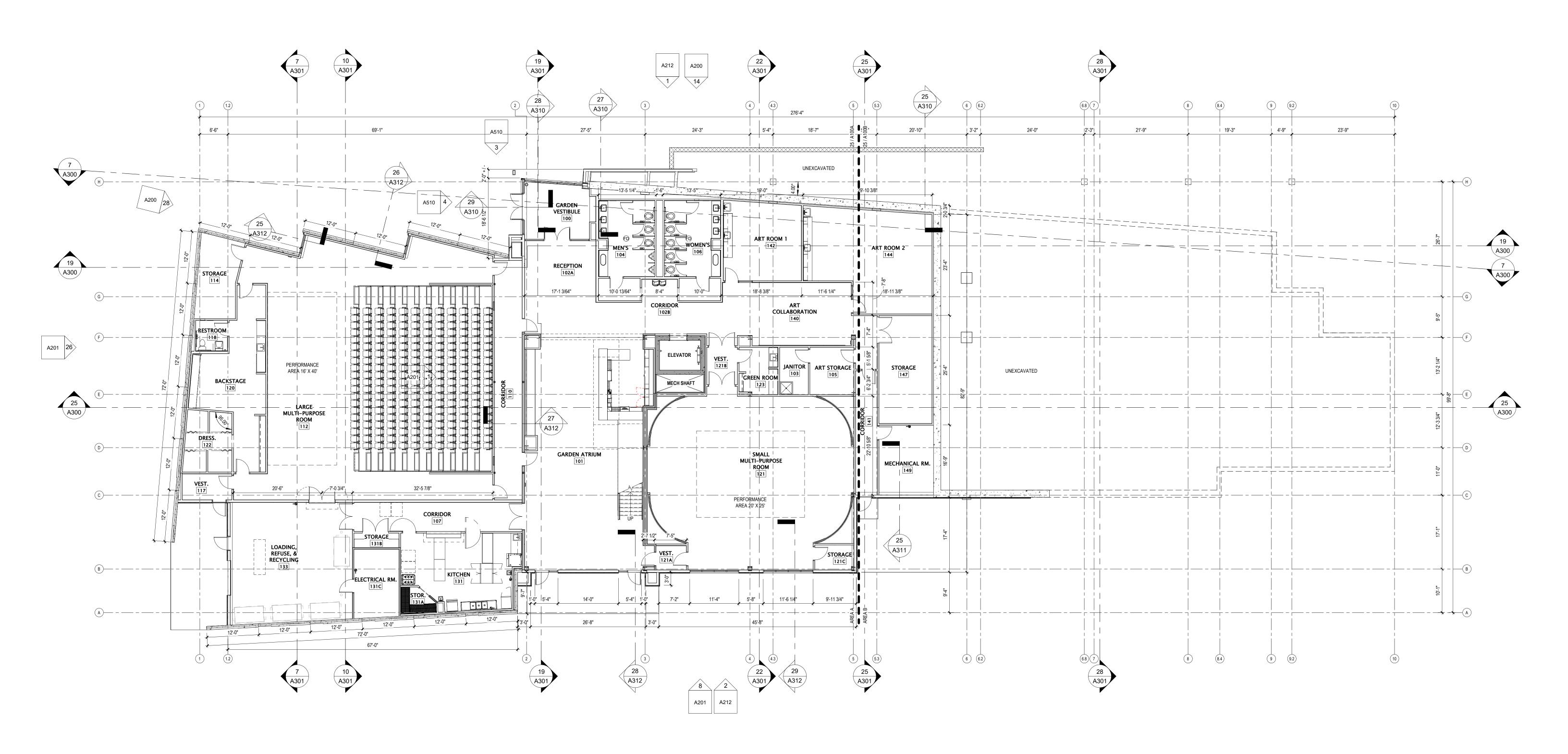
SUN [FULL TO PART SUN] SEDUM CARPET SPECIES COMPOSITION: SUBJECT TO AVAILABILITY, THE SEDUM CARPET WILL BE COMPOSED OF THE FOLLOWING SPECIES IN APPROXIMATELY EQUAL QUANTITIES, PRE-GROWN AND DELIVERED TO THE SITE AS A SOD-LIKE MATERIAL:

- Sedum spurius 'Fuldaglut'
- Sedum spurius 'John Creech'
- Sedum spurius 'Red Carpet' Sedum kamtschaticum
- Sedum kamtschaticum 'Variegatum'
- Sedum kamtschaticum var. floriferum
- Sedum takesimensis 'Golden Carpet'
- Sedum x Immergrunchen
- Sedum subsp. rupestre 'Angelina' • Sedum subsp. rupestre 'Blue Spruce'
- Sedum acre 'Aureum'
- Sedum acre 'Goldmoss'
- Sedum album 'Coral Carpet' • Sedum album 'Murale'
- Sedum hispanicum
- Sedum sexangulare
- Sedum stefco

## LEGEND

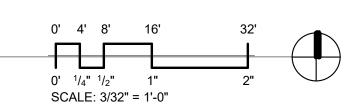
- CONCRETE UNIT PAVERS ON PEDESTALS, THREE COLOR BLEND EXTENSIVE GREEN ROOF STONE BALLAST
- DRAIN ACCESS HATCH
- ——— SEPARATION EDGING
- MOVABLE FRP PLANTER
- STATIONARY FRP PLANTER

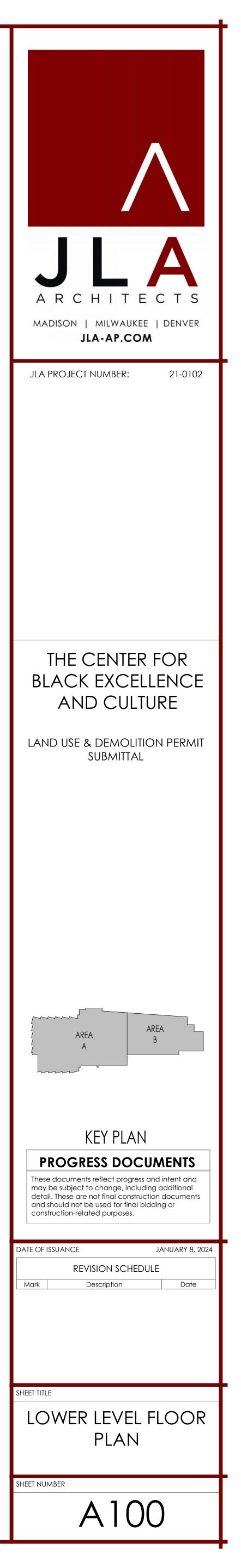


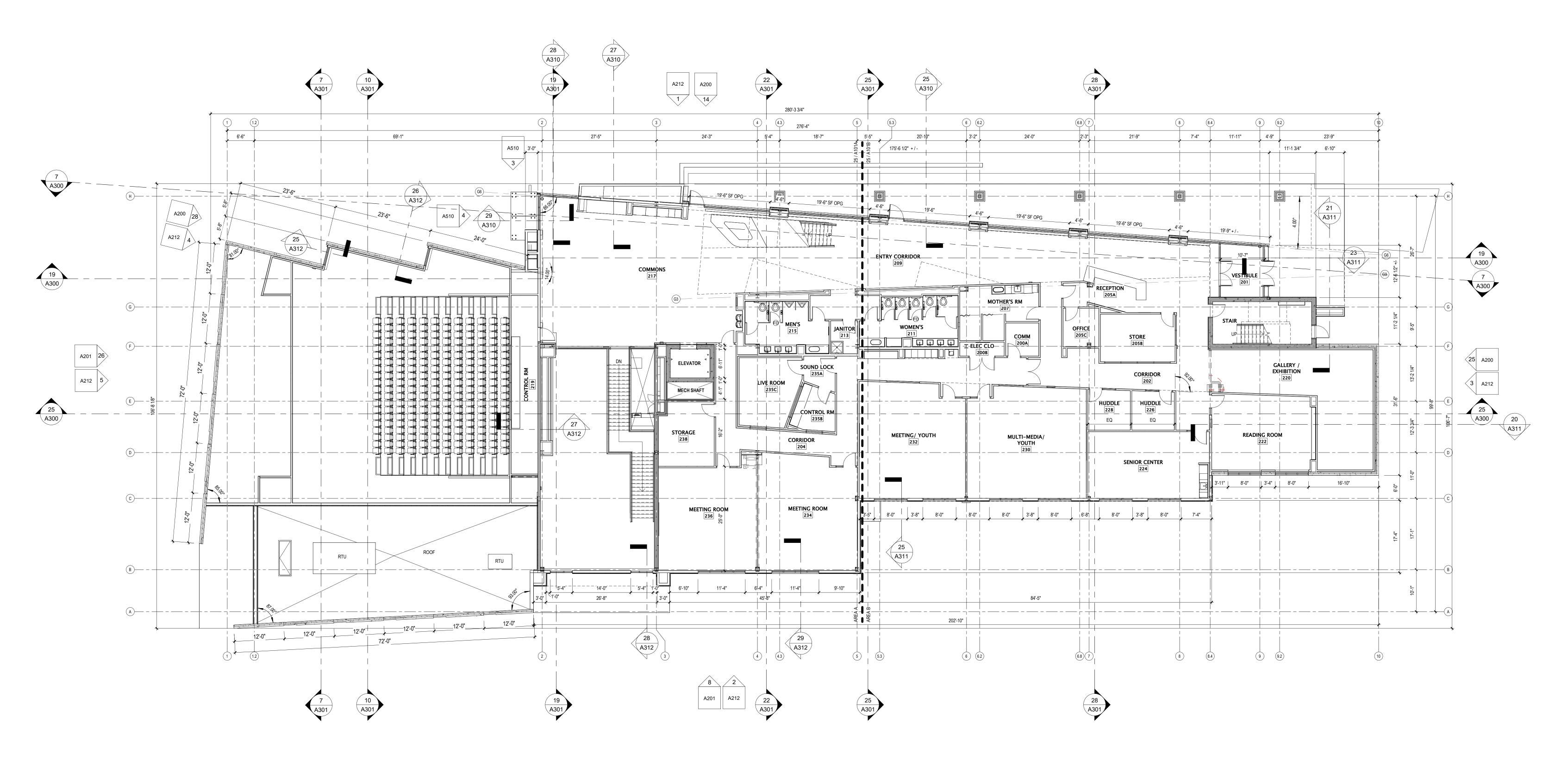


(19) LOWER LEVEL PLAN 3/32" = 1'-0"

G	ENERAL PLAN NOTES				
1.	BUILDING DIMENSIONS ARE TO OUTSIDE FACE OF STUD, CONCRETE, OR MASONRY WALLS UNLESS OTHERWISE NOTED.	6.	VERIFY ALL WINDOW, DOOR, APPLIANCE, EQUIPMENT, ETC. ROUGH OPENINGS & CLEARANCE REQUIREMENTS WITH MANUFACTURER.	11.	INSTALL FIXTURES, ACCESSORIES, ETC. ACCORDING TO THE MOUNTING HEIGHT DIAGRAMS FOUND ON SHEET G300.
2.	DOOR LOCATION DIMENSIONS ARE TO CENTERLINE OF DOOR UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL ROUGH OPENINGS WITH MANUFACTURER.	7.	PROVIDE SOUND BATT INSULATION AT ALL WALLS SURROUNDING BATHROOMS, MECHANICAL ROOMS/ CLOSETS, AND PLUMBING WALLS.	12.	ALL WINDOWS & DOORS SHALL BE AS NOTED IN THE SPECIFICATIONS MANUAL AND AS INDICATED ON THE DOOR AND WINDOW SCHEDULES.
2		8.	PROVIDE BLOCKING AT ALL GRAB BAR LOCATIONS.		
3.	STOREFRONT LOCATIONS ARE DIMENSIONED TO THE ROUGH OPENING.	9.	PROVIDE FIREBLOCKING PER 2021 IBC 718.2.1 - TYPICAL THROUGHOUT ENTIRE BUILDING.		
4.	VERIFY ALL STRUCTURAL MEMBER SIZE, SPACING, REINFORCING, AND BRACING WITH STRUCTURAL DRAWINGS.	10.	FIELD VERIFY ALL CABINETRY LAYOUTS AND COORDINATE WITH THE DIMENSIONAL REQUIREMENTS OF ALL APPLIANCES & FIXTURES. PROVIDE FINISHED END PANELS		
5.	ALL WOOD EXPOSED TO THE EXTERIOR OR IN CONTACT		AT ALL EXPOSED CABINETRY ENDS.		
	WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED. WOOD USED IN CONSTRUCTION SHALL BE FIRE TREATED.	11.	CAULK AT PERIMETER OF ALL COUNTERTOP BACKSPLASHES & SIDESPLASHES.		



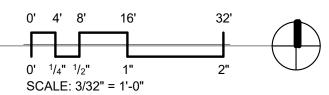


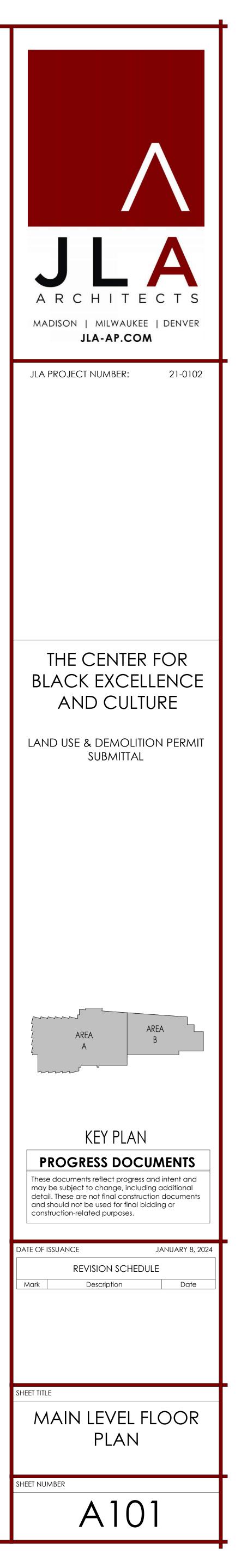


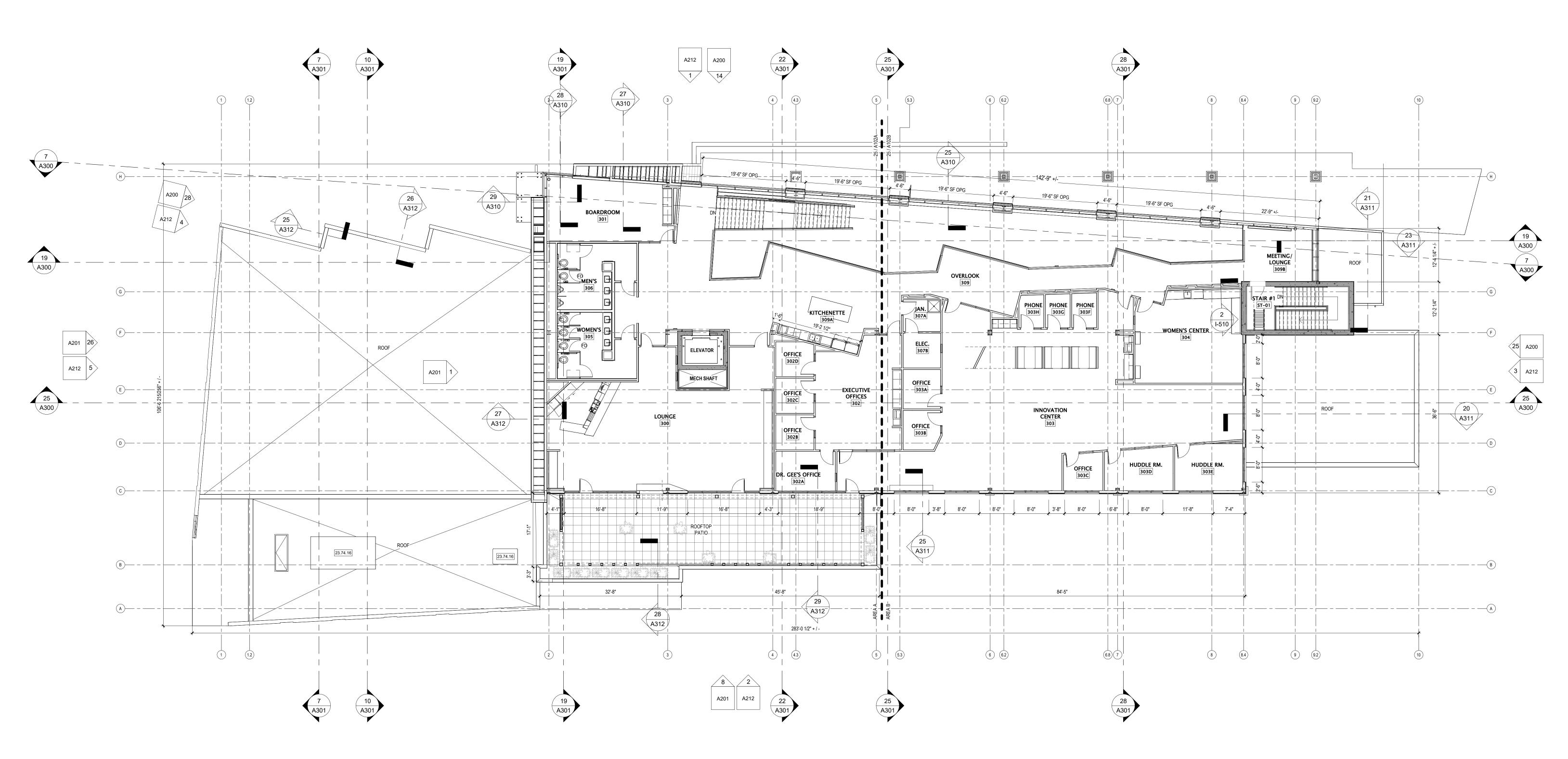
(19) MAIN LEVEL PLAN 3/32" = 1'-0" Key Value

Keynote Text

G	ENERAL PLAN NOTES				
1.	BUILDING DIMENSIONS ARE TO OUTSIDE FACE OF STUD, CONCRETE, OR MASONRY WALLS UNLESS OTHERWISE NOTED.	6.	VERIFY ALL WINDOW, DOOR, APPLIANCE, EQUIPMENT, ETC. ROUGH OPENINGS & CLEARANCE REQUIREMENTS WITH MANUFACTURER.	11.	INSTALL FIXTURES, ACCESSORIES, ETC. ACCORDING TO THE MOUNTING HEIGHT DIAGRAMS FOUND ON SHEET G300.
2.	DOOR LOCATION DIMENSIONS ARE TO CENTERLINE OF DOOR UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL ROUGH OPENINGS WITH MANUFACTURER.	7.	PROVIDE SOUND BATT INSULATION AT ALL WALLS SURROUNDING BATHROOMS, MECHANICAL ROOMS/ CLOSETS, AND PLUMBING WALLS.	12.	ALL WINDOWS & DOORS SHALL BE AS NOTED IN THE SPECIFICATIONS MANUAL AND AS INDICATED ON THE DOOR AND WINDOW SCHEDULES.
		8.	PROVIDE BLOCKING AT ALL GRAB BAR LOCATIONS.		
3.	STOREFRONT LOCATIONS ARE DIMENSIONED TO THE ROUGH OPENING.	9.	PROVIDE FIREBLOCKING PER 2021 IBC 718.2.1 - TYPICAL THROUGHOUT ENTIRE BUILDING.		
4.	VERIFY ALL STRUCTURAL MEMBER SIZE, SPACING, REINFORCING, AND BRACING WITH STRUCTURAL DRAWINGS.	10.	FIELD VERIFY ALL CABINETRY LAYOUTS AND COORDINATE WITH THE DIMENSIONAL REQUIREMENTS OF ALL APPLIANCES & FIXTURES. PROVIDE FINISHED END PANELS		
5.	ALL WOOD EXPOSED TO THE EXTERIOR OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE		AT ALL EXPOSED CABINETRY ENDS.		
	TREATED. WOOD USED IN CONSTRUCTION SHALL BE FIRE TREATED.	11.	CAULK AT PERIMETER OF ALL COUNTERTOP BACKSPLASHES & SIDESPLASHES.		



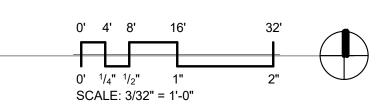


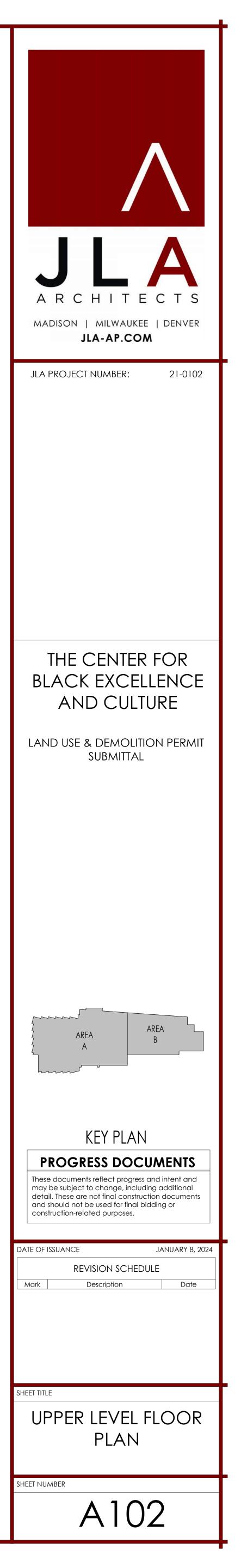


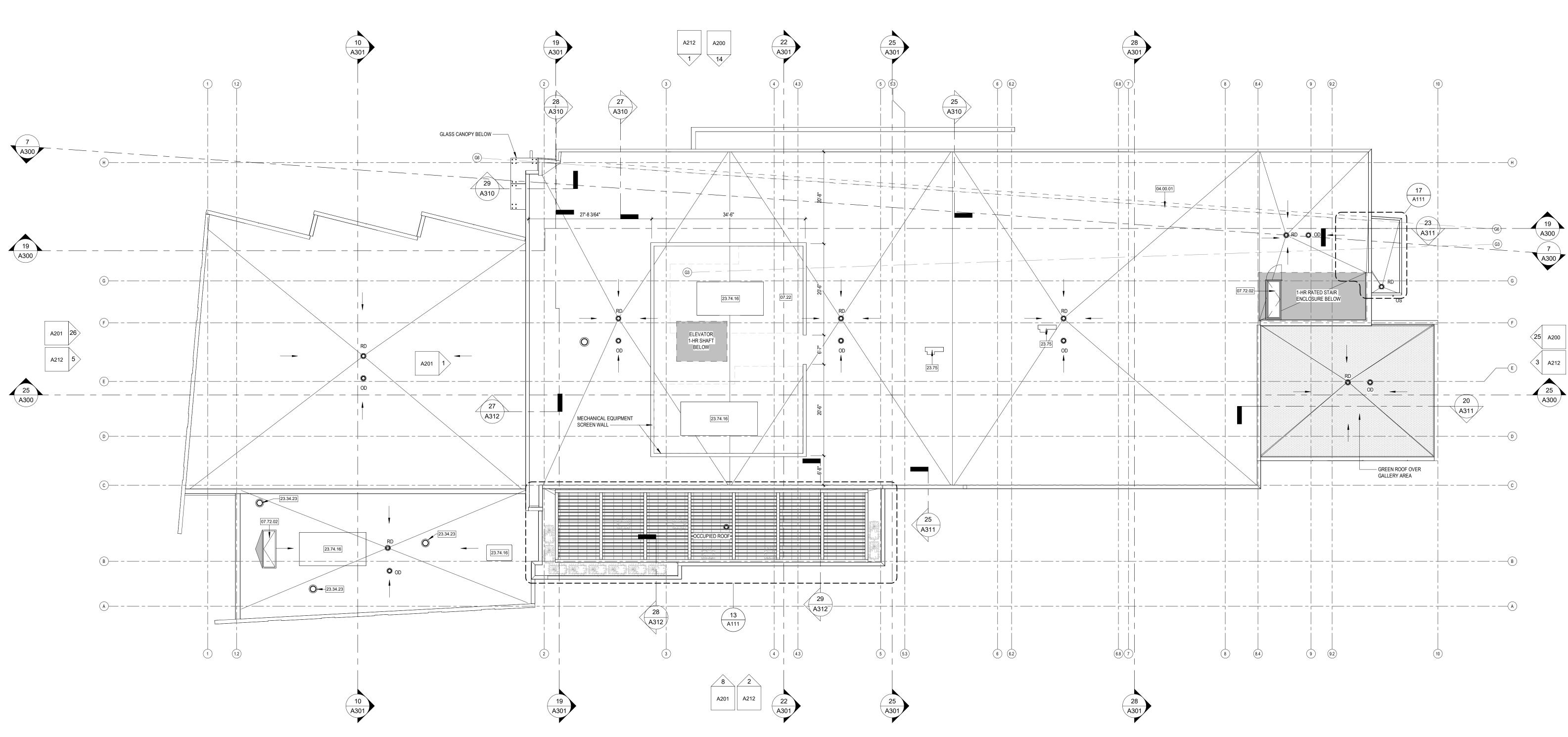
(19) UPPER LEVEL PLAN 3/32" = 1'-0"

	KEYNOTE LEGEND
Key Value	Keynote Text
23.74.16	PROPOSED PACKAGED ROOFTOP AIR CONDITIONING UNIT LOCATION; COORD. INSTALL. REQS. & LOCATION W/ MECH SUBCONTRACTOR, ROOF MFR, & ROOFING SUBCONTRCTOR

1.	BUILDING DIMENSIONS ARE TO OUTSIDE FACE OF STUD,	6.	VERIFY ALL WINDOW, DOOR, APPLIANCE, EQUIPMENT,	11.	INSTALL FIXTURES, ACCESSORIES, ETC.
	CONCRETE, OR MASONRY WALLS UNLESS OTHERWISE NOTED.		ETC. ROUGH OPENINGS & CLEARANCE REQUIREMENTS WITH MANUFACTURER.		ACCORDING TO THE MOUNTING HEIGHT DIAGRAMS FOUND ON SHEET G300.
2.	DOOR LOCATION DIMENSIONS ARE TO CENTERLINE OF DOOR UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY ALL ROUGH OPENINGS WITH MANUFACTURER.	7.	PROVIDE SOUND BATT INSULATION AT ALL WALLS SURROUNDING BATHROOMS, MECHANICAL ROOMS/ CLOSETS, AND PLUMBING WALLS.	12.	ALL WINDOWS & DOORS SHALL BE AS NOTED IN THE SPECIFICATIONS MANUAL AND AS INDICATED ON THE DOOR AND WINDOW SCHEDULES.
•		8.	PROVIDE BLOCKING AT ALL GRAB BAR LOCATIONS.		
3.	STOREFRONT LOCATIONS ARE DIMENSIONED TO THE ROUGH OPENING.	9.	PROVIDE FIREBLOCKING PER 2021 IBC 718.2.1 - TYPICAL THROUGHOUT ENTIRE BUILDING.		
4.	VERIFY ALL STRUCTURAL MEMBER SIZE, SPACING,				
	REINFORCING, AND BRACING WITH STRUCTURAL DRAWINGS.	10.	FIELD VERIFY ALL CABINETRY LAYOUTS AND COORDINATE WITH THE DIMENSIONAL REQUIREMENTS OF ALL APPLIANCES & FIXTURES. PROVIDE FINISHED END PANELS		
5.	ALL WOOD EXPOSED TO THE EXTERIOR OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE		AT ALL EXPOSED CABINETRY ENDS.		
	TREATED. WOOD USED IN CONSTRUCTION SHALL BE FIRE TREATED.	11.	CAULK AT PERIMETER OF ALL COUNTERTOP BACKSPLASHES & SIDESPLASHES.		







(19) ROOF PLAN 3/32" = 1'-0"

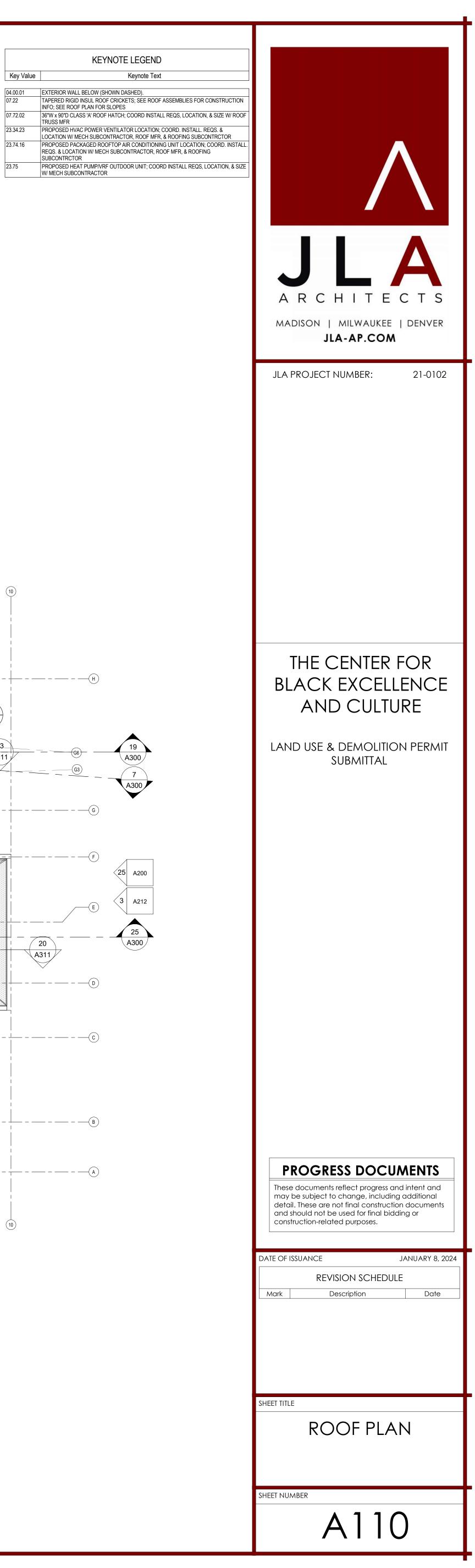
### **ROOF NOTES**

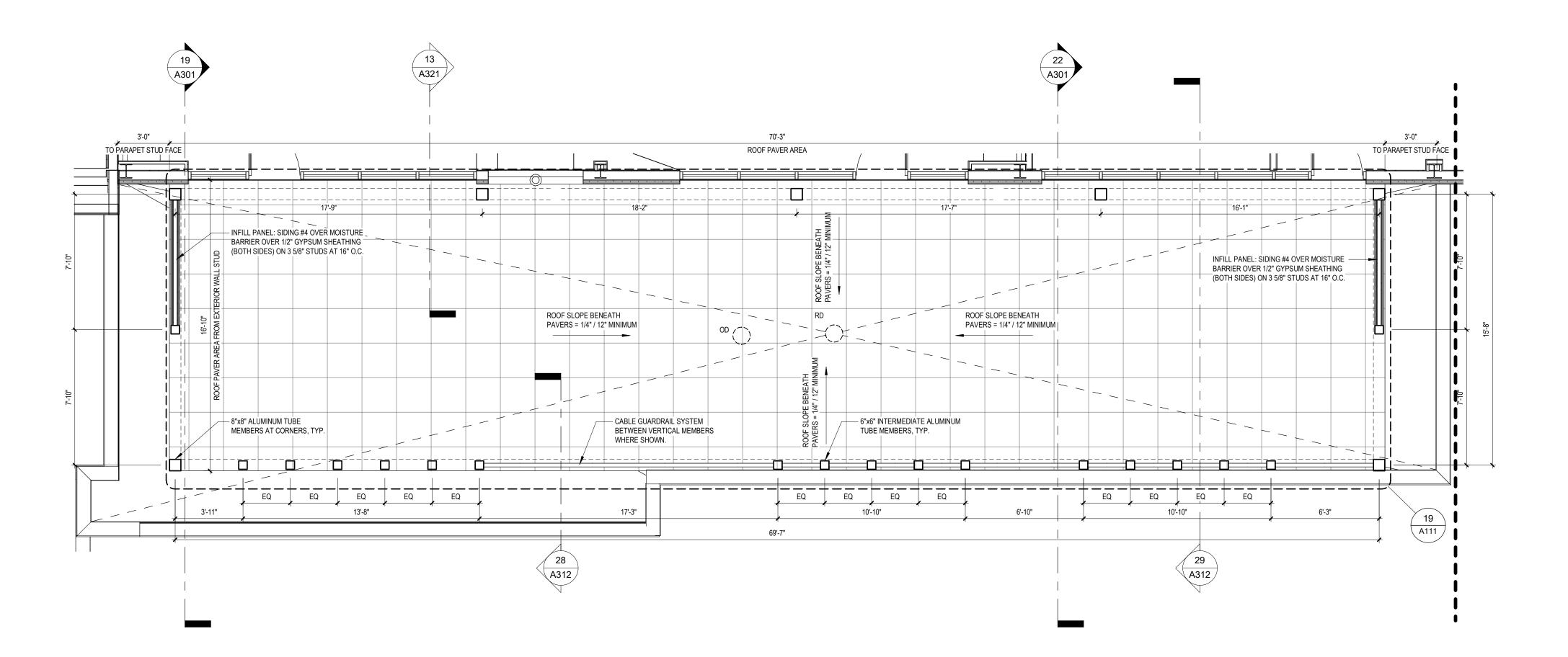
- ROOF SHALL BE ROOF ASSEMBLY SR1, UNLESS NOTED OTHERWISE. TAPERED INSULATION PITCHED AT 1/4" PER FOOT (MINIMUM) SHALL PROVIDE ROOF DRAIN. A501 FOR FOR ROOF ASSEMBLY DESCRIPTIONS.
- 2. PROVIDE TAPERED INSULATION BOARD OVER ROOF ASSEMBLY TO MAINTAIN A 1 FOOT MINIMUM PITCH TO ROOF DRAINS. PROVIDE A 3/16" PER FOOT MINIMUM PIT TAPERED INSULATION SADDLES AND/ OR CRICKETS WHERE NECESSARY.
- ROOF DRAINS ARE SHOWN FOR INTENT ONLY. DESIGN/BUILD PLUMBING CONTR SHALL PROVIDE NECESSARY CALCULATIONS TO DETERMINE FINAL QUANTITY, S LOCATION OF ROOF DRAINS AND OVERFLOW DRAINS. COORDINATE ALL ROOF D WITH ROOFING CONTRACTOR TO PROVIDE PROPER DRAINAGE.
- 4. PROVIDE WATERTIGHT INTEGRITY AT ALL PENETRATIONS AND EQUIPMENT PER MANUFACTURER'S STANDARD DETAILS AND REQUIREMENTS FOR WARRANTY AN CURRENT NRCA STANDARDS.
- VERIFY ANY ROOFTOP EQUIPMENT AND PENETRATIONS WITH MECHANICAL, ELE AND PLUMBING PLANS.

			Key Value
) NAGE. SEE	6.	DESIGN / BUILD CONTRACTORS PROVIDING ROOF PENETRATIONS MUST PROVIDE TEMPORARY WEATHERTIGHT COVERS FOR OPENING UNTIL PLACEMENT OF FINISHED WORK OR COVERING.	04.00.01 07.22 07.72.02
1/4" PER ITCH FOR	7.	OVERHANGS (IF ANY) SHALL BE AS SHOWN ON ROOF PLAN.	23.34.23
TETFOR	8.	PLUMBING CONTRACTOR TO COORDINATE THE LOCATION OF ROOF FROST PROOF HOSE BIB WITH OWNER. COORDINATE LOCATION WITH TRUSS LAYOUT BELOW.	23.74.16
RACTOR SIZE, AND DRAINS	9.	PROVIDE PREFINISHED SHEET METAL COPINGS PER PLANS. REFER TO EXTERIOR ELEVATIONS' MATERIAL SCHEDULE FOR SPECIFIED METAL COLORS.	23.75
r Roofing .Nd	10.	ROOF DRAINS AND/ OR RAIN LEADERS SHOWN FOR INTENT ONLY. ROOFING AND PLUMBING CONTRACTORS SHALL COORDINATE FINAL ROOF DRAIN/ RAIN LEADER LOCATIONS WITH ARCHITECT, AND SIZES BASED ON DRAINAGE CALCULATIONS PROVIDED BY PLUMBING SUB-CONTRACTOR.	
ECTRICAL,			

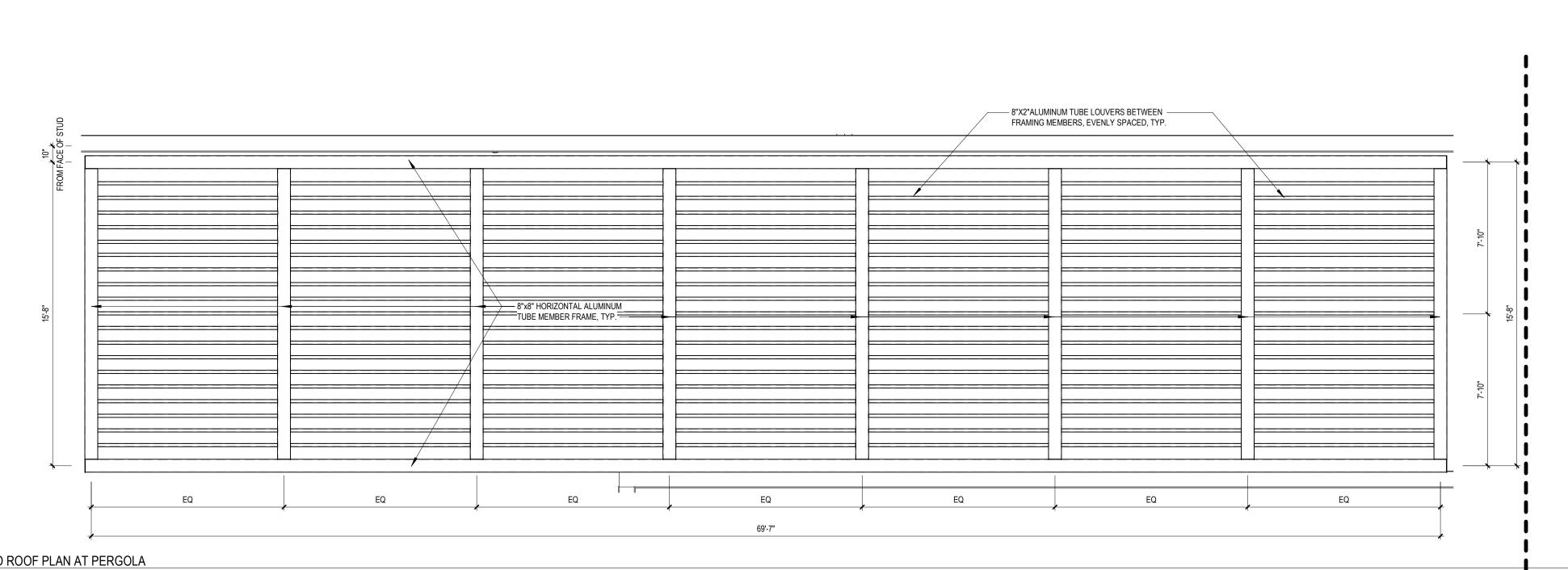
0' 4' 8' 16'

0' <sup>1</sup>/<sub>4</sub>" <sup>1</sup>/<sub>2</sub>" 1" SCALE: 3/32" = 1'-0"

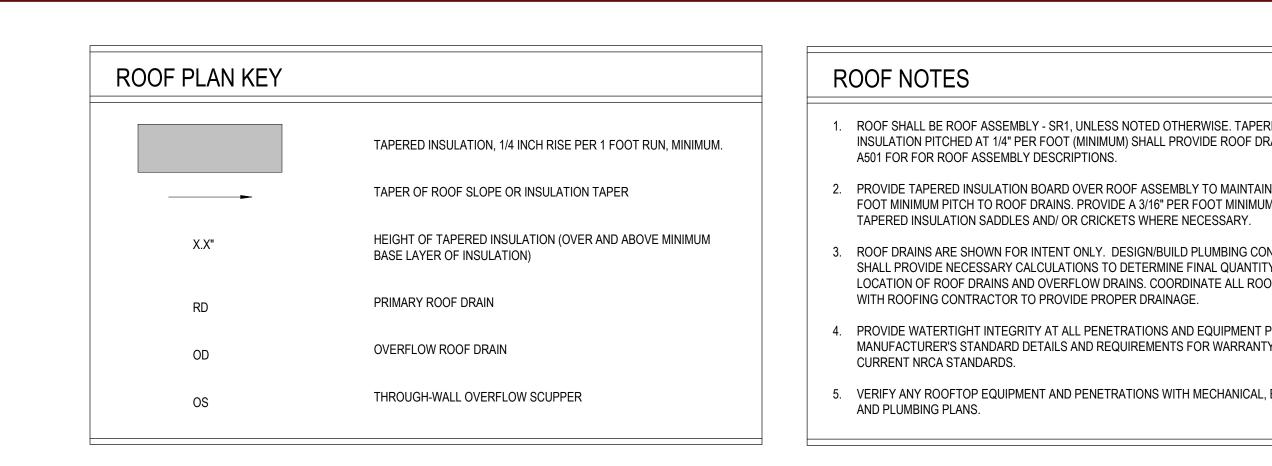




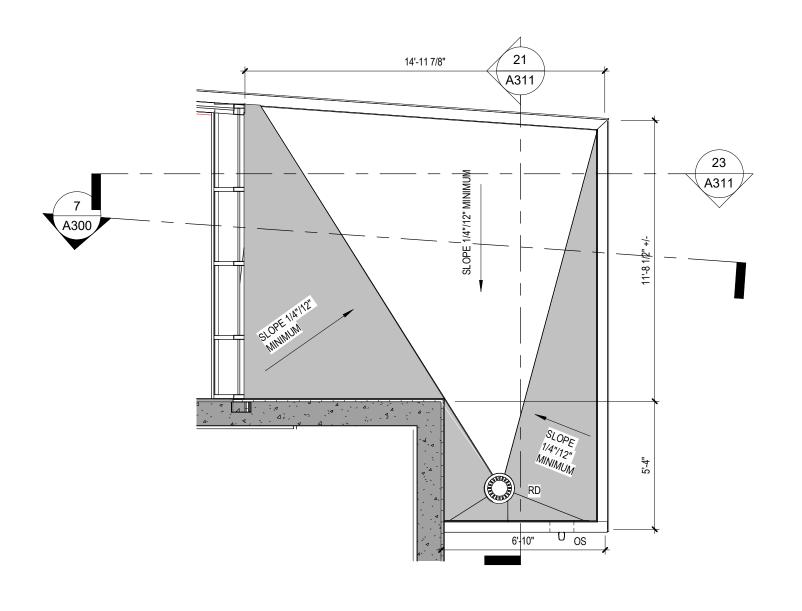




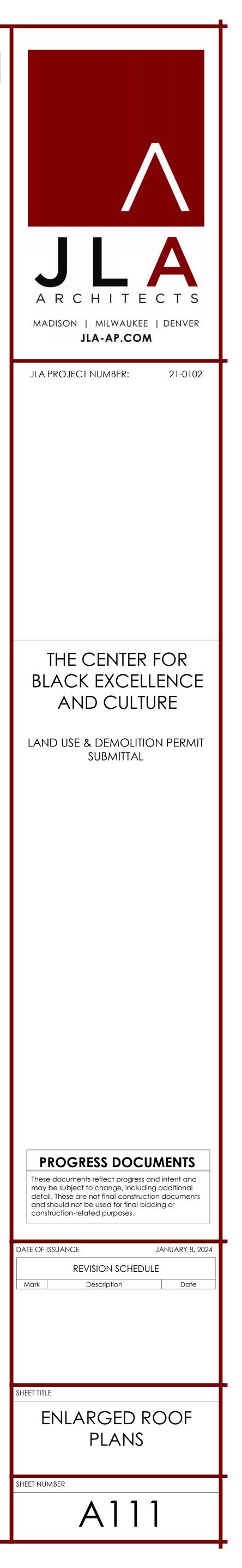
19 ENLARGED ROOF PLAN AT PERGOLA 1/4" = 1'-0"

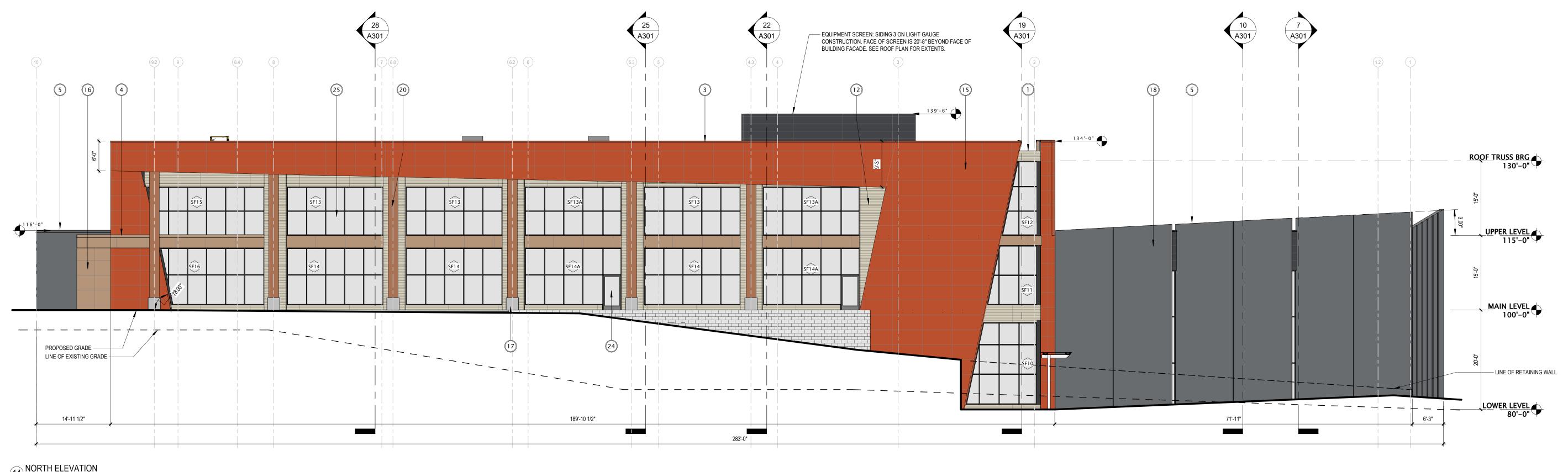


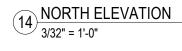
			KEYNOTE L		
			Key Value	Keynote Text	
red Rainage. See	6.	DESIGN / BUILD CONTRACTORS PROVIDING ROOF PENETRATIONS MUST PROVIDE TEMPORARY WEATHERTIGHT COVERS FOR OPENING UNTIL PLACEMENT OF FINISHED WORK OR COVERING.			
N A 1/4" PER M PITCH FOR	7.	OVERHANGS (IF ANY) SHALL BE AS SHOWN ON ROOF PLAN.			
	8.	PLUMBING CONTRACTOR TO COORDINATE THE LOCATION OF ROOF FROST PROOF HOSE BIB WITH OWNER. COORDINATE LOCATION WITH TRUSS LAYOUT BELOW.			
ONTRACTOR TY, SIZE, AND OF DRAINS	9.	PROVIDE PREFINISHED SHEET METAL COPINGS PER PLANS. REFER TO EXTERIOR ELEVATIONS' MATERIAL SCHEDULE FOR SPECIFIED METAL COLORS.			
PER ROOFING IY AND	10.	ROOF DRAINS AND/ OR RAIN LEADERS SHOWN FOR INTENT ONLY. ROOFING AND PLUMBING CONTRACTORS SHALL COORDINATE FINAL ROOF DRAIN/ RAIN LEADER LOCATIONS WITH ARCHITECT, AND SIZES BASED ON DRAINAGE CALCULATIONS PROVIDED BY PLUMBING SUB-CONTRACTOR.			
, ELECTRICAL,					



<sup>17</sup> ENLARGED ROOF PLAN - ENTRY CANOPY 1/4" = 1'-0"



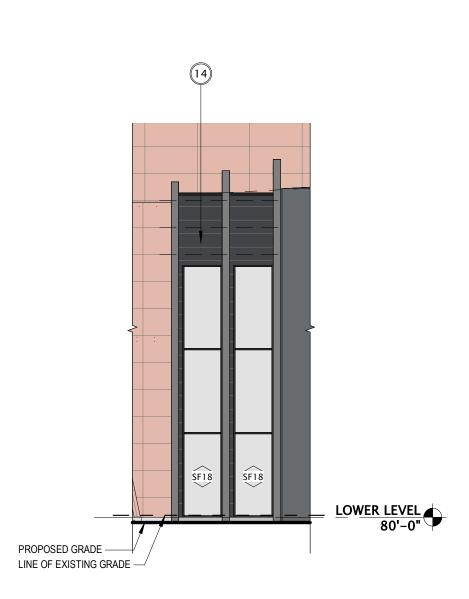






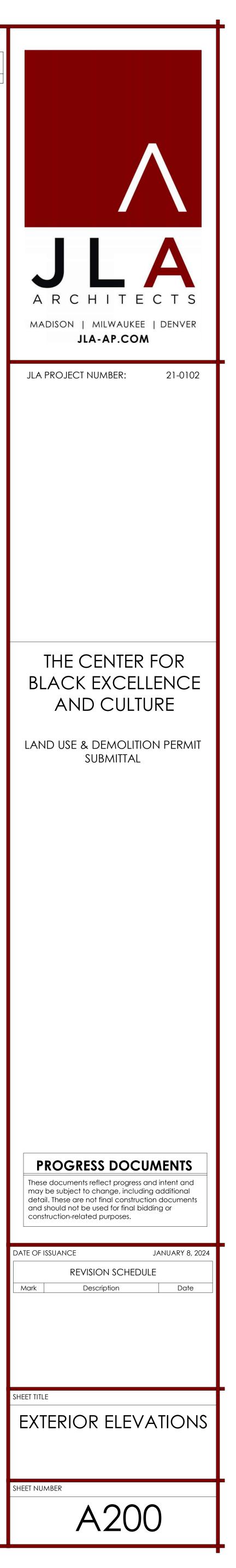
25) EAST ELEVATION 3/32" = 1'-0"

			EXTERIOR MATE	RIALS SCHEDULE		
/ARK	DESCRIPTION	MANUFACTURER	TYPE / STYLE	DIMENSIONS	COLOR	NOTES
1	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH SIDING 1	
2	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH SIDING 3	
3	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH SIDING 4	
4	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH SIDING 5	
5	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH SIDING 6	
6	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH CONCRETE WALL	
7	SOFFIT	CERACLAD	COMPOSITE PANEL		COLOR TO MATCH ADJACENT FACADE	
12	SIDING - 1 (BEIGE)	CERACLAD	COMPOSITE PANEL	SEE ELEVATIONS	STRAHL BEIGE (HORIZONTAL)	
13	SIDING - 2 (BEIGE)	CERACLAD	COMPOSITE PANEL	SEE ELEVATIONS	STRAHL BEIGE (VERTICAL)	
14	SIDING - 3 (CHARCOAL)	CERACLAD	COMPOSITE PANEL	SEE ELEVATIONS	CASHMERE SMOOTH CHARCOAL (HORIZONTAL)	
15	SIDING - 4 (COPPER)	ALPOLIC	PREFINISHED METAL PANEL	SEE ELEVATIONS	DXC METALLIC COPPER	
16	SIDING - 5 (BRONZE)	ALPOLIC	PREFINISHED METAL PANEL	SEE ELEVATIONS	MBX METALLIC BRONZE	
17	SIDING - 6 (GRAY)	REALCAST CONCRETE	CONCRETE PANEL	48"x 48"	TBD	
18	CONCRETE TILT-UP	WELLS - OR EQUAL	SANDWICH PANEL	SEE ELEVATIONS	BLACK ACID ETCH	
19	SIDING - 7 (DARK)	CERACLAD	COMPOSITE PANEL	SEE ELEVATIONS	ELEMENTS BLACKEN STEEL	
20	DECORATIVE COLUMN	TRESPA METEON	WOOD-LOOK PANEL WRAPPED	SEE ELEVATIONS	WOOD DECORS WESTERN RED CEDAR	
21	STEEL ENTRY DOOR	STEELCRAFT - OR EQUAL	INSULATED	SEE DOOR SCHEDULE	PAINT TO MATCH ADJACENT MATERIALS	
22	PATIO RAILING	TBD	CABLE RAILING AND ALUMINUM	SEE PLAN	TBD	
23	OVERHEAD GARAGE DOOR	CLOPAY - OR EQUAL	INSULATED STEEL	SEE DOOR SCHEDULE	PAINT TO MATCH ADJACENT MATERIALS	
24	ALUMINUM ENTRANCE DOOR(S)	KAWNEER - OR EQUAL	PREFINISHED ALUMINUM	SEE DOOR SCHEDULE	BLACK	
25	ALUMINUM STOREFRONT	KAWNEER - OR EQUAL	TRIFAB 451T	SEE DOOR SCHEDULE	BLACK	

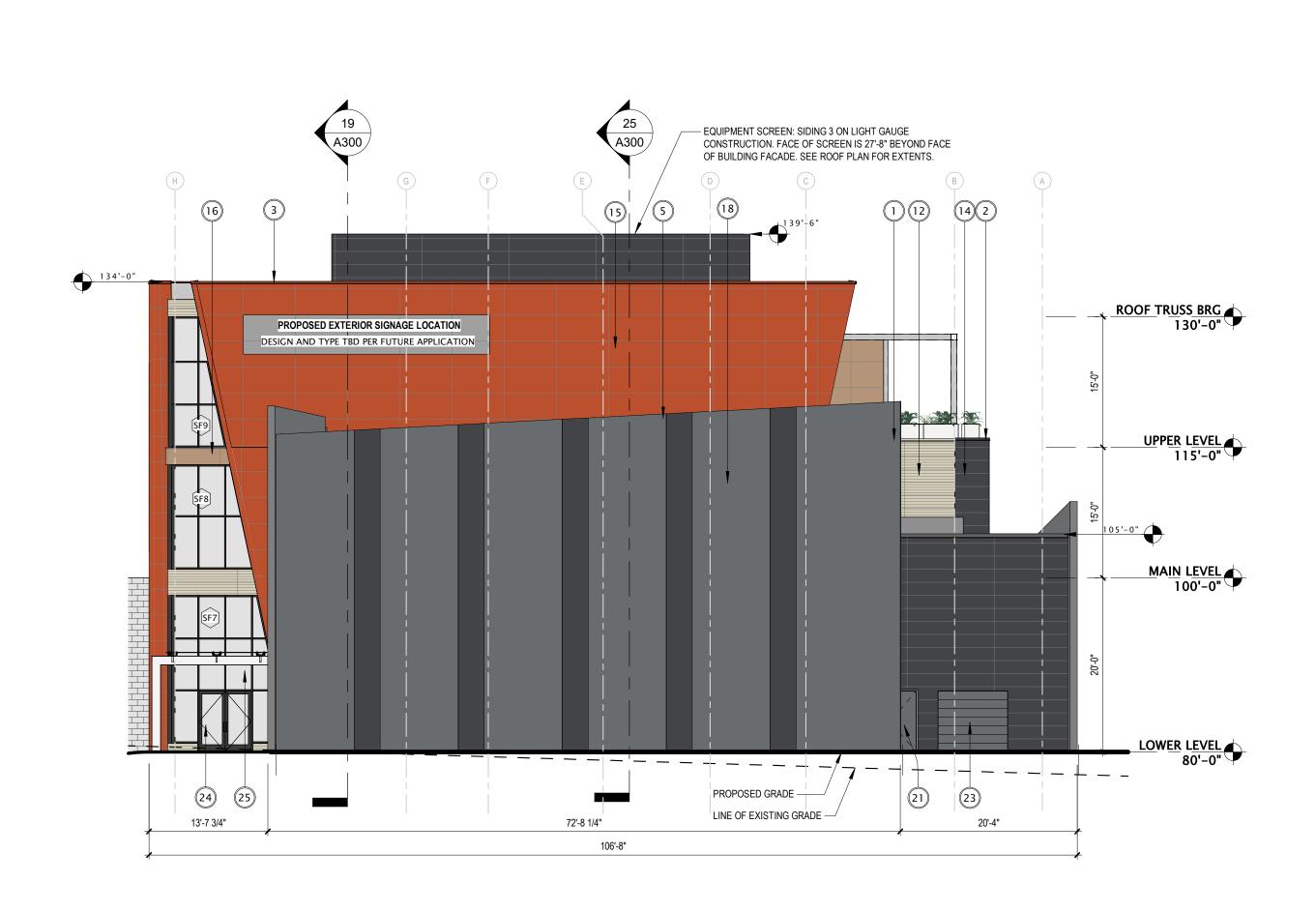


28) PARTIAL ELEVATION - NW CORNER FROM NORTH 3/32" = 1'-0"

	KEYNOTE LEGEND	
Key Value	Keynote Text	

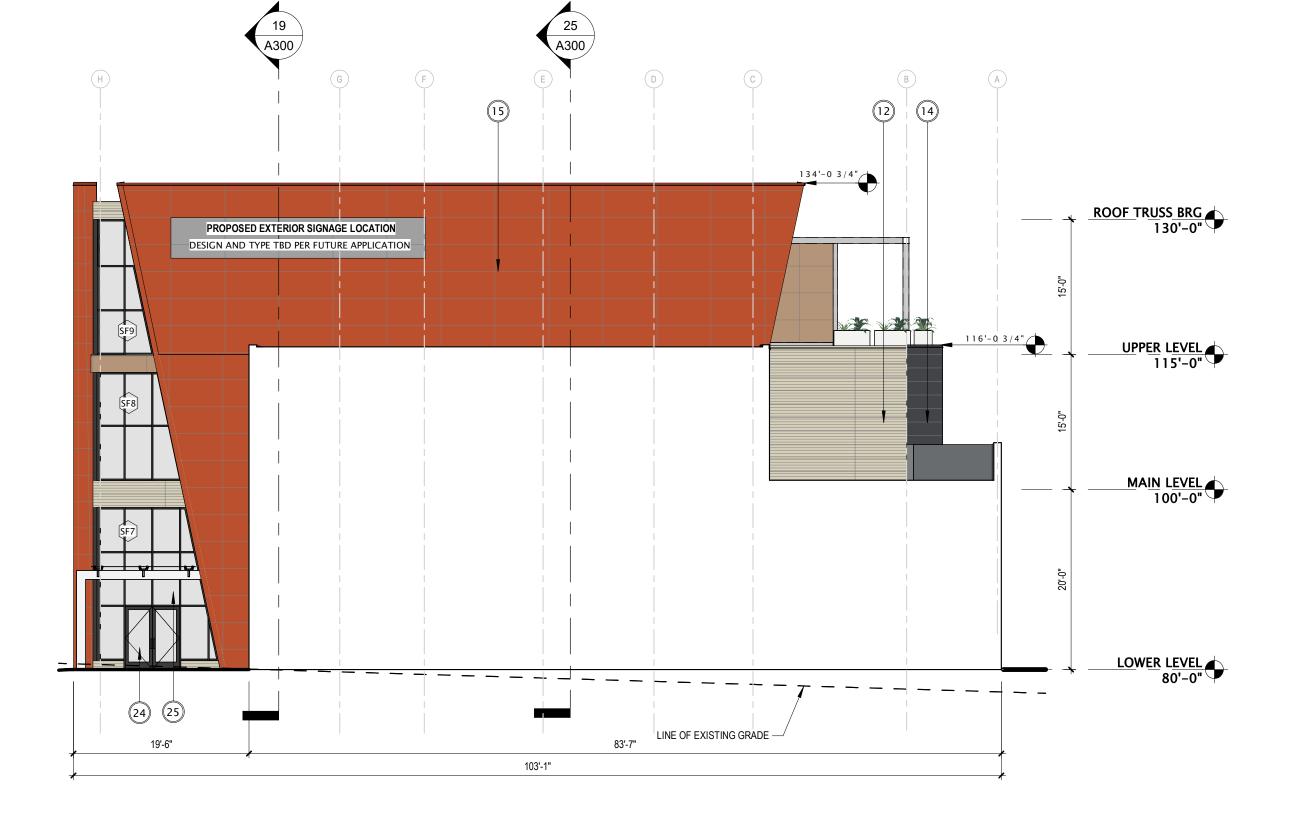


(26) WEST ELEVATION 3/32" = 1'-0"



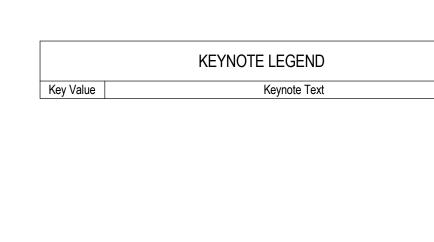


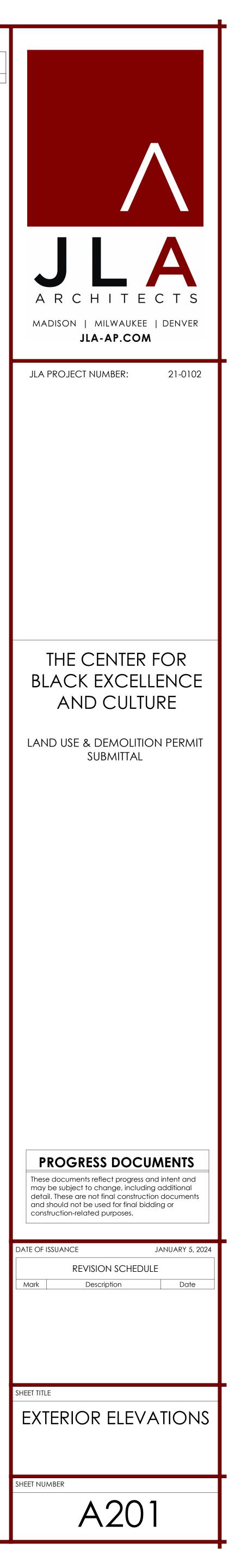
	EXTERIOR MATERIALS SCHEDULE						
MARK	DESCRIPTION	MANUFACTURER	TYPE / STYLE	DIMENSIONS	COLOR	NOTES	
1	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH SIDING 1		
2	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH SIDING 3		
3	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH SIDING 4		
4	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH SIDING 5		
5	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH SIDING 6		
6	METAL WALL CAP	PAC-CLAD - OR EQUAL	PREFINISHED ALUMINUM	SEE PLANS	COLOR TO MATCH CONCRETE WALL		
7	SOFFIT	CERACLAD	COMPOSITE PANEL		COLOR TO MATCH ADJACENT FACADE		
12	SIDING - 1 (BEIGE)	CERACLAD	COMPOSITE PANEL	SEE ELEVATIONS	STRAHL BEIGE (HORIZONTAL)		
13	SIDING - 2 (BEIGE)	CERACLAD	COMPOSITE PANEL	SEE ELEVATIONS	STRAHL BEIGE (VERTICAL)		
14	SIDING - 3 (CHARCOAL)	CERACLAD	COMPOSITE PANEL	SEE ELEVATIONS	CASHMERE SMOOTH CHARCOAL (HORIZONTAL)		
15	SIDING - 4 (COPPER)	ALPOLIC	PREFINISHED METAL PANEL	SEE ELEVATIONS	DXC METALLIC COPPER		
16	SIDING - 5 (BRONZE)	ALPOLIC	PREFINISHED METAL PANEL	SEE ELEVATIONS	MBX METALLIC BRONZE		
17	SIDING - 6 (GRAY)	REALCAST CONCRETE	CONCRETE PANEL	48"x 48"	TBD		
18	CONCRETE TILT-UP	WELLS - OR EQUAL	SANDWICH PANEL	SEE ELEVATIONS	BLACK ACID ETCH		
19	SIDING - 7 (DARK)	CERACLAD	COMPOSITE PANEL	SEE ELEVATIONS	ELEMENTS BLACKEN STEEL		
20	DECORATIVE COLUMN	TRESPA METEON	WOOD-LOOK PANEL WRAPPED	SEE ELEVATIONS	WOOD DECORS WESTERN RED CEDAR		
21	STEEL ENTRY DOOR	STEELCRAFT - OR EQUAL	INSULATED	SEE DOOR SCHEDULE	PAINT TO MATCH ADJACENT MATERIALS		
22	PATIO RAILING	TBD	CABLE RAILING AND ALUMINUM	SEE PLAN	TBD		
23	OVERHEAD GARAGE DOOR	CLOPAY - OR EQUAL	INSULATED STEEL	SEE DOOR SCHEDULE	PAINT TO MATCH ADJACENT MATERIALS		
24	ALUMINUM ENTRANCE DOOR(S)	KAWNEER - OR EQUAL	PREFINISHED ALUMINUM	SEE DOOR SCHEDULE	BLACK		
25	ALUMINUM STOREFRONT	KAWNEER - OR EQUAL	TRIFAB 451T	SEE DOOR SCHEDULE	BLACK		

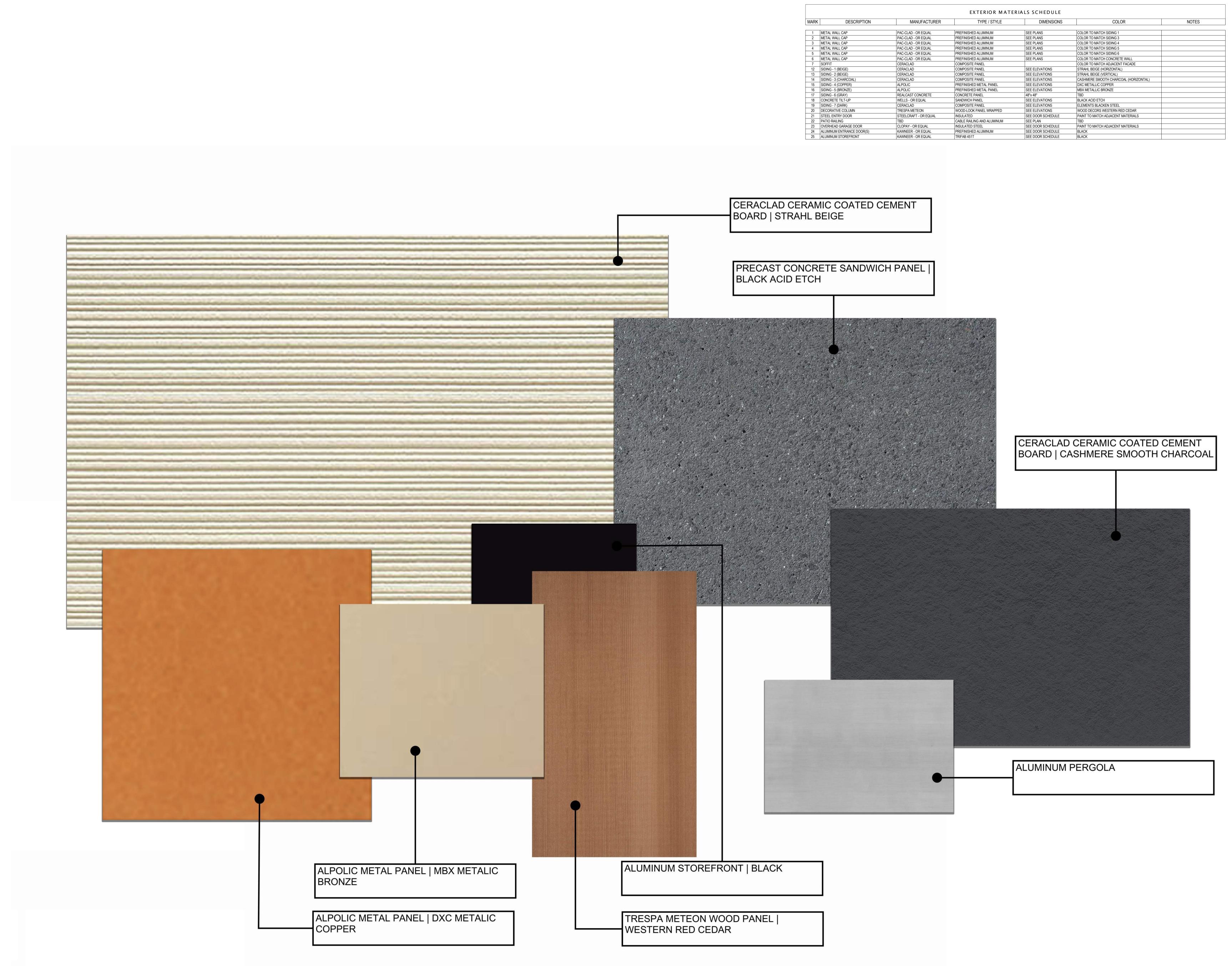


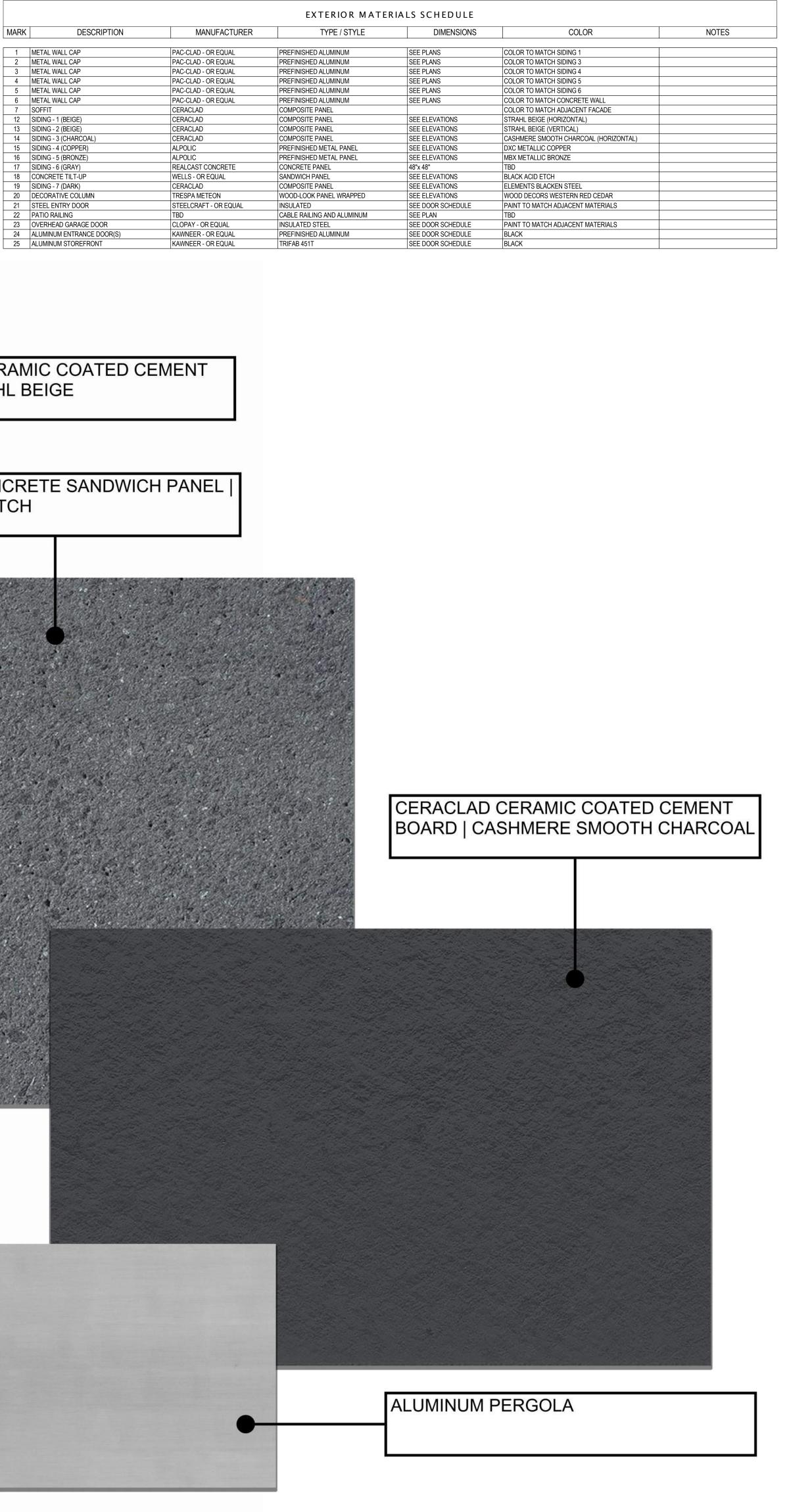
1 WEST ELEVATION - BACK WALL 3/32" = 1'-0"

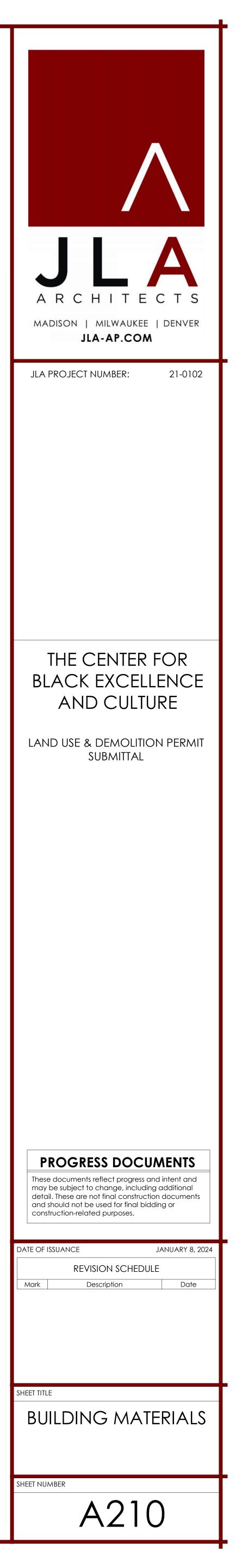








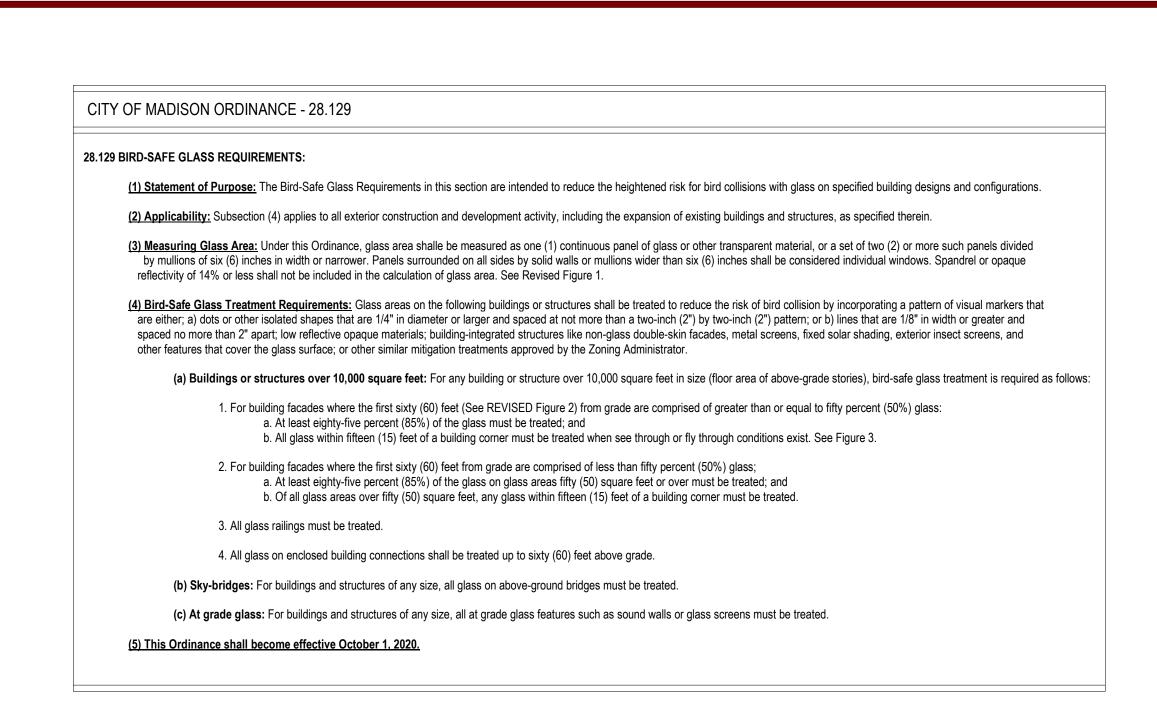




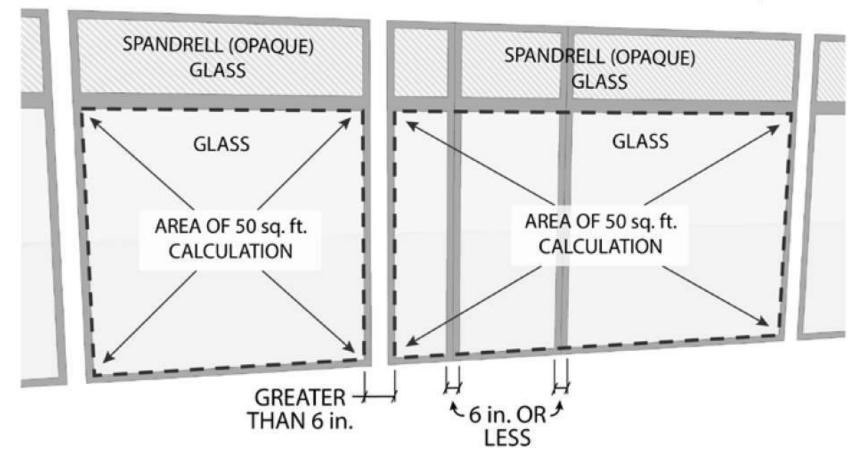
### **BIRD GLASS CALCULATIONS - THE CENTER** 1/3/2024

				WALL DESIGNATION									
				SOUTH EI	EVATION	EAST EL	VATION	NORTH E	LEVATION	WEST EL	EVATION		
WINDOW DESIGNATION	WIDTH	HEIGHT	AREA	# WINDOW	GLZ AREA	# WINDOW	GLZ AREA	# WINDOW	# GLZ AREA	# WINDOW	GLZ AREA		
STORE FRONT 1	11.3	8.0	90.0	4.0	360.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STORE FRONT 2	8.0	7.0	56.0	14.0	784.0	3.0	168.0	0.0	0.0	0.0	0.0	0.0	0.0
STORE FRONT 3 (TRAPEZOID SHAPE)			334.0	1.0	334.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STORE FRONT 4	16.8	10.0	167.5	1.0	167.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STORE FRONT 5	16.8	10.0	167.5	1.0	167.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STORE FRONT 6	18.8	10.0	187.5	1.0	187.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STORE FRONT 7 (TRAPEZOID SHAPE)			185.0		0.0	0.0	0.0	0.0	0.0	1.0	185.0	0.0	0.0
STORE FRONT 8 (TRAPEZOID SHAPE)			87.0		0.0	0.0	0.0	0.0	0.0	1.0	87.0	0.0	0.0
STORE FRONT 9 (TRAPEZOID SHAPE)			61.0		0.0	0.0	0.0	0.0	0.0	1.0	61.0	0.0	0.0
STORE FRONT S10 (TRAPEZOID SHAPE)			197.0		0.0	0.0	0.0	1.0	197.0	0.0	0.0	0.0	0.0
STORE FRONT S11 (TRAPEZOID SHAPE)			99.0		0.0	0.0	0.0	1.0	99.0	0.0	0.0	0.0	0.0
STORE FRONT S12 (TRAPEZOID SHAPE)			80.0		0.0	0.0	0.0	1.0	80.0	0.0	0.0	0.0	0.0
STORE FRONT S13	19.5	9.8	190.1		0.0	0.0	0.0	3.0	570.4	0.0	0.0	0.0	0.0
STORE FRONT S13A	19.5	9.8	190.1		0.0	0.0	0.0	2.0	380.3	0.0	0.0	0.0	0.0
STORE FRONT S14	19.5	11.5	224.3		0.0	0.0	0.0	3.0	672.8	0.0	0.0	0.0	0.0
STORE FRONT S14A	19.5	11.5	224.3		0.0	0.0	0.0	2.0	448.5	0.0	0.0	0.0	0.0
STORE FRONT S15 (TRAPEZOID SHAPE)			211.0		0.0	0.0	0.0	1.0	211.0	0.0	0.0	0.0	0.0
STORE FRONT S16 (TRAPEZOID SHAPE)			217.0		0.0	0.0	0.0	1.0	217.0	0.0	0.0	0.0	0.0
STORE FRONT S17A (ANGLED WALL)			109.0		0.0	1.0	109.0	0.0	0.0	0.0	0.0	0.0	0.0
STORE FRONT S17B (ANGLED WALL)			132.0		0.0	1.0	132.0	0.0	0.0	0.0	0.0	0.0	0.0
STORE FRONT S18	4.3	28.0	119.0		0.0	0.0	0.0	0.0	0.0	2.0	238.0	0.0	0.0
				TOTAL GLZ	2000.5	TOTAL GLZ	409.0	TOTAL GLZ	2,875.9	TOTAL GLZ	571.0	TOTAL GLZ	0.0
				WALL AREA	11035	WALL AREA	2,419.0	WALL AREA	10,055.0	WALL AREA	5,164.0	WALL AREA	0.0
				18.13%	% GLAZING	16.91%	% GLAZING	28.60%	% GLAZING	11.06%	% GLAZING	#DIV/0!	% GLAZING

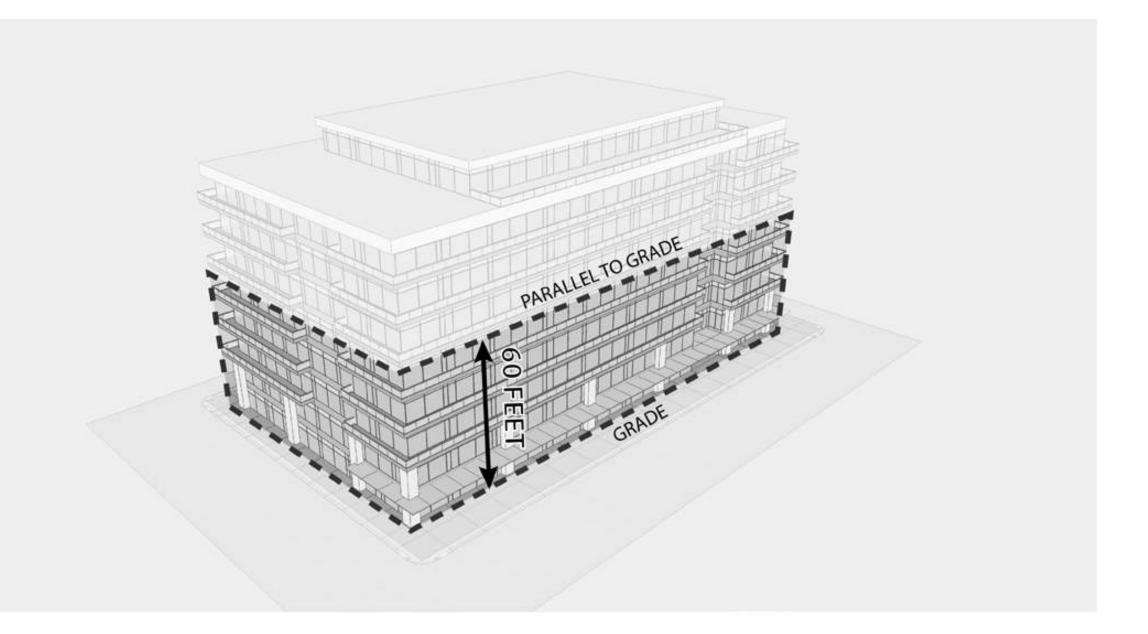
### 50+ SQ FT AND REQUIRE A BIRD GLAZING SAFETY SYSTEM ON A MIN. OF 85% OF THE GLAZING



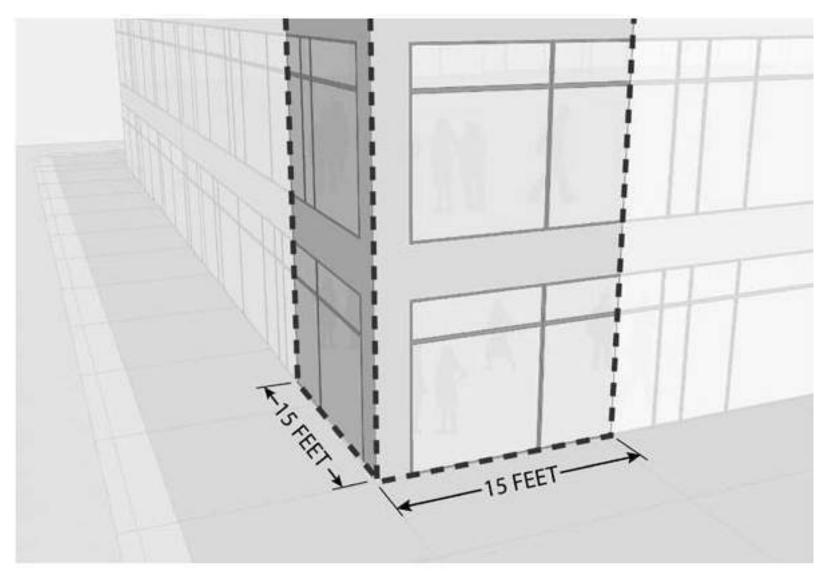
### SPANDRELL (OPAQUE) GLASS MUST HAVE A REFLECTIVITY OF 14% OR ✓ LESS IN ORDER TO NOT BE COUNTED IN GLASS AREA CALCULATIONS



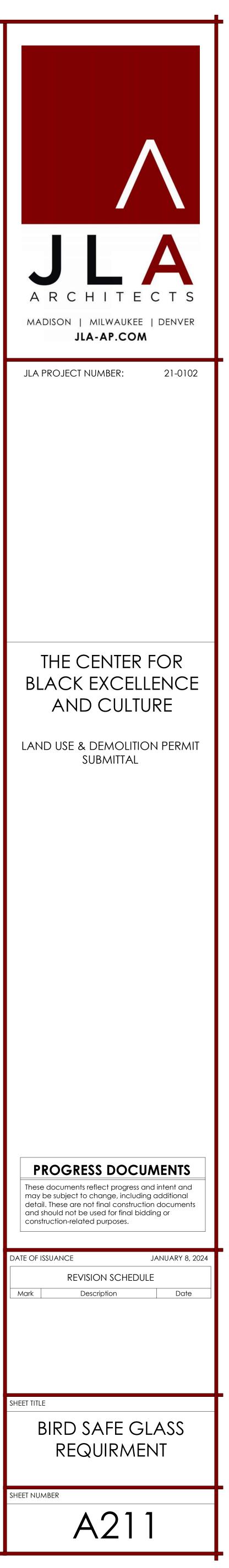
1 FIGURE 1 - WINDOW MULLION GRAPHIC 12" = 1'-0"



2 FIGURE 2 - 60 FEET GRAPHIC 12" = 1'-0"



3 FIGURE 3 - GLASS CORNER GRAPHIC 12" = 1'-0"



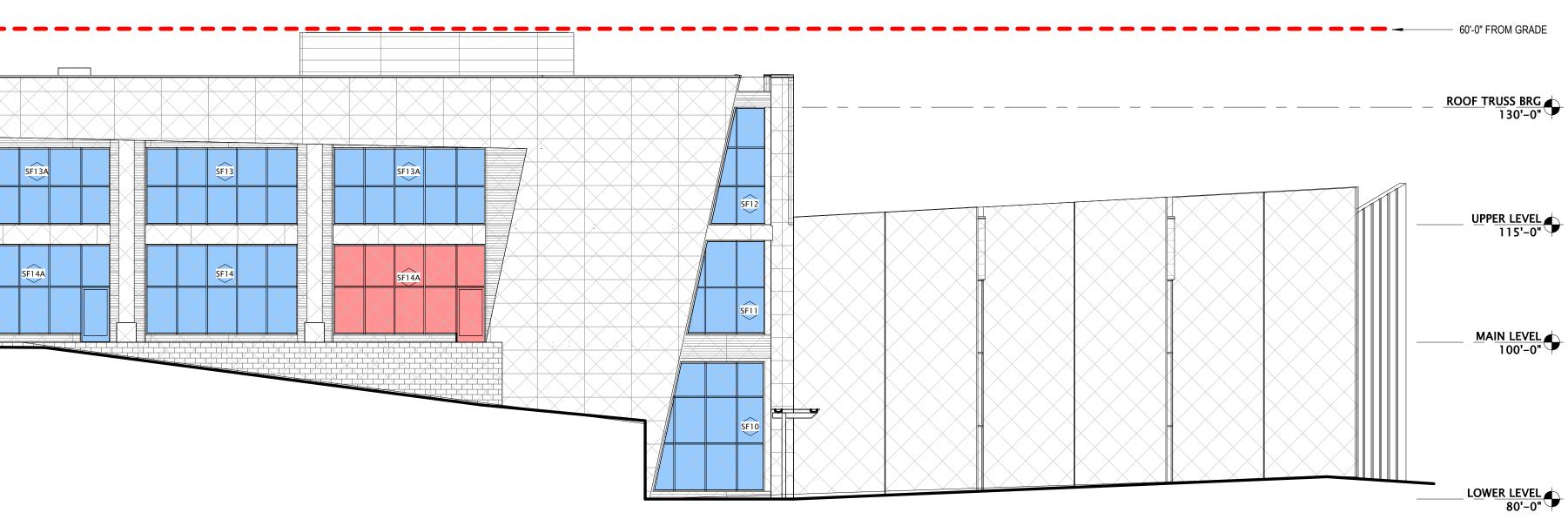


## 2 BIRD GLASS - SOUTH ELEVATION 3/32" = 1'-0"

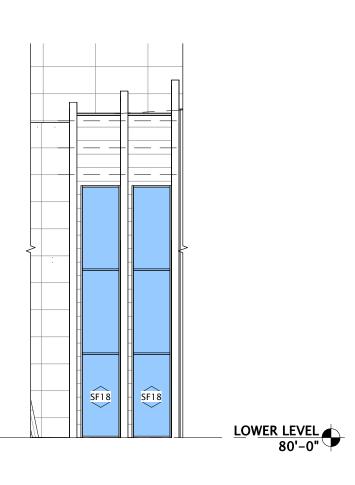
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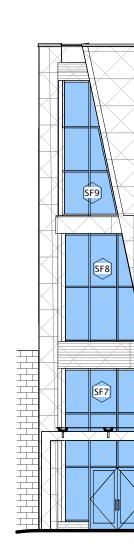
1 BIRD SAFE GLASS - NORTH ELEVATION 3/32" = 1'-0"

SF15	SF13	SF13
SF16	SF14	<u>\$F14</u>

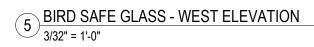


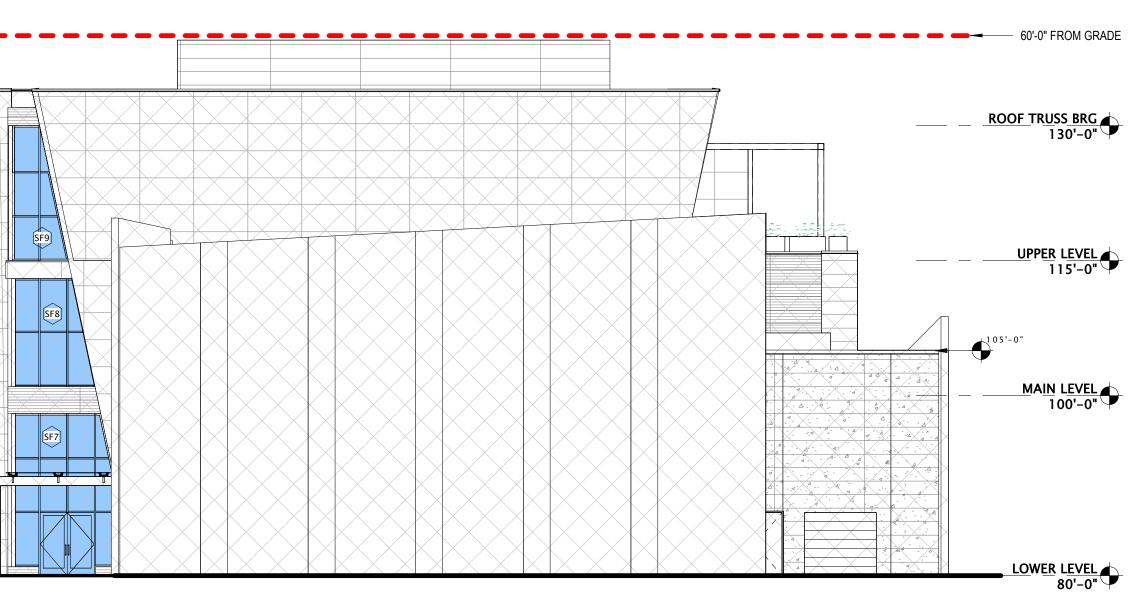






 $(4) \frac{\text{BIRD SAFE GLASS - PARTIAL ELEVATION - NW CORNER FROM NORTH}}{3/32" = 1'-0"}$ 



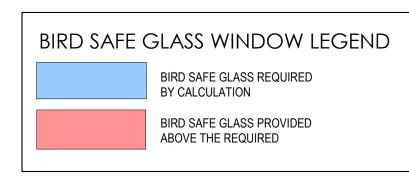


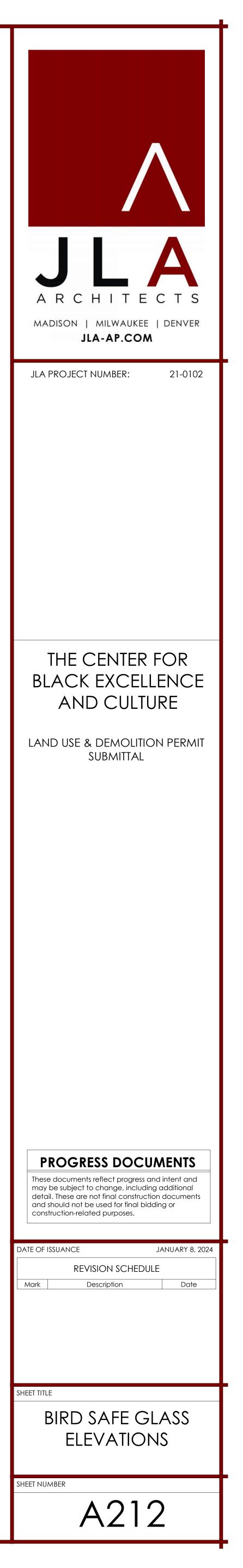
- 60'-0" FROM GRADE

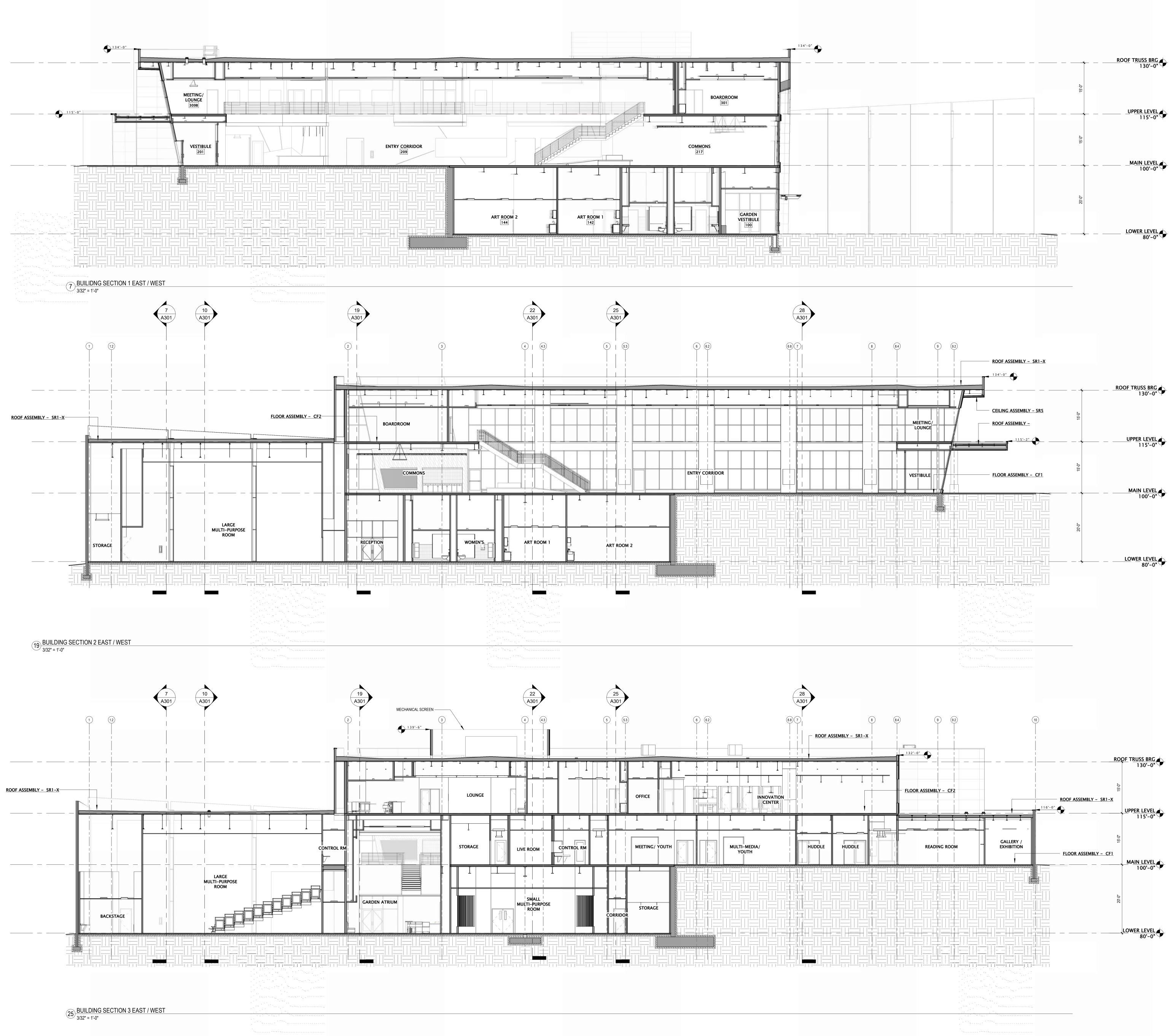
ROOF TRUSS BRG 130'-0"

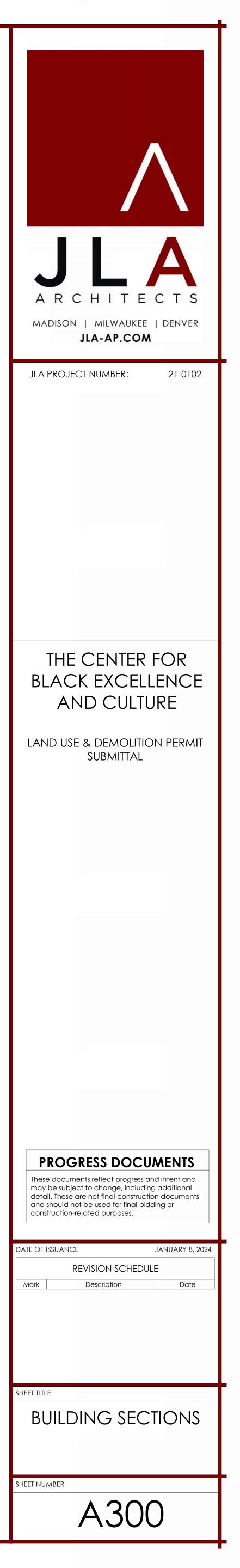
\_\_\_\_\_UPPER\_LEVEL 115'-0"

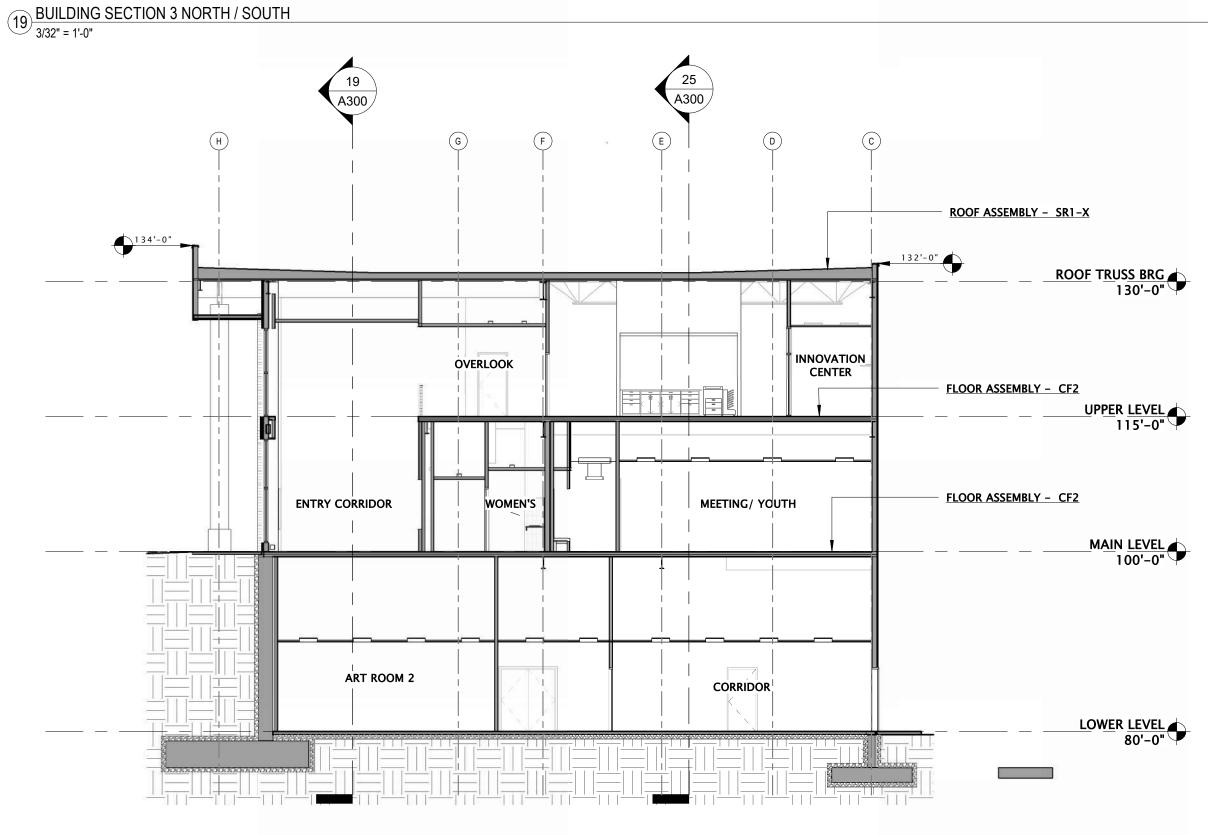
MAIN LEVEL



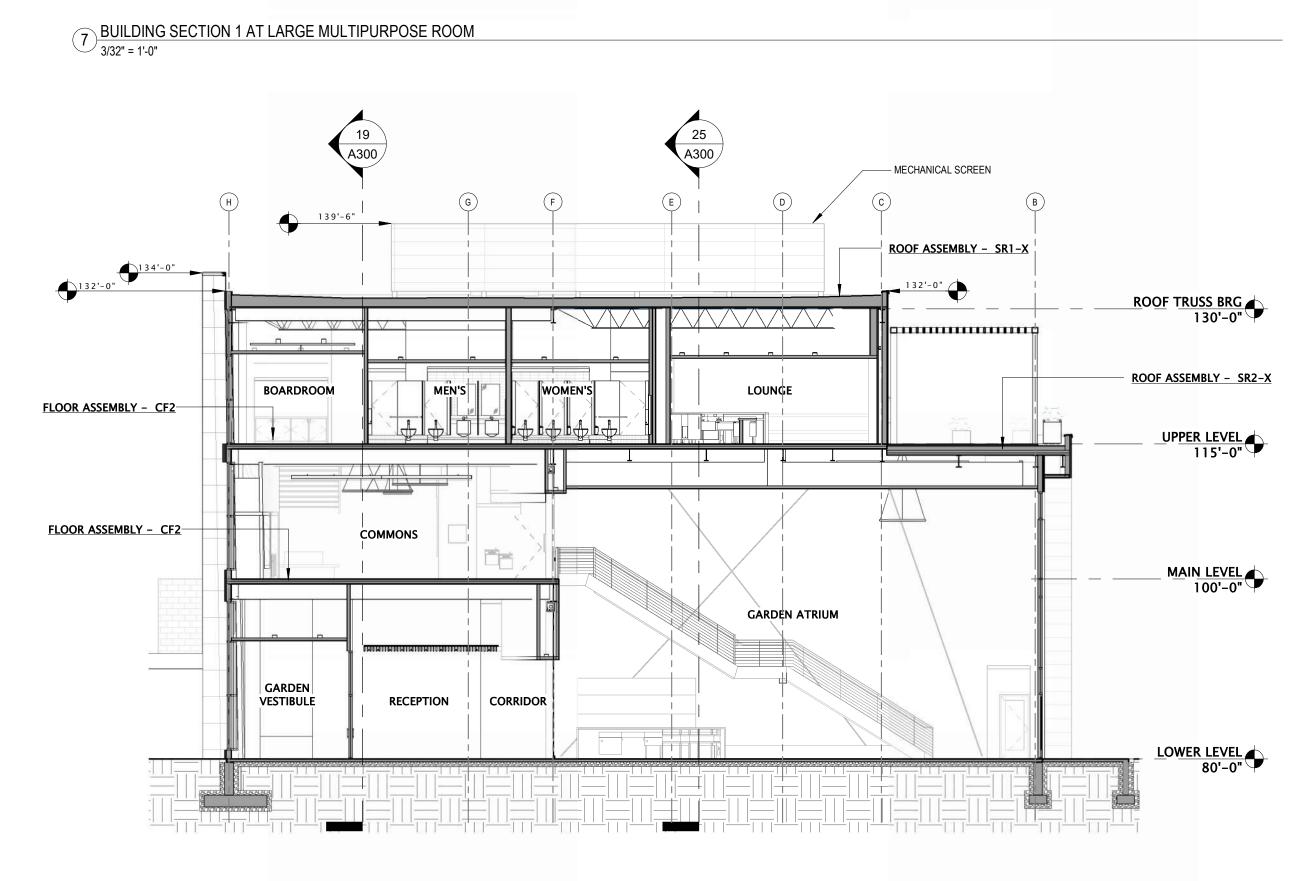




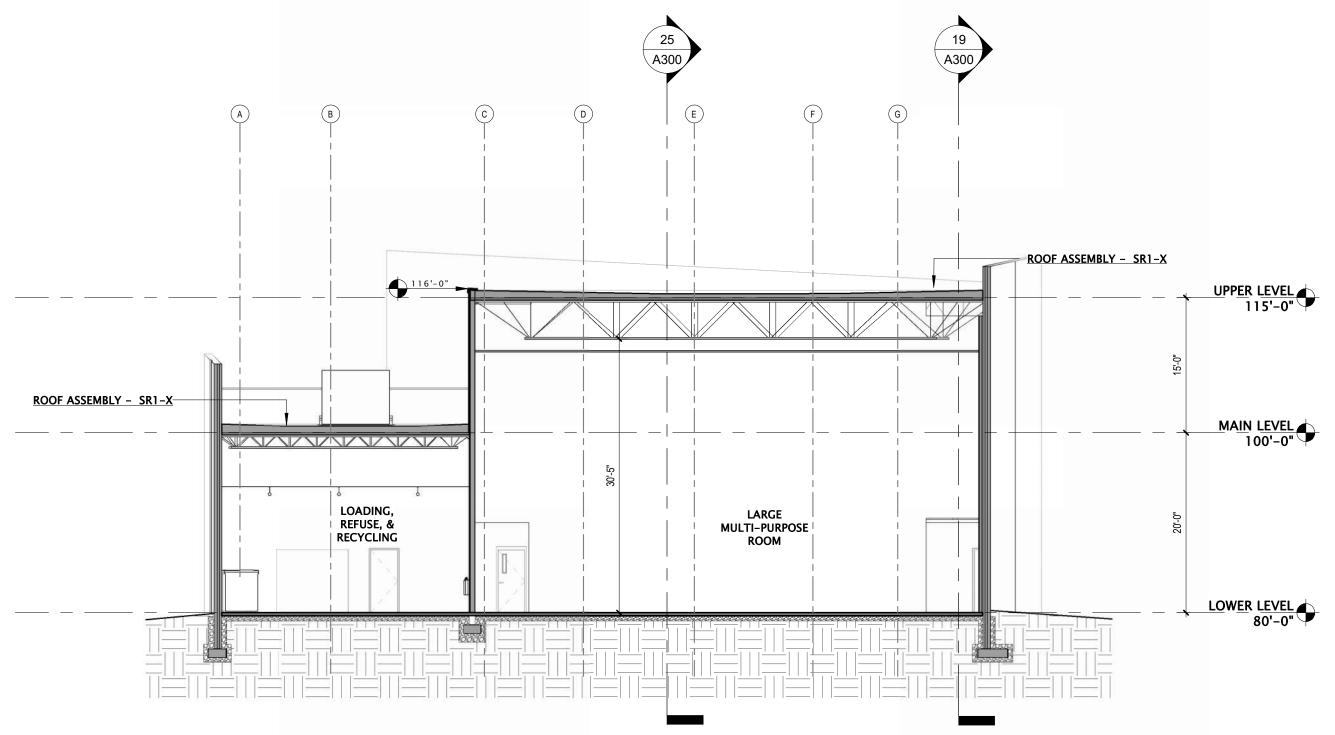




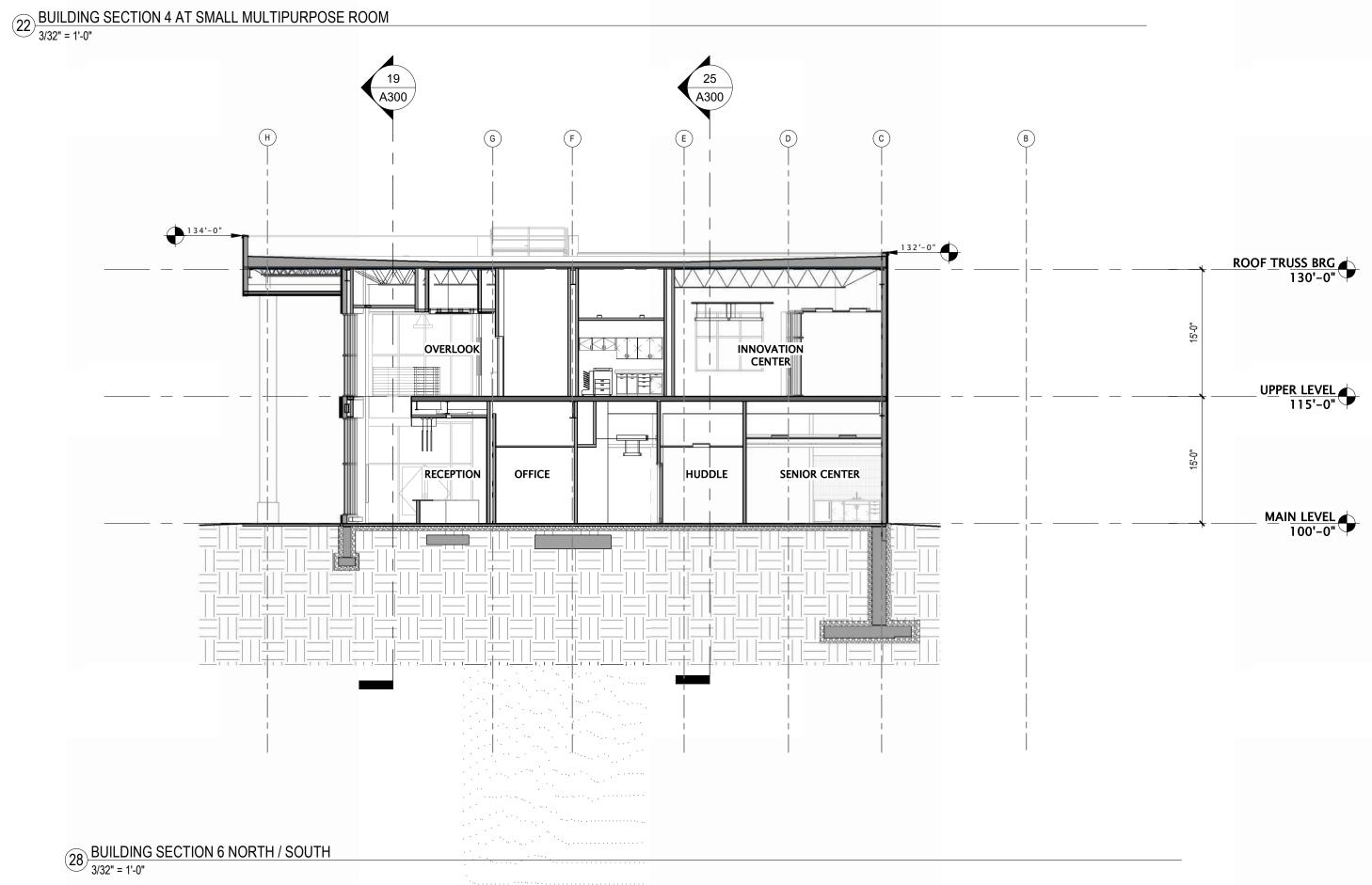














OVERLOOK

ENTRY CORRIDOR

ART ROOM 1

E Branner

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