



URBAN DESIGN COMMISSION APPLICATION CITY OF MADISON

This form may also be completed online at:
<http://www.cityofmadison.com/planning/documents/UDCapplication.pdf>

215 Martin Luther King Jr. Blvd; Room LL-100
PO Box 2985; Madison, Wisconsin 53701-2985
Phone: 608.266.4635 | Facsimile: 608.267.8739

Please complete all sections of the application, including the desired meeting date and the type of action requested.

Date Submitted: <u>February 8, 2017</u>	<input type="checkbox"/> Informational Presentation
UDC Meeting Date: <u>February 22, 2017</u>	<input type="checkbox"/> Initial Approval
Combined Schedule Plan Commission Date (if applicable): _____	<input checked="" type="checkbox"/> Final Approval

1. Project Address: 801 E. Washington Ave.
Project Title (if any): The Cosmos

2. This is an application for (Check all that apply to this UDC application):

New Development Alteration to an Existing or Previously-Approved Development

A. Project Type:

- Project in an Urban Design District* (public hearing-\$300 fee) [*Fee paid with August 24, 2016 application*]
- Project in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) (\$150 fee, Minor Exterior Alterations)
- Suburban Employment Center (SEC) or Campus Institutional District (CI) or Employment Campus District (EC)
- Planned Development (PD)
 - General Development Plan (GDP)
 - Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Planned Residential Complex

AGENDA ITEM #
LEGISTAR # <u>44003</u>
ALD. DIST. <u>6</u>

B. Signage:

- Comprehensive Design Review* (public hearing-\$300 fee) Street Graphics Variance* (public hearing-\$300 fee)
- Signage Exception(s) in an Urban Design District (public hearing-\$300 fee)

C. Other:

Please specify: _____

3. Applicant, Agent & Property Owner Information:

Applicant Name: Otto C. Gebhardt III
Street Address: 222 North Street
Telephone: (608) 245-0753 Fax: () _____

Company: Gebhardt Development LLC
City/State: Madison, WI Zip: 53704
Email: gebhardtdevelopment@tds.net

Project Contact Person: Lee Christensen
Street Address: 222 North Street
Telephone: (608) 209-7568 Fax: () _____

Company: Gebhardt Development LLC
City/State: Madison, WI Zip: 53704
Email: lee@gebhardtdevelopment.com

Project Owner (if not applicant): City of Madison
Street Address: 126 South Hamilton Street
Telephone: () _____ Fax: () _____

City/State: Madison, WI Zip: 53703
Email: _____

4. Applicant Declarations:

A. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Al Martin (name of staff person) on August 5, 2016 (date of meeting).

B. The applicant attests that all required materials are included in this submittal and understands that if any required information is not provided by the application deadline, the application will not be placed on an Urban Design Commission agenda for consideration.

Name of Applicant Otto C. Gebhardt III

Relationship to Property Applicant

Authorized Signature _____

Date 2/16/17

HUSCH BLACKWELL

Jeffrey L. Vercauteren
Direct: (608) 234-6052
jeff.vercauteren@huschblackwell.com

February 8, 2017

VIA E-MAIL AND HAND DELIVERY

Urban Design Commission
City of Madison
126 South Hamilton Street
Madison, WI 53703
udcapplications@cityofmadison.com

Re: Submittal for Final Approval
The Cosmos Project – 801 East Washington Avenue

Dear Commission Members:

Please find enclosed a submittal for Final Approval of the eight-story version of The Cosmos project at 801 East Washington Avenue. The Urban Design Commission reviewed and granted Initial Approval for the eight-story version of the project on January 11, 2017. The Plan Commission reviewed and approved the eight-story version on January 23, 2017.

Based on the comments received from the Urban Design Commission at the January 11 meeting, this submittal for final approval addresses the following:

- **Bonus Stories.** The project team has identified three options for satisfying the bonus story standard under MGO 33.24(15)(e)12. to allow for two bonus stories on the East Main Street side of the property:
 - **Option 1: On-Site, Publicly Accessible Plaza (Shared Plaza and Pocket Park with The Spark).** This option would utilize one-half of the plaza and pocket park shared with The Spark project (7,185 sq. ft.), subject to a reciprocal easement agreement with American Family, to provide up to 35,925 sq. ft. of bonus story area. The easement agreement contains provisions requiring the plaza and pocket park areas be available to visitors of the properties and free from any permanent obstructions.
 - **Option 2: On-Site, Publicly Accessible Plaza (Plaza Areas on Northeast and Southwest Corners of Site).** This option would utilize a portion of the pocket park on the northeast corner of the Cosmos project and the plaza area on the southwest corner of the Cosmos project (6,190

HUSCH BLACKWELL

February 8, 2017

Page 2

sq. ft.) to provide up to 30,950 sq. ft. of bonus story area. The areas are entirely on the Cosmos project site and are accessible to the public.

- **Option 3: LEED Silver Equivalency and On-Site, Publicly Accessible Plaza.** This option would utilize the plaza area on the southwest corner of the Cosmos project (3,300 sq. ft.) to provide up to 33,000 sq. ft. of bonus story area. Additionally, the building would be designed to be equivalent to LEED Silver standards.

Option 1 remains the preferred option of the project team. If the Commission concludes that Option 1 does not meet the bonus story standards, the project team asks the Commission to consider Option 2 first, and then Option 3 if necessary.

- **Design Changes.** The following design changes address Commission comments provided during the January 11 meeting:
 - The brick mass on Livingston Street has been better articulated to support the tower element.
 - Forms on East Main Street have been simplified by reducing the number and type of materials.
 - The cantilever screening has been better articulated to extend the soffit and add mechanical louver and aluminum extrusion.

Additional design changes will be highlighted during the meeting presentation.

We look forward to presenting these materials to you at your upcoming meetings.

Very truly yours,



Jeffrey L. Vercauteren

JLV/jmd
Enclosures



VIEW FROM E. WASHINGTON AVE LOOKING NORTHEAST



VIEW FROM E. WASHINGTON AVE LOOKING SOUTHWEST



ALLEY AT ADJOINING PROPERTY LINE



VIEW FROM E. MAIN ST. LOOKING NORTHWEST

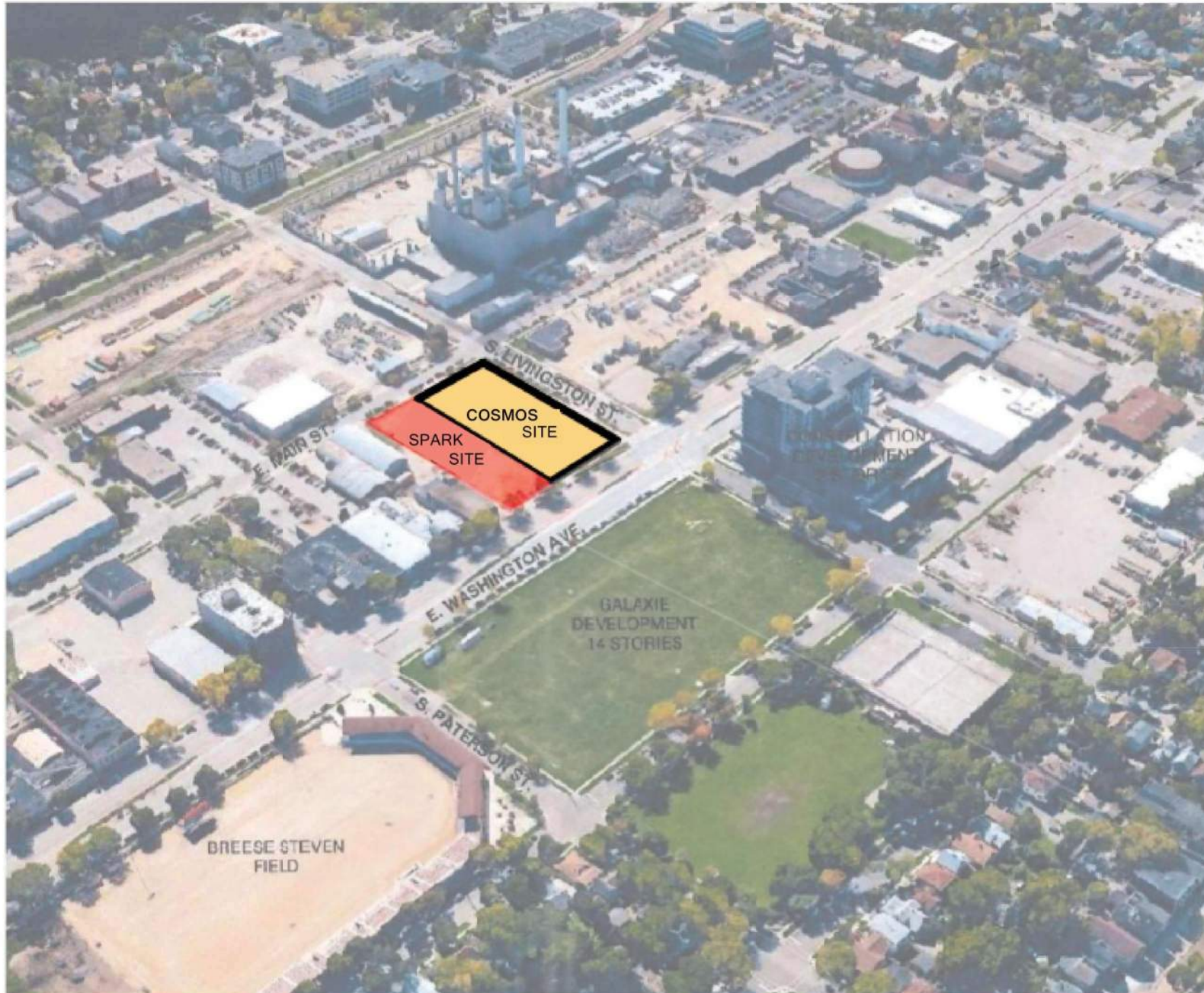


VIEW FROM E. MAIN ST. LOOKING NORTHEAST

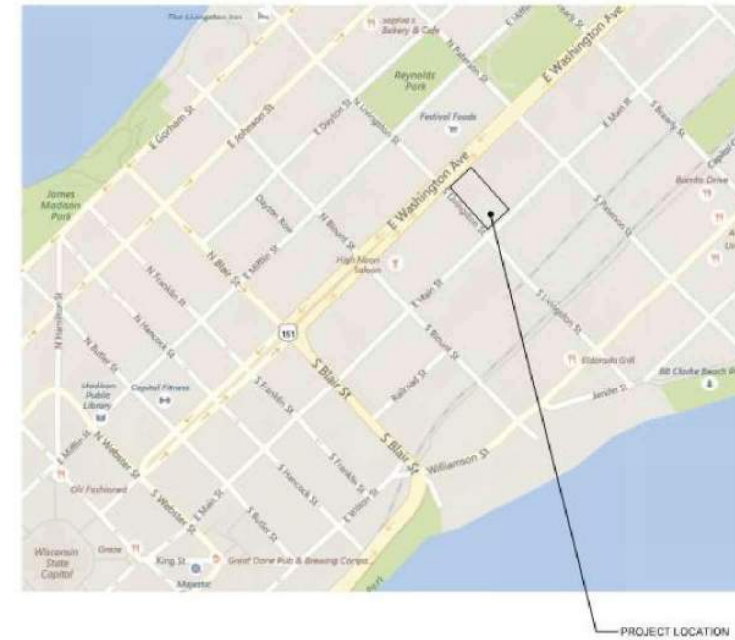


VIEW FROM E. MAIN ST. LOOKING NORTH

SITE PHOTOS



SITE LOCATOR
SCALE: NTS



THE COSMOS PROJECT

SHEET INDEX

T001	TITLE SHEET, SITE PHOTOS, SITE LOCATOR MAP
C100	EXISTING CONDITIONS
C200	SITE PLAN
C300	GRADING PLAN
C400	UTILITY PLAN
C500	SCHEDULES
L01	LANDSCAPE PLAN
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A202	FLOOR PLANS
A203	FLOOR PLANS
A401	EXTERIOR ELEVATIONS
A402	EXTERIOR ELEVATIONS
A501	RENDERINGS
A502	RENDERINGS
A503	RENDERINGS
A504	RENDERINGS
A601	LOT COVERAGE DIAGRAM
A701	BONUS STORIES
A702	BONUS STORIES
A703	BONUS STORIES
A704	BONUS STORIES
E101	LIGHTING CALCS
E201	LIGHTING CUT SHEETS
E202	LIGHTING CUT SHEETS
E203	LIGHTING CUT SHEETS
E301	LIGHTING SIMULATIONS
E302	LIGHTING SIMULATIONS





STRANG

6411 Mineral Point Road
Madison, WI 53705
(608) 276-9200



818 N Meadowbrook Ln
Waunakee, WI 53597
(608) 849-9378

PROJECT INFORMATION

THE COSMOS

801 E WASHINGTON AVE
MADISON, WI



ISSUANCE AND REVISIONS

UDC Submittal

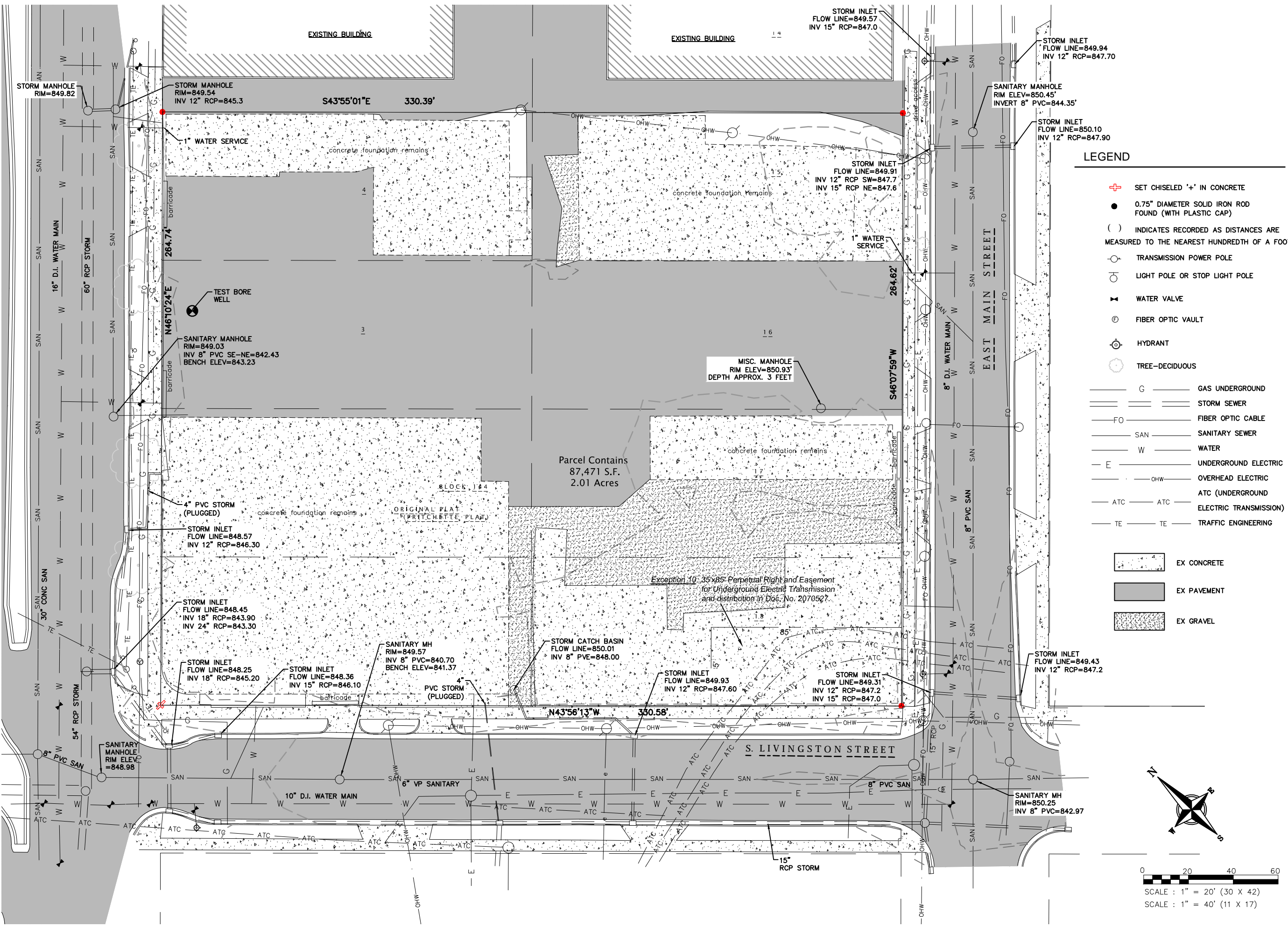
#	DATE	DESCRIPTION

SHEET INFORMATION

PROJECT MANAGER	RJ
PROJECT NUMBER	1249
DATE	02/08/17

EXISTING CONDITIONS

C100



LEGEND

- SET CHISELED '+' IN CONCRETE
- 0.75" DIAMETER SOLID IRON ROD FOUND (WITH PLASTIC CAP)
- INDICATES RECORDED AS DISTANCES ARE MEASURED TO THE NEAREST HUNDREDTH OF A FOOT.
- TRANSMISSION POWER POLE
- LIGHT POLE OR STOP LIGHT POLE
- WATER VALVE
- FIBER OPTIC VAULT
- HYDRANT
- TREE-DECIDUOUS
- GAS UNDERGROUND
- STORM SEWER
- FIBER OPTIC CABLE
- SANITARY SEWER
- WATER
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- ATC (UNDERGROUND ELECTRIC TRANSMISSION)
- TRAFFIC ENGINEERING

- EX CONCRETE
- EX PAVEMENT
- EX GRAVEL



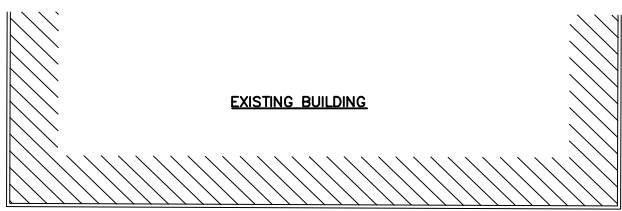
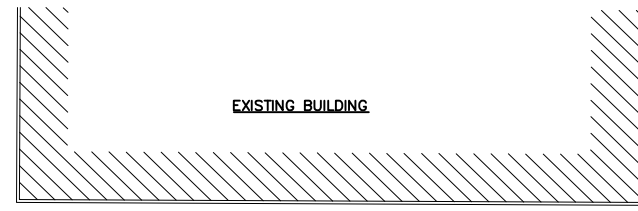
0 20 40 60
 SCALE : 1" = 20' (30 X 42)
 SCALE : 1" = 40' (11 X 17)



E. WASHINGTON AVENUE

E. MAIN STREET

S. LIVINGSTON STREET



Lot 2
36,348 S.F.
0.83 Acres

THE SPARK
AMERICAN FAMILY DEVELOPMENT
FF=851.00' = 100.00' (ARCH)

Lot 1
51,123 S.F.
1.17 Acres

COSMOS
GEBHARDT DEVELOPMENT
FF=850.75'

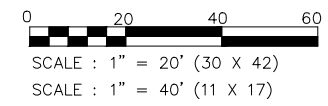
SPARK
COSMOS

SPARK
COSMOS

REFUSE PICKUP

DELIVERY/REFUSE

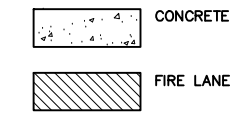
CAFE/COURTYARD



PLAN KEY

- 1 CONCRETE SIDEWALK, TYP.
- 2 MATCH EXISTING SIDEWALK, TYP.
- 3 EXISTING SIDEWALK TO REMAIN, TYP.
- 4 SIDEWALK TO BE 7" THICK IN FIRELANE SECTION
- 5 NEW DRIVEWAY APPROACH SHALL BE IN ACCORDANCE WITH CITY STANDARDS
- 6 LOADING DOCK
- 7 BICYCLE RACK (58 TOTAL STALLS), TYP.
- 8 VERTICAL BICYCLE RACK (50 TOTAL STALLS), TYP.
- 9 EXISTING DRIVEWAY TO BE ABANDONED IN ACCORDANCE WITH CITY STANDARDS W/ CURB REPLACED & TERRACE RESTORED
- 10 LANDSCAPE AREA, TYP. SEE LANDSCAPE PLANS
- 11 FIRE LANE
- 12 EX TREE, TYP.
- 13 EXISTING FIRE HYDRANT
- 14 PROPOSED LOT LINE
- 15 CANOPY/UPPER FLOOR OVERHANG, TYP.
- 16 EXISTING STOP LIGHT
- 17 15' BUILDING SETBACK
- 18 ROLL CURB TO BE PROVIDED FOR FIRE LANE ENTRANCE
- 19 MONUMENT SIGN
- 20 LANDSCAPE PLANTER, SEE LANDSCAPE PLAN
- 21 BOLLARD
- 22 PEDESTRIAN LIGHT (10' HIGH POLE)
- 23 STREET LIGHT (30' HIGH POLE)
- 24 EXISTING STREET LIGHT
- 25 TREE PROTECTION, TYP.

PAVEMENT KEY



SITE INFORMATION

SITE ADDRESS: 801 EAST WASHINGTON AVENUE

SITE ACREAGE TOTAL:
 LOT 1: 51,123 SQ. FT. (1.17 ACRES)
 LOT 2: 36,348 SQ. FT. (0.83 ACRES)

LOT COVERAGE:
 LOT 1: 43,454 SQ. FT. (85% IMPERVIOUS, INCLUDES VEGETATED ROOF)
 LOT 2: 28,927 SQ. FT. (80% IMPERVIOUS, INCLUDES 3,140 SF VEGETATED ROOF)

NUMBER OF BIKE PARKING STALLS:
 LOT 1: 226 STALLS (58 TRADITIONAL, 50 VERTICAL, 60 INTERIOR, 8 IN RIGHT-OF-WAY, & 50 SHARED IN PLAZA AREA)
 LOT 2: 43 STALLS

6411 Mineral Point Road
Madison, WI 53705
(608) 276-9200

818 N Meadowbrook Ln
Waukesha, WI 53597
(608) 849-9378

PROJECT INFORMATION

THE COSMOS

801 E WASHINGTON AVE
MADISON, WI



ISSUANCE AND REVISIONS

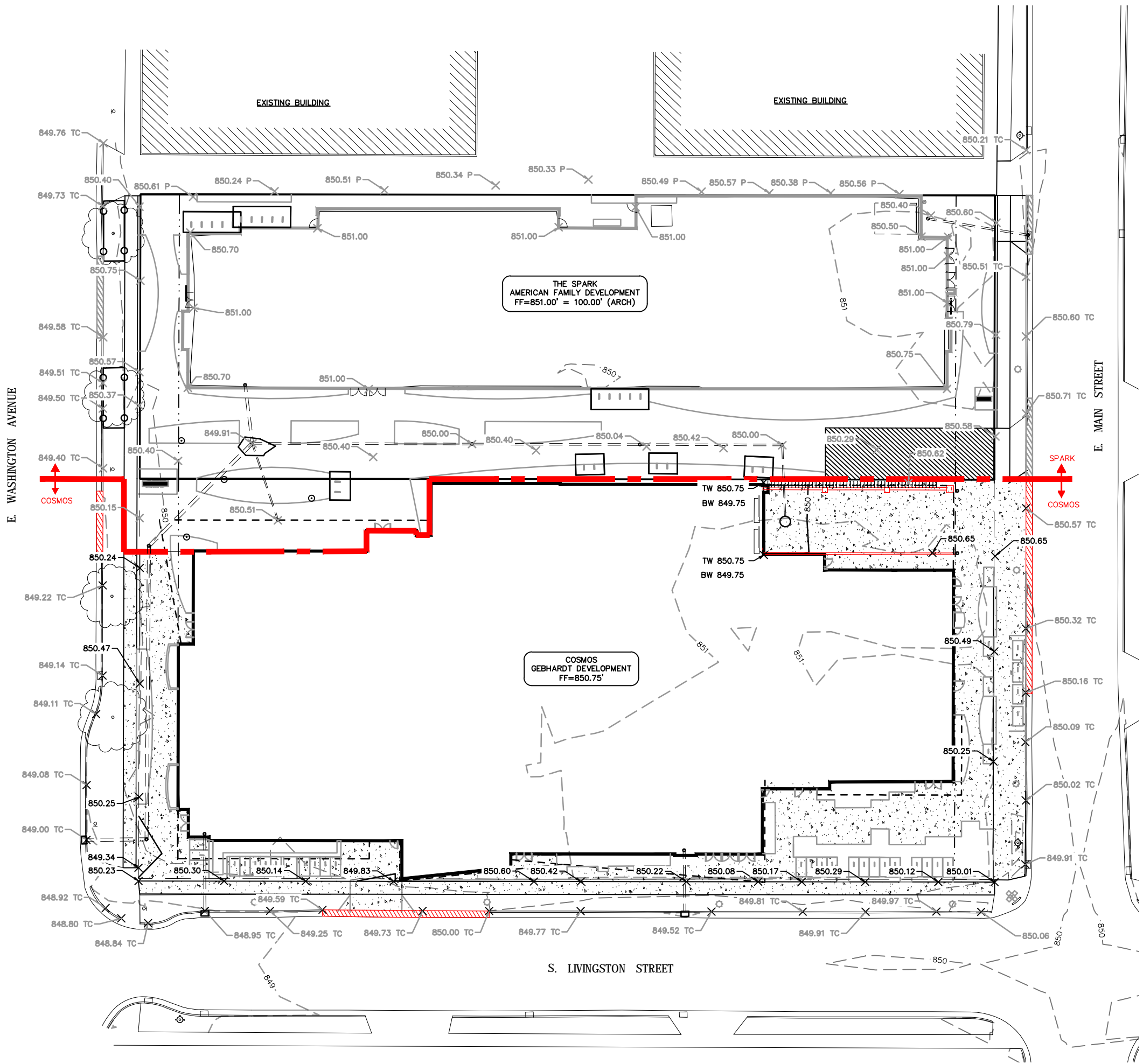
#	DATE	DESCRIPTION

SHEET INFORMATION

PROJECT MANAGER	RJ
PROJECT NUMBER	1249
DATE	02/08/17

SITE PLAN

C200



GRADING NOTES

1. ALL WORK IN THE RIGHT OF WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY ISSUED PLANS.
2. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL CITY STANDARDS AND SPECIFICATIONS.
3. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION.
4. ALL MATCHING PAVEMENT AND STORM SEWER ELEVATIONS SHALL BE VERIFIED IN THE FIELD TO ALLOW FOR PROPER DRAINAGE.
5. CONTOUR AND SPOT ELEVATIONS SHOWN ARE FINISH GRADE ELEVATIONS.

GRADING LEGEND

- — — — — EXISTING CONTOUR
- — — — — PROPOSED CONTOUR
- × 800.00 TC TOP OF CURB ELEVATION
- × 800.00 TW TOP OF RETAINING WALL ELEVATION
- × 800.00 BW BOTTOM OF RETAINING WALL ELEVATION
- × 800.00 SPOT ELEVATION

PROJECT INFORMATION

THE COSMOS

801 E WASHINGTON AVE
 MADISON, WI



ISSUANCE AND REVISIONS

UDC Submittal

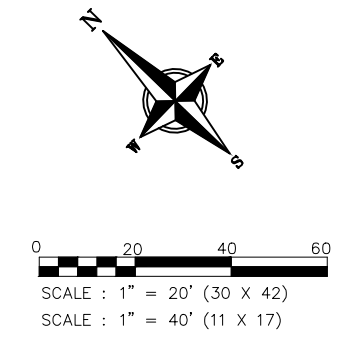
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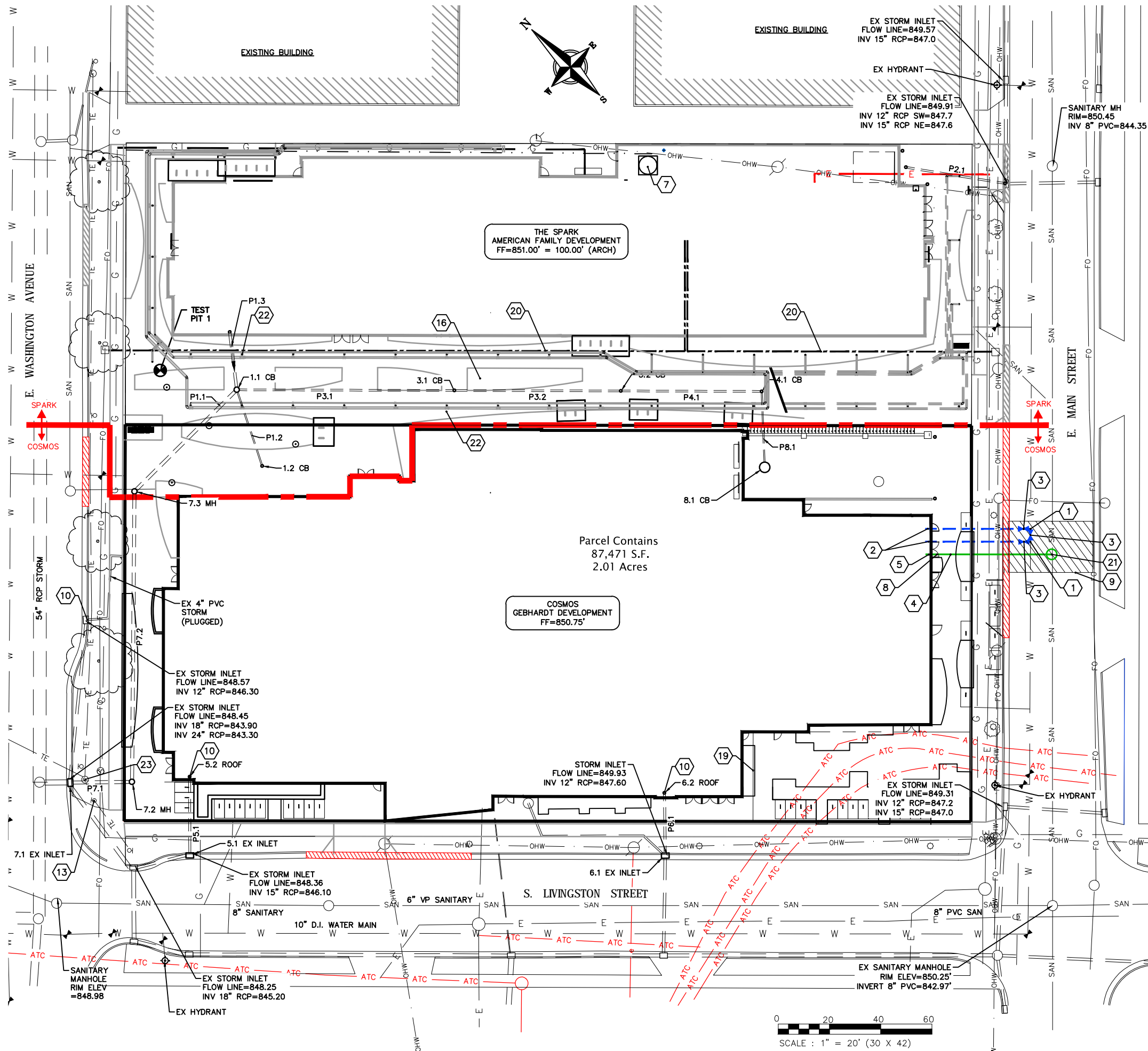
SHEET INFORMATION

PROJECT MANAGER	RJ
PROJECT NUMBER	1249
DATE	02/08/17

GRADING PLAN

C300



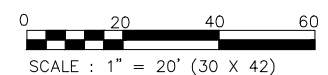


PLAN KEY

- 1 CONNECT TO EXISTING WATER MAIN WITH 8"x8"x8" CUT-IN TEE. COORDINATE INSTALLATION WITH MADISON WATER UTILITY
- 2 8" WATER SERVICE
- 3 8" VALVE
- 4 8" SANITARY LATERAL @ 0.52% MIN. SLOPE
- 5 8" SANITARY INV=844.50'. EXTEND 5 FEET INTO BUILDING
- 6 SANITARY MANHOLE PER CITY REQUIREMENTS, RIM=850.45, INVERT=844.13
- 7 RAINWATER HOLDING TANK
- 8 SEE PLUMBING PLANS FOR CLEAN OUT LOCATION
- 9 UTILITY PATCH PER CITY REQUIREMENTS
- 10 CONNECT TO EXISTING STORM SEWER INLET PER CITY STANDARDS
- 11 CONNECT TO ROOF DRAIN. COORDINATE WORK WITH PLUMBING CONTRACTOR.
- 12 EXISTING 1" WATER SERVICE TO BE ABANDONED
- 13 EXISTING LIGHT POLE
- 14 EXISTING OVERHEAD ELECTRICAL TO BE RELOCATED
- 15 EXISTING POWER POLE TO BE REMOVED
- 16 FOOTING CAP OR FOUNDATIONS
- 17 GAS SERVICE, COORDINATE LOCATION WITH MG&E
- 18 ELECTRIC SERVICE, COORDINATE LOCATION WITH MG&E
- 19 EXCEPTION 10: 35'x85' PERPETUAL RIGHT AND EASEMENT FOR UNDERGROUND ELECTRIC TRANSMISSION AND DISTRIBUTION IN DOC. NO. 2070527.
- 20 TELECOM 4" FIBER/COPPER CONDUIT, COORDINATE LOCATION WITH AT&T
- 21 SANITARY MANHOLE, RIM=850.53, INVERT=843.63
- 22 GEO-EXCHANGE WELL, TYP
- 23 INSTALL STORM UNDER TRAFFIC ENGINEERING VAULT

UTILITY NOTES

- 1. CONTRACTOR SHALL CALL DIGGERS HOTLINE PRIOR TO ANY CONSTRUCTION. ALL EXISTING UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE AND WERE FIELD LOCATED FROM GROUND MARKING OR BASED OFF OF CITY UTILITY RECORDS. THE LOCATIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
- 2. ALL SITE UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST ADDITION.
- 3. CONTRACTOR SHALL OBTAIN ALL NECESSARY PLUGGING/CONNECTION PERMITS FROM THE CITY PRIOR TO ANY UTILITY WORK. CONTRACTOR TO NOTIFY THE PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.
- 4. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT FOR ANY WORK TO BE DONE WITHIN THE RIGHT-OF-WAY.
- 5. RESTORATION OF PAVEMENT, CURB & GUTTER, AND SIDEWALK WITHIN THE STREET RIGHT OF WAY IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF THE UNDERGROUND IMPROVEMENTS.
- 6. ALL STORM SEWER PIPE TO BE SDR-35 PVC OR SCHEDULE 40 PVC AS NOTED.
- 7. CONTRACTOR SHALL CONFIRM CONNECTION ELEVATION GRADES OF ALL PIPES PRIOR TO BEGINNING CONSTRUCTION.
- 8. WATER MAIN SHALL BE DUCTILE IRON, CLASS 52.
- 9. SANITARY SEWER SERVICES SHALL BE SDR-35 PVC.
- 10. ANY PERSON WHO INSTALLS A NONCONDUCTIVE WATER OR SEWER LATERAL MUST ALSO INSTALL A LOCATION WIRE OR OTHER EQUALLY EFFECTIVE MEANS FOR MARKING THE LOCATION OF THE LATERAL. METHOD SHALL BE APPROVED BY THE CITY.
- 11. CONTRACTOR TO COORDINATE NEW, RELOCATED AND/OR ABANDONED GAS, ELECTRIC, TELEPHONE, AND CABLE WITH APPROPRIATE UTILITY COMPANIES.
- 12. UTILITIES SERVING PROPOSED BUILDINGS SHALL BE STUBBED INTO THE PROPOSED BUILDING(S) A MIN. OF 5' AND STAKED.
- 13. ALL WATER MAIN PIPE AND FITTINGS SHALL BE INSTALLED TO A MIN. DEPTH OF COVER OF 6.5'. AFTER REGRADING, EXISTING WATER MAIN PIPE WHICH DOES NOT MEET THIS REQUIREMENT SHALL BE INSULATED.
- 14. STORM SEWERS WHICH CROSS AN ACTIVE SEWER OR WATER MAIN OR LATERAL SHALL HAVE A MINIMUM CLEAR VERTICAL CLEARANCE OF THREE (3) FEET. CROSSINGS WITH LESSER VERTICAL CLEARANCE SHALL BE PROTECTED FROM FROST DAMAGE BY PLACEMENT OF 2-INCH THICK POLYSTYRENE BOARD INSULATION.
- 15. BUILDING PLUMBER SHALL VERIFY SIZE, SLOPE, AND EXACT LOCATION OF PROPOSED SANITARY LATERALS AND WATER SERVICES PRIOR TO INSTALLATION.



STRANG
 6411 Mineral Point Road
 Madison, WI 53705
 (608) 276-9200

PROFESSIONAL ENGINEERING LLC
 818 N Meadowbrook Ln
 Waunakee, WI 53597
 (608) 849-9378

PROJECT INFORMATION
THE COSMOS
 801 E WASHINGTON AVE
 MADISON, WI



ISSUANCE AND REVISIONS

UDC Submittal

#	DATE	DESCRIPTION

SHEET INFORMATION

PROJECT MANAGER	RJ
PROJECT NUMBER	1249
DATE	02/08/17

UTILITY PLAN

C400

STRUCTURE TABLE					
STRUCTURE NAME	SIZE	TOP OF CASTING	PIPES IN	PIPES OUT	CASTING
1.1 CB	4' DIA. CB	849.91	P3.1, 8" INV IN =845.46 P1.3, 12" INV IN =844.88 P1.2, 6" INV IN =845.63	P1.1, 15" INV OUT =844.88	NEENAH R-2050
1.2 CB	12" DIA YARD DRAIN	850.51		P1.2, 6" INV OUT =845.92	12" GRATE
1.3 ROOF	CONNECT TO INTERIOR ROOF DRAIN	851.00		P1.3, 12" INV OUT =845.03	
2.1 EX INLET		849.91	P2.1, 8" INV IN =847.80		
2.2 CB	3' DIA. CB	850.43		P2.1, 8" INV OUT =848.03	NEENAH R-2050
3.1 CB	12" DIA YARD DRAIN	850.00	P3.2, 8" INV IN =845.92	P3.1, 8" INV OUT =845.92	12" GRATE
3.2 CB	12" DIA YARD DRAIN	850.00	P4.1, 8" INV IN =846.27	P3.2, 8" INV OUT =846.27	12" GRATE
4.1 CB	12" DIA YARD DRAIN	850.00	P8.1, 6" INV IN =846.55	P4.1, 8" INV OUT =846.55	12" GRATE
5.1 EX INLET	CONNECT TO EX INLET	847.38	P5.1, 10" INV IN =846.50		
5.2 ROOF	CONNECT TO INTERIOR ROOF DRAIN	850.75		P5.1, 10" INV OUT =846.80	
6.1 EX INLET	CONNECT TO EX INLET	848.58	P6.1, 10" INV IN =847.70		
6.2 ROOF	CONNECT TO INTERIOR ROOF DRAIN	850.75		P6.1, 10" INV OUT =847.82	
7.1 EX INLET	CONNECT TO EX INLET	849.16	P7.1, 15" INV IN =843.90		
7.2 MH	4' DIA. CB	849.87	P7.2, 15" INV IN =844.03	P7.1, 15" INV OUT =844.03	NEENAH R-1550
7.3 MH	4' DIA. CB	850.30	P1.1, 15" INV IN =844.62	P7.2, 15" INV OUT =844.62	NEENAH R-1550
8.1 CB	3' DIA. CB	849.88		P8.1, 6" INV OUT =846.84	NEENAH R-2050

PIPE TABLE						
NAME	SIZE	LENGTH	SLOPE	MATERIAL	START INVERT ELEVATION	END INVERT ELEVATION
P1.1	15"	57'	0.47%	ADS N12	844.88'	844.62'
P1.2	6"	32'	0.93%	ADS N12	845.92'	845.63'
P1.3	12"	23'	0.64%	ADS N12	845.03'	844.88'
P2.1	8"	40'	0.59%	ADS N12	848.03'	847.80'
P3.1	8"	85'	0.54%	ADS N12	845.92'	845.46'
P3.2	8"	65'	0.55%	ADS N12	846.27'	845.92'
P4.1	8"	55'	0.51%	ADS N12	846.55'	846.27'
P5.1	10"	31'	0.98%	ADS N12	846.80'	846.50'
P6.1	10"	25'	0.50%	ADS N12	847.82'	847.70'
P7.1	15"	25'	0.52%	ADS N12	844.03'	843.90'
P7.2	15"	114'	0.52%	ADS N12	844.62'	844.03'
P8.1	6"	30'	0.96%	ADS N12	846.84'	846.55'



PROJECT INFORMATION

THE COSMOS

801 E WASHINGTON AVE
MADISON, WI



ISSUANCE AND REVISIONS

UDC Submittal

#	DATE	DESCRIPTION
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SHEET INFORMATION

PROJECT MANAGER RJ

PROJECT NUMBER 1249

DATE 02/08/17

SCHEDULES

C500



**ARCHITECTURE
ENGINEERING
INTERIOR DESIGN**

STRANG, INC.
6411 MINERAL POINT ROAD
MADISON, WI 53705-4395



**UDC Submittal
(Revised)**

**NOT FOR
CONSTRUCTION**

COPYRIGHT STRANG, INC.	2017
DRAWING SET	DD
DRAWN	SV
CHECKED	RG
DATE	02-07-2017
PROJECT NO.	2016090
PROJECT TITLE	

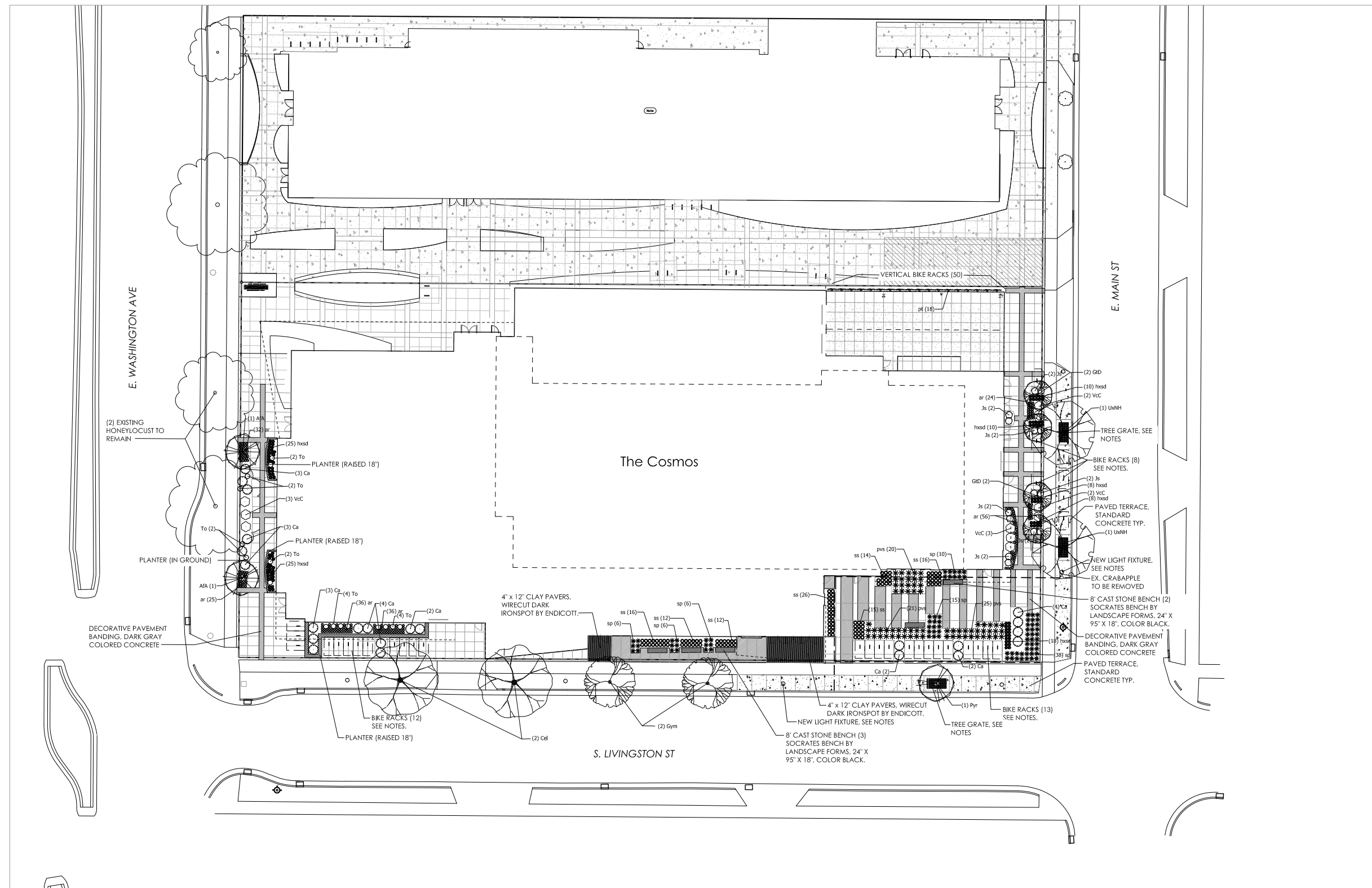
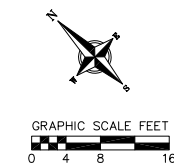
**GEBHARDT
DEVELOPMENT -
THE COSMOS
PROJECT**

801 E. WASHINGTON AVENUE
MADISON, WISCONSIN 53703

SHEET NAME
LANDSCAPE PLAN

SHEET NO.

L101


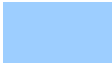




PLANT SCHEDULE				
	BOTANICAL NAME / COMMON NAME	CONT	CAL	QTY
DECIDUOUS TREES				
A/A	Acer x freemanii 'Armstrong' / Armstrong Freeman Maple	B & B	2.5'Cal	2
Ca	Celtis occidentalis 'ChicagoLand' / Common Hackberry	B & B	2'Cal	2
G/D	Gleditsia triacanthos 'Dorcas' / Street Keeper Honey Locust	B & B	2.5'Cal	4
Gym	Gymnocladus dioica 'Espresso' / Kentucky Coffeetree	B & B	2'Cal	2
UnNH	Ulmus x 'New Horizon' / New Horizon Elm	B & B	2.5'Cal	2
FLOWERING TREES				
Pyr	Pyrus calleryana 'Cleveland Select' / Cleveland Select Pear	B & B	1.5'Cal	1
ANNUALS/PERENNIALS		SIZE	FIELD2	QTY
ar	Ajuga reptans 'Bronze Beauty' / Bronze Beauty Bugleweed	4" pot		209
cs	Celestus scandens 'Ballum' / Autumn Revolution Bittersweet	1 gal		19
	4th Floor Mechanical Screen Planters			
hxsd	Hemerocallis x 'Stella de Oro' / Stella de Oro Daylily	4" pot		104
pvs	Panicum virgatum 'Shenandoah' / Shenandoah Red Switch Grass	1 gal		66
pt	Parthenocissus tricuspidata / Boston Ivy	1 gal		18
ss	Schizachyrium scoparium / Little Bluestem Grass	1 gal		111
sp	Sporobolus heterolepis / Prairie Dropseed	4" pot		81
DECIDUOUS SHRUBS		SIZE	FIELD2	QTY
Ca	Cotoneaster apiculatus / Cranberry Cotoneaster	3 gal		23
VcC	Viburnum carlesii 'Compactum' / Korean Spice Viburnum	3 gal		10
EVERGREEN SHRUBS		SIZE	FIELD2	QTY
Js	Juniperus sabina 'Blue Forest' / Blue Forest Juniper	3 gal		14
To	Thuja occidentalis 'Danica' TM / Danica Globe Cedar	5 gal		16

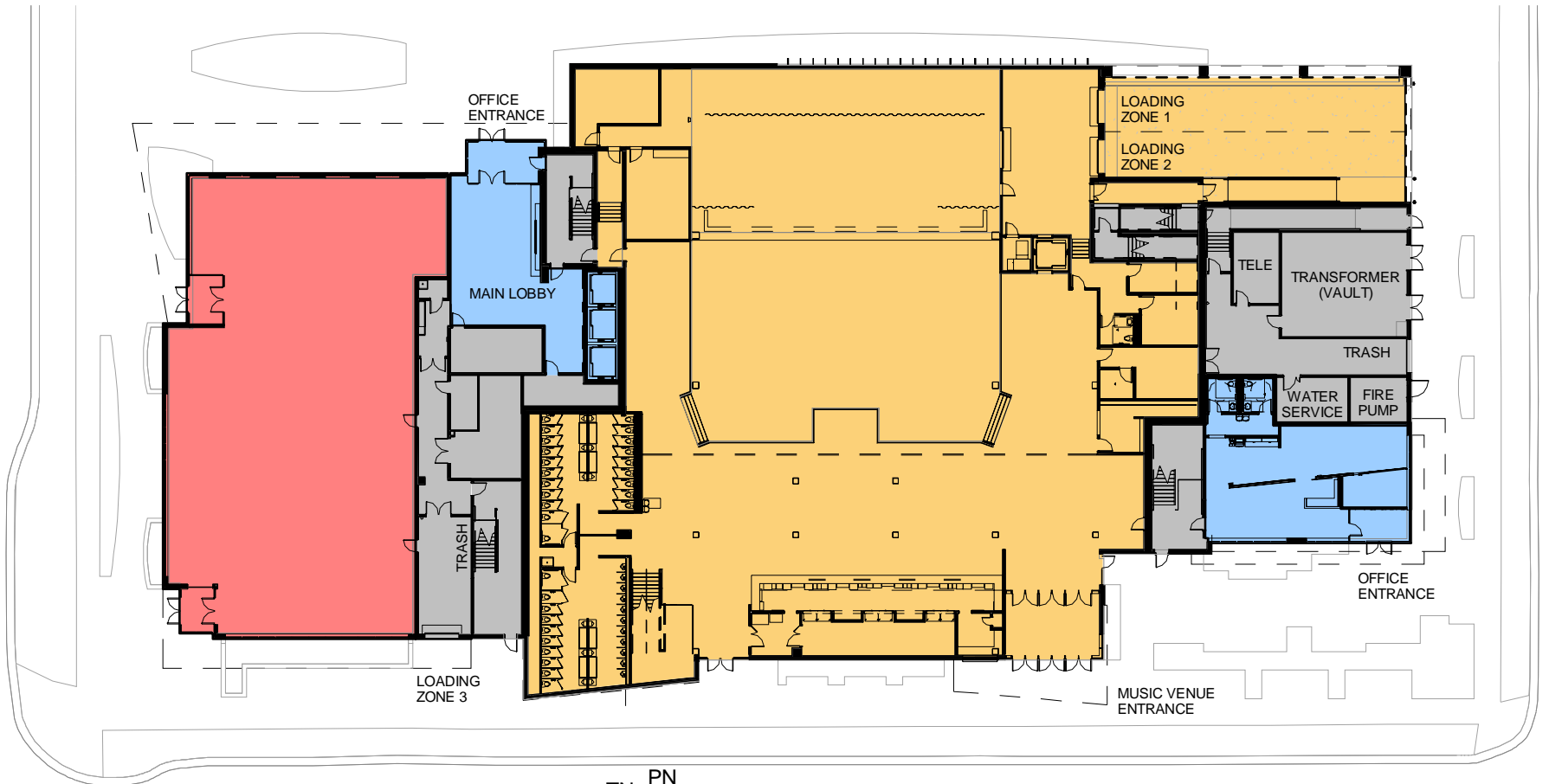
GREEN ROOF PLANT SCHEDULE		
	BOTANICAL NAME / COMMON NAME	QTY
	GREEN ROOF PLANTS	5,060 sf
	Allium schoenoprasum 'Florescens' / Common Chives	
	Allium senescens glaucum / Ornamental Onion	
	Sedum acre / Goldmoss Stonecrop	
	Sedum album 'Murale' / Chubby Fingers	
	Sedum hybridum 'Immergruenchen' / Hybrid Stonecrop	
	Sedum reflexum / Spruce-leaved Stonecrop	
	Sedum rupestre 'Forsterianum' / Iceberg Stonecrop	
	Sedum spurium 'Dragon's Blood' / Two Row Stone Crop	
	Sedum spurium 'Fuldglut' / Stonecrop	
	Sedum ternatum / Mountain Stonecrop	
	Sporobolus heterolepis 'Tara' / Prairie Dropseed	
	GREEN ROOF NOTES:	
	1. GREEN ROOF SYSTEM TO BE PRE-PLANTED TRAY SYSTEM, GREENGRID OR EQUAL, 4.25" DEPTH MIN. PLACE OVER WATERPROOF ROOF MEMBRANE. PROVIDE HOSE BIB CONNECTIONS FOR IRRIGATION.	
	2. SEE SHEET A204 FOR GREEN ROOF PLANTING AREA LOCATIONS AND DIMENSIONS.	

GENERAL NOTES:

- FINAL STREET TREE SPECIES SELECTION AND PLACEMENT TO BE DETERMINED IN COORDINATION WITH CITY FORESTER.
- UNPAVED STREET TERRACES TO BE SOODED WITH TURF SOD.
- NEW STREET LIGHTING TO MATCH ESTABLISHED CITY DESIGN. FINAL LIGHT QUANTITIES AND PLACEMENT TO BE DETERMINED BY CITY PUBLIC WORKS STAFF.
- SITE PAVING TO BE STANDARD COLOR, BROOM FINISHED CONCRETE UNLESS OTHERWISE SPECIFIED.
- ALL GROUND MOUNTED BIKE RACKS TO BE 'STOUT' RACK (STR-IG) BY MADRAX/GRABER MANUFACTURING, IN GROUND MOUNT, GALVANIZED FINISH. INSTALL PER CITY OF MADISON RACK SPACING GUIDELINES (AS SHOWN ON PLAN). VERTICAL BIKE RACKS TO BE SPORTWORKS VERTICAL WALL MOUNT RACK OR SIMILAR.
- TREE GRATES TO BE NEENAH FOUNDRY EXTENDED COLLECTION 48" X 96" GRATE, MODEL R-8815-A.

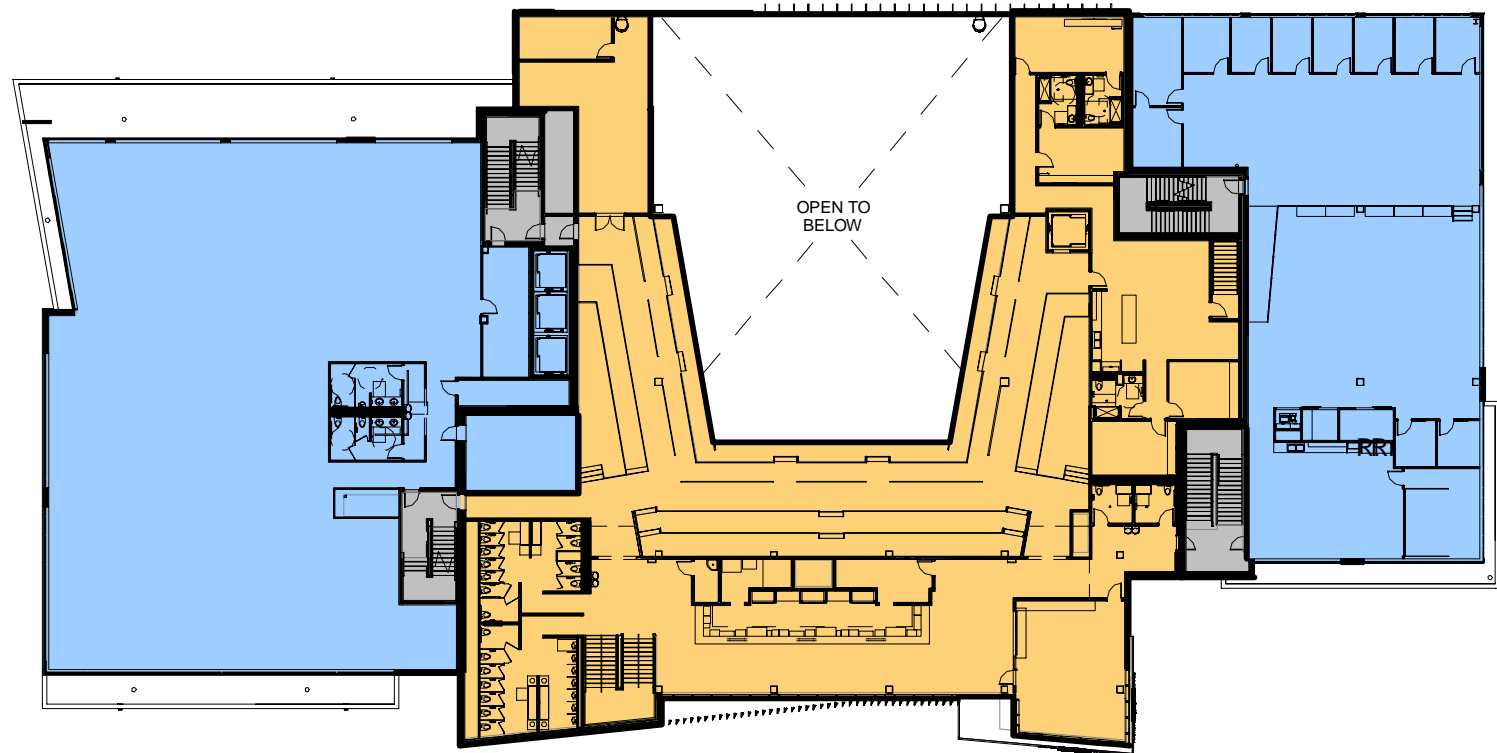
LEGEND	
	RETAIL
	OFFICE
	MUSIC VENUE
	SHARED SPACE

1




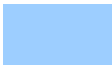




TN PN
1
A201
FIRST FLOOR PLAN
SCALE: 1" = 40'-0"
0' 20' 40' 80'

2

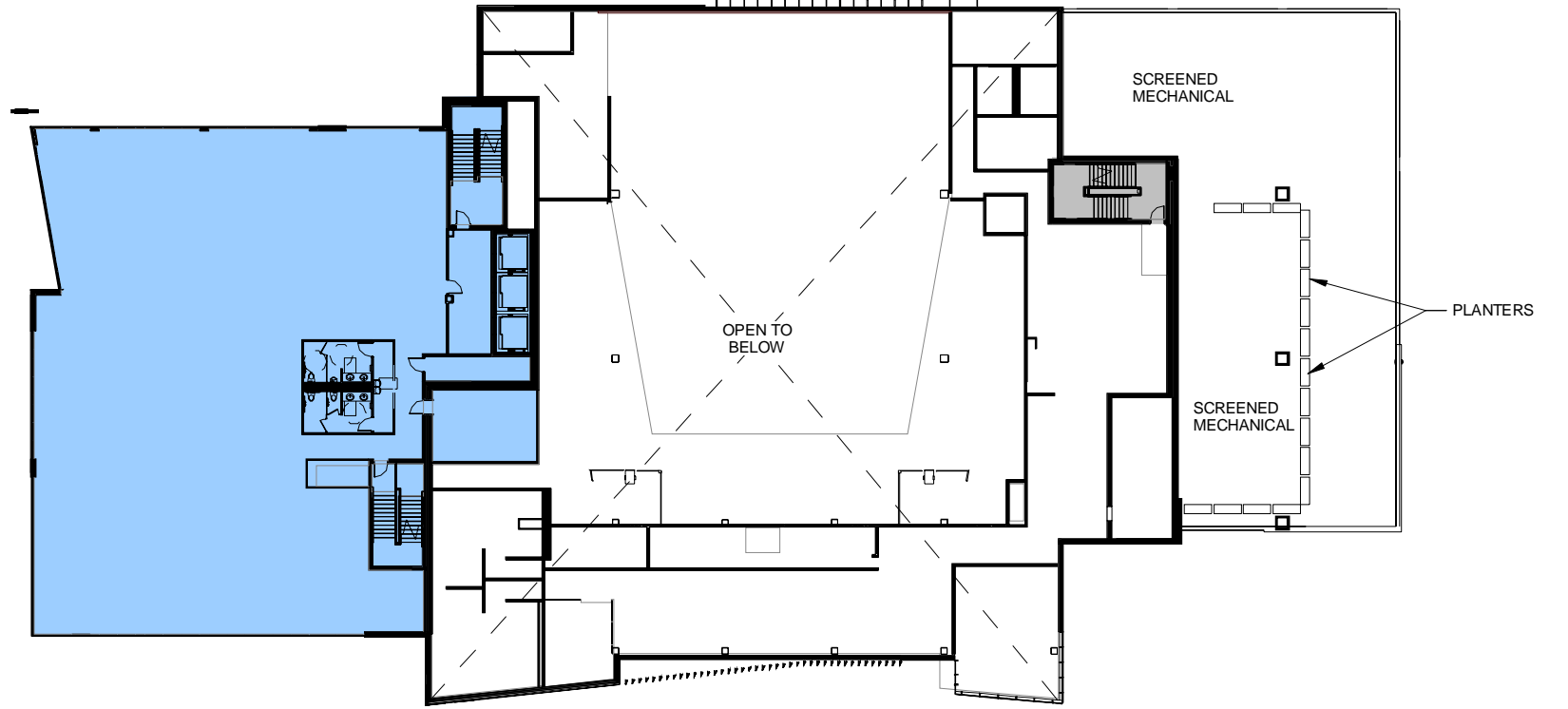


TN PN
2
A201
SECOND FLOOR PLAN
SCALE: 1" = 40'-0"
0' 20' 40' 80'



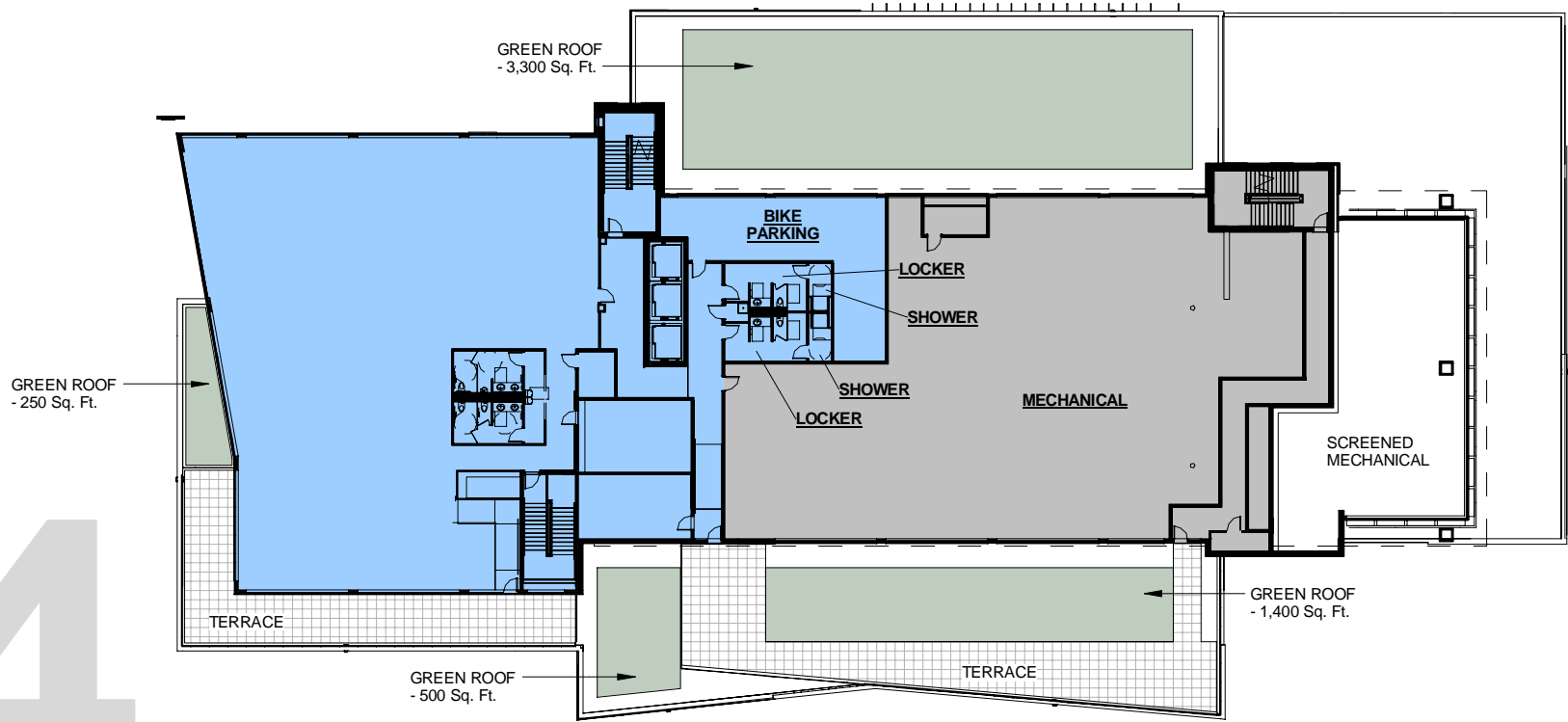
LEGEND	
	RETAIL
	OFFICE
	MUSIC VENUE
	SHARED SPACE
	TERRACE
	GREEN ROOF

3




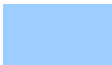




TN PN
 3
THIRD FLOOR PLAN
 SCALE: 1" = 40'-0" 0' 20' 40' 80'

4

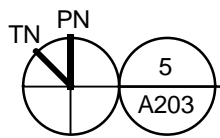
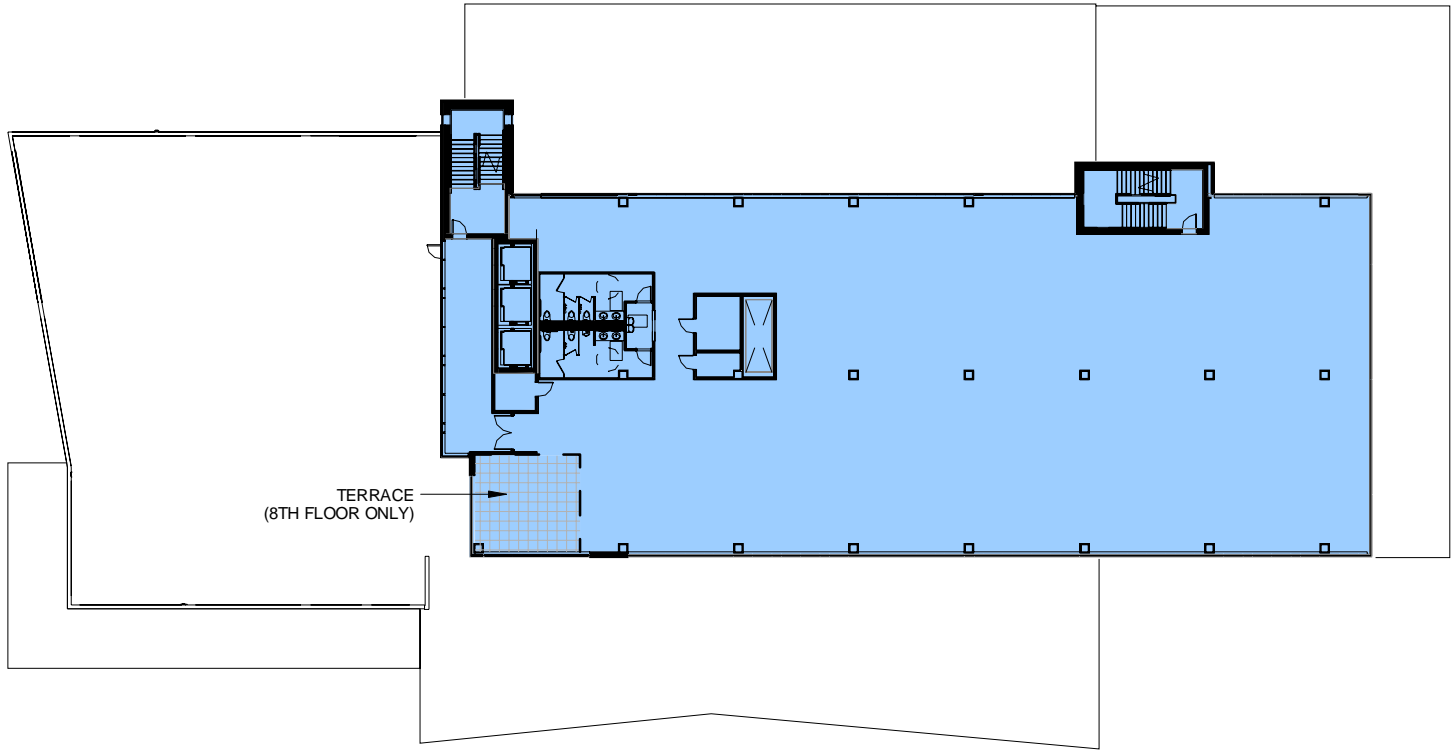


TN PN
 4
FOURTH FLOOR PLAN
 SCALE: 1" = 40'-0" 0' 20' 40' 80'



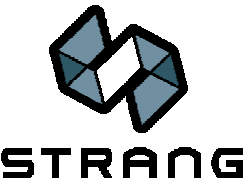
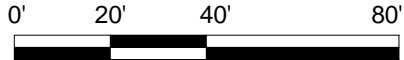
LEGEND	
	RETAIL
	OFFICE
	MUSIC VENUE
	SHARED SPACE
	TERRACE
	GREEN ROOF

5-8











FIFTH THRU EIGHTH FLOOR PLANS

SCALE: 1" = 40'-0"

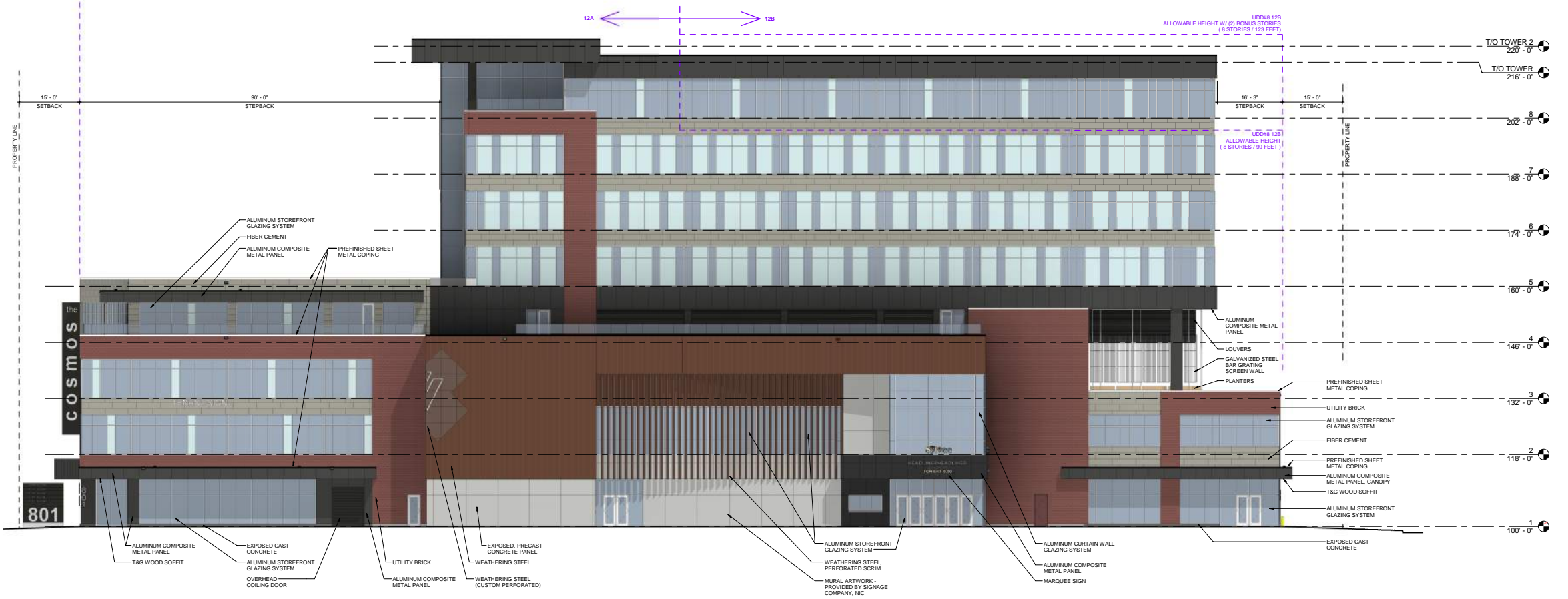


LEGEND

-  EXPOSED CAST CONCRETE (RUBBED FINISH)
-  EXPOSED PRECAST CONCRETE (TEXTURED FINISH)
-  UTILITY BRICK
-  COMPOSITE METAL PANEL
-  FIBER CEMENT PANEL
-  WEATHERING STEEL PANEL (RIBBED)
-  GLASS, TRANSPARENT (G-1)
-  GLASS, FRITTED (G-2)











E. WASHINGTON AVE. (NORTHWEST) ELEVATION
SCALE: 3/32" = 1'-0"

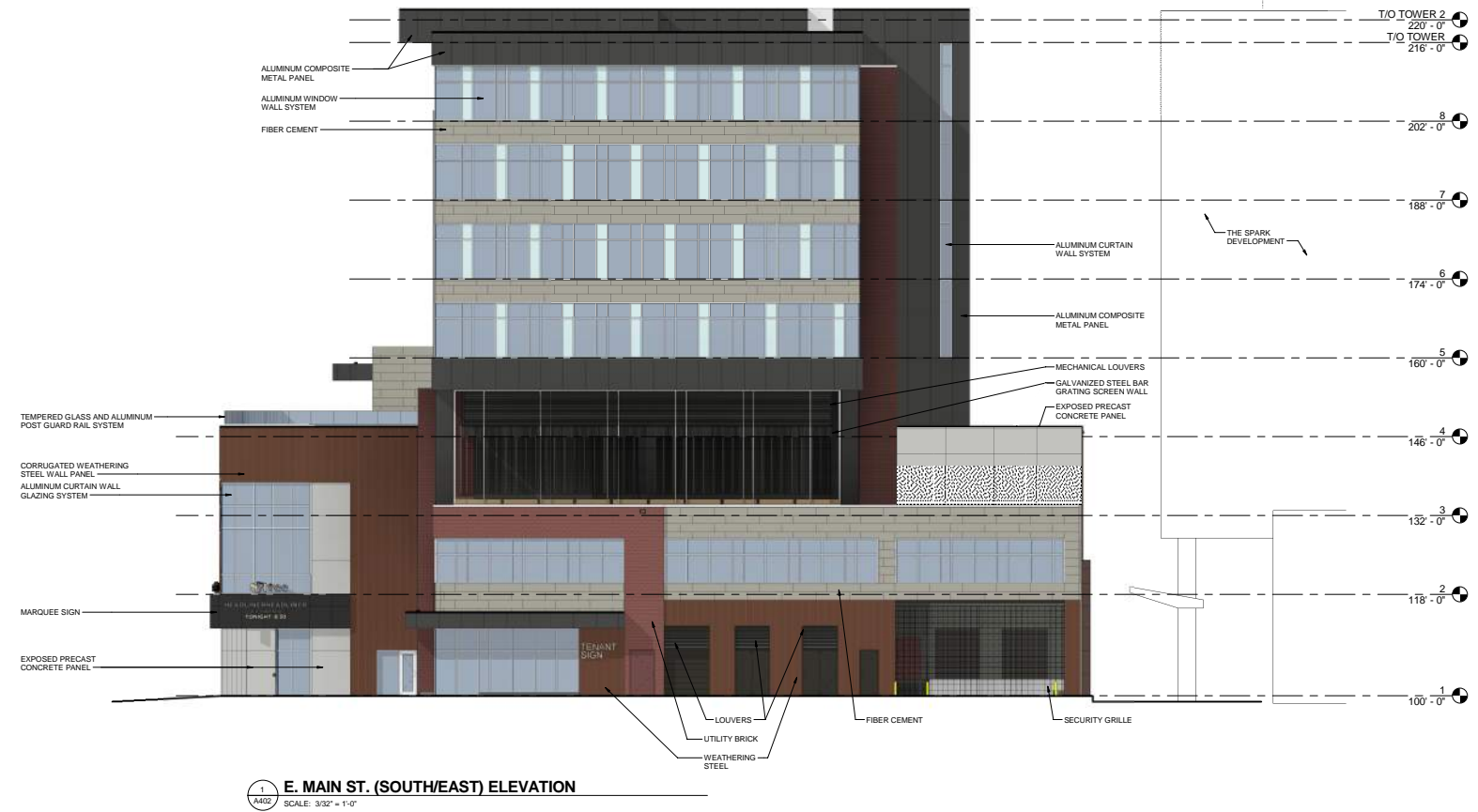


S. LIVINGSTON ST. (SOUTHWEST) ELEVATION
SCALE: 3/32" = 1'-0"



LEGEND

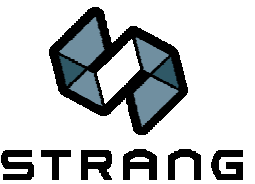
-  EXPOSED CAST CONCRETE (RUBBED FINISH)
-  EXPOSED PRECAST CONCRETE (TEXTURED FINISH)
-  UTILITY BRICK
-  COMPOSITE METAL PANEL
-  FIBER CEMENT PANEL
-  WEATHERING STEEL PANEL (RIBBED)
-  G-1 GLASS, TRANSPARENT (G-1)
-  G-2 GLASS, FRITTED (G-2)



1 E. MAIN ST. (SOUTH/EAST) ELEVATION
SCALE: 3/32" = 1'-0"

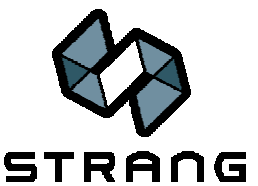


2 PLAZA (NORTH/EAST) ELEVATION
SCALE: 3/32" = 1'-0"



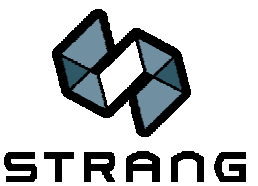


VIEW FROM E. WASHINGTON AVE. (LOOKING SOUTH-EAST)



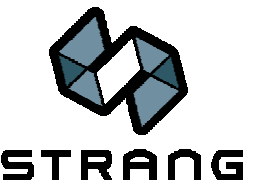


VIEW FROM S. LIVINGSTON ST. (LOOKING NORTH-EAST)



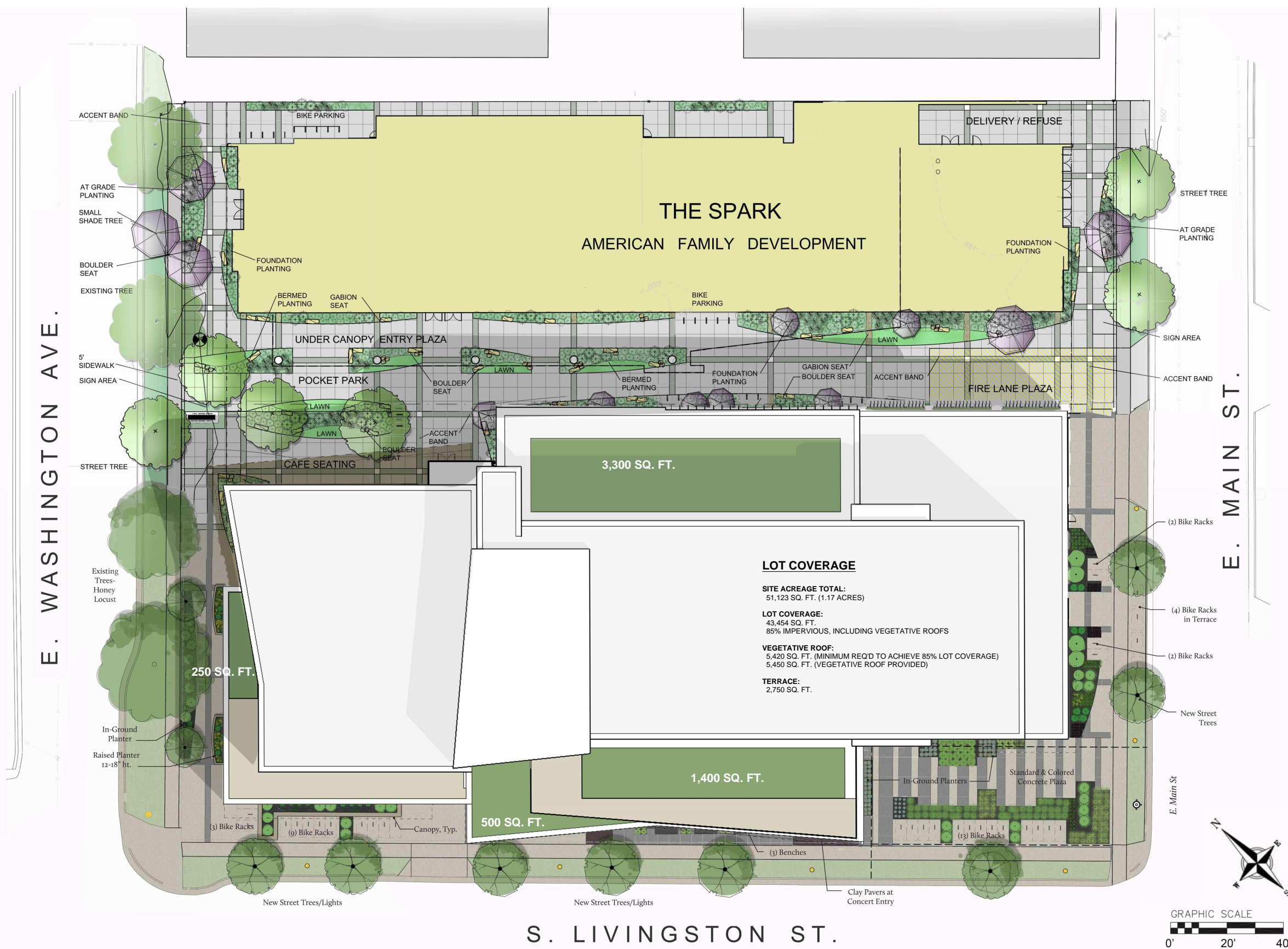


VIEW FROM E. MAIN ST. (LOOKING NORTH-WEST)





VIEW OF ROOF SCREEN WALL WITH AND WITHOUT VEGETATION



LOT COVERAGE DIAGRAM




GENERAL NOTES

Shaded portion of elevation and floor plans on sheet A701 represents the requested Bonus Stories / Area.
 Urban Design District #8 makes provisions for Bonus Stories within it's Upper Level Development Standards. See except below.

UPPER LEVEL DEVELOPMENT STANDARDS
 Per UDD#8, MGO Sec 33.24(15)(e)12:

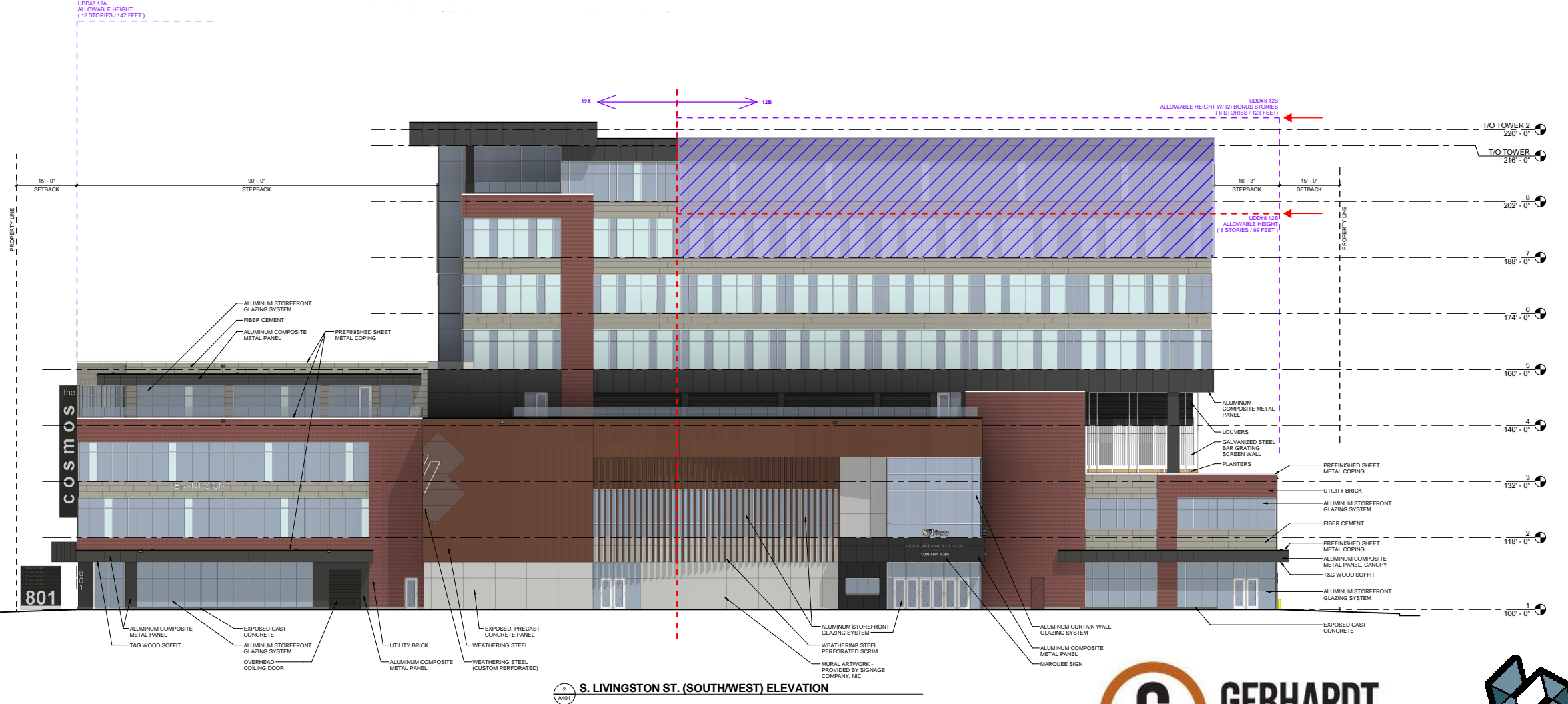
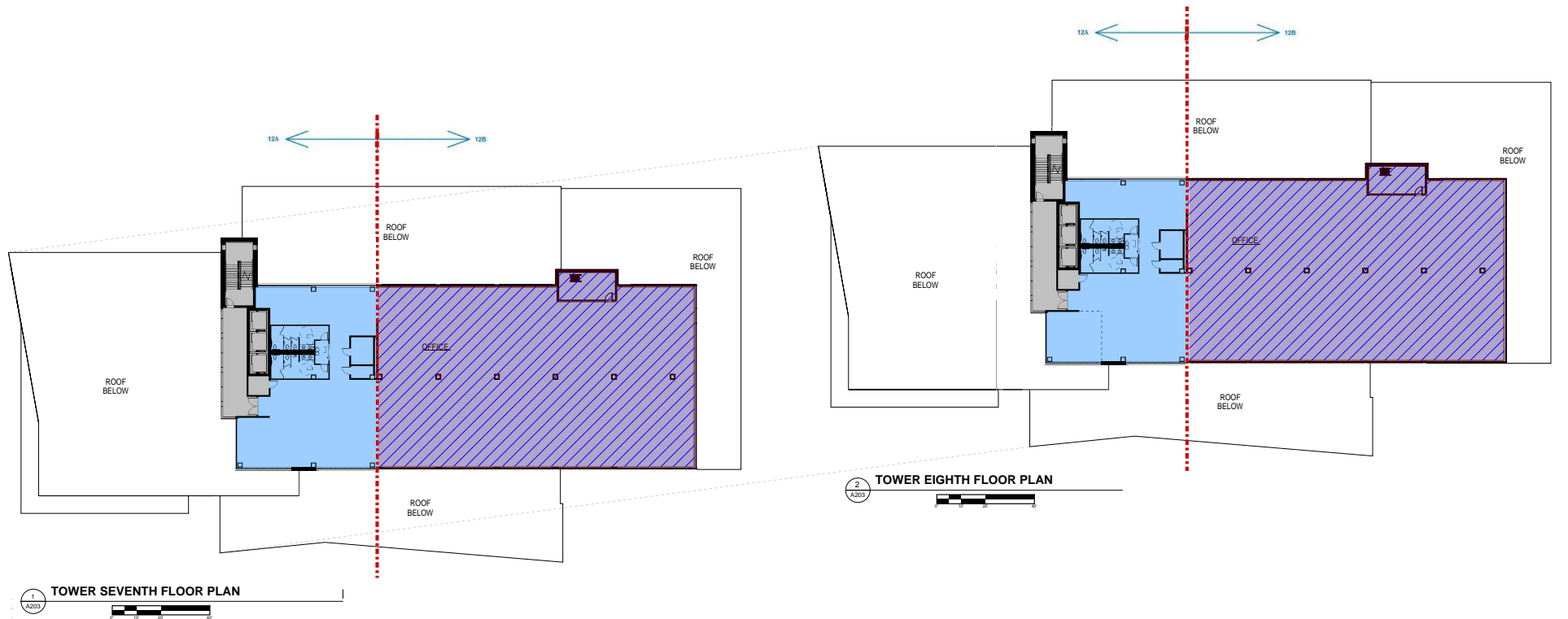
- b. Bonus stories may be allowed as follows:
 - i. Two (2) bonus stories on Block...12b...
- c. Bonus stories may be granted if it is determined that the provisions of at least (1) element from i. or a combination of elements from ii. provides sufficient public benefit to warrant the additional height.
 - i. --On-site, publicly accessible plazas and/or pocket parks that are visible from the street and provide seating, landscaping, public art and/or other public amenities. For each one (1) square foot of plaza or park that is provided, five (5) square feet of bonus area is available.
 - ii. --Mid-block and through-block public pedestrian, bike, and/or vehicular connections.
 - On-site, publicly accessible plazas and/or pocket parks that are visible from the street and provide seating, landscaping, public art and/or other public amenities. For each one (1) square foot of plaza or park that is provided, ten (10) square feet of bonus area is available.
 - Minimum of fifty percent (50%) vegetative roof cover
 - LEED Silver certification of equivalent

 Bonus Stories / Bonus Area

REQUESTED BONUS STORIES / BONUS AREA

- * (2) Partial Stories - see shaded area of floor plans
- * Area per floor:
 - 7th Floor: 10,050 sq. ft.
 - 8th Floor: 10,050 sq. ft.
 - Total: 20,100 sq. ft.**

See sheets A702, A703 and A704 for (3) strategies to meet the provisions in Upper Level Development Standards.



BONUS STORIES (REQUIREMENTS)




GENERAL NOTES

Shaded portion of elevation and floor plans on sheet A701 represents the requested Bonus Stories / Area.
 Urban Design District #8 makes provisions for Bonus Stories within it's Upper Level Development Standards. See except below.

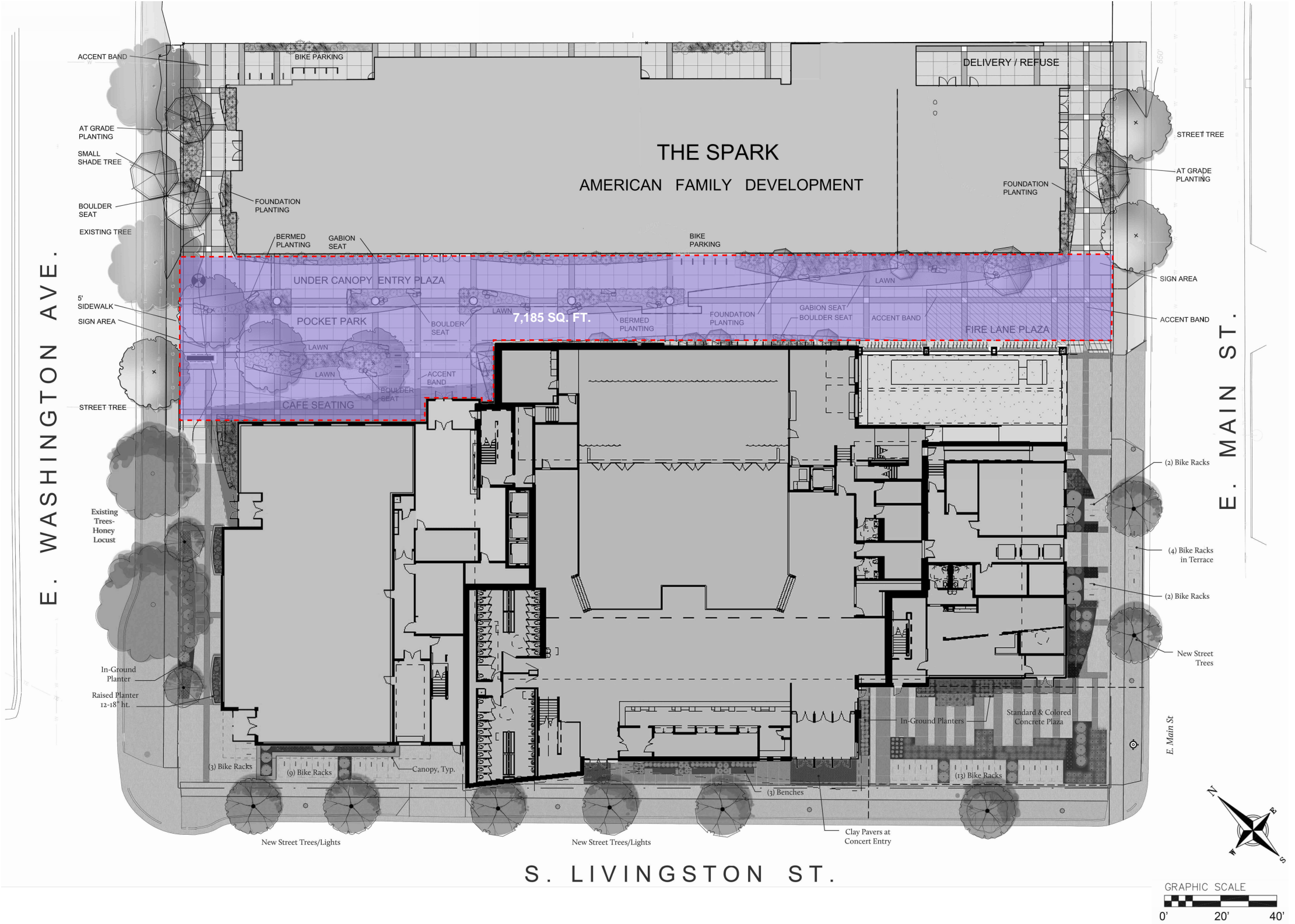
UPPER LEVEL DEVELOPMENT STANDARDS
 Per UDD#8, Sec 33.24(15)(e)12:

- b. Bonus stories may be allowed as follows:
 - i. Two (2) bonus stories on Block...12b...
- c. Bonus stories may be granted if it is determined that the provisions of at least (1) element from i. or a combination of elements from ii. provides sufficient public benefit to warrant the additional height.
 - i. --On-site, publicly accessible plazas and/or pocket parks that are visible from the street and provide seating, landscaping, public art and/or other public amenities. For each one (1) square foot of plaza or park that is provided, five (5) square feet of bonus area is available.
 - ii. --Mid-block and through-block public pedestrian, bike, and/or vehicular connections.
 - On-site, publicly accessible plazas and/or pocket parks that are visible from the street and provide seating, landscaping, public art and/or other public amenities. For each one (1) square foot of plaza or park that is provided, ten (10) square feet of bonus area is available.
 - Minimum of fifty percent (50%) vegetative roof cover
 - LEED Silver certification of equivalent

 On-site, publicly accessible plaza and/or pocket park

EARNED BONUS STORIES / BONUS

- * (2) Stories
- * Area:
 (7,185 sq. ft.) x (5) = 35,925 sq. ft.
- * Conditions of Sec 33.24(15)(e)12(c)(i) are met



BONUS STORIES (Option 1)
 On-Site, Publicly Accessible Plaza (Shared Plaza and Pocket Park with The Spark)



GENERAL NOTES

Shaded portion of elevation and floor plans on sheet A701 represents the requested Bonus Stories / Area.
 Urban Design District #8 makes provisions for Bonus Stories within it's Upper Level Development Standards. See excerpt below.

UPPER LEVEL DEVELOPMENT STANDARDS
 Per UDD#8, Sec 33.24(15)(e)12:

b. Bonus stories may be allowed as follows:

i. Two (2) bonus stories on Block...12b...

c. Bonus stories may be granted if it is determined that the provisions of at least (1) element from i. or a combination of elements from ii. provides sufficient public benefit to warrant the additional height.


→ i. --On-site, publicly accessible plazas and/or pocket parks that are visible from the street and provide seating, landscaping, public art and/or other public amenities. For each one (1) square foot of plaza or park that is provided, five (5) square feet of bonus area is available.

ii. --Mid-block and through-block public pedestrian, bike, and/or vehicular connections.

--On-site, publicly accessible plazas and/or pocket parks that are visible from the street and provide seating, landscaping, public art and/or other public amenities. For each one (1) square foot of plaza or park that is provided, ten (10) square feet of bonus area is available.

--Minimum of fifty percent (50%) vegetative roof cover

--LEED Silver certification of equivalent

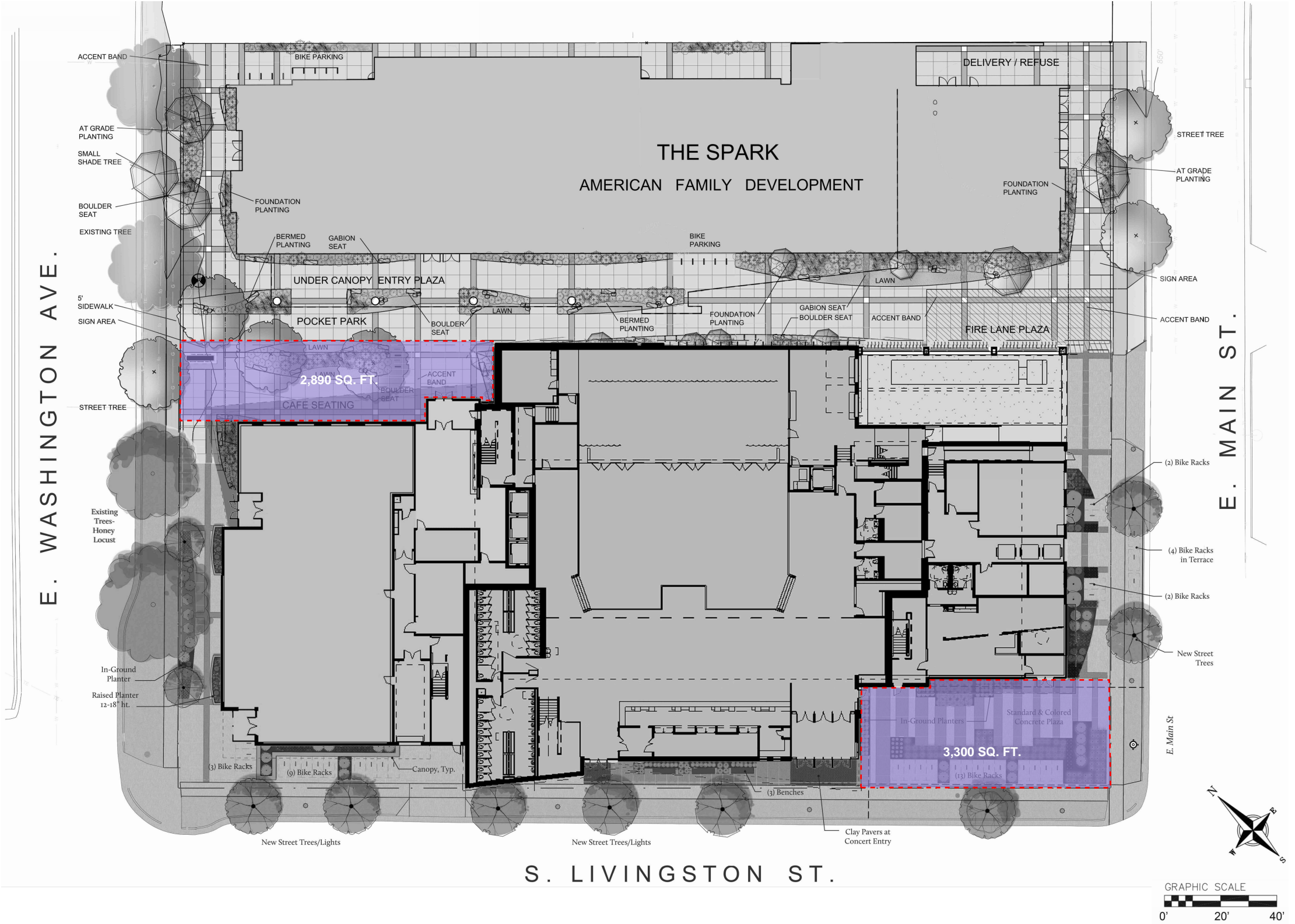
 On-site, publicly accessible plaza and/or pocket park

EARNED BONUS STORIES / BONUS

* (2) Stories

* Area:
 (6,190 sq. ft.) x (5) = 30,950 sq. ft.

* Conditions of Sec 33.24(15)(e)12(c)(i) are met



BONUS STORIES (Option 2)
 On-Site, Publicly Accessible Plaza (Plaza Areas on Northeast and Southwest Corners of Site)



GENERAL NOTES

Shaded portion of elevation and floor plans on sheet A701 represents the requested Bonus Stories / Area.
 Urban Design District #8 makes provisions for Bonus Stories within it's Upper Level Development Standards. See excerpt below.

UPPER LEVEL DEVELOPMENT STANDARDS
 Per UDD#8, Sec 33.24(15)(e)12:

b. Bonus stories may be allowed as follows:

i. Two (2) bonus stories on Block...12b...


c. Bonus stories may be granted if it is determined that the provisions of at least (1) element from i. or a combination of elements from ii. provides sufficient public benefit to warrant the additional height.

i. --On-site, publicly accessible plazas and/or pocket parks that are visible from the street and provide seating, landscaping, public art and/or other public amenities. For each one (1) square foot of plaza or park that is provided, five (5) square feet of bonus area is available.

ii. --Mid-block and through-block public pedestrian, bike, and/or vehicular connections.

→ --On-site, publicly accessible plazas and/or pocket parks that are visible from the street and provide seating, landscaping, public art and/or other public amenities. For each one (1) square foot of plaza or park that is provided, ten (10) square feet of bonus area is available.

→ --Minimum of fifty percent (50%) vegetative roof cover
 --LEED Silver certification of equivalent

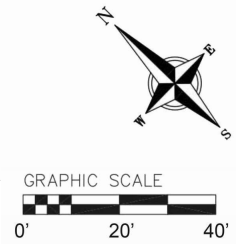
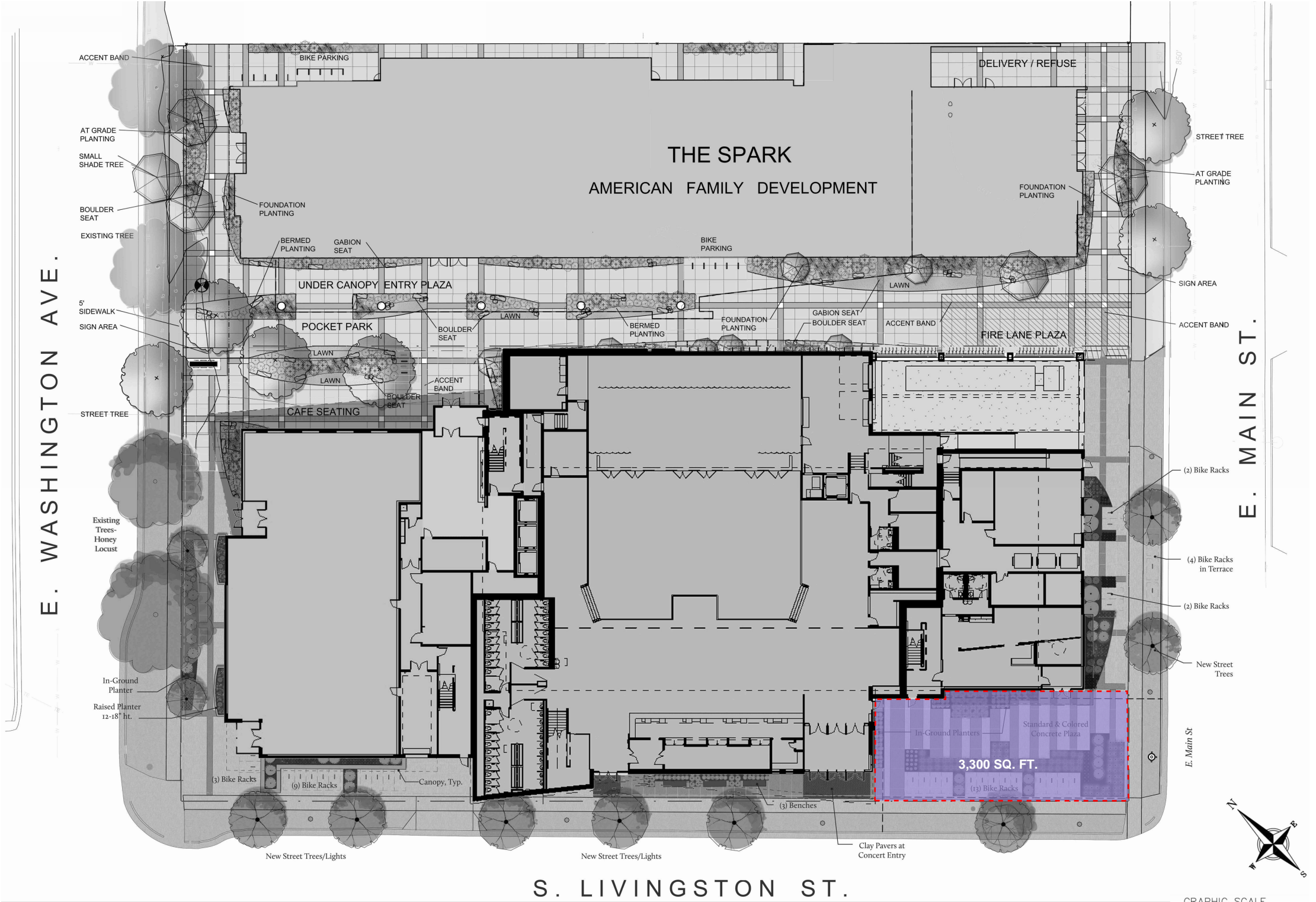
 On-site, publicly accessible plaza and/or pocket park

EARNED BONUS STORIES / BONUS

* (2) Stories

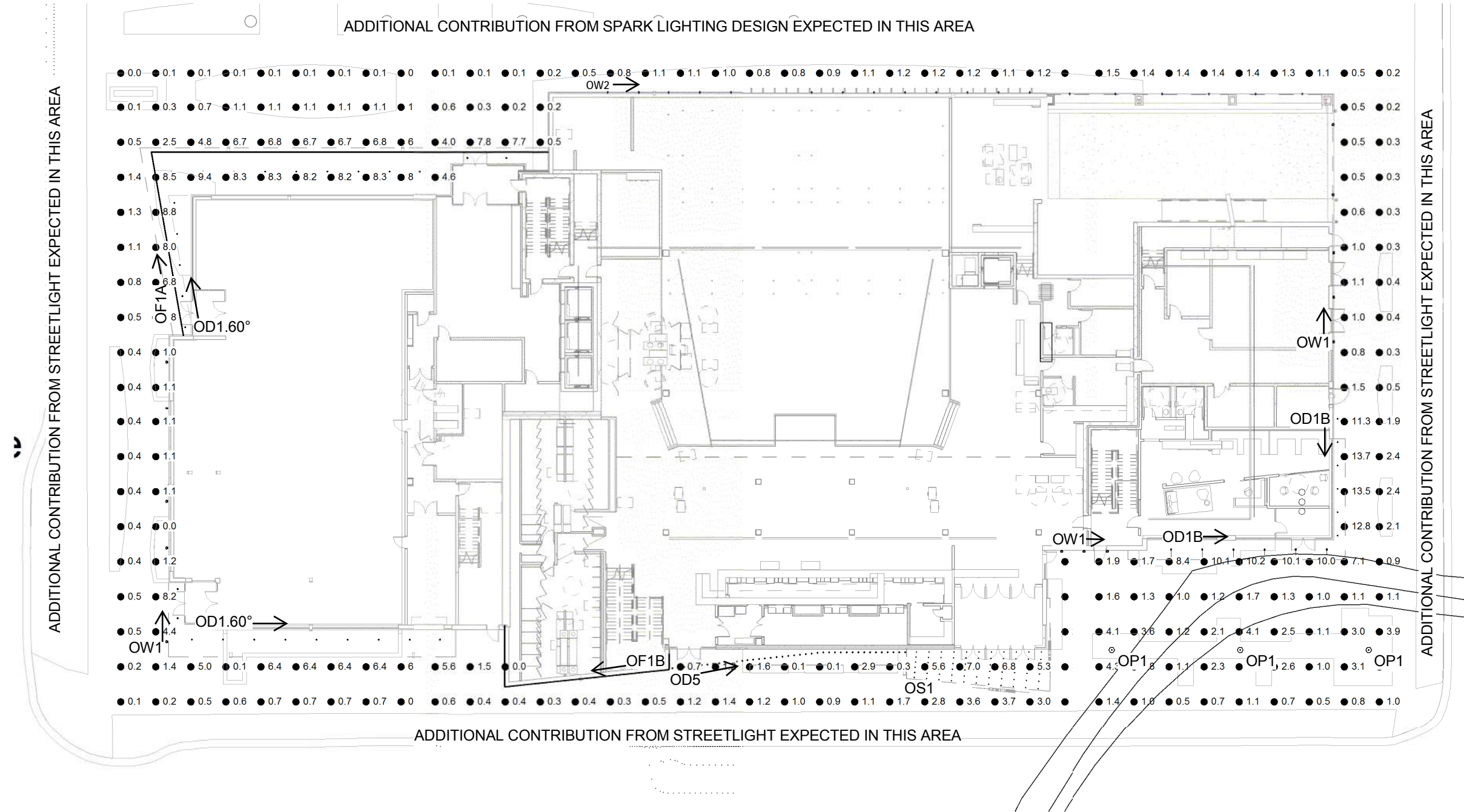
* Area:
 (3,300 sq. ft.) x (10) = 33,000 sq. ft.

* Conditions of Sec 33.24(15)(e)12(c)(ii) are met



BONUS STORIES (Option 3)
 LEED Silver Equivalency and On-Site, Publicly Accessible Plaza





**TYPE OD1
2" Downlight (IC RATED)**

gotham

Luminaire Type:
Catalog Number
(auto-populated):

Gotham Architectural Downlighting
LED Downlights

**2" Incito®
Adjustable, Lensed**

Solid-State Lighting
(US and International Patents Pending)

OPTICAL SYSTEM

- Superior 100% virgin silicone refractive optic enables maximum dimensional stability and optical transmission with no discoloration over life.
- Primary control of distribution occurs in refractive optic allowing for aesthetic versatility with trim color and finish.
- Eleven preset distribution patterns allow designers to achieve various objectives.
- 3-Step MacAdam Ellipse.
- Self-flanged semi-specular or matte-diffuse lower trim utilized in combination with a highly transmissive softening lens.
- Field interchangeable optics.
- Wipe-down precision acrylic lens controls aperture brightness and enables consistent visual texture.

MECHANICAL SYSTEM

- Matte black enclosure ensures seamless integration into architecture.
- Post-installation vertical tilt and horizontal rotation adjustment possible from above or below ceiling.
- Accommodates 1/2" to 5/8" thick ceilings only.
- Full horizontal panning up to 365 degrees.
- 0-40° vertical tilt.
- Hot aiming below ceiling with indicator.
- Install from below architecture standard.
- Several additional mounting options available including new construction mounting pan, Chicago plenum, and Type IC.

Standard ambient operating temperature: 25 °C. High ambient option available.

- Accommodates a wide range of applications including multiple plenum cross sections and ceiling thicknesses. Consult page 2.
- Light engine and driver are accessible from above or below ceiling.
- Flangeless trim option includes proprietary Gotham mud ring enabling seamless integration into drywall applications. Mud ring ships separately.

ELECTRICAL SYSTEM

- Solid-state LED light engine available in 2700 K, 3000 K, 3500 K or 4000 K color temperatures. Standard CRI: 80 typical. High CRI option available.
- Rated system life of >60,000 hours at 70% output.
- 120V TRIAC or ELV dimming and 0-10V dimming standard.
- Luminaire accepts parallel and branch circuit control wiring.

LISTINGS

- Features are UL listed to meet US and Canadian standards; wet location listed.

WARRANTY

- 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

EXAMPLE: IC0 ADJL 3510 2AR LSS 200 MVOLT UGZ

Series	Color temperature	Nominal lumen values ¹	Aperture/Trim color	Trim Style	Finish	Beam				
IC0 ADJL	27	2700 K	05	500 lumens	2AR	Clear (blank) Self-flanged	LSS	Semi-specular	150	15° beam angle
	30	3000 K	07	750 lumens	2PR	Prismatic	LD	Matte diffuse	200	20° beam angle
	35	3500 K	10	1000 lumens	2WTR	Wheat	FL	Flangeless	250	25° beam angle
	40	4000 K	15	1500 lumens	2CR	Gold			300	30° beam angle
					2WR	White			350	35° beam angle
					2BR	Black			400	40° beam angle
								450	45° beam angle	
								35150	Elliptical 35° x 15° beam angle	
								50200	Elliptical 50° x 20° beam angle	
								50600	Elliptical 50° x 60° beam angle	
								60700	Elliptical 60° x 70° beam angle	

Voltage	Driver	Options
MVOLT ¹	UGZ ²	SF ^{3,7} Single fuse
120		TRW ^{4,9} White painted flange
277		TRBL ^{4,9} Black painted flange
		CP ⁵ Chicago plenum
		NPP10ER ^{6,7} nLight [®] network power/relay pack with 0-10V dimming.
		NPP10DER ^{6,7} nLight [®] network power/relay pack with 0-10V dimming. ER control fixtures on emergency circuit.

ACCESSORIES order as separate catalog numbers (shipped separately)

OPTIC ^{2,7}	Additional optics available for field installation	HS258	2-5/8" Hole saw
OPTIC KIT	Kit including a field interchangeable optic for each of the 13 preset beam distribution patterns	HS234FL	2-3/4" Hole saw for flangeless trim option
		ANS0	Allen wrench (.050") for adjusting tilt

IC0-2-ADJL | GOTHAM ARCHITECTURAL DOWNLIGHTING | 1400 Lester Road Conyers GA 30012 | P 800.315.4982 | gothamlighting.com

PAGE 1 OF 4 | © 2015-2016 Acuity Brands Lighting, Inc. All Rights Reserved. Rev. 08/2016. Specifications subject to change without notice.

**Type OP1
12' Pole**

amerlux
Passion. Power. Performance.

**Lunetta
18" LED Pedestrian
& Area Luminaire**

LUN18/SLV

Features

Conventional exterior lighting, no matter how utilitarian or thoughtful the design aesthetic, involves a bright luminaire and a dark pole. "Lunetta" breaks from convention by allowing both luminaire and pole to become illuminated as one. A straight round 4" aluminum pole emanates from the ground and begins to flare until gracefully reaching the recessed light source running around the perimeter. The LEDs graze light down the face of the flared luminaire and post creating a comfortable yet efficient lighting element.

Product Overview

Wattage: 45W
Lumen Output: 2,800 lm
Color Temp: 3,000K / 3,500K / 4,000K
Dimming: 0-10v
Max Height: 14 feet
Diameter: 18 inches

Description:

Lighting for exterior retail and hospitality environments, university and corporate campuses, or any outdoor meeting space.

LED Array:

(60) 4,000K Mid flux SMD LEDs delivering approximately 2,800 lm from a white luminaire. Sealed under polycarbonate optical lens, resistant to UV and thermal shock. It runs at approximately 45W.

LED Driver Module:

- Electronic driver operates at 850mA with 120V-277V AC input
- 0-10v dimming

Materials:

Base - Cast aluminum (356-T6)
Shaft - Extruded aluminum (6063-T6)
Anchor Bolts - Hot dipped galvanized steel
Luminaire - Spun aluminum (6063)

ETL listed, suitable for wet locations.

Finish:

Premium quality thermoset polyester powdercoat for a durable finish.

ANT - Anthracite Gray
SDS - Stardust Silver
WHT - White
Custom

over all height (shown at 10')

2.2" 0.18.9" 14.8" 0.4.0" 3.0" 0.11.0"

5 year limited warranty

Amerlux, LLC • P:209-997-5400 • F:209-997-5448 • www.amerlux.com

REV:1-8/17

**Type OW1
Cutoff Sconce**

LED wall luminaires with directed light

Housing: One piece die-cast aluminum for direct attachment to 3 1/2" or 4" octagonal wiring box. Die castings are marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy.

Enclosure: One piece die-cast aluminum cover frame secured by two (2) captive, stainless steel set screws threaded into stainless steel inserts. Matte safety glass. Fully gasketed for weather tight operation using a molded "U" channel silicone rubber gasket.

Electrical: 4.2W LED luminaire, 5.8 total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI); add suffix K4 to order. Optionally available with 2700K color temperature, consult factory.

Note: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK), White (WHT), Bronze (BRZ), Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP64

Weight: 1.5 lbs.

Luminaire Lumens: 291
Tested in accordance with LM-79-08

BEGA-US 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 FAX (805) 566-9474 www.bega-us.com
Copyright BEGA-US 2016 Updated 07/16

Lunetta LED Walkway Bollard

LUNIO/SLV

TYPE OB1
42" Bollard

Features
LED integration throughout the site is possible with Amerlux's Lunetta bollard, which includes a highly efficient and long lasting LED array.
A straight round 2.5" aluminum pole emanates from the ground and begins to flare until gracefully reaching the recessed light source running around the perimeter. The Lunetta bollard has no visible fasteners or hardware, which adds to its sleek design.

PROJECT: TYPE:

Product Overview

Wattage:	12W
Lumen Output:	1430 lm
Color Temp:	2,700K / 3,000K / 3,500K / 4,000K
Dimming:	0-10v
Weight at 24in:	6 lbs
Max Height:	42 inches
Diameter:	10 inches

Description:
Lighting for exterior retail and hospitality environment, university and corporate campuses, or any outdoor meeting space.

LED Array:
(40) High brightness SMD LEDs delivering approximately 1,430 lm. Sealed under polycarbonate optical lens, resistant to UV and thermal shock. It runs at approximately 16W.

LED Driver Module:
• Electronic driver operates at 650mA with 120v-277V AC input
• 0-10v dimming

Materials:
Anchor base - Cast aluminum (356-T6)
Shaft - Extruded aluminum (6063-T6)
Cone - Spun aluminum (6063)

ETL listed, suitable for wet locations.

Finish:
Premium quality thermoset polyester powdercoat for a durable finish.

ANT - Anthracite Gray **BLK** - Satin Black
CLB - Classic Bronze **SDS** - Stardust Silver
WHT - White **Custom** _____

REV: 1 - 10/18
Amerlux, LLC • P: 281-997-5400 • F: 281-997-5444 • www.amerlux.com

Technical Specs

Light Source

- 100-240V AC, 50/60Hz input
- 700mA DC constant current output
- 6VA, 3W for 1 (3 Watt LED)
- 3000K : 120 source lumens
- 4000K : 140 source lumens

- Listed for wet locations
- Short circuit protection
- Overload protection
- Thermal protection

• 3 year limited fixture warranty

Made in the USA - meets the requirements of the Buy American provision within the AFRA

TYPE OF1A
LINEAR ACCENT UNDER CANOPIES

Hypnotica™ IS Color Changing Series

www.ilight-tech.com

PRODUCT SUMMARY

PRODUCT FEATURES

- Slender, low profile
- Smooth, even light output
- Compatible with any DMX 512 controller or any RDM (Remote Device Management) controller
- Controllable in 6" increments
- Applications: exterior and interior trim lighting, direct and indirect lighting, cove lighting, accent lighting & more.

Color Range

- 16.7 million color possibilities

Light Source

- 20 High Powered RGB LEDs per foot

Housing

- Anodized aluminum extrusion with frosted diffuser

Power Supply

- 120-277 AC Class 2 24 VDC 4.1 A Max iLight Power Supply

Control Systems

- Industry Standard DMX 512
- RDM

Partners

- Pathway Connectivity

Standard Lengths Available

- 1'- (304mm) 2'- (609mm) 3'- (914mm) 4'- (1218mm)
- 5'- (1524mm) 6'- (1829mm) 7'- (2133mm) 8'- (2438mm)

Custom Lengths

- Available up to 8'

Hypnotica IS Product Profile

1. Drawing required for production

ORDERING INFORMATION

Sample Number: T-24RGBDAST0-01

CLASS	VOLTAGE	COLOR	RGB TYPE	RESOLUTION	ADDITIONAL IDENTIFIER	LENGTH	FIXTURE TYPE	VERSION
T	24	RGB	D	A	S		0	01
T = Trim	24 = 24V	RGB	D = DMX	A = 6"	S = Straight	1 = 1 foot 2 = 2 feet 3 = 3 feet 4 = 4 feet 5 = 5 feet 6 = 6 feet 7 = 7 feet 8 = 8 feet	0 = Standard	01

Specification sheets are subject to change without notice. For the most recent version, please refer to www.ilight-tech.com.

iLight Technologies • 118 South Clinton, Suite 370 • Chicago, IL 60661 • T 312.876.8630 • F 312.876.8631 • www.ilight-tech.com

11-2016-B

BRUCK
LEDRA brands

TYPE OS1
UNDER FRANK CANOPY

Bruck By Ledra Brands Inc. | 15774 Gateway Circle | PH: 714.259.9959 | www.brucklighting.com
Tustin, CA 92780 | FAX: 714.259.9969

Job Name: _____ Contact: _____

Ordering Code: _____ Fixture Type: _____

AL-C

Description
The AL-C has a hard anodized aluminum housing and decorative collar with 3/8" thick tempered borosilicate glass dome. This fixture includes an integral driver enclosed in the housing. Listed for wet locations.

Mounting
Suitable to be fed direct with conduit.

Ordering Codes

Follow the steps to specify your fixture, example: 135331 - al - 3

Part Number	Finish	Color Temperature
135331 LED	al anodized aluminum	3 3000K, 120 lm
		4 4000K, 140 lm
		blu blue
		grn green
		red red
		amb amber

Technical Specs

Light Source

- 100-240V AC, 50/60Hz input
- 700mA DC constant current output
- 6VA, 3W for 1 (3 Watt LED)
- 3000K : 120 source lumens
- 4000K : 140 source lumens

- Listed for wet locations
- Short circuit protection
- Overload protection
- Thermal protection

• 3 year limited fixture warranty

Made in the USA - meets the requirements of the Buy American provision within the AFRA

In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. v.8.24.16 AL-C Page 1 of 1

TYPE OW2
PLAZA FLOOD, PER SPARK DESIGNER
18-29W LED

DENALI SERIES™ FLOODLIGHT

PROJECT: _____

TYPE: _____

CATALOG NUMBER: _____

SOURCE: _____

NOTES: _____

CATALOG NUMBER LOGIC

Example: DE - LED - x31 - FL - SAP - 12 - 11 - C

Series: DE - Denali Series™ Floodlight

Source: LED - X Module with Cold Phosphor Technology

LED Type: x30 - 18WLED/2.7K, x31 - 18WLED/3K, x32 - 18WLED/4K, x33 - 29WLED/2.7K, x34 - 29WLED/3K, x35 - 29WLED/4K

Optics: SP - Spot (20'), FL - Flood (60'), WFL - Wide Flood (60')

Configure Driver Housing Separately
Driver Housing Required

INTEGRAL DRIVER HOUSINGS:
HP2 - HP2 Housing
PM2 - Universal Power Module 2
PM2D - Universal Power Module 2 Dual
PC - Power Canopy
PPI - Power Pipe II
TMB - Pole Mount or Tenon Mount

REMOTE DRIVER HOUSINGS:
HP2RM - HP2 Remote Housing
PM2RM - Universal Power Module 2 Remote
PM2DRM - Universal Power Module 2 Dual Remote
RM - Remote Wall Mount
DRM - Dual Remote Wall Mount

Aluminum Finish			Premium Finish		
Powder Coat Color	Satin	Winkle	ABP	CMG	BMG
Bronze	BZP	BZW	AMG	CRM	SDS
Black	BLP	BLW	AQW	CRM	SMG
White (Gloss)	WHP	WHW	BCM	HUG	TXF
Aluminum	SAP	---	BGE	MDS	WCP
Verde	---	VER	BPP	NBP	WIR
			CAP	OCF	---

Lens Type: 9 - Clear (Standard), 10 - Spread Lens*, 12 - Soft Focus Lens*, 13 - Rectilinear Lens*

Shielding: 11 - Honeycomb Baffle*

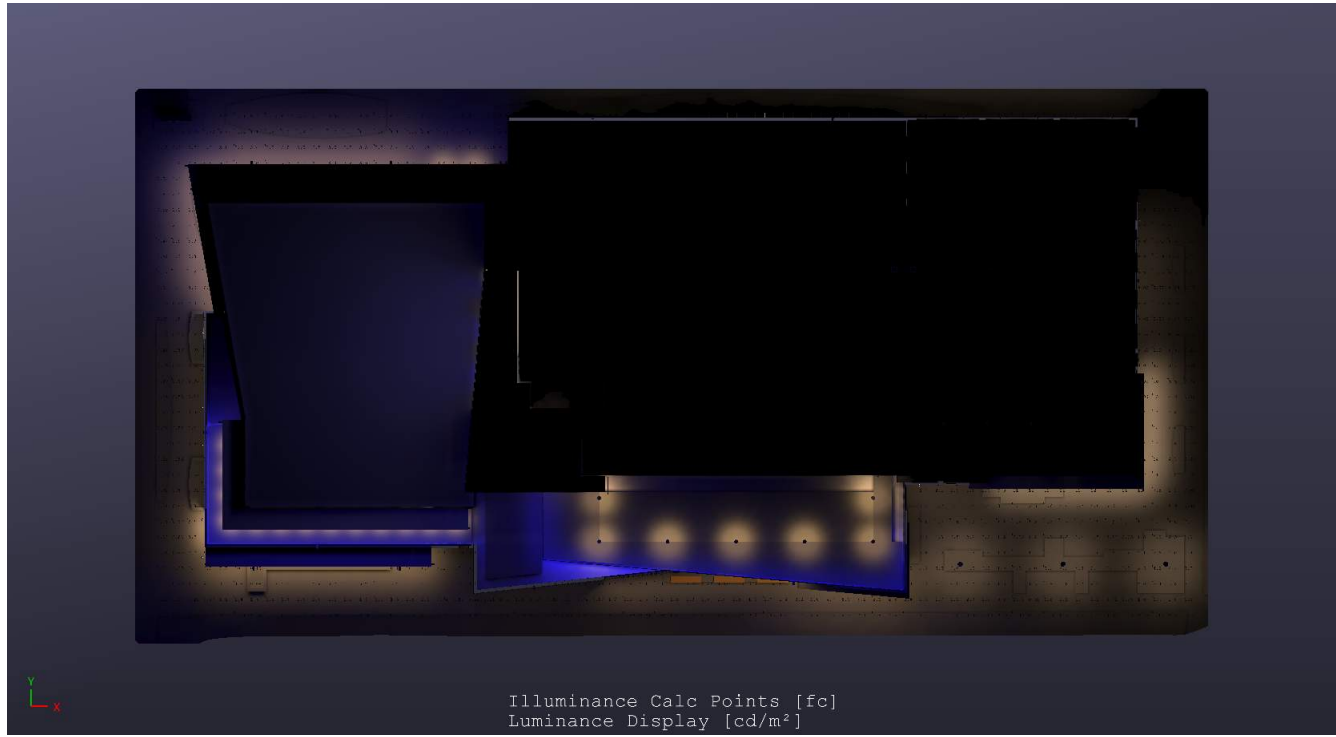
Cap Style: A - 45°, B - 90°, C - Flush, D - 45° less Weep Hole (Interior Use Only), E - 90° less Weep Hole (Interior Use Only)

LM79 DATA						L70 DATA		OPTICAL DATA	
BK No.	Lumens (Source)	CCT (Typ.)	CR1 (Ra Typ.)	Color Consistency	Input Watts (Typ.)	Minimum Rated Life (hrs.) 70% of Initial Lumens (L70)	Beam Type	Angle	
x30	1300	2700K	>80	±40K	18	50,000	Spot	20°	
x31	1300	3000K	>80	±50K	18	50,000	Flood	40°	
x32	1300	4000K	>80	±70K	18	50,000	Wide Flood	60°	
x33	2000	2700K	>80	±40K	29	50,000			
x34	2000	3000K	>80	±50K	29	50,000			
x35	2000	4000K	>80	±70K	29	50,000			

B-K LIGHTING 40429 Brickyard Drive • Madera, CA 93636 • USA 509-438-5800 • FAX 509-438-5900 www.bklighting.com • info@bklighting.com

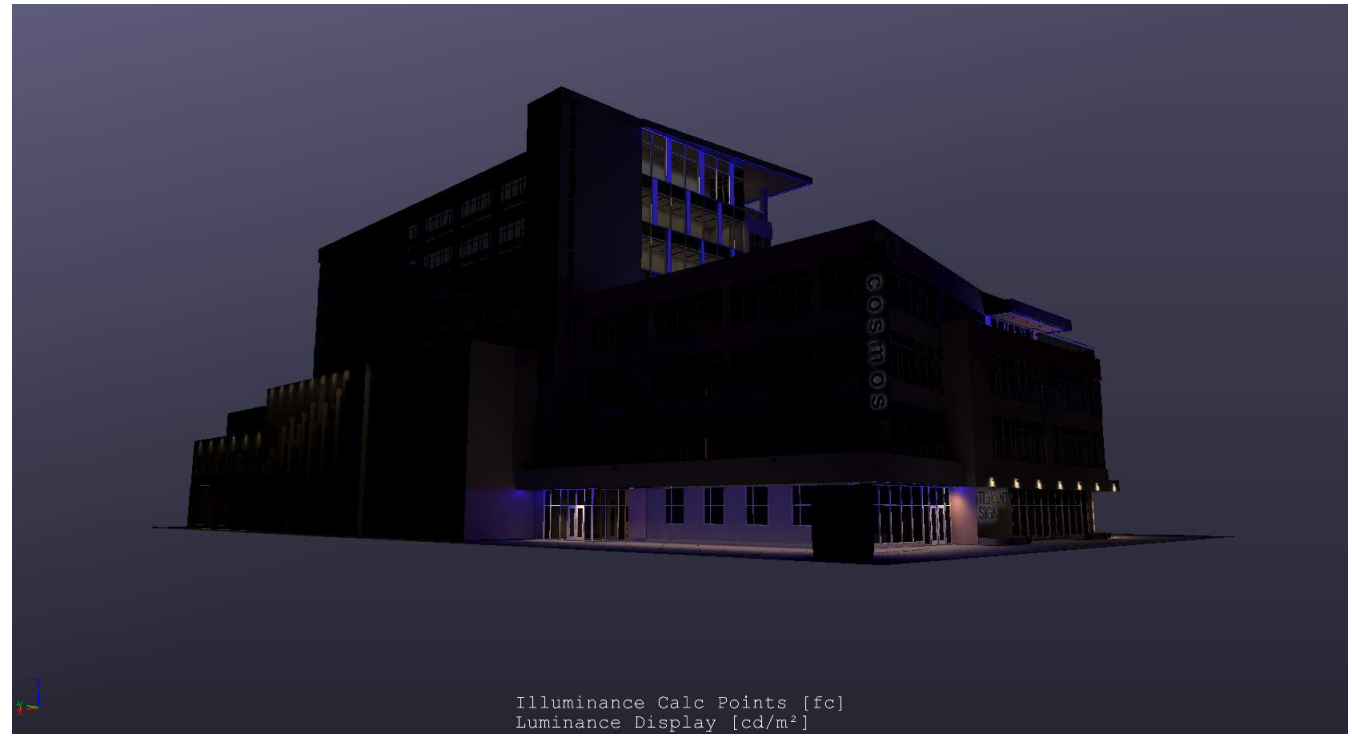
SUBMITTAL DATE: 12-16-14 DRAWING NUMBER: SUB001113

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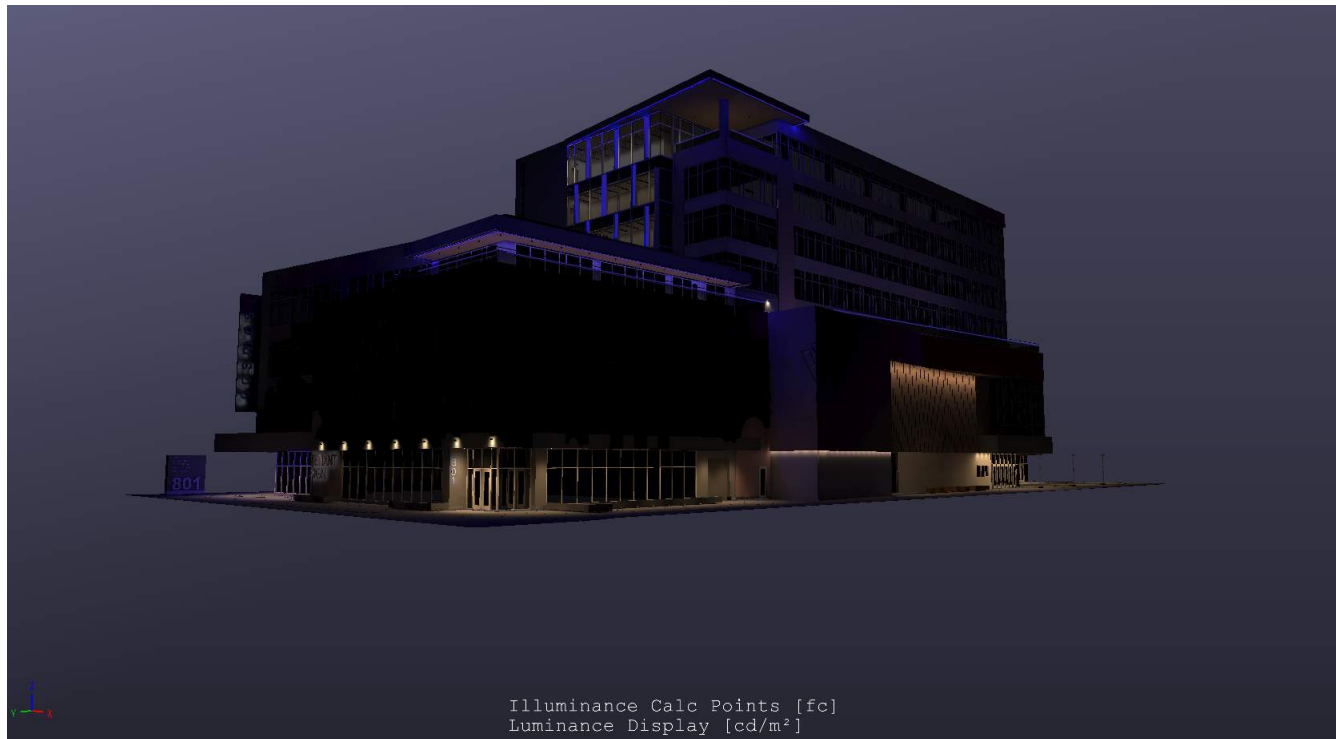
Illuminance Calc Points [fc]
Luminance Display [cd/m²]

AERIAL VIEW (LOOKING STRAIGHT DOWN)



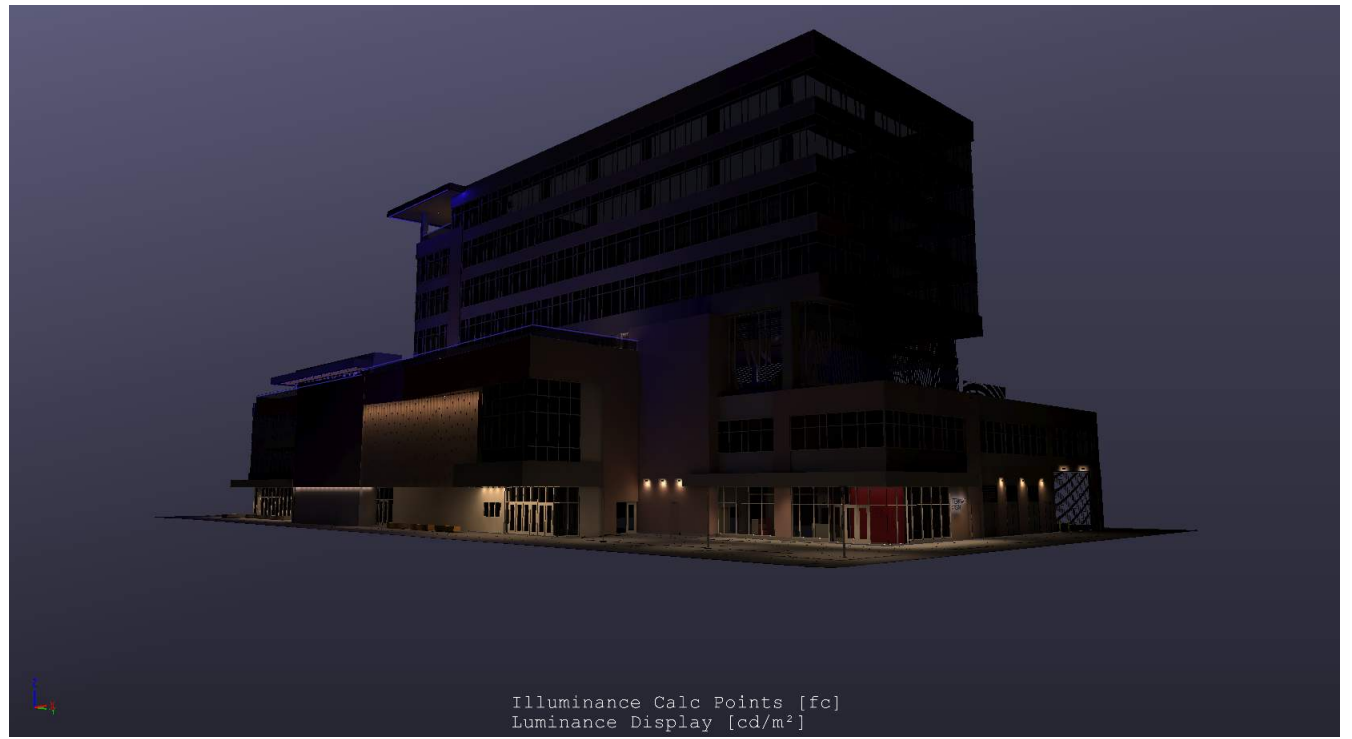
Illuminance Calc Points [fc]
Luminance Display [cd/m²]

STREET LEVEL VIEW (LOOKING SOUTH-WEST)



Illuminance Calc Points [fc]
Luminance Display [cd/m²]

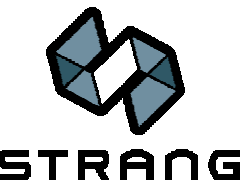
STREET LEVEL VIEW (LOOKING SOUTH-EAST)

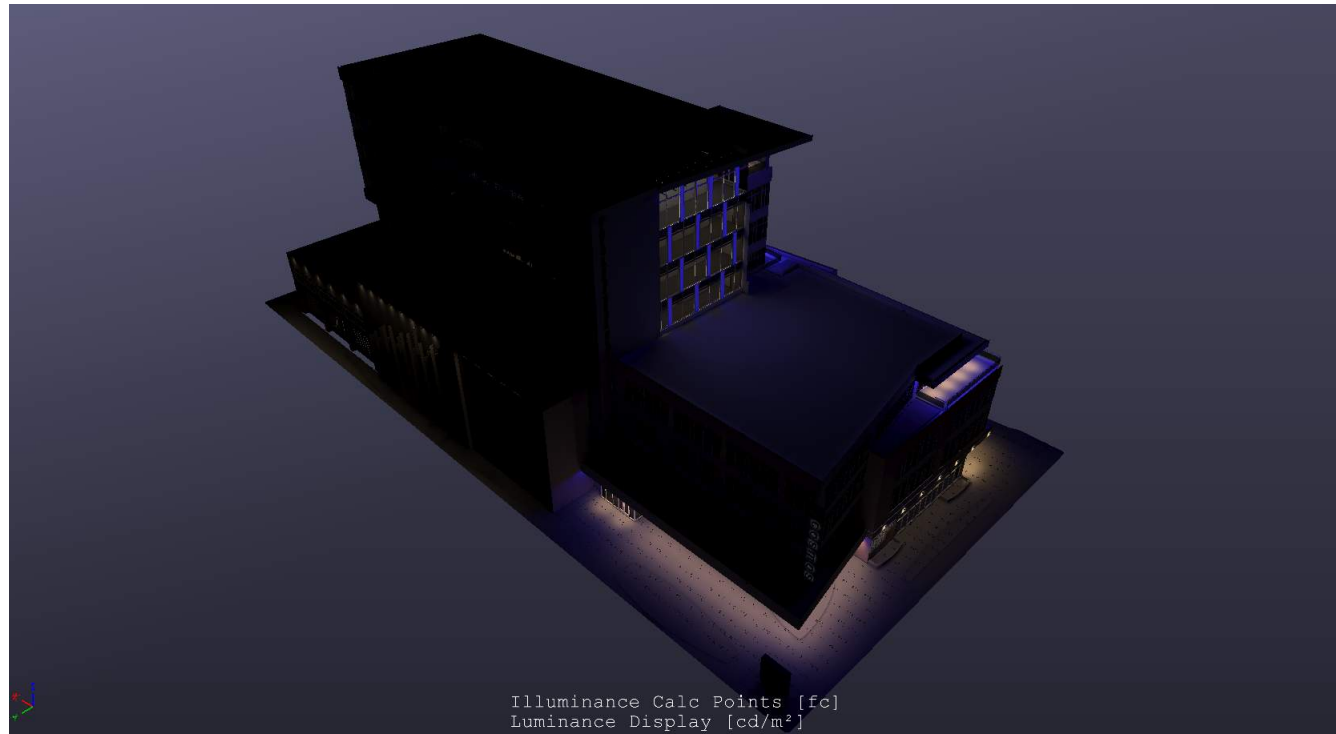


Illuminance Calc Points [fc]
Luminance Display [cd/m²]

STREET LEVEL VIEW (LOOKING NORTH-EAST)

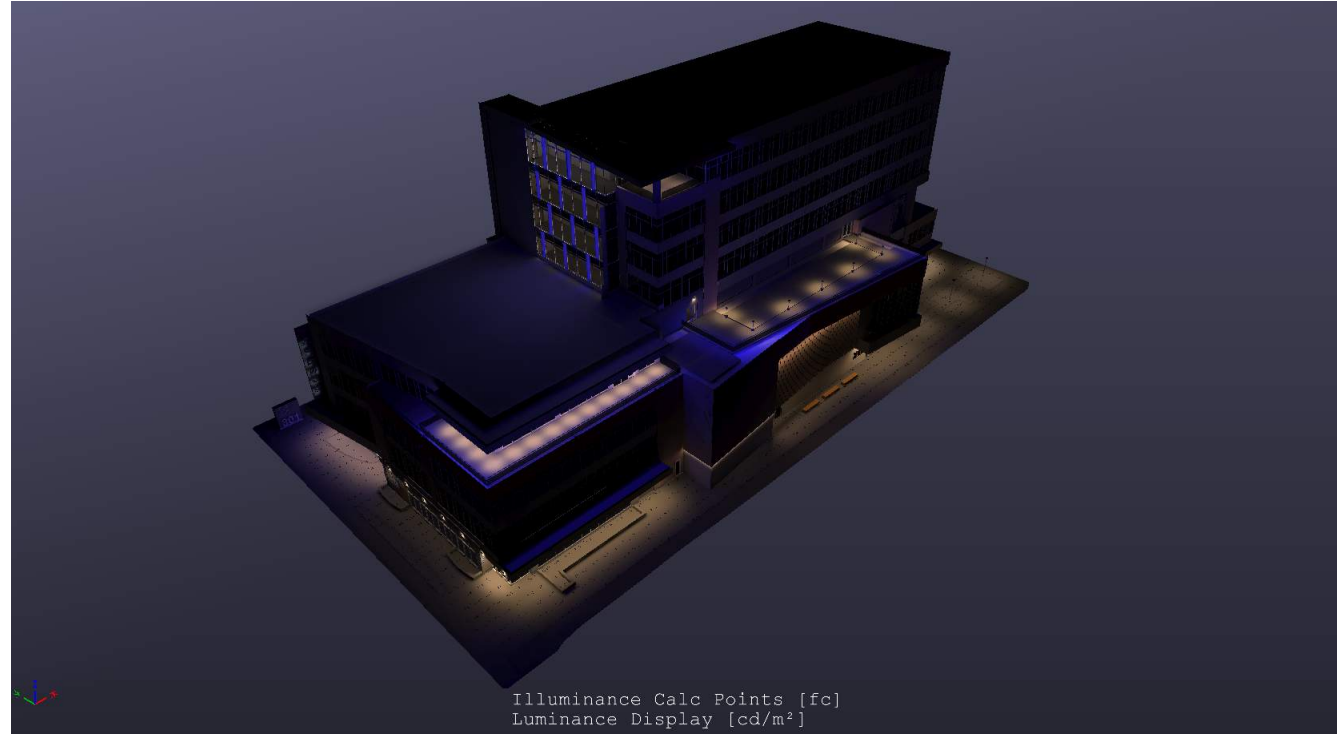
LIGHTING SIMULATIONS





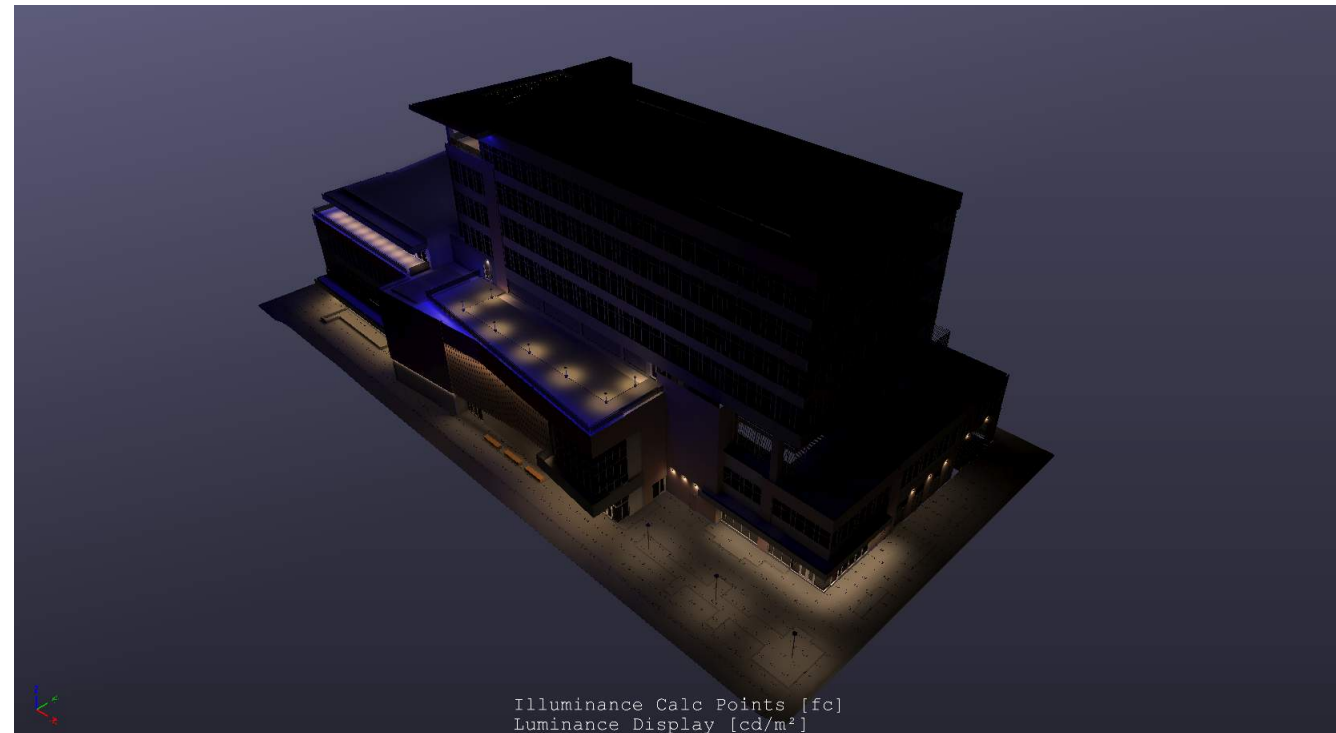
Illuminance Calc Points [fc]
Luminance Display [cd/m²]

AERIAL VIEW (LOOKING SOUTH-WEST)



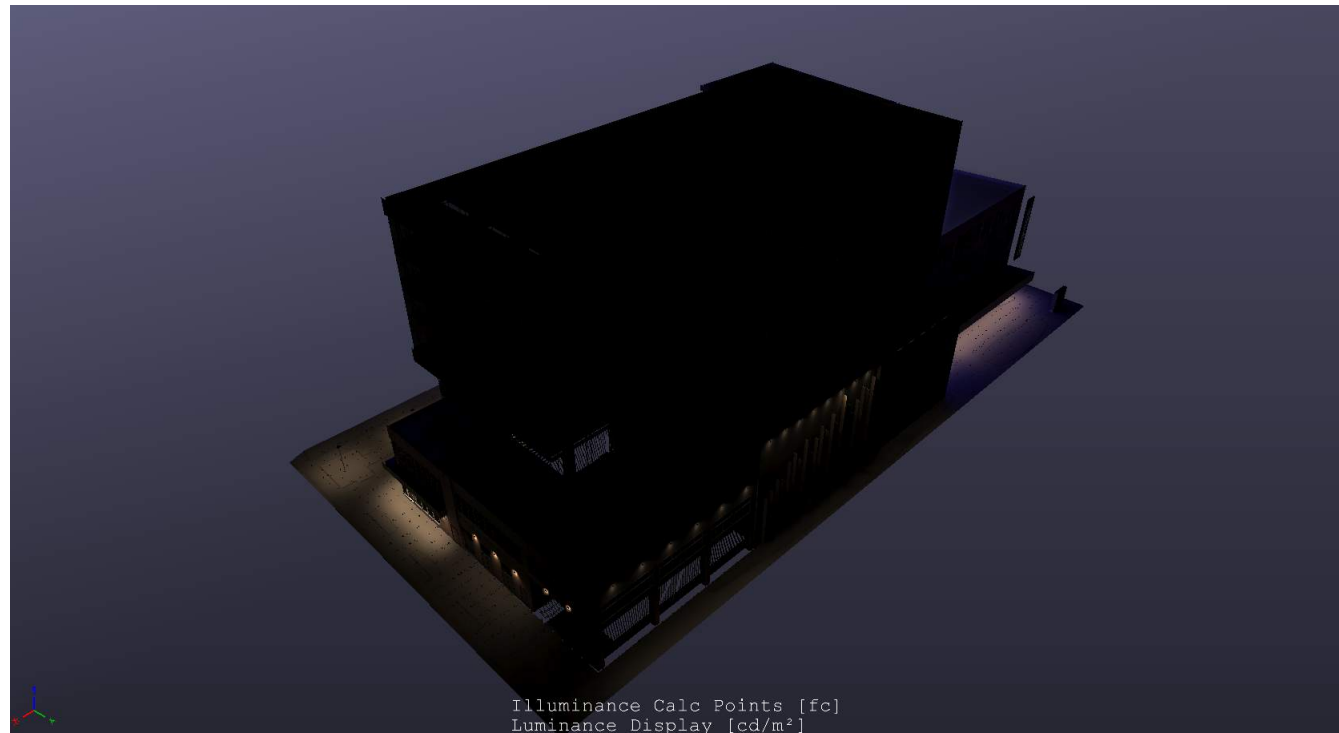
Illuminance Calc Points [fc]
Luminance Display [cd/m²]

AERIAL VIEW (LOOKING SOUTH-EAST)



Illuminance Calc Points [fc]
Luminance Display [cd/m²]

AERIAL VIEW (LOOKING NORTH-EAST)



Illuminance Calc Points [fc]
Luminance Display [cd/m²]

AERIAL VIEW (LOOKING NORTH-WEST)

LIGHTING SIMULATIONS

