

CITY OF FORT MITCHELL
KENTON COUNTY, KENTUCKY
PARK ROAD
IMPROVEMENTS
242373

CITY OF FORT MITCHELL OFFICIALS

MAYOR

GREG POHLGEERS

CITY ADMINISTRATOR

EDWIN KING

CITY CLERK

AMY GUENTHER

CITY COUNCIL MEMBERS

JARED ARLINGHAUS

VICKI BOERGER

JERRY DEATHERAGE

JEFF DIETRICH

KIM NACHAZEL

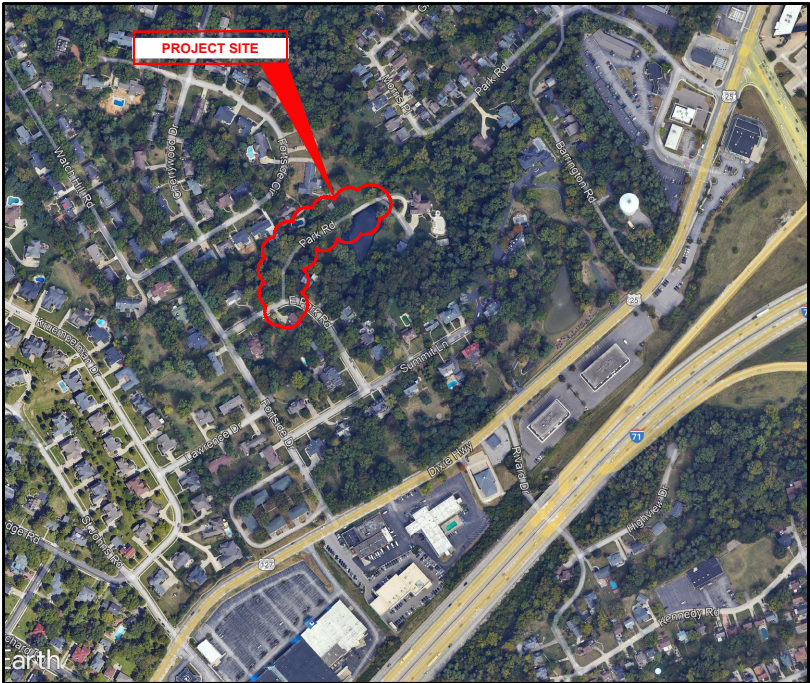
ALYSON ROEDING

CITY ATTORNEY

OLIVIA AMLUNG

PUBLIC WORKS DIRECTOR

NICK TEWES



VICINITY MAP

K.T.C SPECIFICATIONS

THE LATEST STANDARD SPECIFICATIONS OF THE KENTUCKY TRANSPORTATION CABINET, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO AND CITY OF FORT MITCHELL ENGINEERING DEPARTMENT REQUIREMENTS SHALL GOVERN THIS IMPROVEMENT.

SOURCE OF BOUNDARY INFORMATION

THE BOUNDARY INFORMATION SHOWN ON THESE PLANS IS BASED UPON KENTON COUNTY G.I.S. MAPPING AND DOES NOT REPRESENT AN ACTUAL FIELD BOUNDARY SURVEY BY VERDANTAS, LLC.

INDEX OF SHEETS		
NO.	DWG NAME	SHEET NAME
1	TTL	TITLE
2	NOTES	NOTES & LEGEND
3	PLAN1	PLAN VIEW STA. 10+00 TO STA. 11+25
4	PLAN2	PLAN VIEW STA. 11+25 TO STA.13+75
5	PLAN3	PLAN VIEW STA. 13+75 TO STA. 16+16
6	DET	DETAILS 1
7	DET2	DETAILS 2
8	DET3	DETAILS 3 - GUARDRAIL CUT SHEET
9	TYP	TYPICAL SECTION DRIVEWAY OVERLAY AND POND WALL STABILIZATION
10	ALT	ALTERNATE BID ITEM: DECORATIVE ROCK FOR TOP OF POND RIPRAP

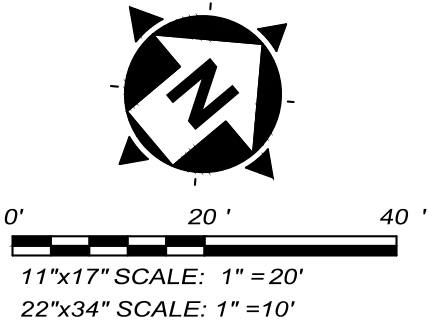
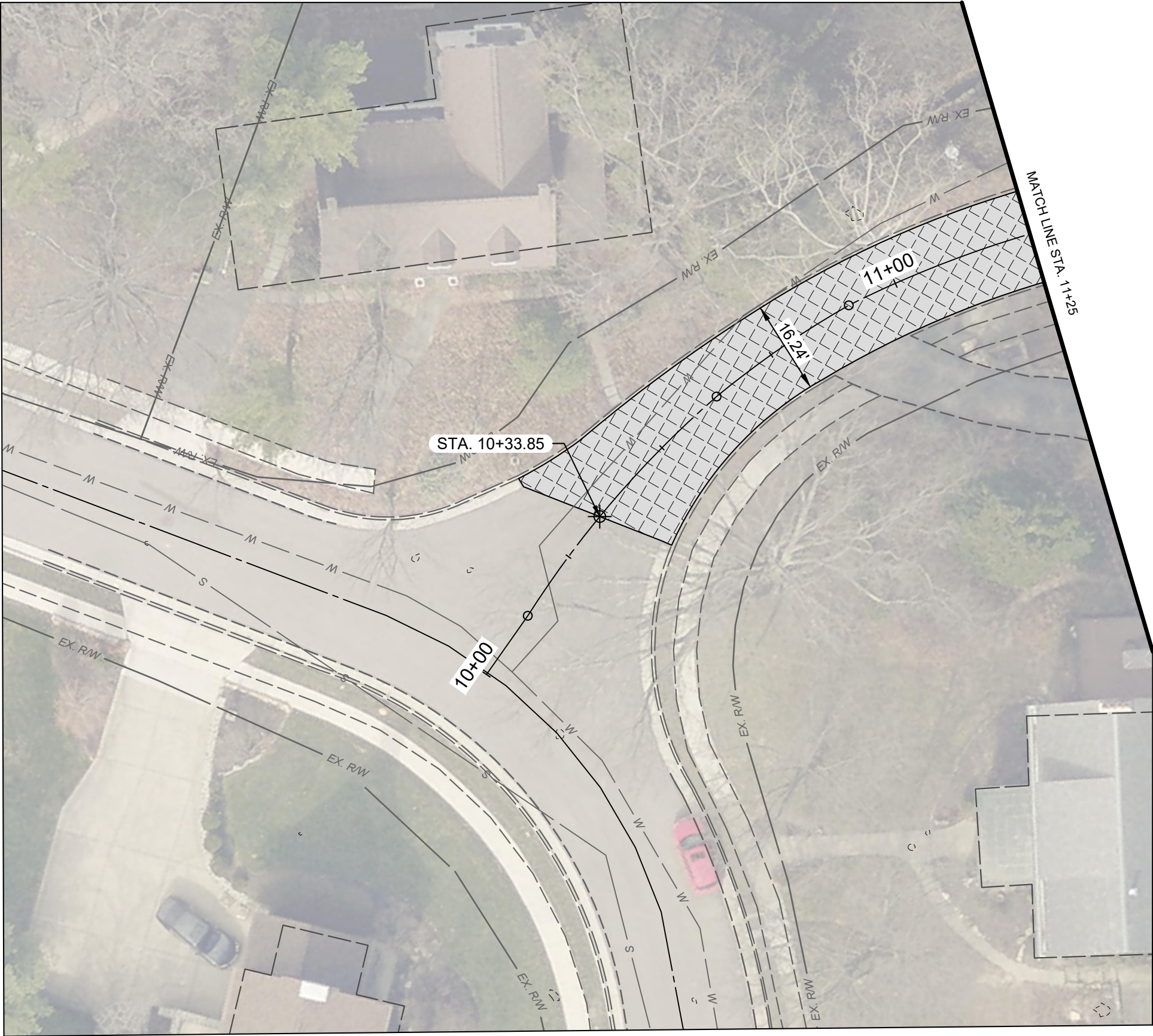


ISSUED FOR:	BID
ISSUE DATE:	02/26/2026
SCALE:	
DESIGNED BY:	JSHU
DRAWN BY:	AWAL
CHECKED BY:	MBRU

PARK ROAD IMPROVEMENTS
- FORT MITCHELL, KY -
TITLE SHEET

PROJECT NO.	
242373	
DISCIPLINE	
CIVIL	
SHEET NAME	
TTL	
SHEET	OF
1	10





11"x17" SCALE: 1" = 20'
22"x34" SCALE: 1" = 10'

HATCH LEGEND	
	PROPOSED MILL AND OVERLAY STA. 10+33.85 TO STA. 11+11.57 SEE "PARK ROAD RESURFACING" DETAIL SHEET 6



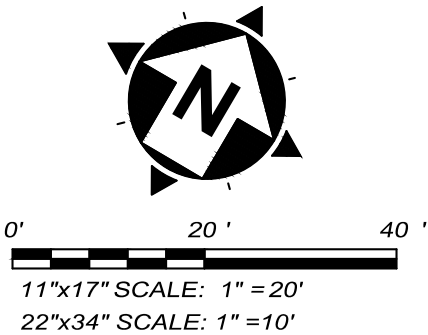
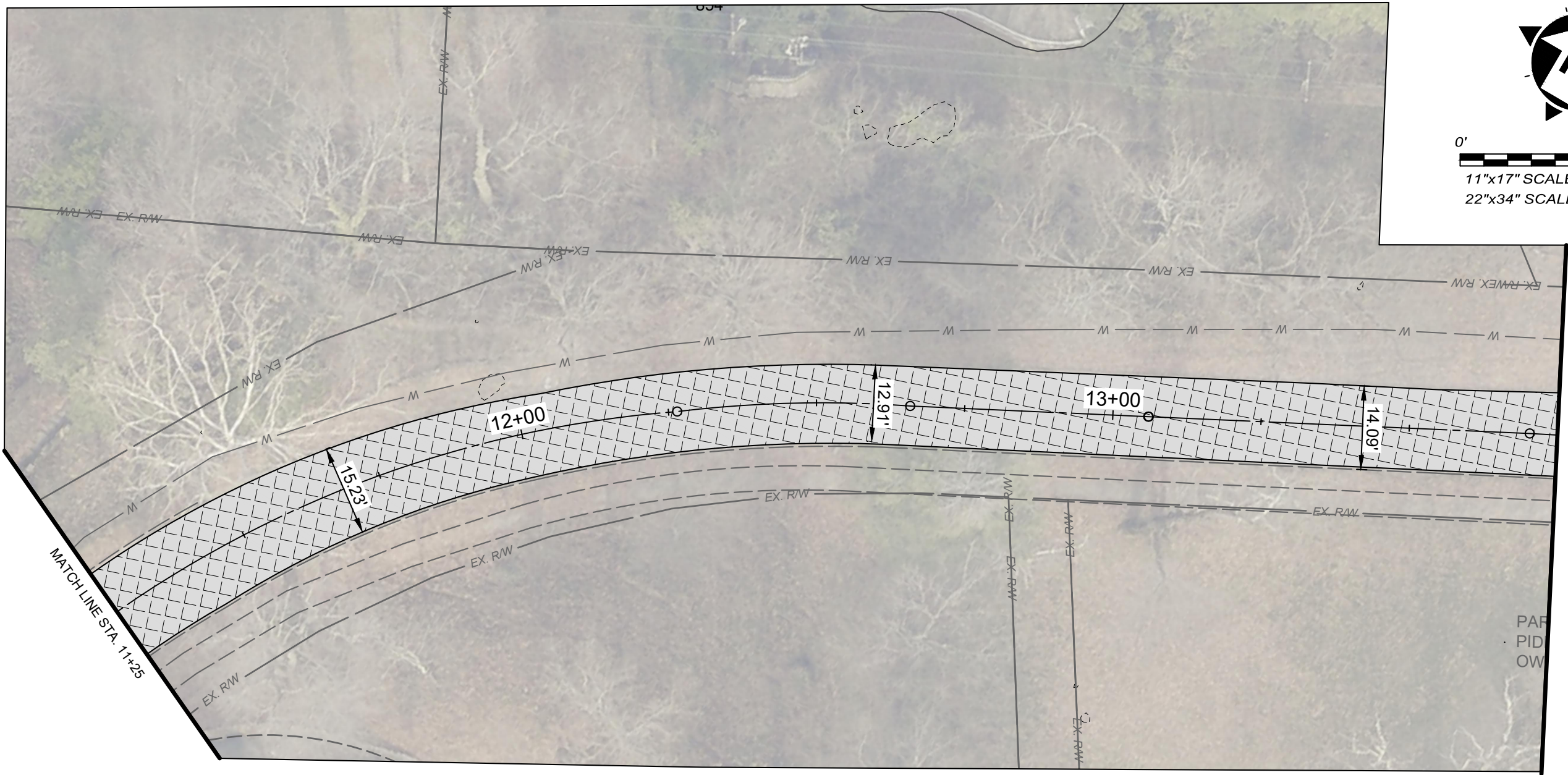
300 BUTTERMILK PIKE, SUITE 332
FORT MITCHELL, KENTUCKY 41017
TEL: (609) 525-0544
WWW.VERDANTAS.COM

ISSUED FOR:	BID	02/26/2026
ISSUE DATE:	AS NOTED	
SCALE:	DESIGNED BY:	JSHU
	DRAWN BY:	AWAL
	CHECKED BY:	MBRU

PARK ROAD IMPROVEMENTS
- FORT MITCHELL, KY -

PLAN VIEW
STA. 10+00 TO STA. 11+25

PROJECT NO.	
242373	
DISCIPLINE	
CIVIL	
SHEET NAME	
PLAN1	
SHEET	OF
3	10



11"x17" SCALE: 1" = 20'
22"x34" SCALE: 1" = 10'

HATCH LEGEND	
	PROPOSED MILL AND OVERLAY STA. 10+33.85 TO STA. 14+11+57 SEE "PARK ROAD RESURFACING" DETAIL SHEET 6

PARK ROAD IMPROVEMENTS
- FORT MITCHELL, KY -

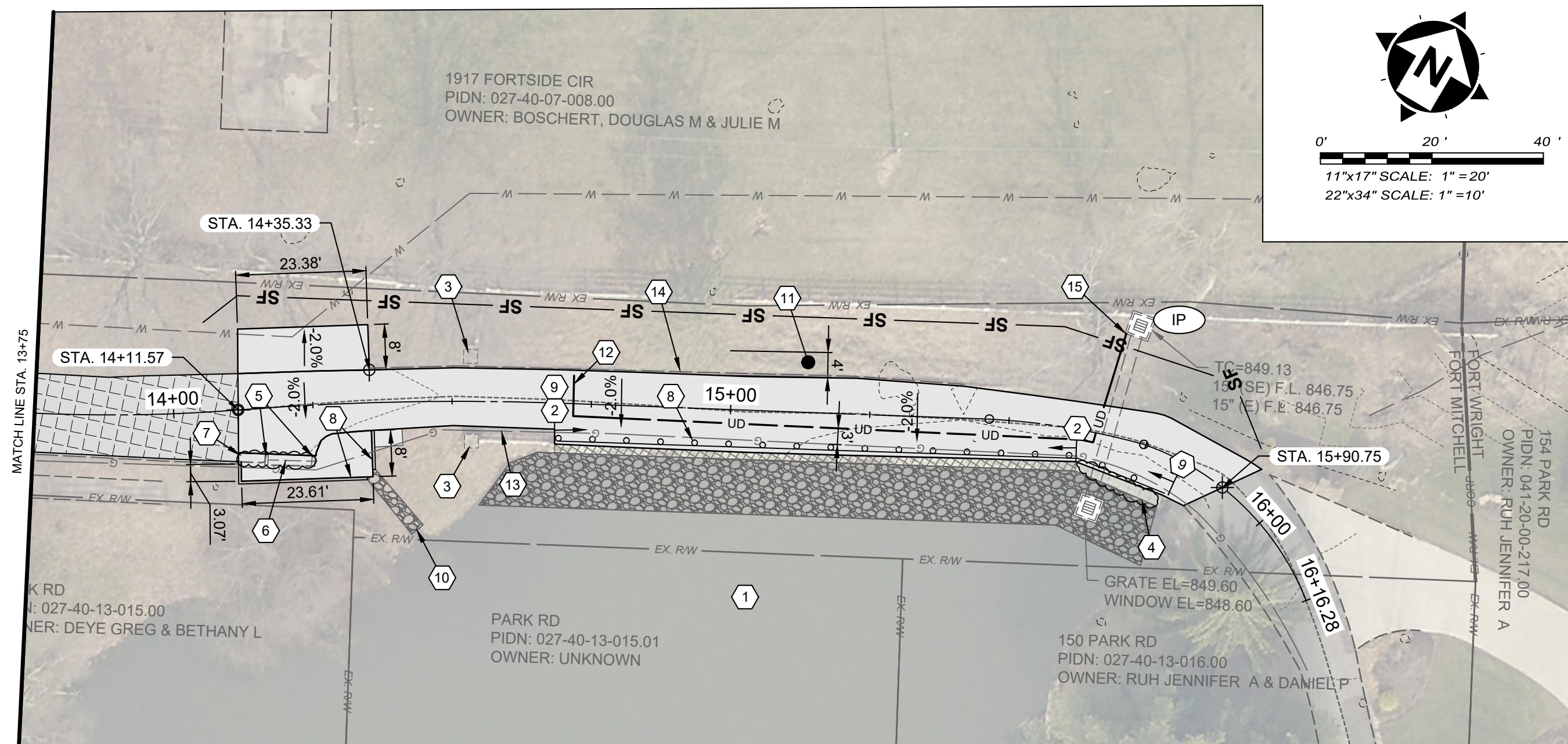
PLAN VIEW
STA. 11+25 TO STA. 13+75

ISSUED FOR:	BID
ISSUE DATE:	02/26/2026
SCALE:	AS NOTED
DESIGNED BY:	JSHU
DRAWN BY:	AWAL
CHECKED BY:	MBRU

PROJECT NO.	
242373	
DISCIPLINE	
CIVIL	
SHEET NAME	
PLAN2	
SHEET	OF
4	10



300 BUTTERNUT PKE, SUITE 332
FORT MITCHELL, KENTUCKY 41017
TEL. (609) 525-0544
WWW.VERDANTAS.COM



ISSUED FOR:	BID
ISSUE DATE:	02/26/2026
SCALE:	AS NOTED
DESIGNED BY:	JSHU
DRAWN BY:	AWAL
CHECKED BY:	MBRU

PLAN VIEW
STA. 13+75 TO STA. 16+16.28

DISCIPLINE

CIVIL

SHEET NAME

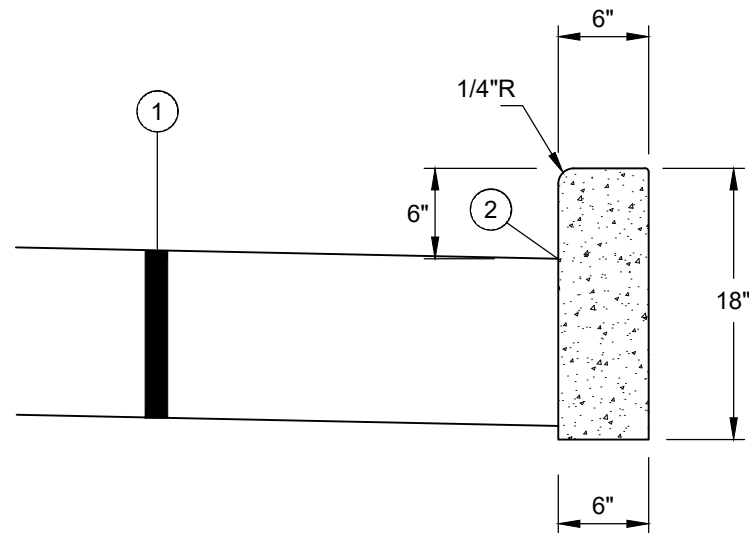
PLAN3

SHEET	OF
5	10

- ### GENERAL CONSTRUCTION NOTES
- 1 DRAIN LAKE (AS NEEDED FOR RIPRAP INSTALLATION)
 - 2 REMOVE TOP 2' ± SECTION OF EXISTING ROCK WALL. SEE "PROPOSED IMPROVEMENTS" DETAIL SHEET 9
 - 3 REMOVE STONE COLUMNS
 - 4 (CLOUD) REMOVE CONCRETE BLOCKS
 - 5 REMOVE HEADWALL
 - 6 REMOVE CULVERT
 - 7 (CLOUD) FULL DEPTH REPAIR PER DETAIL SHEET 7 WHERE EX. ASPHALT IS DEPRESSED. RAISE SURFACE ELEVATION TO ENSURE DRAINAGE ALONG PROPOSED CURB LINE.
 - 8 INSTALL 6" VERTICAL CURB PER DETAIL. LEAVE 1' OPENING IN CURB FOR DRAINAGE.
 - 9 INSTALL NEW GUARDRAIL - SQUARE AMERICAN TIMBER RAIL BY AMERICAN TIMBER AND STEEL, OR APPROVED EQUAL.
 - 10 CONSTRUCT KYTC CHANNEL LINING CLASS II APPROX. 15 LF FROM CURB OPENING TO LAKE.
 - 11 RESTORE YARD AREA 4' WIDE STRIP (4" TOPSOIL AND SODDING) NORTH SIDE OF DRIVEWAY. STA. 14+35.33 TO STA. 15+90.75
 - 12 INSTALL TRANSVERSE UNDERDRAIN PER DETAIL (SHEET 7). CONNECT TO PROPOSED EDGE DRAIN.
 - 13 ACTUAL LOCATION OF EX. GAS MAIN UNKNOWN. CONTRACTOR TO EXPOSE UTILITY PRIOR TO CONSTRUCTION TO DETERMINE ACTUAL LOCATION. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS (INCIDENTAL TO CONTRACT).
 - 14 REMOVE EXISTING CURB.
 - 15 CONNECT PROP. UNDERDRAIN TO EX. CATCH BASIN (INCIDENTAL TO UNDERDRAIN ITEM). CORE DRILL AND CONNECT WITH WATER TIGHT CONNECTION PER SD1 REQUIREMENTS.

- | | |
|--|---|
|  | <p>PROPOSED MILL AND OVERLAY
STA. 10+33.85 TO STA. 14+11.57
SEE RESURFACING TYPICAL SECTION SHEET 6</p> |
|  | <p>PROPOSED PAVEMENT RECONSTRUCTION
STA. 14+11.57 TO STA. 15+90.75
SEE "DRIVEWAY RECONSTRUCTION PAVEMENT SECTION" SHEET 7</p> |
|  | <p>REMOVE TOP EXISTING STONE WALL - TOP
2' ± WALL TO MAKE FLUSH WITH ROADWAY</p> |
|  | <p>RIPRAP - SEE "PROPOSED IMPROVEMENTS" DETAIL SHEET 9</p> |

- 
 PROPOSED GUARDRAIL - SQUARE
 AMERICAN TIMBER RAIL BY AMERICAN
 TIMBER AND STEEL, OR APPROVED EQUIVALENT
- 
 PROPOSED SILT FENCE

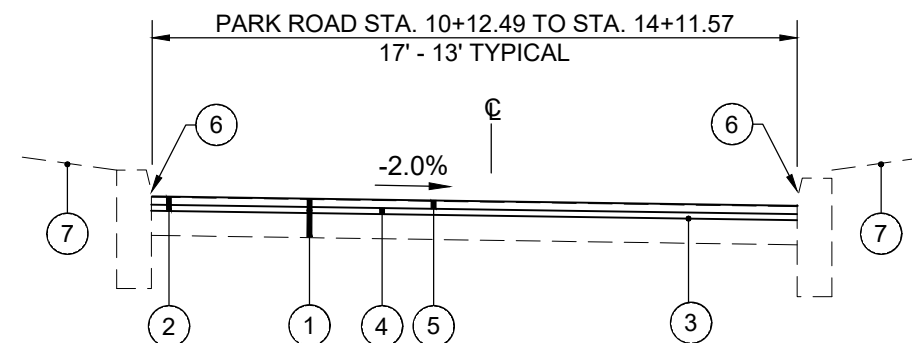


- 1 PROPOSED ASPHALT PAVEMENT (SEE PAVEMENT FOR HAMMER TURNAROUND DETAIL)
- 2 APPLY HOT ASPHALT SEALER WHERE ASPHALT MEETS CURB (INCIDENTAL TO ITEM 402/403).

NOTE:
3/4" DIAMETER DOWELS, 18" LONG, 12" O.C. PLACED AT EXPANSION AND CONSTRUCTION JOINTS.

CONCRETE SHALL BE PER THE LATEST EDITION OF THE KENTON COUNTY SUBDIVISION REGULATIONS.

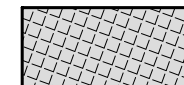
6" VERTICAL CURB N.T.S.



- 1 EXISTING ASPHALT PAVEMENT
- 2 ITEM 408 - ASPHALT MILLING (APPROX 2 1/2". VARIES TO OBTAIN CROSS SLOPE, MIN. 2%)
- 3 ITEM 406 - TACK COAT @ 0.1 GAL/SY (INCIDENTAL TO ITEM 403)
- 4 ITEM 402/403 - 1" ASPHALT LEVELING
- 5 ITEM 402/403 - 1-1/2" ASPHALT PAVEMENT SURFACE WITH ARAMID FIBER REINFORCEMENT (FORTA-FI OR ACE FIBER)
- 6 APPLY HOT ASPHALT SEALER WHERE ASPHALT MEETS CONCRETE CURB (INCIDENTAL TO ITEM 403)
- 7 DO NOT DISTURB YARD AREA

* CONTINGENCY ITEM TO BE USED ONLY AT THE ENGINEER'S DIRECTION

TYPICAL PAVEMENT RESURFACING SECTION
PARK ROAD STA. 10+33.85 TO STA. 14+11.57
N.T.S.



verdantas

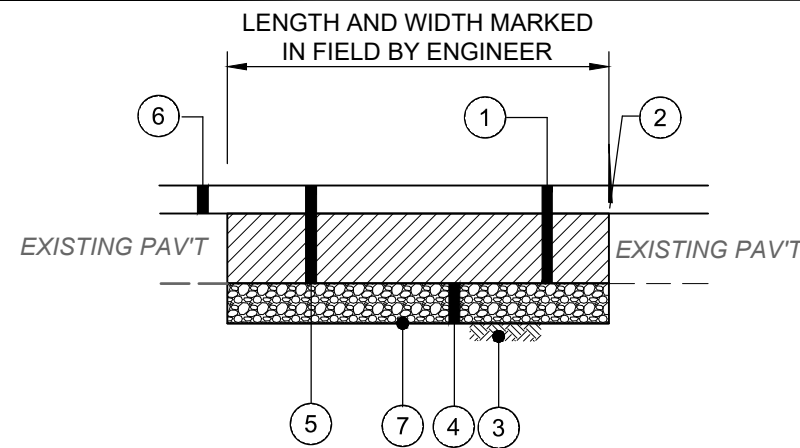
300 BUTTERMILK PIKE, SUITE 332
FORT MITCHELL, KENTUCKY 41017
TEL: (502) 525-0544
WWW.VERDANTAS.COM

ISSUED FOR:	BID
ISSUE DATE:	02/26/2026
SCALE:	AS NOTED
DESIGNED BY:	JSHU
DRAWN BY:	AWAL
CHECKED BY:	MBRU

PARK ROAD IMPROVEMENTS
- FORT MITCHELL, KY -

DETAILS 1

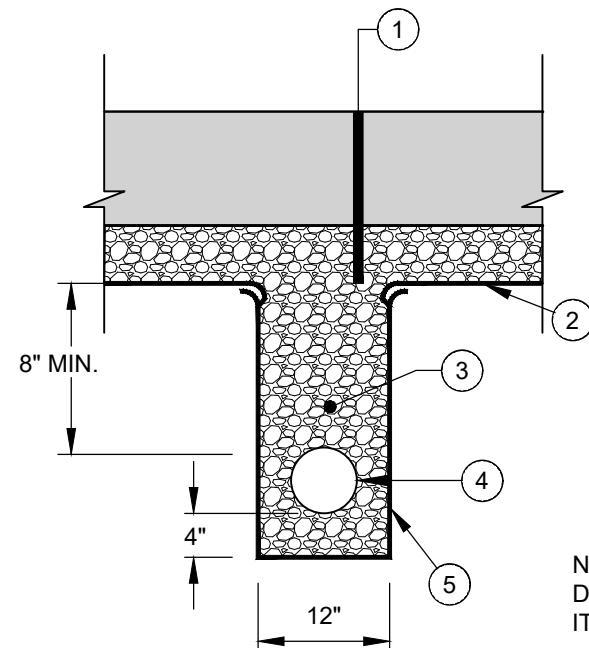
PROJECT NO.	
242373	
DISCIPLINE	
CIVIL	
SHEET NAME	
DET	
SHEET	OF
6	10



- EX. CONCRETE, ASPHALT, GRAVEL OR EARTHEN MATERIAL TO BE REMOVED
- FULL DEPTH SAWCUT ALL SIDES
- ITEM 207 - COMPACTED SUBGRADE (INCIDENTAL)
- ITEM 302* - 6" DGA FOR SUBGRADE REPAIR (SEPARATE BID ITEM). TO BE USED AS DIRECTED BY THE ENGINEER. UNIT PRICE BID INCLUDES DGA BASE, REMOVAL AND DISPOSAL OF EXISTING MATERIAL AND COMPACTION OF SUBGRADE
- ITEM 402/403 - BITUMINOUS CONCRETE BASE (2) 4 1/2" LIFTS (9" TOTAL THICKNESS)
- PAVEMENT RESURFACING PER TYPICAL SECTION (SEPARATE PAY ITEM)
- ITEM SPL* - GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR BX 1200 OR EQUIVALENT)

* NOTE: THIS IS A CONTINGENCY ITEM TO BE USED ONLY AT THE DIRECTION OF THE ENGINEER. LIMITS TO BE MARKED IN THE FIELD BY THE ENGINEER

*** FULL DEPTH PAVEMENT REPAIR
- CONTINGENCY ITEM
FOR MILL AND OVERLAY SECTION
(STA. 10+33.85 - STA. 14+11.57) N.T.S.**

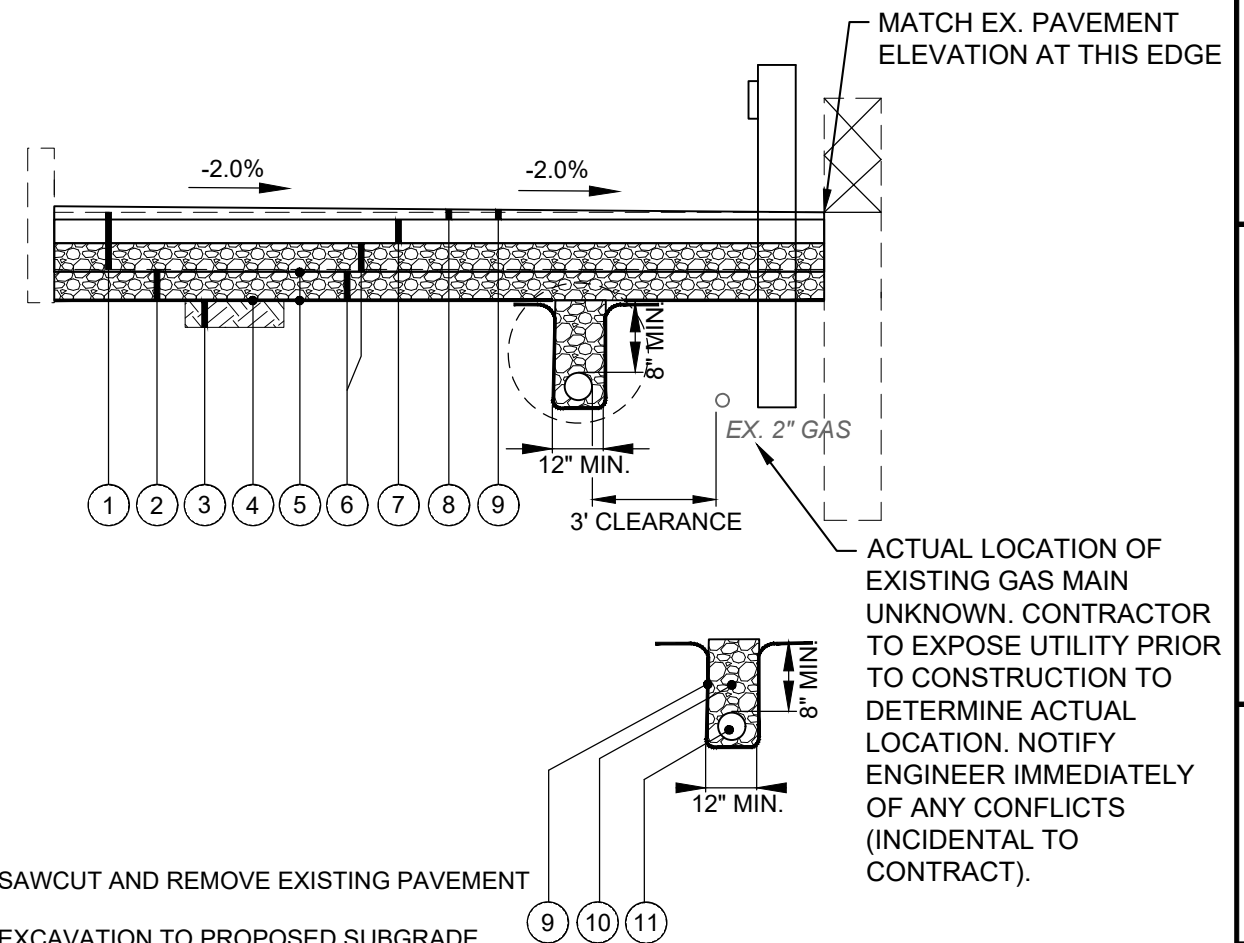


- PROPOSED PAVEMENT. SEE TYPICAL SECTION
- ITEM 304 - WOVEN GEOTEXTILE, MIRAFI®600X OR EQUIVALENT
- ITEM 302 - CLEAN NO. 57 CRUSHED STONE (LESS THAN 3% FINES)
- 4" RIGID PVC PERFORATED PIPE UNDERDRAIN @ 1% MIN GRADE
- ITEM 304 - MIRAFI®140N OR EQUIVALENT NON WOVEN DRAINAGE GEOTEXTILE

NOTE: ALL COST FOR CONSTRUCTING THE UNDERDRAIN PER DETAIL SHALL BE INCIDENTAL TO THE UNIT PRICE BID FOR ITEM 704 - 4" UNDERDRAIN

**TRANSVERSE UNDERDRAIN DETAIL
N.T.S.**

H:\2024\242373\DWG\BASE\242373 PBASE - PARK ROAD DRIVEWAY.DWG - DET2 - 2/25/2026 4:26:19 PM - ANDREW WALSH



- ITEM 203 - SAWCUT AND REMOVE EXISTING PAVEMENT
- ITEM 204 - EXCAVATION TO PROPOSED SUBGRADE
- ITEM 207 - SUBGRADE RESHAPING & COMPACTING OF EXISTING CLAY SUBGRADE - TRIMMED AND ROLLED SMOOTH FOR DRAINAGE SO THAT GEOTEXTILE CAN BE SPREAD SMOOTH, TAUT, AND EVEN BEFORE STONE IS PLACED.
- ITEM 214 - WOVEN TEXTILE, MIRAFI®600X OR EQUIVALENT, ALL OVERLAPS TO BE 18" MIN. PLACE BELOW GEOGRID.
- ITEM SPL - GEOGRID (TENSAR BX 1200 OR EQUIVALENT). 2 LAYERS (ONE BENEATH EACH LAYER OF CSB)
- ITEM 302 - 12" CRUSHED STONE BASE, (LESS THAN 7% FINES) COMPACTED TO 100%. (TWO LIFTS OF 6" WITH GEOGRID IN BETWEEN)
- ITEM 402/403 - 5" ASPHALT CONCRETE BASE
- ITEM 402/403 - 1.5" ASPHALT CONCRETE SURFACE COURSE WITH ARAMID FIBER REINFORCEMENT (FORTA-FI, ACE FIBER, OR EQUIVALENT). 1.5" MIN. VARY TO OBTAIN 2% CROSS SLOPE.
- ITEM SPL - MIRAFI®140N OR EQUIVALENT NONWOVEN GEOTEXTILE, COVERING DRAINAGE BACKFILL, LAPPED 12" INCHES ONTO CLAY EACH SIDE, AND 4" INCHES ONTO BACK OF CURB WHERE APPLICABLE. (COST SHALL BE INCIDENTAL TO ITEM 704 - 4" DIA. RIGID PVC PERFORATED PIPE UNDERDRAIN).
- ITEM 302 - CLEAN NO. 57 CRUSHED STONE (LESS THAN 3% FINES), COMPACTED IN 6" TO 8" LIFTS TO 80% RELATIVE DENSITY (ASTM D4253, D4254) W/A VIBRATORY COMPACTOR. (COST SHALL BE INCIDENTAL TO ITEM 704 - 4" DIA. RIGID PVC PERFORATED PIPE UNDERDRAIN).
- ITEM 704 - 4" DIA. RIGID PVC PERFORATED PIPE UNDERDRAIN.

**DRIVEWAY RECONSTRUCTION PAVEMENT SECTION
STA. 14+11.57 - STA. 15+90.75 N.T.S.**

FOR ADDITIONAL INFORMATION SEE TYPICAL SECTIONS - SHEET 9.

verdantas

300 BUTTERMILK PIKE, SUITE 332
FORT MITCHELL, KENTUCKY 41017
TEL: (502) 525-0544
WWW.VERDANTAS.COM

ISSUED FOR:	BID
ISSUE DATE:	02/26/2026
SCALE:	AS NOTED
DESIGNED BY:	JSHU
DRAWN BY:	AWAL
CHECKED BY:	MBRU

**PARK ROAD IMPROVEMENTS
- FORT MITCHELL, KY -**

DETAILS 2

PROJECT NO.	242373
DISCIPLINE	CIVIL
SHEET NAME	DET2
SHEET	OF
7	10



Square American Timber Rail

We designed our American Timber Rail as a cost effective solution for jobs that do not need the strength of our Steel-Backed Timber Guardrail yet it looks great and offers protection around areas like parking lots, pathways and in parks. This easy to assemble guide rail system has 6 foot on center post spacing and 12 foot splicing.

Using surfaced Southern Yellow Pine for a uniform look and reliable strength, we chamfer the 6 inch by 8 inch post tops and the face of the 4 inch by 8 inch rails for an attractive finish and all the plates and hardware are made from weathering steel for a rustic appeal. Then to make sure we get the longest life, we treat it to .60 with CCA

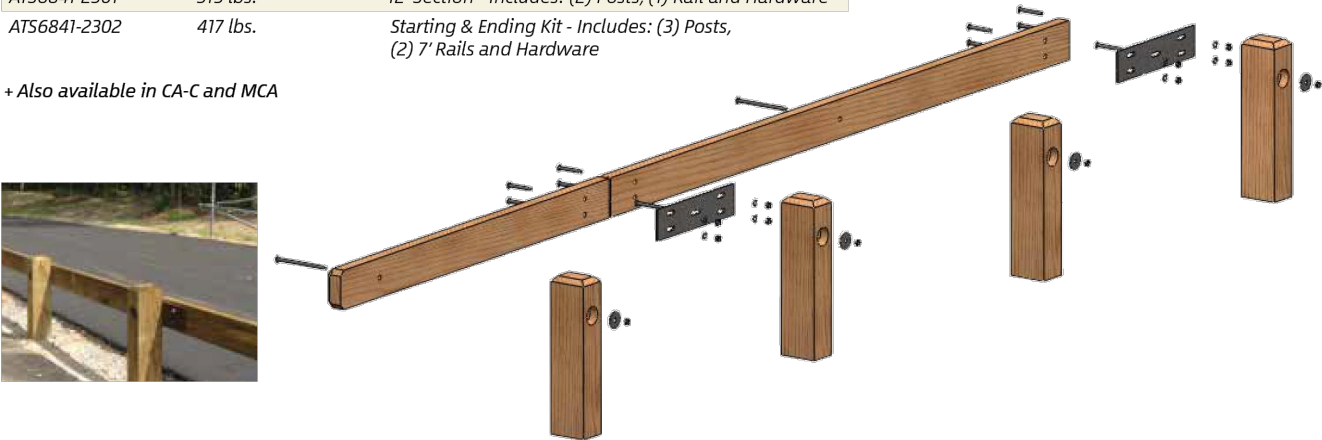


Dickerson Fence | Durham, North Carolina

Square American Timber Rail - 6" x 8" - 6' Posts with 4" x 8" - 12'Rails

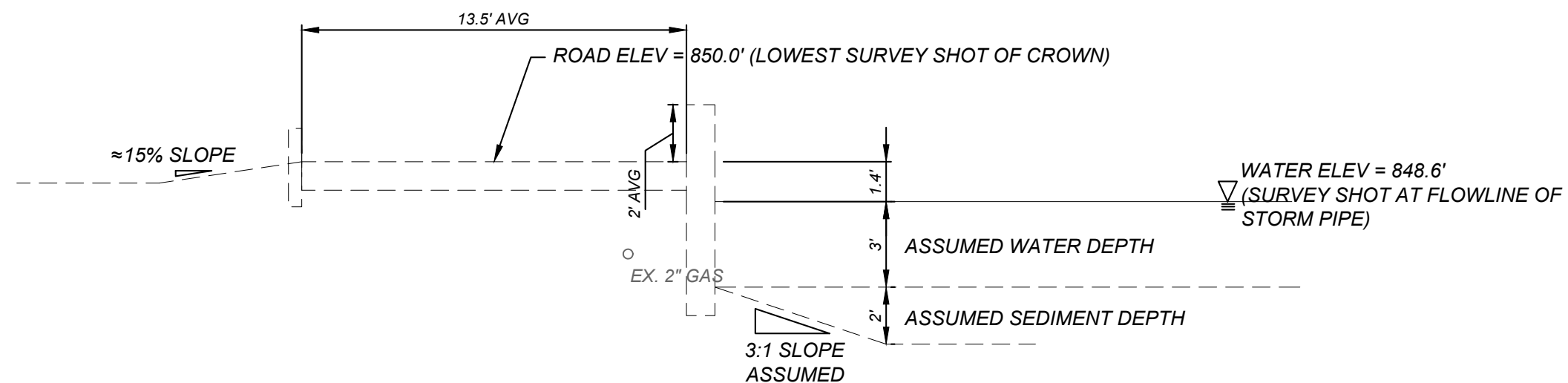
Item #	Lbs. ea.	Description
ATS6841-2301	315 lbs.	12' Section - Includes: (2) Posts, (1) Rail and Hardware
ATS6841-2302	417 lbs.	Starting & Ending Kit - Includes: (3) Posts, (2) 7' Rails and Hardware

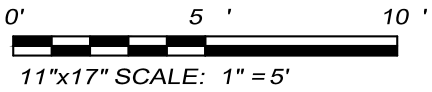
+ Also available in CA-C and MCA



ISSUED FOR:	BID
ISSUE DATE:	02/26/2026
SCALE:	AS NOTED
DESIGNED BY:	JSHU
DRAWN BY:	AWAL
CHECKED BY:	MBRU

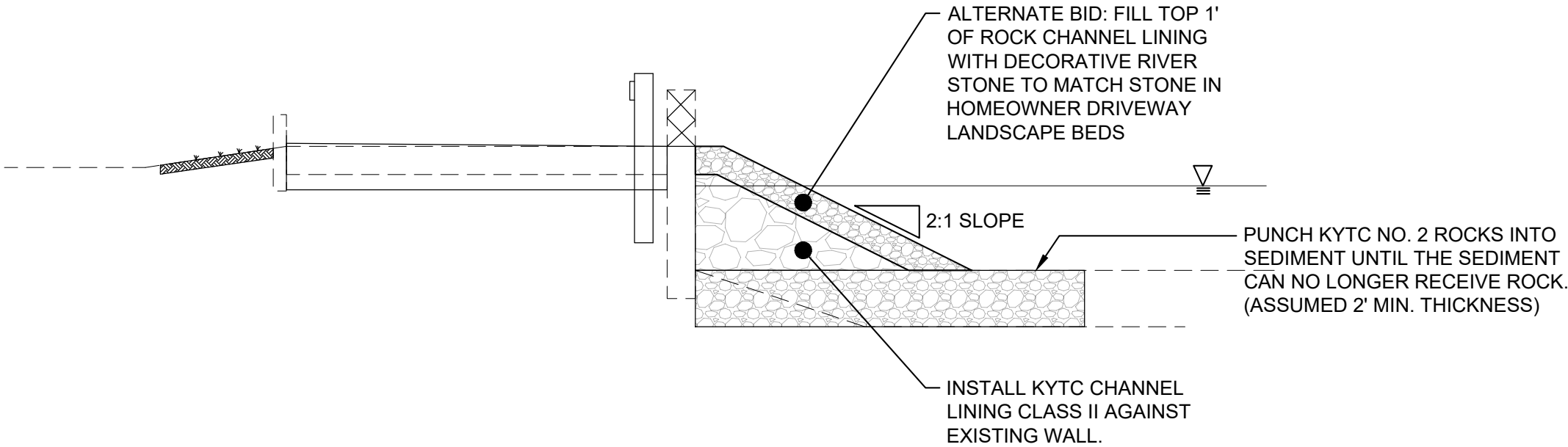
PROJECT NO.	
242373	
DISCIPLINE	
CIVIL	
SHEET NAME	
DET3	
SHEET	OF
8	10





NOTE:
CONTRACTOR TO SUBMIT RIVER STONE SHOP
DRAWING FOR APPROVAL BY OWNER.

PICTURE FOR REFERENCE:
RIVER STONE IN HOMEOWNER
DRIVEWAY LANDSCAPE BED.



ALTERNATE RIPRAP - DECORATIVE STONE

verdantas

300 BUTTERMILK PIKE, SUITE 332
FORT MITCHELL, KENTUCKY 41017
TEL: (505) 525-0544
WWW.VERDANTAS.COM

ISSUED FOR:	BID
ISSUE DATE:	02/26/2026
SCALE:	AS NOTED
DESIGNED BY:	JSHU
DRAWN BY:	AWAL
CHECKED BY:	MBRU

PARK ROAD IMPROVEMENTS
- FORT MITCHELL, KY -

**ALTERNATE BID ITEM: DECORATIVE ROCK
FOR TOP OF POND RIPRAP**

PROJECT NO.	
242373	
DISCIPLINE	
CIVIL	
SHEET NAME	
ALT	
SHEET	OF
10	10