

GENERAL NOTES

1. THE LATEST EDITIONS OF THE FOLLOWING DOCUMENTS AND ANY SUPPLEMENTS THERETO, SHALL GOVERN ALL CONSTRUCTION ITEMS ON THIS PLAN UNLESS OTHERWISE NOTED.
 -STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, 6TH EDITION (SSSWCW)
 -THE WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION
 -WDR STORMWATER RUNOFF TECHNICAL STANDARDS.
 -WISDOT PAL APPROVED EROSION CONTROL MEASURES LIST, LATEST EDITION.
 -CITY OF NEW BERLIN STANDARDS & REQUIREMENTS FOR DEVELOPMENT, LATEST EDITION.
2. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO MINIMIZE EROSION, WATER POLLUTION AND SILTATION CAUSED BY CONSTRUCTION OF THIS PROJECT. EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS.
3. EROSION CONTROL PLAN: THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY IMPLEMENTING ALL EROSION CONTROL MEASURES AS ILLUSTRATED ON THE APPROVED PLAN. THE VILLAGE ENGINEER RESERVES THE RIGHT TO REQUIRE ANY ADDITIONAL EROSION CONTROL MEASURES AS DEEMED NECESSARY DURING THE COURSE OF CONSTRUCTION.
4. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY FLOOR, CURB OR PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
5. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION (CALL DIGGERS HOTLINE AT 800-242-8511). COST OF REPLACEMENT OR REPAIR OF EXISTING UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
6. EXISTING UTILITY INFORMATION IS SHOWN FROM SURVEY WORK, FIELD OBSERVATIONS, AVAILABLE PUBLIC RECORDS, AND AS-BUILT DRAWINGS. EXACT LOCATIONS AND ELEVATIONS OF UTILITIES SHALL BE DETERMINED PRIOR TO INSTALLING NEW WORK. EXCAVATE TEST PITS AS REQUIRED.
7. PROPERTY CORNERS SHALL BE CAREFULLY PROTECTED UNTIL THEY HAVE BEEN REFERENCED BY A PROFESSIONAL LAND SURVEYOR. PROPERTY MONUMENTS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
8. ENGINEER SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF PERFORMING ANY CONSTRUCTION.
9. ALL TRENCHING SHALL BE PERFORMED ACCORDING TO OSHA STANDARDS.
10. ALL ITEMS SHALL INCLUDE ALL THE NECESSARY MATERIALS AND LABOR TO COMPLETE THE ITEM IN PLACE.
11. THE CONTRACTOR SHALL CLEAN ALL ADJACENT STREETS OF ANY SEDIMENT OR DEBRIS DAILY (OR AS ORDERED BY ENGINEER) AS REQUIRED BY MUNICIPAL ORDINANCE.
12. ACCESS TO THE WORK AREA SHALL COME FROM THE ADJACENT PRIVATE LANDS AND NOT THE PAVEMENTS OR SHOULDERS OF THE HIGHWAY (I-43).
13. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AND ADVANCE WARNING SIGNAGE ALONG S. MOORLAND RD., S. WESTRIDGE DR. & W. SMALL RD. DURING TRUCKING OPERATIONS AND PAVING, GRADING, & UTILITY WORK ALONG & WITHIN PUBLIC RIGHT-OF-WAY. THIS PLAN SHALL BE APPROVED BY THE CITY OF NEW BERLIN. TRAFFIC CONTROL MUST BE IN ACCORDANCE WITH M.U.T.C.D. STANDARDS.

NEW JOURNEY PRELIMINARY DEVELOPMENT PLANS

CITY OF NEW BERLIN, WISCONSIN



SITE VICINITY MAP
NOT TO SCALE



AERIAL SITE PHOTO
NOT TO SCALE

SHEET INDEX

CIVIL	
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C3.0	- EROSION CONTROL PLAN
C4.0	- UTILITY PLAN
C5.0-5.1	- CONSTRUCTION NOTES & DETAILS



19035 W CAPITOL DR., SUITE 200
BROOKFIELD, WI 53045
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FAX: (262) 790-1481
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PROJECT:
NEW JOURNEY
5295 S MOORLAND ROAD (CTH 0)
CITY OF NEW BERLIN, WI
PREPARED FOR:
MILWAUKEE RESCUE MISSION
890 N. 19th ST.
MILWAUKEE, WI 53233

REVISION HISTORY

DATE	DESCRIPTION
10/24/2025	PRELIMINARY PLANS

DATE:
OCTOBER 24, 2025

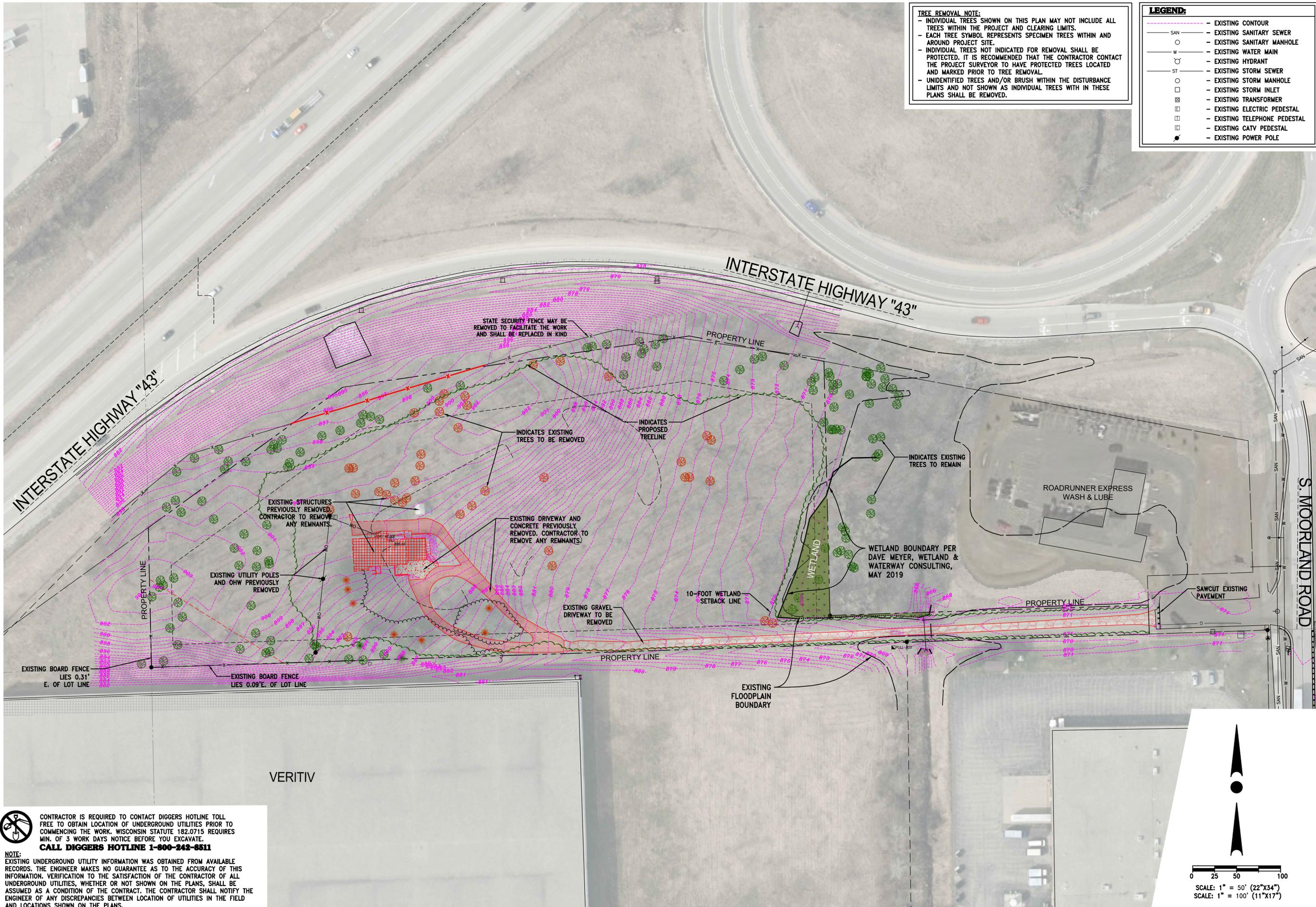
JOB NUMBER:
19018

DESCRIPTION:
COVER SHEET

SHEET

T1

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TREE REMOVAL NOTE:

- INDIVIDUAL TREES SHOWN ON THIS PLAN MAY NOT INCLUDE ALL TREES WITHIN THE PROJECT AND CLEARING LIMITS.
- EACH TREE SYMBOL REPRESENTS SPECIMEN TREES WITHIN AND AROUND PROJECT SITE.
- INDIVIDUAL TREES NOT INDICATED FOR REMOVAL SHALL BE PROTECTED. IT IS RECOMMENDED THAT THE CONTRACTOR CONTACT THE PROJECT SURVEYOR TO HAVE PROTECTED TREES LOCATED AND MARKED PRIOR TO TREE REMOVAL.
- UNIDENTIFIED TREES AND/OR BRUSH WITHIN THE DISTURBANCE LIMITS AND NOT SHOWN AS INDIVIDUAL TREES WITH IN THESE PLANS SHALL BE REMOVED.

LEGEND:

---	EXISTING CONTOUR
SAN	EXISTING SANITARY SEWER
○	EXISTING SANITARY MANHOLE
W	EXISTING WATER MAIN
⊕	EXISTING HYDRANT
ST	EXISTING STORM SEWER
○	EXISTING STORM MANHOLE
○	EXISTING STORM INLET
⊠	EXISTING TRANSFORMER
⊠	EXISTING ELECTRIC PEDESTAL
⊠	EXISTING TELEPHONE PEDESTAL
⊠	EXISTING CATV PEDESTAL
⊠	EXISTING POWER POLE



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PROJECT:
NEW JOURNEY
 5295 S MOORLAND ROAD (CTH O)
 CITY OF NEW BERLIN, WI
PREPARED FOR:
 MILWAUKEE RESCUE MISSION
 830 N. 19TH ST.
 MILWAUKEE, WI 53293

REVISION HISTORY

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10/24/2025	PRELIMINARY PLANS

DATE:
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JOB NUMBER:
 19018

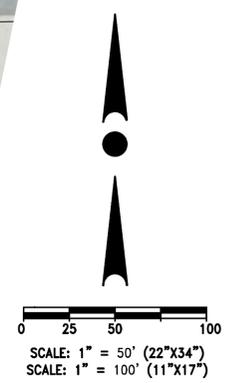
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 EXISTING
 SITE PLAN

SHEET

C1.0

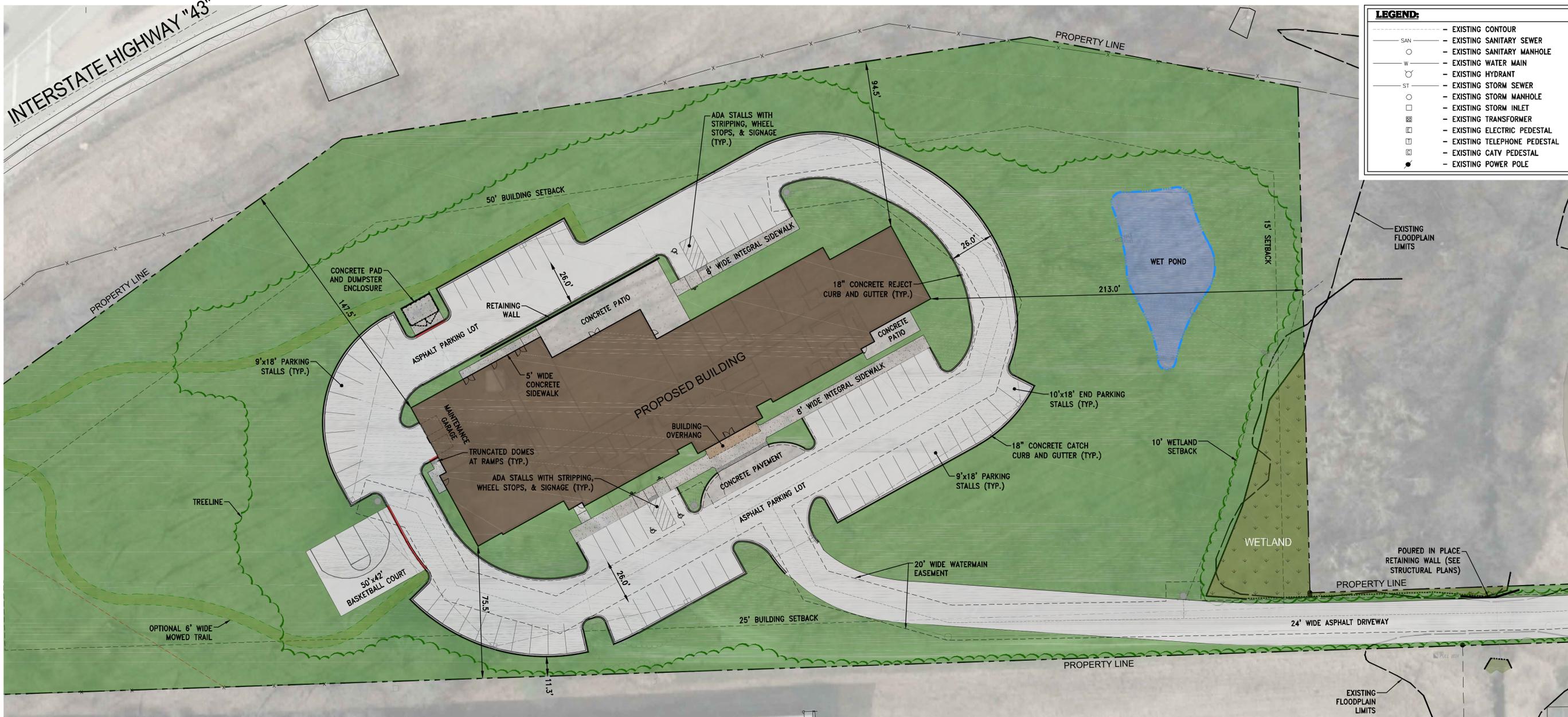
CONTRACTOR IS REQUIRED TO CONTACT DIGGERS HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.
CALL DIGGERS HOTLINE 1-800-242-8511

NOTE:
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INTERSTATE HIGHWAY "43"



LEGEND:

- - - - - EXISTING CONTOUR
- - - - - EXISTING SANITARY SEWER
- - - - - EXISTING SANITARY MANHOLE
- W - - - - EXISTING WATER MAIN
- - - - - EXISTING HYDRANT
- ST - - - - EXISTING STORM SEWER
- - - - - EXISTING STORM MANHOLE
- - - - - EXISTING STORM INLET
- - - - - EXISTING TRANSFORMER
- - - - - EXISTING ELECTRIC PEDESTAL
- - - - - EXISTING TELEPHONE PEDESTAL
- - - - - EXISTING CATV PEDESTAL
- ⚡ - - - - EXISTING POWER POLE



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PROJECT:
NEW JOURNEY
5285 S MOORLAND ROAD (CTH O)
CITY OF NEW BERLIN, WI
PREPARED FOR:
MILWAUKEE RESCUE MISSION
830 N. 19th ST.
MILWAUKEE, WI 53233

REVISION HISTORY

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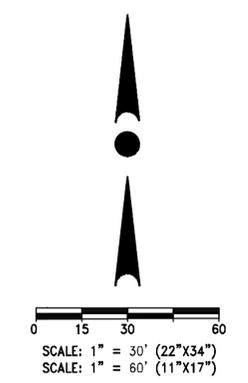
DATE:
OCTOBER 24, 2025

JOB NUMBER:
19018

DESCRIPTION:
DEVELOPMENT PLAN

SHEET

C1.1



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SITE DATA

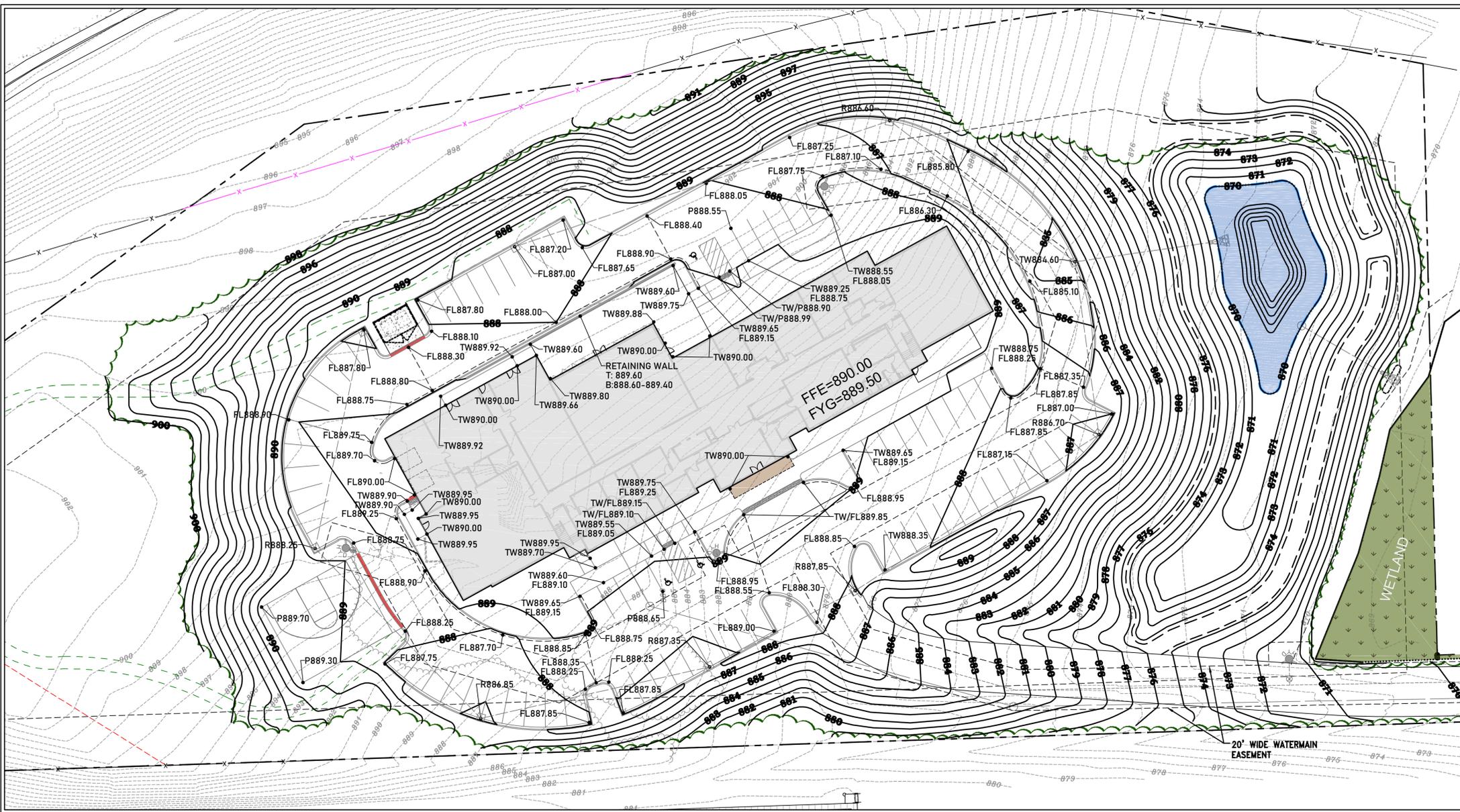
TOTAL LOT AREA:	247,672 S.F. (5.686 Ac)
ZONING:	M-1
FRONT SETBACK:	50'
REAR SETBACK:	15'
SIDE SETBACK:	25'
WETLAND SETBACK:	10'
OHWM SETBACK:	50'
PARKING SETBACK:	10'
EXISTING IMPERVIOUS AREA:	16,503 S.F. (0.379Ac)
BUILDING	2580 S.F. (0.059Ac)
PAVEMENT/GRAVEL	13,923 S.F. (0.320Ac)
EXISTING PERVIOUS AREA:	231,169 S.F. (5.307Ac)
PROPOSED IMPERVIOUS AREA:	84,807 S.F. (1.912Ac)
BUILDING	21,659 S.F. (0.497Ac)
PAVEMENT/GRAVEL	63,148 S.F. (1.431Ac)
PROPOSED PERVIOUS AREA:	162,865 S.F. (3.739Ac)
PARKING DATA:	
PROPOSED STALLS:	75 STALLS
ADA STALLS:	3 STALLS PROVIDED 3 STALLS REQUIRED

EXISTING BUILDING

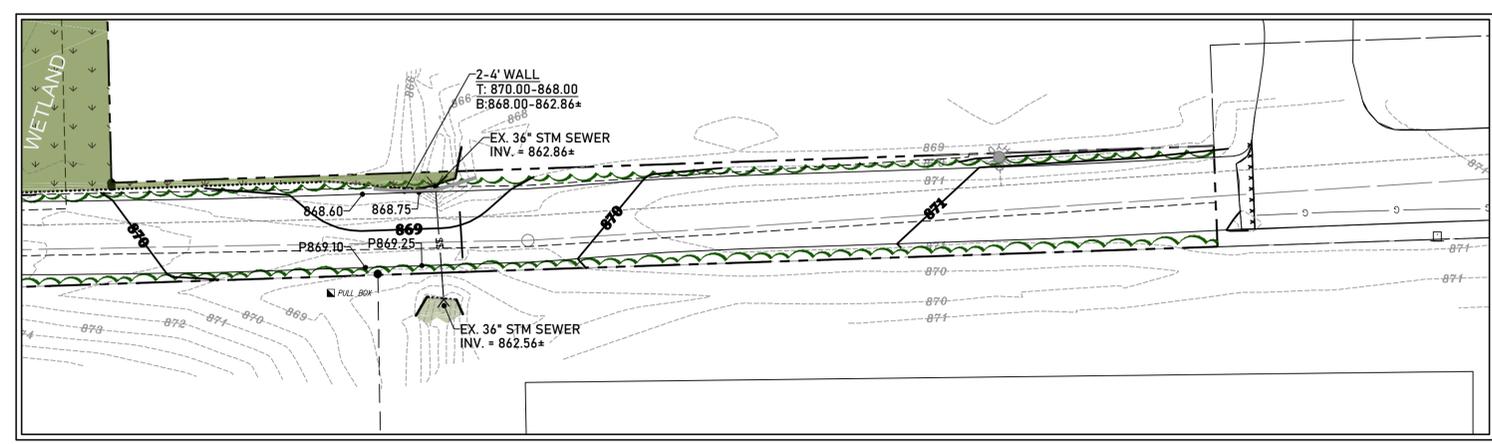
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MAIN BUILDING GRADING



DRIVEWAY GRADING

***AMERICANS WITH DISABILITIES ACT* (ADA) MINIMAL REQUIREMENTS:**

1. GENERAL CONTRACTOR TO BECOME FAMILIAR WITH AND APPLY THE ADA MINIMAL REQUIREMENTS AND REPORT TO ENGINEER ANY DISCREPANCIES BEFORE CONSTRUCTION.
2. THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE PER CODE IS 36".
3. ALL PROPOSED SIDEWALKS SHALL HAVE A MAXIMUM OF 2.0% CROSS SLOPE AND A MAXIMUM OF 5.0% RUNNING SLOPE.
4. THE GENERAL CONTRACTOR/CONTRACTOR SHALL MEASURE THE SUBGRADE AND ACROSS FORMS PRIOR TO INSTALLATION OF ASPHALT OR CONCRETE IMPROVEMENTS TO ASSURE THE FINAL IMPROVEMENTS WILL MEET THESE MINIMAL ADA REQUIREMENTS. ANY DISCREPANCIES SHALL BE REPORTED TO THE CIVIL ENGINEER PRIOR TO INSTALLATION OF THE IMPROVEMENTS.

RAMPS

5. AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 1:20 (5.00%) IS A RAMP AND SHALL COMPLY WITH THE RAMP REQUIREMENTS.
6. AN ACCESSIBLE ROUTE MAY CROSS OPEN PAVEMENT OR FOLLOW A RAMP AS REQUIRED BY SITE-SPECIFIC CONDITIONS. THE RUNNING SLOPE OF AN ACCESSIBLE ROUTE ACROSS OPEN PAVEMENT MUST NOT EXCEED 1:20 (5.00%), WITH A CROSS SLOPE NOT EXCEEDING 1:50 (2.00%). SLOPES EXCEEDING 1:20 (5.00%), BUT LESS THAN 1:12 (8.33%), CONSTITUTE RAMPS AND MUST CONFORM TO THE REQUIREMENTS FOR RAMP DESIGN (HANDRAILS, CURBS, LANDINGS, RISE AND RUN LIMITS, ETC.) AS DETAILED ON THE CIVIL AND ARCHITECTURAL PLANS. NO RAMP SHALL HAVE A RUNNING SLOPE EXCEEDING 1:12 (8.33%), NOR HAVE A CROSS SLOPE EXCEEDING 1:50 (2.00%).

CURB RAMPS

7. A CURB RAMP SHALL BE PROVIDED WHEREVER AN ACCESSIBLE ROUTE CROSSES A CURB.
8. CURB RAMPS HAVE A MAXIMUM RISE OF 6", MAXIMUM SLOPE OF 1:12 (8.33%) AND DO NOT REQUIRE HANDRAILS.
9. IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS, OR GUARDRAILS, IT SHALL HAVE FLARED SIDES; THE MAXIMUM SLOPE OF THE FLARE SHALL BE 1:10 (10.00%).

LEGEND:

- - - - - EXISTING CONTOUR
- - - - - 905 - - - - - PROPOSED CONTOUR
- 812.80 / 798.9 - - - - - PROPOSED SPOT ELEVATION
- - - - - - PROPOSED FLOW ARROW
- FFE 900.0 - - - - - PROPOSED FINISHED FLOOR GRADE
- YG 895.0 - - - - - PROPOSED YARD GRADE

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PROJECT:
NEW JOURNEY
5295 S MOORLAND ROAD (CTH O)
CITY OF NEW BERLIN, WI
PREPARED FOR:
MILWAUKEE RESCUE MISSION
830 N. 19TH ST.
MILWAUKEE, WI 53233

REVISION HISTORY

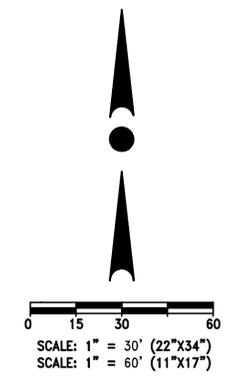
DATE	DESCRIPTION
10/24/2025	PRELIMINARY PLANS

DATE:
OCTOBER 24, 2025

JOB NUMBER:
19018

DESCRIPTION:
MASTER GRADING PLAN
SHEET

C2.0



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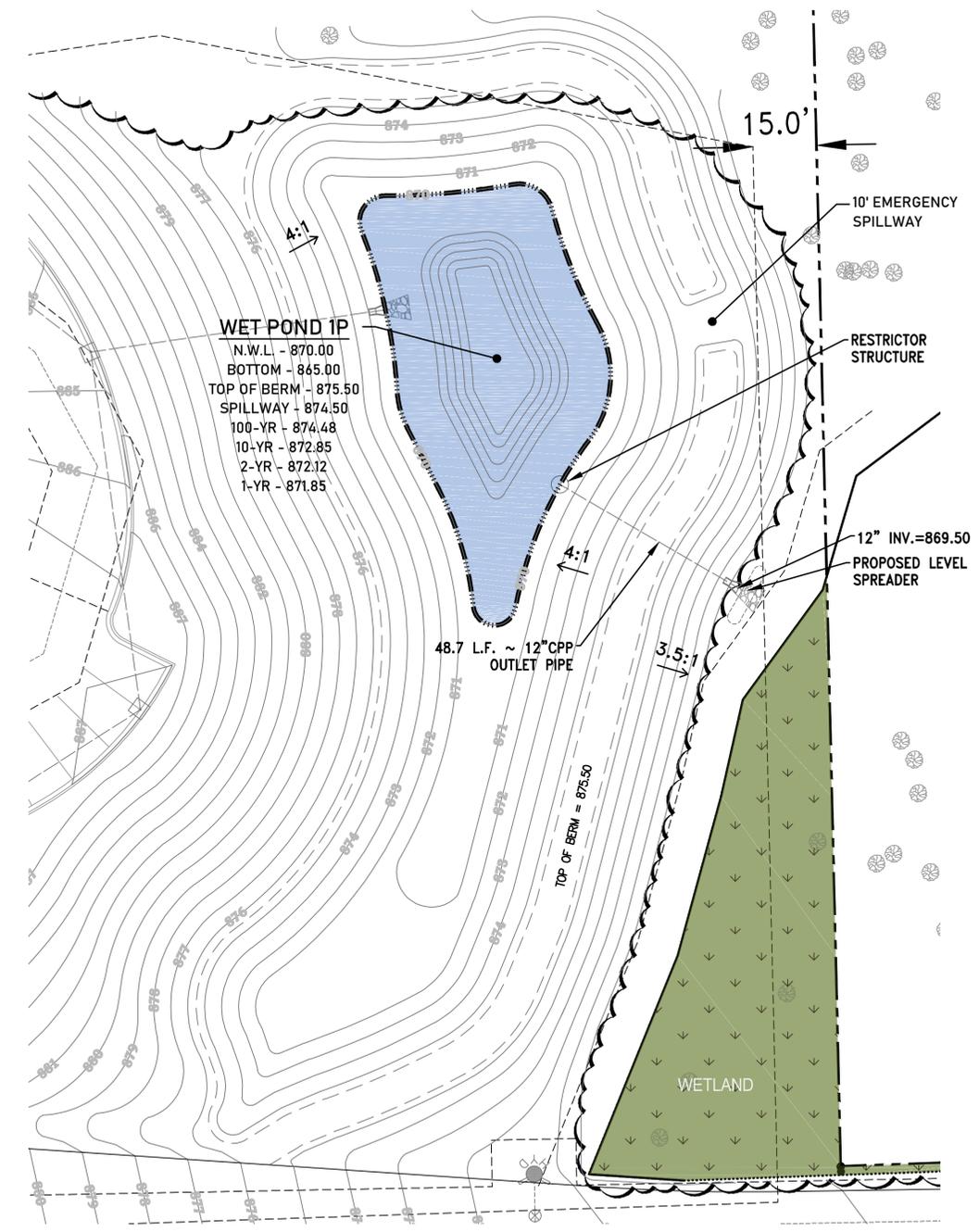
DATE:
OCTOBER 24, 2025

JOB NUMBER:
19018

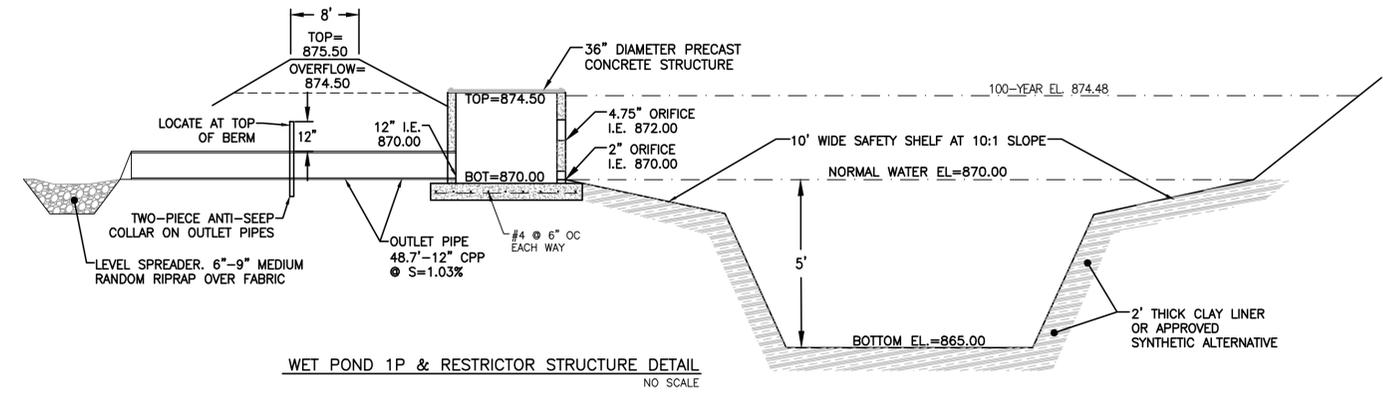
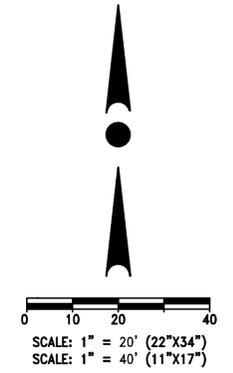
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POND PLAN

SHEET

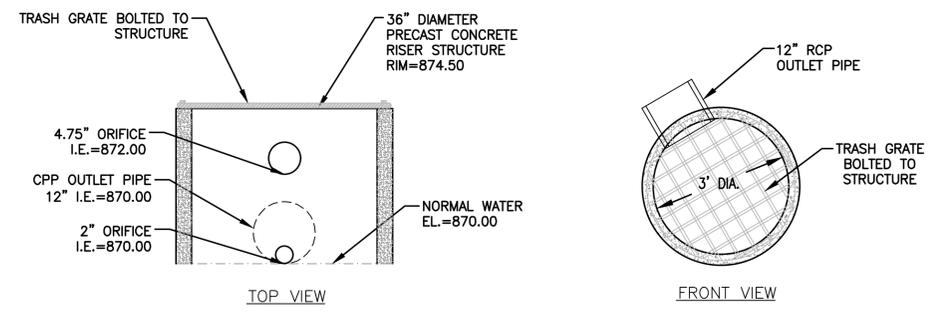
C2.3



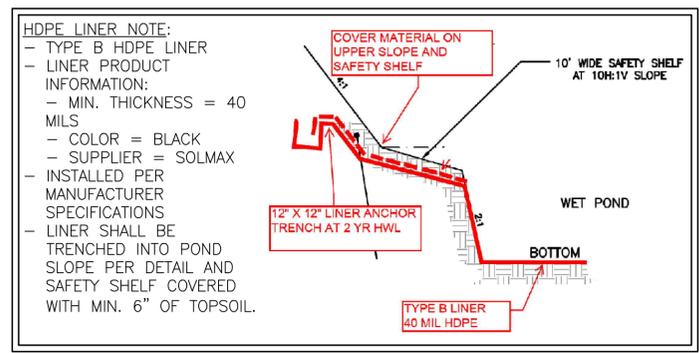
POND 1P PLAN VIEW



WET POND 1P & RESTRICTOR STRUCTURE DETAIL
NO SCALE



RESTRICTOR STRUCTURE DETAIL
NO SCALE



WET POND LINER OPTIONS:
A. 2" THICK CLAY LINER (REFER TO CLAY LINER NOTES)
B. BENTONITE GEOSYNTHETIC LINER
C. HDPE LINER (REFER HDPE LINER NOTES)

TWO-PIECE ANTI-SEEP COLLAR NOTES:
- ANTI-SEEP COLLAR MATERIAL SHALL MATCH OUTLET PIPE MATERIAL.
- ANTI-SEEP COLLARS SHALL BE 1/4" POLYETHYLENE SHEETS WITH COLLAR FOR PIPE; DIMENSIONS SHALL BE AS NOTED ON THE DETAIL.
- INSTALL ANTI-SEEP COLLARS PER MANUFACTURER SPECIFICATIONS.

CLAY LINER NOTE:
- 2" THICK CLAY LINER IN ACCORDANCE WITH WDNR TECH. STD. 1001 TYPE B, AND SOILS REPORT.
- CLAY LINER MATERIALS SHOULD BE COMPACTED TO A MINIMUM OF 90 TO 92% DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR (ASTM D1557).
- IF PREDOMINANTLY GRANULAR TEXTURE SOILS AND/OR GROUNDWATER INFLOW IS ENCOUNTERED AT OR BELOW THE BOTTOM ELEVATION OF THE POND, A "SACRIFICIAL" LIFT OF CLAYEY FILL MAY BE REQUIRED TO BE PLACED ALONG THE SIDEWALLS AND BASE PRIOR TO COMMENCING WITH ACTUAL LINER PLACEMENT/CONSTRUCTION TO AID IN ATTAINING A SATISFACTORILY COMPACTED LINER SECTION. THE PLACEMENT OF A "SACRIFICIAL" LAYER IS PARTICULARLY BENEFICIAL IN CREATING A STABLE SUBBASE IN THE EVENT SLIGHT GROUNDWATER SEEPAGE OCCURS.
- GEOTECHNICAL TESTING SHALL BE PERFORMED ON POTENTIAL CLAY LINER MATERIAL TO CONFIRM THAT SPECIFICATIONS ARE MET.

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TEMPORARY DEWATERING GEOTEXTILE BAG

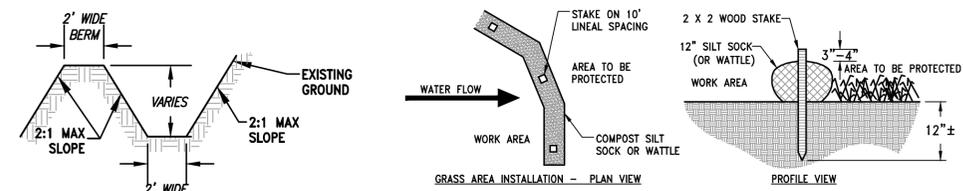
- IF DEWATERING IS REQUIRED, A GEOTEXTILE DEWATERING BAG MEETING THE SPECIFICATIONS IN THE TABLE TO THE RIGHT SHALL BE UTILIZED AS STATED ON THE EROSION CONTROL PLAN.
- REFER TO WDR TECHNICAL STANDARDS 1061 AND MANUFACTURERS REQUIREMENTS FOR INSTALLATION AND MAINTENANCE REQUIREMENTS.
- CONTRACTOR MAY USE THRACE-LINQ, INC 275EX GEOTEXTILE BAG, OR FUNCTIONAL EQUIVALENT TO MEET TECHNICAL STANDARD REQUIREMENTS.
- CONTRACTOR MAY INSTALL HAY BALES AROUND DEWATERING BAG FOR STABILIZATION AS DICTATED BY SITE CONDITIONS. MAX FLOW RATE SHALL NOT EXCEED 70GPM.
- GEOTEXTILE BAG SHALL BE LOCATED ON UNDISTURBED GROUND WITH ESTABLISHED VEGETATIVE COVER. DISCHARGES OF TREATED WATER FROM THE GEOTEXTILE FILTER BAG SHALL NOT FLOW OVER UNSTABILIZED GROUND.

Property	Test Method	Type I Value
Maximum Apparent Opening Sizes	ASTM D-4751	0.212 mm
Grab Tensile Strength	ASTM D-4632	200 lbs.
Mullen Burst	ASTM D-3786	350 psi
Permeability	ASTM D-4491	0.28 cm/sec
Fabric	Nominal Representative Weight	8 oz

STREET SWEEPING NOTE:
PUBLIC STREET SWEEPING SHALL OCCUR DAILY AND/OR AT VILLAGE ENGINEERS REQUEST.

WINTER STABILIZATION PROVISIONS:
IF FINAL SITE STABILIZATION OCCURS AFTER OCTOBER 15, CONTRACTOR SHALL UTILIZE ANIONIC POLYACRYLAMIDE AND TEMPORARY SEEDING, AS WELL AS, COORDINATE WITH VILLAGE ENGINEER FOR LATE SEASON STABILIZATION REQUIREMENTS.

WISCONSIN DEPARTMENT OF NATURAL RESOURCES, CONSERVATION PRACTICE STANDARD:
1052 - NON-CHANNEL EROSION MAT
1056 - SILT FENCE
1057 - STONE TRACKING PAD AND TIRE WASHING
1058 - MULCHING FOR CONSTRUCTION SITES
1059 - TEMPORARY SEEDING
1060 - STORM DRAIN INLET PROTECTION FOR CONST. SITES
1061 - DEWATERING
1063 - SEDIMENT TRAP

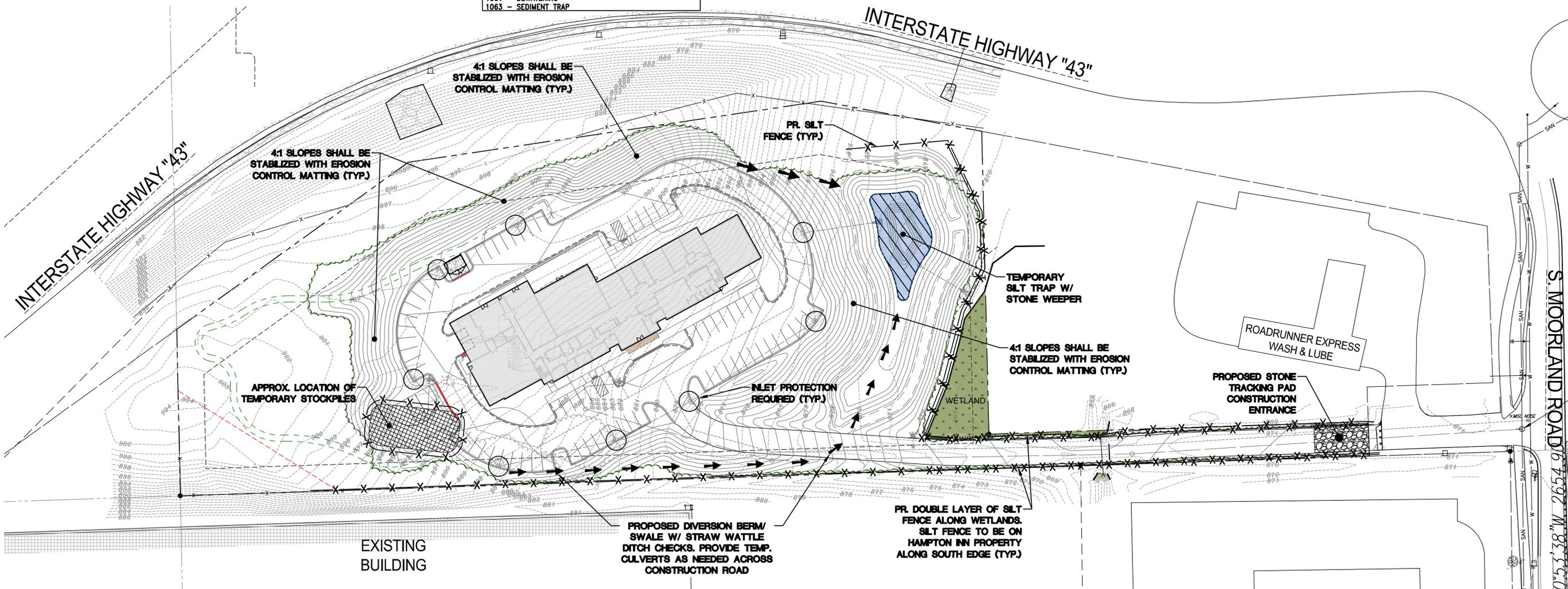


- NOTES:**
- TEMPORARY SEED/STABILIZE BERMS AND DITCHES IMMEDIATELY AS ANY SECTION IS COMPLETED PER WisDOT STD. SPEC.
 - REFER TO WISCONSIN DNR TECHNICAL STANDARD 1066 FOR ADDITIONAL INFORMATION.

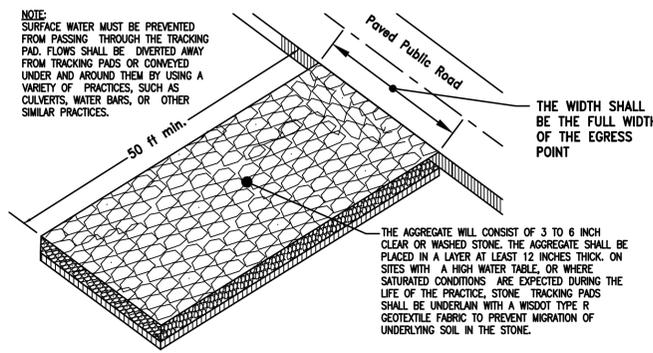
- NOTES:**
- ALL MATERIAL TO MEET MANUFACTURER'S SPECIFICATIONS
 - REFER TO MANUFACTURERS AND/OR SUPPLIERS. SPECIFICATIONS FOR INSTALLATION RECOMMENDATIONS.
 - ACTUAL LOCATION MAY BE FIELD ADJUSTED TO MINIMIZE DISTURBANCE TO EXISTING VEGETATION.

DIVERSION BERM/SWALE DETAIL

SILT SOCK/STRAW WATTLE INSTALLATION DETAIL
NO SCALE



- CONSTRUCTION SEQUENCE PLAN**
- INSTALL PERIMETER SILT FENCE, TRACKING PAD & TEMPORARY DIVERSION SWALES & CULVERT AT TRACKING PAD.
 - CLEAR AND GRUB EXISTING VEGETATION CONCURRENT WITH STEP 1.
 - CONSTRUCT SEDIMENT TRAPS. SEDIMENT TRAPS SHALL USE THE PROPOSED POND FOOTPRINTS. INSTALL OVERFLOW STONE WEEPERS PER PLAN (MAY OCCUR CONCURRENT WITH TOPSOIL STRIPPING AND INITIAL ROUGH GRADING).
 - STRIP TOPSOIL, STOCKPILE AND CREATE TEMPORARY DIVERSION BERM AS INDICATED TO DIRECT SITE RUNOFF TO THE SEDIMENT TRAPS.
 - TEMP SEED DIVERSION BERM AND TOPSOIL STOCKPILES AND INSTALL SILT FENCE AROUND PILES AS NOTED ON THIS PLAN.
 - ROUGH GRADE SITE. PROVIDE TEMPORARY SEED AND BLANKET FOR ALL EXPOSED SLOPES 4:1 OF GREATER. IF SITE STABILIZATION OCCURS AFTER OCTOBER 15, CONTRACTOR SHALL UTILIZE ANIONIC POLYACRYLAMIDE AND TEMPORARY SEEDING, AS WELL AS, COORDINATE WITH CITY ENGINEER FOR LATE SEASON STABILIZATION REQUIREMENTS.
 - INSTALL SANITARY SEWER, WATERMAIN AND STORM SEWER. NOTE THAT UTILITY INSTALLATION MAY COMMENCE CONCURRENT WITH SITE GRADING. ONCE STORM SEWER AND POND OUTFALL STRUCTURES HAVE BEEN INSTALLED, PROVIDE INLET PROTECTION AND REMOVE STONE WEEPER OUTLETS.
 - BUILDING CONSTRUCTION MAY COMMENCE AS ALLOWED BY CITY BUILDING PERMIT (NON-SEQUENTIAL). AS AREAS OF CONSTRUCTION ARE COMPLETED, THE DISTURBED AREAS SHALL BE BROUGHT TO FINAL GRADES AND FINAL STABILIZATION PRACTICES SHALL BE EMPLOYED.
 - FINISH GRADE SITE. REMOVE TEMPORARY DIVERSION SWALES AS THE SITE IS SHAPED TO DRAIN TO THE PROPOSED DRAINAGE SYSTEMS. RESPREAD TOPSOIL AND SEED, MULCH AND FERTILIZE OUTSIDE OF PAVEMENT AREAS UPON COMPLETION OF FINISH GRADING. INSTALL EROSION MATTING AS INDICATED ON PLAN AND AS NECESSARY TO STABILIZE SITE.
 - INSTALL NEW GAS/ELECTRIC/TELEPHONE UTILITIES PER PLANS BY OTHERS. (SCHEDULE TO BE DETERMINED BY OWNER)
 - INSTALL STONE BASE, SIDEWALK, CURB AND PAVEMENT FOR ENTRY DRIVE AND LOOP ROAD (WITH PARKING)
 - COMPLETE LANDSCAPING AND FINAL STABILIZATION AROUND BUILDINGS CONCURRENT WITH EACH INDIVIDUAL BUILDING CONSTRUCTION.
 - REMOVE ALL SEDIMENT FROM TEMPORARY SEDIMENT TRAPS. IF UNDERGROUND CHAMBER IS USED, REMOVE ALL SEDIMENT.
 - REMOVE PERIMETER SILT FENCE AND CLOSE OUT CONSTRUCTION SITE PERMITS ONCE THE SITE IS SUBSTANTIALLY VEGETATED (>70% GROUND COVER).



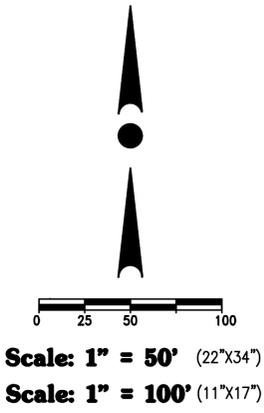
CONSTRUCTION ENTRANCE DETAIL
NO SCALE

CONTRACTOR IS REQUIRED TO CONTACT DIGGERS HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE. CALL DIGGERS HOTLINE 1-800-242-8511

NOTE: EXISTING UNDERGROUND UTILITY INFORMATION WAS OBTAINED FROM AVAILABLE RECORDS. THE ENGINEER MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS INFORMATION. VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE ASSUMED AS A CONDITION OF THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN LOCATION OF UTILITIES IN THE FIELD AND LOCATIONS SHOWN ON THE PLANS.

LEGEND:

--- 817 ---	EXISTING CONTOUR
— 817 —	PROPOSED CONTOUR
-X-X-	PROPOSED SILT FENCE
○	PROPOSED INLET PROTECTION
○	PROPOSED SILT SOCK
■	PROPOSED TRACKING PAD



TRIO
DESIGN & LAND SURVEYING
CIVIL ENGINEERING

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BROOKFIELD, WI 53045
PHONE: (262) 790-1480
FAX: (262) 790-1481
EMAIL: jpudefko@trioeng.com

PROJECT:
NEW JOURNEY
5295 S MOORLAND ROAD (CTH O)
CITY OF NEW BERLIN, WI
PREPARED FOR:
MILWAUKEE RESCUE MISSION
830 N. 19th ST.
MILWAUKEE, WI 53233

REVISION HISTORY

DATE	DESCRIPTION
10/24/2025	PRELIMINARY PLANS

DATE:
OCTOBER 24, 2025

JOB NUMBER:
19018

DESCRIPTION:
EROSION CONTROL PLAN
SHEET

C3.0



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REVISION HISTORY	
DATE	DESCRIPTION
10/24/2025	PRELIMINARY PLANS

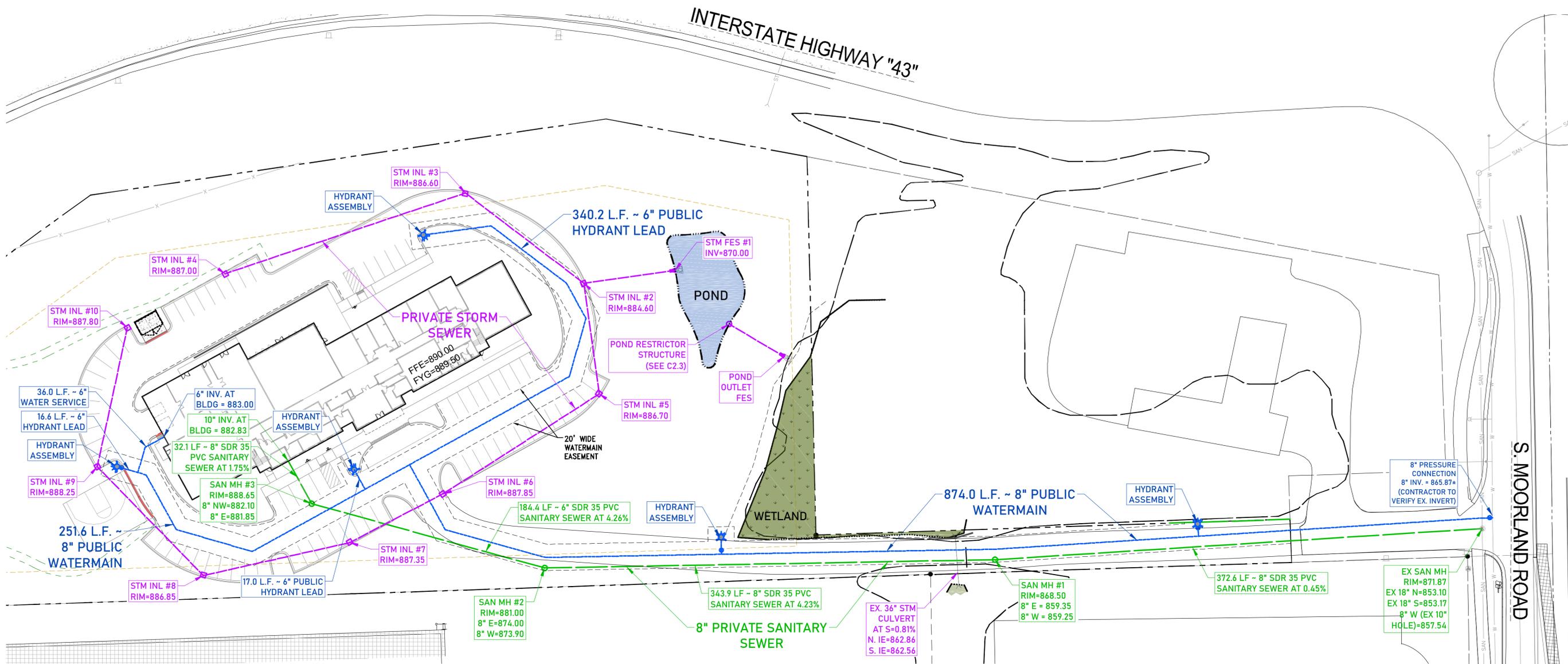
DATE:
OCTOBER 24, 2025

JOB NUMBER:
19018

DESCRIPTION:
UTILITY PLAN

SHEET

C4.0



LEGEND:

---	EXISTING CONTOUR
---	EXISTING SANITARY SEWER
○	EXISTING SANITARY MANHOLE
---	EXISTING WATER MAIN
○	EXISTING HYDRANT
---	EXISTING STORM SEWER
○	EXISTING STORM MANHOLE
□	EXISTING STORM INLET
⊠	EXISTING TRANSFORMER
⊞	EXISTING ELECTRIC PEDESTAL
⊠	EXISTING TELEPHONE PEDESTAL
⊠	EXISTING CATV PEDESTAL
⊠	EXISTING POWER POLE
---	PROPOSED SANITARY SEWER
○	PROPOSED SANITARY MANHOLE
---	PROPOSED WATER MAIN
○	PROPOSED HYDRANT
○	PROPOSED WATER VALVE
---	PROPOSED STORM SEWER
○	PROPOSED STORM MANHOLE
□	PROPOSED STORM INLET
---	PROPOSED STORM END SECTION

STORM SEWER NOTES:

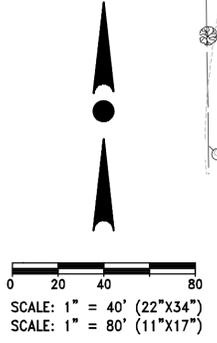
- UNLESS OTHERWISE NOTED, ALL PRIVATE STORM SEWER SHALL BE HIGH DENSITY POLYETHYLENE (HDPE), SMOOTH-WALL INTERIOR, CORRUGATED STORM SEWER PIPE. PIPE SHALL BE AS MANUFACTURED BY ADS OR EQUAL, WITH WATER TIGHT JOINTS, HAVING A MANNING "N" VALUE OF 0.012, OR EQUAL.
- ALL PVC STORM SEWER PIPE SHALL BE ASTM D-3034, SDR 35. SCHEDULE 40 PIPE SHALL BE INSTALLED FOR ALL PIPE WITHIN THE PROPOSED BUILDING FOOTPRINT, PER MANUFACTURER SPECIFICATIONS.
- CONNECT TO BUILDING STORM SEWER CONVEYANCE PIPING PER SPS 382 SPECIFICATIONS AND REQUIREMENTS.

UTILITY NOTES:

- EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE. ACTUAL LOCATION OF EXISTING UTILITIES IN CLOSE PROXIMITY TO PROPOSED UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO INSTALLATION OF PROPOSED UTILITY. IF CONFLICTS ARE ENCOUNTERED, CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER PRIOR TO INSTALLING PROPOSED UTILITIES
- ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH CITY OF NEW BERLIN DEVELOPMENT HANDBOOK AND THE STANDARD SPECIFICATION FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN (SSWCW)
- ALL HYDRANT LEADS SHALL BE CLASS 52 DUCTILE IRON
- CONTRACTOR SHALL COORDINATE WITH DEVELOPER, CITY ENGINEER, AND FIRE DEPARTMENT TO PROVIDE KNOX BOX LOCATION AND KEY.

NOTE:
CONTRACTOR IS REQUIRED TO CONTACT DIGGERS HOTLINE TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND UTILITIES PRIOR TO COMMENCING THE WORK. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.
CALL DIGGERS HOTLINE 1-800-242-8511

EXISTING UNDERGROUND UTILITY INFORMATION WAS OBTAINED FROM AVAILABLE RECORDS. THE ENGINEER MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS INFORMATION. VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE ASSUMED AS A CONDITION OF THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN LOCATION OF UTILITIES IN THE FIELD AND LOCATIONS SHOWN ON THE PLANS.



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COMPLIANT DOCUMENTATION:

THE LATEST EDITIONS OF THE FOLLOWING DOCUMENTS AND ANY SUPPLEMENTS THERETO, SHALL GOVERN ALL CONSTRUCTION ITEMS ON THIS PLAN UNLESS OTHERWISE NOTED.

- STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, 6TH EDITION (SSWCW)
- THE WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION
- WDRN STORMWATER RUNOFF TECHNICAL STANDARDS.
- WISDOT PAL APPROVED EROSION CONTROL MEASURES LIST, LATEST EDITION.
- CITY OF NEW BERLIN DEVELOPMENT STANDARDS.

CONTRACTOR RESPONSIBILITY:

-EXISTING UNDERGROUND UTILITY INFORMATION WAS OBTAINED FROM AVAILABLE RECORDS AND FIELD SURVEY. THE ENGINEER MAKES NO GUARANTEE AS TO THE ACCURACY OF THIS INFORMATION. VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE ASSUMED AS A CONDITION OF THE CONTRACT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN LOCATION OF UTILITIES IN THE FIELD AND LOCATIONS SHOWN ON THE PLANS.

-THE LOCATION, SUPPORT, PROTECTION AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS ITEMS.

-THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTOR(S) TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THIS WORK. THE CONTRACTOR SHALL ALSO BE SOLELY RESPONSIBLE FOR ALL REQUIRED PERMITS, UNLESS OTHERWISE SPECIFIED.

-THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER AS CONSTRUCTION ACTIVITIES ARE COMPLETED TO PROVIDE CONSTRUCTION OVERSIGHT AND INSPECTION IN ACCORDANCE WITH THE CONSTRUCTION INSPECTION PLAN.

-THE OWNER WILL PROVIDE ALL SURVEYING AND CONSTRUCTION STAKING FOR THIS CONTRACT. THE CONTRACTOR SHALL EXERCISE CARE AND DILIGENCE IN PROTECTING THE SAME. ANY EXPENSE INCURRED FOR ADDITIONAL RESTAKING CAUSED BY CONTRACTOR'S NEGLIGENCE WILL BE CHARGED TO THE CONTRACTOR AND DEDUCTED FROM THE SUMS DUE HIM UNDER THIS CONTRACT.

-ALL TRENCHES SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS.

-CONTRACTOR SHALL BE PREPARED FOR DEWATERING CONDITIONS BY HAVING APPROPRIATE PUMPS AND FILTER BAGS ON-SITE FOR DEWATERING AND REMOVAL OF ALL SEDIMENT PER CITY, COUNTY AND WDRN REQUIREMENTS PER TECHNICAL STANDARD 1061.

TRAFFIC CONTROL:

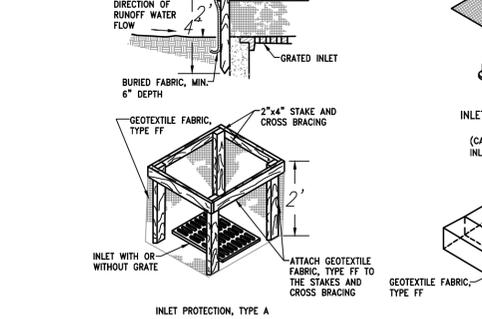
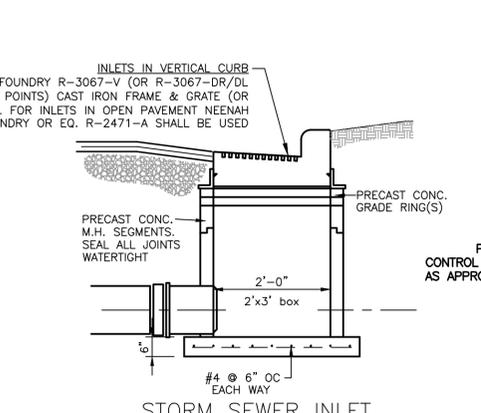
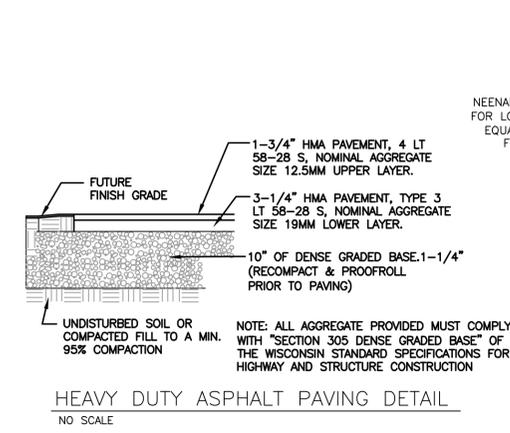
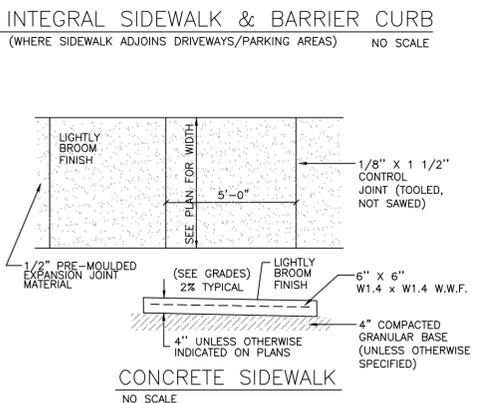
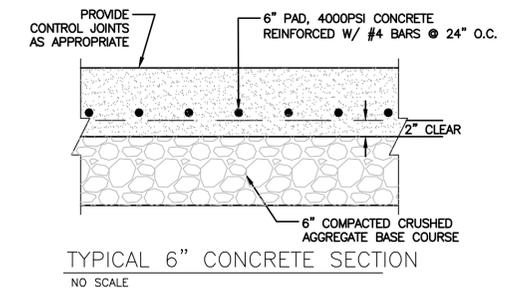
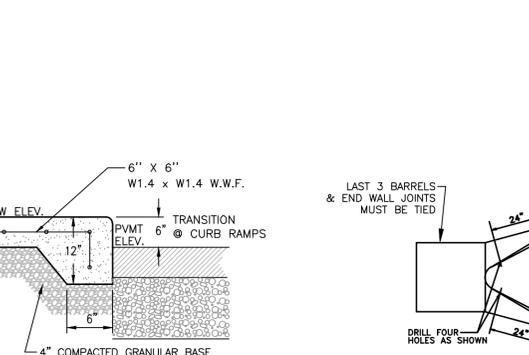
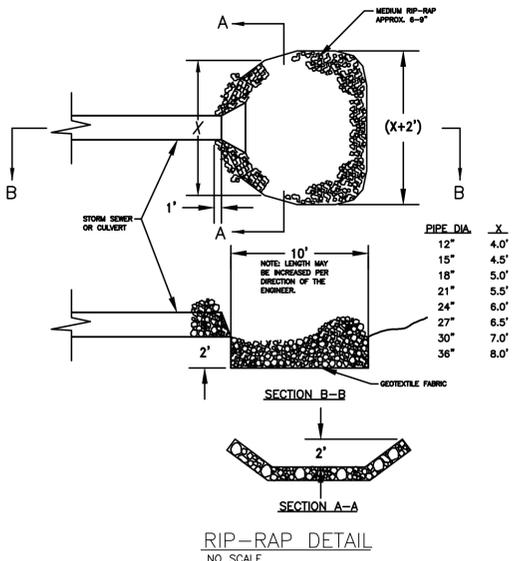
-PUBLIC ROADS SHALL NOT BE FULLY CLOSED TO TRAFFIC AT ANY TIME. ALL INGRESS AND EGRESS TRAFFIC TO THE PROJECT SHALL BE LIMITED TO THE GRAVEL ENTRANCE TO THE PROPERTY.

CONSTRUCTION NOTES:

- ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, STATE OF WISCONSIN, LATEST EDITION, UNLESS OTHERWISE CALLED FOR ON THE PLANS, SPECIFICATIONS OR SPECIAL PROVISIONS.
- ALL EROSION CONTROL MEASURES SPECIFIED ON THIS PLAN SHALL MEET THE DESIGN CRITERIA, STANDARDS AND SPECIFICATIONS AS SET FORTH IN THE DEPARTMENT OF NATURAL RESOURCES WISCONSIN BEST MANAGEMENT PRACTICE HANDBOOK AND TECHNICAL STANDARDS.
- ALL EROSION CONTROL DEVICES (I.E., SILT FENCE, SILT SOCK, GRAVEL ENTRANCE, SILTATION BASIN, ETC.), SHALL BE INSTALLED PRIOR TO COMMENCING ANY GRADING OR UTILITY CONSTRUCTION. GRADING ASSOCIATED WITH INSTALLATION OF EROSION OR SEDIMENTARY PRACTICES MAY OCCUR CONCURRENTLY WITH INSTALLATION OF PRACTICES.
- ALL ACTIVITIES ON THE SITE SHALL BE CONDUCTED IN A LOGICAL SEQUENCE TO MINIMIZE THE AREA OF BARE SOIL EXPOSED AT ANY ONE TIME. REFER TO THE CONSTRUCTION SEQUENCING PLAN FOR ADDITIONAL INFORMATION.
- THE OWNER IS RESPONSIBLE FOR OBTAINING A GRADING AND/OR EROSION CONTROL PERMIT (OR ANY OTHER APPLICABLE PERMITS) PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE, CITY OF NEW BERLIN SEWER AND WATER UTILITY, AND GOVERNMENT UNITS WHOSE PROPERTY MAY BE AFFECTED BY THE CONTRACTOR'S OPERATIONS AT LEAST THREE (3) DAYS BEFORE BREAKING GROUND. DIGGERS HOTLINE NUMBER IS 1-800-242-8511.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CLEANLINESS OF THE PROJECT AND PUBLIC ROADWAYS DURING CONSTRUCTION PER THE REQUIREMENTS SET FORTH BY THE LOCAL AND COUNTY AGENCIES. STREETS SHALL BE KEPT FREE OF SILT OR DIRT TRACKED FROM AREAS UNDER CONSTRUCTION BY SWEEPING OR OTHER APPROPRIATE MEASURES. DUST GENERATED BY CONSTRUCTION ACTIVITIES SHALL BE MINIMIZED BY USE OF WATERING, CALCIUM CHLORIDE SURFACE TREATMENT, CONSTRUCTION SCHEDULING OR OTHER APPROPRIATE METHODS.
- INLETS SHALL BE PROTECTED WITH AN EROSION BARRIER MEETING WDRN TECHNICAL STANDARD 1060 UNTIL THE AREA HAS BEEN STABILIZED. FREQUENT INSPECTION AND TIMELY MAINTENANCE IS REQUIRED.
- UPON COMPLETION OF THE WORK AS SPECIFIED, RESPREAD A MINIMUM OF FOUR (4") INCHES OF SALVAGED TOPSOIL OVER ALL DISTURBED AREAS AND PROVIDE SEED, FERTILIZER AND MULCH PER THE STANDARD SPECIFICATIONS.
- ALL DISTURBED AREAS SHALL BE REVEGETATED WITHIN SEVEN DAYS AFTER BEING DISTURBED USING THE SEED MIX SPECIFIED ON THE PLANS.
- ALL EROSION CONTROL DEVICES SHALL BE ROUTINELY INSPECTED EVERY SEVEN DAYS AND WITHIN 24 HOURS OF A RAINFALL GREATER THAN 0.5 INCHES. CONTRACTOR IS REQUIRED TO PERFORM INSPECTIONS, KEEP A LOG, AND REPAIR BMP'S AS NEEDED.
- REFER TO EROSION CONTROL PLAN FOR SITE EROSION CONTROL ELEMENTS, REQUIREMENTS.

EROSION CONTROL NOTES:

- THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO MINIMIZE EROSION, WATER POLLUTION AND SILTATION CAUSED BY CONSTRUCTION OF THIS PROJECT. EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS.
- EROSION CONTROL PLAN: PRIOR TO BEGINNING WORK, THE CONTRACTOR MAY BE REQUIRED TO SUBMIT AN EROSION AND SEDIMENT CONTROL PLAN, DETAILING SPECIFIC MEASURES THAT WILL BE USED IN THE VARIOUS STAGES OF CONSTRUCTION FOR APPROVAL BY THE ENGINEER.
- IMPLEMENTATION: THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL AFTER INITIAL EROSION AND SEDIMENT CONTROL DEVICES ARE IN PLACE AND APPROVED BY THE ENGINEER.
- EROSION CONTROL MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:
 - DIVERT UPSTREAM RUNOFF FROM FLOWING THROUGH THE CONSTRUCTION SITE.
 - PROTECT DOWNSTREAM OR ADJACENT WATERWAYS WITH SILT FENCE.
 - DELAY STRIPPING TOPSOIL UNTIL REQUIRED FOR CONSTRUCTION.
 - PLACE SILT SOCK OR EROSION CONTROL BALES IN DITCHES AND OTHER DRAINAGE WAYS TO COLLECT SEDIMENT AND TO SLOW THE VELOCITY OF RUNOFF.
 - PROTECT STORM SEWER INLETS AND THE UPSTREAM END OF CULVERTS WITH SILT FENCE OR EROSION CONTROL BALES.
 - PROMPT REMOVAL OF EXCAVATED MATERIAL.
 - PROPER STORAGE OF BACKFILL AND BEDDING MATERIALS INCLUDING PLACING SILT FENCE OR EROSION CONTROL BALES ON THE DOWNSLOPE SIDES OF SPOIL PILES.
 - CONSTRUCTION OF TRACKING PAD TO CONSTRUCTION SITE TO PREVENT SEDIMENT FROM BEING TRACKED ONTO ROADWAYS.
 - PROMPT (SAME DAY) CLEANUP OF MATERIAL TRACKED ONTO ADJACENT STREETS.
 - TIMELY RESTORATION OF DAMAGE SURFACE AREAS.
 - ALL AREAS THAT WILL REMAIN DISTURBED AFTER OCTOBER 15, MUST BE TEMPORARY SEEDED AS OF THAT DATE.
- TEMPORARY EROSION CONTROL MEASURES.
 - THE CONTRACTOR SHALL CONSTRUCT TEMPORARY EROSION CONTROL MEASURES, WHERE EROSION IS LIKELY TO BE A PROBLEM, PRIOR TO BEGINNING WORK ON THOSE SECTION(S) OF THE PROJECT. TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL AFTER PERMANENT EROSION CONTROL, SUCH AS SEEDING OR SODDING, HAS BEEN ESTABLISHED.
 - IN THE EVENT THE PERMANENT EROSION CONTROL MEASURES ARE NOT FULLY IMPLEMENTED IN CURRENT CONSTRUCTION SEASON, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY TEMPORARY EROSION CONTROL MEASURES UNTIL AFTER PERMANENT MEASURES HAVE BEEN COMPLETED IN THE FOLLOWING YEAR.
- ALL DISTURBANCE AREAS THAT REMAIN INACTIVE FOR SEVEN DAYS OR LONGER SHALL RECEIVE TEMPORARY SEEDING.
- ALL SEDIMENT TRAPS, SWALES AND DIVERSION PRACTICES SHALL BE STABILIZED PRIOR TO USE.
- TRENCH DEWATERING SHALL BE IN ACCORDANCE WITH WDRN TECHNICAL STANDARDS.
- INSTALL SILT FENCE IN ACCORDANCE WITH WDRN TECHNICAL STANDARD DETAILS
- EROSION CONTROL INSPECTION AND MAINTENANCE
 - INSPECT EROSION CONTROL MEASURES WEEKLY AND AFTER SITE RECEIVES 0.5" OF RAIN IN A 24-HOUR PERIOD DURING CONSTRUCTION.
 - REPAIR OR REPLACE EROSION CONTROLS THAT ARE DAMAGED OR FAILING.
- ALL AREAS TO BE SEEDED AND MULCHED SHALL USE WDOT SEED MIXTURE NO. 20. MULCH SHALL APPLIED PER WISDOT SPECIFICATIONS USING METHOD B FOR PLACEMENT.

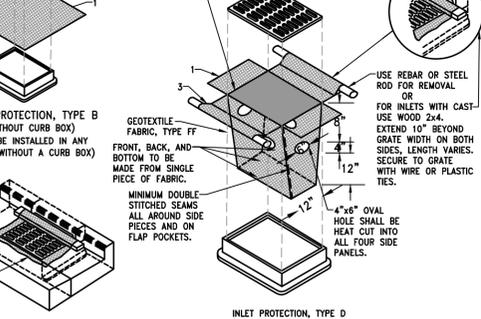


GENERAL NOTES:

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

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

- FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENINGS.
- FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



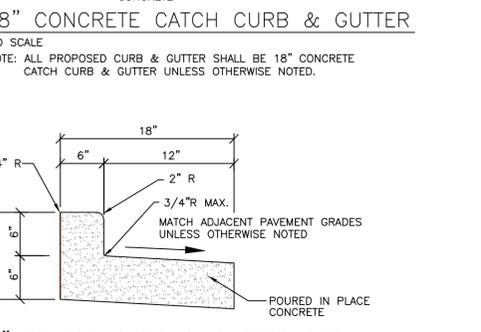
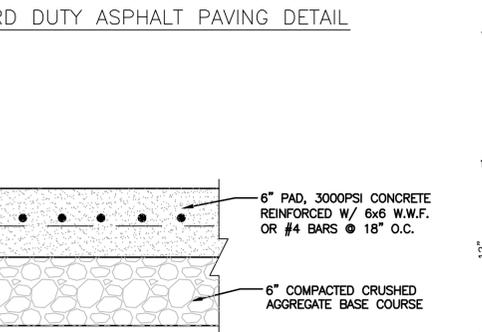
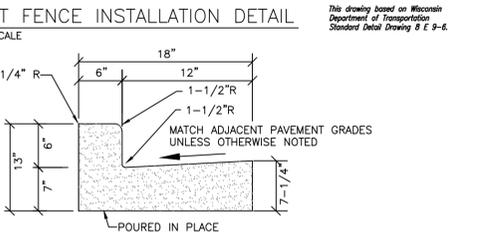
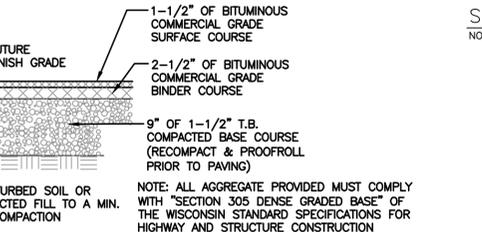
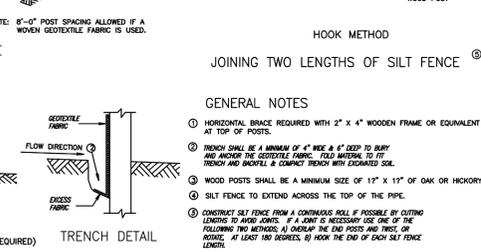
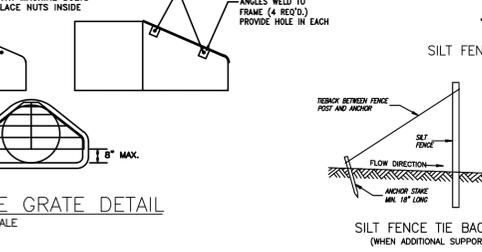
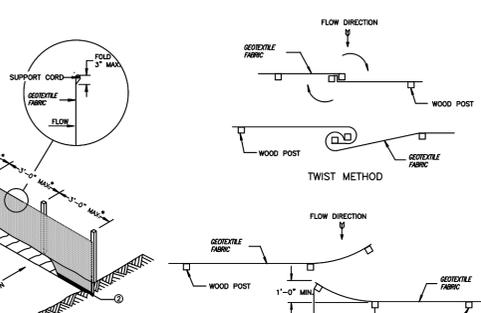
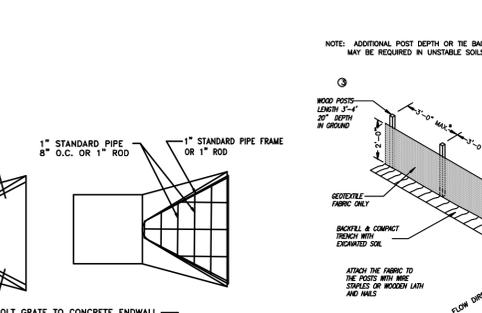
INSTALLATION NOTES:

TYPE B & C
TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D
DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.



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EMAIL: jpuddike@trioeng.com

PROJECT:
NEW JOURNEY
5295 S MOORLAND ROAD (CTH O)
CITY OF NEW BERLIN, WI
PREPARED FOR:
MILWAUKEE RESCUE MISSION
830 N. 19TH ST.
MILWAUKEE, WI 53233

REVISION HISTORY

DATE	DESCRIPTION
10/24/2025	PRELIMINARY PLANS

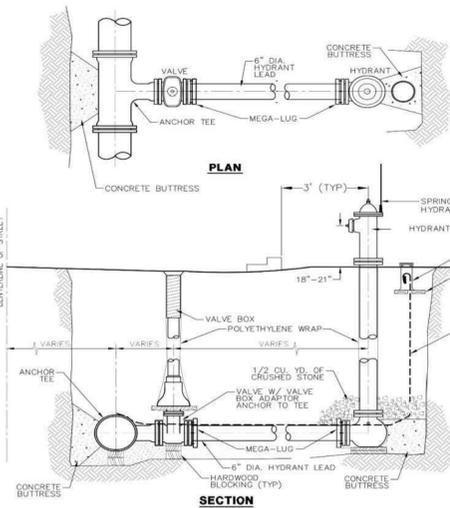
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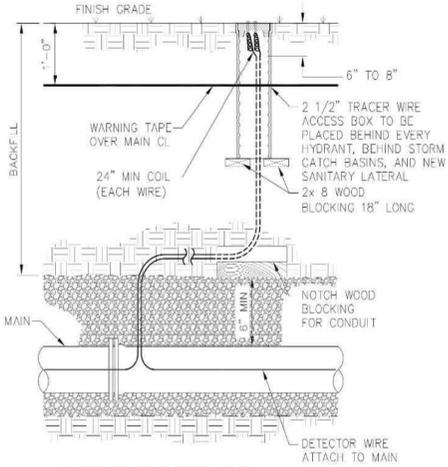
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CONSTRUCTION
NOTES &
DETAILS

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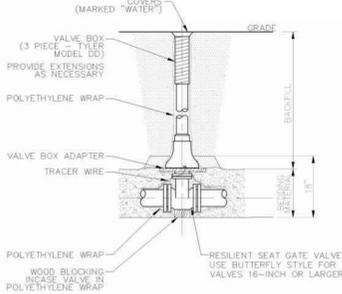
H:\C700\787\19018-01\CONSTRUCTION PLANS\CIVIL PLANS-NEW JOURNEY-22X34.DWG



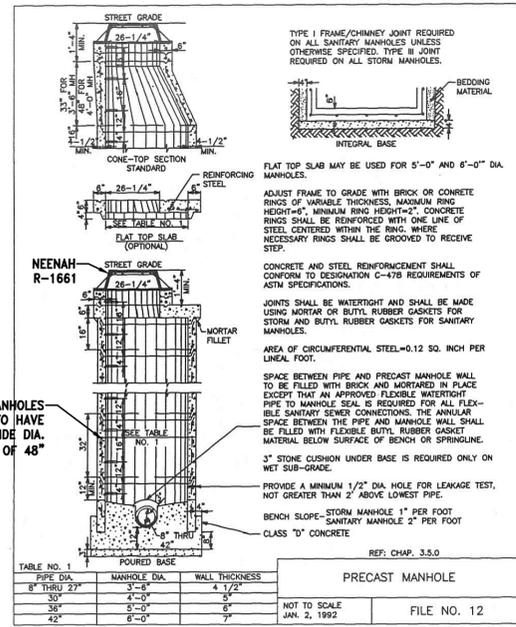
NOTE: REFER TO FILE NO. 38 OF THE "STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN" FOR FURTHER INFORMATION.
HYDRANT LEADS SHALL BE RESTRAINED
HYDRANT LEADS SHALL BE CLASS 52 DUCTILE IRON
HYDRANT SETTING DETAIL NO SCALE



DETECTOR WIRE & LOCATION BOX (ON TERRACE) NO SCALE



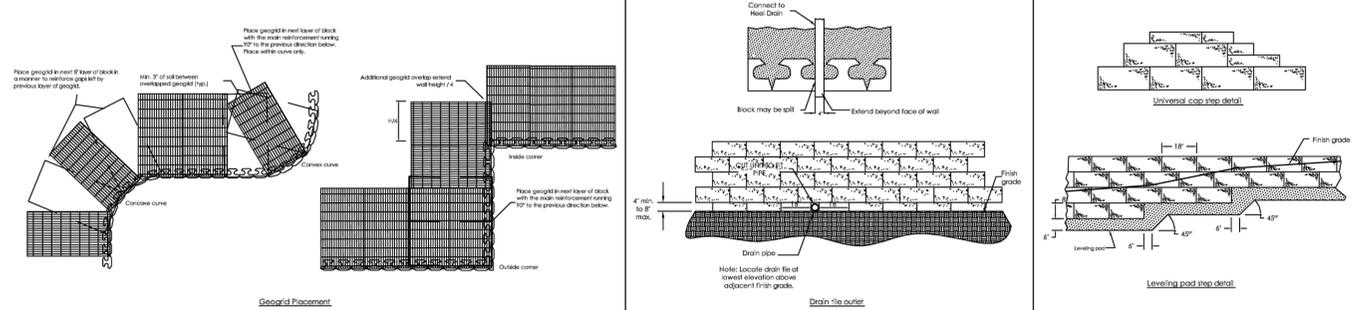
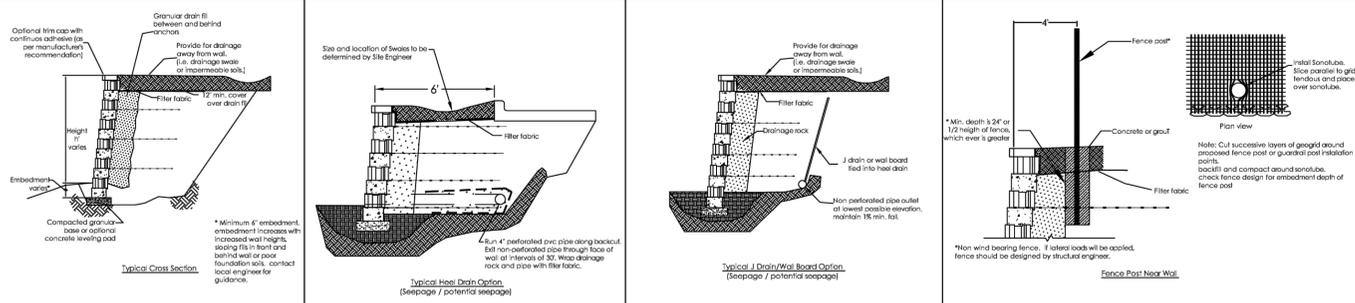
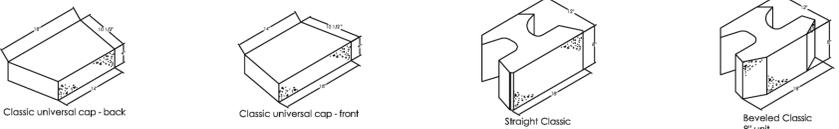
STANDARD GATE VALVE BOX SETTING NO SCALE



ALL MANHOLES ARE TO HAVE AN INSIDE DIA. OF 48"

SANITARY MANHOLE DETAIL NO SCALE
NOTE: ALL SANITARY MANHOLES SHALL BE WATERPROOFED AND PROVIDED WITH INTERNAL/EXTERNAL SEALS AND MACWRAP JOINTS.

Typical Details Classic 8
(Dimensions may vary by region)



This drawing is furnished for preliminary design purposes only, and should not be used for final design drawings or construction drawings without the certification of a professional engineer registered in the state in which the wall will be constructed.

No.	Date	Revision	By	Approved

Legend

- Compacted Fill
- 3/4" Crushed Stone
- Leveling Pad
- Active Soil
- Geogrid

Project Name: XX
Project Location: YY
Drawing Description: Classic 8 Typical Details
Prepared by: CCC
Checked by: ODD
Date: MM/DD/YYYY
Project Number: WWWPRO#

RETAINING WALL NOTES:
1. CONTRACTOR MAY USE ANOTHER RETAINING WALL MANUFACTURER IF DESIRED BASED ON AVAILABILITY AND COST OF MATERIAL. IN THIS EVENT, THE CONTRACTOR SHALL NOTIFY THE CITY OF NEW BERLIN ENGINEER AND PROVIDE ALL REQUIRED AND APPLICABLE DOCUMENTATION REQUESTED.
2. RETAINING WALL DETAILS ARE PROVIDED FOR REFERENCE ONLY, CONTRACTOR SHALL FOLLOW ALL MANUFACTURE DETAILS AND SPECIFICATIONS.



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BROOKFIELD, WI 53045
PHONE: (262) 790-1480
FAX: (262) 790-1481
EMAIL: jpubel@trioeng.com

PROJECT:
NEW JOURNEY
5295 S MOORLAND ROAD (CTH O)
CITY OF NEW BERLIN, WI
PREPARED FOR:
MILWAUKEE RESCUE MISSION
830 N. 19th ST.
MILWAUKEE, WI 53233

REVISION HISTORY

DATE	DESCRIPTION
10/24/2025	PRELIMINARY PLANS

DATE:
OCTOBER 24, 2025

JOB NUMBER:
19018

DESCRIPTION:
CONSTRUCTION NOTES & DETAILS

SHEET

C5.1