ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

PROJECT NO. : 2025043

DESIGN TEAM

ARCHITECT OF RECORD

STRANG, INC.

ARCHITECTURAL DESIGN AND LANDSCAPE ARCHITECTURE

PERKINS & WILL

STRUCTURAL ENGINEERING

GRAEF

CIVIL ENGINEERING

GRAEF

MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DESIGN

STRANG, INC.

SHEET INDEX

T001	TITLE SHEET
CIVIL	
C001	EXISTING CONDITIONS
C101	DEMOLITION & EROSION CONTROL
C201	SITE LAYOUT PLAN
C202	GRADING PLAN
C203	UTILITY PLAN
C401	FIRE ACCESS PLAN
C800	CONSTRUCTION NOTES
C801	CONSTRUCTION DETAILS
C802	CONSTRUCTION DETAILS
C803	CONSTRUCTION DETAILS
LANDSCAPE	
L201	LANDSCAPE SITE PLAN
L201A	LANDSCAPE SITE PLAN
L201B	LANDSCAPE SITE PLAN
L202A	PLANTING PLAN
L202B	PLANTING PLAN
L203	SOILS PLAN
L204	IRRIGATION PLAN
L801	LANDSCAPE DETAILS
L802	LANDSCAPE DETAILS
ARCHITECTURAL	
A201	EXHIBIT LEVEL PLAN
A202	SECOND AND MEZZANINE PLAN
A204	ROOF PLAN
A401	EXTERIOR ELEVATIONS
A401	EXTERIOR ELEVATIONS
A402	EXTERIOR ELEVATIONS
A402	EXTERIOR ELEVATIONS
A403	EXTERIOR ELEVATIONS
A403	EXTERIOR ELEVATIONS
A404	EXTERIOR RENDERINGS

SITE LOCATION MAP



AERIAL PHOTO



SITE PHOTOS



A. VETERAN'S MEMORIAL COLISEUM



B. ARENA BUILDING



C. NEW HOLLAND PAVILION - BUILDING 1



D. NEW HOLLAND PAVILION - BUILDING 2



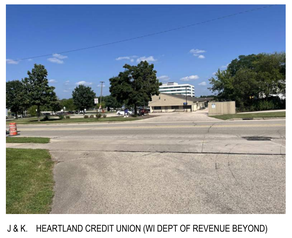
E. DANE COUNTY DEPARTMENT OF PUBLIC WORKS (ADMIN BUILDING)



F. SPARK BY HILTON

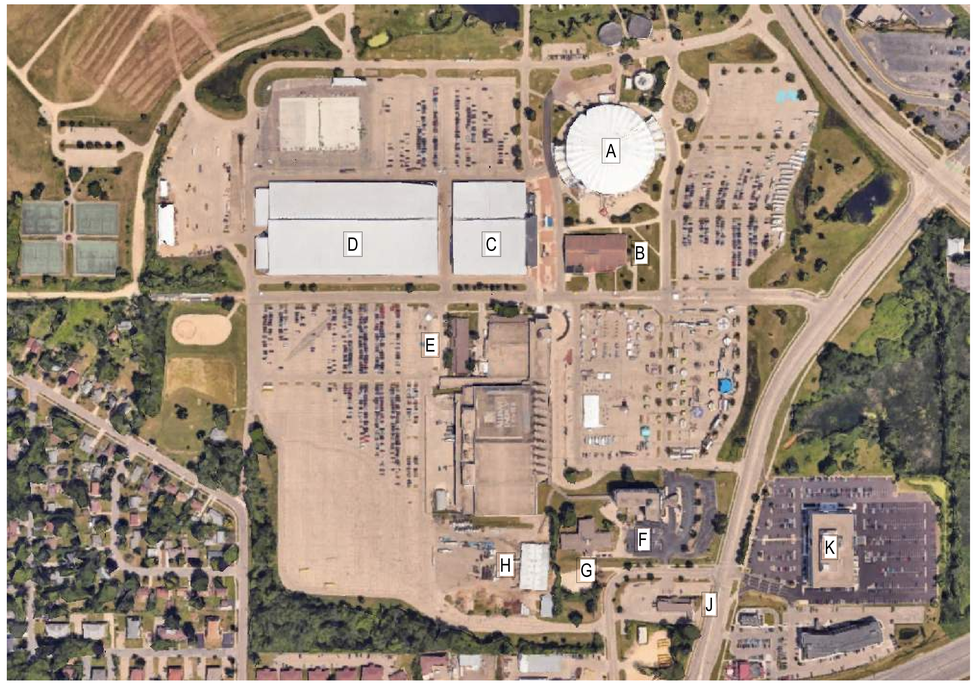


H. DANE COUNTY PUBLIC WORKS STORAGE (TO BE DEMOLISHED)



J & K. HEARTLAND CREDIT UNION (WI DEPT OF REVENUE BEYOND)

ADJACENT BUILDING INFORMATION



BUILDING INDEX

A.	VETERAN'S MEMORIAL COLISEUM
B.	ARENA BUILDING
C.	NEW HOLLAND PAVILION - BUILDING 1
D.	NEW HOLLAND PAVILION - BUILDING 2
E.	DANE COUNTY DEPARTMENT OF PUBLIC WORKS (ADMINISTRATION BUILDING)
F.	SPARK BY HILTON
G.	WILLIAM H. FERRIS CENTER (TO BE DEMOLISHED BY SEPARATE PROJECT PRIOR TO PROJECT START)
H.	DANE COUNTY PUBLIC WORKS STORAGE BUILDING (TO BE DEMOLISHED)
J.	HEARTLAND CREDIT UNION
K.	WISCONSIN DEPARTMENT OF REVENUE

COPYRIGHT STRANG, INC. 2026

DRAWING SET UDC - PRE

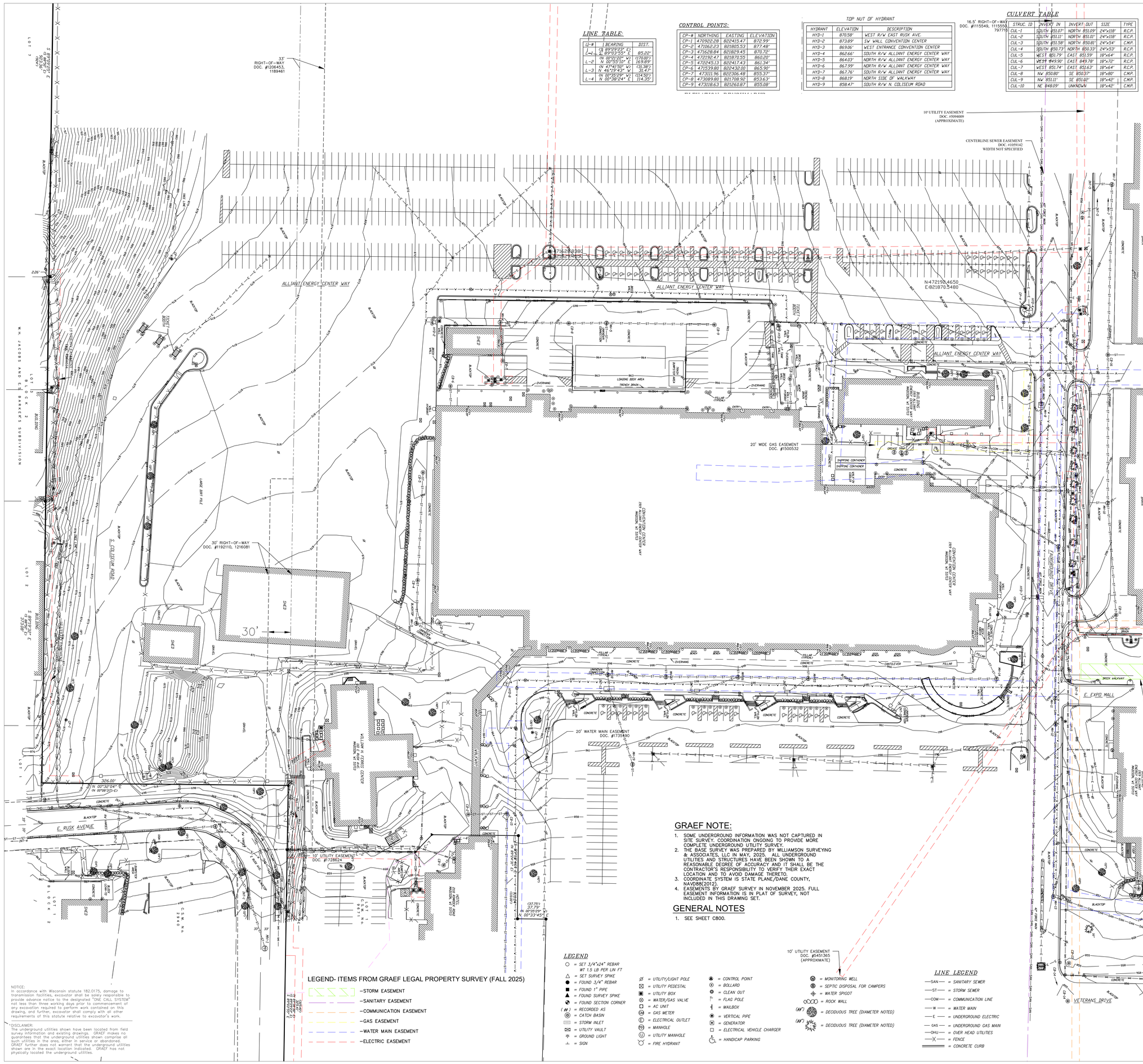
DATE 05/18/2026

SHEET NAME

TITLE SHEET

SHEET NO.

T001



GRAEF NOTE:

1. SOME UNDERGROUND INFORMATION WAS NOT CAPTURED IN SITE SURVEY. COORDINATION ONGOING TO PROVIDE MORE COMPLETE UNDERGROUND UTILITY SURVEY.
2. THE BASE SURVEY WAS PREPARED BY WILLIAMSON SURVEYING & ASSOCIATES, LLC IN MAY, 2025. 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.
3. COORDINATE SYSTEM IS STATE PLANE/DANE COUNTY, NAVD88(2012).
4. EASEMENTS BY GRAEF SURVEY IN NOVEMBER 2025. FULL EASEMENT INFORMATION IS IN PLAT OF SURVEY, NOT INCLUDED IN THIS DRAWING SET.

GENERAL NOTES

1. SEE SHEET C800.

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

MANHOLE TABLE

STRUC. ID	RIM	INVERT	ELEV.	SIZE
STM-MH-1	860.40'	SW	854.00'	30" RCP
STM-MH-2	866.36'	SOUTH	861.26'	30" RCP
		NE	861.11'	30" RCP
STM-MH-3	867.51'	NE	858.86'	24" RCP
		WEST	858.96'	15" RCP
		NORTH	861.66'	8" PVC
STM-MH-4	867.87'	EAST	860.02'	12" RCP
		NORTH	859.88'	15" RCP
STM-MH-5	864.96'	NORTH	859.34'	15" RCP
		SOUTH	859.11'	15" RCP
		EAST	859.11'	18" RCP
SAN-MH-6	866.04'	NE	857.62'	8" CLAY
		WEST	860.34'	6" CLAY
		SOUTH	859.84'	8" PVC
STM-MH-7	858.35'	EAST	855.85'	27"x45" RCP
		SOUTH	855.90'	12" HDPE
SAN-MH-8	862.87'	NO INVERT, 42" FORCE MAIN		
SAN-MH-9	865.41'	EAST	855.07'	8" CLAY
		SW	855.11'	8" CLAY
STM-MH-10	861.40'	NORTH	857.65'	6" HDPE
		SOUTH	857.50'	12" HDPE
		EAST	857.55'	12" HDPE
		WEST	857.30'	18" HDPE
SAN-MH-11	861.78'	EAST	851.10'	8" CLAY
		WEST	851.10'	8" CLAY
		NW	853.18'	8" CLAY
SAN-MH-12	860.93'	EAST	851.00'	8" CLAY
		WEST	851.00'	8" CLAY
SAN-MH-13	855.95'	WEST	848.47'	8" CLAY
		NE	848.47'	8" CLAY
STM-MH-14	865.39'	SW	859.59'	8" PVC
		SOUTH	859.19'	12" RCP
STM-MH-15	865.46'	WEST	859.06'	18" PVC
		NORTH	858.36'	12" RCP
		SOUTH	858.21'	18" RCP
		SE	860.81'	12" RCP
STM-MH-16	865.16'	SOUTH	857.26'	24" RCP
		NORTH	857.46'	18" RCP
		WEST	858.26'	18" PVC
		SE	860.41'	12" RCP
STM-MH-17	865.24'	SOUTH	860.49'	12" RCP
		NORTH	855.99'	24" RCP
		SOUTH	855.74'	24" RCP
		WEST	855.89'	18" PVC
STM-MH-18	865.18'	WEST	855.33'	18" PVC
		NORTH	855.08'	24" RCP
		EAST	855.13'	27"x45" RCP
		SOUTH	857.38'	24" RCP
STM-MH-19	860.36'	EAST	854.46'	27"x45" RCP
		WEST	854.46'	27"x45" RCP
SAN-MH-20	856.25'	SOUTH	845.44'	8" PVC
		WEST	845.49'	8" PVC
SAN-MH-21	855.97'	SW	842.33'	8" PVC
		NE	842.29'	8" PVC
		SOUTH	843.17'	8" PVC
SAN-MH-22	856.94'	NE	844.12'	8" PVC
SAN-MH-23	858.19'	SW	845.09'	8" CLAY

CATCH BASIN TABLE

STRUC. ID	RIM	INVERT	ELEV.	SIZE
CB-1	859.54'	NW	852.31'	6" PVC
CB-2	859.47'	NORTH	852.42'	24" RCP
CB-3	865.47'	SOUTH	862.54'	8" PVC
CB-4	866.03'	EAST	859.53'	15" RCP
		WEST	859.61'	15" RCP
CB-5	865.16'	EAST	860.42'	15" RCP
CB-6	866.26'	EAST	856.13'	68" RCP
CB-7	865.06'	WEST	860.37'	12" RCP
CB-8	864.36'	NORTH	859.42'	15" RCP
		SOUTH	859.42'	15" RCP
CB-9	864.29'	SOUTH	860.24'	12" RCP
CB-10	866.60'	BOTTOM	862.63'	
		EAST	865.55'	4" PVC
CB-11	862.15'	WEST	859.18'	12" HDPE
		EAST	859.75'	6" HDPE
		SE	859.21'	12" HDPE
CB-12	853.39'	BOTTOM	850.19'	
		WEST	852.04'	4" PVC
CB-13	854.24'	EAST	852.74'	12" RCP
		BOTTOM	850.71'	
CB-14	854.62'	WEST	851.69'	12" RCP
		BOTTOM	851.46'	
CB-15	855.71'	SOUTH	851.91'	24" RCP
		EAST	851.81'	24" RCP
CB-16	859.07'	WEST	855.37'	27"x45" RCP
		EAST	855.57'	18" HDPE
		NORTH	855.57'	30" HDPE

STORM SEWER INLET TABLE

STRUC. ID	FLOW	INVERT	ELEV.	SIZE
INT-1	862.60'	SW	857.35'	30" RCP
		NE	857.25'	30" RCP
INT-2	867.65'	WEST	862.80'	18" RCP
		NORTH	862.70'	30" RCP
		SOUTH	862.00'	30" RCP
INT-3	867.74'	EAST	865.01'	18" RCP
INT-4	872.79'	NORTH	867.41'	30" RCP
INT-5	857.56'	NORTH	856.06'	12" HDPE
INT-6	859.46'	NORTH	856.56'	12" HDPE
INT-7	860.59'	NORTH	857.79'	12" HDPE
INT-8	863.40'	NW	860.83'	12" HDPE
		EAST	860.88'	12" HDPE
INT-9	862.46'	WEST	861.01'	12" HDPE
INT-10	862.85'	NW	859.30'	12" RCP
INT-11	864.38'	NW	862.03'	12" RCP
INT-12	864.39'	NW	862.09'	12" RCP
INT-13	864.28'	EAST	855.18'	27"x45" RCP
		WEST	855.18'	27"x45" RCP

1010 East Washington Avenue,

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

BASE SURVEY BY WILLIAMSON SURVEYING SHEET ASSEMBLED BY GRAEF

GRAEF

1010 East Washington Avenue,
Suite 202
Madison, WI 53703
608 / 242 1550

www.graef-usa.com

UDC SUBMISSION 05/18/2026

NOT FOR CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

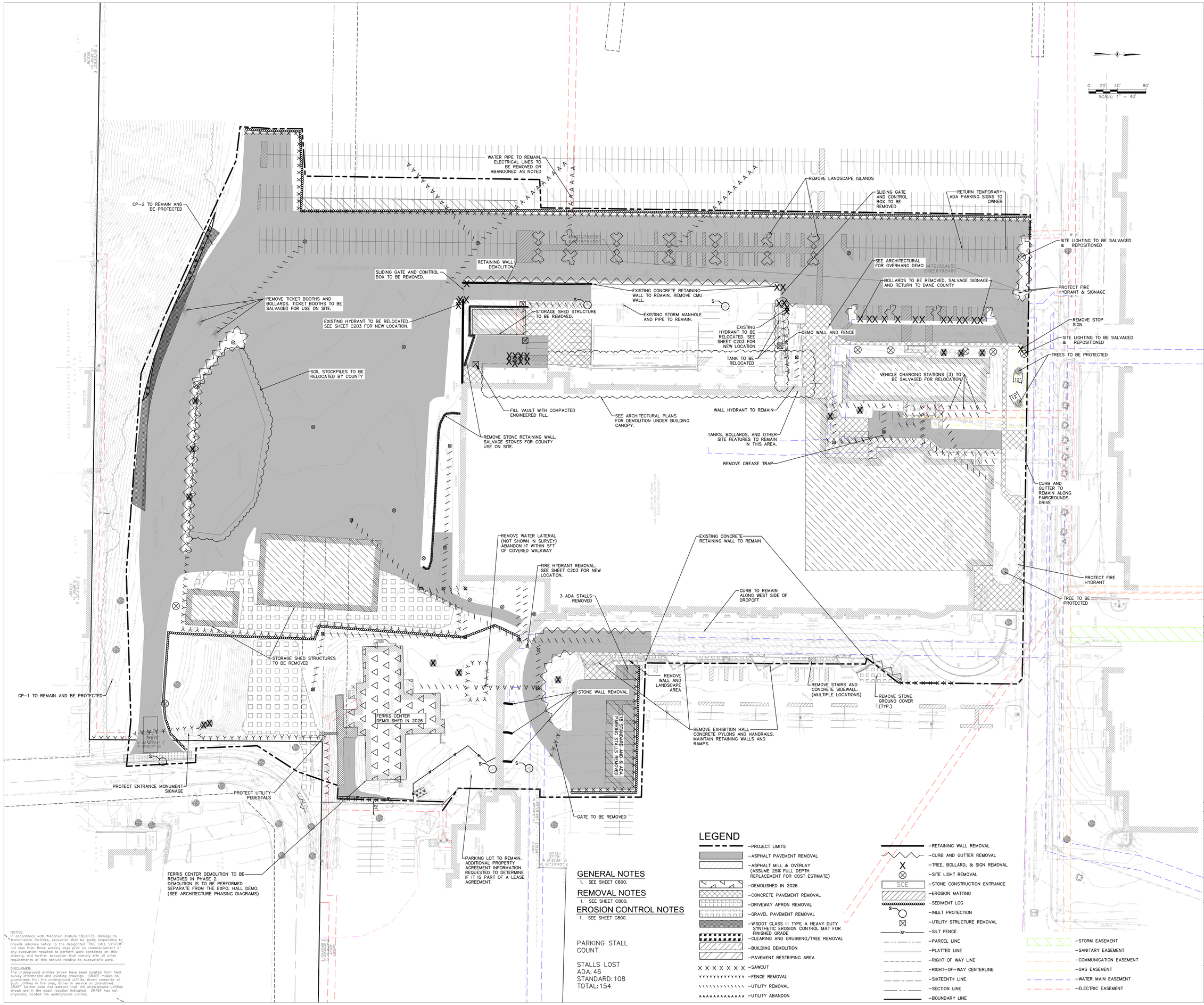
SHEET NAME

EXISTING CONDITIONS

SHEET NO.

C001

X:\MD\2025\2025101\02\Design\Civil\00 ExpoIC_00_C001 Existing Conditions_0102
5/15/2026 1:24 PM



GENERAL NOTES

1. SEE SHEET C800.

REMOVAL NOTES

1. SEE SHEET C800.

EROSION CONTROL NOTES

1. SEE SHEET C800.

PARKING STALL COUNT

STALLS LOST
ADA: 46
STANDARD: 108
TOTAL: 154

LEGEND

- PROJECT LIMITS
- ASPHALT PAVEMENT REMOVAL
- ASPHALT MILL & OVERLAY (ASSUME 25% FULL DEPTH REPLACEMENT FOR COST ESTIMATE)
- DEMOLISHED IN 2026
- CONCRETE PAVEMENT REMOVAL
- DRIVEWAY APRON REMOVAL
- GRAVEL PAVEMENT REMOVAL
- WISDOT CLASS III TYPE A HEAVY DUTY SYNTHETIC EROSION CONTROL MAT FOR FINISHED GRADE
- CLEARING AND GRUBBING/TREE REMOVAL
- BUILDING DEMOLITION
- PAVEMENT RESTRIPING AREA
- SAWCUT
- FENCE REMOVAL
- UTILITY REMOVAL
- UTILITY ABANDON
- RETAINING WALL REMOVAL
- CURB AND GUTTER REMOVAL
- TREE, BOLLARD, & SIGN REMOVAL
- SITE LIGHT REMOVAL
- STONE CONSTRUCTION ENTRANCE
- EROSION MATTING
- SEDIMENT LOG
- INLET PROTECTION
- UTILITY STRUCTURE REMOVAL
- SILT FENCE
- PARCEL LINE
- PLATTED LINE
- RIGHT OF WAY LINE
- RIGHT-OF-WAY CENTERLINE
- SIXTEENTH LINE
- SECTION LINE
- BOUNDARY LINE
- STORM EASEMENT
- SANITARY EASEMENT
- COMMUNICATION EASEMENT
- GAS EASEMENT
- WATER MAIN EASEMENT
- ELECTRIC EASEMENT

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

X:\MD\2025\2025102\Design\Civil\00 Expo\C_00_C101 Demo&EC_0102
5/15/2026 1:24 PM

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
MADISON, WI | WAUKESHA, WI
GRAEF
1010 East Washington Avenue,
Suite 202
Madison, WI 53703
608 / 242 1550
www.graef-usa.com

UDC SUBMISSION 05/18/2026

NOT FOR CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

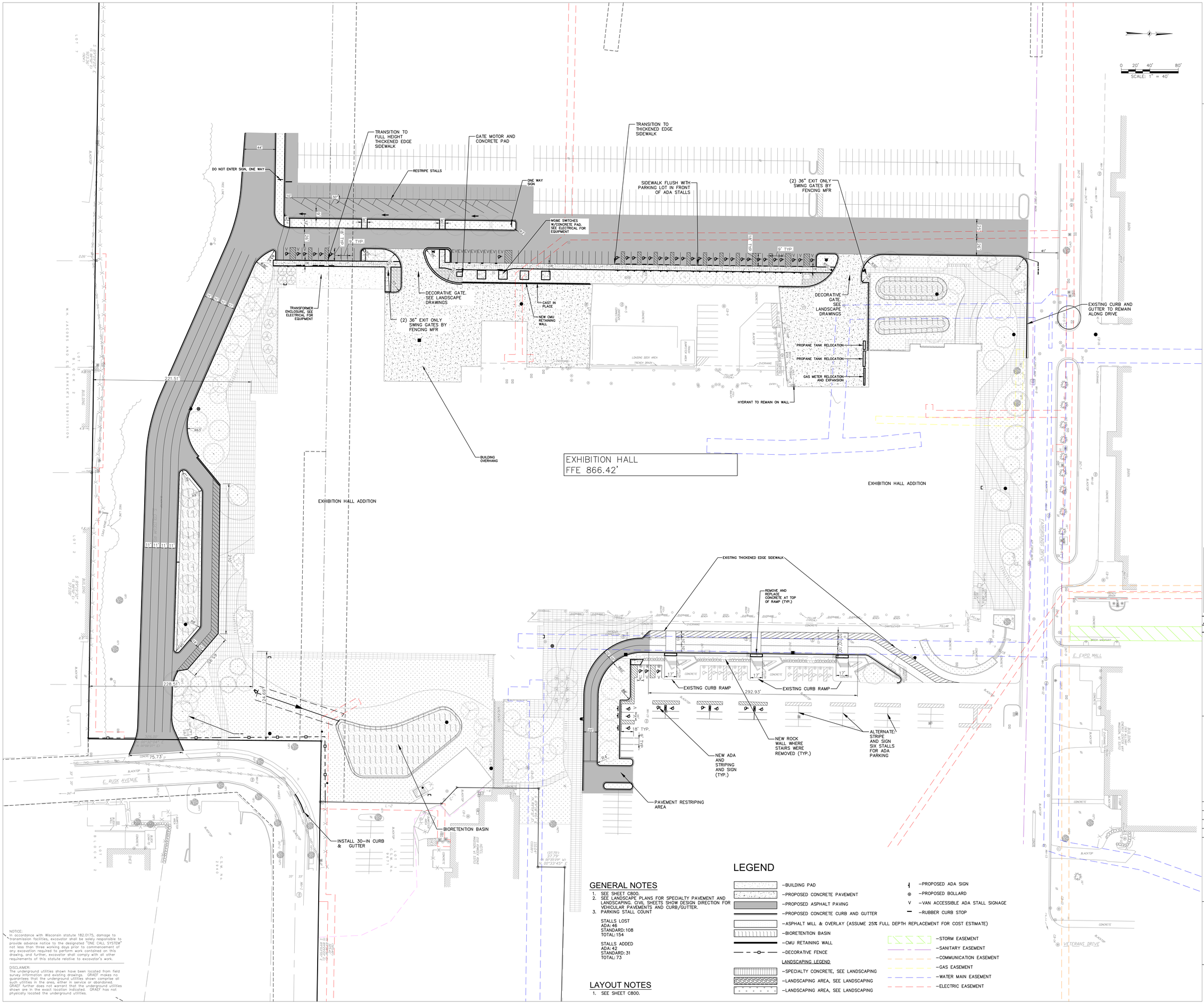
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

DEMOLITION & EROSION CONTROL

SHEET NO.

C101



GENERAL NOTES

1. SEE SHEET C800.
2. SEE LANDSCAPE PLANS FOR SPECIALTY PAVEMENT AND LANDSCAPING. CIVIL SHEETS SHOW DESIGN DIRECTION FOR VEHICULAR PAVEMENTS AND CURB/GUTTER.
3. PARKING STALL COUNT

   STALLS LOST
   ADA: 46
   STANDARD: 108
   TOTAL: 154

   STALLS ADDED
   ADA: 42
   STANDARD: 31
   TOTAL: 73

LAYOUT NOTES

1. SEE SHEET C800.

LEGEND

- BUILDING PAD
- PROPOSED CONCRETE PAVEMENT
- PROPOSED ASPHALT PAVING
- PROPOSED CONCRETE CURB AND GUTTER
- ASPHALT MILL & OVERLAY (ASSUME 25% FULL DEPTH REPLACEMENT FOR COST ESTIMATE)
- BIORETENTION BASIN
- CMU RETAINING WALL
- DECORATIVE FENCE

LANDSCAPING LEGEND

- SPECIALTY CONCRETE, SEE LANDSCAPING
- LANDSCAPING AREA, SEE LANDSCAPING
- LANDSCAPING AREA, SEE LANDSCAPING
- PROPOSED ADA SIGN
- PROPOSED BOLLARD
- VAN ACCESSIBLE ADA STALL SIGNAGE
- RUBBER CURB STOP
- STORM EASEMENT
- SANITARY EASEMENT
- COMMUNICATION EASEMENT
- GAS EASEMENT
- WATER MAIN EASEMENT
- ELECTRIC EASEMENT

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

X:\MD\2025\2025102\Design\Civil\00 Expo\C_00_C201 Site Layout Plan_0102
5/15/2026 1:24 PM

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

GRAEF
1010 East Washington Avenue,
Suite 202
Madison, WI 53703
608 / 242 1550
www.graef-usa.com

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

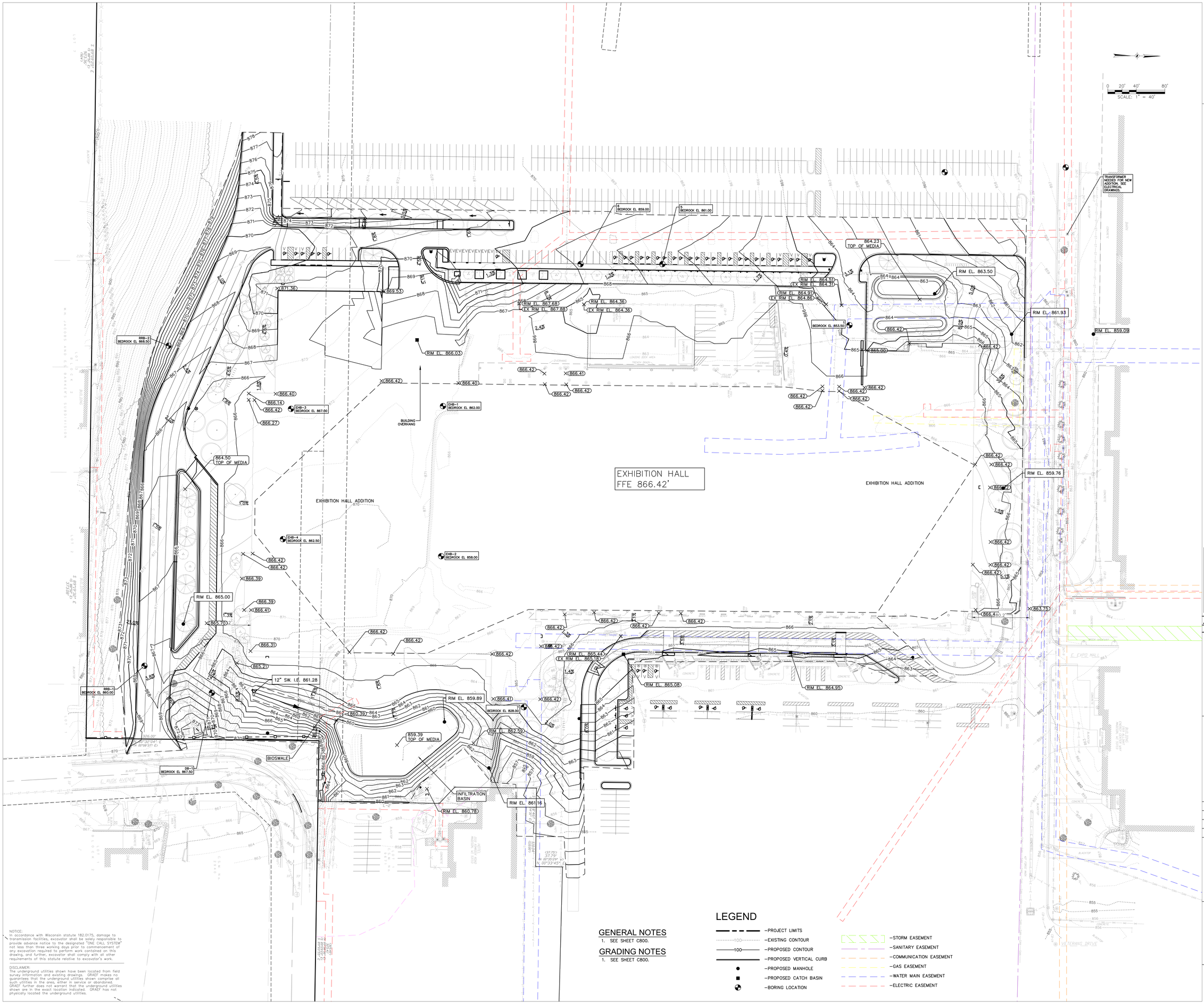
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

SITE LAYOUT PLAN

SHEET NO.

C201



GENERAL NOTES

1. SEE SHEET C800.

GRADING NOTES

1. SEE SHEET C800.

LEGEND

- –PROJECT LIMITS
- –EXISTING CONTOUR
- –PROPOSED CONTOUR
- –PROPOSED VERTICAL CURB
- –PROPOSED MANHOLE
- –PROPOSED CATCH BASIN
- –BORING LOCATION
- –STORM EASEMENT
- –SANITARY EASEMENT
- –COMMUNICATION EASEMENT
- –GAS EASEMENT
- –WATER MAIN EASEMENT
- –ELECTRIC EASEMENT

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

X:\MD\2025\25012502\Design\Civil\00 ExpoIC_00_C202 Grading Plan_0102
5/15/2026 1:24 PM

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

GRAEF
1010 East Washington Avenue,
Suite 202
Madison, WI 53703
608 / 242 1550

www.graef-usa.com

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

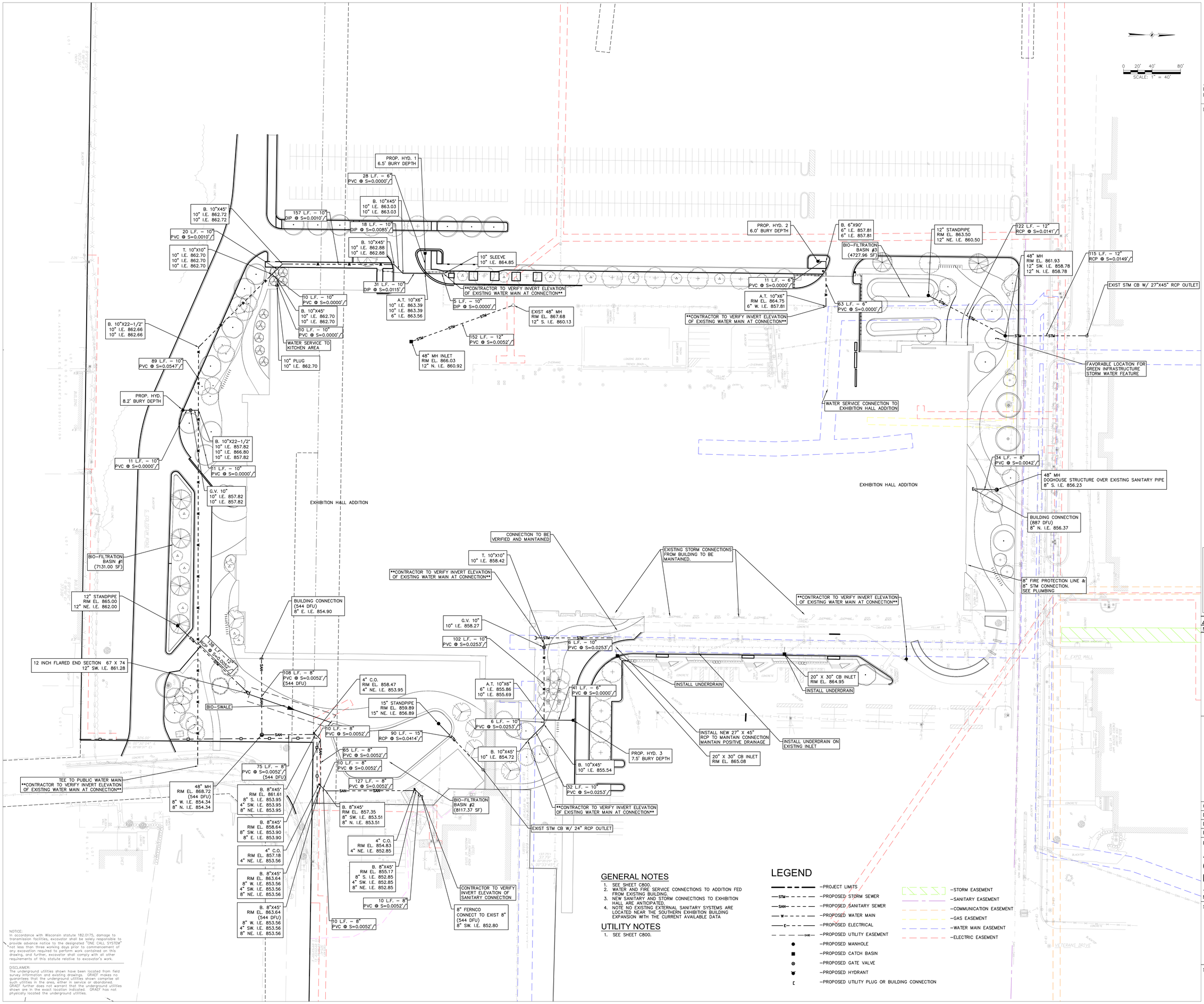
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

GRADING PLAN

SHEET NO.

C202



GENERAL NOTES

1. SEE SHEET C800.
2. WATER AND FIRE SERVICE CONNECTIONS TO ADDITION FED FROM EXISTING BUILDING.
3. NEW SANITARY AND STORM CONNECTIONS TO EXHIBITION HALL ARE ANTICIPATED.
4. NOTE NO EXISTING EXTERNAL SANITARY SYSTEMS ARE LOCATED NEAR THE SOUTHERN EXHIBITION BUILDING EXPANSION WITH THE CURRENT AVAILABLE DATA

UTILITY NOTES

1. SEE SHEET C800.

LEGEND

- –PROJECT LIMITS
- –PROPOSED STORM SEWER
- –PROPOSED SANITARY SEWER
- –PROPOSED WATER MAIN
- –PROPOSED ELECTRICAL
- –PROPOSED UTILITY EASEMENT
- –PROPOSED MANHOLE
- –PROPOSED CATCH BASIN
- –PROPOSED GATE VALVE
- –PROPOSED HYDRANT
- –PROPOSED UTILITY PLUG OR BUILDING CONNECTION
- –STORM EASEMENT
- –SANITARY EASEMENT
- –COMMUNICATION EASEMENT
- –GAS EASEMENT
- –WATER MAIN EASEMENT
- –ELECTRIC EASEMENT

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

X:\MD\2025\2025101\2025101202\Design\Civil\00 Expo\C_00_C203 Utility Plan_0102
5/15/2026 1:25 PM

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
MADISON, WI | WAUKESHA, WI
GRAEF
1010 East Washington Avenue,
Suite 202
Madison, WI 53703
608 / 242 1550
www.graef-usa.com

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

UTILITY PLAN

SHEET NO.

C203

GENERAL NOTES

1. SEE C800 FOR GENERAL NOTES
2. THE ROW IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANY TIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.
3. NO AERIAL ACCESS REQUIRED– EXEMPT PER IFC D105.1 1A AND 1B.

AERIAL ACCESS COVERAGE (25%MIN)	
TOTAL AERIAL ACCESS LENGTH:	847.2 LF
BUILDING ROOF PERIMETER:	3,300 LF ±
PERIMETER COVERAGE:	25.6%

LEGEND

- –BUILDING OVERHANG
- –HOSE LAY FROM HYDRANT (500' MAX.)
- –HOSE LAY FROM FIRE LANE (250' MAX.)
- –FIRE ACCESS LANE
- –AERIAL ACCESS

0 20' 40' 80'
SCALE: 1" = 40'

500' HOSE LAY FROM EXISTING HYDRANT
LOADING DOCK GATE, PROVIDE KNOX BOX
PROPOSED LOCATION OF RELOCATED HYDRANT
FDC
PROPOSED LOCATION OF HYDRANT
EXISTING HYDRANT
EXHIBITION HALL ADDITION
OVERHANG
AERIAL ACCESS LANE 370.87'
AERIAL ACCESS LANE 292.93'
410' HOSE LAY FROM EXISTING HYDRANT
440' HOSE LAY FROM PROPOSED HYDRANT
PROPOSED NEW HYDRANT #1
DEAD END LENGTH
VEHICLE GATE, PROVIDE KNOX BOX
APPROXIMATELY 70' LEFT TO HYDRANT NEAR CORNER OF RIMROCK RD AND RUSK AVE
E. RUSK AVENUE
E. EXPO MALL
VETERANS DRIVE

AERIAL ACCESS LANE OKAY IF DC100'
EL.914.42
SOUTH BUILDING ELEVATION 42' TALL FROM FFE
Elev=905.42'
Elev=866.42'
[914.42-865.32]^2+[D+6]^2=100^2
D=81.1'

AERIAL ACCESS LANE OKAY IF DC100'
EL.914.42
NORTH BUILDING ELEVATION 54' TALL FROM FFE
[914.42-863.75]^2+[D+6]^2=100^2
D=80.2'

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

X:\MD\2025\25015102\Design\Civil\00 Expo\C_00_C401 Fire Access Plan_0102
5/15/2026 1:25 PM

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

GRAEF
1010 East Washington Avenue,
Suite 202
Madison, WI 53703
608 / 242 1550
www.graef-usa.com

UDC SUBMISSION 05/18/2026

NOT FOR CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

FIRE ACCESS PLAN

SHEET NO.

C401

GENERAL NOTES

1. THE BASE SURVEY WAS PREPARED BY WILLIAMSON SURVEYING & ASSOCIATES, LLC IN MAY, 2025. 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 C001 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.

EROSION CONTROL NOTES

1. 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:
    1. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
    2. 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 EXCAVATION. ADJUST DIVERSION DITCHES AS NEEDED TO MAINTAIN DRAINAGE TO SEDIMENT BASIN.
    8. INSTALL UTILITIES. INSTALL INLET PROTECTION ON NEW INLETS. INSTALL RIPRAP AT NEW OUTFALLS.
    9. 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 ROADWAYS. ANY SEDIMENT REACHING A 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. SEE LANDSCAPE PLANS FOR PERMANENT SEED MIX
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.

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.

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 CITY ENGINEER.
8. CONTRACTOR SHALL PROVIDE DRAIN TILE AT ALL PROPOSED CATCH BASINS. SEE PLAN VIEW FOR DETAIL DESIGN INFORMATION.
9. RIM ELEVATIONS IN CURB AND GUTTER ARE FLANGE GRADES.
10. PIPE LENGTHS AND INVERTS ARE TO CENTER OF STRUCTURES.
11. CRUSHED STONE BACKFILL SHALL BE USED UNDER AND WITHIN 5' OF ALL PAVED AREAS.

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

X:\MD\2025\2025021\Design\Civil\00 Expo\C_00_C800 Construction Notes_0102
5/15/2026 1:25 PM

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

GRAEF

1010 East Washington Avenue,
Suite 202
Madison, WI 53703
608 / 242 1550

www.graef-usa.com

UDC SUBMISSION 05/18/2026

NOT FOR CONSTRUCTION

REVISIONS		
No.	DESCRIPTION	DATE

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

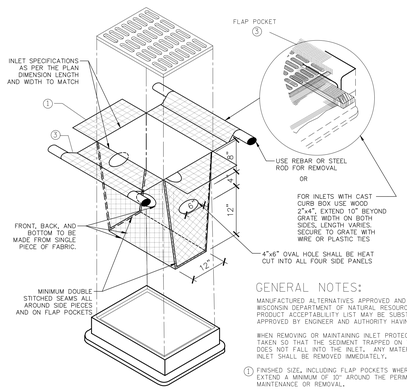
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

CONSTRUCTION NOTES

SHEET NO.

C800



GENERAL NOTES:

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED WHEN APPROVED BY ENGINEER AND AUTHORITY HAVING JURISDICTION.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

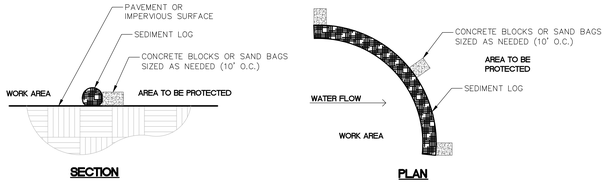
(1) FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 20" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

(2) FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES.THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

(3) FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

00 INLET PROTECTION

SCALE N.T.S.

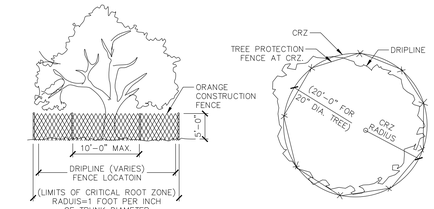


NOTES:

1. SEDIMENT LOGS SHALL BE FABRICATED FROM COMPACTED GEOTEXTILES, WOOD EXCELSIOR, COCONUT FIBERS, HARDWOOD MULCH, OR A MIXTURE OF THESE MATERIALS WITHIN FLEXIBLE TUBULAR NETTING.

00 SEDIMENT LOG FOR SEDIMENT CONTROL ON PAVEMENT

SCALE N.T.S.

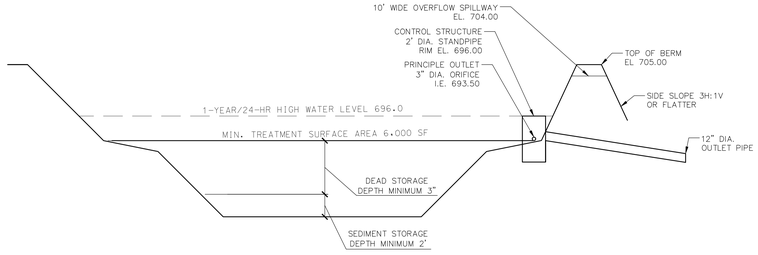


TREE PROTECTION FENCE – ORANGE CONSTRUCTION FENCE

1. ALL TREES SHOWN TO BE RETAINED WITHIN THE LIMITS OF CONSTRUCTION ON THE PLANS, SHALL BE PROTECTED DURING CONSTRUCTION WITH FENCING.
2. TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING, OR GRADING).
3. EROSION AND SEDIMENTATION CONTROL BARRIERS SHALL BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILD–UP WITHIN TREE DRIPLINES.
4. FENCES SHALL COMPLETELY SURROUND THE TREE OR CLUSTERS OF TREES, LOCATED AT THE OUTERMOST LIMITS OF THE TREE BRANCHES (DRIPLINE) OR CRITICAL ROOT ZONE (CRZ), WHICHEVER IS GREATER; AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROJECT.
5. ANY ROOTS EXPOSED BY CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL AND BACKFILLED WITH GOOD QUALITY TOP SOIL WITHIN TWO DAYS. IF EXPOSED ROOT AREAS CANNOT BE BACKFILLED WITHIN 2 DAYS, AN ORGANIC MATERIAL WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION SHALL BE PLACED TO COVER THE ROOTS UNTIL BACKFILL CAN OCCUR.
6. PRIOR TO EXCAVATION OR GRADE CUTTING WITHIN TREE DRIPLINES, A CLEAN CUT SHALL BE MADE WITH A ROCK SAW OR SIMILAR EQUIPMENT, TO MINIMIZE DAMAGE TO REMAINING ROOTS.
7. NO LANDSCAPE TOPSOIL DRESSING GREATER THAN FOUR (4) INCHES SHALL BE PERMITTED WITHIN THE DRIPLINE OR CRZ OF TREES, WHICHEVER IS GREATER. NO TOPSOIL IS PERMITTED ON ROOT FLARES OF ANY TREE.
8. PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC, AND CONSTRUCTION EQUIPMENT SHALL TAKE PLACE BEFORE CONSTRUCTION BEGINS. ALL PRUNING MUST BE DONE AS OUTLINED IN LITERATURE PROVIDED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA PRUNING TECHNIQUES).

00 TREE PROTECTION DETAIL

SCALE N.T.S.



00 TEMPORARY SEDIMENT BASIN

SCALE **N.T.S.**

00 STONE CONSTRUCTION ENTRANCE

SCALE N.T.S.

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
MADISON, WI | WAUKESHA, WI
GRAEF
1010 East Washington Avenue,
Suite 202
Madison, WI 53703
608 / 242 1550
www.graef-usa.com

UDC SUBMISSION 05/18/2026

NOT FOR CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

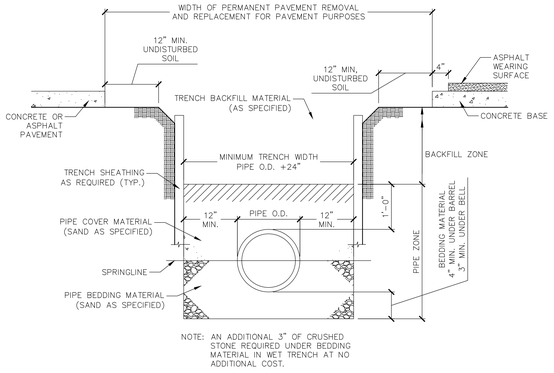
SHEET NAME

CONSTRUCTION DETAILS

SHEET NO.

C801

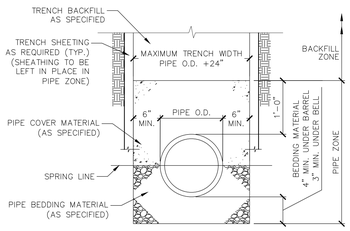
X:\MD\2025\2025102\Design\Civil\00 Expo\C_00_C801 Construction Details_0102
5/15/2026 1:25 PM



NOTE: AN ADDITIONAL 3" OF CRUSHED STONE REQUIRED UNDER BEDDING MATERIAL IN WET TRENCH AT NO ADDITIONAL COST.

00 WATER MAIN TRENCH DETAIL

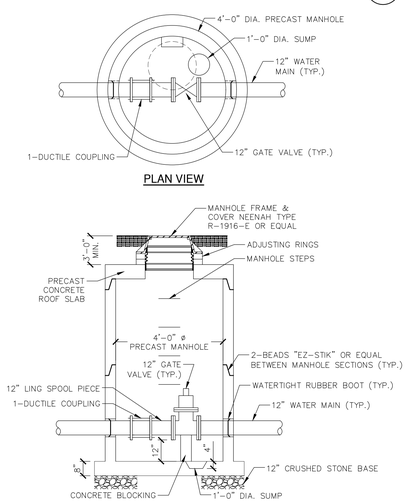
SCALE **N.T.S.**



NOTE: 3" OF ADDITIONAL BEDDING REQUIRED IN WET TRENCH AT NO ADDITIONAL COST.

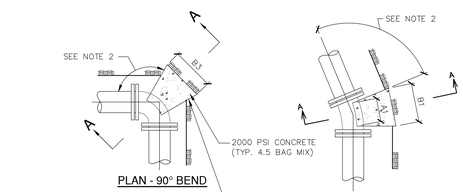
00 SANITARY SEWER

SCALE **N.T.S.**



00 VALVE MANHOLE DETAIL

SCALE **N.T.S.**

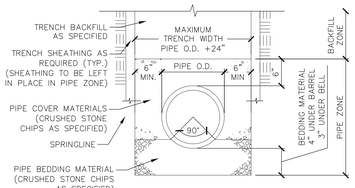


BUTTRESS DIMENSIONS						
PIPE SIZE	22-1/2° BENDS		45° BENDS		90° BENDS	
	B1	D1	B2	D2	B3	D3
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
16"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
20"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
24"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"
30"	3'-6"	3'-0"	5'-4"	3'-10"	8'-0"	4'-8"

NOTES:
1. DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 P.S.I. AND ON EARTH RESISTANCE OF 2 TONS PER SQ. FT.
2. DIMENSIONS C1, C2, C3, SHOULD BE LARGE ENOUGH TO MAKE ANGLE EQUAL TO OR LARGER THAN 45 DEGREES.
3. DIMENSIONS A1, A2, A3, SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHALL NOT COVER WITH M.J. BOLTS.
4. SHAPE OF BACK OF BUTTRESS MAY VARY AS LONG AS POUR IS AGAINST FIRM UNDISTURBED EARTH.
5. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.

00 CONCRETE BUTTRESS FOR BENDS

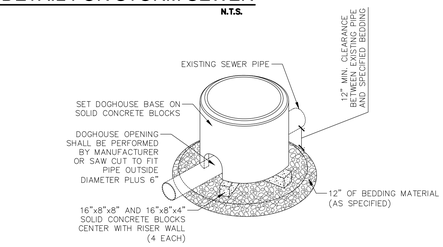
SCALE **N.T.S.**



NOTE: 3" OF ADDITIONAL CRUSHED STONE REQUIRED IN WET TRENCH AT NO ADDITIONAL COST.

00 CLASS "C" BEDDING DETAIL FOR STORM SEWER

SCALE **N.T.S.**

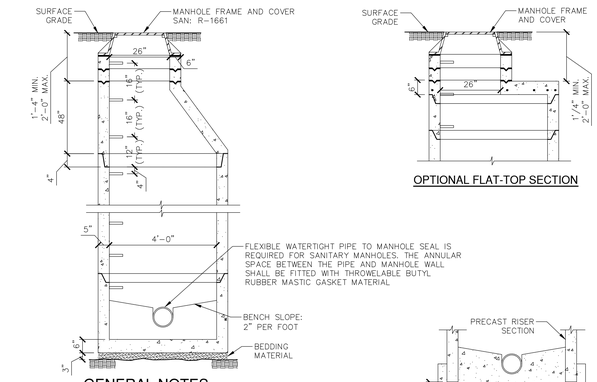


NOTES:

1. CONSTRUCT A FORMED INVERT FROM NEW SEWER LINE TO ALLOW FLOW TO THE EXISTING PIPE.
2. POUR SHELF TO THE LOWER HALF OF THE EXISTING PIPE.
3. CUT AND REMOVE THE TOP HALF OF THE EXISTING PIPE TO WITHIN 6" OF THE MANHOLE WALLS AFTER THE INVERT AND SHELF HAVE BEEN FORMED.

00 DOGHOUSE CONNECTION BASE

SCALE **N.T.S.**



FLAT TOP SLAB MAY BE USED FOR 5'-0" AND 6'-0" DIA. MANHOLES.

PRECAST CONCRETE ADJUSTING RINGS TO BE REINFORCED WITH ONE LINE OF STEEL CENTERED WITHIN THE RING. WHERE NECESSARY RINGS SHALL BE GROOVED TO RECEIVE STEP.

CONCRETE AND STEEL REINFORCEMENT SHALL CONFORM TO DESIGNATION C-478 REQUIREMENTS OF ASTM SPECIFICATIONS.

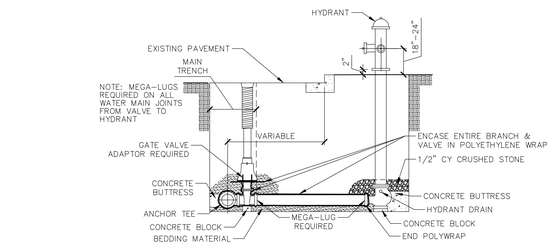
JOINTS SHALL BE WATERTIGHT AND SHALL BE MADE USING RUBBER GASKETS OR BUTYL RUBBER MASTIC MATERIAL.

AREA OF CIRCUMFERENTIAL STEEL = 0.12 SQ. INCH PER LINEAL FOOT.

3" BEDDING MATERIAL REQUIRED UNDER BASE. MANHOLES TO BE BACKFILLED WITH GRANULAR BACKFILL MATERIAL.

00 PRECAST MANHOLE

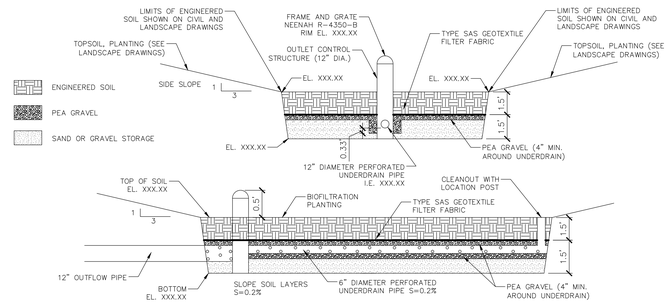
SCALE **N.T.S.**



SECTION VIEW

00 STANDARD HYDRANT SETTING

SCALE **N.T.S.**



THE SOIL SECTION FOR BIOSWALES SHOULD BE AS SHOWN IN THE ABOVE DETAIL FOR COST ESTIMATION PURPOSES.

00 BIO-FILTRATION BASIN

SCALE **N.T.S.**

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

X:\MD\2025\2025102\Design\Civil\00 Expo\C_00_C801 Construction Details_0102
5/15/2026 1:25 PM

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

GRAEF

1010 East Washington Avenue,
Suite 202
Madison, WI 53703
608 / 242 1550

www.graef-usa.com

UDC SUBMISSION 05/18/2026

NOT FOR CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

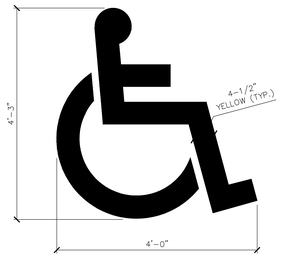
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

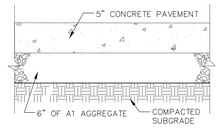
CONSTRUCTION DETAILS

SHEET NO.

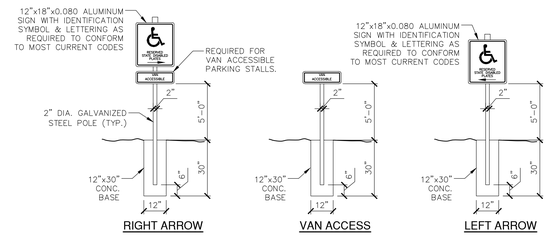
C802



00 PAVEMENT MARKING HANDICAP SYMBOL
SCALE N.T.S.

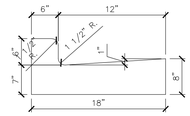


00 CONCRETE SIDEWALK
SCALE N.T.S.

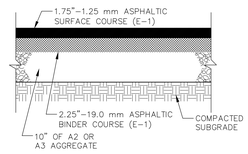


NOTES:
1. MOUNT SIGNS TO BOLLARD IN LOCATIONS WHERE FRONT OF STALLS ARE ADJACENT TO SIDEWALK

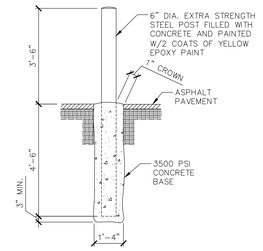
00 WHEELCHAIR ACCESSIBLE SIGNS
SCALE N.T.S.



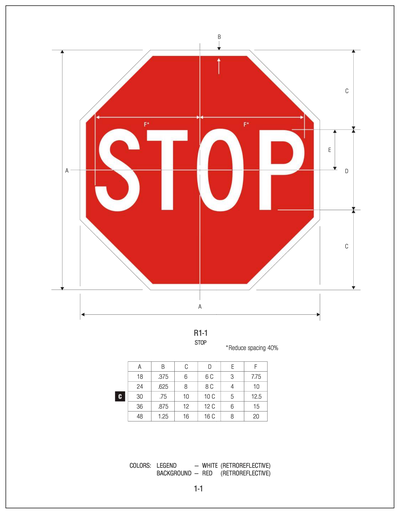
00 CONCRETE CURB & GUTTER
SCALE N.T.S.



00 HEAVY DUTY ASPHALT PAVEMENT
SCALE N.T.S.

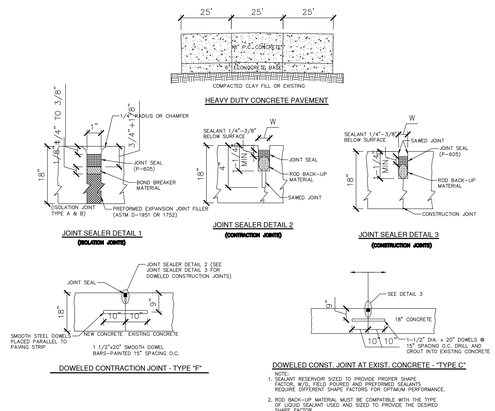


00 BOLLARD DETAIL
SCALE N.T.S.



	A	B	C	D	E	F
	18	.375	6	6 C	3	7.75
	24	.625	8	8 C	4	10
C	30	.75	10	10 C	5	12.5
	36	.875	12	12 C	6	15
	48	1.25	16	16 C	8	20

00 MUTCD R1-1 STOP SIGN
SCALE N.T.S.



NOTE:
1. SEALANT RESERVOIR SIZED TO PROVIDE PROPER SHAPE FACTOR, W/D, FIELD POURED AND PREFORMED SEALANTS REQUIRE DIFFERENT SHAPE FACTORS FOR OPTIMUM PERFORMANCE.
2. ROD BACK-UP MATERIAL MUST BE COMPATIBLE WITH THE TYPE OF LIQUID SEALANT USED AND SIZED TO PROVIDE THE DESIRED SHAPE FACTOR.

00 HEAVY DUTY CONCRETE PAVEMENT
SCALE N.T.S.

NOTICE:
In accordance with Wisconsin statute 182.0175, damage to transmission facilities, excavator shall be solely responsible to provide advance notice to the designated "ONE CALL SYSTEM" not less than three working days prior to commencement of any excavation required to perform work contained on this drawing, and further, excavator shall comply with all other requirements of this statute relative to excavator's work.

DISCLAIMER:
The underground utilities shown have been located from field survey information and existing drawings. GRAEF makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. GRAEF further does not warrant that the underground utilities shown are in the exact location indicated. GRAEF has not physically located the underground utilities.

X:\MD\2025\202501102\Design\Civil\00 Expo\C_00_C801 Construction Details_0102
5/15/2026 1:25 PM

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
MADISON, WI | WAUKESHA, WI
GRAEF
1010 East Washington Avenue,
Suite 202
Madison, WI 53703
608 / 242 1550
www.graef-usa.com

UDC SUBMISSION 05/18/2026

NOT FOR CONSTRUCTION

REVISIONS

No.	DESCRIPTION	DATE

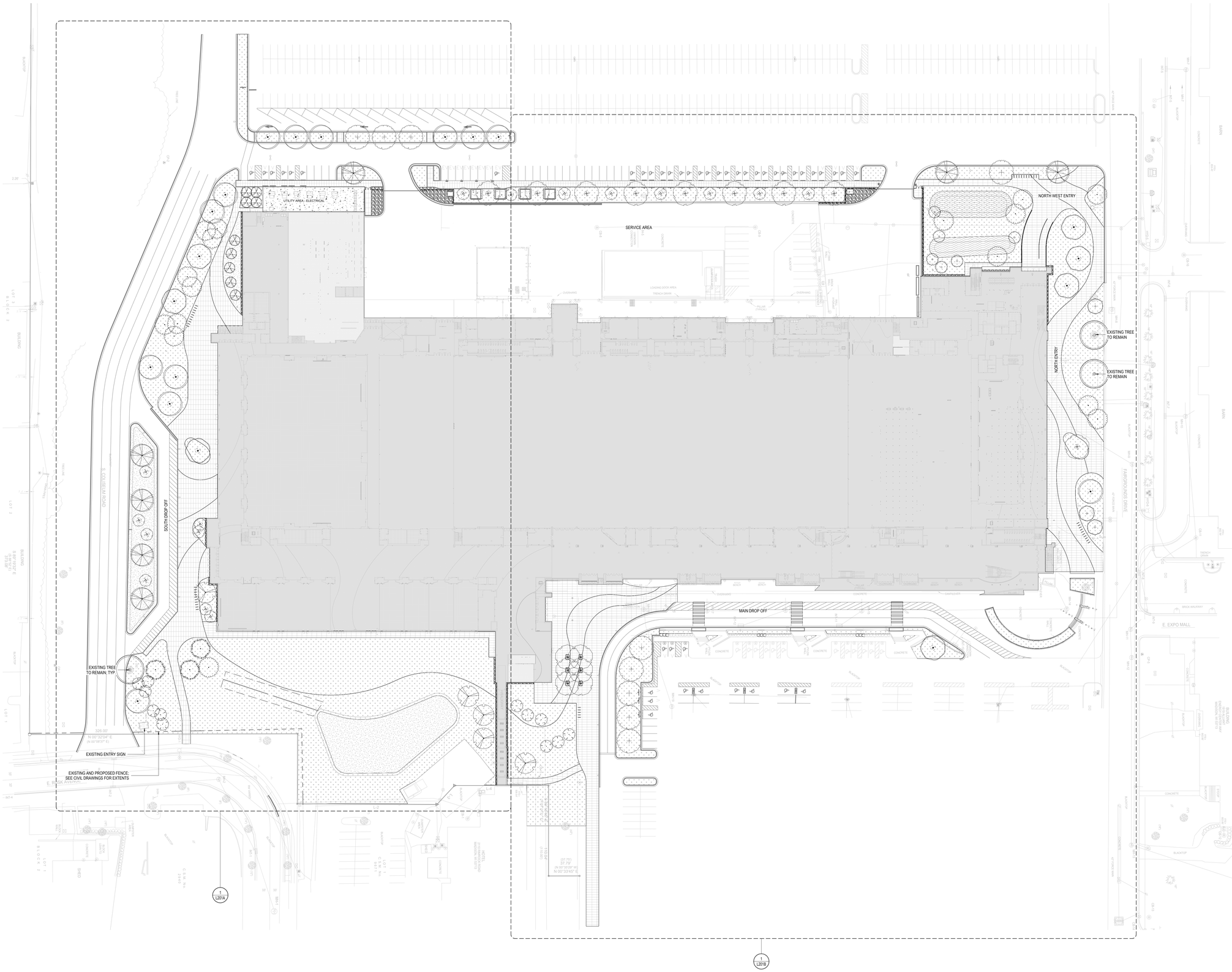
COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE
ALLIANT ENERGY CENTER - EXHIBITION EXPANSION
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME
CONSTRUCTION DETAILS

SHEET NO.
C803



1 OVERALL SITE PLAN
SCALE 1" = 40'-0"

Scale: 1" = 40'

0 10' 20' 40' 80'

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

Perkins&Will

475 Lincoln Street, Suite100
Denver, CO 80203
t 303.308.0200
www.perkinswill.com

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

LANDSCAPE GENERAL NOTES

1. WHERE MATERIALS ARE APPLIED TO, OR ARE IN DIRECT CONTACT WITH WORK INSTALLED BY ANOTHER SUBCONTRACTOR, COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE SUBSTRATE AS SUITABLE FOR THE APPLICATION INTENDED.
2. RE: CIVIL DRAWINGS FOR ALL SITE CONSTRUCTION INFORMATION INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
   - SITE UTILITIES
   - SITE GRADING AND DRAINAGE
   - ASPHALT AND CONCRETE DETAILS FOR VEHICULAR AREAS
   - PAVING MARKERS
   - CURB AND GUTTER DETAILS
   - PARKING BUMPERS
   - TRAFFIC SIGNAGE
   - PAVING STRIPING AND CURB MARKINGS
   - TYPICAL HANDICAP SIGNAGE/SPACES
   - STORMWATER DESIGN
3. RE: ELECTRICAL DRAWINGS FOR SITE INFORMATION INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
   - SITE LIGHT STANDARD SIZES
   - ELECTRICAL SLEEVING LOCATIONS AND SIZES
   - TELEPHONE AND CABLE T.V. PULL BOX LOCATIONS
   - ELECTRICAL MANHOLE LOCATIONS AND DETAILS
   - PULL BOX LOCATIONS AND SIZES FOR VARIOUS SITE LIGHTING ELEMENTS
   - EXTERIOR BUILDING ILLUMINATION AND UTILITY COORDINATION
4. SITE IRRIGATION SYSTEM IS TO BE DELEGATED DESIGN:
   - REFER TO SPECIFICATION SECTION 32 84 00 FOR PLANTING IRRIGATION DETAILS AND PLANTING IRRIGATION NOTES ON SHEETS.

MATERIAL & LAYOUT NOTES

1. REFER TO SPECIFICATIONS AND SHEET NOTES FOR MATERIAL MATCHING.
2. REFER TO CIVIL DRAWINGS FOR EASEMENT INFORMATION, GRADING PLAN, AND UTILITY DRAWINGS.
3. SEE CIVIL GRADING PLAN FOR ELEVATIONS OF PAVING AT TOP AND BOTTOM OF WALL; TOP OF WALL (TW) SHOWN IN LANDSCAPE DRAWINGS IS FOR TOP OF ARCHITECTURAL WALLS ONLY.
4. BASE TOPOGRAPHICAL AND EXISTING CONDITIONS AS SHOWN ON EXISTING CONDITIONS DRAWINGS.
5. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR LANDSCAPE ARCHITECTS APPROVAL OF ALL PRECAST WALLS, CUSTOM SITE ELEMENTS, AND WHERE SPECIFIED.
6. CONTRACTOR TO CONSTRUCT HARDSCAPE MATERIAL MOCKUP FOR LANDSCAPE ARCHITECTS APPROVAL. MOCK UP MUST SHOW ALL CONCRETE, PAVER, AND BRICK FINISHES AND BE MINIMUM 8'X8'.
7. UTILITY WORK IS NOT INDICATED ON THIS DRAWING. REFER TO GRADING AND DRAINAGE AND UTILITY PLANS (CIVIL DRAWINGS).
8. DO NOT SCALE THESE DRAWINGS.
9. DIMENSIONS ARE FROM BACK OF CURB, TO FACE OF WALL, TO OUTSIDE EDGE OF PAVEMENTS; FROM COLUMN CENTERLINES TO HARDSCAPE CENTERLINES, TO CENTERLINE OF PAVEMENTS, TO OUTSIDE EDGE OF PAVEMENTS, TO CENTERLINES OF STAIRS; FROM EDGE OF PAVEMENT TO FACE OF WALL.
10. ALL CURVES TO BE TRUE RADII WITHOUT STRAIGHT SEGMENTS.
11. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
12. ALL WALLS, COLUMNS, SIDEWALKS, PATHWAYS, FENCES, AND STAIRWAYS SHALL BE COMPLETELY LAID OUT AND STAKED WITH VISIBLE MARKERS. THE STAKES SHALL BE APPROVED IN THE FIELD BY OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE 48 HOURS PRIOR TO SITE VISIT.

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	221929.000

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION DD PHASE

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

LANDSCAPE SITE PLAN

SHEET NO.

L201

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

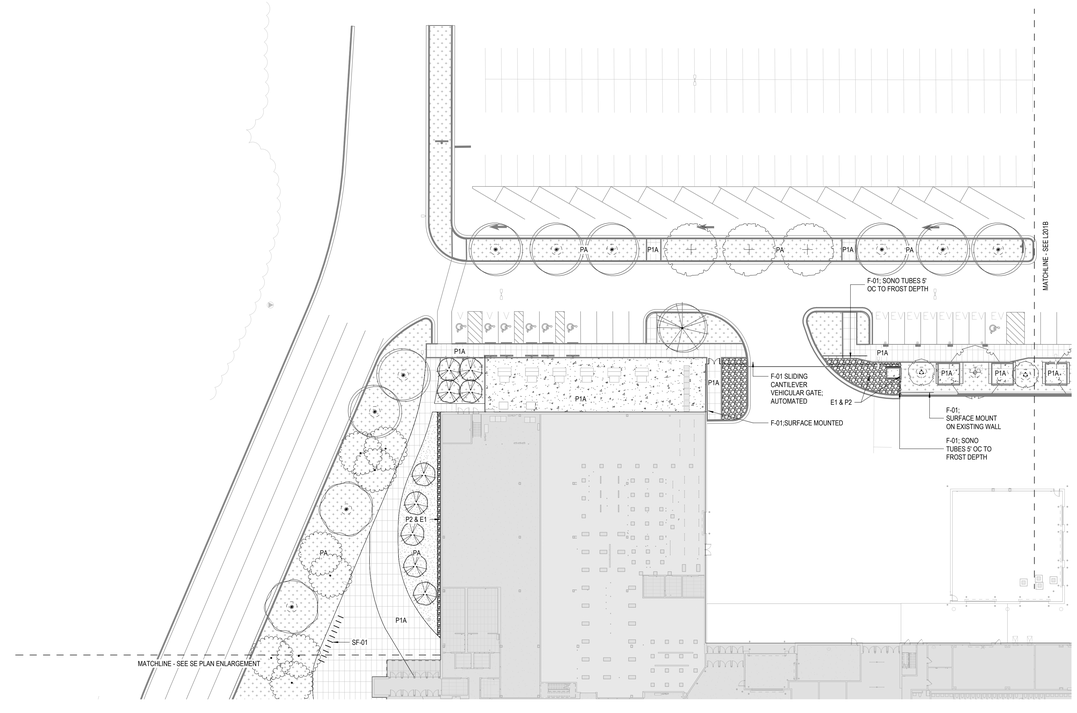
Perkins&Will

475 Lincoln Street, Suite100
Denver, CO 80203
t 303.308.0200
www.perkinswill.com



1 MATERIAL PLAN - ENLARGEMENT SE
SCALE 1" = 30'-0"

0 8' 15' 30' 60'
Scale: 1" = 30'



2 MATERIAL PLAN - ENLARGEMENT SW
SCALE 1" = 30'-0"

0 8' 15' 30' 60'
Scale: 1" = 30'

MATERIAL SCHEDULE

MATERIAL CODE	MATERIAL	DETAIL	NOTES	QUANTITY
PAVING TYPE				
P1A	CAST IN PLACE CONCRETE PAVING - PEDESTRIAN	SEE LB01	SAW CUT JOINTS, EXPANSION JOINTS, FINISH TYPE 01 (BROOM FINISH)	SEE PLAN
P1B	CAST IN PLACE CONCRETE PAVING - PEDESTRIAN	SEE LB01	SAW CUT JOINTS, EXPANSION JOINTS, FINISH TYPE 02 (LIGHT EXPOSED)	SEE PLAN
P2	TRAPP ROCK	SEE LB01	1" CLEAR TRAP ROCK	
PA	PLANTING AREAS	SEE L202A / L202B		SEE PLAN
EDGING				
E1	ALUMINUM L-SHAPE	SEE LB01	USED AS PART OF P2 PAVING ASSEMBLY	SEE PLAN
SITE ELEMENTS				
BO-01	BOLLARD TYPE 01 - FIXED	SEE LB01	CAMPUS STANDARD	SEE PLAN
F-01	FENCE	SEE LB01	AMETCO 'ECLIPSE' ALUMINUM FENCE, 6' HEIGHT. INCLUDE SLIDING GATES NORTH DRIVEWAY EGRESS (2 LOCATIONS). SURFACE MOUNTED, ASSUME 14" DIAMETER SONO TUBE FOOTINGS TO FROST DEPTH WHERE EXISTING FOOTING OR WALLS DOES NOT EXIST.	SEE PLAN
F-02	FENCE	SEE LB01	ALUMINUM PICKET FENCE TO MATCH EXISTING ON SITE. INCLUDE SECURITY GATES. INCLUDE SONO TUBE FOOTINGS FOR LAWN / PLANTED LOCATIONS TO FROST DEPTH.	
HR-01	SS HANDRAIL	SEE LB01	SS HANDRAIL, SURFACE MOUNTED	
HR-02	GALANIZED GUARDRAIL		SURFACE MOUNTED HOT DIPPED GALVANIZED GUARDRAIL TO REPLACE EXISTING	SEE PLAN
SF-01	BICYCLE RACK	SEE LB01		20
SF-02	TRASH / RECYCLING CANS	SEE LB01	CAMPUS STANDARD	
SF-03	TREE GRATE	SEE LB01	48" x 76" R-8811 BOULEVARD TREE GRATE BY RELIANCE FOUNDRY	
IRRIGATION & WATER SUPPLY				
HB	HOSE BIB		ASSUME (4) LOCATIONS ON NEW BUILDING FACES, LOCKABLE COVERS	

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	221929.000

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION DD PHASE

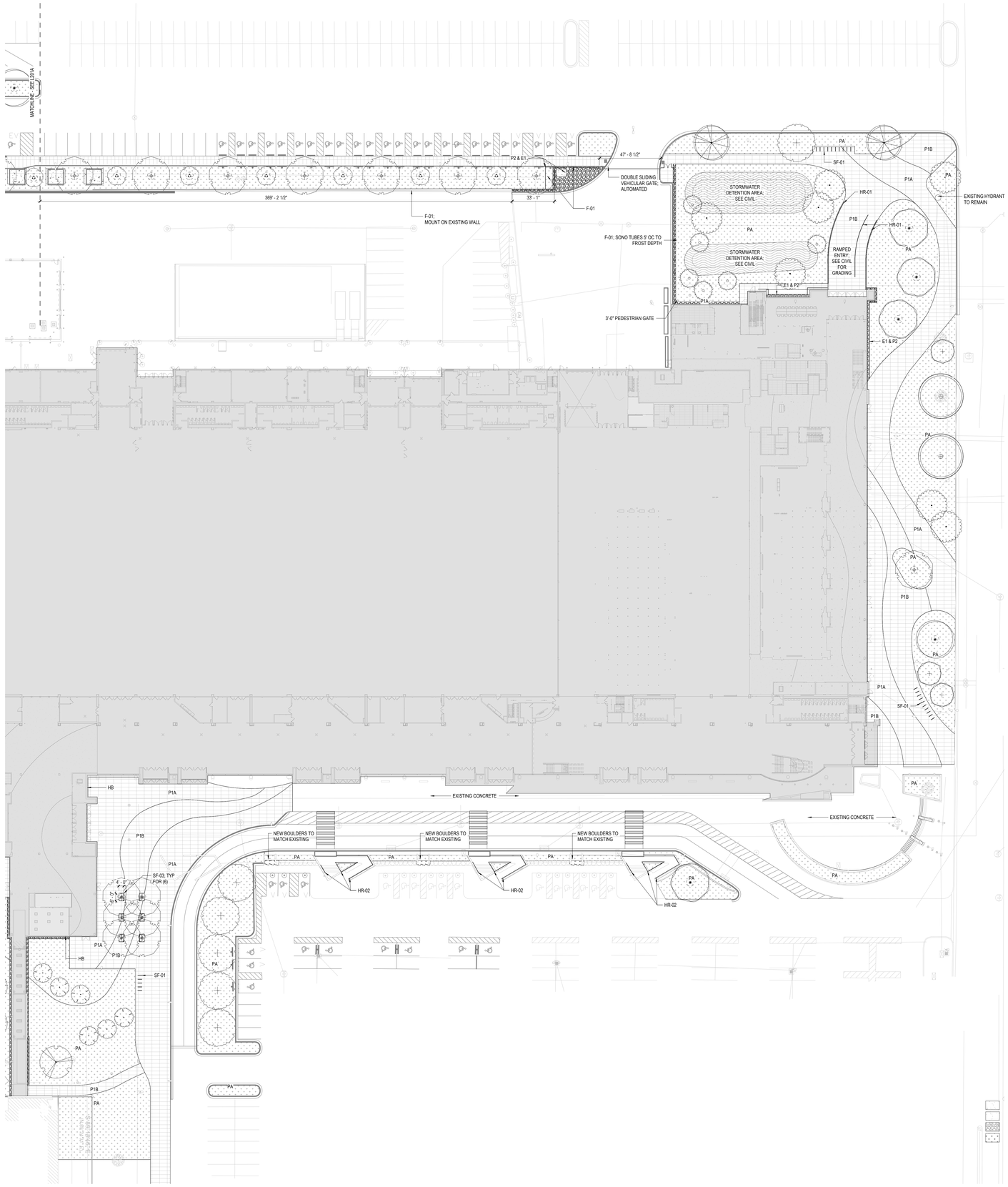
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

LANDSCAPE SITE PLAN

SHEET NO.

L201A



1 MATERIAL PLAN - ENLARGEMENT N
SCALE 1" = 30'-0"

0 8' 15' 30' 60'
Scale: 1" = 30'

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

Perkins&Will

475 Lincoln Street, Suite100
Denver, CO 80203
t 303.308.0200
www.perkinswill.com

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	221929.000

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION DD PHASE

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

LANDSCAPE SITE PLAN

SHEET NO.

L201B

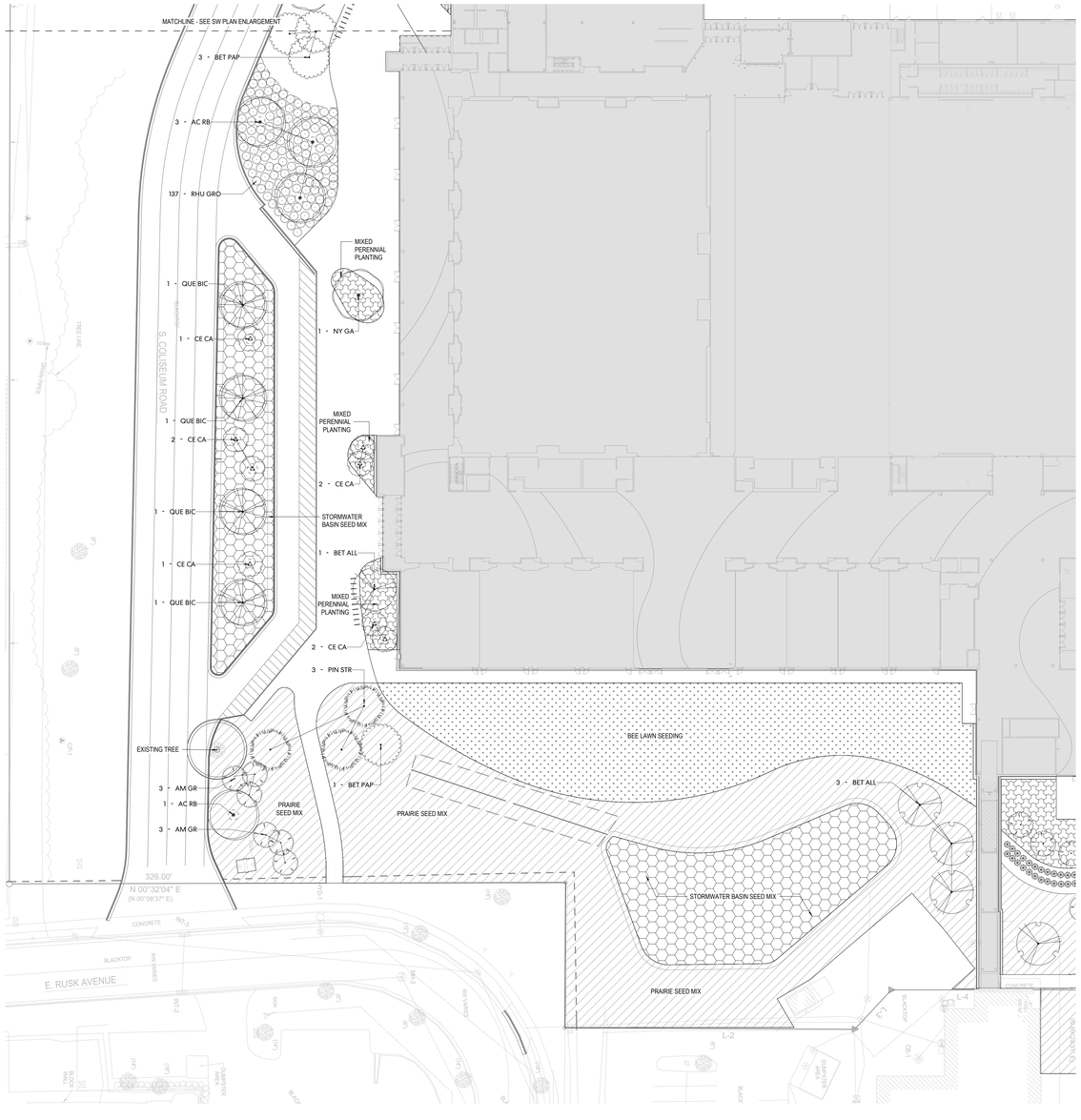
STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

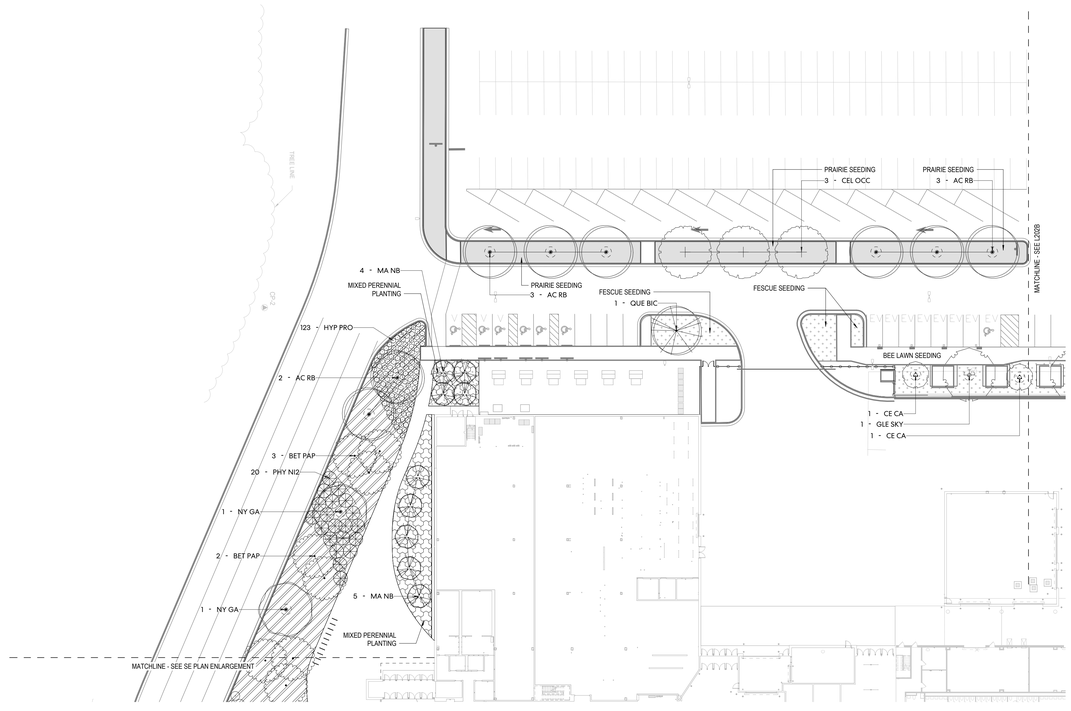
Perkins&Will

475 Lincoln Street, Suite100
Denver, CO 80203
t 303.308.0200
www.perkinswill.com



1 PLANTING PLAN - ENLARGEMENT SE
SCALE 1" = 30'-0"

Scale: 1" = 30'



2 PLANTING PLAN - ENLARGEMENT SW
SCALE 1" = 30'-0"

Scale: 1" = 30'

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

1	Pricing Supplement #1	01/09/2026

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	221929.000

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION DD PHASE

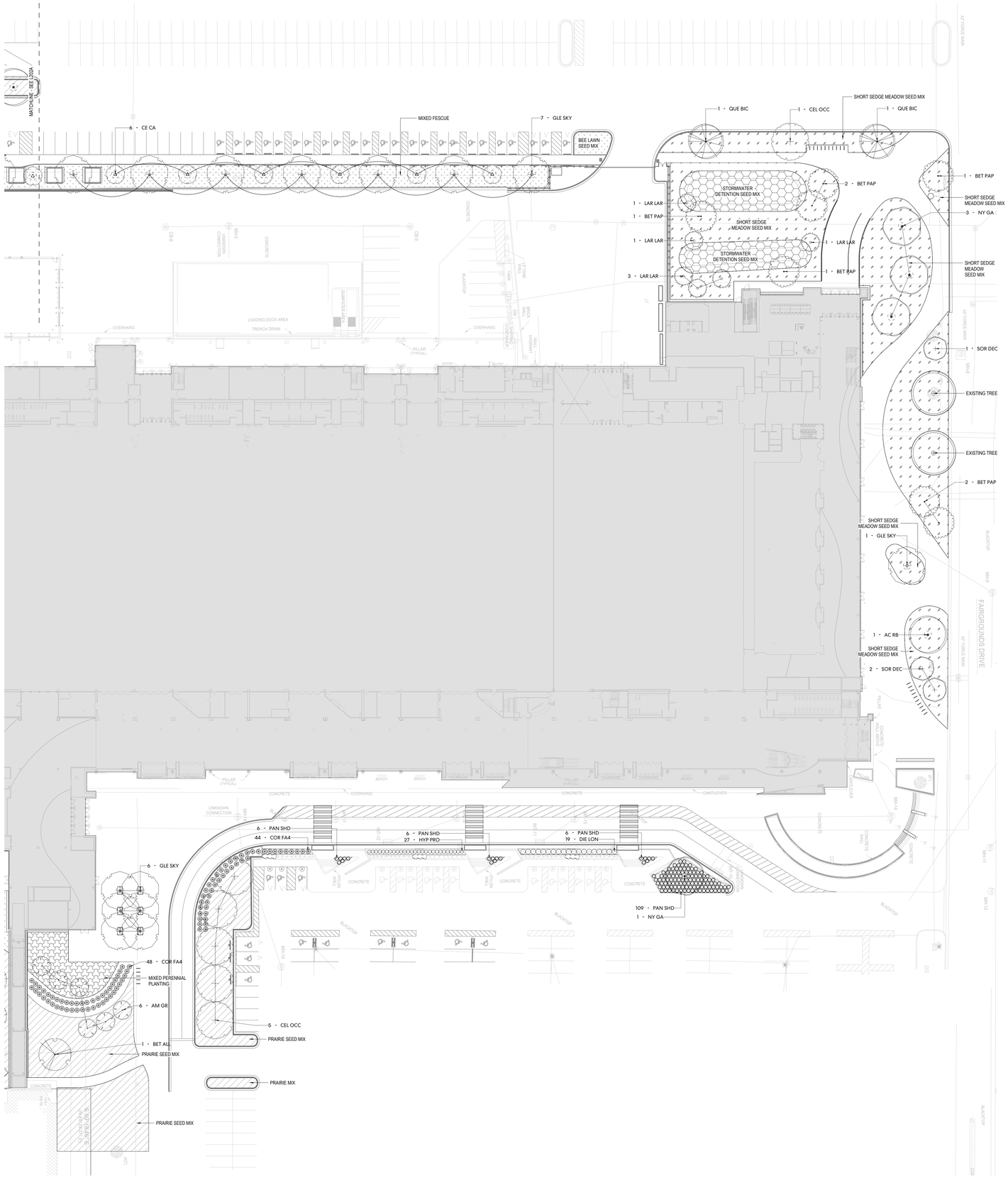
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

PLANTING PLAN

SHEET NO.

L202A



11-Mar-26

CITY OF MADISON SITE PLAN APPROVAL - LANDSCAPE POINTS				
PLANT TYPE / ELEMENT	**MIN. SIZE AT INSTALLATION**	**POINTS**	**QUANTITY**	**POINTS ACHIEVED**
OVERSTORY DECIDUOUS TREE	2.5" CALIPER MIN	35	78	2730
TALL EVERGREEN TREE	5-6'	35	3	105
ORNAMENTAL TREE	1.5" CALIPER	15	40	600
UPRIGHT EVERGREEN SHRUB	3-4'	10	0	0
SHRUB, DECIDUOUS	#3 CONTAINER, MIN 12"-24"	3	419	1257
SHRUB, EVERGREEN	#3 CONTAINER, MIN 12"-24"	4		0
ORNAMENTAL GRASSES / PERENNIALS	#1 CONTAINER, MIN 8"-18"	2	1300	2600
		TOTAL POINTS		***7292***

	SF	***ACRES***
Total square footage of development area	913,000	20.96
Building Footprint	409,710	
Total Site Area	503,290	11.55

TOTAL LANDSCAPE POINTS REQUIRED

Calculation B - lots over (5) acres

Total square footage of developed area	503,290	
first five (5) acres	217,800	3,630
Remainder of developed area	285,490	952
	POINTS REQUIRED	***4,582***

Plant Schedule

Symbol	Plant Code	Botanical Name	Common Name	Count	LAFX Field2	LAFX Field1	LAFX Field6
Coniferous Trees							
	PIN STR	Pinus strobus	White Pine	3	10' TALL	B&B	
				3			
Deciduous Trees							
	AC RB	Acer rubrum	Red Maple	13	3" CAL.	B&B	
	BET ALL	Betula alleghaniensis	Yellow Birch	5	3" CAL.	B&B	
	BET PAP	Betula papyrifera	Paper Birch	16	2.5" CAL.	B&B	
	CEL OCC	Celtis occidentalis	Common Hackberry	9	2.5" CAL.	B&B	
	GLE SKY	Gleditsia triacanthos inermis `Skyline`	Skyline Honey Locust	15	3" CAL.	B&B	
	LAR LAR	Larix laricina	Tamarack	6	6' TALL	B&B	
	NY GA	Nyssa sylvatica `NSUHH`	Green Gable™ Tupelo	7	3" CAL.	B&B	
	QUE BIC	Quercus bicolor	Swamp White Oak	7	3" CAL.	B&B	
				78			
Flowering Trees							
	AM GR	Amelanchier x grandiflora `Autumn Brilliance`	Autumn Brilliance Apple Serviceberry	12	8'	B&B	MULTI-STEM
	CE CA	Cercis canadensis	Eastern Redbud	16	8' TALL	B&B	MULTI-STEM
	MA NB	Magnolia virginiana 'Northern Belle'	Northern Belle Sweetbay Magnolia	9	8' TALL	B&B	MULTI-STEM
	SOR DEC	Sorbus decora	Showy Mountain Ash	3	2" CAL.	B&B	
				40			
Grasses and Perennials							
	PAN SHD	Panicum virgatum `Shenandoah`	Shenandoah Switch Grass	127		1 GAL.	
				127			
Shrubs							
	COR FA4	Cornus sericea `Farrow`	Arctic Fire® Red Twig Dogwood	92		2 GAL.	
	DIE LON	Diervilla lonicera	Bush Honeysuckle	20		2 GAL.	
	HYP PRO	Hypericum prolificum	Shrubby St. John`s Wort	150		2 GAL.	
	PHY NI2	Physocarpus opulifolius	Ninebark	20		2 GAL.	
	RHU GRO	Rhus aromatica `Gro-Low`	Gro-Low Fragrant Sumac	137		3 GAL.	
				419			

PLANT SCHEDULE 260107

PERENNIALS						
CODE	*LATIN NAME*	*COMMON NAME*	*QUANTITY*	*SIZE*	*SPACING*	*NOTES*
MIXED PERENNIALS			1500 (1 GALLON) 520 (PLUGS)			7000 SF
	Achillea millefolium	Common Yarrow		1 GALLON	24" OC	
	Amsonia hubrichtii	Arkansas Bluestar		1 GALLON	24" OC	
	Boutelaua gracilis	Blue Grama 'Blonde Ambition'		1 GALLON	24" OC	
	Carex Pennsylvanica	Pennsylvania Sedge		1 GALLON	24" OC	
	Echinacea purpurea	Eastern Purple Coneflower		1 GALLON	24" OC	
	Panicum virgatum	Switchgrass		1 GALLON	24" OC	
	Sporobolus Heterolepis	Prairie Dropseed		1 GALLON	24" OC	
	Allium stellatum	Prairie Onion		PLUG	24" OC	
	Artemisia ludoviciana	Prairie Sage		PLUG	24" OC	
	Liatris aspera	Rough Blazing Star		PLUG	24" OC	

SEED MIX				
SEED MIX TYPE	*SUPPLIER*	*AREA (SF)*	*SEEDING RATE*	*NOTES*
MIXED HEIGHT PRAIRIE	PRAIRIE MOON NURSERY	59,500	12.90 lbs per acre	
SHORT SEDGE MEADOW	PRAIRIE MOON NURSERY	25,500	7.46 lbs per acre	
STORMWATER BASIN MIX	MNL CORP	16,060	9.56 lbs per acre	
MIXED FESCUE	MNL CORP	29,900	5 lbs per 1000 SF	

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

Perkins&Will

475 Lincoln Street, Suite100
Denver, CO 80203
t 303.308.0200
www.perkinswill.com

UDC SUBMISSION 05/18/2026

NOT FOR CONSTRUCTION

1	Pricing Supplement #1	01/09/2026

COPYRIGHT STRANG, INC.	2026
DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	221929.000

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION DD PHASE

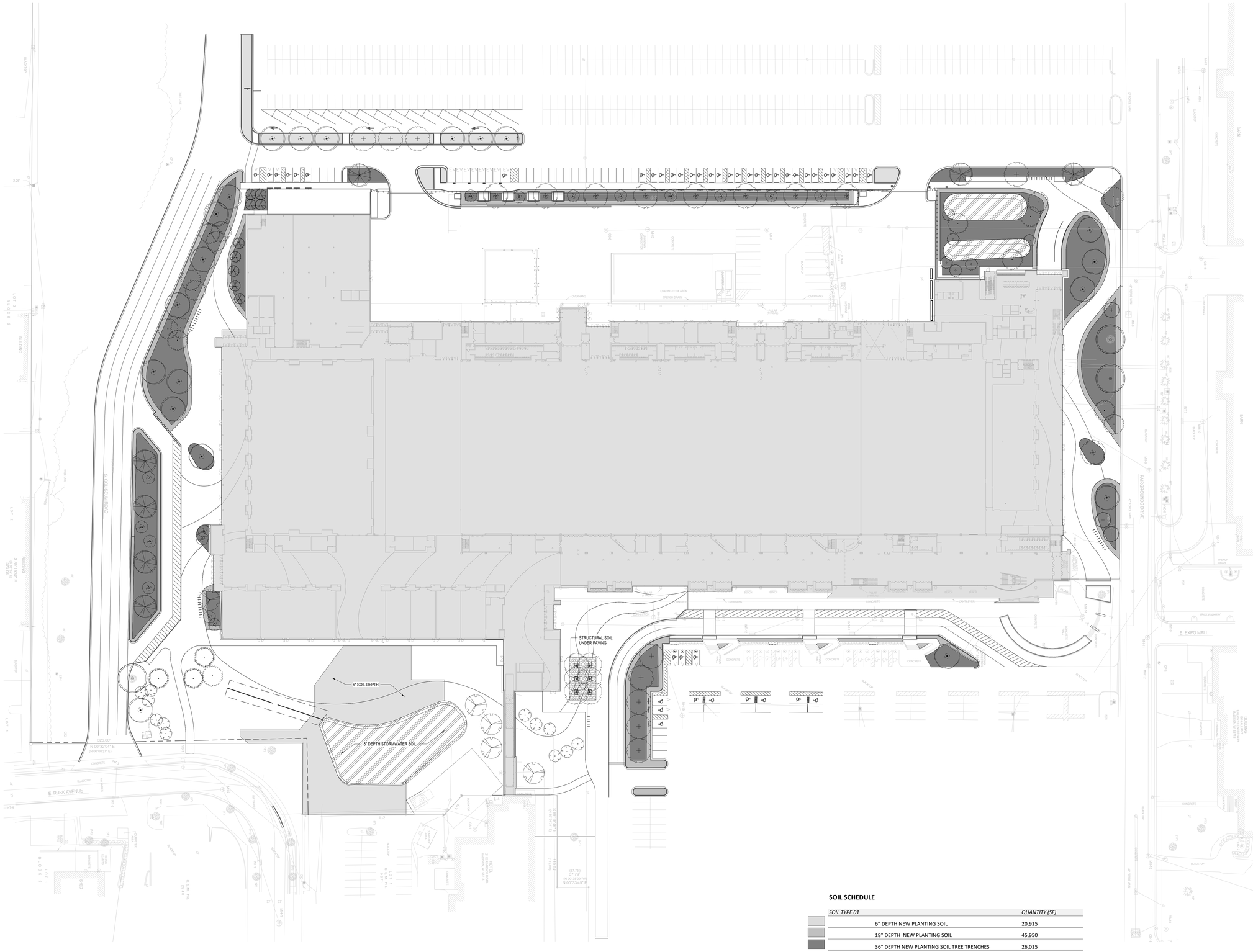
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

PLANTING PLAN

SHEET NO.

L202B



SOIL SCHEDULE

SOIL TYPE 01	QUANTITY (SF)
6" DEPTH NEW PLANTING SOIL	20,915
18" DEPTH NEW PLANTING SOIL	45,950
36" DEPTH NEW PLANTING SOIL TREE TRENCHES	26,015
SOIL TYPE 02 - STORMWATER BMPS	
18" DEPTH NEW PLANTING SOIL	16,060
SOIL TYPE 03 - STRUCTURAL SOIL	
36" DEPTH	1,635

1 OVERALL SOILS PLAN
SCALE: 1" = 40'-0"

0 10' 20' 40' 80'
Scale: 1" = 40'

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

Perkins&Will

475 Lincoln Street, Suite100
Denver, CO 80203
t 303.308.0200
www.perkinswill.com

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

1	Pricing Supplement #1	01/09/2026

COPYRIGHT STRANG, INC. 2026

DRAWING SET: UDC - PRE
DATE: 05/18/2026
PROJECT NO.: 221929.000

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION DD PHASE

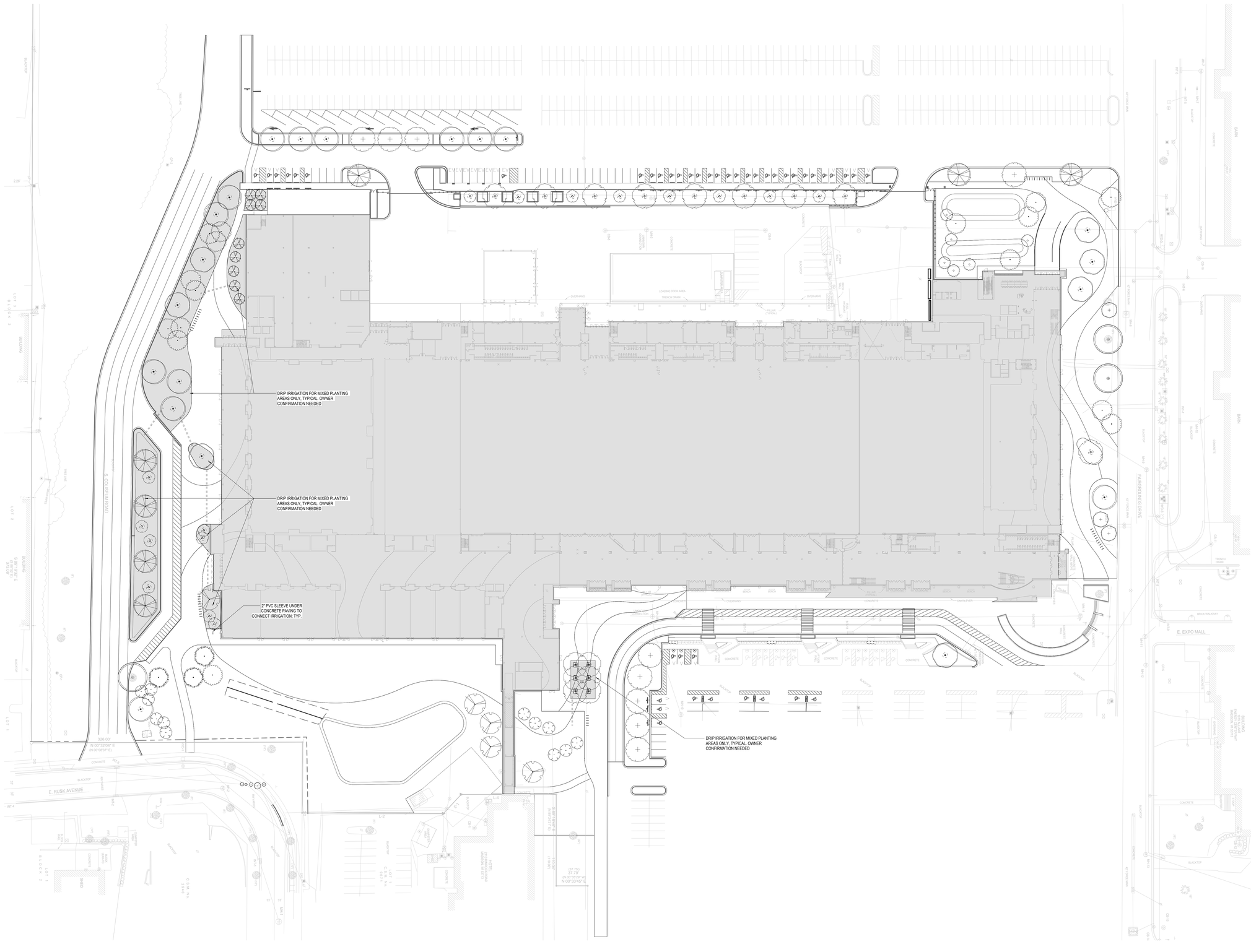
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

SOILS PLAN

SHEET NO.

L203



1 OVERALL IRRIGATION PLAN
SCALE 1" = 40'-0"

0 10' 20' 40' 80'
Scale: 1" = 40'

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

Perkins&Will

475 Lincoln Street, Suite100
Denver, CO 80203
t 303.308.0200
www.perkinswill.com

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	221929.000

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION DD PHASE

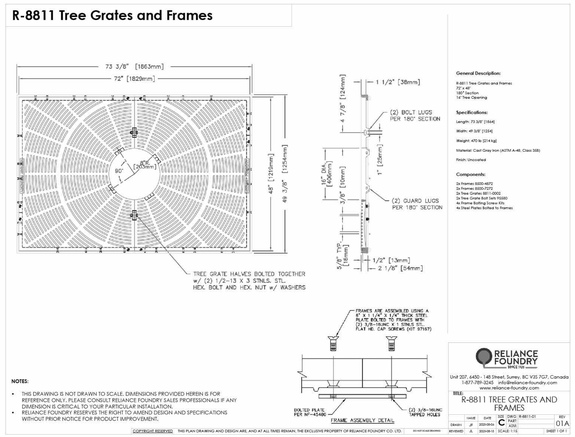
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

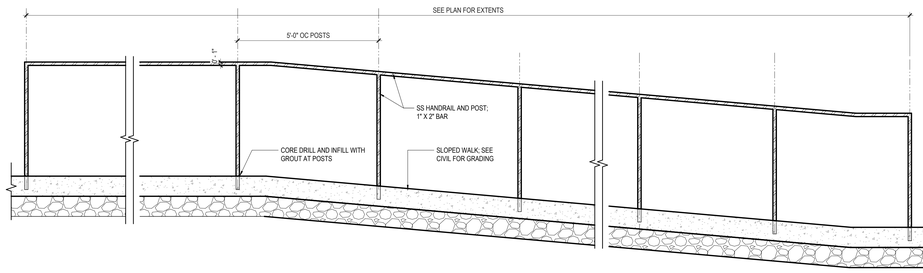
IRRIGATION PLAN

SHEET NO.

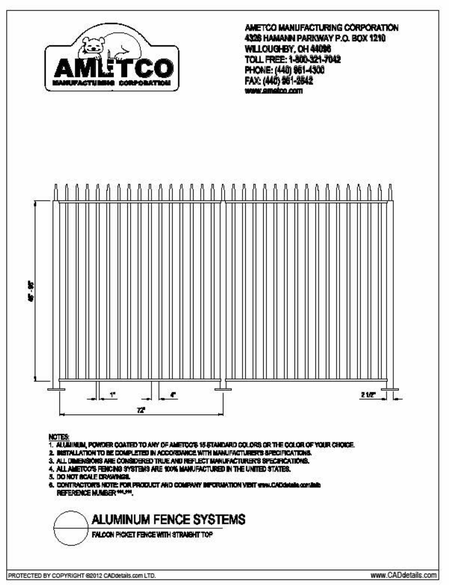
L204



9 SF-03
SCALE 3" = 1'-0"

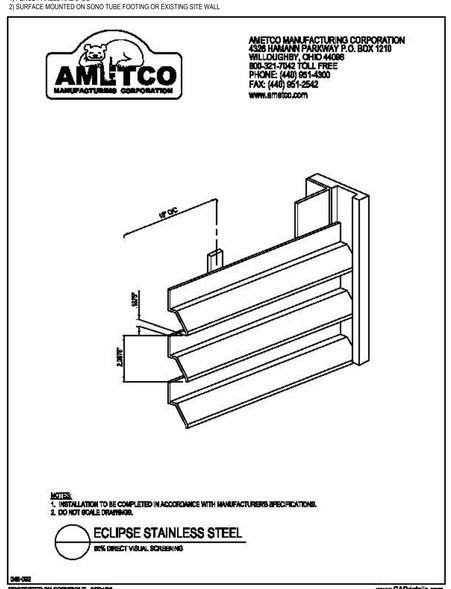


8 HR-01
SCALE 3/4" = 1'-0"

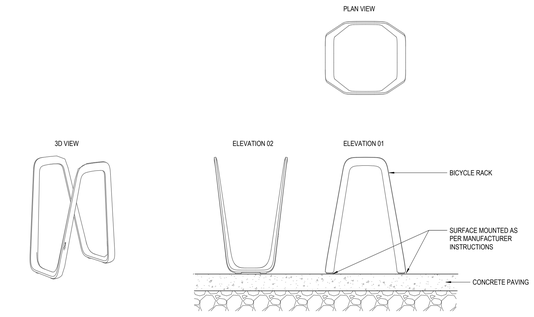


7 F-02
SCALE 12" = 1'-0"

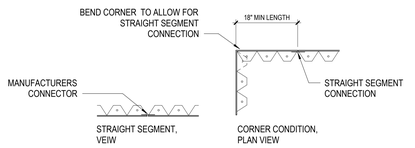
GENERAL NOTES:
1) FENCE PANELS ARE 5' OC
2) SURFACE MOUNTED ON SONO TUBE FOOTING OR EXISTING SITE WALL

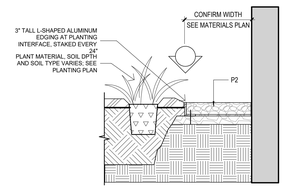


6 F-01
SCALE 12" = 1'-0"

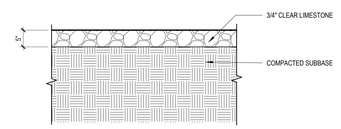


5 BICYCLE RACK IN PAVING
SCALE 3/4" = 1'-0"

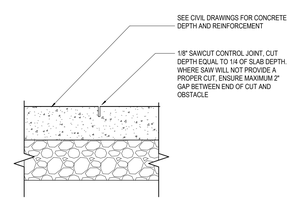




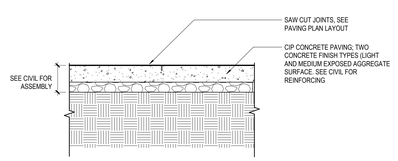
4 MAINTENANCE PATH AT PLANTING
SCALE 3/4" = 1'-0"



3 P2 PAVING- CRUSHED AGGREGATE
SCALE 3/4" = 1'-0"



2 CONCRETE SAWCUT JOINT
SCALE 1 1/2" = 1'-0"



1 PAVING TYPE 1A/1B -CIP CONCRETE WALK PAVING
SCALE 3/4" = 1'-0"

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
MADISON, WI | WAUKESHA, WI
Perkins&Will
475 Lincoln Street, Suite100
Denver, CO 80203
t 303.308.0200
www.perkinswill.com

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	221929.000

PROJECT TITLE
ALLIANT ENERGY CENTER - EXHIBITION EXPANSION DD PHASE
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME
LANDSCAPE DETAILS

SHEET NO.
L801

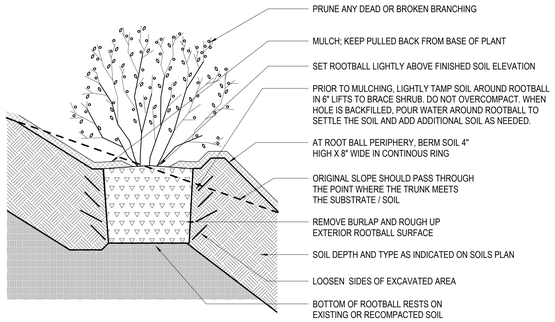
STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

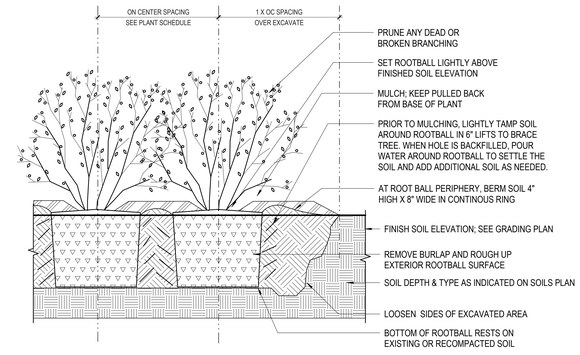
MADISON, WI | WAUKESHA, WI

Perkins&Will

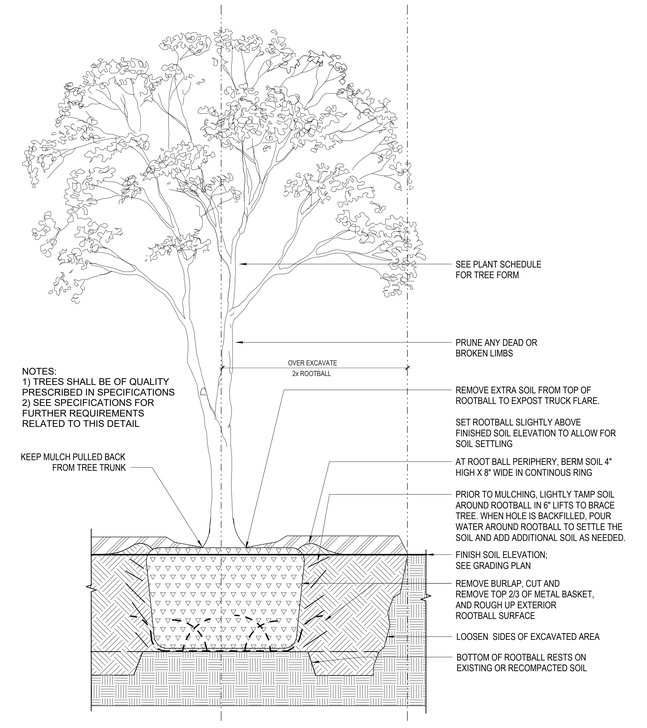
475 Lincoln Street, Suite100
Denver, CO 80203
t 303.308.0200
www.perkinswill.com



5 SHRUB PLANTING ON SLOPE, SECTION
SCALE 3/4" = 1'-0"

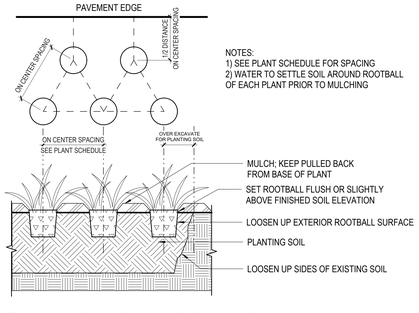


4 SHRUB PLANTING, SECTION
SCALE 3/4" = 1'-0"



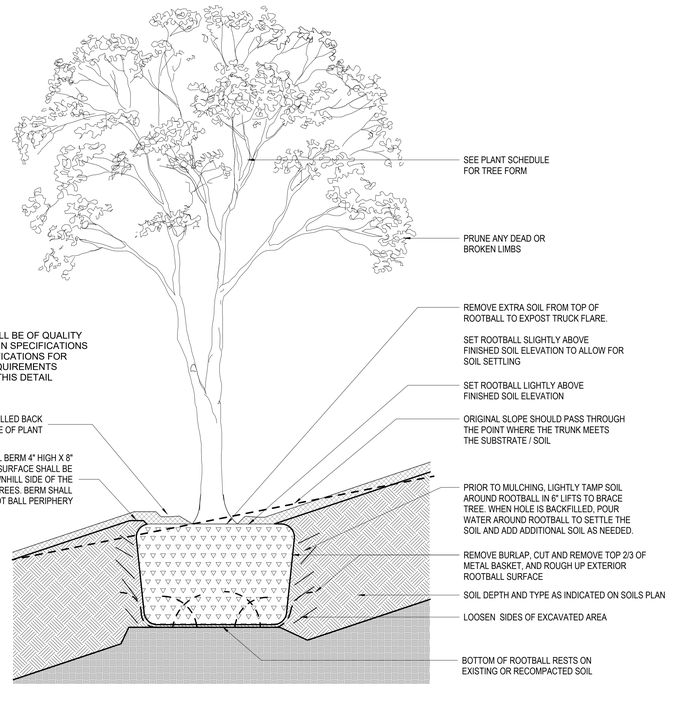
NOTES:
1) TREES SHALL BE OF QUALITY PRESCRIBED IN SPECIFICATIONS
2) SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS RELATED TO THIS DETAIL

2 TREE PLANTING, SECTION
SCALE 3/4" = 1'-0"



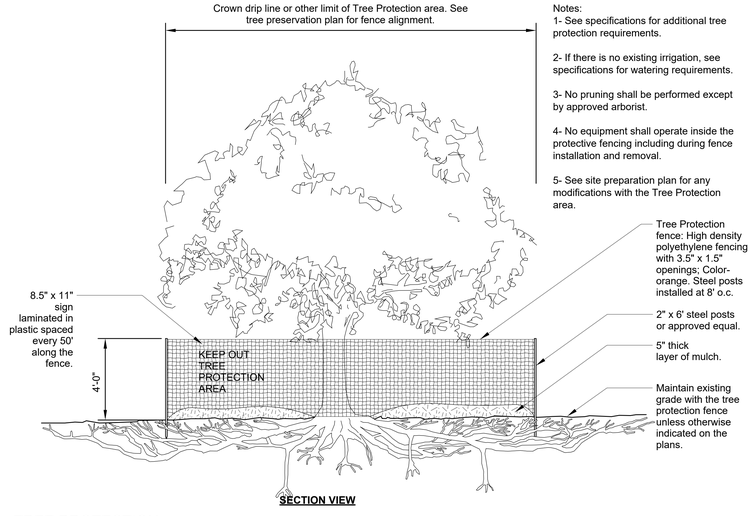
NOTES:
1) SEE PLANT SCHEDULE FOR SPACING
2) WATER TO SETTLE SOIL AROUND ROOTBALL OF EACH PLANT PRIOR TO MULCHING

6 PERENNIAL PLANTING, SECTION & PLAN
SCALE 3/4" = 1'-0"



NOTES:
1) TREES SHALL BE OF QUALITY PRESCRIBED IN SPECIFICATIONS
2) SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS RELATED TO THIS DETAIL

3 TREE PLANTING ON SLOPE, SECTION
SCALE 3/4" = 1'-0"



Notes:
1- See specifications for additional tree protection requirements.

2- If there is no existing irrigation, see specifications for watering requirements.

3- No pruning shall be performed except by approved arborist.

4- No equipment shall operate inside the protective fencing including during fence installation and removal.

5- See site preparation plan for any modifications with the Tree Protection area.

SECTION VIEW

1 TREE PROTECTION
SCALE 3/8" = 1'-0"

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	221929.000

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION DD PHASE

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

LANDSCAPE DETAILS

SHEET NO.

L802

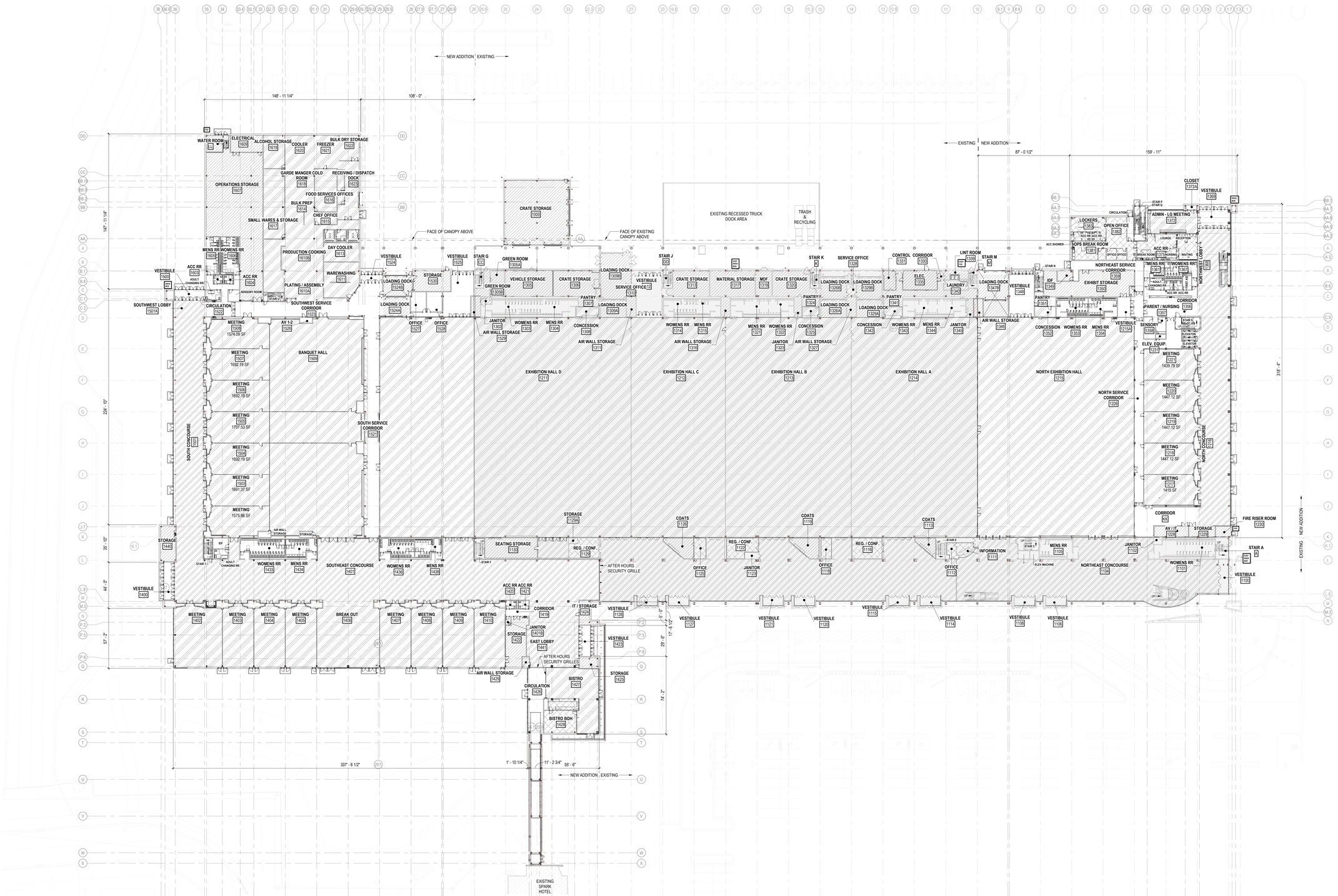


EXHIBIT LEVEL PRESENTATION PLAN

1 A201 SCALE: 1/64" 16' 32' 64'

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

OCCUPANCY / USE LEGEND

- GROUP A: ASSEMBLY
- GROUP A: ASSEMBLY PREFUNCTION
- GROUP A: ACCESSORY STOR/MECH/EQUIP
- GROUP B: BUSINESS
- DESIGNATES EXISTING BUILDING

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

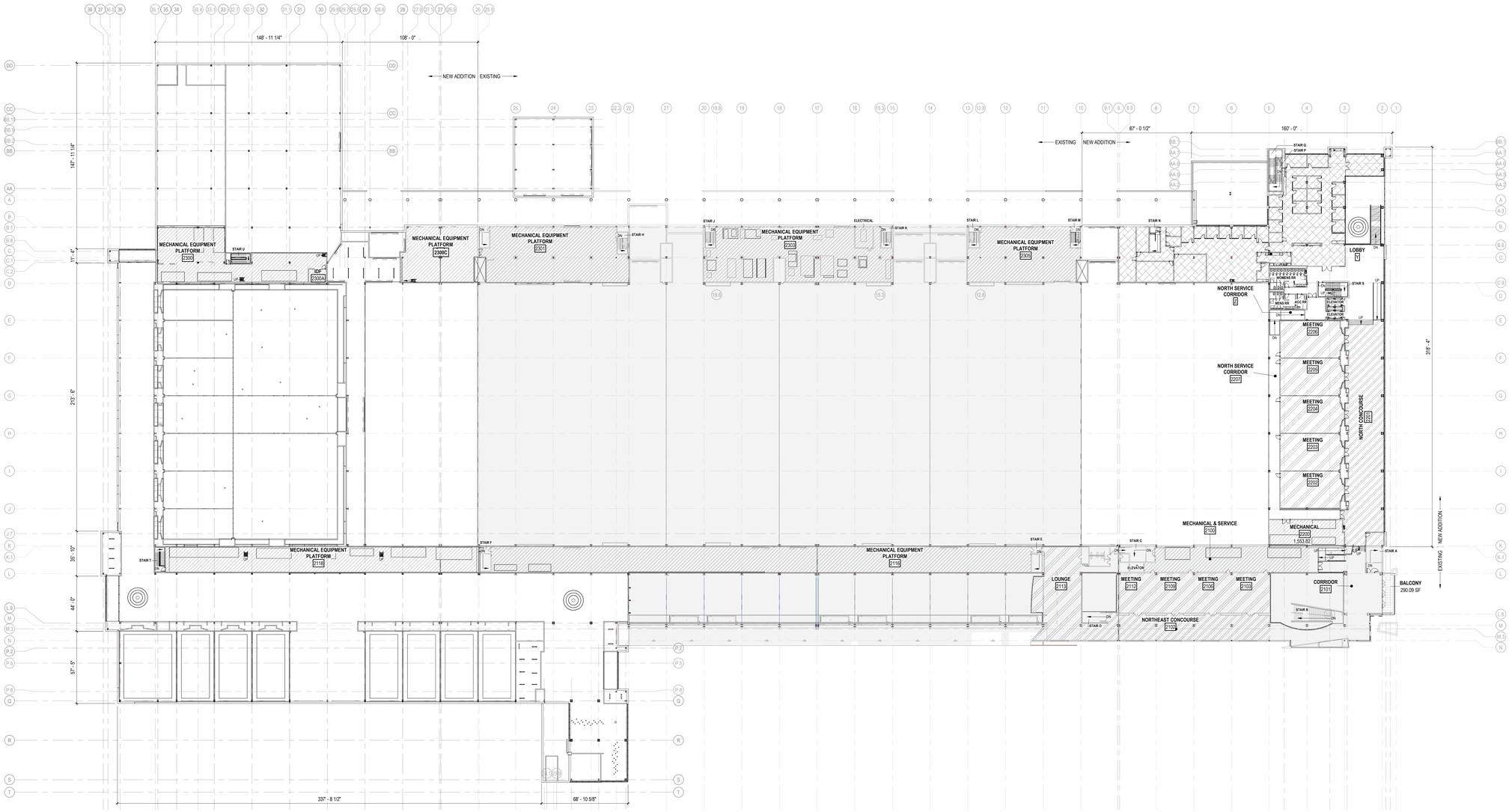
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

EXHIBIT LEVEL PLAN

SHEET NO.

A201



1 A202 **SECOND LEVEL PRESENTATION PLAN**

SCALE: 1/32" = 1'-0"



2 A202 **SECOND LEVEL MEZZANINE PRESENTATION PLAN**

SCALE: 1/32" = 1'-0"

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

OCCUPANCY / USE LEGEND

- GROUP A: ASSEMBLY
- GROUP A: ASSEMBLY PREFUNCTION
- GROUP A: ACCESSORY STOR/MECH/EQUIP
- GROUP B: BUSINESS
- DESIGNATES EXISTING BUILDING

UDC SUBMISSION 05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC.	2026
DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

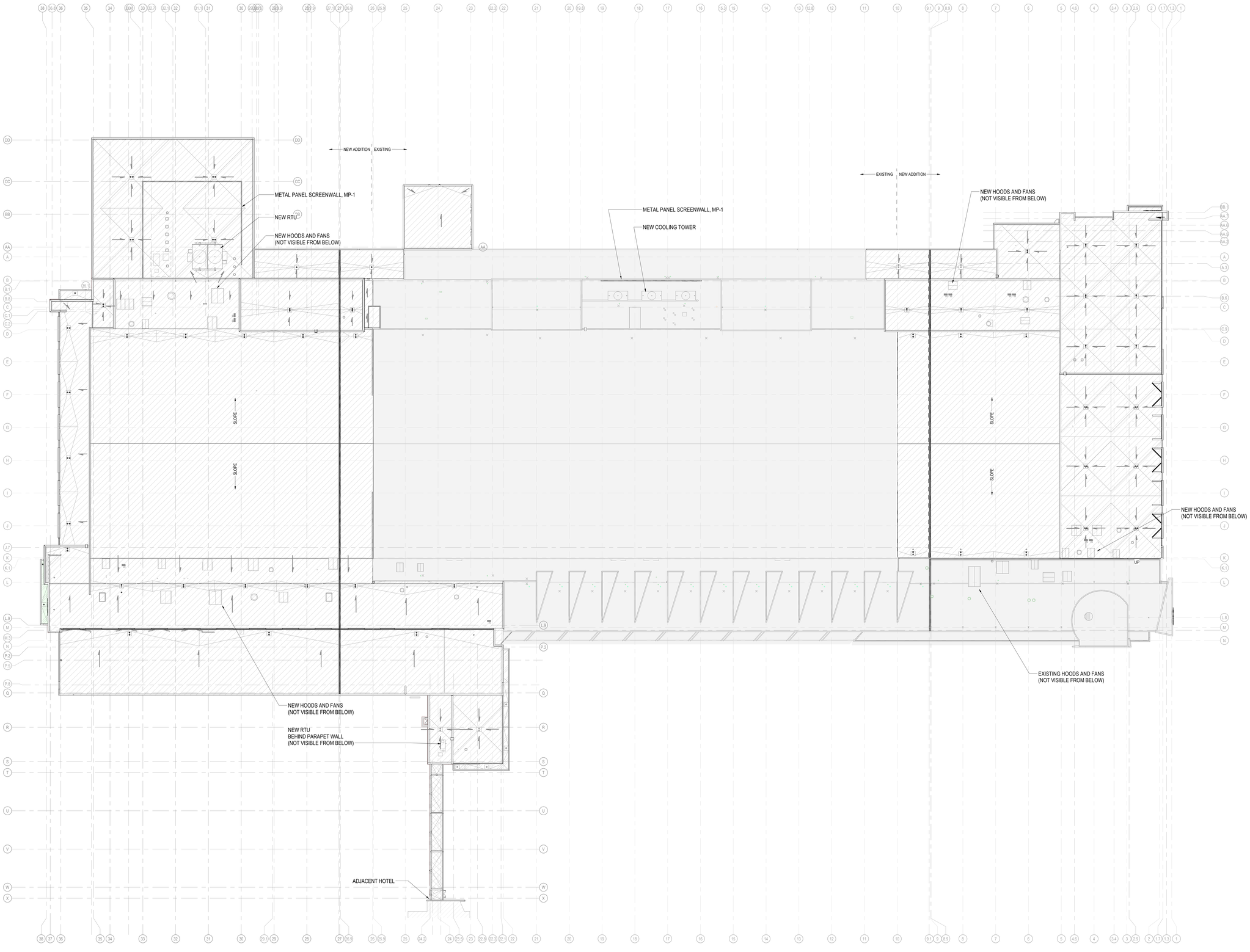
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

SECOND AND MEZZANINE PLAN

SHEET NO.

A202



1 A204 **ROOF PLAN**
SCALE: 1" = 30'-0"

0' 15' 30' 60'

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

ROOF SYSTEM TYPE LEGEND

NEW ROOF SYSTEM
EXISTING ROOF SYSTEM

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

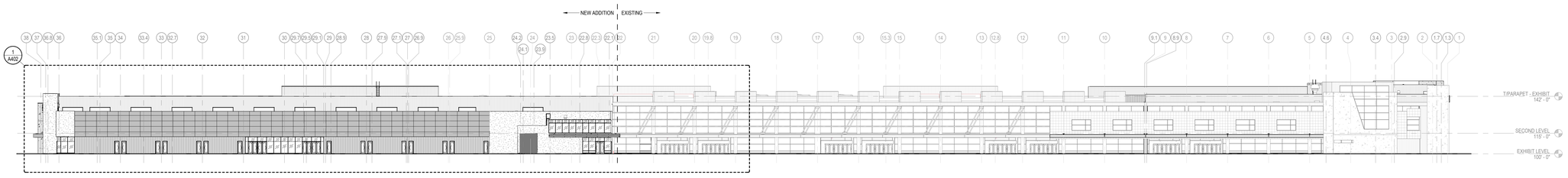
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

ROOF PLAN

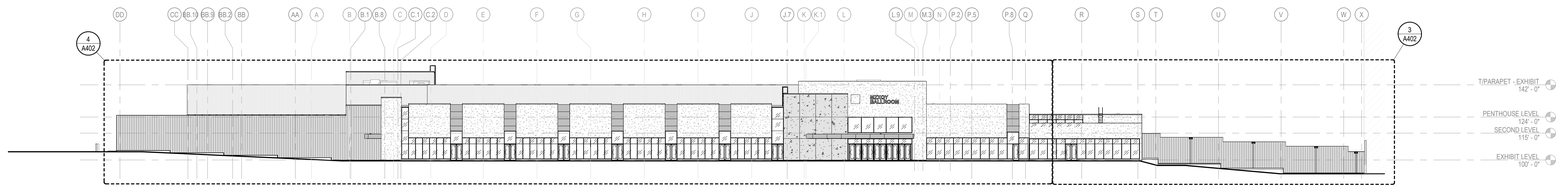
SHEET NO.

A204



1 A401 **EAST ELEVATION - OVERALL**

SCALE: 1" = 30'-0"



2 A401 **SOUTH ELEVATION - OVERALL**

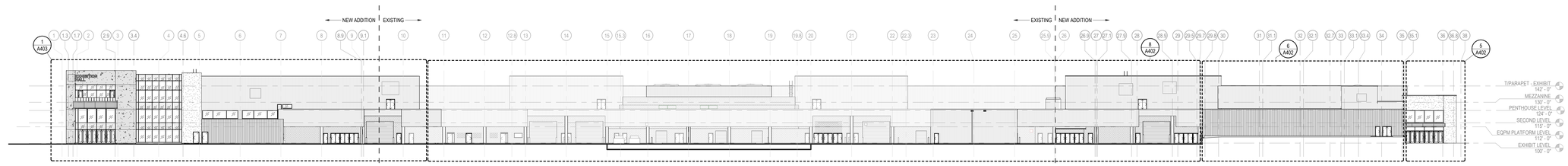
SCALE: 1" = 30'-0"

EXTERIOR FINISHES SCHEDULE			
ABBR	SYSTEM/COMPONENT	MFR/FINISH/COLOR	REMARKS
04 MASONRY			
CMU-1	CONCRETE MASONRY UNITS	GROUNDFACE	
CP-1	CONCRETE PANEL CLADDING	STROMBERG, GFRC, CONCRETE	MATCH EXISTING CONCRETE FINISH
SP-1	STONE PANEL CLADDING	QUARRA STONE PRODUCTS, LIMESTONE	
	MORTAR		
07 THERMAL AND MOISTURE PROTECTION			
GD-1	GUTTERS AND DOWNSPOUTS	PAINTED ALUMINUM, MATCH ADJACENT FACADE MATERIAL COLOR	
MP-1	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSH 120	
MP-2	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSF 120	
MP-3	METAL WALL PANELS	ATLAS INTERNATIONAL, OMAWALL PL WITH EVO	
08 OPENINGS			
AFCW-1	ALUMINUM FRAMED CURTAIN WALL	2.5" X 7.5" CLEAR ANODIZED ALUMINUM	
AFP-1	ALUMINUM FRAMED INFILL PANELS	1" INFILL PANELS, CLEAR ANODIZED ALUMINUM	
IG-1	INSULATED GLASS UNITS	1" INSULATED GLASS UNIT, BIRD SAFE INFARED, LOW-E, GREY TINT	
IGS-1	INSULATED GLASS SPANDREL UNITS	1" INSULATED SPANDREL UNIT, CLEAR ANODIZED ALUMINUM	

EXTERIOR MATERIAL LEGEND

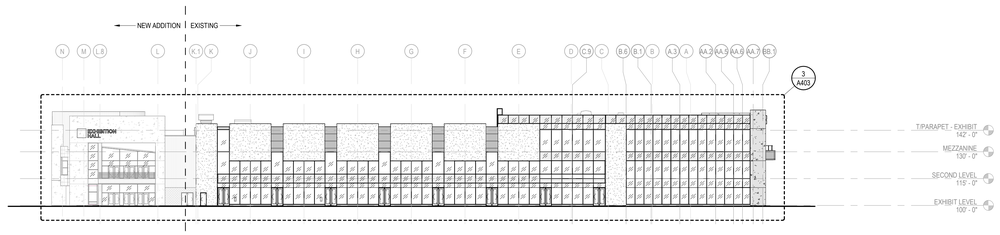
SEE SHEET A002 FOR EXTERIOR WALL SYSTEMS

- METAL PANEL, MP-1
- METAL PANEL, MP-2
- METAL PANEL, MP-3
- LIMESTONE PANEL, SP-1
- CONCRETE PANEL, CP-1
- GROUND FACE CMU, CMU-1
- INSULATED VISION GLASS, IG-1
- INSULATED SPANDREL GLASS, IGS-1



3 A401 **WEST ELEVATION - OVERALL**

SCALE: 1" = 30'-0"



4 A401 **NORTH ELEVATION - OVERALL**

SCALE: 1" = 30'-0"

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

EXTERIOR ELEVATIONS

SHEET NO.

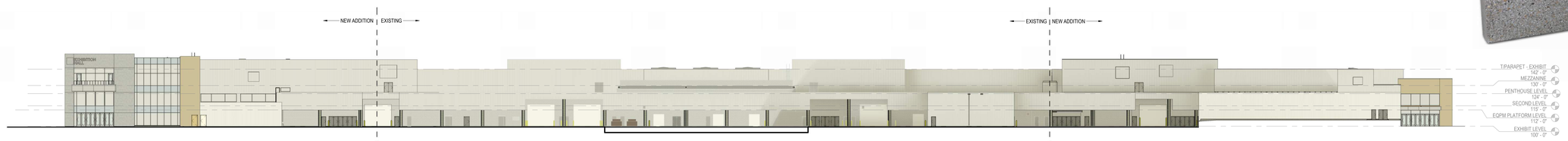
A401



1 A401 **EAST ELEVATION - OVERALL - UDC**
SCALE: 1" = 30'-0"



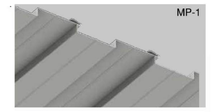
2 A401 **SOUTH ELEVATION - OVERALL - UDC**
SCALE: 1" = 30'-0"

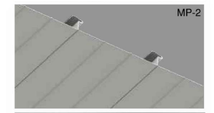


3 A401 **WEST ELEVATION - OVERALL - UDC**
SCALE: 1" = 30'-0"



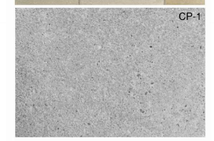
4 A401 **NORTH ELEVATION - OVERALL - UDC**
SCALE: 1" = 30'-0"











EXTERIOR MATERIAL LEGEND

- METAL PANEL, MP-1
- METAL PANEL, MP-2
- METAL PANEL, MP-3
- LIMESTONE CLADDING PANEL, SP-1
- CONCRETE CLADDING PANEL, CP-1
- GROUND FACE CMU, CMU-1
- INSULATED VISION GLASS, IG-1
- INSULATED SPANDREL GLASS, IGS-1

EXTERIOR FINISHES SCHEDULE

ABBR	SYSTEM/COMPONENT	MFR/FINISH/COLOR	REMARKS
04 MASONRY			
CMU-1	CONCRETE MASONRY UNITS	GROUNDFACE	
CP-1	CONCRETE PANEL CLADDING	STROMBERG, GFRC, CONCRETE	MATCH EXISTING CONCRETE FINISH
SP-1	STONE PANEL CLADDING	QUARRA STONE PRODUCTS, LIMESTONE	
	MORTAR		
07 THERMAL AND MOISTURE PROTECTION			
GD-1	GUTTERS AND DOWNSPOUTS	PAINTED ALUMINUM, MATCH ADJACENT FACADE MATERIAL COLOR	
MP-1	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSH 120	
MP-2	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSF 120	
MP-3	METAL WALL PANELS	ATLAS INTERNATIONAL, OMAWALL PL WITH EVO	
08 OPENINGS			
AFCW-1	ALUMINUM FRAMED CURTAIN WALL	2.5" X 7.5" CLEAR ANODIZED ALUMINUM	
AFP-1	ALUMINUM FRAMED INFILL PANELS	1" INFILL PANELS, CLEAR ANODIZED ALUMINUM	
IG-1	INSULATED GLASS UNITS	1" INSULATED GLASS UNIT, BIRD SAFE INFARED, LOW-E, GREY TINT	
IGS-1	INSULATED GLASS SPANDREL UNITS	1" INSULATED SPANDREL UNIT, CLEAR ANODIZED ALUMINUM	

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

COPYRIGHT STRANG, INC. 2026

DRAWING SET UDC - PRE

DATE 05/18/2026

PROJECT NO. 2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

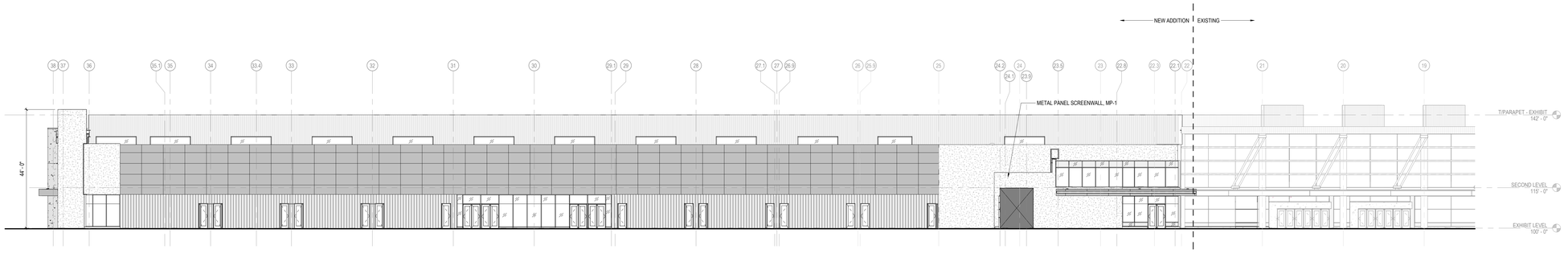
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

EXTERIOR ELEVATIONS

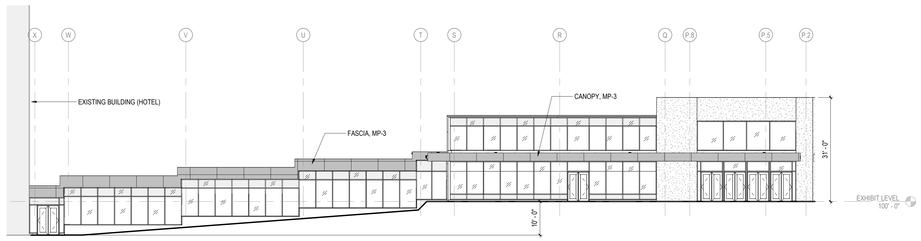
SHEET NO.

A401



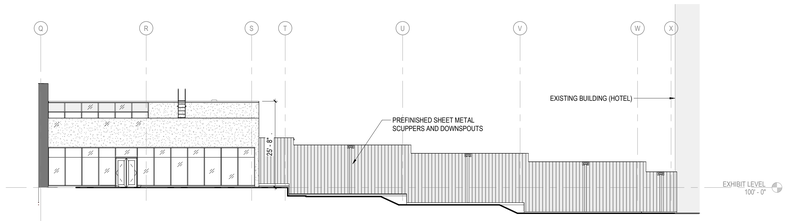
1 A402 **EAST ELEVATION - PARTIAL**

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



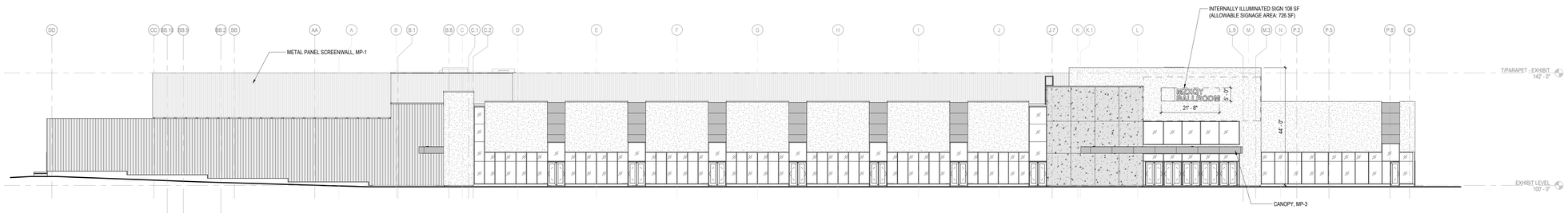
2 A402 **NORTH ELEVATION AT CAFE ADDITION**

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



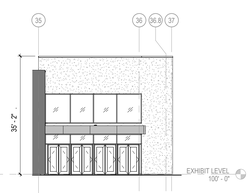
3 A402 **SOUTH ELEVATION AT CAFE ADDITION**

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



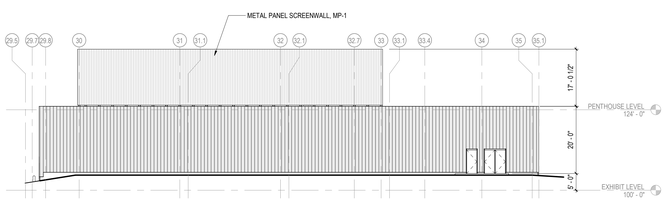
4 A402 **SOUTH ELEVATION - PARTIAL**

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



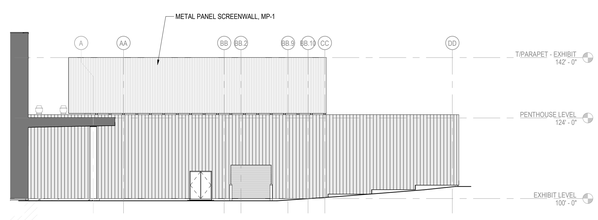
5 A402 **WEST ELEVATION - PARTIAL AT ENTRANCE**

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



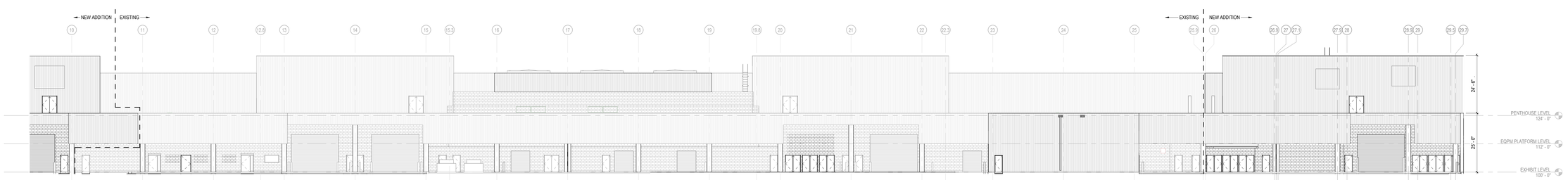
6 A402 **WEST ELEVATION - AT KITCHEN**

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



7 A402 **NORTH ELEVATION - AT KITCHEN**

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



8 A402 **WEST ELEVATION - PARTIAL**

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

EXTERIOR FINISHES SCHEDULE

ABBR	SYSTEM/COMPONENT	MFR/FINISH/COLOR	REMARKS
04 MASONRY			
CMU-1	CONCRETE MASONRY UNITS	GROUNDFACE	
CP-1	CONCRETE PANEL CLADDING	STROMBERG, GFRC, CONCRETE	MATCH EXISTING CONCRETE FINISH
SP-1	STONE PANEL CLADDING	QUARRA STONE PRODUCTS, LIMESTONE	
	MORTAR		
07 THERMAL AND MOISTURE PROTECTION			
GD-1	GUTTERS AND DOWNSPOUTS	PAINTED ALUMINUM, MATCH ADJACENT FACADE MATERIAL COLOR	
MP-1	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSH 120	
MP-2	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSF 120	
MP-3	METAL WALL PANELS	ATLAS INTERNATIONAL, OMAWALL PL WITH EVO	
08 OPENINGS			
AFCW-1	ALUMINUM FRAMED CURTAIN WALL	2.5" X 7.5" CLEAR ANODIZED ALUMINUM	
AFP-1	ALUMINUM FRAMED INFILL PANELS	1" INFILL PANELS, CLEAR ANODIZED ALUMINUM	
IG-1	INSULATED GLASS UNITS	1" INSULATED GLASS UNIT, BIRD SAFE INFARED, LOW-E, GREY TINT	
IGS-1	INSULATED GLASS SPANDREL UNITS	1" INSULATED SPANDREL UNIT, CLEAR ANODIZED ALUMINUM	

EXTERIOR MATERIAL LEGEND

SEE SHEET A002 FOR EXTERIOR WALL SYSTEMS

- METAL PANEL, MP-1
- METAL PANEL, MP-2
- METAL PANEL, MP-3
- LIMESTONE PANEL, SP-1
- CONCRETE PANEL, CP-1
- GROUND FACE CMU, CMU-1
- INSULATED VISION GLASS, IG-1
- INSULATED SPANDREL GLASS, IGS-1

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

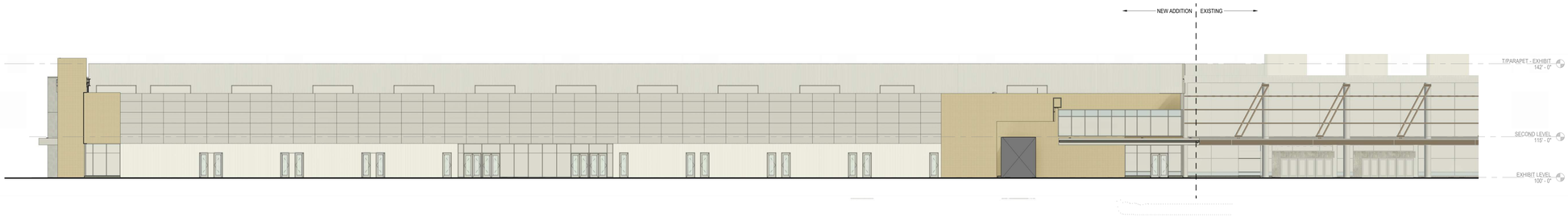
SHEET NAME

EXTERIOR ELEVATIONS

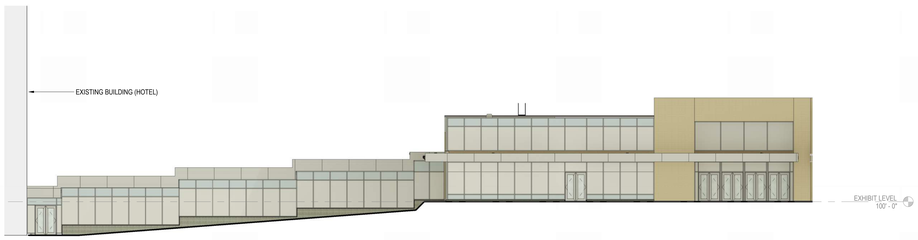
SHEET NO.

A402

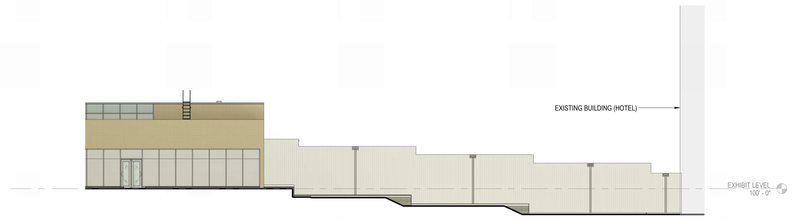
STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
MADISON, WI | WAUKESHA, WI



1 A402 **EAST ELEVATION - PARTIAL - UDC**
SCALE: 1/16" = 1'-0"



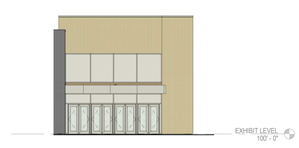
2 A402 **NORTH ELEVATION AT CAFE ADDITION - UDC**
SCALE: 1/16" = 1'-0"



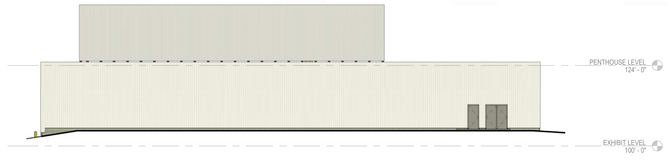
3 A402 **SOUTH ELEVATION AT CAFE ADDITION - UDC**
SCALE: 1/16" = 1'-0"



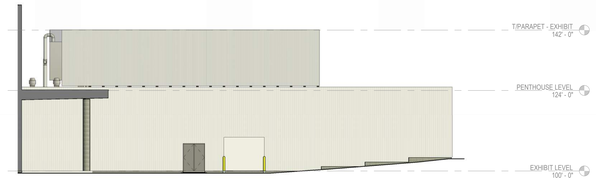
4 A402 **SOUTH ELEVATION - PARTIAL - UDC**
SCALE: 1/16" = 1'-0"



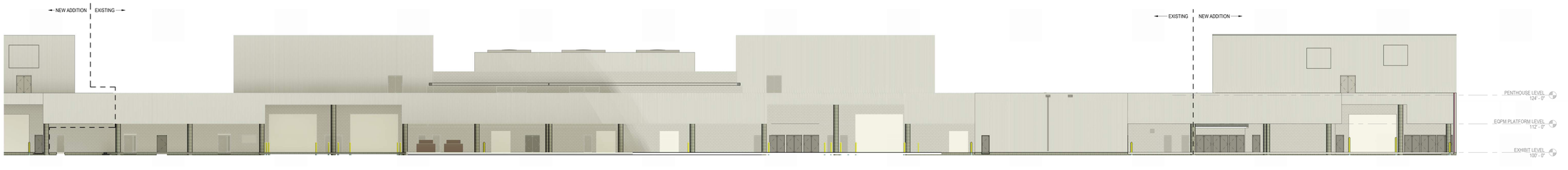
5 A402 **WEST ELEVATION - PARTIAL AT ENTRANCE - UDC**
SCALE: 1/16" = 1'-0"



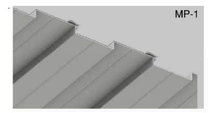
6 A402 **WEST ELEVATION - AT KITCHEN - UDC**
SCALE: 1/16" = 1'-0"

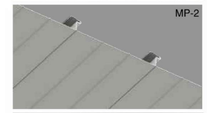


7 A402 **NORTH ELEVATION - AT KITCHEN - UDC**
SCALE: 1/16" = 1'-0"



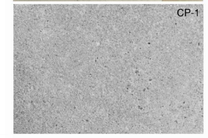
8 A402 **WEST ELEVATION - PARTIAL - UDC**
SCALE: 1/16" = 1'-0"











CMU-1



EXTERIOR MATERIAL LEGEND

- METAL PANEL, MP-1
- METAL PANEL, MP-2
- METAL PANEL, MP-3
- LIMESTONE CLADDING PANEL, SP-1
- CONCRETE CLADDING PANEL, CP-1
- GROUND FACE CMU, CMU-1
- INSULATED VISION GLASS, IG-1
- INSULATED SPANDREL GLASS, IGS-1

EXTERIOR FINISHES SCHEDULE

ABBR	SYSTEM/COMPONENT	MFR/FINISH/COLOR	REMARKS
04 MASONRY			
CMU-1	CONCRETE MASONRY UNITS	GROUNDFACE	
CP-1	CONCRETE PANEL CLADDING	STROMBERG, GFRC, CONCRETE	MATCH EXISTING CONCRETE FINISH
SP-1	STONE PANEL CLADDING	QUARRA STONE PRODUCTS, LIMESTONE	
	MORTAR		
07 THERMAL AND MOISTURE PROTECTION			
GD-1	GUTTERS AND DOWNSPOUTS	PAINTED ALUMINUM, MATCH ADJACENT FACADE MATERIAL COLOR	
MP-1	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSH 120	
MP-2	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSF 120	
MP-3	METAL WALL PANELS	ATLAS INTERNATIONAL, OMAWALL PL WITH EVO	
08 OPENINGS			
AFCW-1	ALUMINUM FRAMED CURTAIN WALL	2.5" X 7.5" CLEAR ANODIZED ALUMINUM	
AFP-1	ALUMINUM FRAMED INFILL PANELS	1" INFILL PANELS, CLEAR ANODIZED ALUMINUM	
IG-1	INSULATED GLASS UNITS	1" INSULATED GLASS UNIT, BIRD SAFE INFARED, LOW-E, GREY TINT	
IGS-1	INSULATED GLASS SPANDREL UNITS	1" INSULATED SPANDREL UNIT, CLEAR ANODIZED ALUMINUM	

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

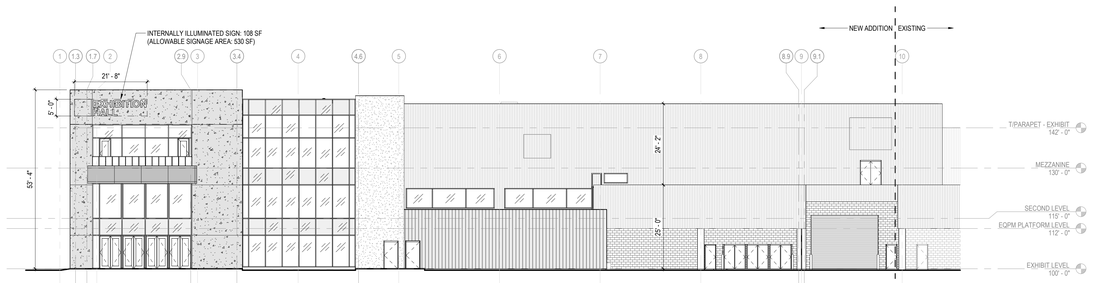
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

EXTERIOR ELEVATIONS

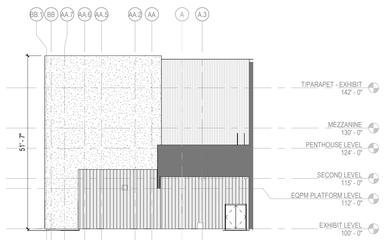
SHEET NO.

A402



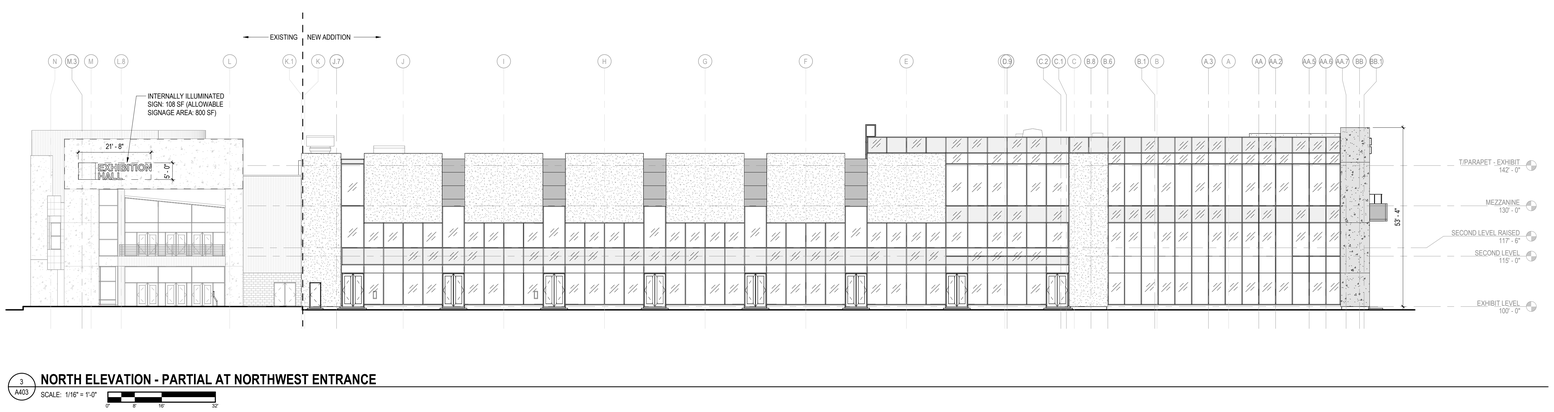
1 A403 **WEST ELEVATION - AT ADMINISTRATION**

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



2 A403 **SOUTH ELEVATION - AT ADMINISTRATION**

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



3 A403 **NORTH ELEVATION - PARTIAL AT NORTHWEST ENTRANCE**

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

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

EXTERIOR FINISHES SCHEDULE

ABBR	SYSTEM/COMPONENT	MFR/FINISH/COLOR	REMARKS
04 MASONRY			
CMU-1	CONCRETE MASONRY UNITS	GROUNDFACE	
CP-1	CONCRETE PANEL CLADDING	STROMBERG, GFRC, CONCRETE	MATCH EXISTING CONCRETE FINISH
SP-1	STONE PANEL CLADDING	QUARRA STONE PRODUCTS, LIMESTONE	
	MORTAR		
07 THERMAL AND MOISTURE PROTECTION			
GD-1	GUTTERS AND DOWNSPOUTS	PAINTED ALUMINUM, MATCH ADJACENT FACADE MATERIAL COLOR	
MP-1	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSH 120	
MP-2	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSF 120	
MP-3	METAL WALL PANELS	ATLAS INTERNATIONAL, OMAWALL PI, WITH EVO	
08 OPENINGS			
AFCW-1	ALUMINUM FRAMED CURTAIN WALL	2.5" X 7.5" CLEAR ANODIZED ALUMINUM	
AFP-1	ALUMINUM FRAMED INFILL PANELS	1" INFILL PANELS, CLEAR ANODIZED ALUMINUM	
IG-1	INSULATED GLASS UNITS	1" INSULATED GLASS UNIT, BIRD SAFE INFARED, LOW-E, GREY TINT	
IGS-1	INSULATED GLASS SPANDREL UNITS	1" INSULATED SPANDREL UNIT, CLEAR ANODIZED ALUMINUM	

EXTERIOR MATERIAL LEGEND

SEE SHEET A002 FOR EXTERIOR WALL SYSTEMS

- METAL PANEL, MP-1
- METAL PANEL, MP-2
- METAL PANEL, MP-3
- LIMESTONE PANEL, SP-1
- CONCRETE PANEL, CP-1
- GROUND FACE CMU, CMU-1
- INSULATED VISION GLASS, IG-1
- INSULATED SPANDREL GLASS, IGS-1

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

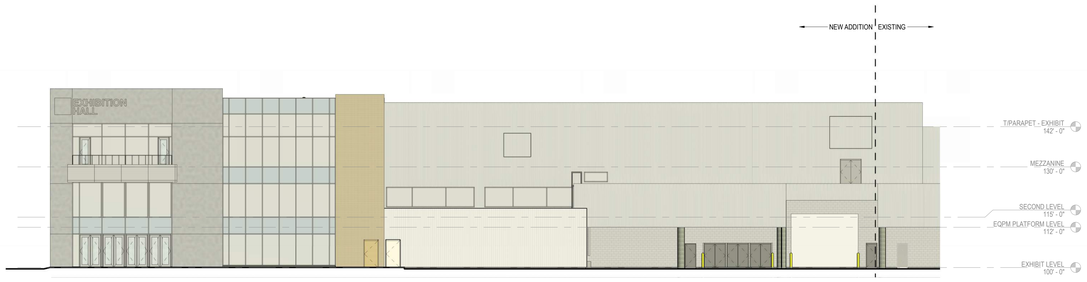
1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

EXTERIOR ELEVATIONS

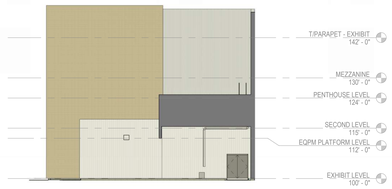
SHEET NO.

A403



1 A403 **WEST ELEVATION - AT ADMINISTRATION - UDC**

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



2 A403 **SOUTH ELEVATION - AT ADMINISTRATION - UDC**

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



3 A403 **NORTH ELEVATION - PARTIAL AT NORTHWEST ENTRANCE - UDC**

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





EXTERIOR MATERIAL LEGEND

- METAL PANEL, MP-1
- METAL PANEL, MP-2
- METAL PANEL, MP-3
- LIMESTONE CLADDING PANEL, SP-1
- CONCRETE CLADDING PANEL, CP-1
- GROUND FACE CMU, CMU-1
- INSULATED VISION GLASS, IG-1
- INSULATED SPANDREL GLASS, IGS-1

EXTERIOR FINISHES SCHEDULE

ABBR	SYSTEM/COMPONENT	MFR/FINISH/COLOR	REMARKS
04 MASONRY			
CMU-1	CONCRETE MASONRY UNITS	GROUNDFACE	
CP-1	CONCRETE PANEL CLADDING	STROMBERG, GFRC, CONCRETE	MATCH EXISTING CONCRETE FINISH
SP-1	STONE PANEL CLADDING	QUARRA STONE PRODUCTS, LIMESTONE	
	MORTAR		
07 THERMAL AND MOISTURE PROTECTION			
GD-1	GUTTERS AND DOWNSPOUTS	PAINTED ALUMINUM, MATCH ADJACENT FACADE MATERIAL COLOR	
MP-1	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSH 12D	
MP-2	METAL WALL PANELS	ATLAS INTERNATIONAL, DESIGN WALL DSF 12D	
MP-3	METAL WALL PANELS	ATLAS INTERNATIONAL, OMAWALL PL WITH EVO	
08 OPENINGS			
AFCW-1	ALUMINUM FRAMED CURTAIN WALL	2.5" X 7.5" CLEAR ANODIZED ALUMINUM	
AFP-1	ALUMINUM FRAMED INFILL PANELS	1" INFILL PANELS, CLEAR ANODIZED ALUMINUM	
IG-1	INSULATED GLASS UNITS	1" INSULATED GLASS UNIT, BIRD SAFE INFARED, LOW-E, GREY TINT	
IGS-1	INSULATED GLASS SPANDREL UNITS	1" INSULATED SPANDREL UNIT, CLEAR ANODIZED ALUMINUM	

STRANG

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

EXTERIOR ELEVATIONS

SHEET NO.

A403

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
MADISON, WI | WAUKESHA, WI

NORTHEAST CORNER ENTRY



SOUTHEAST CORNER ENTRY



NORTHWEST CORNER ENTRY



BISTRO ENTRANCE / HOTEL CONNECTOR



UDC SUBMISSION
05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC - PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

SHEET NAME

EXTERIOR RENDERINGS

SHEET NO.

A404

CITY OF MADISON
LANDSCAPE WORKSHEET

Section 28.142 Madison General Ordinance

Project Location / Address 1919 Alliant Energy Center Way, Madison WI 53713

Name of Project ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

Owner / Contact Michael Dunlap, Project Engineering Manager, Dane County

Contact Phone (608) 279-8934 Contact Email Dunlap.Michael@danecounty.gov

**** Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size MUST be prepared by a registered landscape architect. ****

Applicability

The following standards apply to all exterior construction and development activity, including the expansion of existing buildings, structures and parking lots, except the construction of detached single-family and two-family dwellings and their accessory structures. The entire development site must be brought up to compliance with this section unless **all** of the following conditions apply, in which case only the affected areas need to be brought up to compliance:

(a) The area of site disturbance is less than ten percent (10%) of the entire development site during any ten-(10) year period.

(b) Gross floor area is only increased by ten percent (10%) during any ten-(10) year period.

(c) No demolition of a principal building is involved.

(d) Any displaced landscaping elements must be replaced on the site and shown on a revised landscaping plan.

Landscape Calculations and Distribution

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as that area within a single contiguous boundary which is made up of structures, parking, driveways and docking/loading facilities, but excluding the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot. There are three methods for calculating landscape points depending on the size of the lot and Zoning District.

(a) For all lots except those described in (b) and (c) below, five (5) landscape points shall be provided for each three hundred (300) square feet of developed area.

Total square footage of developed area _____

Total landscape points required _____

(b) **For lots larger than five (5) acres**, points shall be provided at five (5) points per three hundred (300) square feet for the first five (5) developed acres, and one (1) point per one hundred (100) square feet for all additional acres.

Total square footage of developed area 503,290 sf

Five (5) acres = 217,800 square feet

First five (5) developed acres = 3,630 points

Remainder of developed area 285,490 sf

Total landscape points required 4582

(c) **For the Industrial – Limited (IL) and Industrial – General (IG) districts**, one (1) point shall be provided per one hundred (100) square feet of developed area.

Total square footage of developed area _____

Total landscape points required _____

Tabulation of Points and Credits

Use the table to indicate the quantity and points for all existing and proposed landscape elements.

Plant Type/ Element	Minimum Size at Installation	Points	Credits/ Existing Landscaping		New/ Proposed Landscaping	
			Quantity	Points Achieved	Quantity	Points Achieved
Overstory deciduous tree	2½ inch caliper measured diameter at breast height (dbh)	35			78	2730
Tall evergreen tree (i.e. pine, spruce)	5-6 feet tall	35			3	105
Ornamental tree	1 1/2 inch caliper	15			40	600
Upright evergreen shrub (i.e. arborvitae)	3-4 feet tall	10				
Shrub, deciduous	#3 gallon container size, Min. 12”-24”	3			419	1257
Shrub, evergreen	#3 gallon container size, Min. 12”-24”	4				
Ornamental grasses/ perennials	#1 gallon container size, Min. 8”-18”	2			1300	2600
Ornamental/ decorative fencing or wall	n/a	4 per 10 lineal ft.				
Existing significant specimen tree	Minimum size: 2 ½ inch caliper dbh. *Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch dbh. Maximum points per tree: 200				
Landscape furniture for public seating and/or transit connections	* Furniture must be within developed area, publically accessible, and cannot comprise more than 5% of total required points.	5 points per “seat”				
Sub Totals				TBD		7292

Total Number of Points Provided 7292

* As determined by ANSI, ANLA- American standards for nursery stock. For each size, minimum plant sizes shall conform to the specifications as stated in the current American Standard for Nursery Stock.

Landscaping shall be distributed throughout the property along street frontages, within parking lot interiors, as foundation plantings, or as general site landscaping. The total number of landscape points provided shall be distributed on the property as follows.

Total Developed Area

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area is defined as that area within a single contiguous boundary which is made up of structures, parking, driveways and docking/loading facilities, but excluding the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot.

Development Frontage Landscaping

Landscaping and/or ornamental fencing shall be provided between buildings or parking areas and the adjacent street(s), except where buildings are placed at the sidewalk. Landscape material shall include a mix of plant materials.

Interior Parking Lot Landscaping

The purpose of interior parking lot landscaping is to improve the appearance of parking lots, provide shade, and improve stormwater infiltration. **All parking lots with twenty (20) or more parking spaces** shall be landscaped in accordance with the interior parking lot standards.

Foundation Plantings

Foundation plantings shall be installed along building facades, except where building facades directly abut the sidewalk, plaza, or other hardscape features. Foundation plantings shall consist primarily of shrubs, perennials, and native grasses.

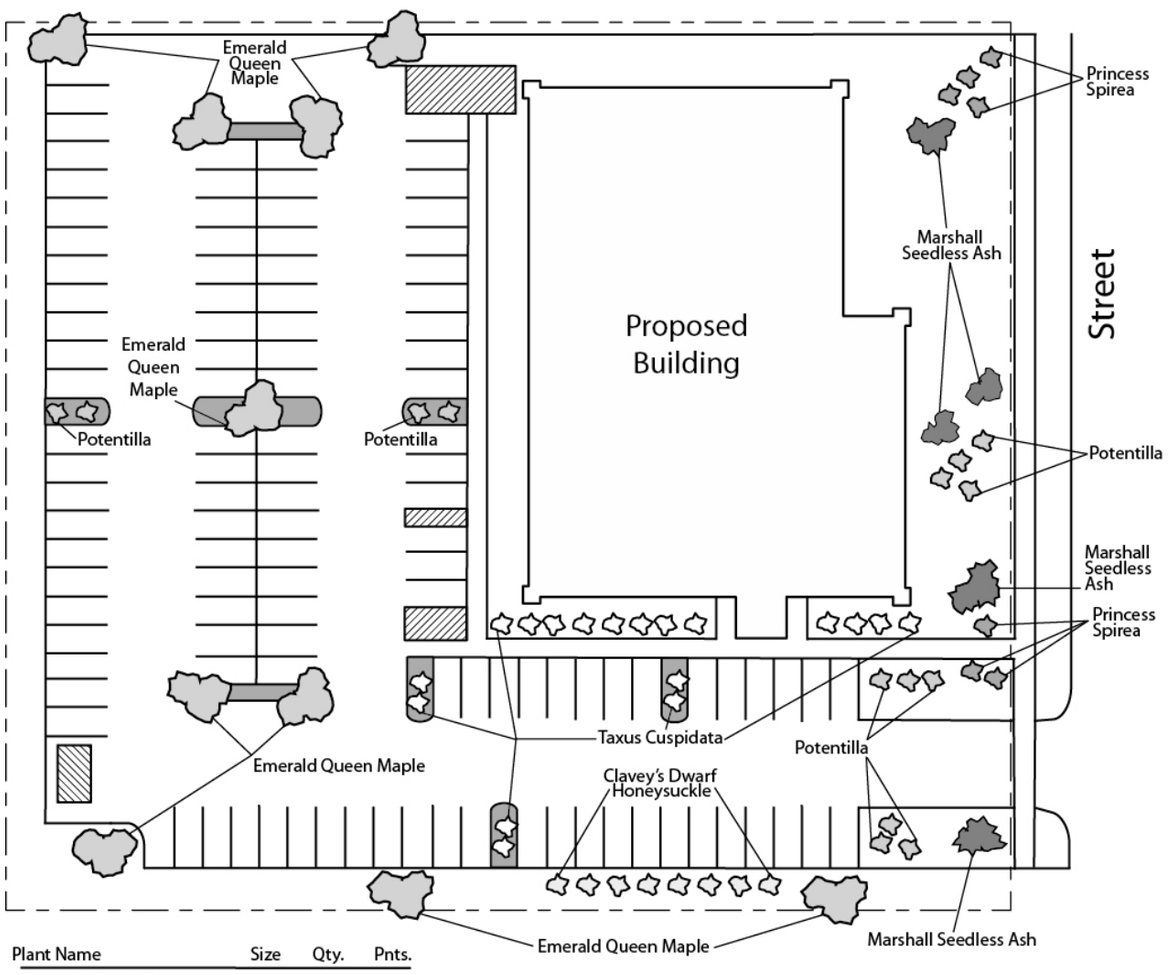
Screening Along District Boundaries

Screening shall be provided along side and rear property boundaries between commercial, mixed use or industrial districts and residential districts.

Screening of Other Site Elements

The following site elements shall be screened in compatibility with the design elements, materials and colors used elsewhere on the site: refuse disposal areas, outdoor storage areas, loading areas, and mechanical equipment.

Example Landscape Plan



Plant Name	Size	Qty.	Pnts.
Emerald Queen Maple	2-2.5"	9	-
Marshall Seedless Ash	2-2.5"	4	450
Clavey's Dwarf Honelysuckle	1 Gal	8	24
Princess Spirea	1 Gal	7	21
Potentilla	1 Gal	10	30
Taxus Cuspidata	2 Gal	12	60
		TOTAL	585

Call City Zoning, 266-4551, with your questions about this type of plan

LANDSCAPE PLAN AND LANDSCAPE WORKSHEET INSTRUCTIONS

Refer to Zoning Code Section 28.142 LANDSCAPING AND SCREENING REQUIREMENTS for the complete requirements for preparing and submitting a Landscape Plan and Landscape Worksheet.

Applicability.

The following standards apply to all exterior construction and development activity, including the expansion of existing buildings, structures and parking lots, except the construction of detached single-family and two-family dwellings and their accessory structures. The entire development site must be brought up to compliance with this section unless all of the following conditions apply, in which case only the affected areas need to be brought up to compliance:

(a) The area of site disturbance is less than ten percent (10%) of the entire development site during any ten-(10) year period.

(b) Gross floor area is only increased by ten percent (10%) during any ten-(10) year period.

(c) No demolition of a principal building is involved.

(d) Any displaced landscaping elements must be replaced on the site and shown on a revised landscaping plan.

Landscape Plan and Design Standards.

Landscape plans shall be submitted as a component of a site plan, where required, or as a component of applications for other actions, including zoning permits, where applicable. Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size must be prepared by a registered landscape architect.

(a) Elements of the landscape plan shall include the following:

1. Plant list including common and Latin names, size and root condition (i.e. container or ball & burlap).
2. Site amenities, including bike racks, benches, trash receptacles, etc.
3. Storage areas including trash and loading.
4. Lighting (landscape, pedestrian or parking area).
5. Irrigation.
6. Hard surface materials.
7. Labeling of mulching, edging and curbing.
8. Areas of seeding or sodding.
9. Areas to remain undisturbed and limits of land disturbance.
10. Plants shall be depicted at their size at sixty percent (60%) of growth.
11. Existing trees eight (8) inches or more in diameter.
12. Site grading plan, including stormwater management, if applicable.

(b) Plant Selection. Plant materials provided in conformance with the provisions of this section shall be nursery quality and tolerant of individual site microclimates.

(c) Mulch shall consist of shredded bark, chipped wood or other organic material installed at a minimum depth of two (2) inches.

Landscape Calculations and Distribution.

Required landscaped areas shall be calculated based upon the total developed area of the property. Developed area, for the purpose of this requirement, is defined as that area within a single contiguous boundary which is made up of structures, parking driveways and docking/loading facilities, but **excluding** the area of any building footprint at grade, land designated for open space uses such as athletic fields, and undeveloped land area on the same zoning lot.

(a) Landscaping shall be distributed throughout the property along street frontages, within parking lot interiors, and as foundation plantings, or as general site landscaping.

(b) Planting beds or planted areas must have at least seventy-five percent (75%) vegetative cover.

(c) Canopy tree diversity requirements for new trees:

1. If the development site has fewer than 5 canopy trees, no tree diversity is required.
2. If the development site has between 5 and 50 canopy trees, no single species may comprise more than 33% of trees.
3. If the development site has more than 50 canopy trees, no single species may comprise more than 20% of trees.

Development Frontage Landscaping.

Landscaping and/or ornamental fencing shall be provided between buildings or parking areas and the adjacent street(s), except where buildings are placed at the sidewalk. Landscape material shall include a mix of plant material meeting the following minimum requirements:

(a) One (1) overstory deciduous tree and five (5) shrubs shall be planted for each thirty (30) lineal feet of lot frontage. Two (2) ornamental trees or two (2) evergreen trees may be used in place of one (1) overstory deciduous tree.

(b) In cases where building facades directly abut the sidewalk, required frontage landscaping shall be deducted from the required point total.

(c) In cases where development frontage landscaping cannot be provided due to site constraints, the zoning administrator may waive the requirement or substitute alternative screening methods for the required landscaping.

(d) Fencing shall be a minimum of three (3) feet in height, and shall be constructed of metal, masonry, stone or equivalent material. Chain link or temporary fencing is prohibited.

Interior Parking Lot Landscaping.

The purpose of interior parking lot landscaping is to improve the appearance of parking lots, provide shade, and improve stormwater infiltration. **All parking lots with twenty (20) or more parking spaces** shall be landscaped in accordance with the following interior parking lot standards.

(a) For new development on sites previously undeveloped or where all improvements have been removed, a minimum of eight percent (8%) of the asphalt or concrete area of the parking lot shall be devoted to interior planting islands, peninsulas, or landscaped strips. For changes to a developed site, a minimum of five percent (5%) of the asphalt or concrete area shall be interior planting islands, peninsulas, or landscaped strips. A planting island shall be located at least every twelve (12) contiguous stalls with no break or alternatively, landscaped strips at least seven (7) feet wide between parking bays.

(b) The primary plant materials shall be shade trees with at least one (1) deciduous canopy tree for every one hundred sixty (160) square feet of required landscaped area. Two (2) ornamental deciduous trees may be substituted for one (1) canopy tree, but ornamental trees shall constitute no more than twenty-five percent (25%) of the required trees. No light poles shall be located within the area of sixty percent (60%) of mature growth from the center of any tree.

(c) Islands may be curbed or may be designed as uncurbed bio-retention areas as part of an approved low impact stormwater management design approved by the Director of Public Works. The ability to maintain these areas over time must be demonstrated. (See Chapter 37, Madison General Ordinances, Erosion and Stormwater Runoff Control.)

Foundation Plantings.

Foundation plantings shall be installed along building facades, except where building facades directly abut the sidewalk, plaza, or other hardscape features. Foundation plantings shall consist primarily of shrubs, perennials, and native grasses. The Zoning Administrator may modify this requirement for development existing prior to the effective date of this ordinance, as long as improvements achieve an equivalent or greater level of landscaping for the site.

Screening Along District Boundaries.

Screening shall be provided along side and rear property boundaries between commercial, mixed use or industrial districts and residential districts. Screening shall consist of a solid wall, solid fence, or hedge with year-round foliage, between six (6) and eight (8) feet in height, except that within the front yard setback area, screening shall not exceed four (4) feet in height. Height of screening shall be measured from natural or approved grade. Berms and retaining walls shall not be used to increase grade relative to screening height.

Screening of Other Site Elements.

The following site elements shall be screened in compatibility with the design elements, materials and colors used elsewhere on the site, as follows:

(a) Refuse Disposal Areas. All developments, except single family and two family developments, shall provide a refuse disposal area. Such area shall be screened on four (4) sides (including a gate for access) by a solid, commercial-grade wood fence, wall, or equivalent material with a minimum height of six (6) feet and not greater than seven (7) feet.

(b) Outdoor Storage Areas. Outdoor storage areas shall be screened from abutting residential uses with a by a building wall or solid, commercial-grade wood fence, wall, year-round hedge, or equivalent material, with a minimum height of six (6) feet and not greater than seven (7) feet. Screening along district boundaries, where present, may provide all or part of the required screening.

(c) Loading Areas. Loading areas shall be screened from abutting residential uses and from street view to the extent feasible by a building wall or solid, commercial-grade wood fence, or equivalent material, with a minimum height of six (6) feet and not greater than seven (7) feet. Screening along district boundaries, where present, may provide all or part of the required screening.

(d) Mechanical Equipment. All rooftop and ground level mechanical equipment and utilities shall be fully screened from view from any street or residential district, as viewed from six (6) feet above ground level. Screening may consist of a building wall or fence and/or landscaping as approved by the Zoning Administrator.

Maintenance.

The owner of the premises is responsible for the watering, maintenance, repair and replacement of all landscaping, fences, and other landscape architectural features on the site. All planting beds shall be kept weed free. Plant material that has died shall be replaced no later than the upcoming June 1.

City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703
Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: *fire@cityofmadison.com*

Project Address:	1919 Alliant Energy Center Way
Contact Name & Phone #:	Michael Dunlap, (608) 279-8934

FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system?	☑ Yes	☐ No	☐ N/A
If non-sprinklered, fire lanes extend to within 150-feet of all portions of the exterior wall?	☐ Yes	☐ No	☐ N/A
If sprinklered, fire lanes are within 250-feet of all portions of the exterior wall?	☑ Yes	☐ No	☐ N/A
2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs?	☑ Yes	☐ No	☐ N/A
a) Is the fire lane a minimum unobstructed width of at least 20-feet?	☑ Yes	☐ No	☐ N/A
b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet?	☑ Yes	☐ No	☐ N/A
c) Is the minimum inside turning radius of the fire lane at least 28-feet?	☑ Yes	☐ No	☐ N/A
d) Is the grade of the fire lane not more than a slope of 8%?	☑ Yes	☐ No	☐ N/A
e) Is the fire lane posted as fire lane? (Provide detail of signage.)	☐ Yes	☑ No	☐ N/A
f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.)	☐ Yes	☑ No	☐ N/A
g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)	☐ Yes	☑ No	☐ N/A
3. Is the fire lane obstructed by security gates or barricades? If yes:	☑ Yes	☐ No	☐ N/A
a) Is the gate a minimum of 20-feet clear opening?	☑ Yes	☐ No	☐ N/A
b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	☑ Yes	☐ No	☐ N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet?	☐ Yes	☑ No	☐ N/A
If yes, does the area for turning around fire apparatus comply with IFC D103?	☐ Yes	☐ No	☑ N/A
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6 If yes, see IFC 3206.6 for further requirements.	☐ Yes	☑ No	☐ N/A
6. Is any part of the building <u>greater than 30-feet</u> above the grade plane?	☑ Yes	☐ No	☐ N/A
If yes, answer the following questions:			
a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter?	☑ Yes	☐ No	☐ N/A
b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building?	☑ Yes	☐ No	☐ N/A
c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?	☐ Yes	☑ No	☐ N/A
d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species)	☐ Yes	☑ No	☐ N/A
e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet?	☑ Yes	☐ No	☐ N/A
f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	☑ Yes	☐ No	☐ N/A
7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants?	☐ Yes	☑ No	☐ N/A
Note: Distances shall be measured along the path of the hose lay as it comes off the fire apparatus.			
a) Is the fire lane at least 26' wide for at least 20-feet on each side of the hydrants?	☐ Yes	☑ No	☐ N/A
b) Is there at least 40' between a hydrant and the building?	☑ Yes	☐ No	☐ N/A
c) Are the hydrant(s) setback no less than 5-feet nor more than 10-feet from the curb or edge of the street or fire lane?	☑ Yes	☐ No	☐ N/A
d) Are hydrants located in parking lot islands a minimum of 3½-feet from the hydrant to the curb?	☑ Yes	☐ No	☐ N/A
e) Are there no obstructions, including but not limited to: power poles, trees, bushes, fences, posts located, or grade changes exceeding 1½-feet, within 5-feet of a fire hydrant?	☑ Yes	☐ No	☐ N/A
Note: Hydrants shall be installed and in-service prior to combustible construction on the project site.			

Attach an additional sheet if further explanation is required for any answers.

This worksheet is based on **MGO 34.503** and **IFC 2021 Edition Chapter 5 and Appendix D**; please see the codes for further information.

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

1919 ALLIANT ENERGY CENTER WAY
MADISON, WI 53713

PROJECT NO. : 2025043

DESIGN TEAM

ARCHITECT OF RECORD

STRANG, INC.

ARCHITECTURAL DESIGN AND LANDSCAPE ARCHITECTURE

PERKINS & WILL

STRUCTURAL ENGINEERING

GRAEF

CIVIL ENGINEERING

GRAEF

MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DESIGN

STRANG, INC.

SHEET INDEX

ELECTRICAL
E012 LIGHT TRESPASS PHOTOMETRIC PLAN
E013 LIGHTING PHOTOMETRIC PLAN
E014 SITE LIGHTING FIXTURES

SITE LOCATION MAP



AERIAL PHOTO



COPYRIGHT STRANG, INC. 2026

DRAWING SET UDC

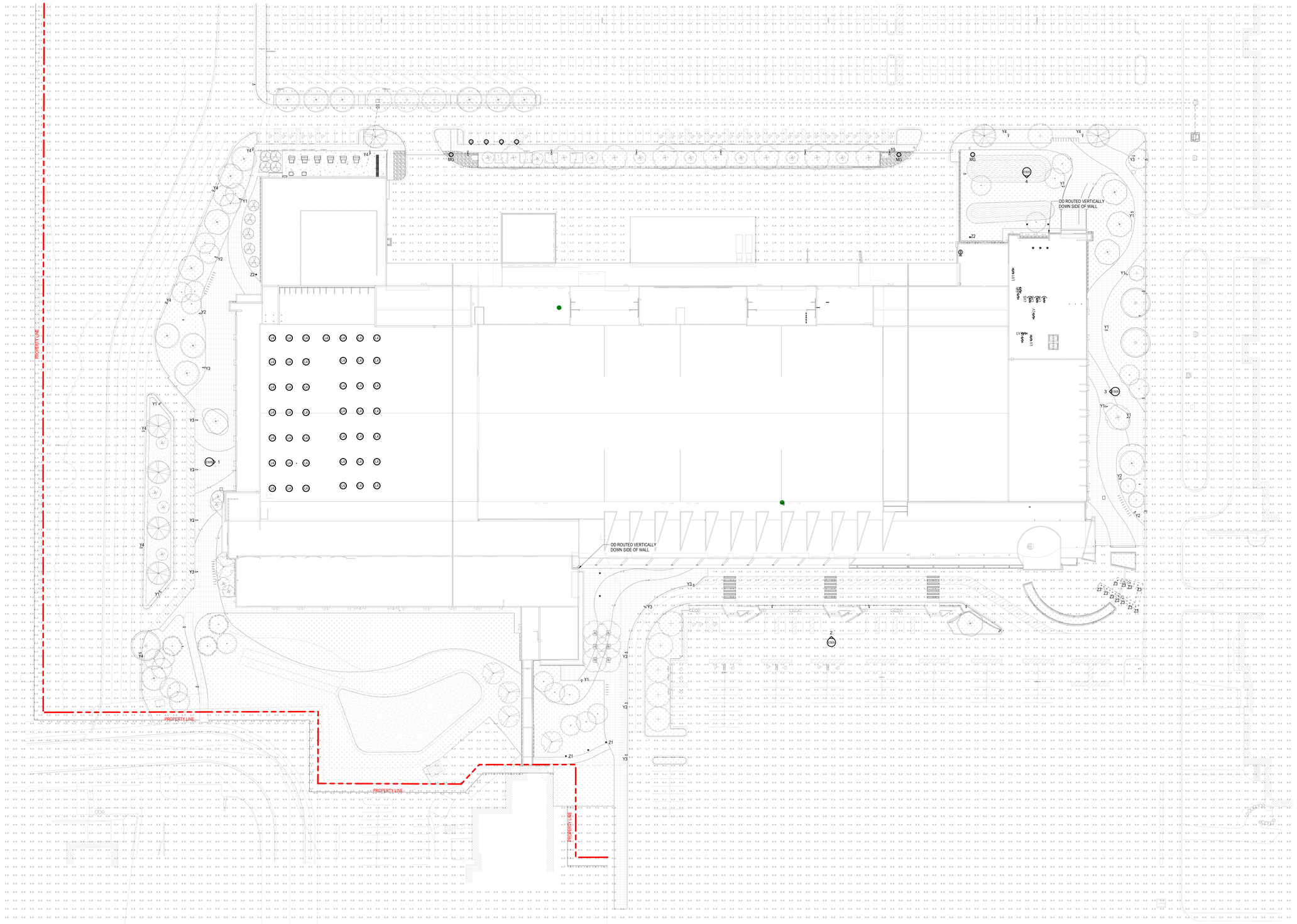
DATE 05/18/2026

SHEET NAME

TITLE SHEET

SHEET NO.

T001



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Calc light trespass at 10ft beyond property line - at grade	Illuminance	Fc	0.02	0.4	0.0	N.A.	N.A.
Overall site plan calculations	Illuminance	Fc	0.50	24.2	0.0	N.A.	N.A.

1 E012 **LIGHT TRESPASS PHOTOMETRIC PLAN**
SCALE: 1" = 40'-0"

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
MADISON, WI | WAUKESHA, WI

UDC SUBMISSION 05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET UDC-PRE
DATE 05/18/2026
PROJECT NO. 2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

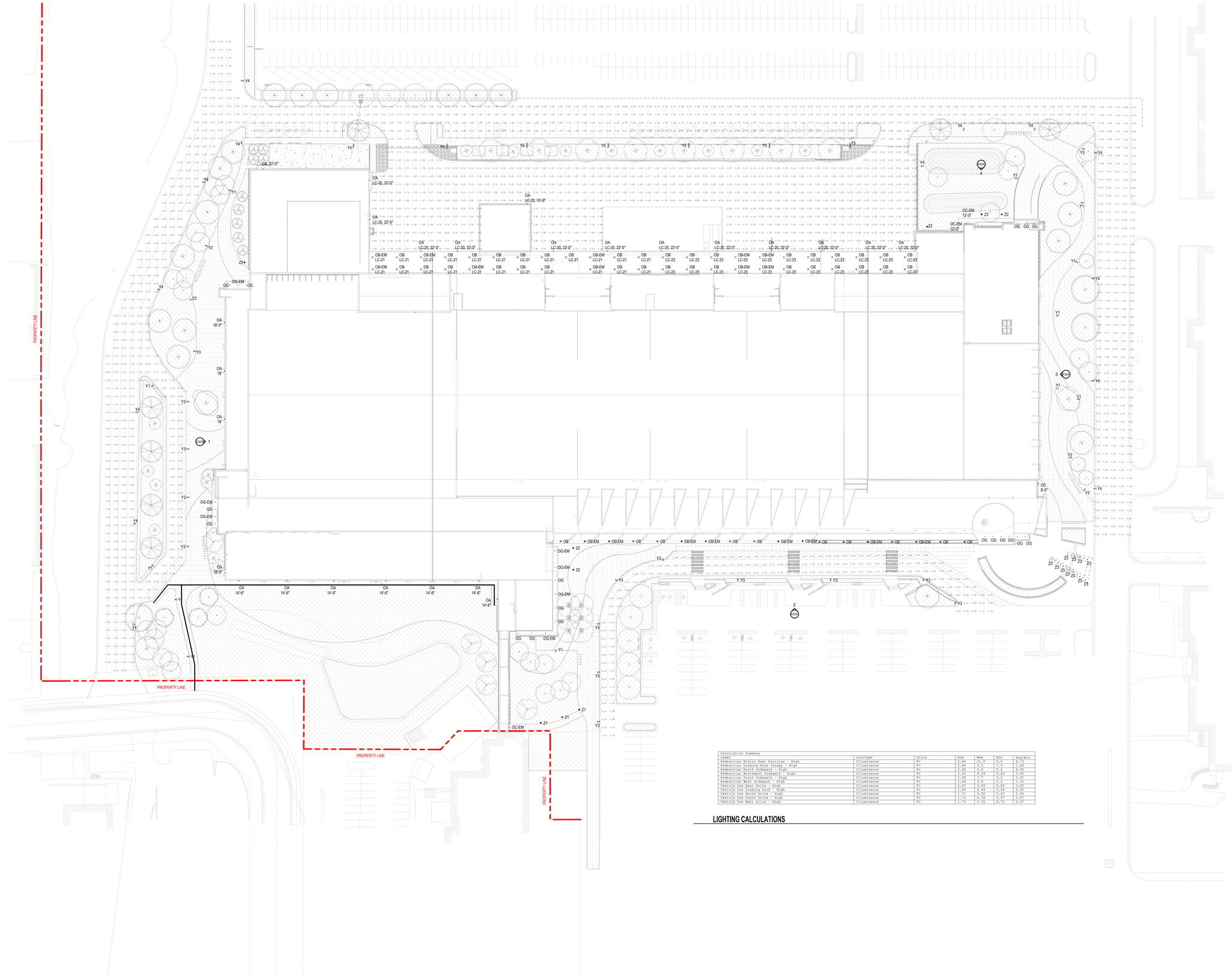
1881 EXPO MALL
MADISON, WI 53713

SHEET NAME

UDC - LIGHT TRESPASS PHOTOMETRIC PLAN

SHEET NO.

E012



Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
Pedestrian Bistro East Pavilion - High	Illuminance	Fc	2.84	21.0	0.6	4.73
Pedestrian Loading Dock Canopy - High	Illuminance	Fc	2.84	3.3	1.9	1.49
Pedestrian North Sidewalk - High	Illuminance	Fc	2.45	5.8	0.6	4.08
Pedestrian Northwest Sidewalk - High	Illuminance	Fc	3.25	9.29	0.83	3.92
Pedestrian South Sidewalk - High	Illuminance	Fc	2.38	7.7	0.6	3.97
Pedestrian West Sidewalk - High	Illuminance	Fc	2.44	5.8	2.0	1.32
Vehicle Use East Drive - High	Illuminance	Fc	2.07	4.94	0.69	3.00
Vehicle Use Loading Dock - High	Illuminance	Fc	1.89	4.49	0.64	2.95
Vehicle Use North Drive - High	Illuminance	Fc	1.71	4.50	0.67	2.55
Vehicle Use South Drive - High	Illuminance	Fc	1.72	4.36	0.67	2.57
Vehicle Use West Drive - High	Illuminance	Fc	1.73	3.55	0.70	2.47

LIGHTING CALCULATIONS

1 E013 **LIGHTING PHOTOMETRIC PLAN**
SCALE: 1" = 40'-0"

STRANG
ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

MADISON, WI | WAUKESHA, WI

UDC SUBMISSION 05/18/2026

NOT FOR CONSTRUCTION

COPYRIGHT STRANG, INC. 2026

DRAWING SET	UDC-PRE
DATE	05/18/2026
PROJECT NO.	2025043

PROJECT TITLE

ALLIANT ENERGY CENTER - EXHIBITION EXPANSION

1881 EXPO MALL
MADISON, WI 53713

SHEET NAME

UDC - LIGHTING PHOTOMETRIC PLAN

SHEET NO.

E013



D-Series Size 0
LED Area Luminaire

DSXOLED P4 40K 80CRI T3M XVOLT

Notes:

Type: Y1

Click the Type field to see all available choices.

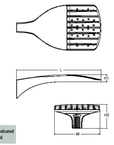
Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications, with typical energy savings of 70% and expected service life of over 100,000 hours.

Specifications

EPA: 0.44 ft² (0.04 m²)
Length: 26.18" (66.5 cm)
Width: 14.06" (35.7 cm)
Height H1: 2.26" (5.7 cm)
Height H2: 7.46" (18.9 cm)
Weight: 23 lbs (10.4 kg)



design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Design Select options indicated by this color background.

Ordering Information

EXAMPLE: DSX0 LED P6 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX0 LED

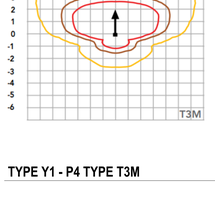
Series	LEDs	Color temperature*	Color Rendering Index*	Distribution	Voltage	Mounting
DSX0 LED	**Forward optics** P1 P5 P2 P6 P3 P7 P4 **Rotated optics** P10¹ P12¹ P11¹ P13¹	(this section 70CRI only) 30K 3000K 40K 4000K 50K 5000K 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	70CRI 80CRI 80CRI 80CRI 80CRI 80CRI	AFR Automotive front row T1S Type 1 short T2M Type II medium T3M Type III medium T4M Type IV medium T5W Type V wide T5VW Type V very wide T5S Type V short T6S Type VI short T6M Type VI medium T6W Type VI wide T6VW Type VI very wide T7M Type VII medium T7S Type VII short BLC3 Type III backlight control BLC4 Type IV backlight control LCCO Left corner cutoff RCCO Right corner cutoff	MVOLT (120V-277V)[1] HVOLT (347V-480V)[1] UVOLT (277V-480V)[1] 120 V,[2] 208 V,[2] 240 V,[2] 277 V,[2] 347 V,[2] 480 V,[2]	**Shipped included** SPA Square pole mounting (4ft drilling, 5.5" max. tip plate) RPA Round pole mounting (4ft drilling, 3" min. ANSI pole) SPA5 Square pole mounting (5ft drilling, 3" min. tip plate)[3] RPA5 Round pole mounting (5ft drilling, 3" min. ANSI pole)[3] SPAXR Square narrow pole mounting (4ft drilling, 3" min. tip pole) WBA Wall bracket [4] MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 PIRHN nLight AIR gen 2 enabled with bi-level motion/ ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc [5,6,8,9] PIR High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc [5,6,8,9] PER NEMA twist-lock receptacle only (controls ordered separate) [6,7] PERS Five-pin receptacle only (controls ordered separate) [6,7] PERT Seven-pin receptacle only (controls ordered separate) [6,7] FAO Field adjustable output [6,10] BL30 Bi-level switched dimming, 30% [6,9] BL50 Bi-level switched dimming, 50% [6,9] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) [6] **Shipped separately** BSGR External Glare Shield (reversible, field install required, matches housing finish) BSBR Bird Spikes (field install required)	**Shipped installed** HS Houseside shield (black finish standard) [8] LW Left-rotated optics [1] RW Right-rotated optics [1] CCE Coastal Construction [8] HA 50°C ambient operation [8] BAA Buy America(n) Act and/or Build America Buy America Qualified SF Single fuse (120, 277, 347V) [8] DF Double fuse (208, 240, 480V) [8] **Shipped separately** BSGR External Glare Shield (reversible, field install required, matches housing finish) BSBR Bird Spikes (field install required)	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Accessories

Service	12NC	Description
	(4) 3/8X1X1.5 A/B 2N-2W-5LW + (1) Template	
For shipment with the bollard (order 1 per bollard)	912401536601	KIT, PBL ANCHOR BOLTS & TEMPL

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.



TYPE Y1 - P4 TYPE T3M



D-Series Size 0
LED Area Luminaire

DSXOLED P4 40K 80CRI T4M XVOLT

Notes:

Type: Y2

Click the Type field to see all available choices.

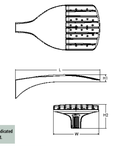
Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications, with typical energy savings of 70% and expected service life of over 100,000 hours.

Specifications

EPA: 0.44 ft² (0.04 m²)
Length: 26.18" (66.5 cm)
Width: 14.06" (35.7 cm)
Height H1: 2.26" (5.7 cm)
Height H2: 7.46" (18.9 cm)
Weight: 23 lbs (10.4 kg)



design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Design Select options indicated by this color background.

Ordering Information

EXAMPLE: DSX0 LED P6 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX0 LED

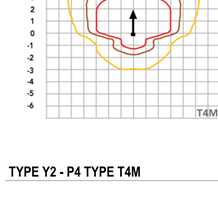
Series	LEDs	Color temperature*	Color Rendering Index*	Distribution	Voltage	Mounting
DSX0 LED	**Forward optics** P1 P5 P2 P6 P3 P7 P4 **Rotated optics** P10¹ P12¹ P11¹ P13¹	(this section 70CRI only) 30K 3000K 40K 4000K 50K 5000K 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	70CRI 80CRI 80CRI 80CRI 80CRI 80CRI	AFR Automotive front row T1S Type 1 short T2M Type II medium T3M Type III medium T4M Type IV medium T5W Type V wide T5VW Type V very wide T6S Type VI short T6M Type VI medium T6W Type VI wide T6VW Type VI very wide T7M Type VII medium T7S Type VII short BLC3 Type III backlight control BLC4 Type IV backlight control LCCO Left corner cutoff RCCO Right corner cutoff	MVOLT (120V-277V)[1] HVOLT (347V-480V)[1] UVOLT (277V-480V)[1] 120 V,[2] 208 V,[2] 240 V,[2] 277 V,[2] 347 V,[2] 480 V,[2]	**Shipped included** SPA Square pole mounting (4ft drilling, 5.5" max. tip plate) RPA Round pole mounting (4ft drilling, 3" min. ANSI pole) SPA5 Square pole mounting (5ft drilling, 3" min. tip plate)[3] RPA5 Round pole mounting (5ft drilling, 3" min. ANSI pole)[3] SPAXR Square narrow pole mounting (4ft drilling, 3" min. tip pole) WBA Wall bracket [4] MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 PIRHN nLight AIR gen 2 enabled with bi-level motion/ ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc [5,6,8,9] PIR High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc [5,6,8,9] PER NEMA twist-lock receptacle only (controls ordered separate) [6,7] PERS Five-pin receptacle only (controls ordered separate) [6,7] PERT Seven-pin receptacle only (controls ordered separate) [6,7] FAO Field adjustable output [6,10] BL30 Bi-level switched dimming, 30% [6,9] BL50 Bi-level switched dimming, 50% [6,9] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) [6] **Shipped separately** BSGR External Glare Shield (reversible, field install required, matches housing finish) BSBR Bird Spikes (field install required)	**Shipped installed** HS Houseside shield (black finish standard) [8] LW Left-rotated optics [1] RW Right-rotated optics [1] CCE Coastal Construction [8] HA 50°C ambient operation [8] BAA Buy America(n) Act and/or Build America Buy America Qualified SF Single fuse (120, 277, 347V) [8] DF Double fuse (208, 240, 480V) [8] **Shipped separately** BSGR External Glare Shield (reversible, field install required, matches housing finish) BSBR Bird Spikes (field install required)	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Accessories

Service	12NC	Description
	(4) 3/8X1X1.5 A/B 2N-2W-5LW + (1) Template	
For shipment with the bollard (order 1 per bollard)	912401536601	KIT, PBL ANCHOR BOLTS & TEMPL

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.



TYPE Y2 - P4 TYPE T4M



D-Series Size 0
LED Area Luminaire

DSXOLED P4 40K 80CRI T5M XVOLT

Notes:

Type: Y3

Click the Type field to see all available choices.

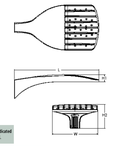
Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications, with typical energy savings of 70% and expected service life of over 100,000 hours.

Specifications

EPA: 0.44 ft² (0.04 m²)
Length: 26.18" (66.5 cm)
Width: 14.06" (35.7 cm)
Height H1: 2.26" (5.7 cm)
Height H2: 7.46" (18.9 cm)
Weight: 23 lbs (10.4 kg)



design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Design Select options indicated by this color background.

Ordering Information

EXAMPLE: DSX0 LED P6 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX0 LED

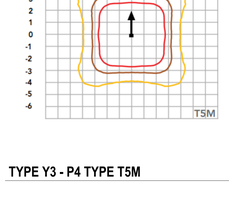
Series	LEDs	Color temperature*	Color Rendering Index*	Distribution	Voltage	Mounting
DSX0 LED	**Forward optics** P1 P5 P2 P6 P3 P7 P4 **Rotated optics** P10¹ P12¹ P11¹ P13¹	(this section 70CRI only) 30K 3000K 40K 4000K 50K 5000K 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	70CRI 80CRI 80CRI 80CRI 80CRI 80CRI	AFR Automotive front row T1S Type 1 short T2M Type II medium T3M Type III medium T4M Type IV medium T5W Type V wide T5VW Type V very wide T6S Type VI short T6M Type VI medium T6W Type VI wide T6VW Type VI very wide T7M Type VII medium T7S Type VII short BLC3 Type III backlight control BLC4 Type IV backlight control LCCO Left corner cutoff RCCO Right corner cutoff	MVOLT (120V-277V)[1] HVOLT (347V-480V)[1] UVOLT (277V-480V)[1] 120 V,[2] 208 V,[2] 240 V,[2] 277 V,[2] 347 V,[2] 480 V,[2]	**Shipped included** SPA Square pole mounting (4ft drilling, 5.5" max. tip plate) RPA Round pole mounting (4ft drilling, 3" min. ANSI pole) SPA5 Square pole mounting (5ft drilling, 3" min. tip plate)[3] RPA5 Round pole mounting (5ft drilling, 3" min. ANSI pole)[3] SPAXR Square narrow pole mounting (4ft drilling, 3" min. tip pole) WBA Wall bracket [4] MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 PIRHN nLight AIR gen 2 enabled with bi-level motion/ ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc [5,6,8,9] PIR High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc [5,6,8,9] PER NEMA twist-lock receptacle only (controls ordered separate) [6,7] PERS Five-pin receptacle only (controls ordered separate) [6,7] PERT Seven-pin receptacle only (controls ordered separate) [6,7] FAO Field adjustable output [6,10] BL30 Bi-level switched dimming, 30% [6,9] BL50 Bi-level switched dimming, 50% [6,9] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) [6] **Shipped separately** BSGR External Glare Shield (reversible, field install required, matches housing finish) BSBR Bird Spikes (field install required)	**Shipped installed** HS Houseside shield (black finish standard) [8] LW Left-rotated optics [1] RW Right-rotated optics [1] CCE Coastal Construction [8] HA 50°C ambient operation [8] BAA Buy America(n) Act and/or Build America Buy America Qualified SF Single fuse (120, 277, 347V) [8] DF Double fuse (208, 240, 480V) [8] **Shipped separately** BSGR External Glare Shield (reversible, field install required, matches housing finish) BSBR Bird Spikes (field install required)	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Accessories

Service	12NC	Description
	(4) 3/8X1X1.5 A/B 2N-2W-5LW + (1) Template	
For shipment with the bollard (order 1 per bollard)	912401536601	KIT, PBL ANCHOR BOLTS & TEMPL

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.



TYPE Y3 - P4 TYPE T5M



D-Series Size 1
LED Area Luminaire

DSX1LED P4 40K 80CRI T2M XVOLT

Notes:

Type: Y4 & Y5

Click the Type field to see all available choices.

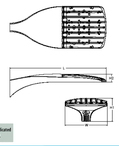
Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Specifications

EPA: 0.69 ft² (0.06 m²)
Length: 32.71" (83.1 cm)
Width: 14.26" (36.2 cm)
Height H1: 7.88" (20 cm)
Height H2: 2.73" (6.9 cm)
Weight: 34 lbs (15.9 kg)



design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Design Select options indicated by this color background.

Ordering Information

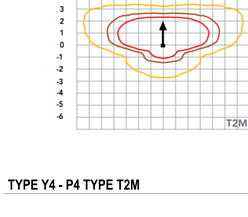
EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX1 LED

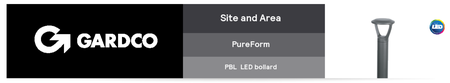
Series	LEDs	Color temperature*	Color Rendering Index*	Distribution	Voltage	Mounting
DSX1 LED	**Forward optics** P1 P6 P2 P7 P3 P8 P4 P9 P5 **Rotated optics** P10¹ P12¹ P11¹ P13¹	(this section 70CRI only) 30K 3000K 40K 4000K 50K 5000K 27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	70CRI 80CRI 80CRI 80CRI 80CRI 80CRI	AFR Automotive front row T1S Type 1 short T2M Type II medium T3M Type III medium T4M Type IV medium T5W Type V wide T5VW Type V very wide T6S Type VI short T6M Type VI medium T6W Type VI wide T6VW Type VI very wide T7M Type VII medium T7S Type VII short BLC3 Type III backlight control BLC4 Type IV backlight control LCCO Left corner cutoff RCCO Right corner cutoff	MVOLT (120V-277V)[1] HVOLT (347V-480V)[1] UVOLT (277V-480V)[1] 120 V,[2] 208 V,[2] 240 V,[2] 277 V,[2] 347 V,[2] 480 V,[2]	**Shipped included** SPA Square pole mounting (4ft drilling, 5.5" max. tip plate) RPA Round pole mounting (4ft drilling, 3" min. ANSI pole) SPA5 Square pole mounting (5ft drilling, 3" min. tip plate)[3] RPA5 Round pole mounting (5ft drilling, 3" min. ANSI pole)[3] SPAXR Square narrow pole mounting (4ft drilling, 3" min. tip pole) WBA Wall bracket [4] MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)

Control options	Other options	Finish (required)
Shipped installed NLTAIR2 PIRHN nLight AIR gen 2 enabled with bi-level motion/ ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc [5,6,8,9] PIR High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc [5,6,8,9] PER NEMA twist-lock receptacle only (controls ordered separate) [6,7] PERS Five-pin receptacle only (controls ordered separate) [6,7] PERT Seven-pin receptacle only (controls ordered separate) [6,7] FAO Field adjustable output [6,10] BL30 Bi-level switched dimming, 30% [6,9] BL50 Bi-level switched dimming, 50% [6,9] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) [6] DS Dual switching [6, 9, 11]	**Shipped installed** SPD240KV 240C surge protection HS Houseside shield (black finish standard) [8] LW Left-rotated optics [1] RW Right-rotated optics [1] CCE Coastal Construction [8] HA 50°C ambient operation [8] BAA Buy America(n) Act and/or Build America Buy America Qualified SF Single fuse (120, 277, 347V) [8] DF Double fuse (208, 240, 480V) [8] **Shipped separately** BSGR External Glare Shield (reversible, field install required, matches housing finish) BSBR Bird Spikes (field install required)	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

© 2011-2025 Acuity Brands Lighting, Inc. All rights reserved.



TYPE Y4 - P4 TYPE T2M



Site and Area
PureForm
PBL LED bollard

Gardco PureForm LED bollard PBL integrates a sleek, low profile design, extraordinary light output, and energy savings into an innovative pedestrian scale luminaire. PureForm bollard features a high performance optical system designed to achieve wide spacings and full cutoff performance. Three heights available for a customized look. IP66 optics ensure dust or moisture will never interfere with performance.

Project:
Location:
Cat.No.
Type:
Lamps: Qty:
Notes:

Ordering guide

example: PBL-42-14L-450-NW-02-5-UNV

Luminaire	Shaft Height	Number of LEDs	Drive Current	LED Color - generation	Distribution	Emergency	Voltage
PBL Pureform bollard	36 Standard Shaft 36" 42 Standard Shaft 42" 60 Standard Shaft 60"	14L 14 LEDs (full ring)	100 100mA 200 200mA 350 350mA 450 450mA 600 600mA 800 800mA 1060 1060mA	WW-02 Warm White 2000K, 80CRI, Generation 2 NW-02 Neutral White 4000K, 80CRI Generation 2 CW-02 Cool White 6000K, 70CRI Generation 2	5 Type 5 Type 5	Leave blank for no battery EBP Emergency battery [1,14]	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V UNV 120-277V (50/60HZ)

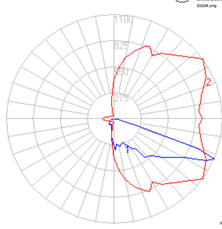
Options					
Dimming controls	Motion Sensing	Photo-sensing	Electrical	Finish	
DD 0-10V External dimming (by others) [14] FSIRS Field Adjustable [14] LLC Wireless controls without PIR sensor [14,5] BL Bi-level functionary with motion sensor [14]	IMRI Integral Infrared [14]	PCB Photocontrol button [14,15]	Fusing F1 Single (120, 277, 347VAC)* F2 Double (208, 240, 480VAC)* F3 Canadian Double Pull (208, 240, 480VAC)* Surge Protection (10kA standard) SP2 Increased 20kA GFCI Ground Fault Interrupt Outlet*	Textured BK Black WH White BZ Bronze DGY Dark Gray MDY Medium Gray Customer Specified RAL Special optional color or RAL (ex: RAL7024) CC Custom color (must supply color chip for required factory quote)	
DynaDimmer: Automatic Profile Dimming [14] CS50 Security 50% dimming, 7 hours CM50 Median 50% dimming, 8 hours CS30 Security 30% dimming, 7 hours CM30 Median 30% dimming, 8 hours					

1. Extended lead times apply. Contact factory for details.
2. Not available in 100, 200 or 350mA.
3. Not available with other control options.
4. Not available with motion sensor.
5. Not available with photocontrol.
6. Available only with BL dimming control.
7. Not available with LLC and CS/CM.
8. Must specify input voltage.
9. Available in 120V only.
10. Not available in 347 or 480V.
11. Not available in 100, 200, and 1050mA.
12. Not available with LLC.

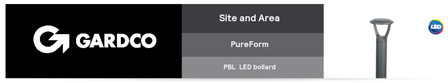
Accessories

Service	12NC	Description
For shipment with the bollard (order 1 per bollard)	912401536601	KIT, PBL ANCHOR BOLTS & TEMPL

Declare DARKSKY APPROVED 3000K only DLC LISTED UL



TYPE Z1 - TYPE T3



Site and Area
PureForm
PBL LED bollard

Gardco PureForm LED bollard PBL integrates a sleek, low profile design, extraordinary light output, and energy savings into an innovative pedestrian scale luminaire. PureForm bollard features a high performance optical system designed to achieve wide spacings and full cutoff performance. Three heights available for a customized look. IP66 optics ensure dust or moisture will never interfere with performance.

Project:
Location:
Cat.No.
Type:
Lamps: Qty:
Notes:

Ordering guide

example: PBL-42-14L-450-NW-02-5-UNV

Luminaire	Shaft Height	Number of LEDs	Drive Current	LED Color - generation	Distribution	Emergency	Voltage
PBL Pureform bollard	36 Standard Shaft 36" 42 Standard Shaft 42" 60 Standard Shaft 60"	14L 14 LEDs (full ring)	100 100mA 200 200mA 350 350mA 450 450mA 600 600mA 800 800mA 1060 1060mA	WW-02 Warm White 2000K, 80CRI Generation 2 NW-02 Neutral White 4000K, 80CRI Generation 2 CW-02 Cool White 6000K, 70CRI Generation 2	5 Type 5 Type 5	Leave blank for no battery EBP Emergency battery [1,14]	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V UNV 120-277V (50/60HZ)

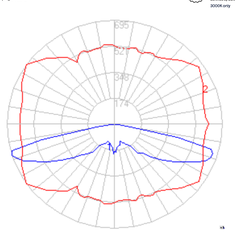
Options					
Dimming controls	Motion Sensing	Photo-sensing	Electrical	Finish	
DD 0-10V External dimming (by others) [14] FSIRS Field Adjustable [14] LLC Wireless controls without PIR sensor [14,5] BL Bi-level functionary with motion sensor [14]	IMRI Integral Infrared [14]	PCB Photocontrol button [14,15]	Fusing F1 Single (120, 277, 347VAC)* F2 Double (208, 240, 480VAC)* F3 Canadian Double Pull (208, 240, 480VAC)* Surge Protection (10kA standard) SP2 Increased 20kA GFCI Ground Fault Interrupt Outlet*	Textured BK Black WH White BZ Bronze DGY Dark Gray MDY Medium Gray Customer Specified RAL Special optional color or RAL (ex: RAL7024) CC Custom color (must supply color chip for required factory quote)	
DynaDimmer: Automatic Profile Dimming [14] CS50 Security 50% dimming, 7 hours CM50 Median 50% dimming, 8 hours CS30 Security 30% dimming, 7 hours CM30 Median 30% dimming, 8 hours					

1. Extended lead times apply. Contact factory for details.
2. Not available in 100, 200 or 350mA.
3. Not available with other control options.
4. Not available with motion sensor.
5. Not available with photocontrol.
6. Available only with BL dimming control.
7. Not available with LLC and CS/CM.
8. Must specify input voltage.
9. Available in 120V only.
10. Not available in 347 or 480V.
11. Not available in 100, 200, and 1050mA.
12. Not available with LLC.

Accessories

Service	12NC	Description
For shipment with the bollard (order 1 per bollard)	912401536601	KIT, PBL ANCHOR BOLTS & TEMPL

Declare DARKSKY APPROVED 3000K only DLC LISTED UL



TYPE Z2 - TYPE T5

HYDREL

CATALOG NUMBER: IGF6 BR LED P1 80CRI 40K MVOLT 30DEG 0T FLCSR DNA
NOTES:
TYPE: Z3



TIERRA
IGF6 STATIC WHITE
6" LED In-Grade Fixture

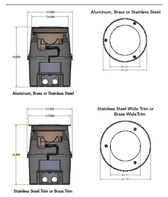
Specifications	Aluminum, Brass or Stainless Steel	Stainless Steel and Brass Wide Trim
Diameter:	6.38"	7.56"
	162 mm	187 mm
Height:	10.59"	10.59"
	266 mm	266 mm
Weight:	17LBS.	17.36LBS.

HIGHLIGHTS

- Patented "Flow-Thru" technology, featuring independently encapsulated LED module and Driver module
- Mechanical tilt of 0°, 5°, or 10°
- Modular Design to facilitate easy of installation, driver replacement, and light source updates as technology advances
- UV Stabilized, impact and corrosion resistant materials for the roughest operating environments
- Optimal beam control with eight unique distributions
- Color temperatures available in 27K, 30K, 35K, 40K and Amber Limited Wavelength
- Superior performance with up to 2,414 delivered lumens and a max CBCP of 68,160

5 YEAR
IP68
IAA
BABA

DIMENSIONS

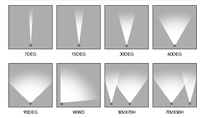


PERFORMANCE SUMMARY

	70RD	110DEG	30DEG	40DEG	90DEG	WWD	30VXTRW	70VXSRW
Max Delivered Lumens	1,414	1,524	2,414	2,388	2,314	2,060	2,381	2,381
Watts	23.23	23.23	22.34	22.34	22.34	22.34	22.34	22.34
LPW	69	66	108	107	104	92	107	107
Max Candela	68,160	18,402	4,489	2,344	1,055	3,144	3,215	3,215

Note: 70DEG and 110DEG data based on 4000K @ P1 performance package; all other distributions' data based on 4000K @ P3 performance package.

STANDARD DISTRIBUTION



AIMING DETAILS



TYPE Z3 - FLAG POLE

HYDREL

TIERRA IGF6 LED IN-GRADE | 2

ORDERING INFORMATION

EXAMPLE: IGF6 BR LED P1 80CRI 27K MVOLT 15DEG 0T FLC 34B IHL ZT

Model*	Door Material*	Source*	Performance Package*	CRI*	Color Temperature*	Voltage*	Distribution*
IGF6 In-Grade Fixture 6"	A Aluminum BR Brass SS Stainless Steel SST Stainless Steel With Wide Trim BST Brass Wide Trim	LED LED	P1 P2 P3 Note: 70DEG and 15DEG is only available with P1. Note: AMBLW is only available with P1	80CR 80CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K AMBLW Amber Limited Wavelength Note: 35K is not available in 70DEG and 15DEG. Note: 70DEG is not available with AMBLW	MVOLT 120-277 Volt 50/60HZ	70DEG P1 15DEG 10° 30DEG 20° 40DEG 30° 90DEG 90° WWD Wall Wash Distribution 30VXTRW 30° x 70° 70VXSRW 70° x 30°

Tile*	Lens*	Conduit Entries*	Internal Accessories	Control Input*	Finish
0T 0° Tilt 5T 5° Tilt 10T 10° Tilt	FLC Flat Lens Clear FLCSR Flat Lens Clear - Slip Resistant Lens Note: FLCSR lens, meets the requirements for coefficient of friction	34B 3/4" NPT Bottom and Side, two on bottom and 4 3/4" side, two on each side 180° apart 34S 3/4"NPT Side (includes 4 3/4" side, two on each side 180° apart	IHL Internal Honeycomb Louver ISS Internal Source Shield Note: IHL and ISS are not available with 0T and 10T tile options. Note: If IHL is not available with IHL and ISS	ZT 0-10V Dimming Wires to Driver, Dim to Dark ELV Reverse Phase	BL Black BZ Bronze BRS Bronze Smooth BRT Bronze Textured DBL Black Smooth DDB Designer Bronze DN