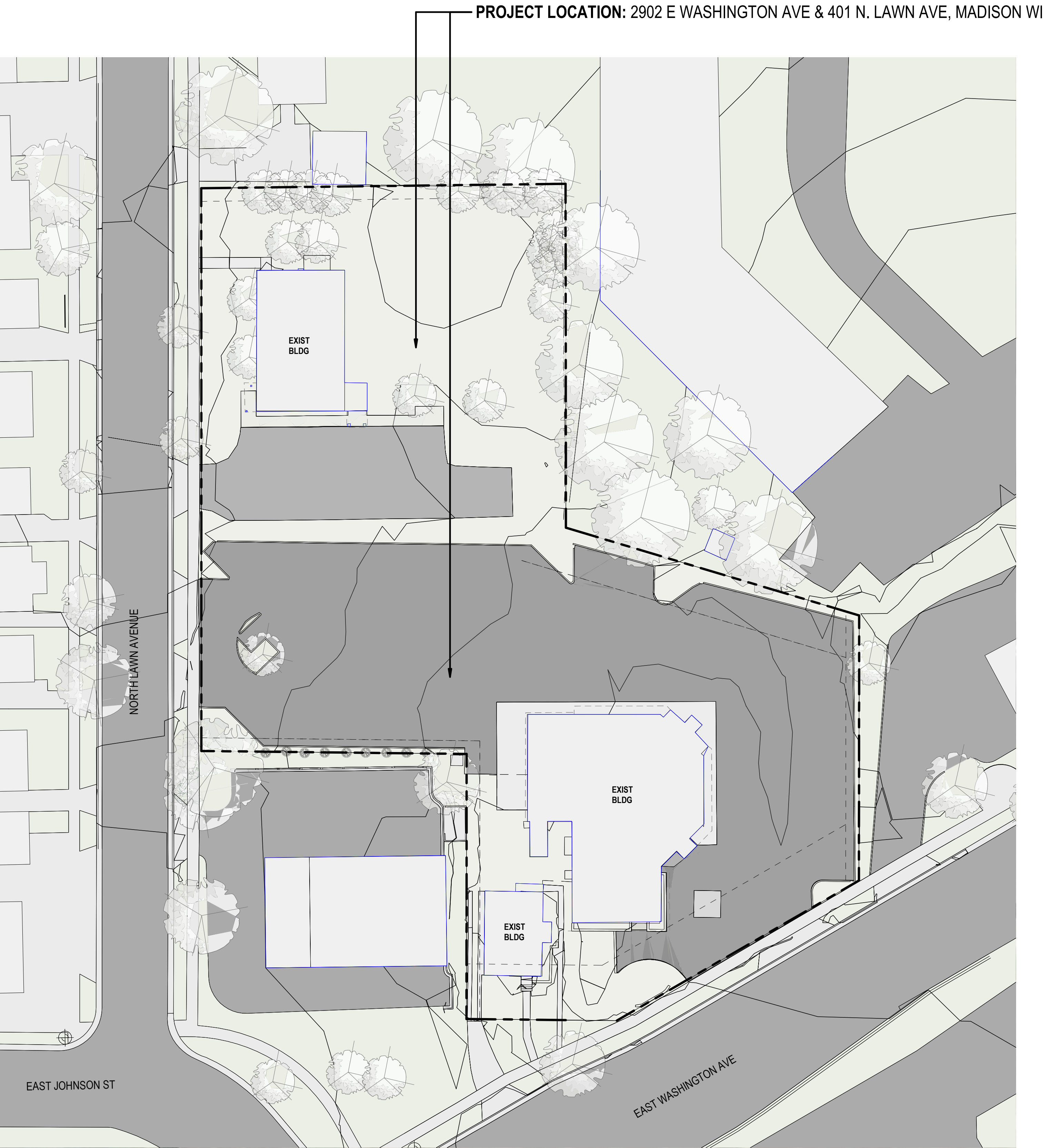


2902 E. WASHINGTON AVENUE

LOCATION MAP



PROJECT / ZONING INFORMATION

PROPOSED USE / OCCUPANCY:	FIRST FLOOR UPPER FLOORS PARKING	(B) COMMERCIAL (R2) RESIDENTIAL (S2) PARKING
CURRENT ZONING:	CCT - 2902 E WASHINGTON AVE 401 N. LAWN AVE	
SETBACKS FRONT: SIDE: REAR:	PER ZONING CODE 25' MAXIMUM 6' 20'	
BUILDING HEIGHT:	5 STORIES	
TOTAL SITE AREA:	71,407 SF (1.64 ACRES) (56,981 SF COVERAGE)	
LOT COVERAGE:	79.8%	
USABLE OPEN AREA: REQUIRED:	SITE ROOF TERRACE TOTAL	XX SF XX SF XX SF (160 SF/UNIT)

BUILDING AREA

RESIDENTIAL UNITS + COMMON AREA (R2)	135,655 GSF
COMMERCIAL (B)	7,538 GSF
BELOW GRADE PARKING (S2)	45,003 GSF
COMBINED TOTAL	188,196 GSF

UNIT INFORMATION

UNITS	FLOORS	1ST	2ND	3RD	4TH	5TH	TOTALS
1 BR		12	30	27	25	15	109
2 BR		4	6	7	7	2	26
TOTAL UNITS		16	36	34	32	17	135
TOTAL BEDROOMS		20	42	41	39	19	161

PARKING SUMMARY

VEHICLE PARKING STALLS

BELOW GRADE (RESIDENT PARKING)	
REGULAR	104
ACCESSIBLE	2
VAN ACCESSIBLE	1

SURFACE (COMMERCIAL PARKING)	
REGULAR	10
VAN ACCESSIBLE	1
GRAND TOTAL	118

BIKE PARKING STALLS	
APARTMENT RESIDENTS (1/UNIT, MIN)	135
APARTMENT VISITORS (1/10 UNITS)	14
COMMERCIAL (1 PER 2,000 SF)	4
TOTAL	153

PROJECT TEAM

OWNER/DEVELOPER
2902 E. WASHINGTON AVENUE, LLC

ARCHITECTS
MORRISON TILLS STUDIO (MoTiS)
POTTER LAWSON

LANDSCAPE ARCHITECT
GRAEF

CIVIL ENGINEER
WYSER ENGINEERING

STRUCTURAL ENGINEER
ECHELON STRUCTURES, LLC

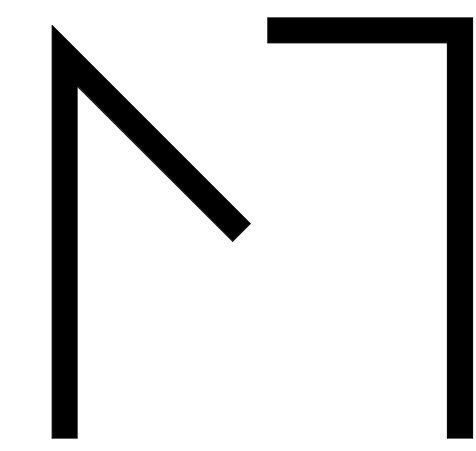
DRAWING LIST

GENERAL	
G100	PROJECT INFORMATION
G201	EXISTING BUILDING IMAGES

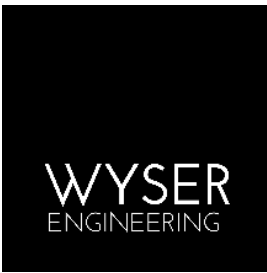
SITE	
V001	- TOPOGRAPHIC AND UTILTIY MAP
C100	- SITE PLAN
C101	- FIRE APPARATUS PLAN
C102	- DEMOLITION PLAN
C200	- GRADING & EROSION CONTROL PLAN
C201	- DETAIL GRADING PLAN
C300	- UTILITY PLAN
C400	- DETAILS
L100	- LANDSCAPE PLAN
L101	- SITE LIGHTING PLAN

ARCHITECTURAL	
A100	- PARKING LEVEL PLAN
A101	- FIRST FLOOR PLAN
A102	- SECOND FLOOR PLAN
A103	- THIRD FLOOR PLAN
A104	- FOURTH FLOOR PLAN
A105	- FIFTH FLOOR/ ROOF PLAN
A201	- BUILDING ELEVATIONS @ N LAWN
A201C	- BUILDING ELEVATIONS @ N LAWN- COLOR
A202	- BUILDING ELEVATIONS @ E WASHINGTON
A202C	- BUILDING ELEVATIONS @ E WASHINGTON- COLOR
A203	- BUILDING ELEVATIONS @ E WASHINGTON
A203C	- BUILDING ELEVATIONS @ E WASHINGTON- COLOR
A211	- BUILDING PERSPECTIVE VIEWS

NOT FOR CONSTRUCTION- FOR REFERENCE ONLY



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Studio



2902 E.
WASHINGTON

2902 E. WASHINGTON AVE,
MADISON, WI 53704

No.	Description	Date

PROJECT NO: 1913
DATE: 05/20/2020

SHEET TITLE

INFORMATION COVER
SHEET

G100

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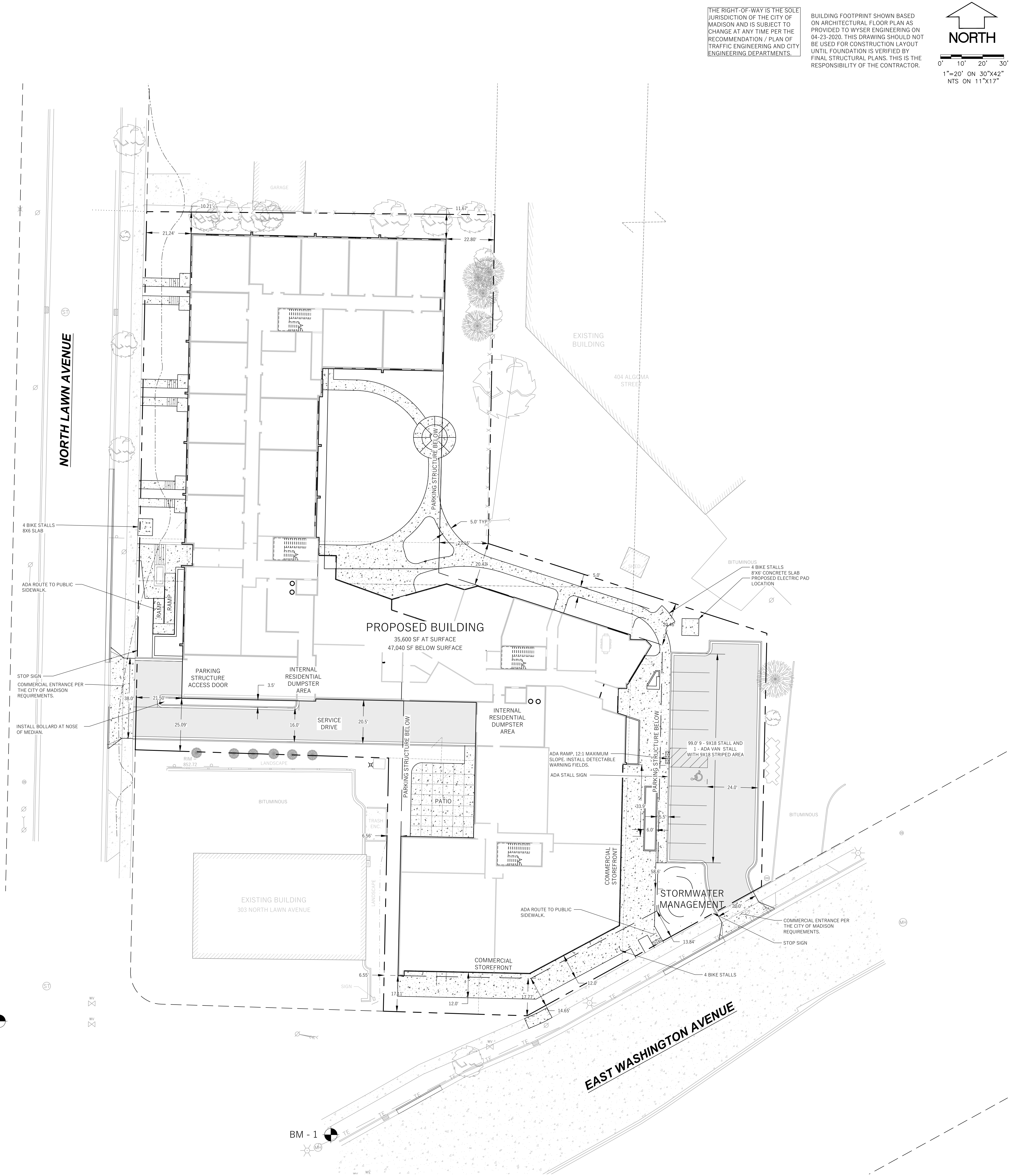
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5/5/2020 9:54:54 AM

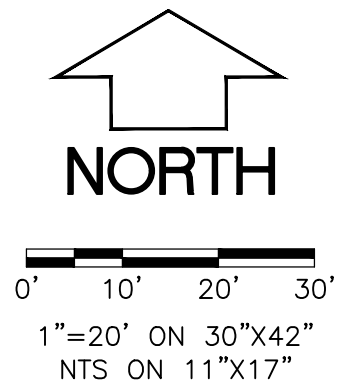
BM - 2

BM - 1



THE RIGHT-OF-WAY 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.

BUILDING FOOTPRINT SHOWN BASED ON ARCHITECTURAL FLOOR PLAN AS PROVIDED TO WYSER ENGINEERING ON 04-23-2020. THIS DRAWING SHOULD NOT BE USED FOR CONSTRUCTION LAYOUT UNTIL FOUNDATION IS VERIFIED BY FINAL STRUCTURAL PLANS. THIS IS THE RESPONSIBILITY OF THE CONTRACTOR.



LEGEND (PROPOSED)	
	PROPOSED PROPERTY BOUNDARY
	EASEMENT
	BUILDING FOOTPRINT
	18" CURB AND GUTTER
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	STORMWATER TREATMENT FACILITY

GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON THE WEEK OF MARCH 13, 2020. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

SITE INFORMATION BLOCK:

SITE ADDRESS: 2814 & 2902 E. JOHNSON & 401 N. LAWN
SITE ACREAGE: 71,407 SQ.FT. (1.64 AC)
USE OF PROPERTY: COMMERCIAL
ZONING: COMMERCIAL CORRIDOR - TRANSITIONAL (CC-T)

SETBACKS:
FRONT YARD (EAST WASHINGTON AND NORTH LAWN): 25-FEET MAX
REAR YARD: 20-FEET
SIDE YARD: 6-FEET

TOTAL NUMBER OF PARKING STALLS:
NUMBER OF STALLS DESIGNATED ACCESSIBLE:
SURFACE STALLS: 10
ACCESSIBLE SURFACE STALLS: 1

TOTAL NUMBER OF SURFACE BIKE STALLS: 12
EXISTING IMPERVIOUS SURFACE AREA: 46,523 SQ.FT.
ROOFTOP: 9,779 SQ.FT.
SIDEWALK: 2,755 SQ.FT.
PAVED PARKING: 33,989 SQ.FT.

NEW IMPERVIOUS SURFACE AREA (INCLUDING BELOW GRADE PARKING AREA):
52,216 SQ.FT. (56,981 SQ.FT.)
ROOFTOP: 35,600 SQ.FT.
ADDITIONAL BELOW GRADE PARKING OUTSIDE BUILDING
FOOTPRINT AREA: 10,614 SQ.FT.
SIDEWALK: 8,072 SQ.FT.
PORTION ABOVE BELOW GRADE PARKING AREA: 5,127 SQ.FT.
PAVED: 8,544 SQ.FT.
PORTION ABOVE BELOW GRADE PARKING AREA: 722 SQ.FT.

DISTURBANCE LIMITS: 71,407 SQ. FT.
IMPERVIOUS SURFACE AREA WITHIN DISTURBANCE LIMITS: 52,216 SQ. FT. (56,981 SQ.FT.)
MAXIMUM PERCENT IMPERVIOUS: 85%
PERCENT IMPERVIOUS WITHIN DISTURBANCE LIMITS: 73.1% (79.8%)

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Potter
Lawson

WYSER
ENGINEERING

GräEF

ECHOLON
STRUCTURES LLC

2902 E.
WASHINGTON

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MADISON, WI 53704

No.	Description	Date

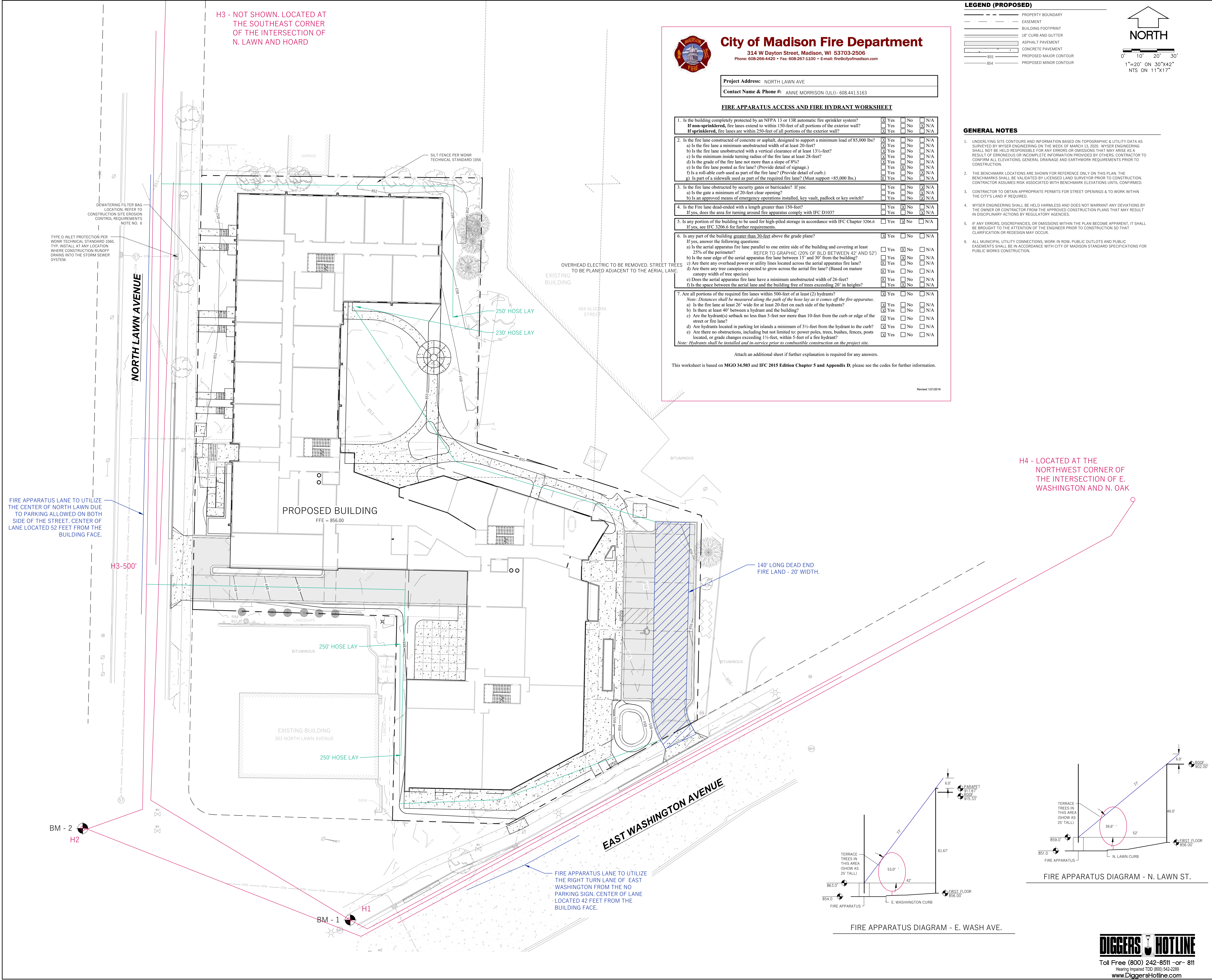
PROJECT NO: 1913
DATE: 05/20/2020
SHEET TITLE
Site Plan

C100

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Toll Free (800) 242-8511 -or- 811
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com



City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703-2506
Phone: 608-266-4420 • Fax: 608-267-5100 • E-mail: fire@cityofmadison.com

Project Address: NORTH LAWN AVE
Contact Name & Phone #: ANNE MORRISON (ULI) - 608.441.5163







FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

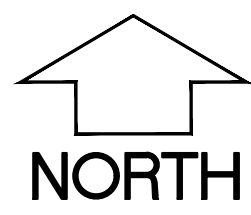
1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If non-sprinklered, fire lanes extend to within 150-feet of all portions of the exterior wall?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If sprinklered, fire lanes are within 250-feet of all portions of the exterior wall?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
a) Is the fire lane a minimum unobstructed width of at least 20-feet?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
b) Is the fire lane unobstructed with a vertical clearance of at least 13 1/2-feet?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
c) Is the minimum inside turning radius of the fire lane at least 28-feet?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
d) Is the grade of the fire lane not more than a slope of 8%?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
e) Is the fire lane posted as fire lane? (Provide detail of signage.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
f) Is a roll-a-bulk curb used as part of the fire lane? (Provide detail of curb.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
3. Is the fire lane obstructed by security gates or barricades? If yes:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
a) Is the gate a minimum of 20-feet clear opening?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, does the area for turning around fire apparatus comply with IFC D-103?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, see IFC 3206.6 for further requirements.			
6. Is any part of the building greater than 30-feet above the grade plane?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> 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?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
b) Is the near edge of the aerial apparatus fire lane between 42' and 52'?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> 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?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
b) Is there at least 40' between a hydrant and the building?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> 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?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
d) Are hydrants located in parking lot islands a minimum of 3 1/2-feet from the hydrant to the curb?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
e) Are there no obstructions, including but not limited to: power poles, trees, bushes, fences, posts located, or grade changes exceeding 1 1/2-feet, within 5-feet of a fire hydrant?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> 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 2015 Edition Chapter 5 and Appendix D; please see the codes for further information.

Revised 12/12/18

LEGEND (PROPOSED)

	PROPERTY BOUNDARY
	EASEMENT
	BUILDING FOOTPRINT
	18" CURB AND GUTTER
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	PROPOSED MAJOR CON
	PROPOSED MINOR CON



0' 10' 20' 30'
1"=20' ON 30"x42"
NTS ON 11"x17"

GENERAL NOTES

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H4 - LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF E. WASHINGTON AND N. OAK

FIRE APPARATUS DIAGRAM - E. WASH. AVE.

FIRE APPARATUS DIAGRAM - N. LAWN ST.

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No.	Description	Date

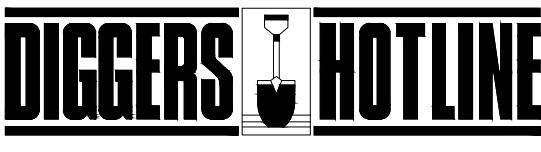
PROJECT NO: 1913
DATE: 05/20/2020

SHEET TITLE

Fire Apparatus Plan

C101

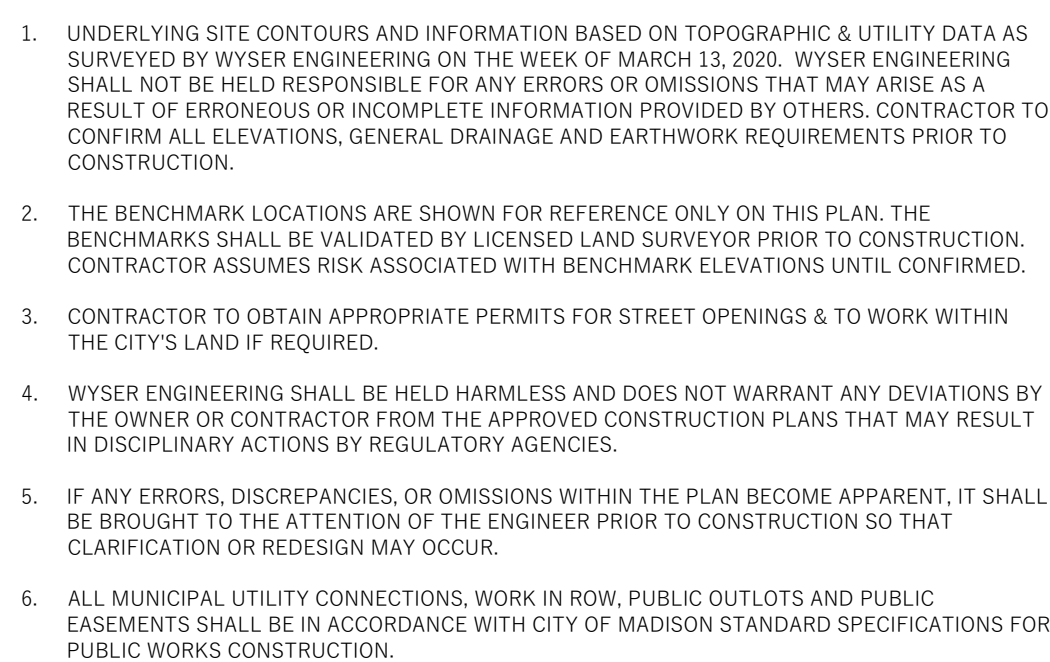
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	PROPERTY BOUNDARY
	EASEMENT
	BUILDING FOOTPRINT
	18" CURB AND GUTTER
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	PROPOSED MAJOR CON
	PROPOSED MINOR CON
	PROPOSED STORM SEW
	SILT FENCE
	INLET PROTECTION
	DITCH CHECK



POST WORK CERTIFICATION OF PERMIT CORRECTION AND MUNICIPAL CONSTRUCTION PERMITS ON SITE AND MAINTAIN UNIFORM CONSTRUCTION ACTIVITIES HAVE CEASED. THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH WORK.

2. KEEP A COPY OF THE CURRENT EROSION CONTROL PLAN ON SITE THROUGHOUT THE DURATION OF THE PROJECT.

3. ENGINEER / CITY OF MADISON / WORN HAS THE RIGHT TO REQUIRE CONTRACTOR TO IMPLEMENT ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY. CONTRACTOR MUST NOTIFY THE CITY OF MADISON BUILDING INSPECTOR TWO (2) BUSINESS DAYS IN ADVANCE OF ANY SUCH REQUIREMENTS.

4. SUBMIT PLAN REVISIONS OR AMENDMENTS TO THE WORN AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.

5. THE SITE CONTRACTOR IS RESPONSIBLE FOR ROUTINE SITE INSPECTIONS AT LEAST EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A RAINFALL EVENT OF 0.5 INCHES OR GREATER. KEEP INSPECTION RECORDS ON-SITE AND MAKE THEM AVAILABLE UPON REQUEST.

6. INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.

7. WHEN POSSIBLE, PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY (ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TPO).

8. REFER TO THE WORN STORMWATER CONSTRUCTION TECHNIQUE STANDARDS AT http://dnr.wisconsin.gov/topic/stormwater/standards/consr_standards.htm

9. INSTALL PERMITTER EROSION CONTROLS AND ROCK TRACKING PAD CONSTRUCTION ENTRANCE(S) PRIOR TO ANY LAND-DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING. USE WORN TECHNICAL STANDARD STONE TRACKING PAD AND TIRE WASHING #1057 FOR CONSTRUCTION ENTRANCE(S).

10. INSTALL INLET PROTECTION PRIOR TO LAND-DISTURBING ACTIVITIES IN THE CONTRIBUTING DRAINAGE AREA AND/OR IMMEDIATELY UPON INLET INSTALLATION. COMPLY WITH WORN TECHNICAL STANDARD STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES (1058) AND DRAINAGE CONTROL REQUIREMENTS FOR OPEN DRAINED INLET PROTECTION.

11. CONTRACTOR TO PROVIDE SOLID LID OR METAL PLATE ON ALL OPEN MANHOLES DURING CONSTRUCTION TO MINIMIZE SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM.

12. STAGE CONSTRUCTION GRADING ACTIVITIES TO MINIMIZE THE CUMULATIVE EXPOSED AREA. CONDUCT TEMPORARY GRADING FOR EROSION CONTROL PER WORN TECHNICAL STANDARD TEMPORARY GRADING PRACTICES FOR EROSION CONTROL #1067.

13. PERMITTING OF GROUNDWATER DEWATERING IS THE RESPONSIBILITY OF THE CONTRACTOR. GROUNDWATER DEWATERING IS SUBJECT TO AN ANTI-COUNTERPOLLUTION DISCHARGE PERMIT AND A ONE-HOUR CAPACITY WELL APPROVAL. IF CUMULATIVE PUMP CAPACITY IS TO 50 GPM OR MORE.

14. PROVIDE ANTI-COUNTERPOLLUTION PROTECTANT AND NON-EROSIVE FLOW DURING DEWATERING. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WORN TECHNICAL STANDARD SEDIMENT DEWATERING #1061.

15. INSTALL AND MAINTAIN SILT FENCING PER WORN TECHNICAL STANDARD SILT FENCE #1056. REMOVE SEDIMENT FROM BEHIND SILT FENCE IMMEDIATELY AFTER SEDIMENT REACHES A DEPTH THAT IS EQUAL TO ONE-HALF OF THE FENCE AND/OR BARRIER HEIGHT.

16. REPAIR BREAKS AND GAPS IN SILT FENCES AND BARRIERS IMMEDIATELY. REPLACE DISCONNECTED STRAW BALES (TYPICAL BALE IS 3 MONTHS). LOCATE, INSTALL, AND MAINTAIN STRAW BALES PER WORN TECHNICAL STANDARD DITCH CHECKS #1062.

17. INSTALL AND MAINTAIN FILTER SOCKS IN ACCORDANCE WITH WORN TECHNICAL STANDARD DITCH PERMANENT PERMEABLE FILTER SOCKS #1063.

18. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NECESSARY WITH SILT FENCE OR OTHER PERMETRIC CONTROL IF STOCKPILES WILL REMAIN ACTIVE FOR 7 DAYS OR LONGER.

19. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN ACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15, ALL DISTURBED AREAS MUST BE COVERED WITH A WEATHER RESISTANT ANNUAL, OR PERMANENT PERENNIAL, SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.

20. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE.

21. SWEEP/CLEAN UP ALL SEDIMENT TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE WORKDAY. MATERIALS NOT ALLOWED BY THE AUTHORITIES WITH JURISDICTION: SEPARATE WASTE MATERIALS (SOILS AND TRASH) AND DISPOSAL OF APPROPRIATELY.

22. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING SUDS PER WORN TECHNICAL STANDARD SUDS CONTROL ON CONSTRUCTION SITES #1068.

23. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO THE RECEIVING CHANNEL, RIVER, OR LAKE.

24. COORDINATE WITH THE AUTHORITIES WITH JURISDICTION TO UPDATE THE LAND DISTURBANCE PERMIT TO INDICATE THE ANTICIPATED OR LIKELY DISPOSAL LOCATIONS FOR ANY EXCAVATED SOILS OR CONSTRUCTION DEBRIS THAT WILL BE HAULED OFF-SITE FOR DISPOSAL. THE DEPOSITED OR STOCKPILED MATERIAL NEEDS TO INCLUDE PERMITTER SEDIMENT CONTROL MEASURES (SUCH AS SILT FENCE, HAY BALE FILTER SOCKS, OR COMPACTED CLAY BERM).

25. FOR NON-CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS CLASS 1 TYPE B EROSION CONTROL, MATTING, INSTALL AND MAINTAIN PER WORN TECHNICAL STANDARD NON-CHANNEL EROSION CONTROL #1052.

26. FOR CHANNELIZED FLOW ON DISTURBED OR CONSTRUCTED AREAS, PROVIDE CLASS CLASS II TYPE B EROSION CONTROL, MATTING UNLESS OTHERWISE SPECIFIED IN THE PLAN. INSTALL AND MAINTAIN PER WORN TECHNICAL STANDARD CHANNEL EROSION CONTROL #1053.

27. MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER THE WEATHER IS DRY.

28. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WORN REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSAL OF CONTAMINATED MATERIALS. SITE SPECIFIC INFORMATION FOR AREAS WITH CONTAMINATED SOILS AND GROUNDWATER REMEDIATION OR RESTORATION CAN BE FOUND ON WORN'S REGIONAL OF RECREATION AND DEVELOPMENT PLANNING SYSTEM (IBRITS) PUBLIC DATABASE AT: <http://dnr.wisconsin.gov>

29. INSTALL AND MAINTAIN A CONCRETE WASHOUT BASIN PER EPA 833-B-11-006. <http://www3.epa.gov/region9/docs/consr/washout.pdf>. REQUIRE USE OF ALL CONCRETE CATCHMENTS. LIQUID MAY BE REUSE IN CLEANING, EVAPORATED, OR DISPOSED OF AS WASTE.

1. ALL GRADES SHOWN ARE FINAL. FINISHED SURFACE GRADES.
2. AREAS TO BE SEEDDED SHALL HAVE A MINIMUM 6 INCHES TOPSOIL UNLESS OTHERWISE NOTED.
3. AREAS NOT RESTORED WITH EROSION MATTING OR OTHER STABILIZATION MEASURES SHALL BE STABILIZED WITH MULCH.
4. APPLY ANIONIC POLYMER TO DISTURBED AREAS IF EROSION BECOMES PROBLEMATIC.
5. MULCH SHALL BE WEED-FREE STRAW AND SHALL BE INSTALLED AT THE RATE OF 2 TONS PER ACRE PER SECTION 627 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION (WISDOT 2014).
6. PERMANENT SEEDING SHALL NOT OCCUR BETWEEN SEPTEMBER 15TH AND APRIL 15TH. ALTER SEEDING/PLANTING METHODS AND/OR EROSION PROTECTION MAY BE NECESSARY FOR SEEDING/PLANTING THAT OCCURS DURING THAT TIME. COORDINATE WITH THE OWNER AS NECESSARY.
7. TEMPORARY STABILIZATION SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING OPTIONS:
 - a. TEMPORARY SEEDING CONSISTING OF ANNUAL RYE GRASS APPLIED AT A RATE OF 1.5 LBS PER 1000 SQUARE FEET.
 - b. WISDOT PAL CLASS TYPE BUREN GRASS SEEDING.



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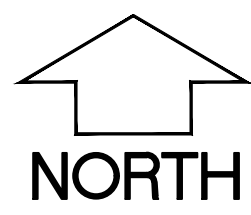
BM - 1

GENERAL NOTES

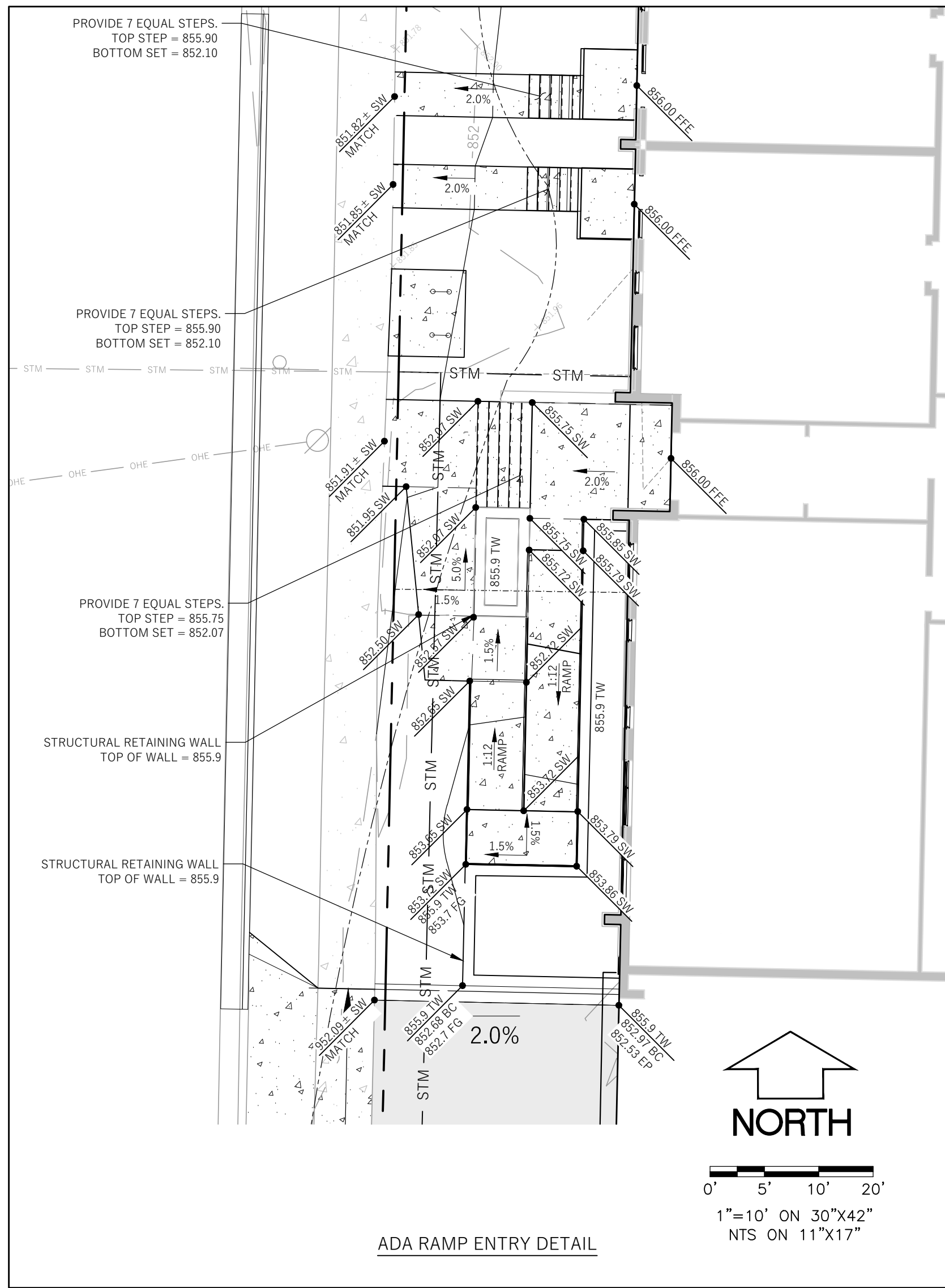
- UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON THE WEEK OF MARCH 13, 2020. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
- THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
- CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
- WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
- IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
- ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

LEGEND (PROPOSED)

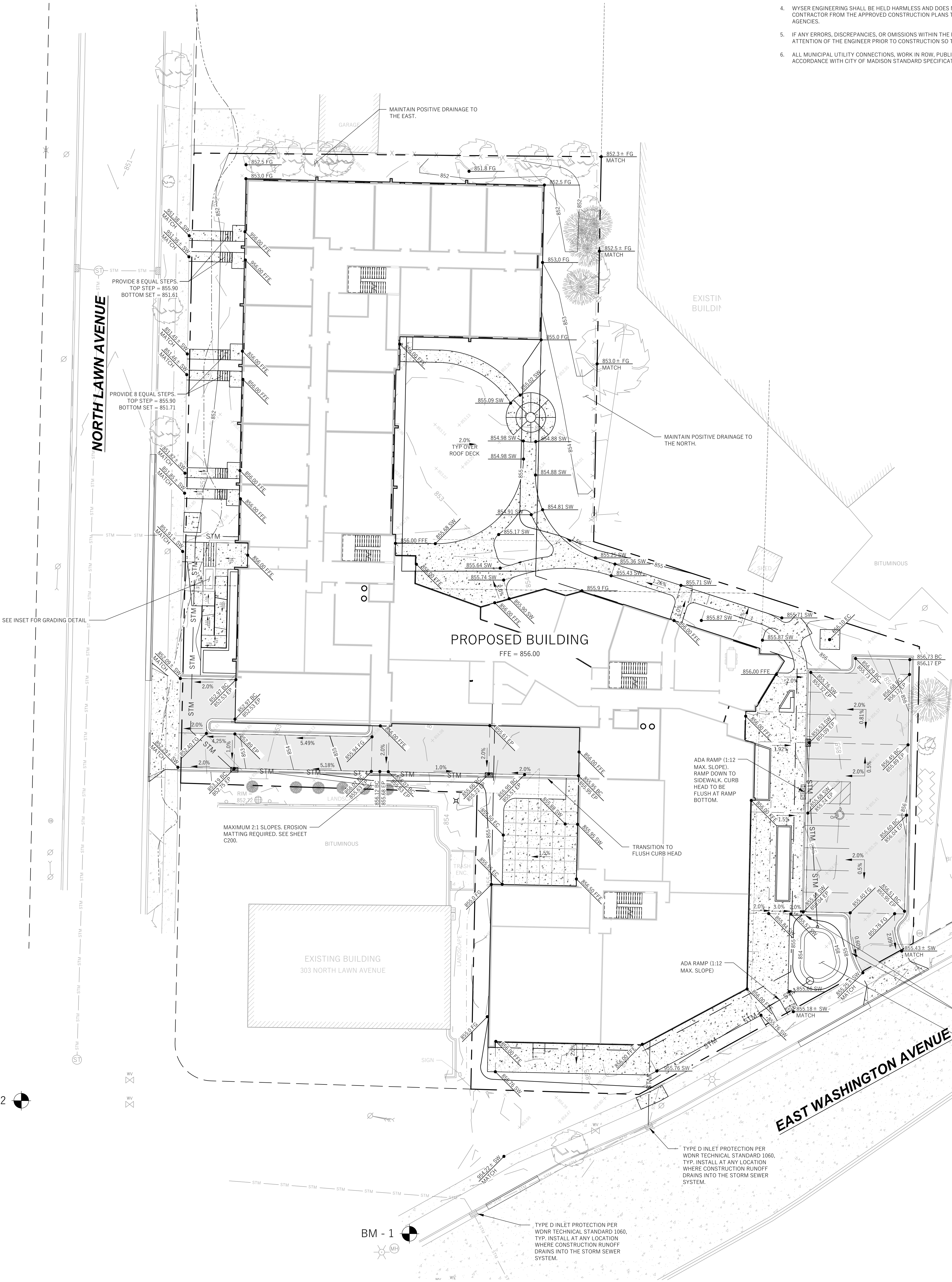
- PROPERTY BOUNDARY
- EASEMENT
- BUILDING FOOTPRINT
- 18" CURB AND GUTTER
- ASPHALT PAVEMENT
- CONCRETE PAVEMENT
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED STORM SEWER
- SPOT GRADE
- DRAINAGE GRADE BREAK
- DRAINAGE ARROW



0' 10' 20' 30'
1"=20' ON 30"x42"
NTS ON 11"x17"



EAST WASHINGTON AVENUE



NOTE:
SPOT GRADES ARE AS FOLLOWS:
FFE - FINISHED FLOOR GRADE
EP - EDGE OF ASPHALT PAVEMENT
EC - EDGE OF CONCRETE PAVEMENT
BC - BACK OF CURB
SW - EDGE OF SIDEWALK
FG - FINISH GRADE
TW - FINISH GRADE ADJACENT TOP OF WALL
BW - FINISH GRADE ADJACENT BOTTOM OF WALL (NOT FOOTING)

THE RIGHT-OF-WAY 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.

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Potter
Lawson
Success by Design

WYSER
ENGINEERING

GRÆF

ECHELON
STRUCTURES LLC

2902 E.
WASHINGTON

2902 E. WASHINGTON AVE,
MADISON, WI 53704

No.	Description	Date

PROJECT NO: 1913
DATE: 05/20/2020

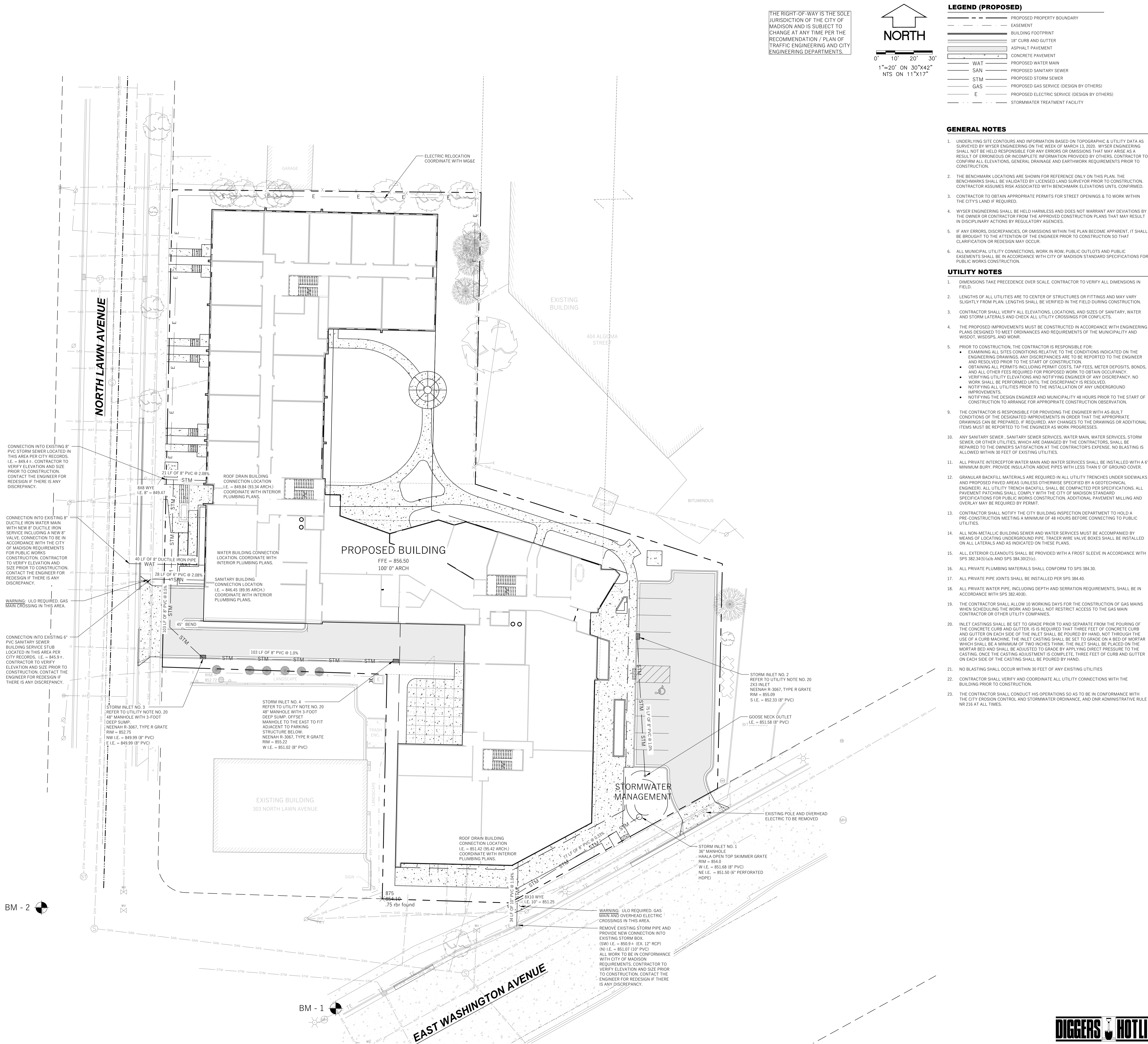
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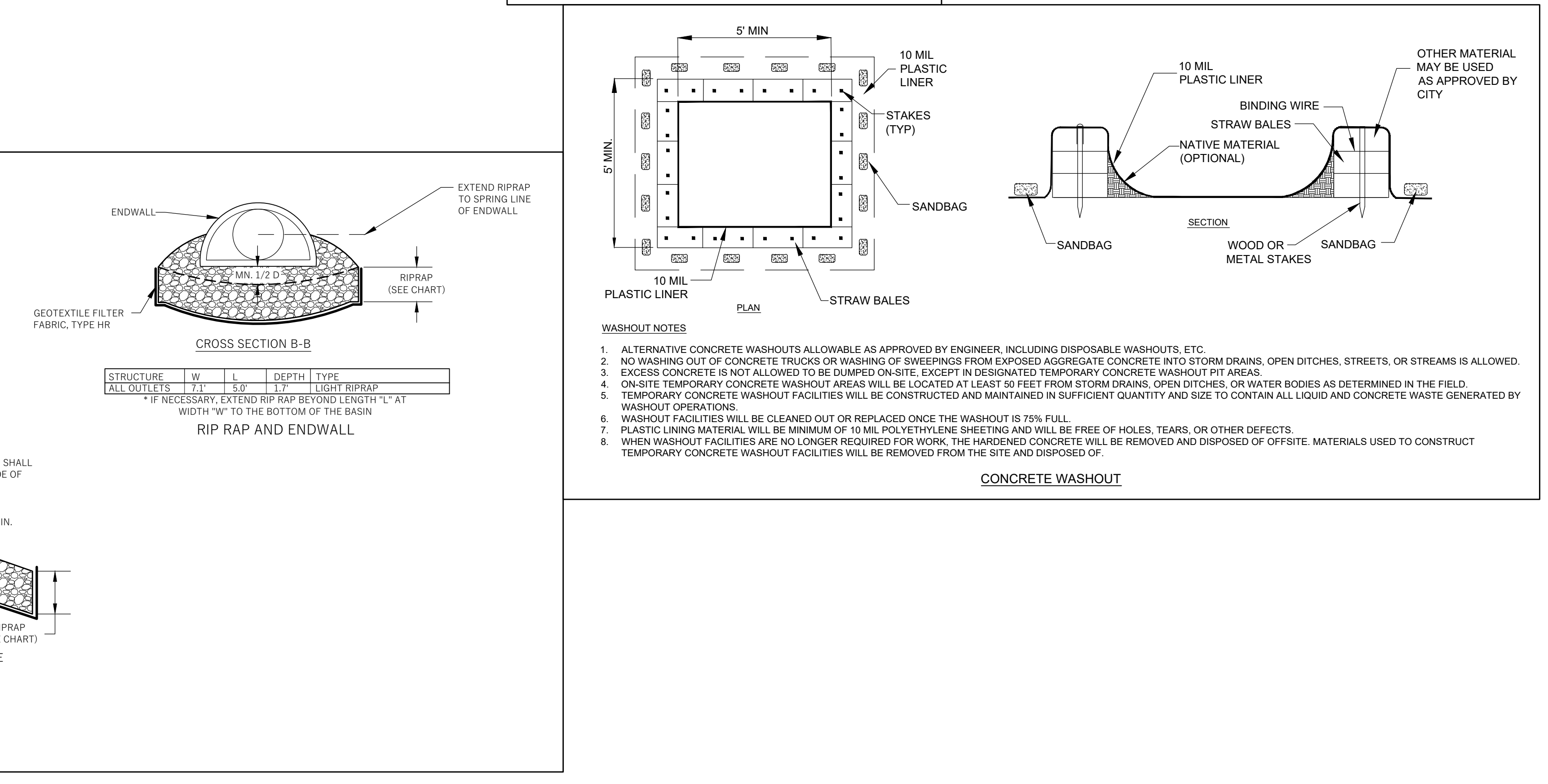
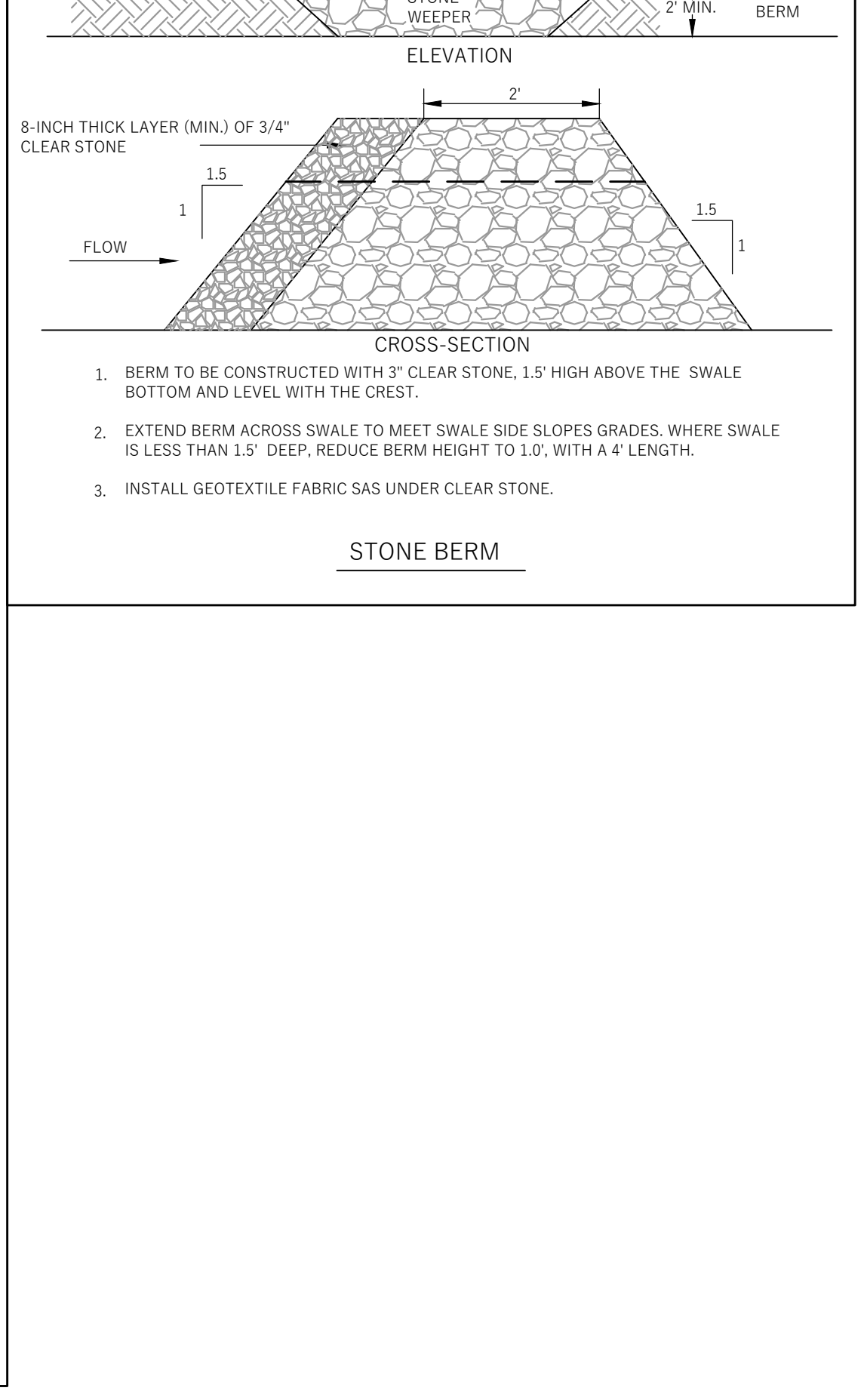
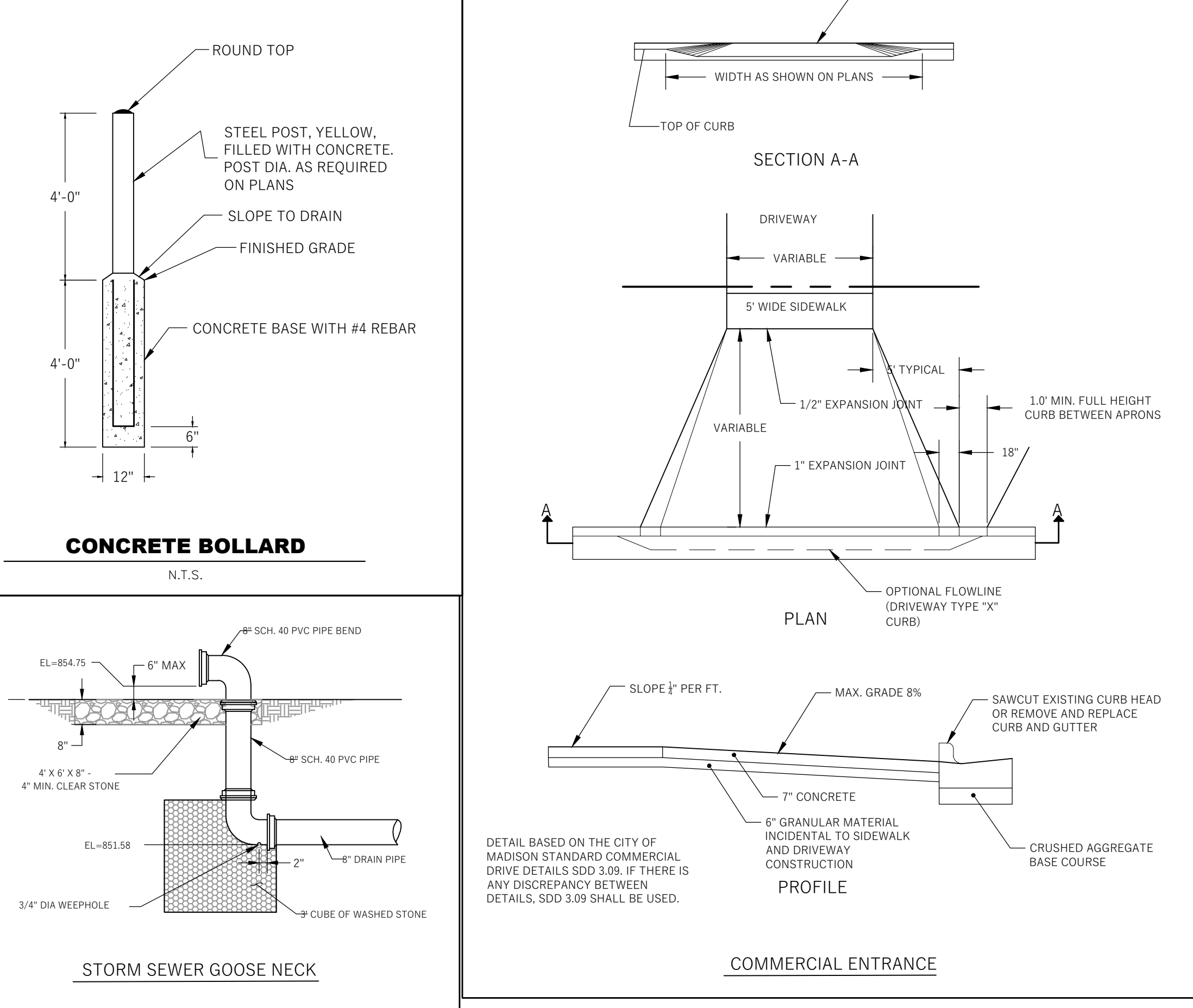
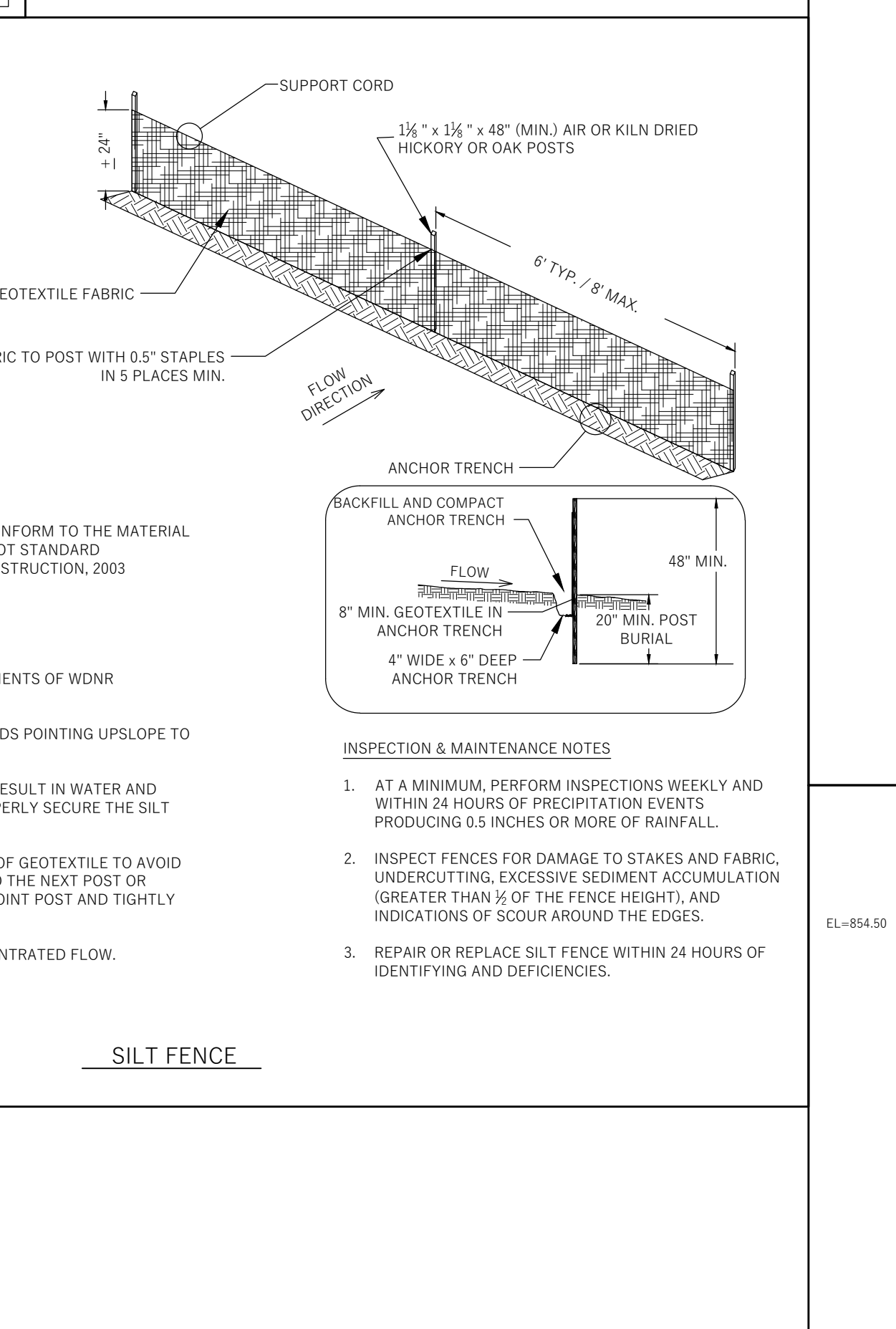
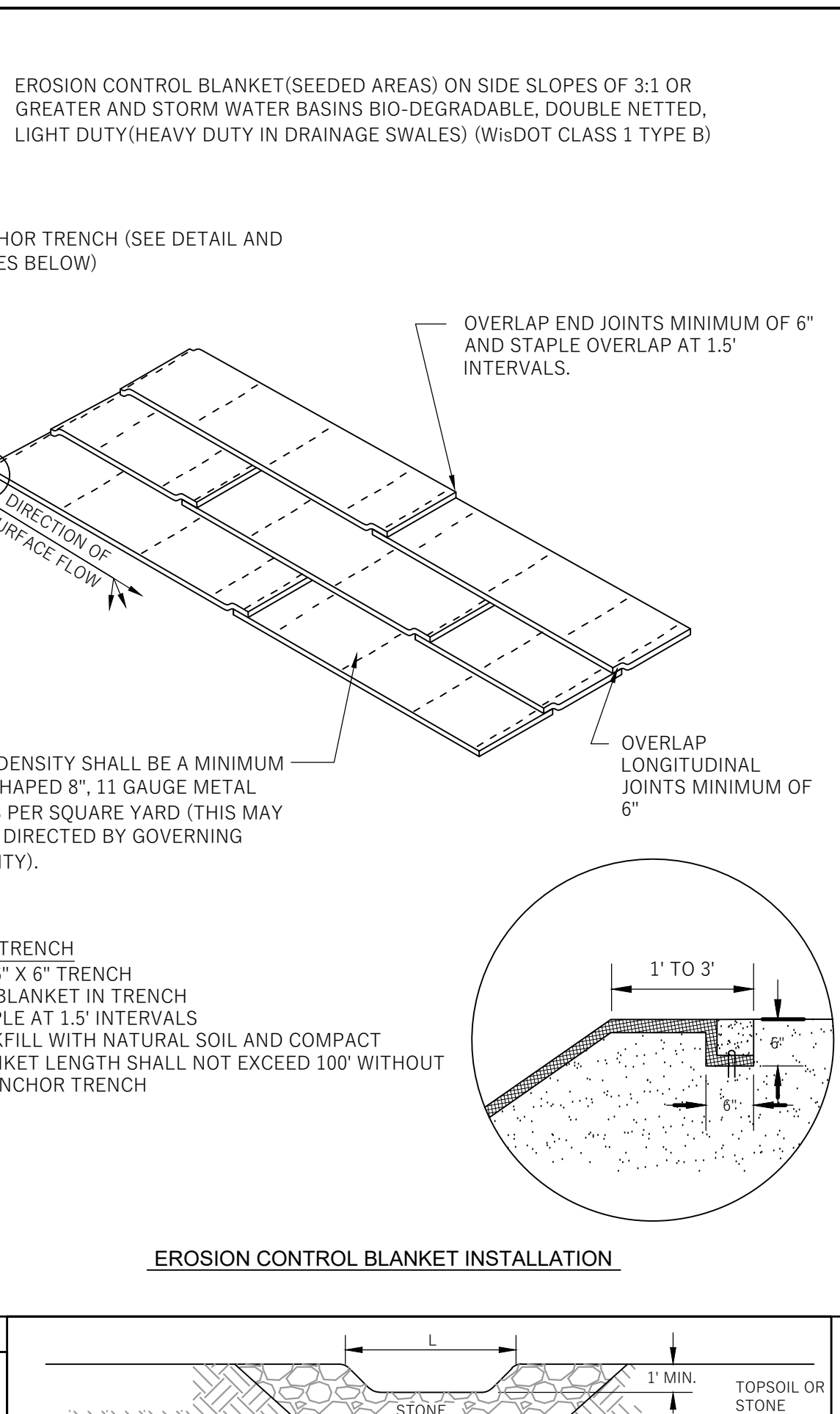
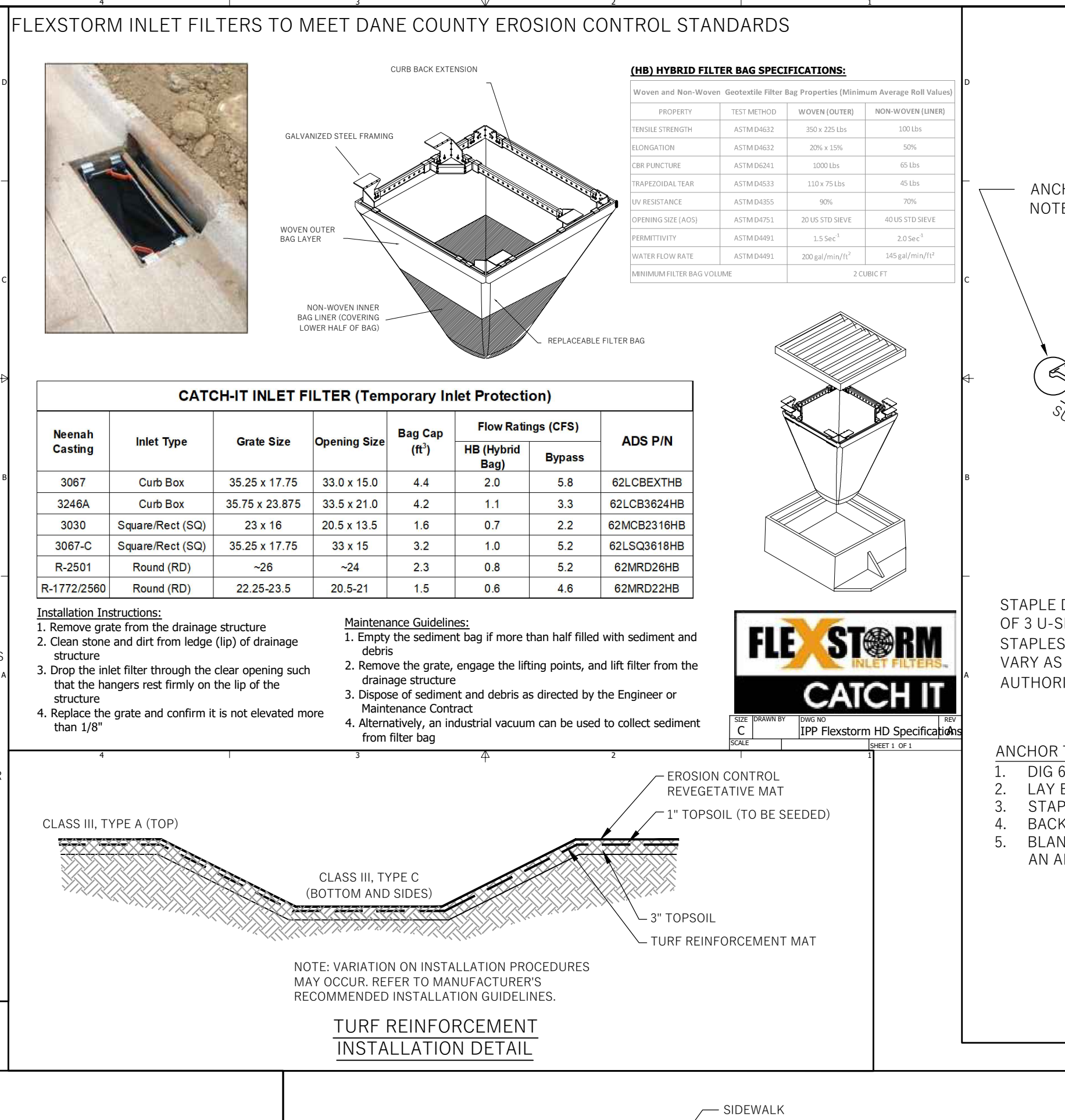
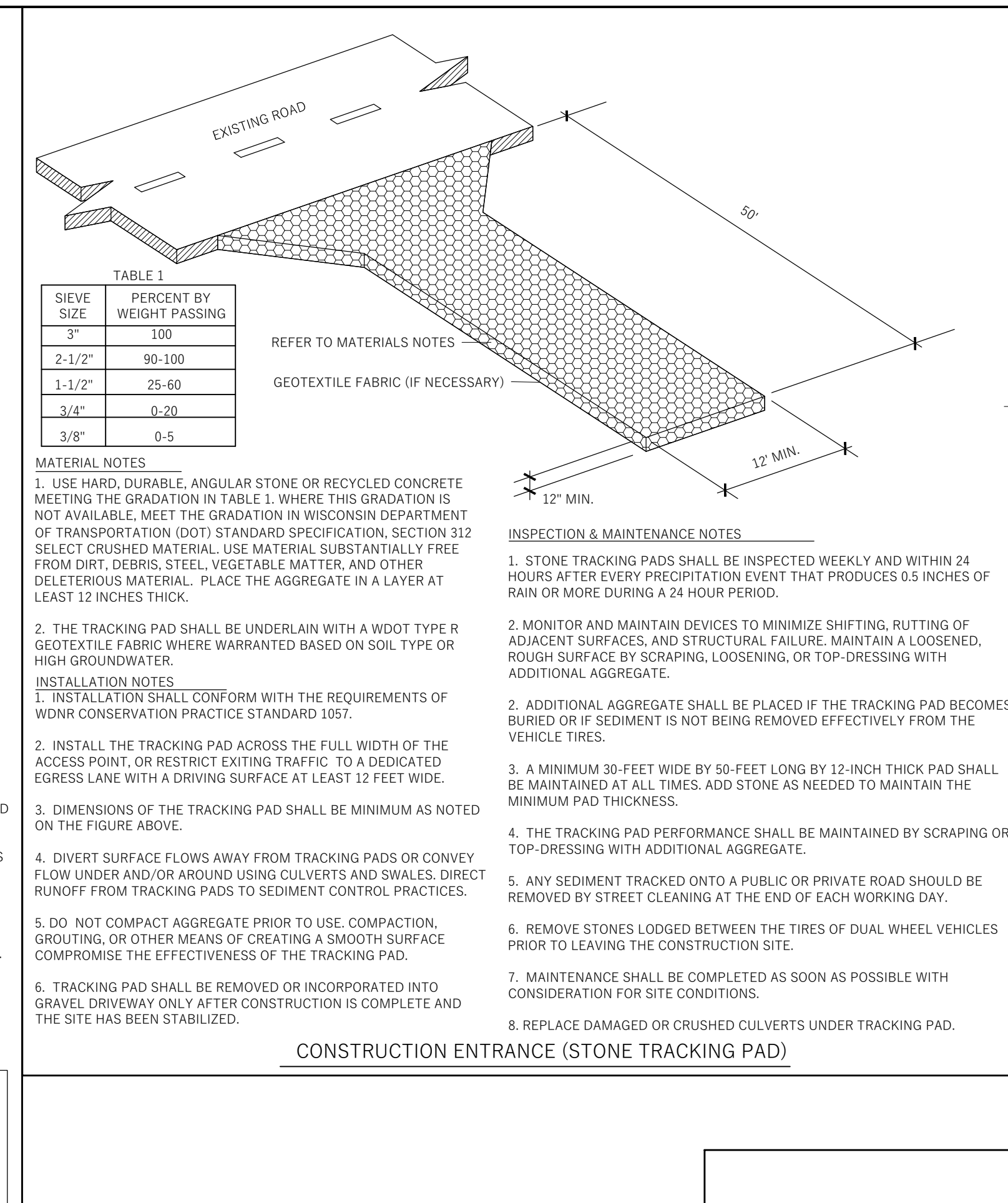
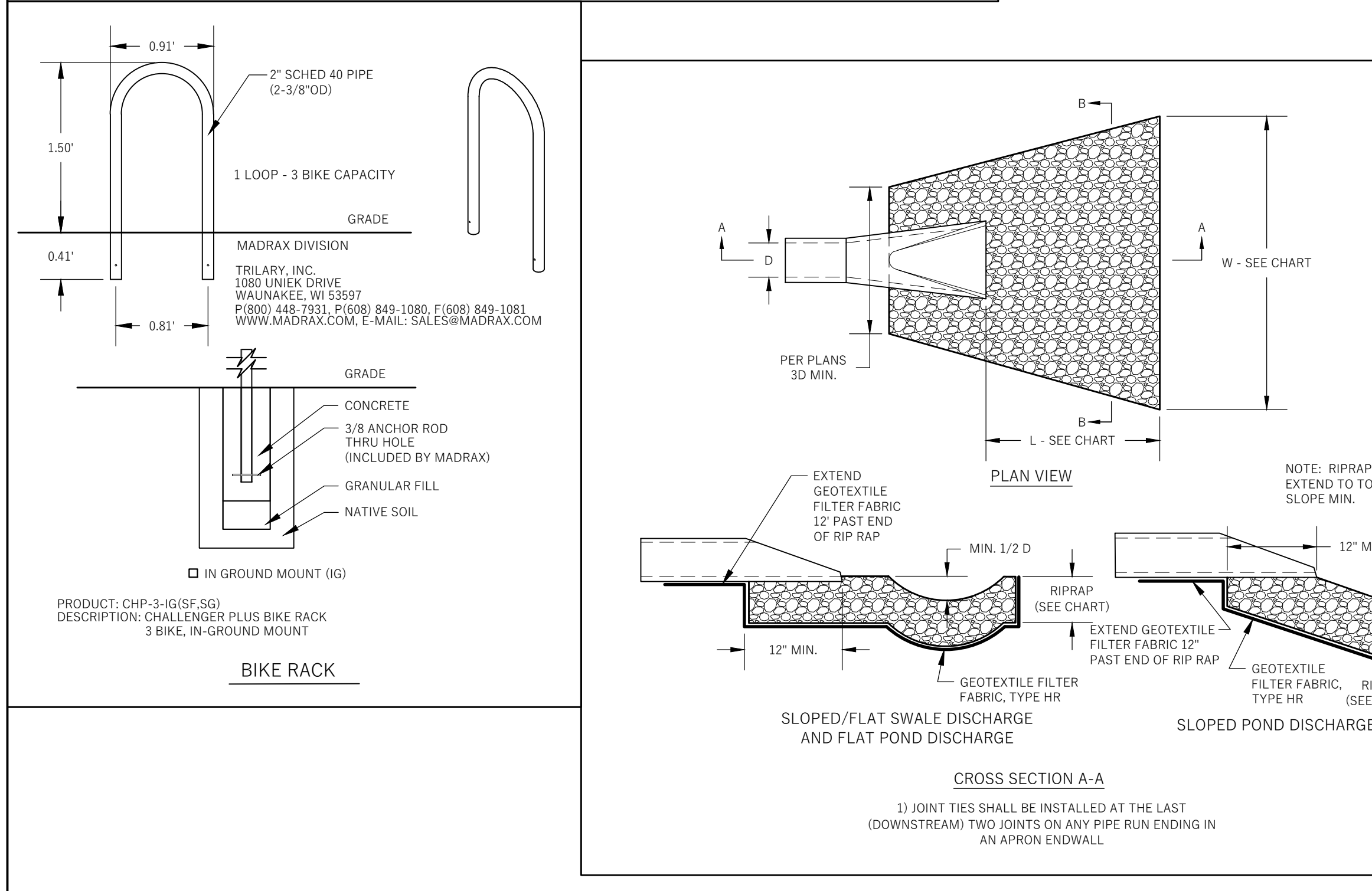
Detail Grading Plan






C201

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www.DiggersHotline.com

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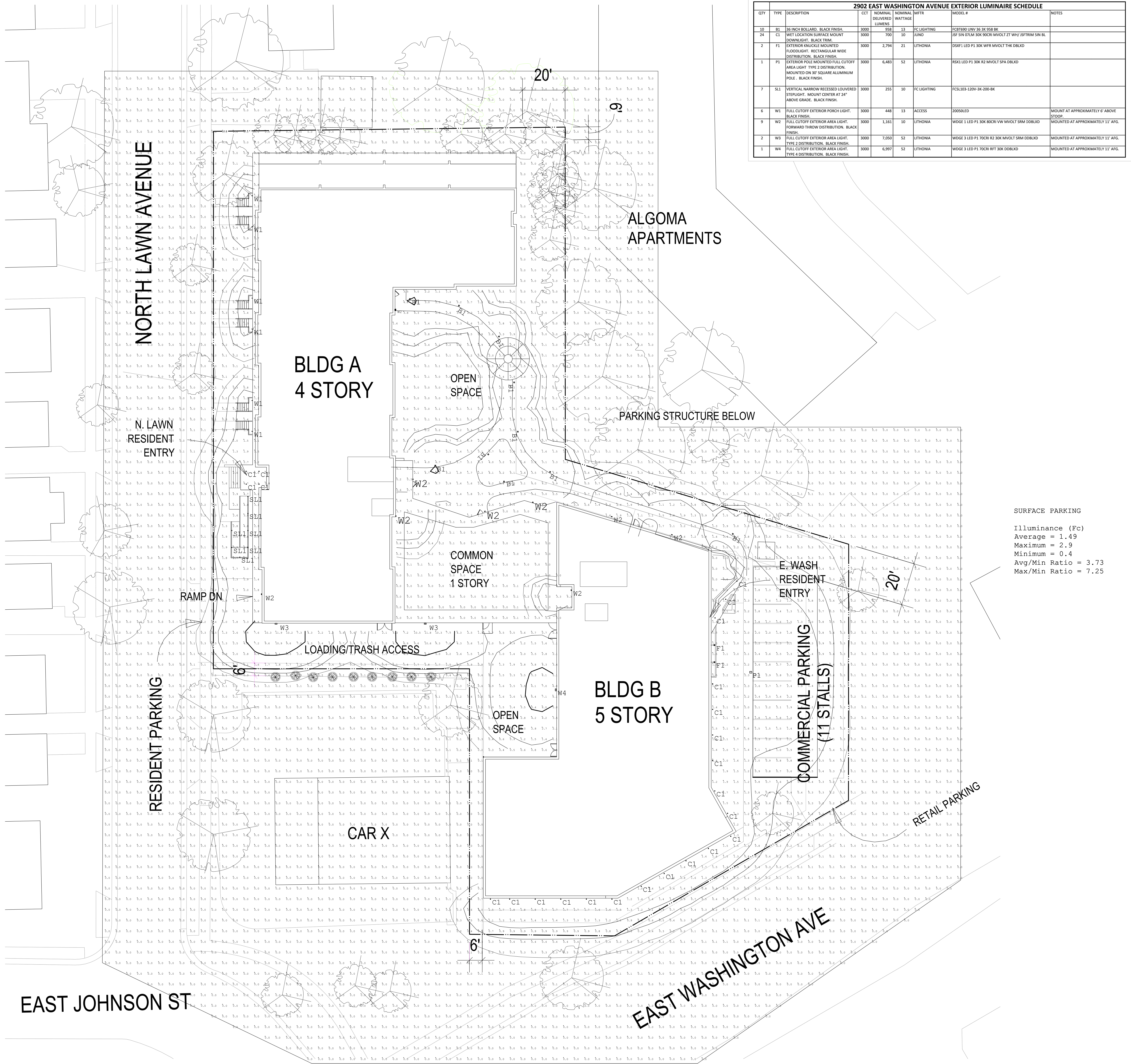




																						
MoTiS Morrison Tills Studio																						
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<h2 style="margin: 0;">2902 E. WASHINGTON</h2> <hr style="width: 50%; margin: 10px auto;"/> <p style="margin: 0;">2902 E. WASHINGTON AVE, MADISON, WI 53704</p>																						
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2902 EAST WASHINGTON AVENUE EXTERIOR LUMINAIRE SCHEDULE						
QTY	TYPE	DESCRIPTION	CCT	NOMINAL DELIVERED LUMENS	NOMINAL WATTS	NOTES
10	B1	6" INCH BOLLARD, BLACK FINISH	3000	958	13	FC LIGHTING
24	C1	WET LOCATION SURFACE MOUNT DOWNLIGHT, BLACK FINISH	3000	700	10	AND
2	F1	EXTERIOR KNUCKLE MOUNTED FLOODLIGHT, RECTANGULAR WIDE DISTRIBUTION, BLACK FINISH	3000	2,794	21	LITHONIA
1	P1	EXTERIOR POLE MOUNTED FULL CUTOFF AREA LIGHT, TYPE 2 DISTRIBUTION, MOUNTED ON 3" SQUARE ALUMINUM POLE, BLACK FINISH	3000	6,480	52	LITHONIA
7	SL1	VERTICAL NARROW RECESSED LOUVERED STEPLIGHT, MOUNT CENTER AT 24" ABOVE GRADE, BLACK FINISH	3000	255	10	FC LIGHTING
6	W1	FULL CUTOFF EXTERIOR PORCH LIGHT, BLACK FINISH	3000	448	13	ACCESS
9	W2	FULL CUTOFF EXTERIOR AREA LIGHT, FORWARD THROW DISTRIBUTION, BLACK FINISH	3000	1,161	10	LITHONIA
2	W3	FULL CUTOFF EXTERIOR AREA LIGHT, TYPE 2 DISTRIBUTION, BLACK FINISH	3000	7,050	52	LITHONIA
1	W4	FULL CUTOFF EXTERIOR AREA LIGHT, TYPE 4 DISTRIBUTION, BLACK FINISH	3000	6,997	52	LITHONIA

SURFACE PARKING
Illuminance (Fc)
Average = 1.49
Maximum = 2.9
Minimum = 0.4
Avg/Min Ratio = 3.73
Max/Min Ratio = 7.25

2902 E. WASHINGTON

2902 E. WASHINGTON AVE.
MADISON, WI 53704

No.	Description	Date
1	LAND USE APPLICATION	05/20/2020

PROJECT NO: 1913

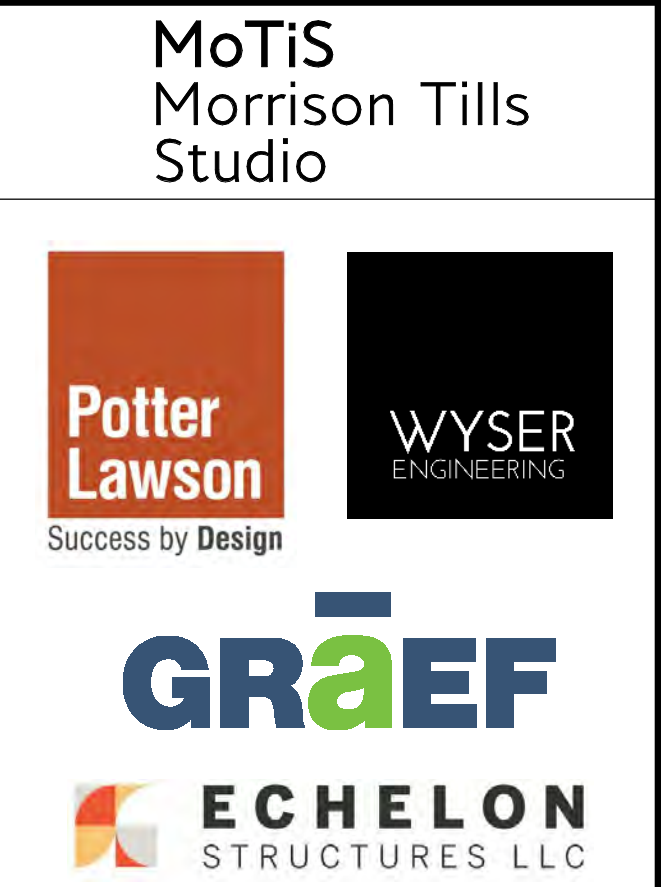
DATE: 05/20/2020

SHEET TITLE

Exterior Lighting

LG100

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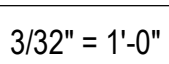
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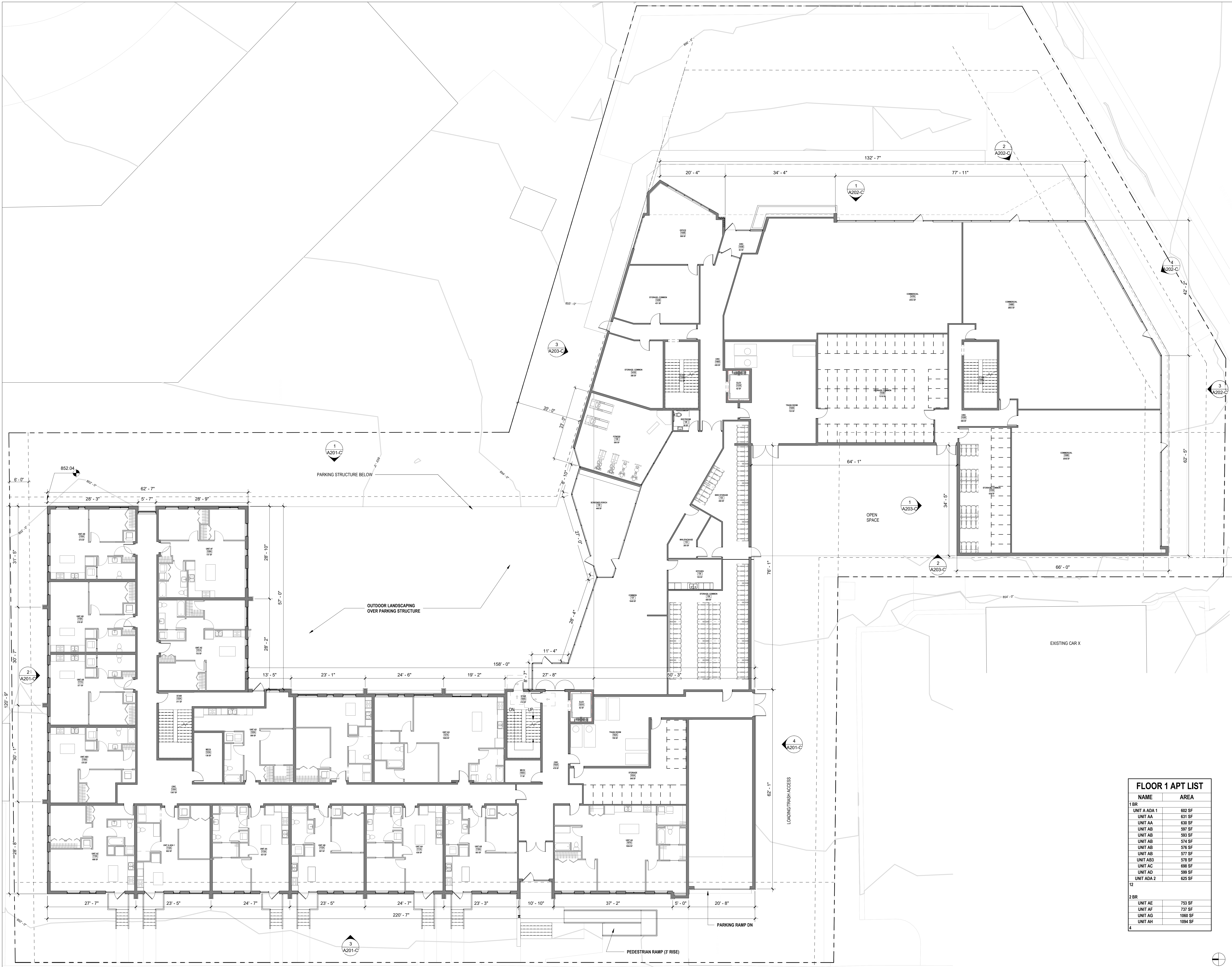
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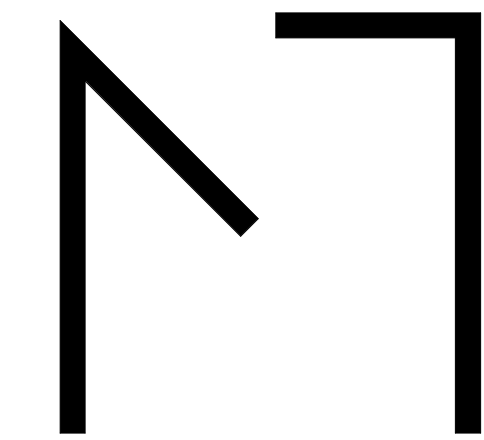
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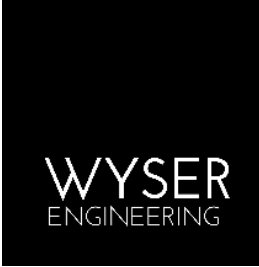


FLOOR 1 APT LIST		
NAME		AREA
1BR		
UNIT A ADA 1		602 SF
UNIT AA		631 SF
UNIT AB		630 SF
UNIT AB		597 SF
UNIT AB		593 SF
UNIT AB		574 SF
UNIT AB		576 SF
UNIT AB		577 SF
UNIT AB3		578 SF
UNIT AC		698 SF
UNIT AD		599 SF
UNIT ADA 2		625 SF
12		
2BR		
UNIT AE		753 SF
UNIT AF		737 SF
UNIT AG		1060 SF
UNIT AH		1094 SF
4		

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No.	Description	Date

PROJECT NO: 1913
DATE: 05/20/2020

SHEET TITLE

FLOOR 1- OVERALL

A101

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FLOOR 2 ROOM SCHEDULE		
NAME	ROOM #	AREA
02A-FLR 2- BLDG A		
1 BR		
UNIT A ADA 1	214A	633 SF
UNIT A ADA 2	226A	613 SF
UNIT A ADA 3	207A	609 SF
UNIT AA	211A	627 SF
UNIT AA	213A	626 SF
UNIT AB	216A	574 SF
UNIT AB	218A	575 SF
UNIT AB	208A	628 SF
UNIT AB	212A	628 SF
UNIT AB	217A	577 SF
UNIT AB	210A	624 SF
UNIT AB3	216A	586 SF
UNIT AC	215A	696 SF
UNIT ADA 3	225A	711 SF
UNIT AJ	209A	606 SF
UNIT AL	206A	695 SF
UNIT AM	205A	703 SF
17		
2 BR		
UNIT AE	221A	792 SF
UNIT AF	219B	736 SF
UNIT AG	227A	1102 SF
3		
02B-FLR 2- BLDG B		
1 BR		
UNIT B ADA 4	246B	645 SF
UNIT B ADA 5	246B	688 SF
UNIT B ADA 6	240B	645 SF
UNIT B ADA 7	239B	649 SF
UNIT BC	243B	609 SF
UNIT BE	243B	763 SF
UNIT BE	241B	663 SF
UNIT BG	238B	649 SF
UNIT BG	237B	649 SF
UNIT BG	238B	649 SF
UNIT BH	235B	629 SF
UNIT BK	251B	699 SF
UNIT BL	250B	641 SF
13		
2 BR		
UNIT BA	245B	875 SF
UNIT BB	244B	890 SF
UNIT BJ	234B	936 SF
3		

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PROJECT NO: 1913

DATE: 05/20/2020

SHEET TITLE

FLOOR 2- OVERALL

A102

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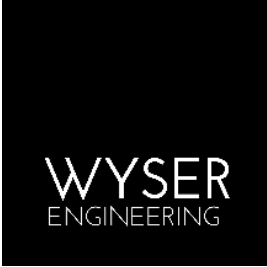


FLOOR 3 ROOM SCHEDULE		
NAME	ROOM #	AREA
03A-FLR 3- BLDG A		
1 BR		
UNIT A ADA 1	314A	644 SF
UNIT A ADA 2	326A	613 SF
UNIT A ADA 3	307A	608 SF
UNIT AA	313A	620 SF
UNIT AA	311A	619 SF
UNIT AB	312A	636 SF
UNIT AB	310A	632 SF
UNIT AB	308A	628 SF
UNIT AB	318A	624 SF
UNIT AD	325A	619 SF
UNIT AJ	309A	604 SF
UNIT AL	306A	695 SF
UNIT AM	305A	703 SF
UNIT AQ	315A	673 SF
14		
2 BR		
UNIT AG	327A	1093 SF
UNIT AN	319A	986 SF
UNIT AP	317A	897 SF
UNIT AP	316A	900 SF
4		
03B-FLR 3- BLDG B		
1 BR		
UNIT B ADA 4	346B	645 SF
UNIT B ADA 5	349B	696 SF
UNIT B ADA 6	340B	645 SF
UNIT B ADA 7	339B	648 SF
UNIT BC	343B	609 SF
UNIT BD	342B	703 SF
UNIT BE	341B	663 SF
UNIT BG	336B	649 SF
UNIT BG	337B	649 SF
UNIT BG	338B	649 SF
UNIT BH	335B	634 SF
UNIT BK	331B	699 SF
UNIT BL	350B	639 SF
13		
2 BR		
UNIT BA	345B	875 SF
UNIT BB	344B	891 SF
UNIT BJ	334B	936 SF
3		

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No.	Description	Date

PROJECT NO: 1913

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SHEET TITLE

FLOOR 3- OVERALL

A103

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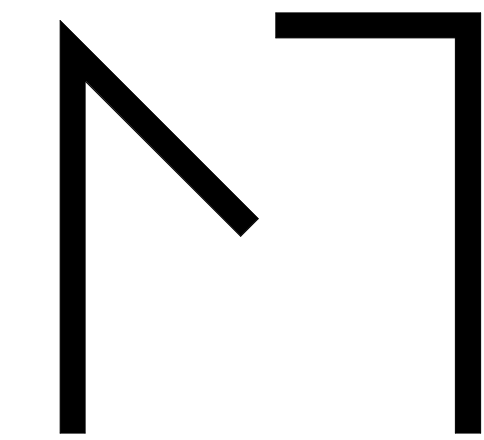
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FLOOR 4 ROOM SCHEDULE		
NAME	ROOM #	AREA
1 BR		
UNIT A ADA 1	413A	622 SF
UNIT A ADA 2	426A	613 SF
UNIT A ADA 3	407A	605 SF
UNIT AA	411A	619 SF
UNIT AB	412A	636 SF
UNIT AB	410A	628 SF
UNIT AB	408A	628 SF
UNIT AD	425A	619 SF
UNIT AJ	409A	607 SF
UNIT AL	406A	696 SF
UNIT AM	405A	702 SF
UNIT AR	419A	616 SF
UNIT B ADA 4	446B	645 SF
UNIT B ADA 5	449B	698 SF
UNIT B ADA 6	440B	645 SF
UNIT B ADA 7	439B	649 SF
UNIT BC	443B	609 SF
UNIT BD	442B	703 SF
UNIT BE	441B	663 SF
UNIT BG	436B	649 SF
UNIT BG	437B	649 SF
UNIT BG	438B	649 SF
UNIT BH	435B	629 SF
UNIT BK	451B	699 SF
UNIT BL	450B	641 SF
25		
2 BR		
UNIT AG	427A	1101 SF
UNIT AS	418A	815 SF
UNIT AT	417A	844 SF
UNIT AU	416A	1065 SF
UNIT BA	445B	875 SF
UNIT BB	444B	891 SF
UNIT BJ	434B	936 SF
7		

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No.	Description	Date

PROJECT NO: 1913
DATE: 05/20/2020

SHEET TITLE

FLOOR 4- OVERALL

A104

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PROJECT NO: 1913

DATE: 05/20/2020

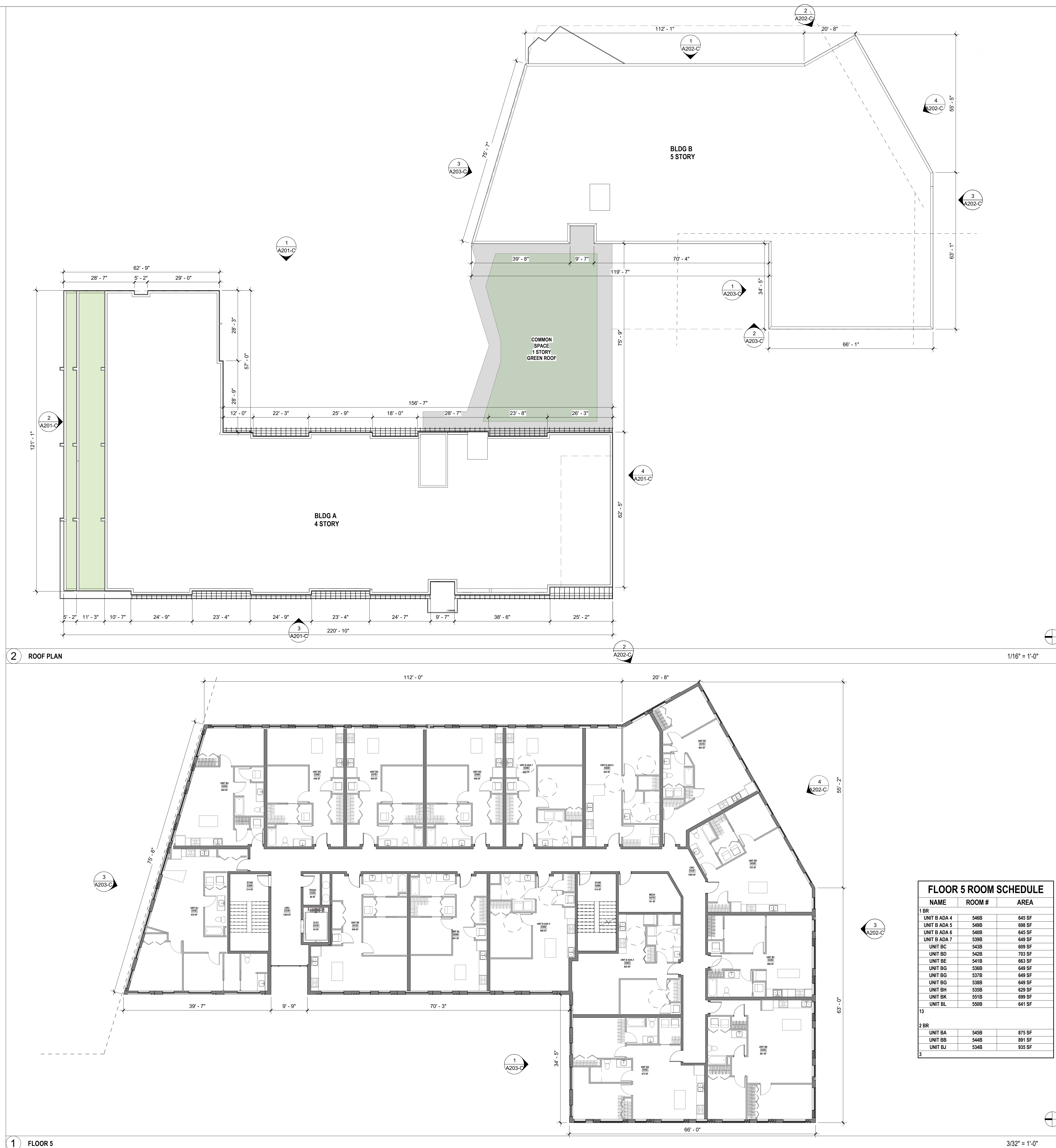
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**FLOOR 5- OVERALL, ROOF
PLAN**

A105

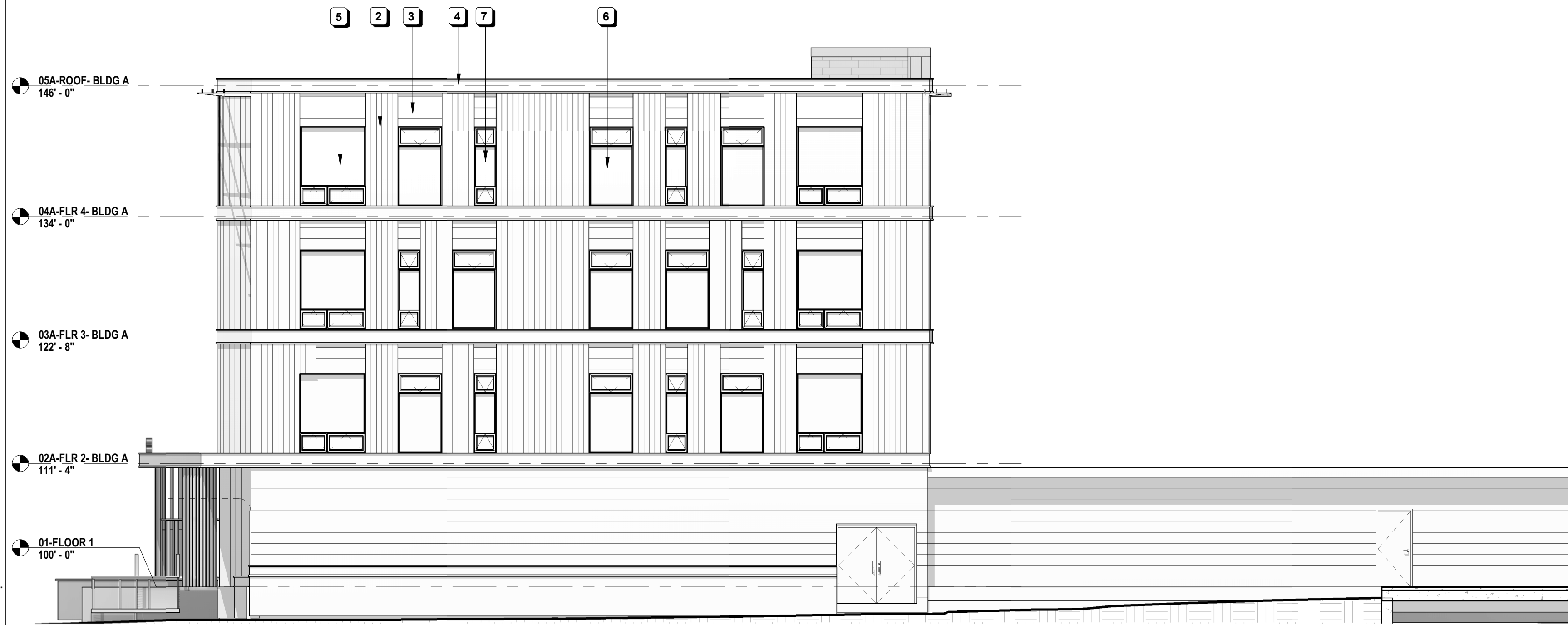
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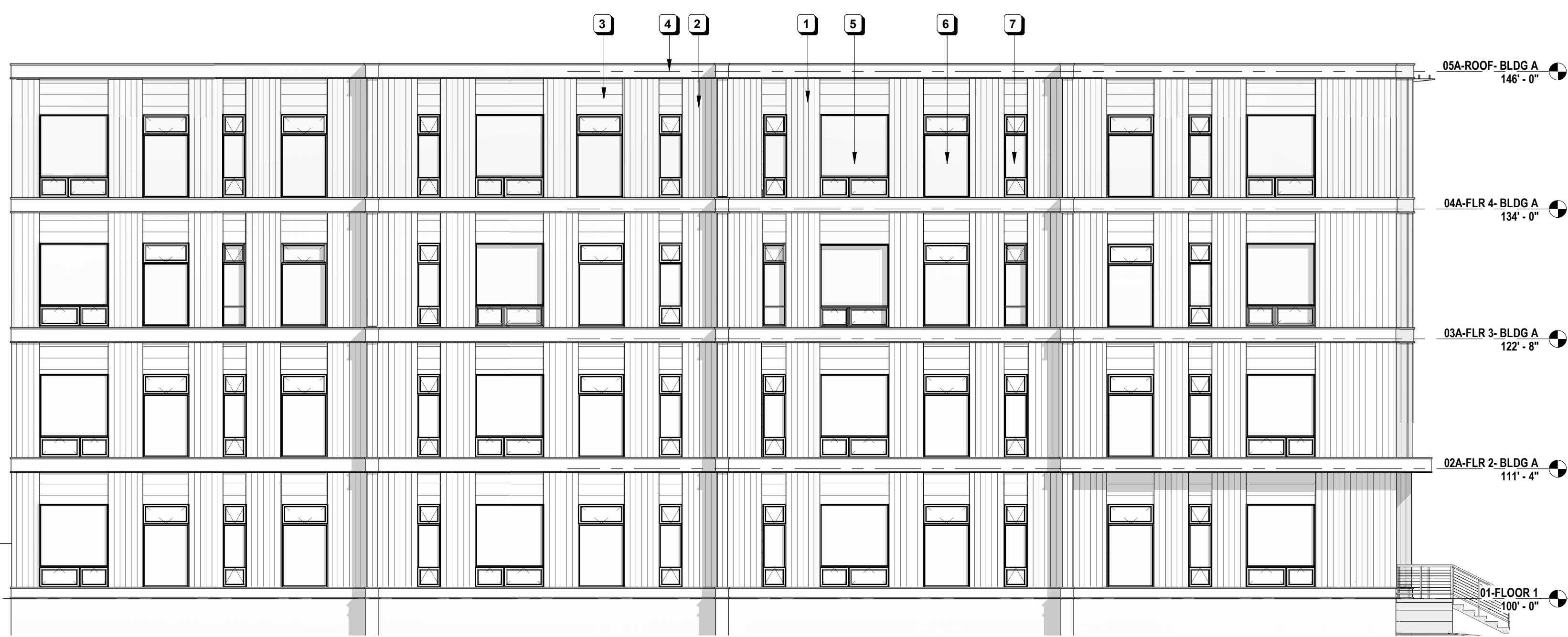
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4 BLDG A- SOUTH ELEVATION

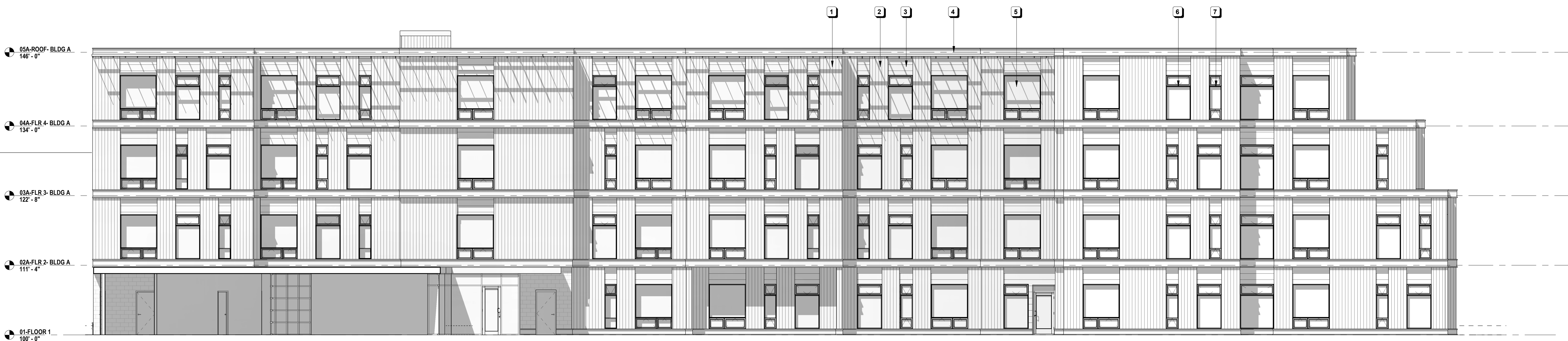
1/8" = 1'-0"



3 BLDG A- NORTH ELEVATION

1/8" = 1'-0"

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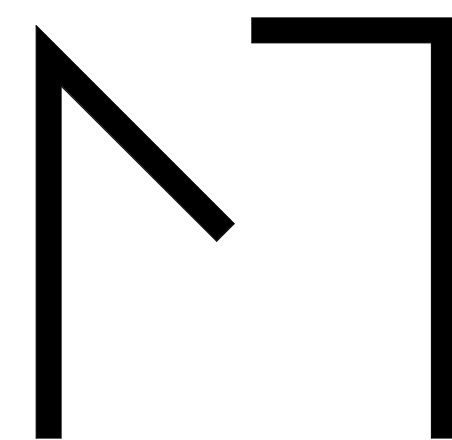
2 BLDG A- EAST ELEVATION

1/8" = 1'-0"



1 BLDG A- WEST ELEVATION

1/8" = 1'-0"



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SHEET NOTES-A201

MARK	DESCRIPTION
1	VERTICAL CEMENT FIBER SIDING- PT-1
2	VERTICAL CEMENT FIBER SIDING- PT-2
3	HORIZONTAL CEMENT FIBER SIDING- PT-3
4	
5	WINDOW- FRAME- BLACK 6'X7'3"
6	WINDOW- FRAME- BLACK 4'X7'3"
7	WINDOW- FRAME- BLACK 2'X7'3"
8	CONCRETE STAIRS
9	CONCRETE PLANTER
10	EXTERIOR RAMP
11	OVERHEAD GARAGE DOOR
12	ENTRY TO UNIT
13	BRICK RELIEF
14	BRICK
15	WINDOW- FRAME- BLACK 3'X7'3"
16	ANGLED BRICK
17	METAL TRIM SILL FLASHING
18	STONE BASE
19	STOREFRONT SYSTEM
20	ENTRY CANOPY
21	STOREFRONT ENTRY DOOR

2902 E.
WASHINGTON

2902 E. WASHINGTON AVE,
MADISON, WI 53704

No.	Description	Date

PROJECT NO: 1913

DATE: 05/20/2020

SHEET TITLE

EXTERIOR ELEVATIONS-
BLDG A

A201

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SHEET NOTES-A201

MARK	DESCRIPTION
1	VERTICAL CEMENT FIBER SIDING- PT-1
2	VERTICAL CEMENT FIBER SIDING- PT-2
3	HORIZONTAL CEMENT FIBER SIDING- PT-3
4	
5	WINDOW- FRAME- BLACK 6X73"
6	WINDOW- FRAME- BLACK 4X73"
7	WINDOW- FRAME- BLACK 2X73"
8	CONCRETE STAIRS
9	CONCRETE FLAYER
10	EXTERIOR RAMP
11	OVERHEAD GARAGE DOOR
12	ENTRY TO UNIT
13	BRICK RELIEF
14	BRICK
15	WINDOW- FRAME- BLACK 3X73"
16	ANGLED BRICK
17	METAL TRIM SILL FLASHING
18	STONE BASE
19	STOREFRONT SYSTEM
20	ENTRY CANOPY
21	STOREFRONT ENTRY DOOR

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WASHINGTON

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MADISON, WI 53704

[illegible]

PROJECT NO: 1913

DATE: 05/20/2020

SHEET TITLE

**EXTERIOR ELEVATIONS-
BLDG A COLOR**

A201-C

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4 BLDG A- SOUTH ELEVATION COLOR

1/8" = 1'-0"



2 BLDG A- NORTH ELEVATION COLOR

1/8" = 1'-0"



1 BLDG A- EAST ELEVATION COLOR

1/8" = 1'-0"

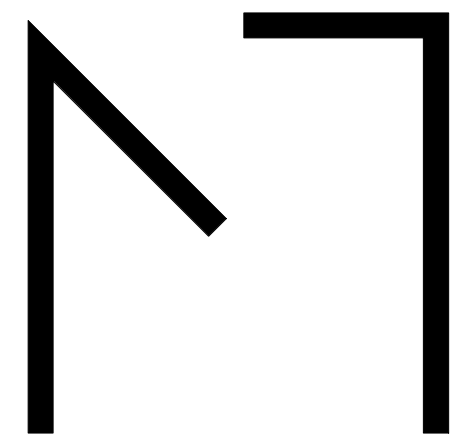


3 BLDG A- WEST ELEVATION COLOR

1/8" = 1'-0"

\\MoTIS-Dropbox\Projects\1913 - East Wash\Drawings\03 - Schematic Design\REVIT\01 - Model\1913- EAST WASH BLDG CURRENT - UDC.rvt

5/19/2020 5:40:37 PM



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SHEET NOTES-A201

MARK	DESCRIPTION
1	VERTICAL CEMENT FIBER SIDING- PT-1
2	VERTICAL CEMENT FIBER SIDING- PT-2
3	HORIZONTAL CEMENT FIBER SIDING- PT-3
4	METAL TRIM - BLACK
5	WINDOW- FRAME- BLACK 6X73"
6	WINDOW- FRAME- BLACK 4X73"
7	WINDOW- FRAME- BLACK 2X73"
8	CONCRETE STAIRS
9	CONCRETE PLANTER
10	EXTERIOR RAMP
11	OVERHEAD GARAGE DOOR
12	ENTRY TO UNIT
13	BRICK RELIEF
14	BRICK
15	WINDOW- FRAME- BLACK 3X73"
16	ANGLED BRICK
17	METAL TRIM SILL FLASHING
18	STONE BASE
19	STOREFRONT SYSTEM
20	ENTRY CANOPY
21	STOREFRONT ENTRY DOOR
22	VERTICAL BRICK MURAL DIVIDER

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2902 E.
WASHINGTON

2902 E. WASHINGTON AVE,
MADISON, WI 53704

No.	Description	Date
1	LAND USE APPLICATION	05/20/2020
2	LUA- SUPPLEMENT	06/10/2020

PROJECT NO: 1913
DATE: 06/10/2020

SHEET TITLE

EXTERIOR ELEVATIONS @
E WASHINGTON

A202

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3 BLDG B- SE ELEVATION

1/8" = 1'-0"



4 BLDG B- S ELEVATION

1/8" = 1'-0"



2 BLDG B- EAST ELEVATION

1/8" = 1'-0"



1 BLDG B- EAST ANGLED WING

1/8" = 1'-0"



SHEET NOTES-A201

MARK	DESCRIPTION
1	VERTICAL CEMENT FIBER SIDING- PT-1
2	VERTICAL CEMENT FIBER SIDING- PT-2
3	HORIZONTAL CEMENT FIBER SIDING- PT-3
4	METAL TRIM - BLACK
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6	WINDOW- FRAME- BLACK 6X73"
7	WINDOW- FRAME- BLACK 2X73"
8	CONCRETE STAIRS
9	CONCRETE PLANTER
10	EXTERIOR RAMP
11	OVERHEAD GARAGE DOOR
12	ENTRY TO UNIT
13	BROCK RELIEF
14	BRICK
15	WINDOW- FRAME- BLACK 6X73"
16	ANGLED BRICK
17	METAL TRIM SILL FLASHING
18	STONE BASE
19	STOREFRONT SYSTEM
20	ENTRY CANOPY
21	STOREFRONT ENTRY DOOR
22	VERTICAL BRICK MURAL DIVIDER

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2902 E.
WASHINGTON

2902 E. WASHINGTON AVE,
MADISON, WI 53704

No.	Description	Date
1	LAND USE APPLICATION	05/20/2021
2	LUA- SUPPLEMENT	06/10/2021

PROJECT NO: 1913

DATE: 06/10/2020

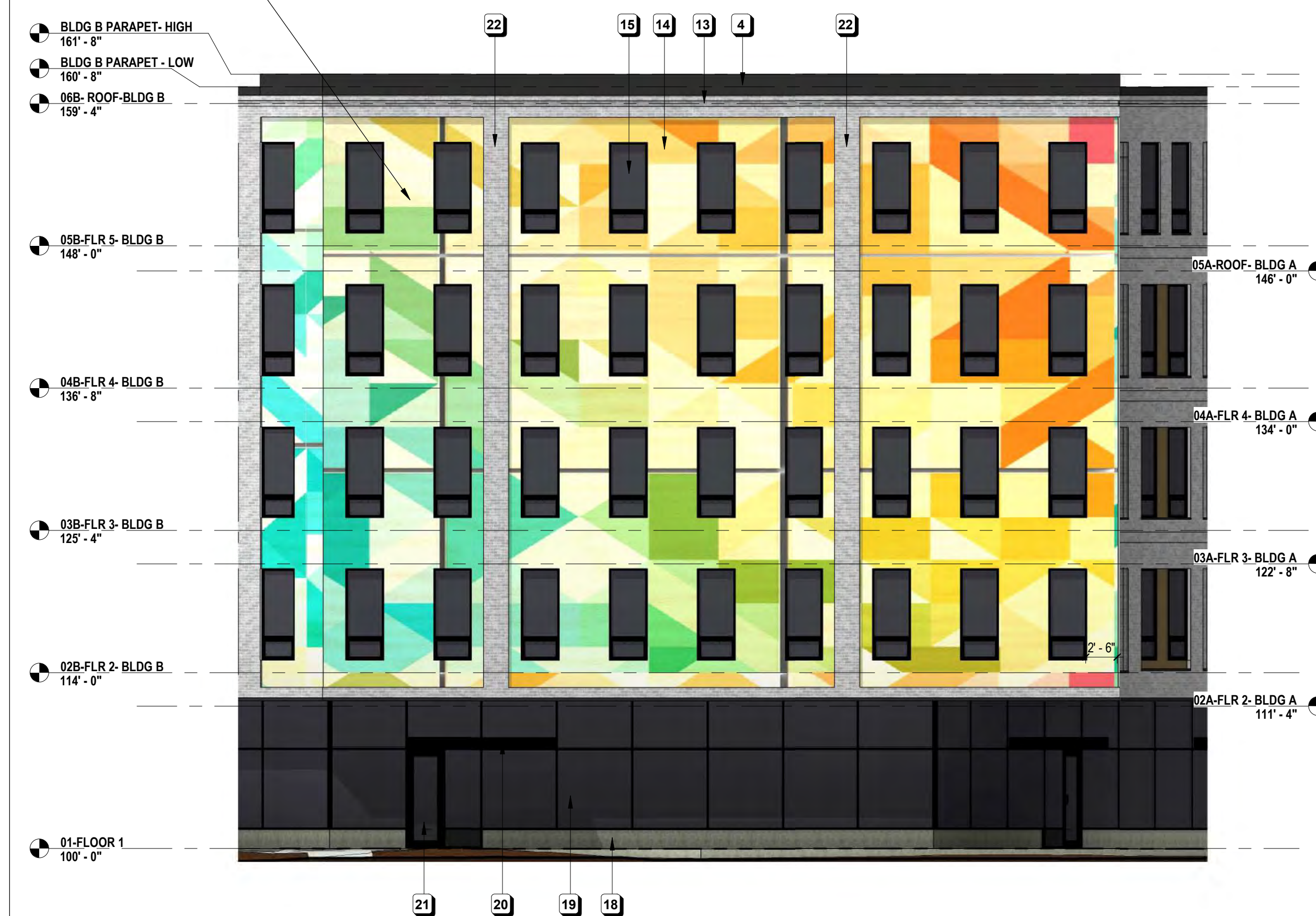
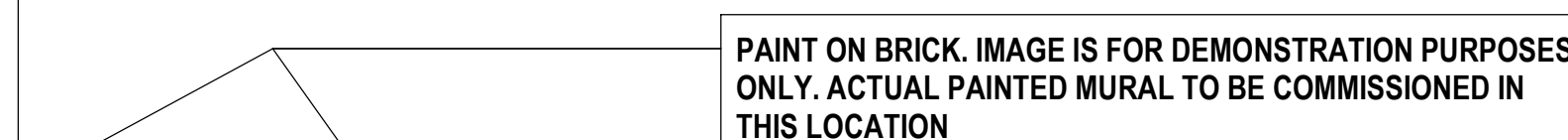
SHEET TITLE

EXTERIOR ELEVATIONS @
E WASHINGTON- COLOR

A202-C

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3 BLDG B- S ELEVATION COLOR

1/8" = 1'-0"

4 BLDG B- SE ELEVATION COLOR

$1/8'' = 1'-0''$



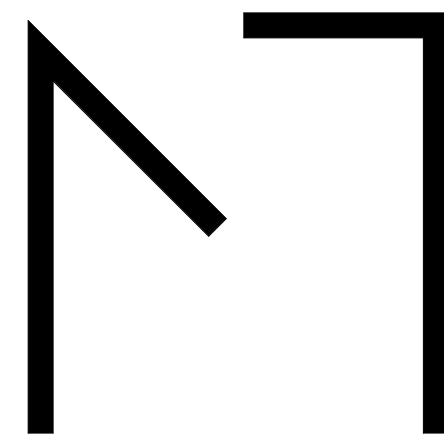
2 BLDG B- EAST ANGLED WING COLOR

1/8" = 1'-0"

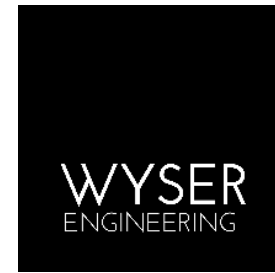


1 BLDG B- EAST ELEVATION COLOR

1/8" = 1'-0"



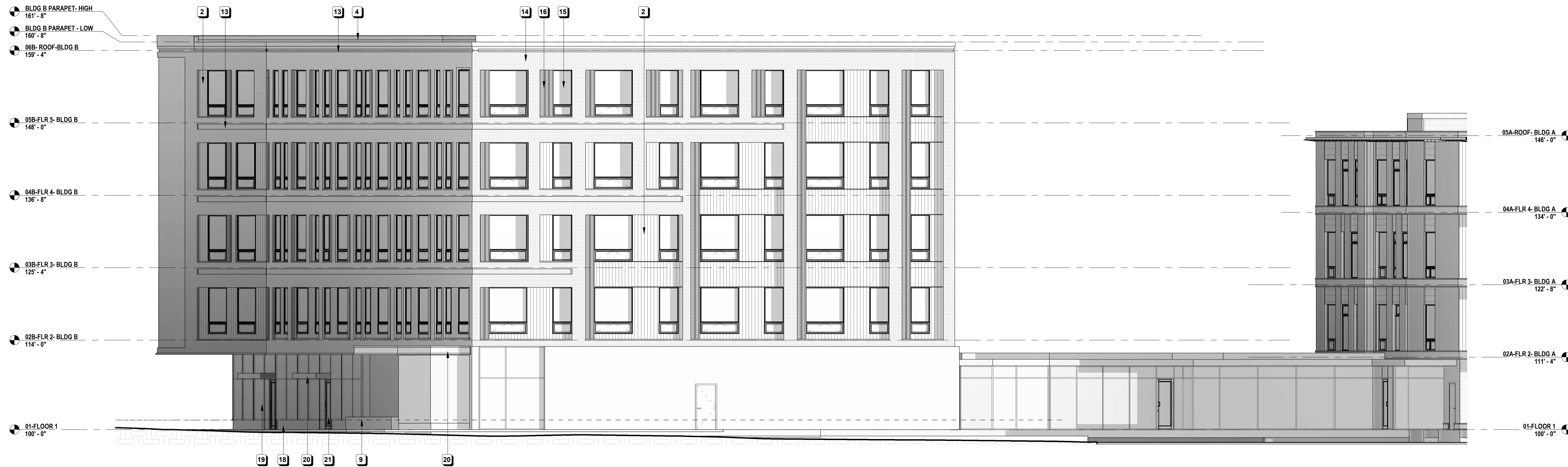
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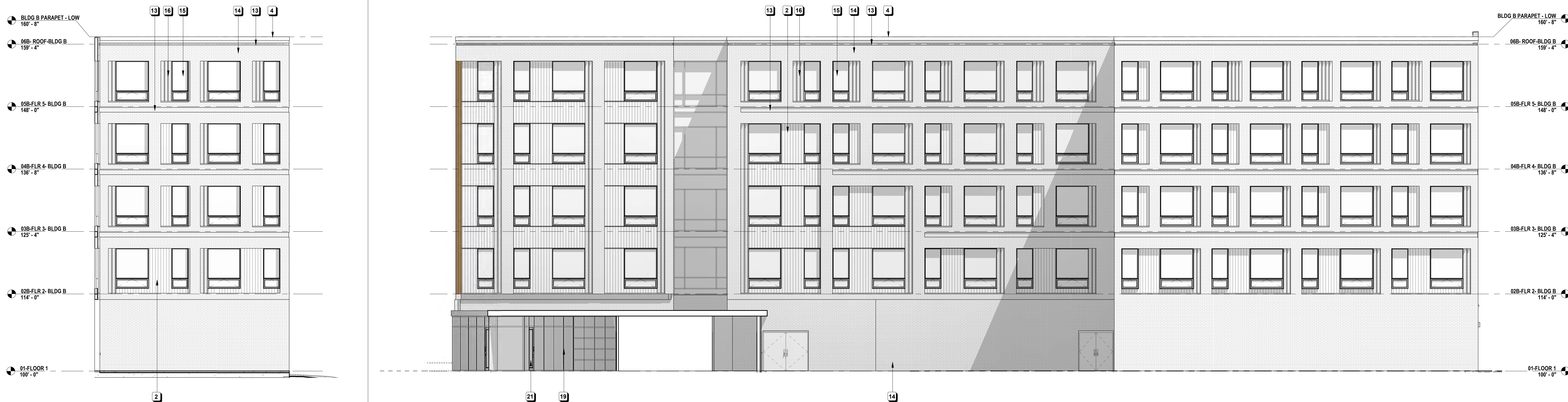
MARK	DESCRIPTION
1	VERTICAL CEMENT FIBER SIDING- PT-1
2	VERTICAL CEMENT FIBER SIDING- PT-2
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4	
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8	CONCRETE STAIRS
9	CONCRETE PLANTER
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16	ANGLED BRICK
17	METAL TRIM SILL FLASHING
18	STONE BASE
19	STOREFRONT SYSTEM
20	ENTRY CANOPY
21	STOREFRONT ENTRY DOOR

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3 BLDG B - NORTH ELEVATION

1/8" = 1'-0"



2 BLDG B - WEST WING

1/8" = 1'-0"

1 BLDG B - WEST ELEVATION

1/8" = 1'-0"

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WASHINGTON

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MADISON, WI 53704

No.	Description	Date

PROJECT NO: 1913

DATE: 05/20/2020

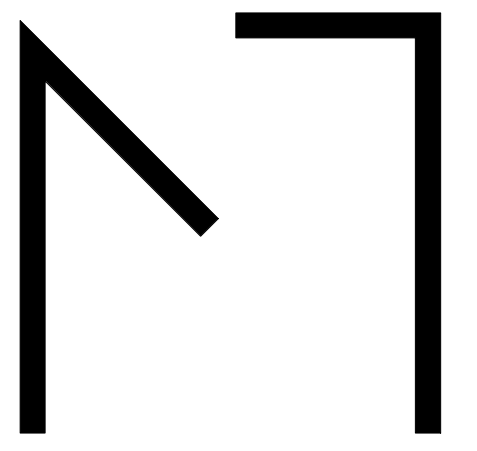
SHEET TITLE

EXTERIOR ELEVATIONS-
BLDG B

A203

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**Potter
Lawson**
Success by Design

WYSER
ENGINEERING

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BUILDING PERSPECTIVE VIEWS

A211

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FCBT690



Date:

Type:

Fixture:

Project:

Approved:

FCBT690 Exterior die-cast aluminum bollard with right angle head position tower. Available in 42" and 36" height. Designed and built to illuminate the ground and/or pathways safely without glare. **FCBT690** has an extremely wide-throw beam pattern covering 30'–35' wide and still measuring greater than 1 foot candle. It also has a forward throw of approximately 14 feet. Matches up with FCBT690S, 24" high version.

SPECIFICATIONS

PHYSICAL

lengths/dimensions [HxWxD]	fixture: 42"H or 36"H x 8"W x 9"D at top (3"D at base)
weight	12 lbs
housing	marine grade, corrosion resistant, heavy guage aluminum
lens	impact resistant, UV stabilized, clear, polycarbonate diffuser
mounting	heavy gauge base bracketing for bollard installation provides a unique mounting solution, so the tower body anchors flush to the ground without the appearance of a base plate, anchor bolts included (j-box by others)
ingress protection	IP66: dry, damp, or wet locations with extruded silicone gasket to seal out contaminants
finish	six stage chemical iron phosphate substrate pre-treatment process for a UV stable, super durable standard polyester powder coat

PERFORMANCE

color temperature	2700K	3000K	3500K	4000K	
lumen output offerings	479 lm, 958 lm, 1436 lm, 1915 lm				
lifetime	> 70,000 hours / L70 or better				
color consistency	3-Step MacAdam Ellipse / standard: CRI ≥ 85				
temperature	operating: -49°F to 104°F (-45°C to 40°C) start up: -49°F to 45°F (-25°C to 40°C) storage: -49°F to 176°F (-45°C to 80°C)				
junction temperature	73°C @ T ^a 25°C				
warranty	5 year limited warranty (refer to website for details)				

ELECTRICAL

input voltage	Universal 120-277VAC optional: 347 VAC (integral) 480 VAC (integral)
power supply	Integral Class II, electronic, high power factor > 94% @120V
certification	ETL/cETL Listed
standards	UL1598/CSA C22.2 No. 250.0; UI 8750/CSA C22.2 No. 250.13/IES LM-79/LM-80
power consumption	7W (479 lm) minimum, 26W (1915 lm) maximum
dimming interface	standard: 0-10V (10%) optional: ELV (120V only)/DMX (integral)/DALI (integral)

QUICK SHIP PRODUCT visit fclighting.com

Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting terms and conditions.

US Commercial Lighting Manufacturer Since 1982

Specification Sheet

© FC Lighting, Inc. 3609 swenson ave • st. charles il • 60174 | fclighting.com | 800.900.1730

KW Rev. 071219



Ordering Information

ORDERING INFORMATION

FCBT690										
SERIES	VOLTAGE		HEIGHT		TEMPERATURE		LED LUMENS		FINISH	
FCBT690	UNV	UNV 120V-277V	42	42"	LED	27K	2700K	479 lumens (7W)	BK	Black
	347V*	347V* AC (integral)	36	36"		3K	3000K	958 lumens (13W)	BZ	Bronze
	480V*	480V* AC (integral)				35K	3500K	1436 lumens (20W)	CC	Custom Color
						4K	4000K	1915 lumens (26W)	SL	Silver
									WH	White
* consult factory for lead time ** BBU not with ELV										
									CD	Cane Detector
									LD	LED Dimming (0-10V) standard
									ELV*	ELV Dimming (120 only)
									DMX*	DMX Dimming* (integral)
									DALI*	DALI Dimming* (integral)
									SP20	20kv Surge Protection
									BBU**	Battery Backup, Remote
									HS	House Shield

Consult Factory for other options and configurations.

To ensure you receive proper configurations for your lighting specifications, contact us directly about any unique application requirements. This may include but not be limited to lumen output, mounting needs, or electrical components.



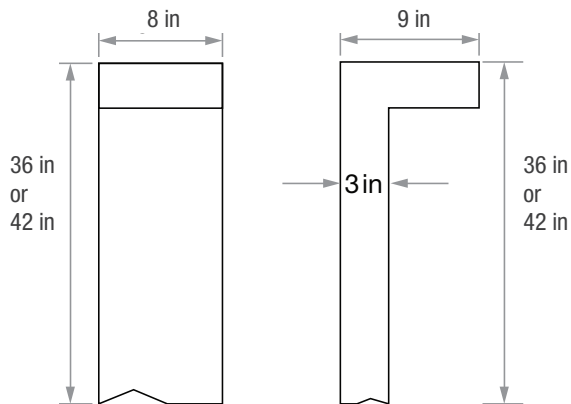
Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting terms and conditions.



Physical

PRODUCT DIMENSIONS - STANDARD PRODUCT

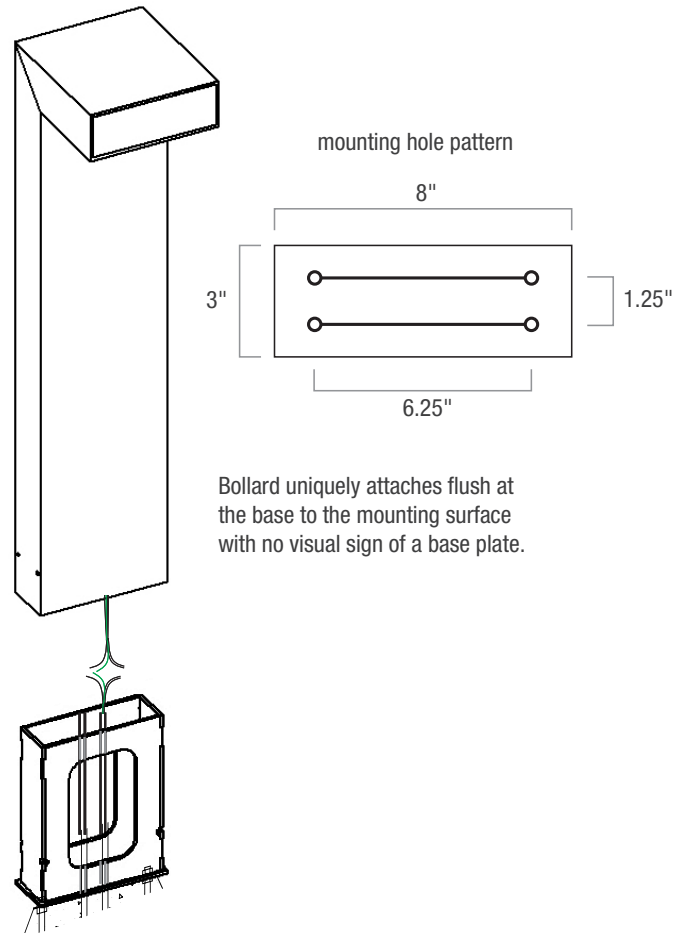
height	42"H or 36"H
width	8" W
depth	9" D top
depth	3" D base



MOUNTING - j-box sold by others

mounting plate depth	3" D
mounting plate width	8" W
anchor bolt size	3/8"Ø x 12"L x 2"Tang

Anchor Bolt Part #	94523B-4
Quantity Required	4 for each bollard

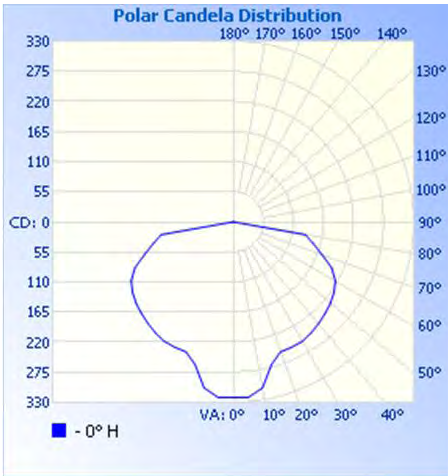


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Photometry

OPTICAL DISTRIBUTION



Illuminance at a Distance

	Center Beam fc	Beam Width	
1.7ft	111 fc	10.8 ft	10.9 ft
3.3ft	29.5 fc	21.0 ft	21.1 ft
5.0ft	12.8 fc	31.8 ft	31.9 ft
6.7ft	7.15 fc	42.6 ft	42.8 ft
8.3ft	4.66 fc	52.8 ft	53.0 ft
10.0ft	3.21 fc	63.6 ft	63.9 ft

■ Vert. Spread: 145.1°
■ Horiz. Spread: 145.2°

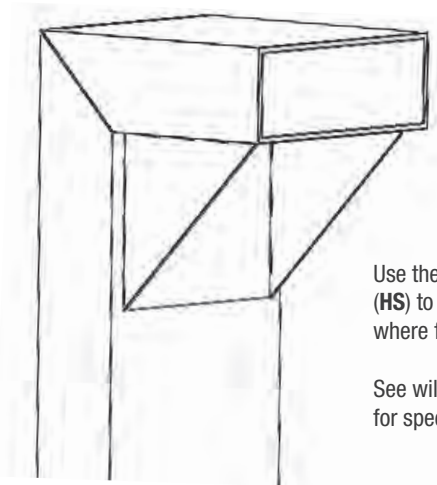
Lumen Output	1915 Lm @ 4000K
Power Consumption	26 W

itl illuminations testing laboratory

ACCESSORIES

FIND IES FILES ON FCLIGHTING.COM

HS - 180° House Shield



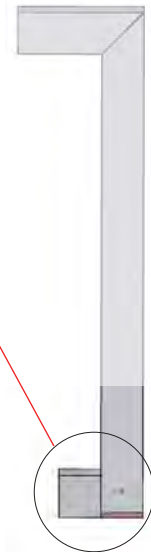
Use the 180° House Side Shield (HS) to protect beach side areas where fixtures are installed.

See wildlife fixture regulations for specific requirements.

CD - Cane Detector

foot depth	add 3" D at column base
foot width	8" W

SHOWS FCBT690
W/ CANE DETECTION



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JUNO SLIMFORM™ LED SURFACE MOUNT DOWNLIGHTS

FOR J-BOX INSTALLATION

5", 7", 11", 13" ROUND

JSF SERIES

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____



PRODUCT DESCRIPTION

Sleek, ultra-low profile energy efficient LED surface mount downlights in multiple sizes from 5" to 13" • Provides economical installation by mounting directly over standard and fire-rated junction boxes • Optional finish trims and shrouds available for custom, designer look similar to standard recessed downlights • Provides general illumination in residential and commercial applications including multi-family and hospitality • Ideal for use in corridors, living spaces, closets, hallways, pantries, stairways, outdoor covered areas without Emergency Option and much more.

PRODUCT SPECIFICATIONS

Construction Shallow, less than 1", solid ring with white finish • Non conductive fixture for shower light applications • Optional, field installable finish trims available for 5" and 7" versions to change the exterior finish of fixture • Optional, field installable decorative baffle and cone shrouds for 5" and 7" versions provide the aesthetic and source shielding similar to the experience of a fully recessed downlight.

Optics Light guide technology combined with diffusing lens conceals the LEDs from direct view and provides uniform lens luminance.

LED Light Engine LEDs mounted directly to heatsink designed to provide superior thermal management and ensure long life • 2700K, 3000K, 3500K or 4000K LED color temperature • LEDs binned for 4-step MacAdam ellipse color consistency • 90 CRI minimum.

LED Driver Choice of dedicated 120 volt (120) driver or universal voltage (MVOLT) driver that accommodates input voltages from 120-277 volts AC at 50/60Hz • Power factor > 0.9 at 120V input • 120 volt driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers • Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers • External driver is only available on 5" and 7" models • For a list of compatible dimmers, see [JUNOSLIMFORM-DIM](#).

Emergency Battery Option Available on fixture sizes 11" and larger • Battery factory assembled to fixture with integral test switch (EL option) • Drives LEDs for 90 minutes to meet Life Safety Code (NFPA-LSC), National Electrical Code (NEC), and UL requirements • Emergency battery not available in California due to Title 20 restrictions • EBX option provides back box without battery for consistent look when used in same space as fixtures with EL emergency option • Damp location only with emergency option.

Life Rated for 50,000 hours at >70% lumen maintenance.

Labels ENERGY STAR® certified • Certified to the high efficacy requirements of California T24 JA8-2016 • CSA listed for US and Canada • Suitable for wet locations (covered ceilings) • Damp location only with emergency option.

Testing All reports are based on published industry procedures; actual performance may differ as a result of the end-user environment and applications. All values are design or typical values, measured under laboratory conditions at 25 °C.

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

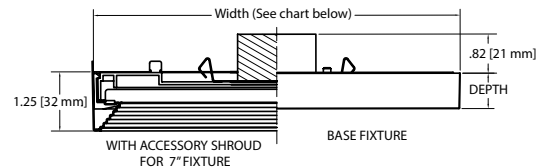
Specifications subject to change without notice.

INSTALLATION

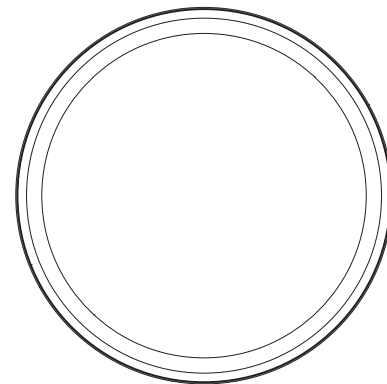
Junction Box Mounting Fixture provided with leads for direct wire connection in j-box • Installs directly to industry standard junction boxes • Compatible boxes include 4" metal or plastic octagonal standard and fire-rated junction boxes (3 1/2" junction box screw-hole spacing required for installation) • Minimum 2 1/8" deep junction box required for 5" and 7" fixtures (no depth requirement for 11" and larger fixtures) • Quick mount bracket provides fast installation of fully assembled fixture to junction box • Suitable for ceiling mount • Suitable for use within closet storage spaces when installed per NEC requirements.

Junction box sizes vary - Verify compatibility with fixture prior to installation

DIMENSIONS



External driver available on 5" and 7" models only.

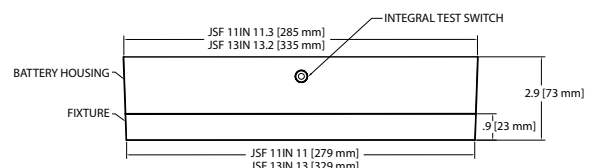


ROUND SPECIFICATIONS

	Width	Depth
JSF 5IN	5.25 (13.34)	0.75 (1.91)
JSF 7IN	7.77 (19.74)	0.75 (1.91)
JSF 11IN	11.08 (28.14)	0.9 (2.29)
JSF 13IN	13.05 (33.15)	0.9 (2.29)

All dimensions are in inches (centimeters) unless otherwise indicated.

EMERGENCY BATTERY FOR 11" AND 13"



JUNO SLIMFORM™ LED SURFACE MOUNT DOWNLIGHTS

FOR J-BOX INSTALLATION
5", 7", 11", 13" ROUND
JSF SERIES

PERFORMANCE DATA

	JSF 5IN		JSF 7IN		JSF 11IN		JSF 13IN	
	120V	MVOLT	120V	MVOLT	120V	MVOLT	120V	MVOLT
Lumens	700	700	1000	1000	1300	1300	1800	1800
CRI	90CRI		90CRI		90CRI		90CRI	
CCT	27K, 30K, 35K, 40K		27K, 30K, 35K, 40K		27K, 30K, 35K, 40K		27K, 30K, 35K, 40K	
Voltage	120V	120V-277V	120V	120V-277V	120V	120V-277V	120V	120V-277V
Input Power	10W	10W	13W	13W	15W	15W	20W	20W
Input Current	110MA	50MA	150MA	60MA	180MA	80MA	240MA	110MA
Frequency	50/60Hz		50/60Hz		50/60Hz		50/60Hz	
Power Factor	>0.9		>0.9		>0.9		>0.9	

ORDERING INFORMATION

Example: JSF 5IN 07LM 27K 90CRI 120 FRPC WH

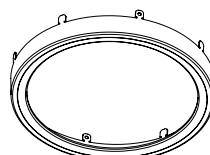
Series	Size/Lumens	Color Temperature	CRI	Voltage/Driver	Finish	Emergency Battery ^{1,2,3}
JSF SlimForm Surface Mount Downlight - Round	5IN 07LM 5", 700 Lumens	27K 2700K	90CRI 90+ CRI	120 FRPC Dedicated 120V, Forward Reverse Phase Dimmign MVOLT ZT Universal Voltage 120V-277V, 0-10V Dimming	WH White	EL ³ Battery Back-up Option EBX Empty Back Box for Aesthetics
	7IN 10LM 7", 1000 Lumens	30K 3000K				
	11IN 13LM 11", 1300 Lumens	35K 3500K				
	13IN 18LM 13", 1800 Lumens	40K 4000K				

ACCESSORIES

TRIM – Optional, field installable finish trim rings available to change the exterior finish of fixture.

Example: JSFTRIM 5IN BL

Series	Size	Finish
JSFTRIM SlimForm Accessory- Trim	5IN 5 inches	BL Black
	7IN 7 inches	BZ Bronze
		SN Satin Nickel

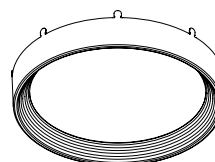


TRIM

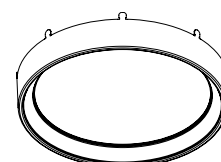
SHROUD – Optional, field installable decorative baffle and cone shrouds provides the aesthetic and source shielding similar to the experience of a fully recessed downlight.

Example: JSFSHROUD 5IN DB WWH

Series	Size	Shroud Style	Finish
JSFSHROUD SlimForm Accessory Shroud - Round	5IN 5 inches	DB Downlight Baffle	WWH White trim, white shroud
	7IN 7 inches	DC Downlight Cone	BWH ⁴ Black trim, white shroud
			HZWH Haze trim, white shroud
			WHZWH Wheat Haze trim, white shroud



BAFFLE SHROUD



CONE SHROUD

Note:

- Emergency battery available with 11IN and 13IN only.
- Emergency battery is only available with MVOLT ZT.
- Emergency battery option not available in California due to Title 20 restrictions.
- BWH only available with downlight baffle.

JUNO SLIMFORM™ LED SURFACE MOUNT DOWNLIGHTS

FOR J-BOX INSTALLATION
5", 7", 11", 13" ROUND
JSF SERIES

PHOTOMETRICS

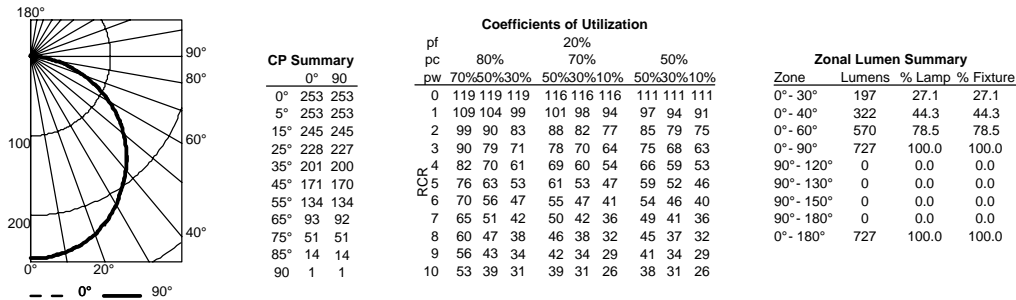
Distribution Curve

Distribution Data

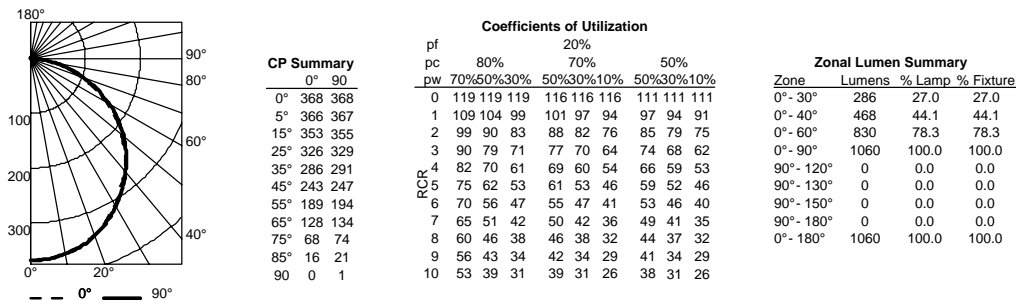
Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

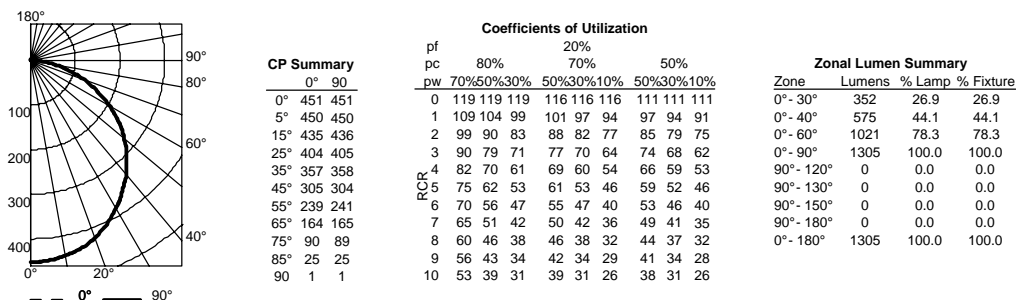
JSF 51N 27K, 2700K LEDs, input watts: 9.72, delivered lumens: 727, LM/W = 74.8, test no. ISF 33599, tested in accordance to IESNA LM-79.



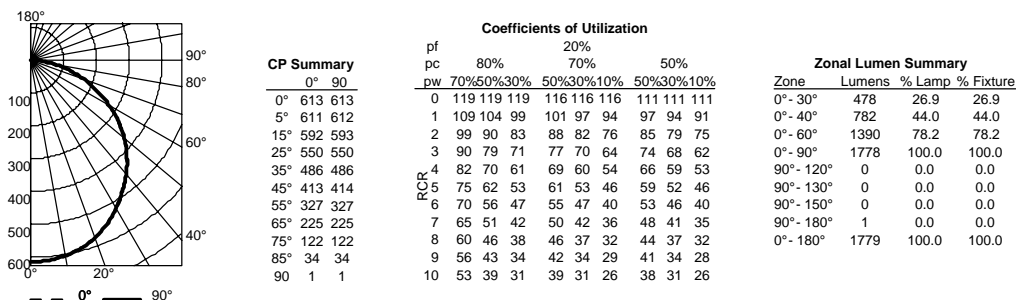
JSF 71N 27K, 2700K LEDs, input watts: 12.8, delivered lumens: 1060, LM/W = 82.8, test no. ISF 33600, tested in accordance to IESNA LM-79.



JSF 111N 27K, 2700K LEDs, input watts: 15.2, delivered lumens: 1305, LM/W = 85.9, test no. ISF 33661, tested in accordance to IESNA LM-79.



JSF 131N 27K, 2700K LEDs, input watts: 20.2, delivered lumens: 1779, LM/W = 88, test no. ISF 33663, tested in accordance to IESNA LM-79.



For 30K fixtures, use 1.02 multiplier; For 35K fixtures, use 1.03 multiplier; For 40K fixtures, use 1.07 multiplier.



d-series

D-Series Size 1 LED Flood Luminaire

Catalog
Number

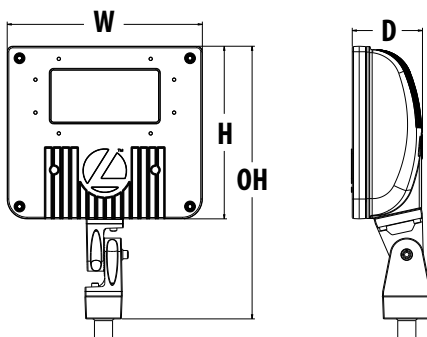
Notes

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Specifications

EPA:	0.6 ft ² (0.05 m ²)
Depth:	3-1/8" (8.0 cm)
Width:	8-7/8" (22.4 cm)
Height:	7-3/4" (19.8 cm)
Overall Height	12" (30.5 cm)
Weight:	7.2 lbs (3.3 kg)



Introduction

The D-Series floodlights feature a site-wide offering to meet specifier's every floodlighting need in application. The D-Series flood offers three sizes delivering 3,000 to 27,000 lumens. Available with seven precision optics, three mountings and three color temperatures, D-Series floodlights offer vast design capabilities while delivering significant energy savings and long life.

The DSXF1 delivers 3,000 to 5,500 lumens, meeting a large breadth of illumination requirements for design and renovation when replacing 70W to 150W HID floodlights. All configurations are made in North America allowing for quick delivery.

Ordering Information

EXAMPLE: DSXF1 LED P1 40K MSP MVOLT THK DDBXD

DSXF1 LED							
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting	Options	Finish (required)
DSXF1 LED	P1 P2	30K 3000K 40K 4000K 50K 5000K	NSP Narrow spot MSP Medium spot MFL Medium flood FL Flood WFL Wide flood WFR Wide flood, rectangular HMF Horizontal flood	MVOLT ¹ 120 ² 208 ² 240 ² 277 ² 347 ²	Shipped included THK Knuckle with 1/2"NPS threaded pipe IS Integral slipfitter (fits 2-3/8" O.D. tenon) YKC62 Yoke with 16-3 SO cord Shipped separately ³ DSXF1/2TS Tenon slipfitter (2-3/8" O.D. THK required) FTS CG6 Tenon Slipfitter (fits 2-3/8" to 2-7/8" O.D. tenon. YKC62 required)	Shipped installed PE Photocontrol, button style ⁴ PEX Photocontrol external threaded adjustable ⁴ SF Single fuse (120, 277, 347V) ² DF Double fuse (208, 240) ² DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) Shipped separately ³ UBV Upper/bottom visor (universal) FV Full visor VG Vandal guard	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White

Accessories

Ordered and shipped separately.

DSXF1/2TS DDBXD U	Slipfitter for 1-1/4" to 2-3/8" OD tenons; mates with 1/2" threaded knuckle (specify finish)
FRWB DDBXD U	Radius wall bracket, 2-3/8" OD tenon (specify finish)
FSPB DDBXD U	Steel square pole bracket, 2-3/8" OD tenon (specify finish)
DSXF1UBV DDBXD U	Upper/bottom visor accessory (specify finish)
DSXF1FV DDBXD U	Full visor accessory (specify finish)
DSXF1VG U	Vandal guard accessory

For more mounting options, visit our [Floodlighting Accessories](#) pages.

Stock configurations are offered for shorter lead times:

Standard Part Number	Stock Part Number	CI Code
DSXF1 LED P1 40K WFL MVOLT THK DDBXD	DSXF1 LED P1 40K	*240TJH
DSXF1 LED P1 50K WFL MVOLT THK DDBXD	DSXF1 LED P1 50K	*240TJG
DSXF1 LED P2 40K WFL MVOLT THK DDBXD	DSXF1 LED P2 40K	*240TJL
DSXF1 LED P2 50K WFL MVOLT THK DDBXD	DSXF1 LED P2 50K	*240TJJ
DSXF1/2 Slip-fitter Tenon Accessory DDBXD	DSXF1/2TS DDBXD U	*216GSK

NOTES

1. MVOLT driver operates on line voltage from 120-277V.
2. Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
3. Also available as accessories; see Accessories information at left.
4. Photocontrol (PE, PEX) requires 120, 208, 240, 277 or 347 voltage option.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown within applicable tolerances. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	Field Angle		Beam Angle		30K (3000K, 70 CRI)			40K (4000K, 70 CRI)			50K (5000K, 70 CRI)		
			°H	°V	°H	°V	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW
P1	21W	NSP	37	38	18	19	16,316	2,601	124	18,039	2,876	137	18,039	2,876	137
		MSP	51	51	27	28	9,908	2,578	123	10,954	2,850	136	10,954	2,850	136
		MFL	60	60	46	45	4,027	2,435	116	4,452	2,692	128	4,452	2,692	128
		FL	84	91	59	72	2,255	2,682	128	2,494	2,965	141	2,494	2,965	141
		WFL	109	101	86	85	1,494	2,766	132	1,652	3,058	146	1,652	3,058	146
		WFR	103	92	80	71	1,809	2,794	133	2,000	3,089	147	2,000	3,089	147
		HMF	124	63	100	48	2,001	2,329	111	2,212	2,575	123	2,212	2,575	123
P2	42W	NSP	37	38	18	19	29,740	4,741	113	32,881	5,242	125	32,881	5,242	125
		MSP	51	51	27	28	18,060	4,699	112	19,967	5,195	124	19,967	5,195	124
		MFL	60	50	46	45	7,340	4,439	106	8,115	4,908	117	8,115	4,908	117
		FL	84	91	59	72	4,111	4,889	116	4,545	5,406	129	4,545	5,405	129
		WFL	109	101	86	85	2,568	4,753	113	3,011	5,573	133	3,011	5,573	133
		WFR	103	92	80	71	3,297	5,094	121	3,645	5,631	134	3,645	5,632	134
		HMF	124	63	100	48	3,647	4,245	101	4,032	4,693	112	4,032	4,693	112

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	
0°C	32°F
10°C	50°F
20°C	68°F
25°C	77°F
30°C	86°F
40°C	104°F

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **DSXF1 LED P2** platform noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.97	0.96	0.95

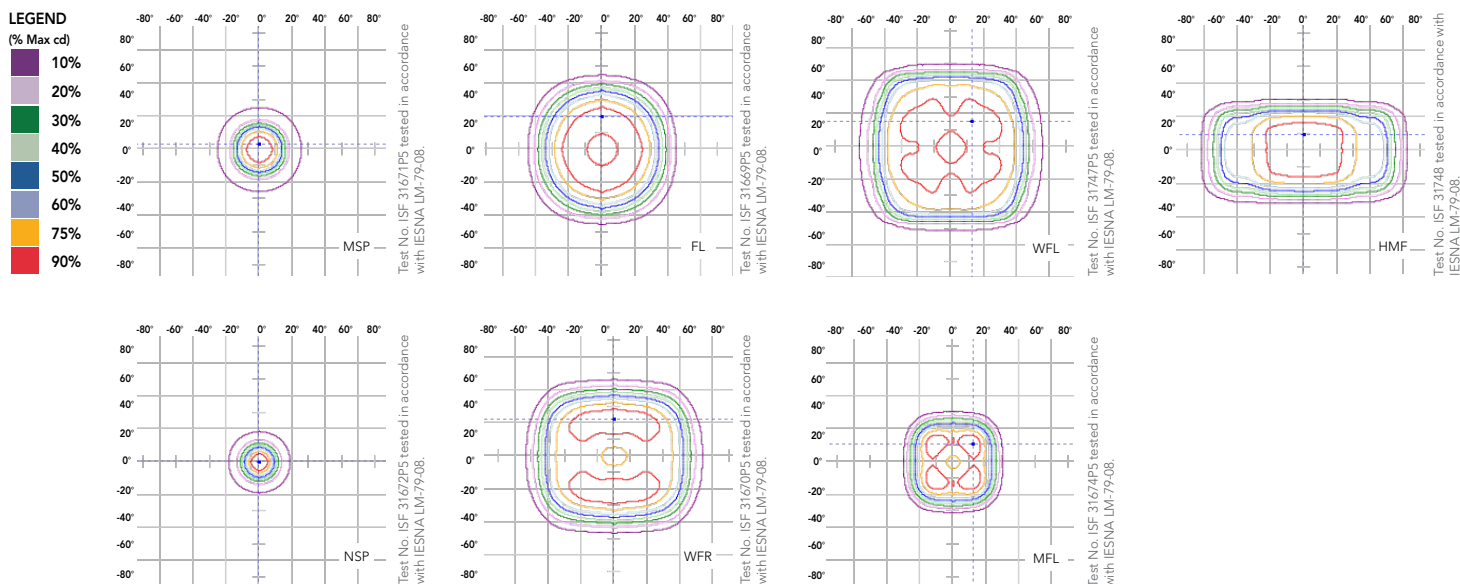
Electrical Load

Light Engines	System Watts	Current (A)					
		120	208	240	277	347	480
P1	21W	0.18	0.1	0.09	0.08	0.07	-
P2	42W	0.35	0.20	0.18	0.15	0.12	-

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Flood Size 1 homepage](#).

Iscandela plots for the DSXF1 LED P2 40K.





THK - Knuckle with 1/2" NPS threaded pipe



YKC62 - Yoke with 50 cord
H= 4-1/4" (10.7 cm)
D= 2-1/4" (5.7 cm)



IS - Integral slipfitter
H= 2-1/2" (6.3 cm)
ID= 2-3/8" (6.0 cm)
OD= 3-1/2" (8.8 cm)



UBV - Upper/bottom visor
W= 5-1/4" (13.3 cm)
H= 2-1/2" (6.3 cm)
D= 3" (7.6 cm)



FV - Full visor
W= 5-1/4" (13.3 cm)
H= 2-1/2" (6.3 cm)
D= 3" (7.6 cm)



VG - Vandal guard
W= 6-1/2" (16.5 cm)
H= 4" (10.1 cm)

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek and compact design of the D-Series floodlights reflects the embedded high performance LED technology while offering a clean aesthetic suitable for specification and general purpose floodlighting applications. Three sizes are available with seven precision optics allowing for maximum design versatility. DSXF1 delivers 3,000 to 5,500 lumens and is ideal for commercial lighting applications including new construction and replacing 70W to 150W HID floodlights. DSXF1 is ideal for security, facade, flagpole, column grazing and signage lighting applications.

CONSTRUCTION

The DSXF1 LED floodlight features rugged die-cast aluminum construction with integral heat sink fins that optimize thermal management through conductive and convective cooling. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. The housing and lens frame are completely sealed against moisture and environmental contaminants providing an IP66 rating. Low EPA (0.6 ft2) for optimized wind loading. DSXF1 is 1.5G vibration rated per ANSI C136.31.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, and white. Available in textured and non-textured finishes.

OPTICS

Seven unique precision-molded vacuum-metalized specular reflectors are engineered for superior field-to-beam ratios, uniformity and spacing. Light engines are available in 3000K, 4000K or 5000K (minimum 70 CRI) configurations. Optional visors offer additional versatility when shielding is required.

ELECTRICAL

Light engine(s) consist of chip-on-board (COB) LEDs directly coupled to the housing to maximize heat dissipation and promote long life. Class 2 electronic driver has a power factor >90%, THD <20%, and has an expected life of 100,000 hours with <1% failure rate. Standard 6KV surge protection meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Integral adjustable knuckle with 1/2-14 NPT threaded pipe, tenon slipfitter, or yoke mounting, facilitates quick and easy installation to a variety of mounting accessories. DSXF3 features a glass lens enclosure that is protected to IP66 and is rated for lighting aimed up above 90°. Suitable for mounting within 4 feet of ground.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY

5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



RSX1 LED Area Luminaire

Catalog
Number

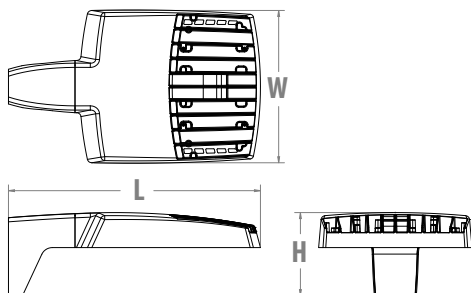
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Specifications

EPA (ft²@0°):	0.57 ft² (0.05 m²)
Length:	21.8" (55.4 cm) (SPA mount)
Width:	13.3" (33.8 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.4 cm) Arm
Weight (max):	31.0 lbs (14.1 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX1 delivers 7,000 to 17,000 lumens allowing it to replace 70W to 400W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

Ordering Information

EXAMPLE: RSX1 LED P4 40K R3 MVOLT SPA DDBXD

RSX1 LED					
Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX1 LED	P1	30K 3000K	R2 Type 2 Wide	MVOLT (120V-277V) ²	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°)
	P2	40K 4000K	R3 Type 3 Wide	HVOLT (347V-480V) ³	RPA Round pole mounting (3.2" min. dia. RND pole for 2, 3, 4 at 90°, 3.0" min. dia. RND pole for 1 at 90°, 2 at 180°, 3 at 120°)
	P3	50K 5000K	R3S Type 3 Short	(use specific voltage for options as noted)	MA Mast arm adaptor (fits 2-3/8" OD horizontal tenon)
	P4		R4 Type 4 Wide		IS Adjustable slipfitter (fits 2-3/8" OD tenon) ⁵
			R4S Type 4 Short		WBA Wall bracket ¹
			R5 Type 5 Wide ¹		WBASC Wall bracket with surface conduit box
			R5S Type 5 Short ¹	120 ³ 277 ⁴	AASP Adjustable tilt arm square pole mounting ⁵
			AFR Automotive Front Row	208 ³ 347 ⁴	AARP Adjustable tilt arm round pole mounting ⁵
			AFRR90 Automotive Front Row Right Rotated	240 ³ 480 ⁴	AAWB Adjustable tilt arm with wall bracket ⁵
			AFRL90 Automotive Front Row Left Rotated		AAWSC Adjustable tilt arm wall bracket and surface conduit box ⁵

Options			Finish	
Shipped Installed HS House-side shield ⁶ PE Photocontrol, button style ^{7,8} PEX Photocontrol external threaded, adjustable ^{8,9} PER7 Seven-wire twist-lock receptacle only (no controls) ^{8,10,11,12} CE34 Conduit entry 3/4" NPT (Qty 2) SF Single fuse (120, 277, 347) ⁴ DF Double fuse (208, 240, 480) ⁴ SPD20KV 20KV Surge pack (10KV standard) FAO Field adjustable output ^{8,12} DMG 0-10V dimming extend out back of housing for external control (control ordered separate) ^{8,12}			Shipped Installed *Standalone and Networked Sensors/Controls (factory default settings, see table page 9) NLTAIR2 nLight AIR generation 2 ^{12,13,14} PIRHN Networked, Bi-Level motion/ambient sensor (for use with NLTAIR2) ^{12,14,15} *Note: PIRHN with nLight Air can be used as a standalone or networked solution. Sensor coverage pattern is affected when luminaire is tilted. Shipped Separately (requires some field assembly) EGS External glare shield ⁶ EGFV External glare full visor (360° around light aperture) ⁶ BS Bird spikes ¹⁶	
			DDBXD	Dark Bronze
			DBLXD	Black
			DNAXD	Natural Aluminum
			DWHXD	White
			DDBTXD	Textured Dark Bronze
			DBLBXD	Textured Black
			DNATXD	Textured Natural Aluminum
			DWHGXD	Textured White



COMMERCIAL OUTDOOR

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Lithonia RSX1 Area LED
 Rev. 02/17/20
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Ordering Information

Accessories

Ordered and shipped separately.

RSX1HS	RSX1 House side shield (includes 1 shield)
RSX1HSAFRR U	RSX1 House side shield for AFR rotated optics (includes 1 shield)
RSX1EGS (FINISH) U	External glare shield (specify finish)
RSX1EGFV (FINISH) U	External glare full visor (specify finish)
RSXRPA (FINISH) U	RSX Universal round pole adaptor plate (specify finish)
RSXWBA (FINISH) U	RSX WBA wall bracket (specify finish) ¹
RSXSCB (FINISH) U	RSX Surface conduit box (specify finish, for use with WBA, WBA not included)
DLL127F 1.5 JU	Photocell -SSL twist-lock (120-277V) ¹⁷
DLL347F 1.5 CUL JU	Photocell -SSL twist-lock (347V) ¹⁷
DLL480F 1.5 CUL JU	Photocell -SSL twist-lock (480V) ¹⁷
DSHORT SBK U	Shorting cap ¹⁷

NOTES

- Any Type 5 distribution, is not available with WBA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Maximum tilt is 90° above horizontal.
- It may be ordered as an accessory.
- Requires MVOLT or 347V.
- Not available in combination with other light sensing control options (following options cannot be combined: PE, PEX, PER7, FAO, DMG, PIRHN).
- Requires 120V, 208V, 240V, 277V or 347V.
- Twistlock photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. Dimming leads capped for future use.
- For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010.
- Two or more of the following options cannot be combined including DMG, PER7, FAO and PIRHN.
- Must be ordered with PIRHN.
- Requires MVOLT or HVOLT.
- Must be ordered with NLTAIR2. For additional information on PIRHN visit [here](#).
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls.

External Shields



House Side Shield



External Glare Shield

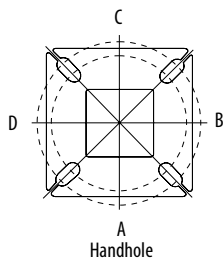


External 360 Full Visor

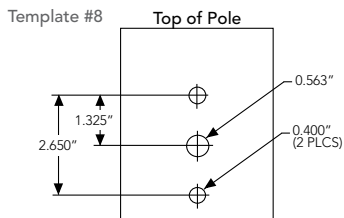
Pole/Mounting Information

Accessories including bullhorns, cross arms and other adapters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit [Accessories](#).

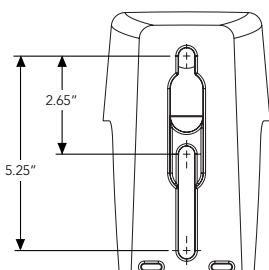
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters










Tenon O.D.	RSX Mounting	Single	2 @ 180°	2 @ 90°	3 @ 120°	3 @ 90°	4 @ 90°
2 - 3/8"	RPA, AARP	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 320	AS3-5 390	AS3-5 490
2 - 7/8"	RPA, AARP	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	RPA, AARP	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Drill/Side Location by Configuration Type

Drilling Template	Mounting Option	Single	2 @ 180	2 @ 90	3 @ 120	3 @ 90	4 @ 90
	Head Location	Side B	Side B & D	Side B & C	Round Pole Only	Side B, C & D	Side A, B, C & D
#8	Drill Nomenclature	DM19AS	DM28AS	DM29AS	DM32AS	DM39AS	DM49AS

RSX1 - Luminaire EPA

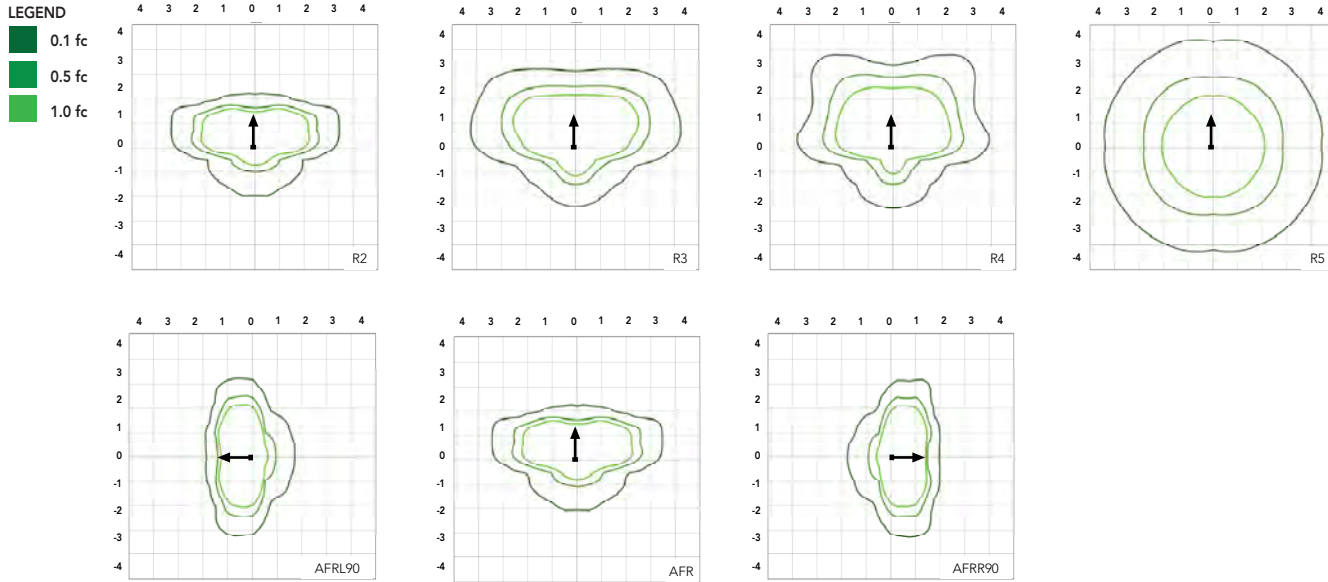
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

Fixture Quantity & Mounting Configuration		Single	2 @ 90	2 @ 180	3 @ 90	3 @ 120	4 @ 90	2 Side by Side	3 Side by Side	4 Side by Side
Mounting Type	Tilt									
SPA - Square Pole Adaptor	0 °	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
RPA - Round Pole Adaptor		0.62	1.08	1.15	1.62	1.46	2.13	1.36	1.8	2.36
MA - Mast Arm Adaptor		0.49	0.95	0.89	1.36	1.2	1.87	1.23	1.54	2.1
IS - Integral Slipfitter AASP/AARP - Adjustable Arm Square/Round Pole	0 °	0.57	1.03	1.05	1.52	1.36	2.03	1.31	1.7	2.26
	10°	0.68	1.34	1.33	2	1.74	2.64	1.35	2.03	2.71
	20°	0.87	1.71	1.73	2.56	2.26	3.42	1.75	2.62	3.49
	30°	1.24	2.19	2.3	3.21	2.87	4.36	2.49	3.73	4.97
	40°	1.81	2.68	2.98	3.85	3.68	5.30	3.62	5.43	7.24
	45°	2.11	2.92	3.44	4.2	4.08	5.77	4.22	6.33	8.44
	50°	2.31	3.17	3.72	4.52	4.44	6.26	4.62	6.94	9.25
	60°	2.71	3.66	4.38	5.21	5.15	7.24	5.43	8.14	10.86
	70°	2.78	3.98	4.54	5.67	5.47	7.91	5.52	8.27	11.03
	80°	2.76	4.18	4.62	5.97	5.76	8.31	5.51	8.27	11.03
	90°	2.73	4.25	4.64	6.11	5.91	8.47	5.45	8.18	10.97

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [RSX Area homepage](#).

Isofootcandle plots for the RSX1 LED P4 40K. Distances are in units of mounting height (20').



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

Ambient	Ambient	Lumen Multiplier
0°C	32°F	1.05
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97
45°C	113°F	0.96
50°C	122°F	0.95

Electrical Load

Performance Package	System Watts (W)	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	51W	0.42	0.25	0.21	0.19	0.14	0.11
P2	72W	0.60	0.35	0.30	0.26	0.21	0.15
P3	109W	0.91	0.52	0.45	0.39	0.31	0.23
P4	133W	1.11	0.64	0.55	0.48	0.38	0.27

Projected LED Lumen Maintenance

Operating Hours	50,000	75,000	100,000
Lumen Maintenance Factor	>0.97	>0.95	>0.92

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

Performance Data

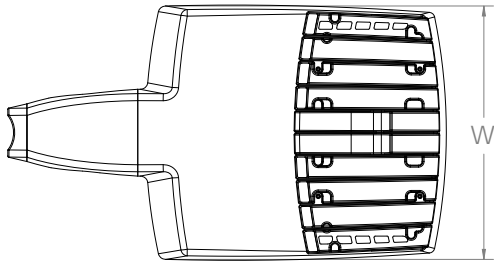
Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

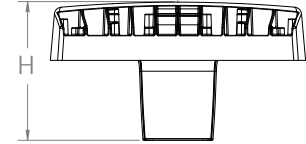
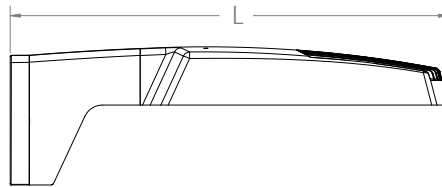
Performance Package	System Watts	Distribution Type	30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	51W	R2	6,482	1	0	1	126	7,121	1	0	1	139	7,121	1	0	1	139
		R3	6,459	1	0	2	127	7,096	1	0	2	139	7,096	1	0	2	139
		R3S	6,631	1	0	1	129	7,286	1	0	2	142	7,286	1	0	2	142
		R4	6,543	1	0	2	128	7,189	1	0	2	141	7,189	1	0	2	141
		R4S	6,313	1	0	1	124	6,936	1	0	1	136	6,936	1	0	1	136
		R5	6,631	3	0	2	130	7,286	3	0	2	143	7,286	3	0	2	143
		R5S	6,807	3	0	1	133	7,479	3	0	1	147	7,479	3	0	1	147
		AFR	6,473	1	0	1	127	7,112	1	0	1	139	7,112	1	0	1	139
		AFRR90	6,535	2	0	2	127	7,179	2	0	2	140	7,179	2	0	2	140
		AFRL90	6,562	2	0	1	128	7,210	2	0	2	140	7,210	2	0	2	140
P2	72W	R2	8,991	2	0	1	123	9,878	2	0	1	135	9,878	2	0	1	135
		R3	8,959	2	0	2	124	9,843	2	0	2	137	9,843	2	0	2	137
		R3S	9,198	2	0	2	126	10,106	2	0	2	139	10,106	2	0	2	139
		R4	9,077	2	0	2	126	9,972	2	0	2	139	9,972	2	0	2	139
		R4S	8,757	1	0	2	122	9,622	2	0	2	134	9,622	2	0	2	134
		R5	9,198	4	0	2	128	10,106	4	0	2	140	10,106	4	0	2	140
		R5S	9,443	3	0	1	131	10,374	3	0	1	144	10,374	3	0	1	144
		AFR	8,979	2	0	1	125	9,865	2	0	1	137	9,865	2	0	1	137
		AFRR90	9,064	3	0	2	124	9,959	3	0	2	137	9,959	3	0	2	137
		AFRL90	9,102	3	0	2	125	10,001	3	0	2	137	10,001	3	0	2	137
P3	109W	R2	12,808	2	0	1	117	14,072	2	0	2	129	14,072	2	0	2	129
		R3	12,763	2	0	2	117	14,023	2	0	2	129	14,023	2	0	2	129
		R3S	13,104	2	0	2	120	14,397	2	0	2	132	14,397	2	0	2	132
		R4	12,930	2	0	2	119	14,206	2	0	2	130	14,206	2	0	2	130
		R4S	12,475	2	0	2	114	13,707	2	0	2	126	13,707	2	0	2	126
		R5	13,104	4	0	2	120	14,397	4	0	2	132	14,397	4	0	2	132
		R5S	13,452	3	0	2	123	14,779	3	0	2	136	14,779	3	0	2	136
		AFR	12,791	2	0	1	117	14,053	2	0	2	129	14,053	2	0	2	129
		AFRR90	12,913	3	0	3	118	14,187	3	0	3	130	14,187	3	0	3	130
		AFRL90	12,967	3	0	2	118	14,247	3	0	3	130	14,247	3	0	3	130
P4	133W	R2	14,943	2	0	2	112	16,417	2	0	2	123	16,417	2	0	2	123
		R3	14,890	2	0	3	112	16,360	2	0	3	123	16,360	2	0	3	123
		R3S	15,287	2	0	2	115	16,796	2	0	2	126	16,796	2	0	2	126
		R4	15,085	2	0	3	113	16,574	2	0	3	125	16,574	2	0	3	125
		R4S	14,554	2	0	2	109	15,991	2	0	2	120	15,991	2	0	2	120
		R5	15,287	4	0	2	115	16,796	4	0	2	126	16,796	4	0	2	126
		R5S	15,693	4	0	2	118	17,242	4	0	2	130	17,242	4	0	2	130
		AFR	14,923	2	0	2	112	16,395	2	0	2	123	16,395	2	0	2	123
		AFRR90	15,065	3	0	3	113	16,551	3	0	3	124	16,551	3	0	3	124
		AFRL90	15,128	3	0	3	114	16,621	3	0	3	125	16,621	3	0	3	125

Dimensions

RSX1 with Round Pole Adapter (RPA)



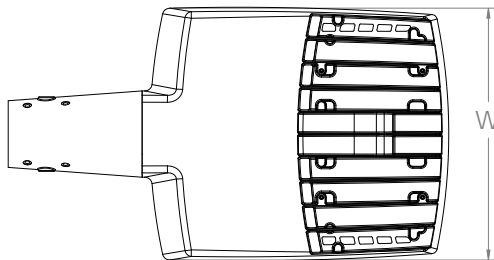
Length: 22.8" (57.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.4 cm) Arm



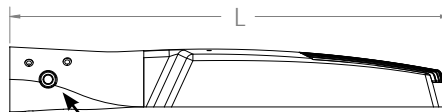
Note: RPA — Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.



RSX1 with Mast Arm Adapter (MA)

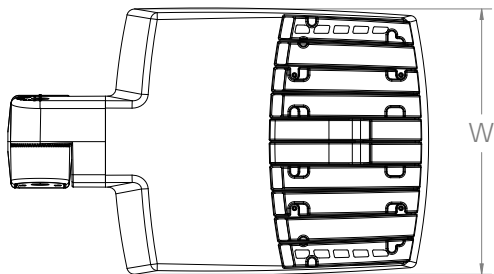


Length: 23.2" (59.1 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 3.5" (8.9 cm) Arm

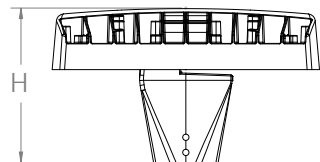
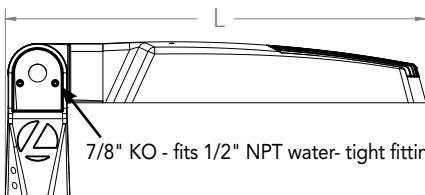


7/16" locking thru bolt/nut provided

RSX1 with Adjustable Slipfitter (IS)



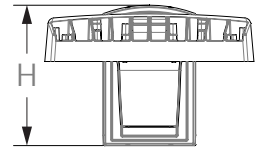
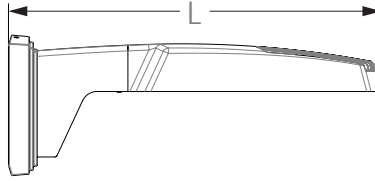
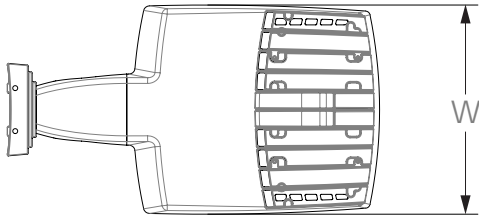
Length: 20.7" (52.7 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.6" (19.3 cm) Arm



7/8" KO - fits 1/2" NPT water-tight fitting

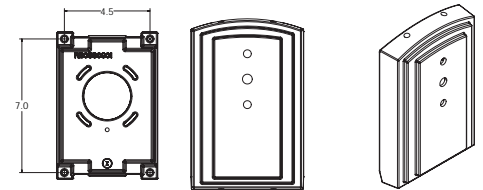
Dimensions

RSX1 with Wall Bracket (WBA)

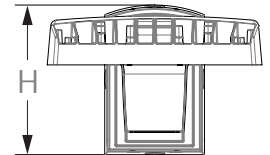
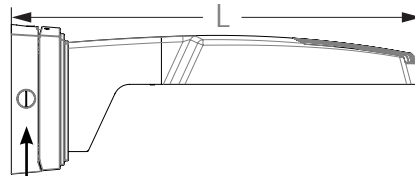
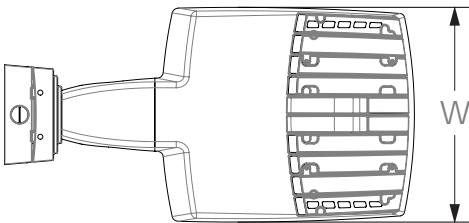


Length: 23.6" (59.9 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

Wall Bracket (WBA) Mounting Detail



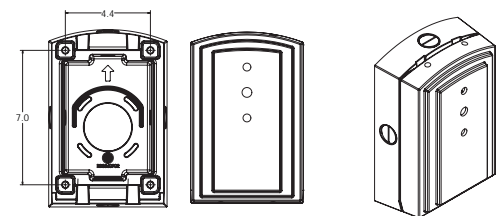
RSX1 with Wall Bracket with Surface Conduit Box (WBASC)



3/4" NPT taps with plugs - Qty (4) provided

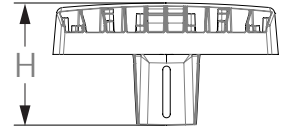
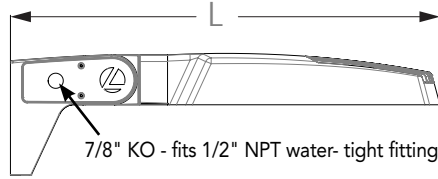
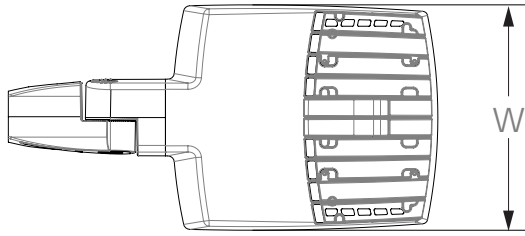
Length: 25.3" (64.3 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 9.2" (23.4 cm) Arm

Surface Conduit Box (SCB) Mounting Detail



Dimensions

RSX1 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)



Length: 25.3" (65.3 cm) **AASP**
 26.3" (66.8 cm) **AARP**
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 7.2" (18.2 cm) Arm



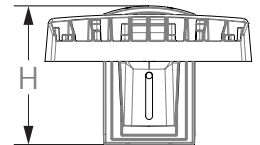
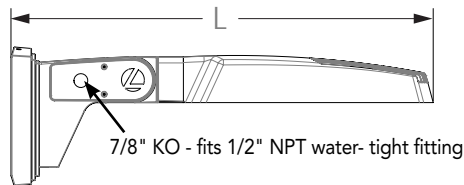
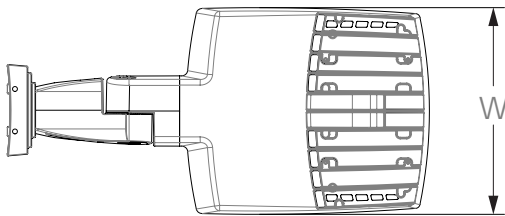
NOTE:
 RPA - Round Pole mount can also be used to mount on square poles by omitting the round pole adapter plate shown here.

Notes

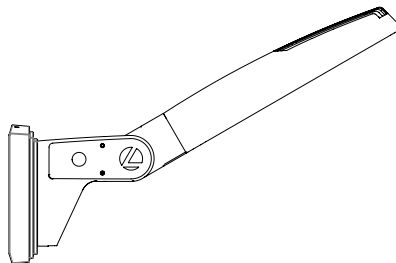
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

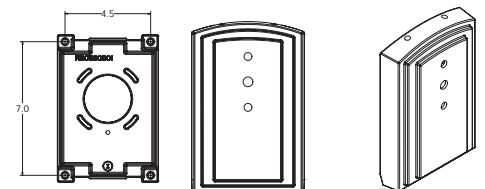
RSX1 with Adjustable Tilt Arm with Wall Bracket (AAWB)



Length: 27.1" (68.8 cm)
 Width: 13.3" (33.8 cm)
 Height: 3.0" (7.6 cm) Main Body
 8.9" (22.6 cm) Arm

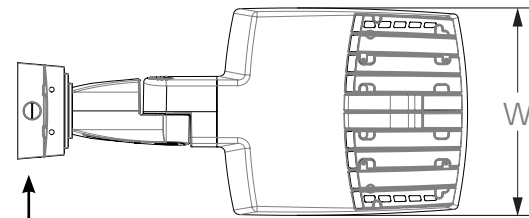


Wall Bracket (WBA) Mounting Detail



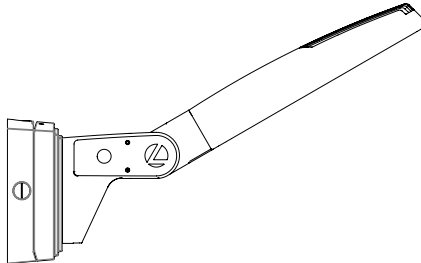
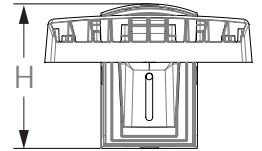
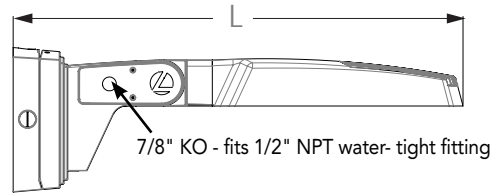
Dimensions

RSX1 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)

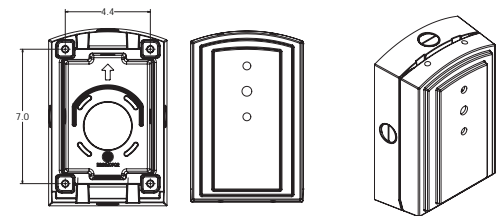


3/4" NPT taps
with plugs - Qty (4)
provided

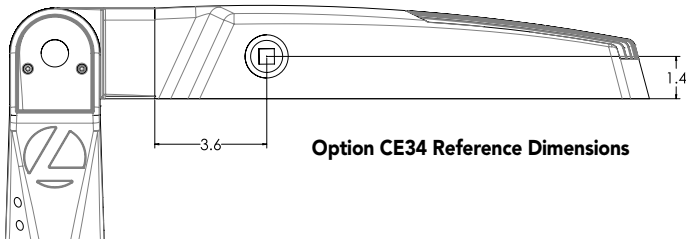
Length: 28.8" (73.2 cm)
Width: 13.3" (33.8 cm)
Height: 3.0" (7.6 cm) Main Body
9.2" (23.4 cm) Arm



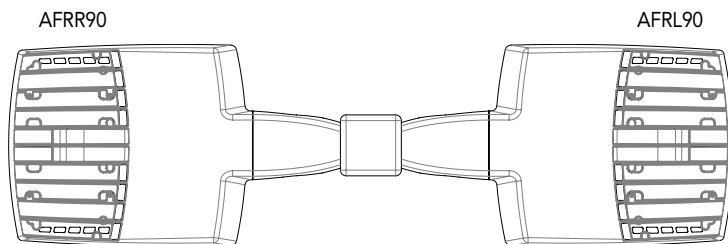
Surface Conduit Box (SCB) Mounting Detail



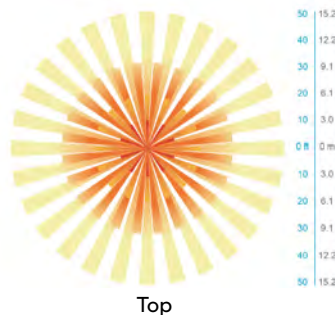
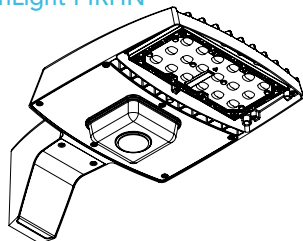
Additional Reference Drawings



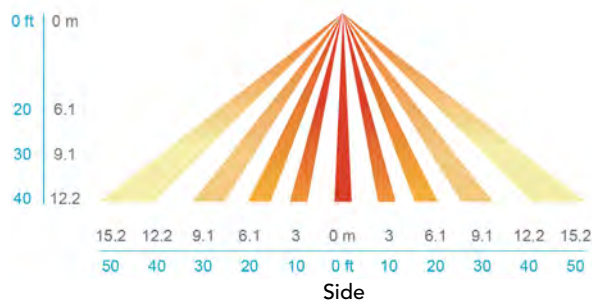
Automotive Front Row - Rotated Optics (AFRL90/R90)



PIRHN nLight Sensor Coverage Pattern



Top



Side

Motion Sensor Default Settings - Option PIRHN

Option	Dimmed State (unoccupied)	High Level (when occupied)	Photocell Operation	Dwell Time (occupancy time delay)	Ramp-up Time (from unoccupied to occupied)	Ramp-down Time (from occupied to unoccupied)
PIRHN	Approx. 30% Output	100% Output	Enabled @ 1.5FC	7.5 minutes	3 seconds	5 minutes

*Note: PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clarity Pro App.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-for-one replacement of existing metal halide or high pressure sodium lighting. The RSX1 delivers 7,000 to 17,000 lumens and is ideal for replacing 70W to 400W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. All mountings are rated for a 1.5 G vibration load per ANSI C136.31. WITH Vibration rated per ANSI C136.31: 3G Mountings: SPA, RPA, MA, IS, AASP, and AARP rated for 3G vibration. 1.5G Mountings: WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 3S, Type 4, Type 4S, Type 5, Type 5S, AFR (Automotive Front Row), and AFR rotated AFR90 and ARFL90.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default out-of-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



ADA



Date:

Approved:

Type:

Fixture:

Project:

FCSL103 IP65 rated exterior die-cast brick step light with vertical louvers for masonry applications. Corrosion resistant, die-cast aluminum construction, this fixture provides illumination for damp, dry or wet areas.

SPECIFICATIONS

PHYSICAL

lengths/dimensions [LxDxH]	fixture: 2.8" W x 9.44" H x 3" D
weight	2 lbs
housing	marine grade, corrosion resistant, heavy gauge aluminum, louvered faceplate
lens	opal, tempered, glass lens with precision formed semi-specular aluminum reflector.
mounting	mounts directly to standard junction box; concrete pour, masonry applications
ingress protection	IP65 : dry, damp or wet locations with extruded silicone gasket to seal out contaminants
finish	six stage chemical iron phosphate substrate pre-treatment process for a UV stable, super durable standard polyester powder coat

PERFORMANCE

color temperature	2700K	3000K	3500K	4000K	
lumen output	250 lm				
lifetime	> 70,000 hours / L70 or better				
color consistency	Step 3 McAdams Ellipse / standard: CRI ≥ 85 optional: 90CRI				
temperature	operating: -13°F to 104°F (-25°C to 40°C) start up: -13°F to 104°F (-25°C to 40°C) storage: -40°F to 176°F (-40°C to 80°C)				
junction temperature	73°C @ T ^A 25°C				
warranty	5 year limited warranty (refer to website for details)				

NON-LED

CFL	socket: PL: four pin plug-in type compact fluorescent lamp holder (lamp by others)
ballast	ballast: fluorescent electronic, UL listed ballast standard

ELECTRICAL

input voltage	Universal 120–277V AC
power supply	integral Class II, electronic high-power factor > 94% @120V
certifications	ETL / cETL Listed ADA compliant
standards	UL1598/CSA C22.2 No. 250.0; UL 8750/CSA C22.2 No. 250.13/IES LM-79/LM-80
power consumption	10W @ 120V - 277V
dimming interface	standard: 0-10V (10%)

Expanded Disclaimer: Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting and Solid State Luminaires reserves the right to change lab test details or specifications without notice. Product use certifies agreement to Solid State Luminaires terms and conditions. FCW & FCWS Series fixtures are engineered and produced in our Illinois manufacturing facility.



Ordering Information



ORDERING INFORMATION

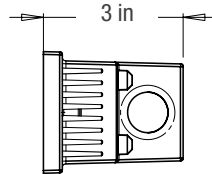
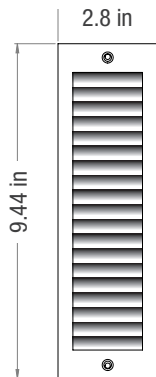
FCSL103					
SERIES	VOLTAGE	SOURCE/TEMPERATURE/LED LUMENS	CRI	FINISH	OPTIONS & ACCESSORIES
FCSL103	120V 120V	LED 27K 200 Lumens (10W)	CRI85 85 CRI	BK Black	LD LED Dimming (0-10V)
	277V 277V	3K	CR85 Standard	BZ Bronze	LED Dimming Standard
	UNV 120V-277V	35K	CRI90 90 CRI	CC Custom Color	HB Hanger Bracket
		4K		SL Silver	BBU Battery Backup, Remote
		* consult factory for non-LED sources		WH White	

Dimensions



PRODUCT DIMENSIONS - STANDARD PRODUCT

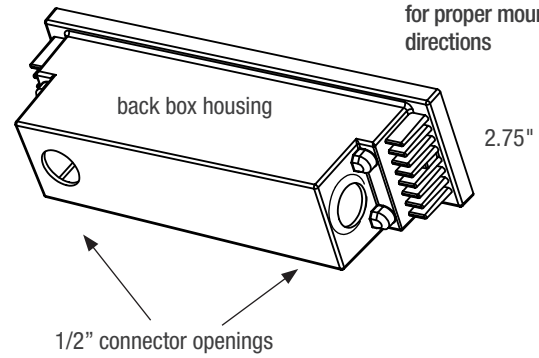
width	9.44" W
height	2.8" H
depth	3" D



MOUNTING - *j-box sold by others*

back box width	9.375" W
back box height	2.64" H
back box depth	3" D

back box mounts inside brick masonry: faceplate flush to surface or in front of surface - see installation instructions for proper mounting directions

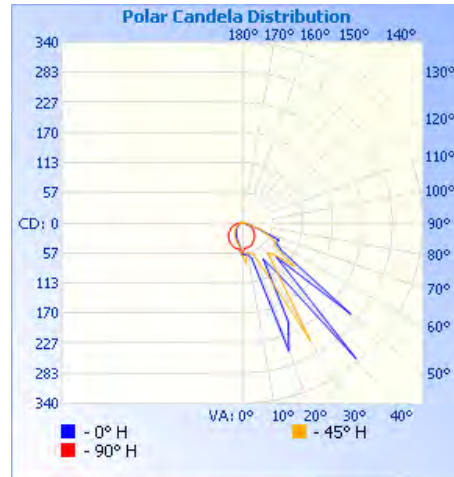
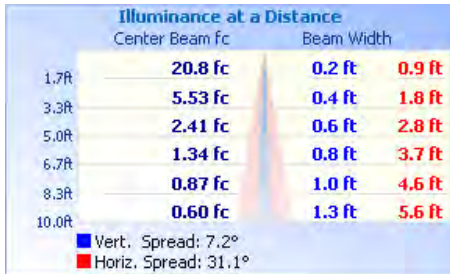


Photometry



OPTICAL DISTRIBUTION

lumen output	254 Lm @ 4000K
power consumption	10W



itl illuminations testing labroatory : Report #2038

Model No :: **20050LEDDMG-BL**

Name :: Edge



Project Name :: _____

Location :: _____

Type :: _____

Quantity :: _____

Notes :: _____

Product Information

Product ID :: 20050

UPC Code :: 641594230116

Mounting Type :: Wall

Finish :: Black (BL)

Diffuser :: 0

Alt. Finishes :: Black (BL); Satin (SAT)

Alt. Diffusers :: 0

Product Dimensions**Fixture**

Length :: N/A

Width :: 5.5"

Diameter :: N/A

Extension :: 4"

Height :: 7.25"

Overall Height :: N/A

Canopy

Length :: N/A

Width :: N/A

Diameter :: N/A

Height :: N/A

Technical Specifications**Qualifications**

Location Rating :: Wet

Certification :: ETL Listed (US/Canada)

IES File ::

JA8 Compliant :: No

Energy Star :: No

ADA Compliant :: Yes

Marine Grade :: Yes

Emergency Lighting :: No

Warranty :: 5 Year Limited

Specifications

Frame Material :: Metal

Diffuser Material :: Glass

Voltage :: 120v

Lamping Type :: Dedicated
LED

Lamping Base :: SSL

Lamp Quantity :: 1

Lamp Wattage :: 13 W

Total Wattage :: 13w

Lamps Included :: Yes

J-Box Type :: Standard

Photometrics

CCT :: 3000

CRI :: 90

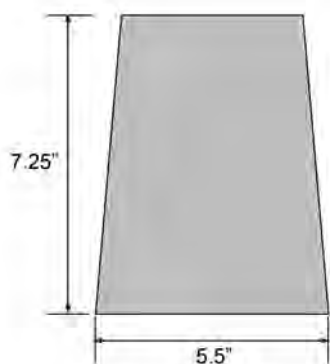
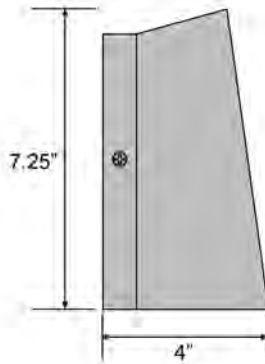
Wattage :: 13w

Nominal
Lumens :: 795LmDelivered
Lumens :: 448Lm

Additional Items :: 0

Recommended Dimmers

(ELV) LUTRON Diva DVELV-303P; (ELV) LUTRON Maestro MAELV-600; (ELV) LUTRON Skylark SELV-300P; (TRIAC) LEVITON Decora Sureslide 6672; (TRIAC) LEVITON Decora Sureslide 6674; (TRIAC) LUTRON Diva DVCL-153P; (TRIAC) LUTRON Skylark CL

Line Drawing #1**Line Drawing #2****IES File****Toll Free 800-828-5483 • www.AccessLighting.com**

14410 Myford Road, Irvine, CA 92606

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Rev. 202004 Filename: 20050LEDDMG-BL.pdf





WDGE1 LED

Architectural Wall Sconce

Catalog
Number

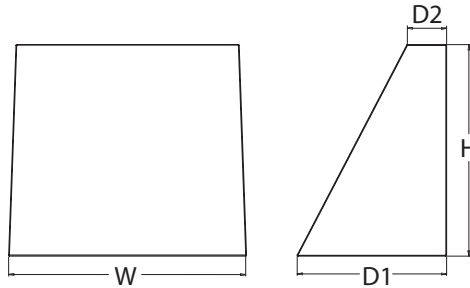
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1): 5.5"
Depth (D2): 1.5"
Height: 8"
Width: 9"
Weight: 9 lbs
 (without options)



Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

WDGE LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Sensor	Lumens (4000K)					
				P1	P2	P3	P4	P5	P6
WDGE1 LED	4W	--	--	1,200	2,000	--	--	--	--
WDGE2 LED	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	--
WDGE3 LED	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	--	--	Standalone / nLight	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE1 LED	P1	27K 2700K	80CRI	VF Visual comfort forward throw	MVOLT	Shipped included SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁵ Shipped separately AWS 3/8inch Architectural wall spacer BBW Surface-mounted back box PBBW Premium surface-mounted back box (top, left, right conduit entry)
	P2	30K 3000K	90CRI	VW Visual comfort wide	347 ²	
		35K 3500K				
		40K 4000K				
		50K ¹ 5000K				

Options	Finish
E4WH ³ Emergency battery backup, CEC compliant (4W, 0°C min)	DDBXD Dark bronze
PE ⁴ Photocell, Button Type	DBLXD Black
DS Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)	DNAXD Natural aluminum
DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	DWHXD White
BCE Bottom conduit entry for premium back box (PBBW). Total of 4 entry points.	DSSXD Sandstone
	DDBTXD Textured dark bronze
	DBLTXD Textured black
	DNATXD Textured natural aluminum
	DWHGXD Textured white
	DSSTXD Textured sandstone

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE1PBBW DDBXD U	WDGE1 Premium surface-mounted back box (specify finish)
WSBBW DDBXD U	Surface - mounted back box (specify finish)

NOTES

- 50K not available in 90CRI.
- 347V not available with E4WH, DS or PE.
- E4WH not available with PE or DS.
- PE not available with DS.
- Not qualified for DLC. Not available with E4WH.



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WDGE1 LED
 Rev. 04/15/20

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					35K (3500K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	10W	VF	1,120	112	0	0	0	1,161	116	0	0	0	1,194	119	0	0	0	1,227	123	0	0	0	1,235	123	0	0	0
		VW	1,122	112	0	0	0	1,163	116	0	0	0	1,196	120	0	0	0	1,229	123	0	0	0	1,237	124	0	0	0
P2	15W	VF	1,806	120	1	0	0	1,872	125	1	0	0	1,925	128	1	0	0	1,978	132	1	0	0	1,992	133	1	0	0
		VW	1,809	120	1	0	0	1,876	125	1	0	0	1,929	128	1	0	0	1,982	132	1	0	0	1,996	133	1	0	0

Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P1	10W	0.082	0.049	0.043	0.038	--
	13W	--	--	--	--	0.046
P2	15W	0.132	0.081	0.072	0.064	--
	18W	--	--	--	--	0.056

Lumen Multiplier for 90CRI

CCT	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Dist. Type	Lumens
E4WH	VF	646
	VW	647

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

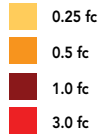
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91

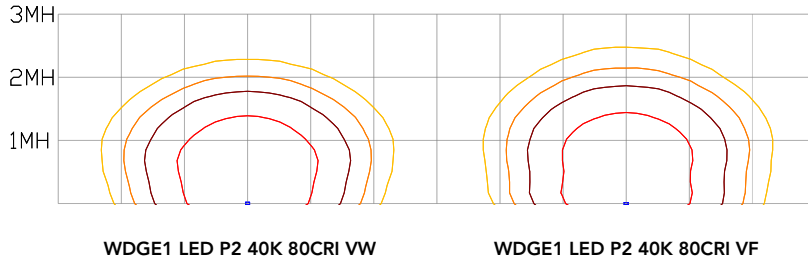
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage.
Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND



MH = 8ft
Grid = 8ft x 8ft



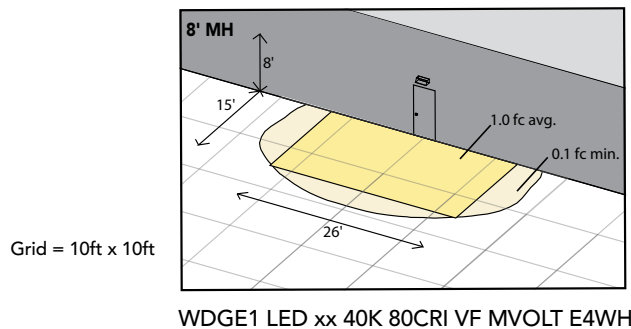
Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90 minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

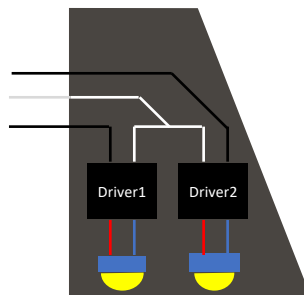
The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.



Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark. This option is typically used with a back generator or inverter providing emergency power.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9





E4WH – 4W Emergency Battery Backup

D = 5.5"

H = 8"

W = 9"



PBBW – Premium Back Box

D = 1.75"

H = 8"

W = 9"



BBW – Standard Back Box

D = 1.5"

H = 4"

W = 5.5"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"

H = 4.4"

W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2).

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



WEDGE3 LED

Architectural Wall Sconce

Catalog
Number

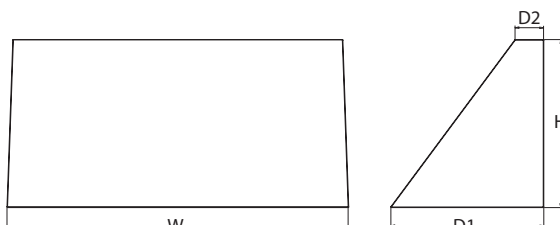
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1): 8"
Depth (D2): 1.5"
Height: 9"
Width: 18"
Weight: 19.5 lbs
 (without options)



Introduction

The WEDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WEDGE family provides additional energy savings and code compliance.

WEDGE3 has been designed to deliver up to 12,000 lumens through a precision refractive lens with wide distribution, perfect for augmenting the lighting from pole mounted luminaires.

WEDGE LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Sensor	Lumens (4000K)					
				P1	P2	P3	P4	P5	P6
WEDGE1 LED	4W	--	--	1,200	2,000	--	--	--	--
WEDGE2 LED	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	--
WEDGE3 LED	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	--	--
WEDGE4 LED	--	--	Standalone / nLight	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WEDGE3 LED P3 40K 70CRI R3 MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting	
WEDGE3 LED	P1	30K 3000K	70CRI	R2 Type 2	MVOLT	Shipped included	
	P2	40K 4000K		R3 Type 3	347 ¹	SRM Surface mounting bracket	AWS 3/8inch Architectural wall spacer
	P3	50K 5000K		R4 Type 4	480 ¹	ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁴	BBW Surface-mounted back box
	P4			RFT Forward Throw			PBBW Premium surface-mounted back box (top, left, right conduit entry)

Options			Finish	
E15WH	Emergency battery backup, CEC compliant (15W, 5°C min)	Standalone Sensors/Controls PIR Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching. PIRH Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching PIR1FC3V Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation. PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation. Networked Sensors/Controls NLTAIR2 PIR nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights. NLTAIR2 PIRH nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights. See page 4 for out of box functionality	DDBXD	Dark bronze
E20WC	Emergency battery backup, CEC compliant (18W, -20°C min)		DBLXD	Black
PE ²	Photocell, Button Type		DNAXD	Natural aluminum
DMG ³	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)		DWHXD	White
BCE	Bottom conduit entry for premium back box (PBBW). Total of 4 entry points.		DSSXD	Sandstone
SPD10KV	10kV Surge pack	DDBTXD	Textured dark bronze	
		DBLBXD	Textured black	
		DNATXD	Textured natural aluminum	
		DWHGXD	Textured white	
		DSSTXD	Textured sandstone	

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WEDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE3PBBW DDBXD U	WEDGE3 Premium surface-mounted back box (specify finish)
WSBBW DDBXD U	Surface - mounted back box (specify finish)

NOTES

- 347V and 480V not available with E15WH and E20WC.
- PE not available in 480V and with sensors/controls.
- DMG option not available with sensors/controls.
- Not qualified for DLC. Not available with emergency battery backup or sensors/controls



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WEDGE3 LED
 Rev. 04/15/20

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	52W	R2	7,037	136	1	0	1	7,649	148	2	0	1	7,649	148	2	0	1
		R3	6,922	134	1	0	2	7,524	145	1	0	2	7,524	145	1	0	2
		R4	7,133	138	1	0	2	7,753	150	1	0	2	7,753	150	1	0	2
		RFT	6,985	135	1	0	2	7,592	147	1	0	2	7,592	147	1	0	2
P2	59W	R2	7,968	135	2	0	1	8,661	147	2	0	1	8,661	147	2	0	1
		R3	7,838	133	1	0	2	8,519	144	1	0	2	8,519	144	1	0	2
		R4	8,077	137	1	0	2	8,779	149	1	0	2	8,779	149	1	0	2
		RFT	7,909	134	1	0	2	8,597	146	2	0	2	8,597	146	2	0	2
P3	71W	R2	9,404	132	2	0	1	10,221	143	2	0	1	10,221	143	2	0	1
		R3	9,250	130	2	0	2	10,054	141	2	0	2	10,054	141	2	0	2
		R4	9,532	134	2	0	2	10,361	145	2	0	2	10,361	145	2	0	2
		RFT	9,334	131	2	0	2	10,146	142	2	0	2	10,146	142	2	0	2
P4	88W	R2	11,380	129	2	0	1	12,369	140	2	0	1	12,369	140	2	0	1
		R3	11,194	127	2	0	2	12,167	138	2	0	2	12,167	138	2	0	2
		R4	11,535	131	2	0	2	12,538	142	2	0	2	12,538	142	2	0	2
		RFT	11,295	128	2	0	2	12,277	139	2	0	2	12,277	139	2	0	2

Electrical Load

Performance Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	52W	0.437	0.246	0.213	0.186	0.150	0.110
P2	59W	0.498	0.287	0.251	0.220	0.175	0.126
P3	71W	0.598	0.344	0.300	0.262	0.210	0.152
P4	88W	0.727	0.424	0.373	0.333	0.260	0.190

Lumen Output in Emergency Mode (4000K, 70 CRI)

Option	Dist. Type	Lumens
E15WH	R2	3,185
	R3	3,133
	R4	3,229
	RFT	3,162
E20WC	R2	3,669
	R3	3,609
	R4	3,719
	RFT	3,642

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.05
10°C	50°F	1.03
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

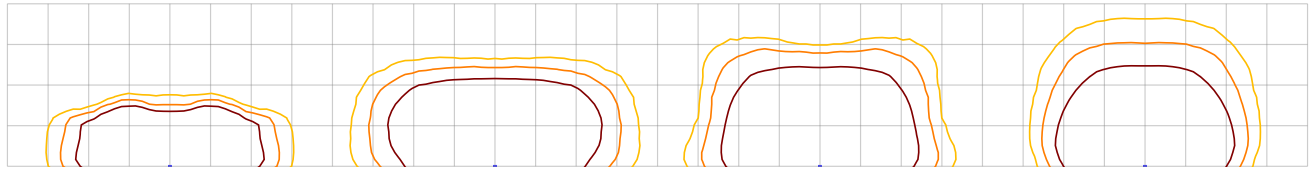
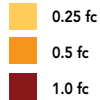
Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.98	>0.97	>0.92



Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND



MH = 15ft
Grid = 15ft x 15ft

WDGE3 LED P3 40K 70CRI R2

WDGE3 LED P3 40K 70CRI R3

WDGE3 LED P3 40K 70CRI R4

WDGE3 LED P3 40K 70CRI RFT

Emergency Egress Options

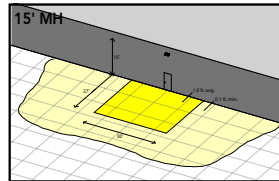
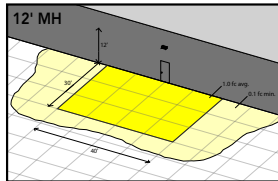
Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain, minimum of 60% of the light output at the end of 90 minutes.

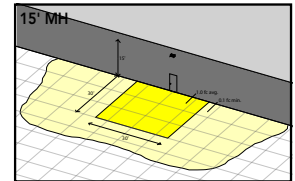
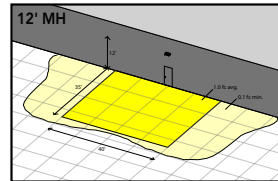
Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The examples below show illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E15WH or E20WC and R4 distribution.

Grid = 10ft x 10ft



WDGE3 LED xx 40K 70CRI R4 MVOLT E15WH



WDGE3 LED xx 40K 70CRI R4 MVOLT E20WC

Motion/Ambient Sensor (PIR_, PIRH_)

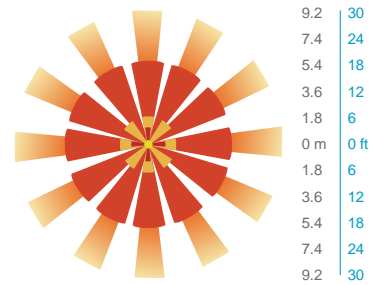
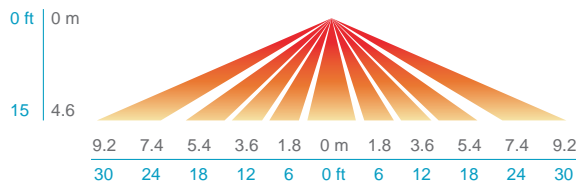
Motion/Ambient sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

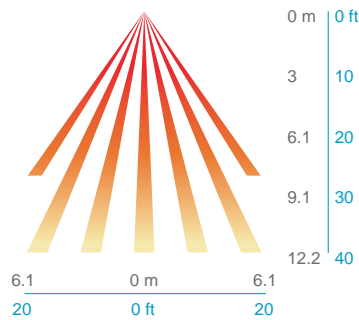
PIR

HIGH VIEW

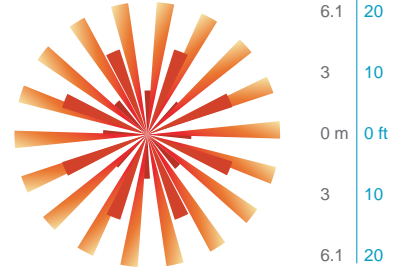


PIRH

SIDE VIEW



TOP VIEW



Motion/Ambient Sensor Default Settings

Option	Dim Level	High Level (when triggered)	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec



**NLTAIR2 PIR – nLight AIR
Motion/Ambient Sensor**

D = 8"

H = 11"

W = 18"



PBBW – Premium Back Box

D = 1.75"

H = 9"

W = 18"



BBW – Standard Back Box

D = 1.5"

H = 4"

W = 5.5"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"

H = 4.4"

W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION

The single-piece die-cast aluminum housing to optimize thermal transfer from the light engine and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. Light engines are available in 3000 K, 4000 K or 5000 K (minimum 70 CRI) configurations. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L92/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2).

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated; luminaire is IP65 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature and SRM mounting only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.