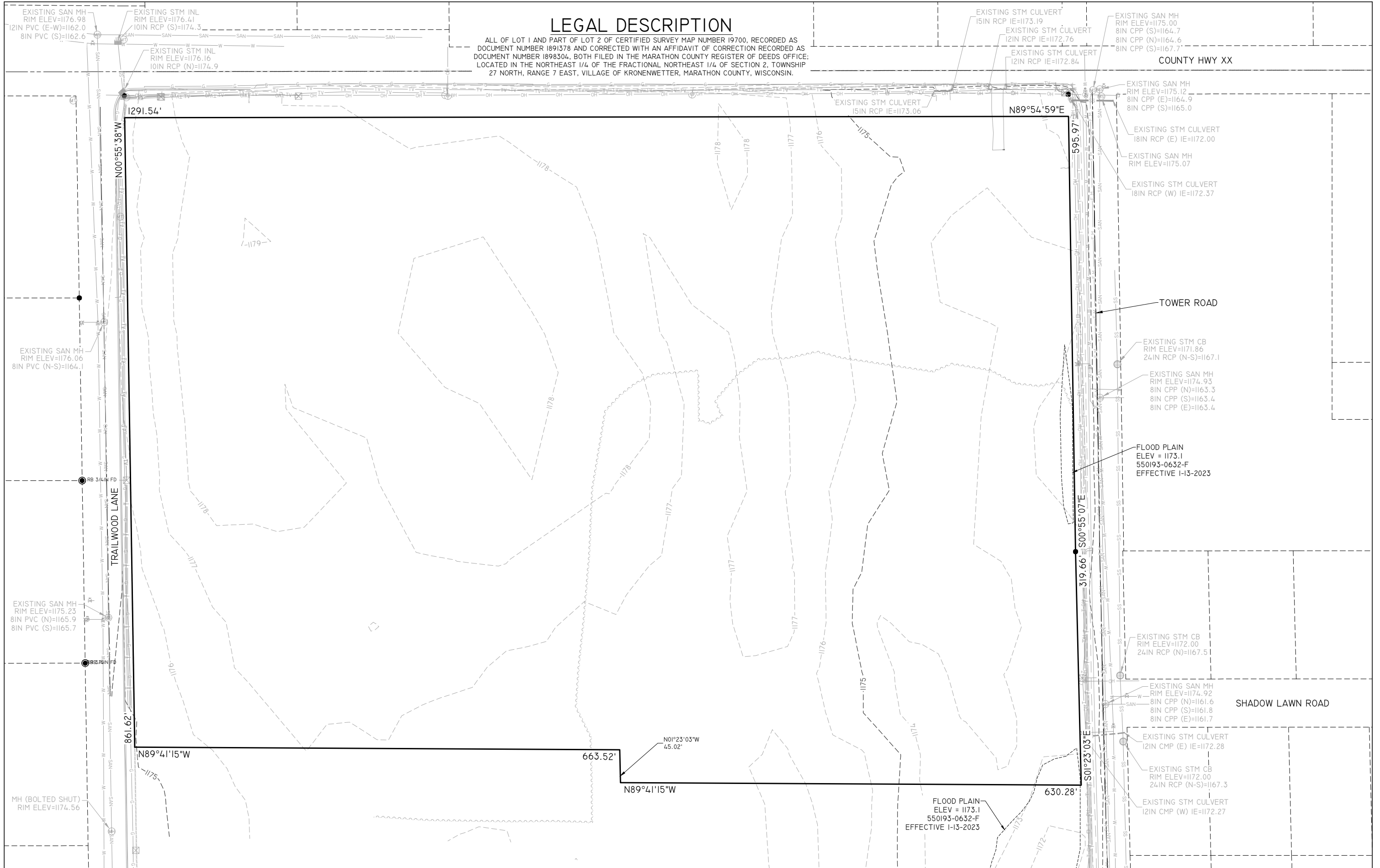


LEGAL DESCRIPTION

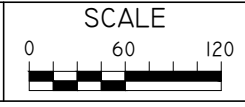
ALL OF LOT 1 AND PART OF LOT 2 OF CERTIFIED SURVEY MAP NUMBER 19700, RECORDED AS DOCUMENT NUMBER 1891378 AND CORRECTED WITH AN AFFIDAVIT OF CORRECTION RECORDED AS DOCUMENT NUMBER 1898304, BOTH FILED IN THE MARATHON COUNTY REGISTER OF DEEDS OFFICE; LOCATED IN THE NORTHEAST 1/4 OF THE FRACTIONAL NORTHEAST 1/4 OF SECTION 2, TOWNSHIP 27 NORTH, RANGE 7 EAST, VILLAGE OF KRONENWETTER, MARATHON COUNTY, WISCONSIN.



REI Engineering, Inc.
 4080 N. 20TH AVENUE
 WAUSAU, WISCONSIN 54401
 PHONE: 715.675.9784, FAX: 715.675.4060
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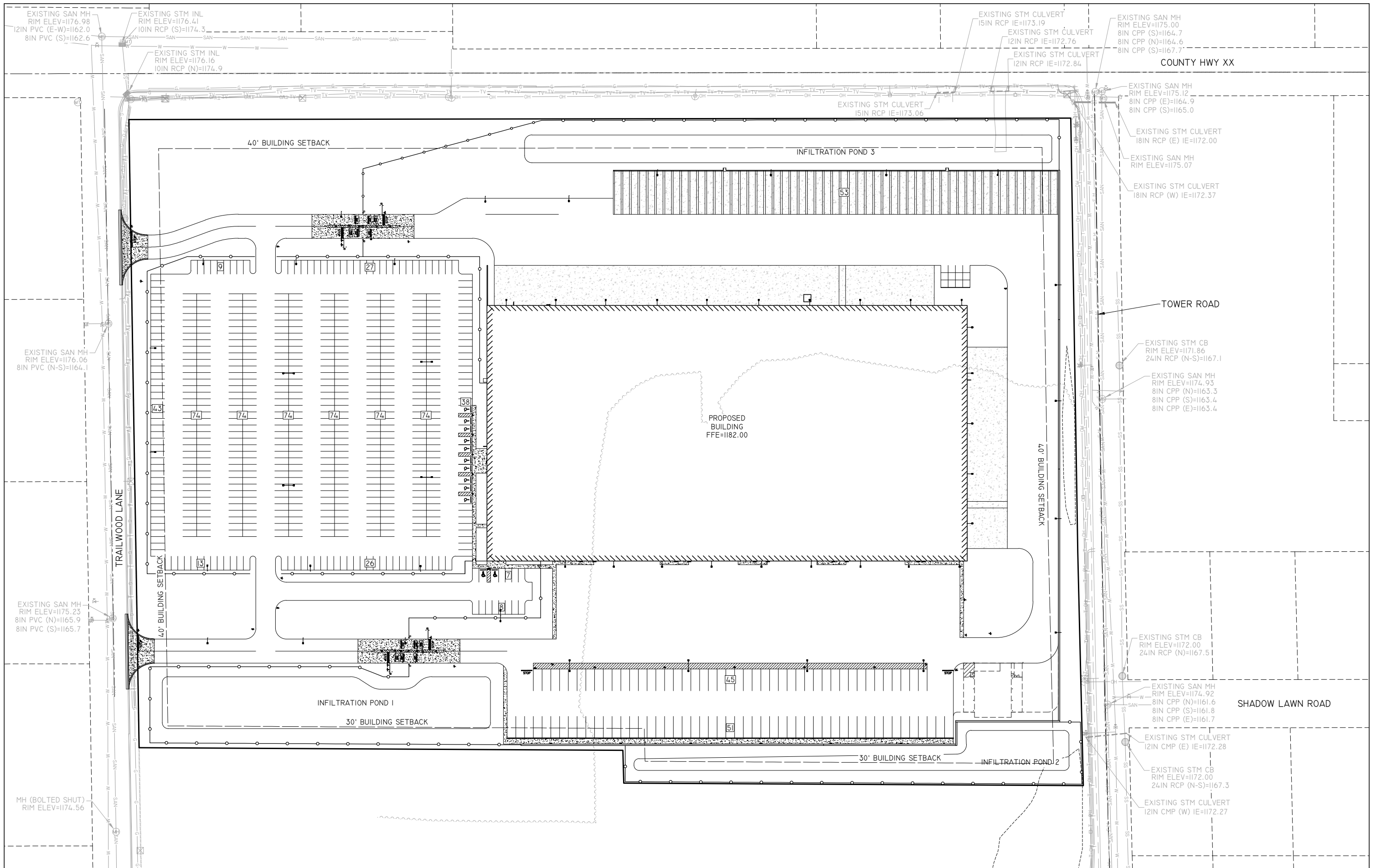
**CIVIL & ENVIRONMENTAL
 ENGINEERING, SURVEYING**



DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: NAP

EXISTING SITE CONDITIONS
 PROPOSED FACILITY
 COUNTY HIGHWAY XX
 VILLAGE OF KRONENWETTER, WISCONSIN

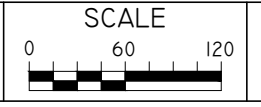
REI
 REI No. 10453B
 SHEET C010



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**CIVIL & ENVIRONMENTAL
 ENGINEERING, SURVEYING**



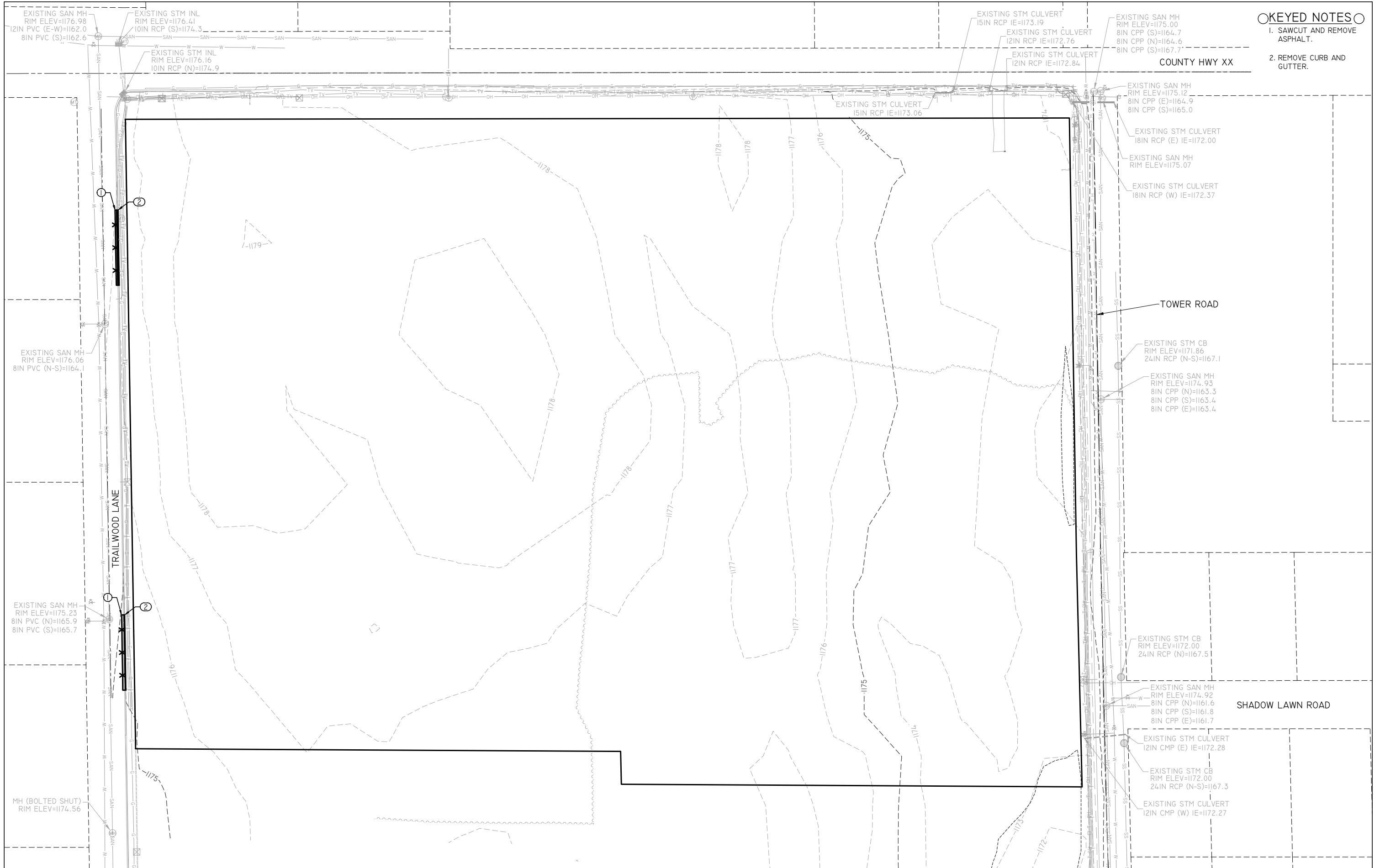
DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: RSW

OVERLAY SITE PLAN
 PROPOSED FACILITY
 COUNTY HIGHWAY XX
 VILLAGE OF KRONENWETTER, WISCONSIN

REI
 REI No. 10453B
 SHEET C020

KEYED NOTES

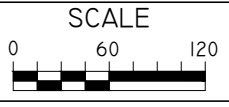
1. SAWCUT AND REMOVE ASPHALT.
2. REMOVE CURB AND GUTTER.



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 4080 N. 20TH AVENUE
 WAUSAU, WISCONSIN 54401
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**CIVIL & ENVIRONMENTAL
 ENGINEERING, SURVEYING**



DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: RSW

DEMO PLAN
 PROPOSED FACILITY
 COUNTY HIGHWAY XX
 VILLAGE OF KRONENWETTER, WISCONSIN

REI
 REI No. 10453B
 SHEET C030

EXISTING SAN MH
RIM ELEV=1176.98
12IN PVC (E-W)=1162.0
8IN PVC (S)=1162.6

EXISTING STM INL
RIM ELEV=1176.41
10IN RCP (S)=1174.3

EXISTING STM INL
RIM ELEV=1176.16
10IN RCP (N)=1174.9

EXISTING SAN MH
RIM ELEV=1176.06
8IN PVC (N-S)=1164.1

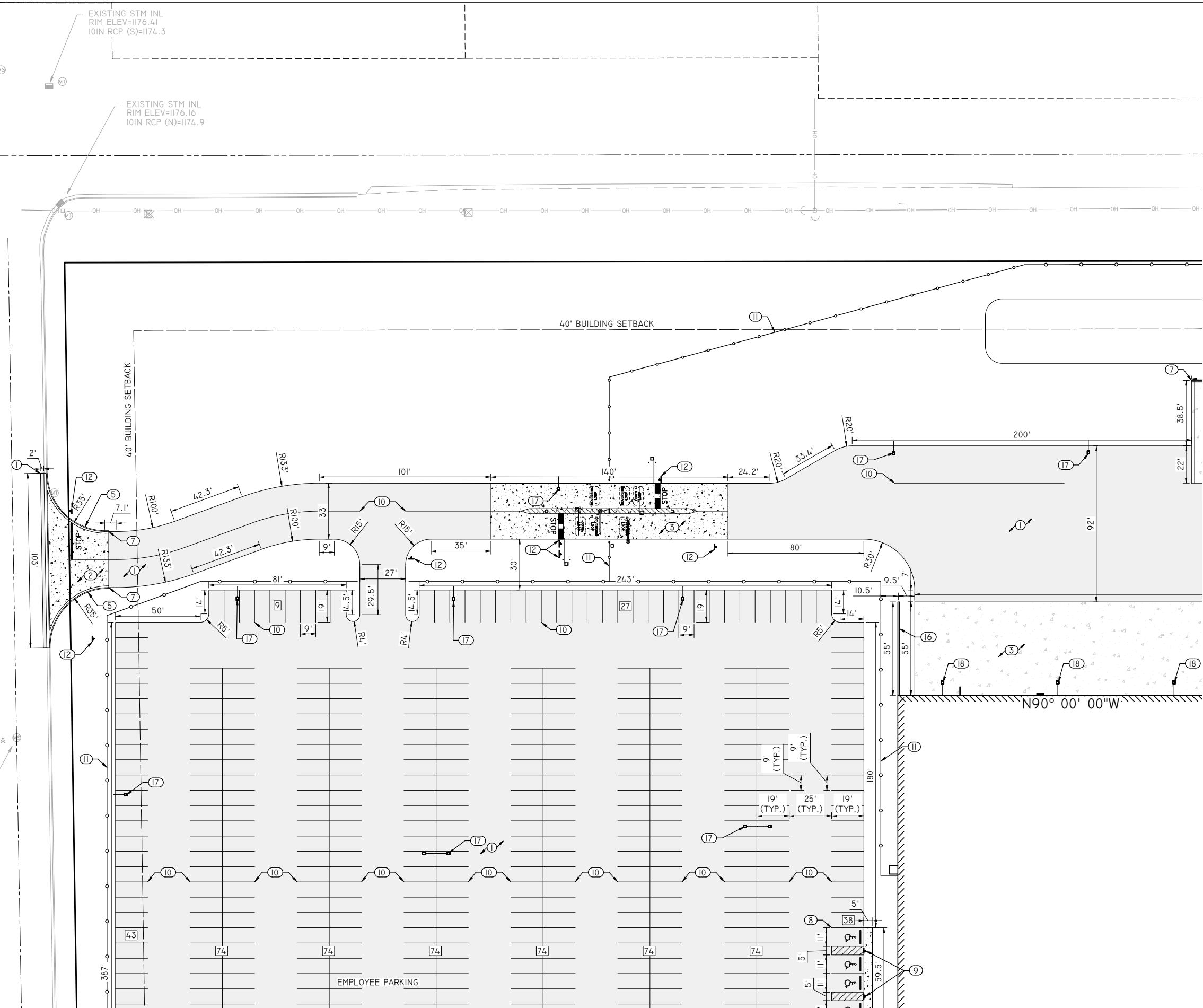
KEYED NOTES

1. ASPHALT PAVEMENT. SEE DETAIL A/C800.
2. CONCRETE DRIVEWAY APRON. SEE DETAIL B/C800.
3. 6" CONCRETE PAVEMENT. SEE DETAIL C/C800.
4. 4" CONCRETE SIDEWALK. SEE DETAIL D/C800.
5. 18" CURB AND GUTTER. SEE DETAIL E/C800.
6. SIDEWALK WITH INTEGRAL CURB. SEE DETAIL F/C800.
7. STANDARD CURB & GUTTER TERMINATION. SEE DETAIL G/C800.
8. HANDICAP PARKING SPACES & STRIPING. SEE DETAIL H/C800.
9. VAN ACCESSIBLE HANDICAP SIGN WITH DOUBLE ARROW. SEE DETAIL I/C800.
10. PAINTED STRIPING, YELLOW. (TYPICAL)
11. 6" CHAIN LINK FENCE.
12. SIGNS BY OTHERS.
13. CONCRETE FLUME. SEE DETAIL J/C800
14. TRASH DUMPSTER PROVIDED BY FEC.
15. SOUND BARRIER WALL.
16. RETAINING WALL.
17. LIGHT POLE (TYP.)
18. LED AREA LIGHT MOUNTED ON BUILDING (TYP.)

PARKING SUMMARY
EMPLOYEE PARKING: 603 STANDARD @ 9'x19' (REQ'D TO BE DETERMINED) + 12 ADA @ 11' x 19' (12 REQ'D) = 615 STALLS (TOTAL REQ'D TO BE DETERMINED)
VAN PARKING: 96 @ 12'x30'
NO VILLAGE REQUIREMENTS, RECOMMENDED AMOUNT BY OWNER
TRACTOR TRAILER PARKING: 53 @ 9'x60'
NO VILLAGE REQUIREMENTS, RECOMMENDED AMOUNT BY OWNER
TOTAL PARKING: 764 STALLS

NOTES:

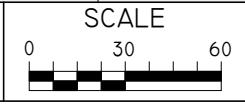
- (A) BUILDINGS AND PARKING SPACES ARE PARALLEL AND PERPENDICULAR TO REFERENCE LINE LABELED, N90°00'00"W, AS TAKEN FROM THE SURVEY.
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- (C) PRIVATE & PUBLIC UTILITY COORDINATION INCLUDING GAS, ELECTRIC, AND TELECOMMUNICATIONS SHALL BE COORDINATED BY THE CONTRACTOR.



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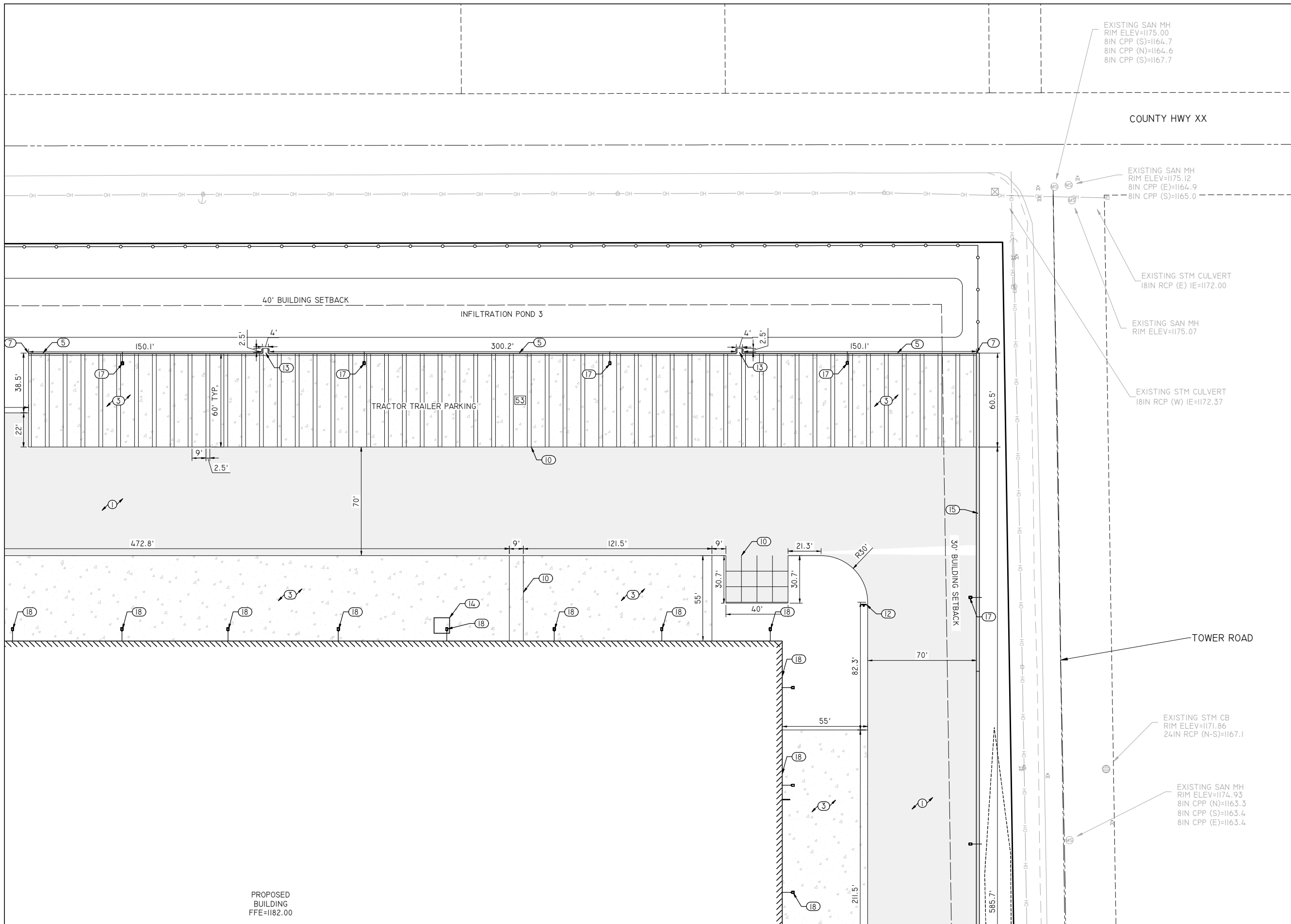
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



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				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
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SITE PLAN - NW
PROPOSED FACILITY
COUNTY HIGHWAY XX
VILLAGE OF KRONENWETTER, WISCONSIN

REI
REI No. 10453B
SHEET C100



KEYED NOTES

1. ASPHALT PAVEMENT. SEE DETAIL A/C800.
2. CONCRETE DRIVEWAY APRON. SEE DETAIL B/C800.
3. 6" CONCRETE PAVEMENT. SEE DETAIL C/C800.
4. 4" CONCRETE SIDEWALK. SEE DETAIL D/C800.
5. 18" CURB AND GUTTER. SEE DETAIL E/C800.
6. SIDEWALK WITH INTEGRAL CURB. SEE DETAIL F/C800.
7. STANDARD CURB & GUTTER TERMINATION. SEE DETAIL G/C800.
8. HANDICAP PARKING SPACES & STRIPING. SEE DETAIL H/C800.
9. VAN ACCESSIBLE HANDICAP SIGN WITH DOUBLE ARROW. SEE DETAIL I/C800.
10. PAINTED STRIPING, YELLOW. (TYPICAL)
11. 6" CHAIN LINK FENCE.
12. SIGNS BY OTHERS.
13. CONCRETE FLUME. SEE DETAIL J/C800
14. TRASH DUMPSTER PROVIDED BY FEC.
15. SOUND BARRIER WALL.
16. RETAINING WALL.
17. LIGHT POLE (TYP.)
18. LED AREA LIGHT MOUNTED ON BUILDING (TYP.)

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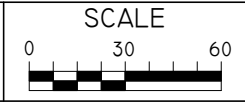
NOTES:

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CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: NAP

SITE PLAN - NE
 PROPOSED FACILITY
 COUNTY HIGHWAY XX
 VILLAGE OF KRONENWETTER, WISCONSIN

REI
 REI No. 10453B
 SHEET C101

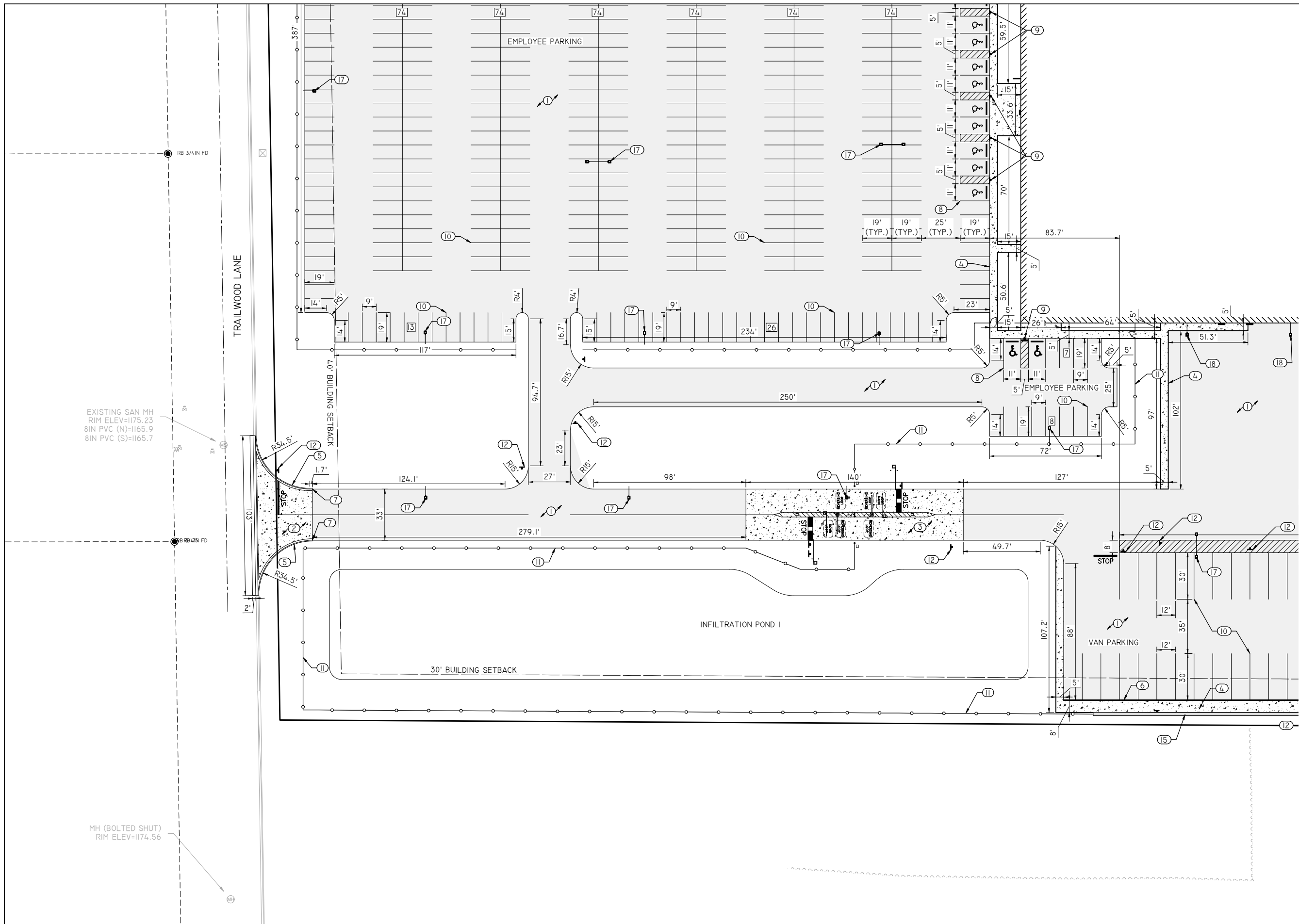
KEYED NOTES

1. ASPHALT PAVEMENT. SEE DETAIL A/C800.
2. CONCRETE DRIVEWAY APRON. SEE DETAIL B/C800.
3. 6" CONCRETE PAVEMENT. SEE DETAIL C/C800.
4. 4" CONCRETE SIDEWALK. SEE DETAIL D/C800.
5. 18" CURB AND GUTTER. SEE DETAIL E/C800.
6. SIDEWALK WITH INTEGRAL CURB. SEE DETAIL F/C800.
7. STANDARD CURB & GUTTER TERMINATION. SEE DETAIL G/C800.
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9. VAN ACCESSIBLE HANDICAP SIGN WITH DOUBLE ARROW. SEE DETAIL I/C800.
10. PAINTED STRIPING, YELLOW. (TYPICAL)
11. 6" CHAIN LINK FENCE.
12. SIGNS BY OTHERS.
13. CONCRETE FLUME. SEE DETAIL J/C800
14. TRASH DUMPSTER PROVIDED BY FEC.
15. SOUND BARRIER WALL.
16. RETAINING WALL.
17. LIGHT POLE (TYP.)
18. LED AREA LIGHT MOUNTED ON BUILDING (TYP.)

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 NO VILLAGE REQUIREMENTS, RECOMMENDED AMOUNT BY OWNER
TOTAL PARKING: 764 STALLS

NOTES:

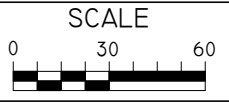
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CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

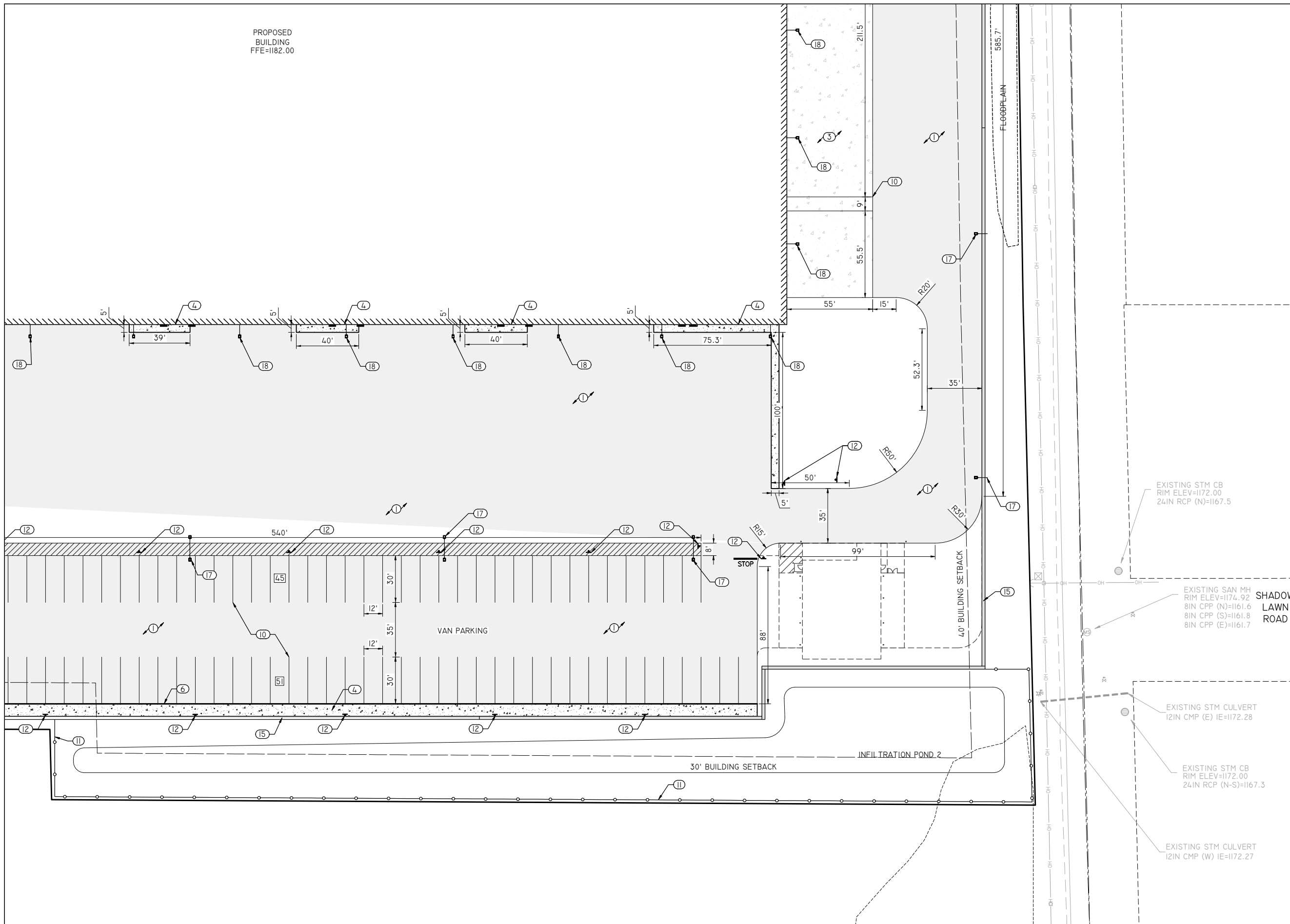


DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: NAP

SITE PLAN - SW
 PROPOSED FACILITY
 COUNTY HIGHWAY XX
 VILLAGE OF KRONENWETTER, WISCONSIN

REI
 REI No. 10453B
 SHEET C102

PROPOSED BUILDING
FFE=1182.00



KEYED NOTES

1. ASPHALT PAVEMENT. SEE DETAIL A/C800.
2. CONCRETE DRIVEWAY APRON. SEE DETAIL B/C800.
3. 6" CONCRETE PAVEMENT. SEE DETAIL C/C800.
4. 4" CONCRETE SIDEWALK. SEE DETAIL D/C800.
5. 18" CURB AND GUTTER. SEE DETAIL E/C800.
6. SIDEWALK WITH INTEGRAL CURB. SEE DETAIL F/C800.
7. STANDARD CURB & GUTTER TERMINATION. SEE DETAIL G/C800.
8. HANDICAP PARKING SPACES & STRIPING. SEE DETAIL H/C800.
9. VAN ACCESSIBLE HANDICAP SIGN WITH DOUBLE ARROW. SEE DETAIL I/C800.
10. PAINTED STRIPING, YELLOW. (TYPICAL)
11. 6" CHAIN LINK FENCE.
12. SIGNS BY OTHERS.
13. CONCRETE FLUME. SEE DETAIL J/C800
14. TRASH DUMPSTER PROVIDED BY FEC.
15. SOUND BARRIER WALL.
16. RETAINING WALL.
17. LIGHT POLE (TYP.)
18. LED AREA LIGHT MOUNTED ON BUILDING (TYP.)

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 TRACTOR TRAILER PARKING: 53 @ 9'x60' NO VILLAGE REQUIREMENTS, RECOMMENDED AMOUNT BY OWNER
TOTAL PARKING: 764 STALLS

- NOTES:**
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EXISTING STM CB
RIM ELEV=1172.00
24IN RCP (N)=1167.5

EXISTING SAN MH
RIM ELEV=1174.92
8IN CPP (N)=1161.6
8IN CPP (S)=1161.8
8IN CPP (E)=1161.7

EXISTING STM CULVERT
12IN CMP (E) IE=1172.28

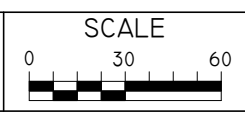
EXISTING STM CB
RIM ELEV=1172.00
24IN RCP (N-S)=1167.3

EXISTING STM CULVERT
12IN CMP (W) IE=1172.27

REI Engineering, INC.
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WAUSAU, WISCONSIN 54401
PHONE: 715.675.9784, FAX: 715.675.4060
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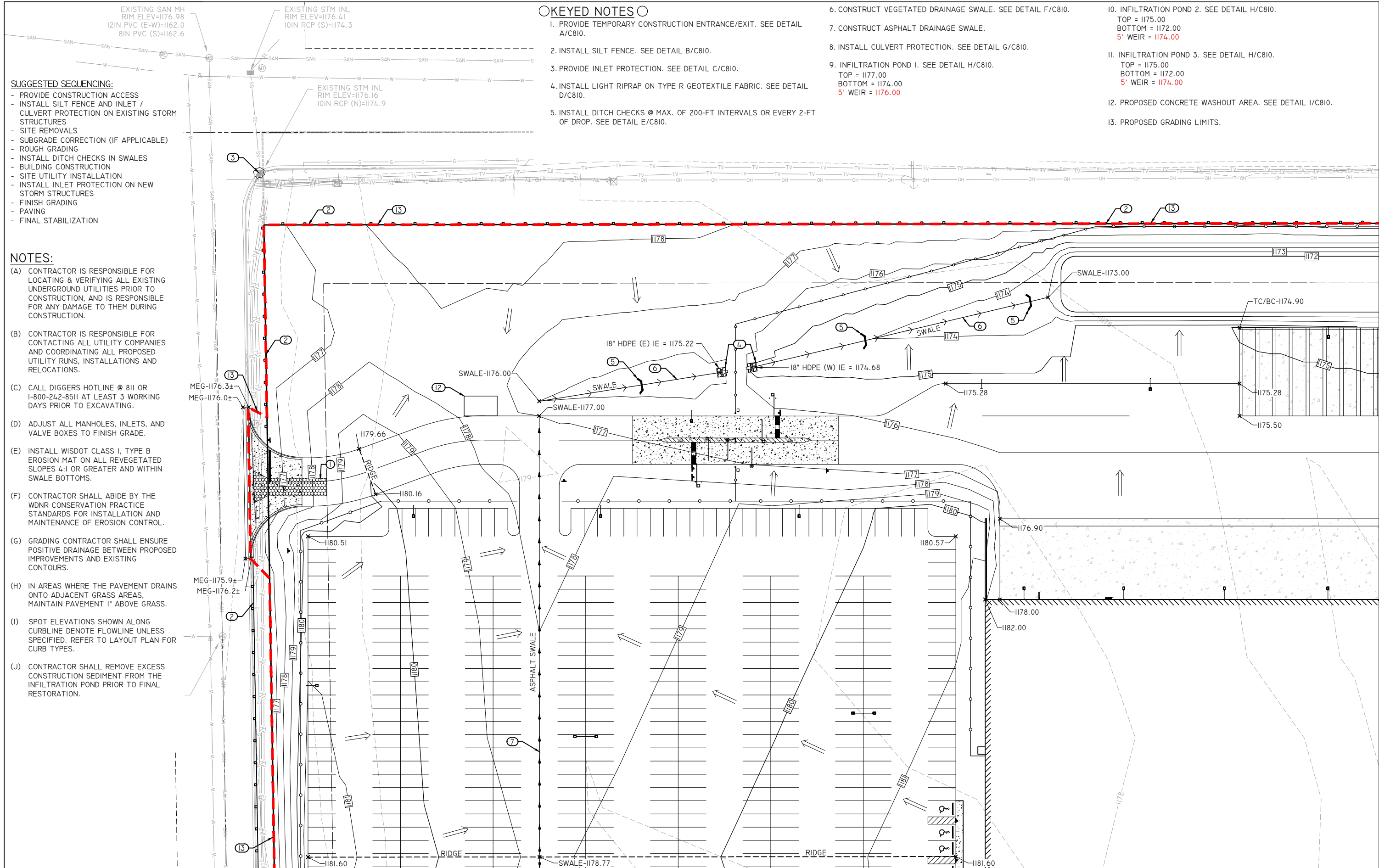
**CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING**



DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: NAP

SITE PLAN - SE
PROPOSED FACILITY
COUNTY HIGHWAY XX
VILLAGE OF KRONENWETTER, WISCONSIN

REI
REI No. 10453B
SHEET C103



KEYED NOTES

1. PROVIDE TEMPORARY CONSTRUCTION ENTRANCE/EXIT. SEE DETAIL A/C810.
2. INSTALL SILT FENCE. SEE DETAIL B/C810.
3. PROVIDE INLET PROTECTION. SEE DETAIL C/C810.
4. INSTALL LIGHT RIPRAP ON TYPE R GEOTEXTILE FABRIC. SEE DETAIL D/C810.
5. INSTALL DITCH CHECKS @ MAX. OF 200-FT INTERVALS OR EVERY 2-FT OF DROP. SEE DETAIL E/C810.

6. CONSTRUCT VEGETATED DRAINAGE SWALE. SEE DETAIL F/C810.
7. CONSTRUCT ASPHALT DRAINAGE SWALE.
8. INSTALL CULVERT PROTECTION. SEE DETAIL G/C810.
9. INFILTRATION POND 1. SEE DETAIL H/C810.
TOP = 1177.00
BOTTOM = 1174.00
5' WEIR = 1176.00

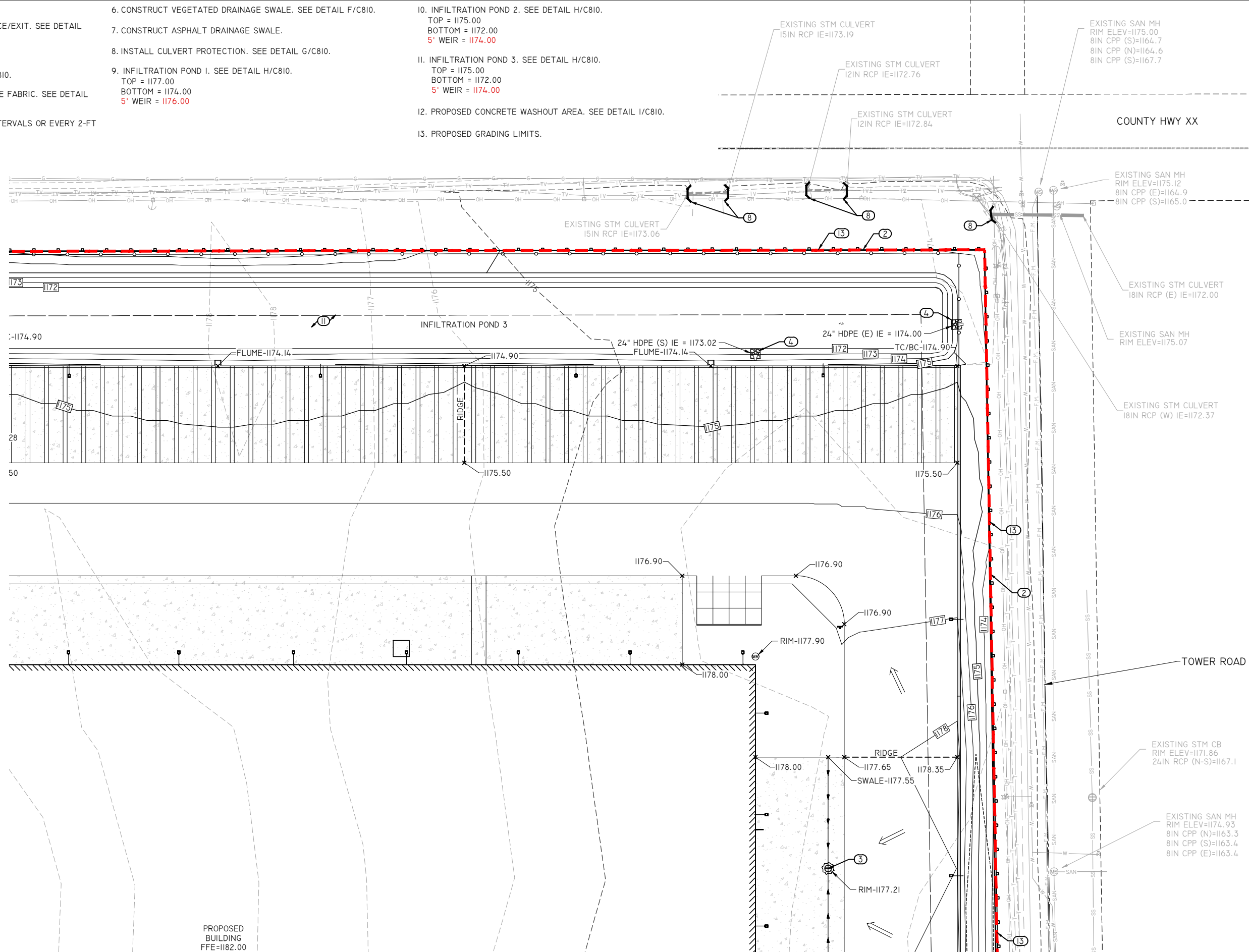
10. INFILTRATION POND 2. SEE DETAIL H/C810.
TOP = 1175.00
BOTTOM = 1172.00
5' WEIR = 1174.00
11. INFILTRATION POND 3. SEE DETAIL H/C810.
TOP = 1175.00
BOTTOM = 1172.00
5' WEIR = 1174.00
12. PROPOSED CONCRETE WASHOUT AREA. SEE DETAIL I/C810.
13. PROPOSED GRADING LIMITS.

SUGGESTED SEQUENCING:

- PROVIDE CONSTRUCTION ACCESS
- INSTALL SILT FENCE AND INLET / CULVERT PROTECTION ON EXISTING STORM STRUCTURES
- SITE REMOVALS
- SUBGRADE CORRECTION (IF APPLICABLE)
- ROUGH GRADING
- INSTALL DITCH CHECKS IN SWALES
- BUILDING CONSTRUCTION
- SITE UTILITY INSTALLATION
- INSTALL INLET PROTECTION ON NEW STORM STRUCTURES
- FINISH GRADING
- PAVING
- FINAL STABILIZATION

NOTES:

- (A) CONTRACTOR IS RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
- (B) CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND COORDINATING ALL PROPOSED UTILITY RUNS, INSTALLATIONS AND RELOCATIONS.
- (C) CALL DIGGERS HOTLINE @ 811 OR 1-800-242-8511 AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATING.
- (D) ADJUST ALL MANHOLES, INLETS, AND VALVE BOXES TO FINISH GRADE.
- (E) INSTALL WISDOT CLASS I, TYPE B EROSION MAT ON ALL REVEGETATED SLOPES 4:1 OR GREATER AND WITHIN SWALE BOTTOMS.
- (F) CONTRACTOR SHALL ABIDE BY THE WDNR CONSERVATION PRACTICE STANDARDS FOR INSTALLATION AND MAINTENANCE OF EROSION CONTROL.
- (G) GRADING CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE BETWEEN PROPOSED IMPROVEMENTS AND EXISTING CONTOURS.
- (H) IN AREAS WHERE THE PAVEMENT DRAINS ONTO ADJACENT GRASS AREAS, MAINTAIN PAVEMENT 1" ABOVE GRASS.
- (I) SPOT ELEVATIONS SHOWN ALONG CURBLINE DENOTE FLOWLINE UNLESS SPECIFIED. REFER TO LAYOUT PLAN FOR CURB TYPES.
- (J) CONTRACTOR SHALL REMOVE EXCESS CONSTRUCTION SEDIMENT FROM THE INFILTRATION POND PRIOR TO FINAL RESTORATION.



DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
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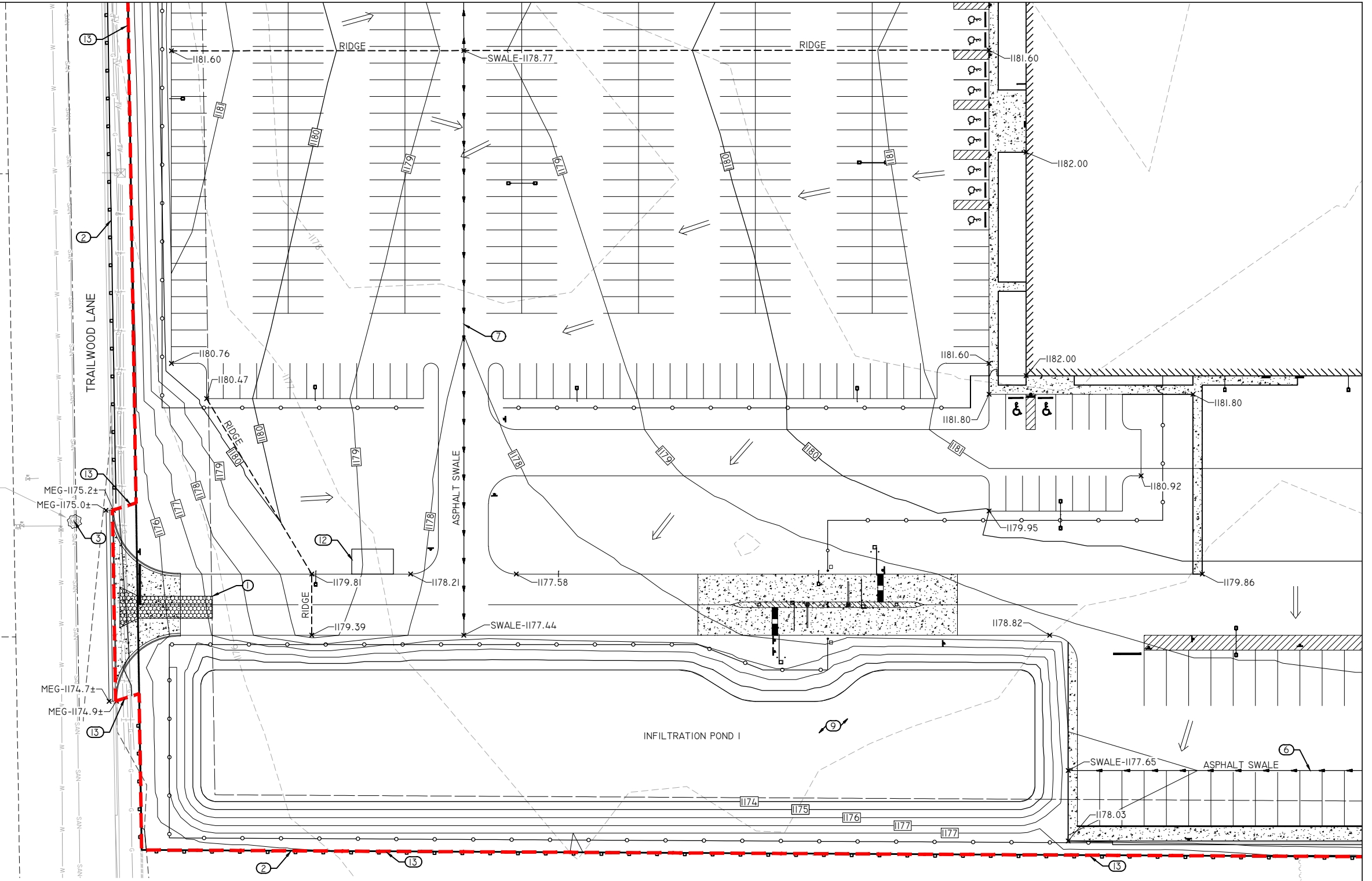
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EXISTING SAN MH
RIM ELEV=1175.23
8IN PVC (N)=1165.9
8IN PVC (S)=1165.7

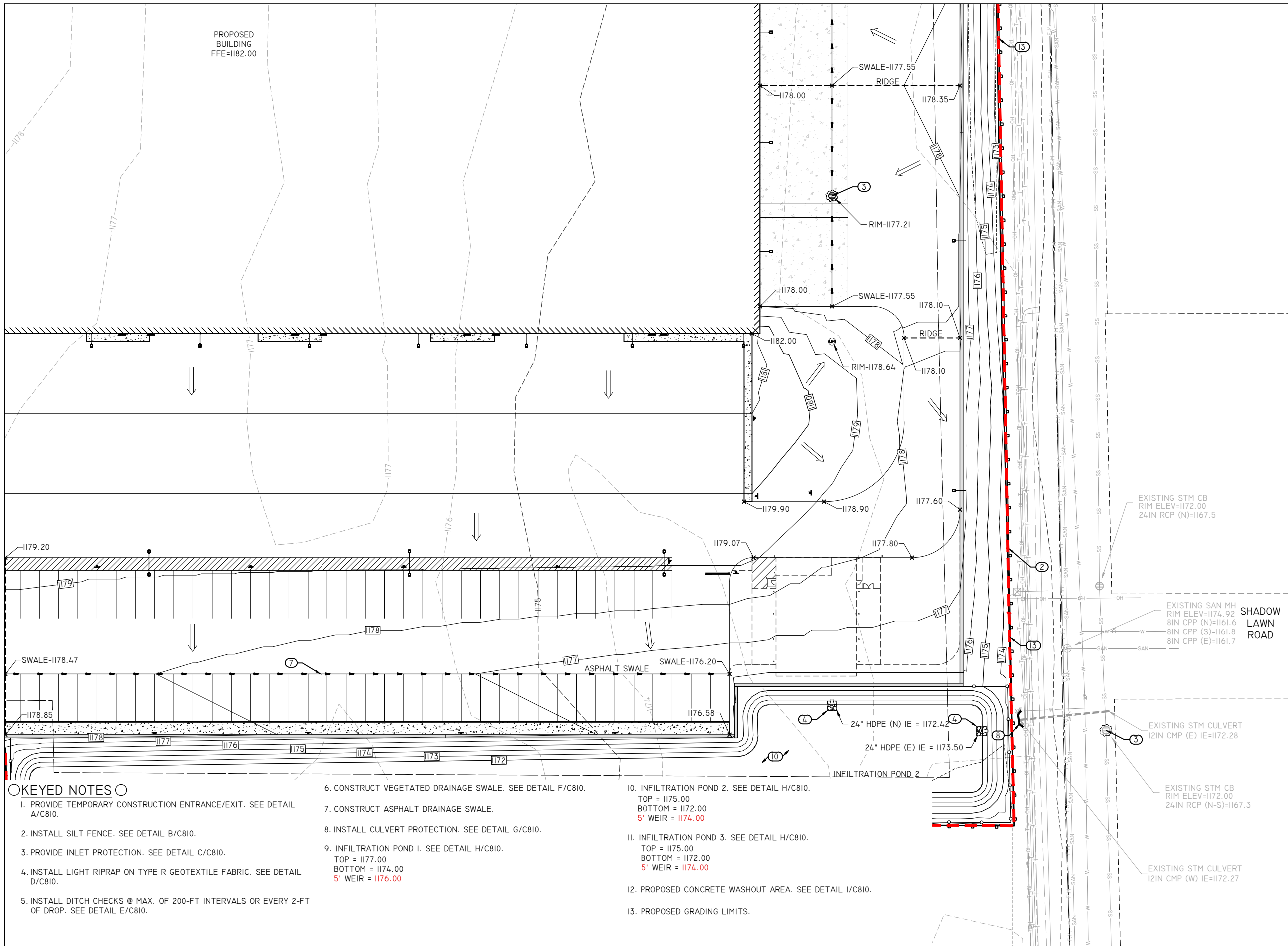


KEYED NOTES

1. PROVIDE TEMPORARY CONSTRUCTION ENTRANCE/EXIT. SEE DETAIL A/C810.
2. INSTALL SILT FENCE. SEE DETAIL B/C810.
3. PROVIDE INLET PROTECTION. SEE DETAIL C/C810.
4. INSTALL LIGHT RIPRAP ON TYPE R GEOTEXTILE FABRIC. SEE DETAIL D/C810.
5. INSTALL DITCH CHECKS @ MAX. OF 200-FT INTERVALS OR EVERY 2-FT OF DROP. SEE DETAIL E/C810.

6. CONSTRUCT VEGETATED DRAINAGE SWALE. SEE DETAIL F/C810.
7. CONSTRUCT ASPHALT DRAINAGE SWALE.
8. INSTALL CULVERT PROTECTION. SEE DETAIL G/C810.
9. INFILTRATION POND 1. SEE DETAIL H/C810.
TOP = 1177.00
BOTTOM = 1174.00
5' WEIR = 1176.00

10. INFILTRATION POND 2. SEE DETAIL H/C810.
TOP = 1175.00
BOTTOM = 1172.00
5' WEIR = 1174.00
11. INFILTRATION POND 3. SEE DETAIL H/C810.
TOP = 1175.00
BOTTOM = 1172.00
5' WEIR = 1174.00
12. PROPOSED CONCRETE WASHOUT AREA. SEE DETAIL I/C810.
13. PROPOSED GRADING LIMITS.



- SUGGESTED SEQUENCING:**
- PROVIDE CONSTRUCTION ACCESS
 - INSTALL SILT FENCE AND INLET / CULVERT PROTECTION ON EXISTING STORM STRUCTURES
 - SITE REMOVALS
 - SUBGRADE CORRECTION (IF APPLICABLE)
 - ROUGH GRADING
 - INSTALL DITCH CHECKS IN SWALES
 - BUILDING CONSTRUCTION
 - SITE UTILITY INSTALLATION
 - INSTALL INLET PROTECTION ON NEW STORM STRUCTURES
 - FINISH GRADING
 - PAVING
 - FINAL STABILIZATION

- NOTES:**
- (A) CONTRACTOR IS RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
 - (B) CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND COORDINATING ALL PROPOSED UTILITY RUNS, INSTALLATIONS AND RELOCATIONS.
 - (C) CALL DIGGERS HOTLINE @ 811 OR 1-800-242-8511 AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATING.
 - (D) ADJUST ALL MANHOLES, INLETS, AND VALVE BOXES TO FINISH GRADE.
 - (E) INSTALL WISDOT CLASS 1, TYPE B EROSION MAT ON ALL REVEGETATED SLOPES 4:1 OR GREATER AND WITHIN SWALE BOTTOMS.
 - (F) CONTRACTOR SHALL ABIDE BY THE WDNR CONSERVATION PRACTICE STANDARDS FOR INSTALLATION AND MAINTENANCE OF EROSION CONTROL.
 - (G) GRADING CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE BETWEEN PROPOSED IMPROVEMENTS AND EXISTING CONTOURS.
 - (H) IN AREAS WHERE THE PAVEMENT DRAINS ONTO ADJACENT GRASS AREAS, MAINTAIN PAVEMENT 1" ABOVE GRASS.
 - (I) SPOT ELEVATIONS SHOWN ALONG CURBLINE DENOTE FLOWLINE UNLESS SPECIFIED. REFER TO LAYOUT PLAN FOR CURB TYPES.
 - (J) CONTRACTOR SHALL REMOVE EXCESS CONSTRUCTION SEDIMENT FROM THE INFILTRATION POND PRIOR TO FINAL RESTORATION.

KEYED NOTES

- | | | |
|---|--|---|
| <p>1. PROVIDE TEMPORARY CONSTRUCTION ENTRANCE/EXIT. SEE DETAIL A/C810.</p> <p>2. INSTALL SILT FENCE. SEE DETAIL B/C810.</p> <p>3. PROVIDE INLET PROTECTION. SEE DETAIL C/C810.</p> <p>4. INSTALL LIGHT RIPRAP ON TYPE R GEOTEXTILE FABRIC. SEE DETAIL D/C810.</p> <p>5. INSTALL DITCH CHECKS @ MAX. OF 200-FT INTERVALS OR EVERY 2-FT OF DROP. SEE DETAIL E/C810.</p> | <p>6. CONSTRUCT VEGETATED DRAINAGE SWALE. SEE DETAIL F/C810.</p> <p>7. CONSTRUCT ASPHALT DRAINAGE SWALE.</p> <p>8. INSTALL CULVERT PROTECTION. SEE DETAIL G/C810.</p> <p>9. INFILTRATION POND 1. SEE DETAIL H/C810.
TOP = 1177.00
BOTTOM = 1174.00
5' WEIR = 1176.00</p> | <p>10. INFILTRATION POND 2. SEE DETAIL H/C810.
TOP = 1175.00
BOTTOM = 1172.00
5' WEIR = 1174.00</p> <p>11. INFILTRATION POND 3. SEE DETAIL H/C810.
TOP = 1175.00
BOTTOM = 1172.00
5' WEIR = 1174.00</p> <p>12. PROPOSED CONCRETE WASHOUT AREA. SEE DETAIL I/C810.</p> <p>13. PROPOSED GRADING LIMITS.</p> |
|---|--|---|

REI Engineering, INC.
4080 N. 20TH AVENUE
WAUSAU, WISCONSIN 54401
PHONE: 715.675.9784, FAX: 715.675.4060
EMAIL: MAIL@REIENGINEERING.COM



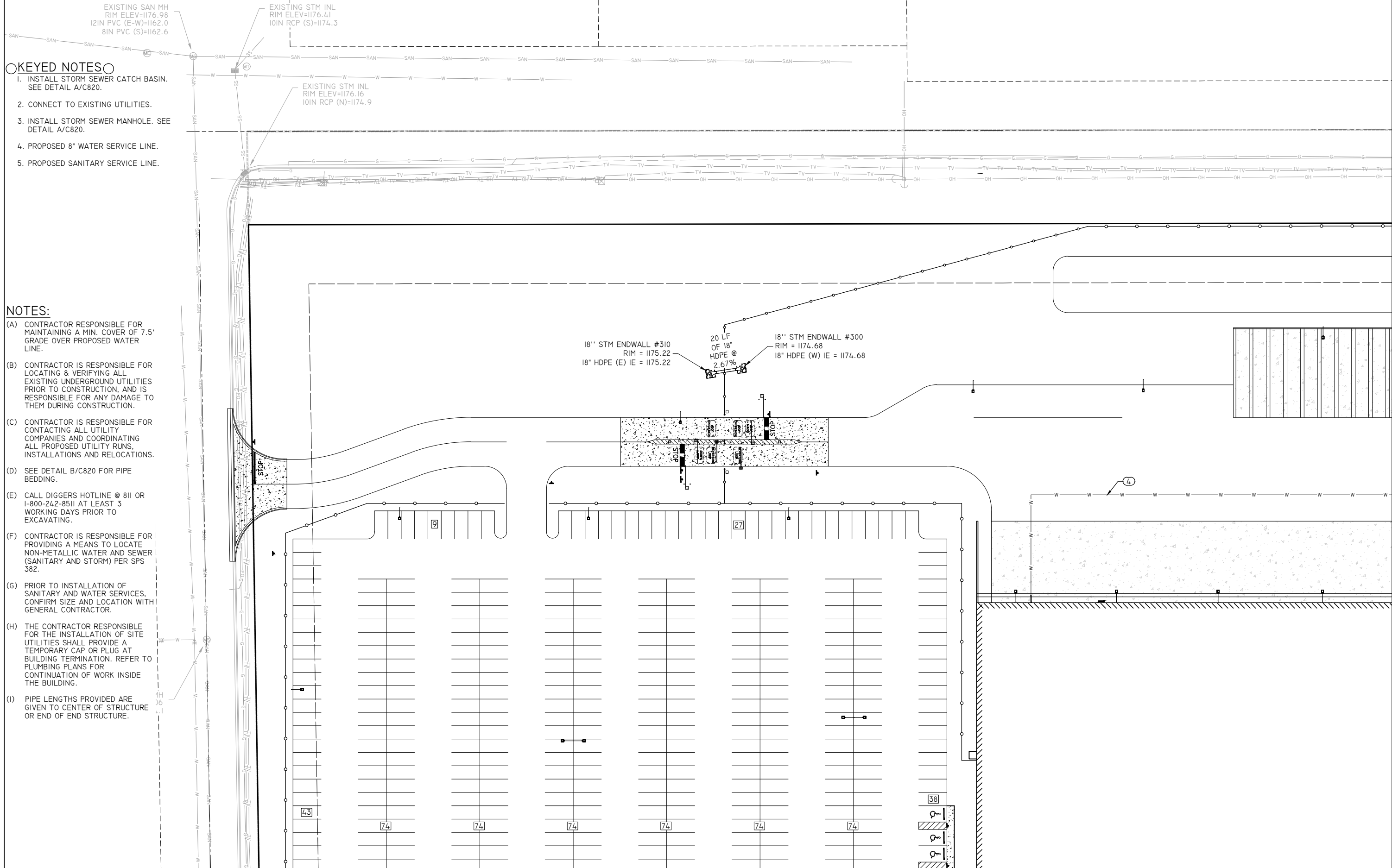
**CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING**



DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: NAP

GRADING & EROSION CONTROL PLAN - SE
PROPOSED FACILITY
COUNTY HIGHWAY XX
VILLAGE OF KRONENWETTER, WISCONSIN

REI
REI No. 10453B
SHEET C203

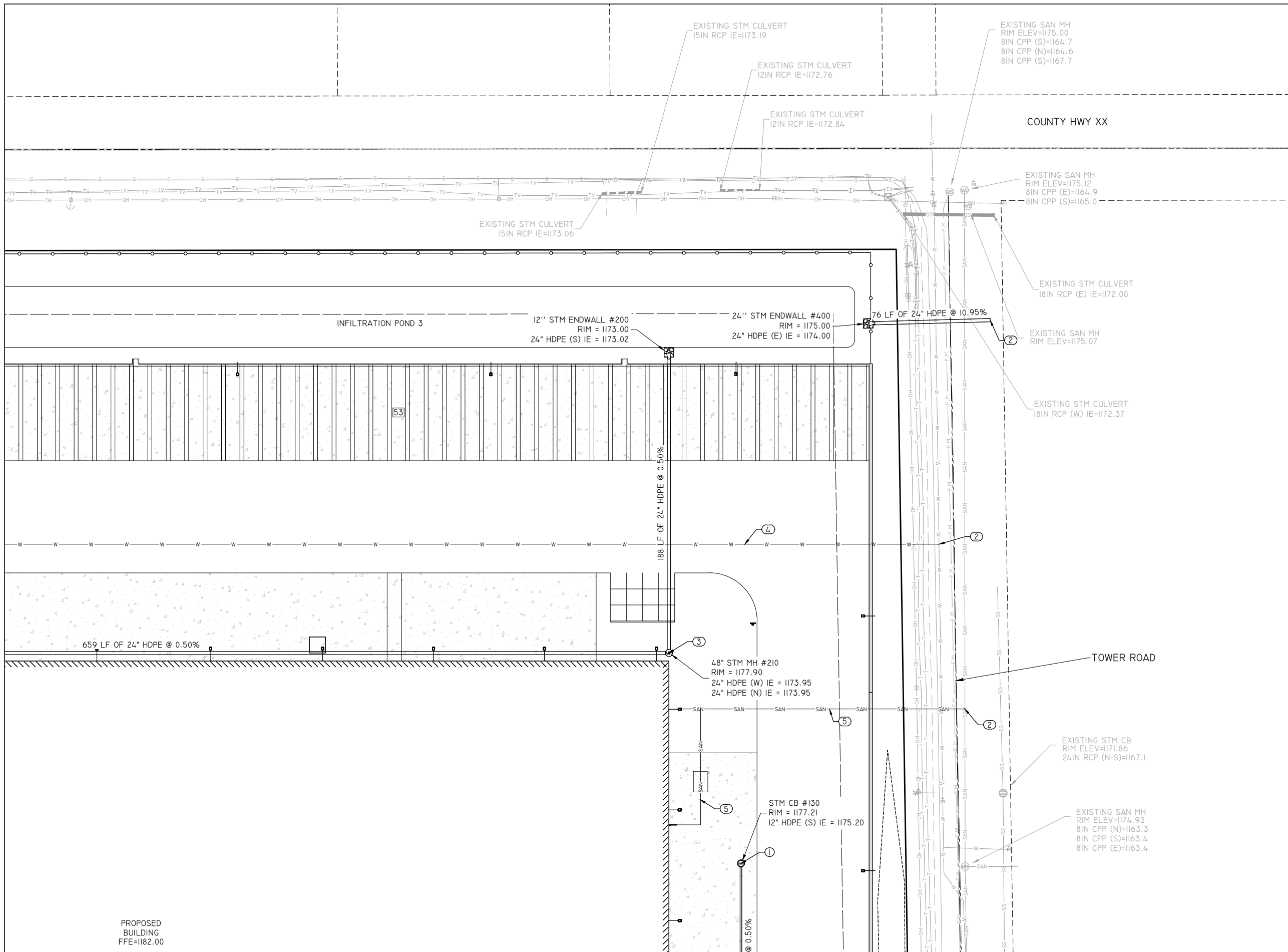


KEYED NOTES

1. INSTALL STORM SEWER CATCH BASIN. SEE DETAIL A/C820.
2. CONNECT TO EXISTING UTILITIES.
3. INSTALL STORM SEWER MANHOLE. SEE DETAIL A/C820.
4. PROPOSED 8" WATER SERVICE LINE.
5. PROPOSED SANITARY SERVICE LINE.

NOTES:

- (A) CONTRACTOR RESPONSIBLE FOR MAINTAINING A MIN. COVER OF 7.5' GRADE OVER PROPOSED WATER LINE.
- (B) CONTRACTOR IS RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
- (C) CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND COORDINATING ALL PROPOSED UTILITY RUNS, INSTALLATIONS AND RELOCATIONS.
- (D) SEE DETAIL B/C820 FOR PIPE BEDDING.
- (E) CALL DIGGERS HOTLINE @ 811 OR 1-800-242-8511 AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATING.
- (F) CONTRACTOR IS RESPONSIBLE FOR PROVIDING A MEANS TO LOCATE NON-METALLIC WATER AND SEWER (SANITARY AND STORM) PER SPS 382.
- (G) PRIOR TO INSTALLATION OF SANITARY AND WATER SERVICES, CONFIRM SIZE AND LOCATION WITH GENERAL CONTRACTOR.
- (H) THE CONTRACTOR RESPONSIBLE FOR THE INSTALLATION OF SITE UTILITIES SHALL PROVIDE A TEMPORARY CAP OR PLUG AT BUILDING TERMINATION. REFER TO PLUMBING PLANS FOR CONTINUATION OF WORK INSIDE THE BUILDING.
- (I) PIPE LENGTHS PROVIDED ARE GIVEN TO CENTER OF STRUCTURE OR END OF END STRUCTURE.



PROPOSED BUILDING FFE=1182.00

REI Engineering, Inc.
 4080 N. 20TH AVENUE
 WAUSAU, WISCONSIN 54401
 PHONE: 715.675.9784, FAX: 715.675.4060
 EMAIL: MAIL@REIENGINEERING.COM



CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: NAP

UTILITY PLAN - NE
 PROPOSED FACILITY
 COUNTY HIGHWAY XX
 VILLAGE OF KRONENWETTER, WISCONSIN

REI
 REI No. 10453B
 SHEET C301

- KEYED NOTES**
1. INSTALL STORM SEWER CATCH BASIN. SEE DETAIL A/C820.
 2. CONNECT TO EXISTING UTILITIES.
 3. INSTALL STORM SEWER MANHOLE. SEE DETAIL A/C820.
 4. PROPOSED 8" WATER SERVICE LINE.
 5. PROPOSED SANITARY SERVICE LINE.

- NOTES:**
- (A) CONTRACTOR RESPONSIBLE FOR MAINTAINING A MIN. COVER OF 7.5' GRADE OVER PROPOSED WATER LINE.
 - (B) CONTRACTOR IS RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
 - (C) CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND COORDINATING ALL PROPOSED UTILITY RUNS, INSTALLATIONS AND RELOCATIONS.
 - (D) SEE DETAIL B/C820 FOR PIPE BEDDING.
 - (E) CALL DIGGERS HOTLINE @ 811 OR 1-800-242-8511 AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATING.
 - (F) CONTRACTOR IS RESPONSIBLE FOR PROVIDING A MEANS TO LOCATE NON-METALLIC WATER AND SEWER (SANITARY AND STORM) PER SPS 382.
 - (G) PRIOR TO INSTALLATION OF SANITARY AND WATER SERVICES, CONFIRM SIZE AND LOCATION WITH GENERAL CONTRACTOR.
 - (H) THE CONTRACTOR RESPONSIBLE FOR THE INSTALLATION OF SITE UTILITIES SHALL PROVIDE A TEMPORARY CAP OR PLUG AT BUILDING TERMINATION. REFER TO PLUMBING PLANS FOR CONTINUATION OF WORK INSIDE THE BUILDING.
 - (I) PIPE LENGTHS PROVIDED ARE GIVEN TO CENTER OF STRUCTURE OR END OF END STRUCTURE.

MH (BOLTED SHUT)
RIM ELEV=1174.56

TRAILWOOD LANE

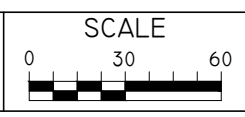
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INFILTRATION POND I

REI Engineering, INC.
4080 N. 20TH AVENUE
WAUSAU, WISCONSIN 54401
PHONE: 715.675.9784, FAX: 715.675.4060
EMAIL: MAIL@REIENGINEERING.COM



**CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING**



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UTILITY PLAN - SW
PROPOSED FACILITY
COUNTY HIGHWAY XX
VILLAGE OF KRONENWETTER, WISCONSIN

REI
REI No. 10453B
SHEET C302

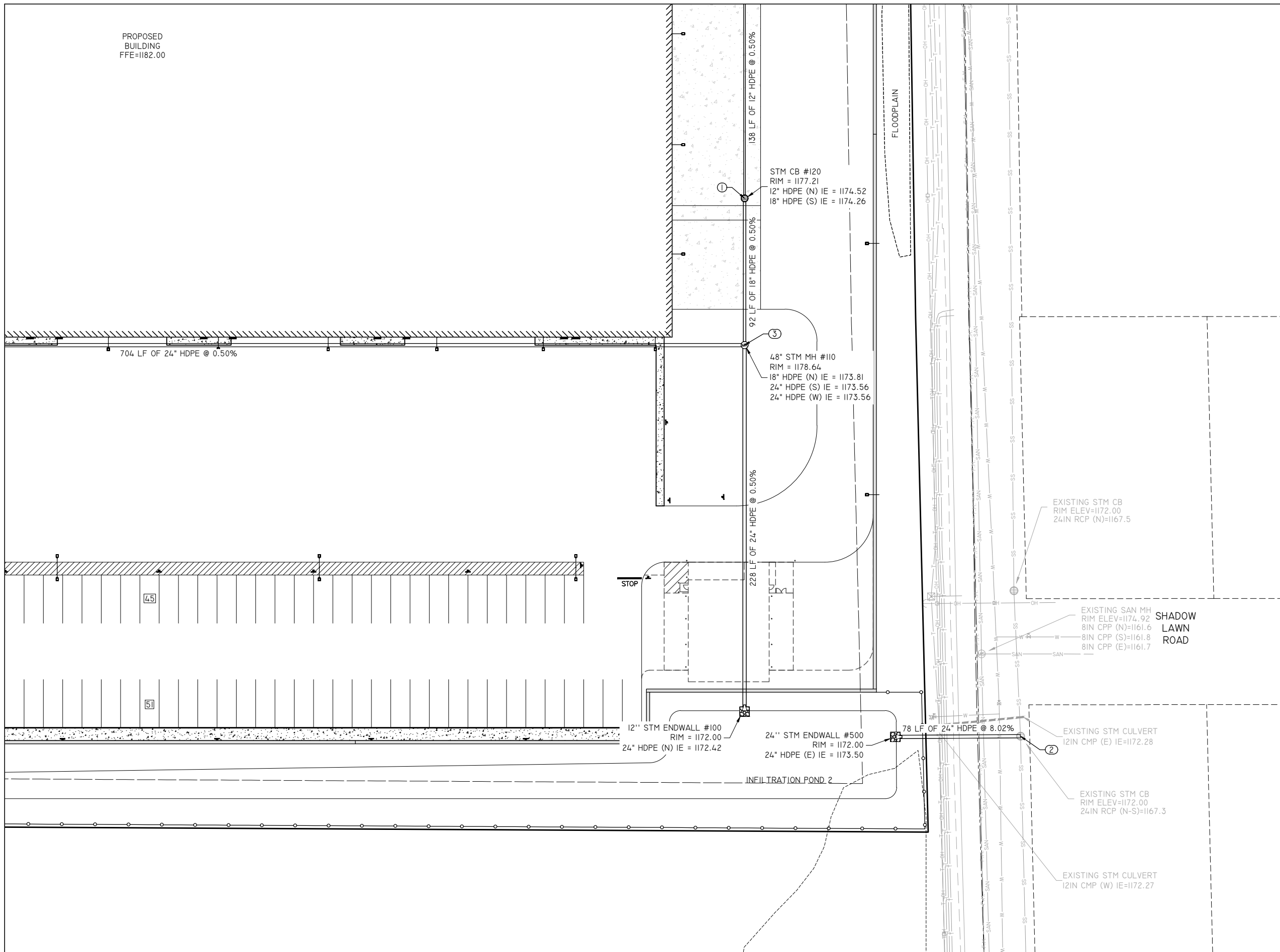
PROPOSED BUILDING
FFE=1182.00

KEYED NOTES

1. INSTALL STORM SEWER CATCH BASIN. SEE DETAIL A/C820.
2. CONNECT TO EXISTING UTILITIES.
3. INSTALL STORM SEWER MANHOLE. SEE DETAIL A/C820.
4. PROPOSED 8" WATER SERVICE LINE.
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NOTES:

- (A) CONTRACTOR RESPONSIBLE FOR MAINTAINING A MIN. COVER OF 7.5' GRADE OVER PROPOSED WATER LINE.
- (B) CONTRACTOR IS RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
- (C) CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND COORDINATING ALL PROPOSED UTILITY RUNS, INSTALLATIONS AND RELOCATIONS.
- (D) SEE DETAIL B/C820 FOR PIPE BEDDING.
- (E) CALL DIGGERS HOTLINE @ 811 OR 1-800-242-8511 AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATING.
- (F) CONTRACTOR IS RESPONSIBLE FOR PROVIDING A MEANS TO LOCATE NON-METALLIC WATER AND SEWER (SANITARY AND STORM) PER SPS 382.
- (G) PRIOR TO INSTALLATION OF SANITARY AND WATER SERVICES, CONFIRM SIZE AND LOCATION WITH GENERAL CONTRACTOR.
- (H) THE CONTRACTOR RESPONSIBLE FOR THE INSTALLATION OF SITE UTILITIES SHALL PROVIDE A TEMPORARY CAP OR PLUG AT BUILDING TERMINATION. REFER TO PLUMBING PLANS FOR CONTINUATION OF WORK INSIDE THE BUILDING.
- (I) PIPE LENGTHS PROVIDED ARE GIVEN TO CENTER OF STRUCTURE OR END OF END STRUCTURE.



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WAUSAU, WISCONSIN 54401
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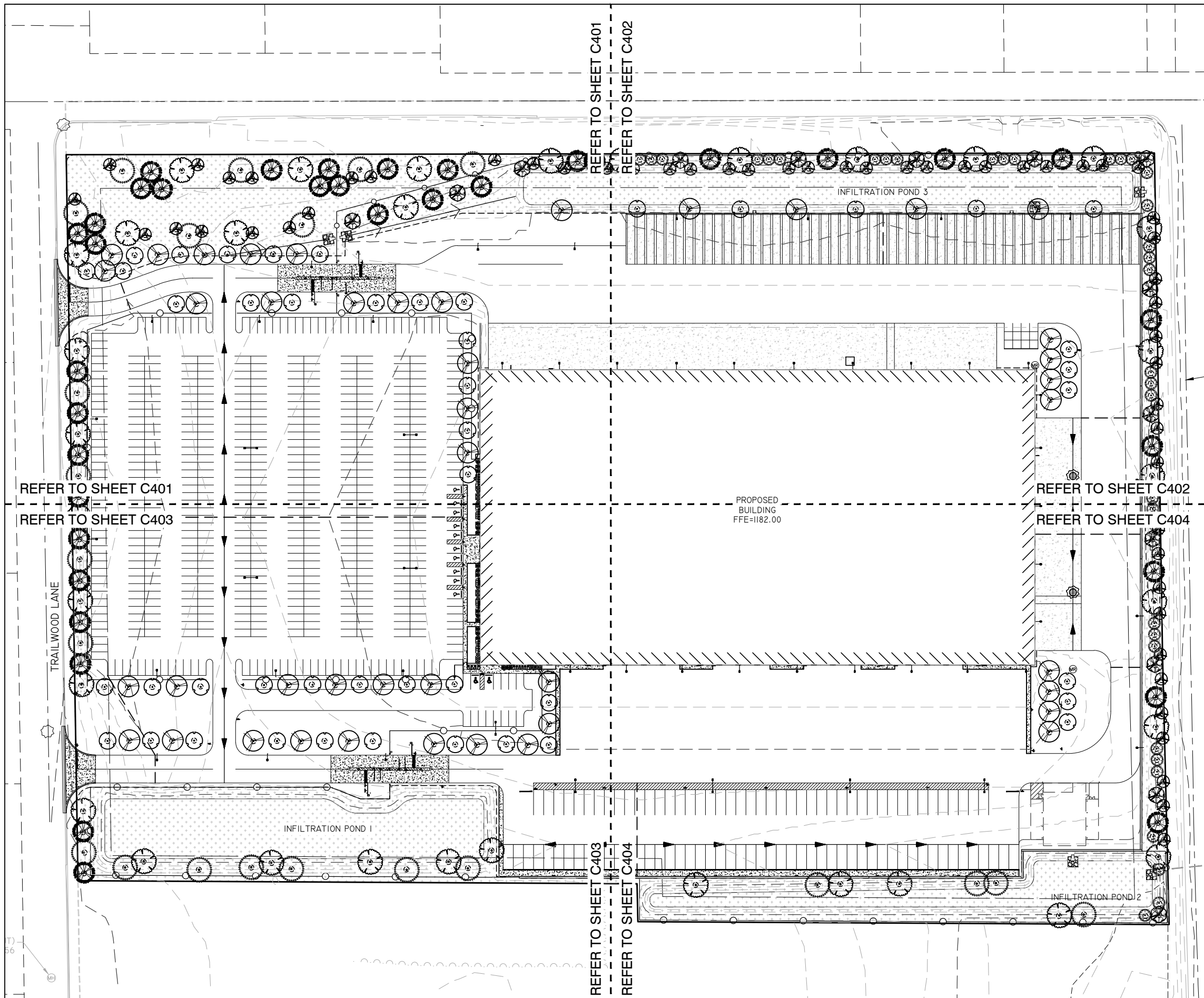
**CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING**



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				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: NAP

UTILITY PLAN - SE
PROPOSED FACILITY
COUNTY HIGHWAY XX
VILLAGE OF KRONENWETTER, WISCONSIN





GENERAL NOTES:

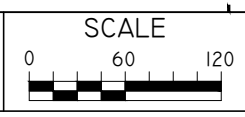
- (A) NO PLANT OR MATERIAL SUBSTITUTIONS WILL BE ACCEPTED *UNLESS APPROVED IN ADVANCE BY LANDSCAPE DESIGNER OR OWNER.
- (B) LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
- (C) CALL DIGGERS HOTLINE @ 811 OR 1-800-242-8511 AT LEAST 5 WORKING DAYS PRIOR TO DEMOLITION, EXCAVATION OR ANY CONSTRUCTION ACTIVITY.
- (D) ALL PLANT MATERIAL SHALL BE GUARANTEED ONE (1) FULL GROWING SEASON FOLLOWING TOTAL COMPLETION OF PROJECT AND ACCEPTANCE BY OWNER. PLANT INSTALLATION INCLUDES A ONE TIME REPLACEMENT WARRANTY UPON REQUEST BY OWNER DUE TO DEATH, UNSATISFACTORY GROWTH OR SIGNIFICANT DIEBACK. WARRANTY EXPIRES AFTER FIRST FULL GROWING SEASON FOLLOWING PROJECT COMPLETION.
- (E) LANDSCAPE CONTRACTOR SHALL VERIFY MINIMUM 6" TOPSOIL DEPTH FOR ALL AREAS TO BE SEEDED/SODDED THROUGHOUT PROJECT SITE. CONTRACTOR IS REQUIRED TO CORRECT ANY DEFICIENCIES PRIOR TO SEED/SOD. TOPSOIL SHALL BE SCREENED AND CLEAN AND FREE OF STONES, WEEDS AND OTHER UNDESIRABLE DEBRIS.
- (F) LANDSCAPE CONTRACTOR SHALL VERIFY MINIMUM 18" PLANTING SOIL DEPTH FOR ALL PROPOSED PLANTING BED AREAS THROUGHOUT THE PROJECT SITE. LANDSCAPE CONTRACTOR IS REQUIRED TO CORRECT ANY DEFICIENCIES AND EXCAVATE ALL PLANTING AREAS TO REQUIRED DEPTHS PRIOR TO PLANT INSTALLATION. PLANTING SOIL & AREA SHALL BE CLEAN AND FREE OF STONES, WEEDS, CONCRETE WASTE AND OTHER UNDESIRABLE DEBRIS. (REFER TO DETAILS ON SHEET C405) IF ANY PLANTING AREAS WERE UTILIZED FOR CONCRETE WASH/WASTE PITS, ALL MATERIAL SHALL BE REMOVED PRIOR TO PREPPING BEDS.
- (G) LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING TOPSOIL AND SEEDING OR SODDING ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY, INCLUDING ALL R.O.W. AND ADJACENT PROPERTIES.
- (H) CONTRACTOR SHALL CLEAN ALL PAVEMENT AREAS AFTER LANDSCAPE CONSTRUCTION ACTIVITIES ARE COMPLETE AND APPROVED BY OWNER. *THIS TO BE DONE DAILY AS DEEMED NECESSARY BY MUNICIPALITY.
- (I) PERMANENT IRRIGATION PLAN/SYSTEM TO BE PROVIDED BY OTHERS ONLY IF A SYSTEM IS REQUIRED BY THE MUNICIPALITY OR OWNER.
- (J) IF THERE WILL BE NO PERMANENT IRRIGATION SYSTEM INSTALLED PRIOR TO PLANT INSTALLATION, THE LANDSCAPE CONTRACTOR IS RESPONSIBLE TO TEMPORARILY MAINTAIN/WATER ALL PLANT MATERIAL/SEEDED AREAS OR ENSURE A TEMPORARY IRRIGATION SYSTEM IS FULLY FUNCTIONAL UPON INSTALLATION OF PLANT MATERIAL. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARILY IRRIGATING ALL PLANT MATERIAL 2-3 TIMES PER WEEK FOR 2-3 MONTHS UNTIL ROOT SYSTEMS OF ALL PLANT MATERIALS HAVE TIME TO ESTABLISH & GENERATE GROWTH. TEMPORARY IRRIGATION PLAN STRATEGY TO BE APPROVED IN ADVANCE BY OWNER.

REFER TO SHEET C405
FOR COMPLETE PLANT SCHEDULE.

REI Engineering, INC.
4080 N. 20TH AVENUE
WAUSAU, WISCONSIN 54401
PHONE: 715.675.9784, FAX: 715.675.4060
EMAIL: MAIL@REIENGINEERING.COM



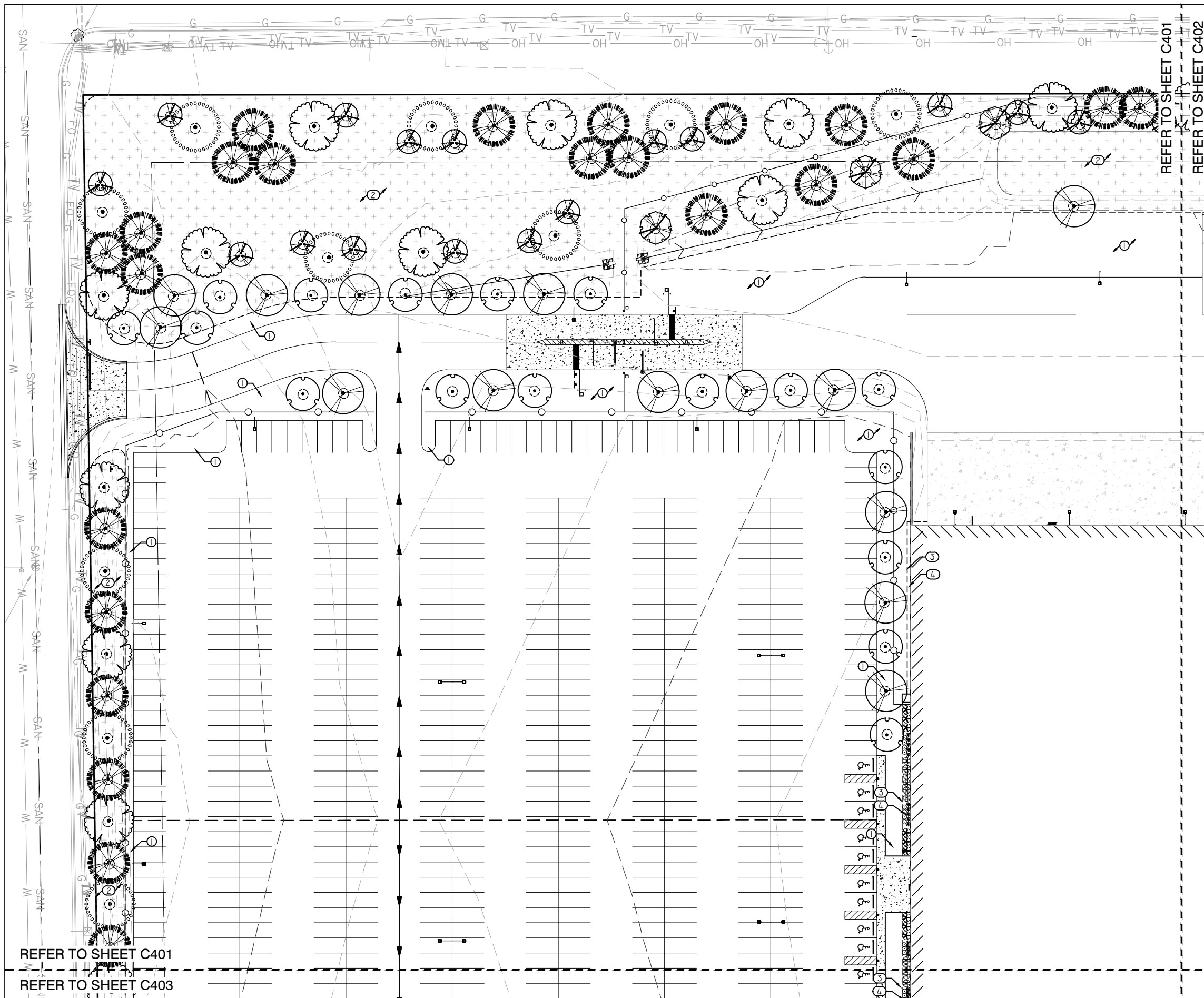
**CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING**



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				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: KJS

LANDSCAPE PLAN - OVERALL
PROPOSED FACILITY
COUNTY HIGHWAY XX
VILLAGE OF KRONENWETTER, WISCONSIN

REI
REI No. 10453B
SHEET C400



KEYED NOTES

1. SEED, FERTILIZER & MULCH (HYDROSEED), *ALL AREAS NOTED ON PLAN & ALL DISTURBED AREAS DUE TO CONSTRUCTION ACTIVITY.
2. AGRECOL, INFILTRATION SWALE SEED MIX, APPLY GLYPHOSATE HERBICIDE TO AREA WHEN MAJORITY OF WEEDS ARE 2"-3" TALL. WAIT 10 DAYS THEN FINELY TILL THE SOIL ONLY 1"-2" DOWN AND PLANT IMMEDIATELY BY HAND BROADCASTING AT A RATE OF 11 LBS/ACRE. RAKE OR DRAG AREA LIGHTLY, COVERING THE SEED WITH ABOUT 1/4" TO 1/2" OF SOIL. ROLL AREA FIRMLY AFTER RAKING. MULCH PRAIRIE SEEDED AREAS LESS THAN 4:1 SLOPE WITH 1" OF WEED FREE STRAW MULCH. APPLY WISDOT NET-FREE CLASS I, URBAN TYPE B EROSION MAT ON SLOPING AREAS STEEPER THAN 4:1. *REFER TO AGRECOL'S "NATIVE SEEDING INSTRUCTIONS" ON THEIR WEBSITE FOR DETAILED INSTRUCTIONS/GUIDELINES FOR SUCCESSFUL SEED ESTABLISHMENT AND MANAGEMENT. (LINK BELOW)

[HTTPS://WWW.AGRECOL.COM/NATIVE-SEEDING-INSTRUCTIONS_EP_44.HTML](https://www.agrecol.com/native-seeding-instructions_ep_44.html)
3. ALUMINUM EDGING, CURV-RITE 200 SERIES, BRONZE COLOR, *INSTALL PER MANUFACTURER SPECIFICATIONS.
4. DECORATIVE STONE MULCH, 3"-4" DIAMETER ROUND COBBLES WITH COMMERCIAL GRADE WEED BARRIER FABRIC UNDERLAYMENT.

REFER TO SHEET C405
FOR COMPLETE PLANT SCHEDULE.

PLANT SCHEDULE

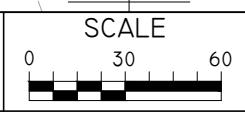
SYMBOL	COMMON NAME	BOTANICAL NAME
DECIDUOUS TREES		
	Autumn Blaze® Freeman Maple	Acer x freemanii 'Jeffersred'
	Fall Fiesta® Sugar Maple	Acer saccharum 'Bailsta'
	Red Oak	Quercus rubra
	River Birch Multi-Trunk	Betula nigra
	Sugar Maple	Acer saccharum
	Swamp White Oak	Quercus bicolor
EVERGREEN TREES		
	White Pine	Pinus alba
	White Spruce	Picea glauca
DECIDUOUS SHRUBS		
	Arctic Fire® Red Twig Dogwood	Cornus sericea 'Farrow'
EVERGREEN SHRUBS		
	Kallay Compact Pfitzer Juniper	Juniperus chinensis 'Kallays Compact'
PERENNIALS		
	Little Bluestem	Schizachyrium scoparium
	Prairie Dropseed	Sporobolus heterolepis

REFER TO SHEET C401
REFER TO SHEET C403

REI Engineering, INC.
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WAUSAU, WISCONSIN 54401
PHONE: 715.675.9784, FAX: 715.675.4060
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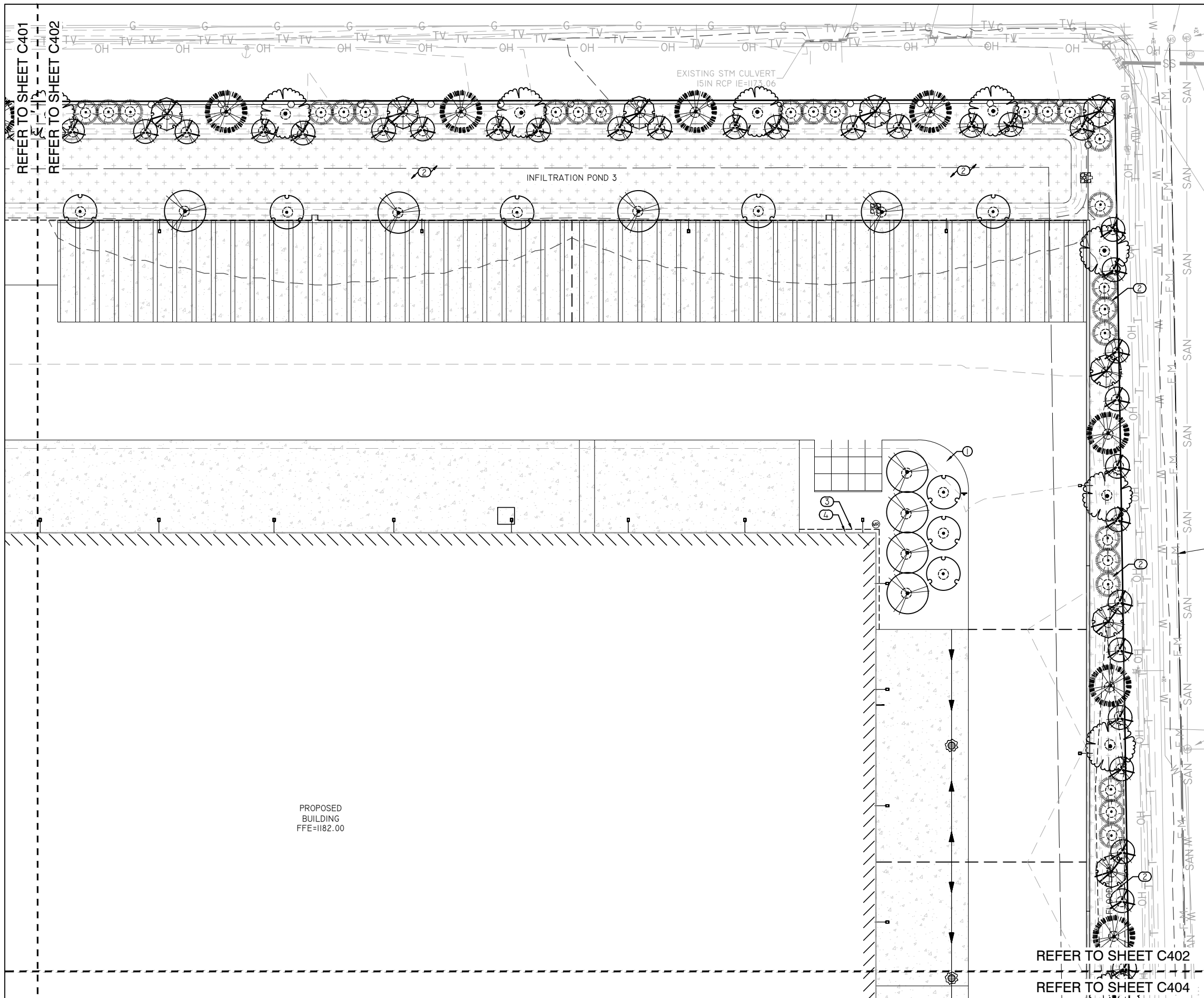
**CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING**



DATE	ISSUANCE	BY	CHKD	SURVEYED BY:	DESIGNED BY:	SURVEY DATE:
		JAF	LAZ	JAF	LAZ	10/14/2025
		JWP		JWP		01/30/2026
		JWP		JWP		

LANDSCAPE PLAN - NW
PROPOSED FACILITY
COUNTY HIGHWAY XX
VILLAGE OF KRONENWETTER, WISCONSIN

REI
REI No. 10453B
SHEET C401



KEYED NOTES

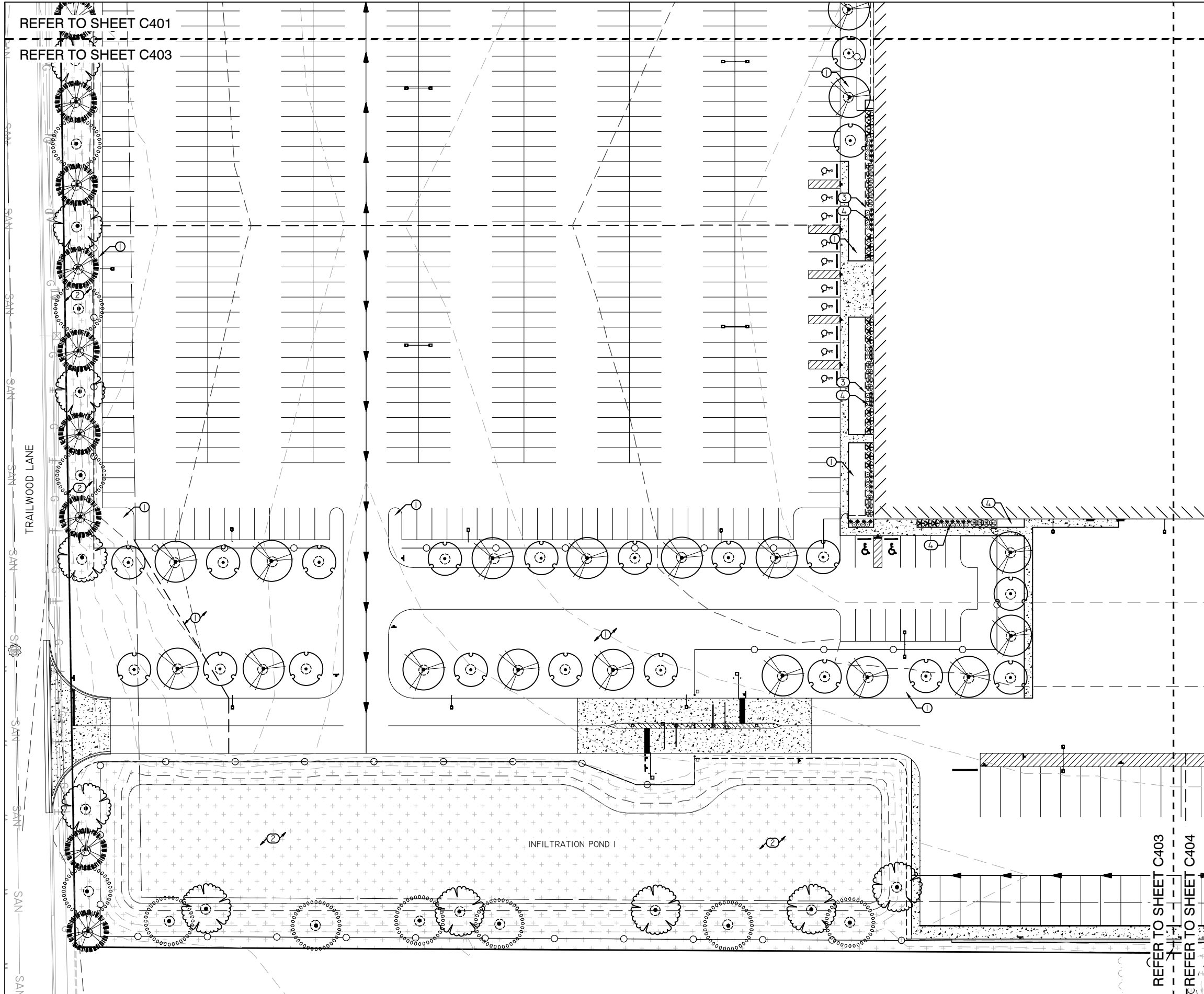
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[HTTPS://WWW.AGRECOL.COM/NATIVE-SEEDING-INSTRUCTIONS_EP_44.HTML](https://www.agrecol.com/native-seeding-instructions_ep_44.html)
- ALUMINUM EDGING, CURV-RITE 200 SERIES, BRONZE COLOR, *INSTALL PER MANUFACTURER SPECIFICATIONS.
- DECORATIVE STONE MULCH, 3"-4" DIAMETER ROUND COBBLES WITH COMMERCIAL GRADE WEED BARRIER FABRIC UNDERLAYMENT.

REFER TO SHEET C405
FOR COMPLETE PLANT SCHEDULE.

PLANT SCHEDULE

SYMBOL	COMMON NAME	BOTANICAL NAME
DECIDUOUS TREES		
	Autumn Blaze® Freeman Maple	Acer x freemanii 'Jeffersred'
	Fall Fiesta® Sugar Maple	Acer saccharum 'Bailsta'
	Red Oak	Quercus rubra
	River Birch Multi-Trunk	Betula nigra
	Sugar Maple	Acer saccharum
	Swamp White Oak	Quercus bicolor
EVERGREEN TREES		
	White Pine	Pinus alba
	White Spruce	Picea glauca
DECIDUOUS SHRUBS		
	Arctic Fire® Red Twig Dogwood	Cornus sericea 'Farrow'
EVERGREEN SHRUBS		
	Kallay Compact Pfitzer Juniper	Juniperus chinensis 'Kallays Compact'
PERENNIALS		
	Little Bluestem	Schizachyrium scoparium
	Prairie Dropseed	Sporobolus heterolepis



KEYED NOTES

1. SEED, FERTILIZER & MULCH (HYDROSEED), *ALL AREAS NOTED ON PLAN & ALL DISTURBED AREAS DUE TO CONSTRUCTION ACTIVITY.
2. AGRECOL, INFILTRATION SWALE SEED MIX, APPLY GLYPHOSATE HERBICIDE TO AREA WHEN MAJORITY OF WEEDS ARE 2"-3" TALL. WAIT 10 DAYS THEN FINELY TILL THE SOIL ONLY 1"-2" DOWN AND PLANT IMMEDIATELY BY HAND BROADCASTING AT A RATE OF 11 LBS/ACRE. RAKE OR DRAG AREA LIGHTLY, COVERING THE SEED WITH ABOUT 1/4" TO 1/2" OF SOIL. ROLL AREA FIRMLY AFTER RAKING. MULCH PRAIRIE SEEDED AREAS LESS THAN 4:1 SLOPE WITH 1" OF WEED FREE STRAW MULCH. APPLY WISDOT NET-FREE CLASS I, URBAN TYPE B EROSION MAT ON SLOPING AREAS STEEPER THAN 4:1. *REFER TO AGRECOL'S "NATIVE SEEDING INSTRUCTIONS" ON THEIR WEBSITE FOR DETAILED INSTRUCTIONS/GUIDELINES FOR SUCCESSFUL SEED ESTABLISHMENT AND MANAGEMENT. (LINK BELOW)

[HTTPS://WWW.AGRECOL.COM/NATIVE-SEEDING-INSTRUCTIONS_EP_44.HTML](https://www.agrecol.com/native-seeding-instructions_ep_44.html)
3. ALUMINUM EDGING, CURV-RITE 200 SERIES, BRONZE COLOR, *INSTALL PER MANUFACTURER SPECIFICATIONS.
4. DECORATIVE STONE MULCH, 3"-4" DIAMETER ROUND COBBLES WITH COMMERCIAL GRADE WEED BARRIER FABRIC UNDERLAYMENT.

REFER TO SHEET C405 FOR COMPLETE PLANT SCHEDULE.

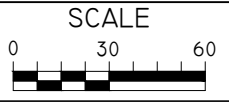
PLANT SCHEDULE

SYMBOL	COMMON NAME	BOTANICAL NAME
DECIDUOUS TREES		
	Autumn Blaze® Freeman Maple	Acer x freemanii 'Jeffersred'
	Fall Fiesta® Sugar Maple	Acer saccharum 'Bailsta'
	Red Oak	Quercus rubra
	River Birch Multi-Trunk	Betula nigra
	Sugar Maple	Acer saccharum
	Swamp White Oak	Quercus bicolor
EVERGREEN TREES		
	White Pine	Pinus alba
	White Spruce	Picea glauca
DECIDUOUS SHRUBS		
	Arctic Fire® Red Twig Dogwood	Cornus sericea 'Farrow'
EVERGREEN SHRUBS		
	Kallay Compact Pfitzer Juniper	Juniperus chinensis 'Kallays Compact'
PERENNIALS		
	Little Bluestem	Schizachyrium scoparium
	Prairie Dropseed	Sporobolus heterolepis

REI Engineering, Inc.
 4080 N. 20TH AVENUE
 WAUSAU, WISCONSIN 54401
 PHONE: 715.675.9784, FAX: 715.675.4060
 EMAIL: MAIL@REIENGINEERING.COM



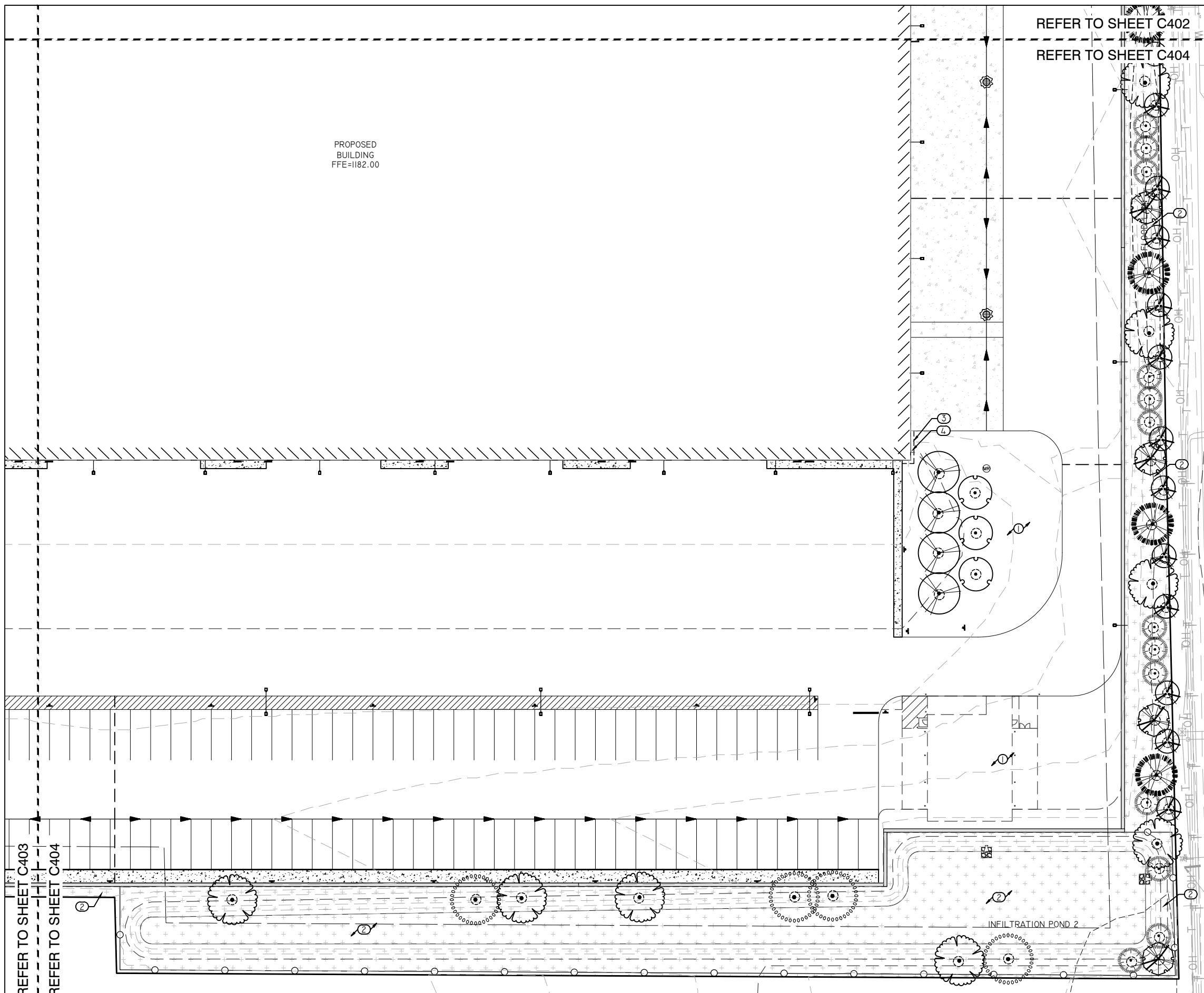
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING



DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: KJS

LANDSCAPE PLAN - SW
 PROPOSED FACILITY
 COUNTY HIGHWAY XX
 VILLAGE OF KRONENWETTER, WISCONSIN

REI
 REI No. 10453B
 SHEET C403



PROPOSED
BUILDING
FFE=1182.00

REFER TO SHEET C402

REFER TO SHEET C404

REFER TO SHEET C403

REFER TO SHEET C404

INFILTRATION POND 2

KEYED NOTES

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REFER TO SHEET C405
FOR COMPLETE PLANT SCHEDULE.

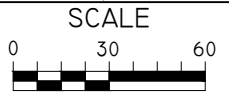
PLANT SCHEDULE

SYMBOL	COMMON NAME	BOTANICAL NAME
DECIDUOUS TREES		
	Autumn Blaze® Freeman Maple	Acer x freemanii 'Jeffersred'
	Fall Fiesta® Sugar Maple	Acer saccharum 'Bailsta'
	Red Oak	Quercus rubra
	River Birch Multi-Trunk	Betula nigra
	Sugar Maple	Acer saccharum
	Swamp White Oak	Quercus bicolor
EVERGREEN TREES		
	White Pine	Pinus alba
	White Spruce	Picea glauca
DECIDUOUS SHRUBS		
	Arctic Fire® Red Twig Dogwood	Cornus sericea 'Farrow'
EVERGREEN SHRUBS		
	Kallay Compact Pfitzer Juniper	Juniperus chinensis 'Kallays Compact'
PERENNIALS		
	Little Bluestem	Schizachyrium scoparium
	Prairie Dropseed	Sporobolus heterolepis

REI Engineering, INC.
4080 N. 20TH AVENUE
WAUSAU, WISCONSIN 54401
PHONE: 715.675.9784, FAX: 715.675.4060
EMAIL: MAIL@REIENGINEERING.COM



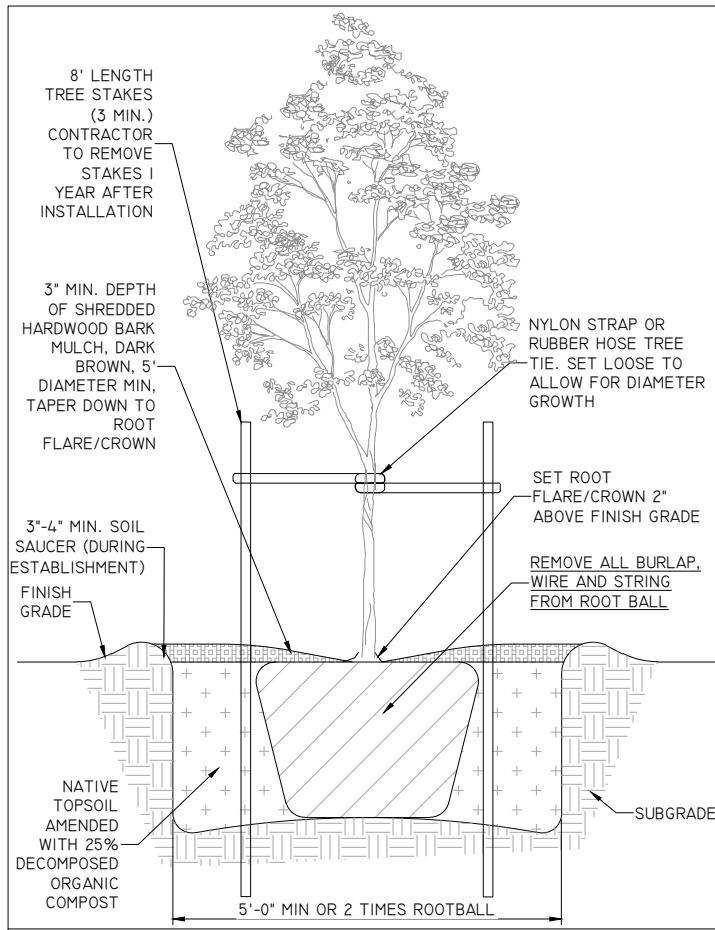
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING



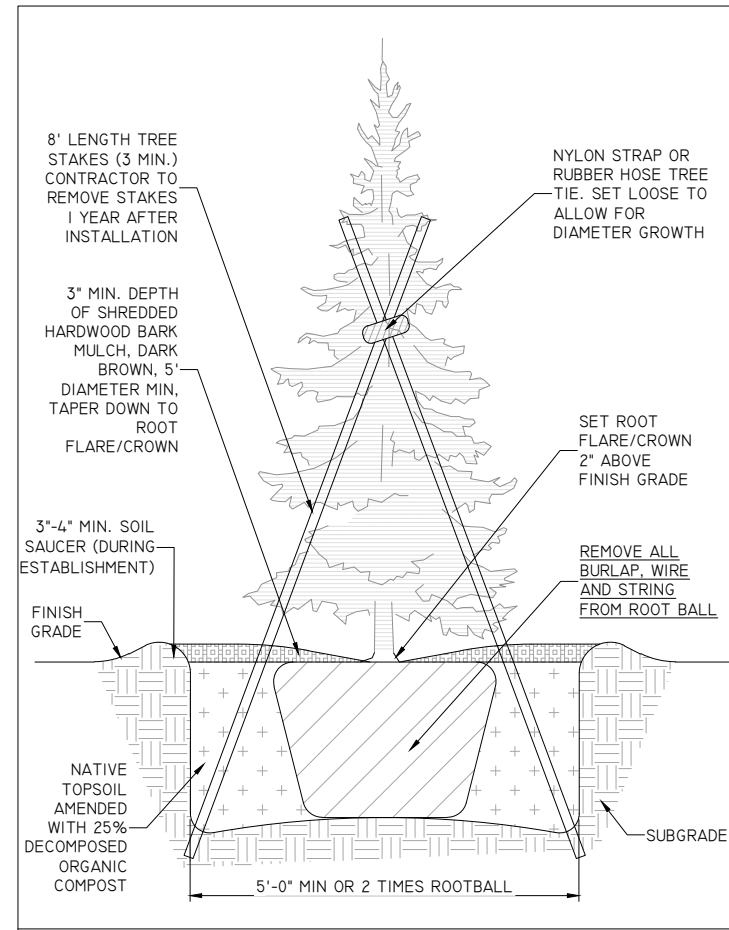
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				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: KJS

LANDSCAPE PLAN - SE
PROPOSED FACILITY
COUNTY HIGHWAY XX
VILLAGE OF KRONENWETTER, WISCONSIN

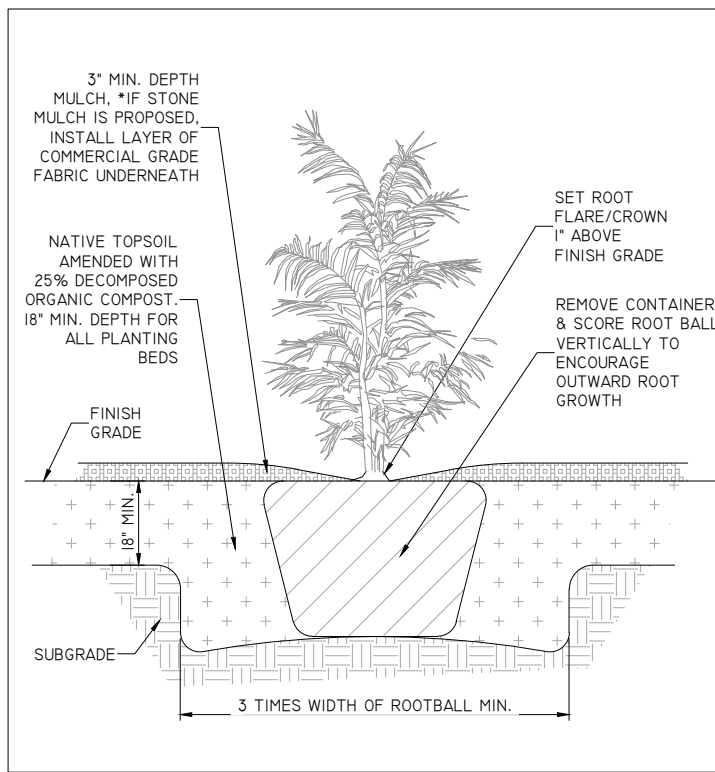
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SHEET C404



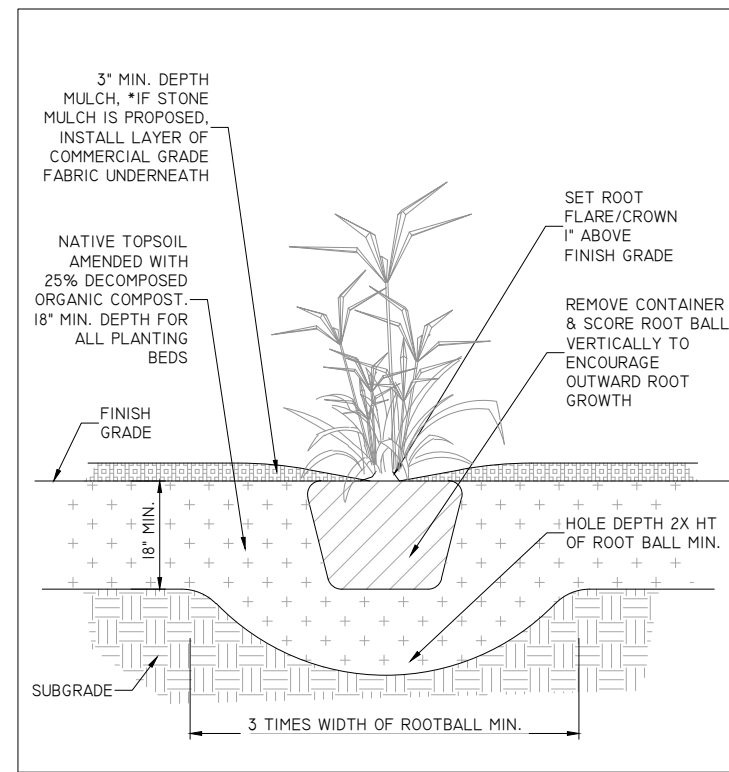
DECIDUOUS TREE - PLANTING DETAIL



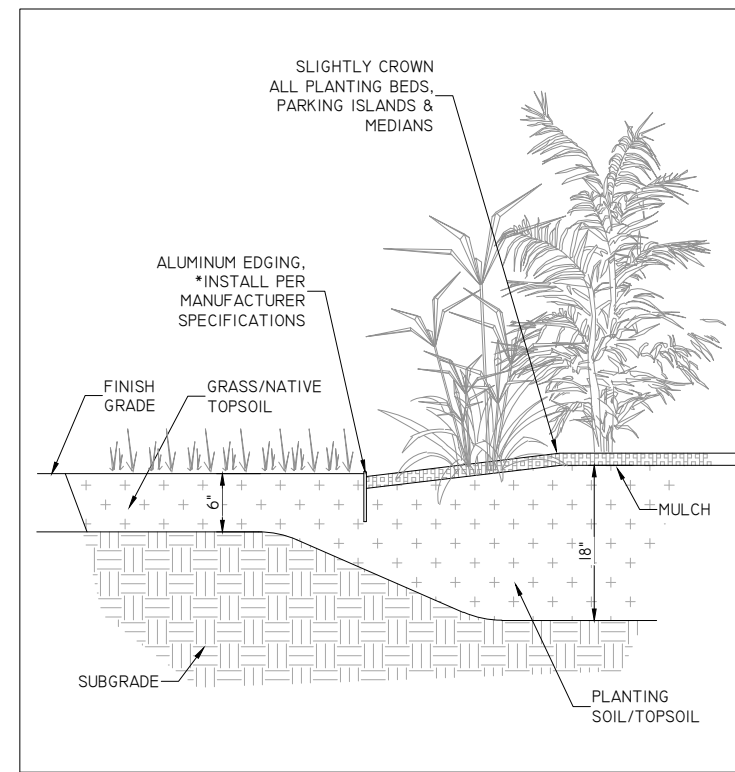
EVERGREEN TREE - PLANTING DETAIL



SHRUB - PLANTING DETAIL



PERENNIAL - PLANTING DETAIL



PLANTING BED & EDGING - DETAIL

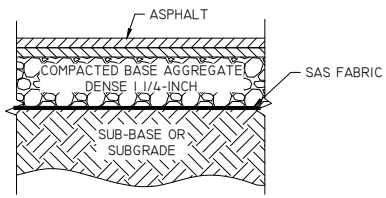
REFER TO ATTACHED LANDSCAPE CALCULATIONS DOCUMENT FOR DETAILED LANDSCAPE POINT REQUIREMENTS.

PLANT SCHEDULE					
SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE	CONT.	QTY
DECIDUOUS TREES					
	Autumn Blaze® Freeman Maple	<i>Acer x freemanii 'Jeffersred'</i>	2" Cal.	B&B	46
	Fall Fiesta® Sugar Maple	<i>Acer saccharum 'Baista'</i>	2" Cal.	B&B	43
	Red Oak	<i>Quercus rubra</i>	2" Cal.	B&B	22
	River Birch Multi-Trunk	<i>Betula nigra</i>	1.5" Cal.	B&B	56
	Sugar Maple	<i>Acer saccharum</i>	2" Cal.	B&B	14
	Swamp White Oak	<i>Quercus bicolor</i>	2" Cal.	B&B	34
EVERGREEN TREES					
	White Pine	<i>Pinus alba</i>	6" Ht.	B&B	36
	White Spruce	<i>Picea glauca</i>	6" Ht.	B&B	36
DECIDUOUS SHRUBS					
	Arctic Fire® Red Twig Dogwood	<i>Cornus sericea 'Farrow'</i>	5 gal.	Pot	17
EVERGREEN SHRUBS					
	Kallay Compact Pfitzer Juniper	<i>Juniperus chinensis 'Kallays Compact'</i>	5 gal.	Pot	18
PERENNIALS					
	Little Bluestem	<i>Schizachyrium scoparium</i>	1 gal.	Pot	33
	Prairie Dropseed	<i>Sporobolus heterolepis</i>	1 gal.	Pot	28



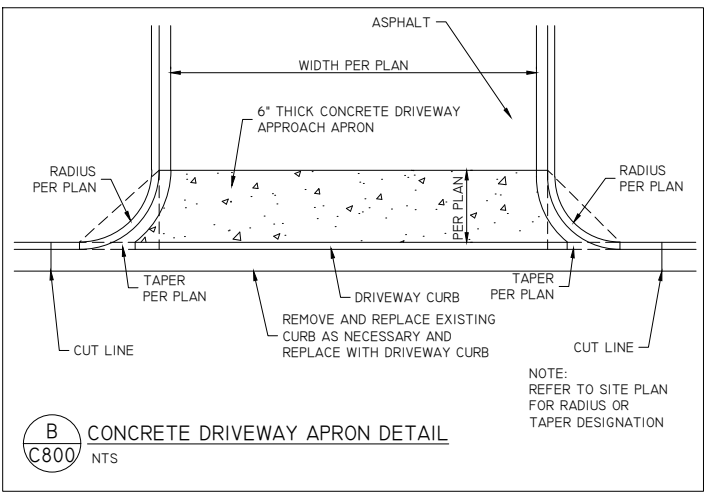
DATE	ISSUANCE	BY	CHKD	SURVEYED BY:	DESIGNED BY:	SURVEY DATE:
				JAF	LAZ	10/14/2025
				JWP	JWP	01/30/2026
				JWP	KJS	

LIGHT DUTY		HEAVY DUTY	
SURFACE COURSE (4 LT 58-28S)	1.5"	SURFACE COURSE (4 LT 58-28S)	2.50"
BINDER COURSE (4 LT 58-28S)	1.5"	BINDER COURSE (3 LT 58-28S)	3.00"
BASE AGGREGATE	8"	BASE AGGREGATE	10"

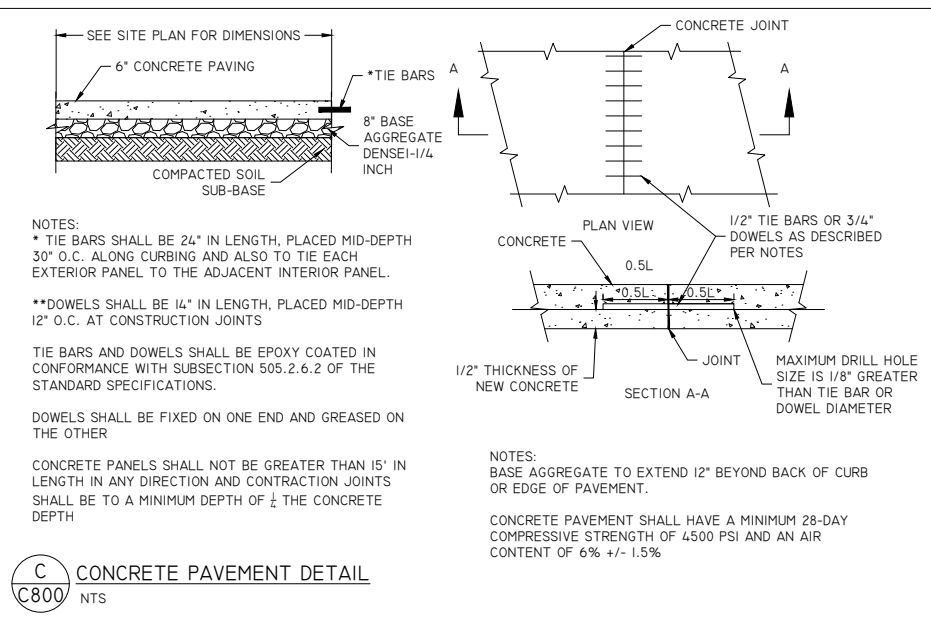


NOTES:
 1. BASE AGGREGATE TO EXTEND 12" BEYOND BACK OF CURB OR EDGE OF PAVEMENT.
 2. ASPHALT TO BE CONSIDERED LIGHT DUTY UNLESS SPECIFIED OTHERWISE.

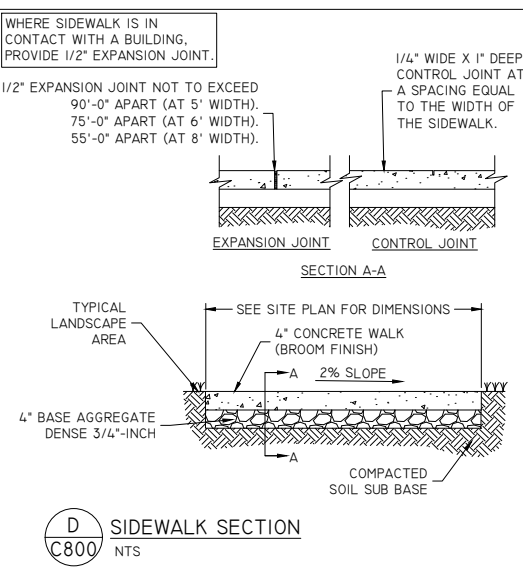
A ASPHALT PAVEMENT
 C800 NTS



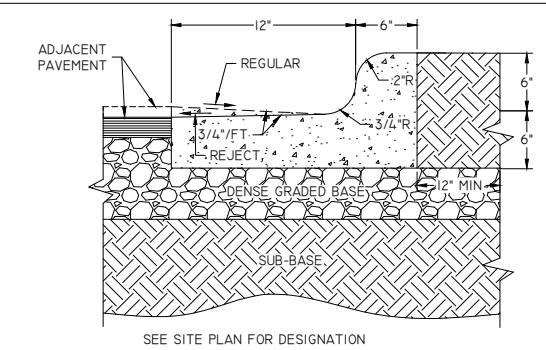
B CONCRETE DRIVEWAY APRON DETAIL
 C800 NTS



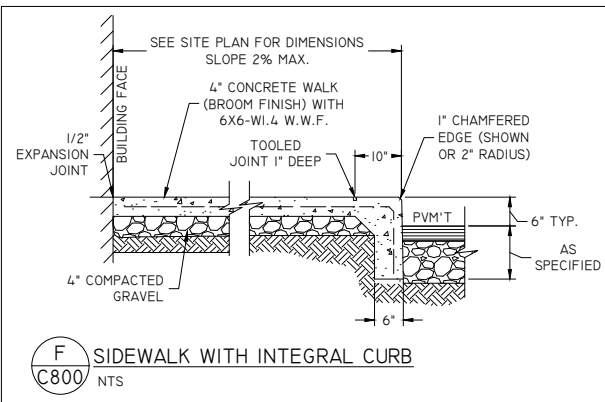
C CONCRETE PAVEMENT DETAIL
 C800 NTS



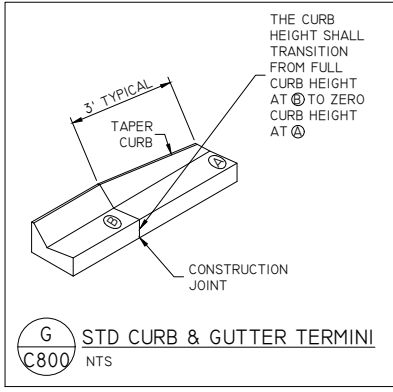
D SIDEWALK SECTION
 C800 NTS



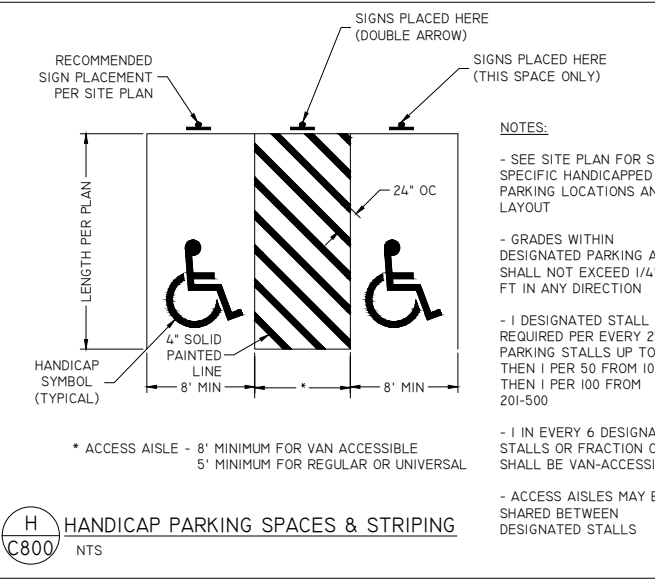
E 12" CURB & GUTTER /
 12" REJECT CURB & GUTTER
 C800 NTS



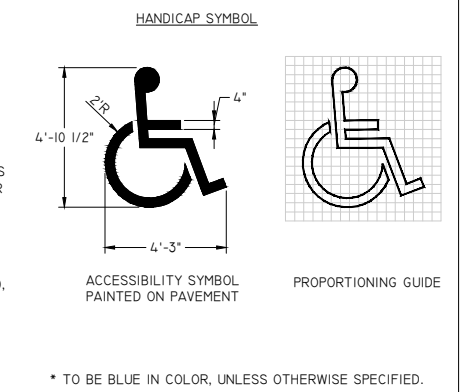
F SIDEWALK WITH INTEGRAL CURB
 C800 NTS



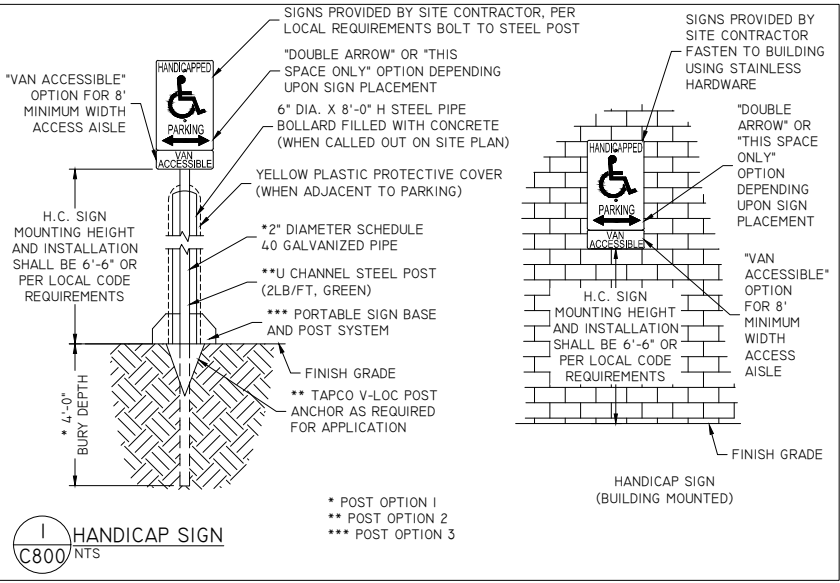
G STD CURB & GUTTER TERMINI
 C800 NTS



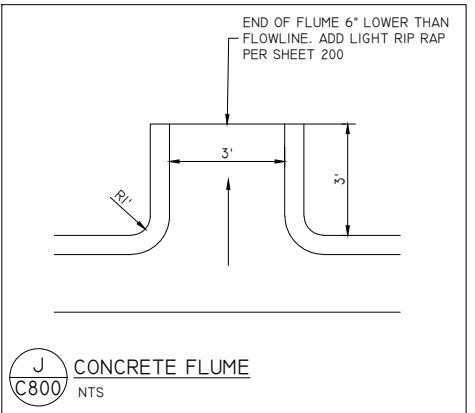
H HANDICAP PARKING SPACES & STRIPING
 C800 NTS



* TO BE BLUE IN COLOR, UNLESS OTHERWISE SPECIFIED.

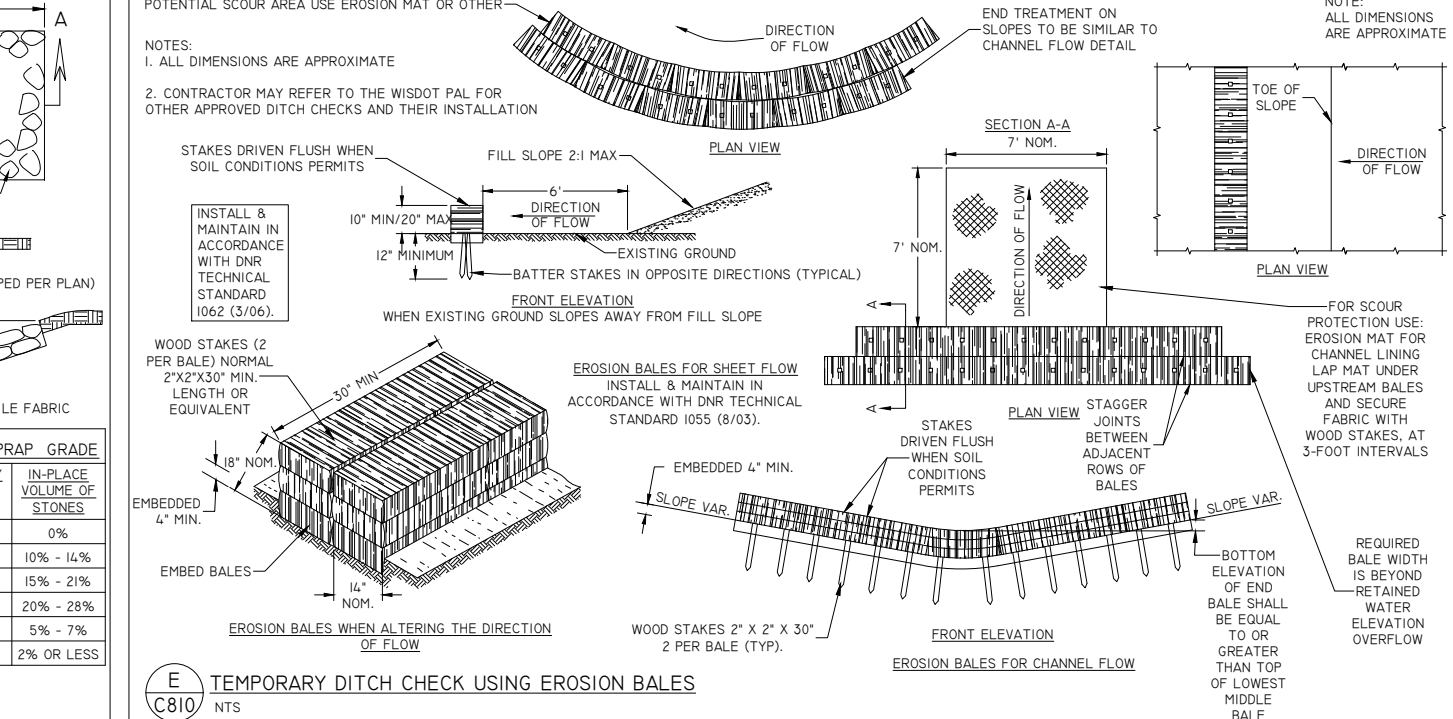
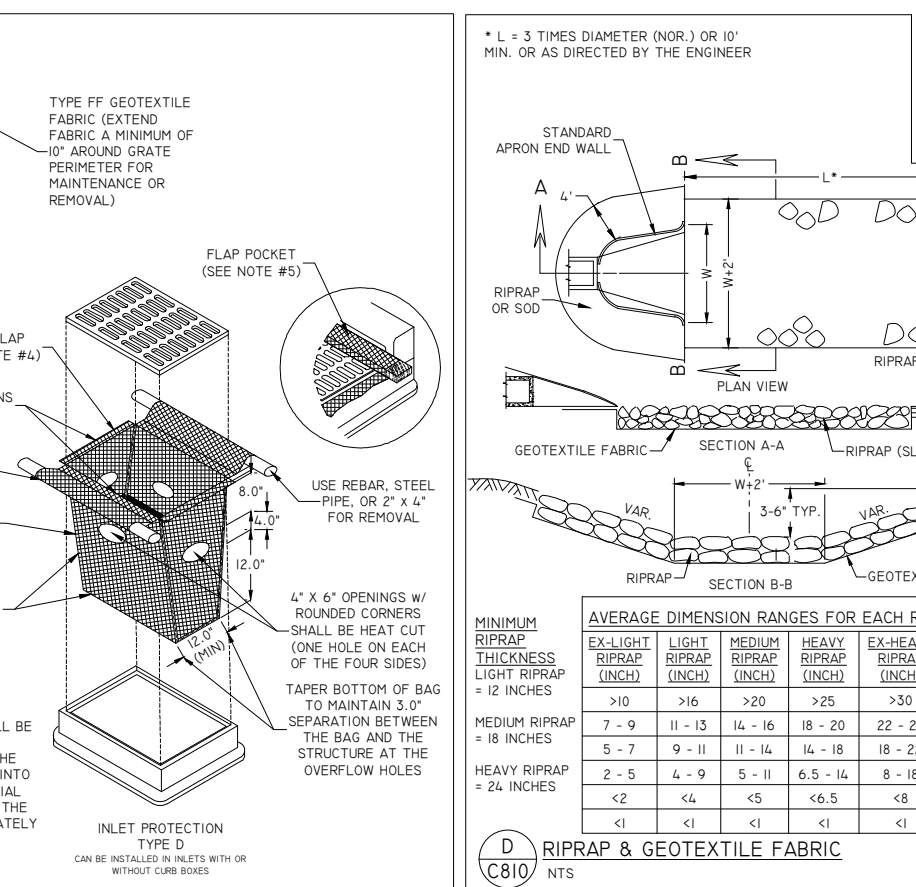
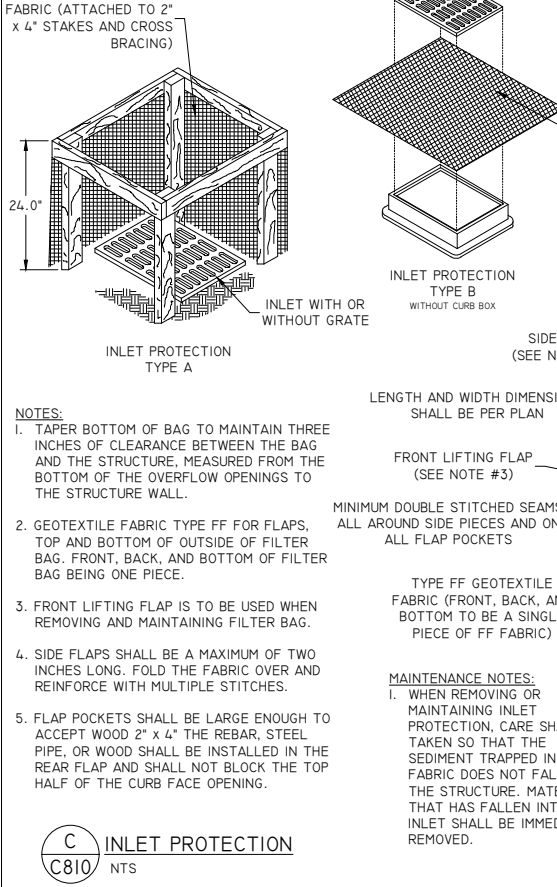
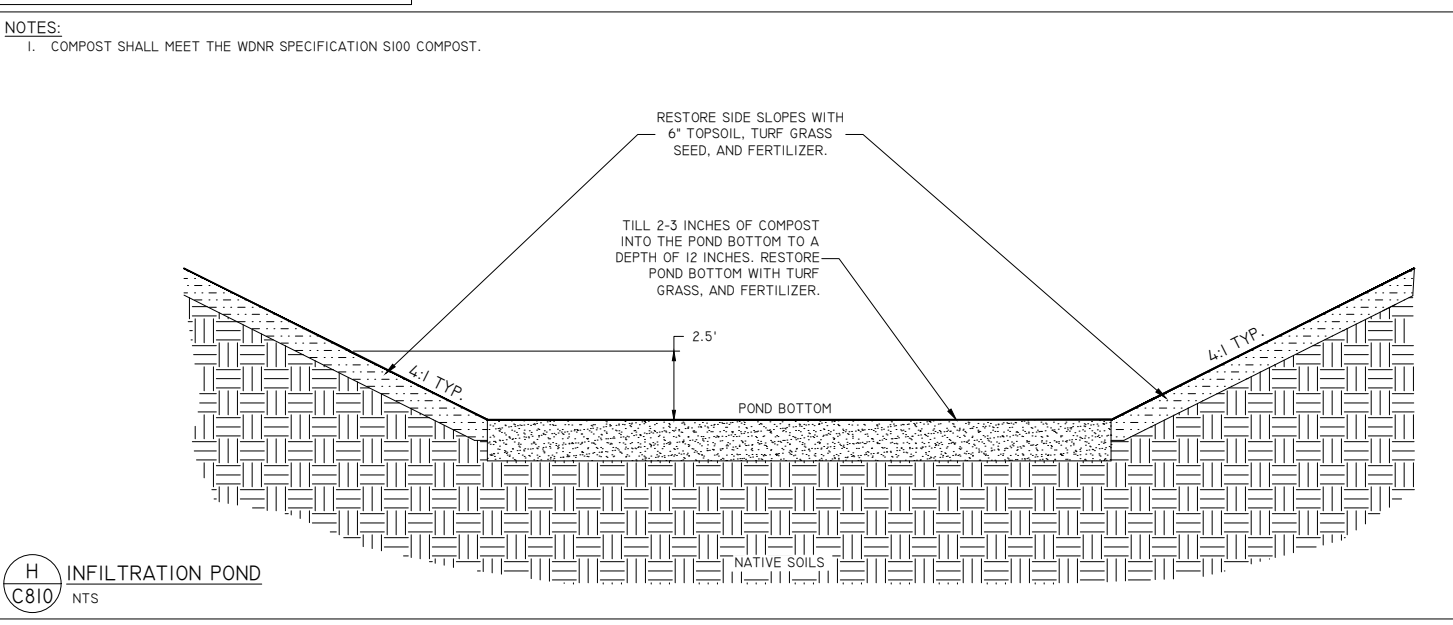
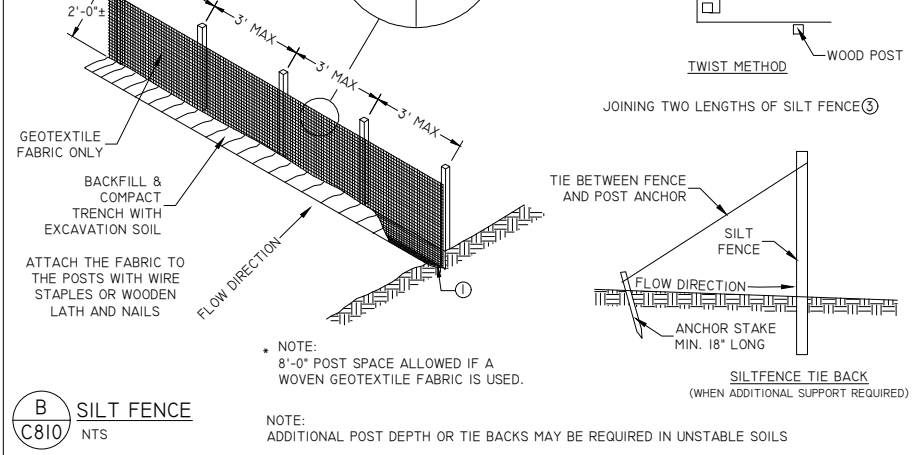
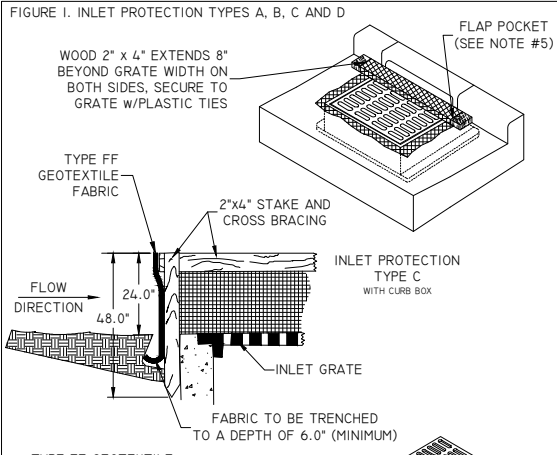
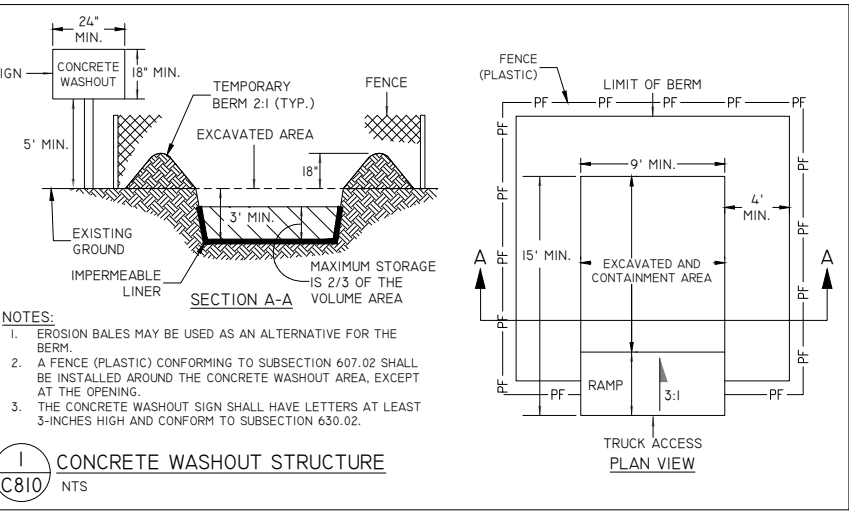
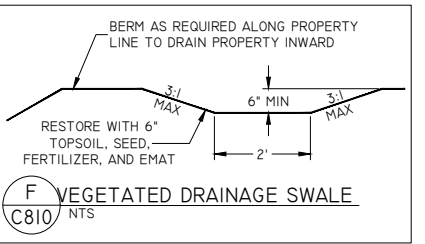
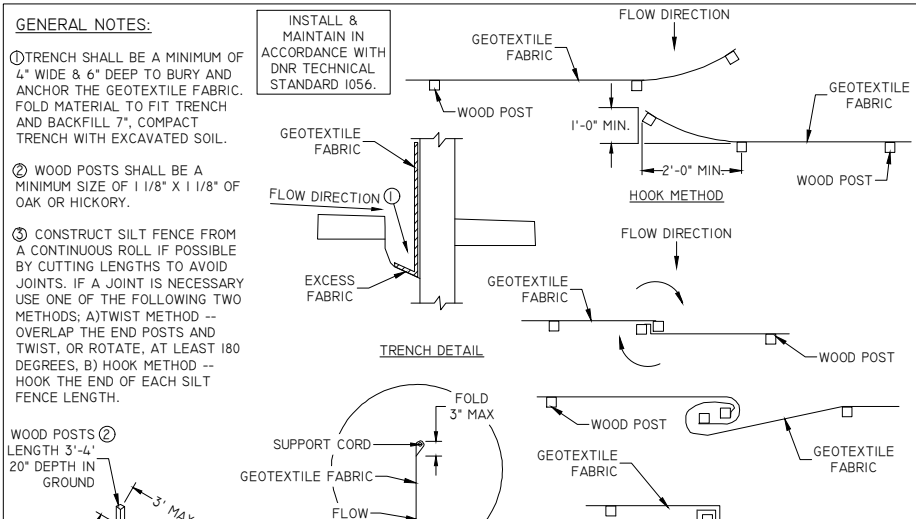
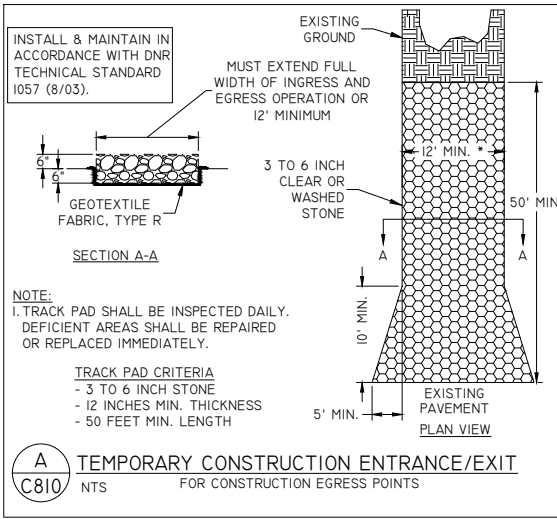


I HANDICAP SIGN
 C800 NTS



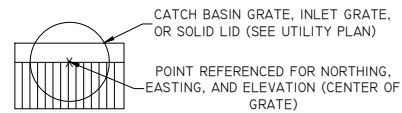
J CONCRETE FLUME
 C800 NTS

DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: RSW



* L = 3 TIMES DIAMETER (NOR.) OR 10' MIN. OR AS DIRECTED BY THE ENGINEER

MINIMUM RIPRAP THICKNESS	AVERAGE DIMENSION RANGES FOR EACH RIPRAP GRADE						IN-PLACE VOLUME OF STONES
	EX-LIGHT RIPRAP (INCH)	LIGHT RIPRAP (INCH)	MEDIUM RIPRAP (INCH)	HEAVY RIPRAP (INCH)	EX-HEAVY RIPRAP (INCH)	IN-PLACE VOLUME OF STONES	
12 INCHES	>10	>16	>20	>25	>30	0%	
18 INCHES	7 - 9	11 - 13	14 - 16	18 - 20	22 - 25	10% - 14%	
24 INCHES	5 - 7	9 - 11	11 - 14	14 - 18	18 - 22	15% - 21%	
	2 - 5	4 - 9	5 - 11	6.5 - 14	8 - 18	20% - 28%	
	<2	<4	<5	<6.5	<8	5% - 7%	
	<1	<1	<1	<1	<1	2% OR LESS	



- SPECIFICATIONS:**
- * MANUFACTURED TO ASTM C-478 SPECIFICATIONS
 - * CONCRETE STRENGTH - 4000 P.S.I.
 - * STEEL DESIGN IN ACCORDANCE WITH A.S.T.M. C-478 0.12 SQ. IN./FT.
 - * ALL REINFORCING DESIGNED FOR 1" MIN. COVER
 - * STEP - STEEL, PLASTIC COATED, 16" ON CENTER
 - * 6" ADJUSTMENT RINGS (2" THICK EACH RING)
 - * NEENAH #1550A-C FRAME AND LID FOR MANHOLE APPLICATION
 - * NEENAH #1550A FRAME WITH #2050 GRATE FOR CATCH BASIN APPLICATION
 - * NEENAH #R-3067 SERIES FOR INLET APPLICATION. (TYPE C FOR SAG, TYPE L FOR ON-GRADE).
 - * SUBSTITUTE HM BOX FOR DRIVEWAY APPLICATION.

PRECAST CONE IF DEPTH & SPECIFIED GRATE ALLOWS

FLAT TOP W/27" OR 2'x3' HOLE

DEPTH VARIES PER PLAN

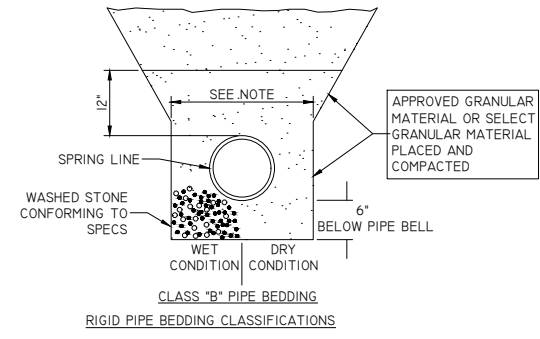
66" X 6" PRECAST BASE

VARIABLE

CUTOUT VARIES PER PIPE

PIPE DIAMETER	MANHOLE DIAMETER	WALL THICKNESS
8" THRU 27"	3'-6"	4-1/2"
30"	4'-0"	5"
36"	5'-0"	6"
42"	6'-0"	7"

A
C820
STORM SEWER CATCH BASIN OR MANHOLE
NTS



NOTE: THE TRENCH WIDTH IS TO BE TAKEN AS THE HORIZONTAL DISTANCE AT THE OUTSIDE TOP OF THE PIPE. THE MAXIMUM ALLOWABLE WIDTH SHALL BE 1.) 3.0' GREATER THAN OUTSIDE DIA. FOR 36" OR LARGER PIPE 2.) 2.0' GREATER THAN OUTSIDE DIA. FOR PIPES LESS THAN 36" IN DIA.

B
C820
PIPE BEDDING CLASSIFICATIONS
NTS

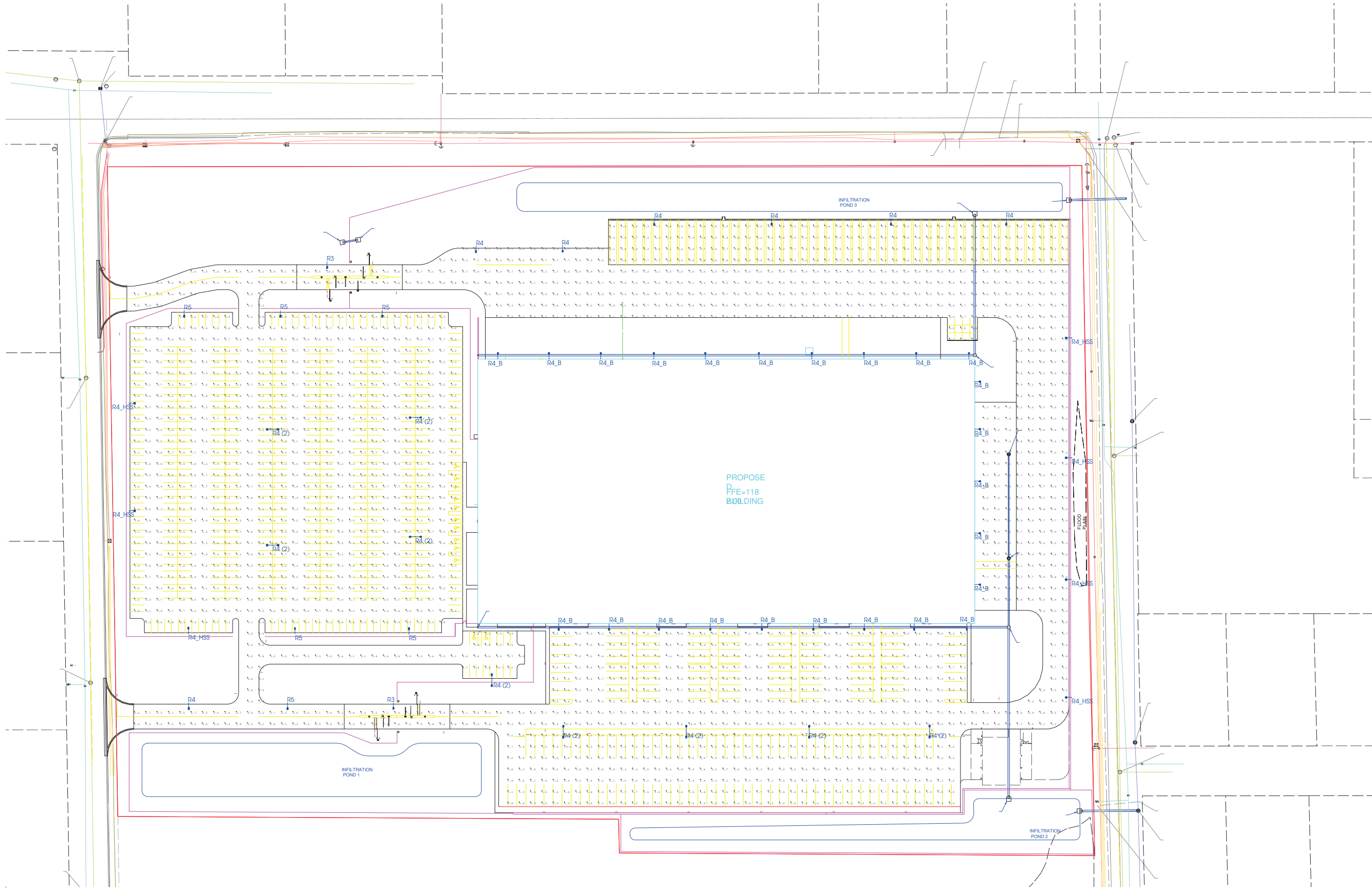
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				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: RSW

GENERAL NOTES/SPECIFICATIONS

1. SITE USAGE WILL BE PERMITTED ONLY WITHIN REASONABLE LIMITS TO FACILITATE CONSTRUCTION OF PROPOSED IMPROVEMENTS AND THE CONTRACTOR SHALL NOT UNREASONABLY ENCUMBER THE PREMISES WITH EQUIPMENT AND MATERIALS. MATERIAL STORAGE SHALL BE CONFINED TO SUCH LIMITS AS MAY BE JOINTLY AGREED UPON BY OWNER AND CONTRACTOR.
2. ALL SUB-CONTRACTORS SHALL BE UNDER THE DIRECTION OF THE GENERAL CONTRACTOR (OR OWNER'S REPRESENTATIVE) WHO WILL BE HELD RESPONSIBLE FOR THE COORDINATION OF ALL WORK ON THIS PROJECT AND THE PROPER EXECUTION OF THE SAME.
3. THE CONTRACTOR SHALL FURTHER ENFORCE THE OWNER'S INSTRUCTIONS OF SUCH NATURE, INCLUDING PARKING, USE OF ROADS, SAFE ACCESS TO FACILITIES, FIRE PREVENTION, AND PROJECT PHASING, WHICH THE OWNER MAY DEEM NECESSARY OR DESIRABLE ON THE OWNER'S PROPERTY.
4. CONTRACTOR SHALL KEEP A CLEAN SITE DURING CONSTRUCTION AND THROUGH FINAL ACCEPTANCE.
5. ALWAYS FOLLOW WRITTEN DIMENSIONS. DO NOT SCALE. IF DISCREPANCY EXISTS, CONTACT THE ENGINEER.
6. REMOVE ALL TREES WITHIN THE GRADING LIMITS, INCLUDING ROOT STRUCTURES, EXCEPT THOSE SPECIFICALLY NOTED TO REMAIN AND THOSE ON PROPERTY LINES. DO NOT CLEAR SITE PRIOR TO COORDINATING WITH THE OWNER TO LOCATE ALL TREES TO REMAIN.
7. PROTECT TREES, UTILITY POLES, ABOVE AND BELOW GRADE UTILITIES, AND OTHER FEATURES THAT ARE TO REMAIN. THE REPAIR OF ANY DAMAGE TO FEATURES TO REMAIN IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR WITH NO PAYMENT DUE FOR SUCH REPAIRS.
8. PROTECT ABOVE AND BELOW GRADE UTILITIES THAT ARE TO REMAIN.
9. ADJUST ANY UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN OUT MANHOLES, CATCH BASINS, INLETS, WATER VALVES, LIGHT POLES, HYDRANTS, ETC.) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT. REFER TO THE SITE GRADING PLAN SHEET.
10. PROTECT BENCHMARKS, REFERENCE SURVEY POINTS AND OTHER PROVIDED CONSTRUCTION STAKES.
11. CALL DIGGER'S HOTLINE @ 811 OR 1-800-242-8511 AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATING.
12. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
13. CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND COORDINATING ALL PROPOSED UTILITY RUNS, INSTALLATIONS, AND RELOCATIONS.
14. NOTIFY ELECTRIC UTILITY AT LEAST ONE WEEK PRIOR TO WORKING IN AREAS WHERE UTILITY POLES EXIST. UTILITY COMPANY WILL PROTECT POLES AS NECESSARY.
15. DURING CONSTRUCTION THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR INSPECTION AND DOCUMENTATION OF THE EROSION CONTROL DEVICES AS REQUIRED BY THE WPDES PERMIT. IF CHANGES TO THE EROSION CONTROL PLAN ARE REQUIRED, THE CONTRACTOR SHALL RECORD THOSE CHANGES ON THE PLAN. UPON COMPLETION OF WORK AND PRIOR TO LEAVING THE SITE, THE CONTRACTOR AND OWNER'S DESIGNEE SHALL COORDINATE ONGOING RESPONSIBILITY UNTIL THE SITE'S WPDES PERMIT IS TERMINATED BY THE WDNR.
16. DURING CONSTRUCTION THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR INSPECTION AND MAINTENANCE OF THE EROSION CONTROL DEVICES.
17. EROSION CONTROL DEVICES SHALL ABIDE BY THE WDNR CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL STANDARDS. [HTTPS://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST_STANDARDS.HTML](https://dnr.wi.gov/topic/stormwater/standards/const_standards.html)
18. CONFIRM THAT ALL TOPSOIL HAS BEEN STRIPPED FROM AREAS TO RECEIVE EMBANKMENT BEFORE PLACING EMBANKMENT MATERIAL.
19. EMBANKMENT MATERIAL SHALL BE EXCAVATED SITE MATERIAL AND/OR IMPORTED MATERIAL DEEMED SUITABLE BY THE OWNER AND OWNER'S REPRESENTATIVE, AND CONFORM TO THE REQUIREMENTS OF SUB-SECTION 207.2 OF THE WISDOT STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL MODIFY WATER CONTENT OF THE MATERIAL AS NECESSARY TO OBTAIN SPECIFIED COMPACTION FOR ALL EMBANKMENT MATERIAL.
20. CONSTRUCT ALL EMBANKMENT THAT WILL SUPPORT ROADWAYS OR ASPHALT PARKING IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF SUB-SECTION 207.3.6.3 (SPECIAL COMPACTION) OF THE WISDOT STANDARD SPECIFICATIONS EXCEPT: THE MAXIMUM DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D1557, WITH METHOD B OR C; AND MAXIMUM LIFT THICKNESS SHALL BE 8 INCHES FOR ALL SOILS, GRANULAR, OR COHESIVE.
21. CONSTRUCT UTILITY TRENCHES IN EMBANKMENT AREAS AFTER CONSTRUCTION OF EMBANKMENT.
22. BORROW MATERIAL SHALL BE IMPORTED MATERIAL MEETING THE REQUIREMENTS OF SECTION 208.2 OF THE WISDOT STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL IDENTIFY ITS BORROW SOURCES TO THE OWNER'S CONSTRUCTION REPRESENTATIVE AT LEAST TWO WEEKS IN ADVANCE OF HAULING MATERIAL TO THE PROJECT SITE SO THE OWNER'S CONSTRUCTION REPRESENTATIVE CAN OBTAIN SAMPLES AND PERFORM THE DESIRED TESTING.
23. STRUCTURAL FILL IS REQUIRED IN ALL AREAS THAT WILL SUPPORT PRESENT OR FUTURE BUILDING STRUCTURES, AND WITHIN AREAS EXTENDING DOWNWARD AND OUTWARD FROM THE BUILDING LIMITS AT FINISHED GRADE ON A 1-TO-1 (HORIZONTAL TO VERTICAL) SLOPE TO THE BOTTOM OF THE FILL. CONFIRM THAT ALL UNSUITABLE MATERIAL HAS BEEN REMOVED FROM AREAS TO RECEIVE STRUCTURAL FILL BEFORE PLACING MATERIAL. SUB GRADES MAY NOT RECEIVE STRUCTURAL FILL IF FROZEN, AND FROZEN STRUCTURAL FILL IS NOT ACCEPTABLE FOR USE. PROVIDE ADEQUATE ADVANCED NOTIFICATION, ACCESS, EQUIPMENT, AND OPERATOR TO PERMIT TESTING AGENCY TO OBSERVE COMPACTING OF SUB GRADE PRIOR TO PLACEMENT OF STRUCTURAL FILL MATERIAL. PROVIDE ADEQUATE ADVANCE NOTIFICATION, ACCESS AND COOPERATION TO TESTING AGENCY TO PERFORM DENSITY TESTING ON EACH LIFT OF FILL PLACED, PRIOR TO PLACING FILL ABOVE THE LIFT. THE TESTING FREQUENCY WILL BE DETERMINED BY THE OWNER OR OWNER'S DESIGNATED REPRESENTATIVE. CONSTRUCT ALL STRUCTURAL FILL IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF SUB-SECTION 207.3.6.3 (SPECIAL COMPACTION) OF THE WISDOT STANDARD SPECIFICATIONS EXCEPT: THE MAXIMUM DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D1557, WITH METHOD B OR C; ALL LIFTS SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM D1557; MAXIMUM LIFT THICKNESS SHALL BE 8 INCHES FOR ALL SOILS, GRANULAR, OR COHESIVE; THE LIMIT OF STRUCTURAL FILL FOR PURPOSES OF COMPACTION REQUIREMENTS IS DEFINED AS THE AREA ENCOMPASSED BY PLANS EXTENDING DOWNWARD AND OUTWARD FROM THE EDGES OF THE STRUCTURE OR CONCRETE SLAB AT 45-DEGREE ANGLES RELATIVE TO HORIZONTAL (I.E. 1:1 SLOPES).
24. THE CONTRACTOR SHALL PREPARE THE SITE TO SUPPORT THE PROPOSED SURFACE PER SECTION 211 OF THE WISDOT STANDARD SPECIFICATIONS.
25. DENSE GRADED BASE SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF SECTION 305 OF THE WISDOT STANDARD SPECIFICATIONS FOR DENSE GRADED BASE, CONSISTENT WITH THE DESIGNATIONS SPECIFIED ON THE PLANS.
26. OPEN GRADED BASE SHALL BE CRUSHED MATERIAL MEETING THE REQUIREMENTS AS DESCRIBED IN SECTION 310 OF THE WISDOT STANDARD SPECIFICATIONS.
27. HOT MIX ASPHALT PAVEMENT SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF SECTION 460 OF THE WISDOT STANDARD SPECIFICATIONS FOR PAVEMENT, CONSISTENT WITH THE DESIGNATIONS SPECIFIED ON THE PLANS.
28. PULVERIZATION AND RE-LAYING OF EXISTING ASPHALT PAVEMENT SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 325 OF THE WISDOT STANDARD SPECIFICATIONS.
29. CONCRETE PAVING SHALL CONFORM TO SECTION 415 OF THE WISDOT STANDARD SPECIFICATIONS. CONCRETE CURB AND GUTTER SHALL CONFORM TO THE APPLICABLE REGULATIONS OF SECTION 601 OF THE WISDOT STANDARD SPECIFICATIONS. CONCRETE MATERIAL SHALL BE TYPE A OR A-FA AS DEFINED WITHIN SECTION 501 OF THE WISDOT STANDARD SPECIFICATIONS WITH A DESIGN STRENGTH OF 4,500 PSI.
30. HDPE STORM SEWER SHALL BE CORRUGATED EXTERIOR WITH SMOOTH INTERIOR AND SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M 294 TYPE S, ASTM F667, ASTM F405. END SECTIONS FOR CULVERTS SHALL BE OF THE SAME MATERIAL TYPE AS THE PIPE TO WHICH THE APRON END WALL WILL BE CONNECTED, EXCEPT STEEL END SECTIONS MAY BE USED FOR HDPE PIPE. INSTALL HDPE PIPE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 608 OF THE WISDOT STANDARD SPECIFICATIONS.
31. REINFORCED CONCRETE PIPE SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF SUB-SECTION 608.2 OF THE WISDOT STANDARD SPECIFICATIONS. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL REINFORCED CONCRETE STORM SEWER PIPE SHALL BE CLASS III OR STRONGER.
32. DRAIN TILE SHALL BE CORRUGATED POLYETHYLENE DRAINAGE PIPE CONFORMING TO AASHTO M252, TYPE CP WITH CLASS 2 PERFORATIONS.
33. NON-PRESSURE POLYVINYL CHLORIDE PIPE SHALL BE SDR 35 OR SCHEDULE 40 PVC PIPE.
34. POLYVINYL CHLORIDE PIPE FOR PRESSURE APPLICATIONS SHALL CONFORM TO THE REQUIREMENTS OF AWWA C900, PRESSURE CLASS 150.
35. WATER TUBING SHALL BE OF MATERIALS SPECIFIED IN 8.24.1 OF THE LATEST EDITION OF THE WISCONSIN SEWER & WATER SPECIFICATIONS AND ALL CURRENT SUPPLEMENTAL SPECIFICATIONS AND ADDENDA.
36. DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST REVISION OF ANSI A21.51 (AWWA C151). DUCTILE IRON PIPE SHALL BE CEMENT-MORTAR LINED AND COATED IN ACCORDANCE WITH THE LATEST REVISION OF ANSI A21.4 (AWWA C104). ALL DUCTILE IRON PIPE SHALL BE PRESSURE CLASS 350 UNLESS OTHERWISE SPECIFIED.
37. PIPE INSTALLATION SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE LATEST EDITION OF THE WISCONSIN SEWER & WATER SPECIFICATIONS AND ALL CURRENT SUPPLEMENTAL SPECIFICATIONS AND ADDENDA.
38. PIPE INSULATION SHALL BE INSTALLED IN ACCORDANCE WITH SPS 382.30(II)(C)2 AS REQUIRED BY SPS 382.30(II), SPS 382.36(7) & SPS 382.40(8).
39. STORM SEWER AND ROOF DRAIN LEADERS ARE SUBJECT TO FREEZING REGARDLESS OF BURY DEPTH AS THESE DRAINAGE SYSTEMS ARE TYPICALLY OPEN TO THE SURFACE. AS A MEASURE TO REDUCE FREEZE UP, REI SUGGESTS THE INSTALLATION OF HEAT TAPE AND/OR PIPE INSULATION TO ANY ROOF DRAIN LEADER OR CONNECTING PIPE. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER AS WELL AS ELECTRICAL AND PLUMBING DESIGNERS.
40. RIPRAP SHALL CONFORM TO THE REQUIREMENTS OF SECTION 606 OF THE WISDOT STANDARD SPECIFICATIONS, WITH THE GRADE BEING SPECIFIED ON THE PLANS. REFER TO SECTION 645 OF THE WISDOT STANDARD SPECIFICATIONS REGARDING GEOTEXTILE FABRIC FOR RIPRAP.
41. TYPE SAS FABRIC SHALL CONFORM TO THE REQUIREMENTS OF SECTION 645 OF THE WISDOT STANDARD SPECIFICATIONS.
42. PAVEMENT MARKING PAINT SHALL BE PRE-MIXED WATERBORNE EMULSION APPLIED TO A CLEAN SURFACE AT MANUFACTURER'S RATES. CONFIRM COLOR WITH OWNER PRIOR TO APPLICATION. PAVEMENT MARKINGS PLACED WITHIN THE PUBLIC RIGHT OF WAY SHALL CONFORM TO THE REQUIREMENTS OF SECTION 646 OF THE WISDOT STANDARD SPECS (EPOXY).
43. AFTER FINAL STABILIZATION, ACCUMULATED SEDIMENT SHALL BE REMOVED SUCH THAT THE BOTTOM OF ANY STORM WATER FACILITY IS AT PLAN ELEVATION. SEDIMENT SHALL BE DISPOSED OF LEGALLY OFFSITE.
44. AFTER FINAL STABILIZATION, ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF LEGALLY OFFSITE.
45. AT A MINIMUM RESTORE SITE BY SEEDING & MULCHING ALL DISTURBED AREAS TO BE VEGETATED AND ENSURE ESTABLISHMENT OF ADEQUATE VEGETATION. SEED IS TO BE OF A SINGLE URBAN LAWN MIX TYPE INTENDED FOR THE EXISTING SITE SOILS AND CONFORMING WITH SECTION 630 OF THE WISDOT STANDARD SPECIFICATION. REFER TO LANDSCAPING PLAN.
46. SITE AND IMPORTED TOPSOIL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF SECTION 625 OF THE WISDOT STANDARD SPECIFICATIONS, GRADED FREE OF STONES AND LUMPS LARGER THAN 1 INCH AND FREE OF ROOTS, VEGETATION, AND OTHER UN-DECOMPOSED ORGANIC MATERIAL.
47. REFER TO "REPORT OF GEOTECHNICAL EXPLORATION & REVIEW" FOR SITE-SPECIFIC SOIL PREPARATION AND PAVEMENT RECOMMENDATIONS.
48. ELEVATIONS SHOWN AT THE TOP AND BOTTOM OF WALL DEPICT THE EXPOSED WALL FACE. THESE ELEVATIONS DO NOT ACCOUNT FOR WALL FOOTING DESIGN.
49. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING OF ALL EXCESS AND UNUSED MATERIALS FROM THE SITE FOLLOWING COMPLETION OF THEIR WORK.
50. QUANTITIES PROVIDED BY THE ENGINEER ARE IN PLACE QUANTITIES.



DATE	ISSUANCE	BY	CHKD	SURVEYED BY: JAF	DESIGNED BY: LAZ	SURVEY DATE: 10/14/2025
				SURVEY CHKD BY: JWP	CIVIL CHKD BY:	CIVIL DATE: 01/30/2026
				SURVEY APVD BY: JWP	CIVIL APVD BY:	DRAWN BY: RSW



Scale: 1 inch= 60 Ft.

Symbol	Qty	Label	Description	Luminaire Watts	Total Watts
—	24	R4_B	LED AREA LIGHT MOUNTED ON 6' ARM AT 35' ON OFF OF BUILDING	369	8856
—	9	R4 (2)	(2) LED AREA LIGHTS MOUNTED BACK TO BACK ON 6' ARMS ON A 30' POLE W/ 5' CONCRETE BASE	369	6642
—	7	R4_HSS	LED AREA LIGHT W/ BACK HOUSE SHIELD MOUNTED ON 6' ARM ON 30' POLE W/ 5' CONCRETE BASE	369	2583
—	7	R4	LED AREA LIGHT MOUNTED ON 6' ARM ON A 30' POLE W/ 5' CONCRETE BASE	369	2583
—	6	R5	LED AREA LIGHT MOUNTED ON 6' ARM ON A 30' POLE W/ 5' CONCRETE BASE	369	2214
—	2	R3	LED AREA LIGHT MOUNTED ON 6' ARM ON A 30' POLE W/ 5' CONCRETE BASE	369	738

Calculation Summary					
Label	Units	Avg	Max/Min	Max	Min
PARKING	Fc	4.1	14.9	11.9	0.8
PROPERTY LINE	Fc	0.5	N.A.	1.7	0.0

To request the Project Quotation for these materials or to place the order, please contact:
 Sales@LightingDesignSolutions.com or call us at 1-888-357-7070

These plans, schedules, calculations, and lighting concepts are the property of Lighting Design Solutions (LDS) and are not to be shared, reproduced, viewed, or used in any manner without the explicit written permission of LDS. All luminaires and accessories purchased for this project are to be supplied by LDS unless other arrangements that include additional reimbursement for design costs are codified in a pre-approved written agreement with LDS.

These plans are not approved for construction unless specifically noted. They have not been reviewed or approved by any local or state agency, nor has the building owner confirmed final acceptance of the design or materials. Once approved, the final product details, voltages, accessories and quantities are the responsibility of the installing contractor and are to be fully verified by the contractor prior to release of order. Lead time for luminaires will vary but should be assumed to be 4-6 weeks after release unless specifically noted as "in-stock" or "quick ship" on the LDS Project Quotation.

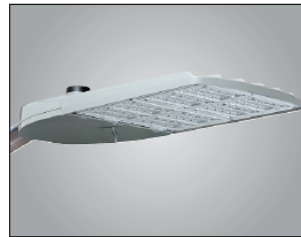
Lighting performance and energy calculations are based on photometric data provided by the specified manufacturers, expected site finishes, anticipated energy costs, current rebate programs, and the projected operational use of the facility. Lighting Design Solutions, Inc. accepts no responsibility for variances resulting from inaccurate or changed data files, drawings, reflectance values, or rebate programs, and guarantees no alternate funding or rebate payment.



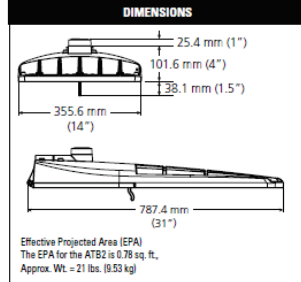
PROJECT INFORMATION: NEW CONSTRUCTION PROPOSED FACILITY KRONENWETTER, WI	DRAWN BY: A. THOMER REVIEWED BY: A. THOMER APPROVED BY:	DATE: 01/30/2016
	CONTRACTOR: KRONENWETTER, WI	DATE:

Lighting Design Solutions, Inc.
Schofield Office:
 PO Box 375
 Schofield, WI 54476
Office: 888.357.7070
Fax: 715.693.2594
Milwaukee Office:
 955A Walnut Ridge Drive
 Hartland, WI 53029
Design@LightingDesignSolutions.com
www.LightingDesignSolutions.com

PRODUCT OVERVIEW



Applications:
 Roadways
 Off ramps
 Residential streets
 Parking lots



STANDARDS
 DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/DPL, to confirm which versions are qualified.
 Color temperatures of <3000K must be specified for International Dark-Sky Association certification.
 Rated for -40°C to 40°C ambient.
 CSA Certified to U.S. and Canadian standards.
 Complies with ANSI, C136.2, C136.10, C136.14, C136.31, C136.15, C136.37
GOVERNMENT PROCUREMENT — BAA — Buy American(s) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
 BABA — Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definition of the Build America, Buy America Act.
 Please refer to www.acuitybrands.com/buy-american for additional information.

Features:

OPTICAL

The Autobahn's new molded silicone optics provide exceptional performance. Silicone optics are superior to other polymeric materials in the areas of optical efficiency, thermal performance, and reduction in dirt accumulation, all of which can lead to long term lumen degradation and a shift in optical distribution. Also, because silicone allows for the molding of fine details as well as thick sections, it produces the most crisp, clean and well-defined lighting distributions available. Silicone optics paired with modern LED's allow the Autobahn to take full advantage of both technologies.
 Same Light: Performance is comparable to 400-1000W HPS roadway luminaires.
 White Light: Correlated color temperature - 4000K, or optional 2700K, 3000K or 5000K, all 70 CRI minimum.
 Unique IP66 rated LED light engines provided 0% uplift and restrict backlight to within sidewalk depth, providing optimal application coverage and optimal pole spacing.
 Available in Type II, III, IIII, IV, & V roadway distributions.

ELECTRICAL

Expected Life: LED light engines are rated >100,000 hours at 25°C. L70 Electronic driver has an expected life of 100,000 hours at a 25°C ambient. Lower Energy: Saves an average of 40-60% over comparable HPS platforms.
 Robust Surge Protection: Two different surge protection options provide a minimum of ANSI C136.2 10kV/5kA protection. 20kV/10kA protection is also available.
 Luminaire ships with a 0-10v dimmable driver. Luminaire is PF7 and step dimming capable via AO option or controls installed on P7 photocontrol receptacle option.

MECHANICAL

Easy to Maintain: Includes standard AEL lineman-friendly features such as tool-less entry, 3 station terminal block and quick disconnects. Bubble level located inside the electrical compartment for easy leveling at installation.
 Rugged die-cast aluminum housing is polyester powder-coated for durability and corrosion resistance. Rigorous five-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 7 (per ASTM D1484) after over 5000 hours exposure to salt fog chamber (operated per ASTM B117).
 Four-bolt mast arm mount is adjustable for arms from 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter and provides a 3G vibration rating per ANSI C136.31. Wildlife shield is cast into the housing (not a separate piece).

CONTROLS

NEMA 3 Pin photocontrol receptacle is standard, with the Acuity designed ANSI 7 Pin receptacle optionally available.
 Premium solid state locking sale photocontrol - PCS5 (10 year rated life). Extreme long life solid state locking style photocontrol - PCLL (20 year rated life).
 Optional onboard Adjustable Output module allows the light output and input wattage to be modified to meet site specific requirements, and can also allow a single fixture to be flexibly applied in many different applications.

Autobahn Series ATB2
 Roadway Lighting

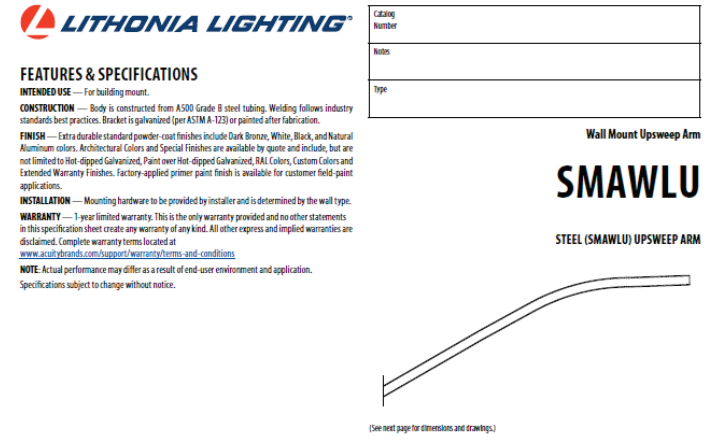
B.U.G. Ratings										
ATB2	Distribution	2700K			3000K			4000/5000K		
		B	U	G	B	U	G	B	U	G
P601	R2	3	0	3	3	0	3	3	0	3
	R3	3	0	3	3	0	3	3	0	4
	R3L	3	0	4	3	0	4	3	0	4
	R4	3	0	4	3	0	4	3	0	4
	R5	5	0	3	5	0	3	5	0	3
P602	R2	3	0	3	3	0	3	3	0	3
	R3	3	0	3	3	0	4	3	0	4
	R3L	3	0	4	3	0	4	3	0	4
	R4	3	0	4	3	0	4	3	0	4
	R5	5	0	3	5	0	3	5	0	3
P603	R2	3	0	4	3	0	3	4	0	4
	R3	3	0	3	3	0	4	3	0	4
	R3L	3	0	4	3	0	4	3	0	4
	R4	3	0	5	3	0	5	3	0	5
	R5	5	0	4	5	0	4	5	0	4
P604	R2	3	0	3	4	0	4	4	0	4
	R3	3	0	4	3	0	4	3	0	4
	R3L	3	0	4	3	0	4	3	0	5
	R4	3	0	5	3	0	5	3	0	5
	R5	5	0	4	5	0	4	5	0	4
P605	R2	4	0	4	4	0	4	4	0	4
	R3	3	0	4	3	0	4	3	0	4
	R3L	3	0	5	3	0	5	3	0	5
	R4	3	0	5	3	0	5	4	0	5
	R5	5	0	4	5	0	4	5	0	4
P901	R2	3	0	3	3	0	3	3	0	3
	R3	3	0	4	3	0	4	3	0	4
	R3L	3	0	4	3	0	4	3	0	4
	R5	5	0	3	5	0	4	5	0	4
	P902	R2	4	0	4	4	0	4	4	0
R3		3	0	4	3	0	4	3	0	4
R3L		3	0	5	3	0	5	3	0	5
R5		5	0	4	5	0	4	5	0	4
P903		R2	4	0	4	4	0	4	4	0
	R3	3	0	4	3	0	4	4	0	5
	R3L	4	0	5	4	0	5	4	0	5
	R5	5	0	4	5	0	4	5	0	4
	P904	R2	4	0	4	4	0	4	4	0
R3		3	0	4	4	0	5	4	0	5
R3L		4	0	5	4	0	5	4	0	5
R5		5	0	4	5	0	4	5	0	4
P905		R2	4	0	4	4	0	4	4	0
	R3	4	0	5	4	0	5	4	0	5
	R3L	4	0	5	4	0	5	4	0	5
	R5	5	0	5	5	0	5	5	0	5

ORDERING INFORMATION

Series	LED Performance Package	Voltage	Optics	
ATB2 Autobahn LED Roadway	P601 26,192 lumens nominal P602 29,188 lumens nominal P603 23,062 lumens nominal P604 26,265 lumens nominal P605 29,786 lumens nominal	P901 30,298 lumens nominal P902 36,272 lumens nominal P903 41,215 lumens nominal P904 45,242 lumens nominal P905 50,476 lumens nominal	MYOLT Multi-volt, 120V - 277V 347 347V 480 480V 277V 480V	R2 Roadway Type II R3 Roadway Type III R3L Roadway Type III Long R4 Roadway Type IV R5 Roadway Type V

Color Temperature (CCT)		Misc.	Controls	Accessories
(Black) 4000K CCT, 70 CRI Min.	27K 2700K CCT, 70 CRI Min.	3K 3000K CCT, 70 CRI Min.	5K 5000K CCT, 70 CRI Min.	BL External Bubble Level HSS House-Size Shield NL Nema Label CL Not CSA Certified HK Hingeburgers BAA Buy America(s) Act and/or Build America Buy America Qualified
(Black) Gray (Standard)	BLK Black BZ Bronze DOB Dark Bronze GI Graphite WH White GN Green	RL External Bubble Level HSS House-Size Shield NL Nema Label CL Not CSA Certified HK Hingeburgers BAA Buy America(s) Act and/or Build America Buy America Qualified	P7 7 Pin Photocontrol Receptacle (Removable Driver Included) NR No Photocontrol Receptacle AO Field Adjustable Output PCS5 Solid State Lighting Photocontrol (120-277V) PCLL Solid State Long Life Photocontrol SH Shunting Cap	External House-Size Shields ATR2P60R2R3L5R5HS for use with P601 - P605, R2, R3L or R5 distribution ATR2P60R3R5HS for use with P601 - P605, R4 distribution ATR2P90R2R3L5R5HS for use with P901 - P905, R2, R3L or R5 distribution ATR2P90R3R5HS for use with P901 - P905, R3 distribution Light Trespass Shield ATR2ULTS ATR2 Universal Light Trespass Shield ATR2DECOR IX ATR2 Decorative Arms for Round Pole Painted to match fixture ATR2DECOR IX ATR2 Decorative Arms for Round Pole Painted to match fixture
Surge Protection (Black) Standard 20kV/10kA/5kA MP MOV Pack 10kV/5kA	Terminal Block (Black) Terminal Block (Standard) T2 Wired to L1 & L2 Positions	Packaging (Black) Single Unit (Standard) JP Job Pack (42/Pallet)	Universal Arms (std) UMR IX 8" Horizontal Arm for Round Pole, Painted to match Fixture (XX - Paint Color) UMS IX 8" Horizontal Arm for Square Pole, Painted to match Fixture (XX - Paint Color) UMR GALV 8" Horizontal Arm for Round Pole, Galvanized UMS GALV 8" Horizontal Arm for Square Pole, Galvanized	

Notes
 1. Not available in 347 or 480V.
 2. Not available with P901 - P905 performance packages



ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. Example: SMAWLU T20 US4 GALV

Series	T20	Arm length	Finish	Primer finish
SMAWLU	T20 2-3/8" O.D. 2" NPS	4 arm length 6 arm length 8 arm length	Super durable colors D080D Dark bronze D083D Black D0A3D Natural aluminum D0W8D White D081D Textured dark bronze D0L8D Textured black D0A1D Textured natural aluminum D0W6D Textured white Other finishes: GALV Galvanized steel	Red primer Architectural colors and special finishes Paint over galvanized, RAL colors, custom colors and extended warranty finishes available.

Notes:
 1. Finish must be specified. Additional colors available, see Architectural color brochure linked here (item No. 74.3).

WALL MOUNT BRACKET FOR BUILDING LIGHTS

PERFORMANCE PACKAGE

ATB2	Distribution	Input Watts	2700K			3000K			4000/5000K		
			Lumens	LPW		Lumens	LPW		Lumens	LPW	
P601	R2	175	22,828	131	24,280	139	27,200	156			
	R3		22,689	130	25,200	144	27,080	155			
	R3L		21,844	125	22,513	129	23,761	136			
	R4		23,376	135	23,760	136	24,770	143			
	R5		23,291	135	23,810	138	24,680	143			
P602	R2	196	24,983	126	26,810	135	30,050	152			
	R3		24,851	126	27,770	142	30,020	153			
	R3L		24,270	124	24,770	126	26,400	135			
	R4		25,697	135	26,280	137	27,230	143			
	R5		25,499	135	26,270	138	27,010	144			
P603	R2	233	28,442	121	30,430	131	34,020	145			
	R3		28,269	121	32,760	141	33,990	145			
	R3L		27,087	116	28,050	120	29,464	126			
	R4		29,359	124	29,800	126	31,110	132			
	R5		29,019	125	29,850	127	30,750	132			
P604	R2	263	31,060	118	33,130	126	37,050	140			
	R3		30,871	118	35,670	136	36,950	141			
	R3L		29,369	112	30,541	116	31,946	121			
	R4		32,001	125	32,450	126	33,910	132			
	R5		31,690	126	32,790	127	33,580	133			
P605	R2	295	33,992	115	36,960	125	39,750	135			
	R3		33,785	115	38,670	131	39,910	136			
	R3L		31,867	108	33,149	112	34,863	119			
	R4		34,728	120	35,430	122	36,800	127			
	R5		34,681	121	35,130	122	36,750	128			
P901	R2	190	27,147	137	28,470	143	30,430	154			
	R3		26,982	136	29,040	146	31,250	157			
	R3L		26,100	131	26,603	134	28,390	143			
	R5		27,698	141	29,020	146	29,350	149			
	R2		32,512	133	35,070	144	38,090	156			
P902	R3	245	32,314	132	35,600	145	38,970	159			
	R3L		31,000	127	31,344	128	33,720	138			
	R5		33,171	137	33,740	138	35,150	145			
	R2		37,007	131	38,380	140	42,990	152			
	R3		36,782	130	38,540	140	43,580	154			
P903	R3L	282	35,238	125	35,154	125	38,330	136			
	R5		37,758	134	37,880	134	40,010	142			
	R2		40,420	127	43,410	137	47,220	148			
	R3		40,175	126	43,600	137	48,170	151			
	R3L		38,327								

REI ENGINEERING

4080 N 20th Ave.
Wausau, WI 54401



PROJECT NAME: Proposed Facility (Distribution Center)

LOCATION: Kronenwetter, WI

ZONING: General Industrial (M2)

VILLAGE OF KRONENWETTER - LANDSCAPE REQUIREMENTS

1. Building Foundations

Calculations	Quantity
LF Building Foundation	1360
Pts Required per 200 LF of Building Foundation	100
Total Points Required	680

Plant Category	Pts/Plant	Quantity	Total Pts
Large Deciduous Tree	125	0	0
Small Deciduous Tree	60	0	0
Evergreen Tree	50	0	0
Shrub (Deciduous or Evergreen)	20	35	700
Perennials & Ornamental Grasses	1	61	61
Total Points Proposed			761

2. Paved Areas

Calculations

SF Area of Pavement	574,500
Pts Required per 2,500 SF of Pavement	100

Total Points Required	22980
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Plant Category	Pts/Plant	Quantity	Total Pts
Large Deciduous Tree	125	166	20750
Small Deciduous Tree	60	0	0
Evergreen Tree	50	55	2750
Shrub (Deciduous or Evergreen)	20	0	0
Perennials & Ornamental Grasses	1	0	0

Total Points Proposed	23500
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4. Yards

Calculations

Total Lot Area - (Building SF & Paved Area)	343500
Pts Required per 5000 SF of General Yard Area	100

Total Points Required

6870

Plant Category

	Pts/Plant	Quantity	Total Pts
Large Deciduous Tree	125	49	6125
Small Deciduous Tree	60	0	0
Evergreen Tree	50	17	850
Shrub (Deciduous or Evergreen)	20	0	0
Perennials & Ornamental Grasses	1	0	0

Total Points Proposed

6975

Date: 01.26.2026

REI Engineering Inc.