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THE CONSERVANCY

S. MOORLAND RD. AND W. GREENFIELD AVE.
 NEW BERLIN, WISCONSIN

OWNER:
 THE CONSERVANCY, LLC
 5300 S. 108TH STREET, SUITE 1
 HALES CORNERS, WI 53130

ENGINEER:
 CJ ENGINEERING, LLC
 CHRIS JACKSON, PE
 W238 N1610 BUSSE RD.
 SUITE 100
 WAUKESHA, WI 53188
 EMAIL: CHRISTOPHER.JACKSON@JSDINC.COM
 PHONE: (262) 513-0666



CJE NO.: CJE2434R6
 AUGUST 23, 2024
 REV: 01/08/25
 REV: 03/21/25
 REV: 06/06/25

ORIGINAL PLANS PREPARED BY

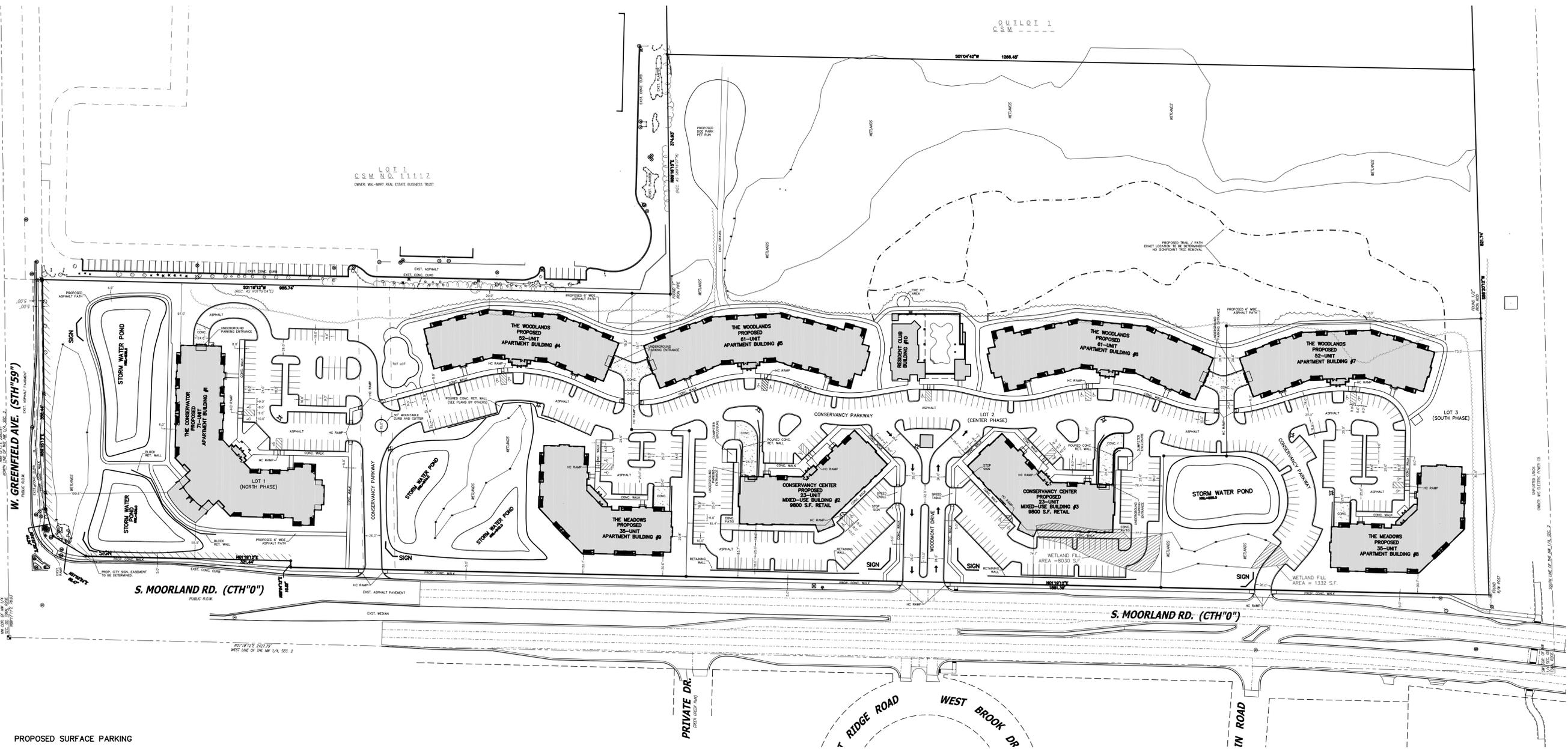
LEGAL DESCRIPTION:

A REDIVISION OF LOTS 1, 2 AND 3 OF CSM _____ LOCATED IN THE NORTHWEST 1/4 AND SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 2, TOWN 6 NORTH, RANGE 20 EAST, IN THE CITY OF NEW BERLIN, WAUKESHA COUNTY, STATE OF WISCONSIN, CONTAINING: 1,470,632 SQUARE FEET OR 33.761 ACRES

NOTES:

1. ALL BEARINGS ARE REFERENCED TO THE WEST LINE OF THE NORTHWEST 1/4 OF SECTION 02-06-20 AS N 01°19'12" E, WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH-ZONE (NAD83/2011).
2. ELEVATIONS ARE AT NAVD 1988.

DATE: _____

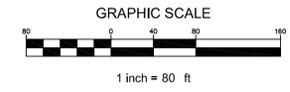


THE CONSERVANCY
 S MOORLAND RD. AND W GREENFIELD AVE. NEW BERLIN, WISCONSIN

PROPOSED SURFACE PARKING
 501 REGULAR CUSTOMER SPACES
 22 HANDICAPPED SPACES (ADA COMPLIANT VAN ACCESSIBLE SPACES)
 523 TOTAL SPACES

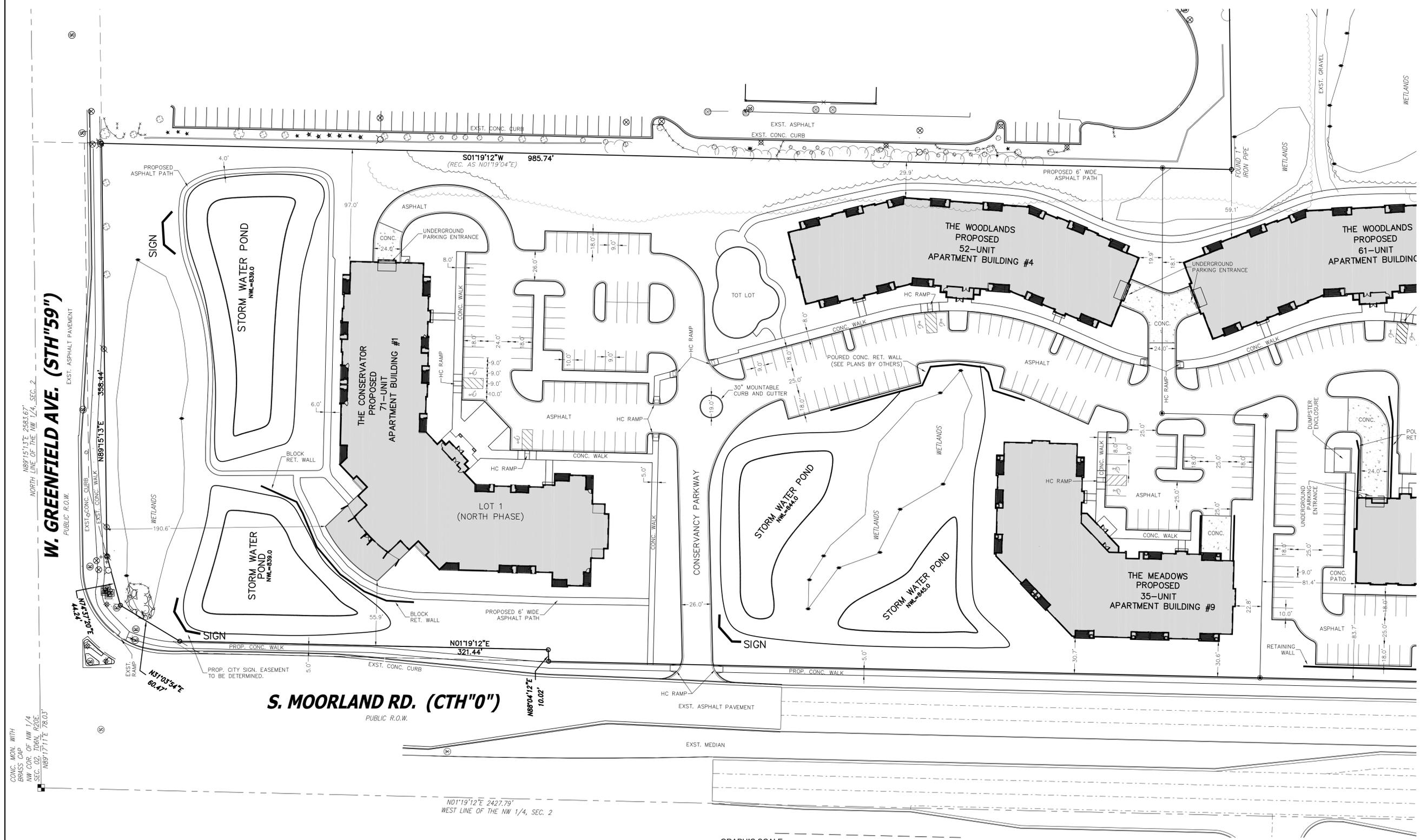
	North Phase		Center Phase		South Phase		TOTAL	
	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%	Sq. Ft.	%
Building Coverage	76,451	18%	97,366	11%	43,278	23%	217,095	15%
Sidewalk & Parking	91,358	22%	155,356	18%	50,727	26%	297,441	20%
Green Space Total	253,402	60%	604,852	71%	97,842	51%	956,096	65%
Unrestricted	230,083	55%	471,307	55%	91,401	48%	792,791	54%
Wetlands	23,319	6%	133,545	16%	6,441	3%	163,305	11%
Total Site	421,211	100%	857,574	100%	191,847	100%	1,470,632	100%
Acres	9.670		19.687		4.404		33.761	
Open Space(1)	344,760	82%	760,208	89%	148,569	77%	1,253,537	85%
Acres	7.915		17.452		3.411		28.777	
Floor Area								
Floor Area Ratio								

(1) Sidewalk, Parking, and Green Space



CJE NO.: 2434R6
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SITE PLAN C1.0

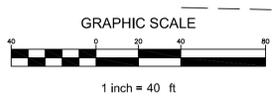


W. GREENFIELD AVE. (STH"59")
 PUBLIC R.O.W.
 EXST. ASPHALT PAVEMENT

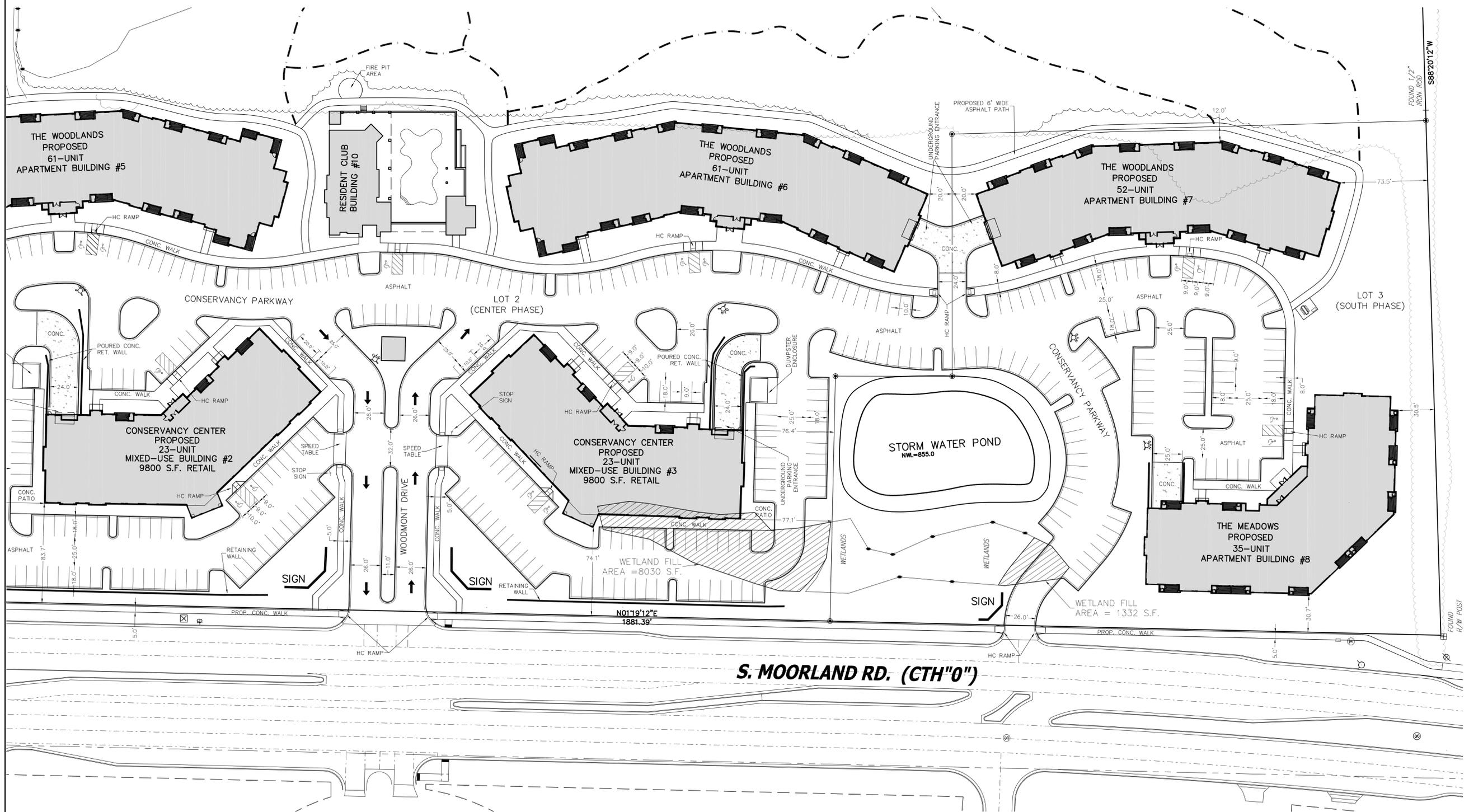
S. MOORLAND RD. (CTH"0")
 PUBLIC R.O.W.

THE CONSERVANCY
 S MOORLAND RD. AND W GREENFIELD AVE. NEW BERLIN, WISCONSIN

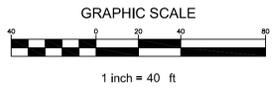
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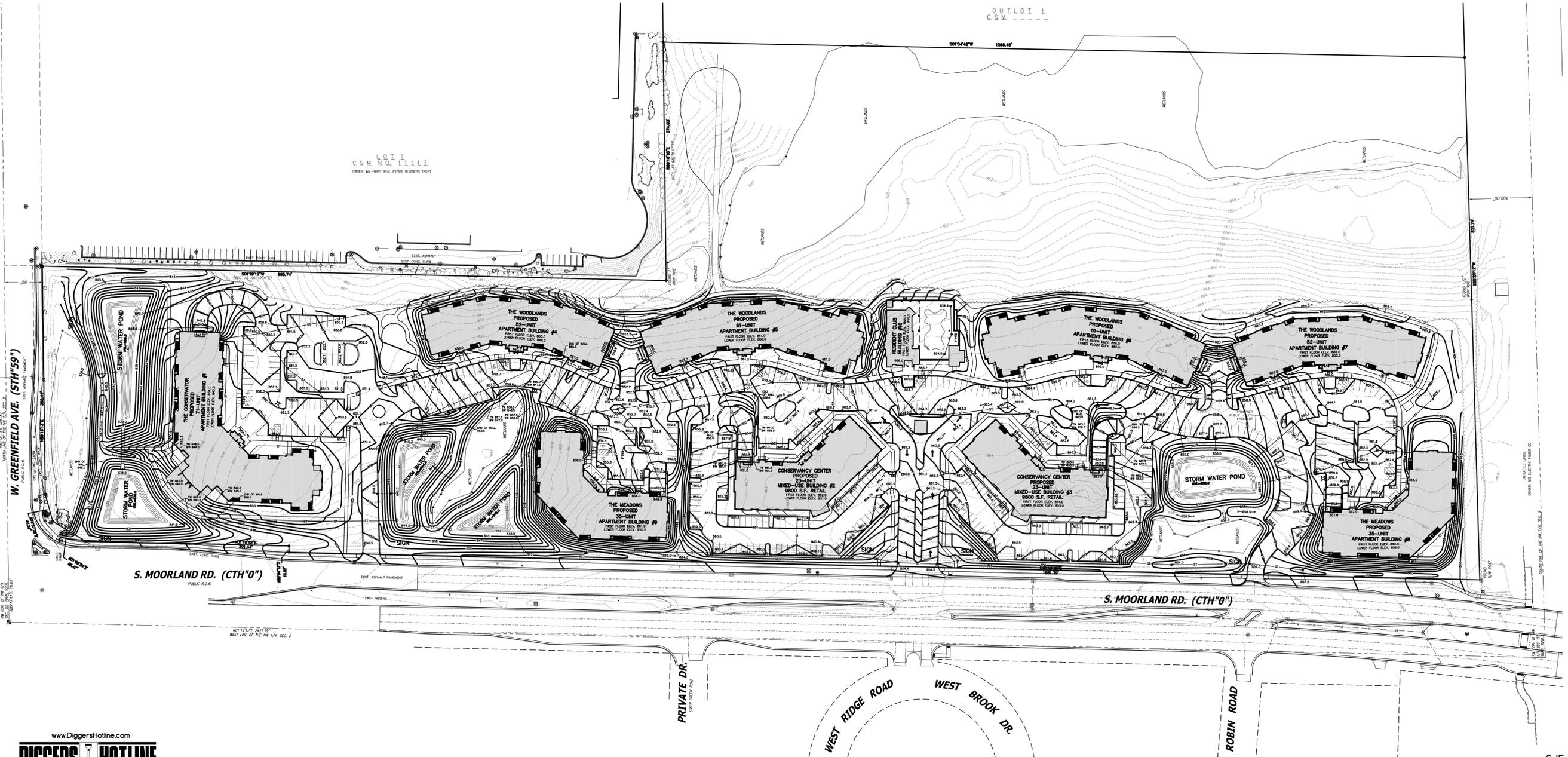
SITE PLAN C1.1



THE CONSERVANCY
 S MOORLAND RD. AND W GREENFIELD AVE. NEW BERLIN, WISCONSIN



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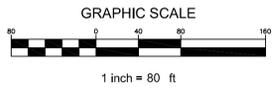


THE CONSERVANCY
 S MOORLAND RD. AND W GREENFIELD AVE. NEW BERLIN, WISCONSIN

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DIGGERS HOTLINE
 DIAL **811** OR (800) 242-8511

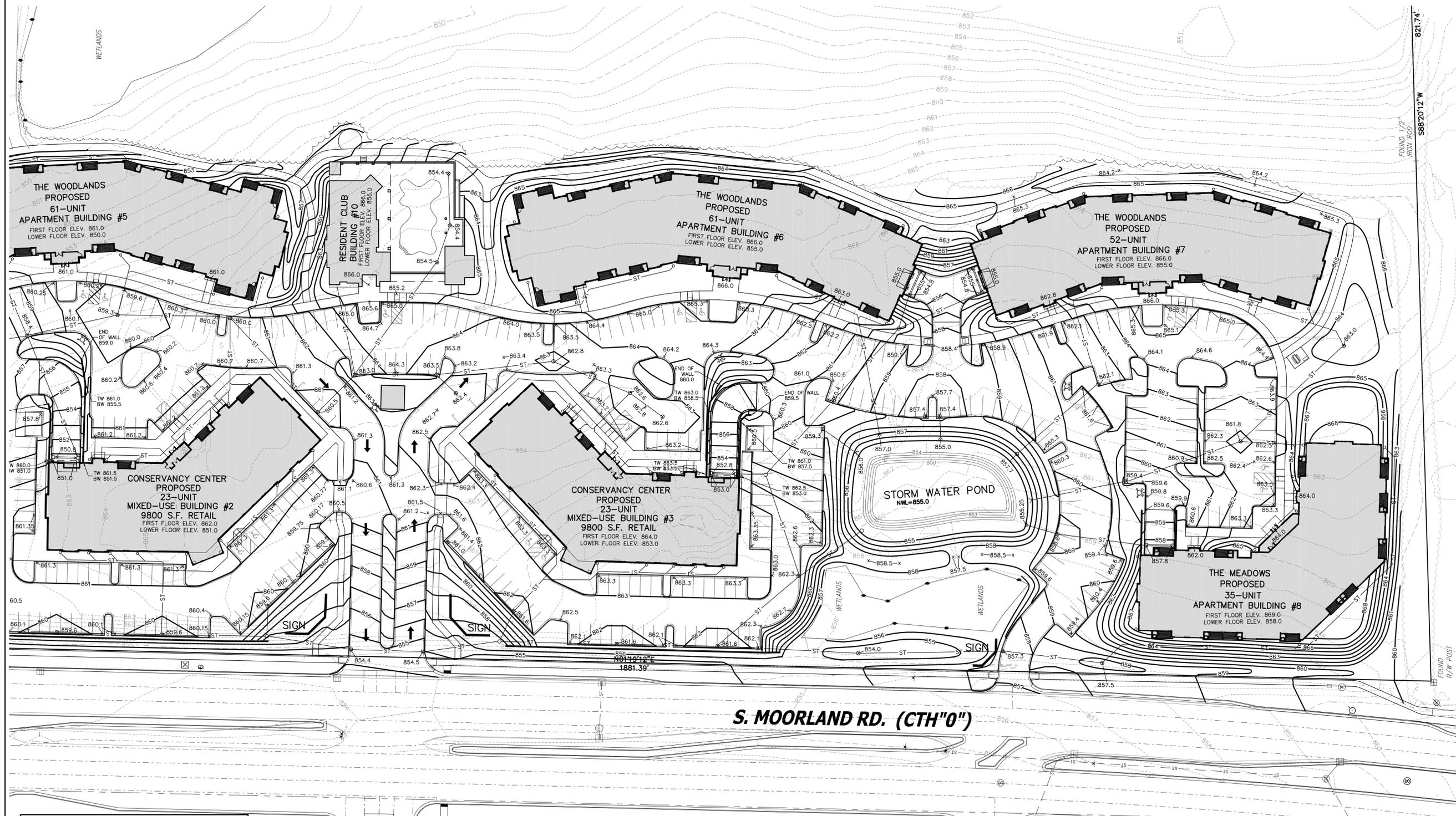
LEGEND	
860	EXISTING CONTOUR
855	PROPOSED CONTOUR
X-856.5	PROPOSED GRADE
ST	EXISTING STORM SEWER
ST	PROPOSED STORM SEWER

- NOTES:**
- EXISTING CONDITIONS BASED ON SURVEY BY CHAPUT LAND SURVEYS.
 - DISTURBED AREA = 21.70 ACRES
 - STORM WATER MANAGEMENT MEETING ALL THE REQUIREMENTS OF THE CITY, MMSD CHAPTER 13 AND NR 131 WILL BE PROVIDED BY FOUR PROPOSED STORM WATER PONDS LOCATED ON THE SITE.
 - ALL PROPOSED SPOT GRADES ALONG THE CURB ARE AT THE FLANGE LINE. ALL PROPOSED SPOT GRADES ALONG THE FACE OF A RAISED WALK ARE AT THE BOTTOM OF WALK (ASPH.) UNLESS OTHERWISE NOTED.
 - THE PROJECT INCLUDES FILLING 9424 S.F. OF WETLANDS, SUBJECT TO WI DNR PERMIT AND APPROVAL.



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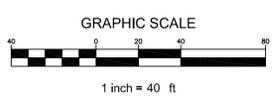
SITE GRADING PLAN C2.0



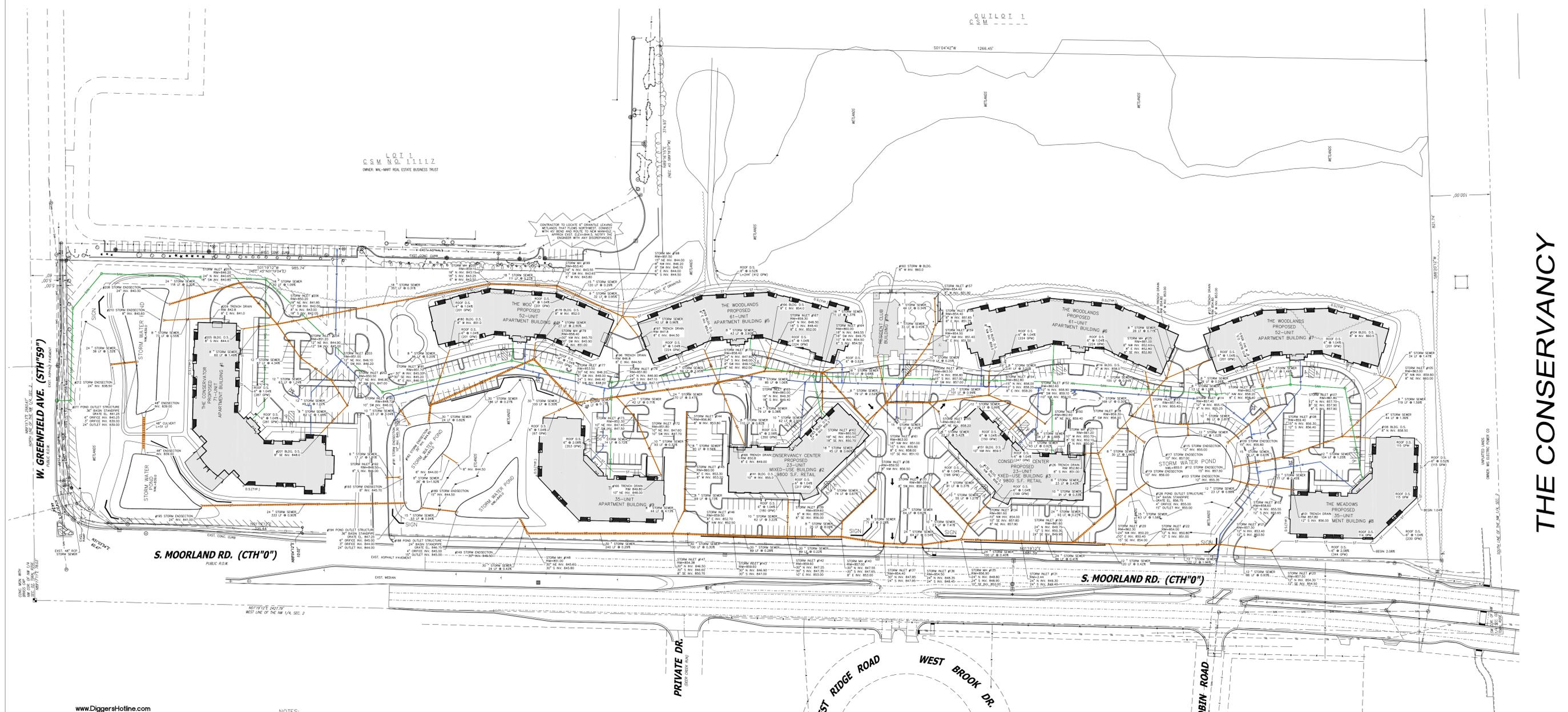
THE CONSERVANCY
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CJE NO.: 2434R6
 AUGUST 23, 2024
 REV: 01/08/25
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LEGEND	
	860 EXISTING CONTOUR
	855 PROPOSED CONTOUR
	x-856.5 PROPOSED GRADE
	ST EXISTING STORM SEWER
	ST PROPOSED STORM SEWER



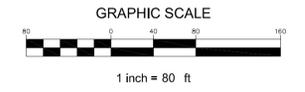
SITE GRADING PLAN C2.2



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- NOTES:**
1. ALL STORM SEWER, SANITARY SEWER, AND WATER MAIN MATERIALS AND INSTALLATION PER APPLICABLE SECTIONS OF THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN (STANDARD SPECIFICATIONS), WISCONSIN ADMINISTRATIVE PLUMBING CODE AND THE CITY OF NEW BERLIN REQUIREMENTS.
 2. ALL TRENCHES IN PAVEMENT AREAS SHALL HAVE GRAVEL BACKFILL.
 3. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, DEPTH AND CONDITION OF ALL SEWER AND WATER CONNECTIONS PRIOR TO UTILITY CONSTRUCTION. NOTIFY THE ENGINEER WITH ANY DISCREPANCIES.
 4. STORM SEWER: PVC ASTM D3034, RCP ASTM C76, OR ADSN-12 HDPE
 SANITARY SEWER: PVC ASTM D3034, SDR 35
 WATER MAIN: PVC, AWWA C900, CLASS 150 (DR18)
 *MATERIAL PER CITY REQUIREMENT. CONTRACTOR TO VERIFY.
 5. CONTRACTOR TO PROVIDE TRACER WIRE OR OTHER METHOD OF LOCATING FOR ALL UNDERGROUND EXTERIOR NON-METALLIC SANITARY, STORM AND WATER PIPE PER WISCONSIN PLUMBING CODE SECTION 182.0715(2).

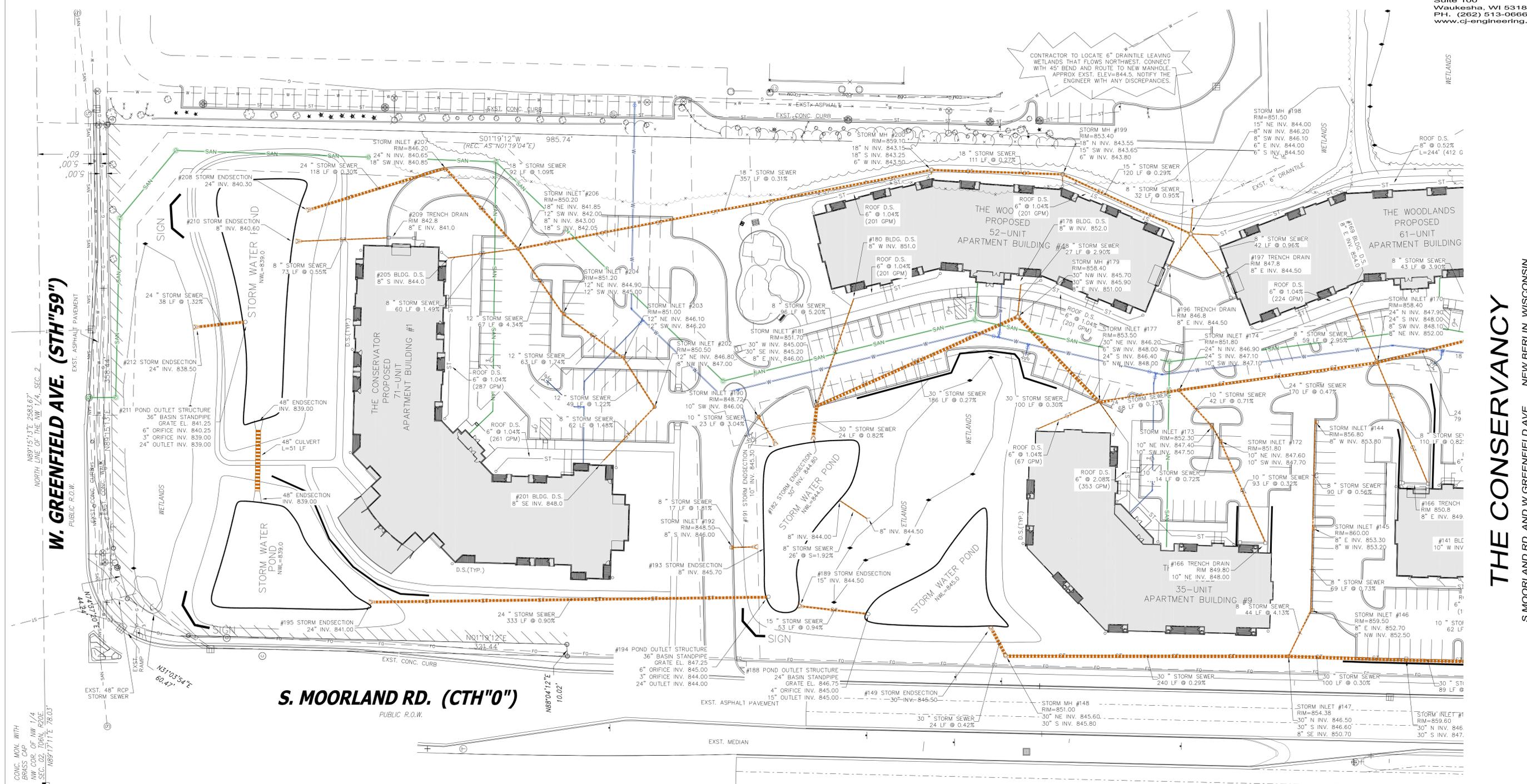


LEGEND

	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	BURIED GAS MAIN
	OVER HEAD WIRE
	BURIED ELECTRIC

SITE STORM SEWER PLAN
C3.0

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 AUGUST 23, 2024
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 REV: 06/06/25



W. GREENFIELD AVE. (STH"59")

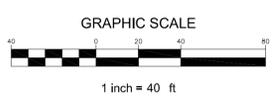
S. MOORLAND RD. (CTH"0")

THE CONSERVANCY

S MOORLAND RD. AND W GREENFIELD AVE. NEW BERLIN, WISCONSIN

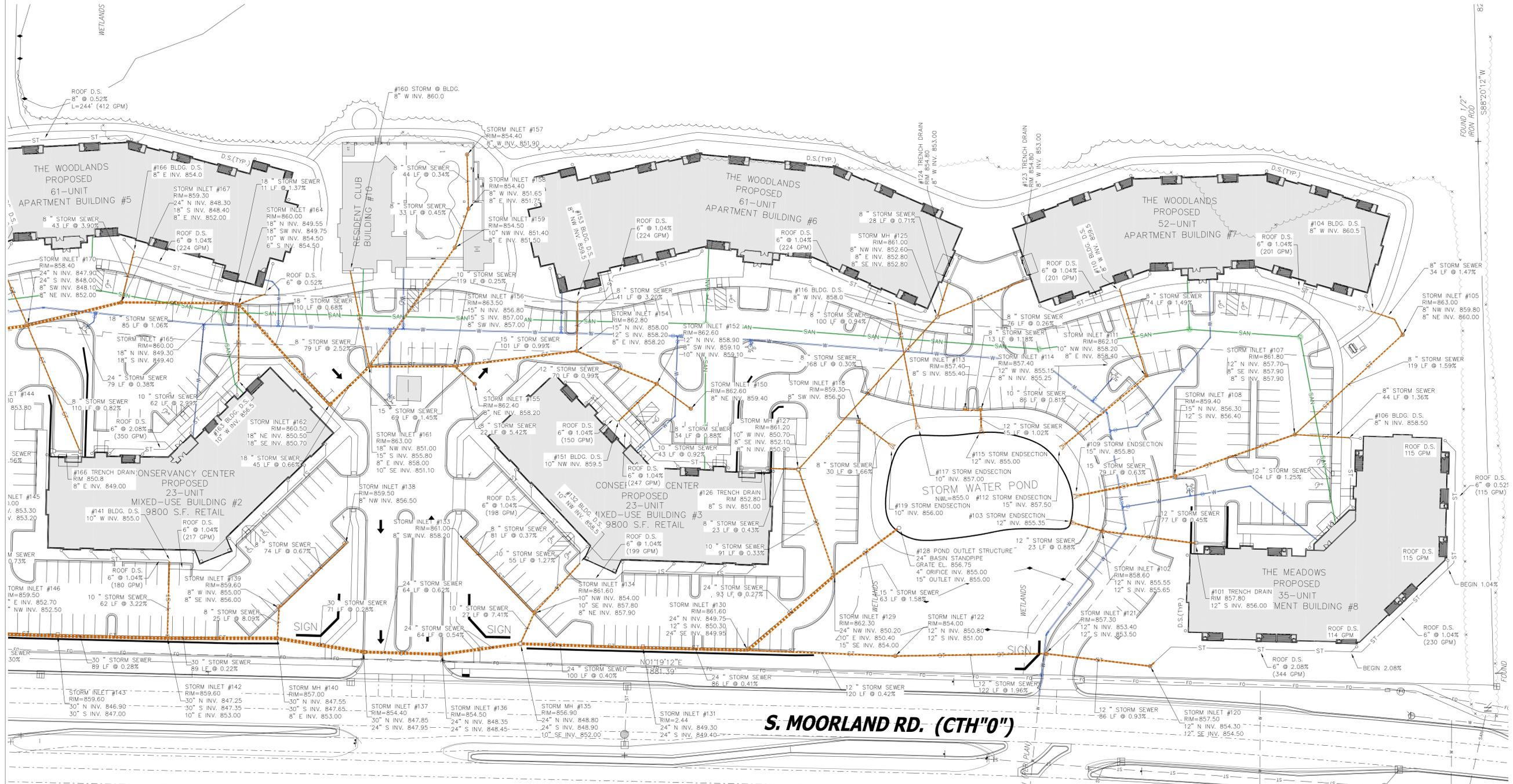
LEGEND

ST	EXISTING STORM SEWER
ST (dashed)	PROPOSED STORM SEWER
SAN	EXISTING SANITARY SEWER
SAN (dashed)	PROPOSED SANITARY SEWER
W	EXISTING WATER MAIN
W (dashed)	PROPOSED WATER MAIN
G	BURIED GAS MAIN
OH	OVER HEAD WIRE
E	BURIED ELECTRIC



CJE NO.: 2434R6
 AUGUST 23, 2024
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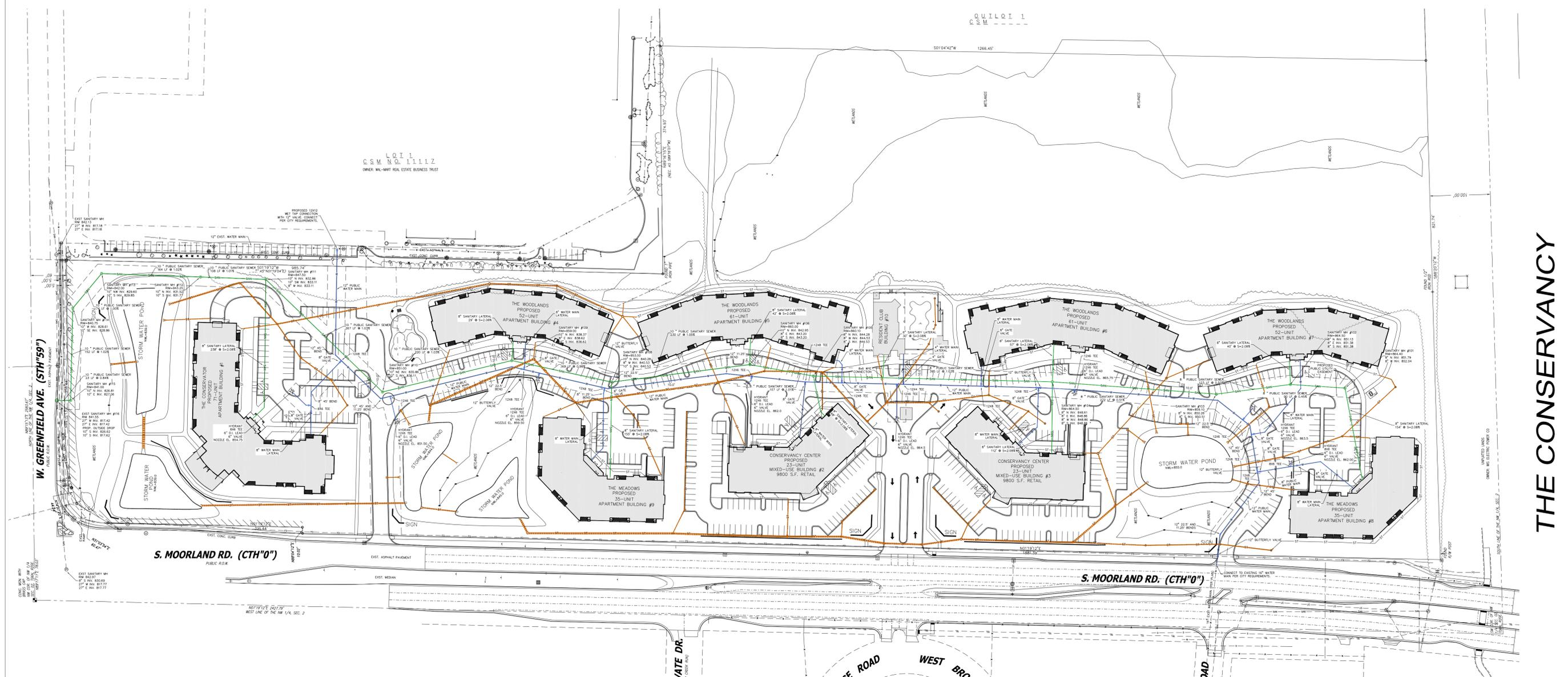
SITE STORM SEWER PLAN C3.1



THE CONSERVANCY
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CJE NO.: 2434R6
 AUGUST 23, 2024
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SITE STORM SEWER PLAN
C3.2

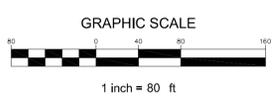


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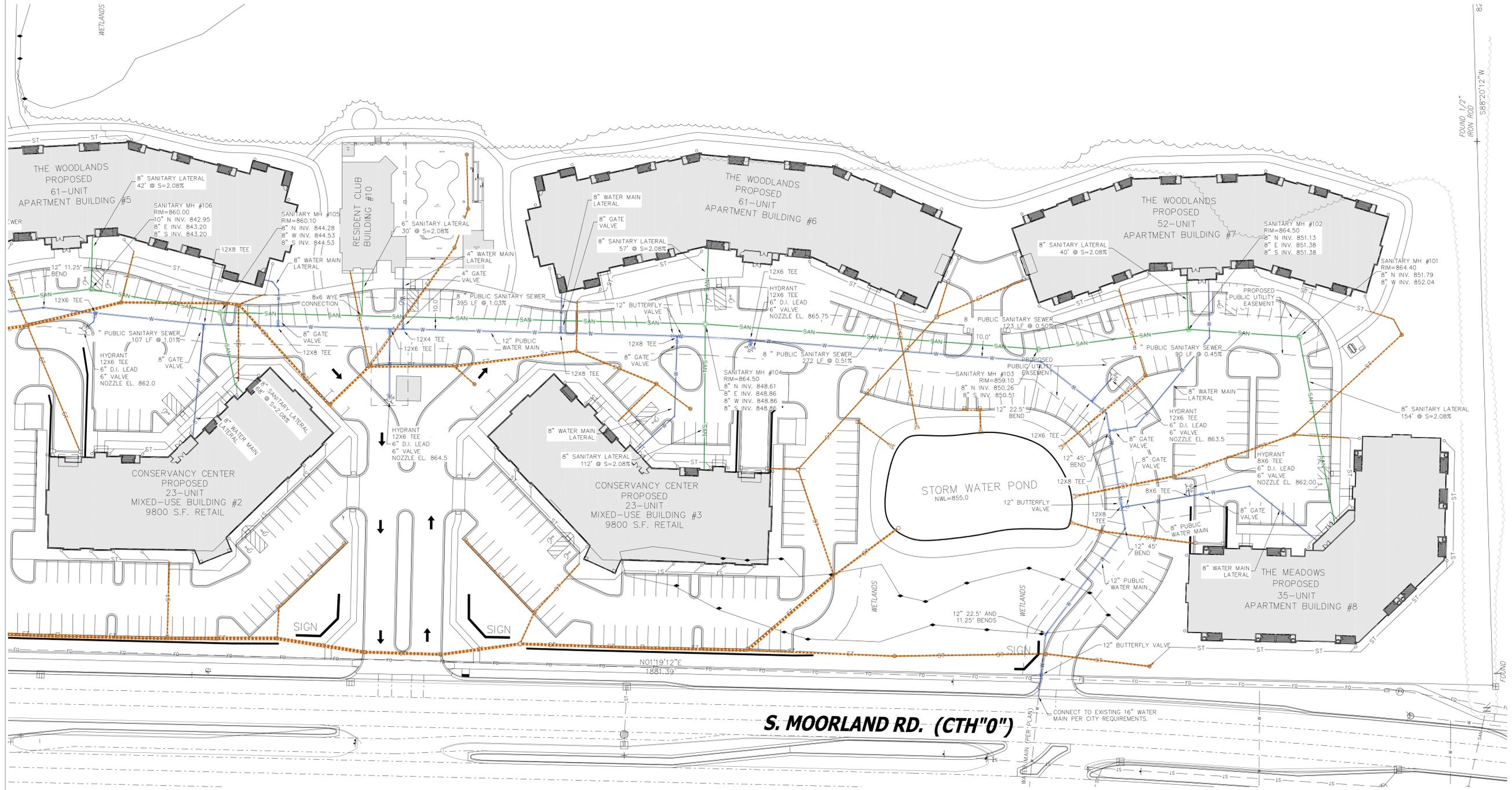
LEGEND	
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	BURIED GAS MAIN
	OVER HEAD WIRE
	BURIED ELECTRIC

- NOTES:**
1. ALL STORM SEWER, SANITARY SEWER, AND WATER MAIN MATERIALS AND INSTALLATION PER APPLICABLE SECTIONS OF THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN (STANDARD SPECIFICATIONS), WISCONSIN ADMINISTRATIVE PLUMBING CODE AND THE CITY OF NEW BERLIN REQUIREMENTS.
 2. ALL TRENCHES IN PAVEMENT AREAS SHALL HAVE GRAVEL BACKFILL.
 3. EXACT SIZE AND LOCATION OF SANITARY AND WATER SERVICE TO PROPOSED BUILDING BY PLUMBING CONSULTANT/CONTRACTOR.
 4. THE CONTRACTOR SHALL VERIFY SIZE, LOCATION, DEPTH AND CONDITION OF ALL SEWER AND WATER CONNECTIONS PRIOR TO UTILITY CONSTRUCTION. NOTIFY THE ENGINEER WITH ANY DISCREPANCIES.
 5. STORM SEWER: PVC ASTM D3034, RCP ASTM C76, OR ADSN-12 HDPE
 SANITARY SEWER: PVC ASTM D3034, SDR 35
 *WATER MAIN: PVC, AWWA C900, CLASS 150 (DR18)
 *MATERIAL PER CITY REQUIREMENT, CONTRACTOR TO VERIFY.
 6. ALL WATER SERVICE PIPING TO HAVE A MINIMUM OF 6 FEET OF COVER.
 7. CONTRACTOR TO PROVIDE TRACER WIRE OR OTHER METHOD OF LOCATING FOR ALL UNDERGROUND EXTERIOR NON-METALLIC SANITARY, STORM AND WATER PIPE PER WISCONSIN PLUMBING CODE SECTION 182.0715(2).



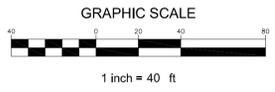
SITE WATER AND SANITARY PLAN
C4.0

CJE NO.: 2434R6
 AUGUST 23, 2024
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 REV: 06/06/25



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 S MOORLAND RD. AND W GREENFIELD AVE. NEW BERLIN, WISCONSIN

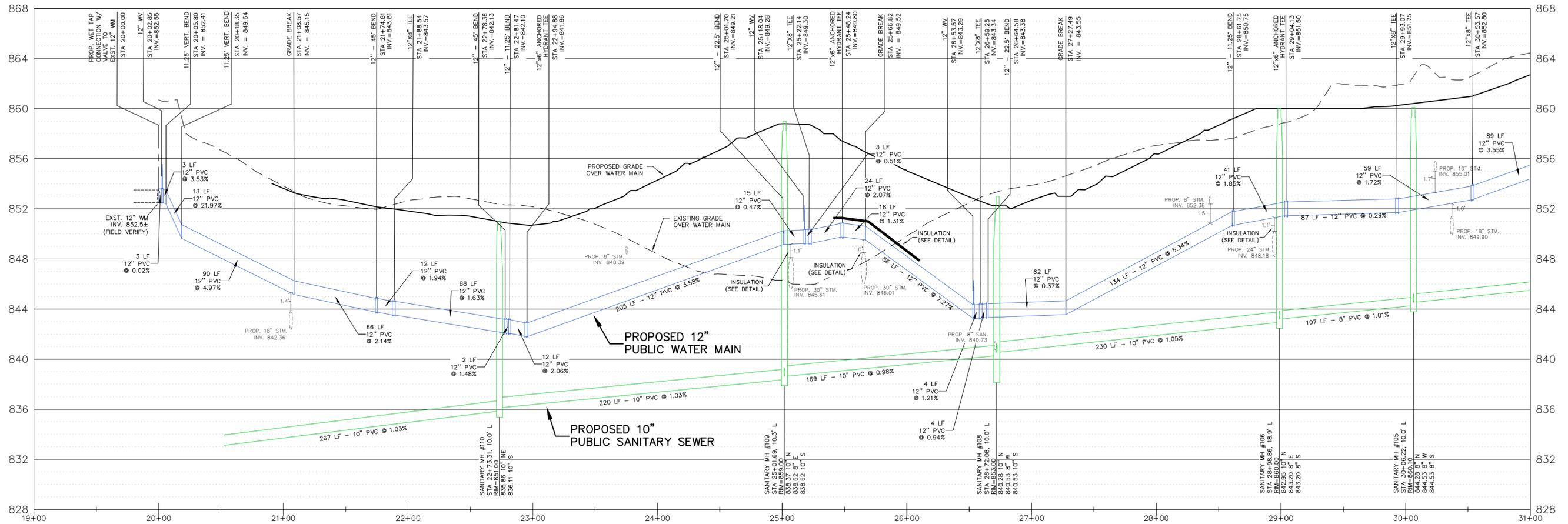
LEGEND	
ST	EXISTING STORM SEWER
ST	PROPOSED STORM SEWER
SAN	EXISTING SANITARY SEWER
SAN	PROPOSED SANITARY SEWER
W	EXISTING WATER MAIN
W	PROPOSED WATER MAIN
G	BURIED GAS MAIN
E	OVER HEAD WIRE
E	BURIED ELECTRIC



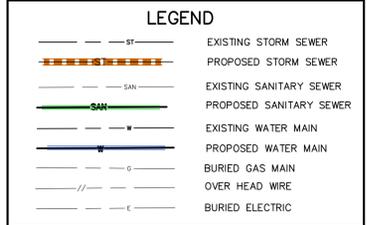
**SITE WATER AND
 SANITARY PLAN**

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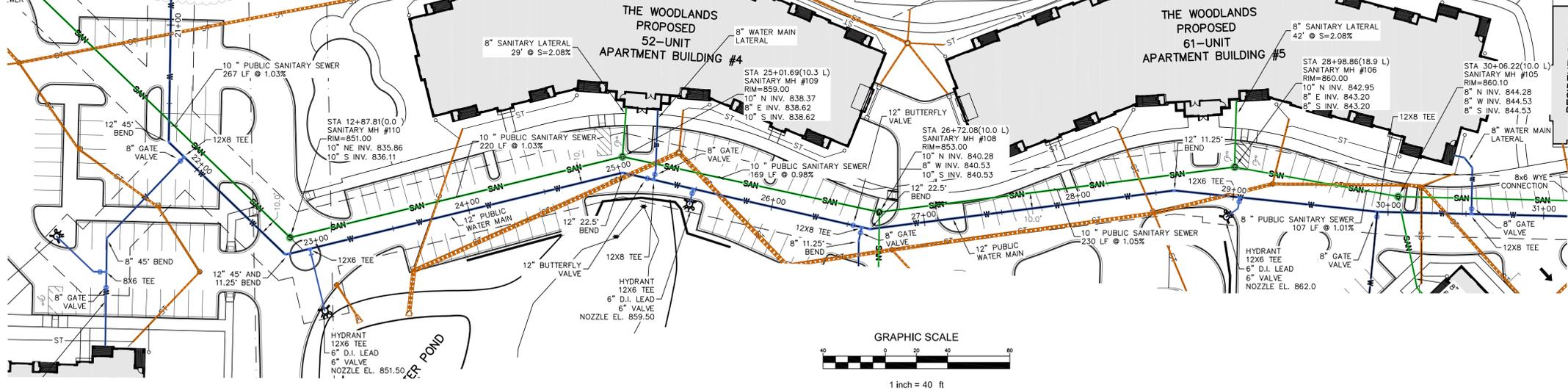
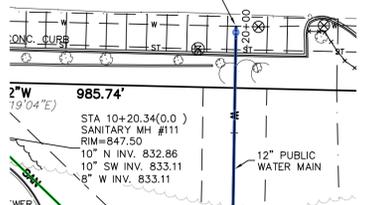
C4.2



- UTILITY NOTES**
- 1) ALL WATER MAIN MATERIALS AND INSTALLATION PER SECTION 2 OF THE CITY OF NEW BERLIN DEVELOPMENT HANDBOOK.
 - 2) ALL SANITARY SEWER MATERIALS AND INSTALLATION PER SECTION 3 OF THE CITY OF NEW BERLIN DEVELOPMENT HANDBOOK.
 - 3) ALL WORK IN THE RIGHT-OF-WAY PER CITY OF NEW BERLIN REQUIREMENTS. ROAD RESTORATION PER CITY REQUIREMENTS.
 - 4) USE BUTTERFLY VALVES ON THE 12" WATER MAIN. USE GATE VALVES ON THE 8" WATER MAIN.



PROPOSED 12X12 WET TAP CONNECTION WITH 12" VALVE. CONNECT PER CITY REQUIREMENTS.



CJE NO.: CJE2434R6

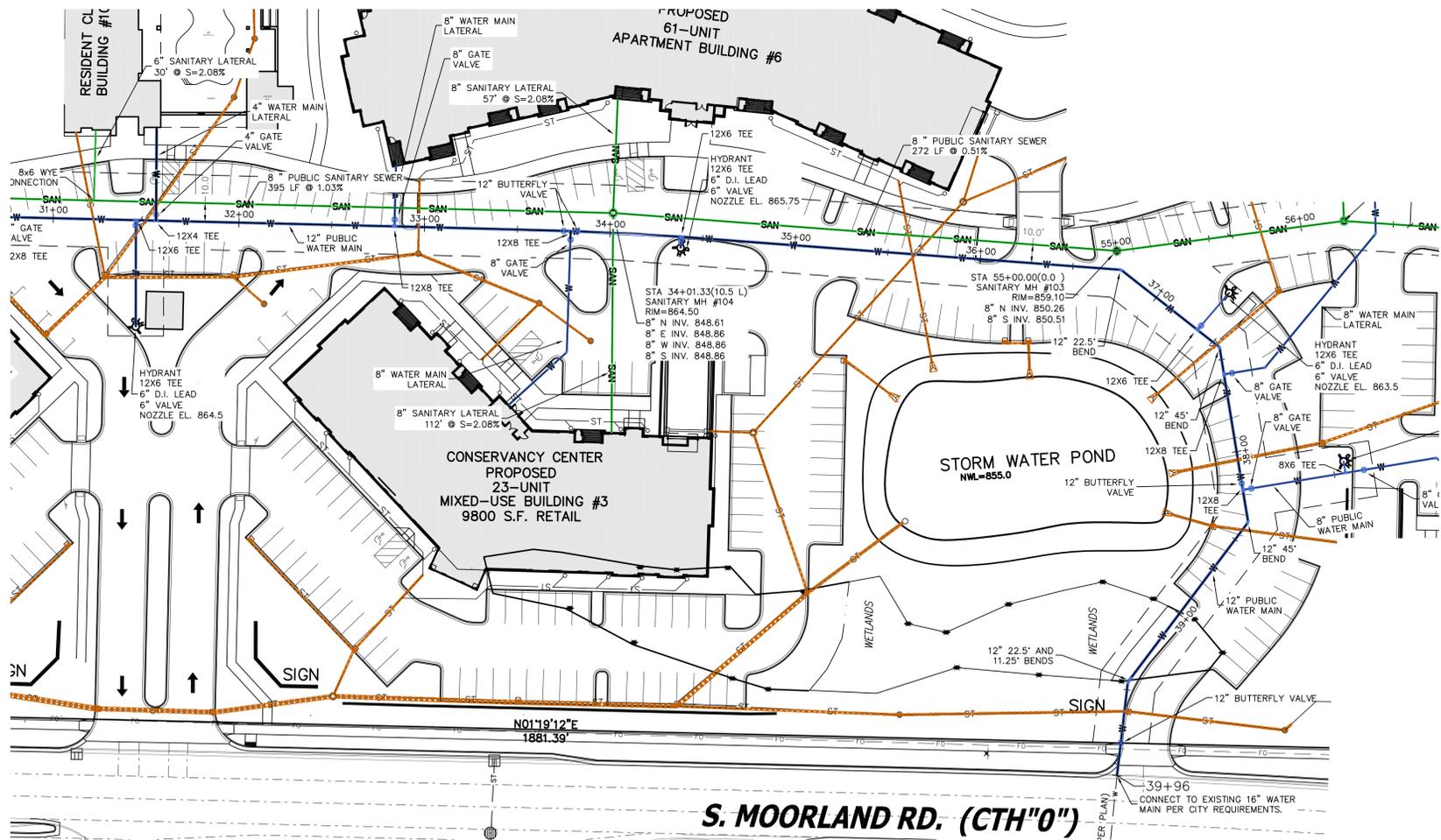
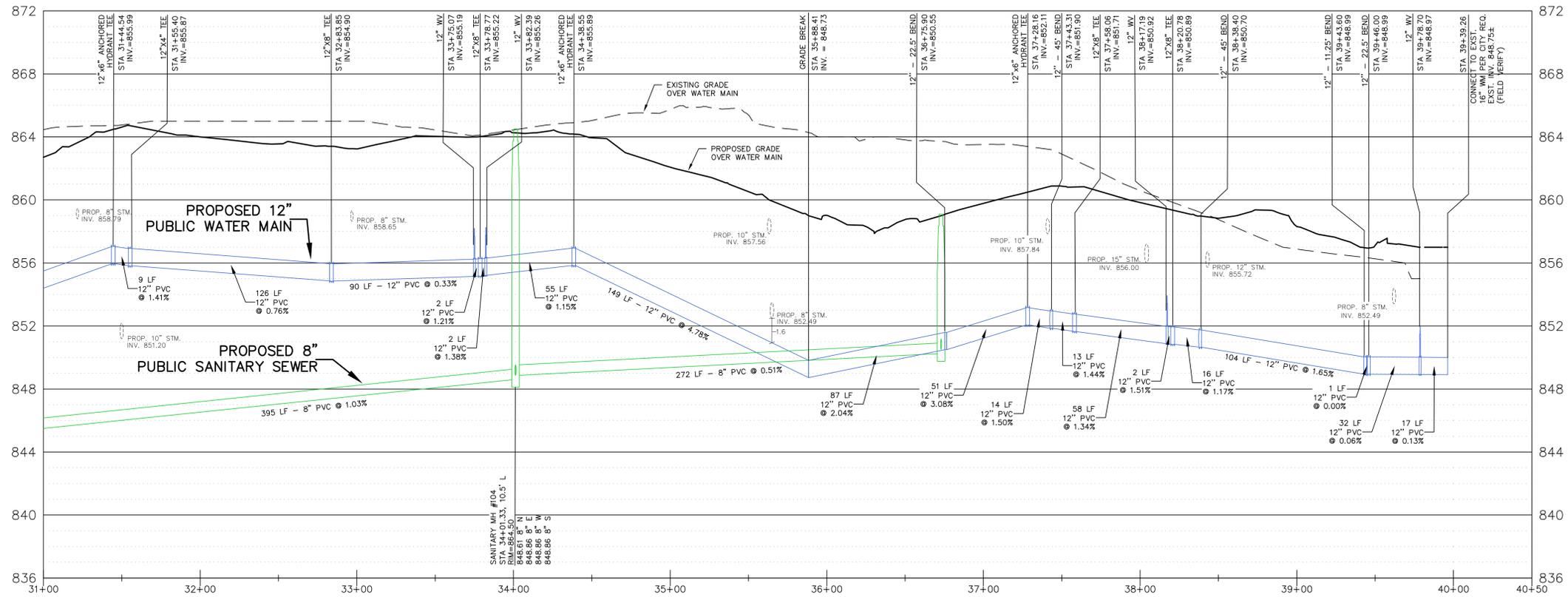
REVISIONS:
A.R.P. 03-21-2025
A.R.P. 06-06-2025

CITY OF NEW BERLIN

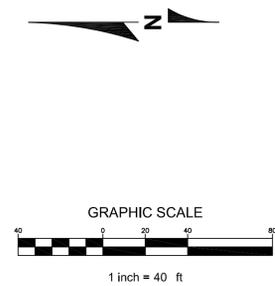
CJ engineering
civil design and consulting
Suite 100
WAUKESHA, WI 53198
www.cj-engineering.com

**PUBLIC WATER MAIN & SANITARY SEWER
THE CONSERVANCY**

APPROVED BY:		C4.3
CITY ENGINEER	DATE	
SCALE:	DATE:	
HORIZ. 1"=40'	DATE: 01-08-2025	
VERT. 1"=4'	CJE JOB NO.:	CHK'D. BY:
	CJE2434R6	C. JACKSON



- UTILITY NOTES**
- 1) ALL WATER MAIN MATERIALS AND INSTALLATION PER SECTION 2 OF THE CITY OF NEW BERLIN DEVELOPMENT HANDBOOK.
 - 2) ALL SANITARY SEWER MATERIALS AND INSTALLATION PER SECTION 3 OF THE CITY OF NEW BERLIN DEVELOPMENT HANDBOOK.
 - 3) ALL WORK IN THE RIGHT-OF-WAY PER CITY OF NEW BERLIN REQUIREMENTS. ROAD RESTORATION PER CITY REQUIREMENTS.
 - 4) USE BUTTERFLY VALVES ON THE 12" WATER MAIN. USE GATE VALVES ON THE 8" WATER MAIN.



LEGEND

---	EXISTING STORM SEWER
---	PROPOSED STORM SEWER
---	EXISTING SANITARY SEWER
---	PROPOSED SANITARY SEWER
---	EXISTING WATER MAIN
---	PROPOSED WATER MAIN
---	BURIED GAS MAIN
---	OVER HEAD WIRE
---	BURIED ELECTRIC

REVISIONS:
A.R.P. 03-21-2025
A.R.P. 06-06-2025

CITY OF NEW BERLIN
CJ engineering
 civil design and consulting
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 WAUKESHA, WI 53188
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 PH. (262) 513-0666

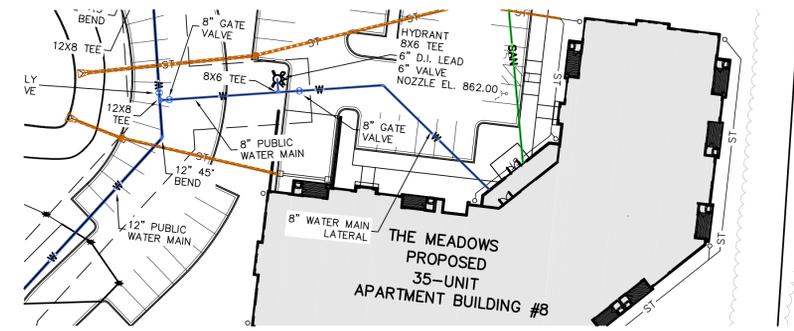
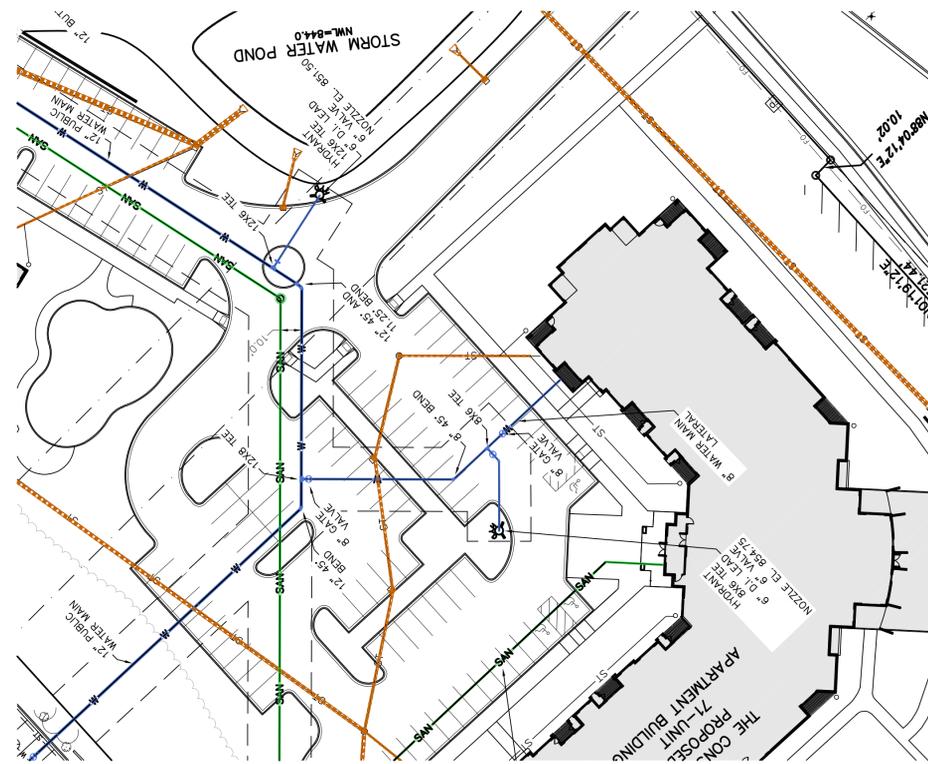
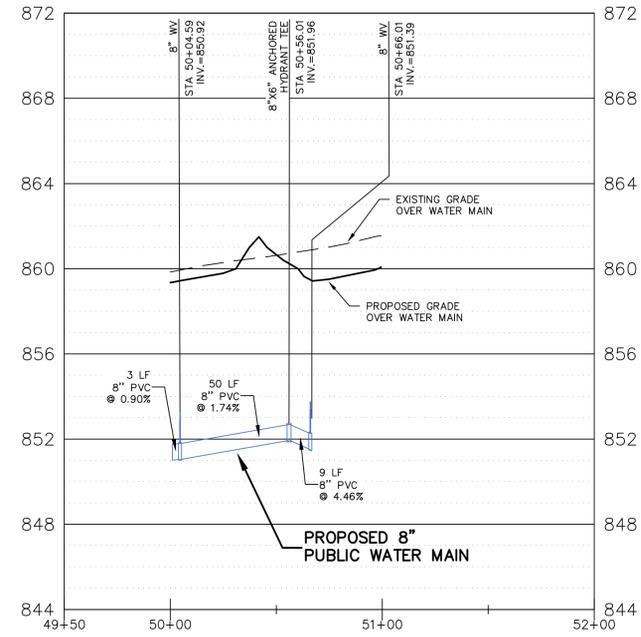
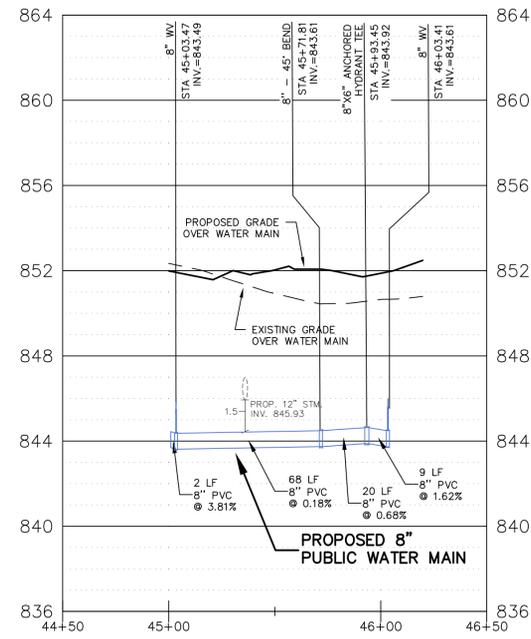
PUBLIC WATER MAIN & SANITARY SEWER THE CONSERVANCY

APPROVED BY:

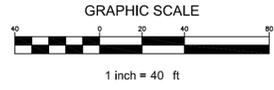
CITY ENGINEER	DATE	DWG. BY
SCALE:	DATE:	CHKD. BY:
HORIZ. 1"=40'	01-08-2025	A. POBELLA
VERT. 1"=4'	CJE JOB NO.:	C. JACKSON
	CJE2434R6	

C4.4

CJE NO.: CJE2434R6



- UTILITY NOTES**
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 - 2) ALL SANITARY SEWER MATERIALS AND INSTALLATION PER SECTION 3 OF THE CITY OF NEW BERLIN DEVELOPMENT HANDBOOK.
 - 3) ALL WORK IN THE RIGHT-OF-WAY PER CITY OF NEW BERLIN REQUIREMENTS. ROAD RESTORATION PER CITY REQUIREMENTS.
 - 4) USE BUTTERFLY VALVES ON THE 12" WATER MAIN. USE GATE VALVES ON THE 8" WATER MAIN.



N

LEGEND	
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	BURIED GAS MAIN
	OVER HEAD WIRE
	BURIED ELECTRIC

REVISIONS:
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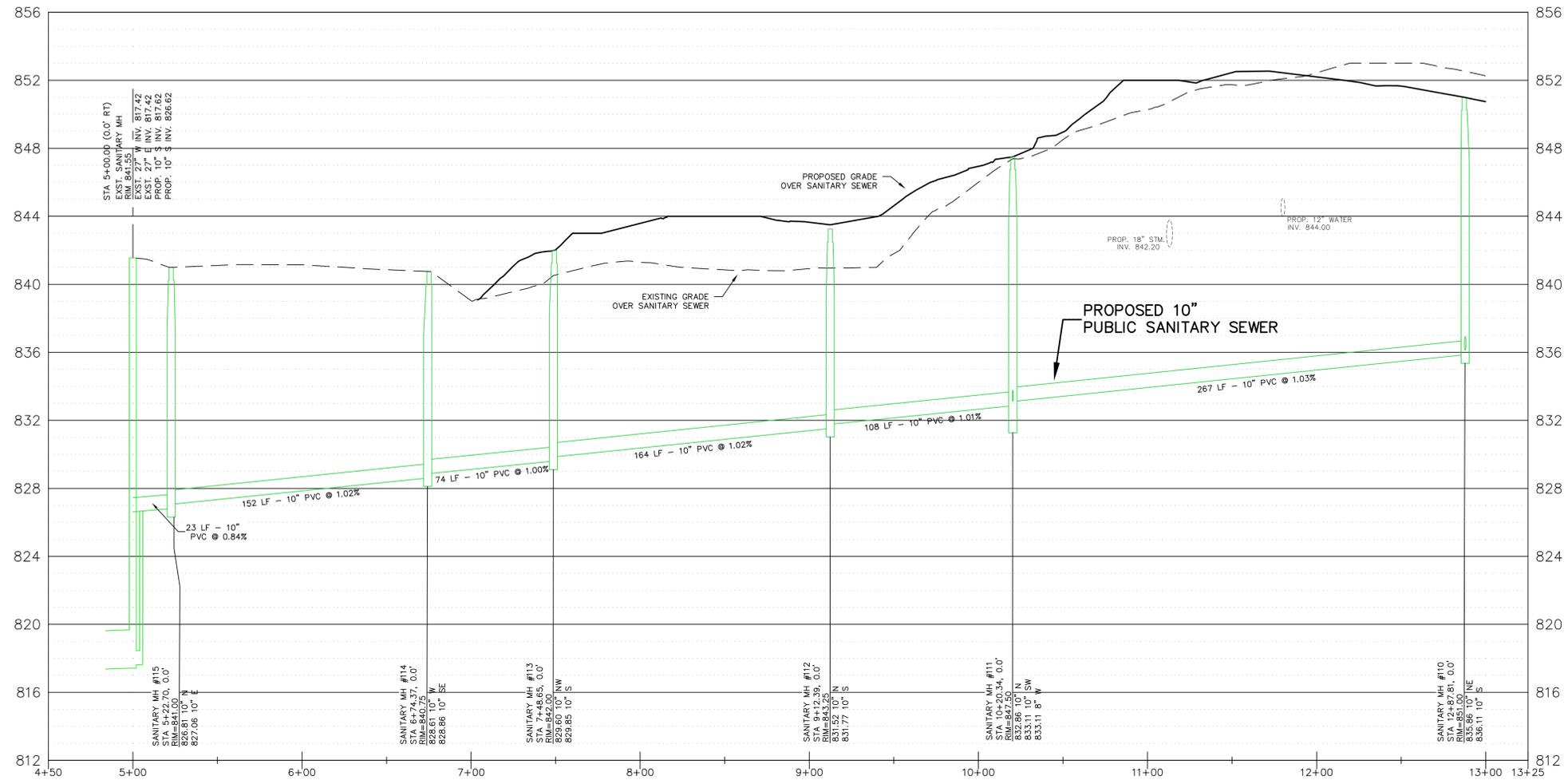
CITY OF NEW BERLIN

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WWW.CJ-ENGINEERING.COM
PH. (262) 513-0666

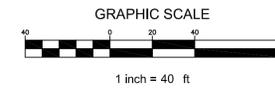
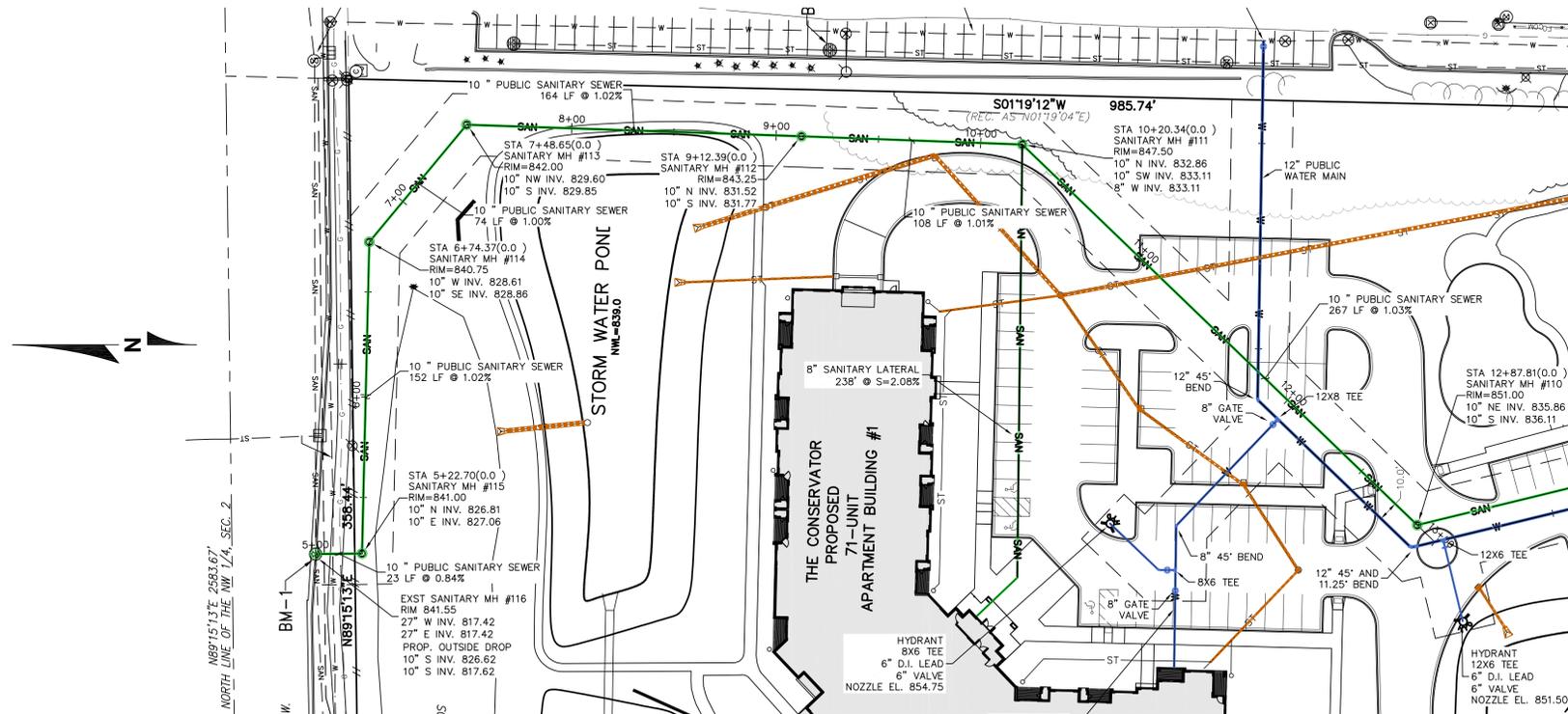
**PUBLIC WATER MAIN & SANITARY SEWER
THE CONSERVANCY**

APPROVED BY:		C4.5
CITY ENGINEER	DATE	
SCALE:	DATE:	
HORIZ. 1"=40'	01-08-2025	
VERT. 1"=4'	CJE JOB NO. CJE2434R6	CHK'D. BY: C. JACKSON



UTILITY NOTES

- 1) ALL WATER MAIN MATERIALS AND INSTALLATION PER SECTION 2 OF THE CITY OF NEW BERLIN DEVELOPMENT HANDBOOK.
- 2) ALL SANITARY SEWER MATERIALS AND INSTALLATION PER SECTION 3 OF THE CITY OF NEW BERLIN DEVELOPMENT HANDBOOK.
- 3) ALL WORK IN THE RIGHT-OF-WAY PER CITY OF NEW BERLIN REQUIREMENTS. ROAD RESTORATION PER CITY REQUIREMENTS.
- 4) USE BUTTERFLY VALVES ON THE 12" WATER MAIN. USE GATE VALVES ON THE 8" WATER MAIN.



LEGEND	
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	BURIED GAS MAIN
	OVER HEAD WIRE
	BURIED ELECTRIC

CJE NO.: CJE2434R6

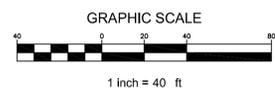
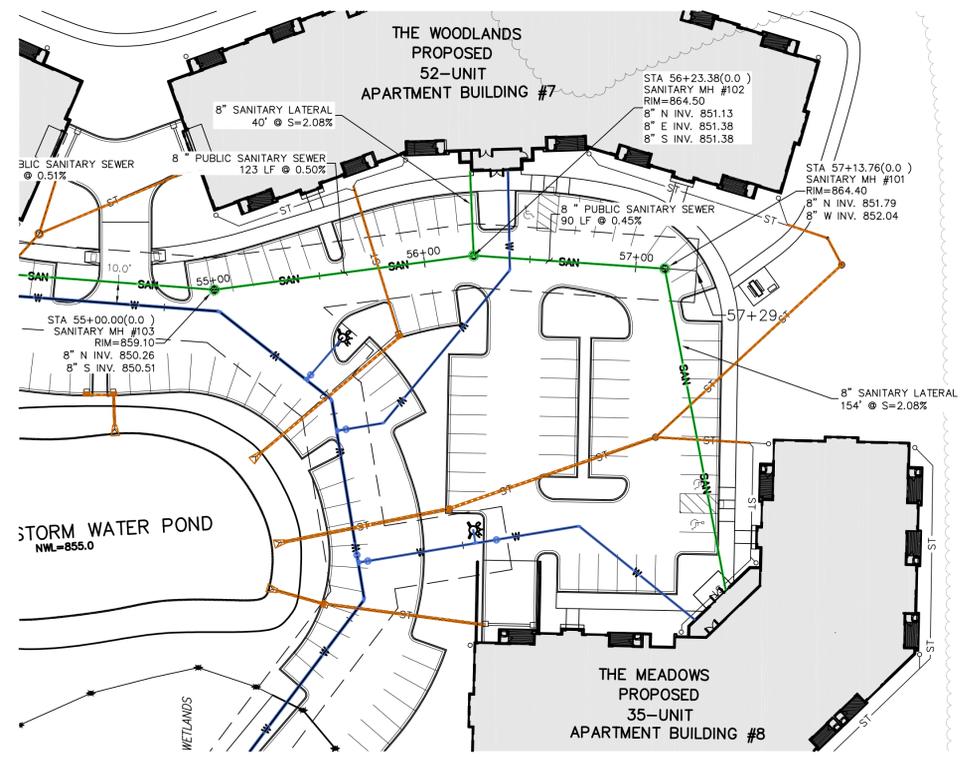
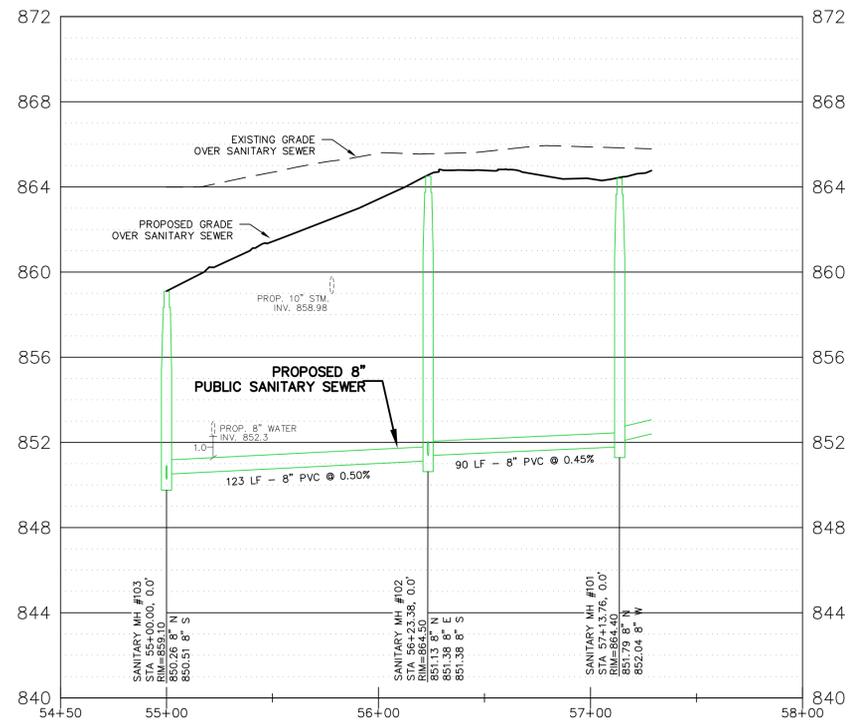
REVISIONS:
A.R.P. 03-21-2025
A.R.P. 06-06-2025

CITY OF NEW BERLIN

CJ engineering
civil design and consulting
Suite 100
WALKESSHA, WI 53188
www.cj-engineering.com

PUBLIC WATER MAIN & SANITARY SEWER
THE CONSERVANCY

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LEGEND

---	ST	EXISTING STORM SEWER
---	SS	PROPOSED STORM SEWER
---	SAN	EXISTING SANITARY SEWER
---	SAN	PROPOSED SANITARY SEWER
---	W	EXISTING WATER MAIN
---	W	PROPOSED WATER MAIN
---	G	BURIED GAS MAIN
---	OW	OVER HEAD WIRE
---	E	BURIED ELECTRIC

REVISIONS:
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CITY OF NEW BERLIN

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PUBLIC WATER MAIN & SANITARY SEWER
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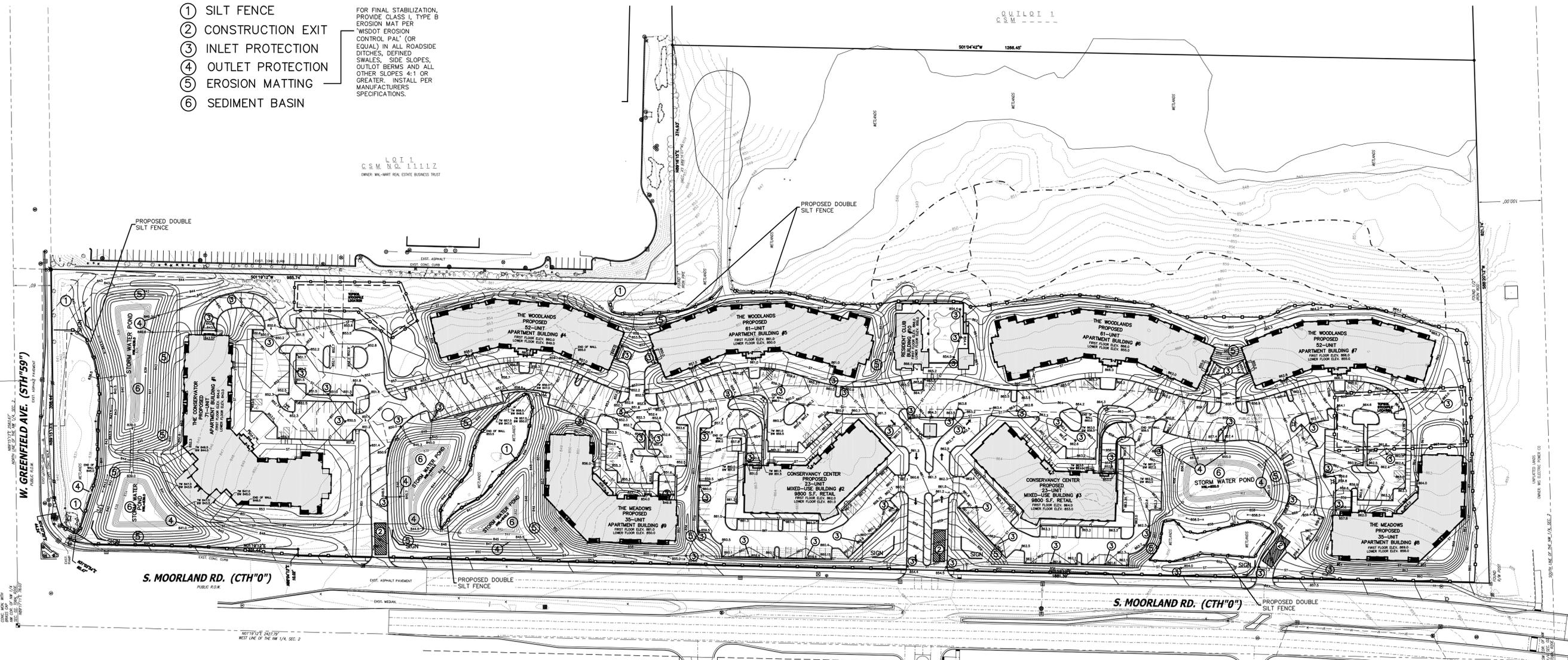
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CITY ENGINEER	DATE
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VERT. 1"=4'	
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CJE2434R6	C. JACKSON

C4.7



EROSION CONTROL PRACTICES

- ① SILT FENCE
 - ② CONSTRUCTION EXIT
 - ③ INLET PROTECTION
 - ④ OUTLET PROTECTION
 - ⑤ EROSION MATTING
 - ⑥ SEDIMENT BASIN
- FOR FINAL STABILIZATION, PROVIDE CLASS I, TYPE B EROSION MAT PER "WISDOT EROSION CONTROL PAL" (OR EQUAL) IN ALL ROADSIDE DITCHES, DEFINED SWALES, SIDE SLOPES, OUTLET BERMS AND ALL OTHER SLOPES 4:1 OR GREATER. INSTALL PER MANUFACTURERS SPECIFICATIONS.



CONSTRUCTION SCHEDULE

1. OBTAIN PLAN APPROVAL AND OTHER APPLICABLE PERMITS.
2. INSTALL CONSTRUCTION EXIT.
3. INSTALL SILT FENCE AND CONSTRUCTION FENCE.
4. STRIP AND STOCK PILE TOP SOIL SURROUND TOP SOIL STOCK PILE WITH SILT FENCE AND TEMP. STABILIZE LOCATION OF STOCK PILE TO BE DETERMINED BY CONTRACTOR.
5. INSTALL STORM WATER BASINS TO USE AS SEDIMENT BASINS COMPLETE WITH OUTLETS:
 - A. ROUGH GRADE AND OVER EXCAVATE BOTTOM OF BASINS.
 - B. INSTALL OUTLET STRUCTURE AND PIPES.
 - C. CONSTRUCT DIVERSION BERMS AND SWALES TO DIRECT THE RUNOFF TO THE BASINS.
6. ROUGH GRADE SITE.
7. UTILIZE DEWATERING BAG AS NECESSARY DURING EXCAVATION FOR BUILDING CONSTRUCTION. DIRECT RUNOFF FROM BAG TO EXISTING STORM WATER FACILITIES.
8. INSTALL PROPOSED UTILITIES.
9. INSTALL INLET GRATE SCREENS IN ALL NEW STORM INLETS.
10. INSTALL OUTLET PROTECTION.
11. INSTALL BASE COURSE OF PAVEMENT.
12. FINAL GRADE SLOPES AND TOPSOIL CRITICAL SLOPES; VEGETATE AND MAT ALL DISTURBED AREAS.
13. ALL EROSION CONTROL PRACTICES WILL BE INSPECTED WEEKLY AND AFTER RAINFALL, NEEDED REPAIRS WILL BE PERFORMED IMMEDIATELY.
14. AFTER SITE IS STABILIZED, REMOVE ALL TEMPORARY MEASURES AND VEGETATE THE DISTURBED AREAS.

NOTES:

1. ALL EROSION CONTROL METHODS SHALL BE IN ACCORDANCE WITH THE CITY OF NEW BERLIN STANDARDS AND WDNR CPS TECHNICAL STANDARDS.
 2. ALL EXPOSED SOIL AREAS NOT DISTURBED WITHIN SEVEN (7) DAYS SHALL BE IMMEDIATELY RESTORED WITH SEED AND MULCH OR POLYMER.
- SEE WDNR TECHNICAL STANDARD 1059 FOR SEEDING
- DURING GROWING SEASON (SOIL TEMPERATURES REMAIN CONSISTENTLY ABOVE 53°):
3. DISTURBED AREA: 21.70 ACRES
 4. CONSTRUCTION FENCE AND SIGNAGE TO BE PLACED AS BUFFER ADJACENT TO WETLAND AREAS. CRITICAL LOCATIONS SHOWN ON PLAN.
 5. SINCE THE STORM WATER MANAGEMENT DEVICES ARE TO BE USED AS SEDIMENT CONTROL DEVICES FOR EROSION CONTROL DURING CONSTRUCTION, A CERTIFICATION IS REQUIRED PRIOR TO BUILDING PERMIT AND A RECERTIFICATION IS REQUIRED PRIOR TO OCCUPANCY.

MAINTENANCE PLAN

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY 2" RUNOFF-PRODUCTION RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
2. SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN IT BECOMES ABOUT 0.5 FT. DEEP AT THE FENCE. THE SILT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
3. ALL SEEDED AREAS WILL BE WATERED, FERTILIZED, RESEEDED AS NECESSARY, AND MULCHED TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
4. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING BEFORE THE END OF EACH DAY.

WINTER CONDITIONS

DURING WINTER CONSTRUCTION (NOVEMBER 1 TO MAY 1), CONTRACTOR TO PROVIDE TYPE B SOIL STABILIZER, POLYACRYLAMIDE (PAM) PER LATEST WDOT PAL (UPDATED 11/2/2017) ON ALL DISTURBED AREAS THAT ARE NOT TO BE DISTURBED BEYOND 7 DAYS; CONTRACTOR TO INSTALL PAM PER WDNR TECHNICAL STANDARD 1050 AND THE MANUFACTURERS SPECIFICATIONS.

PRESCRIPTIVE COMPLIANCE AREAS:
PER WDNR NR15111 WS ADM. CODE
MAXIMUM PERIOD OF BARE SOIL EXPOSURE FOR SLOPES EXCEEDING 20%

SLOPE AREA GRASS TO SEDIMENT BASIN OR SEDIMENT TRAP	MAXIMUM PERIOD OF BARE SOIL EXPOSURE (CALENDAR DAYS)	LAND DISTURBANCE BETWEEN SEPT. 16TH AND MAY 1ST	LAND DISTURBANCE BETWEEN MAY 2ND AND SEPT. 15TH

TEMPORARY STABILIZATION METHODS

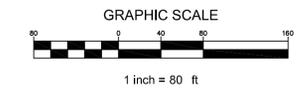
TEMPORARY SEEDING:
DURING GROWING SEASON (MAY 2 – OCTOBER 31) TEMPORARY SEEDING (COVER CROP) TO BE USED FOR TEMPORARY STABILIZATION DURING SITE CONSTRUCTION.

Species	Lbs/Acre	Percent Purity
Ogts	131*	95
Cereal Rye	131*	97
Winter Wheat	131*	95
Annual Ryegrass	80*	97

* Fall Seeding

LAND APPLICATION OF ADDITIVES:
DURING NONGROWING SEASON (NOVEMBER 1 – MAY 1) CONTRACTOR TO PROVIDE TYPE B SOIL STABILIZER DURING SITE CONSTRUCTION. STABILIZER TO BE POLYACRYLAMIDE (PAM) PER LATEST WDOT PAL (UPDATED 11/2/2017) – SEE WDNR TECHNICAL STANDARD 1050.

STABILIZATION SHOULD BE COMPLETED WITHIN 7 DAYS OF ESTABLISHING FINAL GRADE OR THAT WILL OTHERWISE EXIST FOR MORE THAN 14 DAYS.



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DIAL 811 OR (800) 242-8511

LEGEND

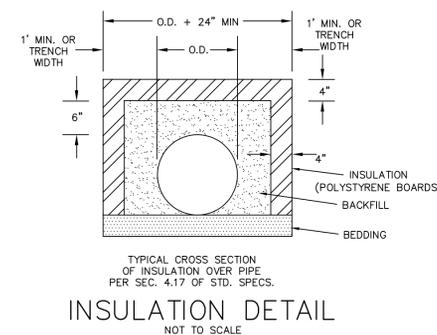
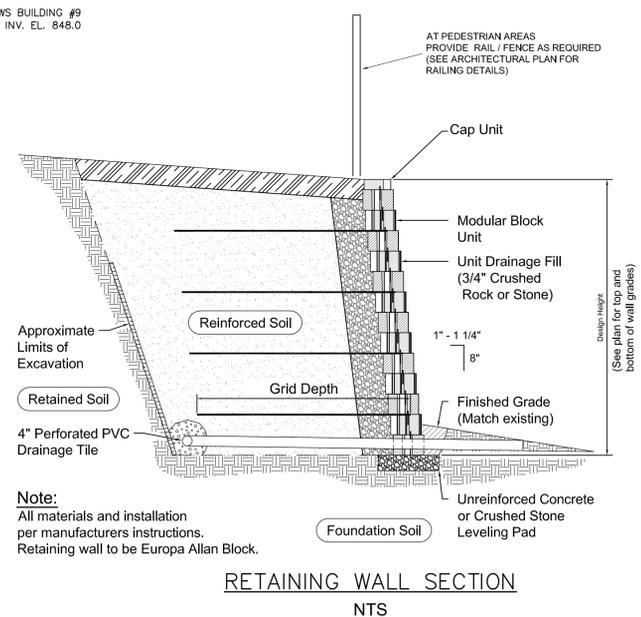
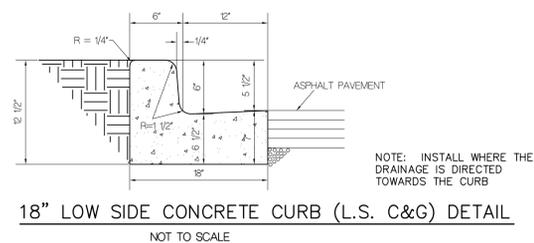
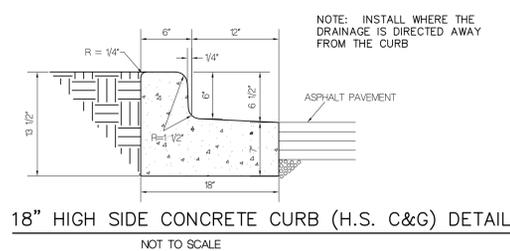
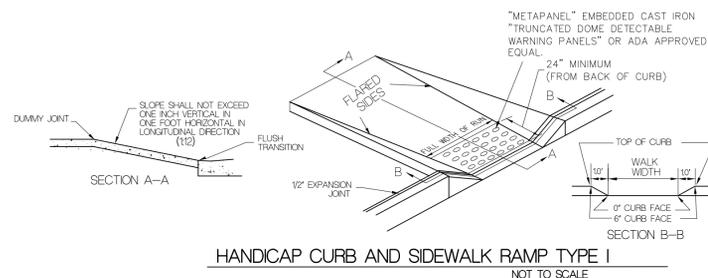
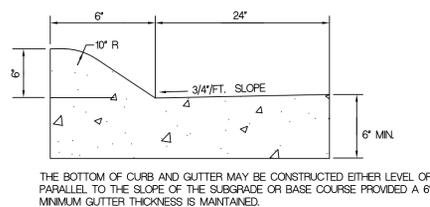
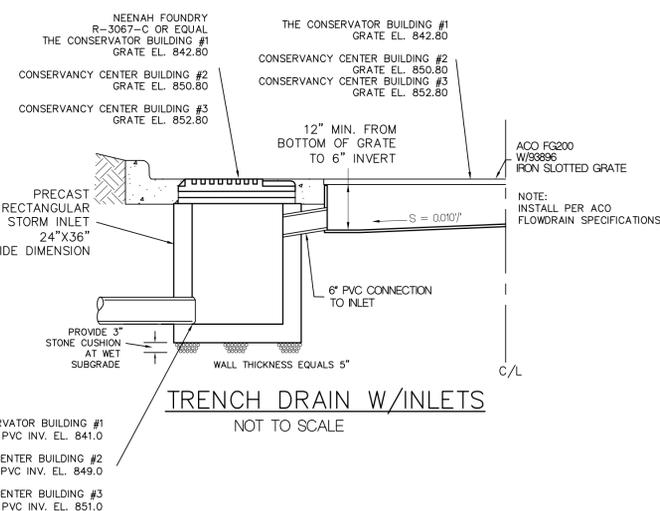
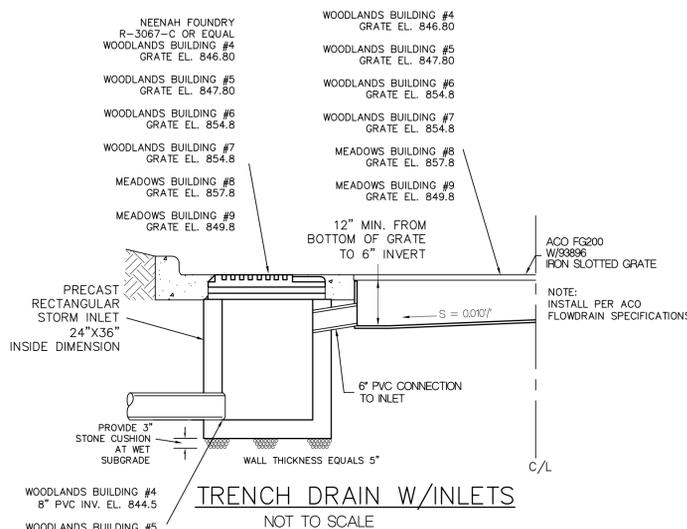
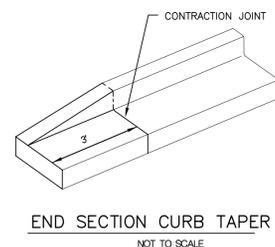
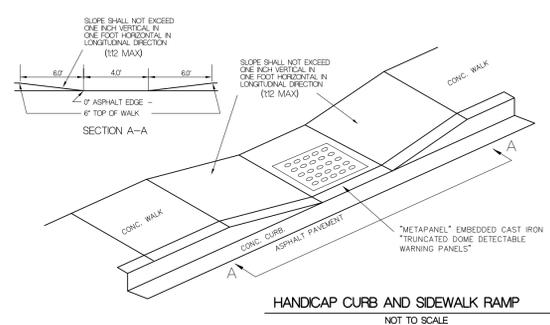
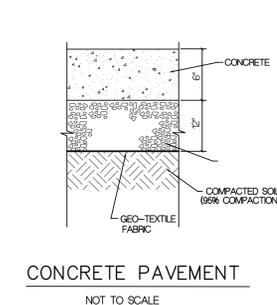
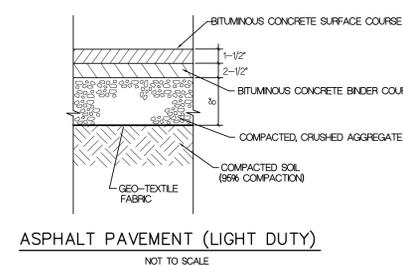
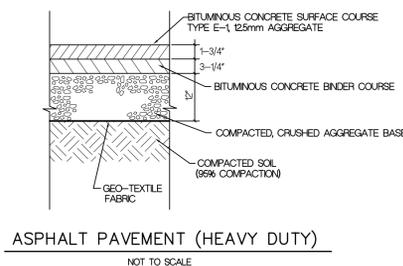
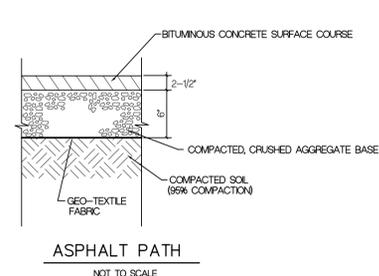
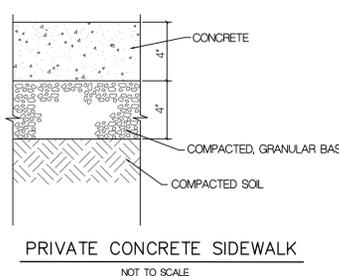
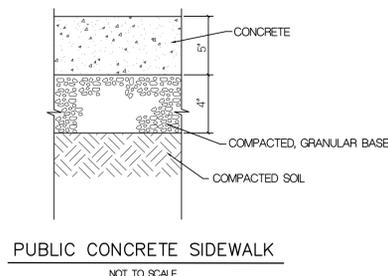
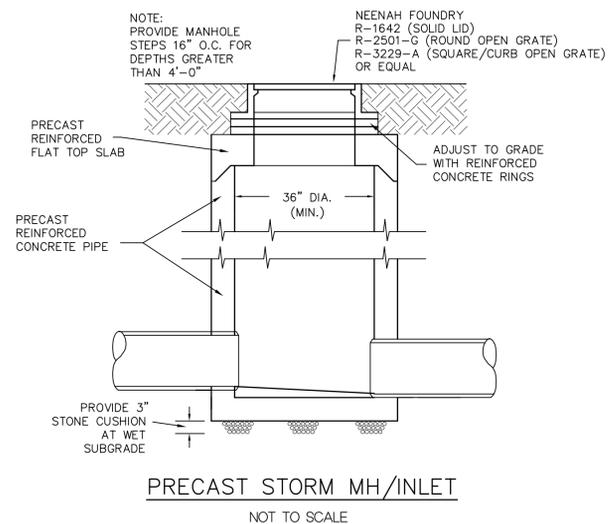
860	EXISTING CONTOUR
855	PROPOSED CONTOUR
X-856.5	PROPOSED GRADE
ST	EXISTING STORM SEWER
ST	PROPOSED STORM SEWER
○	PROPOSED SILT FENCE

SITE EROSION CONTROL PLAN
C5.0

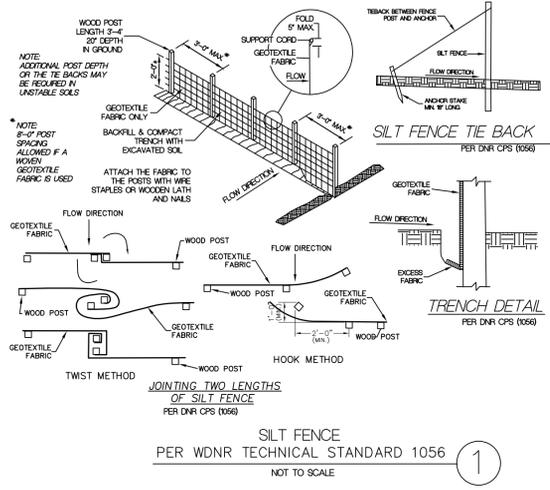
CJE NO.: 2434R6
AUGUST 23, 2024
REV: 01/08/25
REV: 03/21/25
REV: 06/06/25

THE CONSERVANCY
S MOORLAND RD. AND W GREENFIELD AVE. NEW BERLIN, WISCONSIN

NOTE:
 THE SIZE OF INLETS AND MANHOLES WILL VARY DEPENDING ON SEWER SIZES AND NUMBER OF CONNECTIONS. SHOP DRAWINGS WITH STRUCTURE SIZE TO BE PROVIDED BY CONTRACTOR.

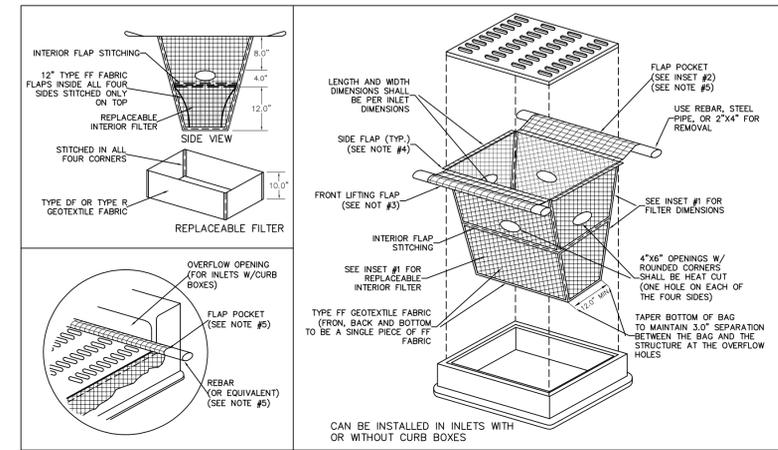


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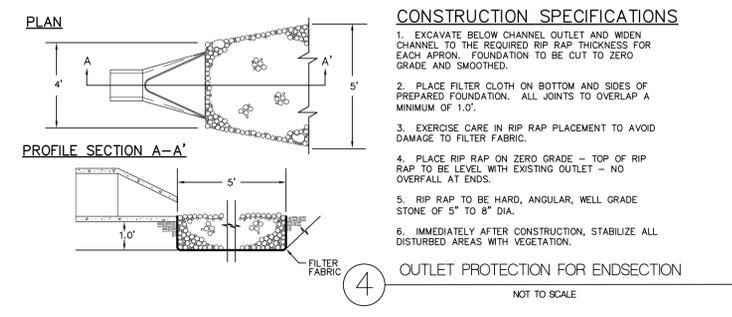


SILT FENCE CONSTRUCTION SPECIFICATIONS
 PER DNR CPS (1056)

- CONSTRUCTION SILT FENCE AROUND THE DISTURBED AREAS AS SHOWN ON EROSION CONTROL PLAN, TO PREVENT SEDIMENT FROM BEING WASHED INTO THE DRAINAGE SYSTEM
- LOCATE POSTS PER DNR CPS (1056)
- WHEN JOINTS ARE NECESSARY REFER TO DNR CPS (1056)
- FILTER FABRIC TO BE OF NYLON, POLYESTER, PROPYLENE OR ETHYLENE YARN WITH EXTRA STRENGTH - 50 LB./LIN. IN. (MIN.) - AND WITH A FLOW RATE OF AT LEAST 0.3 GAL./SQ. FT./MIN. FABRIC SHOULD CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS.
- THE FILTER FABRIC SHALL BE ANCHORED BY SPREADING AT LEAST 8 INCHES OF FABRIC IN A 4" X 6" TRENCH
- THE FILTER FABRIC SHALL BE STAPLED AND/OR NAILED TO THE UPSLOPE SIDE OF THE POSTS.
- POST TO BE 1 1/8" X 1 1/8" HICKORY OR OAK, 3 FEET LONG, SPACED A MAXIMUM OF 3 FEET APART.
- USE WIRE REINFORCEMENT IN UNSTABILIZED MINOR SWALES, DITCHES AND DIVERSIONS.
- USE WSDOT APPROVED SILT FENCE

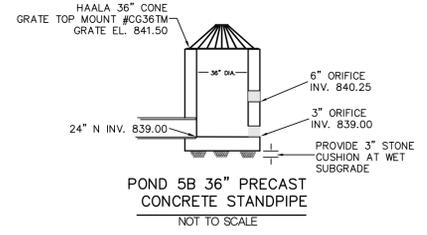
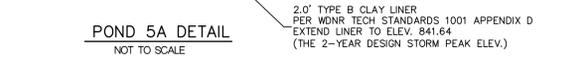
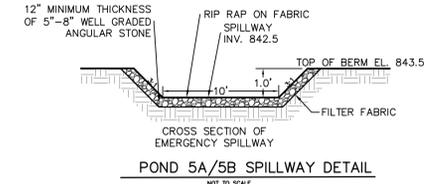
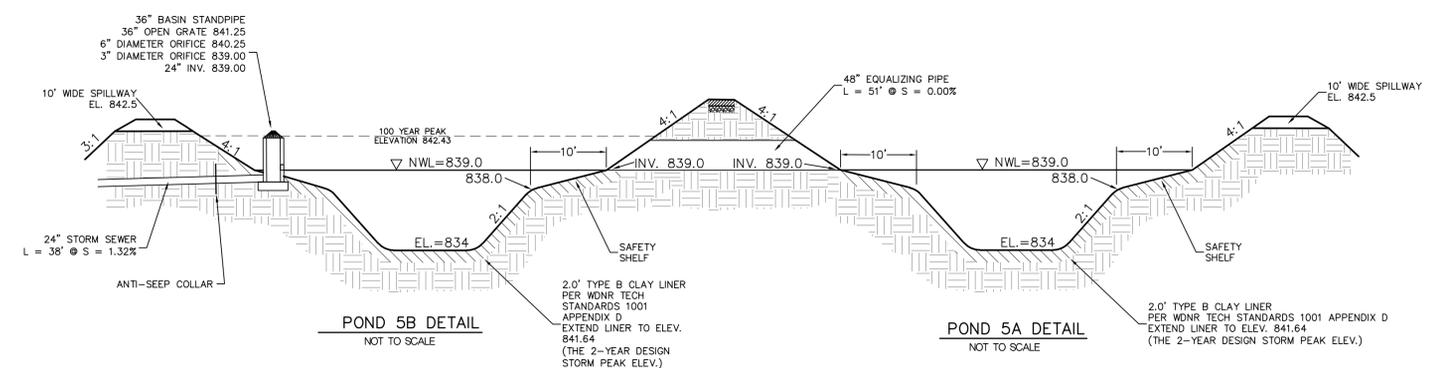
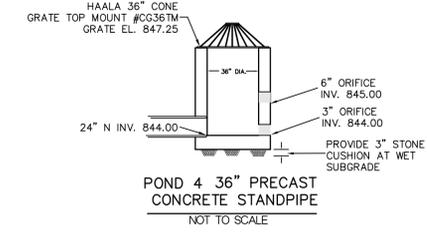
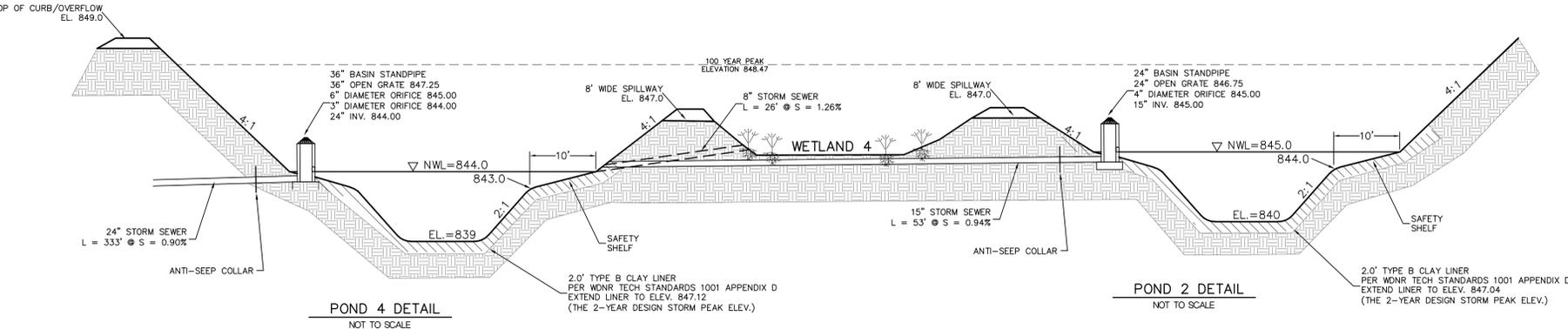
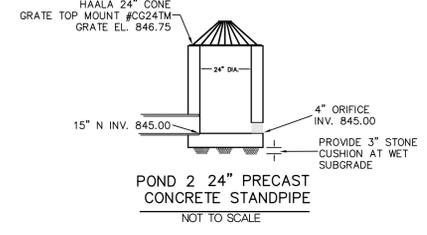
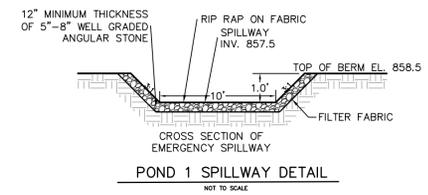
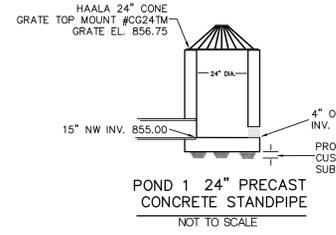
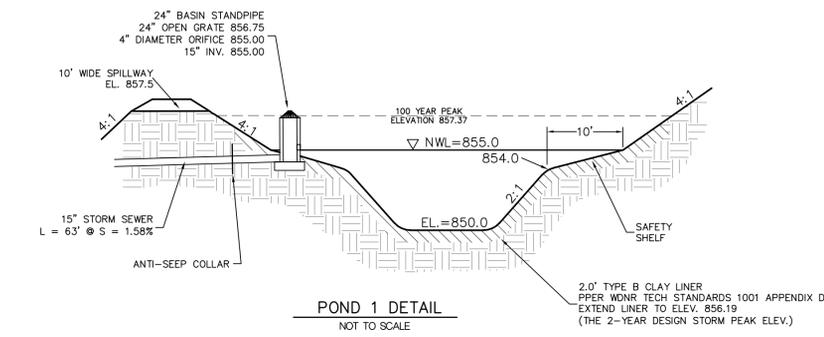
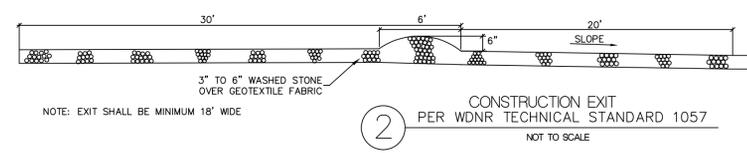


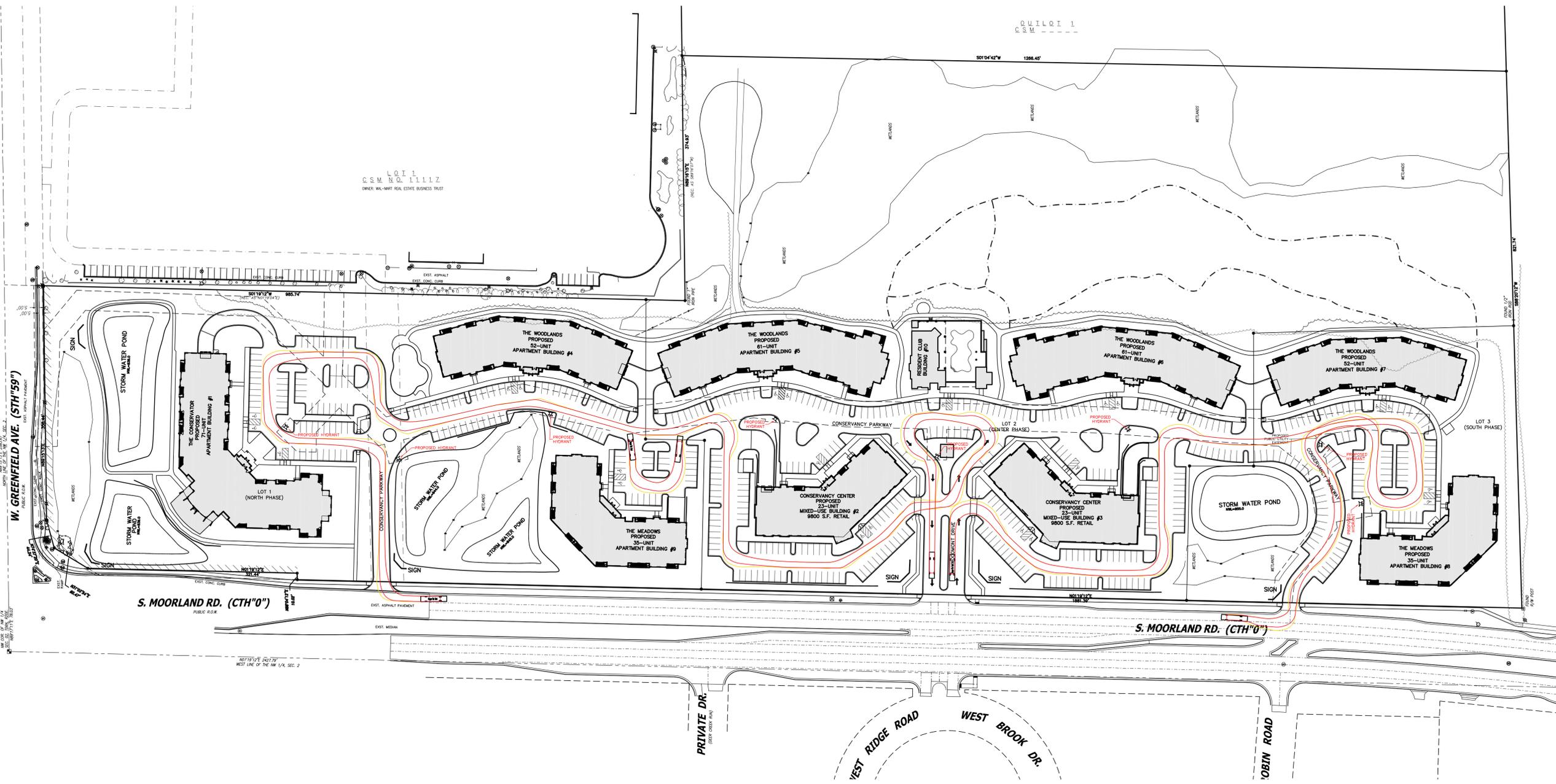
INLET PROTECTION, TYPE D-M
 PER WDR TECHNICAL STANDARD 1060
 NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

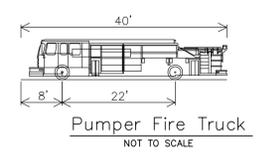
- EXCAVATE BELOW CHANNEL OUTLET AND WIDEN CHANNEL TO THE REQUIRED RIP RAP THICKNESS FOR EACH APRON. FOUNDATION TO BE CUT TO ZERO GRADE AND SMOOTHED.
- PLACE FILTER CLOTH ON BOTTOM AND SIDES OF PREPARED FOUNDATION. ALL JOINTS TO OVERLAP A MINIMUM OF 1.0'.
- EXERCISE CARE IN RIP RAP PLACEMENT TO AVOID DAMAGE TO FILTER FABRIC.
- PLACE RIP RAP ON ZERO GRADE - TOP OF RIP RAP TO BE LEVEL WITH EXISTING OUTLET - NO OVERFALL AT ENDS.
- RIP RAP TO BE HARD, ANGULAR, WELL GRADE STONE OF 5" TO 8" DIA.
- IMMEDIATELY AFTER CONSTRUCTION, STABILIZE ALL DISTURBED AREAS WITH VEGETATION.



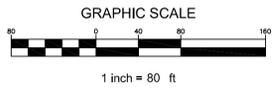


THE CONSERVANCY
 S MOORLAND RD. AND W GREENFIELD AVE. NEW BERLIN, WISCONSIN

LEGEND	
	CHASSIS PATH
	VEHICLE BODY OVERHANG



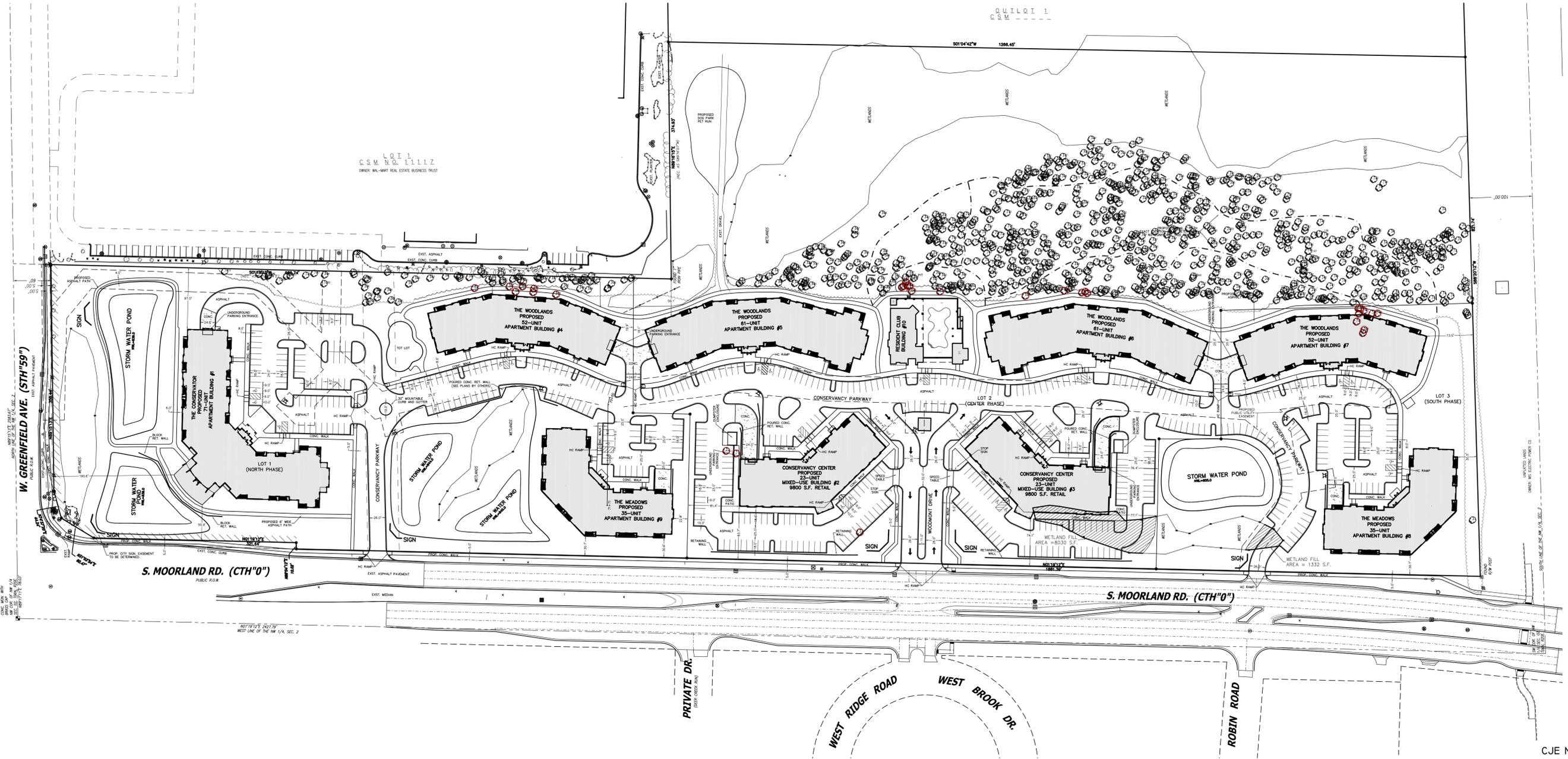
Overall Length	40.000ft
Overall Width	8.167ft
Overall Body Height	7.745ft
Min Body Ground Clearance	0.656ft
Track Width	16.7ft
Lock-to-lock time	0.00s
Max Wheel Angle	45.00°



**FIRE DEPARTMENT
 ACCESS PLAN**

CJE NO.: 2434R6
 AUGUST 23, 2024
 REV: 01/08/25
 REV: 03/21/25
 REV: 06/06/25

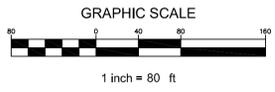
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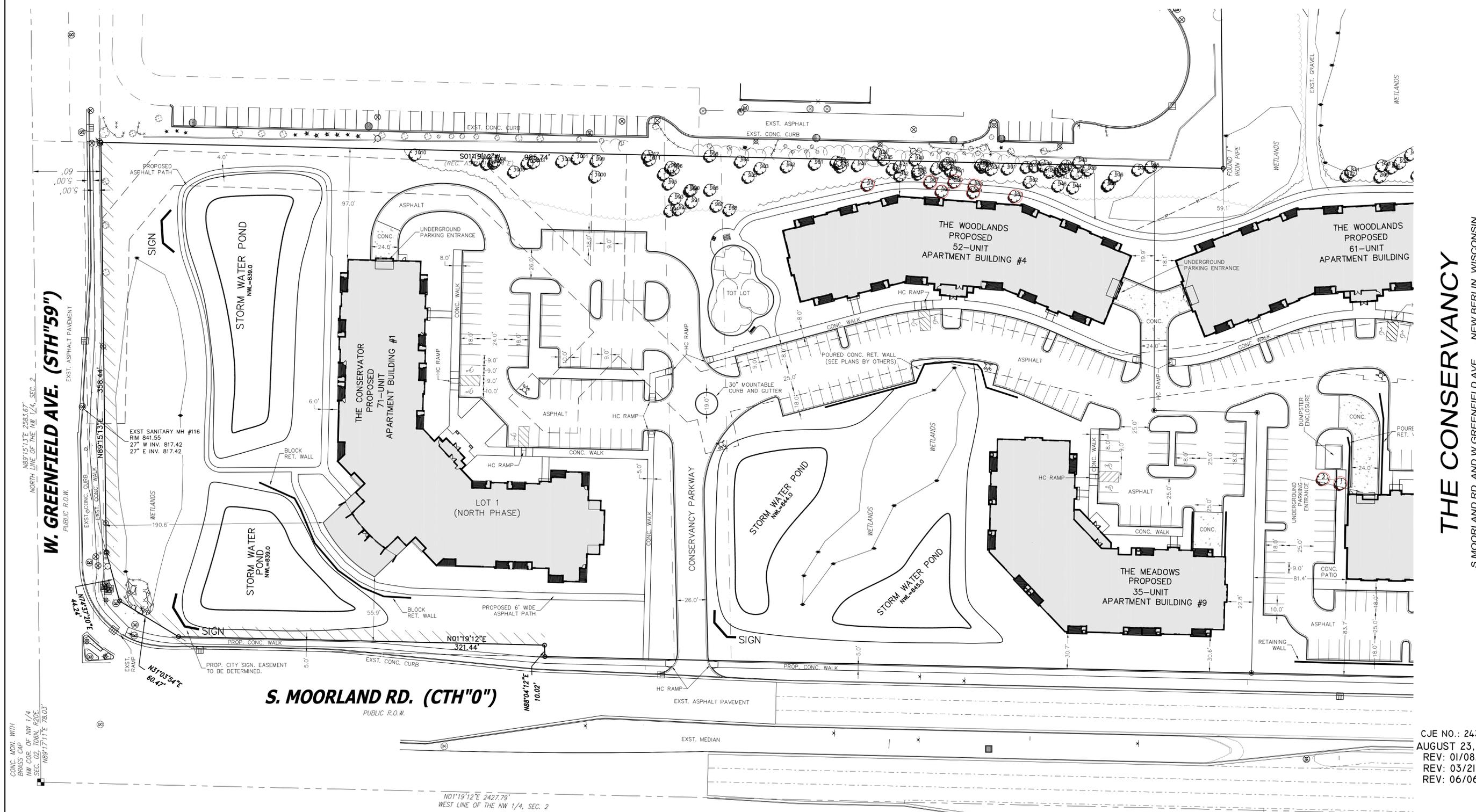
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NOTES:
 THE FOLLOWING TREES ARE TO BE REMOVED: 1, 2, 3, 163, 164, 165, 167, 168,
 169, 170, 171, 172, 540, 541, 542, 665, 677, 798, 845, 846, 847, 848, 849, 850,
 953, 958, 959, 960, 966, 967, 977
 ○ = TREE TO BE REMOVED

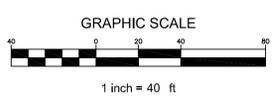


**EXISTING TREE
 OVERLAY EXHIBIT**



THE CONSERVANCY
 S MOORLAND RD. AND W GREENFIELD AVE. NEW BERLIN, WISCONSIN

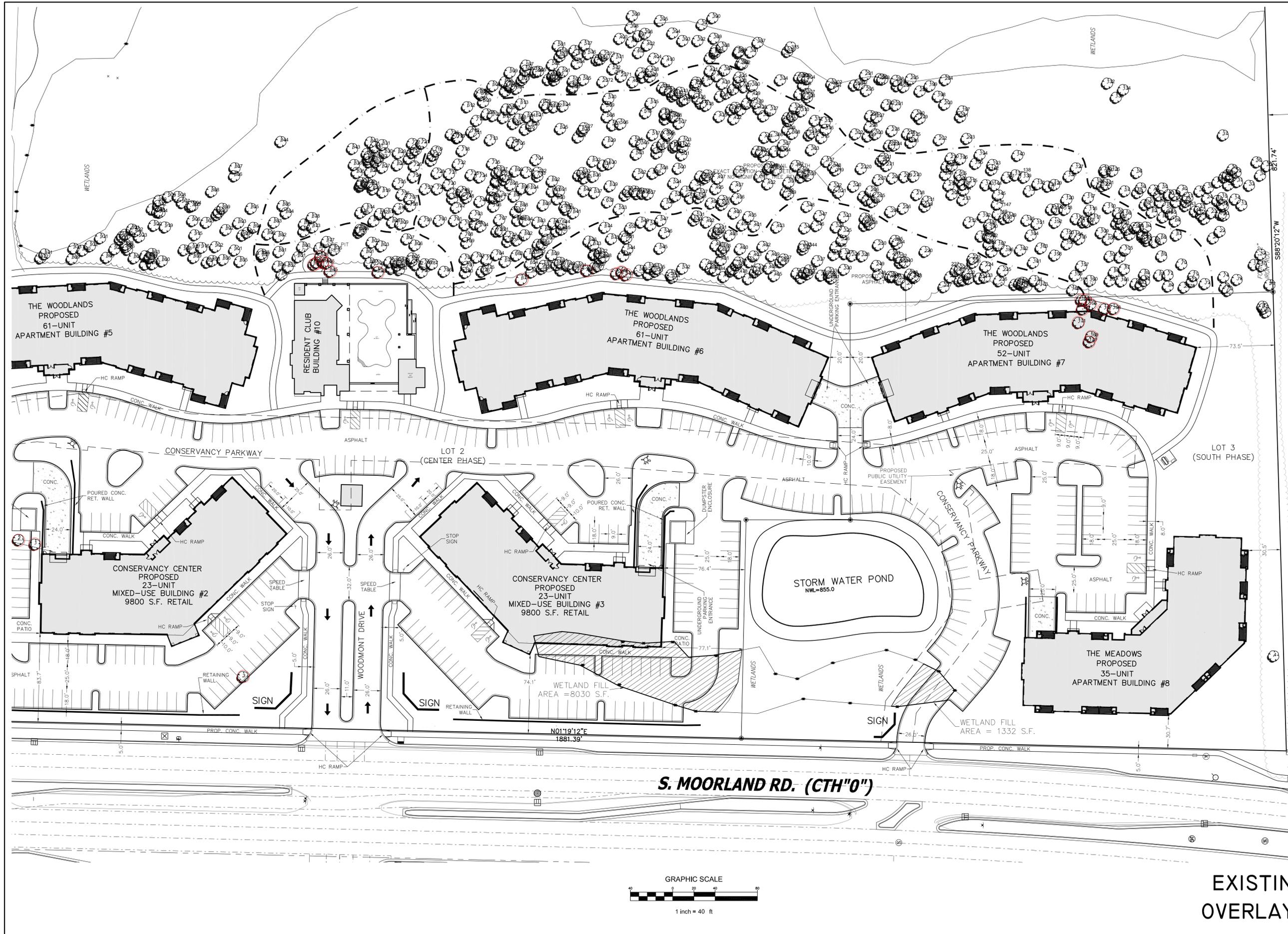
CJE NO.: 2434R6
 AUGUST 23, 2024
 REV: 01/08/25
 REV: 03/21/25
 REV: 06/06/25



**EXISTING TREE
 OVERLAY EXHIBIT**

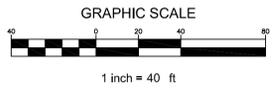
W. GREENFIELD AVE. (STH"59")
 PUBLIC R.O.W.

S. MOORLAND RD. (CTH"0")
 PUBLIC R.O.W.



THE CONSERVANCY
 S MOORLAND RD. AND W GREENFIELD AVE. NEW BERLIN, WISCONSIN

CJE NO.: 2434R6
 AUGUST 23, 2024
 REV: 01/08/25
 REV: 03/21/25
 REV: 06/06/25



**EXISTING TREE
 OVERLAY EXHIBIT**

Tree Number	Tree Species	Diameter	Free Condition	Single / Multi-Stem	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013
1	Quercus - Oak	4	Good	Single Stem	151	Quercus - Oak	15	Good	Single Stem	292	Acer - Maple	7	Good	Single Stem	437	Quercus - Oak	14	Good	Single Stem	576	Quercus - Oak	14	Good	Single Stem	720	Quercus - Oak	5	Good	Single Stem	867	Quercus - Oak	20	Fair	Multi-Stem	1009	Quercus - Oak	15	Good	Single Stem	1151	Quercus - Oak	11	Good	Single Stem	1297	Quercus - Oak	11	Good	Single Stem	1443	Quercus - Oak	11	Good	Single Stem	1589	Quercus - Oak	11	Good	Single Stem	1735	Quercus - Oak	11	Good	Single Stem	1881	Quercus - Oak	11	Good	Single Stem	2027	Quercus - Oak	11	Good	Single Stem	2173	Quercus - Oak	11	Good	Single Stem	2319	Quercus - Oak	11	Good	Single Stem	2465	Quercus - Oak	11	Good	Single Stem	2611	Quercus - Oak	11	Good	Single Stem	2757	Quercus - Oak	11	Good	Single Stem	2903	Quercus - Oak	11	Good	Single Stem	3049	Quercus - Oak	11	Good	Single Stem	3195	Quercus - Oak	11	Good	Single Stem	3341	Quercus - Oak	11	Good	Single Stem	3487	Quercus - Oak	11	Good	Single Stem	3633	Quercus - Oak	11	Good	Single Stem	3779	Quercus - Oak	11	Good	Single Stem	3925	Quercus - Oak	11	Good	Single Stem	4071	Quercus - Oak	11	Good	Single Stem	4217	Quercus - Oak	11	Good	Single Stem	4363	Quercus - Oak	11	Good	Single Stem	4509	Quercus - Oak	11	Good	Single Stem	4655	Quercus - Oak	11	Good	Single Stem	4801	Quercus - Oak	11	Good	Single Stem	4947	Quercus - Oak	11	Good	Single Stem	5093	Quercus - Oak	11	Good	Single Stem	5239	Quercus - Oak	11	Good	Single Stem	5385	Quercus - Oak	11	Good	Single Stem	5531	Quercus - Oak	11	Good	Single Stem	5677	Quercus - Oak	11	Good	Single Stem	5823	Quercus - Oak	11	Good	Single Stem	5969	Quercus - Oak	11	Good	Single Stem	6115	Quercus - Oak	11	Good	Single Stem	6261	Quercus - Oak	11	Good	Single Stem	6407	Quercus - Oak	11	Good	Single Stem	6553	Quercus - Oak	11	Good	Single Stem	6699	Quercus - Oak	11	Good	Single Stem	6845	Quercus - Oak	11	Good	Single Stem	6991	Quercus - Oak	11	Good	Single Stem	7137	Quercus - Oak	11	Good	Single Stem	7283	Quercus - Oak	11	Good	Single Stem	7429	Quercus - Oak	11	Good	Single Stem	7575	Quercus - Oak	11	Good	Single Stem	7721	Quercus - Oak	11	Good	Single Stem	7867	Quercus - Oak	11	Good	Single Stem	8013	Quercus - Oak	11	Good	Single Stem	8159	Quercus - Oak	11	Good	Single Stem	8305	Quercus - Oak	11	Good	Single Stem	8451	Quercus - Oak	11	Good	Single Stem	8597	Quercus - Oak	11	Good	Single Stem	8743	Quercus - Oak	11	Good	Single Stem	8889	Quercus - Oak	11	Good	Single Stem	9035	Quercus - Oak	11	Good	Single Stem	9181	Quercus - Oak	11	Good	Single Stem	9327	Quercus - Oak	11	Good	Single Stem	9473	Quercus - Oak	11	Good	Single Stem	9619	Quercus - Oak	11	Good	Single Stem	9765	Quercus - Oak	11	Good	Single Stem	9911	Quercus - Oak	11	Good	Single Stem	10057	Quercus - Oak	11	Good	Single Stem	10203	Quercus - Oak	11	Good	Single Stem	10349	Quercus - Oak	11	Good	Single Stem	10495	Quercus - Oak	11	Good	Single Stem	10641	Quercus - Oak	11	Good	Single Stem	10787	Quercus - Oak	11	Good	Single Stem	10933	Quercus - Oak	11	Good	Single Stem	11079	Quercus - Oak	11	Good	Single Stem	11225	Quercus - Oak	11	Good	Single Stem	11371	Quercus - Oak	11	Good	Single Stem	11517	Quercus - Oak	11	Good	Single Stem	11663	Quercus - Oak	11	Good	Single Stem	11809	Quercus - Oak	11	Good	Single Stem	11955	Quercus - Oak	11	Good	Single Stem	12101	Quercus - Oak	11	Good	Single Stem	12247	Quercus - Oak	11	Good	Single Stem	12393	Quercus - Oak	11	Good	Single Stem	12539	Quercus - Oak	11	Good	Single Stem	12685	Quercus - Oak	11	Good	Single Stem	12831	Quercus - Oak	11	Good	Single Stem	12977	Quercus - Oak	11	Good	Single Stem	13123	Quercus - Oak	11	Good	Single Stem	13269	Quercus - Oak	11	Good	Single Stem	13415	Quercus - Oak	11	Good	Single Stem	13561	Quercus - Oak	11	Good	Single Stem	13707	Quercus - Oak	11	Good	Single Stem	13853	Quercus - Oak	11	Good	Single Stem	14000	Quercus - Oak	11	Good	Single Stem	14146	Quercus - Oak	11	Good	Single Stem	14292	Quercus - Oak	11	Good	Single Stem	14438	Quercus - Oak	11	Good	Single Stem	14584	Quercus - Oak	11	Good	Single Stem	14730	Quercus - Oak	11	Good	Single Stem	14876	Quercus - Oak	11	Good	Single Stem	15022	Quercus - Oak	11	Good	Single Stem	15168	Quercus - Oak	11	Good	Single Stem	15314	Quercus - Oak	11	Good	Single Stem	15460	Quercus - Oak	11	Good	Single Stem	15606	Quercus - Oak	11	Good	Single Stem	15752	Quercus - Oak	11	Good	Single Stem	15898	Quercus - Oak	11	Good																																																																																																																																																																																																																																																																																																																																									