

7601 University Ave, Ste 201

ISSUED

Land Use & UDC Submittal - August 8, 2022

PROJECT TITLE 5602 & 5606 Schroeder Road

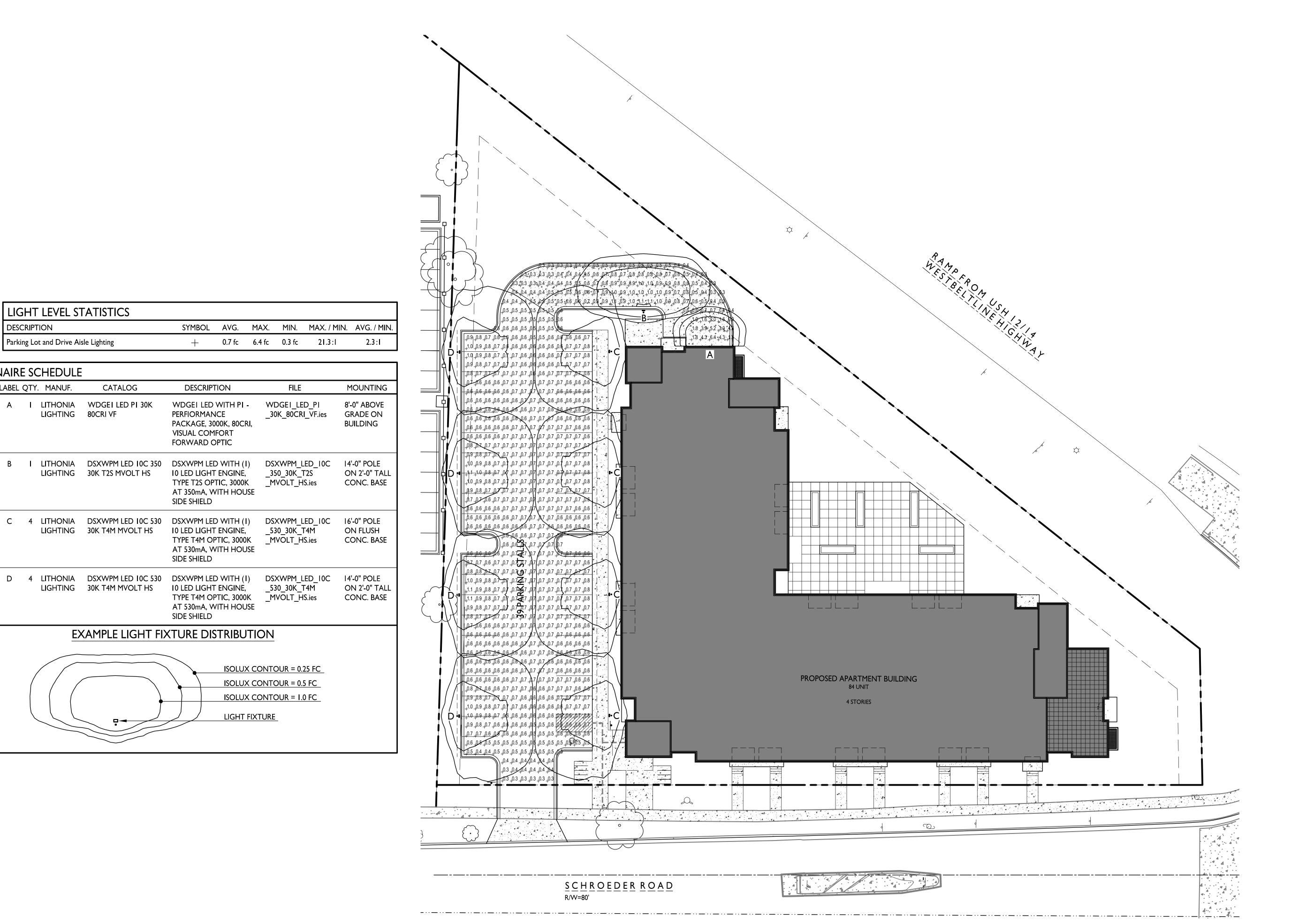
Madison, Wisconsin

SHEET TITLE Site Plan

SHEET NUMBER

PROJECT NO.

2230





Land Use & UDC Submittal - August 8, 2022

PROJECT TITLE 5602 & 5606 Schroeder Road

Madison, Wisconsin

SHEET TITLE Site Lighting Plan

SHEET NUMBER

PROJECT NO.

2230 © Knothe & Bruce Architects, LLC

SITE LIGHTING PLAN C-1.2 | I" = 20'-0"

LIGHT LEVEL STATISTICS

LIGHTING 80CRI VF

CATALOG

WDGEI LED PI 30K

DSXWPM LED 10C 350

LIGHTING 30K T2S MVOLT HS

LIGHTING 30K T4M MVOLT HS

Parking Lot and Drive Aisle Lighting

LITHONIA

0.7 fc 6.4 fc 0.3 fc 21.3:1

FILE

_30K_80CRI_VF.ies

DSXWPM_LED_10C

_350_30K_T2S

_MVOLT_HS.ies

_530_30K_T4M

ISOLUX CONTOUR = 0.25 FC

ISOLUX CONTOUR = 0.5 FC

ISOLUX CONTOUR = I.0 FC

LIGHT FIXTURE

WDGEI_LED_PI

DESCRIPTION

PERFIORMANCE

VISUAL COMFORT FORWARD OPTIC

WDGEI LED WITH PI -

PACKAGE, 3000K, 80CRI,

DSXWPM LED WITH (I)

TYPE T2S OPTIC, 3000K

AT 350mA, WITH HOUSE

AT 530mA, WITH HOUSE

10 LED LIGHT ENGINE,

AT 530mA, WITH HOUSE

TYPE T4M OPTIC, 3000K __MVOLT_HS.ies

TYPE T4M OPTIC, 3000K _MVOLT_HS.ies

SIDE SHIELD

SIDE SHIELD

SIDE SHIELD

EXAMPLE LIGHT FIXTURE DISTRIBUTION

LIGHTING 30K T4M MVOLT HS I0 LED LIGHT ENGINE, _____530_30K_T4M

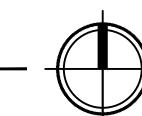
10 LED LIGHT ENGINE,

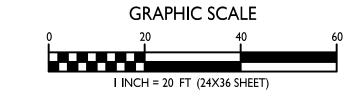
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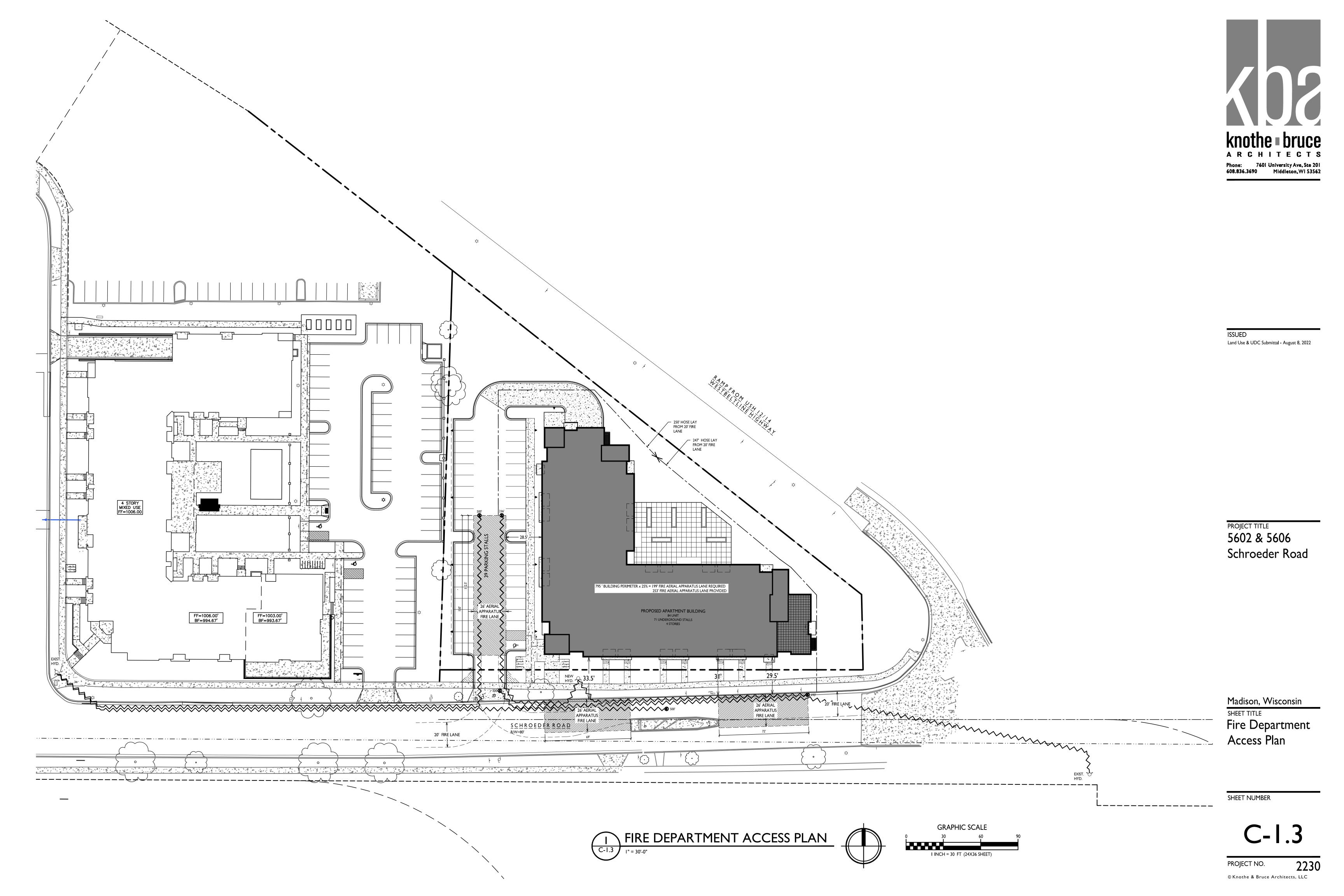
LUMINAIRE SCHEDULE

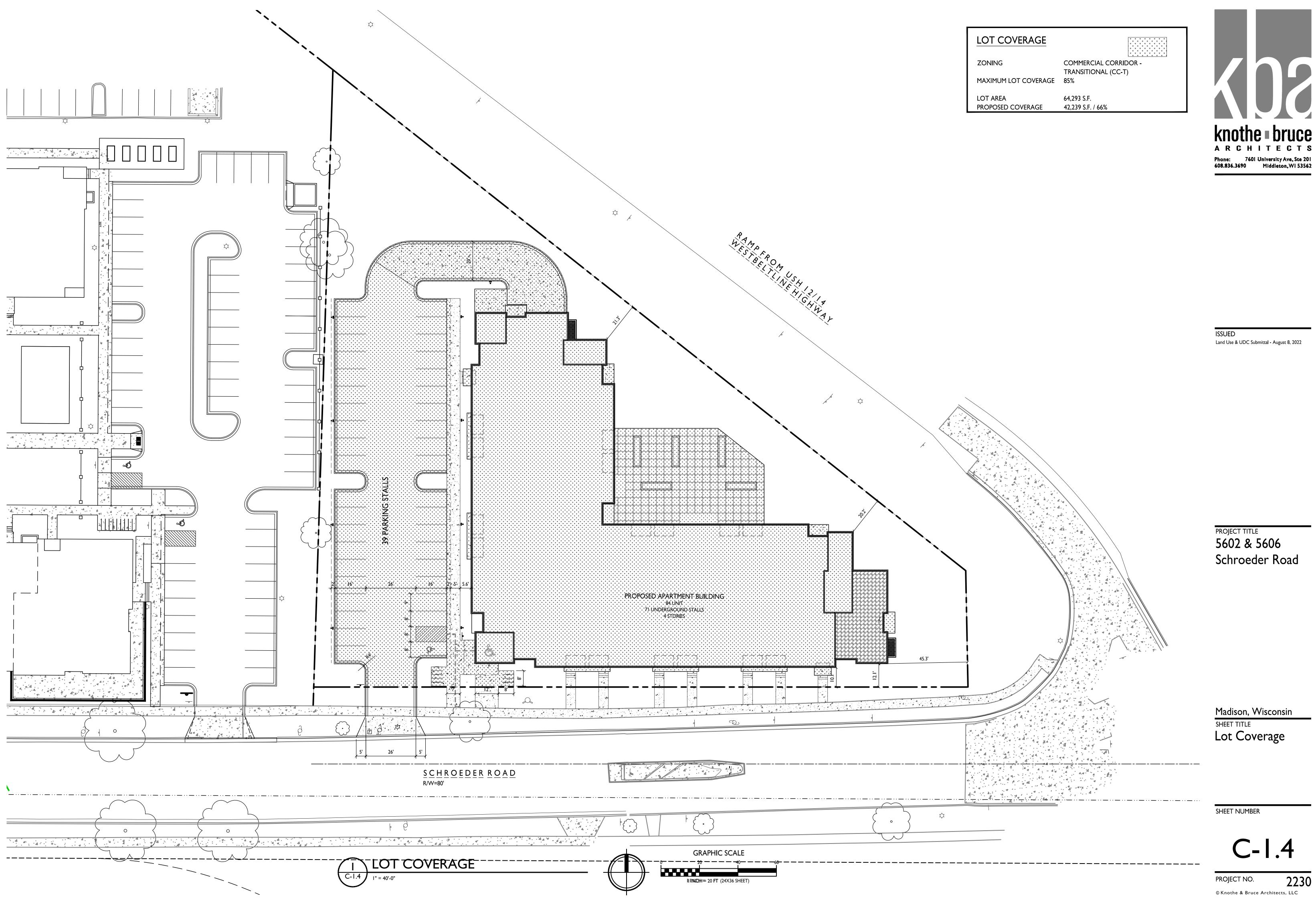
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SYMBOL LABEL QTY. MANUF.

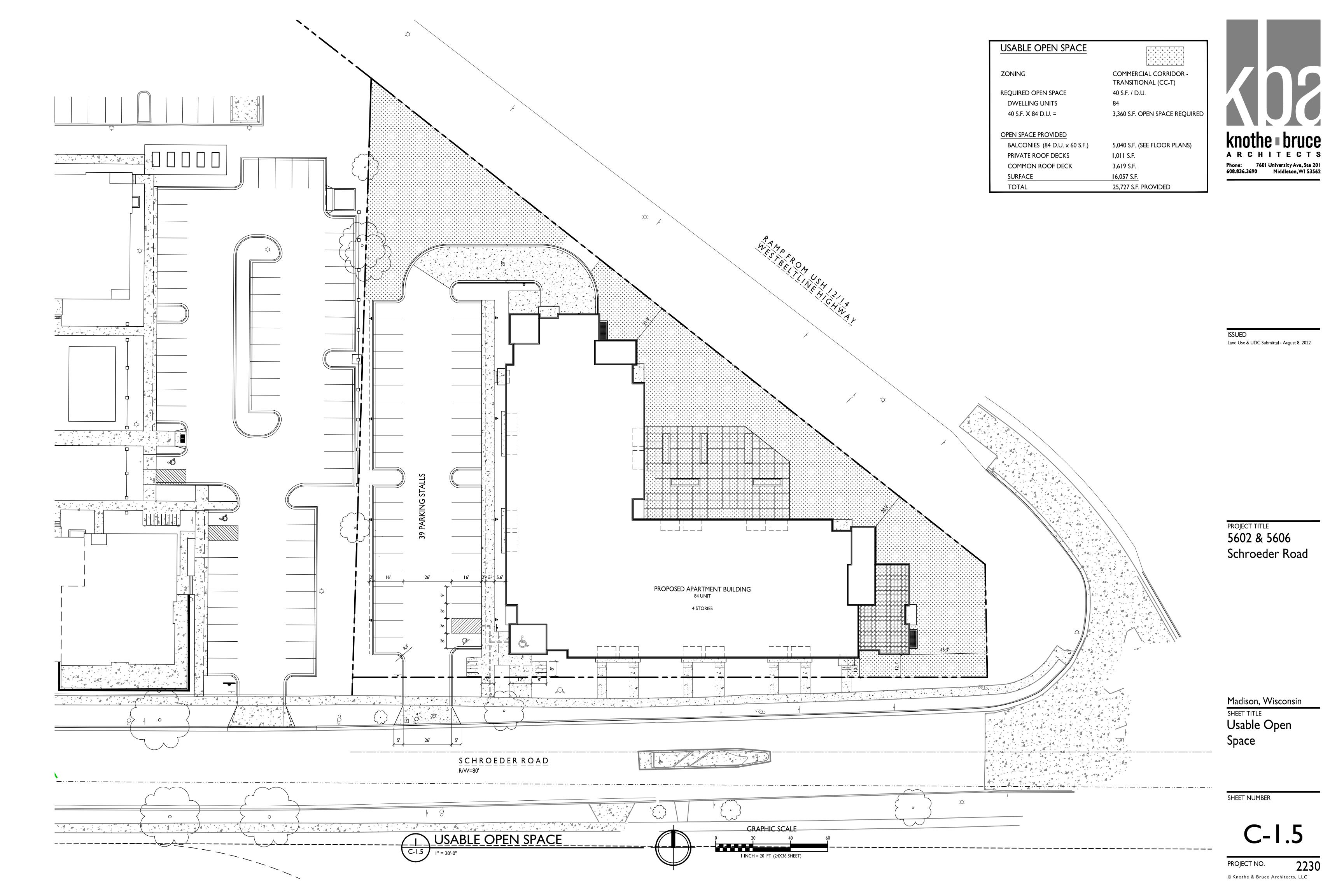


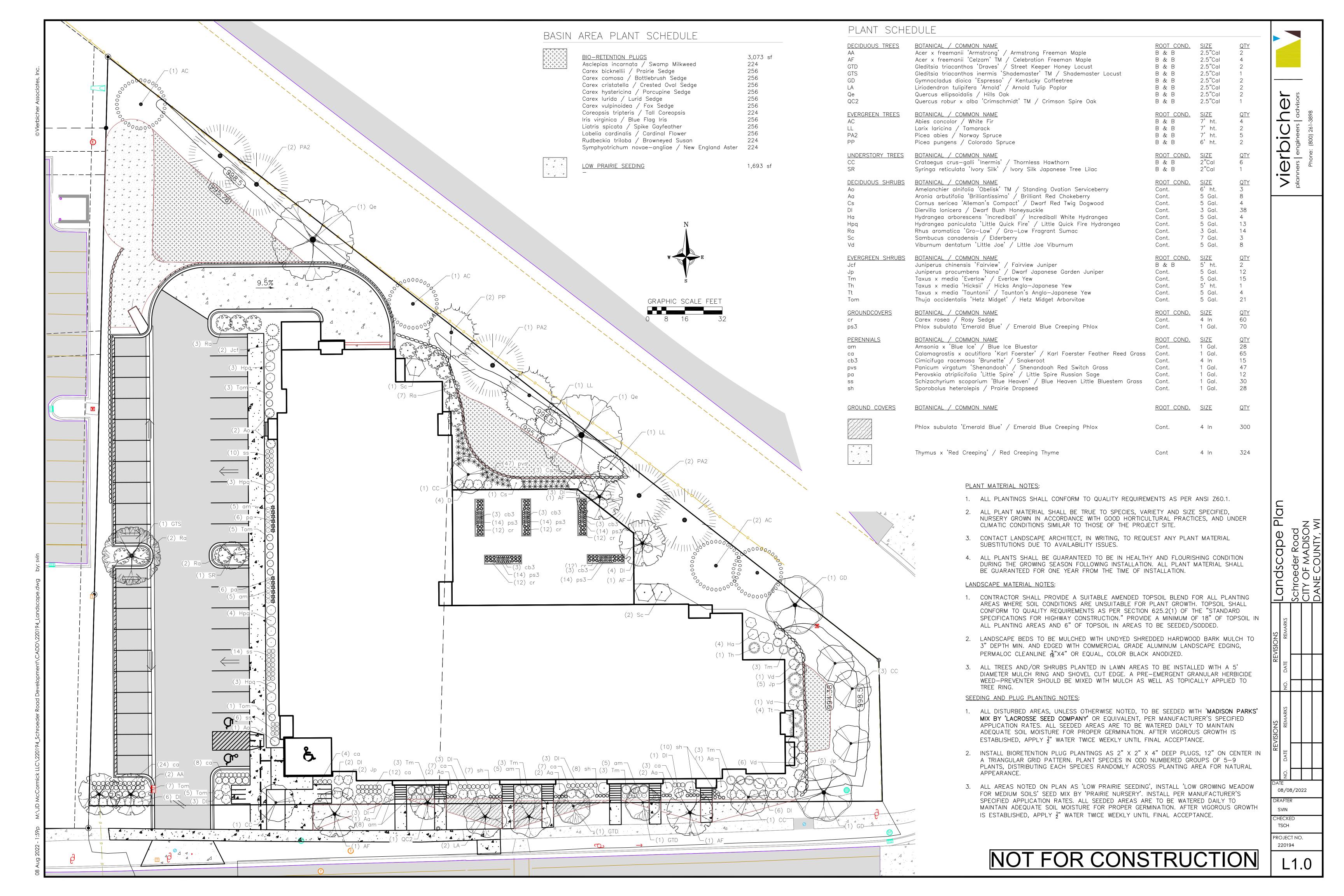


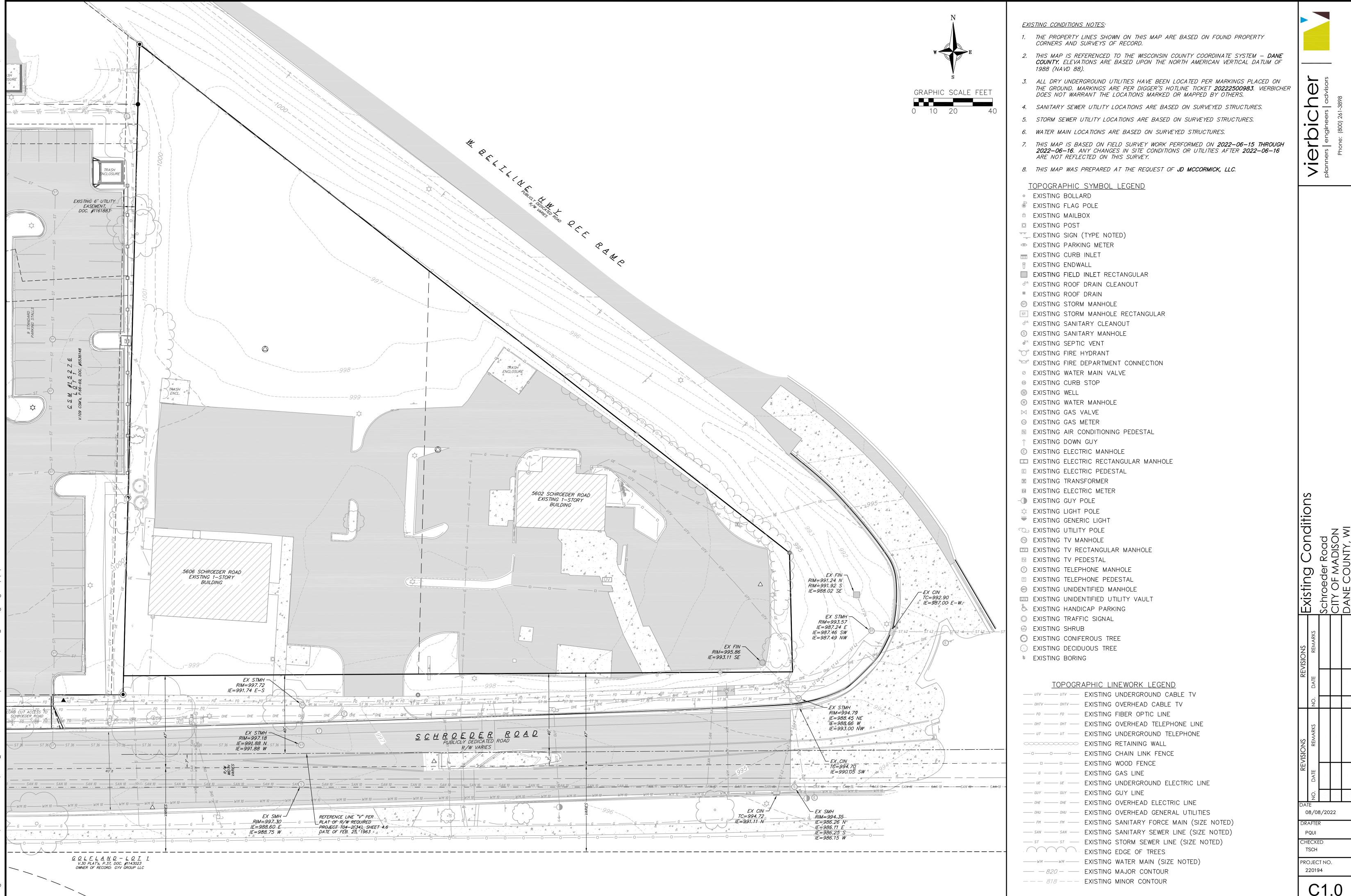


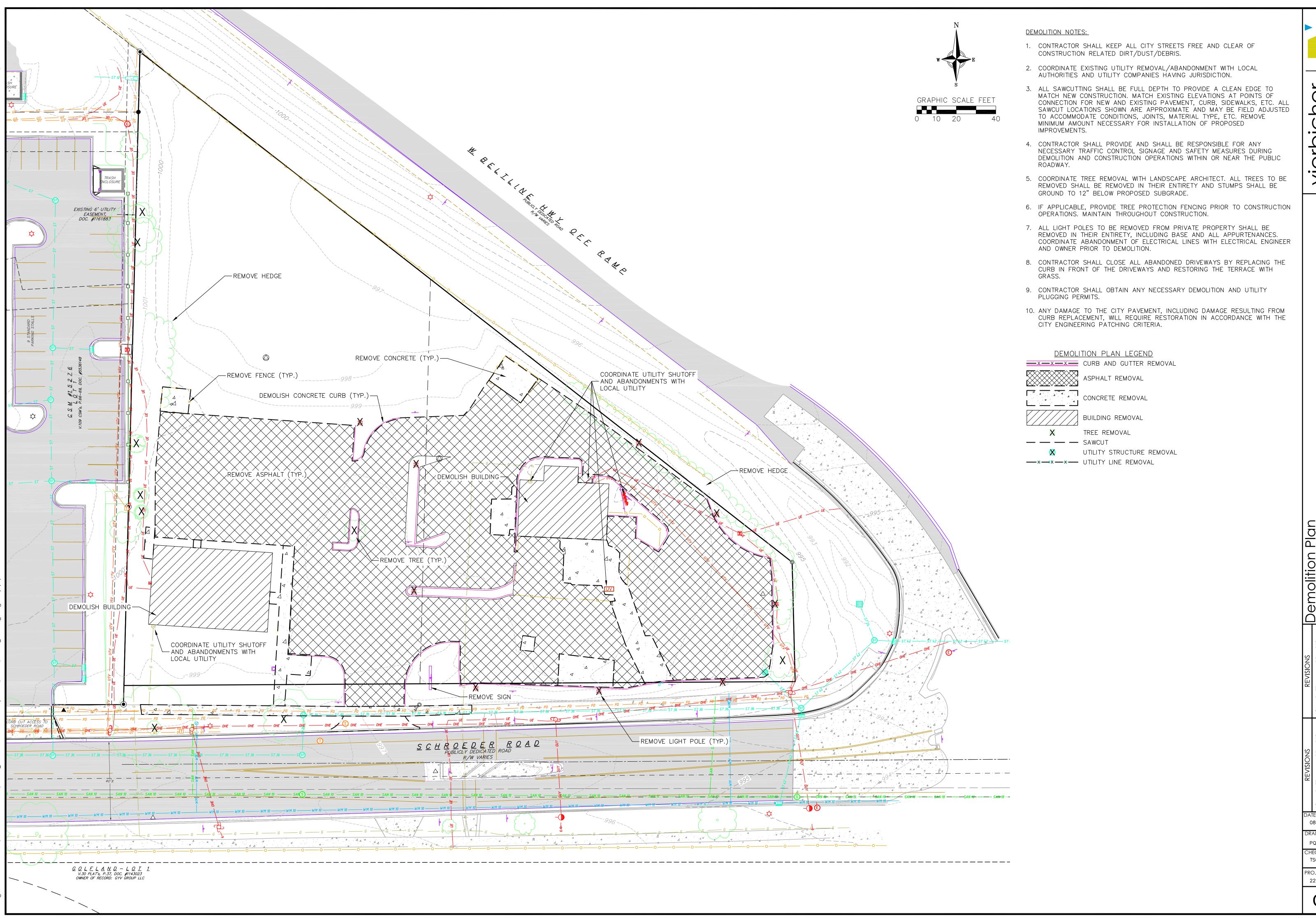


Land Use & UDC Submittal - August 8, 2022





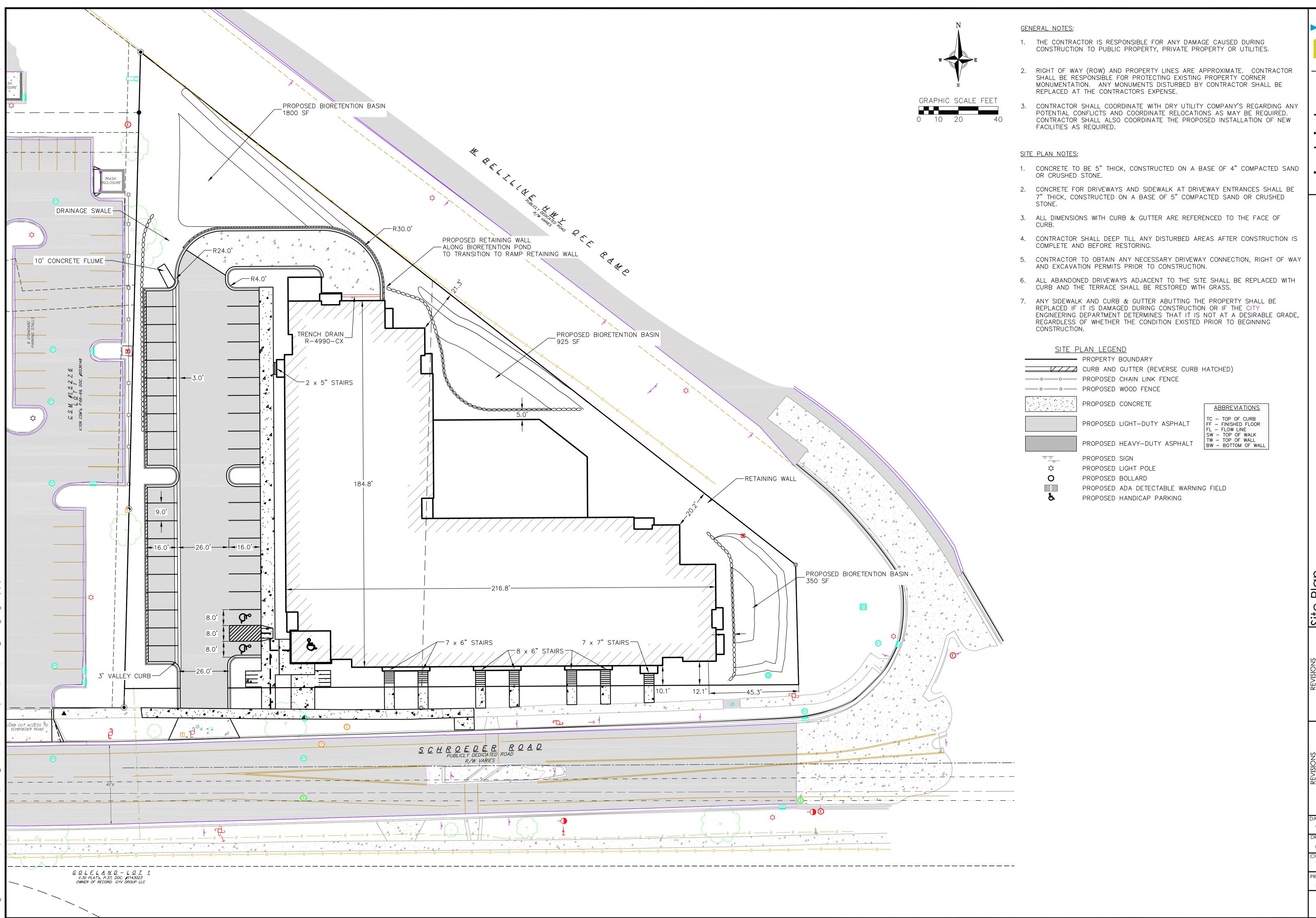




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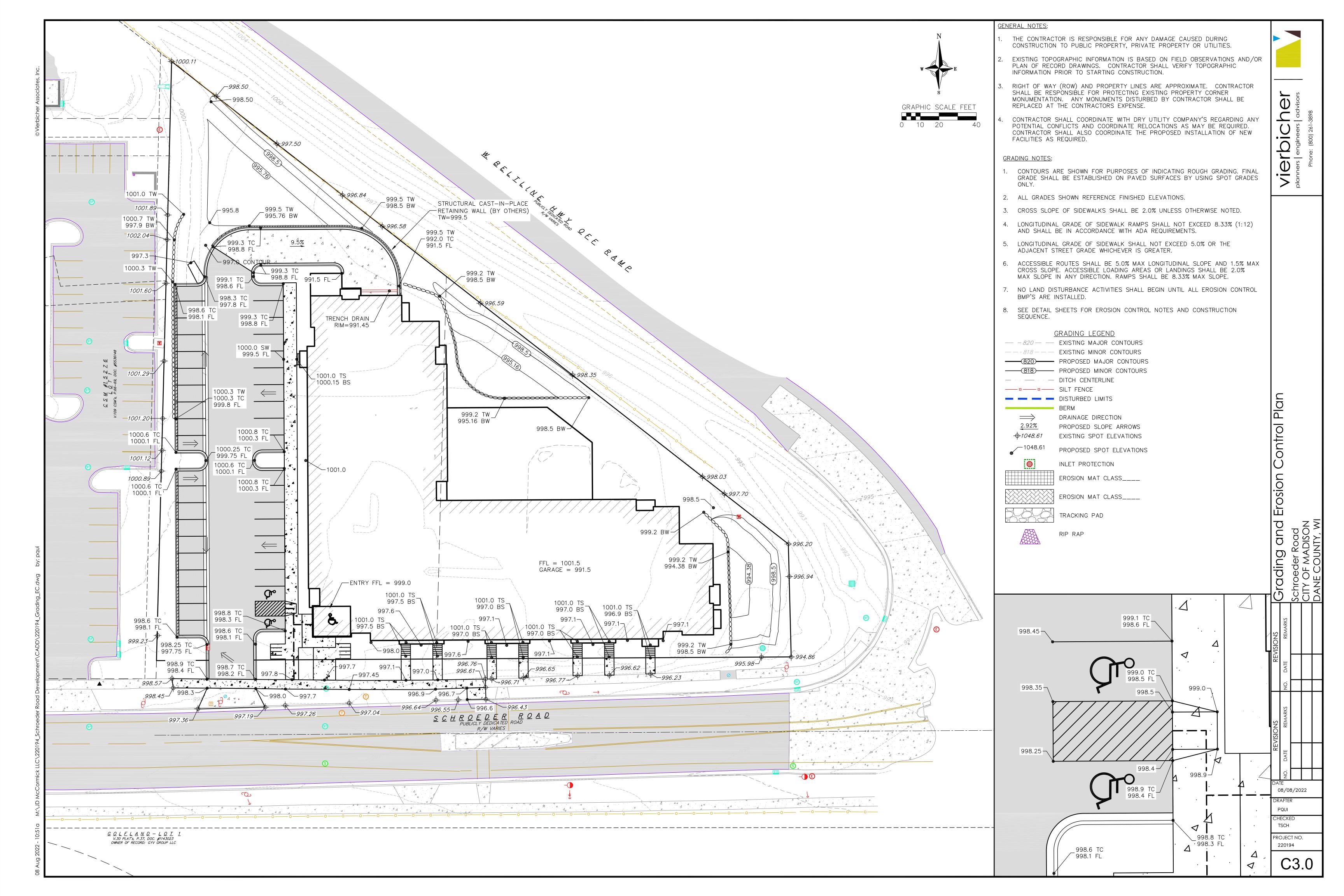
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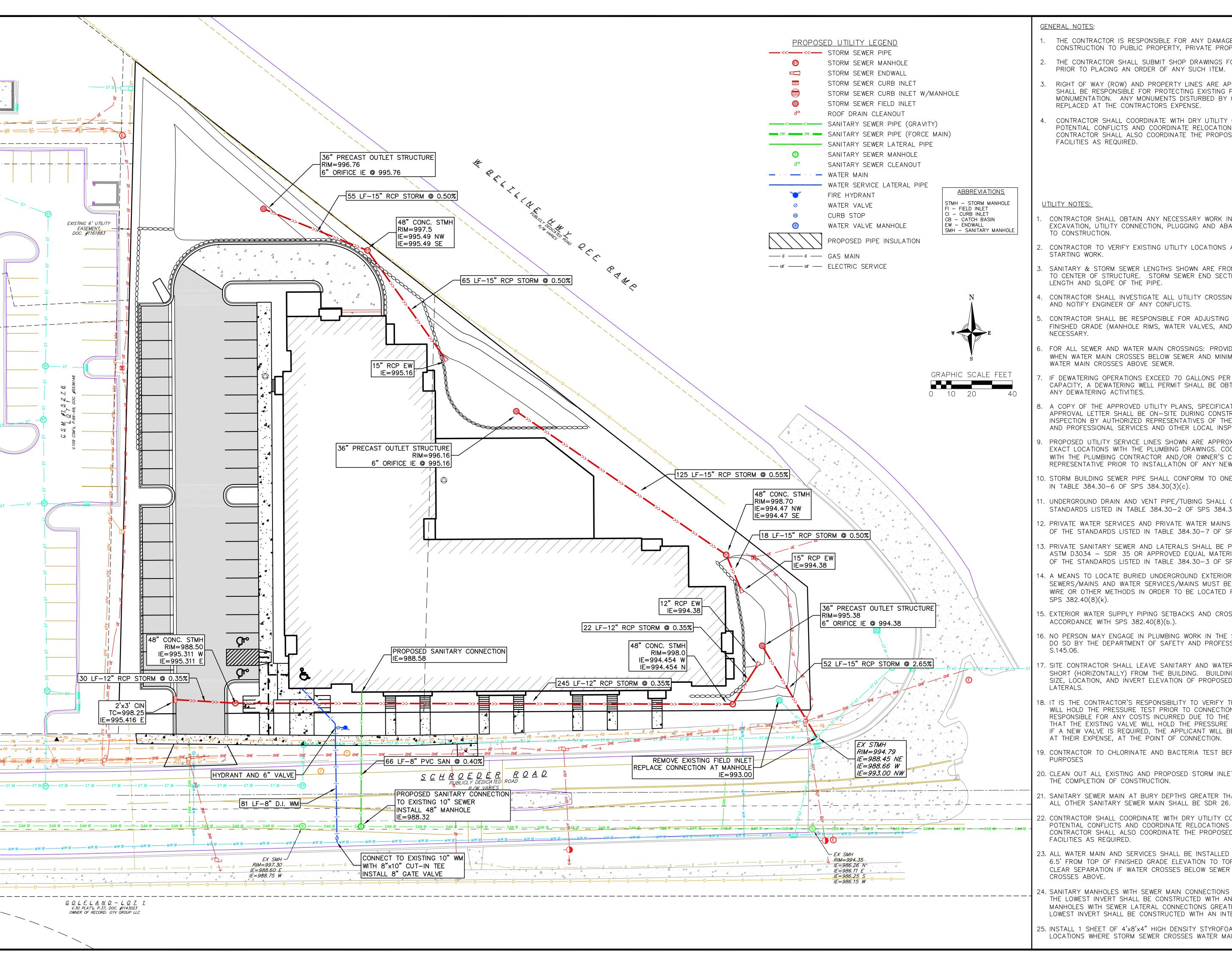
PROJECT NO.



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PROJECT NO.





- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED DURING CONSTRUCTION TO PUBLIC PROPERTY, PRIVATE PROPERTY OR UTILITIES.
- 2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW BY THE ENGINEER PRIOR TO PLACING AN ORDER OF ANY SUCH ITEM.
- 3. RIGHT OF WAY (ROW) AND PROPERTY LINES ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING PROPERTY CORNER MONUMENTATION. ANY MONUMENTS DISTURBED BY CONTRACTOR SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- CONTRACTOR SHALL COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED. CONTRACTOR SHALL ALSO COORDINATE THE PROPOSED INSTALLATION OF NEW FACILITIES AS REQUIRED.

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- CONTRACTOR SHALL OBTAIN ANY NECESSARY WORK IN RIGHT OF WAY, EXCAVATION, UTILITY CONNECTION, PLUGGING AND ABANDONMENT PERMITS PRIOR
- CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS AND ELEVATIONS PRIOR TO
- SANITARY & STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. STORM SEWER END SECTIONS ARE INCLUDED IN THE LENGTH AND SLOPE OF THE PIPE.
- 4. CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES TO FINISHED GRADE (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF
- 6. FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
- IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
- 8. A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
- PROPOSED UTILITY SERVICE LINES SHOWN ARE APPROXIMATE. COORDINATE THE EXACT LOCATIONS WITH THE PLUMBING DRAWINGS. COORDINATE THE LOCATION WITH THE PLUMBING CONTRACTOR AND/OR OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO INSTALLATION OF ANY NEW UTILITIES.
- 10. STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(c).
- 11. UNDERGROUND DRAIN AND VENT PIPE/TUBING SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-2 OF SPS 384.30(2).
- 12. PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(d).
- 13. PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(c).
- 14. A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(h) AND
- 15. EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN
- 16. NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER
- 17. SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER
- 18. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
- 19. CONTRACTOR TO CHLORINATE AND BACTERIA TEST BEFORE DOMESTIC SUPPLY
- 20. CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
- 21. SANITARY SEWER MAIN AT BURY DEPTHS GREATER THAN 15' SHALL BE SDR 21.
- 22. CONTRACTOR SHALL COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED. CONTRACTOR SHALL ALSO COORDINATE THE PROPOSED INSTALLATION OF NEW FACILITIES AS REQUIRED.
- 23. ALL WATER MAIN AND SERVICES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6.5' FROM TOP OF FINISHED GRADE ELEVATION TO TOP OF MAIN. PROVIDE 1.5' CLEAR SEPARATION IF WATER CROSSES BELOW SEWER AND MINIMUM 0.5' IF WATER
- 24. SANITARY MANHOLES WITH SEWER MAIN CONNECTIONS GREATER THAN 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN EXTERNAL DROP. MANHOLES WITH SEWER LATERAL CONNECTIONS GREATER THAT 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN INTERNAL DROP.
- 25. INSTALL 1 SHEET OF 4'x8'x4" HIGH DENSITY STYROFOAM INSULATION AT ALL LOCATIONS WHERE STORM SEWER CROSSES WATER MAIN OR WATER LATERALS.

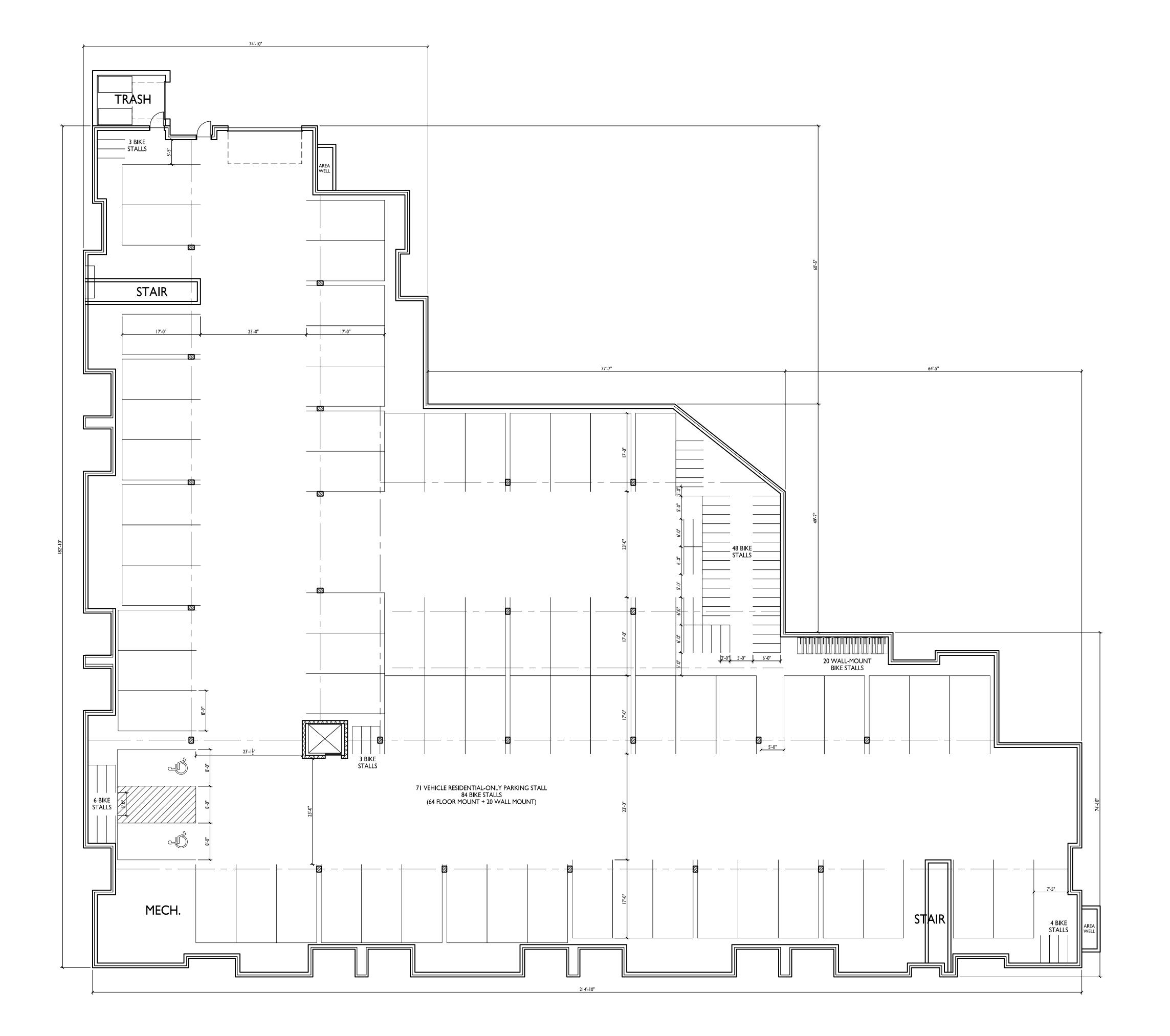
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PROJECT NO.

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Issued for UDC Info. Submittal - July 11, 2022 Land Use & UDC Submittal - August 8, 2022

5602 & 5606 Schroeder Road

Madison, Wisconsin
SHEET TITLE
Basement Floor

SHEET NUMBER

Plan

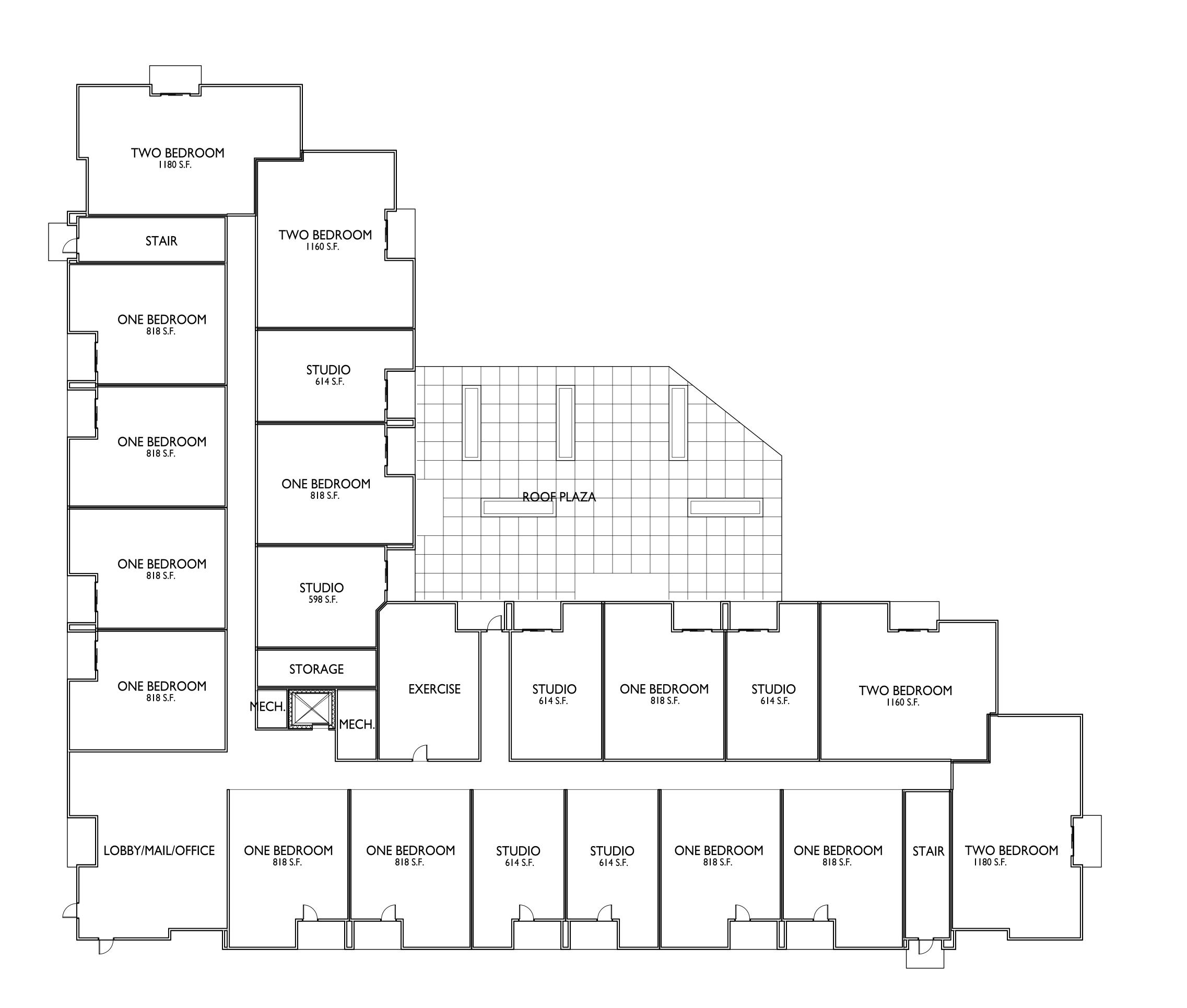
A-1.0

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PROJECT NO. 2230

BASEMENT FLOOR PLAN

3/32"" = 1'-0"





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PROJECT TITLE

5602 & 5606

Schroeder Road

Madison, Wisconsin

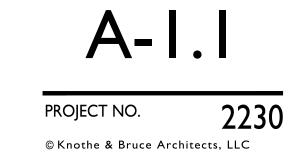
SHEET TITLE
First Floor Plan

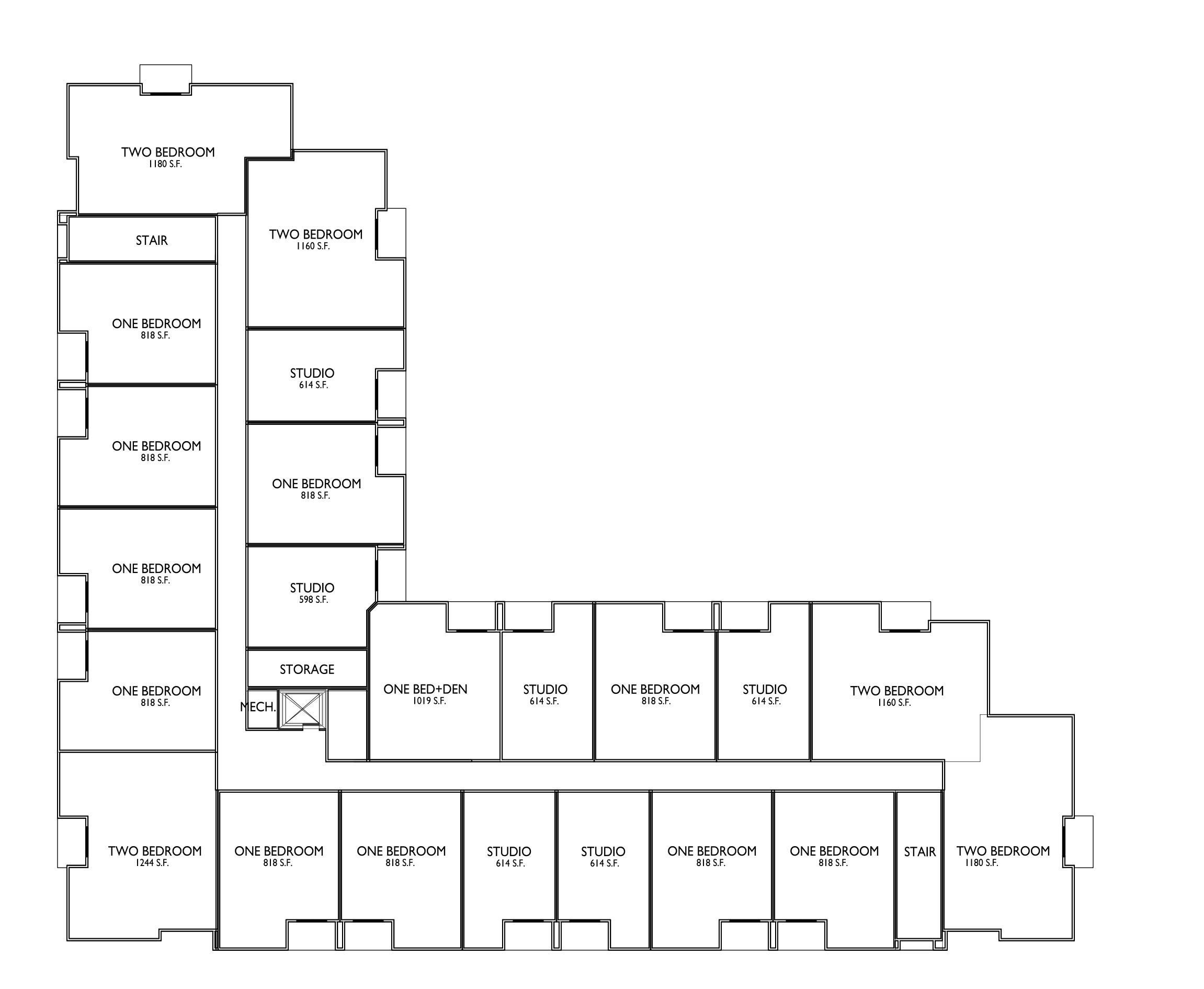
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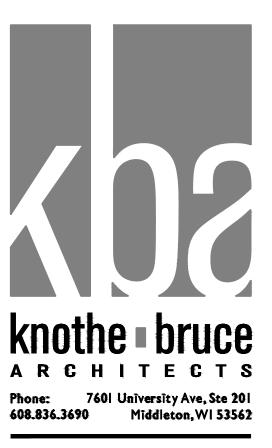


FIRST FLOOR PLAN

3/32" = 1'-0"







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PROJECT TITLE 5602 & 5606 Schroeder Road

Madison, Wisconsin

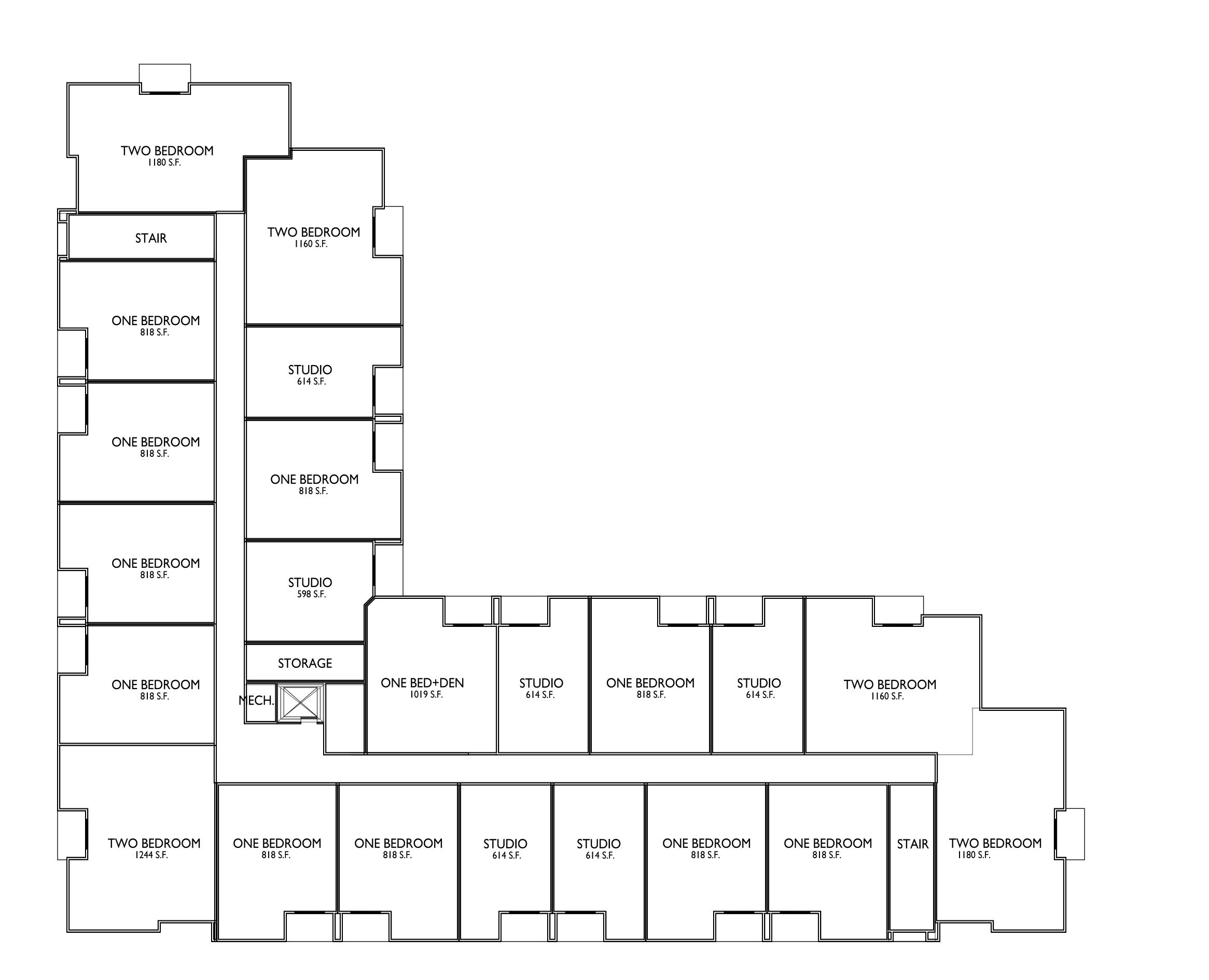
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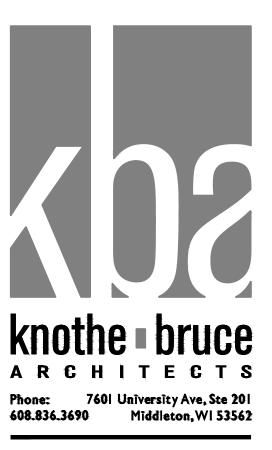
Second Floor Plan

SHEET NUMBER

A-1.2

PROJECT NO.





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PROJECT TITLE 5602 & 5606 Schroeder Road

Madison, Wisconsin

SHEET TITLE

Third Floor Plan

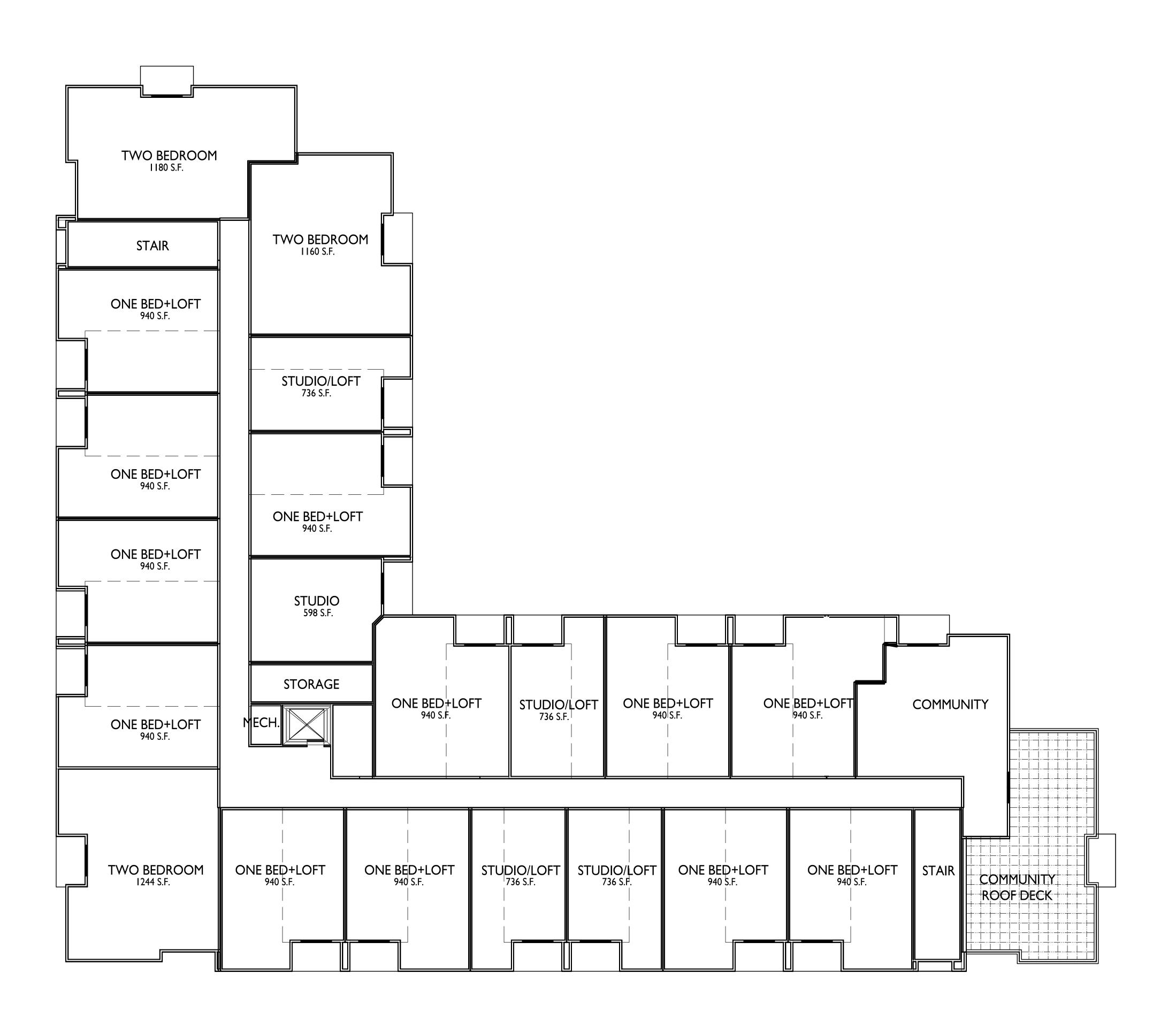
SHEET NUMBER

THIRD FLOOR PLAN

3/32" = 1'-0"

A-1.3

PROJECT NO.





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PROJECT TITLE 5602 & 5606 Schroeder Road

Madison, Wisconsin

Fourth Floor Plan

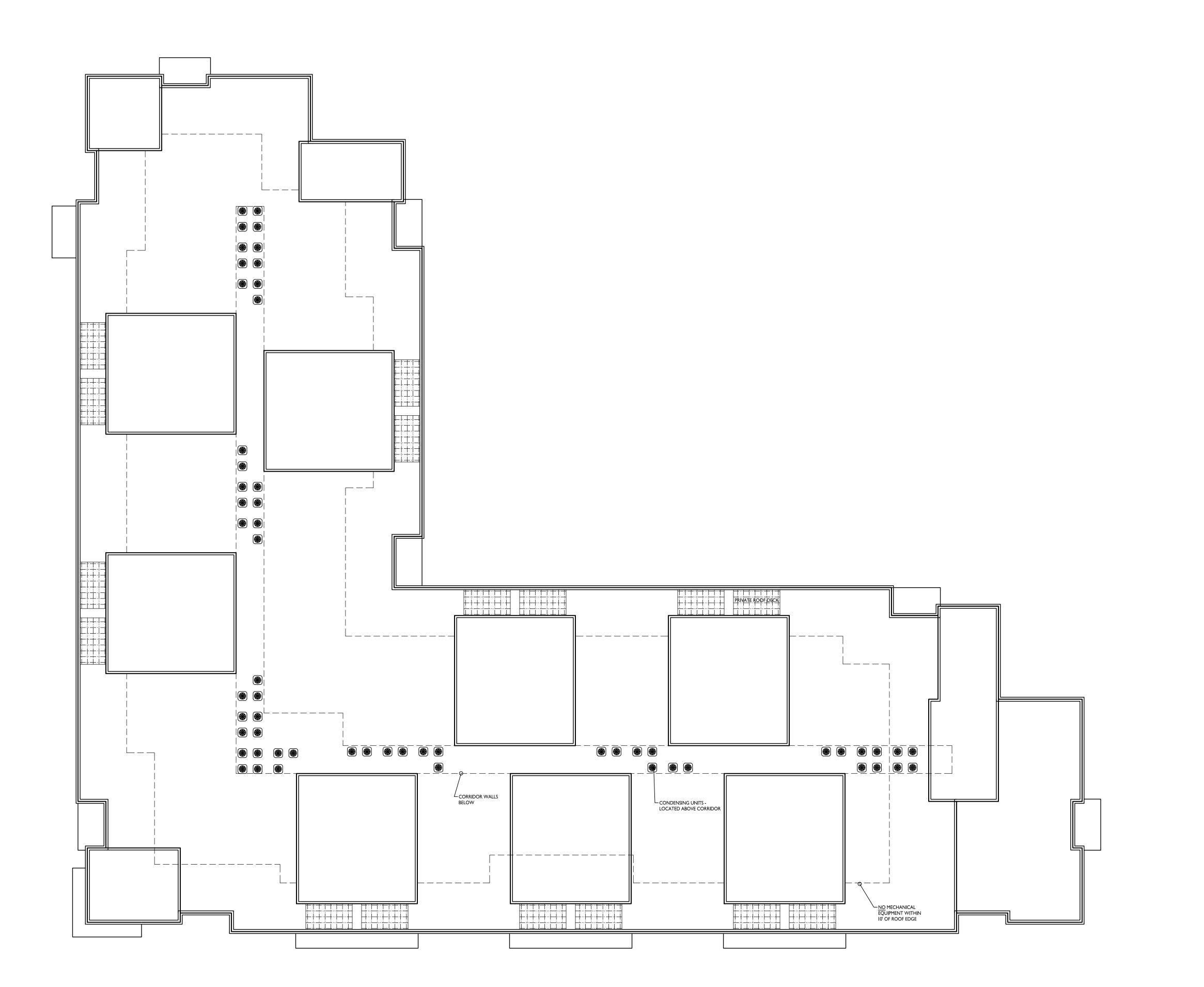
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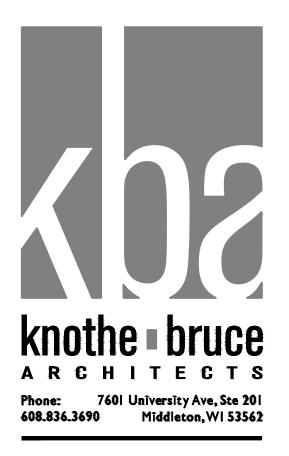
FOURTH FLOOR PLAN

3/32" = 1'-0"



PROJECT NO.





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PROJECT TITLE
5602 & 5606
Schroeder Road

Madison, Wisconsin

sheet title Roof Plan

SHEET NUMBER

A-1.5

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ROOF PLAN

| A-1.4 | 3/32" = 1'-0"



EXTERIOR MATERIAL SCHEDULE BUILDING ELEMENT MANUFACTURER COLOR BUILDING ELEMENT MANUFACTURER COLOR BLACK (#1) - COMPOSITE LAP SIDING 6" - 4" - 6" JAMES HARDIE CHARCOAL (#6) - COMPOSITE WINDOWS ANDERSEN 100 (#2) - METAL PANEL CMG CHARCOAL BLACK (#7) - ALUM. STOREFRONT (#3) - VERTICAL FLAT LOCK PANEL SILVER CMG CANOPY & BAY SOFFITS JAMES HARDIE MATCH ADJ. SIDING JAMES HARDIE MATCH ADJ. SIDING TREATED-EXPOSED DECK BEAMS **BROWN TREATED** COMPOSITE TRIM —1/8" = 1 '--0"— ACME BRICK BURGUNDY (#8) - RAILING & HANDRAILS SUPERIOR BLACK (#4) - BRICK VENEER 0' 1/2" 1" (#5) - CAST STONE BANDS & HEADERS ROCKCAST CHARLOTTE TAN



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PROJECT TITLE

5602 & 5606

Schroeder Road

Madison, Wisconsin

EXTERIOR ELEVATIONS

SHEET NUMBER

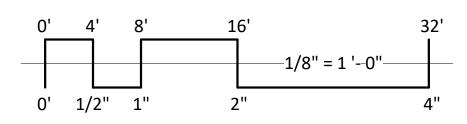
A201

PROJECT NUMBER 2230





2 ELEVATION - EAST A202 1/8" = 1'-0"



EXTERIOR MATERIAL SCHEDULE					
BUILDING ELEMENT	MANUFACTURER	COLOR	BUILDING ELEMENT	MANUFACTURER	COLOR
(#1) - COMPOSITE LAP SIDING 6" - 4" - 6"	JAMES HARDIE	CHARCOAL	(#6) - COMPOSITE WINDOWS	ANDERSEN 100	BLACK
(#2) - METAL PANEL	CMG	CHARCOAL	(#7) - ALUM. STOREFRONT	N/A	BLACK
(#3) - VERTICAL FLAT LOCK PANEL	CMG	SILVER	CANOPY & BAY SOFFITS	JAMES HARDIE	MATCH ADJ. SIDING
COMPOSITE TRIM	JAMES HARDIE	MATCH ADJ. SIDING	TREATED-EXPOSED DECK BEAMS	N/A	BROWN TREATED
(#4) - BRICK VENEER	ACME BRICK	BURGUNDY	(#8) - RAILING & HANDRAILS	SUPERIOR	BLACK
(#5) - CAST STONE BANDS & HEADERS	ROCKCAST	CHARLOTTE TAN			

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PROJECT TITLE
5602 & 5606
Schroeder Road

Middleton, WI 53562

Madison, Wisconsin
SHEET TITLE

EXTERIOR ELEVATIONS

SHEET NUMBER

A202

PROJECT NUMBER 2230
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PROJECT TITLE

5602 & 5606 Schroeder Road

Madison, Wisconsin SHEET TITLE **EXTERIOR ELEVATIONS**

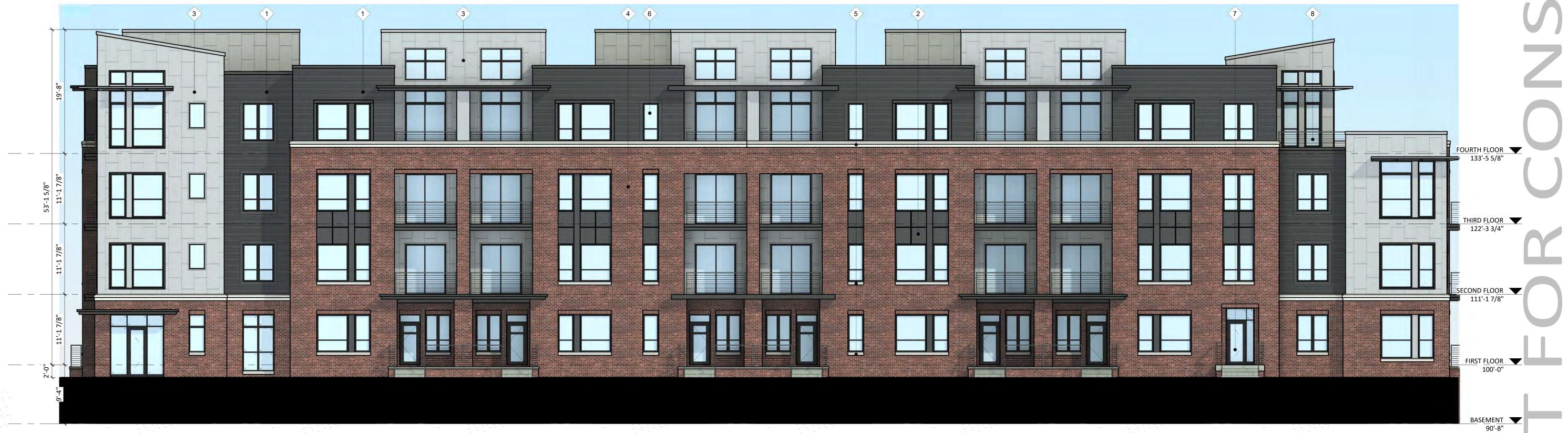
COLORED

SHEET NUMBER

PROJECT NUMBER 2230

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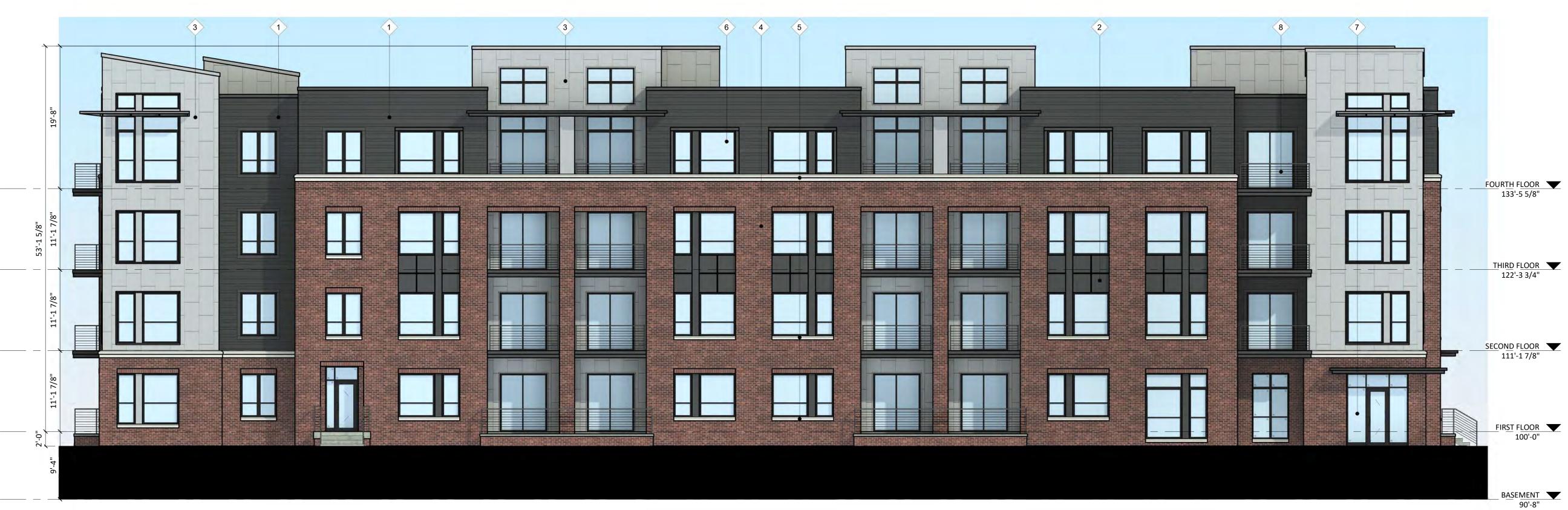
1 COLORED ELEVATION - NORTH 1/8" = 1'-0"



2 COLORED ELEVATION - SOUTH

0' 1/2" 1" 2" 2"

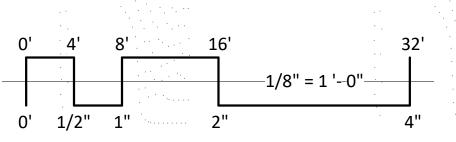
		EXTERIOR MATE	RIAL SCHEDULE	eri. ^M Martin	
BUILDING ELEMENT	MANUFACTURER	COLOR	BUILDING ELEMENT	MANUFACTURER	COLOR
(#1) - COMPOSITE LAP SIDING 6" - 4" - 6"	JAMES HARDIE	CHARCOAL	(#6) - COMPOSITE WINDOWS	ANDERSEN 100	BLACK
(#2) - METAL PANEL	CMG	CHARCOAL	(#7) - ALUM. STOREFRONT	N/A	BLACK
(#3) - VERTICAL FLAT LOCK PANEL	CMG	SILVER	CANOPY & BAY SOFFITS	JAMES HARDIE	MATCH ADJ. SIDING
COMPOSITE TRIM	JAMES HARDIE	MATCH ADJ. SIDING	TREATED-EXPOSED DECK BEAMS	N/A	BROWN TREATED
(#4) - BRICK VENEER	ACME BRICK	BURGUNDY	(#8) - RAILING & HANDRAILS	SUPERIOR	BLACK
(#5) - CAST STONE BANDS & HEADERS	ROCKCAST	CHARLOTTE TAN	The state of the s		· · · · · · · · · · · · · · · · · · ·



1 COLORED ELEVATION - WEST
A204 1/8" = 1'-0"



2 COLORED ELEVATION - EAST 1/8" = 1'-0"



		EXTERIOR MATE	RIAL SCHEDULE		
BUILDING ELEMENT	MANUFACTURER	COLOR	BUILDING ELEMENT	MANUFACTURER	COLOR
(#1) - COMPOSITE LAP SIDING 6" - 4" - 6"	JAMES HARDIE	CHARCOAL	(#6) - COMPOSITE WINDOWS	ANDERSEN 100	BLACK
(#2) - METAL PANEL	CMG	CHARCOAL	(#7) - ALUM. STOREFRONT	N/A	BLACK
(#3) - VERTICAL FLAT LOCK PANEL	CMG	SILVER	CANOPY & BAY SOFFITS	JAMES HARDIE	MATCH ADJ. SIDING
COMPOSITE TRIM	JAMES HARDIE	MATCH ADJ. SIDING	TREATED-EXPOSED DECK BEAMS	N/A	BROWN TREATED
(#4) - BRICK VENEER	ACME BRICK	BURGUNDY	(#8) - RAILING & HANDRAILS	SUPERIOR	BLACK
(#5) - CAST STONE BANDS & HEADERS	ROCKCAST	CHARLOTTE TAN	Sec.		·

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608.836.3690

Middleton, WI 53562

PROJECT TITLE
5602 & 5606
Schroeder Road

Madison, Wisconsin
SHEET TITLE
EXTERIOR

ELEVATIONS COLORED

SHEET NUMBER

A204
PROJECT NUMBER 2230























City of Madison Fire Department

314 W Dayton Street, Madison, WI 53703-2506

Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com

Project Address: 56	02 & 5606 Schroeder Road	
Contact Name & Pho	ne #: Kevin Burow, Knothe & Bruce Architects, 608-836-3690	

FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSHEET

1. Is the building completely protected by an NFPA 13 or 13R automatic fire sprinkler system? If non-sprinklered, fire lanes extend to within 150-feet of all portions of the exterior wall? If sprinklered, fire lanes are within 250-feet of all portions of the exterior wall?	X Yes Yes Yes	No No No	N/A N/A N/A
 2. Is the fire lane constructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs? a) Is the fire lane a minimum unobstructed width of at least 20-feet? b) Is the fire lane unobstructed with a vertical clearance of at least 13½-feet? c) Is the minimum inside turning radius of the fire lane at least 28-feet? d) Is the grade of the fire lane not more than a slope of 8%? e) Is the fire lane posted as fire lane? (Provide detail of signage.) f) Is a roll-able curb used as part of the fire lane? (Provide detail of curb.) g) Is part of a sidewalk used as part of the required fire lane? (Must support +85,000 lbs.) 	X Yes X Yes X Yes X Yes X Yes X Yes Yes Yes Yes Yes	☐ No	 N/A N/A N/A N/A N/A N/A N/A N/A N/A
3. Is the fire lane obstructed by security gates or barricades? If yes: a) Is the gate a minimum of 20-feet clear opening? b) Is an approved means of emergency operations installed, key vault, padlock or key switch?	Yes Yes Yes	No No No	N/A N/A N/A N/A
4. Is the Fire lane dead-ended with a length greater than 150-feet? If yes, does the area for turning around fire apparatus comply with IFC D103?	Yes Yes	X No No	N/A N/A
5. Is any portion of the building to be used for high-piled storage in accordance with IFC Chapter 3206.6 If yes, see IFC 3206.6 for further requirements.	Yes	X No	□ N/A
6. Is any part of the building greater than 30-feet above the grade plane?	X Yes	☐ No	□ N/A
If yes, answer the following questions: a) Is the aerial apparatus fire lane parallel to one entire side of the building and covering at least 25% of the perimeter? b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building? c) Are there any overhead power or utility lines located across the aerial apparatus fire lane? d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature	X Yes X Yes Yes Yes Yes	No No No No No No	 N/A N/A N/A N/A 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? b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building? c) Are there any overhead power or utility lines located across the aerial apparatus fire lane?	X Yes X Yes Yes	□ No □ No □ No	□ N/A □ N/A □ 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? b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building? c) Are there any overhead power or utility lines located across the aerial apparatus fire lane? d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species) e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet? f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights? 7. Are all portions of the required fire lanes within 500-feet of at least (2) hydrants?	X Yes X Yes Yes Yes Yes Yes	 No No No No No No 	 N/A N/A N/A N/A 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? b) Is the near edge of the aerial apparatus fire lane between 15' and 30' from the building? c) Are there any overhead power or utility lines located across the aerial apparatus fire lane? d) Are there any tree canopies expected to grow across the aerial fire lane? (Based on mature canopy width of tree species) e) Does the aerial apparatus fire lane have a minimum unobstructed width of 26-feet? f) Is the space between the aerial lane and the building free of trees exceeding 20' in heights?	X Yes X Yes Yes Yes Yes Yes Yes Yes	☐ No ☐ No ☑ No ☑ No ☑ No ☑ No ☐ No ☑ No	 N/A N/A N/A N/A N/A N/A N/A

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.