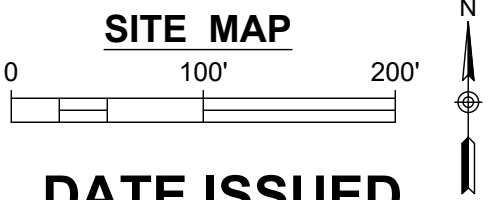
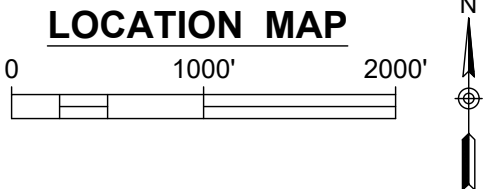
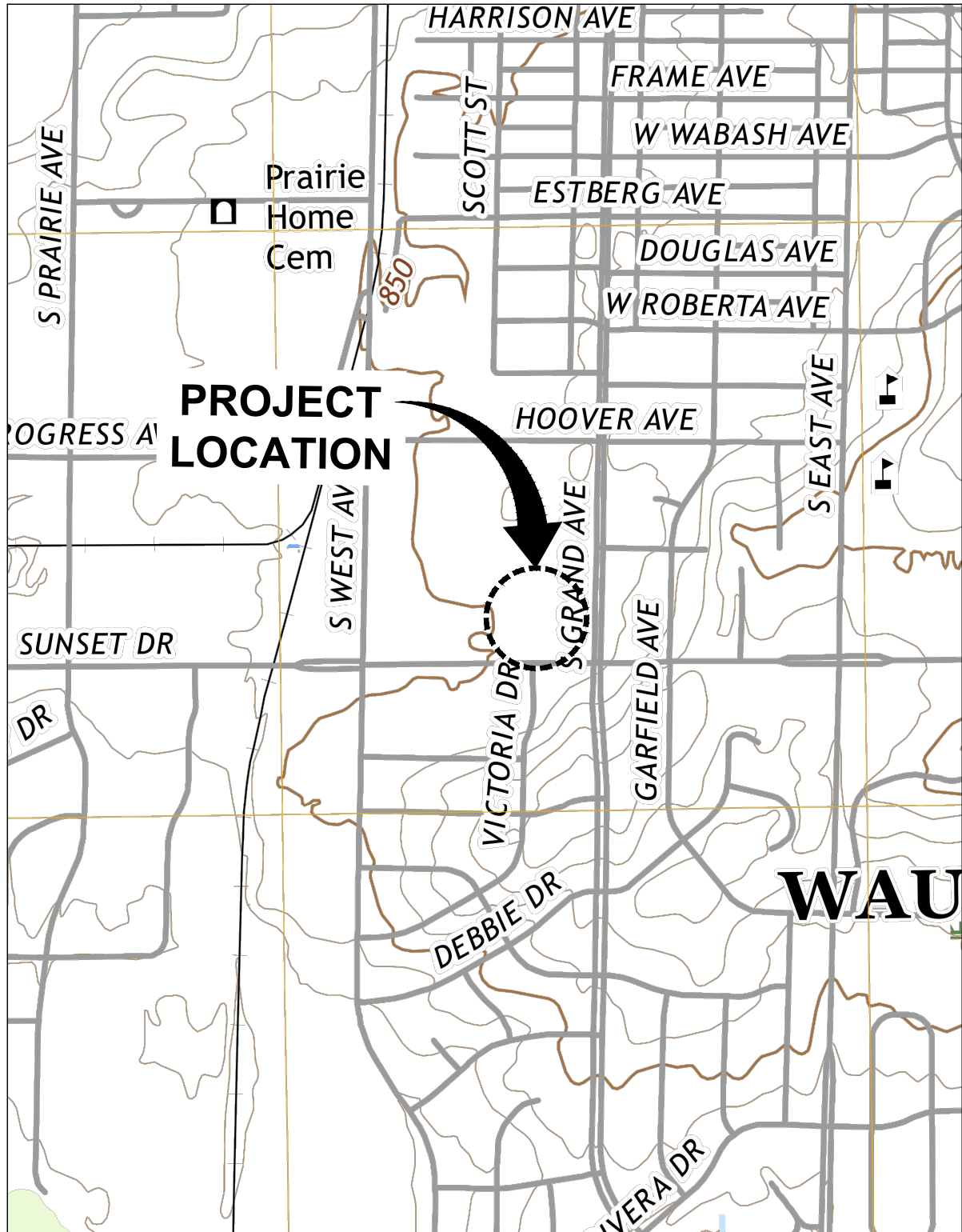


ISSUED FOR MUNICIPAL REVIEW

CULVERS FROZEN CUSTARD - REMODEL

840 WEST SUNSET DRIVE
WAUKESHA, WISCONSIN

CALL OR CLICK 3 WORKING DAYS BEFORE YOU DIG



DATE ISSUED
APRIL 28, 2025

BENCHMARKS:

BM-1
SW CORNER OF SEC 10-6-19
N: 152633.7940'
E: 679068.4340'
ELEV: 823.98

BM-2
MAG NAIL SET IN NW CORNER OF PARKING LOT
N: 152965.5390'
E: 679082.0480'
ELEV: 824.82

Endpoint Solutions

CONTACTS

SITE CONTACT:

ENGINEER/AGENT:
ENDPOINT SOLUTIONS CORP.
6871 S. LOVERS LANE
FRANKLIN, WI 53132
CONTACT: JASON HEINONEN, P.E.
PHONE: 414-858-1920
EMAIL: JASON@ENDPOINTCORPORATION.COM

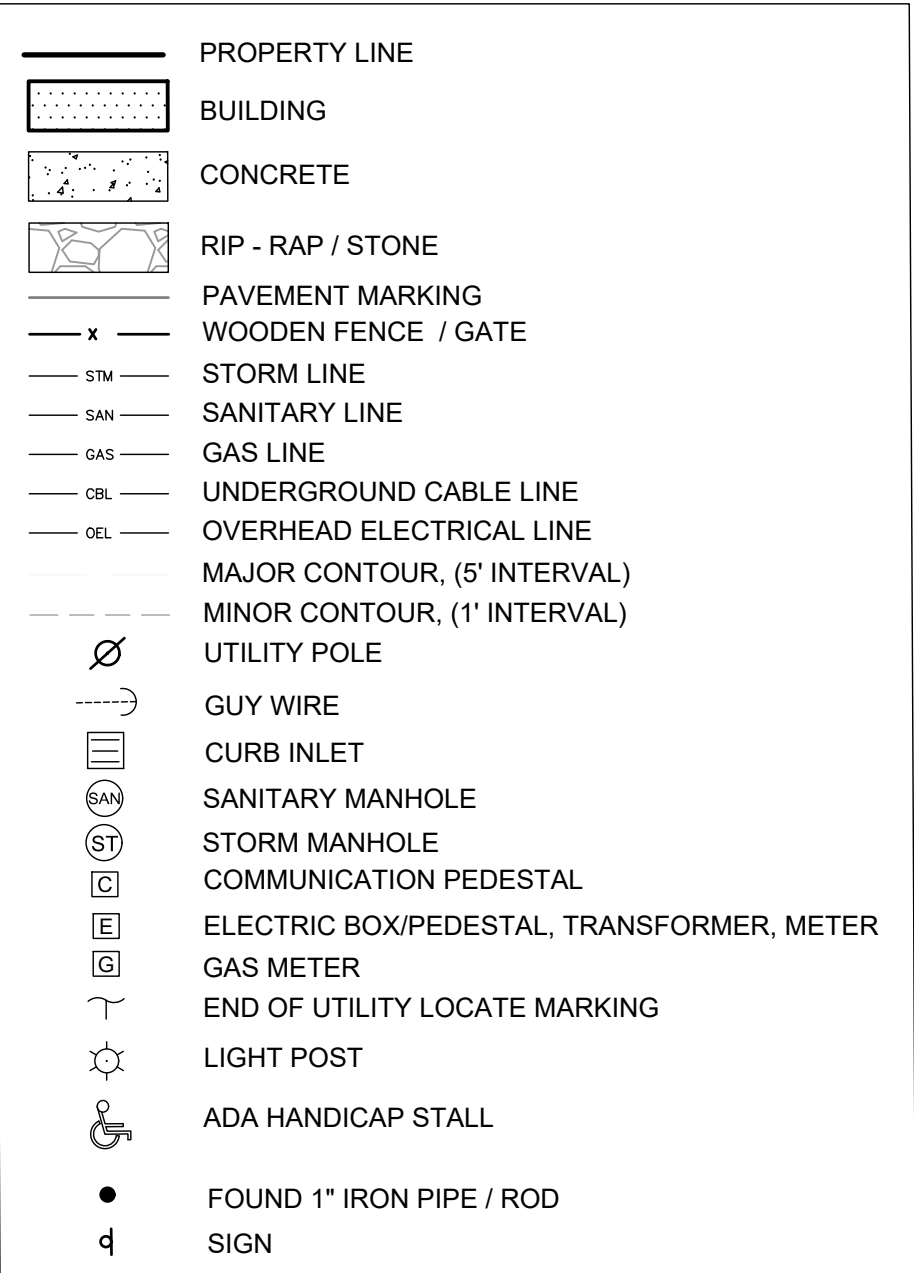
DRAWING SHEET INDEX

CS	COVER SHEET
C1	PRE-CONSTRUCTION CONDITIONS
C2	DEMOLITION PLAN
C3	PROPOSED SITE PLAN
C4	PROPOSED GRAND AND UTILITY PLAN
C5	GENERAL CONSTRUCTION NOTES
C6	CONSTRUCTION DETAILS
C7	EROSION CONTROL DETAILS

ALL SITE IMPROVEMENTS AND CONSTRUCTION SHOWN ON THE PLANS SHALL CONFORM TO THE CURRENT CITY OF WAUKESHA DESIGN AND CONSTRUCTION MANUAL. WHERE THE PLANS DO NOT COMPLY, IT SHALL BE THE SOLE RESPONSIBILITY AND EXPENSE OF THE DEVELOPER TO MAKE REVISIONS TO THE PLANS AND/OR CONSTRUCTED INFRASTRUCTURE TO COMPLY.

REVISION LOG

REVISION	ISSUE DATE	REVISED SHEETS	ISSUED FOR



SURVEY PERFORMED BY ENDPOINT SOLUTIONS CORP. ON 1/9/25
SURVEY GRADE GPS AND CONVENTIONAL ROBOTIC SURVEY.
COORDINATES ARE BASED ON WAUKESHA COUNTY COORDINATE
SYSTEM, US FOOT.

ALL UTILITIES SHOWN ARE APPROXIMATE AND SHOULD BE FIELD
LOCATED AND VERIFIED.

REV: _____	DATE: _____	_____
8	_____	_____
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6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

CULVERS - REMODEL PRE-CONSTRUCTION CONDITIONS

840 WEST SUNSET DRIVE
WAUKESHA, WISCONSIN

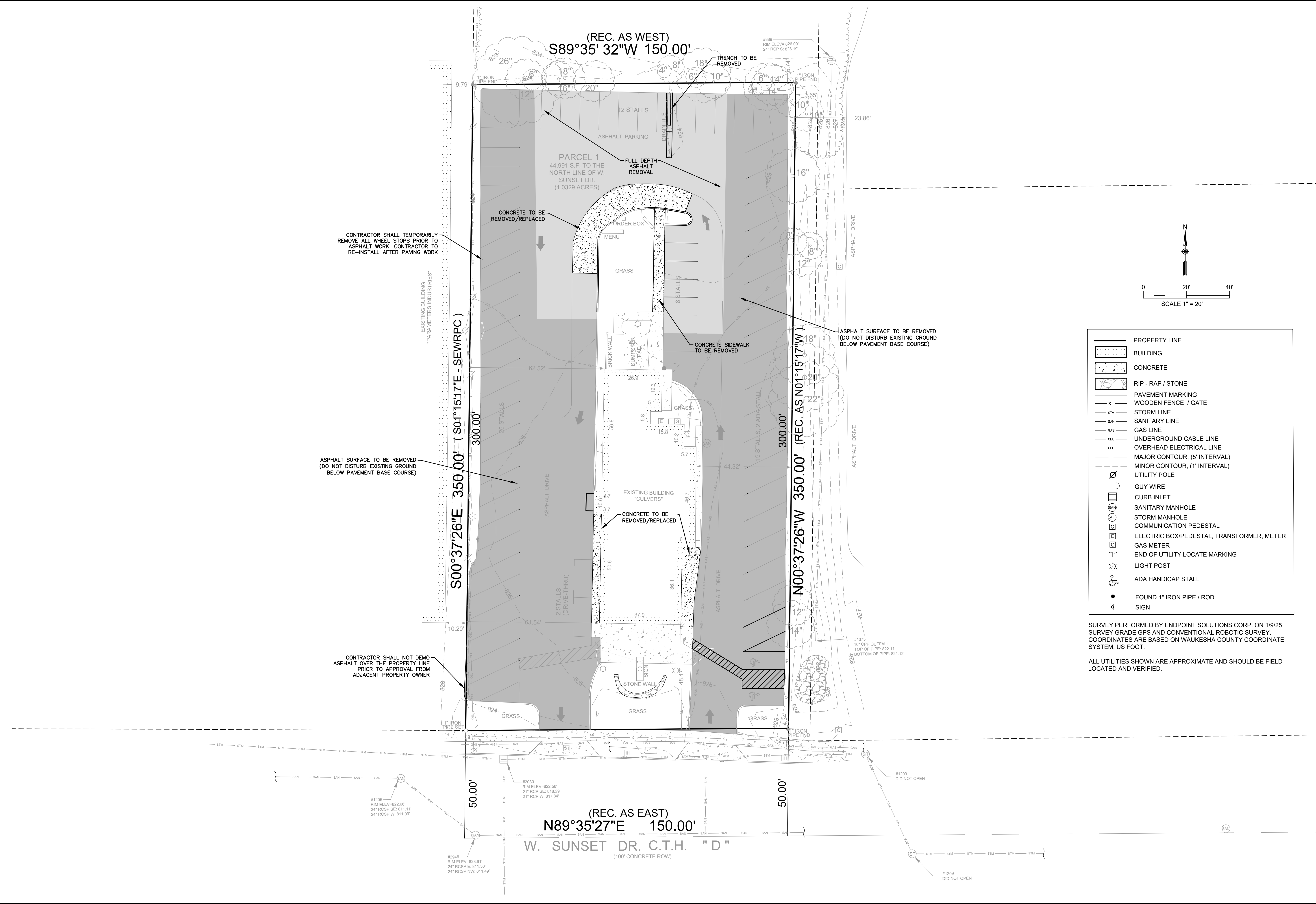
DRAWN BY: JAH/TJS	DATE:
CHECKED BY: JAH	4/28/2025
APPROVED BY: JJJ	

PROJECT NO.
1137-001

SHEET NO.
C1

Apr 28, 2025 1:23pm PLOTTED BY: heinonen. SAVED BY: jeffrey
P:\Culvers Frozen Custard - 1137\CAD\C1_1137 - 001 Pre-construction Conditions.dwg Layout1
IMAGES: T: Template Forms CAD\Logos\Endpoint Solutions HI-Res.jpg; T: Template Forms CAD\Logos\Endpoint Solutions HI-Res.jpg;
XREFS: \1137-001 Survey Base.dwg; \Endpoint 22-34 Border-Culvers.dwg

Apr 28, 2025 1:23pm PLOTTED BY: hehonen. SAVED BY: jeffery
P:\Culvers Frozen Custard - 1137\CAD\C2 1137 - 001 Demolition Plan.dwg Layout1
IMAGES: T:\Template Forms\CADD\Logos\Endpoint Solutions HI-Res.jpg; T:\Template Forms\CADD\Logos\Endpoint Solutions HI-Res.jpg;
XREFS: \Endpoint 22x34 Border-Culvers.dwg; .\1137-001 Survey Base.dwg



Endpoint Solutions

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FRANKLIN, WI 53132
PHONE: (414) 427-1200

CULVERS - REMODEL
DEMOLITION PLAN

840 WEST SUNSET DRIVE
WAUKESHA, WISCONSIN

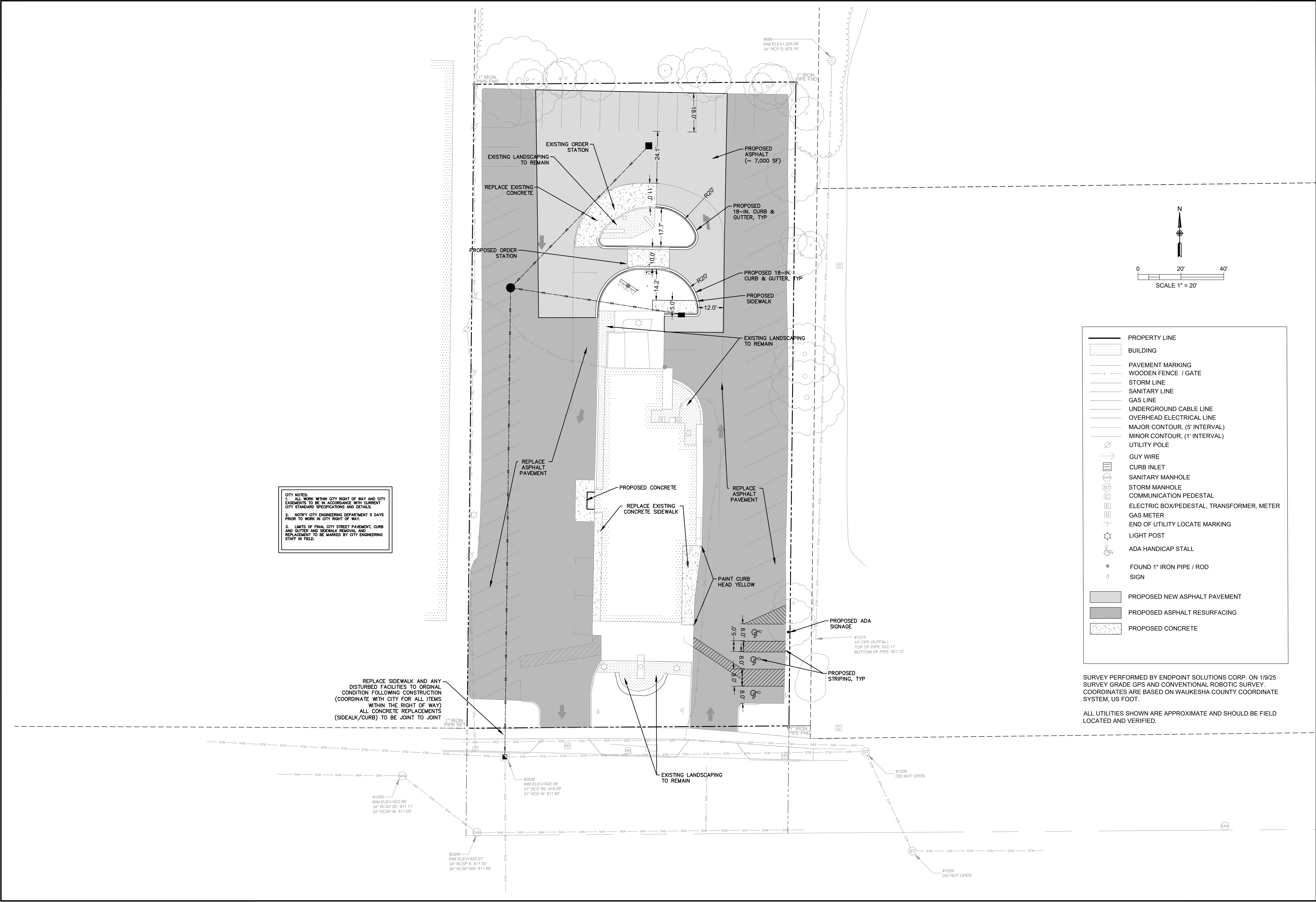
DRAWN BY: JAH/TJS
CHECKED BY: JAH
APPROVED BY: JJJ

DATE:
4/28/2025

PROJECT NO.
1137-001

SHEET NO.
C2

Apr 28, 2025 1:23pm PLOTTED BY: jheinenon. SAVED BY: jheinenon
P:\Culvers Frozen Custard - 1137\CAD\C3 1137 - 001 Proposed Site Plan.dwg
IMAGES: T:\Template Forms\CADD\Logos\Endpoint Solutions HI-Res.jpg; T:\Template Forms\CADD\Logos\Endpoint Solutions HI-Res.jpg; P:\Culvers Frozen Custard - 1137\CAD\C3 1137 - 001 Survey Base.dwg; P:\Culvers Frozen Custard - 1137\CAD\C3 1137 - 001 Proposed Utility.dwg
XREFS: P:\Culvers Frozen Custard - 1137\CAD\C3 1137 - 001 Proposed Layout.dwg; P:\Culvers Frozen Custard - 1137\CAD\C3 1137 - 001 Proposed Utility.dwg



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FRANKLIN, WI 53132
PHONE: (414) 427-1200

CULVERS - REMODEL

PROPOSED SITE PLAN

840 WEST SUNSET DRIVE
WAUKESHA, WISCONSIN

DRAWN BY: JAH/TJS
CHECKED BY: JAH
APPROVED BY: JJJ

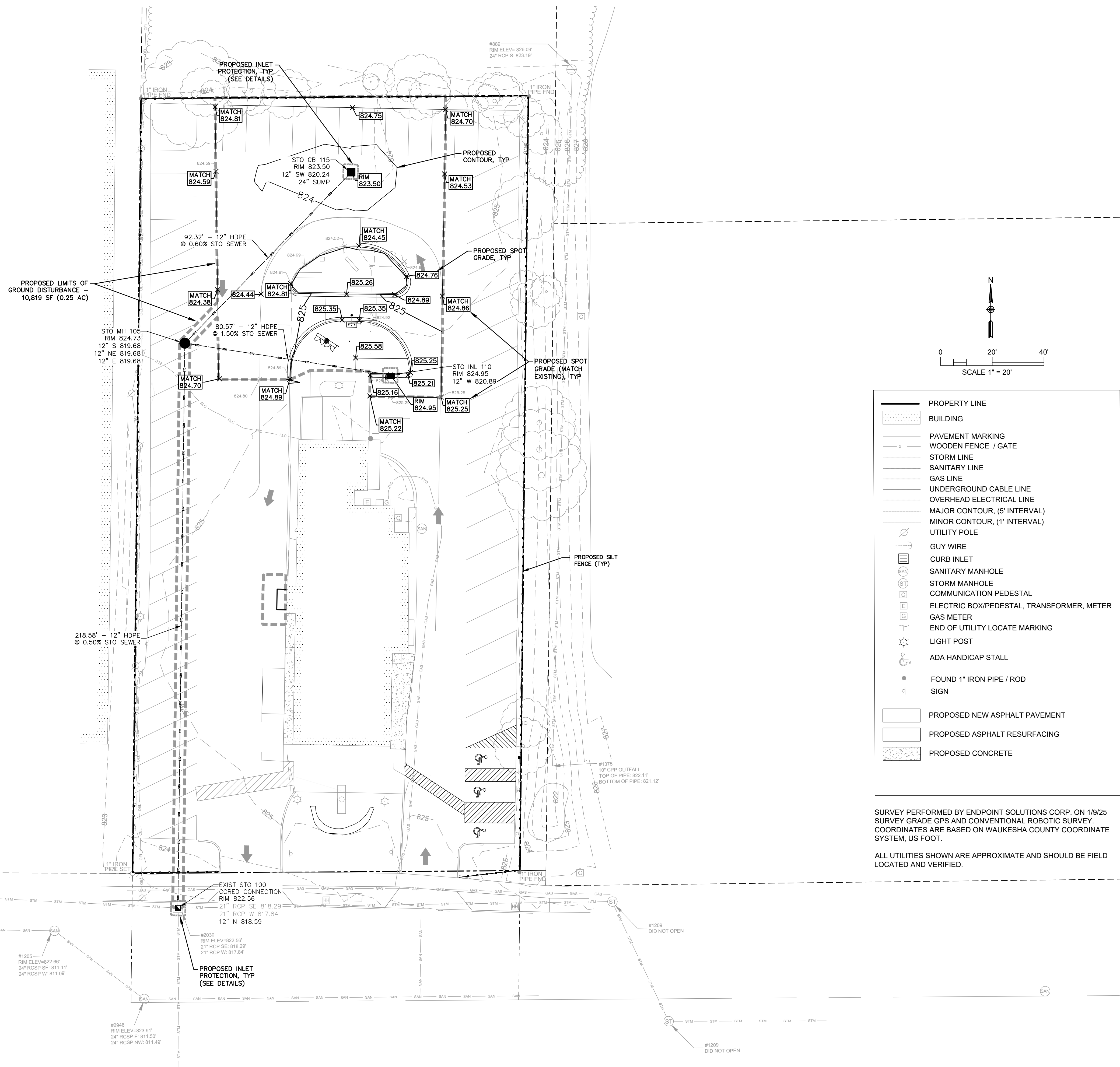
DATE:
4/28/2025

PROJECT NO.
1137-001

SHEET NO.
C3

REV	DATE	
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1. INSTALL SILT FENCE AND INLET PROTECTION AS SHOWN ON PLAN. MAINTAIN AS NECESSARY DURING CONSTRUCTION. INSPECT FOLLOWING RAIN EVENTS.
2. GRADE SITE.
3. STABILIZE DISTURBED GROUND WITH PERMANENT SEED, FERTILIZER AND MULCH.
7. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL BMPs WHEN DISTURBED AREAS ARE PERMANENTLY STABILIZED AND NO LONGER SUSCEPTIBLE TO EROSION.



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FRANKLIN, WI 53132
PHONE: (414) 427-1200

CULVERS - REMODEL
**PROPOSED GRADING AND
UTILITY PLAN**
840 WEST SUNSET DRIVE
WAUKESHA, WISCONSIN

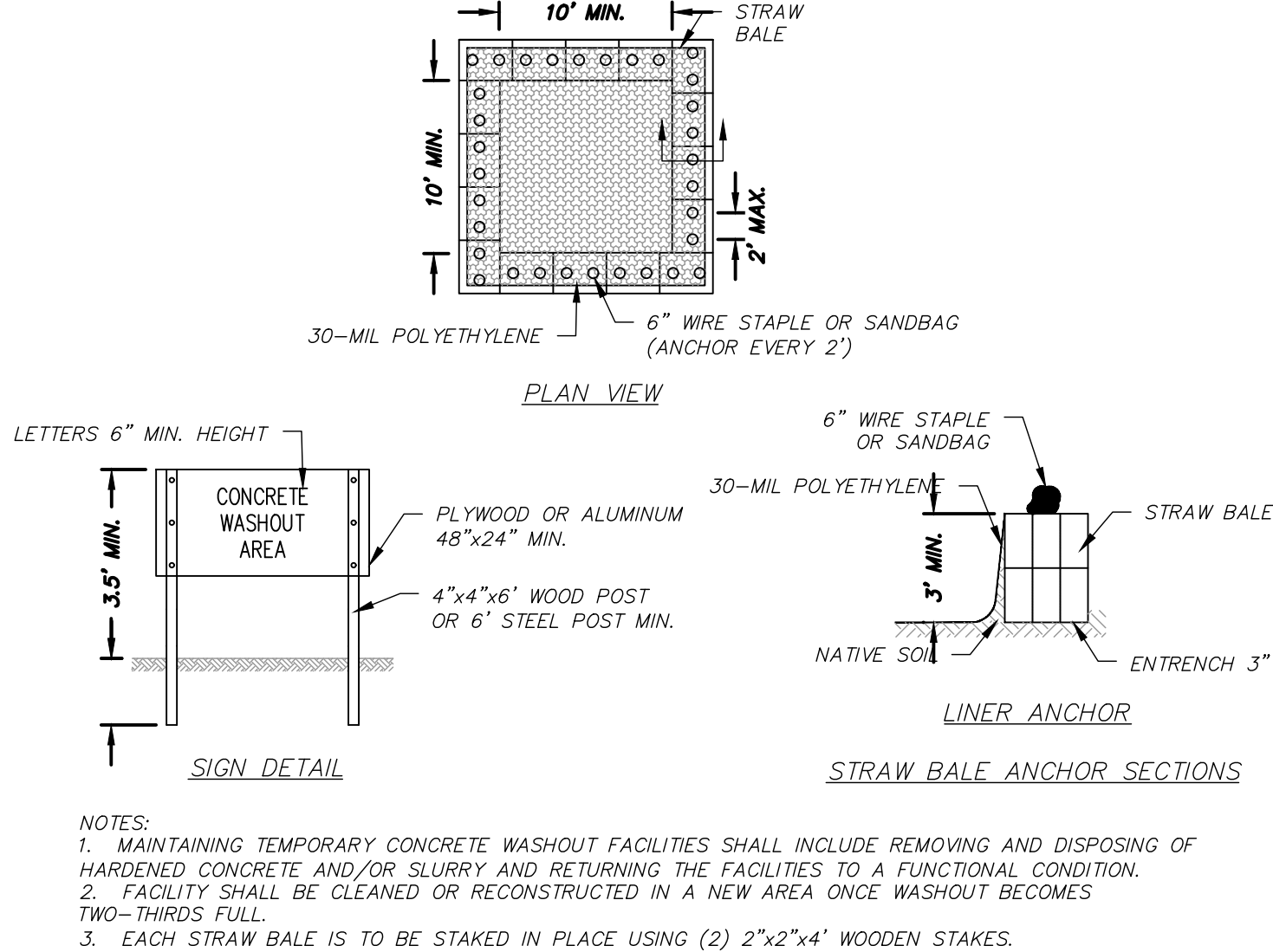
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CHECKED BY: JAH	4/28/2023
APPROVED BY: JJJ	

PROJECT NO.
1137-001

SHEET NO.
C4

Apr 28, 2025 2:12pm PLOTTED BY: heinonen. SAVED BY: jeffrey
P_Culvers Frozen Custard - 1137\CAD\4_1137 - 001 Proposed Grading and Utility Plan.dwg Layout
ITEMS: T: Template Forms CAD\Logos\Endpoint Solutions HI-Res.jpg; T: Template Forms CAD\Logos\Endpoint Solutions HI-Res.jpg;
REFERENCES: \1137-001 Survey Base.dwg; \1137-001 Proposed Layout.dwg; \1137-001 Proposed Grading.dwg; \1137-001 Proposed Utility.dwg

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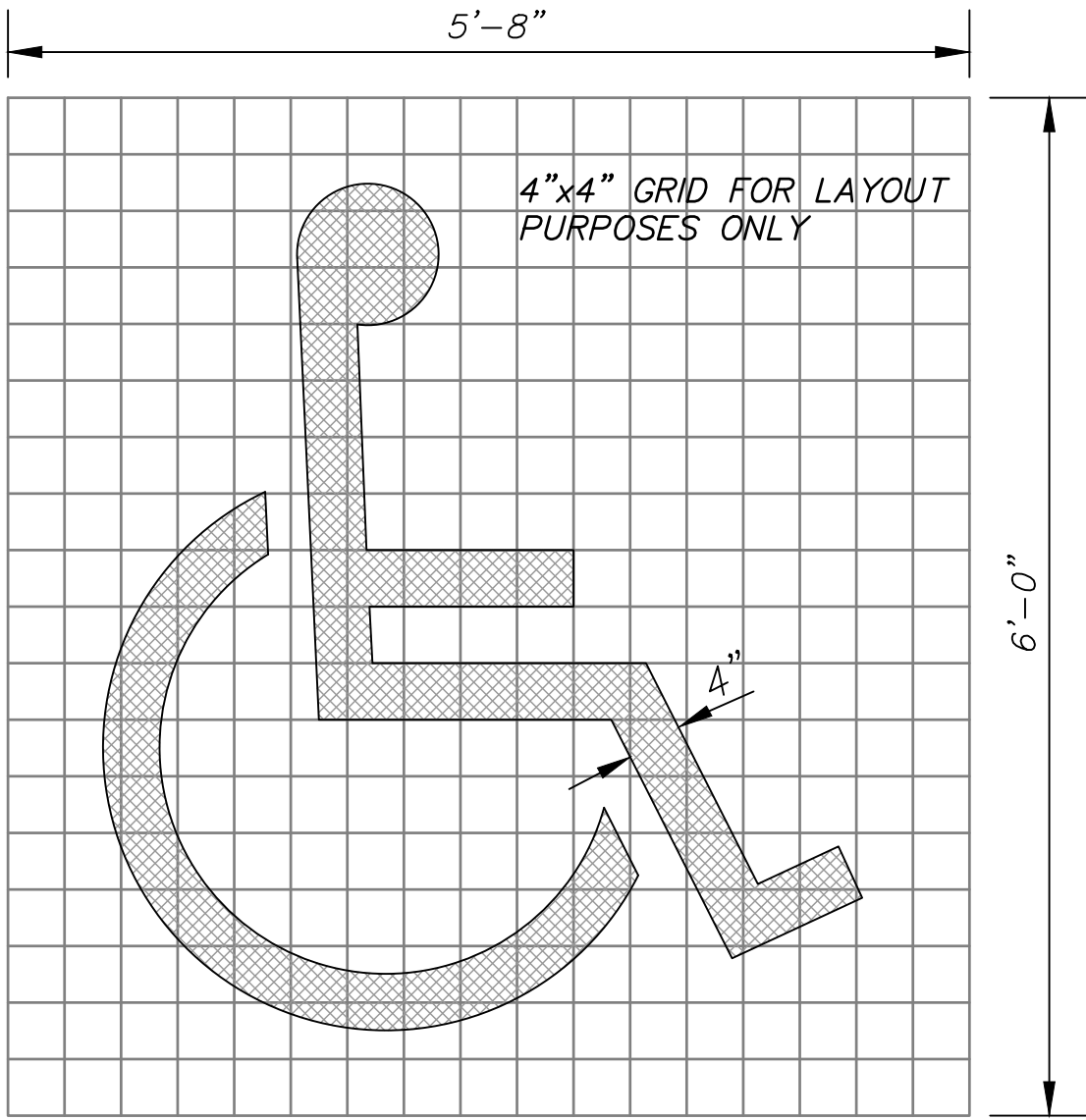


TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE

NOT TO SCALE

GENERAL GRADING NOTES

1. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE D.O.T. STANDARD SPECIFICATIONS, LOCAL ORDINANCES AND SPECIFICATIONS, AND RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
2. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATIONS OF ALL GRADING AND FOR ACTUAL LAND BALANCE, INCLUDING UTILITY TRENCH SPOIL. THE CONTRACTOR SHALL IMPORT OR EXPORT MATERIAL AS NECESSARY TO COMPLETE THE PROJECT.
3. GRADING SHALL CONSIST OF CLEARING AND GRUBBING EXISTING VEGETATION, STRIPPING TOPSOIL, REMOVAL OF EXISTING PAVEMENT OR FOUNDATIONS, IMPORTING OR EXPORTING MATERIAL TO ACHIEVE AND ON-SITE EARTHWORK BALANCE, GRADING THE PROPOSED BUILDING PADS AND PAVEMENT AREAS, SCARIFYING AND FINAL COMPACTION OF THE PAVEMENT SUBGRADE, AND PLACEMENT OF TOPSOIL.
4. THE CONTRACTOR SHALL MAINTAIN SITE DRAINAGE THROUGHOUT CONSTRUCTION.
5. EROSION AND SEDIMENT CONTROL MEASURES ARE REQUIRED AS PART OF THIS PROJECT. CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL PROVISIONS OF LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS THE SITE SPECIFIC SWPPP (IF APPLICABLE). ALL LAND DISTURBING ACTIVITIES MAY BE SUBJECT TO INSPECTION BY LOCAL AUTHORITIES AND THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES.
6. CONTRACTOR SHALL MINIMIZE CLEARING AND DISTURBANCE TO THE ENVIRONMENT TO THE EXTENT POSSIBLE. CONTRACTOR RESPONSIBLE FOR RESTORATION OF ALL DISTURBED AREAS.
7. RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DISPOSED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE SITE THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE REMOVAL OF CONSTRUCTION WASTE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
8. SILT FENCE AND OTHER EROSION CONTROL FACILITIES MUST BE INSTALLED PRIOR TO CONSTRUCTION OR ANY OTHER LAND DISTURBING ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION CONTROL FACILITIES ONCE THE SITE HAS STABILIZED.
9. NO FILL SHALL BE PLACED ON A WET OR SOFT SUBGRADE. THE SUBGRADE SHALL BE PROOF-ROLLED AND INSPECTED BY THE GEOTECHNICAL ENGINEER BEFORE ANY MATERIAL IS PLACED.
10. ALL FILL SHALL BE CONSIDERED STRUCTURAL FILL AND SHALL BE PLACED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT
11. BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL OR POINT OF CONNECTION AND VERIFY THE SIZE, LOCATION AND ELEVATION OF ALL UTILITIES.
12. TEMPORARY EROSION CONTROL MATTING SHALL BE PLACED ON ALL SLOPES THAT ARE STEEPER THAT 4:1.
13. ALL PROPOSED CONTOURS REPRESENT FINAL FINISHED GRADE ELEVATIONS.



PAINTED ADA SYMBOL

NOT TO SCALE

GENERAL NOTES

1. THE BIDDER WILL BE SOLELY RESPONSIBLE FOR QUANTITIES AND ESTIMATE OF WORK REQUIRED AND SHALL STATE SUCH QUANTITIES IN THEIR BID.
2. THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, AND THE MUNICIPALITY, THEIR AGENTS, ETC, FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION OF THIS PROJECT.
3. SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. SOIL CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. A GEOTECHNICAL REPORT IS AVAILABLE FROM THE OWNER. THE CONTRACTOR SHALL ABIDE BY THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THE WORK. THE CONTRACTOR SHALL CONDUCT THEIR WORK ACCORDING TO THE REQUIREMENTS OF THE PERMITS.
6. THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL COMPARE FIELD CONDITIONS WITH DRAWINGS.
7. CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES DURING CONSTRUCTION. ANY PROPERTY (PRIVATE OR PUBLIC) WHICH ARE DAMAGED DURING CONSTRUCTION MUST BE RESTORED TO ORIGINAL CONDITIONS BY THE CONTRACTOR. THE COST OF THE RESTORATION IS CONSIDERED INCIDENTAL, AND SHOULD BE INCLUDED IN THE BID PRICES.
8. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY INFORMATION SHOWN ON THE PLANS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL DIGGER'S HOTLINE TO REQUEST FIELD STAKING OF EXISTING UTILITIES AND NOTIFY THE UTILITIES OF THE PROJECT COMPONENTS.
9. CONTRACTOR SHALL ENSURE ALL MUD AND DEBRIS IS NOT DEPOSITED ONTO THE ADJACENT ROADWAYS PER THE REQUIREMENT OF THE AGENCY HAVING JURISDICTION ON THE ROADWAYS.
- 10.SUBMITTALS:
 - A. SHOP DRAWINGS AND/OR MANUFACTURER'S PRODUCT DATA SUBMITTALS ARE REQUIRED ONLY IF THE PRODUCT OR METHOD OF CONSTRUCTION:
 - a. IS DIFFERENT FROM THAT SPECIFIED OR
 - b. IS PART OF THE WORK THAT WILL BE DEDICATED AS A PUBLIC UTILITY OR ROADWAY AT THE END OF THE PROJECT OR
 - c. IF REQUIRED BY THE MUNICIPAL ENGINEER.
 - B. FOR UTILITY OR ROAD WORK THAT WILL BE DEDICATED TO A MUNICIPALITY, CONTRACTOR MUST MAKE SUBMITTALS TO THE MUNICIPALITY AS WELL AS ENGINEER.

PRIVATE UTILITIES

1. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO WISCONSIN ADMINISTRATIVE CODE, SECTION SPS 382-384, LATEST EDITION, THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, LATEST EDITION, AND THE LOCAL ORDINANCES AND SPECIFICATIONS.
2. PROPOSED STORM SHOWN ON THIS PLAN SHALL TERMINATE AT A POINT FIVE (5) FEET FROM THE EXTERIOR BUILDING WALL.
3. MATERIALS FOR PROPOSED STORM SEWER SHALL BE AS FOLLOWS:

STORM SEWER PIPE 30" OR LARGER SHALL BE EITHER:

- A. REINFORCED CONCRETE, ASTM C-76, CLASS III OR GREATER, WITH ELASTOMERIC SEALS CONFORMING TO ASTM C-443.
- B. HIGH DENSITY POLYETHYLENE (HDPE) WITH A SMOOTH INTERIOR AND ANNULAR EXTERIOR CORRUGATIONS, SUCH AS ADS N-12 WT. HDPE PIPE SHALL CONFORM TO ASTM F2648 AND F2306. JOINTS SHALL BE WATER TIGHT CONFORMING TO ASTM D3212 WITH ELASTOMERIC SEALS (GASKETS) CONFORMING TO ASTM F477.

STORM SEWER PIPE 24" OR LESS SHALL BE EITHER:

- A. HIGH DENSITY POLYETHYLENE (HDPE) WITH A SMOOTH INTERIOR AND ANNULAR EXTERIOR CORRUGATIONS, SUCH AS ADS N-12 WT. HDPE PIPE SHALL CONFORM TO ASTM F2648 AND F2306. JOINTS SHALL BE WATER TIGHT CONFORMING TO ASTM D3212 WITH ELASTOMERIC SEALS (GASKETS) CONFORMING TO ASTM F477.
 - B. POLYVINYL CHLORIDE (PVC) PIPE, ASTM D-3034, SDR 35, WITH ELASTOMERIC PUSH-ON JOINTS CONFORMING TO ASTM D-3212.
 - C. REINFORCED CONCRETE, ASTM C-76, CLASS III OR GREATER, WITH ELASTOMERIC SEALS CONFORMING TO ASTM C-443.
- TRENCH SECTION SHALL BE CLASS "C" FOR CONCRETE AND CLASS "B" FOR ALL OTHER MATERIALS.

4. EXTREME CAUTION MUST BE FOLLOWED REGARDING THE COMPACTION OF ALL UTILITY TRENCHES. MECHANICALLY COMPACTED GRANULAR BACKFILL IS REQUIRED UNDER & WITHIN 5 FEET OF ALL PAVEMENT INCLUDING SIDEWALKS. FLOODING OF BACKFILL MATERIAL IS NOT ALLOWED. THE COST OF THIS GRANULAR MATERIAL AND ITS COMPACTION IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF THE PROPOSED UTILITY.
5. UPON COMPLETION OF FINAL PAVING OPERATIONS, THE UTILITY CONTRACTOR SHALL ADJUST ALL MANHOLE AND INLET RIMS AND VALVE BOXES TO FINISHED GRADE.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH A SET OF MARKED-UP PRINTS SHOWING ALL CHANGES MADE DURING THE CONSTRUCTION PROCESS. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE OWNER.
7. TRACER WIRE SHALL BE INSTALLED ON ALL BURIED NON-METALLIC SANITARY SEWERS, PRIVATE SANITARY INTERCEPTOR MAIN SEWERS, STORM BUILDING SEWERS, AND PRIVATE STORM INTERCEPTOR MAIN SEWERS THAT DISCHARGE TO MUNICIPAL MAINS. TRACER WIRE SHALL ALSO BE INSTALLED ON ALL BURIED NON-METALLIC WATER SERVICES AND PRIVATE WATER MAINS CONNECTED TO MUNICIPAL SUPPLY SYSTEMS. TRACER WIRE SHALL BE IN ACCORDANCE WITH SPS 382.30(11)(h) AND SPS 382.36(7)(d)10.b.
8. MATERIALS FOR SANITARY SEWER SHALL BE AS FOLLOWS:

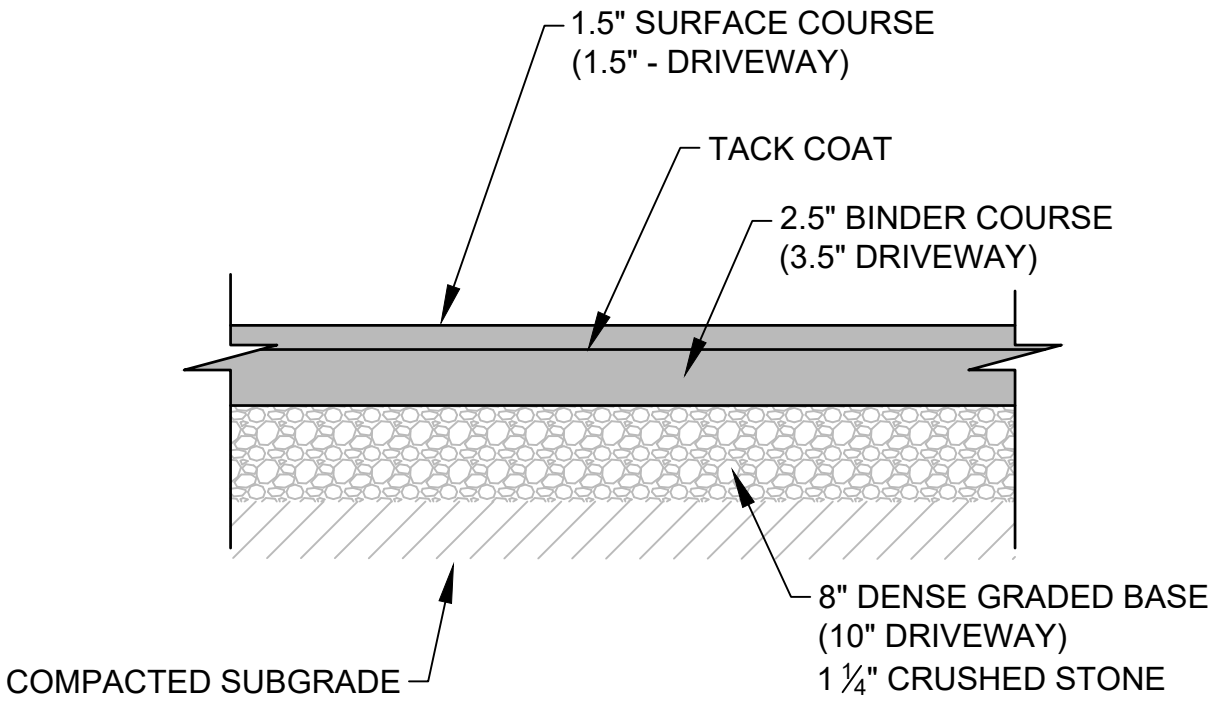
SANITARY SEWER PIPE SHALL BE PVC, ASTM D-3034, SDR-35 WITH RUBBER GASKETED JOINTS, CONFORMING TO ASTM D-3212.

TRENCH SECTION SHALL BE CLASS "B" BEDDING. CRUSHED STONE CHIPS SHALL BE USED FOR BEDDING MATERIAL. PREFABRICATED WYE CONNECTIONS ARE REQUIRED FOR SANITARY LATERALS

9. MATERIALS FOR WATER SERVICE SHALL BE AS FOLLOWS:

WATER SERVICE SHALL BE CLASS 55 DUCTILE IRON (DI), ASTM A-377, WITH ELASTOMERIC JOINTS (AWWA C-111), WITH A VALVE AT THE SUPPLY MAIN OR C900 PVC PRESSURE RATED FOR WATER.

TRENCH SECTION SHALL CONFORM TO SECTION 4.3.C, FILE NO. 38 OF THE STANDARD SPECIFICATIONS. SAND OR STONE CHIP BEDDING MATERIAL IS REQUIRED.

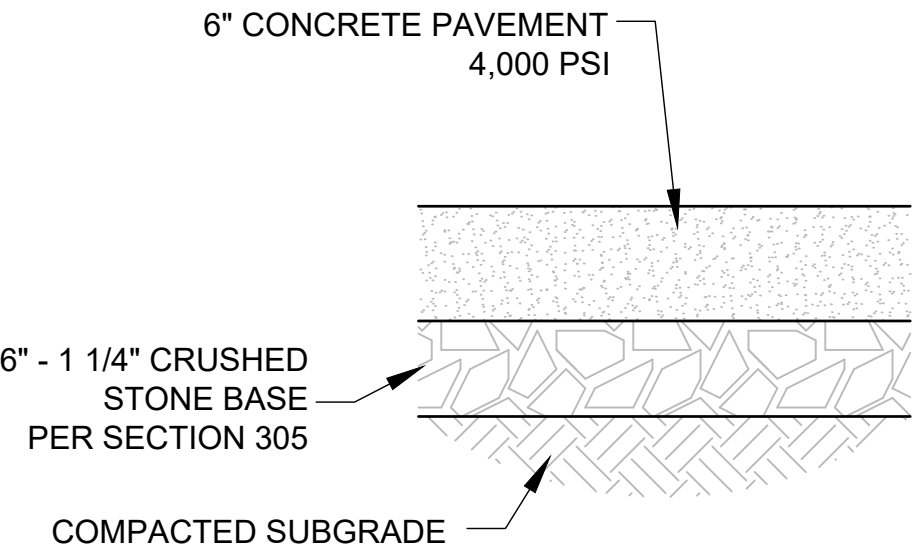


NOTES:

1. PAVEMENT TO BE INSTALLED PER GEOTECHNICAL REPORT OR OWNER RECOMMENDATIONS.

TYPICAL ASPHALT PAVEMENT

NOT TO SCALE



NOTES:

1. PAVEMENT TO BE INSTALLED PER GEOTECHNICAL REPORT OR OWNER RECOMMENDATIONS.

TYPICAL CONCRETE PAVEMENT

NOT TO SCALE

PAVING

1. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO THE WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, AND THE LOCAL ORDINANCES AND SPECIFICATIONS, AND THE GEOTECHNICAL REPORT.
2. PAVING SHALL CONSIST OF FINE GRADING PAVEMENT AREAS, INSTALLATION OF CRUSHED STONE BASE, CONCRETE AND/OR BITUMINOUS PAVEMENT, PAVEMENT MARKING, AND CLEANUP. ALL MATERIALS SHALL BE PROVIDED BY THE CONTRACTOR.
3. AGGREGATES USED IN THE HMA SHALL BE IN ACCORDANCE WITH SUBSECTION 460.2.2.3 OF THE STANDARD SPECIFICATIONS.
4. CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING SECTIONS OF THE STANDARD SPECIFICATIONS: SECTION 415 FOR CONCRETE PAVEMENT AND SECTION 602 FOR CONCRETE SIDEWALKS.
5. RESTORATION OF PUBLIC SIDEWALK SHALL BE JOINT TO JOINT. RESTORATION OF CURB AND GUTTER SHALL BE JOINT TO JOINT.
6. PAVEMENT MARKINGS SHALL BE PAINT IN ACCORDANCE WITH SECTION 646 OF THE STANDARD SPECIFICATIONS. THE FOLLOWING ITEMS SHALL BE PAINTED WITH COLORS NOTED BELOW:

PARKING STALLS: WHITE
PEDESTRIAN CROSSWALKS: WHITE
ADA SYMBOLS: BLUE OR PER LOCAL CODE
EXTERIOR SIDEWALK CURBED, LIGHTPOLE BASES, AND GUARD POSTS: YELLOW

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Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

CULVERS - REMODEL

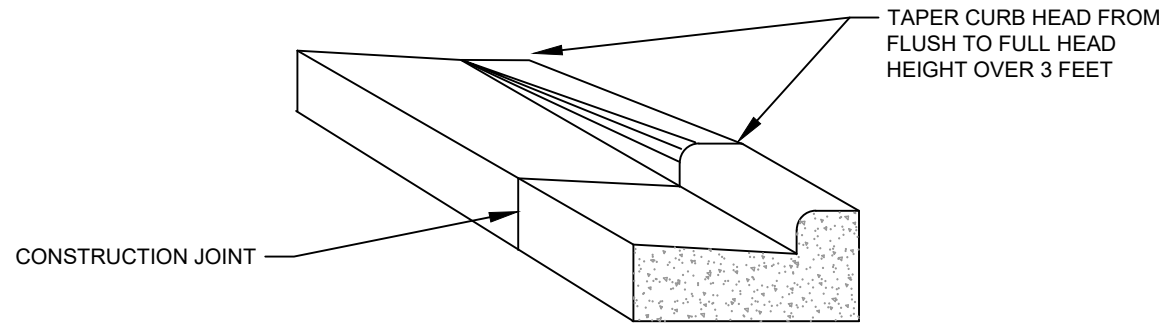
GENERAL CONSTRUCTION NOTES

840 WEST SUNSET DRIVE
WAUKESHA, WISCONSIN

DRAWN BY: JAH/TJS	DATE:
CHECKED BY: JAH	4/28/2025
APPROVED BY: JJJ	

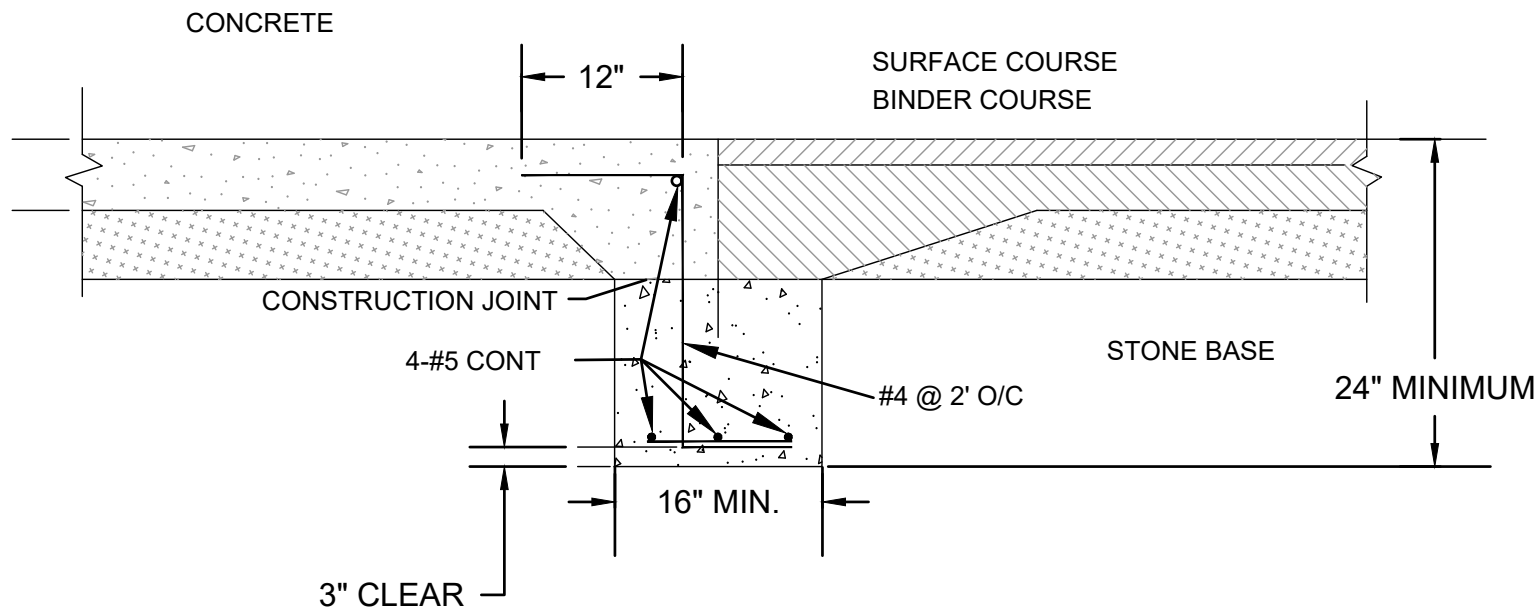
PROJECT NO.
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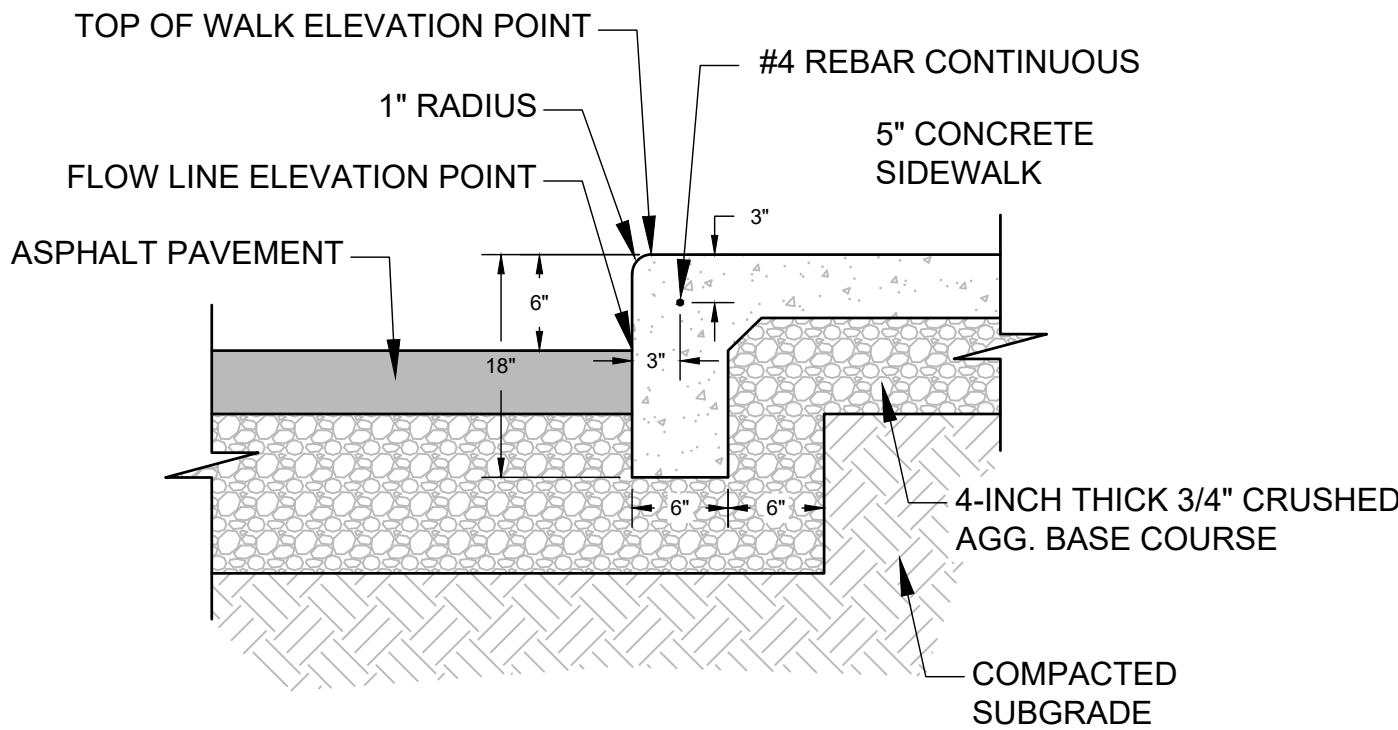
CURB & GUTTER TAPER

NOT TO SCALE



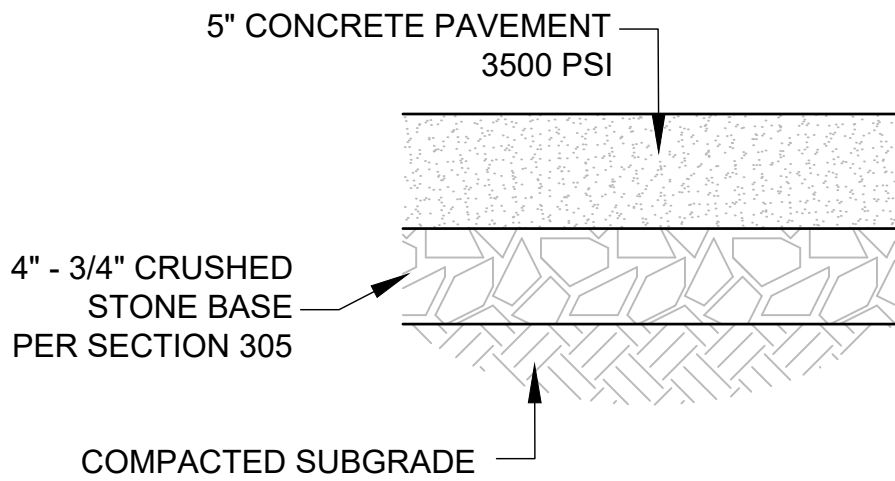
CONCRETE/ASPHALT JOINT DETAIL

NOT TO SCALE



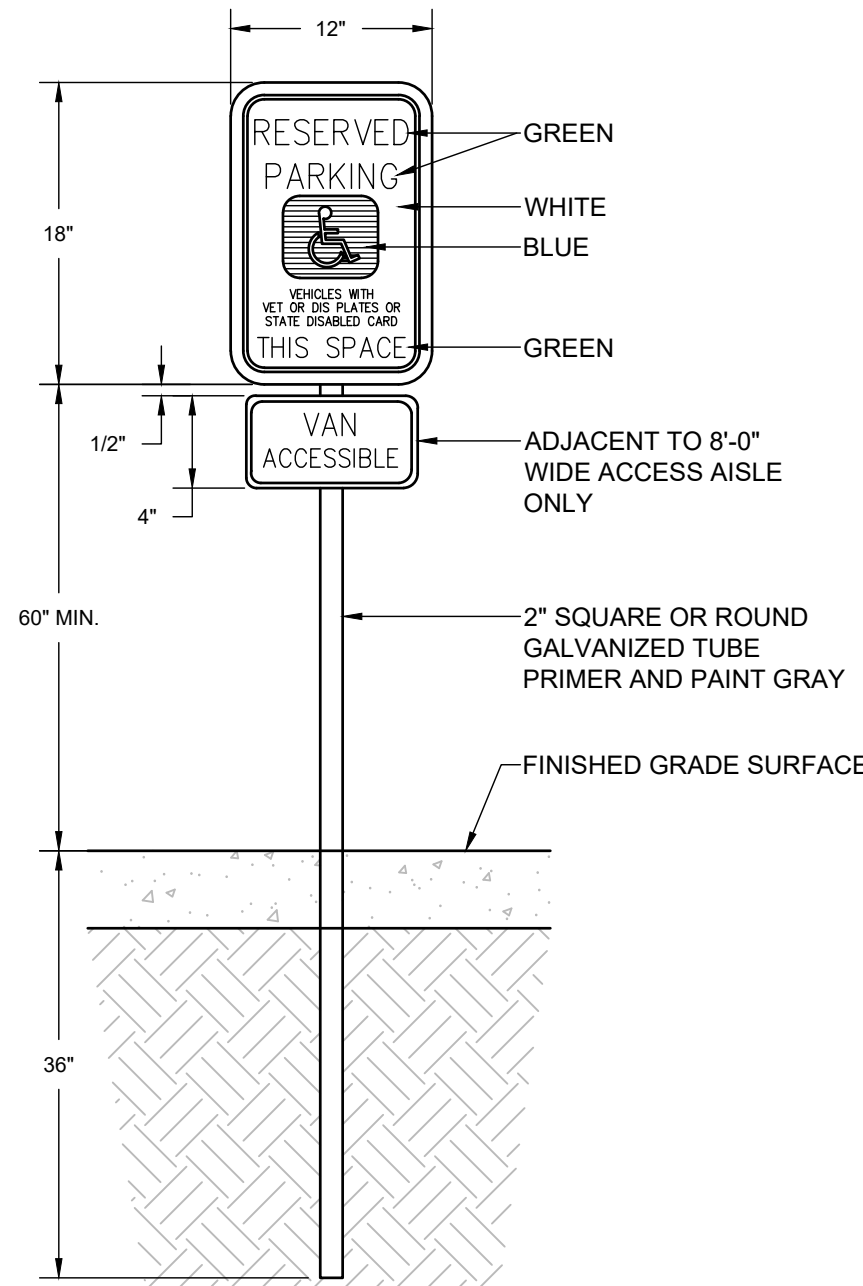
CONCRETE WALK WITH THICKENED EDGE

NOT TO SCALE



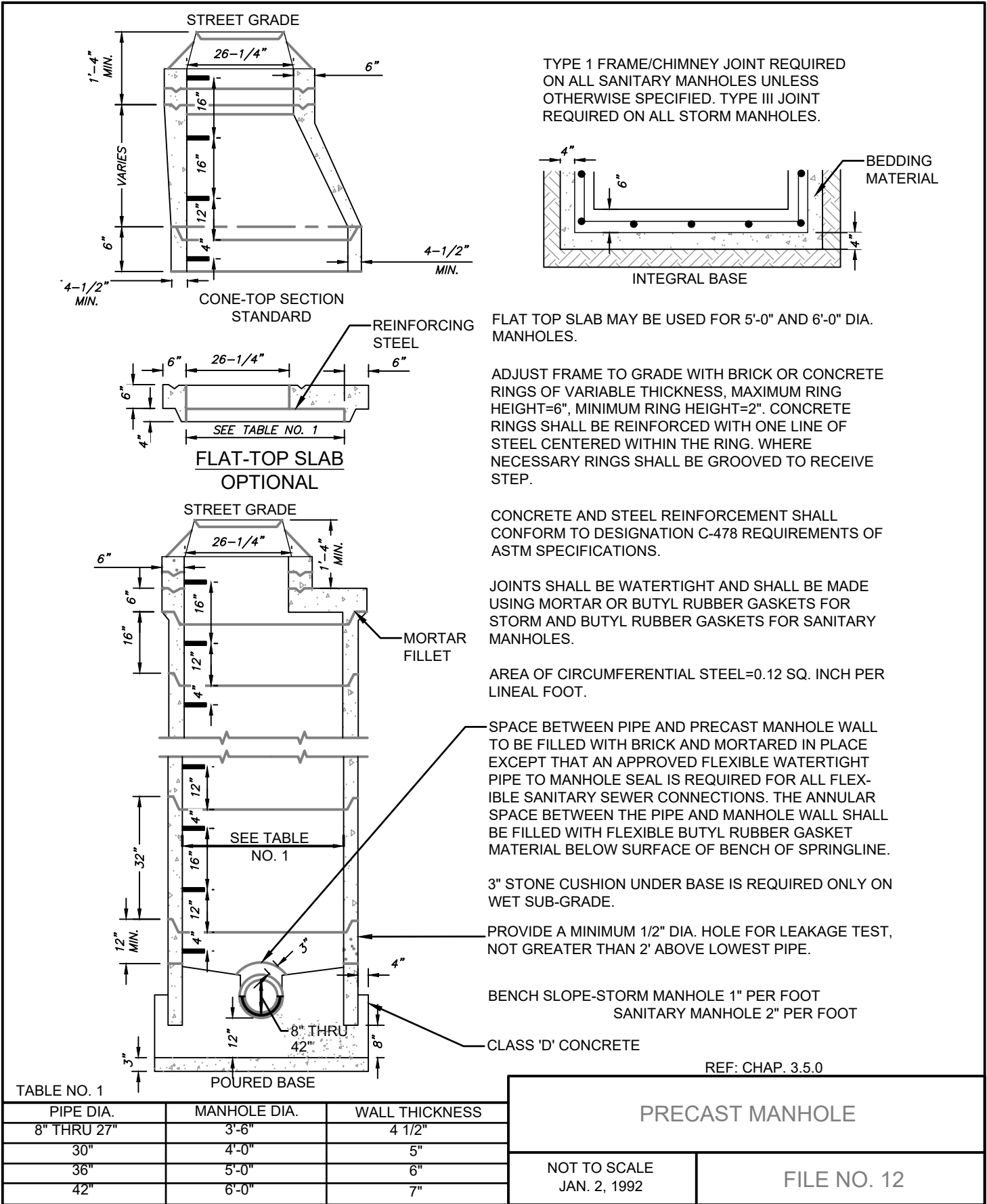
CONCRETE SIDEWALK DETAIL

NOT TO SCALE



ACCESSIBLE PARKING SIGN

NOT TO SCALE



MANHOLE & INLET & CATCH BASIN STRUCTURE DETAIL PER FILE NO. 12, STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN

(NOT TO SCALE)

MANHOLE & INLET & CATCH BASIN NOTES:

INLET (INL)

REFER TO FILE NO. 12 (STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, DETAIL ON THIS SHEET - ABOVE) EXCEPT:

- USE NEENAH CASTING R-3067 WITH TYPE C GRATE AT ALL CURB INLET LOCATIONS. USE NEENAH CASTING R-2050 WITH TYPE C GRATE AT ALL PAVED FIELD INLET AREAS UNLESS OTHERWISE NOTED ON PLANS.
- USE 48" MINIMUM DIAMETER UNLESS INDICATED OTHERWISE ON PLAN

CONTRACTOR RESPONSIBLE FOR VERIFYING REQUIRED CASTING IS COMPATIBLE WITH STRUCTURE. IF NOT COMPATIBLE, CONTACT ENGINEER IMMEDIATELY FOR POSSIBLE REDESIGN.

CATCH BASIN (CB)

REFER TO FILE NO. 12 (STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, DETAIL ON THIS SHEET - ABOVE) EXCEPT:

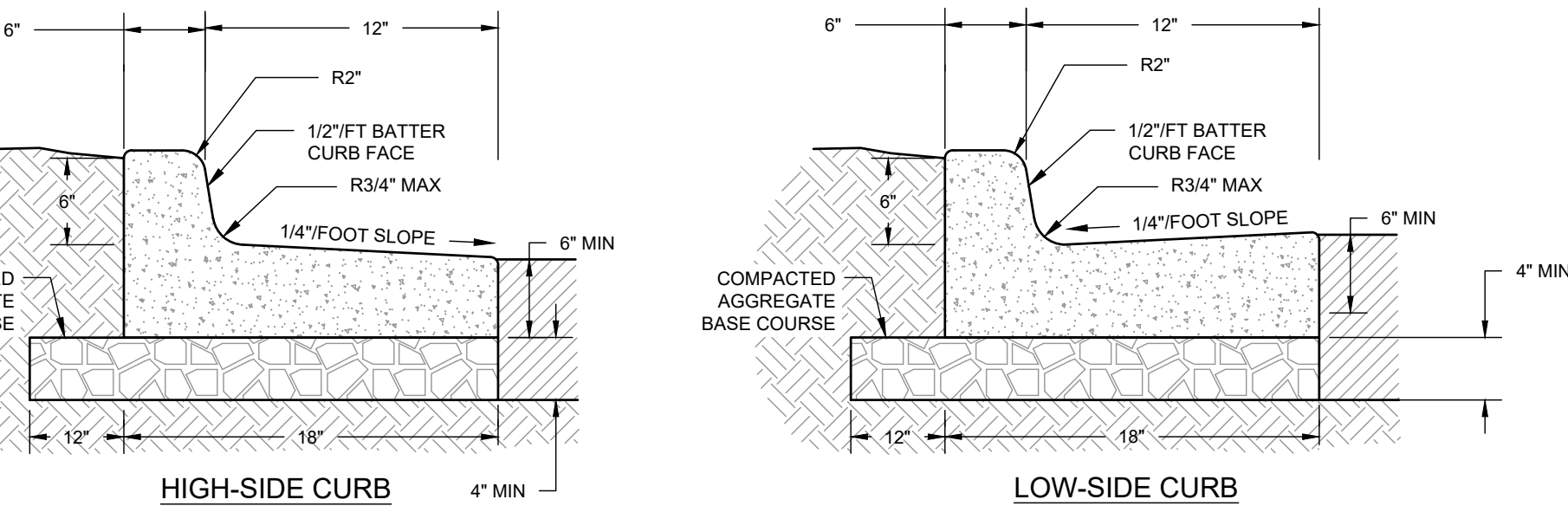
- USE NEENAH CASTING R-3067 WITH TYPE C GRATE AT ALL CURB INLET LOCATIONS. USE NEENAH CASTING R-2050 WITH TYPE C GRATE AT ALL PAVED FIELD INLET AREAS UNLESS OTHERWISE NOTED ON PLANS.
- USE 48" MINIMUM DIAMETER UNLESS INDICATED OTHERWISE ON PLAN
- STRUCTURE SHALL HAVE 1' DEEP SUMP UNLESS INDICATED OTHERWISE ON PLAN.

CONTRACTOR RESPONSIBLE FOR VERIFYING REQUIRED CASTING IS COMPATIBLE WITH STRUCTURE. IF NOT COMPATIBLE, CONTACT ENGINEER IMMEDIATELY FOR POSSIBLE REDESIGN.

MANHOLE (MH)

REFER TO FILE NO. 12 (STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, DETAIL ON THIS SHEET), EXCEPT:

- USE NEENAH R-1661 FRAME AND GRATE WITH SELF SEALING LID AND CONCEALED PICK-UP HOLES, OR EQUIVALENT.
- CONTRACTOR RESPONSIBLE FOR VERIFYING REQUIRED CASTING IS COMPATIBLE WITH STRUCTURE. IF NOT COMPATIBLE, CONTACT ENGINEER IMMEDIATELY FOR POSSIBLE REDESIGN.
- USE 48" MINIMUM DIAMETER UNLESS INDICATED OTHERWISE ON PLAN.
- CONCRETE BENCHES ARE OPTIONAL UNLESS INDICATED OTHERWISE ON PLAN.
- CONCRETE ADJUSTING RINGS SHALL BE SET IN A FULL BED OF MORTAR. A MINIMUM THICKNESS OF 1/2-INCH OF MORTAR SHALL BE PLACED AND MAINTAINED BETWEEN THE ADJUSTING RINGS AND THE INLET MASONRY AND BETWEEN ALL CONCRETE ADJUSTING RINGS.



NOTES:

- 3500 PSI CONCRETE SHALL BE USED IN CONSTRUCTION OF THE CURB & GUTTER.
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE SLOPE OF THE GUTTER PAN.
- FOR DEPRESSED CURB HEAD SLOPE, USE THE SAME SLOPE AS ADJACENT SIDEWALK.
- THE BOTTOM OF THE CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDE MINIMUM 6" GUTTER THICKNESS MAINTAINED. TRANSVERSE CONTRACTION JOINTS SHALL BE CUT OR SAWED AT MAXIMUM 20 FOOT INTERVALS.
- 1/2" PREFORMED EXPANSION JOINT FILLER SHALL BE PLACED TRANSVERSELY IN THE CURB ABUTTING EXISTING CURB AND SIDEWALK, WALLS OR BUILDINGS, AND AT INTERVALS NOT TO EXCEED 300 FEET, WITH PREFERRED LOCATIONS BEING AT RADIUS POINTS OR ANGLE POINTS.

18-IN. CONCRETE CURB & GUTTER

NOT TO SCALE

NOTES:

- CONSTRUCT IN ACCORDANCE WITH WISDOT STANDARD SPECIFICATIONS.
- CONCRETE SHALL BE GRADE A AIR ENTRAINED IN ACCORDANCE WITH WISDOT SECTION 501.
- FINISH, CURE, AND PROTECT CURBING IN ACCORDANCE WITH WISDOT SECTION 601.
- FINISHED CONCRETE SHALL BE COVERED WITH A LIQUID CURING COMPOUND CONFORMING TO AASHTO M 148, TYPE 2, IN ACCORDANCE WITH WISDOT SECTION 415.
- AGGREGATE BASE COURSE SHALL BE IN ACCORDANCE WITH WISDOT SECTION 305.

Endpoint Solutions

6871 S. LOVERS LANE
FRANKLIN, WI 53132
PHONE: (414) 427-1200

CULVERS - REMODEL
CONSTRUCTION DETAILS

840 WEST SUNSET DRIVE
WAUKESHA, WISCONSIN

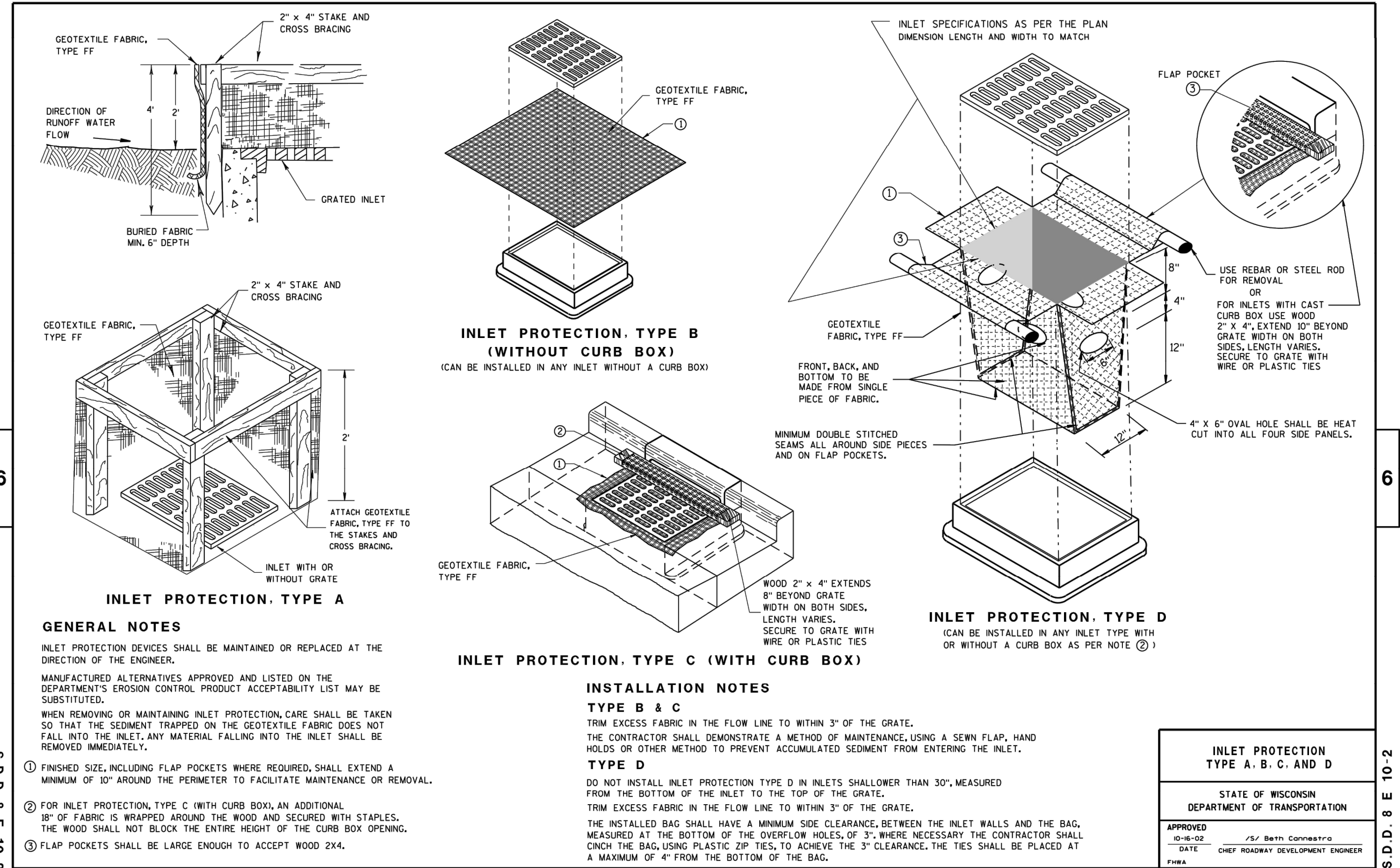
DRAWN BY: JAH/TJS DATE:
CHECKED BY: JAH 4/28/2025
APPROVED BY: JJJ

PROJECT NO.
1137-001

SHEET NO.

C6

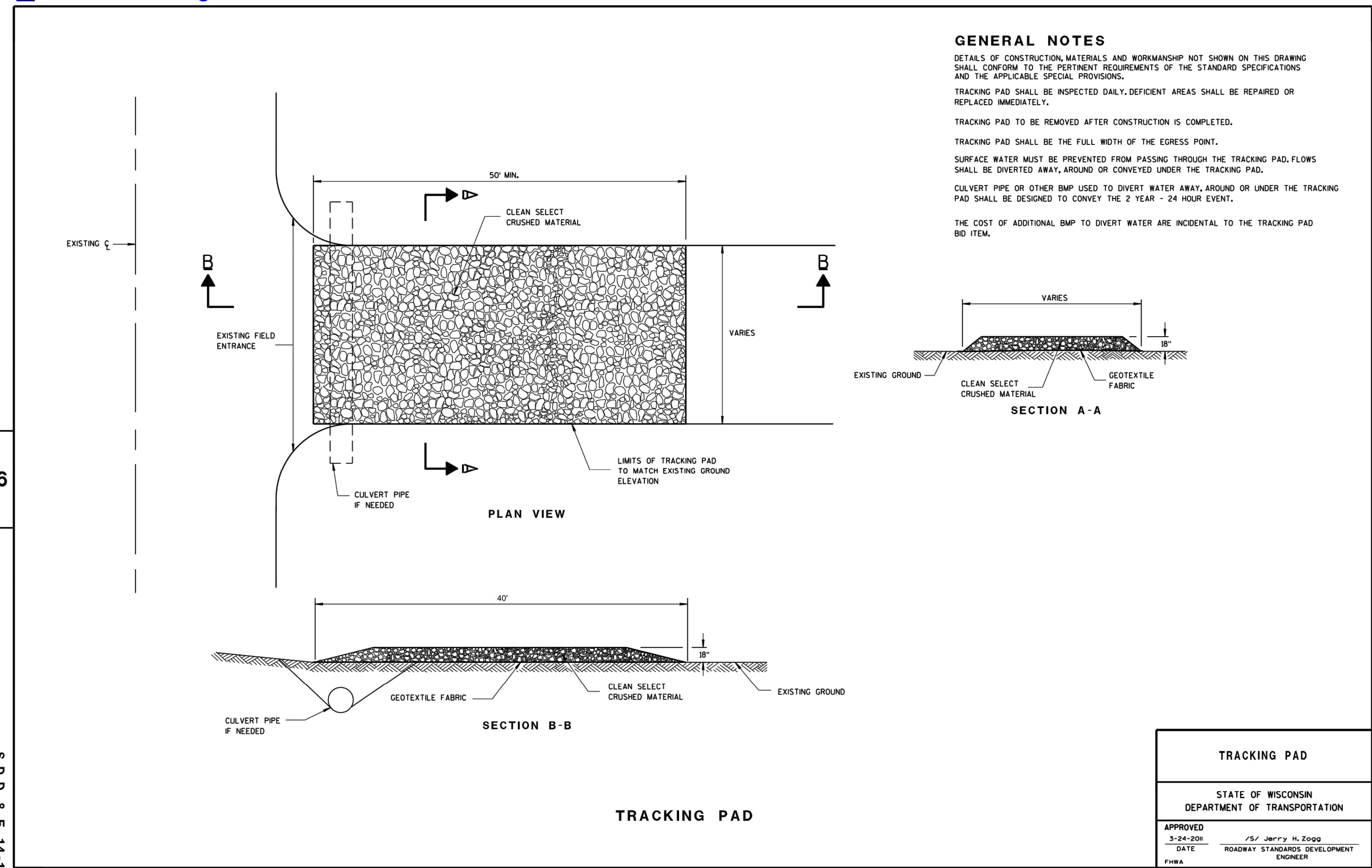
8E10: Inlet Protection Type A, B, C and D



INLET PROTECTION

NOT TO SCALE

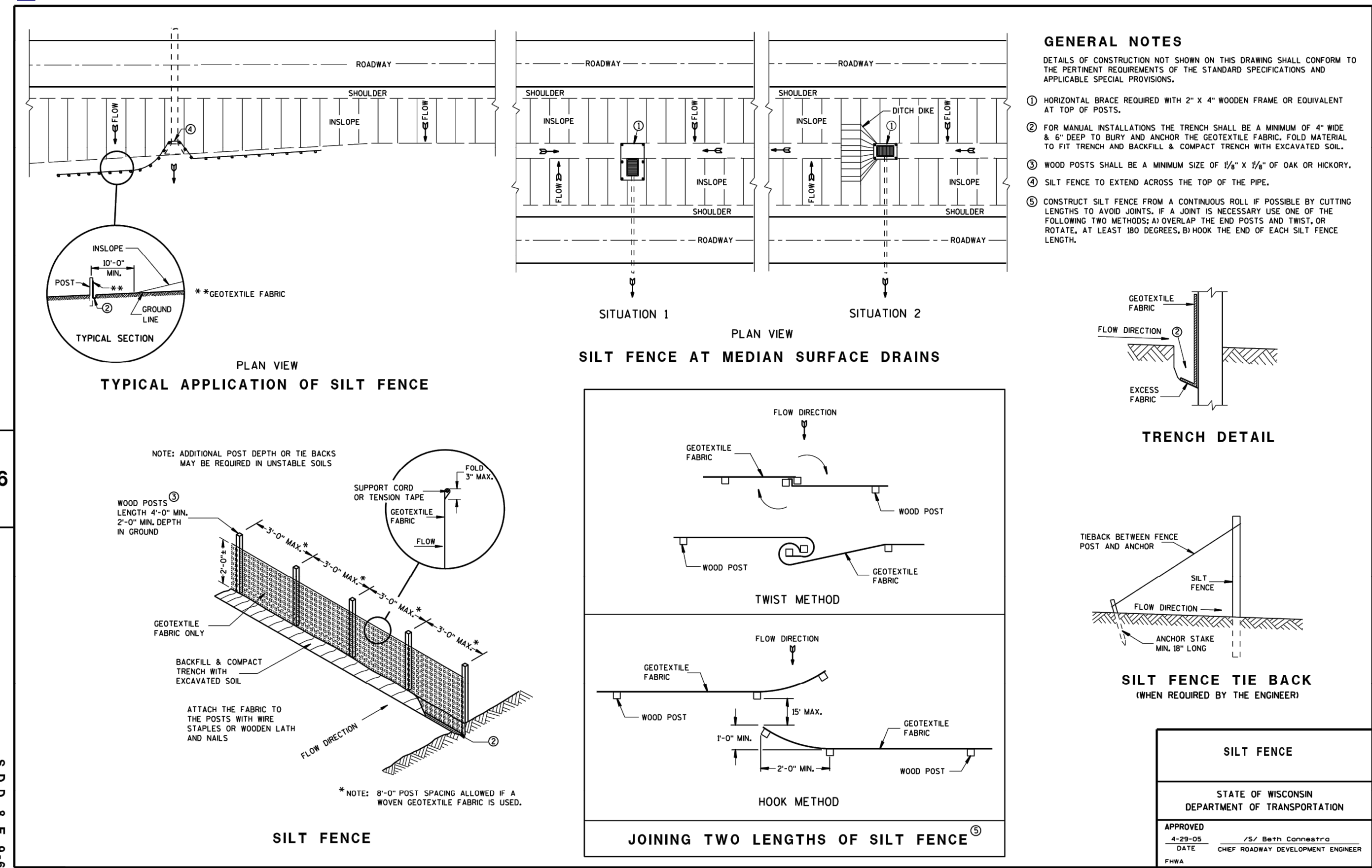
8E14: Tracking Pad



TRACKING PAD

NOT TO SCALE

8E9: Silt Fence



SILT FENCE

NOT TO SCALE

Endpoint Solutions

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CULVERS - REMODEL
EROSION CONTROL NOTES & DETAILS
840 WEST SUNSET DRIVE
WAUKESHA, WISCONSIN

DRAWN BY: JAH/TJS
CHECKED BY: JAH
APPROVED BY: JJJ

PROJECT NO.
1137-001

SHEET NO.

C7