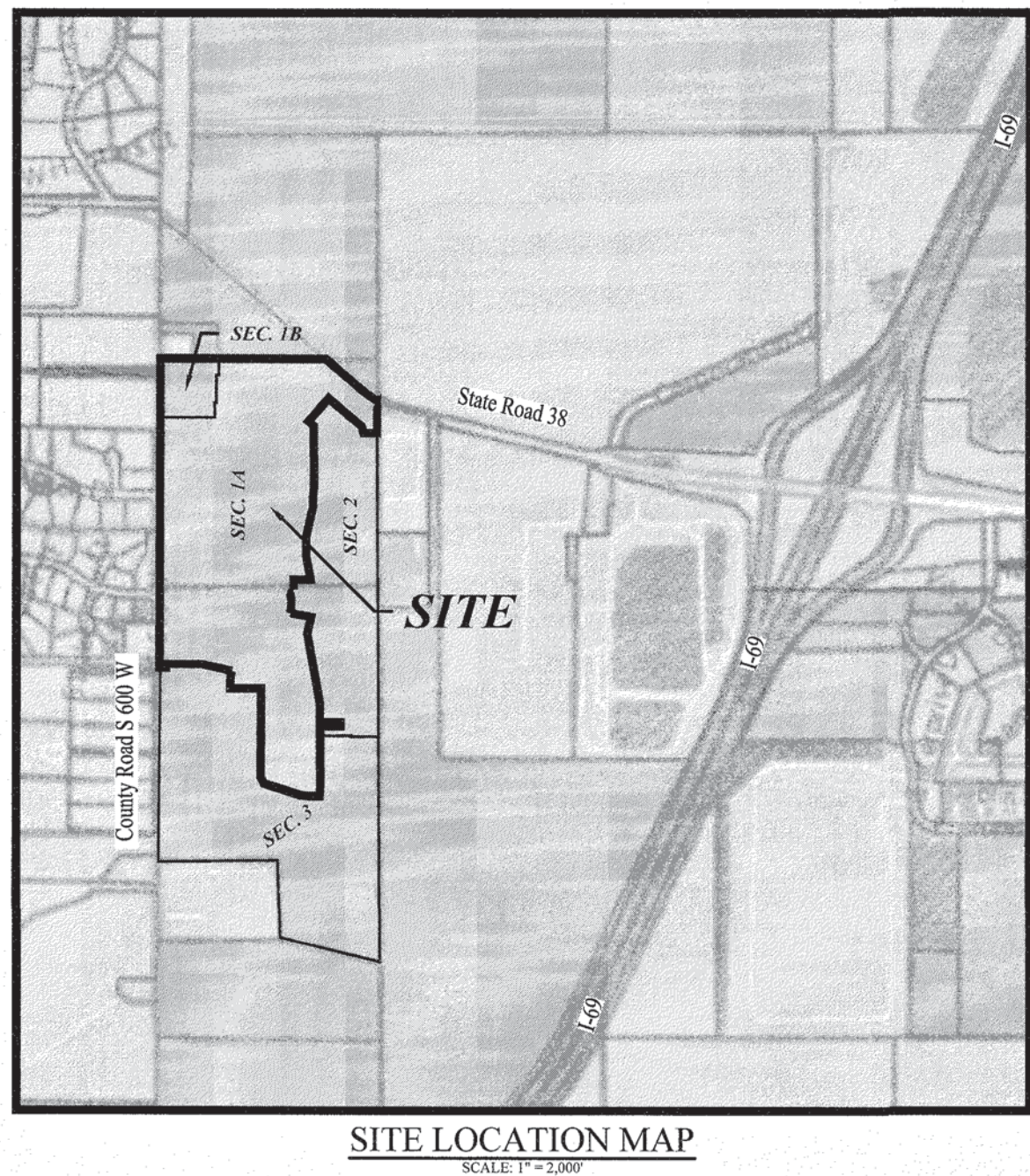


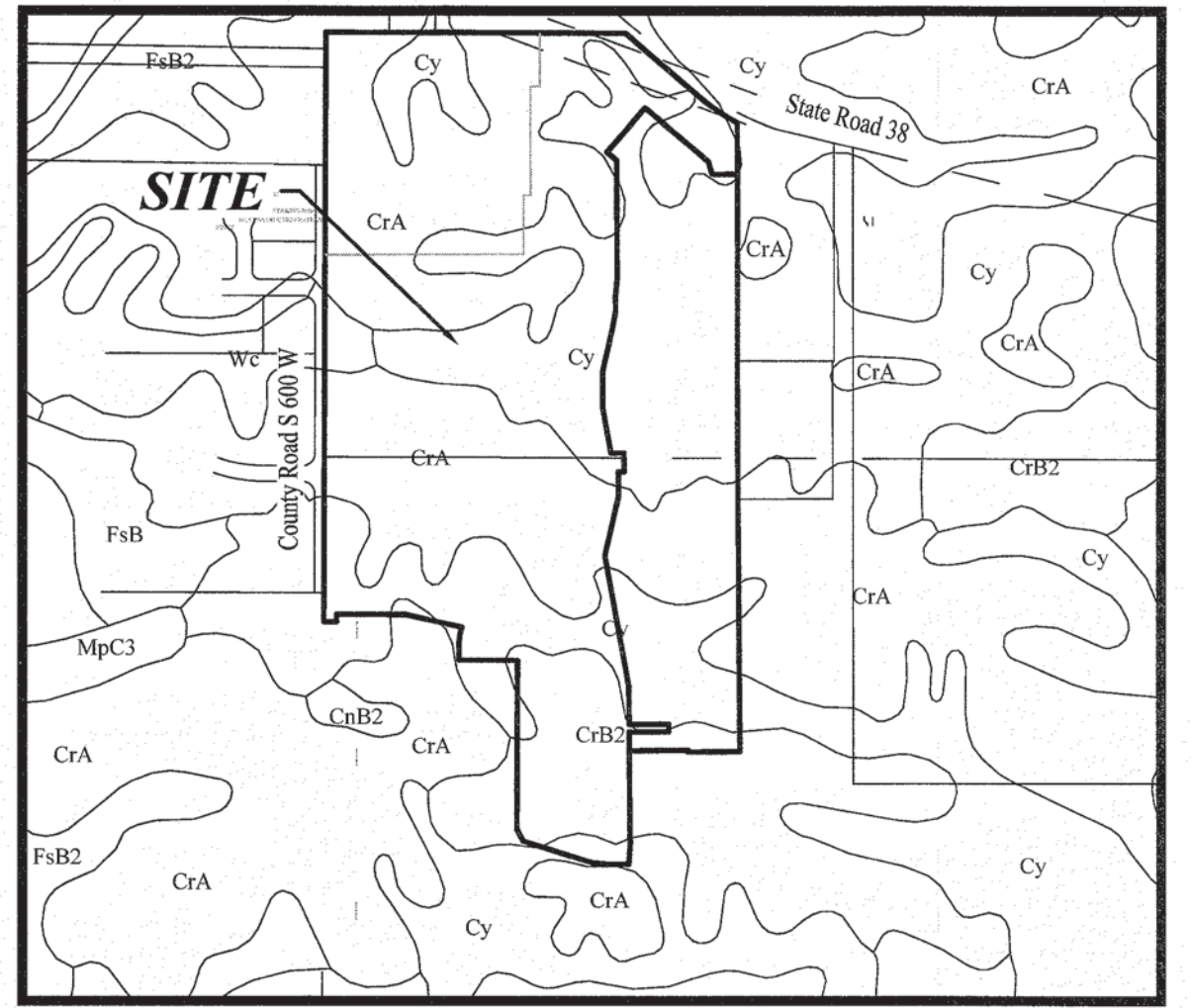
BAKER'S POINTE

Section 1A & 1B

Developed by:
D.R. HORTON - INDIANA, LLC
9210 North Meridian St.
Indianapolis, Indiana 46260
Phone: (317) 844-0433
Contact Person: Mark Bridwell



SITE LOCATION MAP
SCALE: 1" = 2,000'



SOILS MAP
SCALE: 1" = 600'

SOILS LEGEND

Map Unit: CrA - Crosby silt loam, 0 to 2 percent slopes

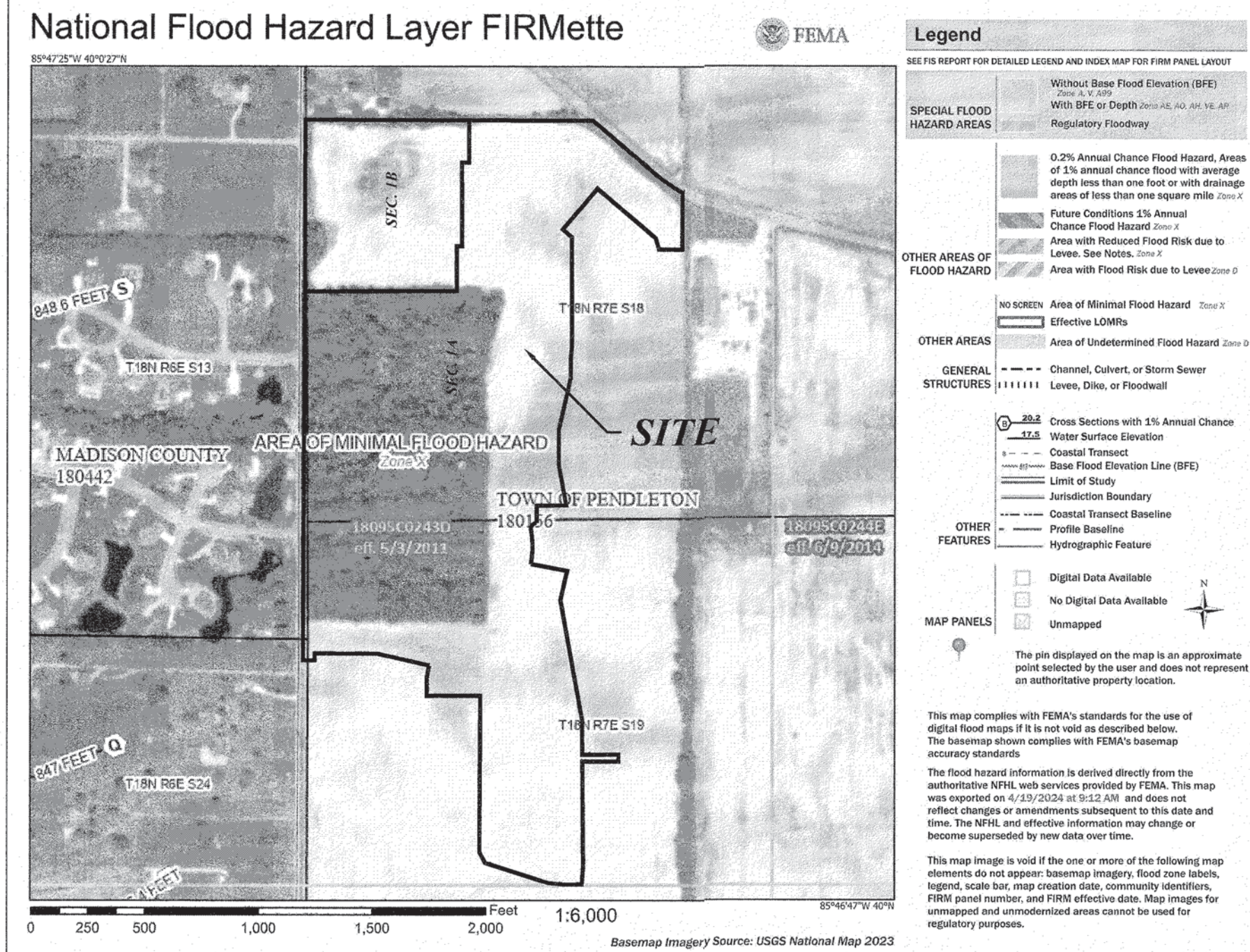
This is a somewhat poorly drained soil and has a seasonal high water table at 0.5 to 2.0 ft. and is on rises on uplands. Slopes are 0 to 2 percent. The native vegetation is hardwoods. The surface layer is silt loam and has moderately low or moderate organic matter content (1.0 to 3.0 percent). Permeability is very slow (< 0.06 in/hr) in the most restrictive layer above 60 inches. Available water capacity is moderate (6.2 inches in the upper 60 inches). The pH of the surface layer in non-flooded areas is 5.1 to 6.0. Droughtiness and wetness are management concerns for crop production. This soil responds well to tile drainage.

Map Unit: CrB2 - Crosby silt loam, 2 to 4 percent slopes, eroded

The Crosby, eroded component makes up 85 percent of the map unit. Slopes are 2 to 4 percent. This component is on Wisconsin ground moraines, till plains. The parent material consists of silty material or loess over loamy till. Depth to a root restrictive layer, dense material, is 24 to 40 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March. Organic matter content in the surface horizon is about 3 percent. This component is in the F111XA008IN Wet Till Ridge ecological site. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 35 percent.

Map Unit: Cy - Cyclone silt loam, 0 to 2 percent slopes

The Cyclone component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on till plains on till plains. The parent material consists of loess over loamy till. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 2 inches during January, February, December. Organic matter content in the surface horizon is about 5 percent. This component is in the F111XD008IN Till Depression Flatwood ecological site. Nonirrigated land capability classification is 2w. This soil meets hydric criteria.



INDEX	
SHT. NO.	DESCRIPTION
C001	COVER SHEET
C100 - C103	EXISTING CONDITIONS/DEMO PLAN
C200 - C208	SITE DEVELOPMENT PLAN EMERGENCY FLOOD ROUTE PLAN
C300 - C308	INITIAL STORM WATER POLLUTION & PREVENTION PLAN TEMPORARY STORM WATER POLLUTION & PREVENTION PLAN PERMANENT SEDIMENT & EROSION CONTROL PLAN STORM WATER POLLUTION & PREVENTION SPECIFICATIONS STORM WATER POLLUTION & PREVENTION DETAILS
C400 - C412	STREET PLAN & PROFILES INTERSECTION DETAILS ENTRANCE PLAN STRIPING PLAN MAINTENANCE OF TRAFFIC PLAN STREET SIGN PLAN S.R. 38 GRADING DETAILS S.R. 38 MAINTENANCE OF TRAFFIC PLAN/DETAILS
C500 - C508	SANITARY PLAN & PROFILE LIFT STATION DETAILS & SPECS
C600 - C606	STORM PLAN & PROFILES SUBSURFACE DRAIN PLAN
C700 - C702	WATER PLAN WATER DETAILS
C800 - C806	CONSTRUCTION DETAILS
C900	LANDSCAPE PLAN

REVISIONS			
SHT. NO.	DESCRIPTION	DATE	BY
ALL	UPDATED TO NEW DRAINAGE ORDINANCE	6/6/2024	KRG/GEM
ALL	REVISED PER REVIEW COMMENTS	7/9/2024	GEM
ALL	REVISED PER REVIEW COMMENTS	8/27/2024	GEM
ALL	REVISED HANDICAP RAMPS AT ENTRANCE TO S.R. 38/ADDED HYDRANT	9/25/2024	GEM
C700	ADDED FIRE HYDRANT	10/4/2024	GEM
C500,503	REVISED INVERTS ON SANITARY PIPES	10/17/2024	GEM
C505	REVISED FORCEMAIN TO BE ABOVE PIPES	11/19/2024	GEM
ALL	REVISED PER FUTURE C.R. W. 600 S. IMPROVEMENTS	2/26/2025	GEM
ALL	AS BUILT	9/9/2025	MJE

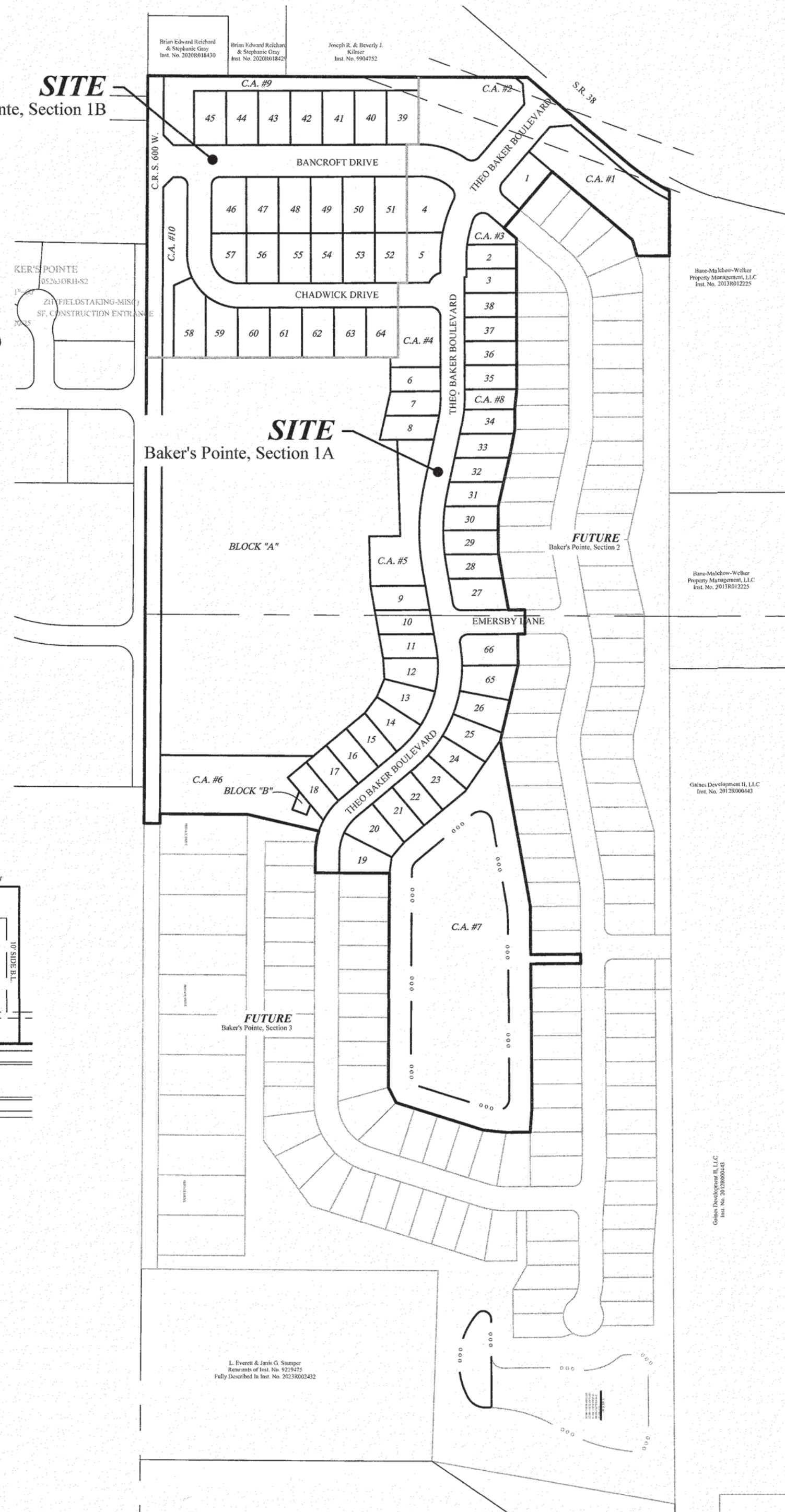
UTILITY CONTACTS

Centerpoint Energy
2001 Rev. JT Meniffee Street
Anderson, Indiana 46016
Contact:
Ph: (800) 227-1376

Pendleton Utility Office
(Water, Electric, Stormwater, & Trash)
100 West State Street
P.O. Box 230
Pendleton, Indiana 46064
Contact:
Ph: (765) 778-2173

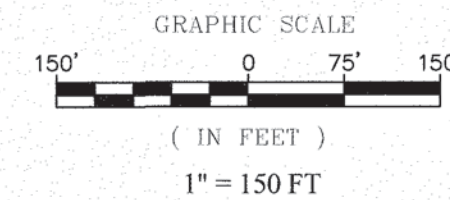
Fall Creek Regional Waste District
9378 South 650 West
Pendleton, Indiana 46064
Contact:
Ph: (765) 778-7544

AT&T
XXXX XXXXXXXXX
Pendleton, Indiana 46064
Contact:
Ph: (800) 288-2020



DESIGN DATA - SECTION 1

DESIGN SPEED LIMIT	25 M.P.H.
64 LOTS	
ACREAGE	46,413 AC. ±
DENSITY	1.38 LOTS/ACRE
THEO BAKER BOULEVARD	2,152.86 L.F.
BANCROFT DRIVE	957.96 L.F.
CHADWICK DRIVE	923.19 L.F.
EMERSBY LANE	202.00 L.F.
TOTAL	4,236.01 L.F.



RECORD DRAWING



Dennis D. Orlinhead
Professional Land Surveyor
No. 900012
9/16/2025

PLANS PREPARED BY:
STOEPPELWERTH & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
7965 E. 106TH STREET, FISHERS, INDIANA 46038
PHONE: (317)-849-5935
FAX: (317)-849-5942
CONTACT PERSON: KEITH R. GILSON
EMAIL: kgilson@stoepelwerth.com

PLANS CERTIFIED BY:

Brian M. Brown
Professional Engineer
05/06/24



S & A JOB No. 105263DRH-S1

Brian Edward Reichard
& Stephanie Gray
Inst. No. 2020R018430

Joseph R. & Beverly J.
Kilmer
Inst. No. 9504752

Dennis D. Olmstead
Professional Land Surveyor
No. 900012



RECORD DRAWING

SEE SHEET C202
MATCH LINE

SEE SHEET C202
MATCH LINE

FUTURE BAKER'S POINTE SECTION 2

	LAKE #1	LAKE #2
2	859.44	862.07
10	860.14	863.72
100	862.27	866.34

	OUTLET 2	OUTLET 4
Existing Acreage	33.13 ac.	28.88 ac.
Unit Discharges 10-yr/100-yr	0.3 / 0.5 cfs per acre	0.3 / 0.5 cfs per acre
Allowable Flow 10-yr/100-yr	9.94 / 16.57 cfs	8.66 / 14.44 cfs
Pre-Developed 2-yr Flow	4.51 cfs	4.50 cfs
Pre/Post 10-yr Flow	7.85 / 2.31 cfs	7.55 / 6.56 cfs
Pre/Post 100-yr Flow	13.25 / 5.40 cfs	12.37 / 10.08 cfs

BENCHMARK NOTE:

ORIGINATING BENCHMARK:

Benchmark Elevations for this project were derived using the National Geodetic Survey Online Positioning User Service (O.P.U.S) and are referenced to the NAVD '88 Datum.

SITE TBMS:

TBM 1: A spike set in the East face of a utility pole on the West side of County Road 600 West, approximately 190 feet North of the Barret Ditch culvert, 1.5 feet above grade.
ELEV=862.63 (NAVD 88)

TBM 2: A spike set in the East face of a utility pole on the West side of County Road 600 West, approximately 38 feet North of the driveway to house # 7011, approximately 1.0 foot above grade.
ELEV=866.05 (NAVD 88)

TBM 3: A spike set in the East face of a utility pole on the West side of County Road 600 West, approximately 270 feet South of the Northwest corner of the site, approximately 1.0 foot above grade.
ELEV=870.97 (NAVD 88)

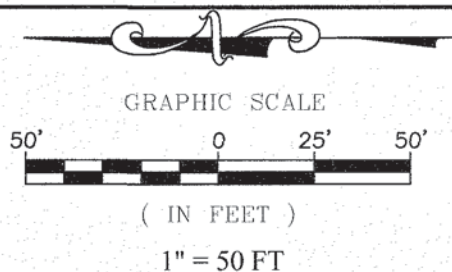
TBM 4: A cut "+" on top of the North bonnet bolt of the fire hydrant on the southerly side of State Road 38, near the Northeast corner of the site.
ELEV=874.12 (NAVD 88)

LEGEND

	EXISTING SANITARY SEWER
	EXISTING FORCE MAIN
	EXISTING STORM SEWER
	EXISTING WATER LINE
	EXISTING CONTOUR
	PROPOSED SANITARY SEWER (w/ LATERALS)
	PROPOSED STORM SEWER
	PROPOSED CONTOUR
	PROPOSED WATER LINE
	PROPOSED SWALE
	PROPOSED LAKE NORMAL POOL ELEVATION
	PROPOSED GRADE ELEVATION
	PROPOSED S' SIDEWALK (BY HOME BUILDER) (DEVELOPER SHALL INSTALL SIDEWALKS ALONG ALL COMMON AREAS)
	PROPOSED CURB w/ 6' UNDERDRAIN
	PROPOSED SUB-SURFACE DRAIN
	LOT NUMBER
	PAD GRADE
	MINIMUM FINISH FLOOR ELEVATION
	MINIMUM LOWEST ADJACENT GRADE
	MINIMUM LOWEST ADJACENT GRADE IS BASED OFF OF THE FOLLOWING CRITERIA: 1. 12" (1.0') ABOVE THE NEAREST UPSTREAM OR DOWNSTREAM SANITARY MANHOLE, WHICHEVER IS LOWEST. 2. 15" (1.3') ABOVE THE ROAD ELEVATION 3. 6" (0.5') ABOVE THE M.L.A.G.
	MINIMUM LOWEST ADJACENT GRADE (LAKE / FLOOD PROTECTION)
	BUILDING SETBACK LINE
	MATCH EXISTING
	HIGH POINT
	LOW POINT
	GRADE CHANGE

NOTES

- THIS SUBDIVISION MEETS A.D.A. REQUIREMENTS AND SUBDIVISION CODE STANDARDS.
- ALL OFF-SITE AND EXISTING DRAIN TILES SHALL BE TIED INTO THE PROPOSED STORM SYSTEM OF THIS SECTION (WHERE APPLICABLE).
- ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95% OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.
- CONTRACTOR SHALL VERIFY DEPTHS OF ALL EXISTING ONSITE UTILITIES PRIOR TO CONSTRUCTION TO CONTRIM THERE IS NOT ANY CONFLICTS WITH OTHER UTILITIES, STORM SEWERS OR STREETS. CONFLICTS AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.
- R.C.P., H.P., OR H.D.P.E. MAY BE USED FOR STORM SEWER. SEE FIGURE 4-2, ON SHEET C084 OF CONSTRUCTION DETAILS, FOR PIPE MATERIAL AND INSTALLATION DETAILS.
- CURBS TO BE STAMPED FOR WATER AND SANITARY SEWER SERVICE AND LATERAL CONNECTIONS.
- ALL PERIMETER PATHS AND COMMON AREA SIDEWALKS OR PATHS ARE TO BE CONSTRUCTED AS PART OF THE SITE INFRASTRUCTURE.
- ALL STORM INLETS CASTINGS NEED TO BE MARKED WITH "NO DUMPING/FLOWS TO STREAM".
- NO DRIVEWAYS SHALL OVERLAP ANY STORM STRUCTURES INCLUDING DRIVE TAPERS.



SITE DEVELOPMENT PLAN

BAKER'S POINTE SECTIONS 1A & AB

STOEPPELWERTH

ALWAYS ON

7945 East 104th Street, Fishers, IN 46038-2505
phone: 317.849.5925 fax: 317.849.5942

THIS DRAWING IS NOT INTENDED TO BE
REPRESENTED AS A RETRACEMENT OR
ORIGINAL BOUNDARY SURVEY. A ROUTE
REPORT OR A SURVEY FOR LOCATION
REPORT

BRIAN MILLER
REGISTERED
No. PE11200386
STATE OF
INDIANA
PROFESSIONAL ENGINEER
CREATED: 05/06/24

DATE	REVISIONS	BY
09/09/25	AS BUILTS - MODEL PADS	MJE
02/26/24	REVISED PER FUTURE C.R. W. 600 S. IMPROVEMENTS	GEM
08/25/24	REVISED HANDBOOK RAMP AT ENTRANCE TO SR. WADEDALE	GEM
08/27/24	REVISED PER REVIEW COMMENTS	GEM
07/09/24	REVISED PER REVIEW COMMENTS	GEM
06/06/24	UPDATED TO NEW DRAINAGE ORDINANCE	KJGM

DRAWN BY: KJGM/GEM

CHECKED BY: KRG

SHEET NO.

C200

S&B JOB NO.
105263DRH-S1

RECORD DRAWING

FUTURE BAKER'S POINTE SECTION 2

Dennis D. Olmstead
Professional Land Surveyor
No. 900012

9/16/2025



FUTURE BAKER'S POINTE SECTION 3

DATE	BY	REVISIONS
09/09/25	AS BUILT - MODEL PADS	
02/26/25	REVISED PER FUTURE C.R. W. 600 S. IMPROVEMENTS	
09/25/24	REVISED HANICAM PUMP AT ENTRANCE TO S.R. BRADLEY PL	
08/27/24	REVISED PER REVIEW COMMENTS	
07/09/24	REVISED PER REVIEW COMMENTS	
06/06/24	UPDATED TO NEW DRAINAGE ORDINANCE	

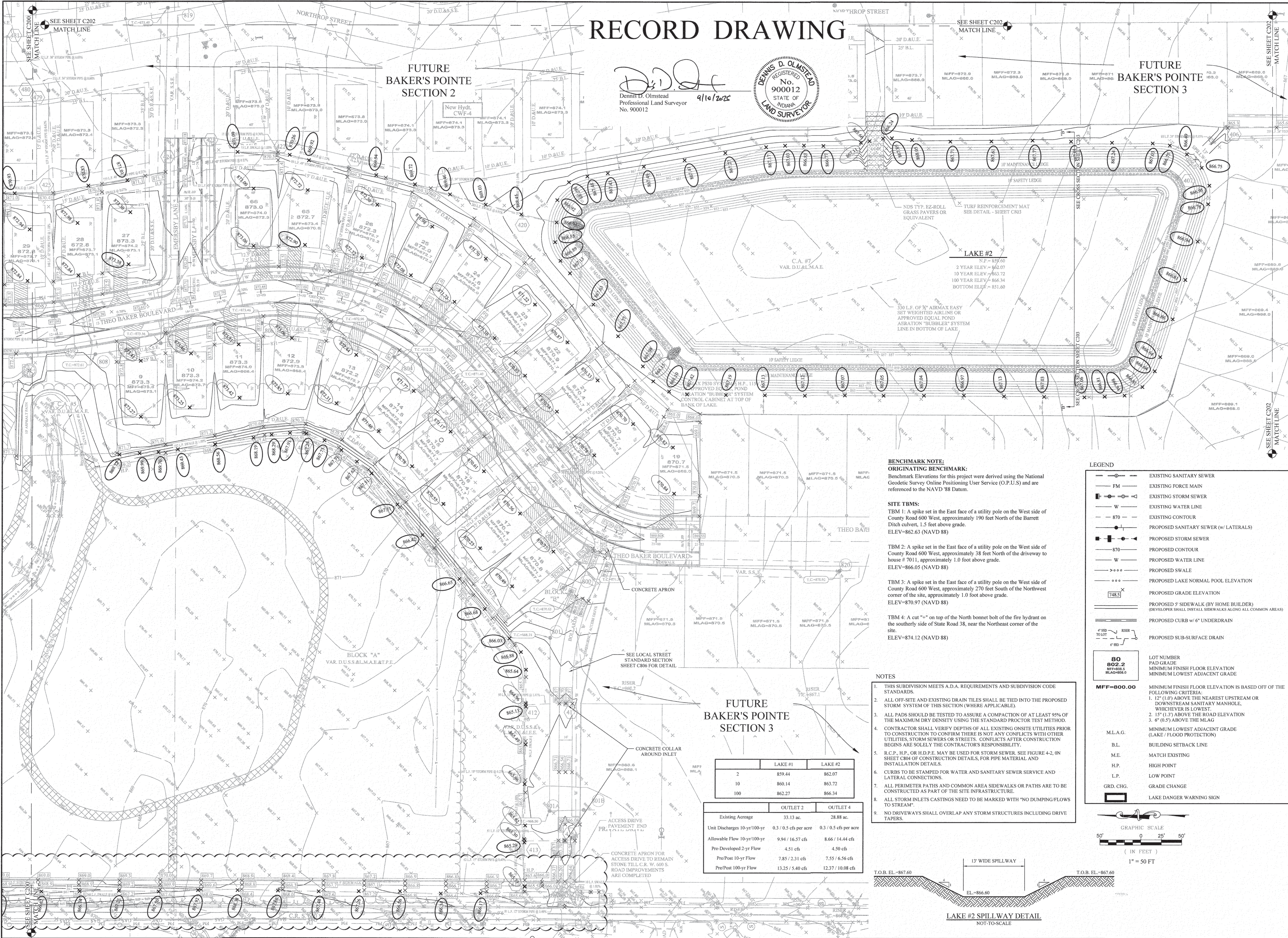


THIS DRAWING IS NOT INTENDED TO BE
REPRESENTED AS A RETURN FOR
ORIGINAL BOUNDARY SURVEY A ROUTE
SURVEY OR A SURVEYOR LOCATION
REPORT.
CERTIFIED: 05/06/24

STOEPPELWERTH
ALWAYS ON
7905 East 10th Street, Fishers, IN 46038-2505
phone: 317.849.5925 fax: 317.849.5942

SITE DEVELOPMENT PLAN
BAKER'S POINTE
SECTIONS 1A & AB
MADISON COUNTY, INDIANA
PENDLETON, FALL CREEK TOWNSHIP

DRAWN BY: KJ/M/GEM
CHECKED BY: KRG
SHEET NO.
C201
S & A FORM NO.
105263DRH-S1



BENCHMARK NOTE:
ORIGINATING BENCHMARK:
Benchmark Elevations for this project were derived using the National Geodetic Survey Online Positioning User Service (O.P.U.S.) and are referenced to the NAVD '88 Datum.

SITE TBMS:
TBM 1: A spike set in the East face of a utility pole on the West side of County Road 600 West, approximately 190 feet North of the Barrett Ditch culvert, 1.5 feet above grade.
ELEV=862.63 (NAVD 88)

TBM 2: A spike set in the East face of a utility pole on the West side of County Road 600 West, approximately 38 feet North of the driveway to house # 7011, approximately 1.0 foot above grade.
ELEV=866.05 (NAVD 88)

TBM 3: A spike set in the East face of a utility pole on the West side of County Road 600 West, approximately 270 feet South of the Northwest corner of the site, approximately 1.0 foot above grade.
ELEV=870.97 (NAVD 88)

TBM 4: A cut "4" on top of the North bonnet bolt of the fire hydrant on the southerly side of State Road 38, near the Northeast corner of the site.
ELEV=874.12 (NAVD 88)

NOTES

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- ALL STORM INLETS CASTINGS NEED TO BE MARKED WITH "NO DUMPING/FLOWS TO STREAM".
- NO DRIVEWAYS SHALL OVERLAP ANY STORM STRUCTURES INCLUDING DRIVE TAPERS.

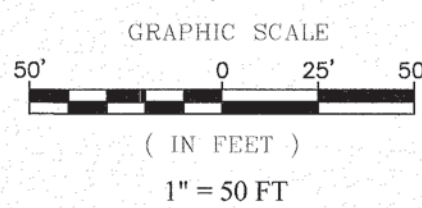
FUTURE BAKER'S POINTE SECTION 3

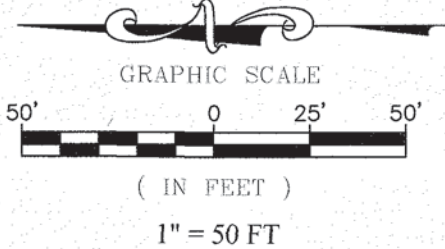
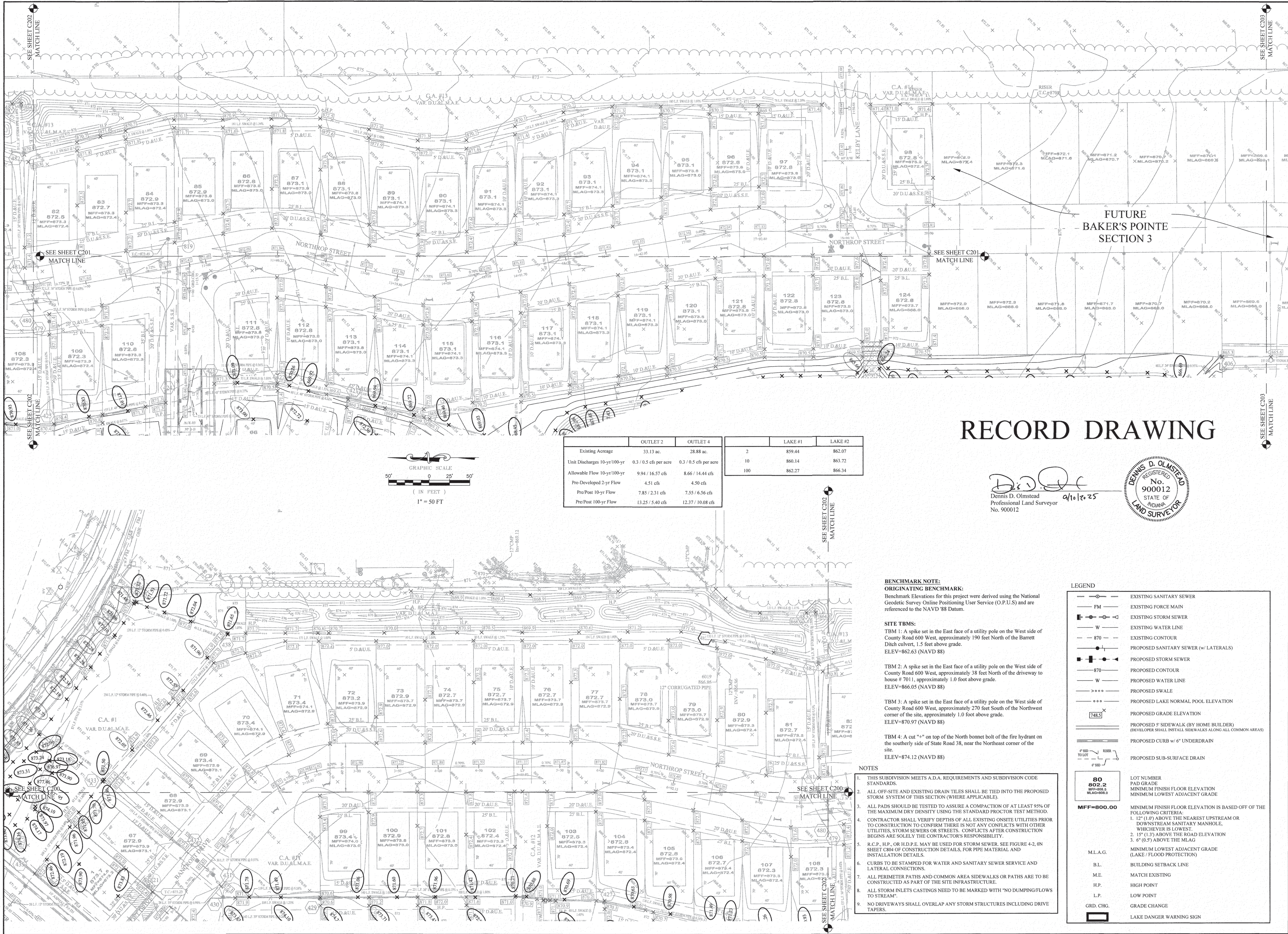
	LAKE #1	LAKE #2
2	859.44	862.07
10	860.14	863.72
100	862.27	866.34

	OUTLET 2	OUTLET 4
Existing Acreage	33.13 ac.	28.88 ac.
Unit Discharges 10-yr/100-yr	0.3 / 0.5 cfs per acre	0.3 / 0.5 cfs per acre
Allowable Flow 10-yr/100-yr	9.94 / 16.57 cfs	8.66 / 14.44 cfs
Pre-Developed 2-yr Flow	4.51 cfs	4.50 cfs
Pre/Post 10-yr Flow	7.85 / 2.31 cfs	7.55 / 6.56 cfs
Pre/Post 100-yr Flow	13.25 / 5.40 cfs	12.37 / 10.08 cfs

LEGEND

- EXISTING SANITARY SEWER
- FM
- EXISTING FORCE MAIN
- EXISTING STORM SEWER
- W
- EXISTING WATER LINE
- 870 -
- EXISTING CONTOUR
- PROPOSED SANITARY SEWER (w/ LATERALS)
- PROPOSED STORM SEWER
- 870
- PROPOSED CONTOUR
- W
- PROPOSED WATER LINE
- PROPOSED SWALE
- PROPOSED LAKE NORMAL POOL ELEVATION
- PROPOSED GRADE ELEVATION
- PROPOSED 5' SIDEWALK (BY HOME BUILDER)
(DEVELOPER SHALL INSTALL SIDEWALKS ALONG ALL COMMON AREAS)
- PROPOSED CURB w/ 6" UNDERDRAIN
- PROPOSED SUB-SURFACE DRAIN
- LOT NUMBER
- PAD GRADE
- MINIMUM FINISH FLOOR ELEVATION
- MINIMUM LOWEST ADJACENT GRADE
- MINIMUM FINISH FLOOR ELEVATION IS BASED OFF OF THE FOLLOWING CRITERIA:
1. 12" (1'0") ABOVE THE NEAREST UPSTREAM OR DOWNSTREAM SANITARY MANHOLE, WHICHEVER IS LOWEST.
2. 12" (1'0") ABOVE THE ROAD ELEVATION
3. 6" (0'5") ABOVE THE MLAG
- MINIMUM LOWEST ADJACENT GRADE (LAKE / FLOOD PROTECTION)
- BUILDING SETBACK LINE
- M.E.
- MATCH EXISTING
- H.P.
- HIGH POINT
- L.P.
- LOW POINT
- GRD. CHG.
- GRADE CHANGE
- LAKE DANGER WARNING SIGN





	OUTLET 2	OUTLET 4
Existing Acreage	33.13 ac.	28.88 ac.
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2	859.44	862.07
10	860.14	863.72
100	862.27	866.34

RECORD DRAWING

Deimis D. Olmstead
Professional Land Surveyor
No. 900012
9/10/25



BENCHMARK NOTE:
ORIGINATING BENCHMARK:
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ELEV=870.97 (NAVD 88)

TBM 4: A cut "x" on top of the North bonnet bolt of the fire hydrant on the southerly side of State Road 38, near the Northeast corner of the site.
ELEV=874.12 (NAVD 88)

NOTES

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- NO DRIVEWAYS SHALL OVERLAP ANY STORM STRUCTURES INCLUDING DRIVE TAPERS.

LEGEND

—○—	EXISTING SANITARY SEWER
—FM—	EXISTING FORCE MAIN
—S—	EXISTING STORM SEWER
—W—	EXISTING WATER LINE
—870—	EXISTING CONTOUR
—●—	PROPOSED SANITARY SEWER (w/ LATERALS)
—S—	PROPOSED STORM SEWER
—870—	PROPOSED CONTOUR
—W—	PROPOSED WATER LINE
—>—	PROPOSED SWALE
—ooo—	PROPOSED LAKE NORMAL POOL ELEVATION
—748.3—	PROPOSED GRADE ELEVATION
—	PROPOSED 5' SIDEWALK (BY HOME BUILDER) (DEVELOPER SHALL INSTALL SIDEWALKS ALONG ALL COMMON AREAS)
—	PROPOSED CURB w/ 6" UNDERDRAIN
—	PROPOSED SUB-SURFACE DRAIN
80 802.2 MFF=800.5 MLAG=808.0	LOT NUMBER PAD GRADE MINIMUM FINISH FLOOR ELEVATION MINIMUM LOWEST ADJACENT GRADE
MFF=800.00	MINIMUM FINISH FLOOR ELEVATION IS BASED OFF OF THE FOLLOWING CRITERIA: 1. 12" (1.0') ABOVE THE NEAREST UPSTREAM OR DOWNSTREAM SANITARY MANHOLE, WHICHEVER IS LOWEST. 2. 15" (1.3') ABOVE THE ROAD ELEVATION 3. 6" (0.5') ABOVE THE MLAG
M.L.A.G.	MINIMUM LOWEST ADJACENT GRADE (LAKE / FLOOD PROTECTION)
B.L.	BUILDING SETBACK LINE
M.E.	MATCH EXISTING
H.P.	HIGH POINT
L.P.	LOW POINT
GRD. CHG.	GRADE CHANGE
—	LAKE DANGER WARNING SIGN

OFFSITE GRADING

BAKER'S POINTE
SECTIONS 1A & AB

PENDLETON, FALL CREEK TOWNSHIP

MADISON COUNTY, INDIANA

STOEPPELWERTH

ALWAYS ON

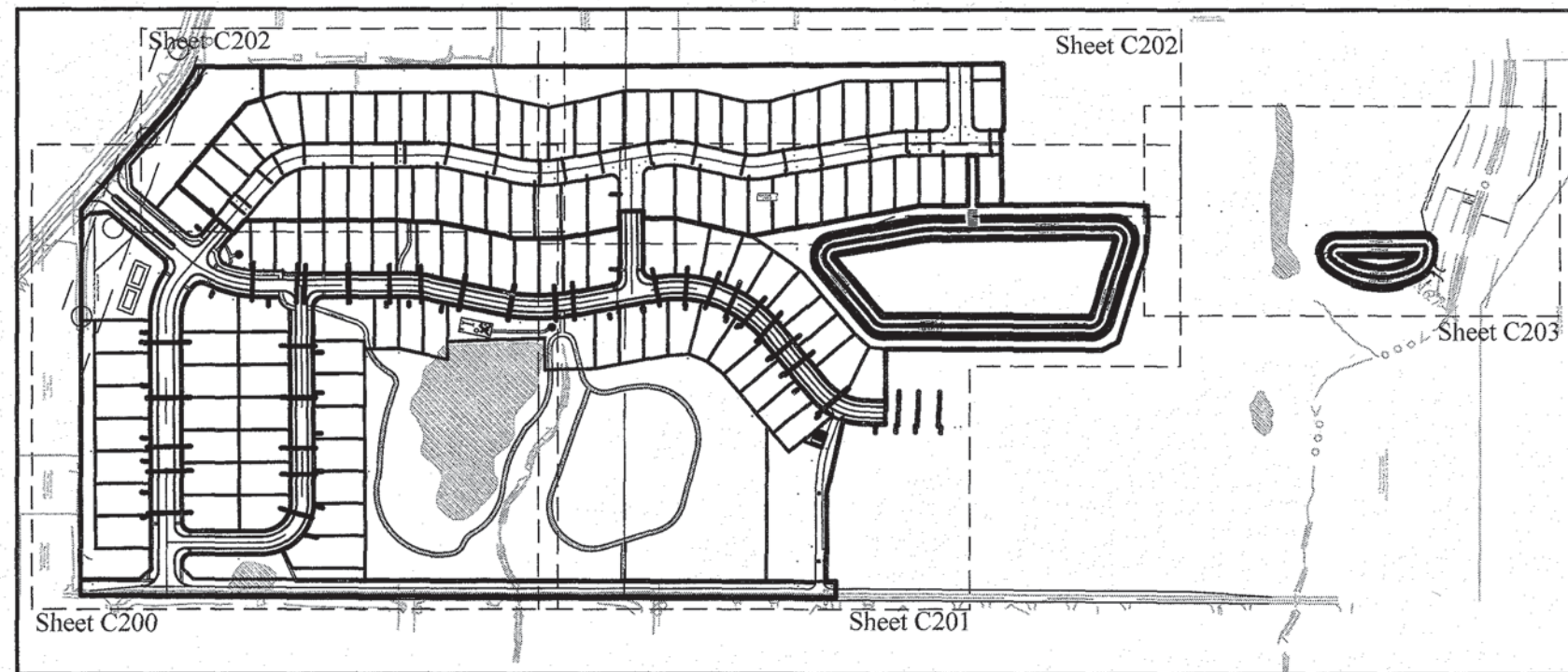
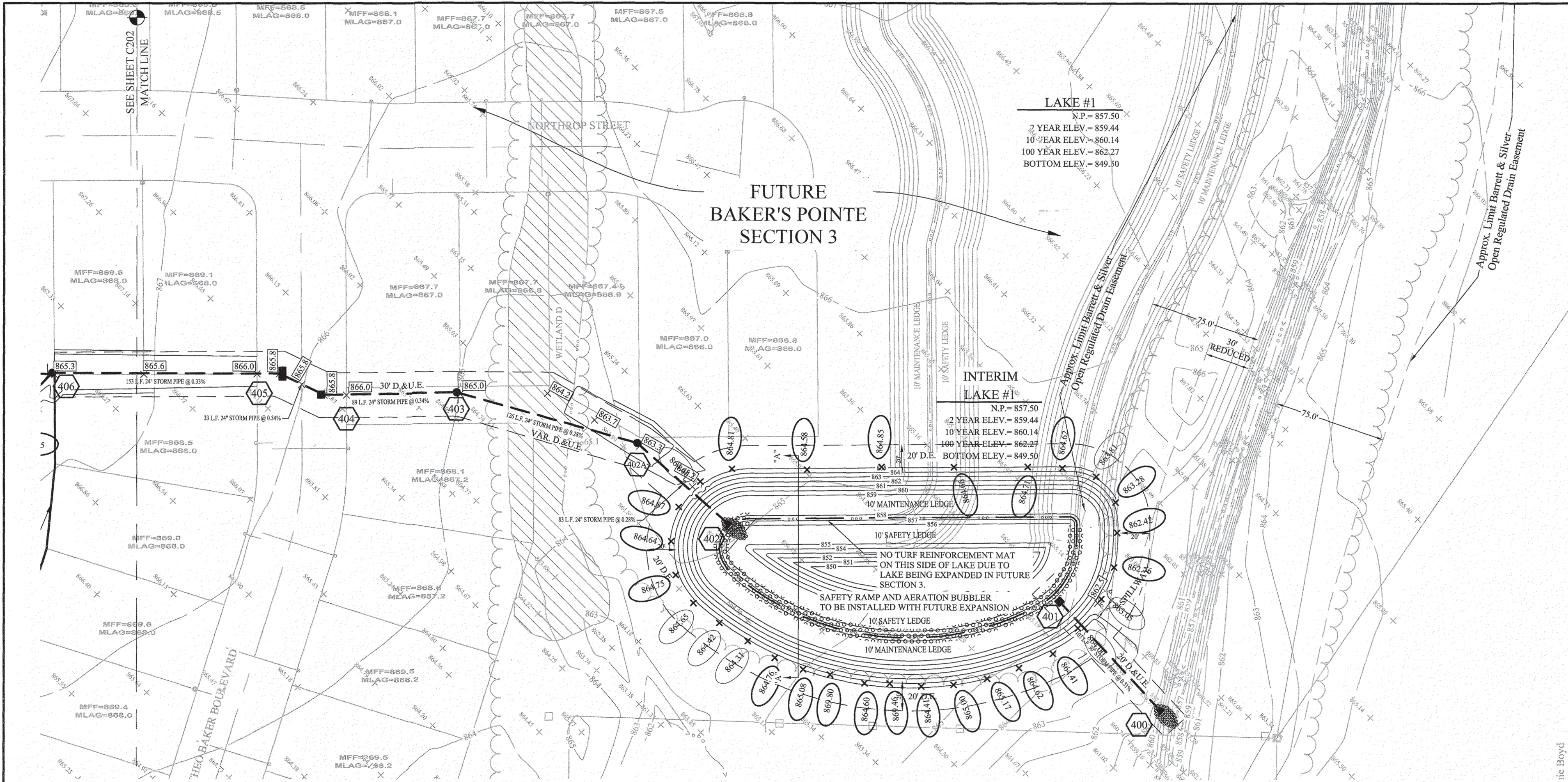
7945 East 100th Street, Fishers, IN 46038-2505
phone: 317.845.5925 fax: 317.845.5942

THIS DRAWING IS NOT INTENDED TO BE
REPRESENTED AS A REPRESENTATION OF
THE SURVEY OR A SURVEYOR'S LOCATION
REPORT.

CERTIFIED: 05/06/24

AS BUILT - MODEL PADS	REVISIONS
09/09/25	01/26/25
02/26/25	09/25/24
08/27/24	07/09/24
06/06/24	
DATE	MARK
BY	

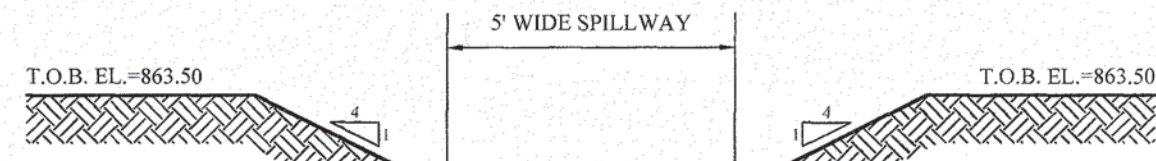
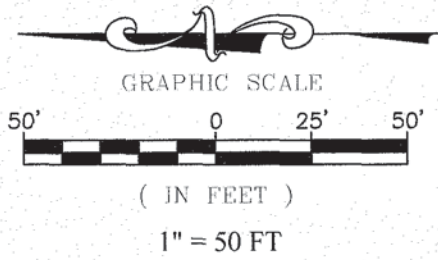
REGISTERED
No. PE11200386
STATE OF
INDIANA
PROFESSIONAL ENGINEER



KEY MAP
NOT TO SCALE

	LAKE #1	LAKE #2
2	\$59.44	\$62.078
10	\$60.14	\$63.72
100	\$62.27	\$66.34

	OUTLET 2	OUTLET 4
Existing Acreage	33.13 ac.	28.88 ac.
Unit Discharges 10-yr/100-yr	0.3 / 0.5 cfs per acre	0.3 / 0.5 cfs per acre
Allowable Flow 10-yr/100-yr	9.94 / 16.57 cfs	8.66 / 14.44 cfs
Pre-Developed 2-yr Flow	4.51 cfs	4.50 cfs
Pre-Post 10-yr Flow	7.85 / 2.31 cfs	7.55 / 6.56 cfs
Pre-Post 100-yr Flow	13.25 / 5.40 cfs	12.37 / 10.08 cfs



LAKE #1 SPILLWAY DETAIL
NOT-TO-SCALE

BENCHMARK NOTE:
ORIGINATING BENCHMARK:
Benchmark Elevations for this project were derived using the National Geodetic Survey Online Positioning User Service (O.P.U.S.) and are referenced to the NAVD '88 Datum.

SITE TBMS:
TBM 1: A spike set in the East face of a utility pole on the West side of County Road 600 West, approximately 190 feet North of the Barrett Ditch culvert, 1.5 feet above grade.
ELEV=862.63 (NAVD 88)

TBM 2: A spike set in the East face of a utility pole on the West side of County Road 600 West, approximately 38 feet North of the driveway to house # 7011, approximately 1.0 foot above grade.
ELEV=866.05 (NAVD 88)

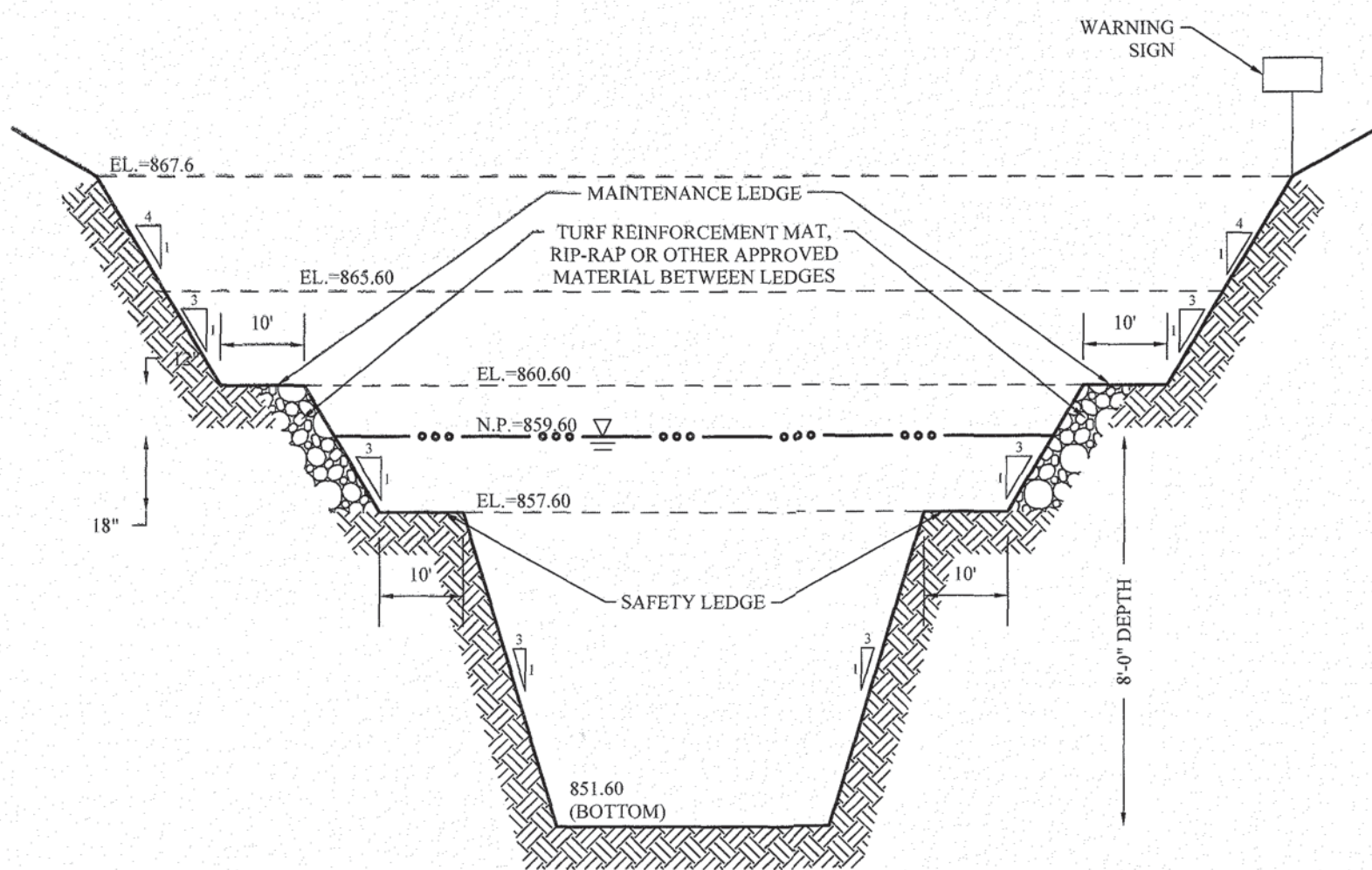
TBM 3: A spike set in the East face of a utility pole on the West side of County Road 600 West, approximately 270 feet South of the Northwest corner of the site, approximately 1.0 foot above grade.
ELEV=870.97 (NAVD 88)

TBM 4: A spike set on top of the North bonnet bolt of the fire hydrant on the southerly side of State Road 38, near the Northeast corner of the site.
ELEV=874.12 (NAVD 88)

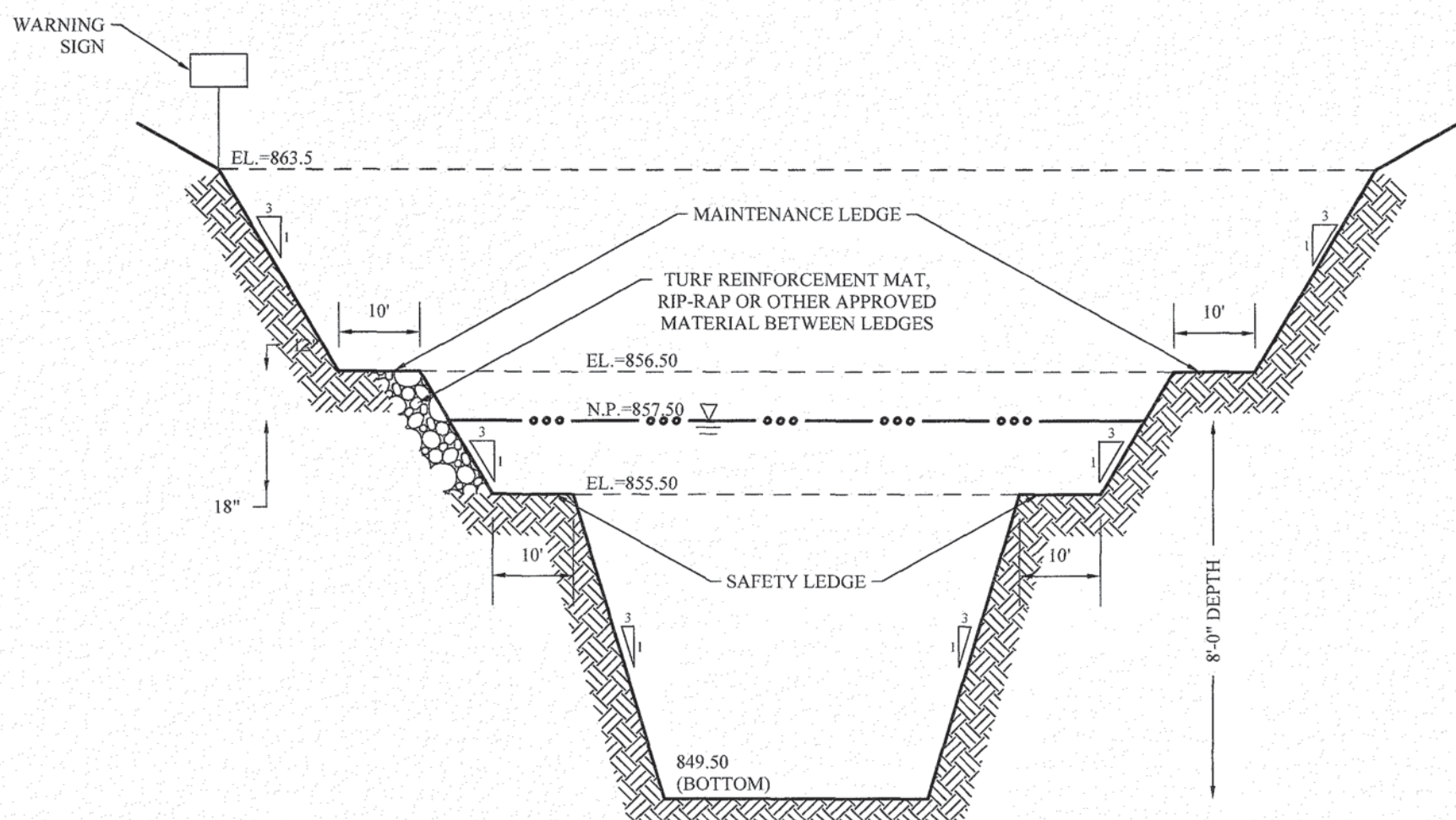
NOTES

- THIS SUBDIVISION MEETS A.D.A. REQUIREMENTS AND SUBDIVISION CODE STANDARDS.
- ALL OFF-SITE AND EXISTING DRAIN TILES SHALL BE TIED INTO THE PROPOSED STORM SYSTEM OF THIS SECTION (WHERE APPLICABLE).
- ALL PADS SHOULD BE TESTED TO ASSURE A COMPACTION OF AT LEAST 95% OF THE MAXIMUM DRY DENSITY USING THE STANDARD PROCTOR TEST METHOD.
- CONTRACTOR SHALL VERIFY DEPTHS OF ALL EXISTING ONSITE UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM THERE IS NOT ANY CONFLICTS WITH OTHER UTILITIES, STORM SEWERS OR STREETS. CONFLICTS AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.
- R.C.P., H.P., OR H.D.P.E. MAY BE USED FOR STORM SEWER. SEE FIGURE 4-2, ON SHEET C304 OF CONSTRUCTION DETAILS, FOR PIPE MATERIAL AND INSTALLATION DETAILS.
- CURBS TO BE STAMPED FOR WATER AND SANITARY SEWER SERVICE AND LATERAL CONNECTIONS.
- ALL PERIMETER PATHS AND COMMON AREA SIDEWALKS OR PATHS ARE TO BE CONSTRUCTED AS PART OF THE SITE INFRASTRUCTURE.
- ALL STORM INLETS CASTINGS NEED TO BE MARKED WITH "NO DUMPING/FLOWS TO STREAM".
- NO DRIVEWAYS SHALL OVERLAP ANY STORM STRUCTURES INCLUDING DRIVE TAPERS.

LEGEND	
	EXISTING SANITARY SEWER
	EXISTING FORCE MAIN
	EXISTING STORM SEWER
	EXISTING WATER LINE
	EXISTING CONTOUR
	PROPOSED SANITARY SEWER (w/ LATERALS)
	PROPOSED STORM SEWER
	PROPOSED CONTOUR
	PROPOSED WATER LINE
	PROPOSED SWALE
	PROPOSED LAKE NORMAL POOL ELEVATION
	PROPOSED GRADE ELEVATION
	PROPOSED 5' SIDEWALK (BY HOME BUILDER) (DEVELOPER SHALL INSTALL SIDEWALKS ALONG ALL COMMON AREAS)
	PROPOSED CURB w/ 6' UNDERDRAIN
	PROPOSED SUB-SURFACE DRAIN
	LOT NUMBER
	PAD GRADE
	MINIMUM FINISH FLOOR ELEVATION
	MINIMUM LOWEST ADJACENT GRADE
	MINIMUM LOWEST ADJACENT GRADE (LAKE / FLOOD PROTECTION)
	M.L.A.G.
	B.L.
	M.E.
	H.P.
	L.P.
	GRD. CHG.
	LAKE DANGER WARNING SIGN



LAKE #2 CROSS SECTION ("B-B")
NOT-TO-SCALE



INTERIM LAKE #1 CROSS
SECTION ("A-A")
NOT-TO-SCALE

RECORD DRAWING

Drawn By: D.D.O.
Dennis D. Olmstead
Professional Land Surveyor
No. 900012
9/10/2025

Checked By: K.R.G.
KRM/GEM
SHEET NO.
C203
S.A.S. 308 NO.
105263DRH-S1

THIS DRAWING IS NOT INTENDED TO BE USED FOR ANY OTHER PROJECT OR ORIGINAL BOUNDARY SURVEY ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.

09/09/25
02/26/25
09/25/24
08/27/24
07/09/24
06/06/24

AS BUILT
REVISED PER FUTURE C.R. W. 600 S. IMPROVEMENTS
REVISED PER REVIEW COMMENTS
REVISED PER REVIEW COMMENTS
REVISED PER REVIEW COMMENTS
REVISED PER REVIEW COMMENTS
REVISED PER REVIEW COMMENTS

DATE
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MARK
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BY
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BY

STOEPPELWERTH

ALWAYS ON

7965 East 10th Street, Fishers, IN 46038-2505
phone: 317.849.2955 fax: 317.849.5942

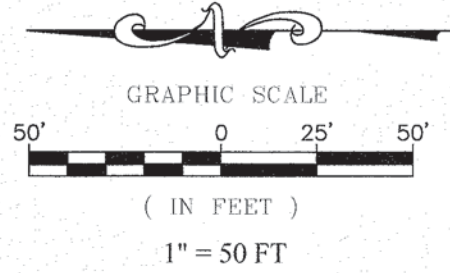
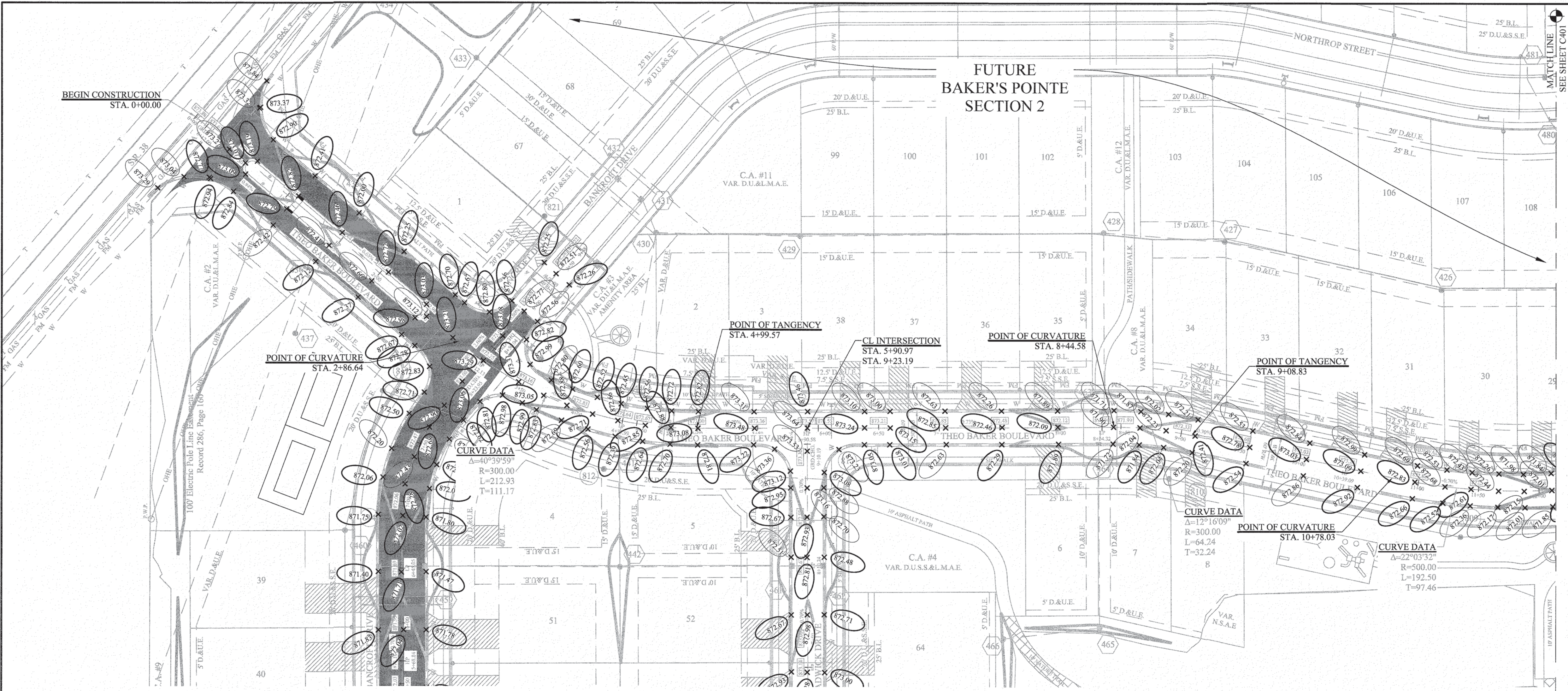
OFFSITE GRADING

BAKER'S POINTE
SECTIONS 1A & 1B

PENDLETON, FALL CREEK TOWNSHIP
MADISON COUNTY, INDIANA

REGISTERED
No.
900012
STATE OF
INDIANA
LAND SURVEYOR

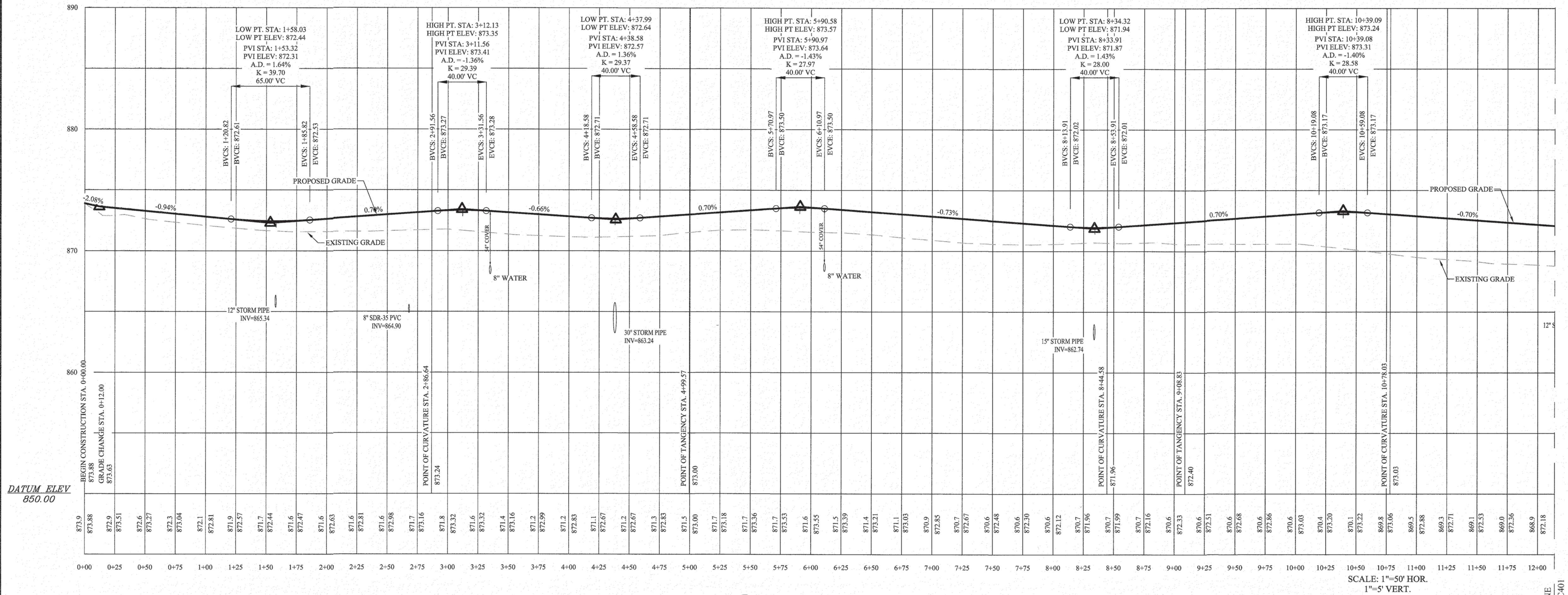
C203



LEGEND

- BVCS BEGIN VERTICAL CURVE STATION
- BVCE BEGIN VERTICAL CURVE ELEVATION
- EVCS END VERTICAL CURVE STATION
- EVCE END VERTICAL CURVE ELEVATION
- AD GRADE CHANGE
- PVI POINT OF VERTICAL INTERSECTION
- VC VERTICAL CURVE

DENOTES LOCAL COLLECTOR PAVEMENT CROSS SECTION



THEO BAKER BOULEVARD

RECORD DRAWING



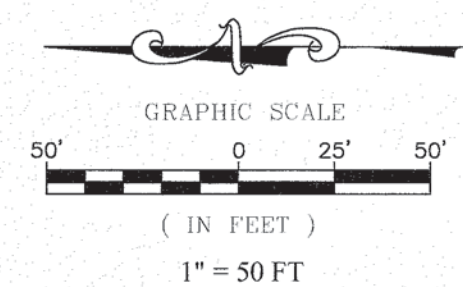
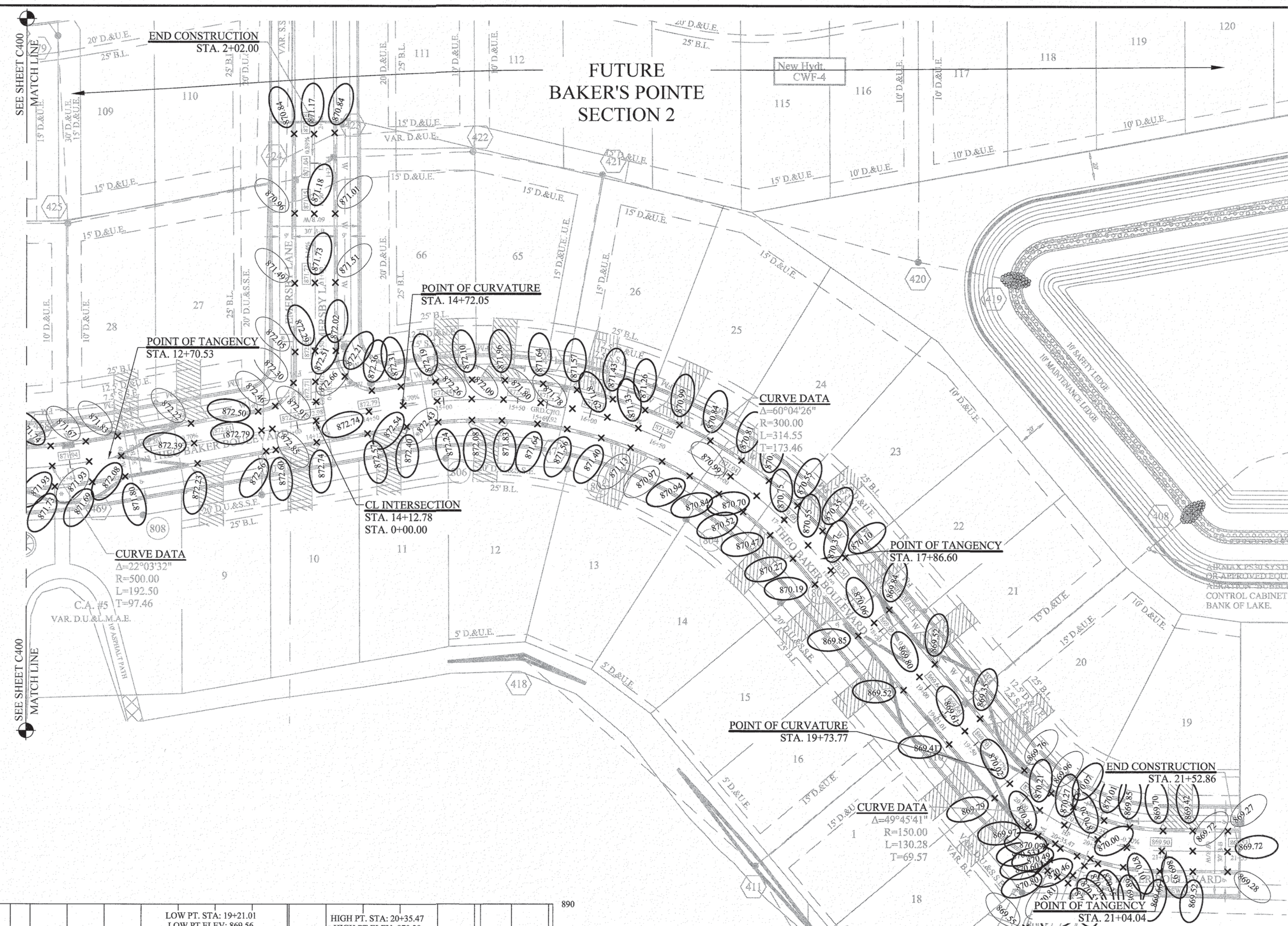
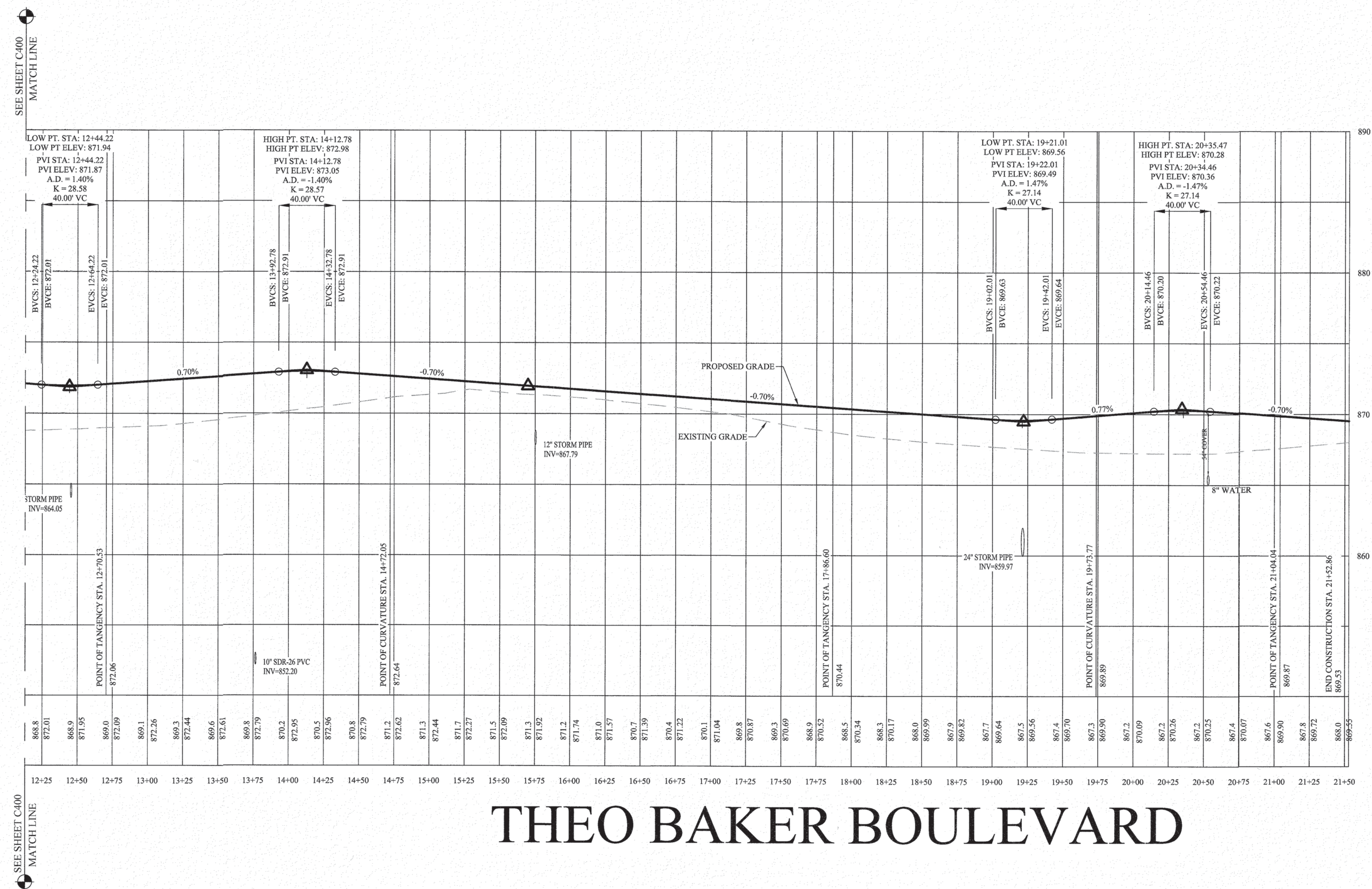
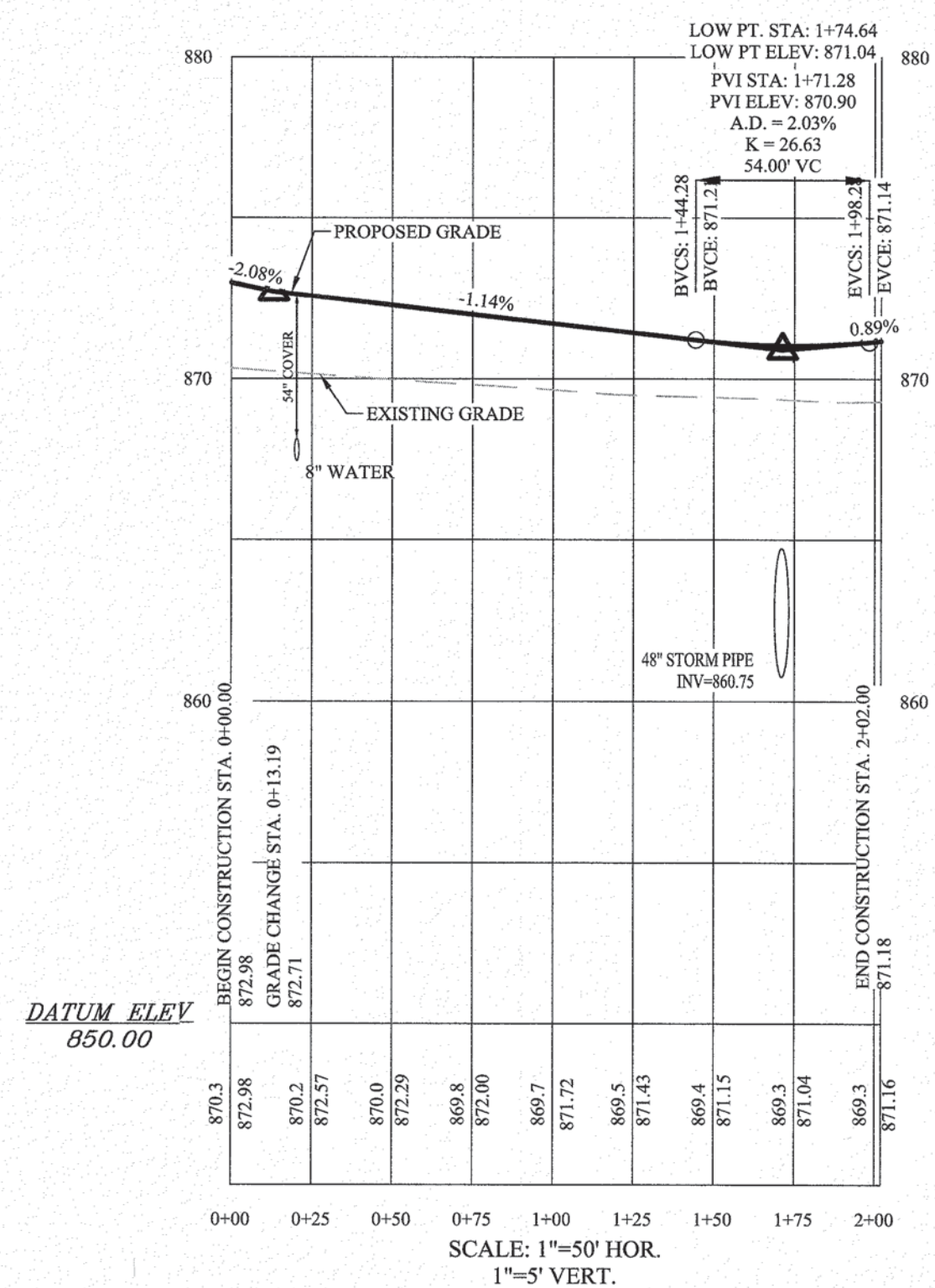
Dennis D. Olmstead
Professional Land Surveyor
No. 900012
9/6/2025

AS BUILT	REVISIONS	DATE	MARK
09/09/25			
02/26/25			
09/25/24			
08/27/24			
07/09/24			
06/06/24			

STOEPPELWERTH
ALWAYS ON
7905 East 108th Street, Fishers, IN 46038-2505
phone: 317.849.5925 fax: 317.849.5942

STREET PLAN & PROFILES
BAKER'S POINTE
SECTIONS 1A & AB
MADISON COUNTY, INDIANA
PENDLETON FALL CREEK TOWNSHIP

DRAWN BY: KJM/GEM
CHECKED BY: KRG
SHEET NO. C400
S & A JOB NO. 105263DRH-S1



RECORD DRAWING

Dennis D. Olmstead
Professional Land Surveyor
No. 900012



STREET PLAN & PROFILES

BAKER'S POINTE
SECTIONS 1A & AB

PENDLETON, FALL CREEK TOWNSHIP
MADISON COUNTY, INDIANA

STOEPPELWERTH

ALWAYS ON

7965 East 106th Street, Fishers, IN 46038-2505
phone: 317.849.5935 fax: 317.849.5942

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY OR A SURVEYOR LOCATION

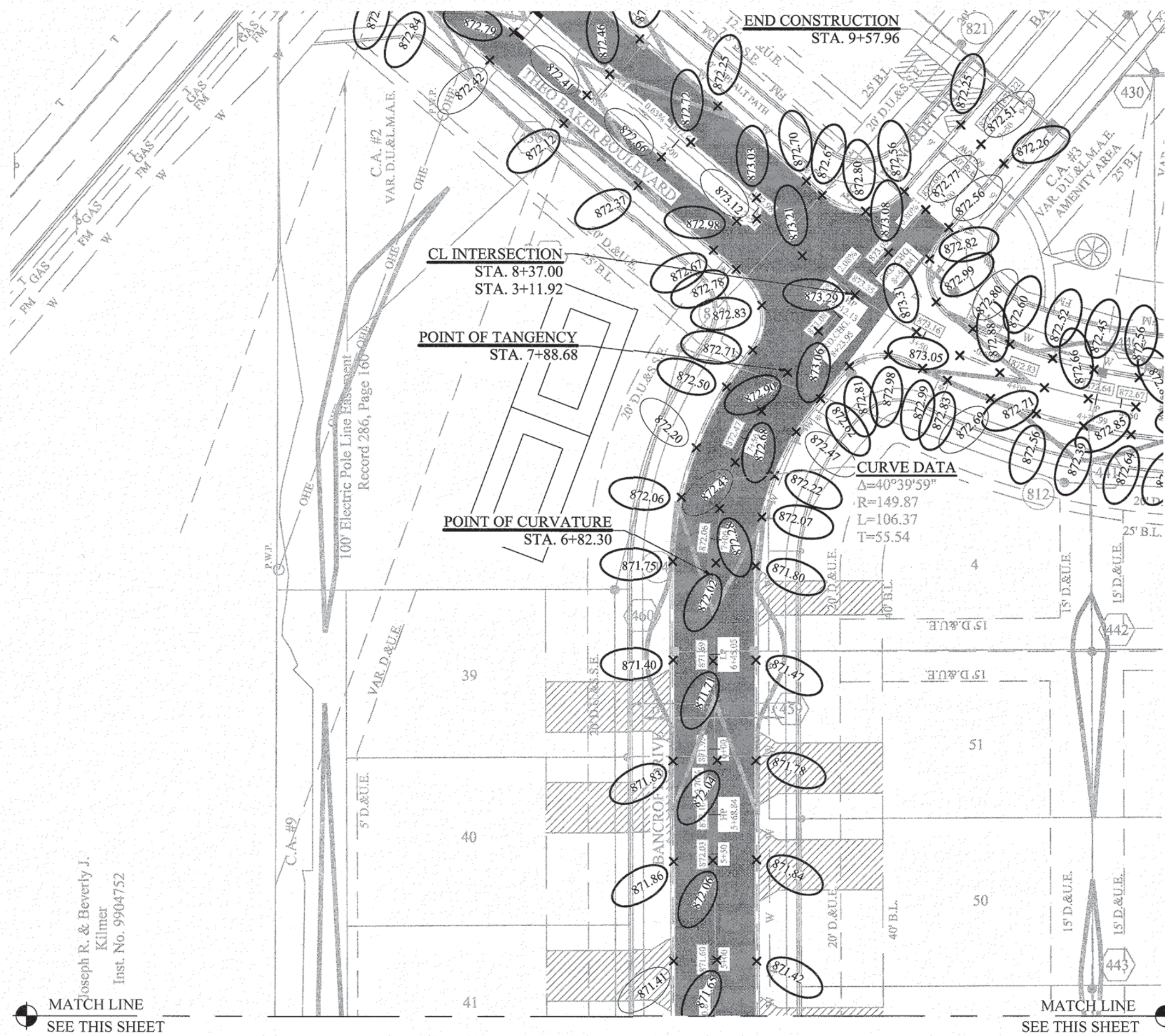
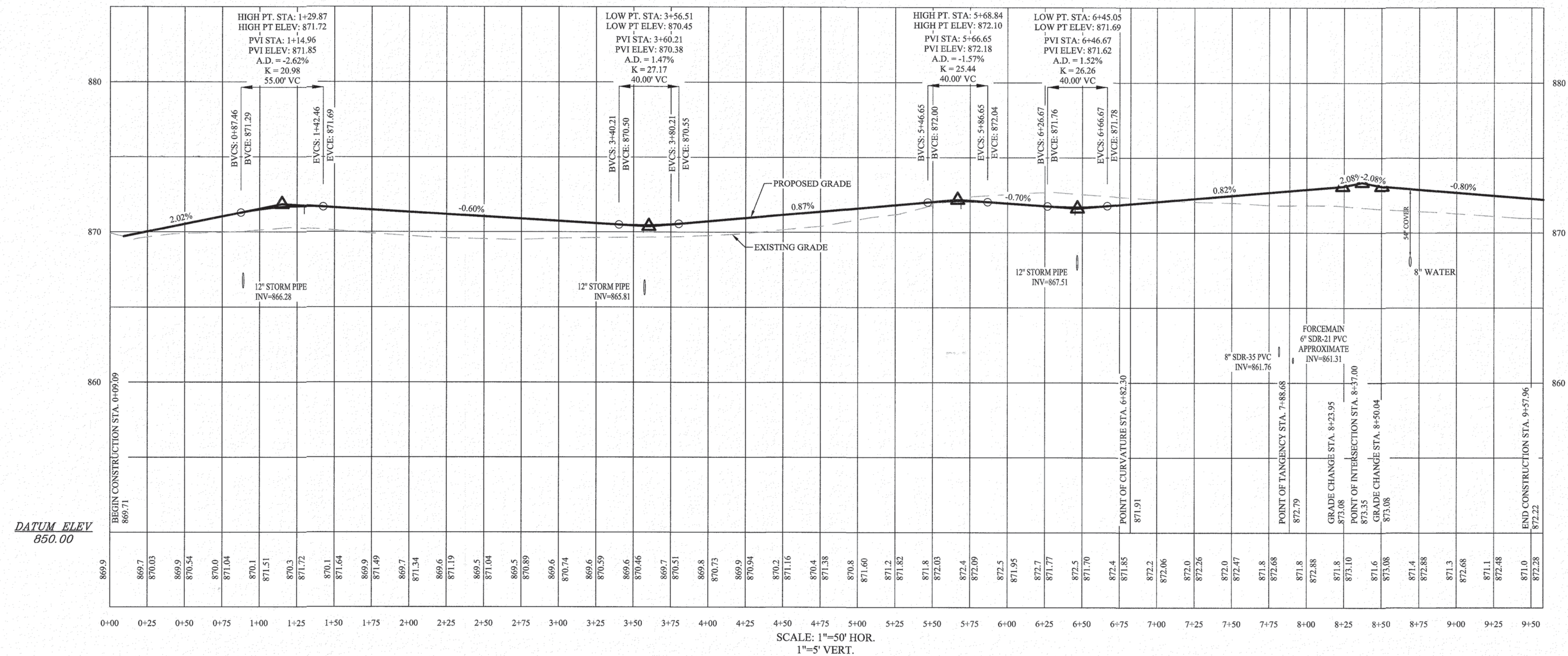
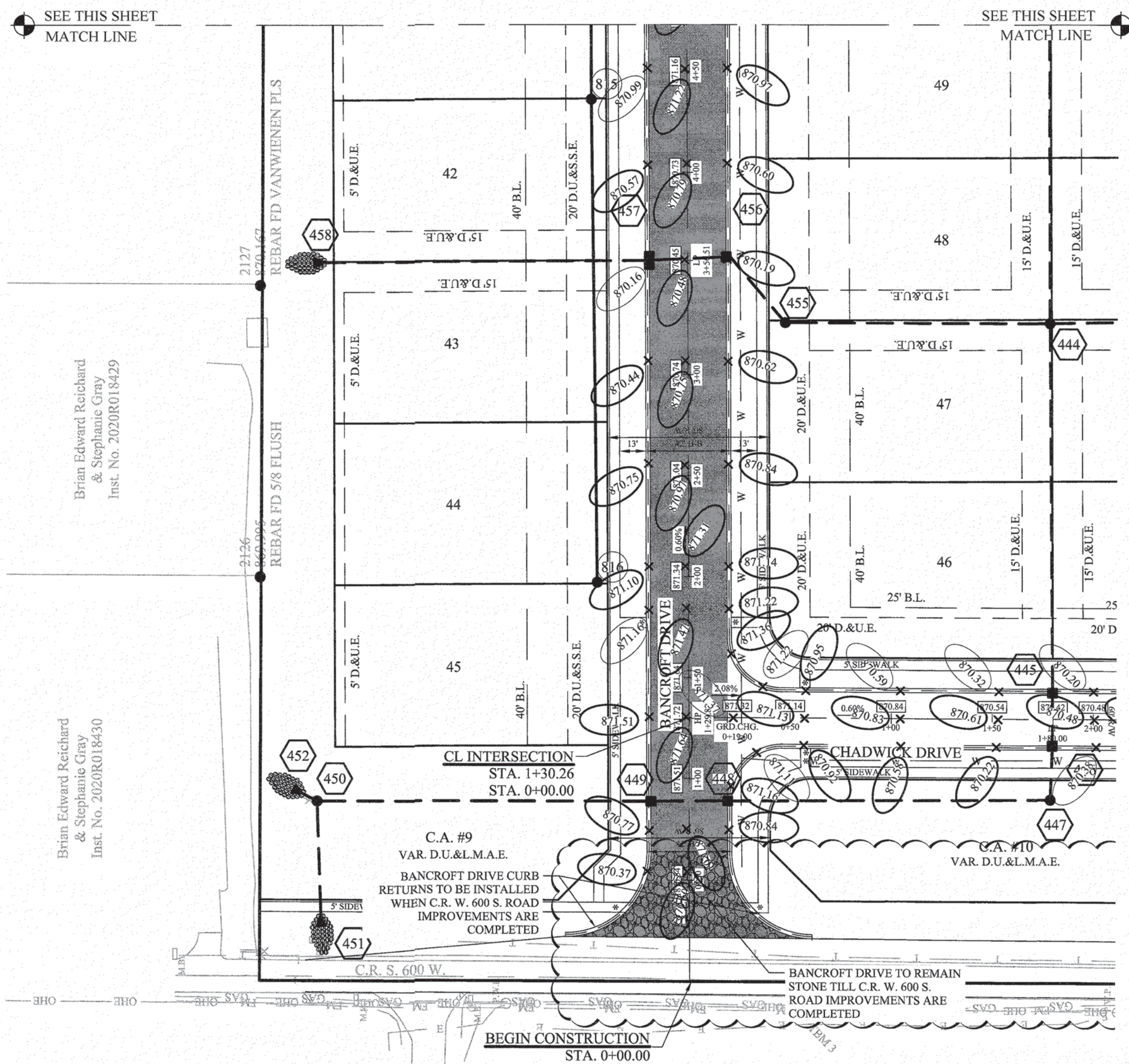
CERTIFIED: 05/06/24

DATE	MARK
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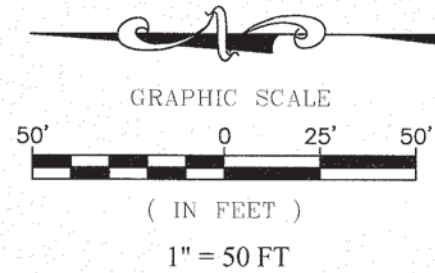
REVISÉ PER REVIEW COMMENT
UPDATED TO NEW DRAINAGE ON

	GEM
ANCE	KRG/GEM

File Name:
Modified / By:
Plotted / By:



BVCS	BEGIN VERTICAL CURVE STATION
BVCE	BEGIN VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EVCE	END VERTICAL CURVE ELEVATION
AD	GRADE CHANGE
PVI	POINT OF VERTICAL INTERSECTION
VC	VERTICAL CURVE


DENOTES LOCAL COLLECTOR
PAVEMENT CROSS SECTION

STREET PLAN & PROFILES

**BAKER'S POINTE
SECTIONS 1A & AB**

PENDLETON, FALL CREEK TOWNSHIP
MADISON COUNTY, INDIANA

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.

CERTIFIED: 05/06/24

STOEPPELWERTH

ALWAYS ON

7965 East 106th Street, Fishers, IN 46038-2505
phone: 317.849.5935 fax: 317.849.5942

02/06/25	AS BUILTS	REVISD PER FUTURE C.S. w. 60 S. IMPROVEMENTS	MJE
09/25/24		REVISED HANDICAPPED RAMPS AT ENTRANCE TO S.S. 3000RD FH	GEM
08/27/24		REVISED PER REVIEW COMMENTS	GEM
07/09/24		REVISED PER REVIEW COMMENTS	GEM
06/06/24		UPDATED TO NEW DRAINAGE ORDINANCE	KRGGEM
DATE	MARK	REVISIONS	BY

A circular professional engineer seal for the State of Indiana. The outer ring contains the text "BRIAN MILLER BROWN" at the top and "PROFESSIONAL ENGINEER" at the bottom. Inside the ring, the word "REGISTERED" is at the top, "No." is in the center, "PE1200386" is below "No.", and "STATE OF INDIANA" is at the bottom.

RECORD DRAWING

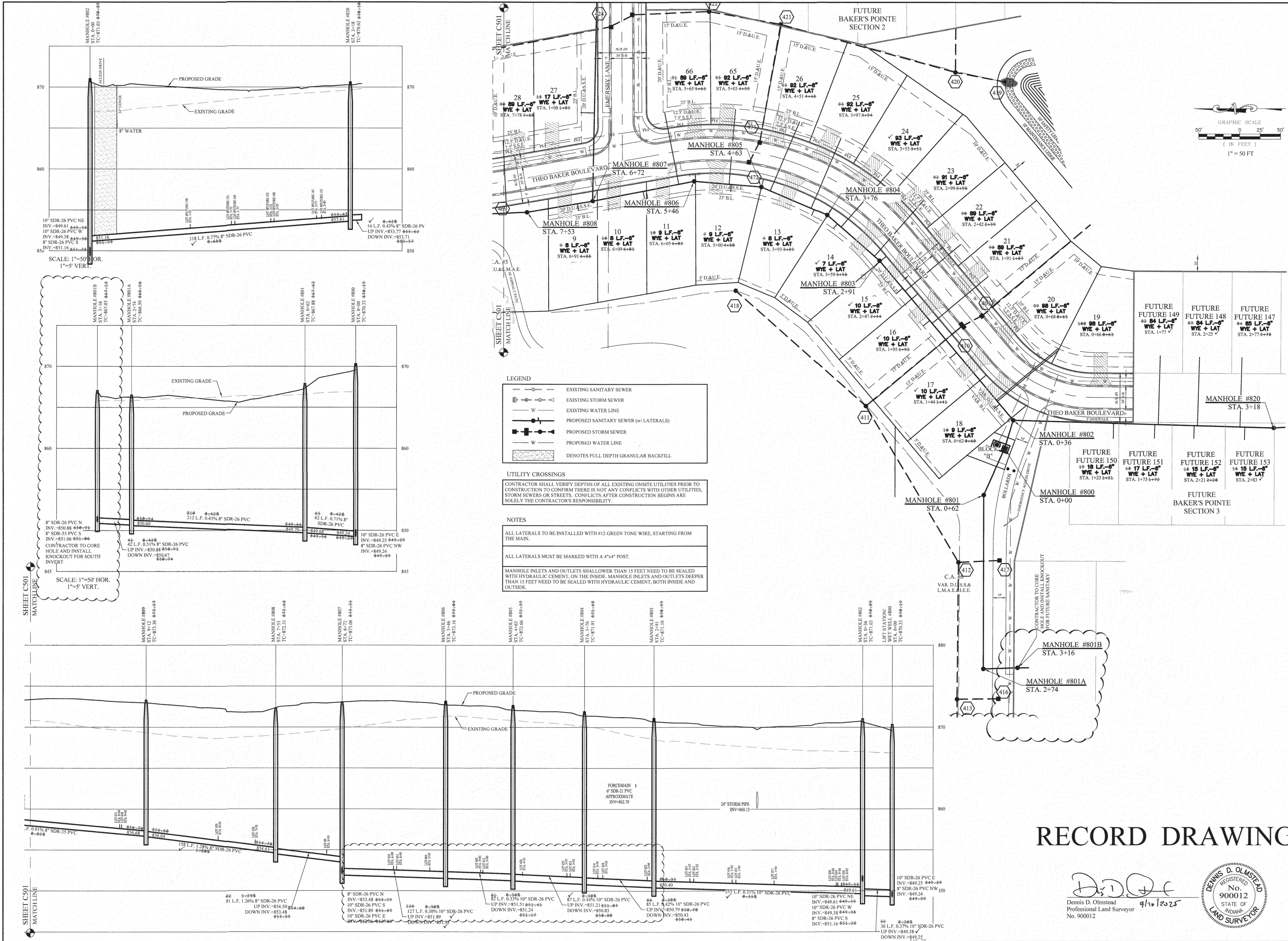

Dennis D. Olmstead
Professional Land Surveyor
No. 900012



DRAWN BY: KJJM/GEM	CHECKED KRC
SHEET NO.	

C402

S & A JOB NO.
105263DRH-S1



RECORD DRAWING

Dennis D. Olmstead
Professional Land Surveyor
No. 900012
9/10/2025



STOEPPELWERTH

ALWAYS ON

7945 East 104th Street, Fishers, IN 46038-2505
phone 317.497.5935 fax 317.497.5942

SANITARY SEWER PLAN & PROFILES

BAKER'S POINTE

SECTIONS 1A & AB

PENDLETON, FALL CREEK TOWNSHIP

MADISON COUNTY, INDIANA

DATE: 09/09/25

AS BUILT

REVISIONS

MARK

DATE

REVISIONS

BY: KRG

CHECKED BY: KRG

DRAWN BY: KJ/M/GEM

SHEET NO. C500

NO. 10263DRH-S1

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY. A ROUTE REPORT OR A SURVEYOR LOCATION REPORT.

CERTIFIED: 05/06/24

STATE OF INDIANA

PROFESSIONAL ENGINEER

NO. PE11200386

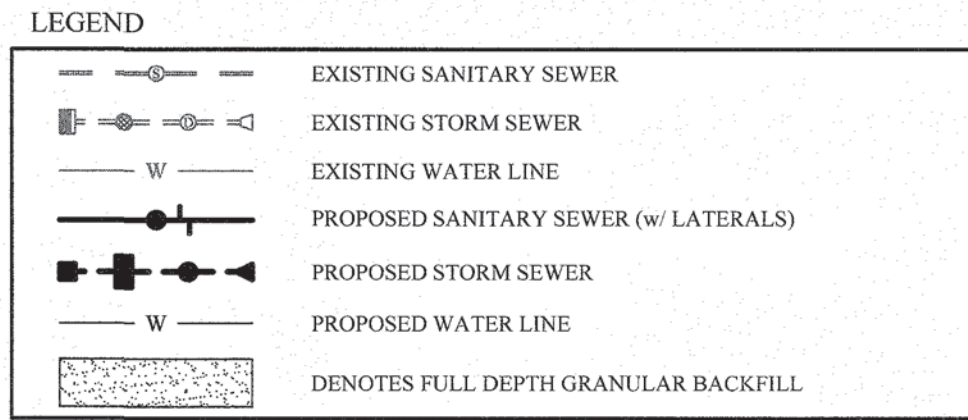
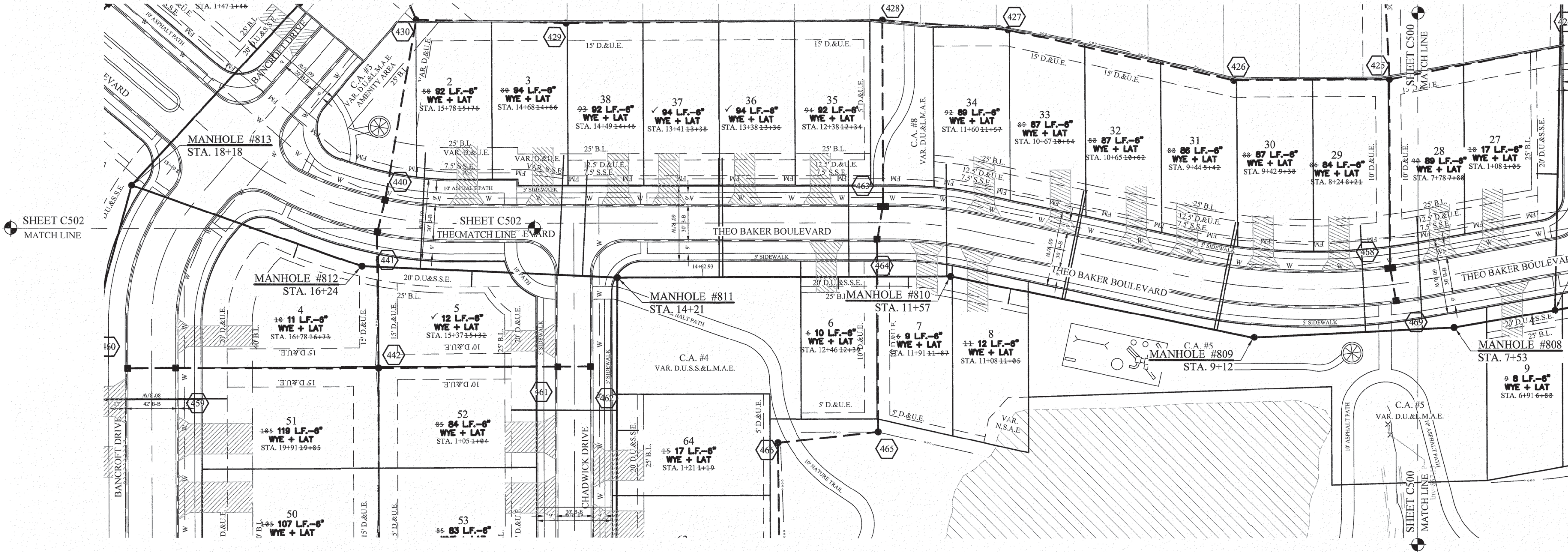
BRADY MILLER BROWN

REVISIONS

MARK

DATE

REVISIONS



UTILITY CROSSINGS

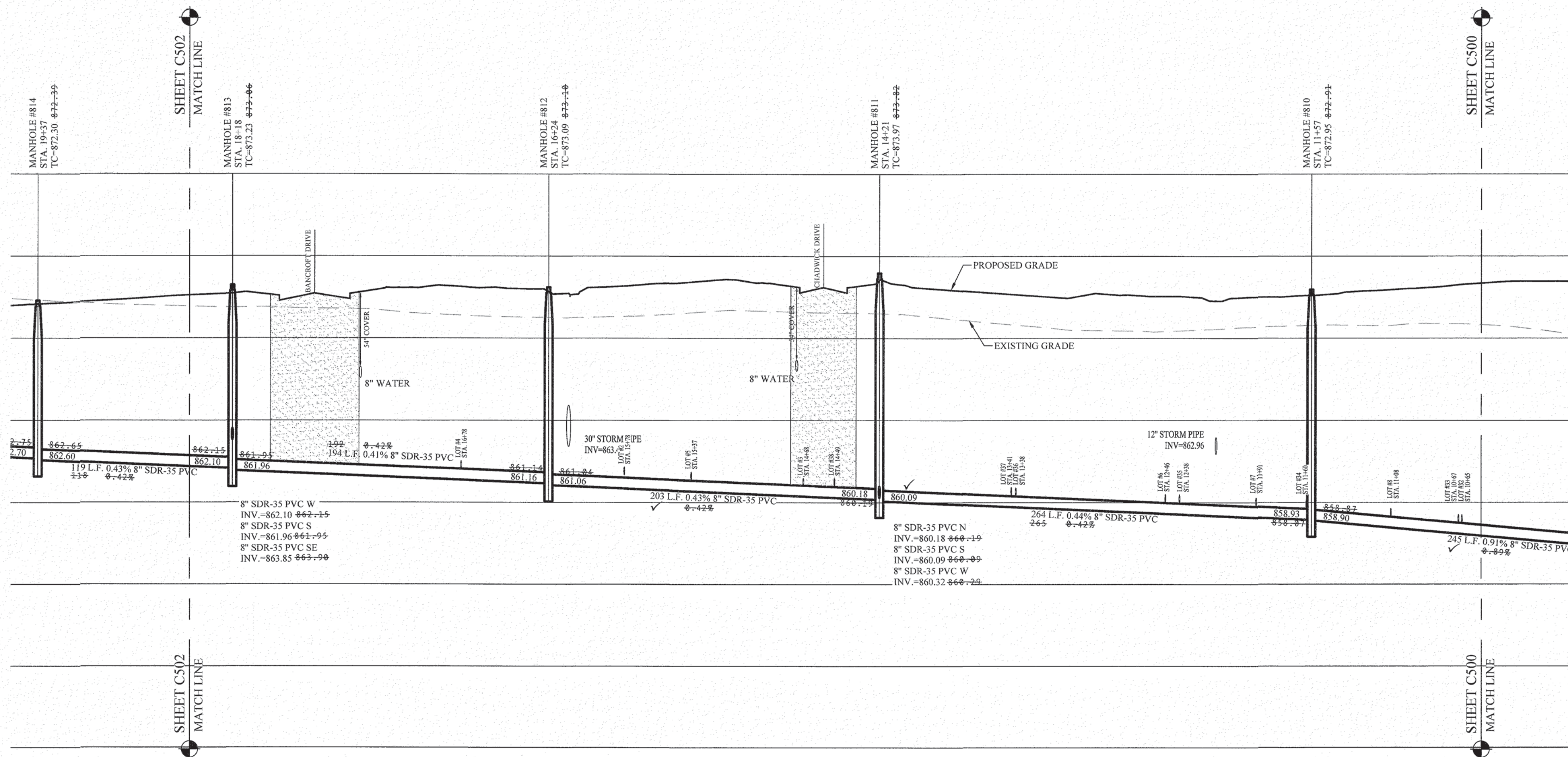
CONTRACTOR SHALL VERIFY DEPTHS OF ALL EXISTING ON-SITE UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM THERE IS NOT ANY CONFLICTS WITH OTHER UTILITIES, STORM SEWERS OR STREETS. CONFLICTS AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.

NOTES

ALL LATERALS TO BE INSTALLED WITH #12 GREEN TONE WIRE, STARTING FROM THE MAIN.

ALL LATERALS MUST BE MARKED WITH A 4"x4" POST.

MANHOLE INLETS AND OUTLETS SHALLower THAN 15 FEET NEED TO BE SEALED WITH HYDRAULIC CEMENT, ON THE INSIDE. MANHOLE INLETS AND OUTLETS DEEPER THAN 15 FEET NEED TO BE SEALED WITH HYDRAULIC CEMENT, BOTH INSIDE AND OUTSIDE.



RECORD DRAWING

Dennis D. Olmstead
Professional Land Surveyor
No. 900012
9/10/2025



STOEPPELWERTH

ALWAYS ON

7905 East 100th Street, Fishers, IN 46038-2505
phone: 317.849.5985 fax: 317.849.5942

SANITARY SEWER PLAN & PROFILES

BAKER'S POINTE

SECTIONS 1A & AB

PENDLETON, FALL CREEK TOWNSHIP
MADISON COUNTY, INDIANA

DRAWN BY: KJ/M/GEM

CHECKED BY: KRG

SHEET NO. C501

S&A JOB NO. 105263DRH-S1

AS BUILTS

09/09/25

REVISIONS

DATE

MARK

BY

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05/06/24

REGISTERED PROFESSIONAL ENGINEER

PE1200386

STATE OF INDIANA

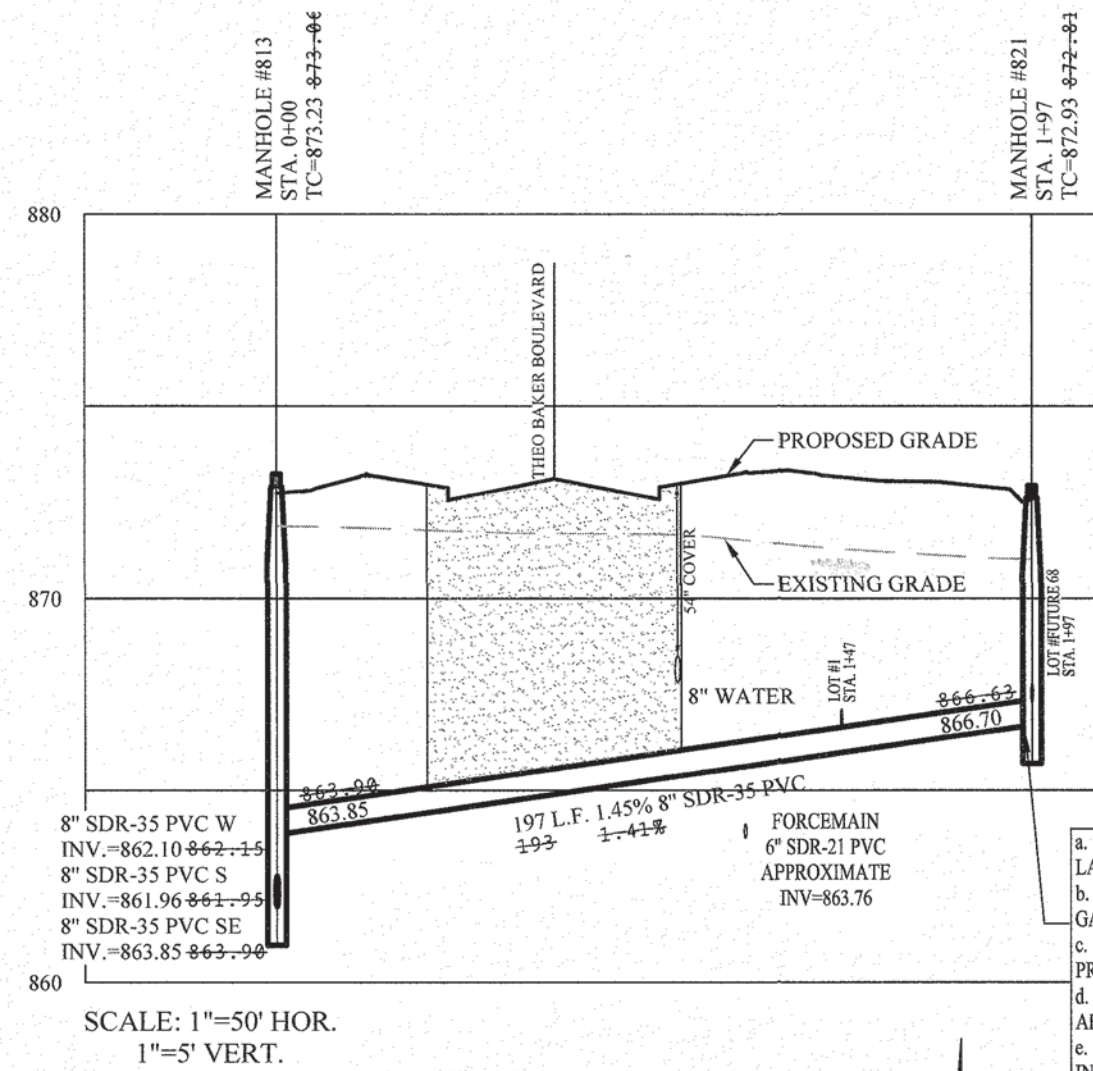
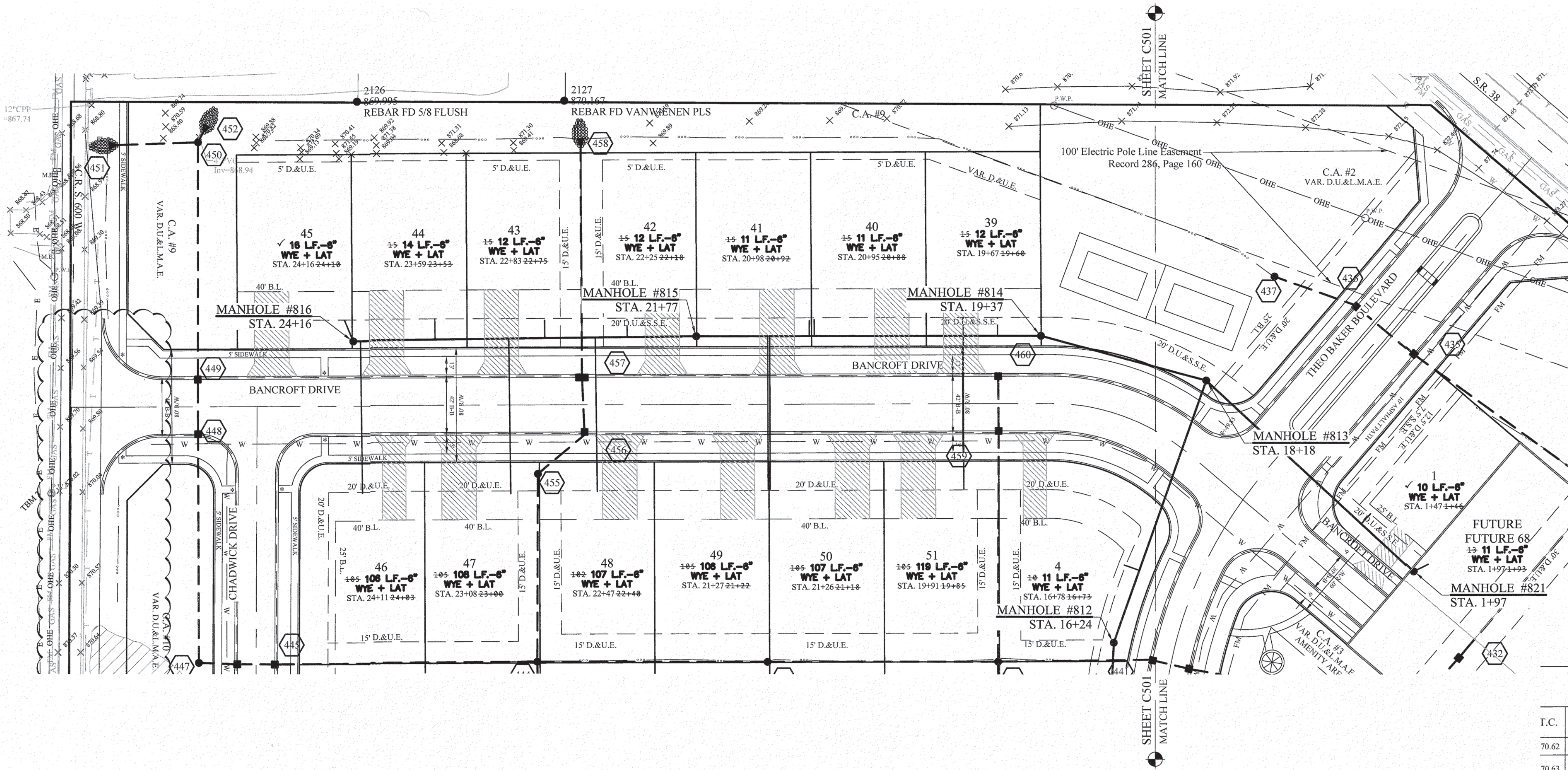
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REVISIONS

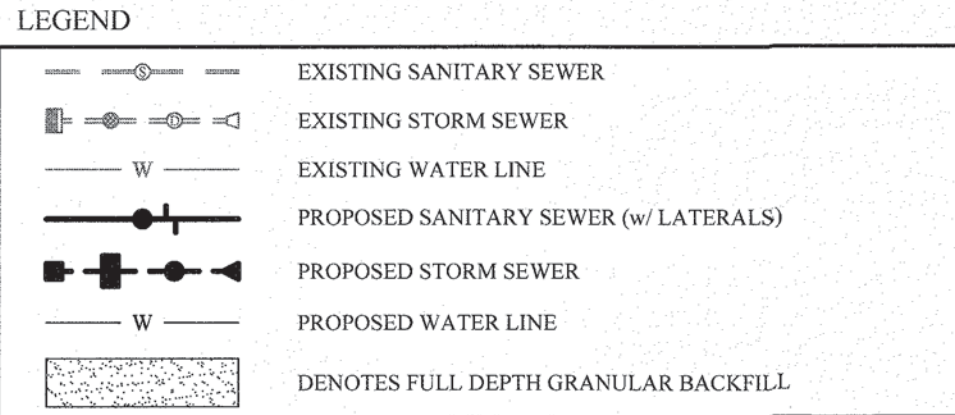
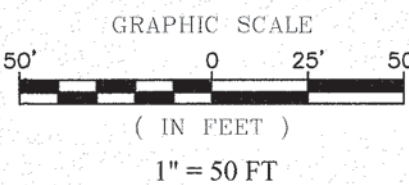
DATE

MARK

BY



a. A BENCHMARK SHALL BE PROVIDED FOR THE LATERAL CONNECTION TO THE MANHOLE.
b. THE LATERAL CONNECTION SHALL BE GASKETED, FLEXIBLE AND WATERTIGHT.
c. MANHOLE SHALL BE FABRICATED FOR THE PROPOSED LATERAL.
d. INVERT FOR LATERAL MUST BE LESS THAN 24" ABOVE THE SEWER MAIN INVERT.
e. A LATERAL STUB-OUT PIPE SHALL BE INSTALLED FROM THE MANHOLE.
f. ALL LATERALS MUST BE EXTENDED FROM THE STUB WITH A SEPARATE LATERAL PERMIT.



UTILITY CROSSINGS
CONTRACTOR SHALL VERIFY DEPTHS OF ALL EXISTING ONSITE UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM THERE IS NOT ANY CONFLICTS WITH OTHER UTILITIES, STORM SEWERS OR STREETS. CONFLICTS AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.

NOTES
ALL LATERALS TO BE INSTALLED WITH #12 GREEN TONE WIRE, STARTING FROM THE MAIN.
ALL LATERALS MUST BE MARKED WITH A 4"x4" POST.
MANHOLE INLETS AND OUTLETS SHALL NOT BE DEEPER THAN 15 FEET NEED TO BE SEALED WITH HYDRAULIC CEMENT, BOTH INSIDE AND OUTSIDE.

SANITARY SEWER STRUCTURE & PIPE TABLE												STR.#	TYPE	T.
I.C.	CASTING TYPE	DIA. IN	DIR. IN	INV. IN	DIA. OUT	DIR. OUT	INV. OUT	SLOPE	PIPE	LENGTH	MATERIAL			
70.62	Standard											821	4' MH	873
70.63	EJ-1022	10" 8"	E NW	849.25 849.24					800-802 800-801	36' 62'	SDR-26 PVC SDR-26 PVC			
66.80	EJ-1022	8"	S	850.67	8"	E	850.60	0.43%	801A-801 801A-801B	212' 42'	SDR-26 PVC SDR-26 PVC			
67.33	EJ-1022	8"	S	851.06	8"	N	850.88	0.51%	801A-801B 801B STUB	42' 13'	SDR-26 PVC SDR-35 PVC			
68.18	EJ-1022	8"	W	849.70	8"	SE	849.68	0.71%	801A-801 800-801	212' 62'	SDR-26 PVC SDR-26 PVC			
71.33	EJ-1022	10" 8"	NE S	849.61 851.16	10"	W	849.38	0.37%	802-803 800-802 802-821	255' 30' 318'	SDR-26 PVC SDR-26 PVC SDR-26 PVC			
71.40	EJ-1022	10"	NE	850.43	10"	SW	850.40	0.31%	803-804 802-803	85' 255'	SDR-26 PVC SDR-26 PVC			
72.21	EJ-1022	10"	NE	850.83	10"	SW	850.79	0.42%	804-805 803-804	87' 85'	SDR-26 PVC SDR-26 PVC			
72.96	EJ-1022	10"	N	851.24	10"	SW	851.21	0.44%	805-806 804-805	82' 87'	SDR-26 PVC SDR-26 PVC			
73.46	EJ-1022	10"	N	851.51	10"	S	851.51	0.33%	806-807 805-806	127' 82'	SDR-26 PVC SDR-26 PVC			
73.36	EJ-1022	8" 10"	N E	853.48 852.06	10"	S	851.89	0.30%	807-808 806-807 807-819	81' 127' 411'	SDR-26 PVC SDR-26 PVC SDR-26 PVC			
72.61	EJ-1022	8"	N	854.61	8"	S	854.50	1.26%	808-809 807-808	158' 81'	SDR-26 PVC SDR-26 PVC			
73.60	EJ-1022	8"	N	856.68	8"	S	856.64	1.28%	809-810 808-809	245' 158'	SDR-35 PVC SDR-35 PVC			
73.25	EJ-1022	8"	N	858.93	8"	S	858.90	0.91%	810-811 809-810	264' 245'	SDR-35 PVC SDR-35 PVC			
74.27	EJ-1022	8" 8"	N W	860.18 860.32	8"	S	860.09	0.44%	811-812 810-811 811-817	203' 264' 253'	SDR-35 PVC SDR-35 PVC SDR-35 PVC			
73.39	EJ-1022	8"	N	861.16	8"	S	861.06	0.43%	812-813 811-812	194' 203'	SDR-35 PVC SDR-35 PVC			
73.53	EJ-1022	8" 8"	SE W	862.10 863.85	8"	S	861.96	0.41%	813-814 812-813 813-821	119' 194' 197'	SDR-35 PVC SDR-35 PVC SDR-35 PVC			
72.60	EJ-1022	8"	W	862.70	8"	E	862.60	0.43%	814-815 813-814	240' 119'	SDR-35 PVC SDR-35 PVC			
72.06	EJ-1022	8"	W	863.85	8"	E	863.75	0.44%	815-816 814-815	239' 240'	SDR-35 PVC SDR-35 PVC			
72.26	EJ-1022				8"	E	864.93	0.45%	815-816	239'	SDR-35 PVC			
73.04	EJ-1022	8"	W	862.79	8"	E	862.77	0.97%	817-818 811-817	240' 253'	SDR-35 PVC SDR-35 PVC			
71.73	EJ-1022	8"	W	863.93	8"	E	863.90	0.46%	817-818 811A-811	240' 82'	SDR-35 PVC SDR-35 PVC			
72.20	EJ-1022				8"	E	864.34	0.50%	811A-811	82'	SDR-35 PVC			
73.49	EJ-1022	8" 10"	N S	853.51 853.61	10"	W	853.40	0.33%	807-819 819 STUB N 819 STUB S	411' 11' 15'	SDR-26 PVC SDR-26 PVC SDR-26 PVC			
70.92	EJ-1022	8"	S	853.71	8"	N	853.61	0.77%	802-821 820 STUB S	318' 14'	SDR-26 PVC SDR-26 PVC			

RECORD DRAWING

Dennis D. Olmstead
Professional Land Surveyor
No. 900012
4/10/2025



STOEPELWERTH

ALWAYS ON

7905 East 106th Street, Fishers, IN 46038-2505
phone: 317.849.5925 fax: 317.849.5942

SANITARY SEWER PLAN & PROFILES

BAKER'S POINTE

SECTIONS 1A & AB

PENDLETON, FALL CREEK TOWNSHIP
MADISON COUNTY, INDIANA

DRAWN BY: KJIM/GEM

CHECKED BY: KRK

SHEET NO. C502

S.E.A. 900012

105263DRH-S1

DATE

MARK

REVISIONS

BY

09/09/25

AS BUILT

02/26/25

REVISED PER FUTURE C.R. W. 600 S. IMPROVEMENTS

GEM

09/25/24

REVISED HANDICAP RAMP AT ENTRANCE TO S.R. SHARDED FH

GEM

08/27/24

REVISED PER REVIEW COMMENTS

GEM

07/09/24

REVISED PER REVIEW COMMENTS

GEM

06/06/24

UPDATED TO NEW DRAINAGE ORDINANCE

KJG/GEM

05/06/24

CERTIFIED: 05/06/24

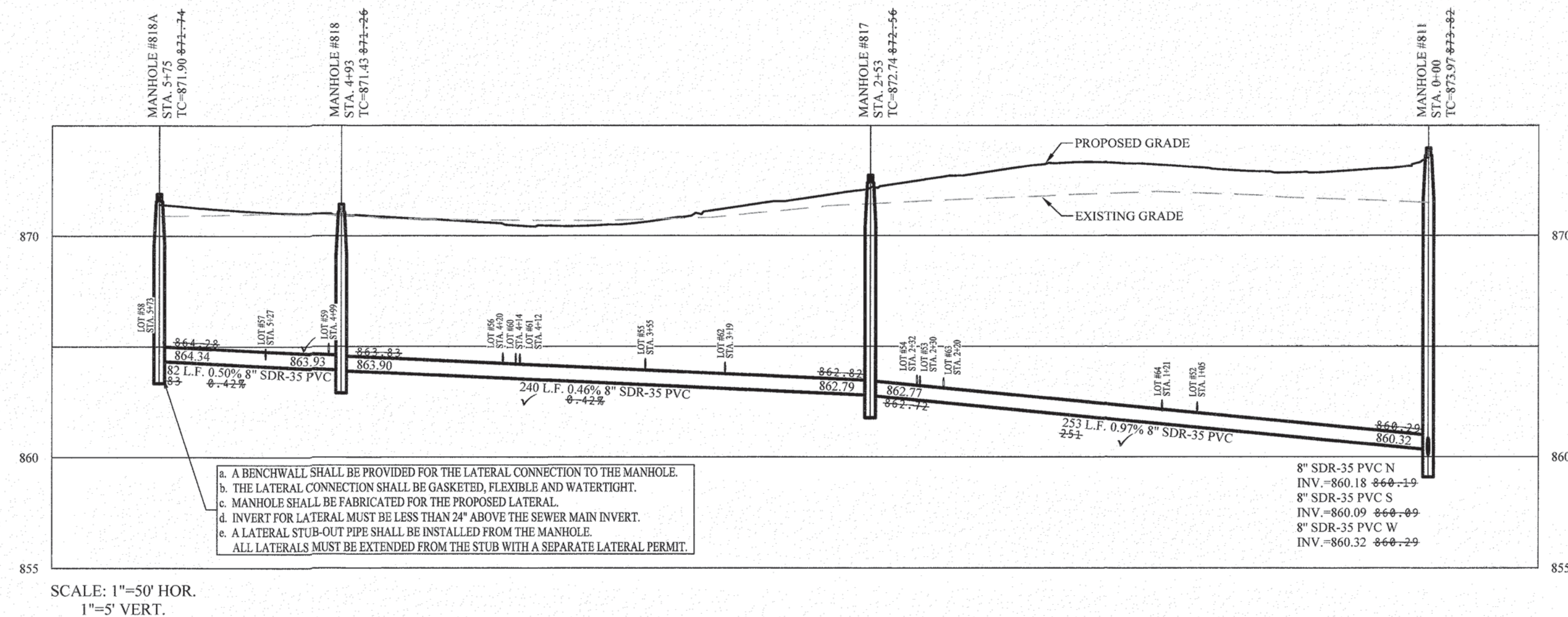
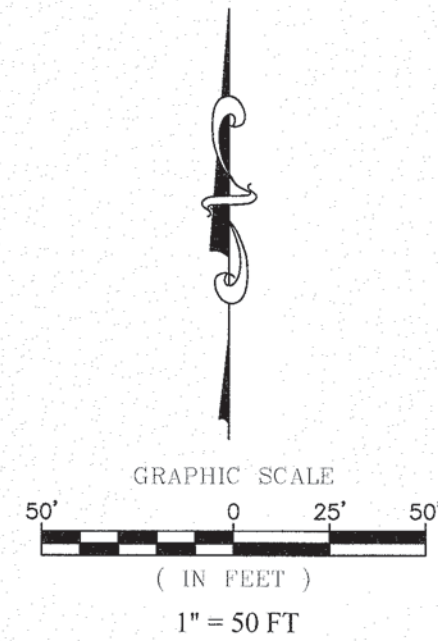
REGISTERED PROFESSIONAL ENGINEER

STATE OF INDIANA

No. PE11200386

DRYAN MILLER BRUNN

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR SURVEY OF A SURVEY OR A ROUTE SURVEY OR A SURVEY ON LOCATION.



DENNIS D. OLMSTEAD
REGISTERED
No.
900012
STATE OF
INDIANA
LAND SURVEYOR

BAKER'S POINTE
SECTIONS 1A & AB

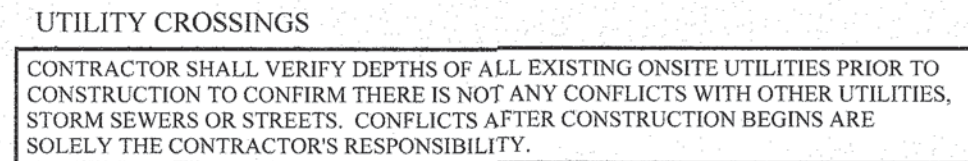
ALWAYS ON

7965 East 106th Street, Fishers, IN 46038-2505
phone: 317.849.5935 fax: 317.849.5942

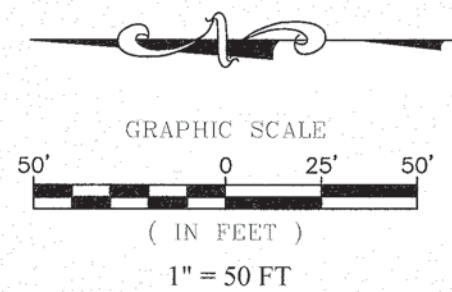
THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.

CERTIFIED: 05/06/24

[illegible]



MANHOLE INLETS AND OUTLETS SHALLower THAN 15 FEET NEED TO BE SEALED WITH HYDRAULIC CEMENT, ON THE INSIDE. MANHOLE INLETS AND OUTLETS DEEPER THAN 15 FEET NEED TO BE SEALED WITH HYDRAULIC CEMENT, BOTH INSIDE AND OUTSIDE.




Dennis D. Olmstead
Professional Land Surveyor
No. 900012



PENDLETON, FALL CREEK TOWNSHIP
MADISON COUNTY, INDIANA

ALWAYS ON

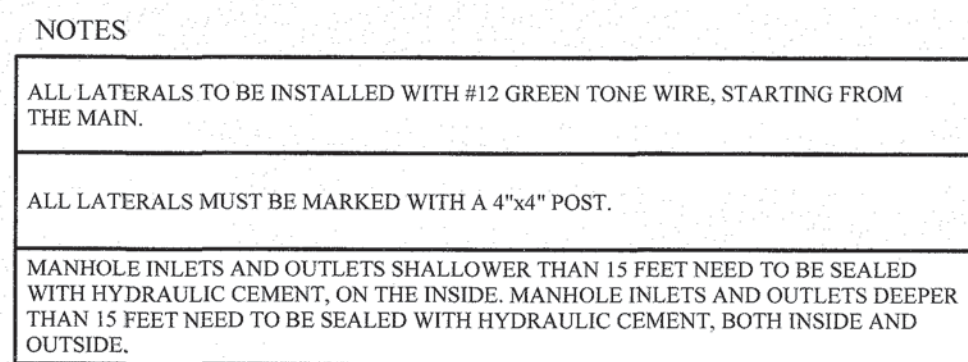
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CERTIFIED: 05/06/24



DATE	MARKS	BY
07/09/24	06/06/24	KRGGHM
		REVISIONS
		UPDATED TO NEW DRAINAGE ORDINANCE
		GDM
		REVISED PER REVIEW COMMENTS
		GDM
		REVISED PER REVIEW COMMENTS
		GEM
		REVISED HANDICAP RAMPS AT ENTRANCE TO S.R. 36/ADDED P.H.
		GEM
		REVISED PER FUTURE C.I.K.W. 600'S IMPROVEMENTS
		GDM
		AS BUILTS
09/09/25		MJE



EPPELWE

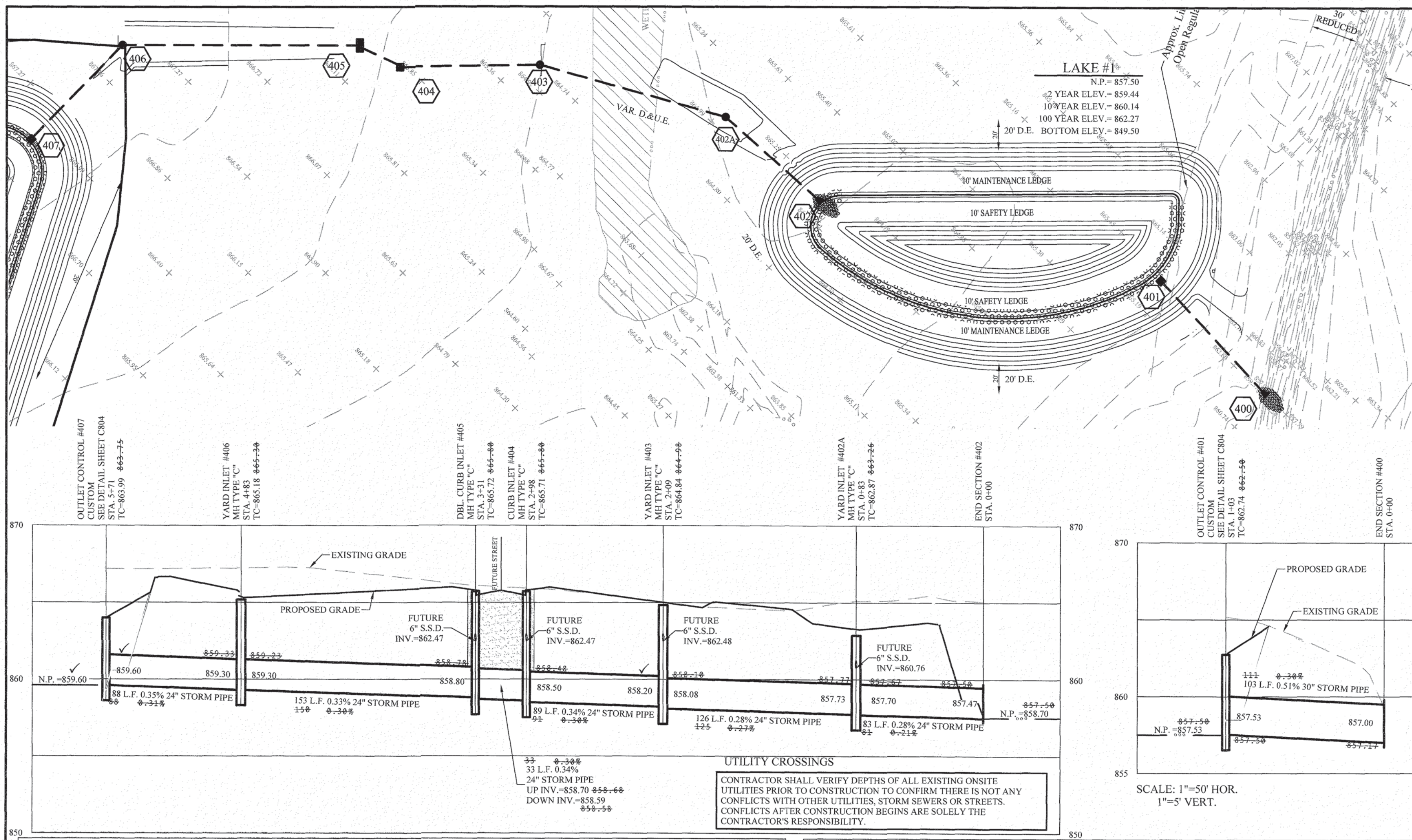
ALWAYSON

965 East 106th Street, Fishers, IN 46038-2505
phone: 317.849.5935 fax: 317.849.5942

STOEPPELWERTH

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.

			MJE
09/06/25	AS BUILT		
		REVISED PER FIELDWORK TO CORROBORATE DISSEMINATIONS	GDM
08/06/24		ADDED FISHCAP RANGS AT ENTRANCE TO S.W. GRADED P.H.	GME
08/27/24		REVISED PER REVIEW COMMENTS	GEM
		REVISED PER REVIEW COMMENTS	GEM
07/09/24		UPDATED TO NEW DRAINAGE ORDINANCE	KRCEM
06/06/24	MARK	REVISIONS	BY
	DATE		

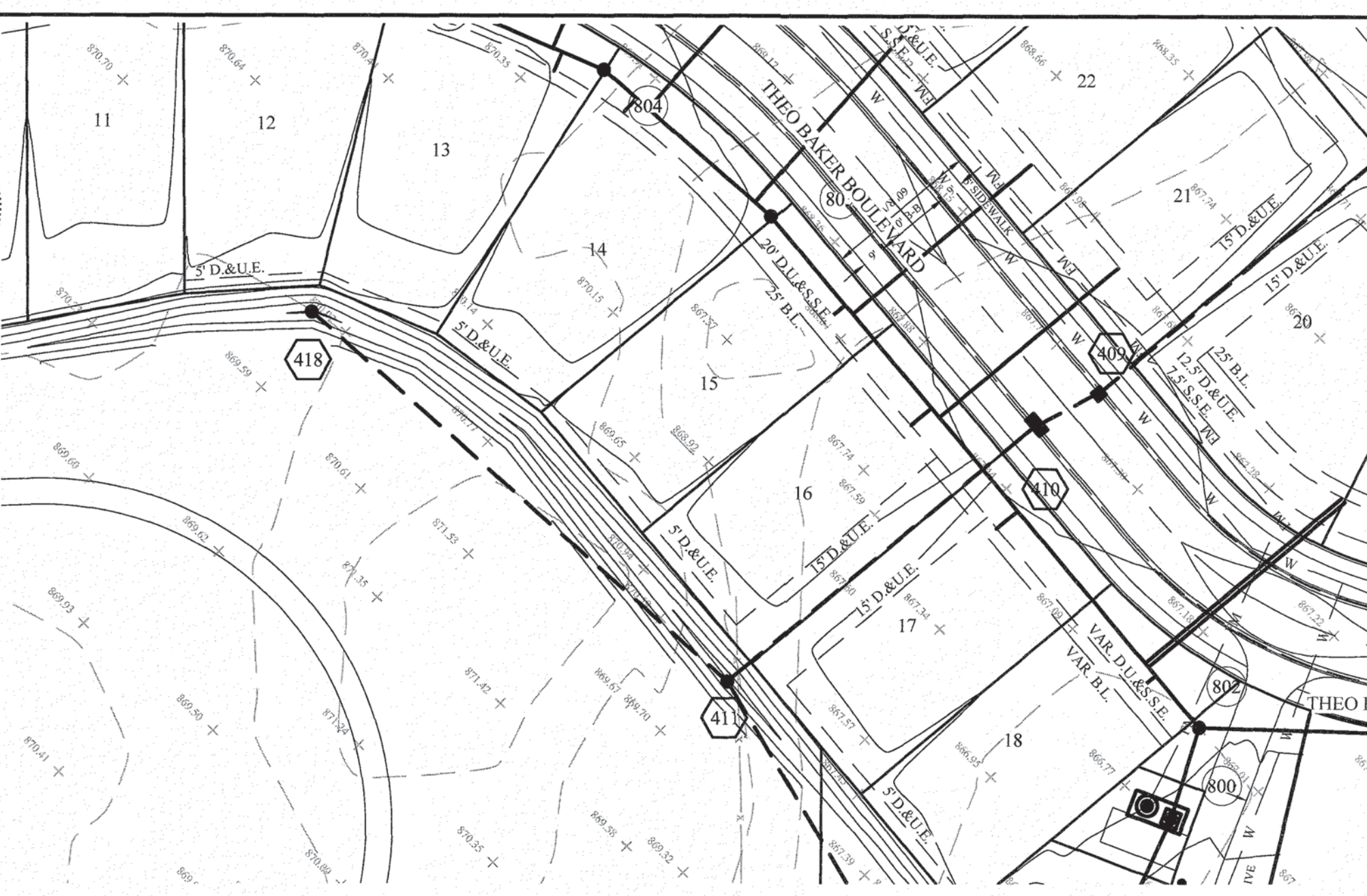


STRUCTURE TABLE											
STR.#	CALLOUT	STR. TYPE	T.C.	CASTING TYPE	DIAMETER IN	DIR. IN	INV. IN	DIAMETER OUT	DIR. OUT	INV. OUT	SLOPE
400	END SECTION		859.88		30	NE	857.00				
401	OUTLET CONTROL	CUSTOM	862.74	CUSTOM				30	SW	857.53	0.51%
402	END SECTION		859.80		24	NE	857.47				
402A	YARD INLET	MH TYPE "C"	862.87	EJ-6489N	24	N	857.73	24	SW	857.70	0.28%
403	YARD INLET	MH TYPE "C"	864.84	EJ-6489N	24	N	858.20	24	S	858.08	0.28%
404	CURB INLET	MH TYPE "C"	865.71	EJ-7495-M2/M1	24	NE	858.59	24	S	858.50	0.34%
405	DBL. CURB INLET	MH TYPE "C"	865.72	EJ-7495-M2/M1	24	N	858.80	24	SW	858.70	0.34%
406	YARD INLET	MH TYPE "C"	865.18	EJ-6489N	24	NW	859.30	24	S	859.30	0.33%
407	OUTLET CONTROL	CUSTOM	863.99	CUSTOM				24	SE	859.60	0.35%
408	END SECTION		862.58		30	NW	859.70				
409	CURB INLET	MH TYPE "D"	869.61	EJ-7495-M2/M1	24	NW	859.94	30	SE	859.94	0.13%
410	DBL. CURB INLET	MH TYPE "C"	869.74	EJ-7495-M2/M1	24	NW	860.09	24	SE	860.00	0.20%
411	YARD INLET	MH TYPE "C"	865.87	EJ-6489N	21 12	SW NE	860.45 862.42	24	SE	860.35	0.17%
412	YARD INLET	MH TYPE "C"	865.04	EJ-6489N	18 12	W S	861.00 860.98	21	NE	860.95	0.23%
413	YARD INLET	MH TYPE "C"	865.26	EJ-6489N	15 12	W S	861.50 861.55	18	E	861.45	0.27%
414	YARD INLET	MH TYPE "C"	865.72	EJ-6489N	12	S	861.88	15	E	861.75	0.40%
415	YARD INLET	INLET TYPE "A"	865.55	EJ-6489N				12	N	862.28	0.49%
416	CURB INLET	INLET TYPE "A"	865.71	EJ-5250				12	N	861.80	0.49%
417	CURB INLET	INLET TYPE "A"	865.64	R-3405-A				12	N	861.68	1.41%
418	YARD INLET	INLET TYPE "A"	867.17	EJ-6489N				12	SW	863.80	0.65%
419	END SECTION		864.54		54	N	859.50				
420	YARD INLET	MH TYPE "E"	868.62	EJ-6489N	54 15	N E	859.78 862.80	54	S	859.70	0.32%
421	YARD INLET	MH TYPE "E"	869.64	EJ-6489N	48 12	N W	860.10 865.88	54	S	860.05	0.12%
422	YARD INLET	MH TYPE "E"	870.89	EJ-7495-M2/M1	48 12	N E	860.40 866.90	48	S	860.30	0.22%
423	CURB INLET	MH TYPE "E"	871.14	EJ-7495-M2/M1	48	NW	860.71	48	S	860.65	0.27%
424	CURB INLET	MH TYPE "E"	871.15	EJ-7495-M2/M1	48	N	860.85	48	SE	860.79	0.24%
425	YARD INLET	MH TYPE "E"	870.60	EJ-6489N	42 12 36	W N E	861.25 861.98 861.60	48	S	861.18	0.21%
426	YARD INLET	MH TYPE "D"	871.07	EJ-6489N	42	N	861.56	42	S	861.46	0.18%
427	YARD INLET	MH TYPE "D"	870.36	EJ-6489N	42	N	861.90	42	S	861.84	0.15%
428	YARD INLET	MH TYPE "D"	870.85	EJ-6489N	36 18	N W	862.14 862.15	42	S	862.05	0.15%
429	YARD INLET	MH TYPE "D"	870.96	EJ-6489N	36	N	862.51	36	S	862.46	0.13%
430	YARD INLET	MH TYPE "D"	871.94	EJ-6489N	30 15	W E	862.71 863.16	36	S	862.70	0.16%
431	CURB INLET	MH TYPE "C"	871.96	EJ-7495-M2/M1	15	NE	863.53	15	W	863.43	0.96%
432	CURB INLET	MH TYPE "C"	871.91	EJ-7495-M2/M1	15	NE	863.80	15	SW	863.70	0.57%
433	YARD INLET	MH TYPE "C"	871.52	EJ-6489N	12 12 12	NW NE SE	864.39 866.43 866.30	15	SW	864.40	0.40%
434	YARD INLET	INLET TYPE "A"	872.08	EJ-6489N				12	SW	867.10	0.70%
435	CURB INLET	MH TYPE "C"	872.31	EJ-7495-M2/M1	12	NW	865.21	12	SE	865.11	0.45%
436	CURB INLET	MH TYPE "C"	872.57	EJ-745-M2/M1	12	W	865.53	12	SE	865.48	0.48%
437	YARD INLET	INLET TYPE "A"	869.65	EJ-6489N				12	E	866.10	0.98%
438	YARD INLET	MH TYPE "C"	871.36	EJ-6489N	12	N	867.49	12	NW	867.38	0.46%

STRUCTURE TABLE											
STR.#	CALLOUT	STR. TYPE	T.C.	CASTING TYPE	DIAMETER IN	DIR. IN	INV. IN	DIAMETER OUT	DIR. OUT	INV. OUT	SLOPE
439	YARD INLET	INLET TYPE "A"	871.58	EJ-6489N				12	S	868.08	0.49%
440	CURB INLET	MH TYPE "D"	872.72	EJ-7495-M2/M1	30	W	863.20	30	E	863.10	0.28%
441	CURB INLET	MH TYPE "D"	872.76	EJ-7495-M2/M1	30	W	863.37	30	E	863.28	0.27%
442	YARD INLET	MH TYPE "D"	870.34	EJ-6489N	30	W	863.60	30	E	863.60	0.22%
443	YARD INLET	MH TYPE "D"	870.15	EJ-6489N	30	W	863.96	30	E	863.86	0.16%
444	YARD INLET	MH TYPE "D"	869.39	EJ-6489N	15	W	864.27	30	E	864.20	0.15%
445	CURB INLET	MH TYPE "C"	870.48	EJ-7495-M2/M1	12	W	864.89	15	E	864.89	0.34%
446	CURB INLET	MH TYPE "C"	870.27	EJ-7495-M2/M1	12	W	865.18	12	E	865.10	0.70%
447	MANHOLE	MH TYPE "C"	869.61	EJ-1076	12	N	865.37	12	E	865.30	0.48%
448	CURB INLET	MH TYPE "C"	871.38	EJ-7495-M2	12	N	866.17	12	S	866.12	0.48%
449	CURB INLET	MH TYPE "C"	871.45	EJ-7495-M1	12	N	866.41	12	S	866.38	0.50%
450	YARD INLET	MH TYPE "C"	870.43	EJ-6489N	12	W	867.35	12	S	867.23	0.50%
451	END SECTION		869.22					12	E	867.97	1.00%
452	END SECTION		869.41					12	SW	868.16	1.70%
453	DBL. CURB INLET	INLET TYPE "C"	870.13	EJ-7495-M2/M1	12	S	866.03	12	N	865.96	1.01%
454	CURB INLET	INLET TYPE "A"	870.27	EJ-7495-M2/M1				12	N	866.20	0.57%
455	MANHOLE	MH TYPE "C"	870.85	EJ-1076	15	NE	864.99	18	S	864.88	0.37%
456	CURB INLET	MH TYPE "C"	870.45	EJ-7495-M2/M1	12	N	865.53	15	SW	865.44	1.07%
457	DBL. CURB INLET	INLET TYPE "C"	870.45	EJ-7495-M2/M1	12	N	866.29	12	S	866.08	1.31%
458	END SECTION		869.16					12	S	867.91	0.99%
459	CURB INLET	INLET TYPE "C"	871.70	EJ-7495-M2/M1	12	N	867.40	12	S	867.33	0.57%
460	CURB INLET	INLET TYPE "A"	871.76	EJ-7495-M2/M1				12	S	867.62	0.52%
461	CURB INLET	INLET TYPE "C"	872.83	EJ-7495-M2/M1	12	S	868.48	12	N	868.40	1.00%
462	CURB INLET	INLET TYPE "A"	872.83	EJ-7495-M2/M1				12	N	868.69	0.70%
463	DBL. CURB INLET	MH TYPE "C"	872.06	EJ-7495-M2/M1	15	W	862.66	18	E	862.58	0.30%
464	CURB INLET	MH TYPE "C"	871.93	EJ-745-M2/M1	12	W	862.84	15	E	862.81	0.50%
465	YARD INLET	MH TYPE "C"	868.94	EJ-6489N	12	N	863.62	12	E	863.50	0.44%
466	YARD INLET	MH TYPE "C"	869.05	EJ-6489N	12	W	864.10	12	S	863.97	0.44%
467	YARD INLET	INLET TYPE "A"	868.74	EJ-6489N				12	E	865.35	0.44%
468	DBL. CURB INLET	MH TYPE "C"	872.05	EJ-7495-M2/M1	12	W	863.96	12	E	863.88	1.28%
469	CURB INLET	MH TYPE "C"	872.15	EJ-7495-M2/M1				12	E	864.15	0.63%
471	CURB INLET	INLET TYPE "C"	871.98	EJ-7495-M1	12	NW	867.70	12	E	867.70	1.26%
472	CURB INLET	INLET TYPE "A"	872.17	EJ-7495-M2				12	SE	867.89	0.61%
479	MANHOLE	MH TYPE "D"	871.64	EJ-1076	36	NE	862.48	36	W	862.38	0.62%
480	CURB INLET	MH TYPE "D"	871.37	EJ-7495-M2/M1	36	NE	862.70	36	SW	862.66	0.66%
481	CURB INLET	MH TYPE "D"	871.28	EJ-7495-M2/M1	36	E	862.97	36	SW	862.90	0.63%
482	YARD INLET	MH TYPE "D"	870.14	EJ-6489N	36	E	863.95	36	W	863.80	0.53%
482B	YARD INLET	TYPE C MH	871.33	EJ-6489N				12	S	867.30	0.38%
483	END SECTION		867.96					36	W	864.54	1.00%

RECORD DRAWING

DENNIS D. OLMEAD
REGISTERED PROFESSIONAL LAND SURVEYOR
No. 900012
STATE OF INDIANA
9/11/2025

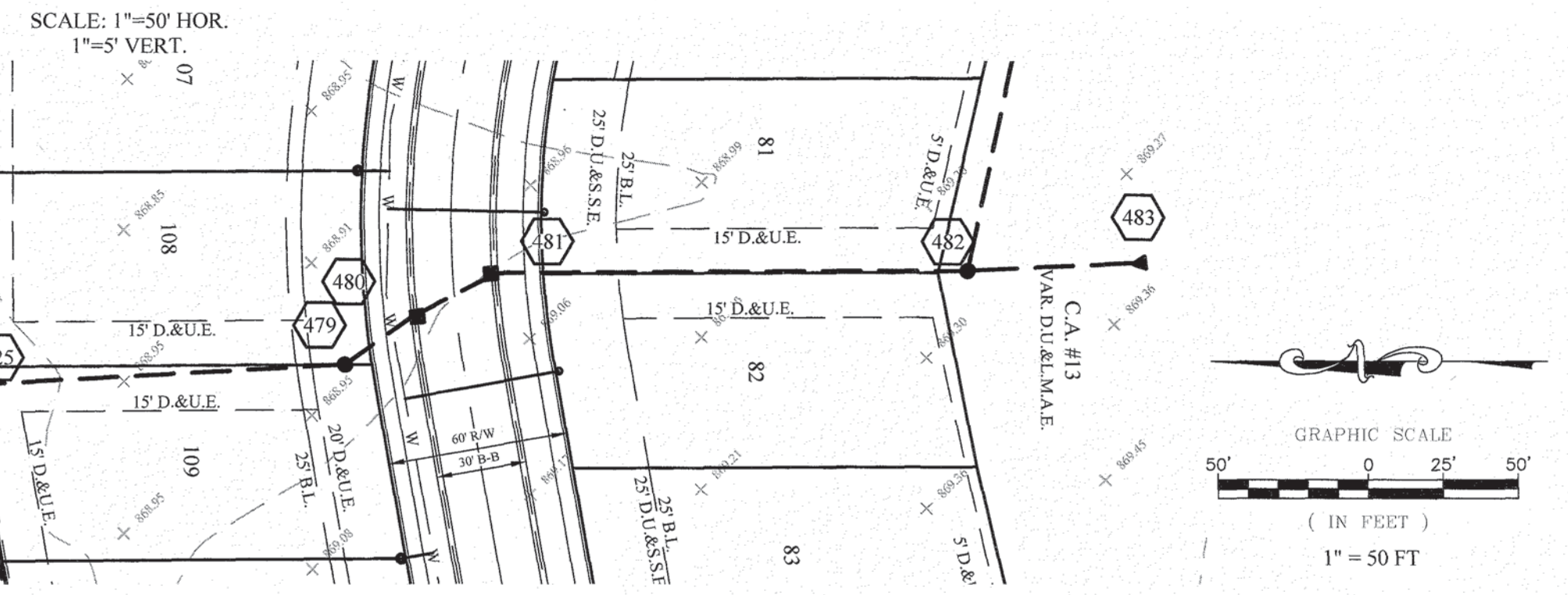
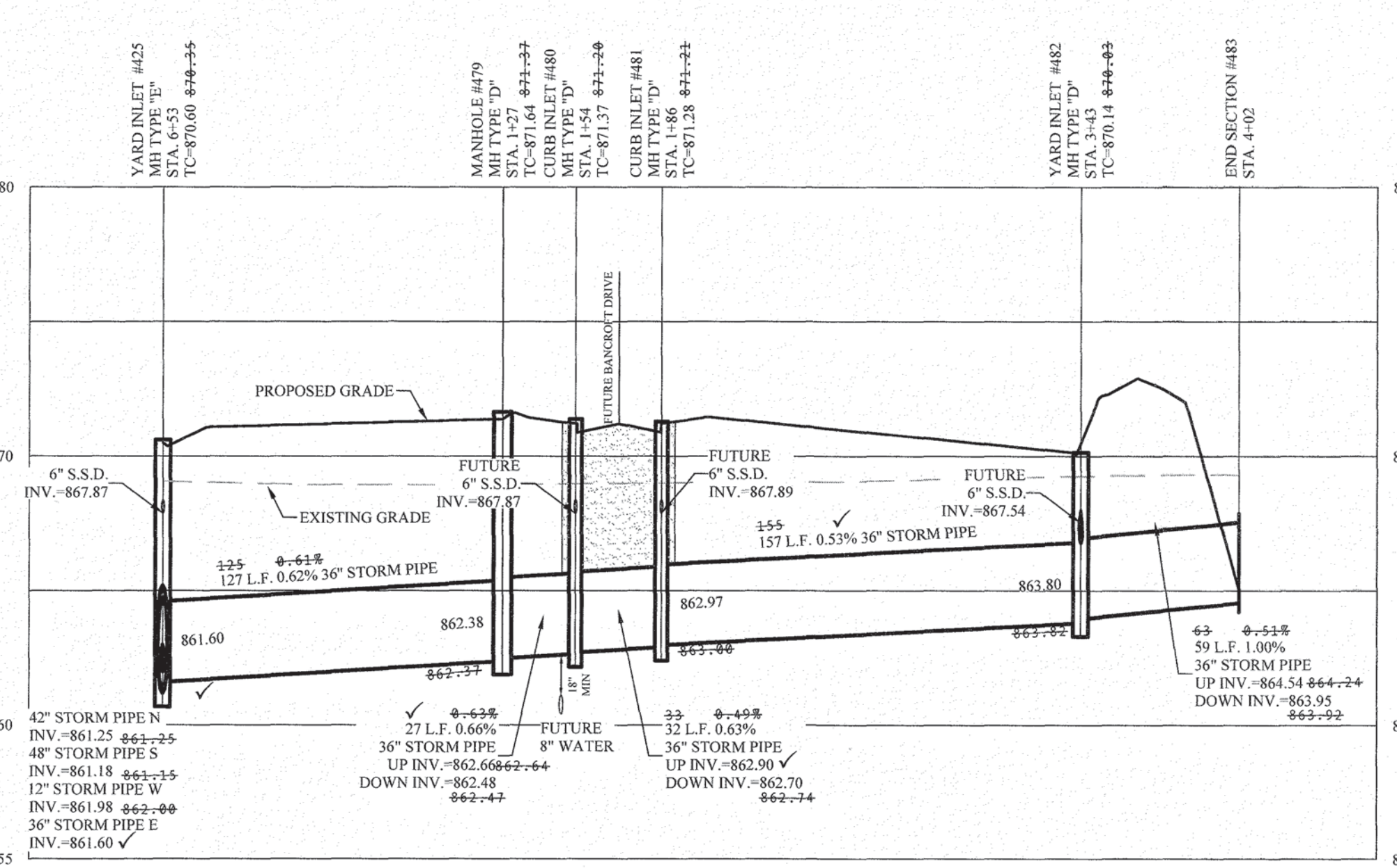
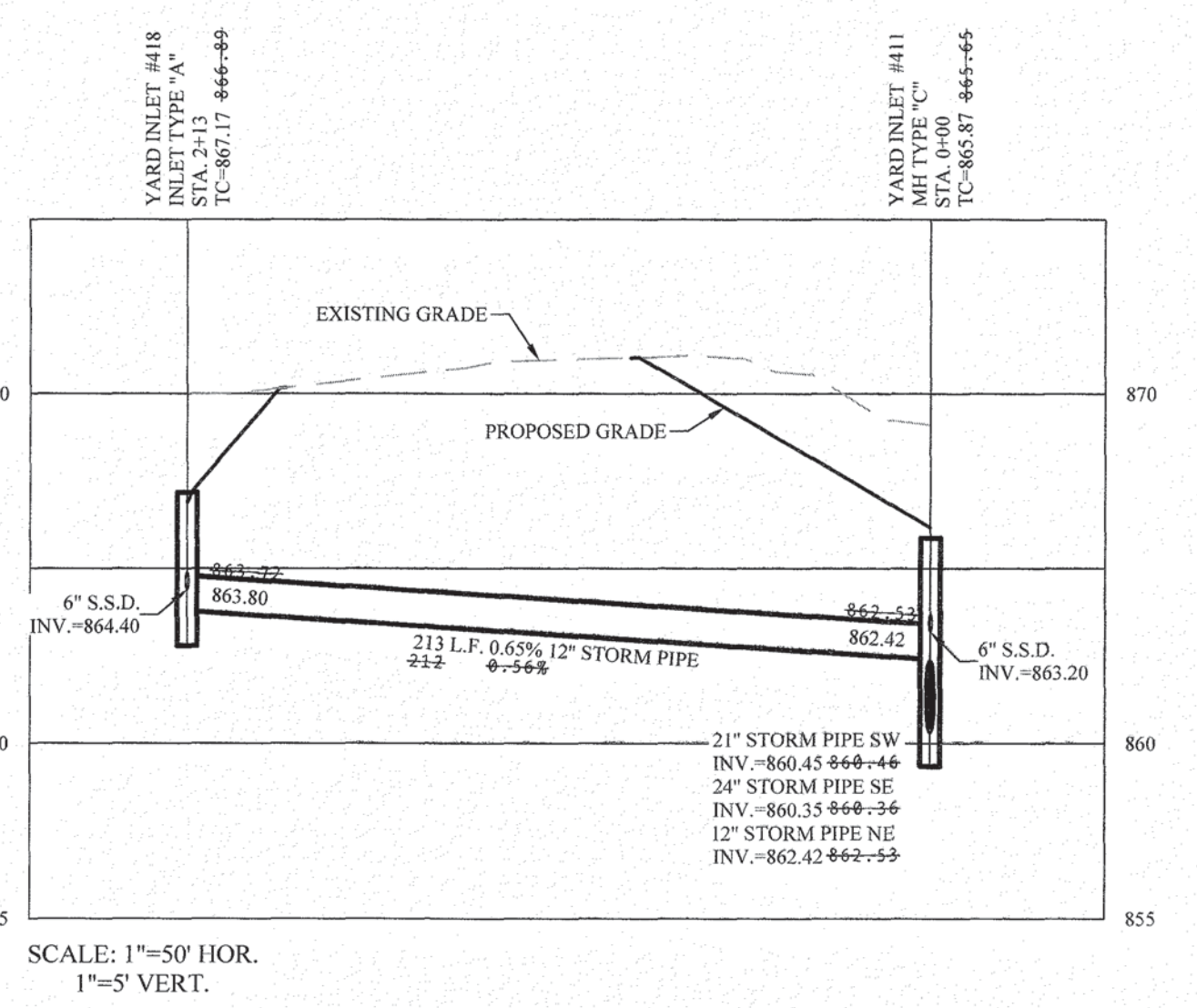


LEGEND

- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING WATER LINE
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED WATER LINE
- PROPOSED SWALE
- PROPOSED LAKE NORMAL POOL ELEVATION
- DENOTES FULL DEPTH GRANULAR BACKFILL

NOTES

- ALL STORM INLET CASTINGS NEED TO BE STAMPED OR EMBOSSED WITH "NO DUMPING/FLOWS TO STREAM"
- R.C.P., H.P., OR H.D.P.E. MAY BE USED FOR STORM SEWER. SEE FIGURE 4-2, ON SHEET C84 OF CONSTRUCTION DETAILS, FOR PIPE MATERIAL AND INSTALLATION DETAILS.



THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETAINMENT OR SURVEY OR A SURVEYOR LOCATION REPORT.

CERTIFIED: 05/06/24

STOEPPELWERTH ALWAYS ON

7965 East 10th Street, Fishers, IN 46038-2905
Phone: 317.849.2955 Fax: 317.849.5942

STORM PLAN & PROFILES
BAKER'S POINTE
SECTIONS 1A & AB

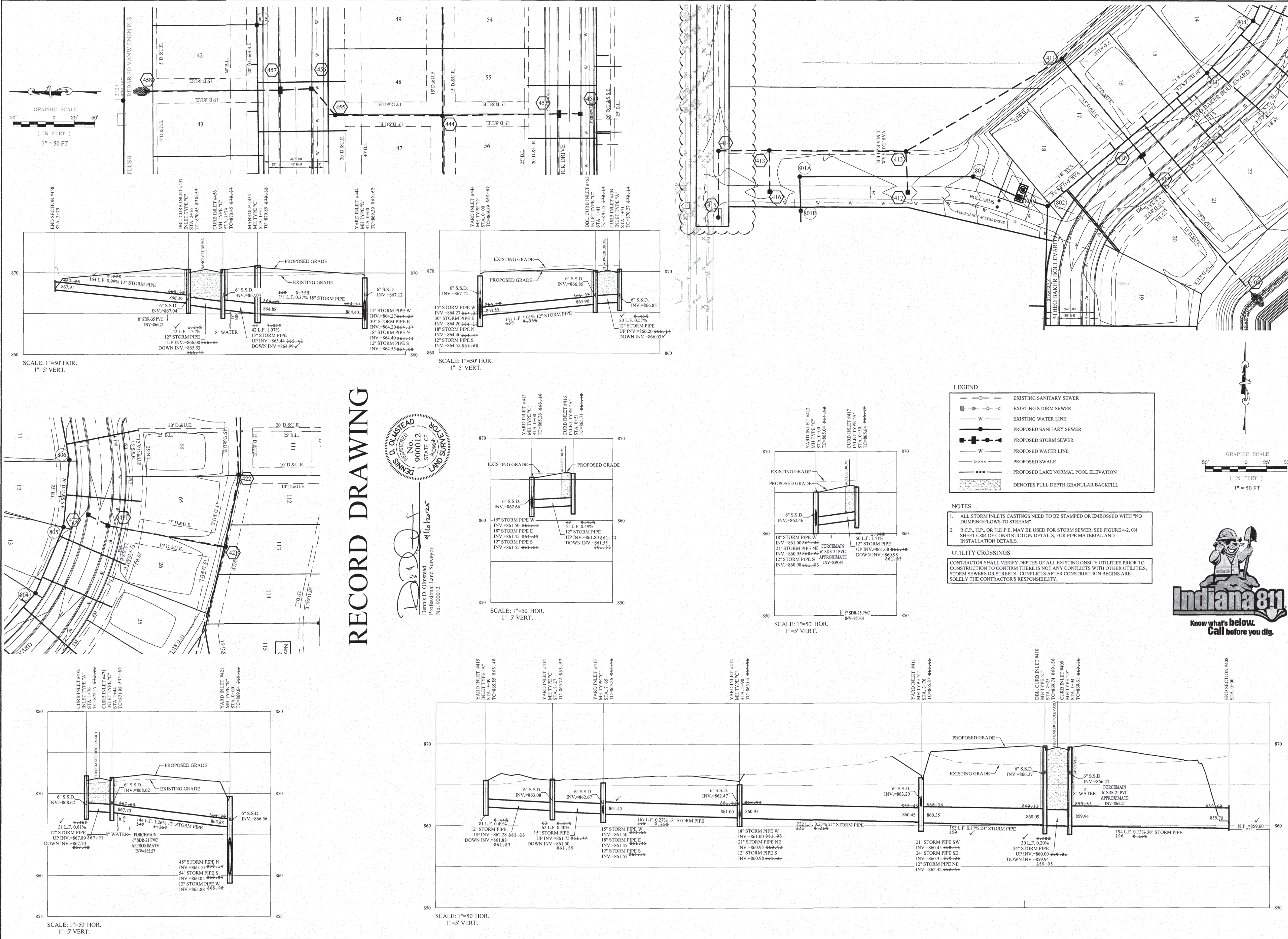
PENDLETON, FALL CREEK TOWNSHIP
MADISON COUNTY, INDIANA

DRAWN BY: KJ/M/GEM
CHECKED BY: KRG

SHEET NO. C600

S & A JOB NO. 105263DRH-S1

AS BUILTS	DATE	MARK	REVISIONS
M/E	09/09/25		
GEM	02/26/25		
GEM	09/25/24		
GEM	08/27/24		
GEM	07/09/24		
KJGEM	06/06/24		



REVISIONS		DATE		BY	
AS BUILT					
REVISED PER FUTURE C.R. W. 600 S. IMPROVEMENTS					
REVISED HANDCAP RAMP AT ENTRANCE TO S.S. BRADDELL					
REVISED PER REVIEW COMMENTS					
REVISED PER REVIEW COMMENTS					
UPDATED TO NEW DRAINAGE ORDINANCE					
KRG/GEM					

STOEPPELWERTH

ALWAYS ON

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phone: 317.849.5955 fax: 317.849.5992

INDIANA 811

Know what's below.
Call before you dig.

STORM PLAN & PROFILES

BAKER'S POINTE

SECTIONS 1A & AB

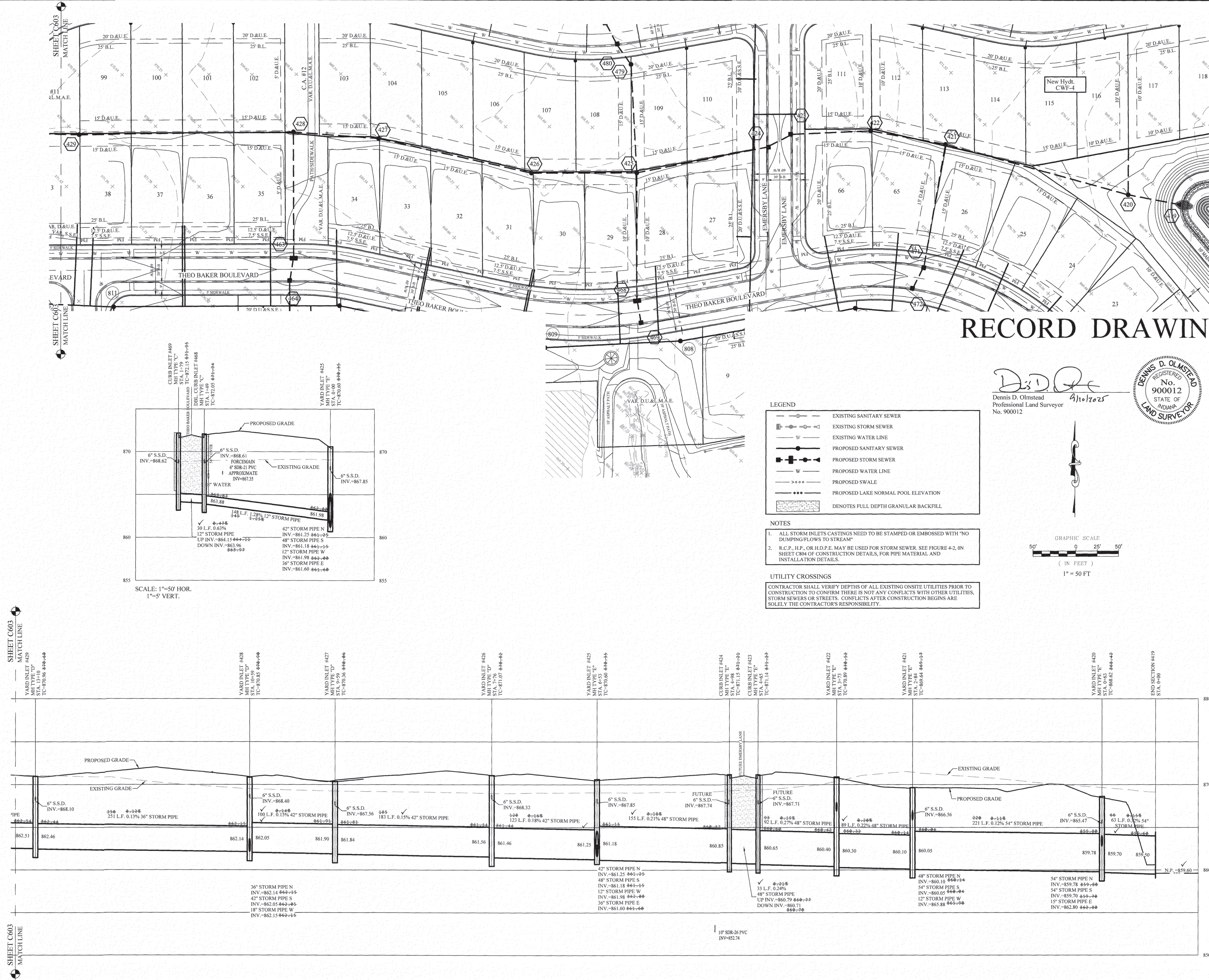
C601

S & A JOB NO. 105263DRH-S1

DRAWN BY: KJM/GEM
CHECKED BY: KRG
SHEET NO.

BRAN MILLER
REGISTERED
No. PE1200386
STATE OF INDIANA
PROFESSIONAL ENGINEER
CERTIFIED: 05/06/21

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A REPLACEMENT OR SUBSTITUTE FOR A SURVEYOR LOCATION REPORT.



RECORD DRAWING

Dennis D. Olmstead
Professional Land Surveyor
No. 900012



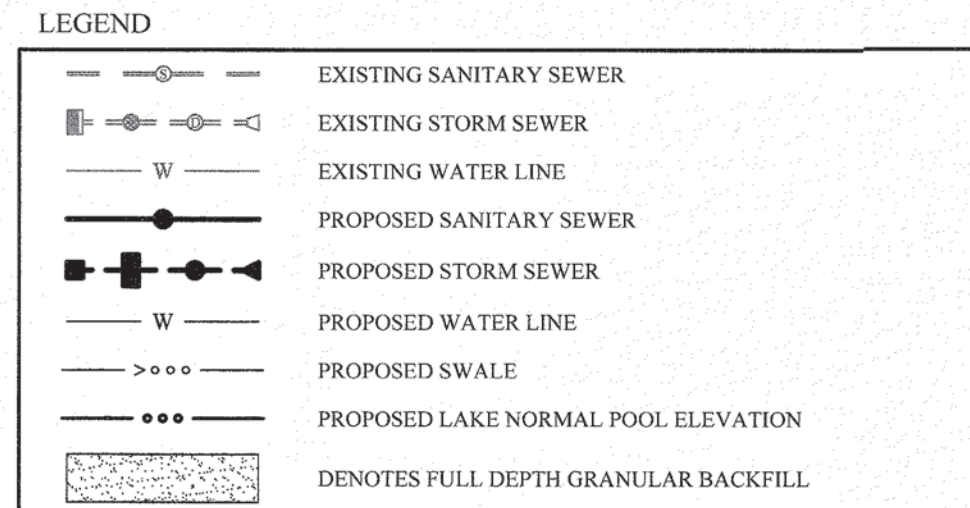
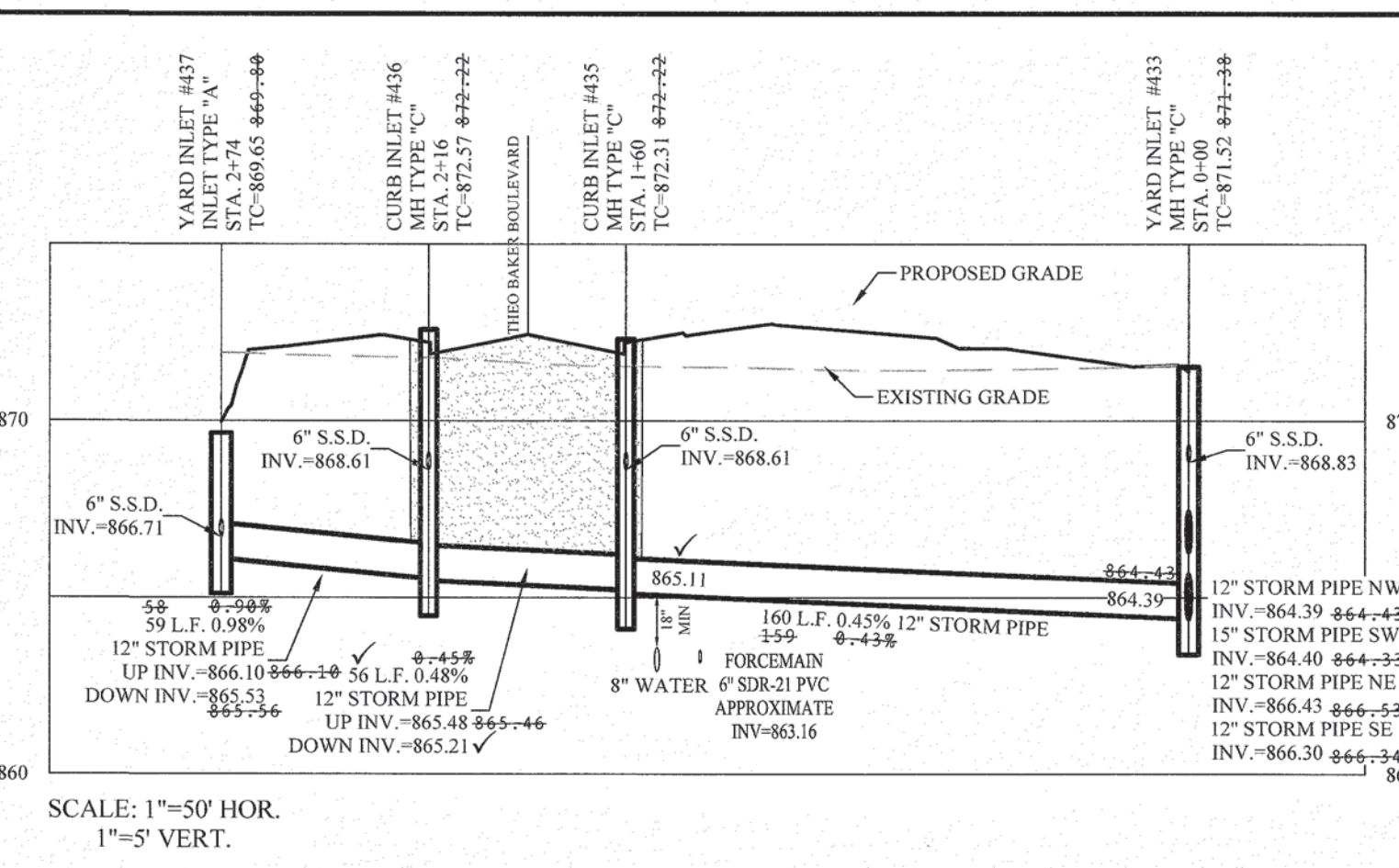
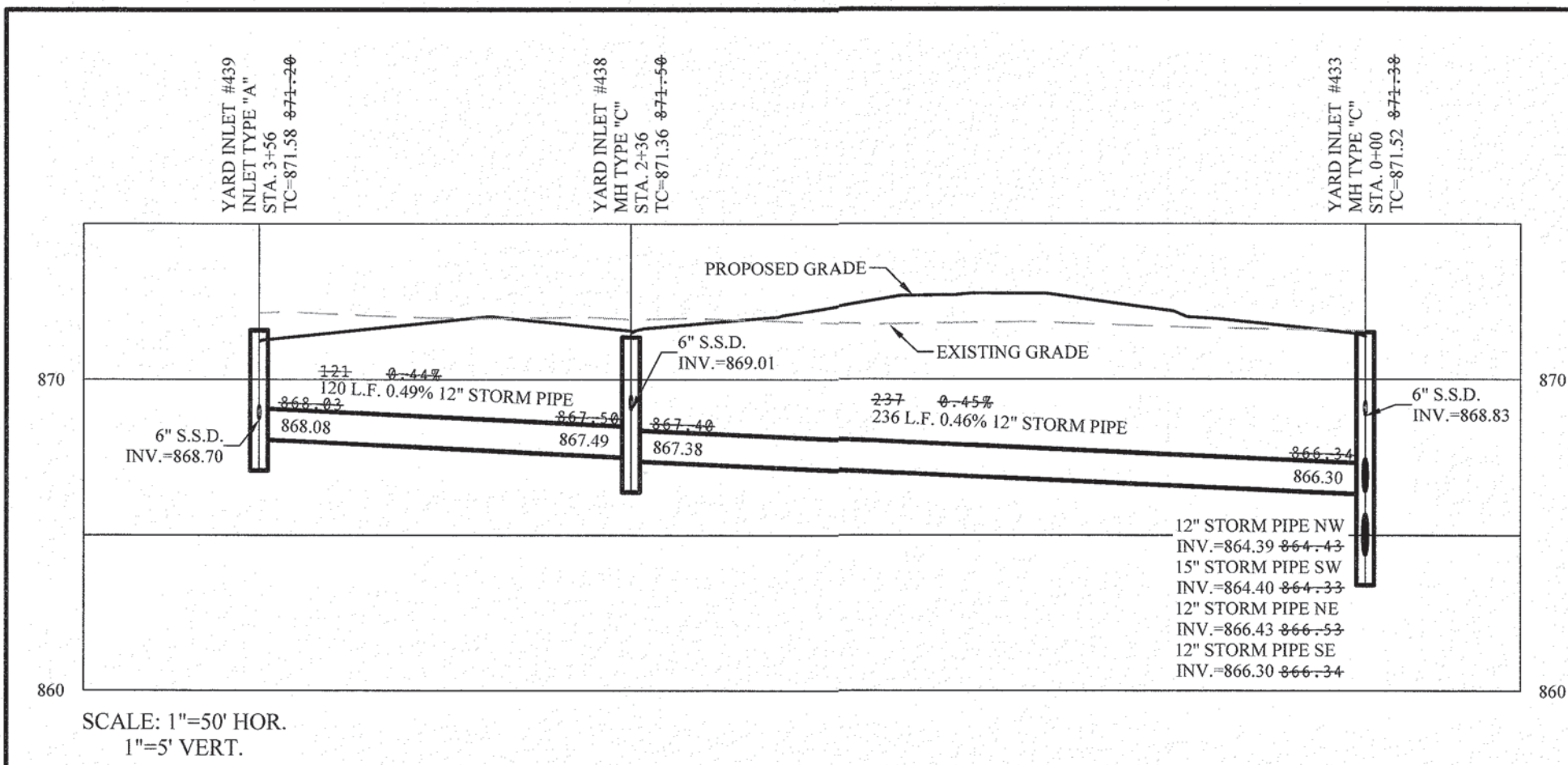
STOEPPELWERTH
ALWAYS ON
7965 East 10th Street, Fishers, IN 46038-2505
phone: 317.849.5935 fax: 317.849.5942

STORM PLAN & PROFILES
BAKER'S POINTE
SECTIONS 1A & AB
PENDLETON, FALL CREEK TOWNSHIP
MADISON COUNTY, INDIANA

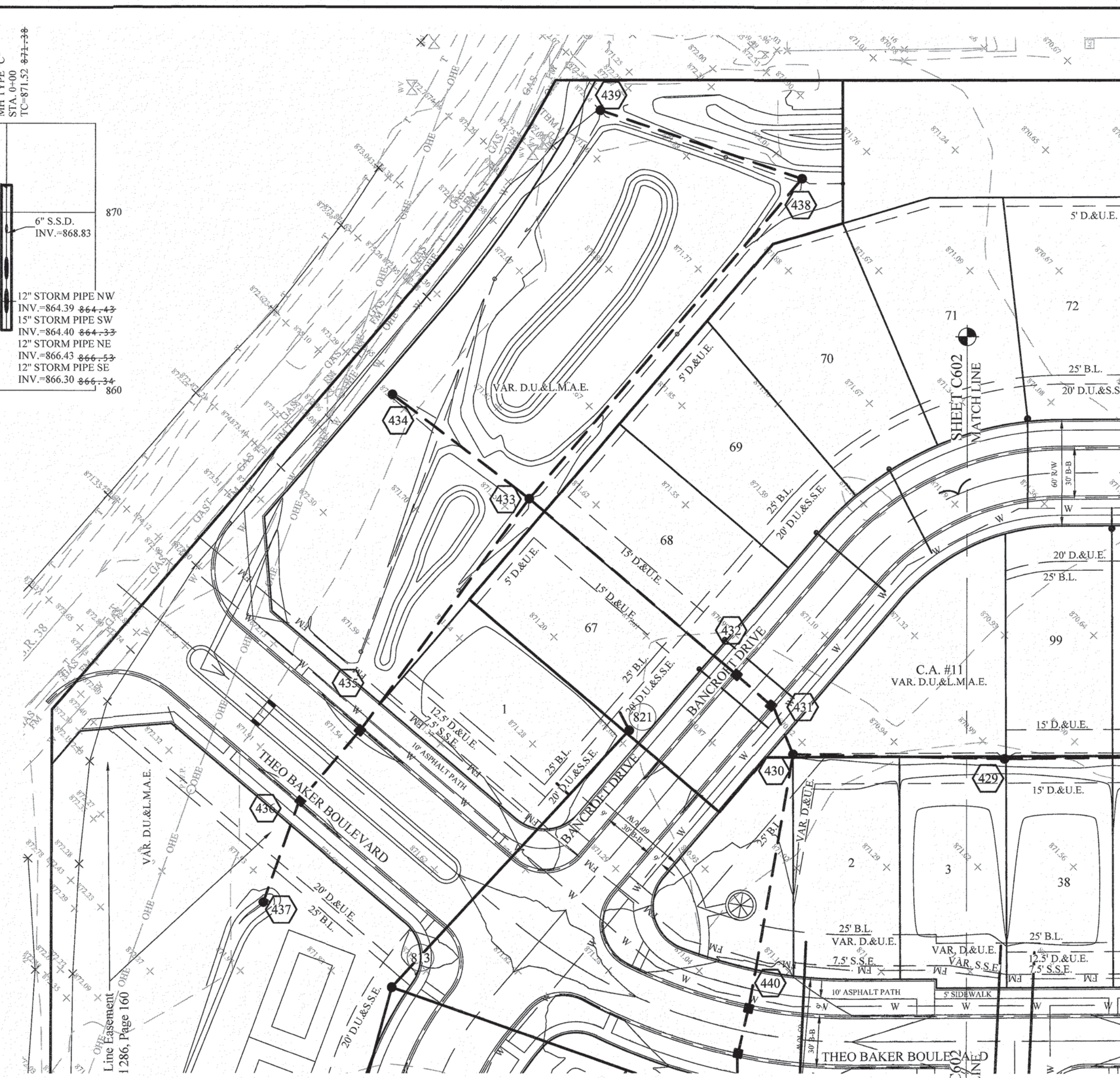
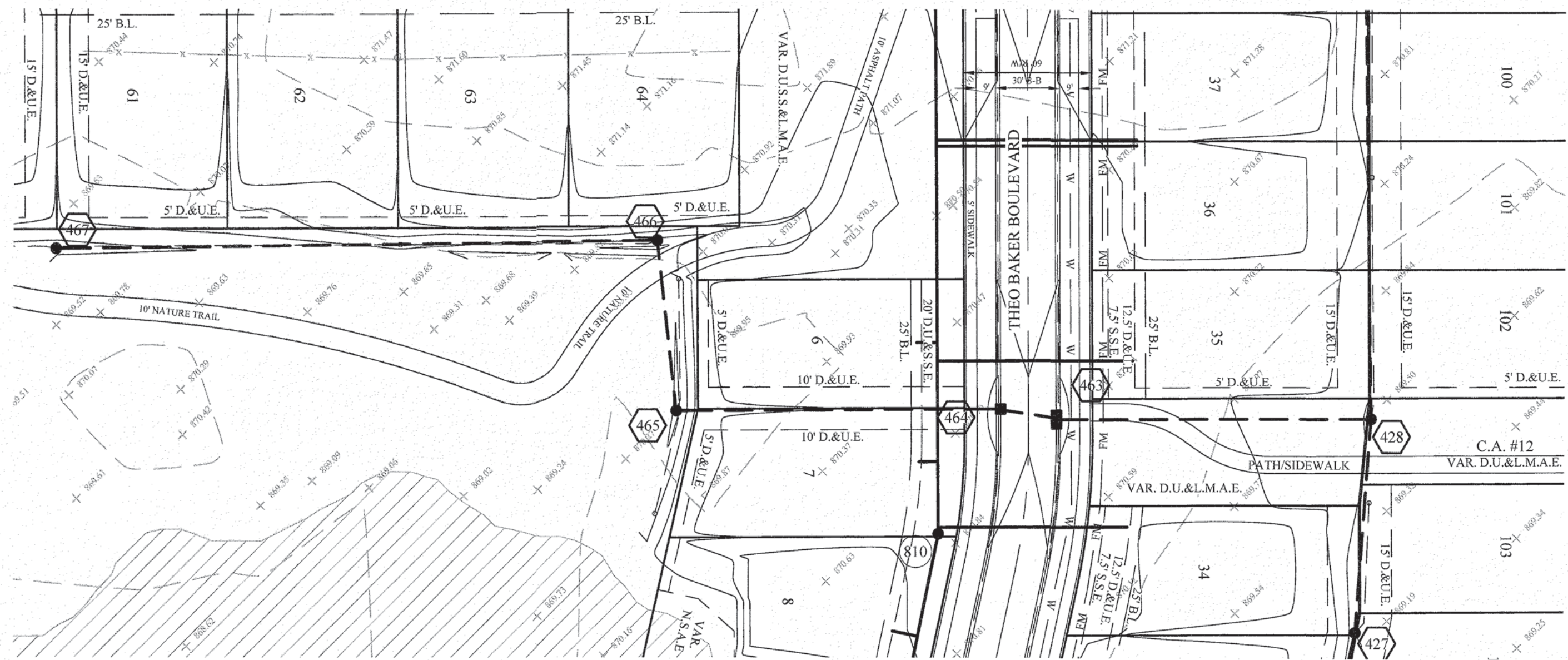
DRAWN BY: KJM/MRG
CHECKED BY: KRG
SHEET NO.
C602
S & A JOB NO.
105263DRH-S1

THIS DRAWING IS NOT INTENDED TO BE USED FOR ANY PURPOSES OTHER THAN THE ORIGINAL BOUNDARY SURVEY AND SITE REPORT.
CERTIFIED 05/06/24
No. PE11200386
STATE OF INDIANA
PROFESSIONAL ENGINEER
BRYAN MILLER
REGISTERED PROFESSIONAL ENGINEER

REVISIONS
DATE MARK
BY
09/09/25 AS BUILT
09/20/25 REVISED PER FUTURE C.R. W. 600 S. IMPROVEMENTS
09/20/25 REVISED PER FUTURE C.R. W. 600 S. IMPROVEMENTS
08/27/24 REVISED PER REVIEW COMMENTS
07/09/24 REVISED PER REVIEW COMMENTS
06/06/24 REVISED PER NEW DRAINAGE ORDINANCE
06/06/24 REVISED PER NEW DRAINAGE ORDINANCE



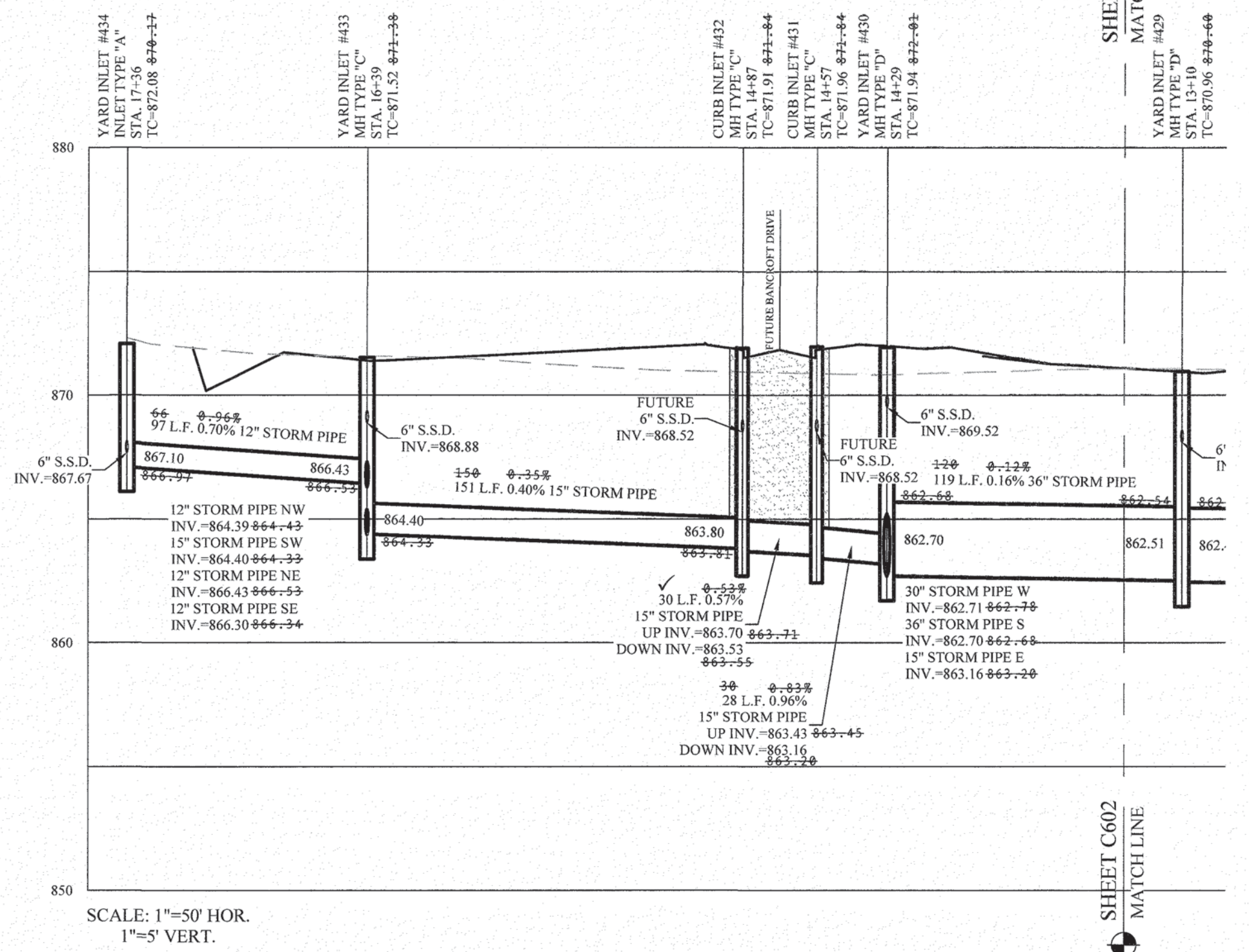
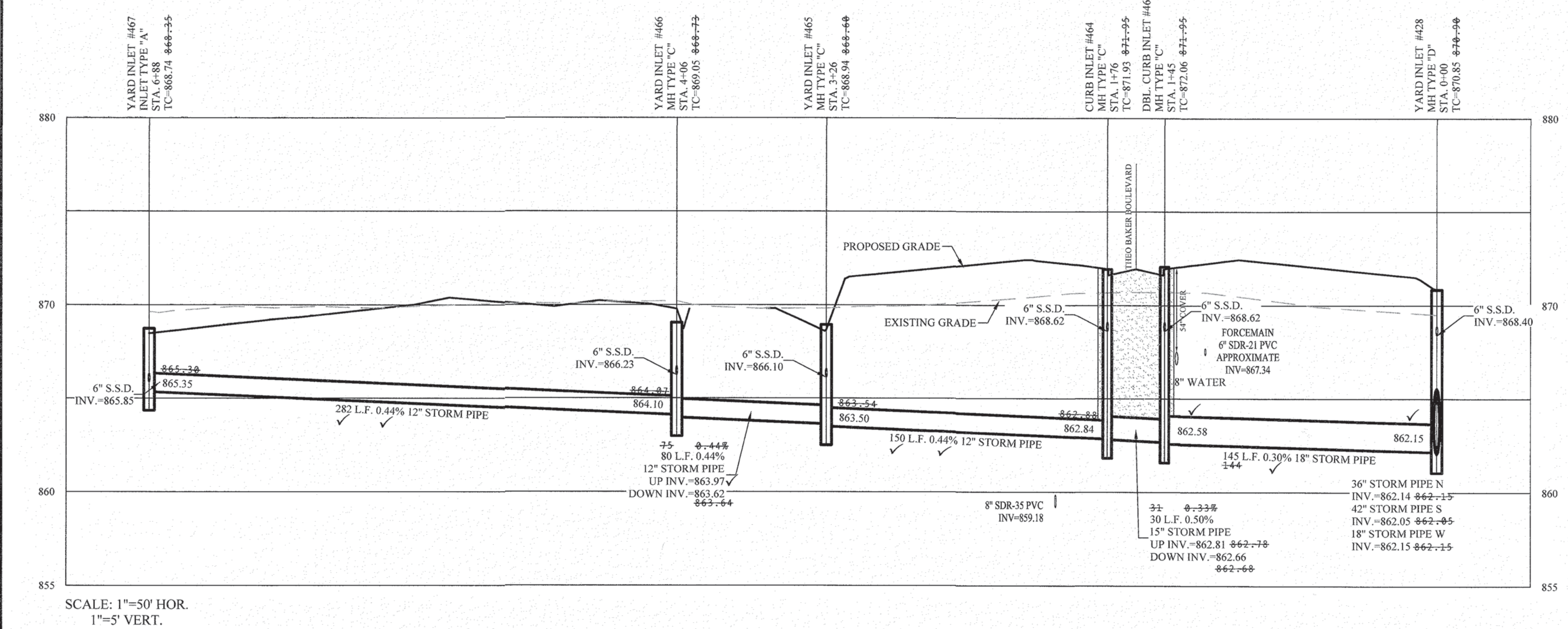
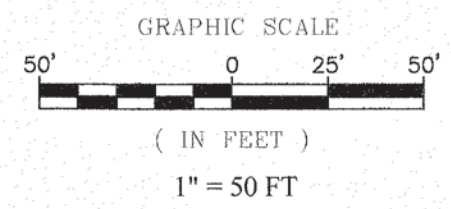
- NOTES**
1. ALL STORM INLETS CASTINGS NEED TO BE STAMPED OR EMBOSSED WITH "NO DUMPING/FLOWS TO STREAM"
 2. R.C.P., H.P., OR I.D.P.E. MAY BE USED FOR STORM SEWER. SEE FIGURE 4-2, ON SHEET C604 OF CONSTRUCTION DETAILS, FOR PIPE MATERIAL AND INSTALLATION DETAILS.
- UTILITY CROSSINGS**
- CONTRACTOR SHALL VERIFY DEPTHS OF ALL EXISTING ONSITE UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM THERE IS NOT ANY CONFLICTS WITH OTHER UTILITIES, STORM SEWERS OR STREETS. CONFLICTS AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.



RECORD DRAWING

D.D. OLMSTEAD
Dennis D. Olmstead
Professional Land Surveyor
No. 900012
9/11/2025

REGISTERED
No. 900012
STATE OF INDIANA
LAND SURVEYOR



STORM PLAN & PROFILES	
BAKER'S POINTE	
SECTIONS 1A & AB	
DRAWN BY: KJ/M/GEM	CHECKED BY: KRG
SHEET NO. C603	
S.A.A. FOR NO. 105263DRH-S1	

STOEPPELWERTH

REGISTERED PROFESSIONAL ENGINEER

No. PE1200386

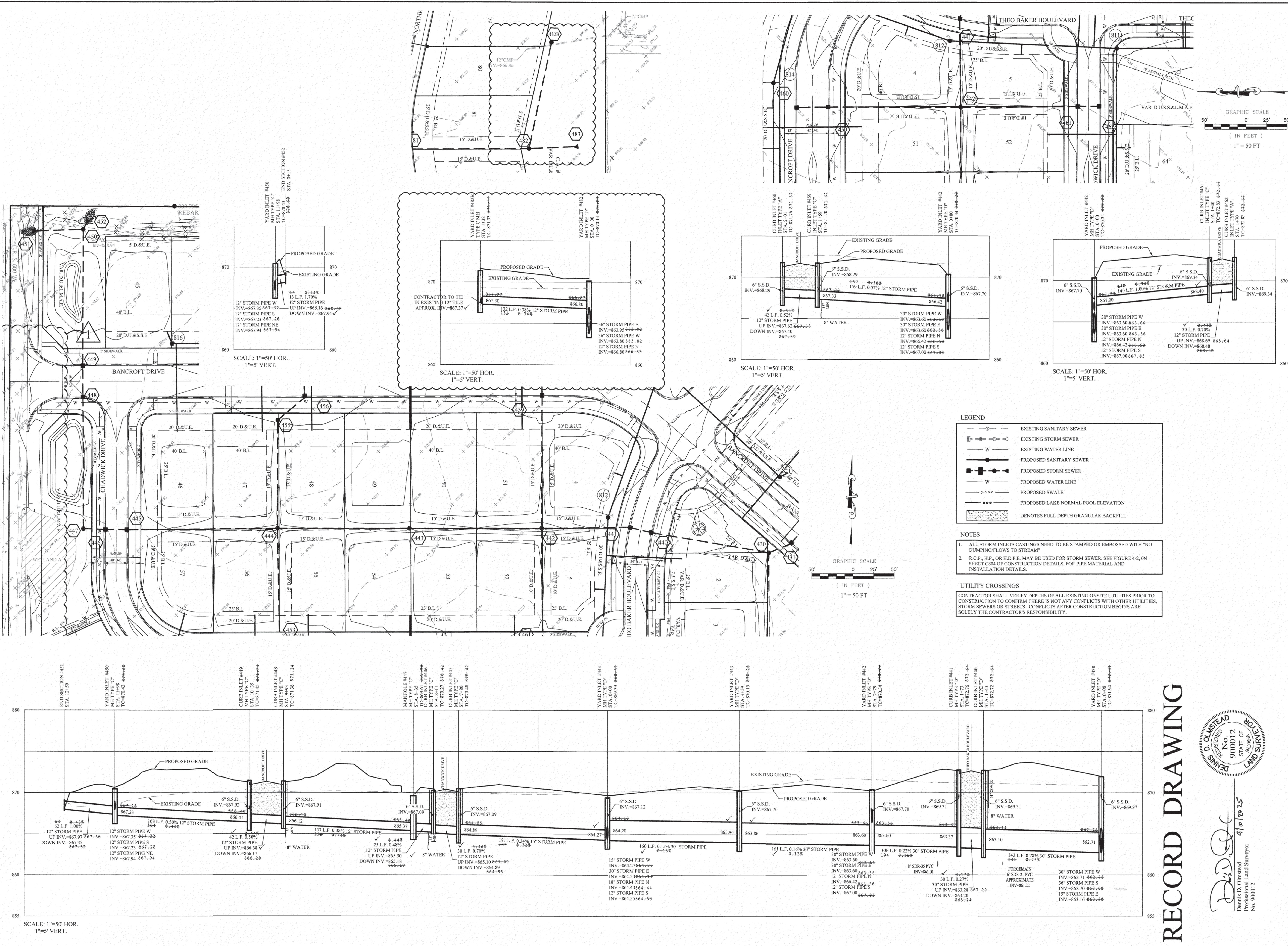
STATE OF INDIANA

CERTIFIED: 05/06/24

THIS DRAWING IS NOT INTENDED TO BE USED FOR ANY OTHER PURPOSES THAN THE ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.

7965 East 106th Street, Fishers, IN 46038-2505
phone: 317.849.5925 fax: 317.849.5942

DATE	REVISIONS	BY
08/06/25	AS BUILT	MJE
02/26/25	REVISED PER FUTURE C.A. W. 600 S. IMPROVEMENTS	GJM
09/25/24	REVISED PER REVIEW COMMENTS	GJM
08/27/24	REVISED PER REVIEW COMMENTS	GJM
07/09/24	REVISED PER REVIEW COMMENTS	GJM
06/06/24	UPDATED TO NEW DRAINAGE ORDINANCE	KEGEM



STORM PLAN & PROFILES

BAKER'S POINTE
SECTIONS 1A & AB

PENDLETON, FALL CREEK TOWNSHIP
MADISON COUNTY, INDIANA

DRAWN BY:
KJ/M/GEM

CHECKED BY:
KRG

SHEET NO.
C604

SCALE: 1"=50' HOR.
1"=5' VERT.

AS BUILT

NO. 105263DRH-S

DATE

MARK

BY

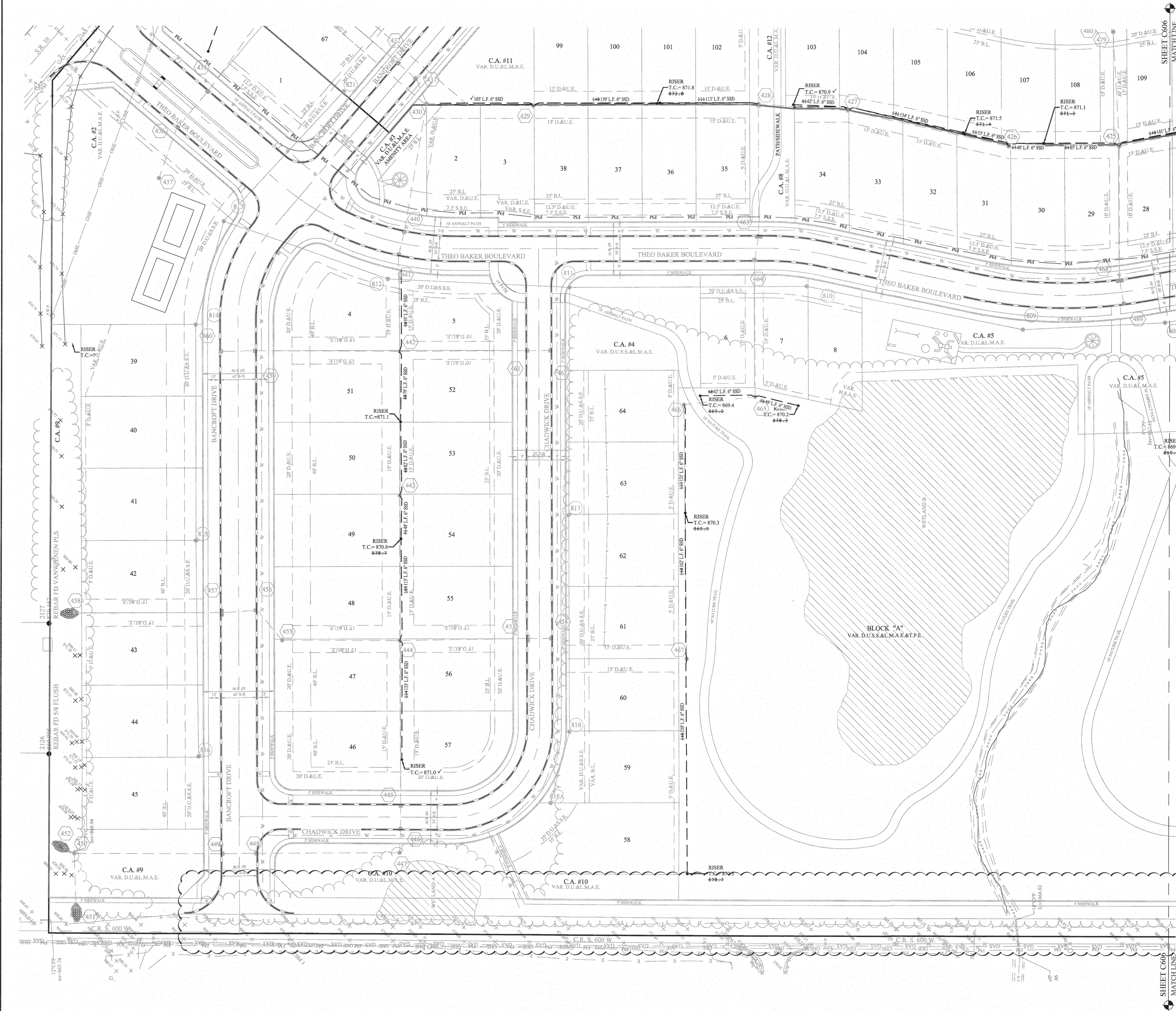
THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACTION OR ORIGINAL BOUNDARY SURVEY. A ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.

CERTIFIED: 05/06/24

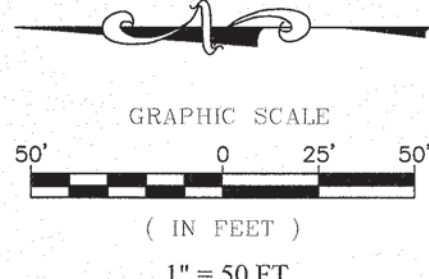
STOEPPELWERTH

ALWAYS ON

7965 East 106th Street, Fishers, IN 46038-2505
phone: 317.840.5935 fax: 317.840.5942

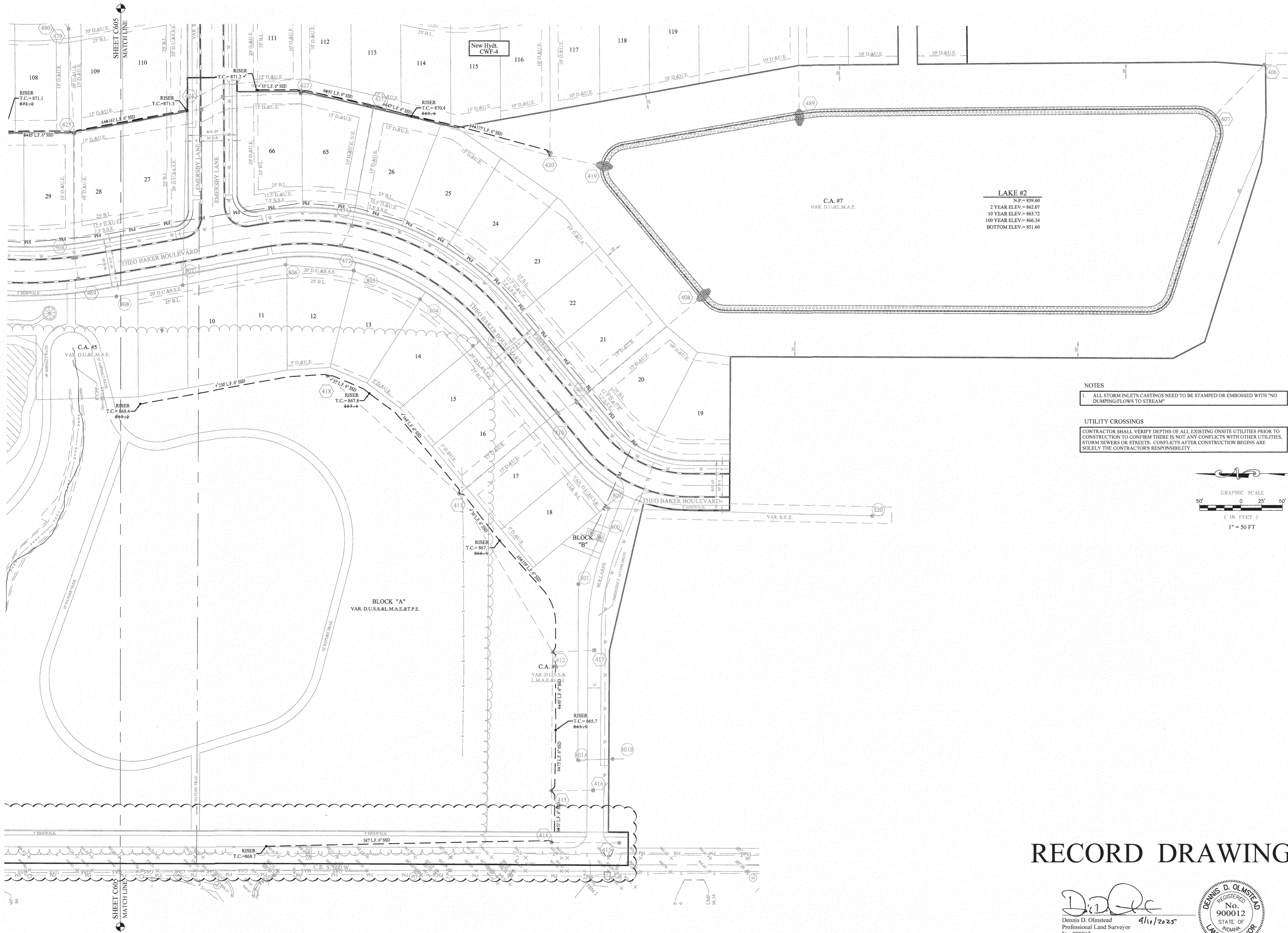


- NOTES
- ALL STORM INLETS CASTINGS NEED TO BE STAMPED OR EMBOSSED WITH "NO DUMPING/FLOWS TO STREAM"
- UTILITY CROSSINGS
- CONTRACTOR SHALL VERIFY DEPTHS OF ALL EXISTING ONSITE UTILITIES PRIOR TO CONSTRUCTION TO CONFIRM THERE IS NOT ANY CONFLICTS WITH OTHER UTILITIES, STORM SEWERS OR STREETS. CONFLICTS AFTER CONSTRUCTION BEGINS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.



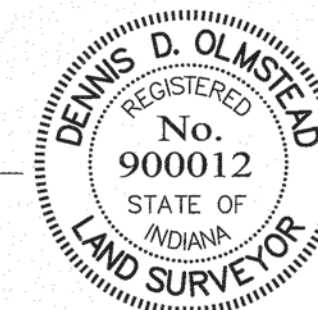
D.D. Onstead
Dennis D. Onstead
Professional Land Surveyor
No. 900012
9/10/2025

SUBSURFACE DRAIN PLAN		DRAWN BY: KJ/M/GEM		CHECKED BY: KRG	
BAKER'S POINTE SECTIONS 1A & AB		SHEET NO.		C605	
PENDLETON, FALL CREEK TOWNSHIP		MADISON COUNTY, INDIANA		S & A JOB NO. 105263DRH-S1	
STOEPPELWERTH		ALWAYS ON		CERTIFIED: 05/06/24	
7905 East 106th Street, Fishers, IN 46038-2505		phone: 317.849.5925		fax: 317.849.5942	
THIS DRAWING IS NOT INTENDED TO BE USED FOR ANY OTHER PURPOSES THAN THE ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY OR A SURVEYOR LOCATION REPORT.		D. MILLER		No. 900012	
REVISIONS		DATE		MARK	
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RECORD DRAWING

D.O.
Dennis D. Olmstead
Professional Land Surveyor
No. 900012
9/11/2025



SUBSURFACE DRAIN PLAN
BAKER'S POINTE
SECTIONS 1A & AB

DRAWN BY:
KJ/M/GEM
CHECKED BY:
KRG
SHEET NO.
C606
S & A JOB NO.
105263DRH-S1

PENDLETON, FALL CREEK TOWNSHIP
MADISON COUNTY, INDIANA

STOEPPELWERTH

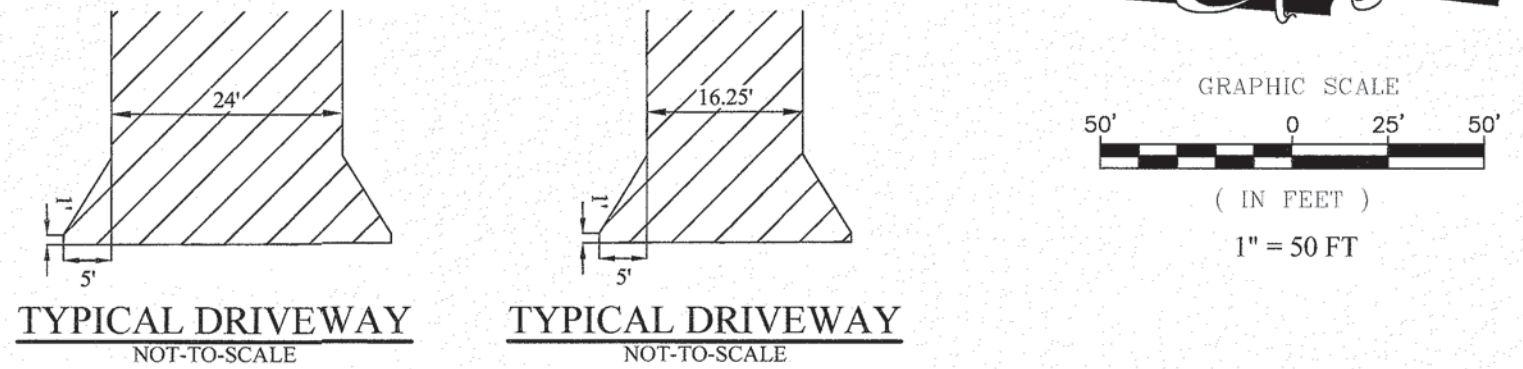
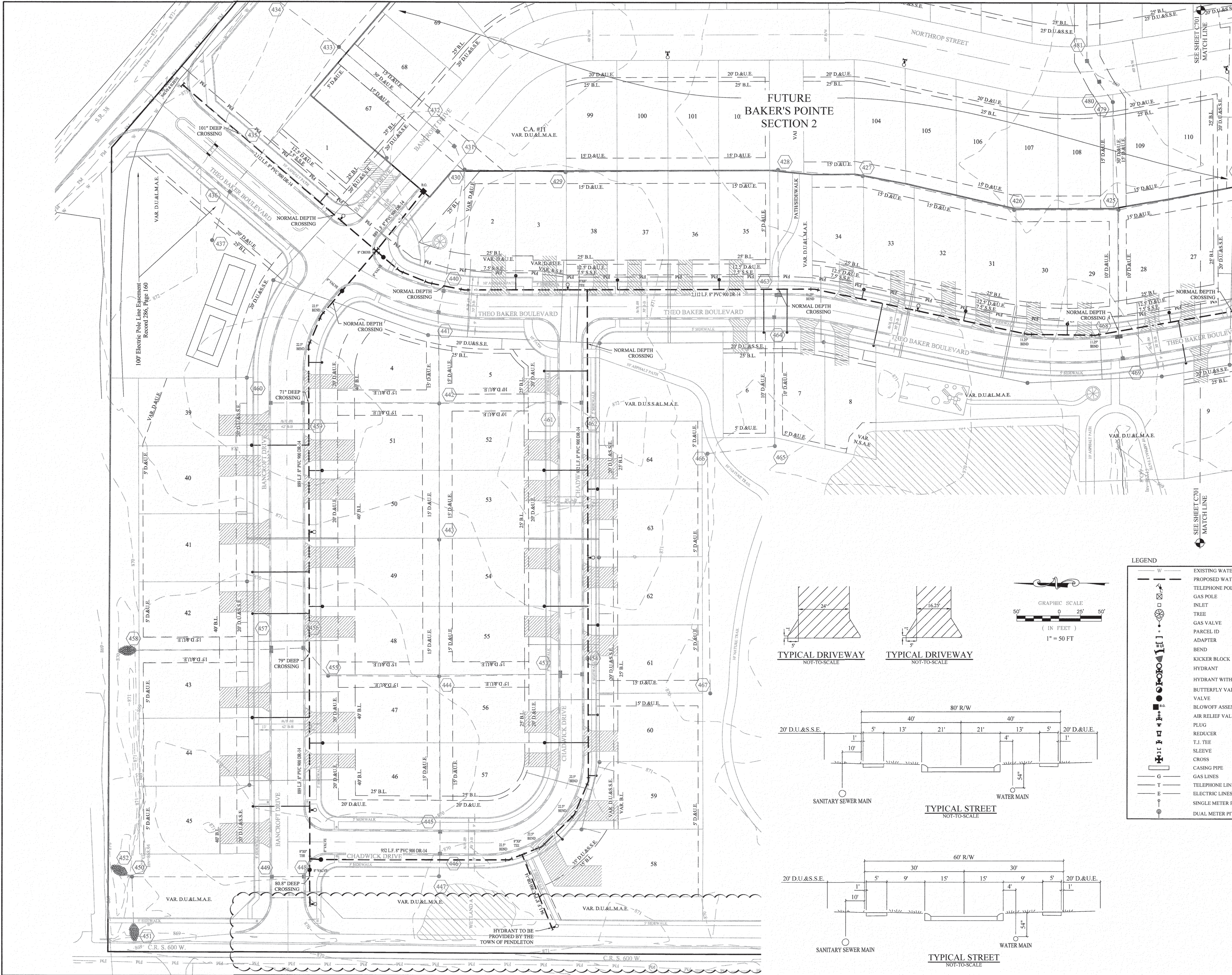
THIS DRAWING IS NOT INTENDED TO BE
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SURVEY OR A SURVEYOR LOCATION
REPORT.



CERTIFIED: 05/06/24
B.M.B.

ALWAYS ON
7905 East 10th Street, Fishers, IN 46038-2505
phone: 317.891.9295 fax: 317.891.9292

DATE	MARK	REVISIONS
09/09/25		AS BUILT
02/26/25		REVISED PER FUTURE C.R. W. 600 S. IMPROVEMENTS
09/25/24		REVISED HANDICAP RAMP COMMENTS
08/27/24		REVISED PER REVIEW COMMENTS
07/09/24		REVISED PER REVIEW COMMENTS
06/06/24		UPDATED TO NEW DRAINAGE ORDINANCE
		BY

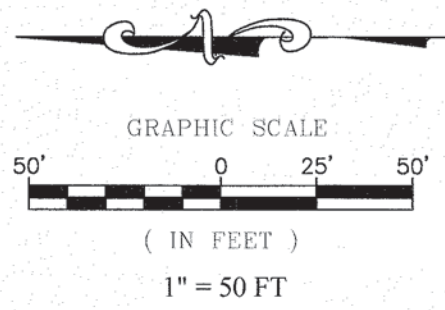
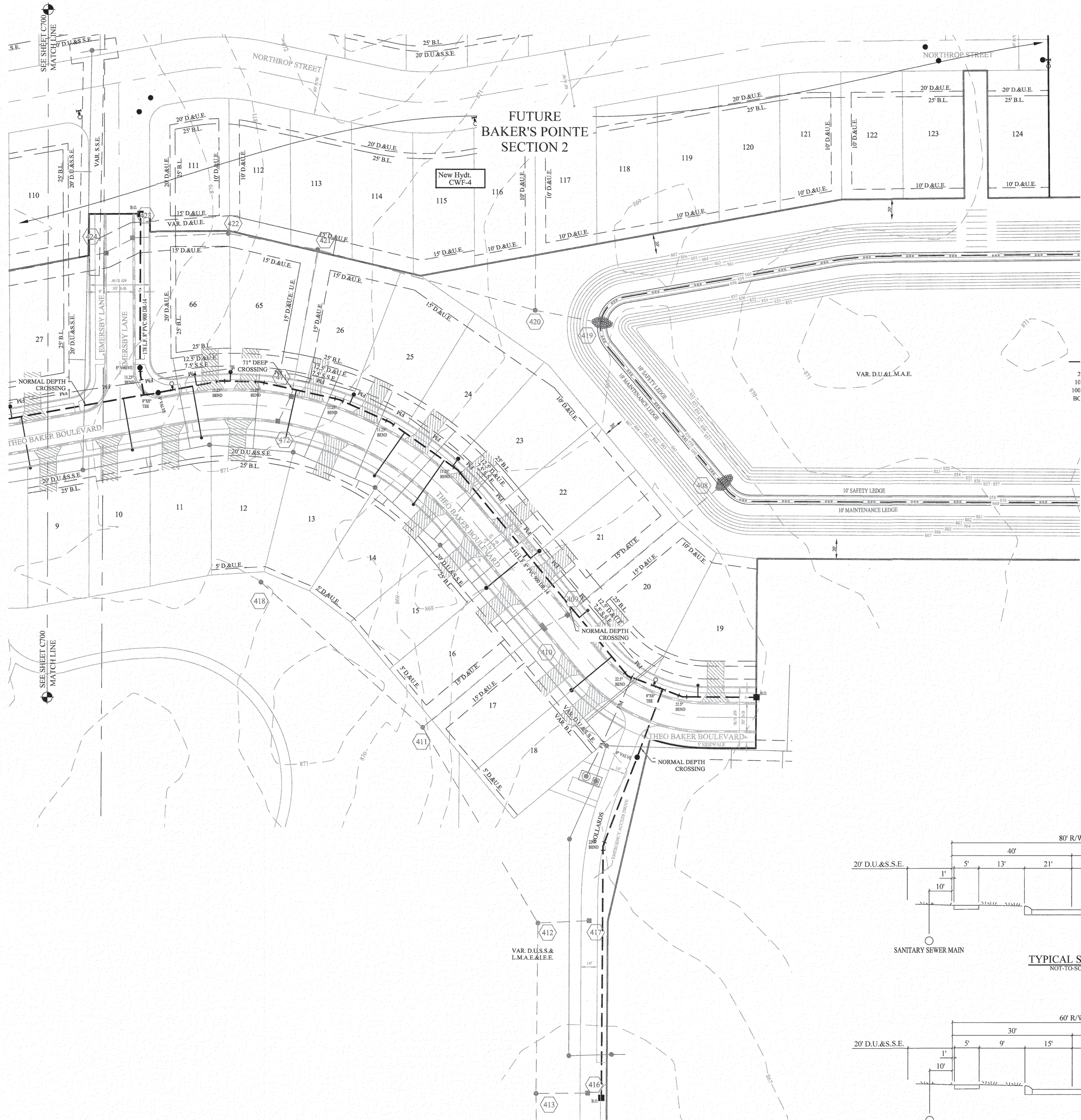


LEGEND	
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	TELEPHONE POLE
	GAS POLE
	INLET
	TREE
	GAS VALVE
	PARCEL ID
	ADAPTER
	BEND
	KICKER BLOCK
	HYDRANT
	HYDRANT WITH HYDRANT VALVE
	BUTTERFLY VALVE
	VALVE
	BLOWOFF ASSEMBLY
	AIR RELIEF VALVE
	PLUG
	REDUCER
	T.J. TEE
	SLEEVE
	CROSS
	CASING PIPE
	GAS LINES
	TELEPHONE LINES
	ELECTRIC LINES
	SINGLE METER PIT & WATER SERVICE LATERAL
	DUAL METER PIT & WATER SERVICE LATERAL

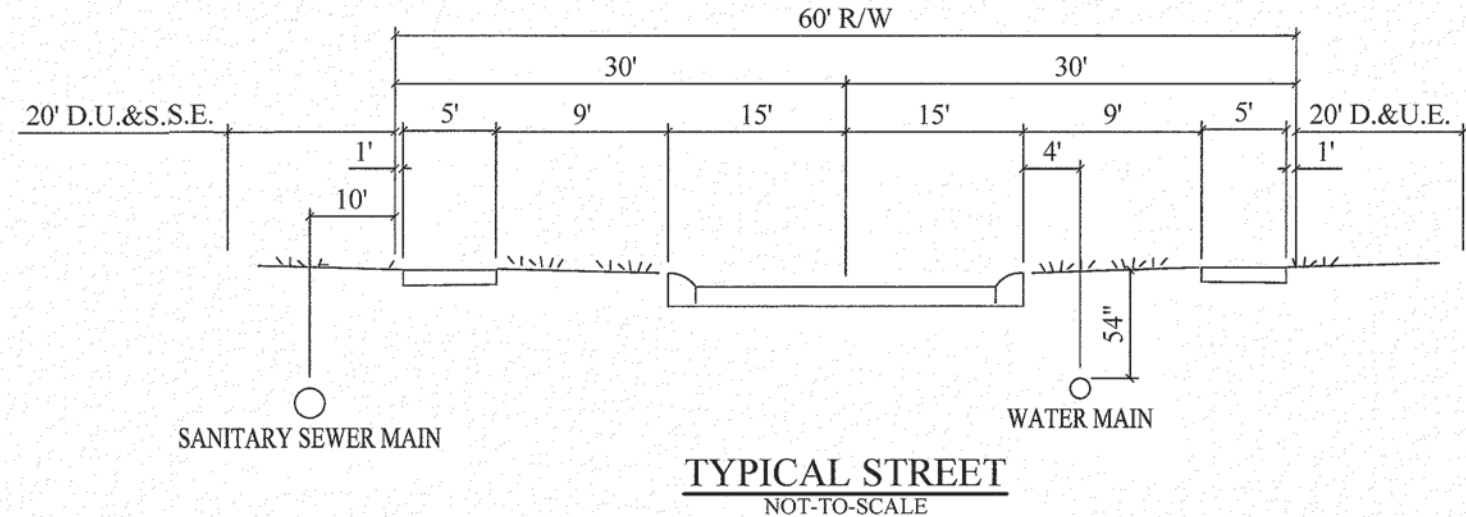
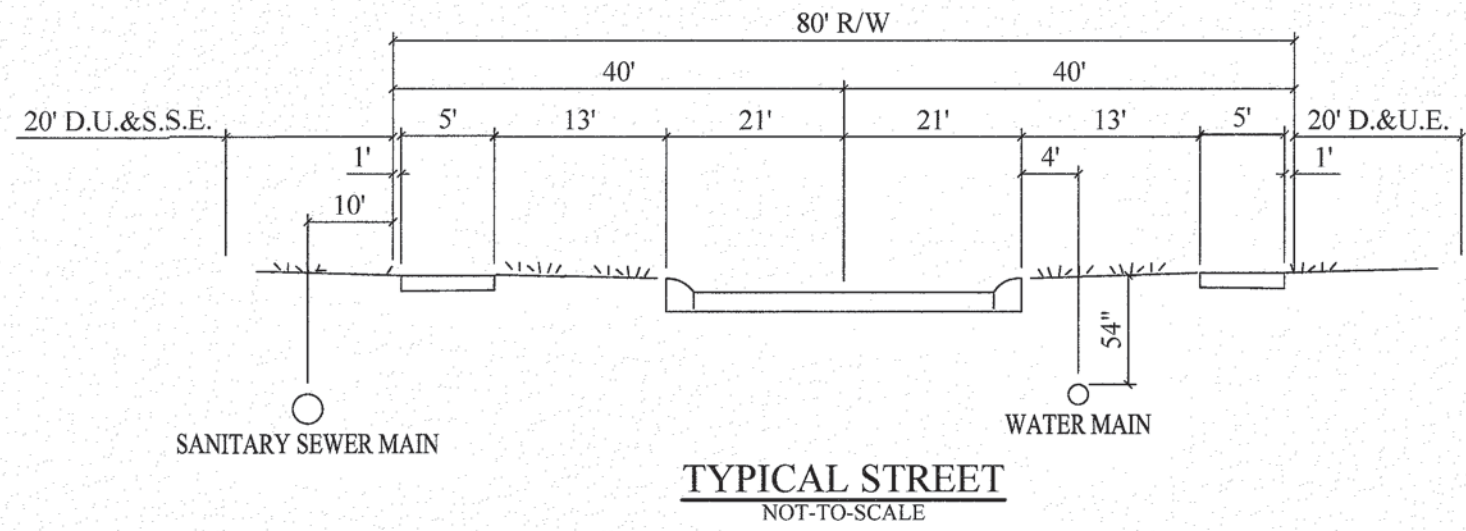
RECORD DRAWING

REGISTERED PROFESSIONAL LAND SURVEYOR
No. 900012
STATE OF INDIANA
Dennis D. Olmstead
Professional Land Surveyor
No. 900012
9/10/2025

STOEPPELWERTH		WATER PLAN	
ALWAYS ON		BAKER'S POINTE	
7945 East 10th Street, Fishers, IN 46038-2505 phone: 317.895.5252 fax: 317.895.5242		SECTIONS 1A & AB	
PENDLETON, FALL CREEK TOWNSHIP		MADISON COUNTY, INDIANA	
DRAWN BY: KJM/GEM	CHECKED BY: KRG	SHEET NO. C700	
S.S.A. JOB NO. 105263DRH-S1		BY	



LEGEND	
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	TELEPHONE POLE
	GAS POLE
	INLET
	TREE
	GAS VALVE
	PARCEL ID
	ADAPTER
	BEND
	KICKER BLOCK
	HYDRANT
	HYDRANT WITH HYDRANT VALVE
	BUTTERFLY VALVE
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	CASING PIPE
	GAS LINES
	TELEPHONE LINES
	ELECTRIC LINES
	SINGLE METER PIT & WATER SERVICE LATERAL
	DUAL METER PIT & WATER SERVICE LATERAL



RECORD DRAWING



Dennis D. Olmstead
Professional Land Surveyor
No. 900012
9/10/2025

STOEPPELWERTH		WATER PLAN	
ALWAYS ON		BAKER'S POINTE	
7945 East 10th Street, Fishers, IN 46038-2505 phone: 317.893.5925 fax: 317.893.5942		SECTIONS 1A & AB	
MADISON COUNTY, INDIANA		PENDLETON, FALL CREEK TOWNSHIP	
DRAWN BY: KJ/M/GEM		CHECKED BY: KRG	
SHEET NO. C701		SHEET NO. C701	
S & A FOR NO. 105263DRH-S1		S & A FOR NO. 105263DRH-S1	

File Name: S:\105263DRH-S1\DWG\C800 - Construction Details.dwg - C803
Modified / By: September 9, 2025 2:04:29 PM / mevans
Plotted / By: September 9, 2025 2:05:26 PM / Michael Evans

RECORD DRAWING

D. D. Olmstead
Dennis D. Olmstead
Professional Land Surveyor
No. 900012

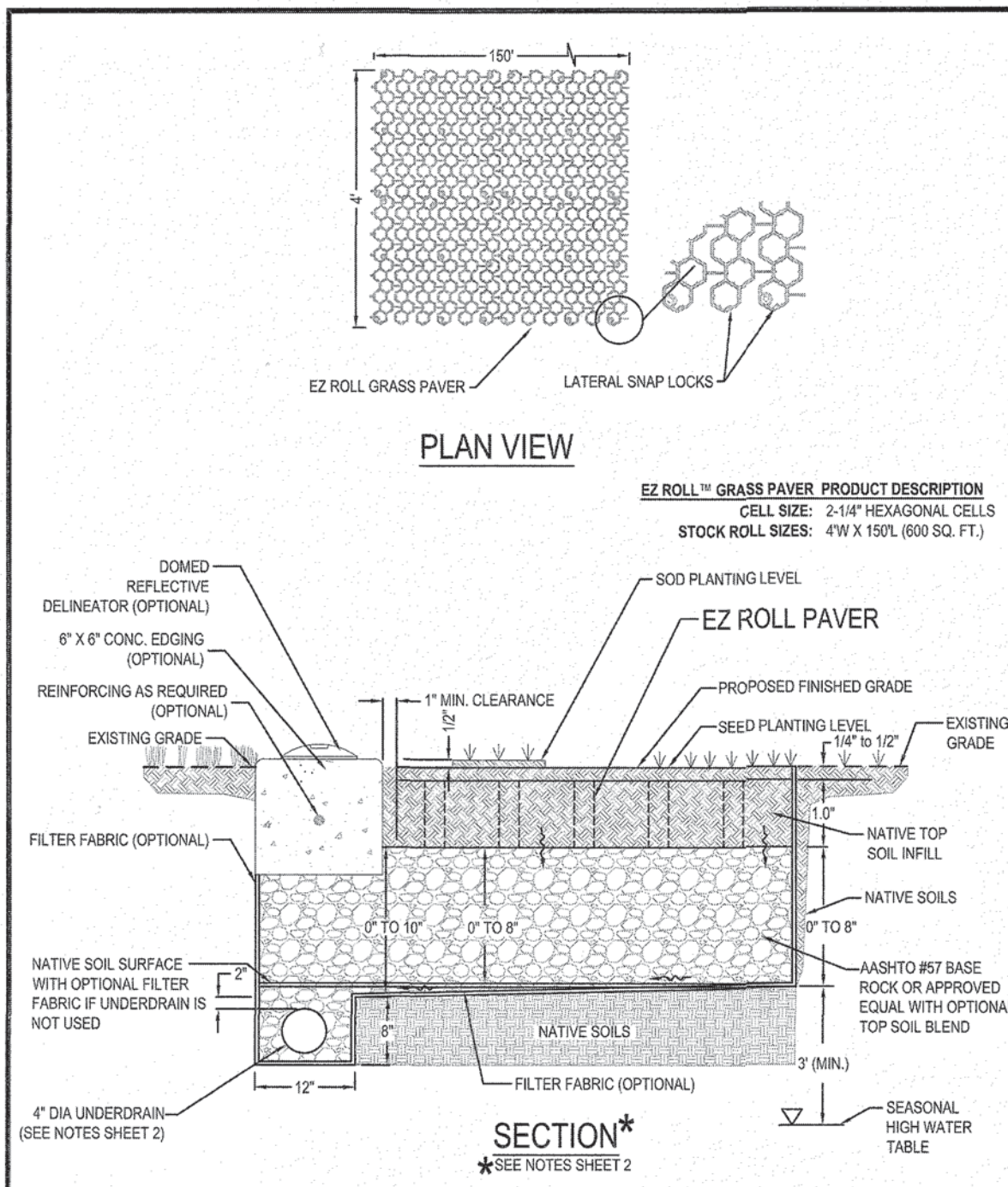


http://www.ndspro.com Call 1-888-825-4716
NDS ENGINEERED PERMEABLE PAVER GRASS SURFACE

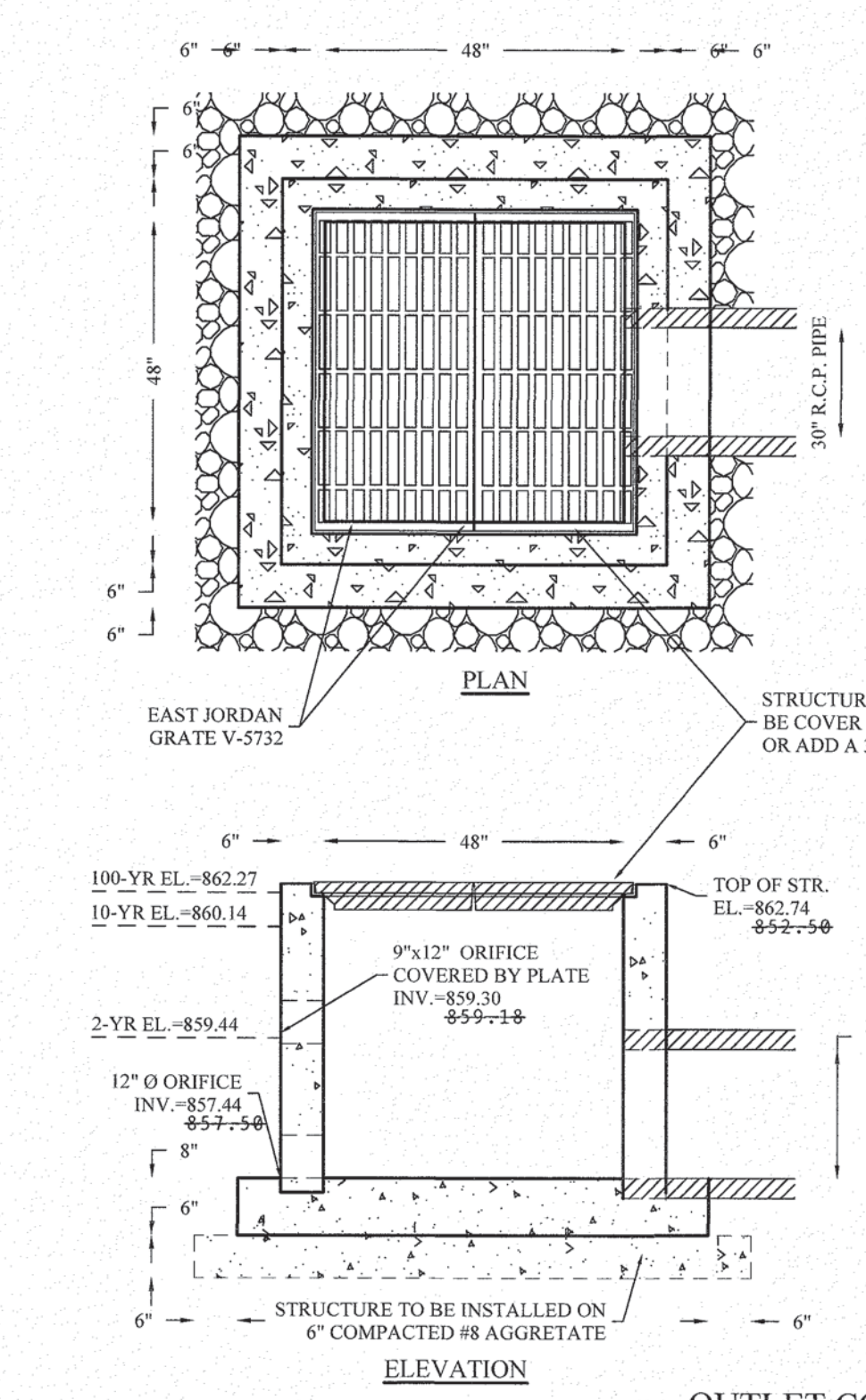
- NOTES:**
- ENGINEERING PROPERTIES:**
1. COMPRESSIVE STRENGTH OF EZ ROLL:
EMPTY PAVERS: ULTIMATE LOAD = 53,883 LBS / 373 PSI
FILLED PAVERS: ULTIMATE LOAD = 400,000 LBS
 2. TOP SOIL FILL:
NDS RECOMMENDS NATIVE TOP SOIL FOR BACKFILL INSIDE THE PAVERS.
3. EXTEND TOP SOIL INSIDE PAVES AN ADDITIONAL 1/4" TO 1/2" INCH ABOVE PAVES SURFACE AND MATCH SURROUNDING GRADE. PROPOSED FINISHED GRADE SLOPE PER PROJECT GRADING PLAN. PROTECT PAVES AREA UNTIL GRASS IS SUFFICIENTLY ESTABLISHED TO HANDLE TRAFFIC. PROVIDE 1" MINIMUM CLEARANCE BETWEEN ANY CONCRETE EDGE AND PAVES.
 4. GRASS PAVERS ARE TO BE USED FOR AREAS OF PEDESTRIAN USE, EROSION CONTROL, AND OCCASIONAL VEHICULAR TRAFFIC USE (E.G. OVERFLOW PARKING AND EMERGENCY/FIRE LANES).
- AASHTO #57 BASE ROCK:**
5. GRADATION OF AASHTO #57 COARSE BASE ROCK: 100% PASSING 1 1/2" SCREEN, 95-100% PASSING 3/4", 25-60% PASSING 1/2", AND 0-10% PASSING NO. 200 SIEVE.
 6. OPTIONAL: ADD POLYMERIZED NATIVE TOP SOIL EQUAL TO 15% OF TOTAL VOLUME. BLEND TO OBTAIN HOMOGENEOUS MIXTURE PRIOR TO PLACEMENT.
 7. THICKNESS OF AGGREGATE LAYER IS AS FOLLOWS: NO BASE REQUIRED FOR EROSION CONTROL AND PEDESTRIAN-ONLY LOADS (COMPACTION OF NATIVE SOIL RECOMMENDED FOR SLOPES UP TO 3%); 4 INCHES FOR LIGHT LOADS (GOLF CARTS); 6 INCHES FOR MEDIUM LOADS (CARS AND PICKUP TRUCKS); 8 INCHES FOR HEAVY LOADS (FIRE TRUCKS).
 8. COMPACT WITH ONE TO THREE PASSES OF 5-TON STEEL WHEEL ROLLER. SINCE IT IS DIFFICULT TO MEASURE DENSITY OF COARSE AGGREGATE, APPROACH OF REQUIRING A FIXED DENSITY IS NOT APPLICABLE.
- FILTER FABRIC (OPTIONAL):**
9. FILTER FABRIC MAY BE USED TO PREVENT MIGRATION OF FINES FROM SURROUNDING NATIVE SOILS INTO COARSE AGGREGATE LAYER. THE FABRIC PREVENTS CLOGGING OF AGGREGATE LAYER AND EXTENDS ITS USEFUL LIFE. USE OF FILTER FABRIC IS STRONGLY RECOMMENDED AROUND EDGE DRAIN.
 10. NDS RECOMMENDS NON-WOVEN NEEDLE-PUNCHED GEOTEXTILE. WOVEN GEOTEXTILES SHOULD NOT BE USED.
 11. USE FILTER FABRIC WITH ADS < 60 MM FOR NATIVE SOILS WITH 50% OR LESS PARTICLES BY WEIGHT PASSING NO. 200 SIEVE. USE FILTER FABRIC WITH ADS < 0.38 MM FOR NATIVE SOILS WITH 50% OR GREATER PARTICLES BY WEIGHT PASSING THE NO. 200 SIEVE.
- UNDERDRAIN:**
12. NDS RECOMMENDS UNDERDRAIN TO COLLECT PERCOLATED WATER AND CONVEY TO PROJECT STORMWATER FACILITY FOR NATIVE SOIL THAT IS NRCS HYDROLOGIC SOIL GROUP C OR D (LOW PERCOLATION RATE). UNDERDRAIN IS OPTIONAL FOR SOIL GROUP B (MODERATE INFILTRATION) AND CAN BE ELIMINATED FOR SOIL GROUP A (GOOD INFILTRATION).
 13. USE MINIMUM 1/4" INCH DIA PERFORATED PVC OR POLYETHYLENE PIPE AT 200-FI CENTERS. MINIMUM ONE PIPE. PIPE TO BE INSTALLED AT MINIMUM 0.5% SLOPE. RECOMMENDED 3/4" INCHES OF OPENING / LINEAR FOOT.
 14. UNDERDRAIN TO DAYLIGHT INTO PROJECT STORMWATER FACILITY (CATCH BASIN / OPEN CHANNEL / BASIN).
 15. INVERT OF PIPE RECOMMENDED TO BE ABOVE PROJECT HIGH WATER LEVEL. TO PREVENT BACKFLOW OF WATER INTO PAVES SYSTEM. UNDERDRAIN TO BE SURROUNDED BY 4" OF AASHTO #57 COARSE AGGREGATE, WITH MIN. 2" BEDDING.
- SUBGRADE NATIVE SOIL:**
16. COMPACT SUBGRADE NATIVE SOILS TO 95% STANDARD PROCTOR DENSITY PER ASTM D698 FOR SOILS WITH CALIFORNIA BEARING RATIO > 20%, R VALUE > 30, AASHTO A-1, A-2, AND A-3 SOILS.
 17. NDS RECOMMENDS THAT ENGINEER-OF-RECORD CONSIDER HIGHER LEVEL OF COMPACTION FOR CBR > 5 TO 20%, R VALUE 10 TO 30, AASHTO A-4 SOILS FOR HEAVY LOADS WHERE INFILTRATION INTO NATIVE SOILS IS NOT A REQUIREMENT.
 18. NDS RECOMMENDS THAT ENGINEER-OF-RECORD CONSULT WITH PROJECT GEOLOGICAL ENGINEER FOR POTENTIAL SOIL MODIFICATION (E.G. LIME TREATMENT) AND COMPACTION LEVEL FOR CBR < 5% AND R VALUE < 10, AASHTO A-5, A-6, AND A-7 SOILS.

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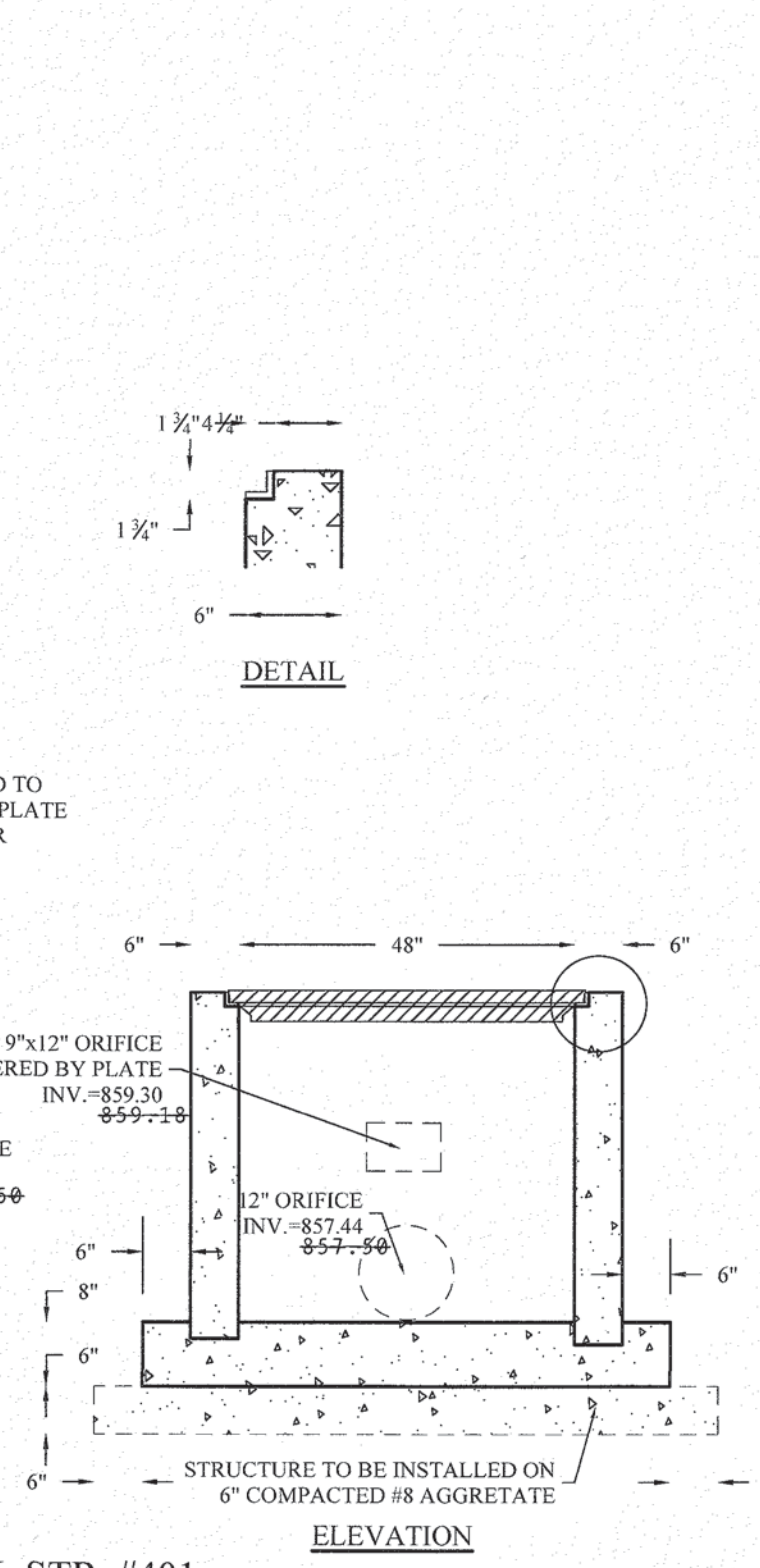
http://www.ndspro.com Call 1-888-825-4716
NDS ENGINEERED PERMEABLE PAVER GRASS SURFACE



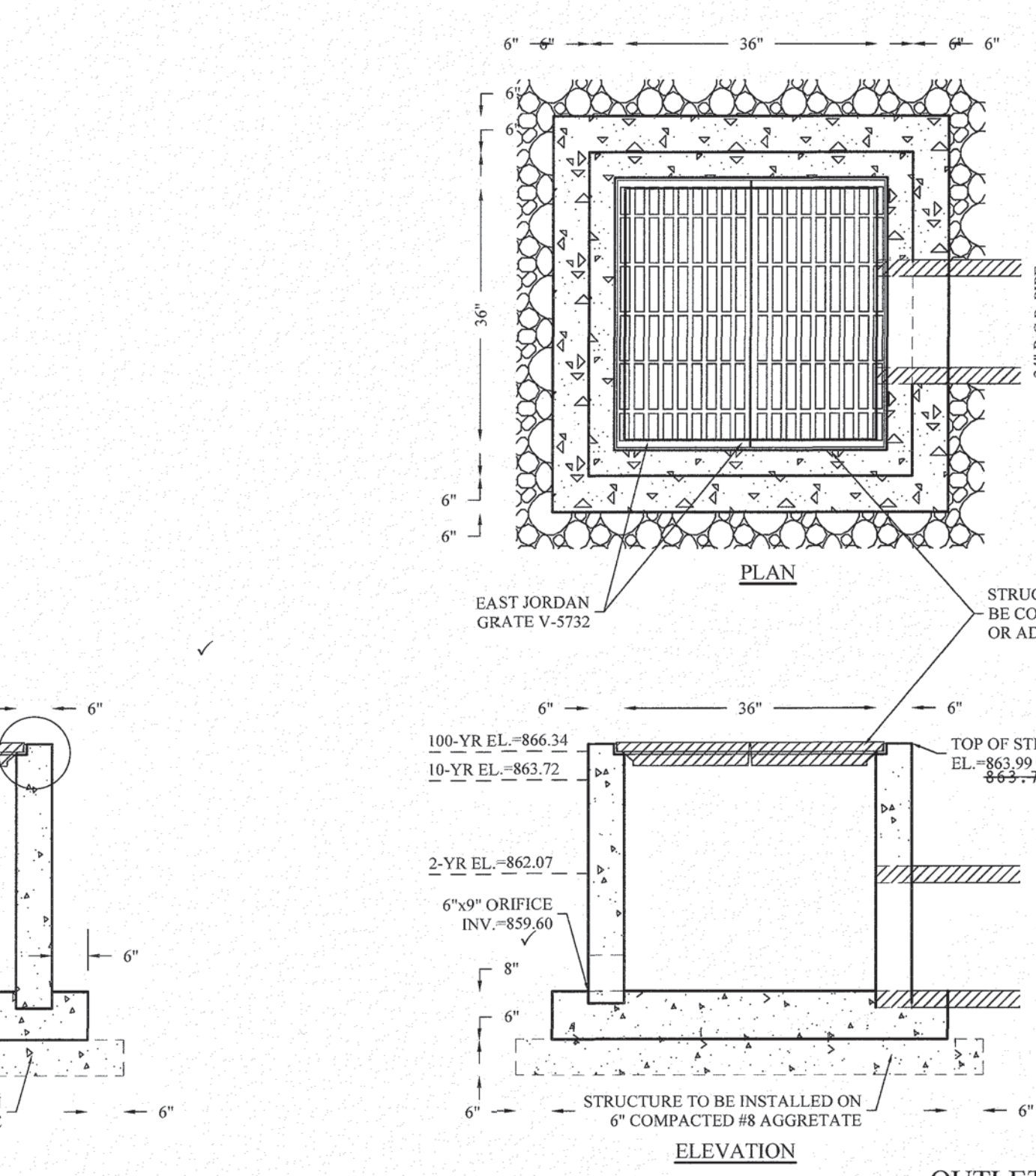
1 of 2



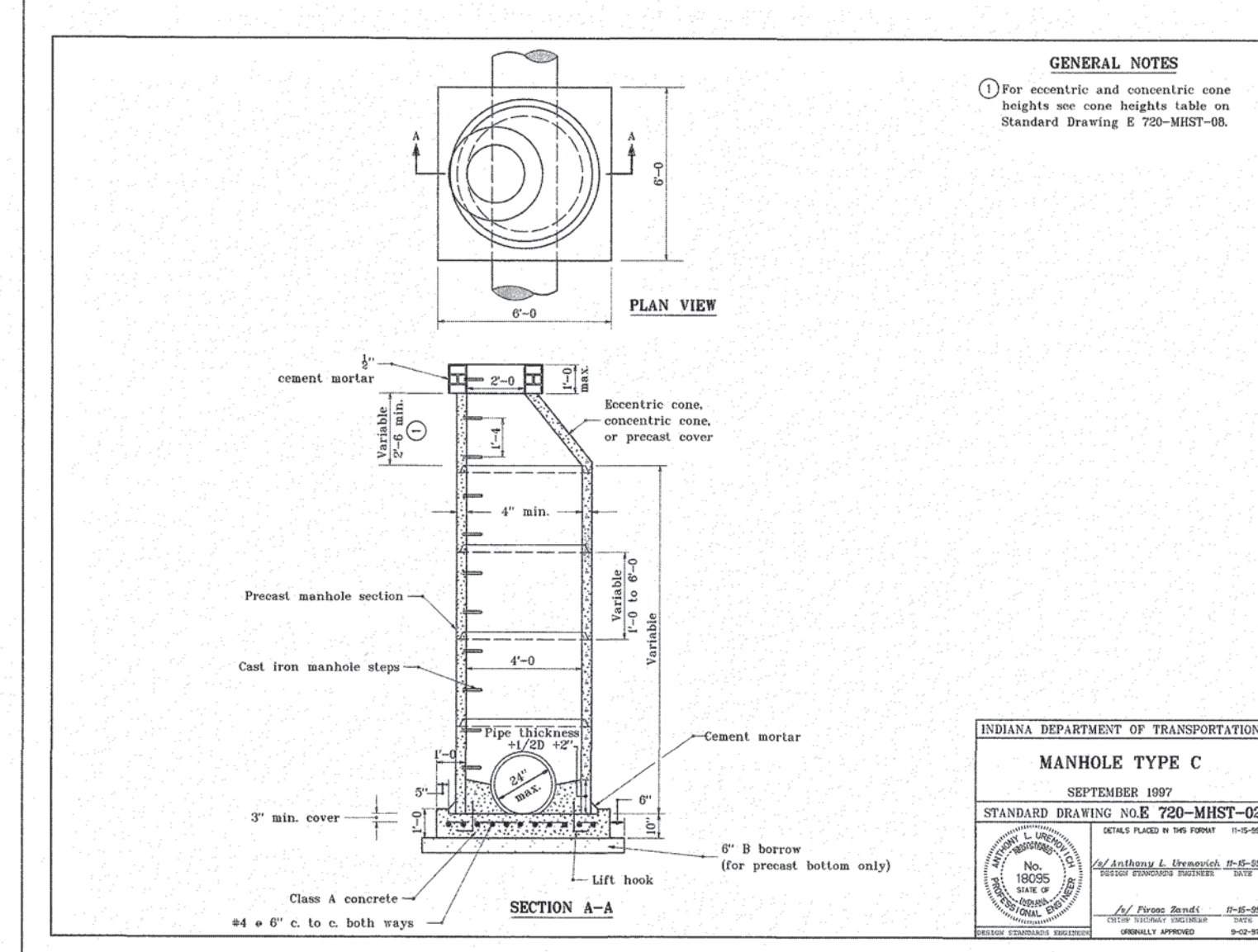
OUTLET CONTROL STR. #401
(LAKE #1)
NOT-TO-SCALE



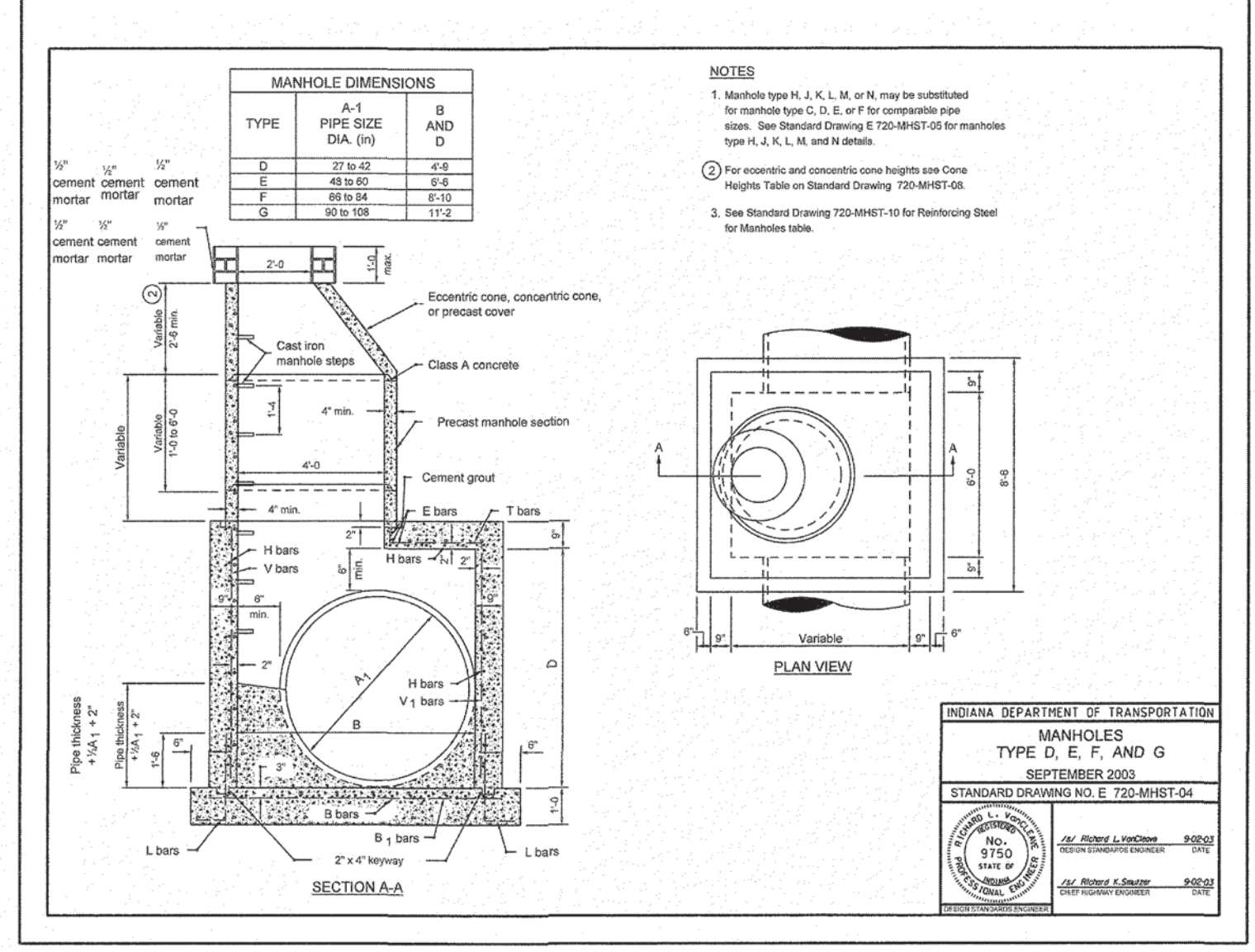
OUTLET CONTROL STR. #402
(LAKE #2)
NOT-TO-SCALE



OUTLET CONTROL STR. #403
(LAKE #3)
NOT-TO-SCALE



MANHOLE TYPE C
SEPTEMBER 1997
STANDARD DRAWING NO. E 720-MIST-02



MANHOLES
TYPE D, E, F, AND G
SEPTEMBER 2003
STANDARD DRAWING NO. E 720-MIST-04

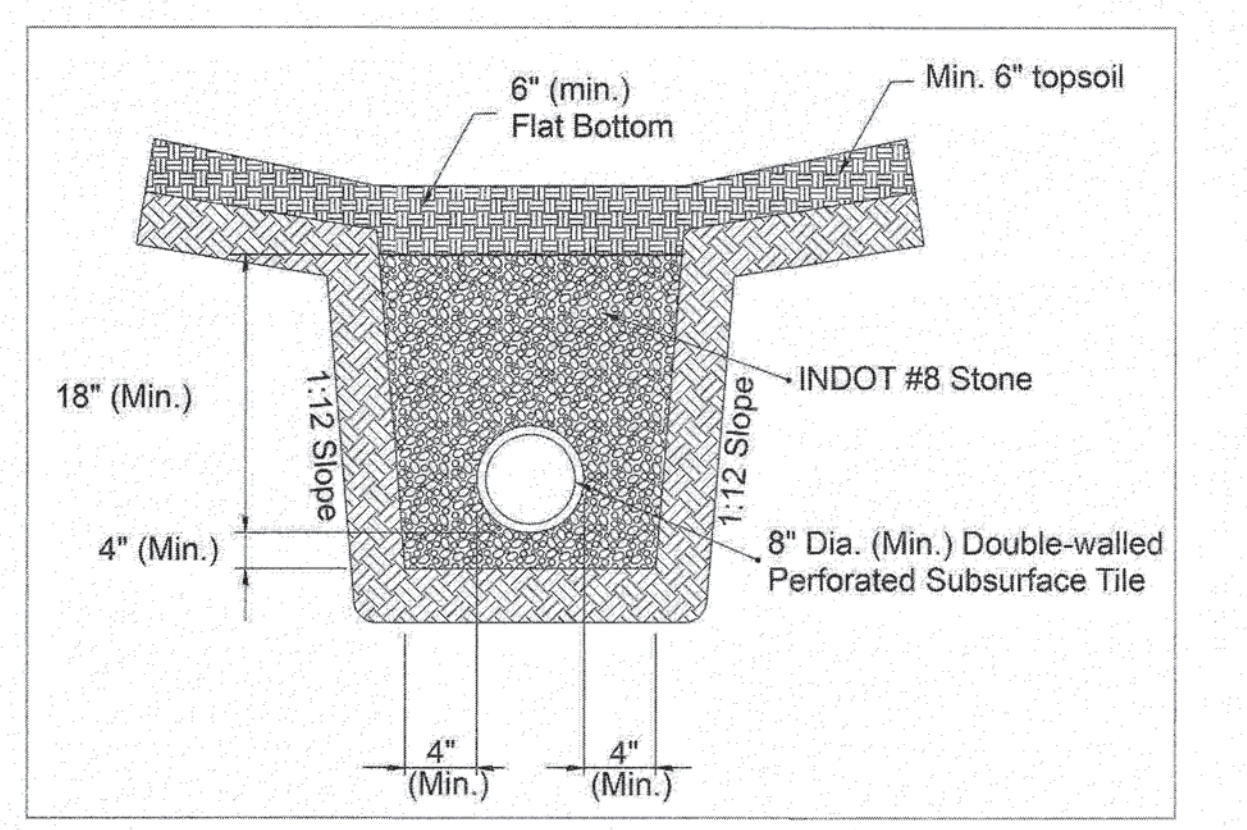


FIGURE 4-3
Bedding and Backfill Standards for Sub-drains under Swales

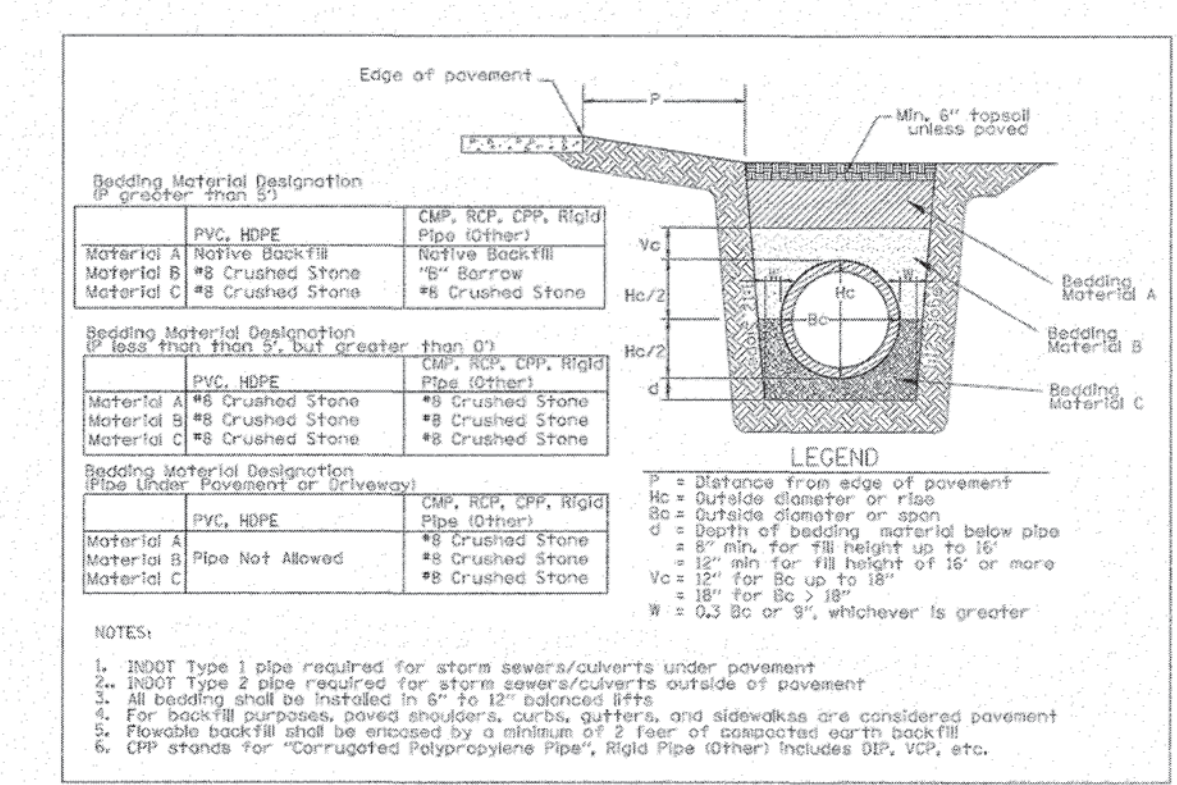
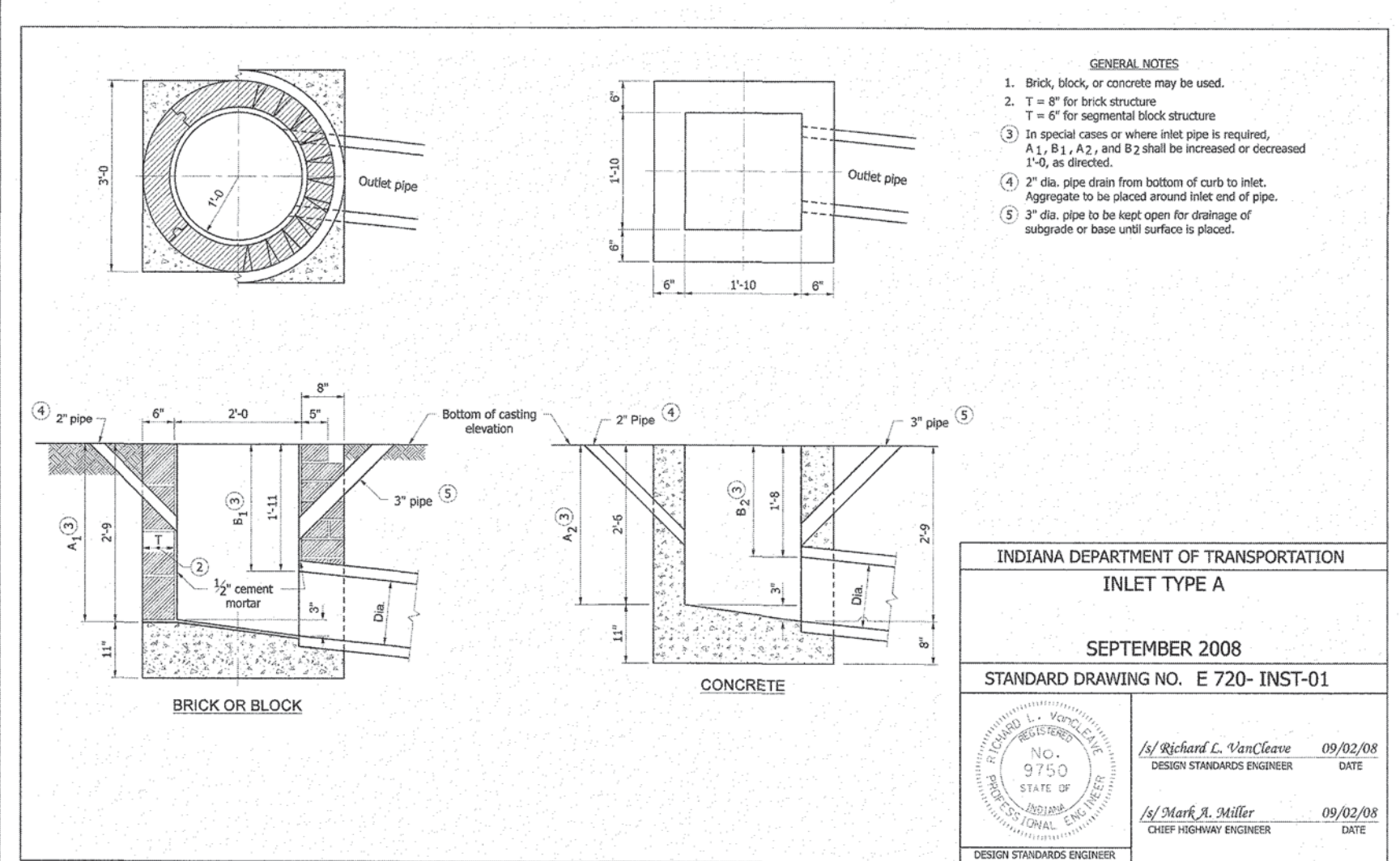
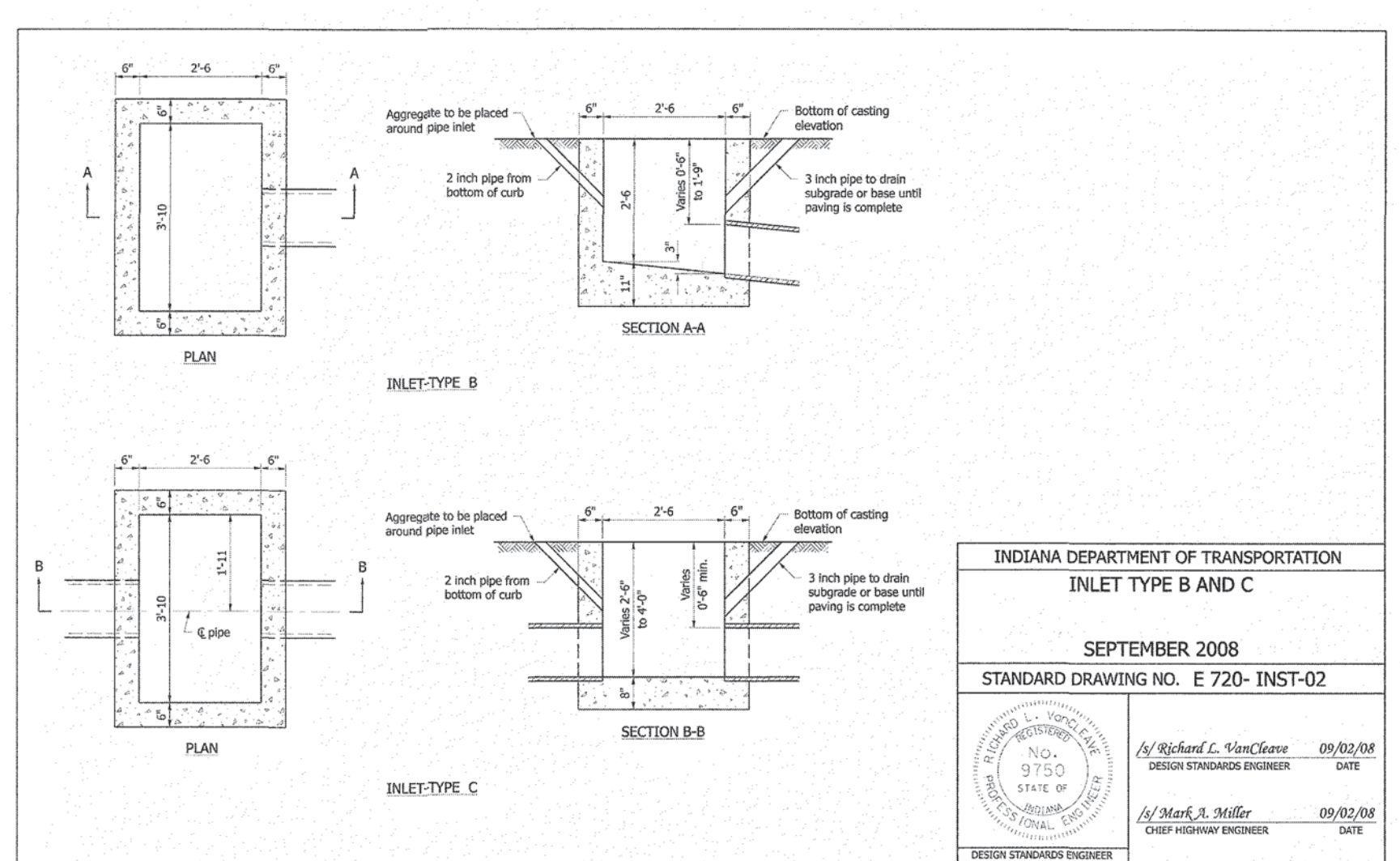


FIGURE 4-2
Bedding and Backfill Standards for Storm Sewers



INLET TYPE A
SEPTEMBER 2008
STANDARD DRAWING NO. E 720-INST-01



INLET TYPE B AND C
SEPTEMBER 2008
STANDARD DRAWING NO. E 720-INST-02

J. MATERIALS

Storm sewer manholes and inlets shall be constructed of cast in place concrete or pre-cast reinforced concrete. Material and construction shall conform to the latest edition of the Indiana Department of Transportation (INDOT) "Standard Specifications", Sections 702 and 720.

Pipe and fittings used in storm sewer construction shall conform to the latest edition of the INDOT "Standard Specifications", Section 907 and 908. In addition, ductile iron pipe and fittings shall conform to AWWA C-151. Polyethylene pipe used for private storm sewers shall conform to ASTM F2868 or INDOT specifications. Other pipe and fittings not specified herein or in Sections 907-908 of the latest edition of the INDOT "Standard Specifications" may be used only when specifically authorized by the Town of Pendleton. Pipe joints shall be flexible and leak resistant as defined in AASHTO R82, with a maximum leakage rate of 200 gals./day/ft. If the storm sewer pipe is to be placed within a road right-of-way or in an area subject to loading, the pipe and fittings shall be reinforced concrete (RCP) or corrugated polypropylene (CPP).

K. SPECIAL HYDRAULIC STRUCTURES

Special hydraulic structures required to control the flow of water in storm runoff drainage systems include junction chambers, drop manholes, silt basins, and other special structures. The use of these structures shall be limited to those locations justified by prudent planning and by careful and thorough hydraulic design.

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