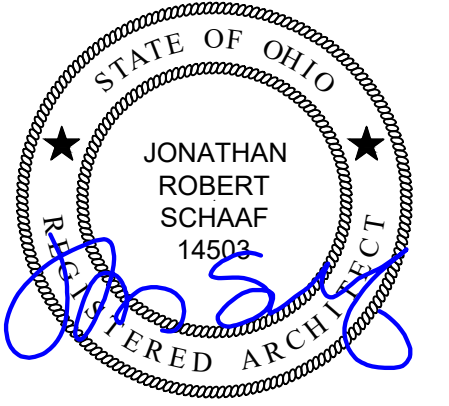


# Parking Lot Improvements 2026 at: Piqua High School

1 Indian Trail  
Piqua, OH 45356



Jonathan Robert SchAAF #14503  
Expiration Date 12/31/2027

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Parking Lot Improvements 2026 at:  
**Piqua High School**  
1 Indian Trail  
Piqua, OH 45356

## OWNER



215 Looney Road  
Piqua, OH 45356

## DESIGN TEAM

### ARCHITECT:



7662 PARAGON ROAD | DAYTON, OH 45469 | 937.610.3440

### CIVIL ENGINEER



35 North Cherry Street | Garsington, Ohio 45327 | Phone: 937-388-8866 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

### PME ENGINEER



L2 ENGINEERING  
7949 Washington Woods Drive  
Dayton, OH 45459  
937.361.6731

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## CODE REVIEW

**PROJECT DESCRIPTION:**  
1. CONSTRUCTION OF A NEW ASPHALT PARKING LOT TO THE NORTH OF THE FOOTBALL STADIUM.  
2. CONSTRUCTION OF A NEW ASPHALT DRIVE TO THE WEST OF THE FOOTBALL STADIUM SOUTH TO THE STORAGE BUILDING.  
3. CONSTRUCTION OF A NEW ASPHALT DROP OFF AREA TO THE EAST OF THE FOOTBALL STADIUM.  
4. CONSTRUCTION OF A NEW ASPHALT PARKING LOT TO THE NORTH OF THE TENNIS COURTS. (ADD ALT. #1 / ADD ALT. #3)  
5. SITE AND STORM DRAINAGE IMPROVEMENTS.

**AUTHORITY HAVING JURISDICTION:**  
ZONING PERMIT - CITY OF PIQUA  
BUILDING PERMIT - MIAMI COUNTY

**ZONING CODE:**  
CITY OF PIQUA

**BUILDING CODE:**  
2024 OBC (OHIO EXISTING BUILDING CODE)  
2024 OBC (OHIO BUILDING CODE)

**CHAPTER 18: SOILS**  
TABLE 1806.2: SOIL BEARING CAPACITY. REFER TO THE GEO-TECHNICAL REPORT #200609428-0326-053 AS PREPARED BY BOWSER MORNER DATED MARCH 10, 2026.

## GENERAL PROJECT NOTES

### SECTION 01 09 00: GENERAL REQUIREMENTS

- PERMITS:**
  - CONFORM TO THE 2024 OHIO EXISTING BUILDING CODE AND 2024 OHIO BUILDING CODE, AND ALL OTHER LOCAL GOVERNING CODES AND ORDINANCES HAVING THE AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK.
  - VERIFY ALL PERMITS HAVE BEEN APPROVED BY APPROPRIATE AGENCIES PRIOR TO START OF CONSTRUCTION. NO CONSTRUCTION OR FABRICATION OF ANY ITEMS SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY DOCUMENTATION FROM ALL OF THE PERMITTING AND REGULATORY AUTHORITIES. FAILURE OF THE CONTRACTOR TO FOLLOW THIS PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE WORK MANDATED BY AN REGULATORY AUTHORITY.
  - PAY FOR ALL REQUIRED PERMITS. WORK SHALL NOT BEGIN UNTIL ALL NECESSARY PERMITS ARE OBTAINED.
  - ARCHITECT IS NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM WORK STARTED PRIOR TO OBTAINING ALL PERMITS / GOVERNING AGENCIES APPROVALS.
  - MAINTAIN A COPY OF APPROVED PERMIT DRAWINGS ON-SITE FOR INSPECTION PURPOSES. COORDINATE WITH BUILDING DEPARTMENT.
  - NOTIFY THE BUILDING DEPARTMENT WHEN WORK IS READY FOR INSPECTION. FOLLOW ALL REQUIREMENTS OF BUILDING DEPARTMENT. PROVIDE ACCESS FOR ALL INSPECTORS.
  - MAINTAIN RECORDS OF INSPECTIONS ON THE JOB SITE IN ACCORDANCE WITH REQUIREMENTS OF BUILDING DEPARTMENT.
  - PAY ALL FEES REQUIRED BY INSPECTIONS, EXCEPT FOR INSPECTIONS MADE BY OWNER OR ITS AGENTS.
  - COMPLETE ALL WORK TO THE HIGHEST STANDARDS OF CRAFTSMANSHIP BY EACH RESPECTIVE TRADE.
- TESTING / INSPECTION ALLOWANCES:** CLIENT / OWNER WILL PROCURE TESTING AND SPECIAL INSPECTION FIRM AS REQUIRED BY CONDITIONS AND INTENT INDICATED ON DRAWINGS. CONTRACTOR TO COORDINATE ALL INSPECTIONS.
- TRASH / DEBRIS:** PROVIDE ALL REQUIRED TRASH DUMPSTERS, HAULING, ETC. AS REQ'D FOR THE PROJECT. KEEP JOB SITE CLEAN DURING CONSTRUCTION. PERIODICALLY AND PROMPTLY REMOVE ALL DEBRIS FROM SITE IN A LEGAL MANNER.
- FINAL CLEANING:** PROVIDE FINAL CLEANING PRIOR TO FINAL INSPECTION AND TURN OVER OF THE PROJECT.
- CONSTRUCTION SAFETY:** CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SAFETY; COMPLIANCE TO BE IN ACCORDANCE WITH ALL STATE, FEDERAL, AND O.S.H.A. REGULATIONS. ARCHITECT AND CONTRACTORS ARE NOT RESPONSIBLE FOR ANY DAMAGES RESULTING FROM THE NEGLECT OF TIMELY AND RESPONSIBLE MAINTENANCE OF THE PROJECT BY THE OWNER AFTER PROJECT COMPLETION.
  - ALL FIRE EXITS ARE TO REMAIN CLEAR AND OPEN DURING ALL PHASES OF CONSTRUCTION IF APPLICABLE.
  - TEMPORARY PROTECTION / BARRICADES: ERECT ALL REQ'D TEMPORARY PROTECTION AND BARRICADES TO ALLOW CONTINUED USE OF THE FACILITY. COORDINATE WITH CLIENT / OWNER AS REQ'D.
- FIRE PREVENTION:** PROVIDE FIRE EXTINGUISHERS AT THE JOBSITE. PROVIDE FIRE WATCH FOR ALL HOT WORK ACTIVITIES INCLUDING CUTTING, WELDING, AND OTHER CONSTRUCTION OPERATIONS THAT ARE CAPABLE OF STARTING FIRES. CONFORM TO OWNER AND FIRE DEPARTMENT REQUIREMENTS.
- TEMPORARY UTILITIES:**
  - UTILIZE EXISTING ELECTRIC SERVICE, WATER, AND HVAC IF AVAILABLE.
  - PROVIDE TEMPORARY LIGHTING FOR CONSTRUCTION PURPOSES.
  - PROVIDE TEMPORARY VENTILATION, FILTRATION MEDIA, ETC. AS REQ'D TO PROPERLY VENTILATE THE CONSTRUCTION AREA AS WELL AS TO PREVENT DUST, DIRT, DEBRIS FROM ENTERING OTHER PORTIONS OF THE FACILITY.
  - PROVIDE PORTABLE TOILET FACILITIES FOR CONSTRUCTION PURPOSES.

### 8. PRODUCTS:

- INSTALL ALL MATERIALS, EQUIPMENT, APPLIANCES, ETC. ACCORDING TO MANUFACTURERS SPECIFICATIONS, RECOMMENDATIONS, AND INSTRUCTIONS, WHETHER A COMPLETE SYSTEM OR A COMPONENT PART OF A COMPLETE CONSTRUCTION SYSTEM.
  - CLIENT / OWNER TO COORDINATE AND SELECT ALL FINAL FINISHES / SELECTIONS. COORDINATE ALL REQUIREMENTS OF FINISH SELECTIONS, AND CORRELATION BETWEEN FINISHES, TRIM COMPONENTS, ETC. PROVIDE MOCKUPS OF WORK/FINISHES AS APPLICABLE TO ENSURE CONFORMANCE WITH THE DESIGN INTENT.
  - COMPLY WITH ALL ACCESSIBILITY / ADA REQUIREMENTS. ENSURE ALL WORK, FINISHES, FIXTURES, AND ACCESSORIES ARE PROVIDED AND INSTALLED TO ENSURE COMPLIANCE.
  - ITEMS MAY BE REFERRED TO AS SINGULAR, OR PLURAL ON THE DRAWINGS AND SPECIFICATIONS. CONTRACTOR TO DETERMINE QUANTITY OF EACH ITEM REQUIRED.
- 9. COORDINATION:**
- COORDINATE ALL SPECIFIC WORK / SCOPE ITEMS WITH CLIENT.
  - COORDINATE ALL WORK / SCOPE BETWEEN SUB-CONTRACTORS, SUPPLIERS, AND VENDORS BASED ON THE ENTIRE SET OF DOCUMENTS. PROVIDE ANY REQ'D ADAPTATIONS TO ACCOMMODATE FIELD CONDITIONS PRIOR TO ORDERING, FABRICATION, OR INSTALLATION.
  - PROVIDE FULL SET OF CONSTRUCTION DOCUMENTS TO ALL SUB-CONTRACTORS.
  - NO ADDITIONAL COMPENSATION TO CONTRACTOR FOR ISSUES RESULTING FROM THE USE OF AN INCOMPLETE SET OF CONSTRUCTION DOCUMENTS.
  - NOTIFY ARCHITECT IMMEDIATELY IN WRITING OF ERRORS, OMISSIONS, INCONSISTENCIES, OR DISCREPANCIES BETWEEN CONTRACT DOCUMENTS, DRAWINGS, SPECIFICATIONS, ETC. PRIOR TO PROCEEDING WITH WORK. ANY SITE / JOB CONDITIONS THAT ARISE AND CAUSE CONTRACTOR TO VARY FROM CONTRACT DOCUMENTS IS THE RESPONSIBILITY OF THE CONTRACTOR IF NOT REPORTED TO ARCHITECT PRIOR TO PROCEEDING.
  - DO NOT SCALE DRAWINGS
  - "N.I.C." INDICATES WORK AND / OR MATERIALS NOT IN THE CONTRACT OF THE CONTRACTOR. THIS DOES NOT RELIEVE THE CONTRACTOR OF ALL ASPECTS OF COORDINATION.
  - EXAMINE AND BECOME FAMILIAR WITH SITE AND JOB CONDITIONS PRIOR TO START OF WORK. VERIFY ALL DIMENSIONS, EXISTING CONDITIONS, INFORMATION IN THE DRAWINGS, AVAILABLE UTILITIES, ETC. GOVERNING THEIR SCOPE OF THE WORK. NOTIFY ARCHITECT IN WRITING OF ANY AND ALL DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONTRACT DOCUMENTS.
  - COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF CONDITIONS.
  - CONTACT CLIENT OR ARCHITECT REGARDING ALL QUESTIONS OR DISCREPANCIES. COMMUNICATION WITH ARCHITECT'S CONSULTANTS OR OTHERS IS NOT CONSIDERED VALID AND ANY RESULTANT CHANGES IN WORK, ADDITIONAL COSTS, APPROVALS, PERMITS, ETC. IS THE CONTRACTOR'S RESPONSIBILITY.
  - CONTRACT DOCUMENTS, DRAWINGS, OR DETAILS IN THIS SET MAY INDICATE TYPICAL CONDITIONS WHICH MAY VARY FROM ACTUAL CONSTRUCTION. COORDINATE CONDITIONS / DETAILS WITH CLIENT.

## WALL / SYMBOL LEGEND

#	NEW CONSTRUCTION KEY NOTE
#	SECTION TAG
N A-1 E S	ELEVATION TAG

THE PLANS AND SPECIFICATIONS ARE INTENDED TO DEPICT THE GENERAL SCOPE, LAYOUT AND QUALITY OF WORKMANSHIP REQUIRED. THE DOCUMENTS ARE NOT AN 'INSTRUCTION MANUAL' TO EXECUTE THE WORK NOR ARE THEY INTENDED TO SHOW OR DESCRIBE IN DETAIL EVERY ITEM NECESSARY FOR THE PROPER INSTALLATION OF THE WORK. THE MEANS AND METHODS REQUIRED TO EXECUTE THE WORK DESCRIBED IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THE ANCILLARY WORK REQUIRED, WHETHER EXPLICITLY STATED OR NOT, FOR THE PROPER COMPLETION OF THE WORK AS INTENDED. THE CONTRACTOR IS REQUIRED TO MEET OR EXCEED BUILDING CODE REQUIREMENTS, APPLICABLE INDUSTRY STANDARDS, ASTM STANDARDS, AND/OR MANUFACTURER INSTALLATION REQUIREMENTS AS THEY RELATE TO THE WORK.

THE PLANS AND SPECIFICATIONS REPRESENT A SINGLE COMPLETE DESIGN PACKAGE INDICATING THE INTENDED SCOPE OF THE PROJECT IN ITS ENTIRETY. AS SUCH, THE PROJECT IS STRUCTURED TO BE AWARDED TO A SINGLE PRIME CONTRACTOR. THE DOCUMENTS DO NOT DELINEATE BID PACKAGES OR ASSIGN RESPONSIBILITIES TO ANY SUBSEQUENT SUBCONTRACTORS. DICTATE CONSTRUCTION SEQUENCING, NOR PROVIDE COORDINATION BETWEEN ANY 'TRADES'. SUCH ACTIVITIES ARE THE RESPONSIBILITY OF THE HOLDER OF THE CONSTRUCTION CONTRACT. IN THE EVENT OF A DISCREPANCY WITHIN THE DRAWINGS OR BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT REPRESENTED IN THE DOCUMENTS SHALL PREVAIL.

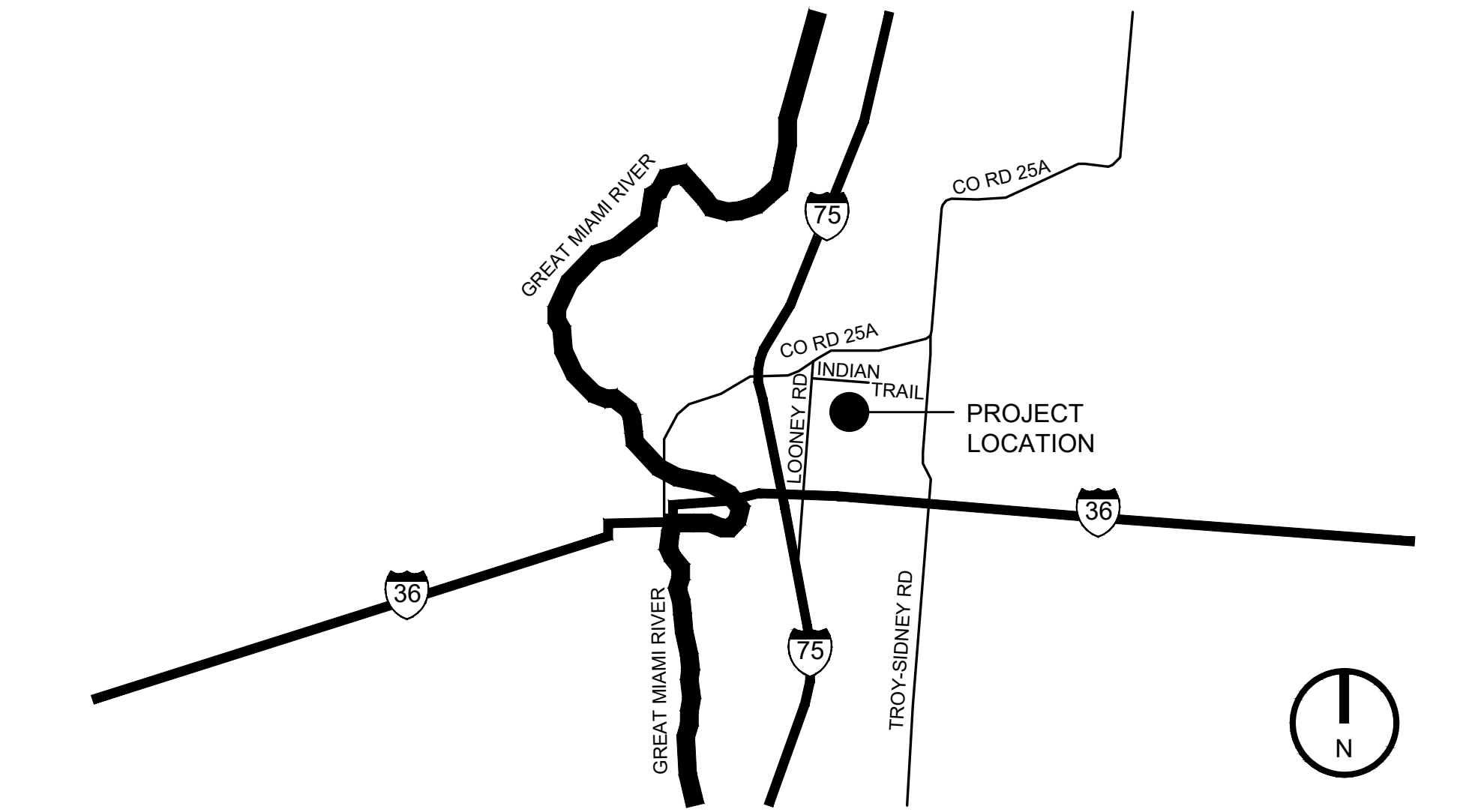
## RDA CONTRACT ADMINISTRATION

- RDA IS PROVIDING CONTRACT ADMINISTRATION SERVICES FOR THIS PROJECT. CONTRACTOR AND CLIENT / OWNER ARE RESPONSIBLE TO COORDINATE THE PROPOSED WORK, SCHEDULES, INSTALLATIONS, PERMITS, INSPECTIONS, ETC.
- CONTACT ARCHITECT FOR CLARIFICATION SHOULD THERE BE QUESTIONS REGARDING THE INTERPRETATION OR INTENT OF THE DOCUMENTS, FIELD DISCOVERY, ETC. THAT WOULD IMPACT OR AFFECT THE WORK AS PROPOSED. RDA IS NOT BE LIABLE FOR DEVIATIONS, FIELD CHANGES, AND CLIENT / OWNER CHANGES DURING CONSTRUCTION.
- FIELD CONFIRM ALL EXISTING CONDITIONS, PROPOSED INSTALLATIONS AND HOW THEY INTERFACE TO ENSURE THE SYSTEMS CAN BE INSTALLED PER THE INTENT OF THE DOCUMENTS AND TO MEET APPLICABLE BUILDING AND ZONING CODES, LOCAL REQUIREMENTS, CLIENT / OWNER REQUIREMENTS, ETC.
- MEET ALL APPLICABLE BUILDING AND ZONING CODES REQUIREMENTS WHETHER SPECIFICALLY NOTED HEREIN OR NOT. BUILDING CODES REPRESENT THE MINIMUM ACCEPTABLE STANDARD.
- INSTALL ALL PRODUCTS, MATERIALS, INSTALLATIONS, AND THE LIKE IN ACCORDANCE WITH APPLICABLE INDUSTRY STANDARDS, APPLICABLE MANUFACTURER'S DETAILS AND INSTRUCTIONS, IN ACCORDANCE WITH BEST PRACTICES, AND BUILDING CODE PROVISIONS.

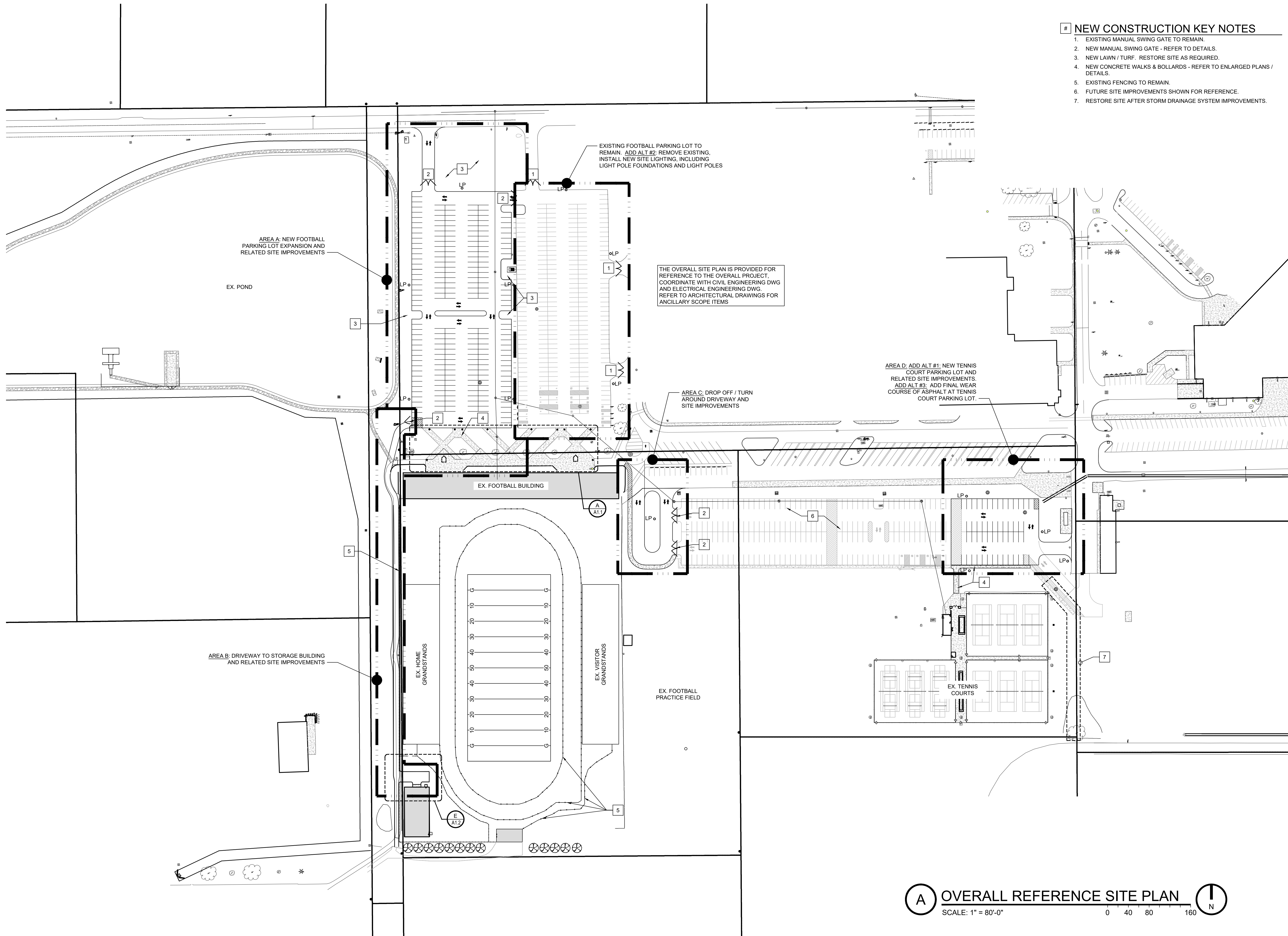
## ABBREVIATIONS

-	DEGREES	FD	FLOOR DRAIN	R / RAD	RADIUS
±	PLUS OR MINUS	FDN	FOUNDATION	RA	RETURN AIR
#	NOT EQUAL	FE	FIRE EXTINGUISHER	RB	RUBBER BASE
Ø	DIAMETER	FEC	FIRE EXTINGUISHER CABINET	RD	ROOF DRAIN
∠	ANGLE	FF	FINISH FLOOR	REF	REFRIGERATOR
⊥	CENTERLINE	FIN	FINISH / FINISHED	REINF	REINFORCE
⊥	PROPERTY LINE	FRT	FIRE RETARDANT TREATED	REQ'D	REQUIRED
ABV	ABOVE	FSE	FOOD SERVICE EQUIPMENT	REQ'MT	REQUIREMENT(S)
ADA	ACCESSIBLE / HANDICAP ACCESSIBLY / ACCESSIBILITY - ANSI ICC-117.1	FTG	FOOTING	REV	REVISION
AFF	ABOVE FINISH FLOOR	FV	FIELD VERIFY	RO	ROUGH OPENING
ALT	ALTERNATE	GA	GAUGE	R/W	RIGHT OF WAY
ALUM	ALUMINUM	GALV	GALVANIZED	SALV	SALVAGED
APPROX	APPOXIMATE	GC	GENERAL CONTRACTOR	SF	SQUARE FEET
ATC	ACOUSTIC TILE CEILING	GYP	GYP SUM	SIM	SIMILAR
BET/BETWN	BETWEEN	GYP BD	GYP SUM BOARD	SM	SHEET METAL
BLKG	BLOCKING	HB	HOSE BIBB	SPEC	SPECIFICATION
BRG	BEARING	HM	HOLLOW METAL	SQ	SQUARE
BSMT	BASEMENT	HOR	HORIZONTAL	SS	STAINLESS STEEL
BTM	BOTTOM	HT	HEIGHT	STD	STANDARD
CIP	CAST IN PLACE	HT	HEIGHT	STL	STEEL
CJ	CONTROL JOINT	INT	INTERIOR	T	TEMPERED
CL	CENTERLINE	JB	JUNCTION BOX	TBD	TO BE DETERMINED
CLG	CEILING	LL	LIVE LOAD	T&B	TOP AND BOTTOM
CLR	CLEAR	LLH	LONG LEG HORIZONTAL	T&G	TONGUE AND GROOVE
CMU	CONCRETE MASONRY UNIT	LLV	LONG LEG VERTICAL	T.O.	TOP OF
COL	COLUMN	LTL	LINTEL	TR	TREATED
CONC	CONCRETE	LL	LIVE LOAD	TYP	TYPICAL
CONT	CONTINUOUS	LLV	LONG LEG VERTICAL	UFAS	UNIFORM FEDERAL ACCESSIBILITY STANDARD
CPT	CARPET	LTL	LINTEL	UNO	UNLESS NOTED OTHERWISE
CT	CERAMIC TILE	MAX	MAXIMUM	UL	UNDERWRITER'S LABORATORY
DEMO	DEMOLISH / DEMOLITION	MECH	MECHANICAL	VB	VAPOR BARRIER
DF	DRINKING FOUNTAIN	MFR	MANUFACTURER	VERT	VERTICAL
DIA	DIAMETER	MIN	MINIMUM	W/	WITH
DIM	DIMENSION	MISC	MISCELLANEOUS	W/O	WITHOUT
DIV	DIVISION	MO	MASONRY OPENING	WI	WOOD
DP	DEEP	MS	METAL STUD	W.D.	WORK POINT
DS	DOWNSPOUT	MTD	MOUNTED	W.P.	WEATHER RESISTIVE BARRIER
DTL	DETAIL	MTL	METAL	WWF	WELDED WIRE FABRIC
DW	DISHWASHER	NIC	NOT IN CONTRACT		
DWG	DRAWING	NOM	NOMINAL		
EA	EACH	NTS	NOT TO SCALE		
EERO	EMERGENCY ESCAPE & RESCUE OPENING	OC	ON CENTER		
EIFS	EXTERIOR INSULATION FINISH SYSTEM	OH	OVERHEAD		
EJ	EXPANSION JOINT	OPG	OPENING		
ELEC	ELECTRIC / ELECTRICAL	OPP	OPPOSITE		
ELEV	ELEVATION / ELEVATOR	PEMB	PRE-ENGINEERED METAL BUILDING		
EQ	EQUAL	PL	PLATE / PROPERTY LINE		
EQUIP	EQUIPMENT	PTD	PAINTED		
EX	EXISTING	QT	QUARRY TILE		
EXP	EXPANSION	QTY	QUANTITY		

## VICINITY MAP

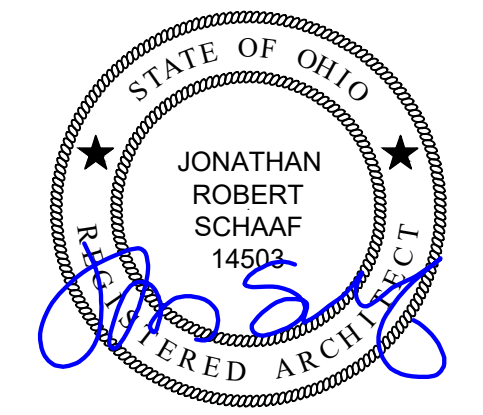


Project Number	
2025-167	
Date	
April 10, 2026	
Date	Issue
01.06.26	Review Set
02.20.26	Review Set
03.31.26	Review Set
04.07.26	Review Set
04.10.26	Construction/Bid Set
Sheet Title	
Project Title Sheet	
Sheet Number	
G1.1	



**# NEW CONSTRUCTION KEY NOTES**

1. EXISTING MANUAL SWING GATE TO REMAIN.
2. NEW MANUAL SWING GATE - REFER TO DETAILS.
3. NEW LAWN / TURF. RESTORE SITE AS REQUIRED.
4. NEW CONCRETE WALKS & BOLLARDS - REFER TO ENLARGED PLANS / DETAILS.
5. EXISTING FENCING TO REMAIN.
6. FUTURE SITE IMPROVEMENTS SHOWN FOR REFERENCE.
7. RESTORE SITE AFTER STORM DRAINAGE SYSTEM IMPROVEMENTS.



Jonathan Robert SchAAF #14503  
Expiration Date 12/31/2027

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**RDA GROUP ARCHITECTS**  
7662 PARAGON ROAD | DAYTON, OH 45459 | 937.610.3440



Parking Lot Improvements 2206 at:  
**Piqua High School**  
1 Indian Trail  
Piqua, OH 45356

Project Number  
2025-167

Date  
April 10, 2026

Date	Issue
01.06.26	Review Set
02.20.26	Review Set
03.31.26	Review Set
04.07.26	Review Set
04.10.26	Construction/Bid Set

Sheet Title  
Overall Reference Site Plan

Sheet Number

**G1.2**

**A OVERALL REFERENCE SITE PLAN**  
SCALE: 1" = 80'-0" 0 40 80 160 N

# SITE DEVELOPMENT PLANS FOR: PIQUA HIGH SCHOOL WEST PARKING LOTS

## 1 INDIAN TRAIL CITY OF PIQUA, MIAMI COUNTY, OHIO

### DEVELOPMENT / DESIGN TEAM

**OWNER / DEVELOPER**  
Piqua City Schools  
Contact: Jeremie Hittle  
Phone: 937.778.4512  
Email: hittlej@piqua.org

### CIVIL ENGINEER / CONSULTANT

Burkhardt Engineering  
Contact: Nathan Tirey  
Phone: 937.388.0060  
Email: ntirey@burkhardtinc.com

### ARCHITECT

RDA Group Architects  
Contact: Jonathan Schaaf  
Phone: 937.610.3440  
Email: jrs@rda-group.com

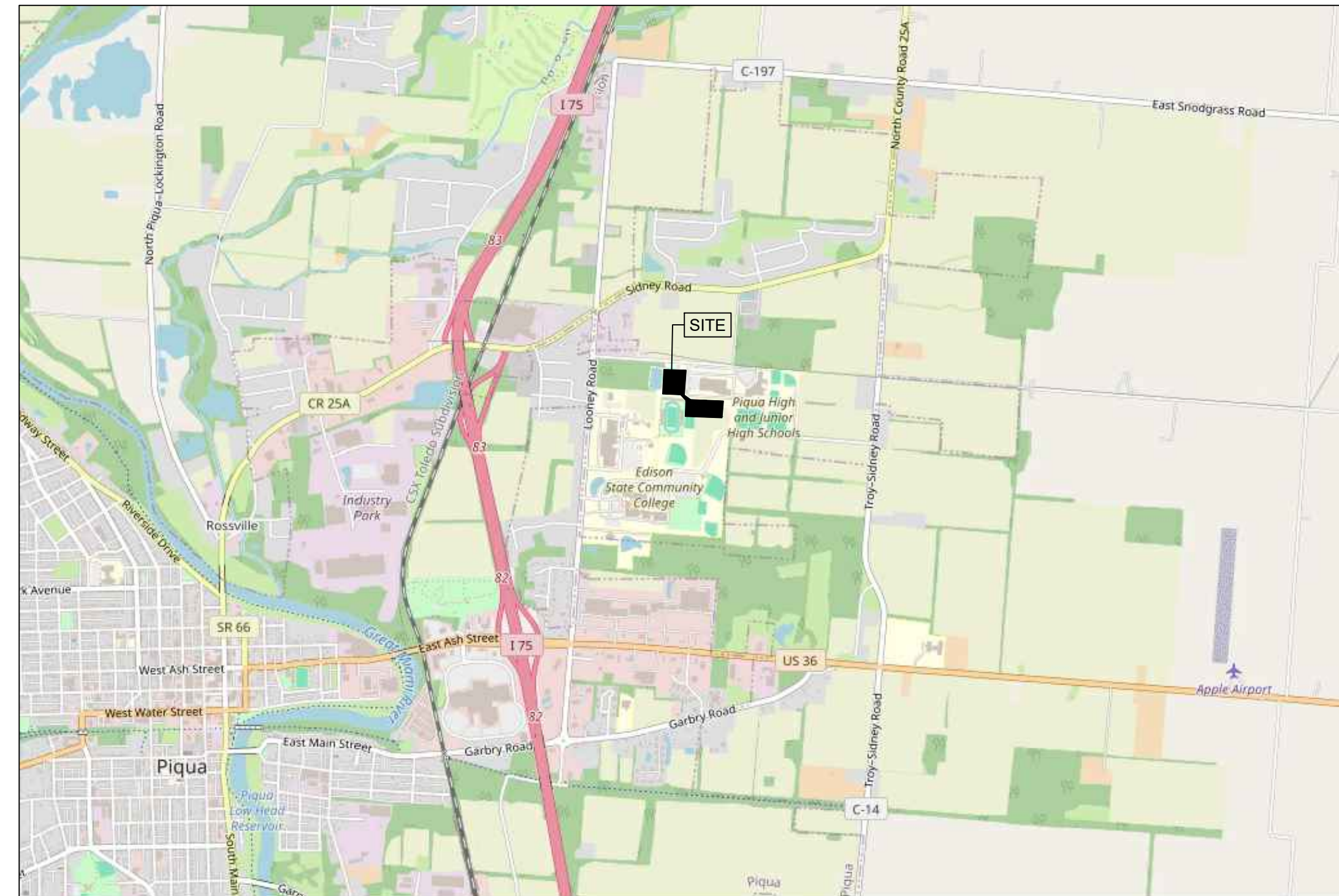
### PROJECT SUMMARY

Project will include the demolition and removal of utilities, vegetation, pavement, etc. as necessary to construct two new parking lots and their associated pavement, parking facilities, utilities, landscaping, signage and any other proposed improvements which are needed to service the facility.

### PROPERTY INFORMATION

Address: 1 Indian Trail, Piqua, Ohio 45356  
Legal Description: IL 7861(20.0000 ac, APN: N44-250302), PT IL 7860(11.6610 ac, APN: N44-250255), PT IL 7857(8.3390 ac, APN: N44-251284)  
Zoning: CV - Civic District  
Flood Zone Designation: FIRM # 39109C0062E, effective date: August 2, 2011.  
Zone "X" : Areas determined to be outside the 0.2% annual chance floodplain.

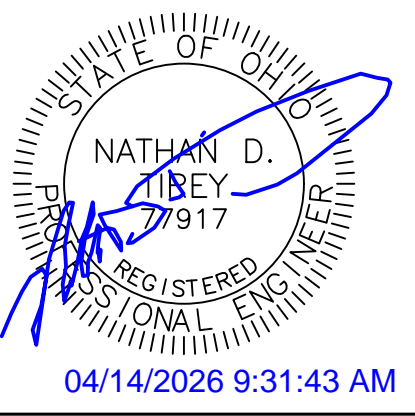
Note: Architectural, Electrical and Landscaping Plans (if applicable) are in a separate set.



VICINITY MAP  
Not to Scale

\*\*THIS PROJECT AREA DRAINS INTO AN ONSITE REGIONAL DETENTION BASIN. THE ORIGINAL DETENTION BASIN CALCULATIONS ACCOUNTED FOR THESE PARKING LOTS AND OTHER FUTURE IMPROVEMENTS FOR PIQUA HIGH SCHOOL. SEE THE PLANS FOR "PIQUA HIGH SCHOOL TENNIS & COMPREHENSIVE STORM WATER PLAN" FOR STORM WATER QUANTITY, QUALITY AND STORM SEWER SIZING.

Sheet List Table	
Sheet Title	Sheet Number
COVER SHEET	C-0.0
GENERAL NOTES	C-0.1
NORTH EX. CONDITIONS & DEMO PLAN	C-1.0
SOUTH EX. CONDITIONS & DEMO PLAN	C-1.1
EAST EX. CONDITIONS & DEMO PLAN	C-1.2
NORTH SITE PLAN	C-2.0
SOUTH SITE PLAN	C-2.1
EAST SITE PLAN	C-2.2
NORTH GRADING PLAN	C-3.0
SOUTH GRADING PLAN	C-3.1
EAST GRADING PLAN	C-3.2
NORTH UTILITY PLAN	C-4.0
SOUTH UTILITY PLAN	C-4.1
EAST UTILITY PLAN	C-4.2
UTILITY PROFILES	C-4.3
SITE DETAILS	C-5.0
SITE DETAILS	C-5.1
NORTH SWPPP PLAN	C-6.0
SOUTH SWPPP PLAN	C-6.1
EAST SWPPP PLAN	C-6.2
SWPPP NOTES & DETAILS	C-6.3



Date	Description
04/14/2026	1 BID SET

SITE DEVELOPMENT PLANS FOR:  
**PIQUA HIGH SCHOOL  
WEST PARKING LOTS**  
1 INDIAN TRAIL  
CITY OF PIQUA, MIAMI COUNTY, OHIO



Design: NDT Proj: 25223  
Draw: NDT Dwg:  
Check: SRF Tab:  
Scale: SEE SHEET

Date: 04.14.2026  
Sheet:  
COVER SHEET  
Sheet No.:  
C-0.0

CIVIL ISSUE LOG	
Description	Date
BID SET	04.14.2026

W:\Civil\_3D\Projects\25223 - PHS - West Parking\CAD\Civil\Sheets\25223\_GENERAL.dwg 4/14/2026 9:23 AM Nathan



The Contractor shall obtain a copy of the Geotechnical Engineering Report prepared by Bowser-Morner, dated March 10, 2026 and shall refer to the report for site preparation, compaction, utility trench backfill, pavement, foundations and slabs, construction and design criteria.

**GENERAL CONSTRUCTION NOTES**

- 1. Site/Civil Specifications: All plans, construction, materials, workmanship, and methods shall be in accordance with the current "Rules and Regulations" of City of Piqua and the Ohio Department of Transportation Construction and Material Specifications, current edition. When in conflict, the City requirements shall prevail.
2. Prior to the start of construction, the Contractor shall be responsible for ensuring that all required permits and approvals have been obtained. No construction or fabrication shall begin until the Contractor has received and reviewed all plans and other documents approved by all the permitting authorities. The Contractor shall post all bonds, pay all fees, and provide proof of insurance as required to obtain permits.
3. All sediment and erosion control measures, as shown on Sheets C-6.0 through C-6.2, shall be in place prior to the start of any demolition, clearing and grubbing, or construction operations. Erosion control measures shall conform to all Local, State, and Federal regulations and requirements.
4. North arrow, existing topography, and property lines based on field survey of the subject property prepared by Burkhardt Engineering in December 2025. An ALTA/NSPS Land Title Survey was not performed, survey may not depict any or all easements impacting the subject property.
5. Information on existing utilities has been compiled from available information including utility company and municipal records and field survey and is not guaranteed correct and complete. Utilities are shown to alert the Contractor to their presence and the Contractor is solely responsible for determining actual locations and elevations of all utilities. Prior to demolition or construction, the Contractor shall contact "811", 72 hours before commencement of work and verify all utility locations.
6. The Contractor shall provide and maintain traffic control devices for protection of vehicles and pedestrians consisting of drums, barriers, signs, lights, fences and uniformed traffic officers as required by Local and State Authorities.
7. The Contractor shall protect all iron pins, monuments and property corners during construction. Any Contractor disturbed pins, monuments, etc. shall be reset by a Professional Land Surveyor (Registered with the State) at the expense of the Contractor.
8. Any disturbance incurred to any adjacent properties or public right-of-way during demolition and construction shall be restored to its original condition or better, in accordance with and to the satisfaction of Local and State Authorities.
9. The Contractor shall abide by all OSHA, Federal, State, and Local regulations when operating cranes, booms, hoists, etc. in close proximity to overhead electric lines. If Contractor must operate equipment close to electrical lines, contact the local Utility Provider to make arrangements for proper safeguards.
10. All material schedules shown on the plans are for general information only. The Contractor shall prepare their material schedules based upon their plan review. All schedules shall be verified in the field by the Contractor prior to ordering materials or performing work.
11. The Contractor shall review all plans prior to construction and immediately report any conflicts and/or discrepancies to the engineer-of-record.
12. All work within public rights-of-way shall be in accordance with the City of Piqua rules, specifications, and regulations.

**GENERAL DEMOLITION NOTES**

- 1. Within the subject property, the intent is to have a clean, clear site, free of all existing items noted to be removed in order to allow for the construction of the new project.
2. All items noted to be removed shall be done as part of the contract for general construction.
3. Remove and dispose of any materials requiring removal from the work area in an approved off-site landfill.
4. The Contractor shall secure all permits for demolition and disposal of demolition material to be removed from the site. The Contractor shall post all bonds and pay all permit fees as required.
5. The Contractor shall cut and plug, or arrange for the appropriate utility company to cut and plug service piping at the property line or at the main (as required). All services may not be shown on this plan.
6. For all items noted to be removed, remove not only above ground elements, but all underground elements as well, including, but not necessarily limited to: foundations, slabs, gravel fills, tree roots, pipes, wires, unsuitable materials, etc.
7. The Contractor shall sawcut existing pavement to provide a clean edge between existing pavement to remain and existing pavement to be removed.
8. Limits of removal and sawcut lines shown on demolition plan are approximate only. Actual quantities may vary due to construction activities. Contractor is responsible for all demolition, removal and restoration work necessary to allow for the construction of the new project.
9. Backfill excavations resulting from demolition work to meet the requirements for fill outlined in the Geotechnical / Soils Report.

**GENERAL SITE NOTES**

- 1. Building dimensions shown on the Civil Engineering Plans are for reference purposes only. The Contractor shall use the Architectural and Structural Plans for exact building dimensions.
2. All site and radii dimensions are referenced to the face of curbs or edge of paving unless otherwise noted.
3. All dimensions to the building are referenced to the outside face of the foundation wall.
4. All sidewalks, curb and gutter, street paving, curb cuts, driveway approaches, handicap ramps, etc. constructed outside the property line in the right-of-way shall conform to all Local and/or State specifications and requirements.
5. All proposed handicap ramps, parking areas, and accessible routes shall strictly comply with current Local, State, and Federal regulations, including but not necessarily limited to the ADA Accessibility Guidelines (ADAAG).
6. All ADA accessible routes shall have detectable warnings installed as required by the ADAAG. Detectable warnings shall consist of raised truncated domes which contrast visually with the adjoining surfaces, either light-on-dark, or dark-on-light.
7. Contractor shall sawcut existing pavement to provide a clean, straight joint where new pavement meets existing pavement and ensure positive drainage.
8. All concrete pavement shall have joints in accordance with ACI 330R-08, Section 3.7 and Appendix C. Contraction joints shall be 1/4 of the slab thickness. Isolation joints shall be placed between pavement and foundations, inlets, and other fixed structures. Contraction joints shall be tool finished and spaced as follows:
Curbing: 10'-0" (max) spacing.
Sidewalks: 5'-0" (max) spacing.
Vehicular Traffic Areas: 24 x Concrete Pavement Thickness (feet), 15'-0" (max) spacing.

**GENERAL GRADING, EARTHWORK & DRAINAGE NOTES**

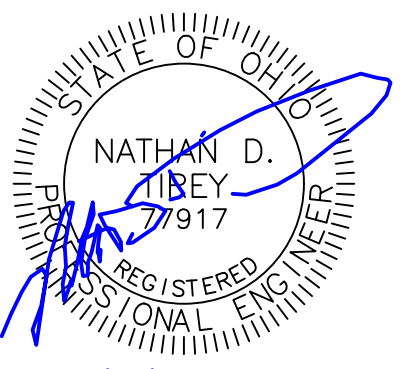
- 1. All spot elevations indicated in pavement areas are at bottom face of curb and/or finished pavement grade unless noted otherwise. All spot elevations indicated in grass or landscape areas are finished grade unless noted otherwise.
2. The Contractor shall be responsible for the removal and disposal of all vegetation and organic materials from the site that results from clearing & grubbing activities.
3. The Contractor shall be responsible for stripping and removal of all excess topsoil from the site. All topsoil that cannot be used on site shall be removed from the site at the Contractor's expense. The Contractor may dispose of excess topsoil by burying topsoil in landscape areas only at the direction of the Owner or the Owner's Representative.
4. The Contractor will be responsible for all safety requirements and for the protection of all existing and proposed utilities or structures during earthwork procedures.
5. The Contractor shall be responsible for the import of structural fill materials if suitable material is not available on site. The location and testing of suitable material shall be the Contractor's responsibility. The Contractor shall be responsible for the export and disposal of all excess or unsuitable materials.
6. The Contractor shall provide construction dewatering as necessary to complete construction as outlined in plans.
7. The Contractor shall exercise extreme care in establishing all grades and slopes in pavement areas, ramps and sidewalks in the vicinity of handicap parking and access areas and shall comply with Federal, State, and Local Codes.
8. In areas where sheet drainage flows from grass or landscape areas onto paved areas, the finished grade in grass or landscape areas shall be 1/2 inch above the top of curb or above the pavement in areas without curb. In areas where sheet drainage flows from pavement to grass or landscaped areas, the finished grade in grass or landscape areas shall be 1/2 inch below the pavement.
9. The Contractor shall provide positive drainage in all areas and away from all buildings.
10. All pavement shall be laid on a straight, even, and uniform grade with a minimum of 1:100 (1.0%) slope toward the collection points unless otherwise specified on plans. Cut or fill slopes in unpaved areas shall not exceed 3:1 (33.3%) maximum grade unless otherwise noted on plans.
11. ADA accessible areas shall not exceed the following slopes:
Ramps - 1:12 (8.3%) max.
Routes - 1:20 (5.0%) max.
Parking - 1:50 (2.0%) max.
Cross Slopes - 1:50 (2.0%) max.
12. The Contractor shall adjust tops/lids/grates of all cleanouts, manholes, inlets, valves, etc. to match final grade.
13. Following grading of subsoil to subgrade elevations, the Contractor shall provide 4" of topsoil (minimum) in all disturbed areas which are not to be paved. Final grades should be smoothly finished to surrounding areas and ensure positive drainage. Stockpiled topsoil shall be screened prior to respreading and should be free of subsoil, debris, and stones.
14. The Contractor shall establish permanent lawn vegetation (grass) in all areas disturbed by construction (including rights-of-way and adjacent properties), unless otherwise specified on landscape plans. Seed mixture, application rate, mulch, fertilization, and watering shall be appropriate for the local climate and soil conditions, to ensure a healthy stand of lawn. Provide Owner with alternate pricing for hydroseed.
15. The Contractor shall be responsible for determining exact quantities of cut and/or fill for estimating and construction and should alert the Engineer of any excessive cut and/or fill, especially if additional cut and/or fill will be required due to poor existing soil conditions discovered during earthwork operations.
16. Refer to the Architectural and Structural Plans for information regarding any perimeter foundation drains.
17. The Contractor shall obtain a copy of the Geotechnical / Soils Report and become thoroughly familiar with site and subgrade information and fully implement recommendations given therein.
18. The Contractor shall provide geotextile weed mat under all landscape mulch/stone and rip-rap.
19. If field tiles are encountered, notify Engineer, field tiles will likely need to be replaced and connected to storm sewer system.
20. Proposed spot elevations are provided in a truncated form to save space, add 900' to each spot elevation to convert the elevation to NAVD88 datum.

**GENERAL UTILITY NOTES:**

- 1. All utilities shown are approximate locations only and have been compiled from the latest available mapping. The exact location of all underground utilities shall be verified by the Contractor prior to the start of construction.
2. Contractor to coordinate with the local utility companies for all locations and connections. A preconstruction meeting with the various utility companies may be required prior to the start of any construction activity.
3. The Contractor shall visit the site and verify the location, elevation, and condition of all existing utilities by various means prior to beginning any excavation. Test pits shall be dug at all locations where existing and proposed utility lines cross, and the horizontal and vertical locations of the utilities shall be determined. The Contractor shall contact the Engineer in the event of any unforeseen conflicts between existing and proposed utilities so that an appropriate modification may be made.
4. The Contractor shall ensure that all utility companies and local standards for materials and construction methods are met. The Contractor shall perform proper coordination with the respective utility company. The Contractor shall coordinate work to be performed by the various utility companies and shall pay all fees for connections, disconnection, relocations, inspections, and demolition.
5. All valve boxes and curb boxes shall be adjusted to the final grades and located in grassed areas unless indicated otherwise on the plans.
6. The Contractor shall provide traffic bearing concrete collars and lids for all cleanouts, manholes, inlets, valves, etc. which are located in paved areas.
7. All existing pavement within the rights-of-way where utility piping is to be installed shall be saw cut and replaced or directionally bored in accordance with Local and/or State requirements. Existing pavement shall be repaired as necessary.
8. All utility lines and trenches shall be installed, bedded and backfilled according to manufacturer's specifications and to the satisfaction of Local and State Authorities.
9. Roof drains, foundation drains, and other clean water connections to the sanitary sewer system are prohibited.
10. The Contractor shall prepare and submit shop drawings of all site utility structures and materials to engineer-of-record for review, prior to ordering materials or construction.

**STORM SEWER NOTES:**

All storm sewer shall be reinforced concrete pipe (RCP, ASTM C76 - Class IV, minimum) or high-density polyethylene pipe (ADS N-12 WT, watertight, or equivalent), unless otherwise noted on plans. All pipe shall be installed according to manufacturer's specifications. All storm sewer pipe and joints to be watertight, including the downspout collection system.
All catch basins installed in sump areas to have finger drains as detailed on Sheet C-5.0
Contractor to provide steps, as required by ODOT and OSHA, in all catch basins and manholes.
Storm sewer connection, permit and construction to be coordinated with the City of Piqua.



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Table with 2 columns: Item, Description. Row 1: 1, BID SET.

SITE DEVELOPMENT PLANS FOR:
PIQUA HIGH SCHOOL
WEST PARKING LOTS
1 INDIAN TRAIL
CITY OF PIQUA, MIAMI COUNTY, OHIO



Table with 2 columns: Design, Draw, Check, Scale. Values: NDT, Dwg, SRF, SEE SHEET.

Date: 04.14.2026

Sheet: GENERAL NOTES

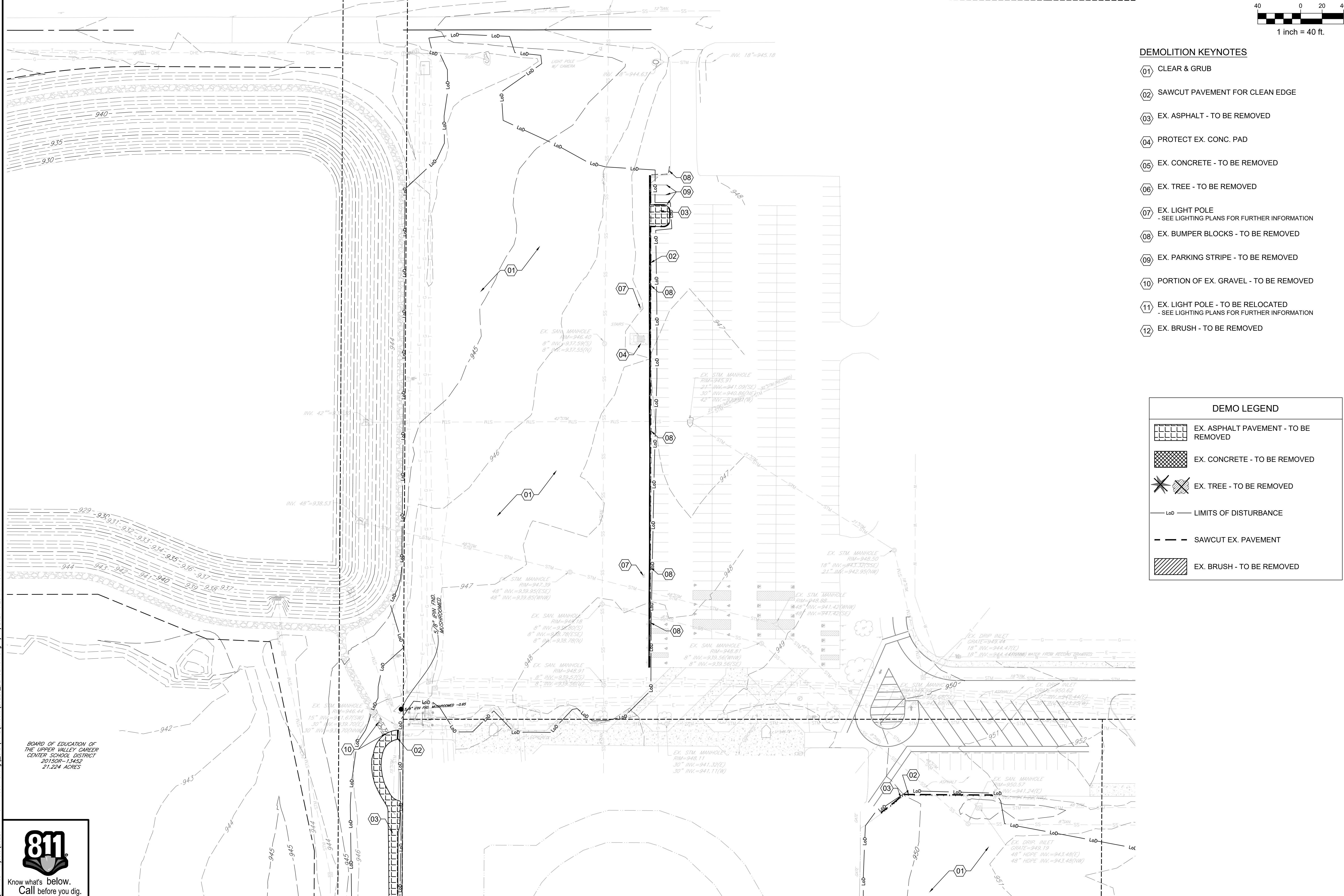
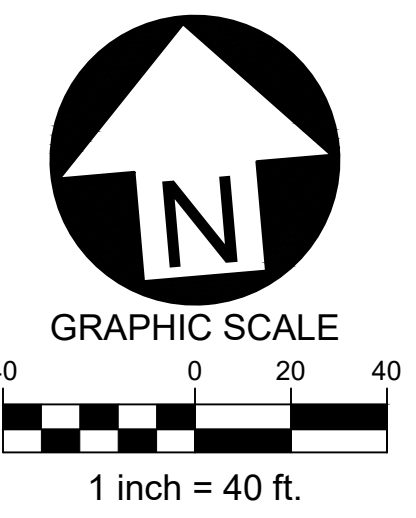
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DAYTON POWER AND LIGHT COMPANY  
D.B. 511-118  
3.5996 ACRES

SECTION LINE



**DEMOLITION KEYNOTES**

- 01 CLEAR & GRUB
- 02 SAWCUT PAVEMENT FOR CLEAN EDGE
- 03 EX. ASPHALT - TO BE REMOVED
- 04 PROTECT EX. CONC. PAD
- 05 EX. CONCRETE - TO BE REMOVED
- 06 EX. TREE - TO BE REMOVED
- 07 EX. LIGHT POLE  
- SEE LIGHTING PLANS FOR FURTHER INFORMATION
- 08 EX. BUMPER BLOCKS - TO BE REMOVED
- 09 EX. PARKING STRIPE - TO BE REMOVED
- 10 PORTION OF EX. GRAVEL - TO BE REMOVED
- 11 EX. LIGHT POLE - TO BE RELOCATED  
- SEE LIGHTING PLANS FOR FURTHER INFORMATION
- 12 EX. BRUSH - TO BE REMOVED

**DEMO LEGEND**

- EX. ASPHALT PAVEMENT - TO BE REMOVED
- EX. CONCRETE - TO BE REMOVED
- EX. TREE - TO BE REMOVED
- LIMITS OF DISTURBANCE
- SAWCUT EX. PAVEMENT
- EX. BRUSH - TO BE REMOVED

**SITE DEVELOPMENT PLANS FOR:**  
**PIQUA HIGH SCHOOL**  
**WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO



Design: NDT	Proj: 25223
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Check: SRF	Tab:
Scale: SEE SHEET	
Date: 04.14.2026	
Sheet: NORTH EX. CONDITIONS & DEMO PLAN	
Sheet No.: C-1.0	

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201509-13452  
21.224 ACRES

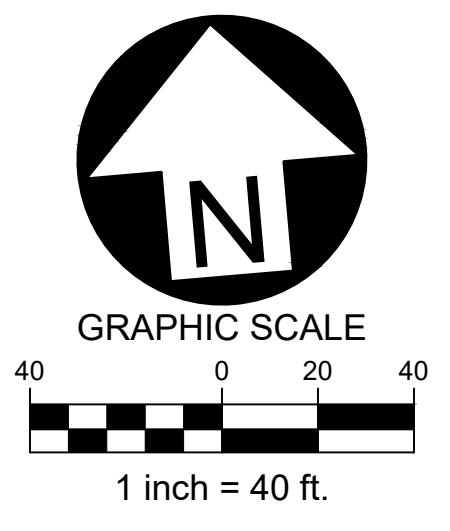
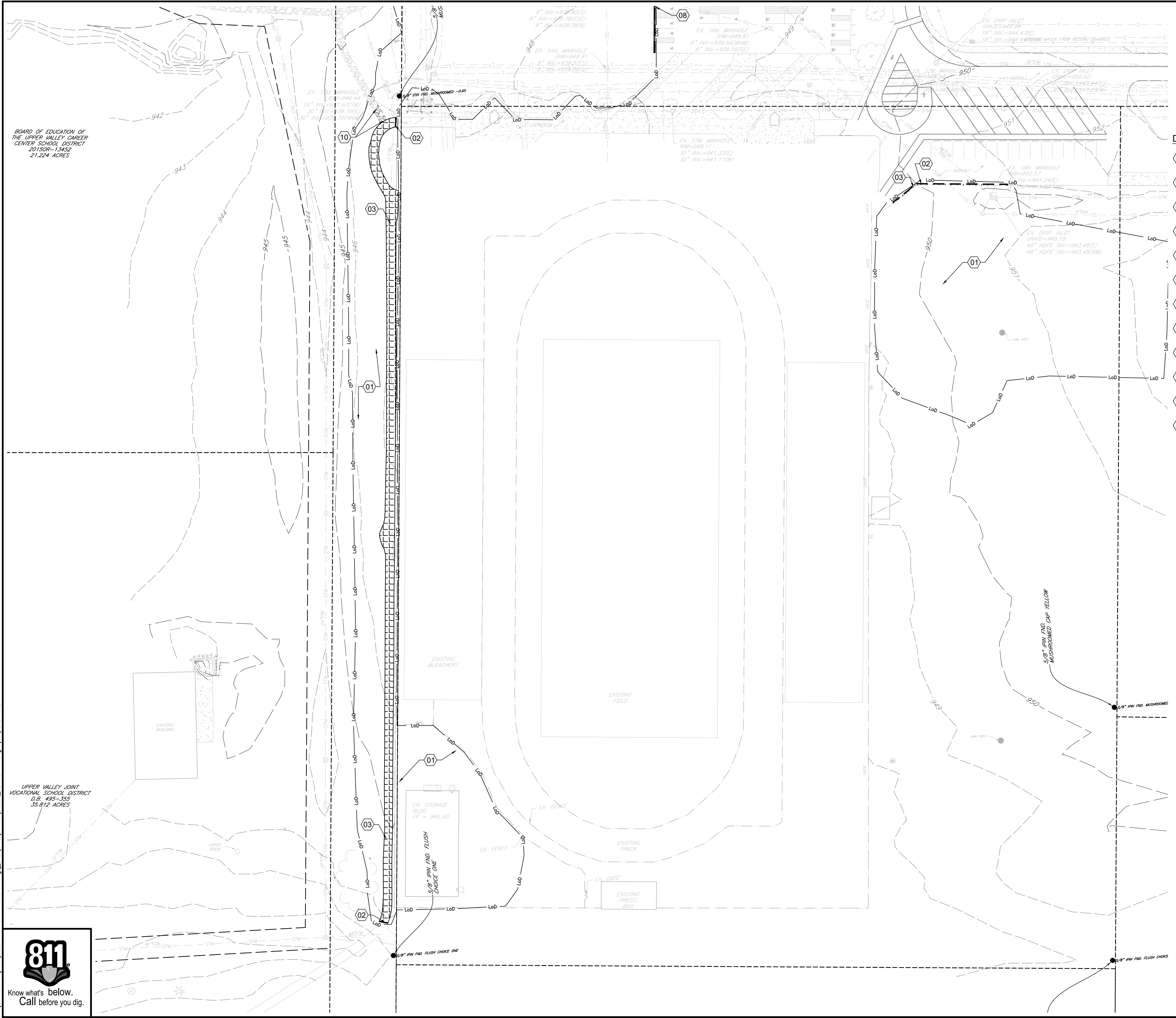


Know what's below.  
Call before you dig.



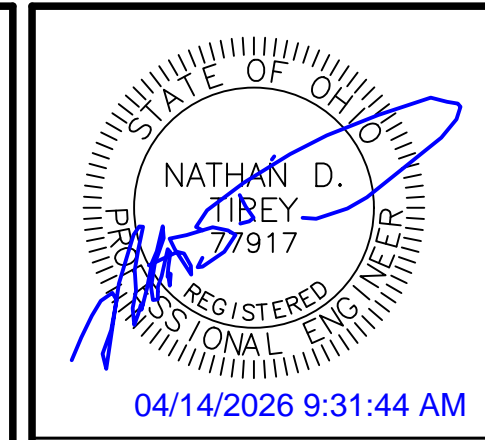
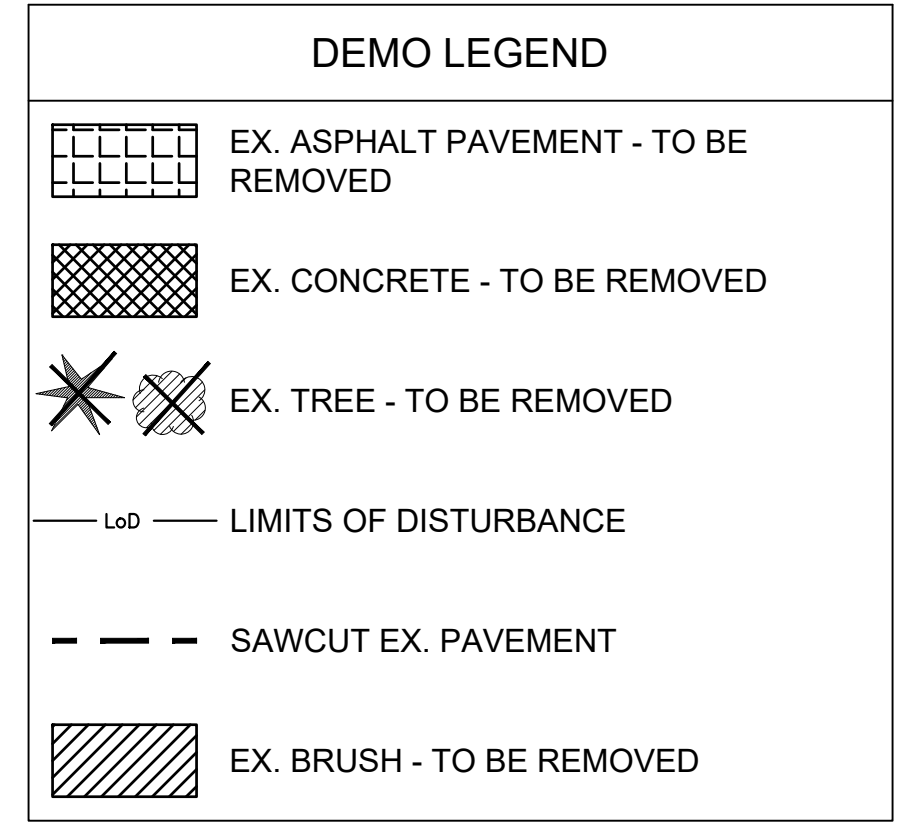
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2015OR-13452  
21.224 ACRES

UPPER VALLEY JOINT VOCATIONAL SCHOOL DISTRICT  
D.B. 495-355  
35.812 ACRES



**DEMOLITION KEYNOTES**

- 01 CLEAR & GRUB
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- 05 EX. CONCRETE - TO BE REMOVED
- 06 EX. TREE - TO BE REMOVED
- 07 EX. LIGHT POLE - SEE LIGHTING PLANS FOR FURTHER INFORMATION
- 08 EX. BUMPER BLOCKS - TO BE REMOVED
- 09 EX. PARKING STRIPE - TO BE REMOVED
- 10 PORTION OF EX. GRAVEL - TO BE REMOVED
- 11 EX. LIGHT POLE - TO BE RELOCATED - SEE LIGHTING PLANS FOR FURTHER INFORMATION
- 12 EX. BRUSH - TO BE REMOVED



Date	Description
04/14/2026	
1	BID SET

SITE DEVELOPMENT PLANS FOR:  
**PIQUA HIGH SCHOOL**  
**WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO

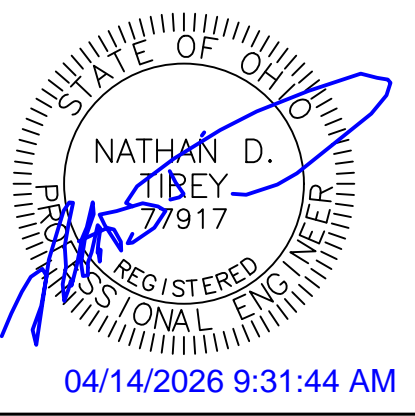
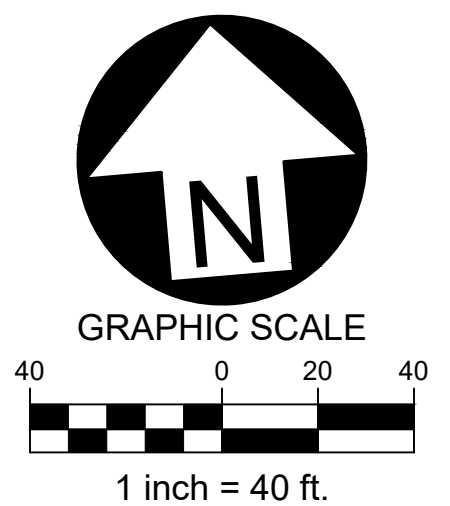


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Sheet: SOUTH EX. CONDITIONS & DEMO PLAN	
Sheet No.: C-1.1	

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**DEMOLITION KEYNOTES**

- 01 CLEAR & GRUB
- 02 SAWCUT PAVEMENT FOR CLEAN EDGE
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**DEMO LEGEND**

	EX. ASPHALT PAVEMENT - TO BE REMOVED
	EX. CONCRETE - TO BE REMOVED
	EX. TREE - TO BE REMOVED
	LIMITS OF DISTURBANCE
	SAWCUT EX. PAVEMENT
	EX. BRUSH - TO BE REMOVED

SITE DEVELOPMENT PLANS FOR:  
**PIQUA HIGH SCHOOL  
 WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO

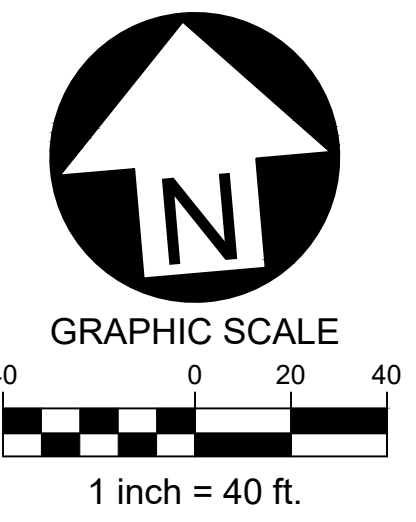


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Date: 04.14.2026	
Sheet: EAST EX. CONDITIONS & DEMO PLAN	
Sheet No.: C-1.2	

DAYTON POWER  
AND LIGHT COMPANY  
D.B. 511-118  
3.5996 ACRES

SECTION LINE

5/8" FIN. PAV. -0.25  
5/4" FIN. PAV. -0.50



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**SITE KEYNOTES**

- 01 STANDARD-DUTY ASPHALT PAVEMENT  
- PER DETAIL / SHEET C-5.0
- 02 CONCRETE SIDEWALK  
- PER DETAIL / SHEET C-5.0
- 03 HEAVY-DUTY ASPHALT PAVEMENT  
- PER DETAIL / SHEET C-5.0
- 04 PARKING STRIPE / HATCH  
- 4" WIDE PAINTED STRIPES  
- HATCHING TO BE AT 45 DEGREE AND 2'-0" O.C.  
- STRIPING ON ASPHALT PAVEMENT TO BE PAINTED WHITE.
- 05 PROP. GATE  
- SEE ARCHITECTURAL PLANS FOR DETAILS
- 06 CONCRETE SIDEWALK WITH INTEGRAL CURB  
- PER DETAIL / SHEET C-5.0

Item	Description
1	BID SET

TOTAL BUILDOUT = 475 PARKING SPACES  
HC SPACES REQ'D = 9  
HC SPACES PROVIDED = 24

259 TOTAL EX. PARKING SPACES  
(INCLUDING 24 HC)

**SITE & PAVEMENT LEGEND**

- ④ NUMBER OF PARKING SPACES
- 222 TOTAL NUMBER OF PARKING SPACES (PER LOT)
- HEAVY-DUTY ASPHALT
- STANDARD-DUTY ASPHALT

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CENTER SCHOOL DISTRICT  
201509-13452  
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**SITE DEVELOPMENT PLANS FOR:**  
**PIQUA HIGH SCHOOL**  
**WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO



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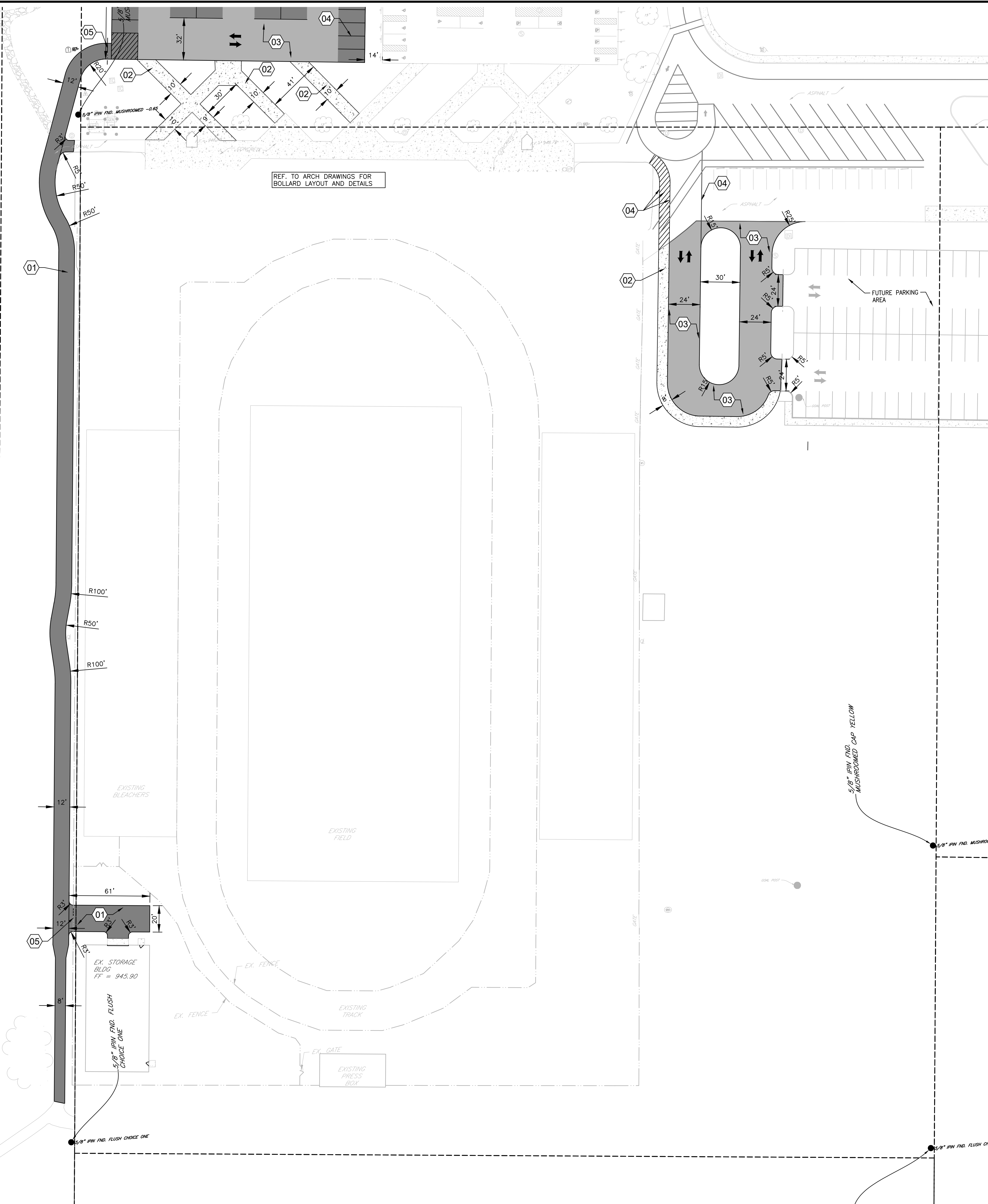
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NORTH SITE PLAN

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C-2.0

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UPPER VALLEY JOINT  
VOCATIONAL SCHOOL DISTRICT  
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35.812 ACRES

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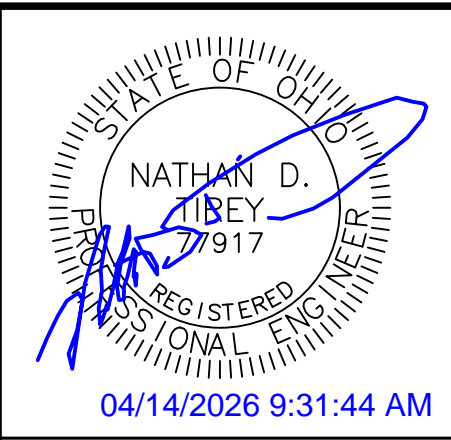
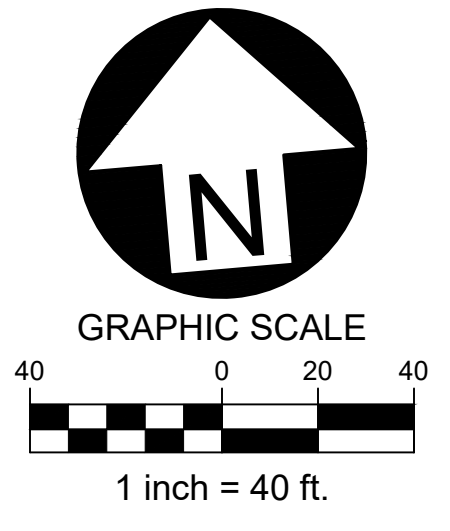


REF. TO ARCH DRAWINGS FOR  
BOLLARD LAYOUT AND DETAILS

- SITE KEYNOTES**
- 01 STANDARD-DUTY ASPHALT PAVEMENT  
- PER DETAIL / SHEET C-5.0
  - 02 CONCRETE SIDEWALK  
- PER DETAIL / SHEET C-5.0
  - 03 HEAVY-DUTY ASPHALT PAVEMENT  
- PER DETAIL / SHEET C-5.0
  - 04 PARKING STRIPE / HATCH  
- 4" WIDE PAINTED STRIPES  
- HATCHING TO BE AT 45 DEGREE AND 2'-0" O.C.  
- STRIPING ON ASPHALT PAVEMENT TO BE PAINTED WHITE.
  - 05 PROP. GATE  
- SEE ARCHITECTURAL PLANS FOR DETAILS
  - 06 CONCRETE SIDEWALK WITH INTEGRAL CURB  
- PER DETAIL / SHEET C-5.0

**SITE & PAVEMENT LEGEND**

- ④ NUMBER OF PARKING SPACES
- 222 TOTAL NUMBER OF PARKING SPACES (PER LOT)
- HEAVY-DUTY ASPHALT
- STANDARD-DUTY ASPHALT



Date	Description
04/14/2026	
1	BID SET

SITE DEVELOPMENT PLANS FOR:  
**PIQUA HIGH SCHOOL  
 WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO



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Sheet: SOUTH SITE PLAN	
Sheet No.: C-2.1	

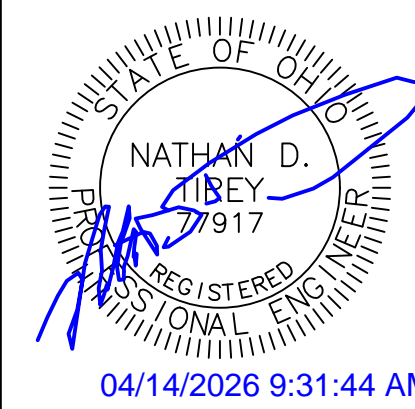
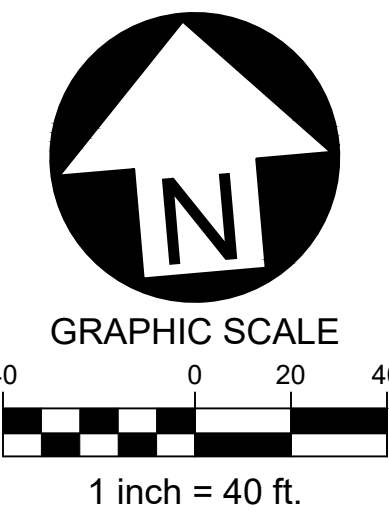
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5/8" DIA. PIN. MUSHROOMED CAP YELLOW

5/8" DIA. PIN. MUSHROOMED CAP YELLOW -0.25



**SITE KEYNOTES**

- 01 STANDARD-DUTY ASPHALT PAVEMENT  
- PER DETAIL / SHEET C-5.0
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**SITE & PAVEMENT LEGEND**

- ④ NUMBER OF PARKING SPACES
- 222 TOTAL NUMBER OF PARKING SPACES (PER LOT)
- HEAVY-DUTY ASPHALT
- STANDARD-DUTY ASPHALT

DO NOT PERFORM FINAL COURSE OF ASPHALT EAST OF THIS LINE

Date	Description
04/14/2026	
1	BID SET

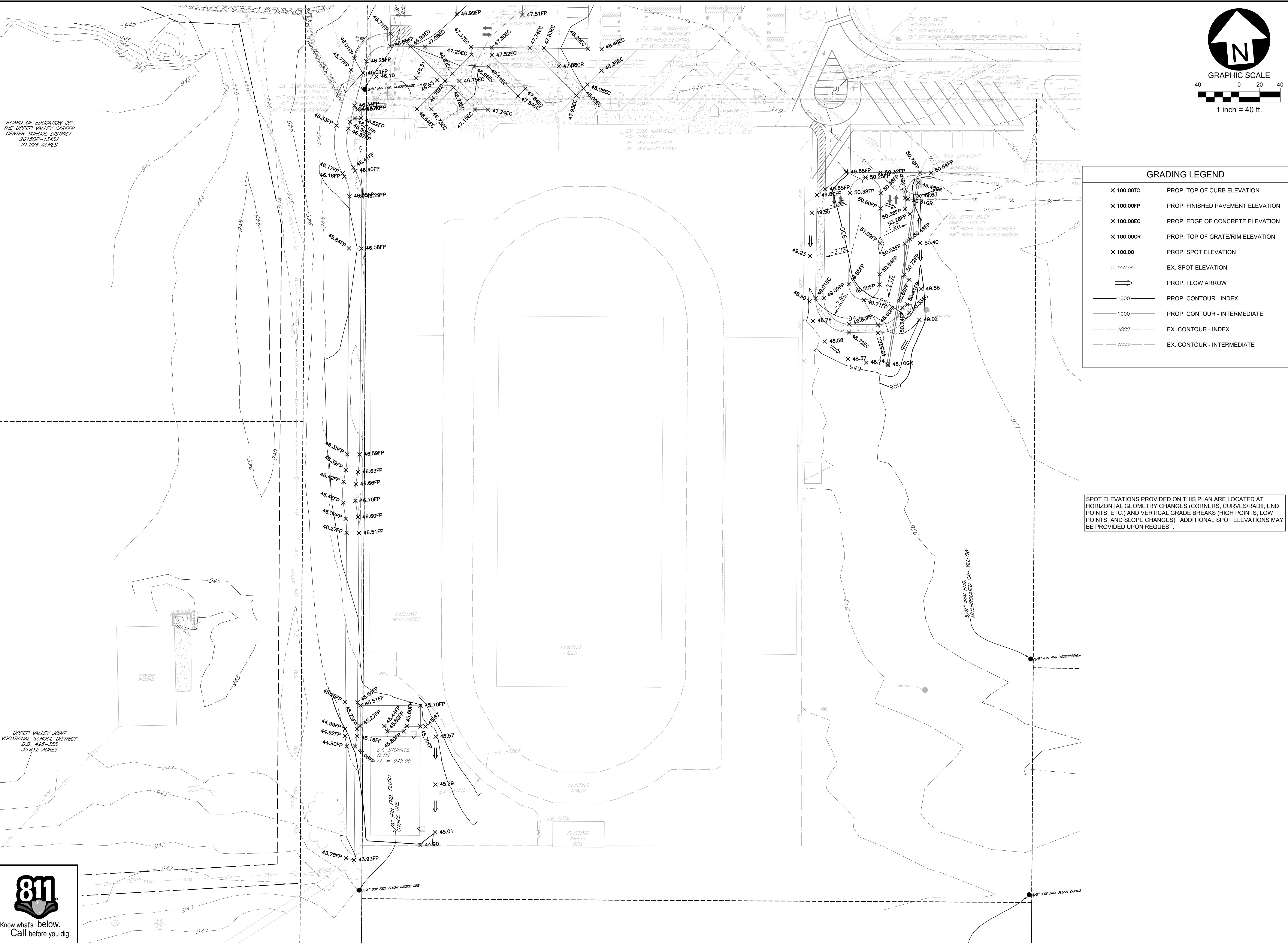
SITE DEVELOPMENT PLANS FOR:  
**PIQUA HIGH SCHOOL  
 WEST PARKING LOTS**  
 1 INDIAN TRAIL  
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Design: NDT	Proj: 25223
Draw: NDT	Dwg:
Check: SRF	Tab:
Scale: SEE SHEET	
Date: 04.14.2026	
Sheet: EAST SITE PLAN	
Sheet No.: C-2.2	

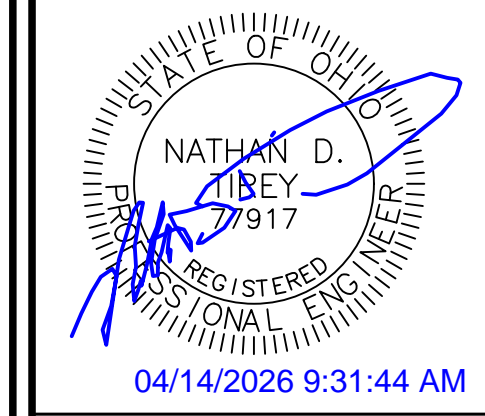
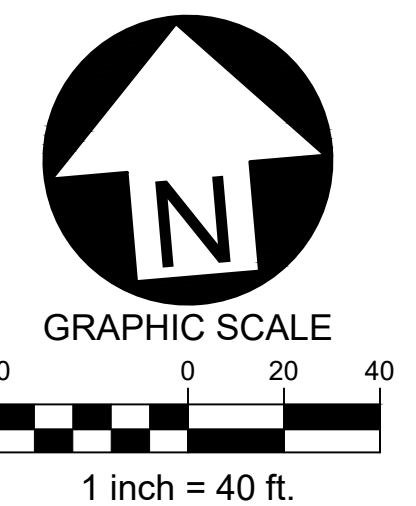


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2015OR-13452  
21.224 ACRES

UPPER VALLEY JOINT VOCATIONAL SCHOOL DISTRICT  
D.B. 495-355  
35.812 ACRES



GRADING LEGEND	
X 100.00TC	PROP. TOP OF CURB ELEVATION
X 100.00FP	PROP. FINISHED PAVEMENT ELEVATION
X 100.00EC	PROP. EDGE OF CONCRETE ELEVATION
X 100.00GR	PROP. TOP OF GRATE/RIM ELEVATION
X 100.00	PROP. SPOT ELEVATION
X 100.00	EX. SPOT ELEVATION
⇒	PROP. FLOW ARROW
— 1000 —	PROP. CONTOUR - INDEX
— 1000 —	PROP. CONTOUR - INTERMEDIATE
- - - 1000 - - -	EX. CONTOUR - INDEX
- - - 1000 - - -	EX. CONTOUR - INTERMEDIATE

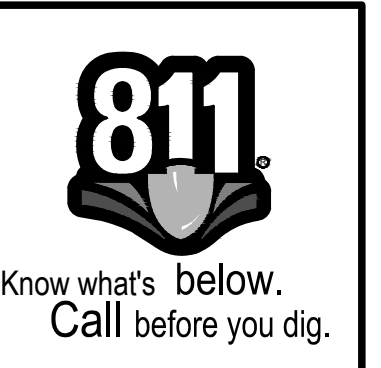
SPOT ELEVATIONS PROVIDED ON THIS PLAN ARE LOCATED AT HORIZONTAL GEOMETRY CHANGES (CORNERS, CURVES/RADI, END POINTS, ETC.) AND VERTICAL GRADE BREAKS (HIGH POINTS, LOW POINTS, AND SLOPE CHANGES). ADDITIONAL SPOT ELEVATIONS MAY BE PROVIDED UPON REQUEST.

Date	Description
04/14/2026	
1	BID SET

SITE DEVELOPMENT PLANS FOR:  
**PIQUA HIGH SCHOOL  
 WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO



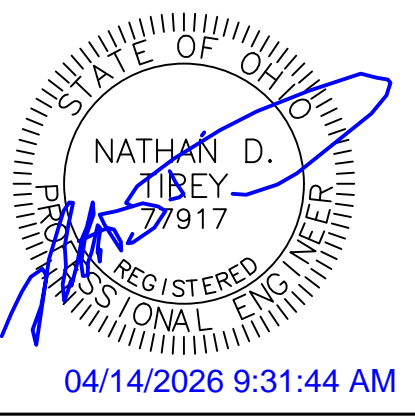
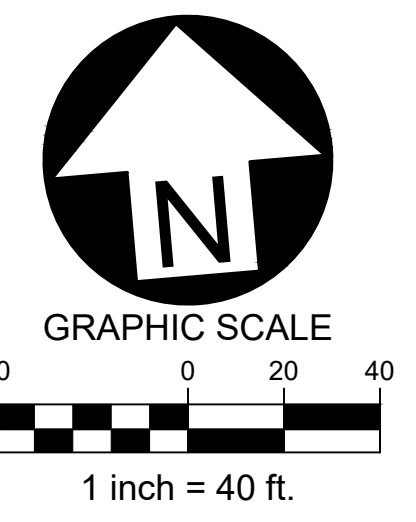
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Date: 04.14.2026	
Sheet: SOUTH GRADING PLAN	
Sheet No.: C-3.1	



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04/14/2026 9:31:44 AM

Date	Description
04/14/2026	
1	BID SET



**GRADING LEGEND**

X 100.00TC	PROP. TOP OF CURB ELEVATION
X 100.00FP	PROP. FINISHED PAVEMENT ELEVATION
X 100.00EC	PROP. EDGE OF CONCRETE ELEVATION
X 100.00GR	PROP. TOP OF GRATE/RIM ELEVATION
X 100.00	PROP. SPOT ELEVATION
X 100.00	EX. SPOT ELEVATION
→	PROP. FLOW ARROW
— 1000 —	PROP. CONTOUR - INDEX
- - - 1000 - - -	PROP. CONTOUR - INTERMEDIATE
- - - 1000 - - -	EX. CONTOUR - INDEX
- - - 1000 - - -	EX. CONTOUR - INTERMEDIATE

SPOT ELEVATIONS PROVIDED ON THIS PLAN ARE LOCATED AT HORIZONTAL GEOMETRY CHANGES (CORNERS, CURVES/RADII, END POINTS, ETC.) AND VERTICAL GRADE BREAKS (HIGH POINTS, LOW POINTS, AND SLOPE CHANGES). ADDITIONAL SPOT ELEVATIONS MAY BE PROVIDED UPON REQUEST.

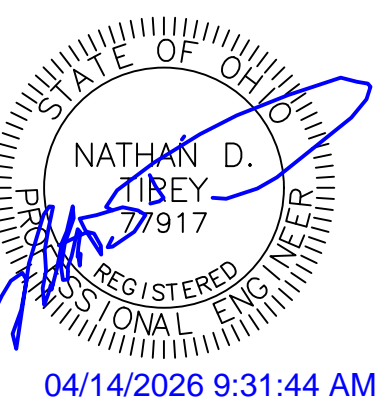
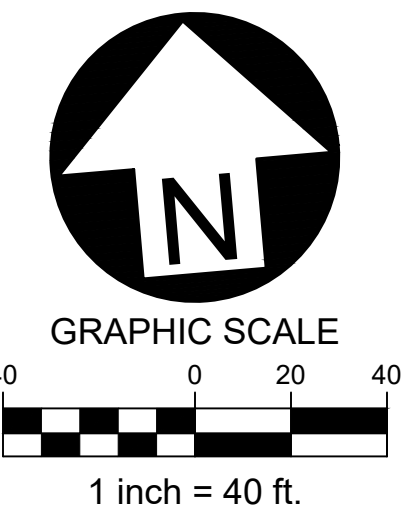
SITE DEVELOPMENT PLANS FOR:  
**PIQUA HIGH SCHOOL  
 WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO



Design: NDT	Proj: 25223
Draw: NDT	Dwg:
Check: SRF	Tab:
Scale: SEE SHEET	
Date: 04.14.2026	
Sheet: EAST GRADING PLAN	
Sheet No.: C-3.2	

DAYTON POWER AND LIGHT COMPANY  
D.B. 511-118  
3.5996 ACRES

SECTION LINE



**UTILITY KEYNOTES**

- 01 ADJUST RIM/GRATE/LID TO GRADE  
- SEE SHEETS C-3.0 & C-3.1 FOR GRADES  
- SEE SHEET C-4.2 FOR PROFILES IF APPLICABLE
- 02 TEMPORARY STORM PLUG  
- PROVIDE WATER TIGHT CAP  
- PROVIDE PAINTED 2 x 4 FOR FUTURE EXCAVATION & CONNECTION

**PROPOSED UTILITY LEGEND**

- PROP. CATCH BASIN
- PROP. STORM SEWER

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BOARD OF EDUCATION OF THE UPPERS VALLEY CAREER CENTER SCHOOL DISTRICT  
20150A-13452  
21.224 ACRES

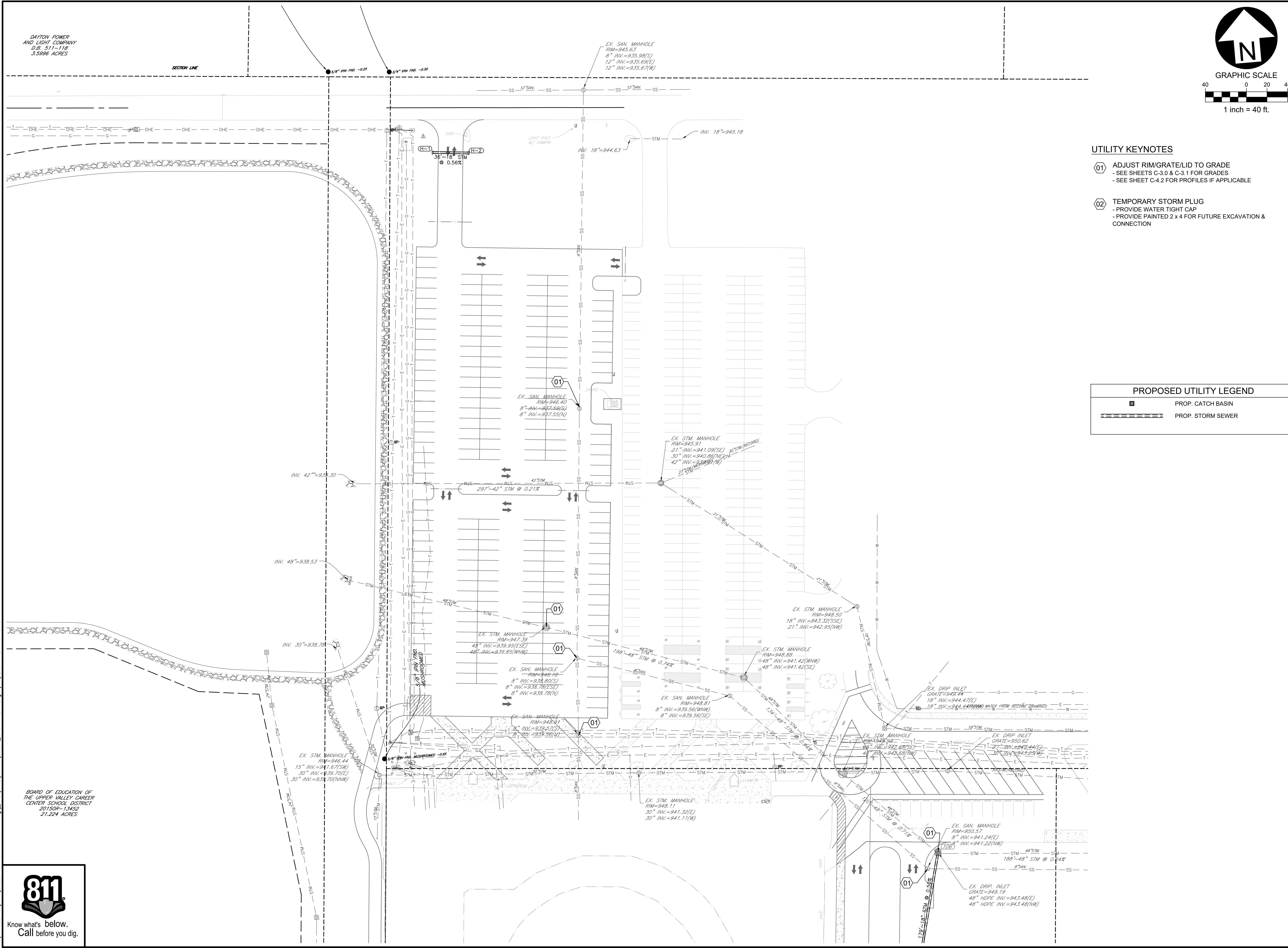


Know what's below.  
Call before you dig.

**SITE DEVELOPMENT PLANS FOR:**  
**PIQUA HIGH SCHOOL**  
**WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO



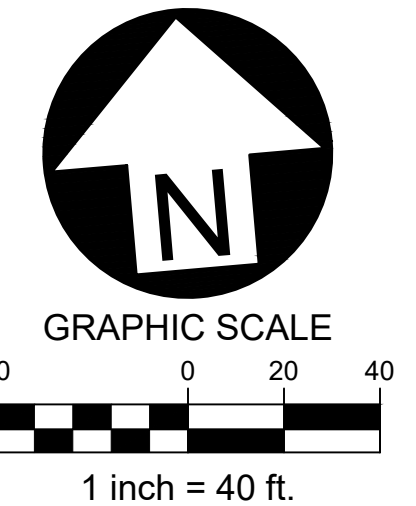
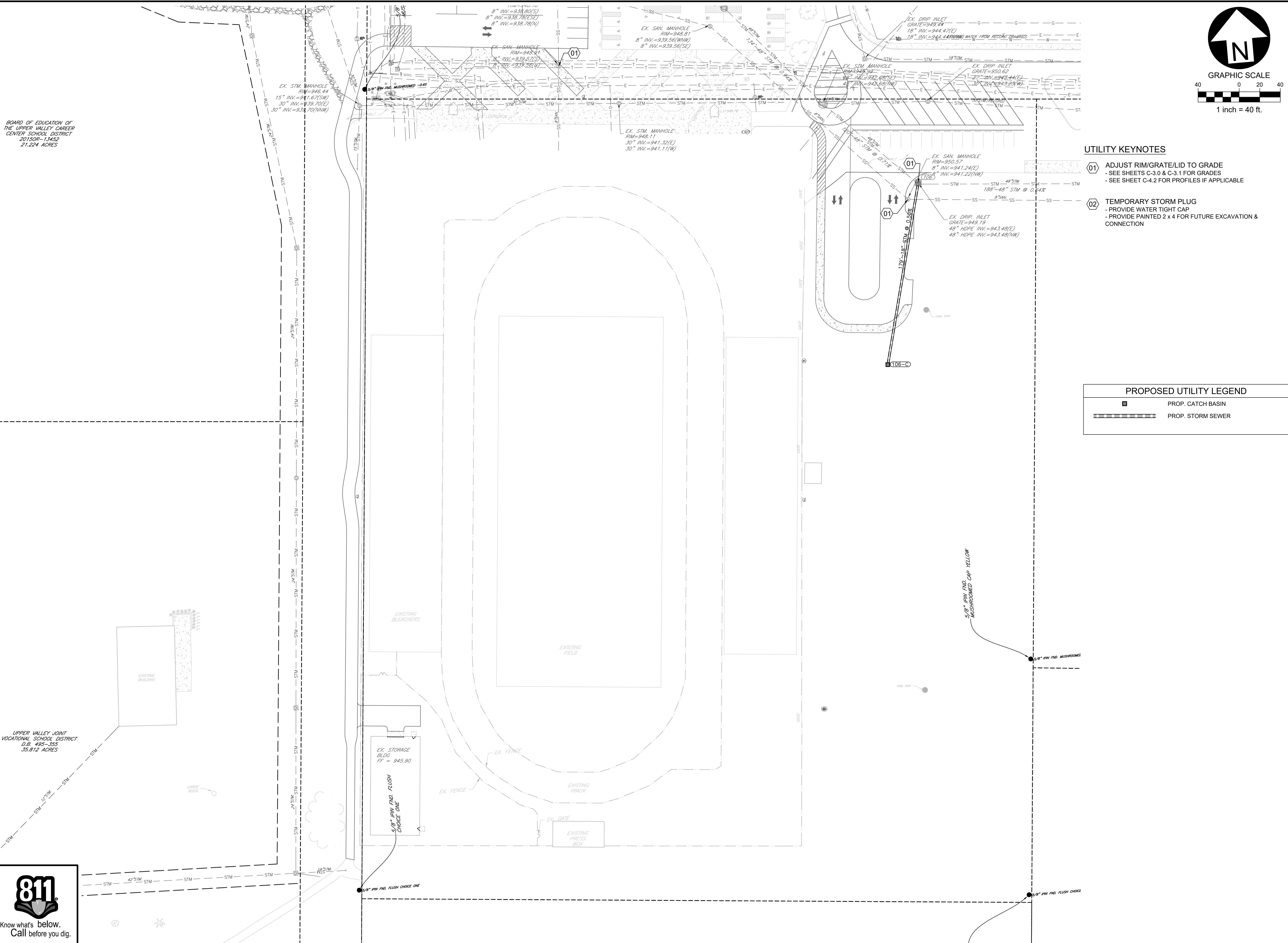
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Date: 04.14.2026	
Sheet: NORTH UTILITY PLAN	
Sheet No.: C-4.0	





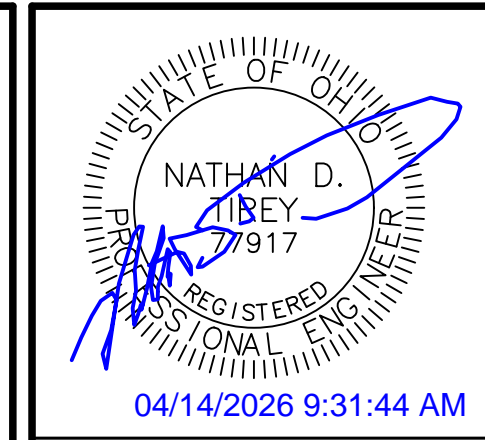
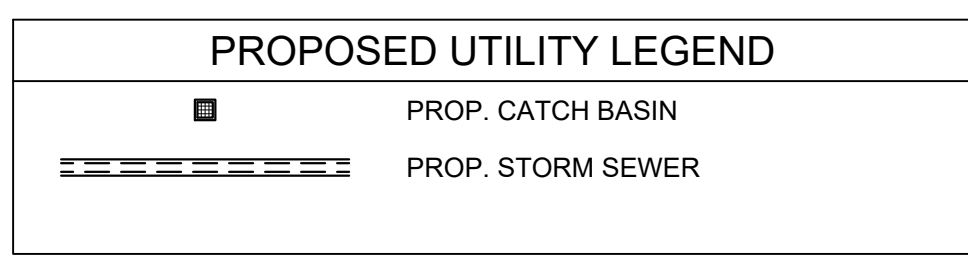
UPPER VALLEY JOINT VOCATIONAL SCHOOL DISTRICT  
D.B. 495-355  
35.812 ACRES

BOARD OF EDUCATION OF THE UPPER VALLEY CAREER CENTER SCHOOL DISTRICT  
2015OR-13452  
21.224 ACRES



**UTILITY KEYNOTES**

- 01 ADJUST RIM/GRATE/LID TO GRADE  
- SEE SHEETS C-3.0 & C-3.1 FOR GRADES  
- SEE SHEET C-4.2 FOR PROFILES IF APPLICABLE
- 02 TEMPORARY STORM PLUG  
- PROVIDE WATER TIGHT CAP  
- PROVIDE PAINTED 2 x 4 FOR FUTURE EXCAVATION & CONNECTION



Date	Description
04/14/2026	
1	BID SET

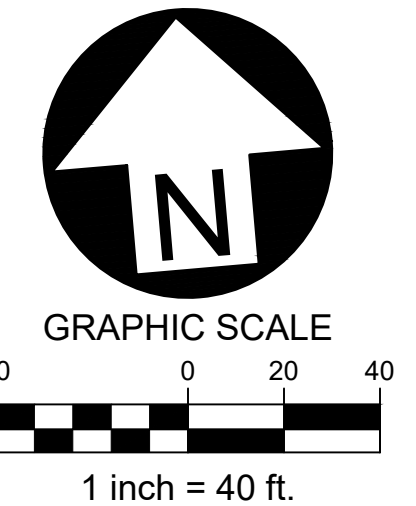
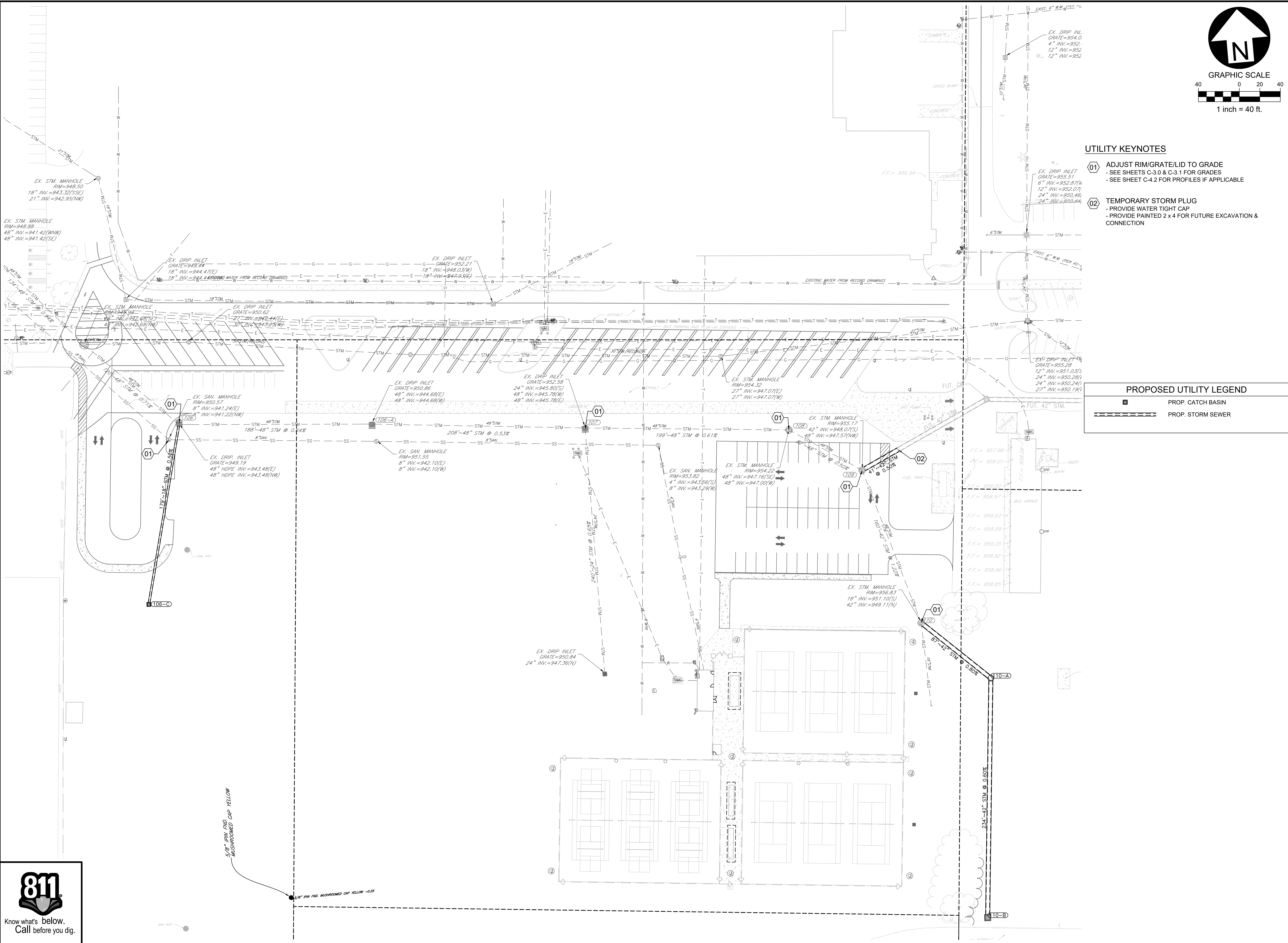
SITE DEVELOPMENT PLANS FOR:  
**PIQUA HIGH SCHOOL  
WEST PARKING LOTS**  
1 INDIAN TRAIL  
CITY OF PIQUA, MIAMI COUNTY, OHIO



Design: NDT	Proj: 25223
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Scale: SEE SHEET	
Date: 04.14.2026	
Sheet: SOUTH UTILITY PLAN	
Sheet No.: C-4.1	

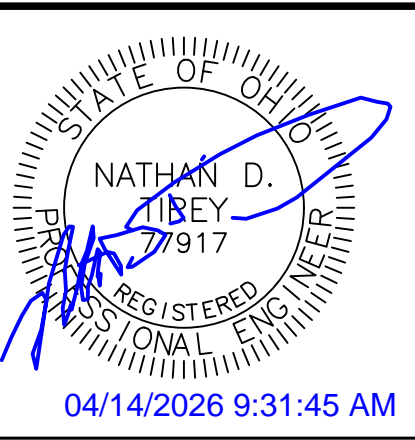
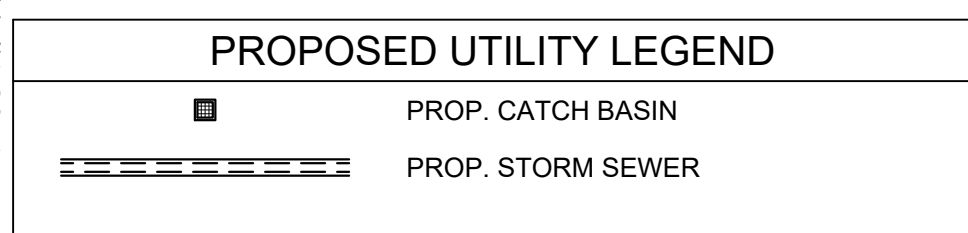


Know what's below.  
Call before you dig.



**UTILITY KEYNOTES**

- 01 ADJUST RIM/GRATE/LID TO GRADE  
- SEE SHEETS C-3.0 & C-3.1 FOR GRADES  
- SEE SHEET C-4.2 FOR PROFILES IF APPLICABLE
- 02 TEMPORARY STORM PLUG  
- PROVIDE WATER TIGHT CAP  
- PROVIDE PAINTED 2 x 4 FOR FUTURE EXCAVATION & CONNECTION



Date	Description
04/14/2026	

Item	BID SET
1	

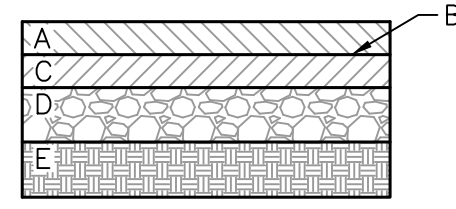
SITE DEVELOPMENT PLANS FOR:  
**PIQUA HIGH SCHOOL  
WEST PARKING LOTS**  
1 INDIAN TRAIL  
CITY OF PIQUA, MIAMI COUNTY, OHIO



Design: NDT	Proj: 25223
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Sheet No.: C-4.2	



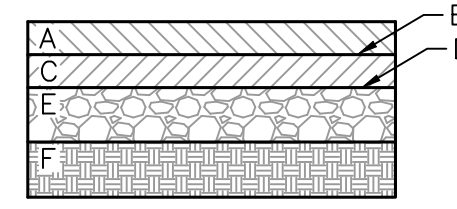
- KEY
- A - 1.5" SURFACE COURSE ASPHALT CONCRETE  
ODOT ITEM 448 - TYPE 1, PG64-22
  - B - TACK COAT, ODOT ITEM 407  
0.10 GAL/SY
  - C - 2.5" INTERMEDIATE COURSE ASPHALT CONCRETE  
ODOT ITEM 448 - TYPE 2, PG64-22
  - D - 8" AGGREGATE BASE  
ODOT ITEM 304
  - E - COMPACTED SUBGRADE  
ODOT ITEM 204



SEE GEOTECHNICAL REPORT PREPARED BY BOWSER-MORNER DATED MARCH 10, 2026 FOR ADDITIONAL INFORMATION.

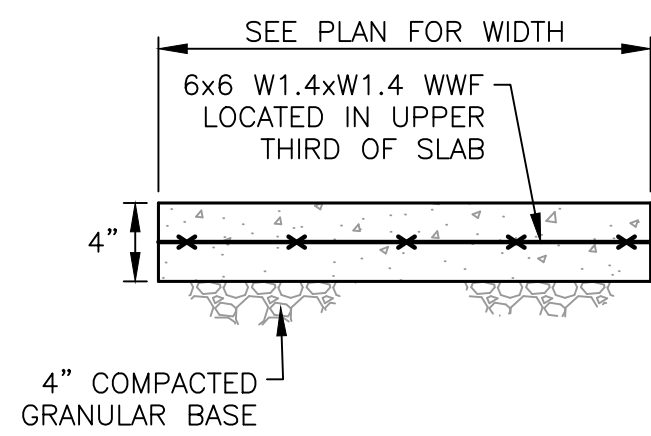
**STANDARD-DUTY PAVEMENT SECTION**  
NOT TO SCALE

- KEY
- A - 1.5" SURFACE COURSE ASPHALT CONCRETE  
ODOT ITEM 448 - TYPE 1, PG64-22
  - B - TACK COAT, ODOT ITEM 407  
0.10 GAL/SY
  - C - 3.5" INTERMEDIATE COURSE ASPHALT CONCRETE  
ODOT ITEM 448 - TYPE 2, PG64-22
  - D - PRIME COAT, ODOT ITEM 408  
0.50 GAL/SY
  - E - 10" AGGREGATE BASE  
ODOT ITEM 304
  - D - COMPACTED SUBGRADE  
ODOT ITEM 204



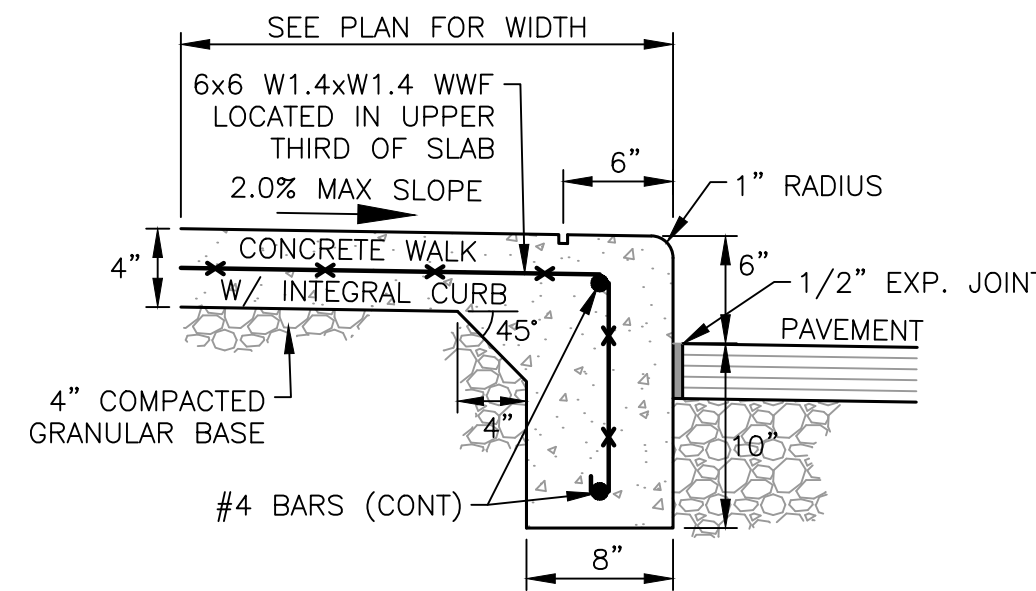
SEE GEOTECHNICAL REPORT PREPARED BY BOWSER-MORNER DATED MARCH 10, 2026 FOR ADDITIONAL INFORMATION.

**HEAVY-DUTY PAVEMENT SECTION**  
NOT TO SCALE



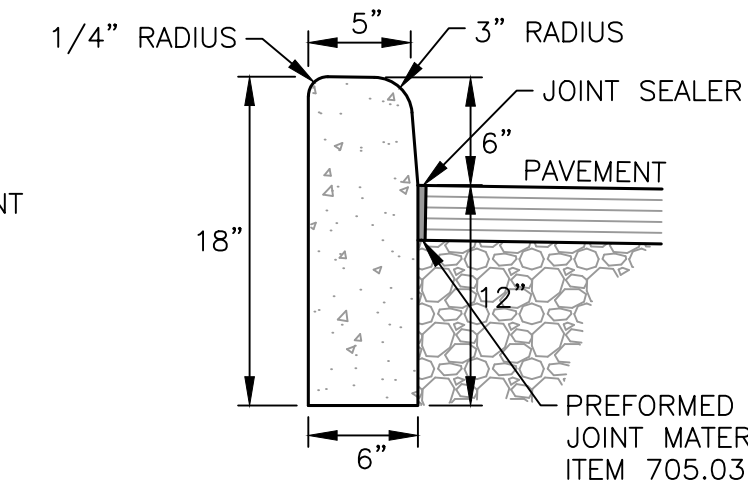
- NOTES:
- SIDEWALK TO BE CONSTRUCTED USING 3500 PSI CONCRETE.
  - SIDEWALK TO HAVE TOOLED CONTROL JOINTS NOT EXCEEDING 5 FT. SPACING IN ANY DIRECTION.
  - PROVIDE THICKENED EDGE / TURN DOWN WHERE SIDEWALK MEETS ASPHALT PAVEMENT.
  - PROVIDE EXPANSION JOINT MATERIAL WHERE SIDEWALK ABUTS BUILDING.

**CONCRETE SIDEWALK DETAIL**  
NOT TO SCALE



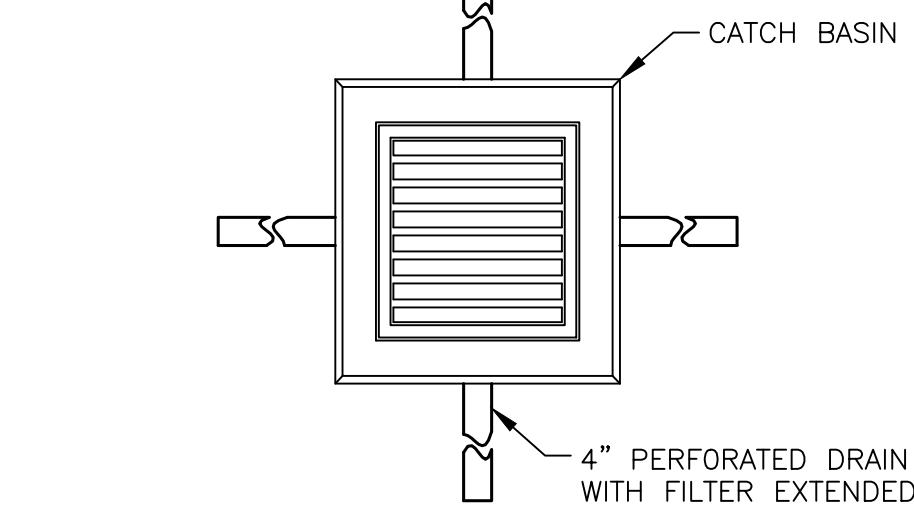
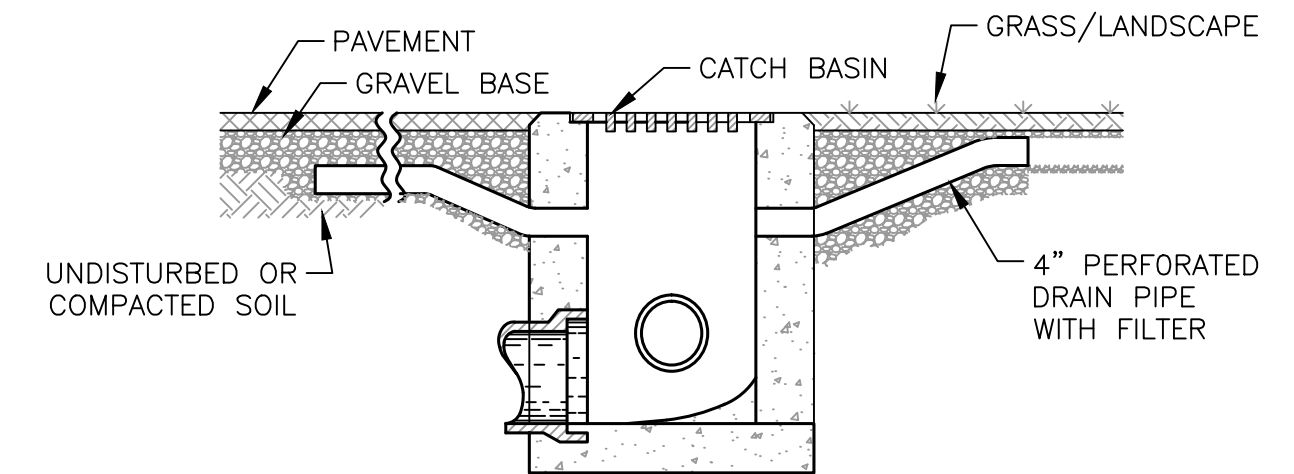
- NOTES:
- SIDEWALK WITH INTEGRAL CURB TO BE CONSTRUCTED OF 3500 PSI CONCRETE (MIN.).
  - SIDEWALK TO HAVE TOOLED CONTROL JOINTS NOT EXCEEDING 5 FT. SPACING IN ANY DIRECTION.
  - PROVIDE EXPANSION JOINT MATERIAL WHERE SIDEWALK ABUTS BUILDING.

**CONCRETE SIDEWALK WITH INTEGRAL CURB DETAIL**  
NOT TO SCALE

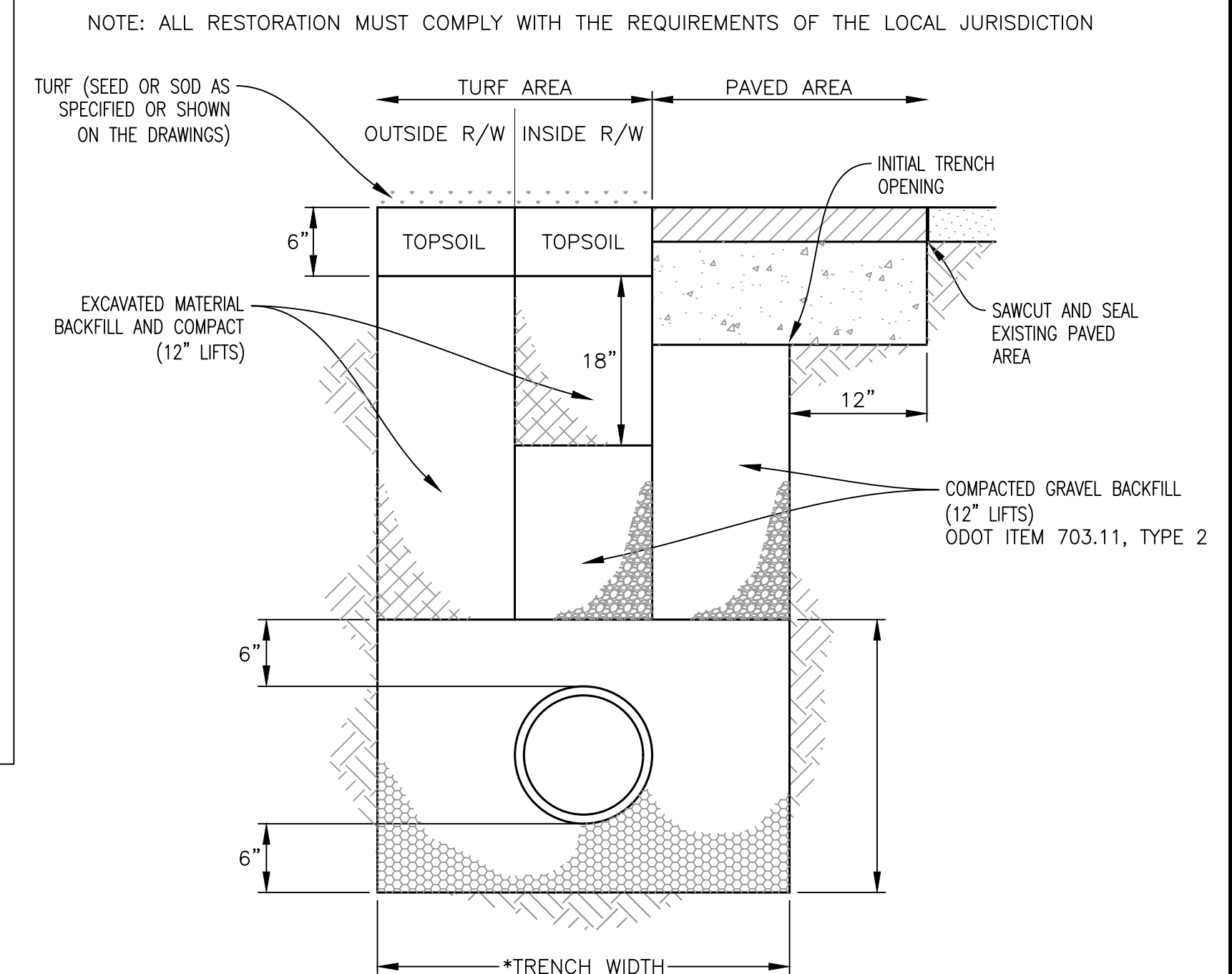
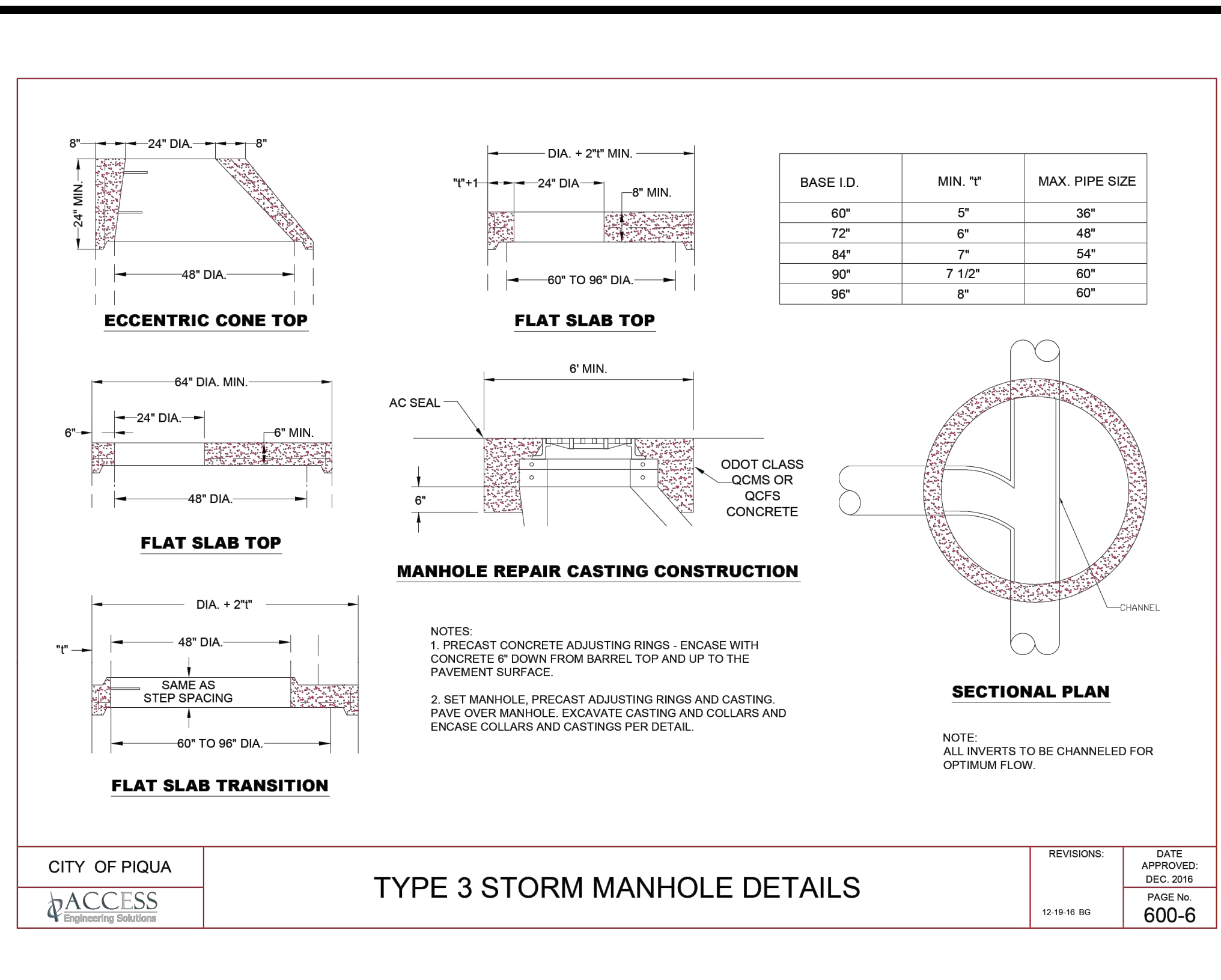
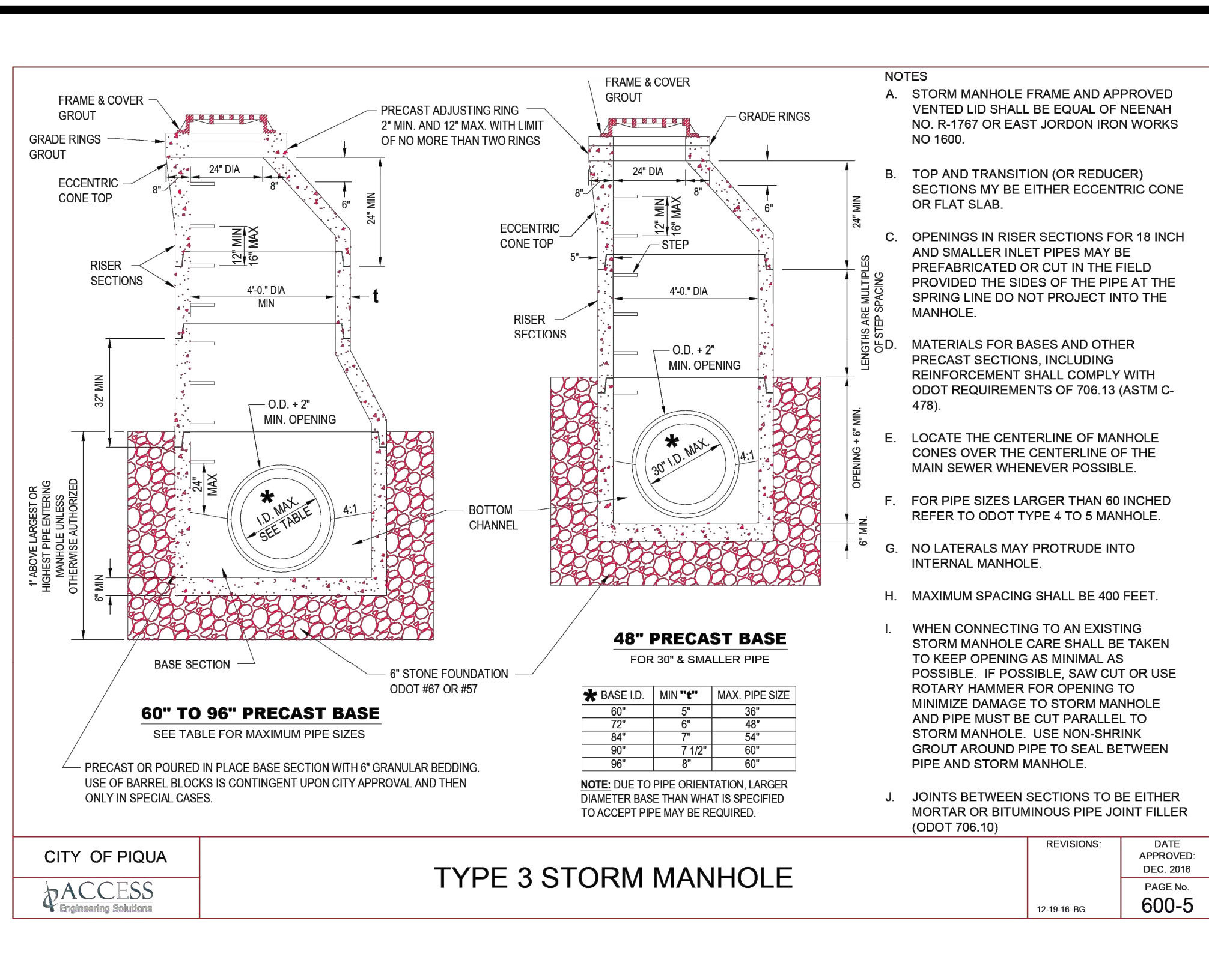


- NOTES:
- ODOT TYPE 6 CURB
  - PROVIDE A SMOOTH AND EVEN FINISH PLUS ROUNDED EDGING TO ALL EXPOSED SURFACES.

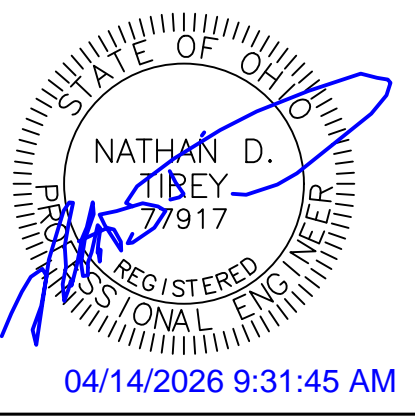
**BARRIER CURB DETAIL**  
NOT TO SCALE



**CATCH BASIN FINGER DRAIN DETAIL**  
NOT TO SCALE



**PIPE BEDDING AND TRENCH DETAIL FOR THERMOPLASTIC PIPE**  
NOT TO SCALE



Date	Description
04/14/2026	1 BID SET

SITE DEVELOPMENT PLANS FOR:  
**PIQA HIGH SCHOOL WEST PARKING LOTS**  
1 INDIAN TRAIL  
CITY OF PIQA, MIAMI COUNTY, OHIO



Design: NDT	Proj: 25223
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Date: 04.14.2026	
Sheet:	SITE DETAILS
Sheet No.:	C-5.0

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Know what's below.  
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### ODOT 2-3 CATCH BASIN NOT TO SCALE

**CIRCULAR**  
Diameter D, Span W, Rise R, Height H, Minimum width 2'-0"

**ELLIPTICAL**  
Span W, Rise R, Height H, Minimum width 2'-0"

**PROFILE**  
Rise or Diameter, Flow Line, 2' recommended, 2:1 slope

**NOTES**

- CONCRETE FOR HEADWALLS SHALL BE ODOT CLASS C. CONCRETE QUANTITIES ARE BASED ON HEADWALLS ONLY.
- HEADWALLS MAY BE PRECAST CONCRETE CONSTRUCTED TO THE ABOVE REQUIREMENTS. GROUT AROUND PIPE AFTER INSTALLATION.
- LAST 20 FEET ± OF PIPE BEFORE HEADWALL SHALL BE REINFORCED CONCRETE PIPE.
- A CONCRETE SLAB IS REQUIRED FOR PIPES WITH A DIAMETER OF 18 INCH AND ABOVE.

HEAD WALL FOR CONCRETE PIPE												
CIRCULAR			CONC.			ELLIPTICAL			CONC.			
D	W	H	T	S	Y	SPAN	RISE	W	H	T	S	Y
12"	2'-0"	3'-0"	12	20	33	14	3-0"	3-2	12	20		
15"	2'-9"	3'-2"	12	25	30	19	3-7"	3-4	12	25		
18"	3'-0"	3'-3"	12	31	34	22	3-11"	3-8	12	38		
21"	3'-9"	3-4"	12	37	38	24	4-0"	3-8	12	44		
24"	4'-0"	3-6"	12	43	42	27	4-8"	3-7	12	45		
27"	4'-6"	3-8"	12	49	45	29	5-2"	3-8	12	49		
30"	5-0"	3-9"	12	56	49	32	5-9"	3-10	12	52		
33"	5-6"	3-10"	12	62	53	34	5-11"	4-0"	14	68		
36"	6-0"	4-0"	12	69	60	38	6-10"	4-2	14	82		
39"	6-6"	4-2"	12	77	68	43	6-9"	4-4	16	101		
42"	7-0"	4-3"	12	84	76	48	6-8"	4-5	16	134		
45"	8-0"	4-4"	14	109	83	53	10-4"	5-2	18	165		
48"	8-6"	4-5"	12	117	91	58	11-4"	5-2	18	197		
54"	9-3"	4-6"	14	132	91	58	11-4"	5-2	18	197		
60"	10-6"	5-6"	16	193	98	63	12-7"	5-7"	20	238		
66"	11-9"	5-9"	18	242	106	68	13-9"	5-10"	20	289		
72"	13-0"	6-0"	18	277	113	72	14-9"	6-0"	22	314		
78"	14-3"	6-3"	20	337	121	77	15-11"	6-3"	22	349		
84"	15-6"	6-6"	22	405	128	82	17-0"	6-5"	24	404		

**OUTLET CHANNEL PROTECTION DETAIL**  
(CUTOFF WALL DEPTH 2'-6" MINIMUM IS VARIABLE TO MATCH REQUIRED THICKNESS OF ROCK.)

**CITY OF PIQUA**  
ACCESS Engineering Solutions

**REVISIONS:**  
 DATE APPROVED: DEC 2016  
 DRAWING NO: 600-8  
 12-16-16 80

### ODOT 2-5 CATCH BASIN NOT TO SCALE

**SECTION A-A**  
Catch Basin No. 2-5 & No. 2-6

**SECTION B-B**  
Catch Basin No. 2-5 & No. 2-6

**PLAN**  
Catch Basin No. 2-5 & No. 2-6

**SECTION C-C**  
Catch Basin No. 2-5 & No. 2-6

**NOTES**

**GENERAL:** Catch Basins 2-5 and 2-6 are not intended for traffic bearing applications.

**GRATE:** See details on SCD CB-2-2A, 2-2B, 2-2C. If necessary, bicycle safe grates will be specified in the plans. Furnish Neenoh No. R-4859-C or East Jordan No. 5310 Type M3 bicycle safe grates or approved equals.

**WALLS:** Construct reinforced concrete walls 8" thick, as shown. Construct brick walls used in place of reinforced concrete with a nominal thickness of 12". Provide precast walls at least 6" thick with sufficient reinforcement to permit shipping and handling without damage and at least equivalent to reinforced cast-in-place construction.

**STEPS:** Provide steps where the depth exceeds 6". Meet the requirements of SCD MH-1.

**CONCRETE:** Provide Class GC1 concrete for cast-in-place structures. When precast, provide concrete meeting the requirements of CMS 706.13. Mark the catch basin number on the structure.

**REINFORCEMENT:** Provide #6 bars spaced 6" center to center and #8 bars spaced as shown for top reinforcement. Main bars to clear bottom of slab by 1/4". Side wall to be reinforced with #6 bars horizontal in each side, 6" long for CB No. 2-5 and 7" long for CB 2-6, spaced at 1' center to center, and #6 bars in each corner length equals depth plus 1'.

**PRECAST BASE:** If a precast base is used, set it deep enough so that the top can be placed on the base to provide the grate elevation specified in the plans. Do not use brick layers to adjust the top elevation.

**LOCATION AND ELEVATION:** When given on the plans, the location and the elevation are at the top center of the grate. When side openings are provided, the elevation is at the flow line of the side inlet.

**MINIMUM DEPTH:** The minimum depth of CB No. 2-5 and CB No. 2-6 is the outside diameter (O.D.) of the outlet pipe plus 7".

**OPENINGS:** Ensure pipe openings are the O.D. of the pipe being supplied plus 2" when fabricated or field cut. Fill all voids per CMS 611.

**SIDE INLETS:** Provide inlets on both sides of the No. 2-5 and 2-6 catch basin in sags and on upstream side only where the ditch has a continuous down grade past the catch basin. Do not use catch basins with side inlets within the Clear Zone.

**PAYMENT:** All materials and labor, including excavation and backfill, are paid for under Item 611 - Catch Basin, No. 2-5 or Item 611 - Catch Basin, No. 2-6.

CATCH BASIN	OUTLET PIPE SIZE
2-5	42" to 48"
2-6	54" to 60"

**OFFICE OF HYDRAULIC ENGINEERING**  
Jeffery E. Syar  
DESIGN AGENCY

**STANDARD HYDRAULIC CONSTRUCTION DRAWING**  
CATCH BASIN No. 2-5, 2-6

SHEET NO. CB-2-5, 2-6  
 P.1 TOTAL 1

### STANDARD HYDRAULIC CONSTRUCTION DRAWING CATCH BASIN No. 2-3, 2-4

**SECTION A-A**  
Catch Basin No. 2-3 & No. 2-4

**SECTION B-B**  
Catch Basin No. 2-3 & No. 2-4

**PLAN**  
Catch Basin No. 2-3 & No. 2-4

**SECTION C-C**  
Catch Basin No. 2-3 & No. 2-4

**NOTES**

**GENERAL:** Catch Basins 2-3 and 2-4 are not intended for traffic bearing applications.

**GRATE:** See details on SCD CB-2-2A, 2-2B, 2-2C. If necessary, bicycle safe grates will be specified in the plans. Furnish Neenoh No. R-4859-C or East Jordan No. 5310 Type M3 bicycle safe grates or approved equals.

**WALLS:** Construct brick or cast-in-place walls with a nominal 6" thickness. Provide precast walls at least 6" thick with sufficient reinforcement to permit shipping and handling without damage.

**STEPS:** Provide steps where the depth exceeds 6". Meet the requirements of SCD MH-1.

**CONCRETE:** Provide Class GC1 concrete for cast-in-place structures. When precast, provide concrete meeting the requirements of CMS 706.13. Mark the catch basin number on the structure.

**REINFORCEMENT:** Provide #4 bars spaced 6" center to center for top reinforcement. For Catch Basin No. 2-3 use eight bars, and for Catch Basin No. 2-4 use twelve bars.

**INLETS OVER 12 FEET DEEP:** Use precast or cast-in-place concrete; reinforce with #4 bars on 12" centers both vertically and horizontally with 2" clearance from inside wall face.

**PRECAST BASE:** If a precast base is used, set it deep enough so that the top can be placed on the base to provide the grate elevation specified in the plans. Do not use brick layers to adjust the top elevation.

**LOCATION AND ELEVATION:** When given on the plans, the location and the elevation are at the top center of the grate. When side openings are provided, the elevation is at the flow line of the side inlet.

**MINIMUM DEPTH:** The minimum depth of CB No. 2-3 and CB No. 2-4 is the outside diameter (O.D.) of the outlet pipe plus 7".

**OPENINGS:** Ensure pipe openings are the O.D. of the pipe being supplied plus 2" when fabricated or field cut. Fill all voids per CMS 611.

**SIDE INLETS:** Provide inlets on both sides of the No. 2-3 and 2-4 catch basin in sags and on upstream side only where the ditch has a continuous down grade past the catch basin. Do not use catch basins with side inlets within the Clear Zone.

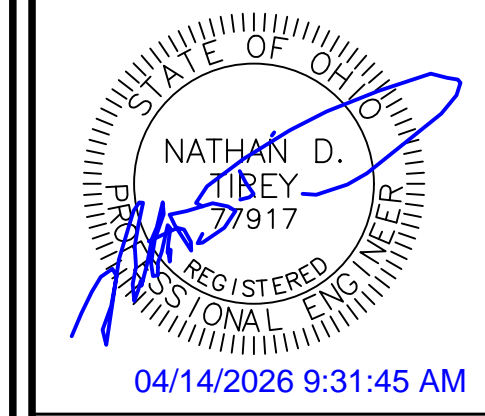
**PAYMENT:** All materials and labor, including excavation and backfill, are paid for under Item 611 - Catch Basin, No. 2-3 or Item 611 - Catch Basin No. 2-4.

CATCH BASIN	OUTLET PIPE SIZE
2-3	12" to 21"
2-4	30" to 36"

**OFFICE OF HYDRAULIC ENGINEERING**  
Jeffery E. Syar  
DESIGN AGENCY

**STANDARD HYDRAULIC CONSTRUCTION DRAWING**  
CATCH BASIN No. 2-3, 2-4

SHEET NO. CB-2-3, 2-4  
 P.1 TOTAL 1



Date	Description
04/14/2026	BID SET

**SITE DEVELOPMENT PLANS FOR:**  
**PIQUA HIGH SCHOOL**  
**WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO

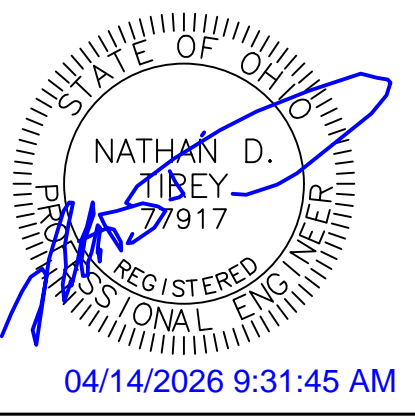
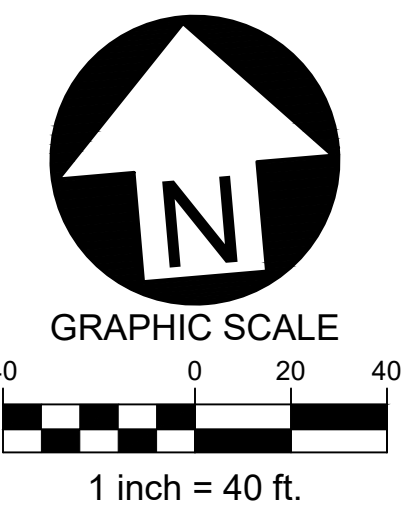
BURKHARDT

ENGINEERS & SURVEYORS

28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-358-9869 | BURKHARDT.COM  
 CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

Design: NDT	Proj: 25223
Draw: NDT	Dwg:
Check: SRF	Tab:
Scale: SEE SHEET	
Date: 04.14.2026	
Sheet:	
Site Details:	
Sheet No.:	C-5.1

DAYTON POWER  
AND LIGHT COMPANY  
D.B. 511-118  
3.5996 ACRES

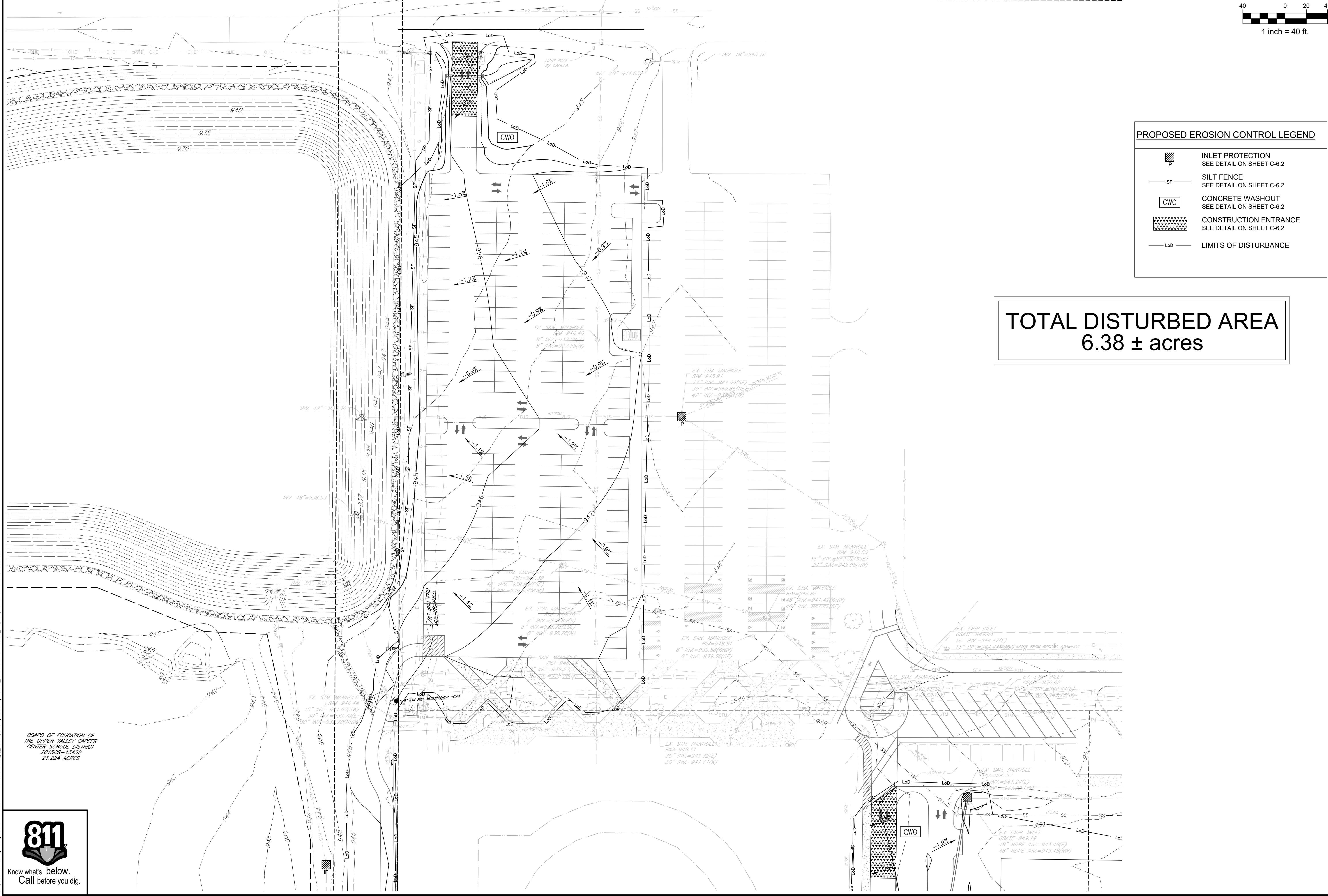


Date	Description
04/14/2026	
1	BID SET

**PROPOSED EROSION CONTROL LEGEND**

- INLET PROTECTION  
SEE DETAIL ON SHEET C-6.2
- SILT FENCE  
SEE DETAIL ON SHEET C-6.2
- CONCRETE WASHOUT  
SEE DETAIL ON SHEET C-6.2
- CONSTRUCTION ENTRANCE  
SEE DETAIL ON SHEET C-6.2
- LIMITS OF DISTURBANCE

**TOTAL DISTURBED AREA  
6.38 ± acres**



BOARD OF EDUCATION OF  
THE UPPERS VALLEY CAREER  
CENTER SCHOOL DISTRICT  
20150A-13452  
21.224 ACRES

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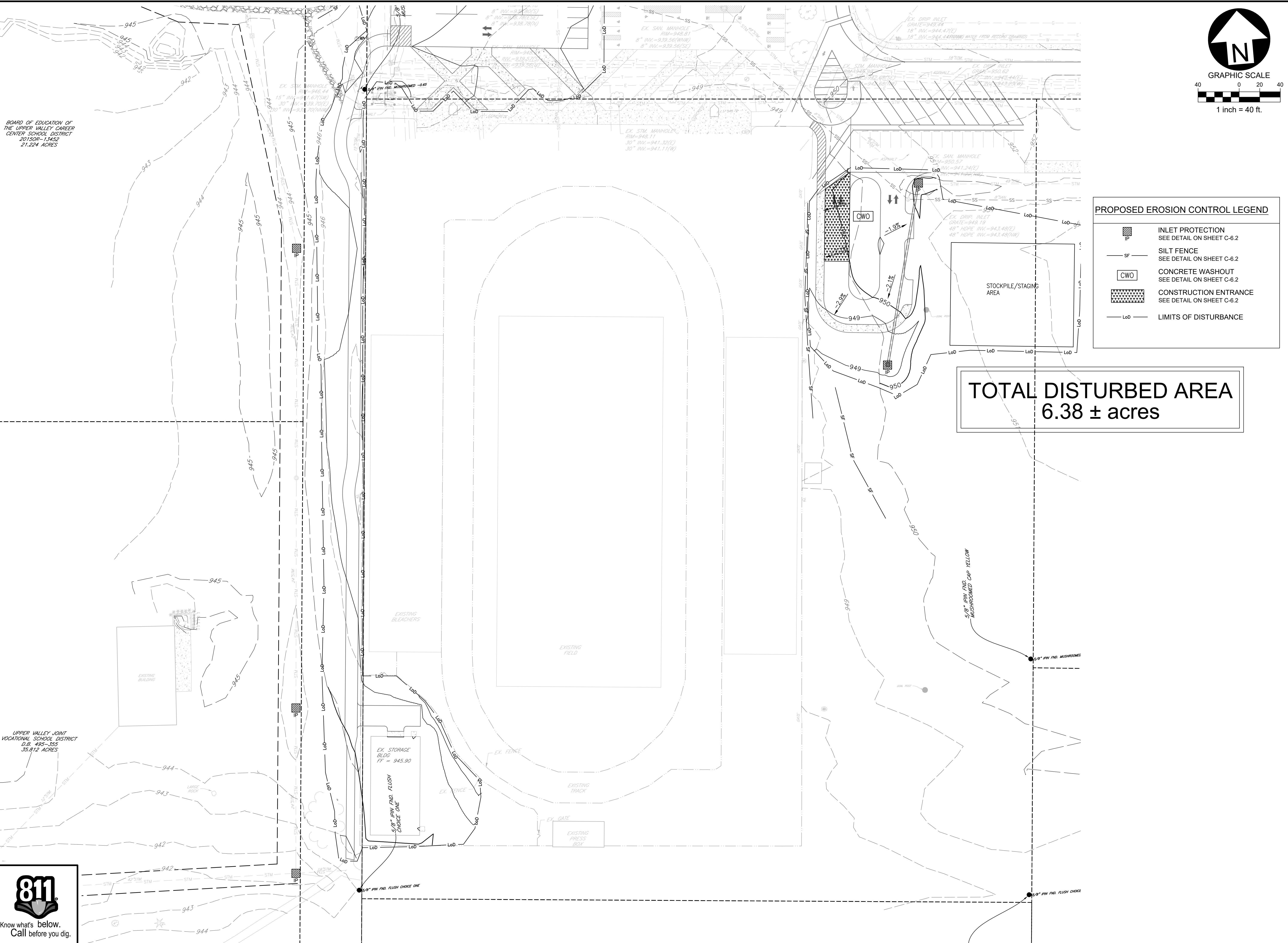


**SITE DEVELOPMENT PLANS FOR:**  
**PIQUA HIGH SCHOOL**  
**WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO



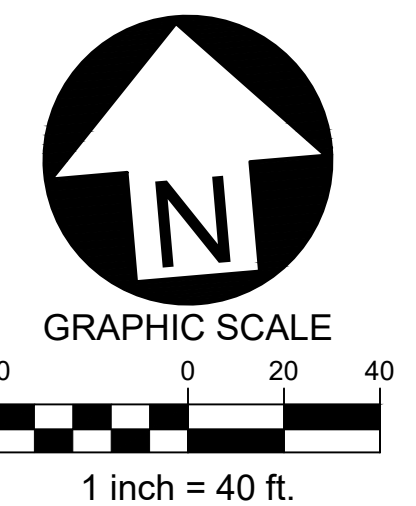
Design: NDT	Proj: 25223
Draw: NDT	Dwg:
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Scale: SEE SHEET	
Date: 04.14.2026	
Sheet: NORTH SWPPP PLAN	
Sheet No.: C-6.0	

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BOARD OF EDUCATION OF THE UPPER VALLEY CAREER CENTER SCHOOL DISTRICT  
2015OR-13452  
21.224 ACRES

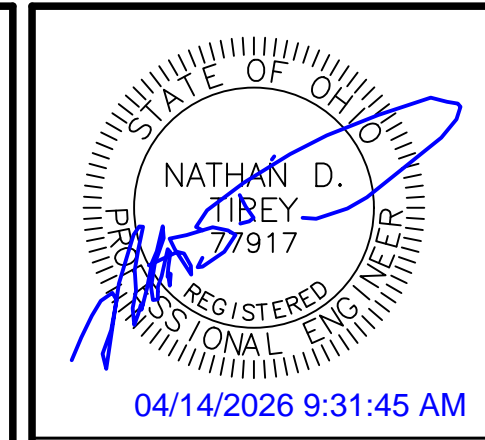
UPPER VALLEY JOINT VOCATIONAL SCHOOL DISTRICT  
D.B. 495-355  
35.812 ACRES



**PROPOSED EROSION CONTROL LEGEND**

- INLET PROTECTION  
SEE DETAIL ON SHEET C-6.2
- SILT FENCE  
SEE DETAIL ON SHEET C-6.2
- CONCRETE WASHOUT  
SEE DETAIL ON SHEET C-6.2
- CONSTRUCTION ENTRANCE  
SEE DETAIL ON SHEET C-6.2
- LIMITS OF DISTURBANCE

**TOTAL DISTURBED AREA**  
6.38 ± acres



Date	Description
04/14/2026	1 BID SET

SITE DEVELOPMENT PLANS FOR:  
**PIQUA HIGH SCHOOL**  
**WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO

**BURKHARDT**  
 ENGINEERS & SURVEYORS  
 28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-9860 | BURKHARDTINC.COM  
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Design: NDT	Proj: 25223
Draw: NDT	Dwg:
Check: SRF	Tab:
Scale: SEE SHEET	
Date: 04.14.2026	
Sheet: SOUTH SWPPP PLAN	
Sheet No.: C-6.1	





**GENERAL STORMWATER POLLUTION PREVENTION NOTES**

- All erosion and sediment control practices must conform to the standards and specifications set forth by the Local, State, and Federal Authorities.
- Construction activities shall be scheduled such that a minimum area of the site is disturbed at a time. Construction operation shall be scheduled and performed so that preventative soil erosion control measures are in place prior to excavation in critical areas and temporary stabilization measures are in place immediately following backfilling operations. Contractor shall reduce effects of storm water by using and/or maintaining grassed swales, infiltration structures, or water diversions.
- Special precautions will be taken in the use of construction equipment to prevent situations that promote erosion.
- Cleanup will be done in a manner to ensure that erosion control measures are not disturbed.
- The soil erosion controls are to be inspected once a week and within 24 hours of a 0.50 inch or greater rain event. A written log of these inspections and improvements to controls shall be kept on site. The logs shall include the date of inspection, name of the inspector, weather conditions, actions taken to correct any problems and the date corrective actions were taken.
- Temporary soil stabilization shall occur within 7 days after rough grading if the area will remain idle longer than 14 days. Any disturbed area that is not going to be worked for 365 days or more must be permanently stabilized (seeded and mulched) within 7 days of most recent disturbance.
- Trenches for underground utility lines and pipes shall be temporarily stabilized within 7 days if they are to remain inactive for 14 days. Trench dewatering devices shall discharge in a manner that filters soil-laden water before discharging it to a receiving drainage ditch or pond. If seeding, mulching or other erosion and sediment control measures were previously installed; these protective measures shall be reinstalled. Pipelines with joints that allow a manufactured length of pipe to be placed in the trench with the pipe joint assembled/made in the trench require an open pipeline trench that is only slightly longer than the length of pipe being installed. The total length of excavated trench open at any time should not be greater than the total length of pipeline/utility that can be placed in the trench and backfilled in one working day. No more than 50 linear feet of open trench should exist when pipeline/utility line installation ceases at the end of the work day.
- Soil stockpiles shall be stabilized or protected to prevent soil loss.
- All disturbed areas shall be permanently stabilized within 7 days of final grading. Further, soil erosion control measures shall be maintained until permanent stabilization is complete, at which time temporary measures will be removed. Permanent vegetation is a ground cover dense enough to cover 80% of the soil surface and mature enough to survive winter weather conditions.
- Silt fence to be 2' minimum from property lines in areas where work is near adjacent properties.
- The Contractor shall establish a permanent on-site benchmark prior to clearing, grubbing and/or demolition.
- Haul Routes - The Contractor shall be responsible for the cleanup of any mud, dirt, or debris deposited on haul roads as a result of his operations. Soil shall be removed from roads and paved surfaces at the end of each day in such a manner that does not create off-site sedimentation in order to ensure safety and abate off-site soil loss. Collected sediments shall be placed in a stable location on site or taken off-site to a stable location. Contractor shall use State Routes (and shortest distance non-state routes) for project haul route.
- No solid or liquid waste shall be discharged into storm water runoff.
- Disposal of solid, sanitary and toxic waste - Solid, sanitary and toxic waste must be disposed of in a proper manner in accordance with local, state and federal regulations. It is prohibited to burn, bury or pour out onto ground or into storm sewer any solvents, paint, stains, gasoline, diesel fuel, used motor oil, hydraulic fluid, antifreeze, cement curing compounds and other such toxic or hazardous waste.
- Wash out of cement trucks should occur in the designated area where the washing can collect and be disposed of properly when it hardens.
- If a concrete washout area, and/or a stockpile area are needed, a delineated area for each must be provided and maintained for them. Areas can be located in an alternate location than that shown on the plans if necessary due to construction operations and other field considerations.
- No fuel storage is permitted on-site.
- All storm sewers, infiltration, detention, and retention areas shall be cleared of construction sediment upon completion of construction.
- The General Contractor shall be responsible for submitting a Notice of Intent (NOI) and Notice of Termination (NOT) as required by the Ohio EPA.
- The General Contractor is responsible for ensuring that all soil erosion and sediment control practices comply with the Ohio EPA's General Permit for Construction No. OHC000005 and follow the best practices set forth in the ODNR Rainwater and Land Development Manual.
- Dumpsters shall be provided for the disposal of debris, trash, hazardous and petroleum waste. All containers must be covered and leak proof.
- All construction and demolition debris waste will be disposed of in an OEPA approved C&DD landfill as required by Ohio Revised Code 3714.
- Any areas that will be used for mixing or storing fertilizers, lime, asphalt or concrete or used for vehicle fueling shall be designated and these areas should be kept away from any watercourses or storm sewers.
- A Spill Prevention Control and Countermeasures (SPCC) Plan shall be developed if the site has one above ground storage tank of 660 gallons or more, total above ground tank storage of 1330 gallons, or below ground storage of 42,000 gallons of fuel.
- All contaminated soils must be treated and/or disposed in OEPA approved solid waste management facilities or hazardous waste treatment, storage or disposal facilities (TSDFs).
- In the event of a large release of petroleum waste (25 gallons or more) contractor shall contact OEPA at 1-800-282-9378, the local fire department and the local emergency planning committee (LEPC) within 30 minutes of spill.
- Protected storage areas for industrial or construction materials shall be used to minimize exposure of such materials to storm water.
- If the Contractor uses pumps to assist in construction dewatering efforts, the water must be filtered prior to discharging it into the municipal storm sewer system, ensuring that no soil, silt or sediment enters the system.
- Contractor to review and determine the best locations for construction entrance, concrete washout, dumpsters, and other SWPPP elements. All dirt and sediment is to be kept off public streets.
- Contractor shall coordinate all soil erosion control and construction entrance with the City of Piqua prior to start.

**SOIL EROSION CONTROL SEQUENCE OF CONSTRUCTION**

- Stone tracking pad atop geotextile liner.
- Install silt fence and protection fencing.
- Install sediment basin if applicable.
- Initial clearing, grubbing, and demolition.
- Strip and stockpile top soil.
- Rough grade and balance site.
- Install underground utilities (i.e. Sanitary, Storm & Water)
- Place inlet filters on all storm inlets.
- Install franchise utilities (i.e. Gas, Electric, Telephone & Cable TV).
- Final grade site.
- Install pavement, curb, and other hardscape structures/surfaces.
- Stabilize ditches, swales, common areas and slopes.
- Establish permanent vegetation for all disturbed areas.
- Remove all temporary erosion and sediment control devices.
- Clean out storm sewer system, infiltration, detention, and retention areas upon completion.

**SOIL EROSION CONTROL MAINTENANCE**

- Inlet protection devices and barriers shall be repaired or replaced if they show signs of undermining or deterioration.
- All seeded areas shall be checked regularly to see that a good stand is maintained. Areas should be fertilized, watered, and reseeded as necessary.
- Silt fences shall be repaired to their original conditions if damaged. Sediment shall be removed from the silt fences when it reaches one-half the height of the silt fence.
- The construction entrance shall be maintained in a condition which will prevent tracking or flow of mud onto public rights-of-way.
- Sediment from the storm sewers, infiltration, detention, and retention areas shall be removed as necessary to maintain proper functionality.

**SOIL EROSION CONTROL PRODUCT NOTES**

All stormwater inlets shall be protected with Geotextile Inlet Protection or Inlet Filters (Dandy Products, Flexstorm, or equivalent).

**INSPECTION NOTES**

- Inspections shall be made weekly and within 24 hours after a rain event of 0.5 inches within a 24 hour period. Inspection frequency may be reduced to monthly for dormant sites if the entire site is temporarily stabilized or if runoff is unlikely due to weather conditions for extended periods of time.
- Only qualified inspection personnel shall perform inspections.
- Inspection checklist shall be completed and signed by the inspector after every inspection. The inspection checklist shall contain the following: date, name/title/qualifications of inspectors, weather for the period since the last inspection (rainfall amounts, duration, etc.), weather and description of any discharges occurring at time of inspection, location of discharges or other pollutants from the site, location of BMP needing maintenance, location of any failed BMPs, location for additional BMPs needed based on inspection, corrective actions required including any changes to the SWP3 and implementation dates.
- The inspection records are to be kept 3 years after termination of construction activity.
- Non sediment pond BMPs are to be repaired 3 days after inspections and sediment ponds to be repaired or cleaned out within 10 days after inspection.
- If a BMP is not functioning like it was intended to it shall be replaced within 10 days of inspection.
- For missing BMPs they shall be installed within 10 days of inspection.

**SITE OVERVIEW:**

**NATURE OF CONSTRUCTION ACTIVITY:** Project consists of constructing two new parking lots. Mass grading will be performed as necessary to construct the project and we anticipate that existing soils may need to be transported off site due to the grading cuts existing. Runoff from the site will be collected in a new storm sewer system and routed into the existing regional detention basin which controls storm water quantity and quality for this project. Soil erosion control measures will be implemented throughout construction to prevent soil, silt, and other debris from entering the public storm sewer system.

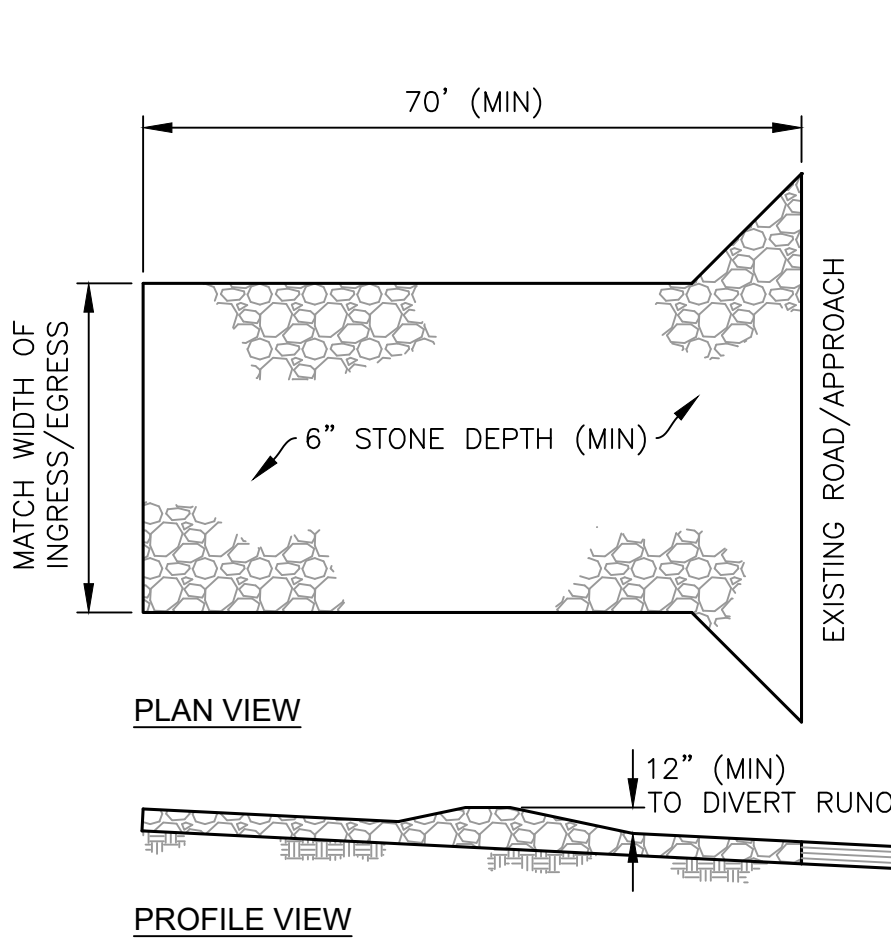
**TOTAL AREA TO BE DISTURBED:** Approximately 6.38 acres will be disturbed.

**EXISTING SOILS:** Site consists of Brookston Silty Clay Loam, Celina Silt Loam, Crosby Silt Loam and Odell Silt Loam.

**EXISTING LAND USE:** Land is currently used as lawn space and pavement. Land use will change to two new parking lots and lawn space. Property is not known to have had hazardous or solid waste.

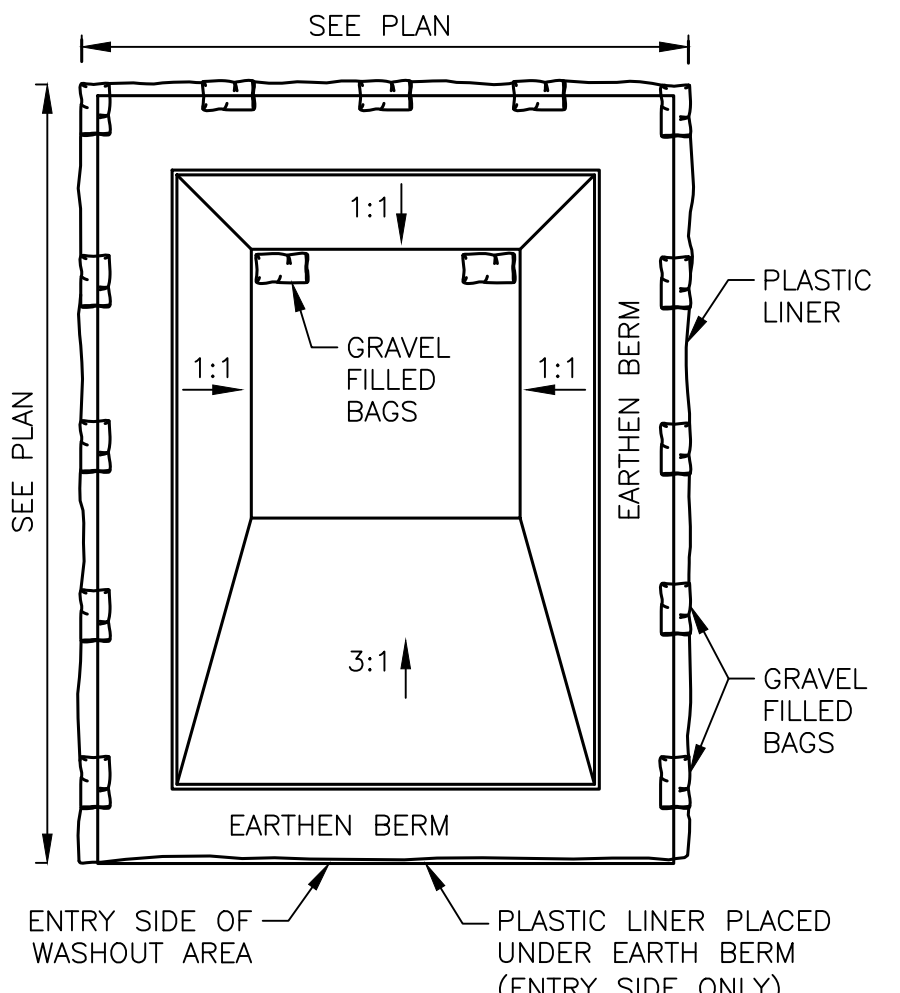
**NAME OF SURFACE WATER:** The storm water enters an existing 54" culvert opening near the rear of the Upper Valley Career Center and ultimately drains into Garbry Creek.

**WETLANDS:** There are no wetlands in the work area.



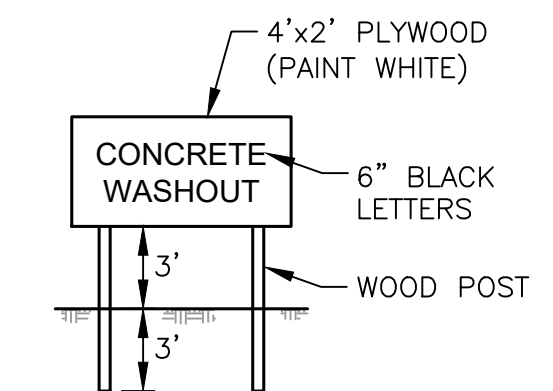
- NOTES:**
- STONE SHALL BE 1.5"-2.5" IN DIAMETER
  - GEOTEXTILE FABRIC SHALL BE LAID OVER THE ENTIRE AREA PRIOR TO PLACING STONE. (US 200 OR EQUIV.)

**CONSTRUCTION ENTRANCE DETAIL**  
NOT TO SCALE

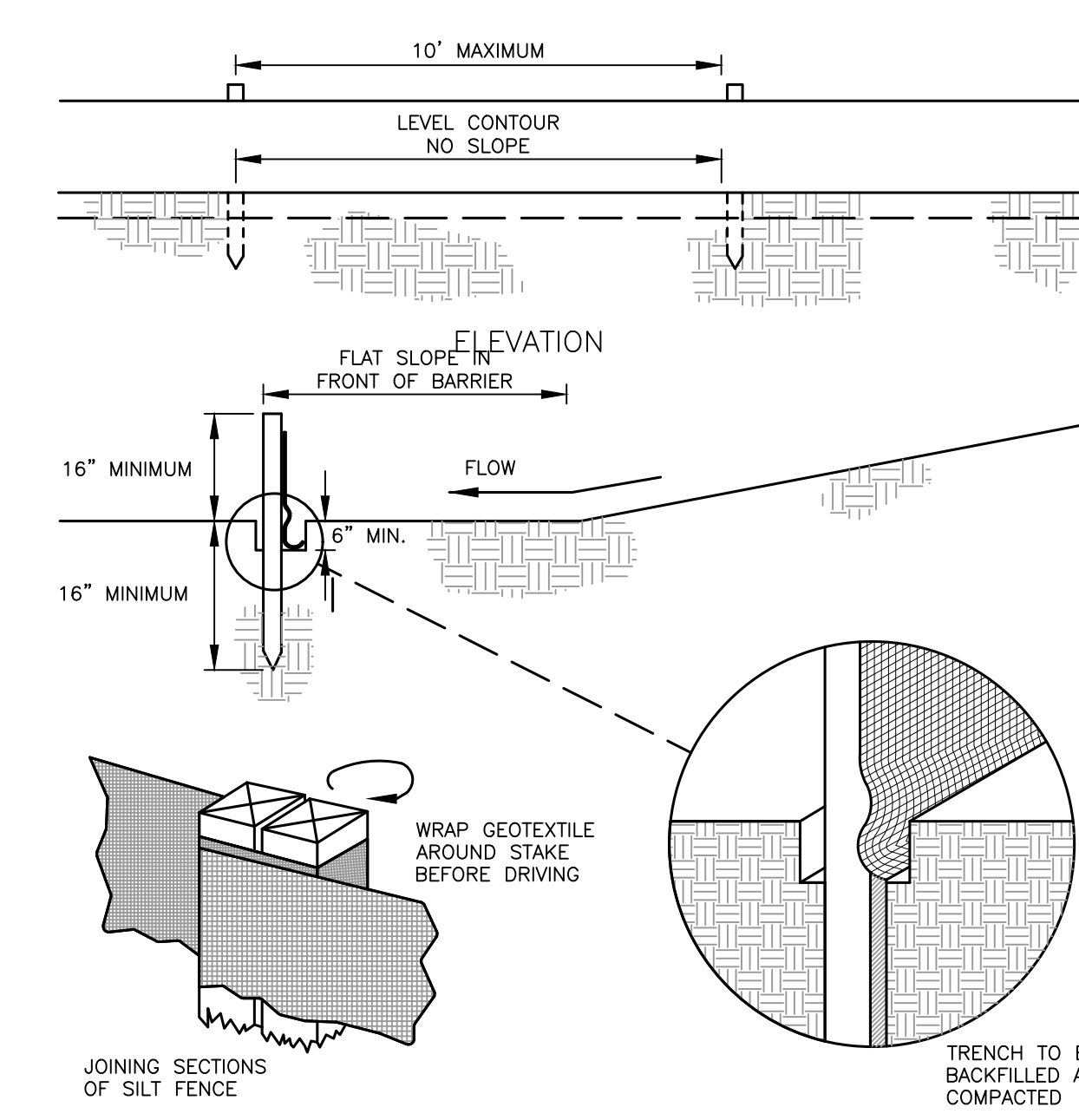


- NOTES:**
- PLASTIC LINER SHALL BE ANCHORED WITH GRAVEL-FILLED BAGS.
  - CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 10' OF THE CONCRETE WASHOUT AREA.

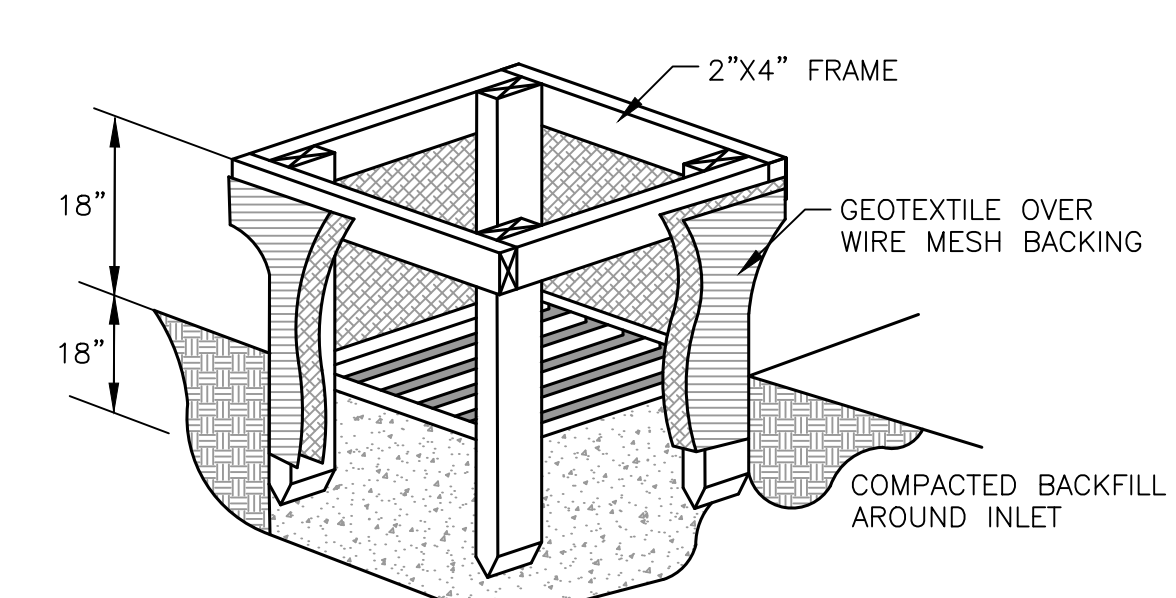
**CONCRETE WASHOUT AREA**  
NOT TO SCALE



**CONCRETE WASHOUT SIGN**  
NOT TO SCALE



**SILT FENCE & INLET PROTECTION INSTALLATION DETAIL**  
NOT TO SCALE



- NOTES:**
- INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE STORM DRAIN BECOMES OPERATIONAL.
  - THE EARTH AROUND THE INLET SHALL BE EXCAVATED COMPLETELY TO A DEPTH AT LEAST 18 IN.
  - THE WOODEN FRAME SHALL BE CONSTRUCTED OF 2-BY-4-IN. CONSTRUCTION-GRADE LUMBER. THE 2-BY-4-IN. POSTS SHALL BE DRIVEN 1 FT. INTO THE GROUND AT FOUR CORNERS OF THE INLET AND THE TOP PORTION OF 2-BY-4-IN. FRAME ASSEMBLED USING THE OVERLAP JOINT SHOWN. THE TOP OF THE FRAME SHALL BE AT LEAST 6 IN. BELOW ADJACENT ROADS IF PONDED WATER WOULD POSE A SAFETY HAZARD TO TRAFFIC.
  - WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC WITH WATER FULLY IMPOUNDED AGAINST IT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY TO THE FRAME.
  - GEOTEXTILE SHALL HAVE AN EQUIVALENT OPENING SIZE OF 20-40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY. IT SHALL EXTEND FROM THE TOP OF THE FRAME TO 18 IN. BELOW THE INLET NOTCH ELEVATION. THE GEOTEXTILE SHALL OVERLAP ACROSS ONE SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.
  - BACKFILL SHALL BE PLACED AROUND THE INLET IN COMPACTED 6-IN. LAYERS UNTIL EARTH IS EVEN WITH NOTCH ELEVATION ON ENDS AND TOP ELEVATION ON SIDES.
  - A COMPACTED EARTH DIKE OR A CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BELOW THE INLET IF THE INLET IS NOT IN A DEPRESSION AND IF RUNOFF BYPASSING THE INLET WILL NOT FLOW TO A SETTLING POND. THE TOP OF EARTH DIKES SHALL BE AT LEAST 6 IN. HIGHER THAN THE TOP OF THE FRAME.

**INLET PROTECTION DETAIL**  
NOT TO SCALE

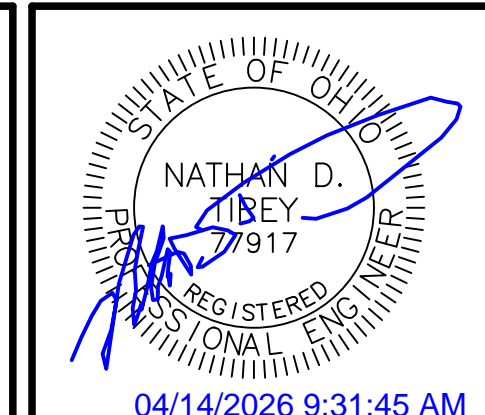
**DISTURBED AREA CALCULATIONS AND RUNOFF COEFFICIENTS**

Total Area Disturbed = 6.38 Acres

Pre-Developed Condition:  
Percent Impervious = 0.28% (0.02 Acres)  
Runoff Coefficient = 0.30

Post-Developed Condition:  
Percent Impervious = 62.3% (4.37 Acres)  
Runoff Coefficient = 0.67

\*Runoff Coefficient Used for Impervious Areas = 0.90  
\*Runoff Coefficient Used for Lawns = 0.30



Date	Description
04/14/2026	1 BID SET

SITE DEVELOPMENT PLANS FOR:  
**PIQUA HIGH SCHOOL WEST PARKING LOTS**  
 1 INDIAN TRAIL  
 CITY OF PIQUA, MIAMI COUNTY, OHIO



Design: NDT	Proj: 25223
Draw: NDT	Dwg:
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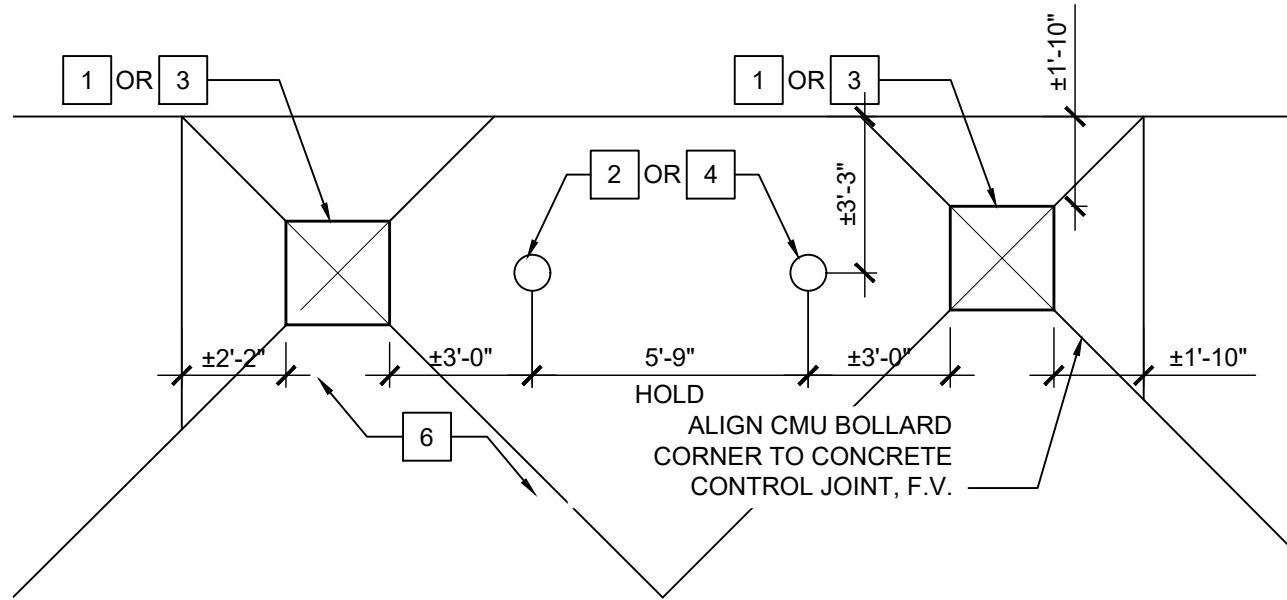
Date: **04.14.2026**

Sheet:  
**SWPPP NOTES & DETAILS**

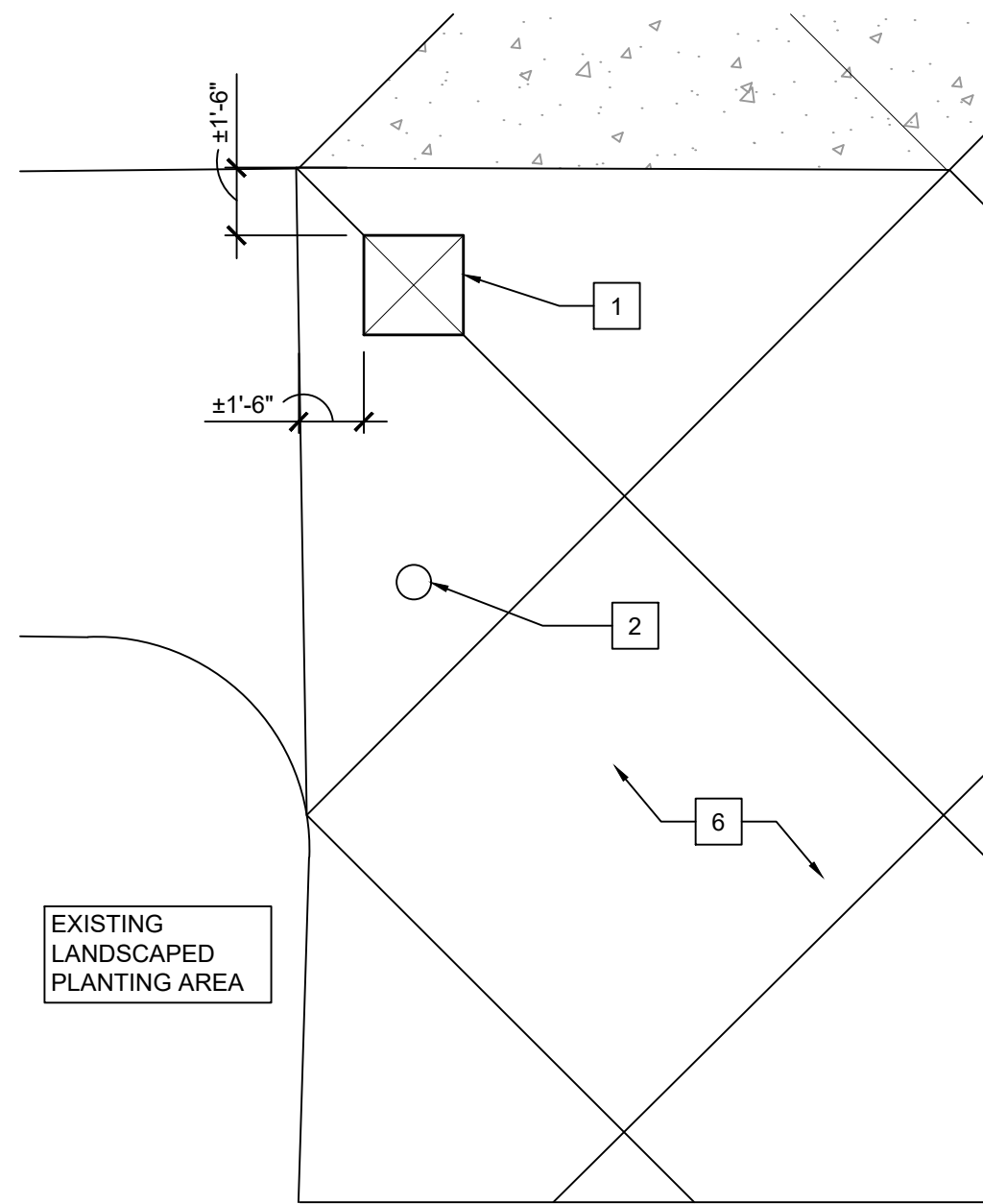
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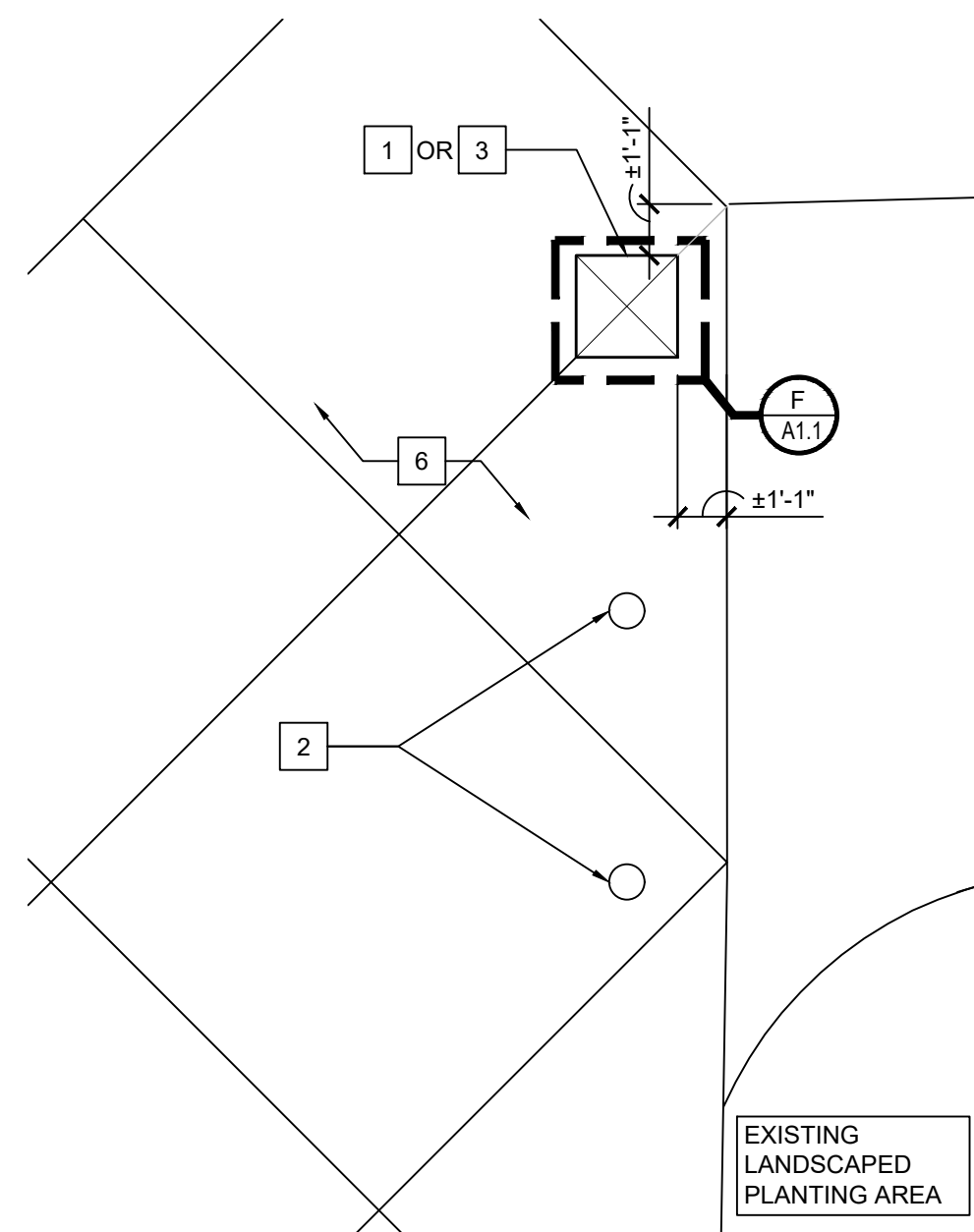




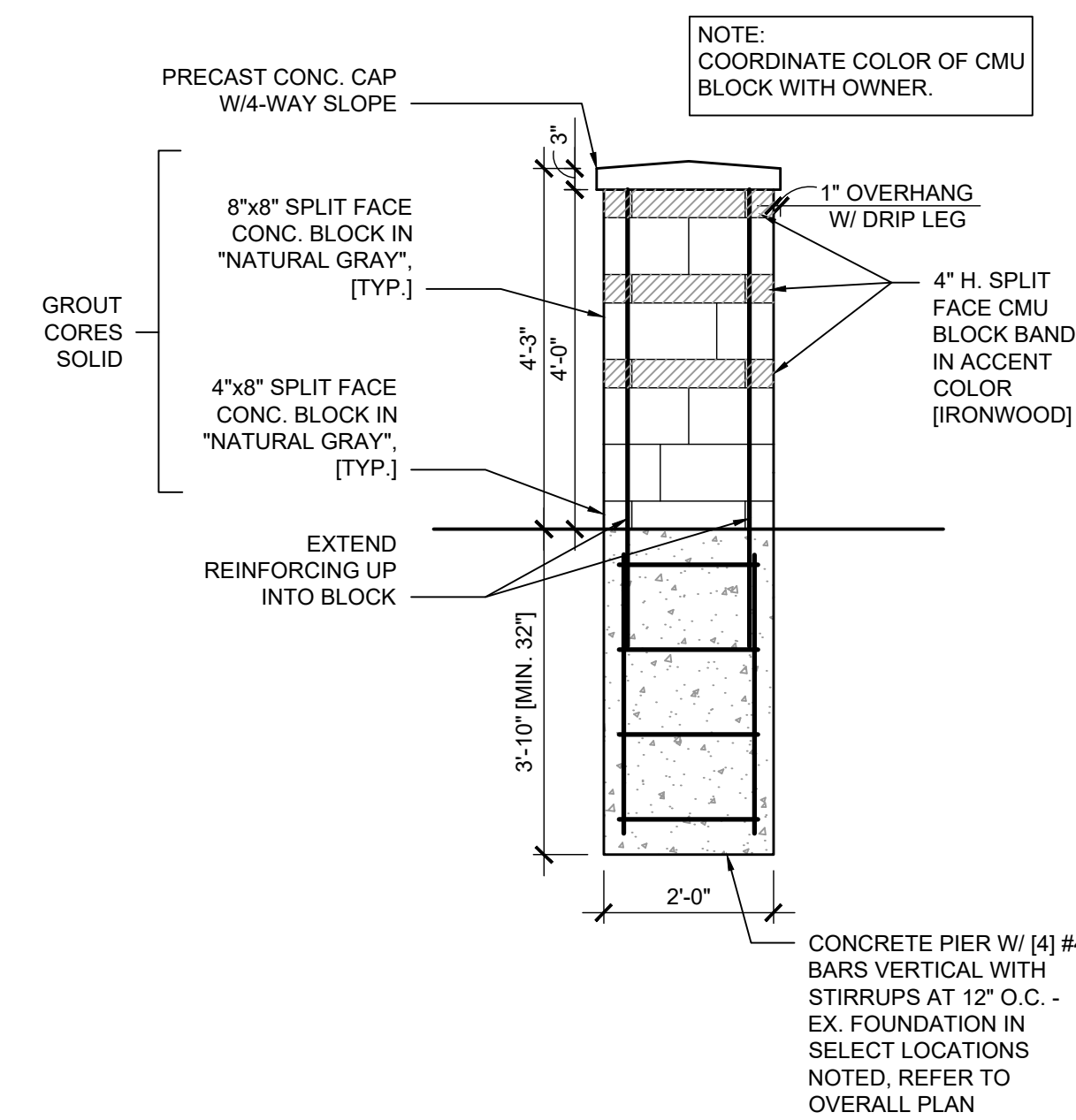
**H** NORTH BOLLARD LAYOUT  
SCALE: 1/4" = 1'-0"



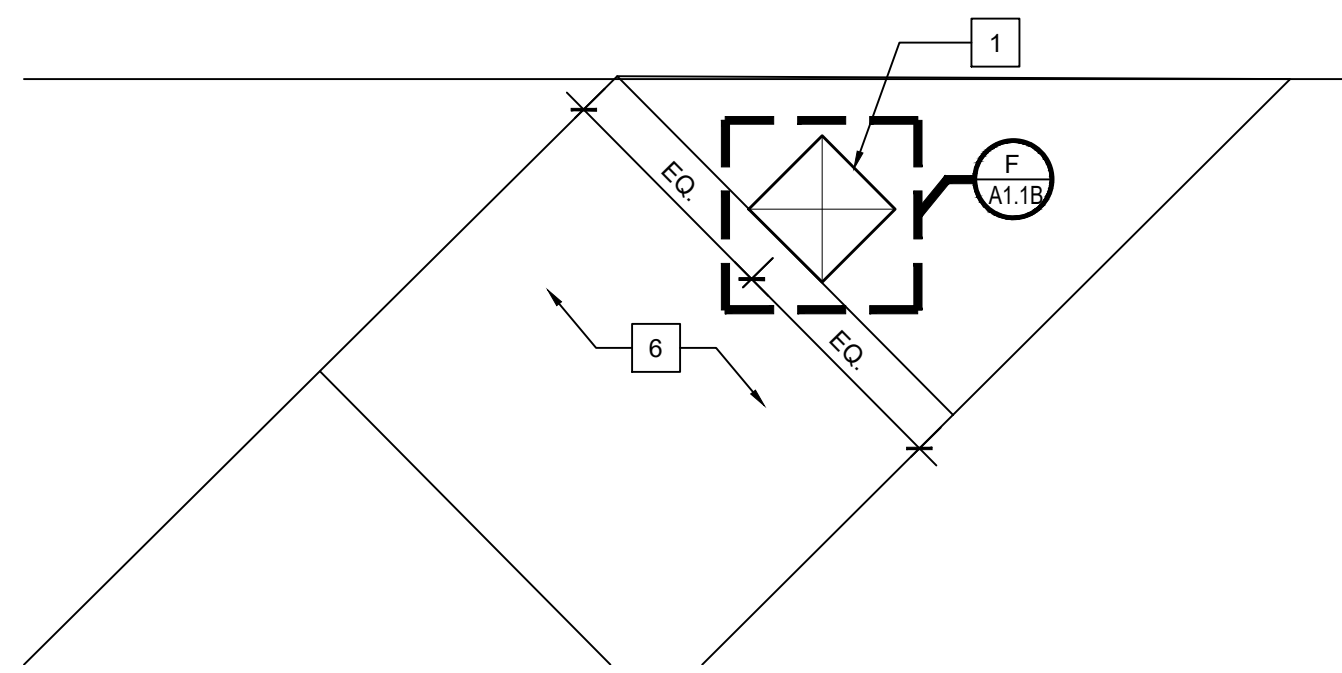
**B** WEST BOLLARD LAYOUT  
SCALE: 1/4" = 1'-0"



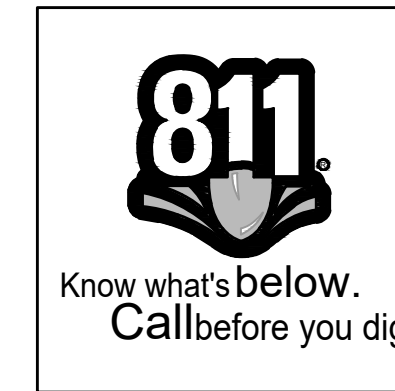
**C** EAST BOLLARD LAYOUT  
SCALE: 1/4" = 1'-0"



**E** TYP. CMU BOLLARD SECTION  
SCALE: 1/2" = 1'-0"

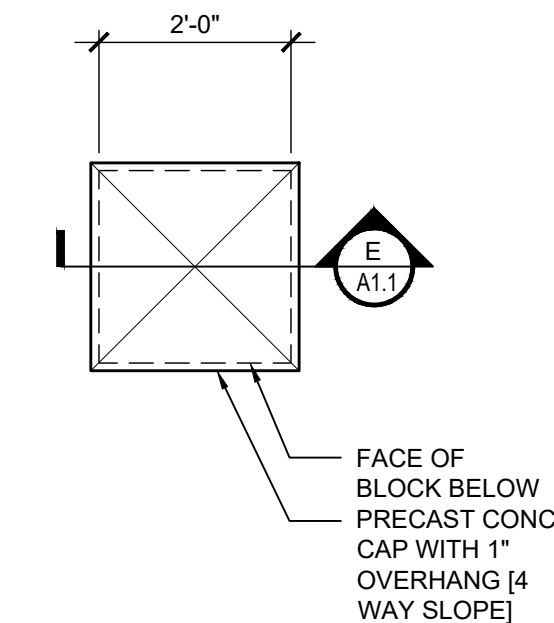


**D** ANGLED BOLLARD LAYOUT  
SCALE: 1/4" = 1'-0"

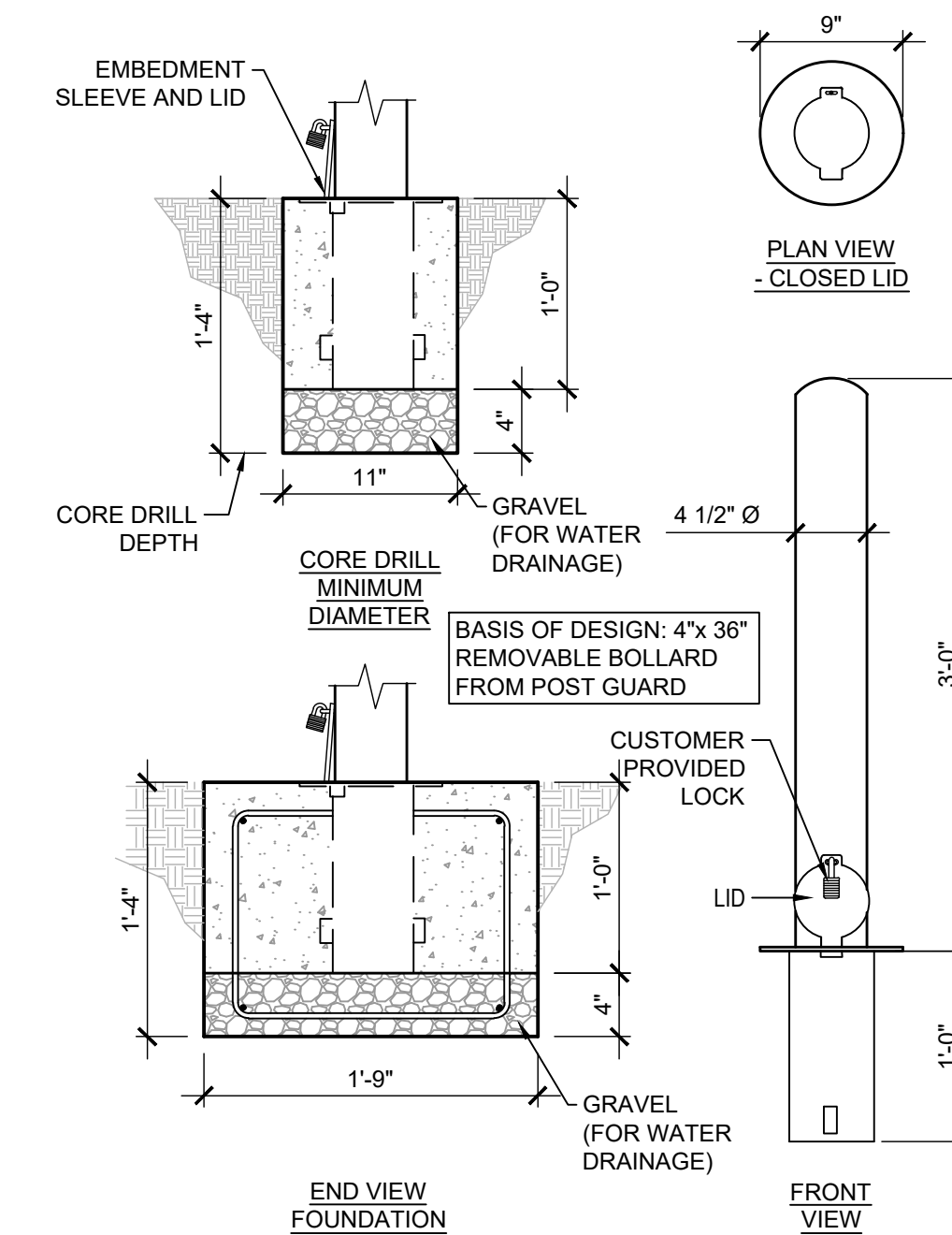


**# NEW CONSTRUCTION KEY NOTES**

1. NEW CMU BOLLARD SET ON EX. CMU BOLLARD FOUNDATION.
2. EXISTING REMOVABLE BOLLARD TO REMAIN.
3. NEW CMU BOLLARD.
4. NEW REMOVABLE BOLLARD.
5. NEW CONCRETE WALK.
6. EX. CONCRETE WALK.

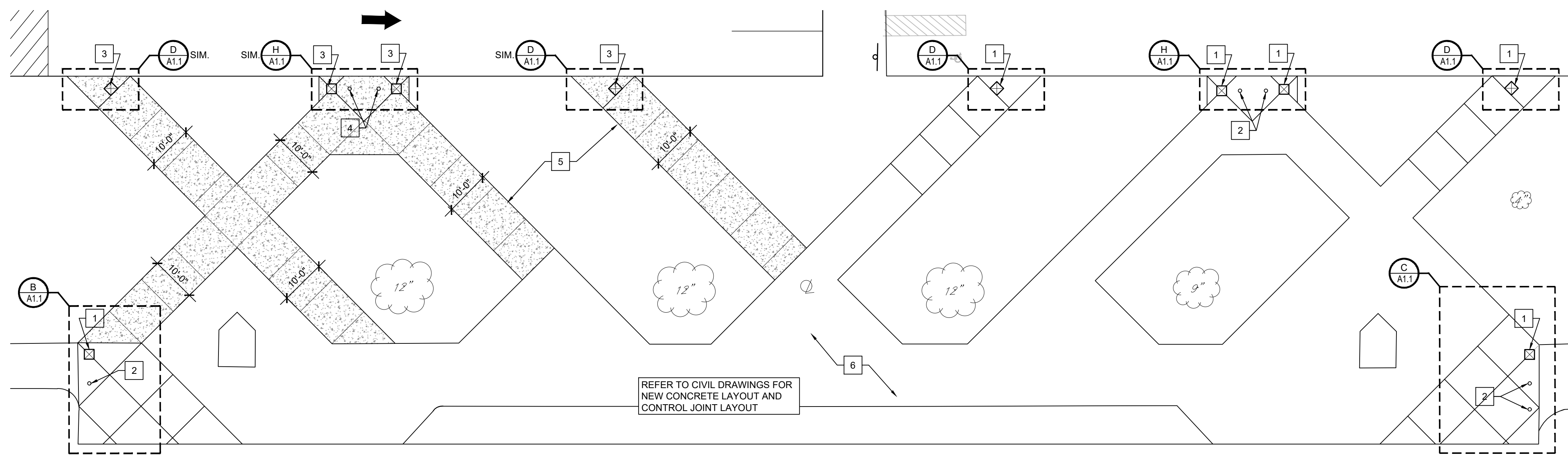


**F** TYP. CMU BOLLARD PLAN  
SCALE: 1/2" = 1'-0"

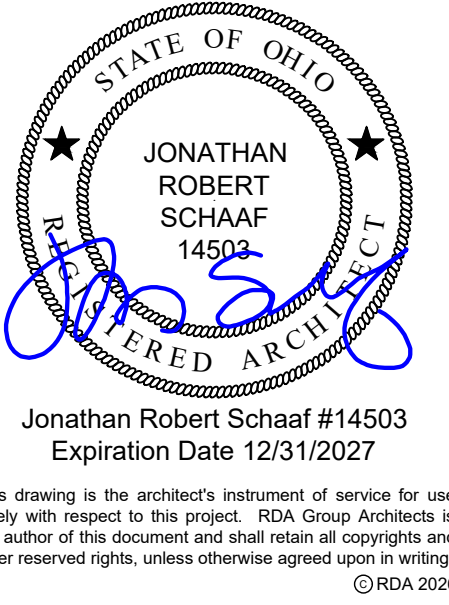


- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  2. DO NOT SCALE DRAWING.
  3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
  4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
  5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT [www.CADdetails.com/info](http://www.CADdetails.com/info) AND ENTER REFERENCE NUMBER 6046-025.

**G** TYP. REMOVABLE BOLLARD  
SCALE: 1/2" = 1'-0"



**A** ENLARGED PLAN AT STADIUM ENTRANCE SHOWING BOLLARD LOCATIONS  
SCALE: 1/16" = 1'-0"



**RDA GROUP ARCHITECTS**  
7662 PARAGON ROAD | DAYTON, OH 45459 | 937.610.3440



Parking Lot Improvements 2206 at:  
**Piqua High School**  
1 Indian Trail  
Piqua, OH 45356

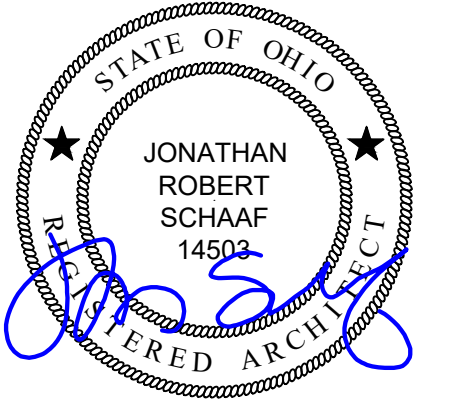
Project Number  
2025-167

Date  
April 10, 2026

Date	Issue
01.06.26	Review Set
02.20.26	Review Set
03.31.26	Review Set
04.07.26	Review Set
04.10.26	Construction/Bid Set

Sheet Title  
Bollard Plan  
Details

Sheet Number  
**A1.1**



Jonathan Robert SchAAF #14503  
Expiration Date 12/31/2027

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7662 PARAGON ROAD | DAYTON, OH 45459 | 937.610.3440



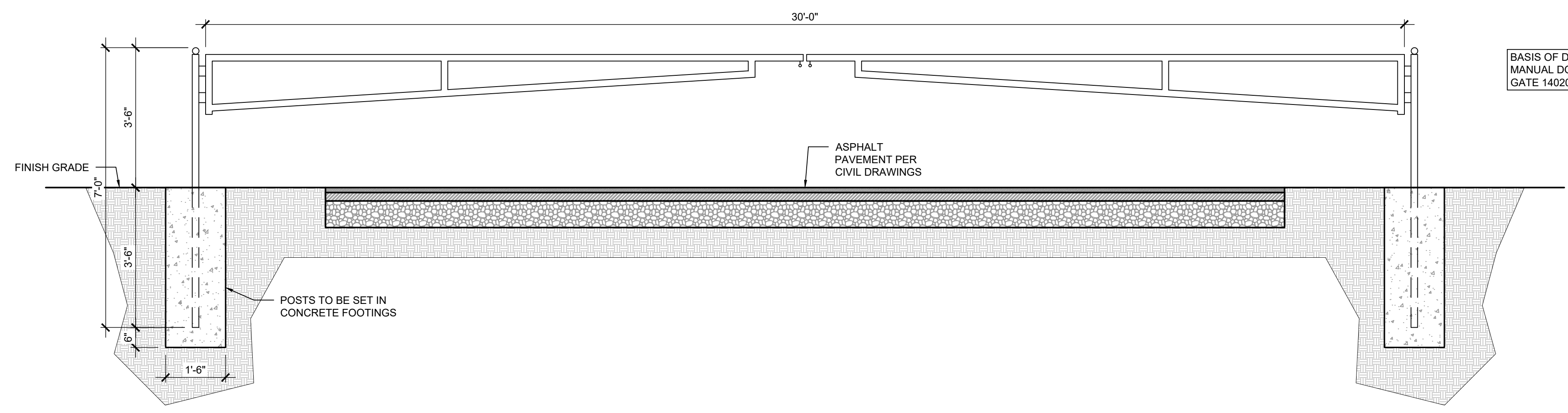
Parking Lot Improvements 2206 at:  
**Piqua High School**  
1 Indian Trail  
Piqua, OH 45356

Project Number	
2025-167	
Date	
April 10, 2026	
Date	Issue
01.06.26	Review Set
02.20.26	Review Set
03.31.26	Review Set
04.07.26	Review Set
04.10.26	Construction/Bid Set

Sheet Title  
Fencing Plan  
Details

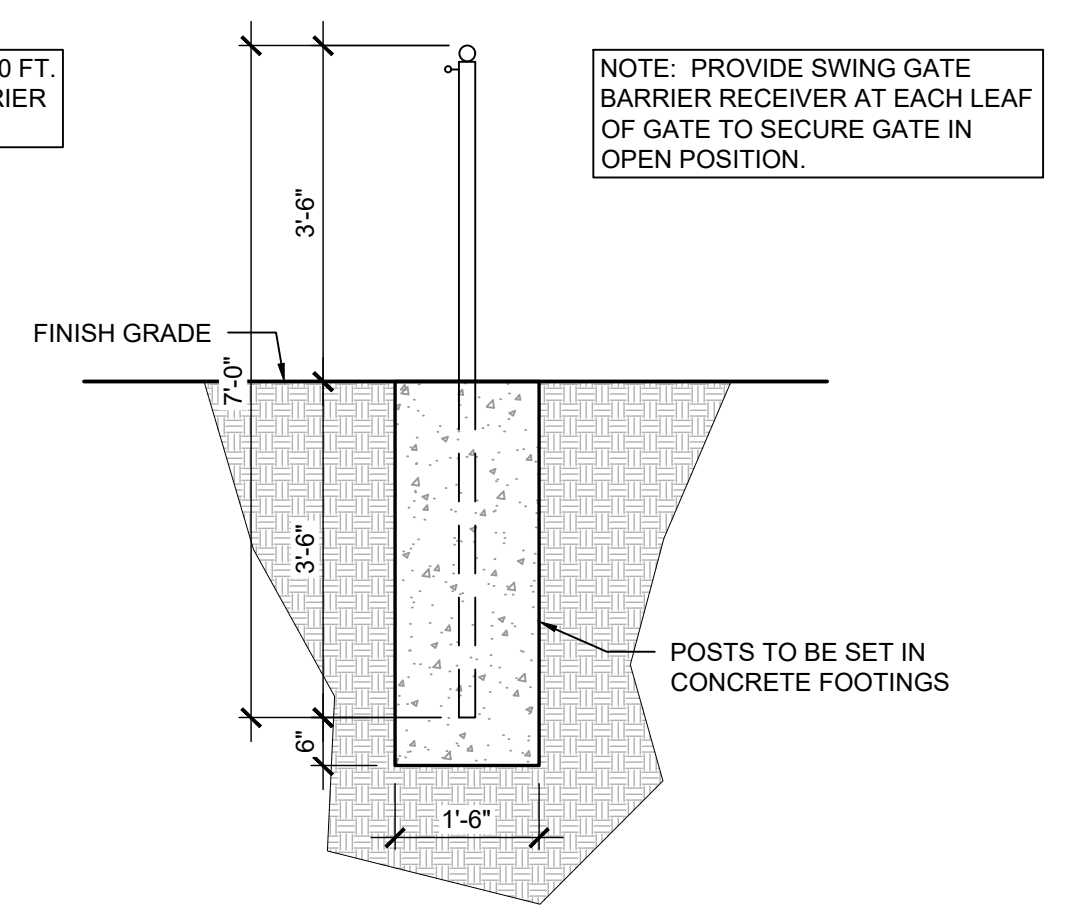
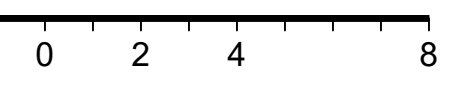
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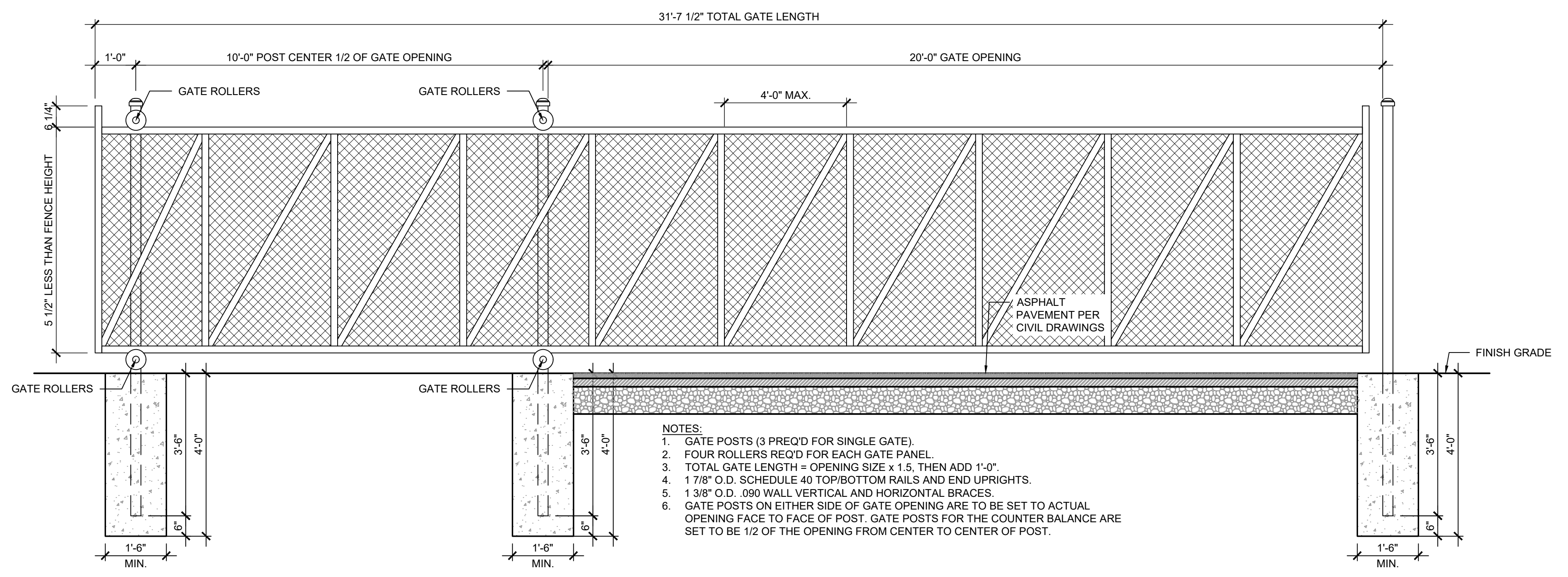
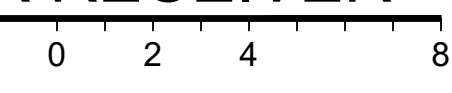
**A** MANUAL DOUBLE SWING GATE DETAIL

SCALE: 1/4" = 1'-0"



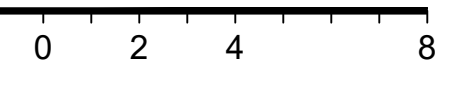
**B** SWING GATE BARRIER RECEIVER

SCALE: 1/4" = 1'-0"

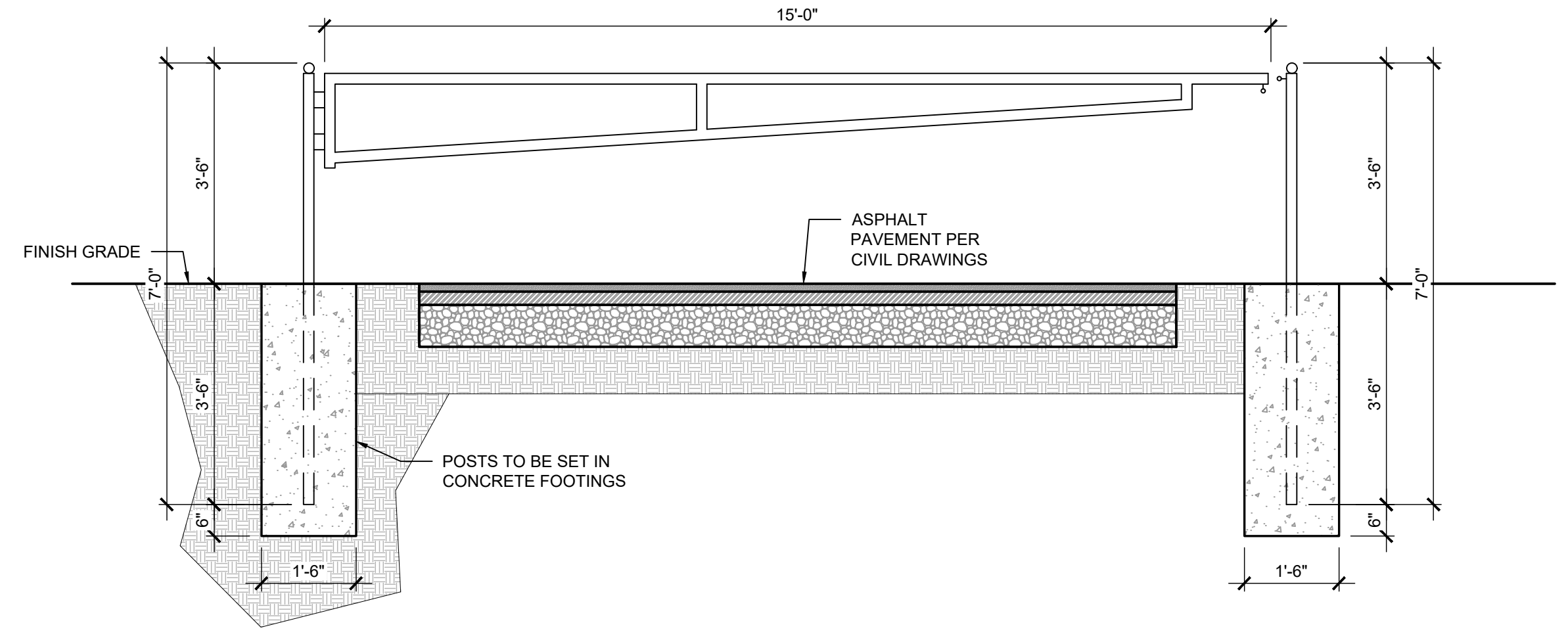


**C** CANTILEVER SLIDE GATE DETAIL

SCALE: 1/4" = 1'-0"

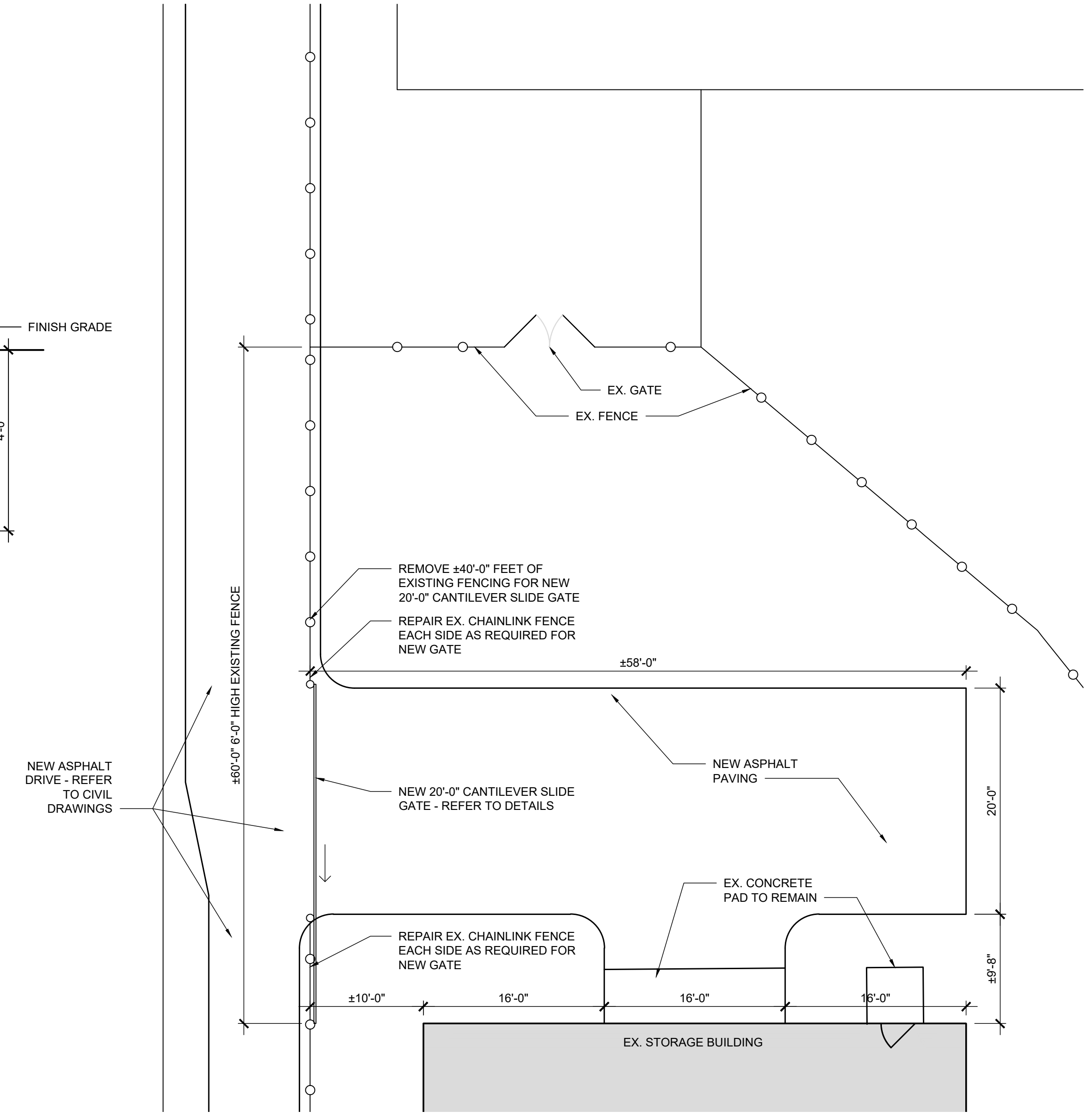
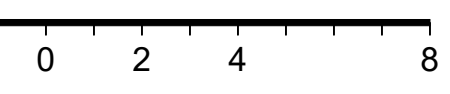


- NOTES:**
1. GATE POSTS (3 PREQ'D FOR SINGLE GATE).
  2. FOUR ROLLERS REQ'D FOR EACH GATE PANEL.
  3. TOTAL GATE LENGTH = OPENING SIZE x 1.5, THEN ADD 1'-0".
  4. 1 7/8" O.D. SCHEDULE 40 TOP/BOTTOM RAILS AND END UPRIGHTS.
  5. 1 3/8" O.D. .090 WALL VERTICAL AND HORIZONTAL BRACES.
  6. GATE POSTS ON EITHER SIDE OF GATE OPENING ARE TO BE SET TO ACTUAL OPENING FACE TO FACE OF POST. GATE POSTS FOR THE COUNTER BALANCE ARE SET TO BE 1/2 OF THE OPENING FROM CENTER TO CENTER OF POST.



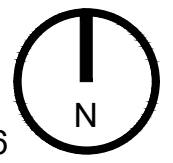
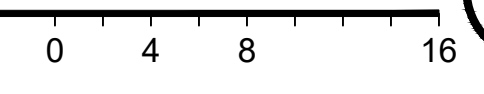
**D** MANUAL SINGLE SWING GATE DETAIL

SCALE: 1/4" = 1'-0"



**E** ENLARGED PLAN AT STORAGE BUILDING

SCALE: 1/8" = 1'-0"



## ABBREVIATIONS

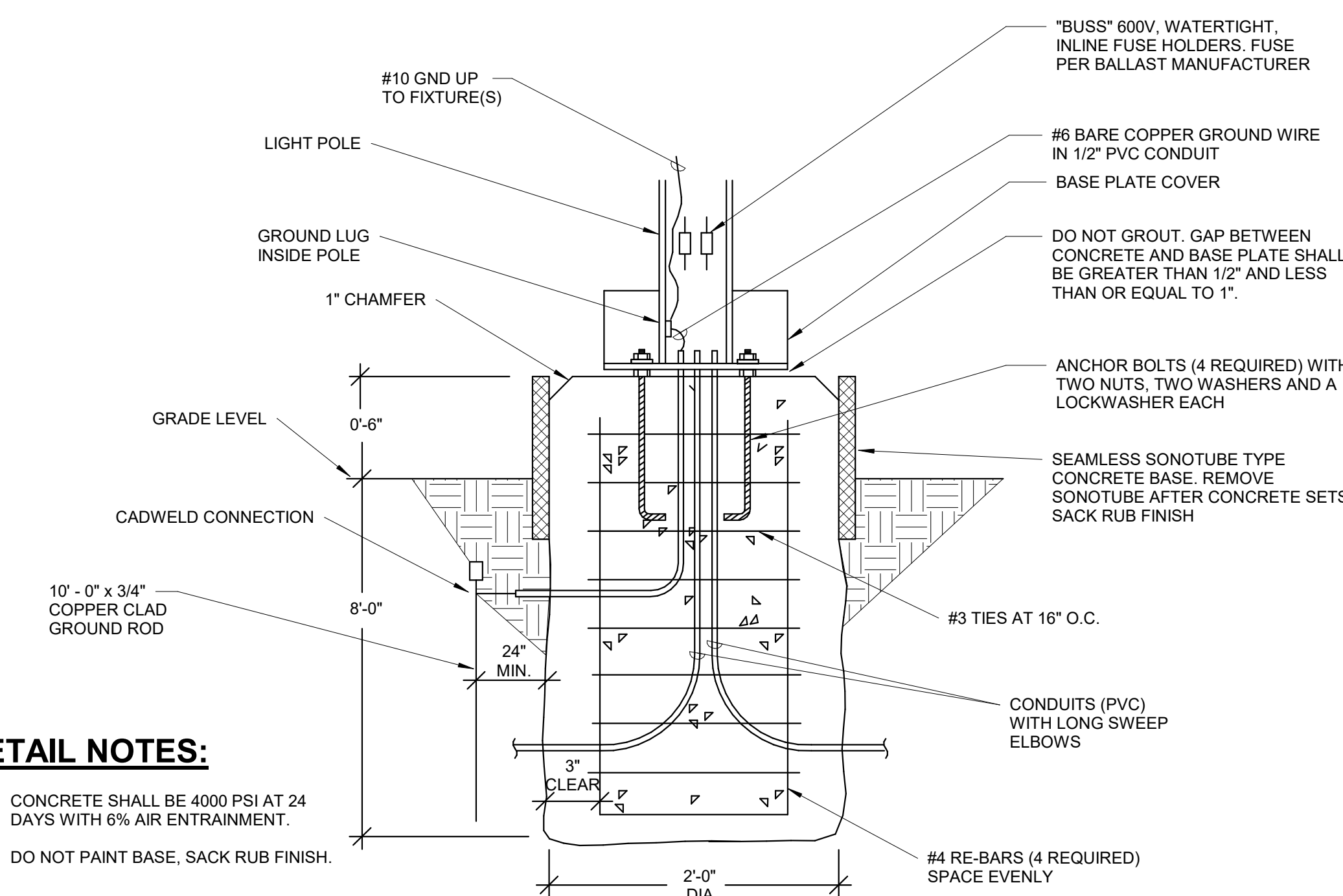
A	AMPS
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BKR	BREAKER
C	CONDUIT
CATV	CABLE TELEVISION
CUH	CABINET UNIT HEATER
CKT	CIRCUIT
Cu	COPPER
E	EXISTING
EF	EXHAUST FAN
ELEC	ELECTRICAL
EM	EMERGENCY
EMT	EMERGENCY METALLIC TUBING
FCU	FAN COIL UNIT
G	GROUND
GFI	GROUND FAULT INTERRUPTER
GRC	GALVANIZED RIGID CONDUIT
HP	HORSEPOWER
J	JUNCTION BOX
KVA	KILOVOLT AMPERE
KW	KILOWATTS
LGTS	LIGHTING
MECH	MECHANICAL
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
PVC	POLYVINYL CHLORIDE
P	PHASE (POLE)
TTB	TELEPHONE TERMINAL BOX
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UV	UNIT VENTILATOR
V	VOLTS
VAV	VARIABLE AIR VOLUME
VIF	VERIFY IN FIELD
W	WATTS
WC	WATER COOLER
WP	WEATHERPROOF
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE

## GENERAL PROJECT NOTES

- WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL, STATE OF OHIO, 2023 NEC AND NATIONAL CODES, RECOMMENDATIONS, REGULATIONS, AND REQUIREMENTS.
- CONTRACTOR SHALL PERFORM ALL CUTTING AND PATCHING AS REQUIRED FOR HIS WORK. OPENING SHALL BE FILLED IN, PATCHED, PAINTED AND FINISHED IN A MANNER TO MATCH THE QUALITY OF THE EXISTING, LIKE ADJACENT SURFACES.
- ALL CONDUIT SHALL BE 3/4" MINIMUM U.N.O. MC CABLE IS ALLOWED.
- ALL BRANCH CIRCUITS AND FEEDERS SHALL CONTAIN A GREEN INSULATED GROUND CONDUCTOR. GROUNDING BY MEANS OF RACEWAY IS NOT PERMITTED.
- NO MORE THAN 3 PHASE CONDUCTORS SHALL BE INSTALLED IN ANY ONE CIRCUIT, UNLESS NOTED OTHERWISE. EACH BRANCH CIRCUIT SHALL CONTAIN THEIR OWN NEUTRAL CONDUCTOR. NO SHARED NEUTRALS.
- BRANCH CIRCUIT WIRING CHART TO BE UTILIZED AS GUIDELINE FOR VOLTAGE DROP COMPENSATION, INCREASE CONDUIT SIZING PER WIRE SIZE. (APPLIES TO ALL SHEETS)
  - 20A-277 VOLT CIRCUITS
    - #12 WIRE - 75' LENGTH MAX.
    - #10 WIRE - 125' LENGTH MAX. - #10 GRD.
    - #8 WIRE - 200' LENGTH MAX. - #8 GRD.
    - #6 WIRE - 300' LENGTH MAX. - #6 GRD.
- PROVIDE ALL PULL BOXES, IN ACCESSIBLE AREA, THAT EXCEED NEC NUMBER OF BENDS OR LENGTH IN FEEDER AND BRANCH CIRCUITS. INSTALL BOXES WHERE REQUIRED PER CODE.
- VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION, TRENCHING, OR DRILLING.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED JUNCTION BOXES, PULL BOXES, ETC FOR A COMPLETE INSTALLATION PER THE N.E.C. AND LOCAL CODES. ALL CONDUCTORS SHALL BE RATED FOR 90 DEGREE CELSIUS.
- ALL LOADS CALCULATED AND SHARED ON THESE PLANS ARE INTENDED FOR ENGINEERING USE ONLY AND NOT INTENDED TO BE USED BY ANYONE ELSE FOR ANY REASON. ANY USE OF THESE CALCULATIONS BY ANYONE OTHER THAN L2 ENGINEERING IS DONE AT THEIR OWN RISK.
- FINAL COORDINATION WITH EQUIPMENT IS THE RESPONSIBILITY OF THE E.C. COORDINATION SHOWN ON PLANS IS FOR THE BASIS OF DESIGN. ANY CHANGES TO EQUIPMENT FOR ANY REASON MUST BE COORDINATED BY THE E.C. PRIOR TO ROUGH IN OR PURCHASING OF ELECTRICAL EQUIPMENT.
- THE ELECTRICAL SCOPE INCLUDES ALL CONSTRUCTION DOCUMENTS. SOME OF THE ELECTRICAL DEMOLITION AND NEW WORK SCOPE OR DETAILS MAY BE SHOWN ON OTHER DISCIPLINES INCLUDING, BUT NOT LIMITED TO, ARCHITECTURAL, PLUMBING AND HVAC DRAWINGS. IT IS THE RESPONSIBILITY OF THE EC TO REVIEW ALL DOCUMENTS AND PROVIDE ALL LABOR AND MATERIALS SHOWN ON ALL DRAWINGS AND ALL SPECIFICATIONS. EC IS RESPONSIBLE FOR OBTAINING A COMPLETE SET OF THE CONSTRUCTION DOCUMENTS.
- CONDUCTORS FOR BRANCH CIRCUITRY ARE #12 AWG MINIMUM, UNLESS NOTED. DERATE PER CODE WHERE CIRCUITS ARE COMBINED.
- ALL HOMERUN CONDUCTORS BACK TO PANEL SHALL BE #10 AWG MINIMUM, UNLESS NOTED. PROVIDE A GREEN GROUND CONDUCTOR IN ALL BRANCH CIRCUITRY. DERATE PER CODE WHERE CIRCUITS ARE COMBINED.
- WHERE TERMINATED IN J-BOX, ALL SPARE CIRCUITRY SHALL BE LABELED WITH PANEL AND CIRCUIT NUMBER.

## ELECTRICAL LEGEND

LIGHTING	
A1	LIGHTING FIXTURE. REFER TO FIXTURE SCHEDULE. LETTER INDICATES TYPE.
A1 NL	EMERGENCY LIGHTING FIXTURE WITH EMERGENCY BATTERY BACKUP. "NL" INDICATES NIGHT LIGHT CIRCUIT. REFER TO FIXTURE SCHEDULE FOR BATTERY REQUIREMENTS.
C1	LIGHTING FIXTURE. LETTER INDICATES TYPE.
C1	EMERGENCY LIGHTING FIXTURE WITH EMERGENCY BATTERY BACKUP.
X1	CEILING MOUNTED EXIT SIGN. REFER TO FIXTURE SCHEDULE. SHADED AREA DENOTES FACE(S) OF UNIT. CONNECT TO LOCAL UNSWITCHED LIGHTING CIRCUIT.
X1	WALL MOUNTED EXIT SIGN. REFER TO FIXTURE SCHEDULE. SHADED AREA DENOTES FACE(S) OF UNIT. CONNECT TO LOCAL UNSWITCHED LIGHTING CIRCUIT.
EM	EMERGENCY EGRESS LIGHT. REFER TO FIXTURE SCHEDULE.
⊙	CEILING MOUNTED DAYLIGHT SENSOR.
⊙	CEILING MOUNTED OCCUPANCY SENSOR.
⊥	SINGLE POLE WALL SWITCH. 120/277 VOLT, 20 AMP. 44" AFF.
⊙	POLE MOUNTED LIGHTING FIXTURE. REFER TO FIXTURE SCHEDULE FOR REQUIREMENTS AND POLE INFORMATION.
⊙	EXTERIOR LIGHT FIXTURE. ER. EXISTING TO REMAIN, PL1 - NEW FIXTURE. REFER TO FIXTURE SCHEDULE.
⊙	PHOTOCELL
POWER	
⊙	DUPLEX RECEPTACLE. 120 VOLT, 20 AMP. 18" AFF UNO.
⊙	DUPLEX RECEPTACLE MOUNTED AT 44" OR ABOVE BACKSPASH. 120 VOLT, 20 AMP.
⊙	DOUBLE DUPLEX RECEPTACLE. 120 VOLT, 20 AMP. 18" AFF UNO.
⊙	120 VOLT DOUBLE DUPLEX, 20 AMP RECEPTACLE MOUNTED AT 46" AFF OR 4" ABOVE BACKSPASH.
⊙	DUPLEX RECEPTACLE WITH GROUND FAULT PROTECTION. 120 VOLT, 20 AMP. 18" AFF UNO, WP-WEATHERPROOF BOX
⊙	DUPLEX RECEPTACLE. CEILING MOUNTED
⊙	SPECIAL PURPOSE RECEPTACLE. REFER TO FLOOR PLANS FOR NEMA CONFIGURATION.
⊙	FRACTIONAL HP MOTOR STARTER WITH THERMAL OVERLOADS.
⊙	ELECTRICAL MOTOR.
XXX-1	HOMERUN TO PANELBOARD. NOTION INDICATES PANEL AND CIRCUIT NUMBER. (ALL CONDUCTORS SHALL BE #10 UNLESS NOTED OTHERWISE.)
⊙	ELECTRICAL PANELBOARD.
⊙	JUNCTION BOX.
⊙	CONDUIT STUB-OUT AND CAP BELOW GRADE. MARK STUB-OUT AT GRADE LEVEL.
—UE—	UNDERGROUND HIGH VOLTAGE OR SECONDARY SERVICE FEED.
⊙	SAFETY DISCONNECT SWITCH (NON-FUSED). 4X INDICATES ENCLOSURE TYPE.
⊙	SAFETY DISCONNECT SWITCH (FUSED).
⊙	COMBINATOR MOTOR STARTER/DISCONNECT. WITH HOA SWITCH AT UNIT (FUSIBLE), OR (CIRCUIT BREAKER FOR ELEVATOR).
⊙	TRANSFORMER (NUMBER INDICATES WHICH TRANSFORMER).
GENERAL	
⊙	DETAIL # _____ DETAIL REFERENCE TAG. DRAWING # REFER TO DETAIL SHEETS
⊙	KEYNOTE FOR DRAWING
DETAIL REFERENCE TAG (SECTION)	
⊙	INDICATES NEW WORK.
⊙	INDICATES TO BE REMOVED.
⊙	INDICATES EXISTING TO REMAIN.



### DETAIL NOTES:

- CONCRETE SHALL BE 4000 PSI AT 24 DAYS WITH 6% AIR ENTRAINMENT.
- DO NOT PAINT BASE, SACK RUB FINISH.

### 2 PARKING LOT POLE BASE NTS

### LIGHTING FIXTURE SCHEDULE

FIXTURE SYMBOL	FIXTURE VOLTAGE	FIXTURE INPUT WATTS	TEMPERATURE (K)	DELIVERED LUMENS	MANUFACTURER AND MODEL NUMBER	OTHER ACCEPTABLE MANUFACTURER	DIFFUSER MEDIA	CLASSIFICATION	TRIM COLOR					MOUNTING	SIZE (IN.)			NOTES
									WHITE	NICKEL	CHROME	BRUSHED NICKEL	STANDARD		SEE NOTE	DIAMETER OR WIDTH	LENGTH	
FL1	480	170	5000	18759	LITHONIA #DSXF3-LED-6-P2-50K-70CRI-MFL-480-IS-PE-DDBXD	AS PRE-APPROVED	-	-					1	PM	-	-	-	2,6
FL2	480	140	5000	20038	LITHONIA #DSXF3-LED-6-P2-50K-70CRI-FL-480-IS-PE-DDBXD	AS PRE-APPROVED	-	-					1	PM	-	-	-	2,6
LP1	-	-	-	-	EXO #SSSH-28-50B-TA-BDBT-DB-VM2-BHH-2-180	AS PRE-APPROVED	-	-					1	-	-	-	-	3
LP2	-	-	-	-	EXO #SSS-H-28-50B-TA-BDBT-DB-VM2-BHH-3-120	AS PRE-APPROVED	-	-					1	-	-	-	-	4
LP3	-	-	-	-	EXO# SSS-H-28-50B-TA-BDBT-DB-VM2-BHH-4-90	AS PRE-APPROVED	-	-					1	-	-	-	-	5

### NOTES:

- DARK BRONZE.
- PROVIDE TENON MOUNTING OPTION. REFER TO ASSOCIATED LIGHT POLE FOR MOUNTING CONFIGURATION.
- PROVIDE TENON BRACKET FOR TWO FIXTURES MOUNTED AT 180 DEGREES.
- PROVIDE TENON BRACKET FOR THREE FIXTURES MOUNTED AT 120 DEGREES.
- PROVIDE TENON BRACKET FOR FOUR FIXTURES MOUNTED AT 90 DEGREES.
- FIXTURES SHALL HAVE INTEGRAL PHOTOCELL CONTROLS.

### ELECTRICAL INDEX OF DRAWINGS

SHEET NUMBER	SHEET NAME
E0.1	ELECTRICAL LEGEND, SCHEDULES, GENERAL NOTES, AND DETAILS
E0.2	ELECTRICAL SPECIFICATIONS
E1.0	OVERALL SITE LIGHTING PLAN
E1.1	FOOTBALL LOT - SITE LIGHTING
E1.2	TENNIS LOT - SITE LIGHTING



7949 Washington Woods Dr  
Dayton, OH 45459  
www.L2wE.com

CONSULTANTS:



#	DATE	DESCRIPTION
	04/04/2026	FOR BID/PERMIT

CLIENT: **PIQUA CITY SCHOOLS**  
#WEAREPIQUA

PHS - PARKING LOT LIGHTING  
1 INDIAN TRAIL  
PIQUA, OH 45356

ELECTRICAL LEGEND, SCHEDULES,  
GENERAL NOTES, AND DETAILS

PROJECT TITLE: \_\_\_\_\_  
DRAWING TITLE: \_\_\_\_\_

DESIGNED BY: ATD  
DRAWN BY: ATD  
CHECKED BY: RLS  
DATE: 04/07/2026  
DRAWING NO. **E0.1**





7949 Washington Woods Dr  
Dayton, OH 45459  
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	04/04/2026	FOR BID/PERMIT

CLIENT:

**PIQUA CITY SCHOOLS**  
#WEAREPIQUA

PROJECT TITLE  
**PHS - PARKING LOT LIGHTING**  
1 INDIAN TRAIL  
PIQUA, OH 45356

DRAWING TITLE  
**OVERALL SITE LIGHTING PLAN**

DESIGNED BY | ATD  
DRAWN BY | ATD  
CHECKED BY | RLS  
DATE | 04/07/2026  
DRAWING NO.

E1.0



① OVERALL SITE LIGHTING PLAN  
1" = 100'-0"

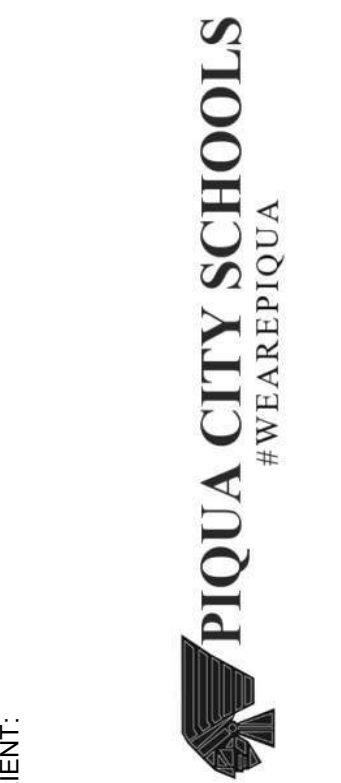


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CLIENT:

PHS - PARKING LOT LIGHTING  
1 INDIAN TRAIL  
PIQUA, OH 45356

FOOTBALL LOT - SITE LIGHTING

DESIGNED BY: ATD  
DRAWN BY: ATD  
CHECKED BY: RLS  
DATE: 04/07/2026  
DRAWING NO.

E1.1

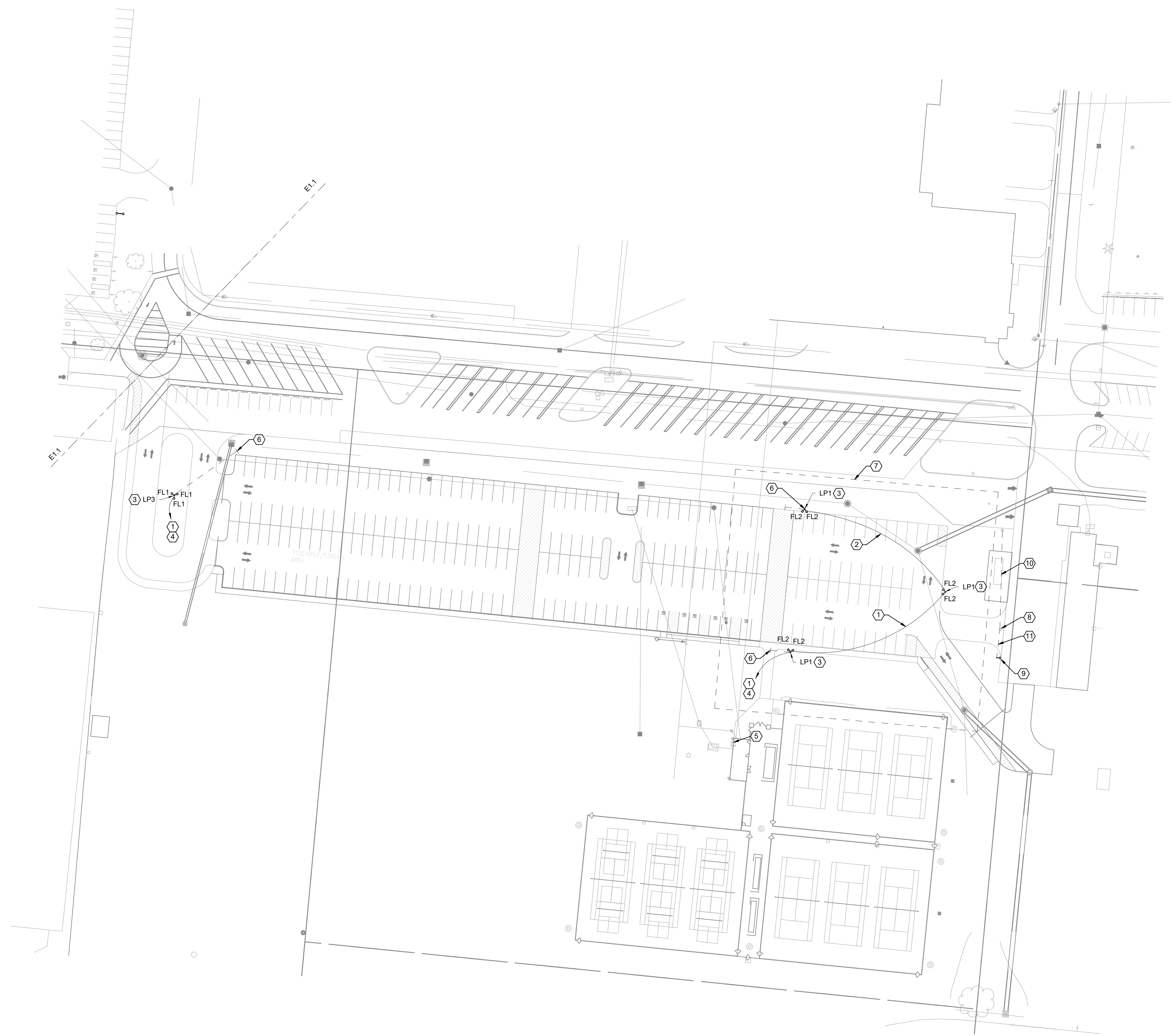
### DRAWING NOTES

- UTILIZE EXISTING UNSWITCHED LIGHTING CIRCUIT FROM EXISTING PANEL. EXTEND TO NEW POLE LOCATIONS AS INDICATED.
- ADD ALTERNATE #2: PROVIDE NEW LIGHTING POLE AND LIGHTING FIXTURES INDICATED ON NEW CONCRETE BASE IN LOCATION OF EXISTING. REMOVED BASE. EXTEND EXISTING CONDUIT AND CIRCUIT AS REQUIRED. BASE BID. EXISTING TO REMAIN.
- PROVIDE NEW CONCRETE BASE, LIGHTING POLE, AND LIGHTING FIXTURES AS INDICATED.
- REMOVE EXISTING LIGHTING POLE, LIGHTING FIXTURES, AND CONCRETE BASE TO 2' BELOW FINISHED GRADE. PROVIDE IN-GRADE QUAZITE JUNCTION BOX AT LOCATION OF REMOVED CONCRETE BASE FOR EXTENSION OF EXISTING CIRCUIT TO NEW POLE LOCATIONS.
- EXISTING LIGHTING CIRCUIT AND CONDUIT.
- PROVIDE (2) #10, #10G IN 1" SCH 40 PVC.



1 FOOTBALL LOT - SITE LIGHTING PLAN  
1" = 50'-0"

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- DRAWING NOTES**
1. PROVIDE (2) #8, #8G IN 1" SCH 40 PVC.
  2. PROVIDE (2) #10, #10G IN 1" SCH 40 PVC.
  3. PROVIDE NEW CONCRETE POLE BASE, LIGHTING POLE, AND LIGHTING FIXTURES AS INDICATED.
  4. UTILIZE EXISTING 480V-30A-2P BREAKER IN EXISTING PANEL 'TP'. SPLICE CIRCUIT IN PANELBOARD. CALCULATED LOAD: 3030W (6.3A @ 480V)
  5. PROVIDE 2-POLE CONTACTOR FOR NEW PARKING LOT LIGHTING. UTILIZE EXISTING PHOTOCELL FOR CONTROL.
  6. PROVIDE 1" SCH 40 PVC CONDUIT STUBBED OUT FROM LIGHT POLE BASE FOR FUTURE CIRCUIT EXTENSION. CAP AND MARK LOCATION.
  7. ADD ALTERNATE #1. WORK SHOWN IN THIS AREA SHALL BE PART OF AN ALTERNATE BID ITEM.
  8. EXISTING LIGHT POLE AND LIGHTING FIXTURE TO BE RELOCATED. REMOVE CONDUCTORS BACK TO NEAREST POLE. DO NOT SPLICE CONDUCTORS UNDERGROUND.
  9. PROVIDE NEW CONCRETE POLE BASE FOR RELOCATED LIGHT POLE AND LIGHTING FIXTURE.
  10. PROVIDE (2) #8, #8G IN EXISTING CONDUIT.
  11. PROVIDE (2) #8, #8G IN NEW 1" SCH 40 PVC CONDUIT.



CONSULTANTS:



#	DATE	DESCRIPTION
	04/04/2026	FOR BID/PERMIT

CLIENT:

**PIQUA CITY SCHOOLS**  
#WEAREPIQUA

**PHS - PARKING LOT LIGHTING**  
1 INDIAN TRAIL  
PIQUA, OH 45356

**TENNIS LOT - SITE LIGHTING**

DESIGNED BY: ATD  
DRAWN BY: ATD  
CHECKED BY: RLS  
DATE: 04/07/2026  
DRAWING NO.

**E1.2**

**① TENNIS LOT - SITE LIGHTING PLAN**  
1" = 50'-0"

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