

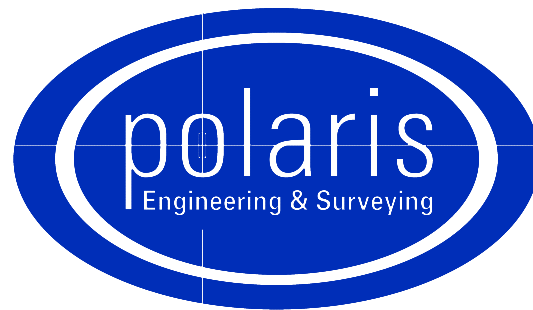
# PARKING LOT EXPANSION FOR PINE RIDGE COUNTRY CLUB

30601 RIDGE ROAD

CITY OF WICKLIFFE - LAKE COUNTY - OHIO

JANUARY, 2024

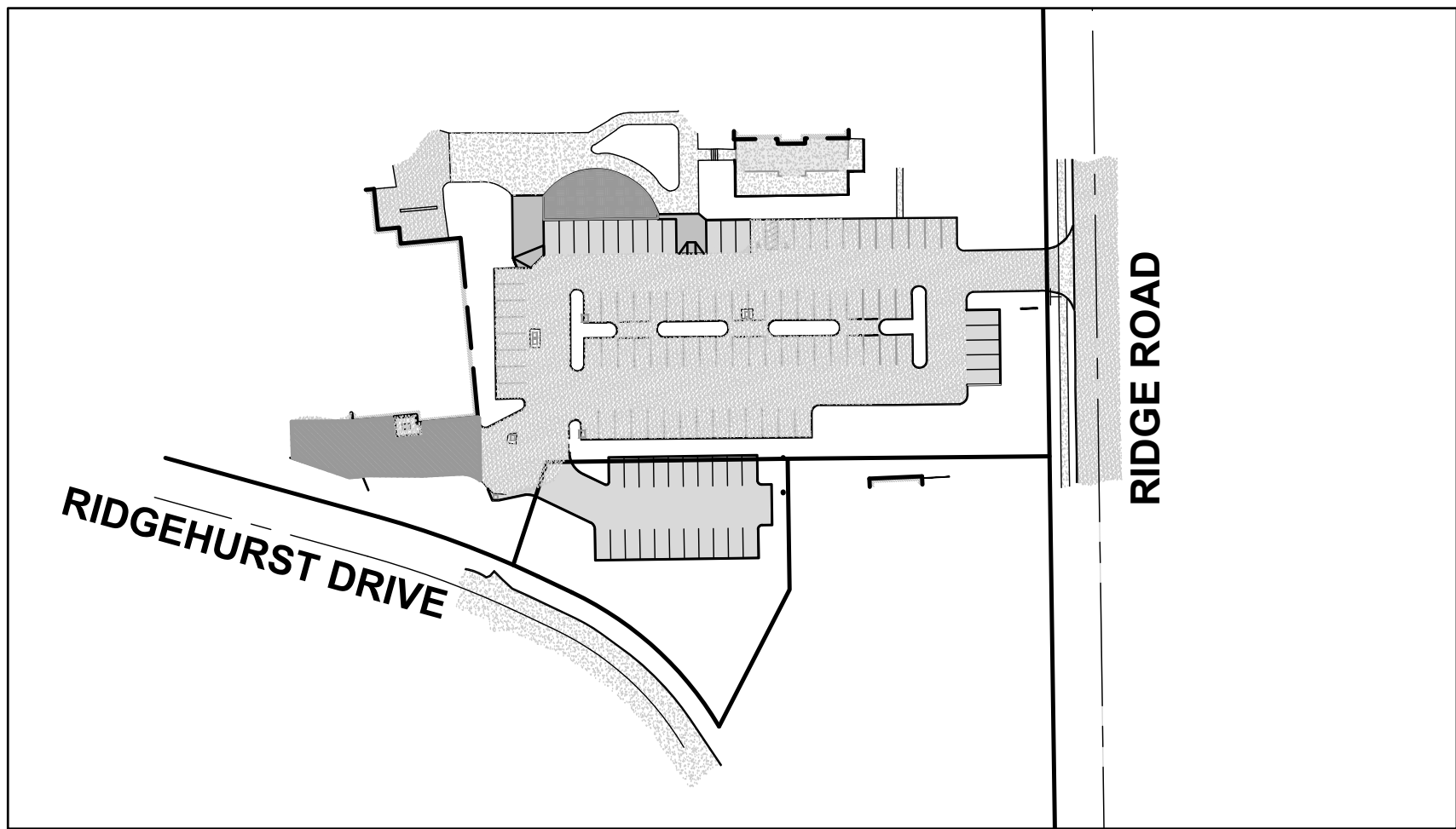
DESIGNED BY:



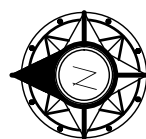
**POLARIS ENGINEERING & SURVEYING, INC.**  
34600 CHARDON ROAD - SUITE D  
WILLOUGHBY HILLS, OHIO 44094  
(440) 944-4433 (440) 944-3722 (Fax)  
www.polaris-es.com

PREPARED FOR:

LAKE METROPARKS  
11211 SPEAR ROAD  
CONCORD, OHIO  
PHONE: (440) 639-9126  
CONTACT: SETH OLDHAM

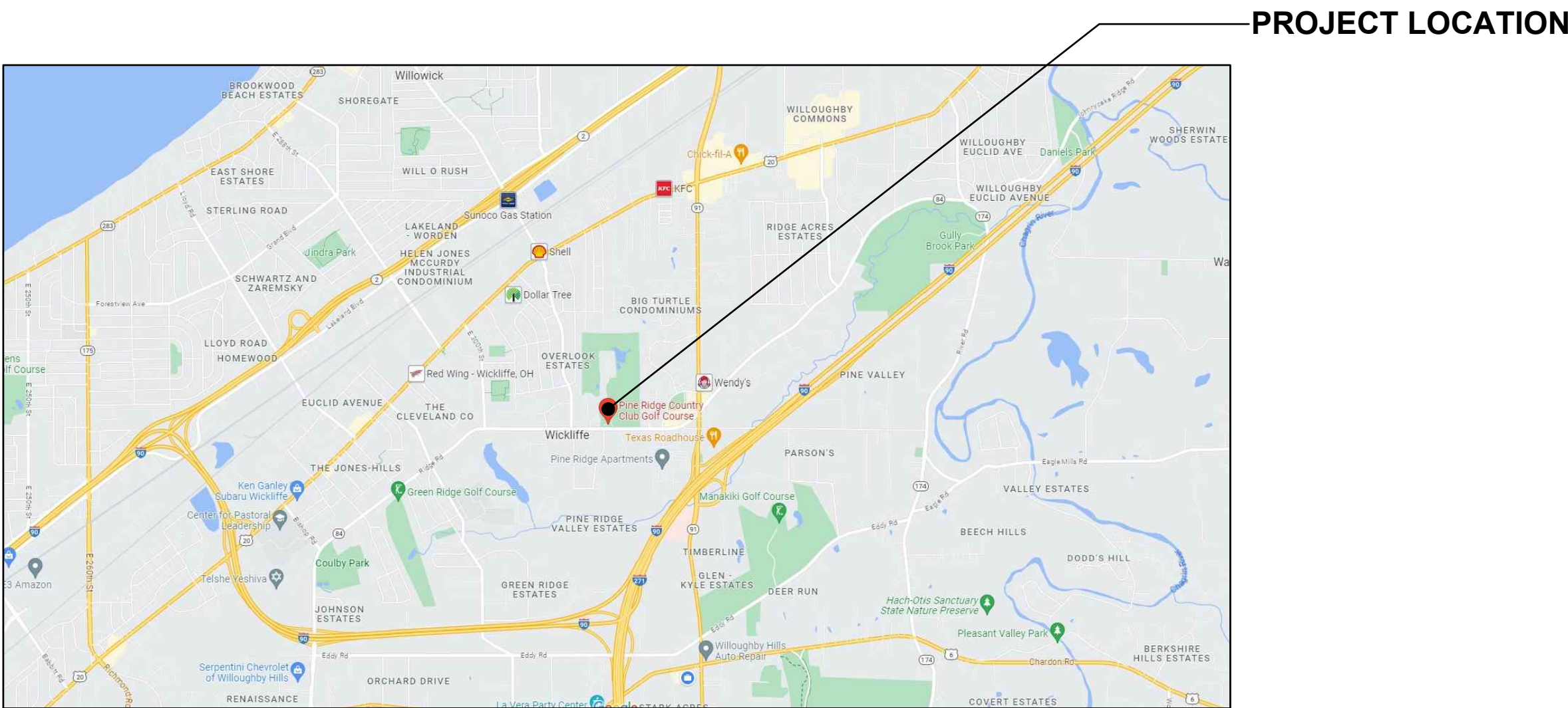


SITE MAP  
1"=100'



## DRAWING INDEX

DESCRIPTION	SHEET NO.
TITLE SHEET	1
EXISTING CONDITIONS PLAN	2
GEOMETRIC & UTILITY PLAN	3
GRADING & SWP3 PLAN	4
SWP3 NOTES	5
SWP3 DETAILS	6
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VICINITY MAP  
N.T.S.




TITLE SHEET

CONTRACT No.

23174

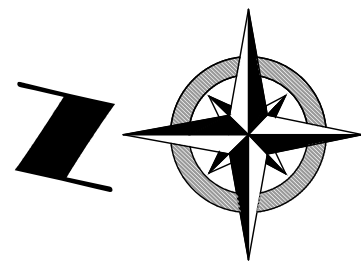
SHEET	OF
1	7

  
ROBERT YAGERSZ JR.

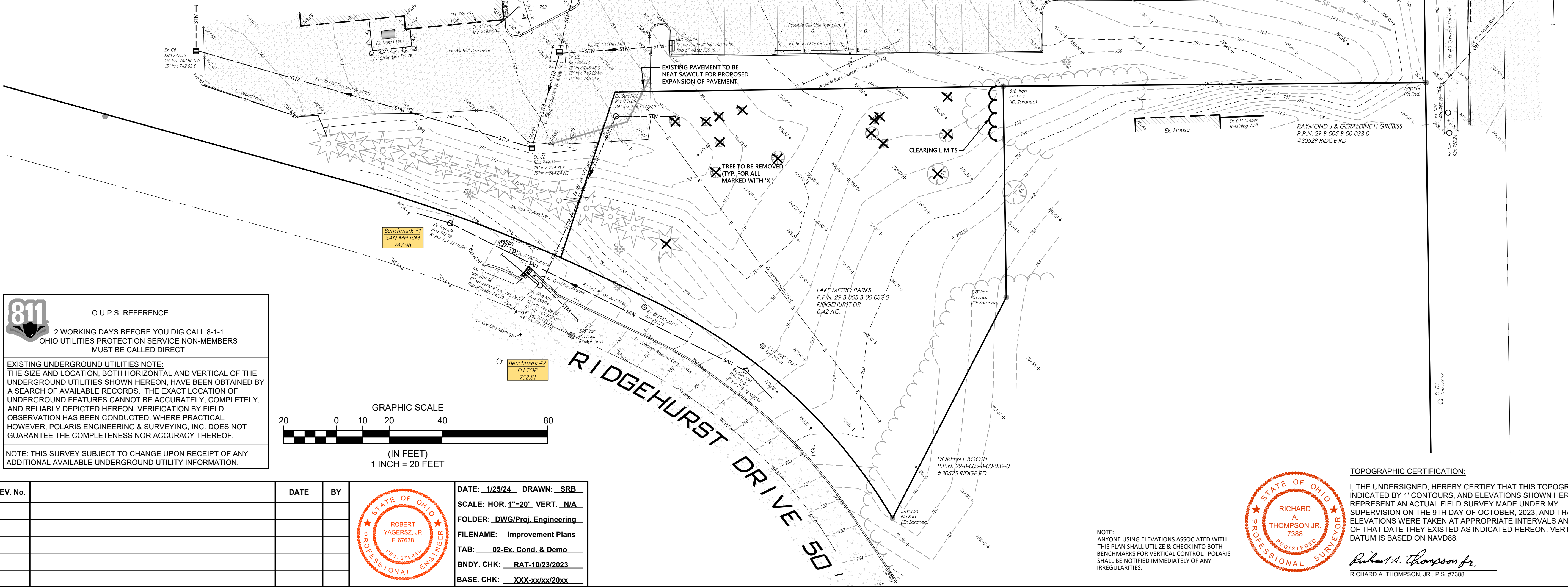
P.E. # 67638








SYMBOL LEGEND	
	Ex. Clean Out
	Ex. Catch Basin
	Prop. Catch Basin
	Ex. Curb Inlet
	Prop. Curb Inlet
	Ex. Yard Drain
	Ex. Manhole
	Ex. Sanitary Manhole
	Prop. Sanitary Manhole
	Ex. Storm Manhole
	Prop. Storm Manhole
	Storm Inlet MH
	Ex. Water Valve
	Prop. WL Valve
	Water Meter
	Ex. Fire Hydrant
	Prop. Hydrant
	Well
	Gas Valve
	Gas Meter
	Guy Wire
	Power Pole
	Light Power Pole
	Light Pole
	Traffic Signal Pole
	Traffic Signal Box
	Cable TV Box
	Electrical Box
	Telephone (SAC) Box
	Tree
	Pine Tree
	Bush
	Yard Light
	Gasline Marker
	Power Transformer
	Irrigation Valve
	Sprinkler Control Box
	Sprinkler Head
	Sign
	Test Bore
	Guard Post
	Stump
	Mailbox



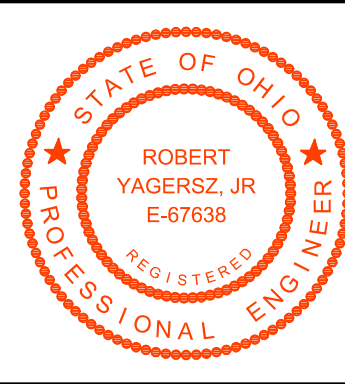


O.U.P.S. REFERENCE

2 WORKING DAYS BEFORE YOU DIG CALL 8-1-1  
OHIO UTILITIES PROTECTION SERVICE NON-MEMBERS  
MUST BE CALLED DIRECT

EXISTING UNDERGROUND UTILITIES NOTE:  
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE  
UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY  
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AND RELIABLY DEPICTED HEREON. VERIFICATION BY FIELD  
OBSERVATION HAS BEEN CONDUCTED, WHERE PRACTICAL.  
HOWEVER, POLARIS ENGINEERING & SURVEYING, INC. DOES NOT  
GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

NOTE: THIS SURVEY SUBJECT TO CHANGE UPON RECEIPT OF ANY  
ADDITIONAL AVAILABLE UNDERGROUND UTILITY INFORMATION.



DATE: 1/25/24 DRAWN: SRB

SCALE: HOR. 1"=20' VERT. N/A

FOLDER: DWG/Proj. Engineering

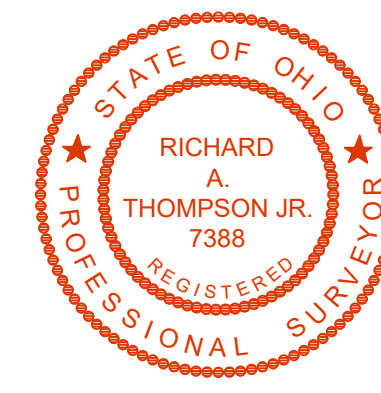
FILENAME: Improvement Plans

TAB: 02-Ex. Cond. & Demo


BNDRY. CHK: RAT-10/23/2023

BASE. CHK: XXX-xx/xx/20xx

NOTE:  
ANYONE USING ELEVATIONS ASSOCIATED WITH  
THIS PLAN SHALL UTILIZE & CHECK INTO BOTH  
BENCHMARKS FOR VERTICAL CONTROL. POLARIS  
SHALL BE NOTIFIED IMMEDIATELY OF ANY  
IRREGULARITIES.



TOPOGRAPHIC CERTIFICATION:  
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY,  
INDICATED BY 1' CONTOURS, AND ELEVATIONS SHOWN HEREON,  
REPRESENT AN ACTUAL FIELD SURVEY MADE UNDER MY  
SUPERVISION ON THE 9TH DAY OF OCTOBER, 2023, AND THAT THE  
ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS  
OF THAT DATE THEY EXISTED AS INDICATED HEREON. VERTICAL  
DATUM IS BASED ON NAVD88.

  
RICHARD A. THOMPSON, JR., P.S. #7388

**PINE RIDGE  
COUNTRY CLUB**

CITY OF WICKLIFFE - LAKE COUNTY - OHIO

POLARIS ENGINEERING & SURVEYING, INC.  
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(440) 944-4433 (440) 944-3722 (Fax)  
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**EXISTING CONDITIONS &  
DEMOLITION PLAN**

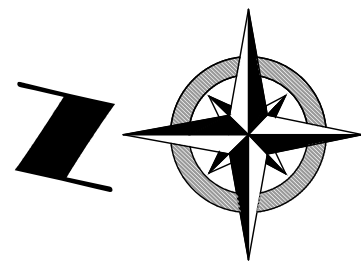
PREPARED FOR:  
LAKE METROPARKS  
11211 SPEAR ROAD  
CONCORD, OHIO  
PHONE: (440) 639-9126  
CONTACT: SETH OLDHAM

CONTRACT No.

**23174**

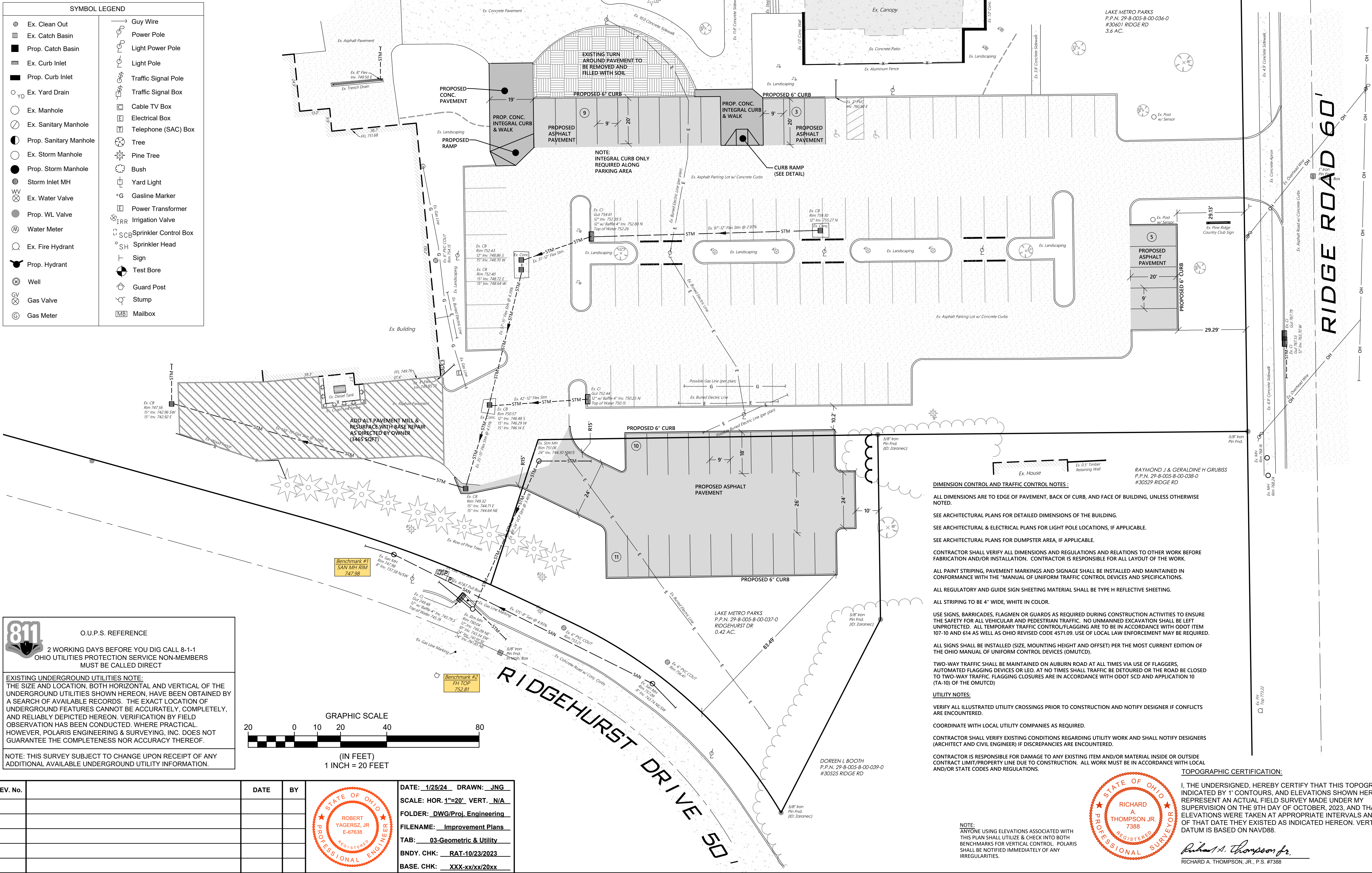
SHEET	OF
<b>02</b>	<b>07</b>





SYMBOL LEGEND	
	Ex. Clean Out
	Ex. Catch Basin
	Prop. Catch Basin
	Ex. Curb Inlet
	Prop. Curb Inlet
	Ex. Yard Drain
	Ex. Manhole
	Ex. Sanitary Manhole
	Prop. Sanitary Manhole
	Ex. Storm Manhole
	Prop. Storm Manhole
	Storm Inlet MH
	Ex. Water Valve
	Prop. WL Valve
	Water Meter
	Ex. Fire Hydrant
	Prop. Hydrant
	Well
	Gas Valve
	Gas Meter
	Guy Wire
	Power Pole
	Light Power Pole
	Light Pole
	Traffic Signal Pole
	Traffic Signal Box
	Cable TV Box
	Electrical Box
	Telephone (SAC) Box
	Tree
	Pine Tree
	Bush
	Yard Light
	Gasline Marker
	Power Transformer
	Irrigation Valve
	Sprinkler Control Box
	Sprinkler Head
	Sign
	Test Bore
	Guard Post
	Stump
	Mailbox

NOTE:  
ALL PROPOSED PAVEMENT IS  
NOT ADA COMPLIANT DUE TO  
MATCHING EXISTING PAVEMENT  
GRADES & SLOPES



#### DIMENSION CONTROL AND TRAFFIC CONTROL NOTES:

ALL DIMENSIONS ARE TO EDGE OF PAVEMENT, BACK OF CURB, AND FACE OF BUILDING, UNLESS OTHERWISE NOTED.

SEE ARCHITECTURAL PLANS FOR DETAILED DIMENSIONS OF THE BUILDING.

SEE ARCHITECTURAL & ELECTRICAL PLANS FOR LIGHT POLE LOCATIONS, IF APPLICABLE.

SEE ARCHITECTURAL PLANS FOR DUMPSTER AREA, IF APPLICABLE.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REGULATIONS AND RELATIONS TO OTHER WORK BEFORE FABRICATION AND/OR INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT OF THE WORK.

ALL PAINT STRIPING, PAVEMENT MARKINGS AND SIGNAGE SHALL BE INSTALLED AND MAINTAINED IN CONFORMANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND SPECIFICATIONS."

ALL REGULATORY AND GUIDE SIGN SHEETING MATERIAL SHALL BE TYPE H REFLECTIVE SHEETING.

ALL STRIPING TO BE 4" WIDE, WHITE IN COLOR.

USE SIGNS, BARRICADES, FLAGMEN OR GUARDS AS REQUIRED DURING CONSTRUCTION ACTIVITIES TO ENSURE THE SAFETY FOR ALL VEHICULAR AND PEDESTRIAN TRAFFIC. NO UNMANNED EXCAVATION SHALL BE LEFT UNPROTECTED. ALL TEMPORARY TRAFFIC CONTROL/FLAGGING ARE TO BE IN ACCORDANCE WITH ODOT ITEM 107-10 AND 614 AS WELL AS OHIO REVISED CODE 457.09. USE OF LOCAL LAW ENFORCEMENT MAY BE REQUIRED.

ALL SIGNS SHALL BE INSTALLED (SIZE, MOUNTING HEIGHT AND OFFSET) PER THE MOST CURRENT EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD).

TWO-WAY TRAFFIC SHALL BE MAINTAINED ON AUBURN ROAD AT ALL TIMES VIA USE OF FLAGGERS, AUTOMATED FLAGGING DEVICES OR LEO. AT NO TIMES SHALL TRAFFIC BE DETOURED OR THE ROAD BE CLOSED TO TWO-WAY TRAFFIC. FLAGGING CLOSURES ARE IN ACCORDANCE WITH ODOT SCD AND APPLICATION 10 (TA-10) OF THE OMUTCD.

#### UTILITY NOTES:

VERIFY ALL ILLUSTRATED UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY DESIGNER IF CONFLICTS ARE ENCOUNTERED.

COORDINATE WITH LOCAL UTILITY COMPANIES AS REQUIRED.

CONTRACTOR SHALL VERIFY EXISTING CONDITIONS REGARDING UTILITY WORK AND SHALL NOTIFY DESIGNERS (ARCHITECT AND CIVIL ENGINEER) IF DISCREPANCIES ARE ENCOUNTERED.

CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE CONTRACT LIMIT/PROPERTY LINE DUE TO CONSTRUCTION. ALL WORK MUST BE IN ACCORDANCE WITH LOCAL AND/OR STATE CODES AND REGULATIONS.

#### TOPOGRAPHIC CERTIFICATION:

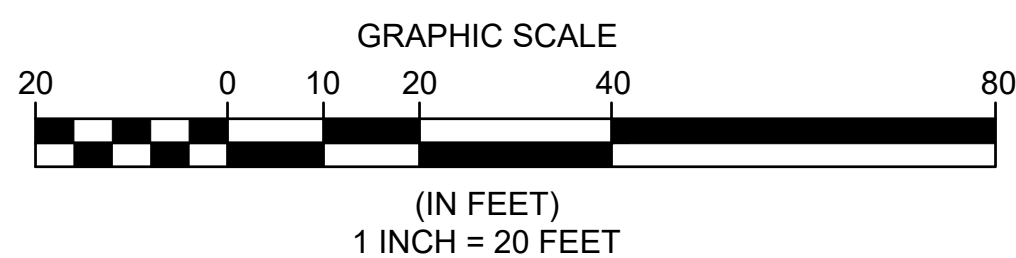
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 1' CONTOURS, AND ELEVATIONS SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE UNDER MY SUPERVISION ON THE 9TH DAY OF OCTOBER, 2023, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON. VERTICAL DATUM IS BASED ON NAVD88.

*Richard A. Thompson Jr.*  
RICHARD A. THOMPSON, JR., P.S. #7388

**811** O.U.P.S. REFERENCE  
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NOTE: THIS SURVEY SUBJECT TO CHANGE UPON RECEIPT OF ANY ADDITIONAL AVAILABLE UNDERGROUND UTILITY INFORMATION.



REV. No.	DATE	BY	DATE	BY

DATE: 1/25/24 DRAWN: JNG  
SCALE: HOR. 1"=20' VERT. N/A  
FOLDER: DWG/Proj. Engineering  
FILENAME: Improvement Plans  
TAB: 03-Geometric & Utility  
BNDRY. CHK: RAT-10/23/2023  
BASE. CHK: XXX-xx/xx/20xx

## PINE RIDGE COUNTRY CLUB

CITY OF WICKLIFFE - LAKE COUNTY - OHIO

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## GEOMETRIC & UTILITY PLAN

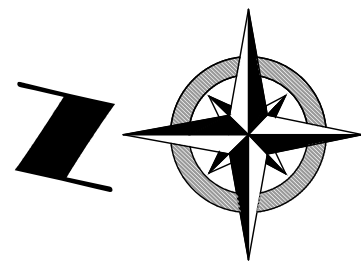
PREPARED FOR:  
LAKE METROPARKS  
11211 SPEAR ROAD  
CONCORD, OHIO  
PHONE: (440) 639-9126  
CONTACT: SETH OLDHAM

CONTRACT No.

23174


SHEET	OF
03	07





SYMBOL LEGEND	
	Ex. Clean Out
	Ex. Catch Basin
	Prop. Catch Basin
	Ex. Curb Inlet
	Prop. Curb Inlet
	Ex. Yard Drain
	Ex. Manhole
	Ex. Sanitary Manhole
	Prop. Sanitary Manhole
	Ex. Storm Manhole
	Prop. Storm Manhole
	Storm Inlet MH
	Ex. Water Valve
	Prop. WL Valve
	Water Meter
	Ex. Fire Hydrant
	Prop. Hydrant
	Well
	Gas Valve
	Gas Meter
	Guy Wire
	Power Pole
	Light Power Pole
	Light Pole
	Traffic Signal Pole
	Traffic Signal Box
	Cable TV Box
	Electrical Box
	Telephone (SAC) Box
	Tree
	Pine Tree
	Bush
	Yard Light
	Gasline Marker
	Power Transformer
	Irrigation Valve
	Sprinkler Control Box
	Sprinkler Head
	Sign
	Test Bore
	Guard Post
	Stump
	Mailbox

LEGEND	
	I.P. INLET PROTECTION
	987 PROPOSED CONTOUR
	987 EXISTING CONTOUR
	DL DISTURBANCE LIMITS
	SILT FENCE
	ORANGE CONSTRUCTION FENCE
	SOIL DELINEATION LINE
	TEMPORARY SEEDING
	MISC. BMP (Ditch, Ditch/Drainage, Fence, Water, Fuel Tank)
	STONE CONSTRUCTION ENTRANCE
	ROCK CHANNEL PROTECTION
	SOIL TYPE CLAY-SILT CLAY LOAM

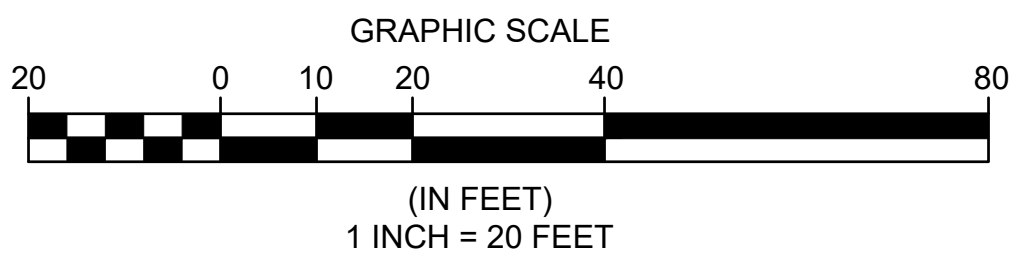


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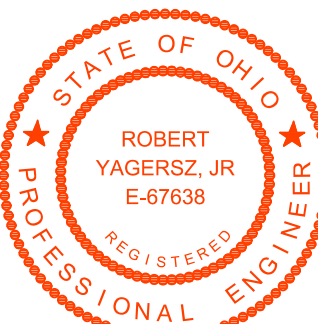
NOTE: THIS SURVEY SUBJECT TO CHANGE UPON RECEIPT OF ANY  
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REV. No.	DATE	BY	DATE	BY

STATE OF OHIO  
REGISTERED PROFESSIONAL ENGINEER  
ROBERT  
YAGERSZ, JR.  
E-67638

DATE: 1/25/24 DRAWN: JNG  
SCALE: HOR. 1"=20' VERT. N/A  
FOLDER: DWG/Proj. Engineering  
FILENAME: Improvement Plans  
TAB: 04-Grading & SWP3  
BNDRY. CHK: RAT-10/23/2023  
BASE. CHK: XXX-xx/xx/20xx



DATE: 1/25/24 DRAWN: JNG  
SCALE: HOR. 1"=20' VERT. N/A  
FOLDER: DWG/Proj. Engineering  
FILENAME: Improvement Plans  
TAB: 04-Grading & SWP3  
BNDRY. CHK: RAT-10/23/2023  
BASE. CHK: XXX-xx/xx/20xx

GRADING AND DRAINAGE NOTES:  
GRADING SURROUNDING DRAINAGE STRUCTURES SHALL HAVE A UNIFORM SLOPE FROM  
THE LAST GIVEN ELEVATION TO THE CATCH BASIN OR DRAIN INLET.

CONTRACTOR SHALL BLEND NEW EARTHWORK WITH EXISTING CONTOURS.

CONTRACTOR SHALL ENSURE THAT ALL SURFACES POSITIVELY DRAIN TO PROPOSED  
STRUCTURES AND SURFACE DRAINAGE OF ADJACENT PARCELS ARE NOT IMPACTED.

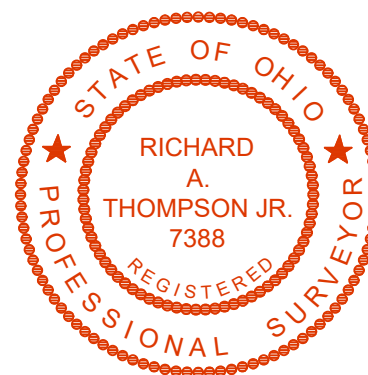
SITE PAVEMENT SHALL SLOPE UNIFORMLY FROM LAST GIVEN GRADE AT BUILDING TO  
PAVEMENT UNLESS NOTED OTHERWISE.

ENGINEERED FILL SHALL BE PLACED UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER.

TOPSOIL TO BE RESPREAD TO FINAL GRADE IN ALL AREAS TO BE SEEDDED

ANY FIELD TILE OR STORM PIPE INTERCEPTED BY OTHER EXCAVATIONS SHALL BE  
RECONNECTED.

NOTE:  
ANYONE USING ELEVATIONS ASSOCIATED WITH  
THIS PLAN SHALL UTILIZE & CHECK INTO BOTH  
BENCHMARKS FOR VERTICAL CONTROL. POLARIS  
SHALL BE NOTIFIED IMMEDIATELY OF ANY  
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RICHARD A. THOMPSON, JR., P.S. #7388

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GRADING & SWP3 PLAN

PREPARED FOR:  
LAKE METROPARKS  
11211 SPEAR ROAD  
CONCORD, OHIO  
PHONE: (440) 639-9126  
CONTACT: SETH OLDHAM

CONTRACT No.

23174

SHEET	OF
04	07







Specifications  
for  
Construction Entrance

1. Stone Size—GDOT # 2 (1.5-2.5 inch) stone shall be used, or recycled concrete equivalent.

2. Length—The construction entrance shall be as long as required to stabilize high traffic areas but not less than 70 ft. Exception: apply 30 ft. minimum to single residential lots.

3. Thickness—The stone layer shall be at least 6 inches thick for light duty entrances or at least 10 inches for heavy duty use.

4. Width—The entrance shall be at least 14 feet wide, but not less than the full width at points where ingress or egress occurs.

5. Geotextile—A geotextile shall be laid over the entire area prior to placing stone. It shall be composed of strong no-stretch polymeric fibers and meet the following specifications:

Figure 7-1.1

Minimum Tensile Strength	200 lbs.
Minimum Puncture Strength	80 psi
Minimum Tear Strength	60 lbs.
Minimum Burst Strength	330 psi
Minimum Elongation	25%
Equivalent Opening Size	EQS < 0.85 mm.
Permeability	1 x 10 <sup>-3</sup> cm/sec.

6. Timing—The construction entrance shall be installed as soon as is practicable before major grading activities.

7. Culvert—A pipe or culvert shall be constructed under the entrance if needed to prevent surface water from flowing across the entrance or to prevent runoff from being discharged along its length.

8. Water Bar—A water bar shall be constructed as part of the construction entrance if needed to prevent surface runoff from flowing the length of the construction entrance and out onto paved surfaces.

9. Maintenance—Top dressing of additional stone shall be applied as conditions demand. After spilling, dragged, washed or tracked onto public roads, or any surface where runoff is not checked by sediment controls, shall be removed immediately. Removal shall be accomplished by scraping or sweeping.

10. Construction entrances shall not be relied upon to remove mud from vehicles and prevent off-site tracking. Vehicles that enter and leave the construction-site shall be restricted from muddy areas.

11. Removal—the entrance shall remain in place until the disturbed area is stabilized or replaced with a permanent roadway or entrance.

ABOVE-GRADE CONCRETE WASHOUT PIT

PLAN VIEW

SECTION

BELOW-GRADE CONCRETE WASHOUT PIT

PLAN VIEW

SECTION

Specifications  
for  
Silt Fence

1. Silt fence shall be constructed before upslope land disturbance begins.

2. All silt fence shall be placed as close to the contour as possible so that water will not concentrate at low points in the fence and so that small weaves or depressions that may carry small concentrated flows to the silt fence are eliminated along its length.

3. Ends of the silt fence shall be brought upslope slightly so that water ponded by the silt fence will be prevented from flowing around the ends.

4. Sediment deposits shall be routinely removed when the deposit reaches approximately one-half of the height of the silt fence.

5. Silt fence shall be inspected after each rainfall and at least daily during a prolonged rainfall. The location of existing silt fence shall be reviewed daily to ensure its proper location and effectiveness. If damaged, the silt fence shall be repaired immediately.

6. The height of the silt fence shall be a minimum of 16 inches above the original ground surface.

7. The silt fence shall be placed in an excavated or sloped trench out to a minimum of 6 inches deep. The trench shall be made with a trencher, cable laying machine, digging machine, or other suitable device that will ensure an adequately uniform trench depth.

8. The silt fence shall be placed with the stakes on the downslope side of the geotextile. A minimum of 8 inches of geotextile must be below the ground surface. Stone material shall lay on the bottom of the 6-inch deep trench. The trench shall be backfilled and compacted on both sides of the fabric.

9. Seams between sections of silt fence shall be spliced together only at a support post with a minimum 6-in. overlap prior to driving into the ground. (See detail).

10. Maintenance—Silt fence shall allow runoff to pass only as diffuse flow through the geotextile. If runoff overtopps the fence ends, or in any other way allows a concentrated flow discharge, one of the following shall be performed, as appropriate: 1) the layout of the silt fence shall be changed; 2, accumulated sediment shall be removed; or 3) other practices shall be installed.

11. Silt fence shall be placed in an excavated or sloped trench out to a minimum of 6 inches deep. The trench shall be made with a trencher, cable laying machine, digging machine, or other suitable device that will ensure an adequately uniform trench depth.

12. The height of the silt fence shall be a minimum of 16 inches above the original ground surface.

13. The silt fence shall be placed in an excavated or sloped trench out to a minimum of 6 inches deep. The trench shall be made with a trencher, cable laying machine, digging machine, or other suitable device that will ensure an adequately uniform trench depth.

14. The silt fence shall be placed with the stakes on the downslope side of the geotextile. A minimum of 8 inches of geotextile must be below the ground surface. Stone material shall lay on the bottom of the 6-inch deep trench. The trench shall be backfilled and compacted on both sides of the fabric.

15. Silt fence fabric—See chart below.

Table 6.3.2 Minimum criteria for Silt Fence Fabric (PVC 600)

PARAMETER	MINIMUM	TEST METHOD
Minimum Tensile Strength	120 lb. (53 N)	ASTM D 4852
Minimum Elongation at 60 lb.	50%	ASTM D 4852
Minimum Puncture Strength	50 lb. (22 N)	ASTM D 4852
Minimum Tear Strength	40 lb. (18 N)	ASTM D 4852
Equivalent Opening Size	< 0.85 mm.	ASTM D 4751
UV Exposure Strength Retention	70%	ASTM D 4852

FLEXSTORM P/Ns 62MSQFX

SQ INLET TYPE: RAISED CAST IRON FRAME AND FLAT RECTANGULAR/SQUARE GRATE

1. RATINGS SHOWN ARE FOR STANDARD 22" BAG DEPTH, "SHORT" 12" DEPTH BAGS ARE AVAILABLE WITH -S SUFFIX. RATINGS REDUCED BY -50%.

2. THE FOLLOWING REQUIRES ADDITIONAL REVIEW

3. GRATES WITH EXTENDED BOTTOMS

4. ANY OBSTRUCTED INLET OPENINGS

ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC. A DIVISION OF ADO, INC. 18650 287-8625 PH 4380 287-2477 FX INFINITI@FILTERS.COM

C SQ INLET C-62MSQFX-PC

FLEXSTORM P/Ns 62LCBFX

SQCB INLET TYPE: RAISED CAST IRON FRAME AND GRATE WITH CURB HOOD

1. RATINGS SHOWN ARE FOR STANDARD 22" BAG DEPTH, "SHORT" 12" DEPTH BAGS ARE AVAILABLE WITH -S SUFFIX. RATINGS REDUCED BY -50%.

2. THE FOLLOWING REQUIRES ADDITIONAL REVIEW

3. GRATES WITH EXTENDED BOTTOMS

4. ANY OBSTRUCTED INLET OPENINGS

ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC. A DIVISION OF ADO, INC. 18650 287-8625 PH 4380 287-2477 FX INFINITI@FILTERS.COM

C SQCB INLET C-62LCB-FX

REV. No.

DATE

BY

STATE OF OHIO  
ROBERT YAGERSZ, JR.  
E-67638  
PROFESSIONAL ENGINEER

DATE: 1/25/24 DRAWN: JNG  
SCALE: HOR. 1"=20' VERT. N/A  
FOLDER: DWG/Proj. Engineering  
FILENAME: Improvement Plans  
TAB: 06-SWP3 Details  
BNDRY. CHK: RAT-10/23/2023  
BASE. CHK: XXX-xx/xx/20xx

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FILENAME: Improvement Plans  
TAB: 06-SWP3 Details  
BNDRY. CHK: RAT-10/23/2023  
BASE. CHK: XXX-xx/xx/20xx

PREPARED FOR:  
LAKE METROPARKS  
1211 SPEAR ROAD  
CONCORD, OHIO  
PHONE: (440) 639-9126  
CONTACT: SETH OLDFHAM

CONTRACT No.

23174

SHEET

OF

0607

PINE RIDGE  
COUNTRY CLUB

CITY OF WICKLIFFE - LAKE COUNTY - OHIO

POLARIS ENGINEERING & SURVEYING, INC.  
34600 CHARDON ROAD - SUITE D  
WILLOUGHBY HILLS, OHIO 44094  
(440) 944-4433 (440) 944-3722 (Fax)  
www.polaris-es.com

polaris  
Engineering & Surveying

SWP3 DETAILS

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CONCORD, OHIO  
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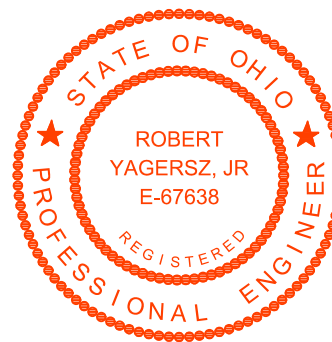
SHEET

OF

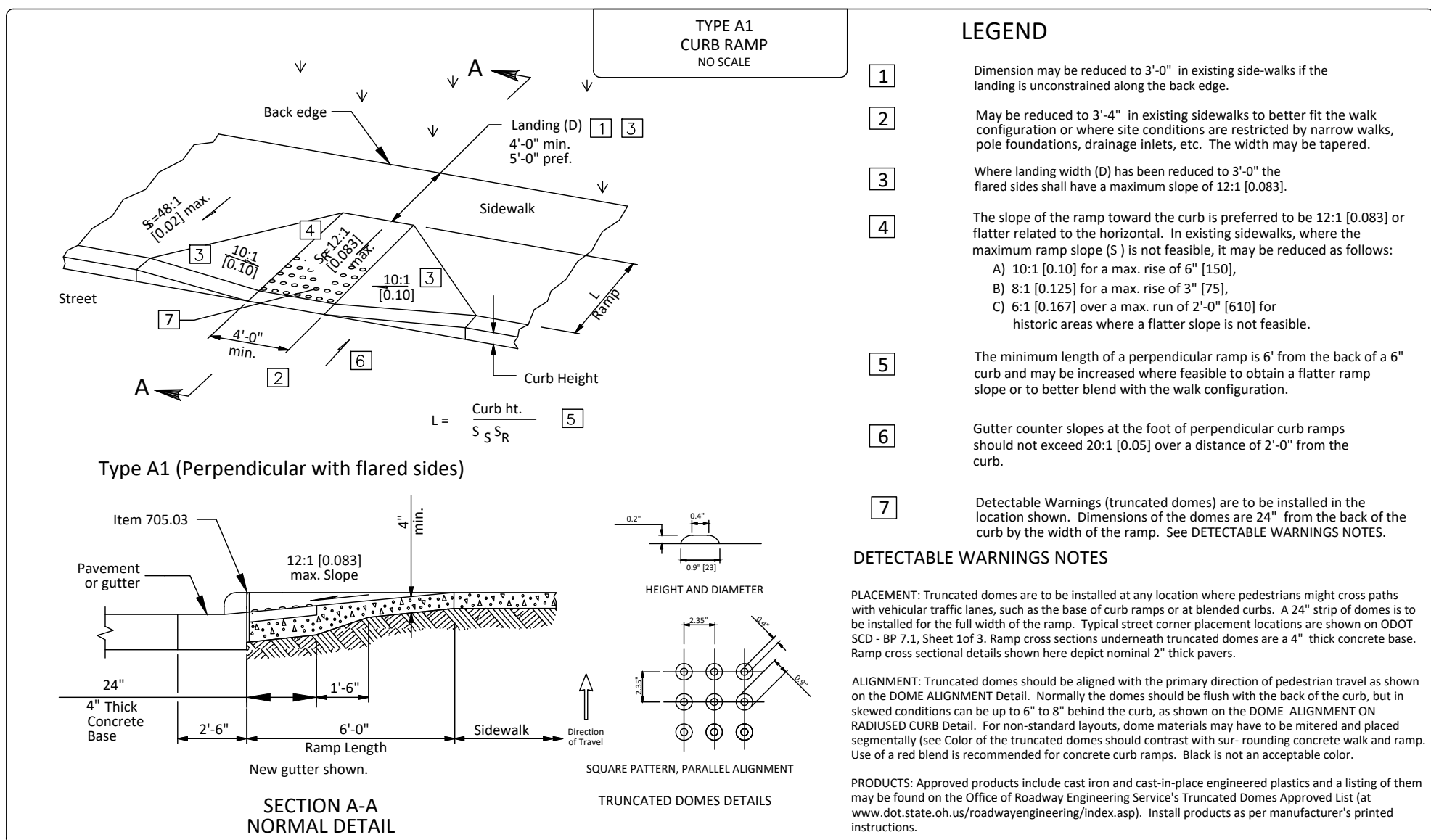
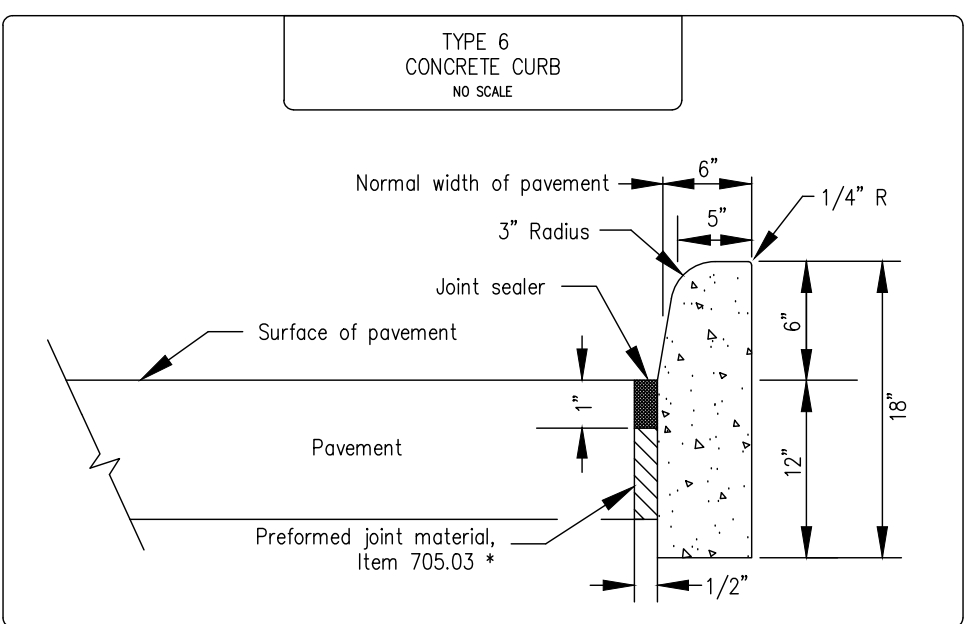
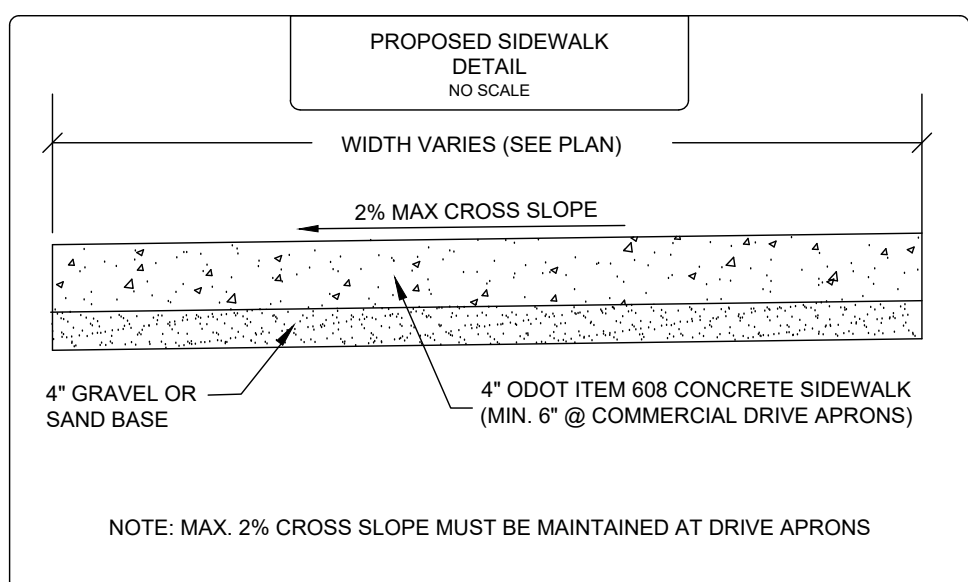
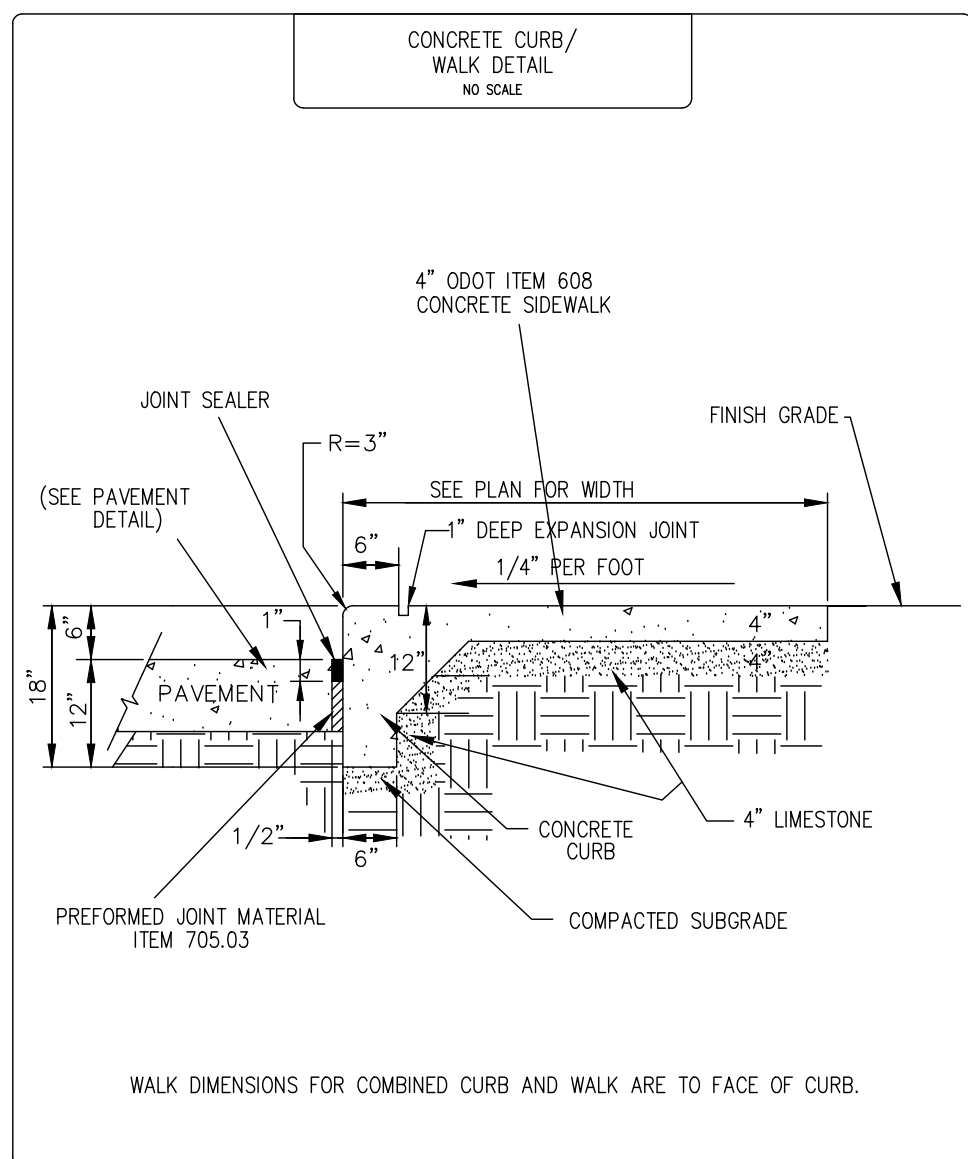
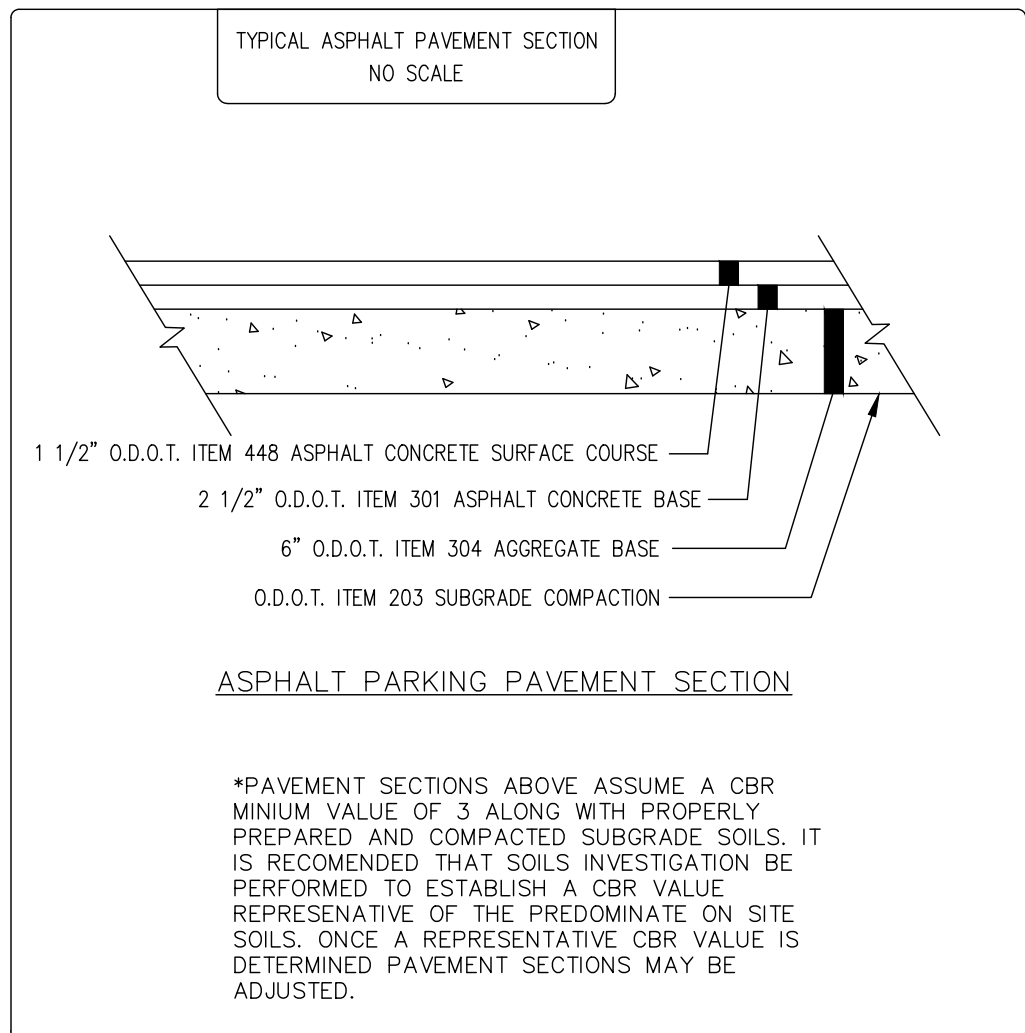
0607



REV. No.		DATE	BY



DATE: 1/25/24 DRAWN: JNG  
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FILENAME: Improvement Plans  
TAB: 07-Details  
BN DY. CHK: RAT-10/23/2023  
BASE. CHK: XXX-xx/xx/20xx



# PINE RIDGE COUNTRY CLUB

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## DETAILS

**PREPARED FOR:  
LAKE METROPARKS  
11211 SPEAR ROAD  
CONCORD, OHIO  
PHONE: (440) 639-9126  
CONTACT: SETH OLDHAM**

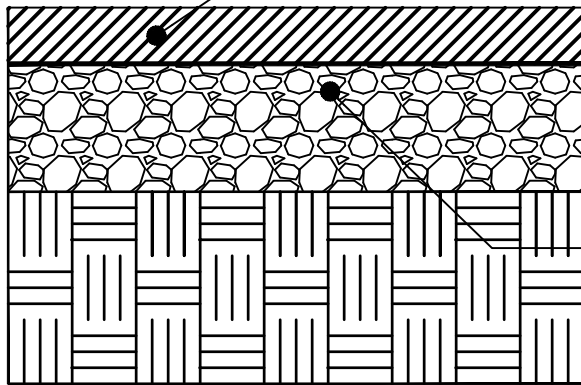
**CONTRACT No.**

**23174**

**SHEET**

OF



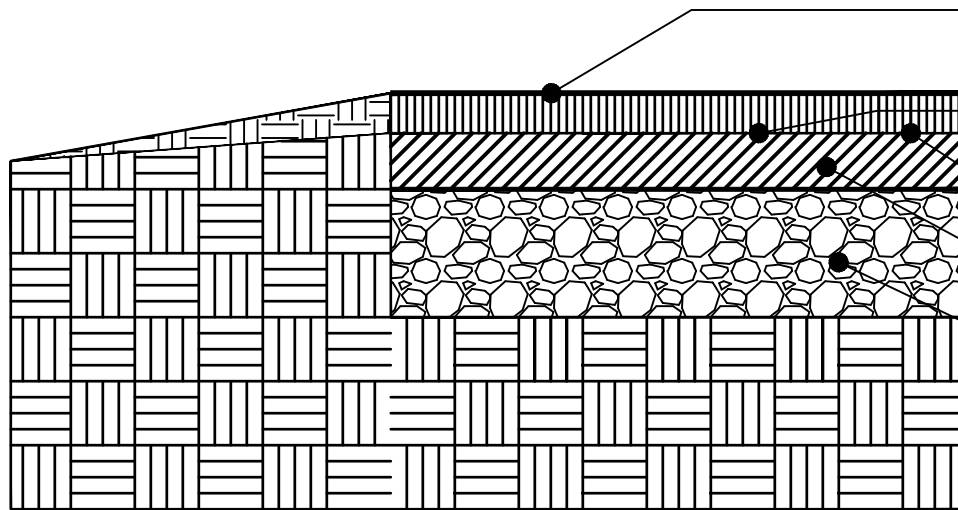


Remove Existing Asphalt, Replace with  
ODOT #301 (4" Compacted Depth)

Rework & Compact Existing Aggregate Base, as Necessary

## 1 FULL DEPTH REPAIR, AS PER PLAN (AS MARKED)

**+/- 36 SY**



ODOT #448  
(1.5" Uniform Compacted Depth)

ODOT #254 Pavement  
Planing 1.5" Depth

Tack Coat

Existing Asphalt Pavement

Existing Aggregate

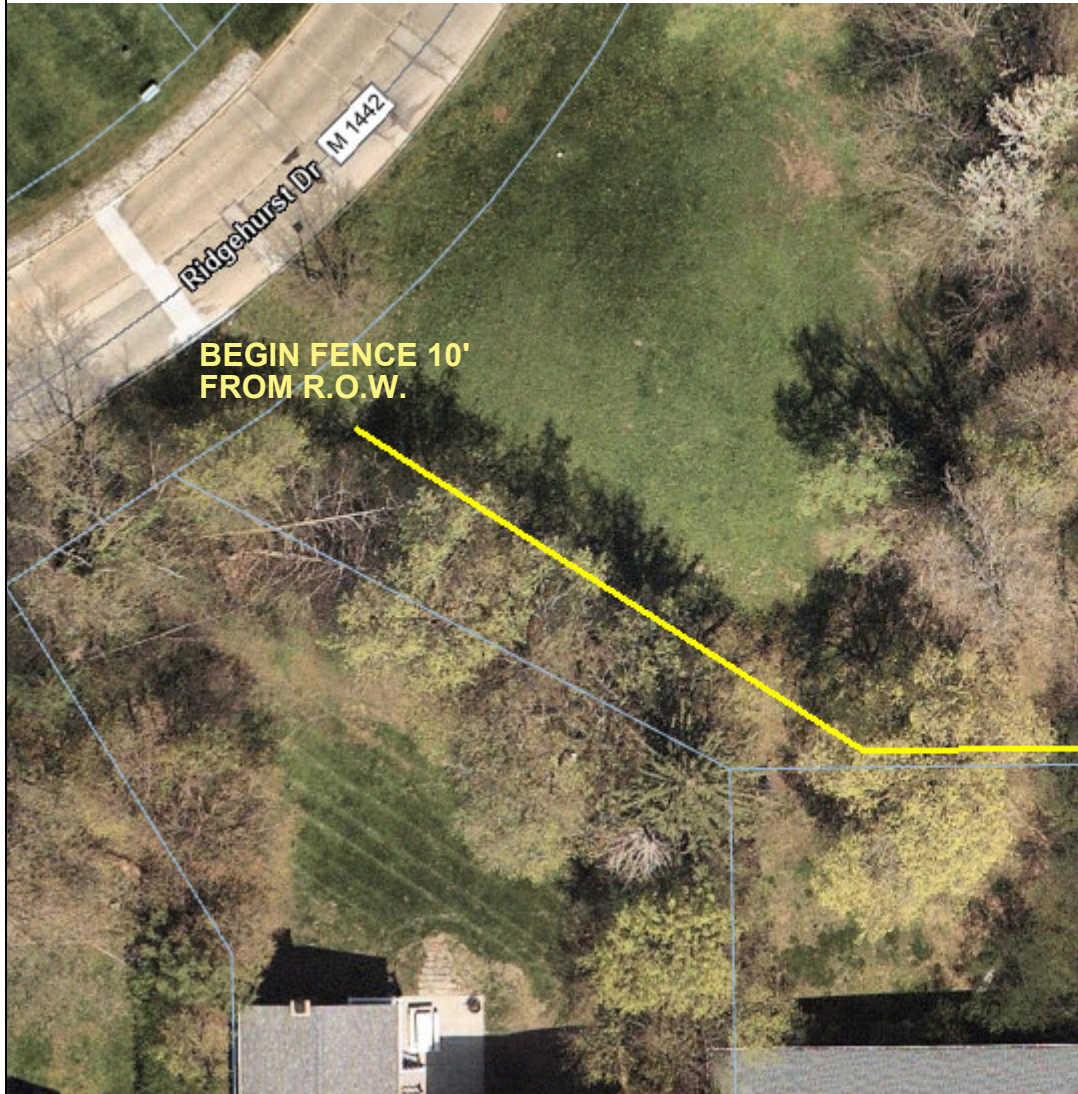
## 2 ASPHALT PAVEMENT MILL & OVERLAY

**+/- 385 SY**

ADD ALTERNATE ONE - PAVEMENT MILL  
& RESURFACE WITH BASE REPAIR



## Vinyl Privacy Fence Installation



Match fence style, or approved equal.

**Property lines will be surveyed by others prior to construction.**

**+/- 175 LF of Six (6') Foot Vinyl Fence**

1 inch = 30 feet

