

# CITY OF SPRINGDALE HAMILTON COUNTY, OHIO TRI-COUNTY PKWY SIDEWALKS

231937

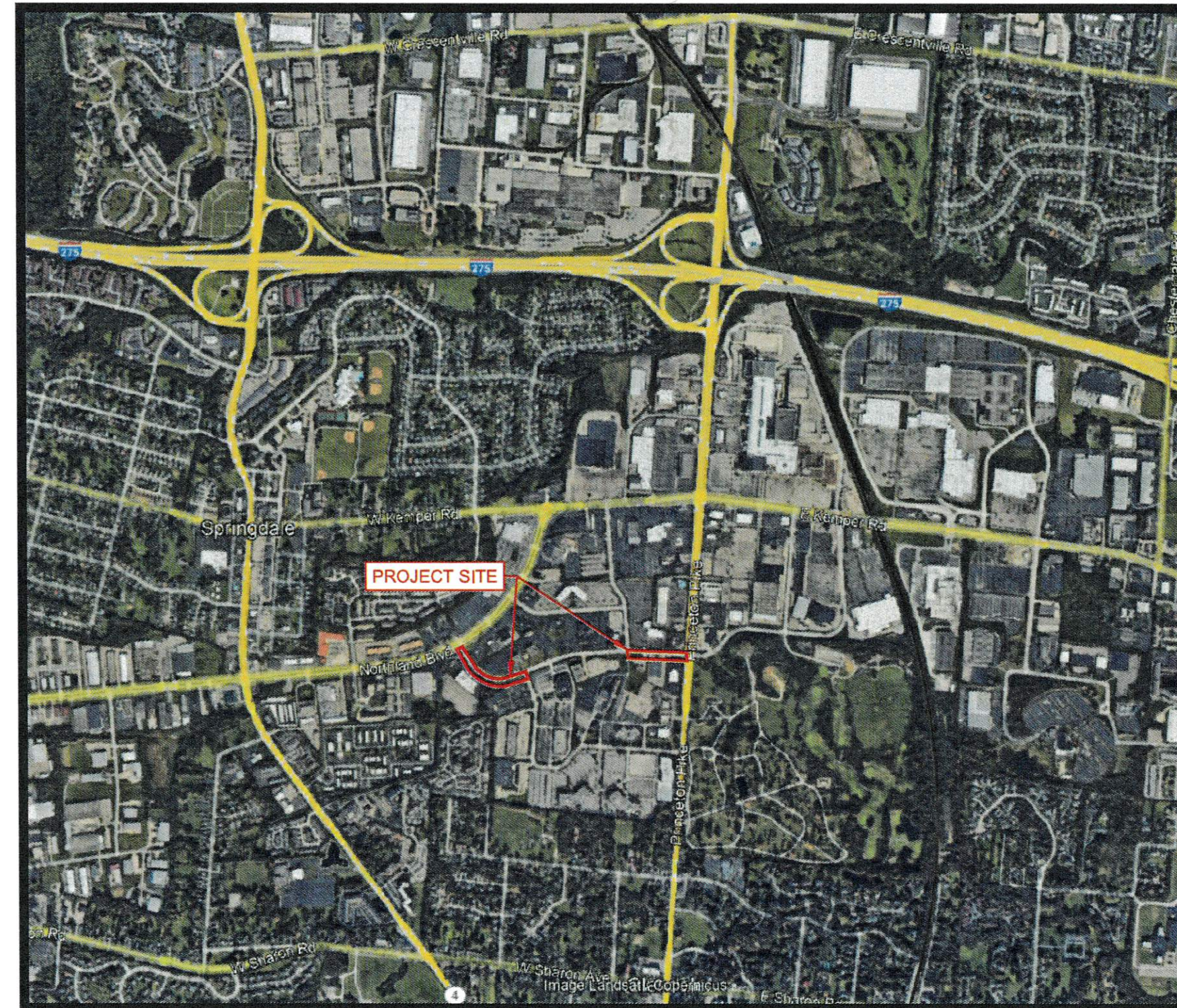
**CITY OF SPRINGDALE OFFICIALS**

**MAYOR**  
LAWRENCE HAWKINS III

**CITY ADMINISTRATOR**  
JOHN J. JONES

**ASSISTANT CITY ADMINISTRATOR**  
BRIAN UHL

**CITY COUNCIL**  
THOMAS VANOVER  
DAN JACOBS  
JEFFREY ANDERSON  
MEGHAN SULLIVAN-WISECUP  
DAVID E. GLEAVES  
MICHELLE McFARLAND  
LAVONNE L. WEBSTER



**VICINITY MAP**

**ODOT STANDARD DRAWINGS**  
THE CURRENT EDITION OF THE ODOT STANDARD DRAWINGS ARE HEREBY MADE PART OF THESE PLANS.

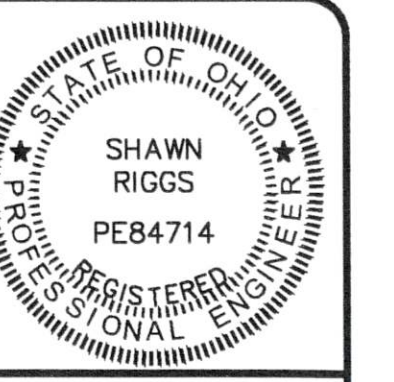
**PROJECT SPECIFICATIONS**  
IN GENERAL, THE PROJECT SPECIFICATIONS CONFORM TO THE JANUARY 1, 2019 STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS THERETO. THE PROJECT SPECIFICATIONS, UNDER SEPERATE COVER, PREPARED BY CT CONSULTANTS SHALL GOVERN ALL WORK AND MATERIALS FOR THIS PROJECT.

**UNDERGROUND UTILITIES**

2 WORKING DAYS  
**BEFORE YOU DIG**  
CALL 1-800-362-2764 (TOLL FREE)  
NON-MEMBERS MUST BE CALLED DIRECTLY

**INDEX OF SHEETS**

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NO	REVISION	DATE

SCALE: AS NOTED  
DATE: 06/03/2024  
DESIGNED BY: SRIG  
DRAWN BY: JPAY  
CHECKED BY: SRIG

**TRI-COUNTY PKWY SIDEWALKS**  
CITY OF SPRINGDALE  
HAMILTON COUNTY, OHIO

**TITLE SHEET**

APPROVED FOR CONSTRUCTION BY:

*John J. Jones*  
JOHN J. JONES, CITY ADMINISTRATOR

6.14.2024  
DATE



*Shawn Riggs*  
Digitally signed by Shawn Riggs 3  
Date: 2024.06.11 08:31:43-04'00'  
SHAWN RIGGS, P.E. #84714

DATE

PROJECT NO:  
**231937**

DRAWING NAME  
**TTL**

SHEET	OF
1	9

GENERAL NOTES

1. UNLESS SPECIFICALLY SET FORTH HEREIN, ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS...

MATERIALS AND SPECIFICATIONS

UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE NEW, AND BOTH WORKMANSHIP AND MATERIALS SHALL BE OF PREMIUM QUALITY...

ALL ITEMS AND/OR MATERIAL PROPOSED BY THE CONTRACTOR FOR SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER AND OWNER...

ANY ITEMS OF LABOR AND MATERIALS REQUIRED BUT NOT SHOWN AS A SEPARATE PAY ITEM IN THE PROPOSAL SHALL BE FURNISHED AND INSTALLED INCIDENTAL TO THE CONTRACT...

TESTING

THE CONTRACTOR SHALL INCLUDE THE COST OF ALL REQUIRED TESTS IN THE UNIT PRICE BID FOR THE PERTINENT ITEM AND NO SEPARATE COMPENSATION IS TO BE MADE FOR SAID TESTING.

CITY OWNED TRAFFIC SIGNS, POSTS, SIGNALS, AND POLES

TRAFFIC SIGNS, POSTS, SIGNAL EQUIPMENT AND POLES THAT ARE NOT INTENDED TO BE REUSED SHALL BE CAREFULLY REMOVED, CLEANED AND DELIVERED TO THE CITY...

RESPONSIBILITY

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM THEIR WORK IN SUCH A MANNER AS NOT TO DAMAGE OR DESTROY ANY EXISTING FEATURE...

THE CONTRACTOR SHALL EXERCISE DUE CARE DURING CONSTRUCTION SO AS NOT TO DESTROY ANY TREES, PLANTS, SHRUBS OR STRUCTURES OUTSIDE OF THE INDICATED WORK LIMITS...

IN SOME INSTANCES, THE CONTRACTOR WILL BE REQUIRED TO EXCAVATE UNDER AND AROUND THE EXISTING UTILITIES, EXTREME CARE SHOULD BE USED NOT TO DAMAGE THE UTILITY DURING THIS OPERATION.

STORM WATER POLLUTION, EROSION CONTROL AND DUST CONTROL

THE CONTRACTOR SHALL TAKE EXTREME CARE AND UTILIZE BEST MANAGEMENT PRACTICES TO CONTROL SEDIMENT AND EROSION DURING THE PROJECT AND TO PREVENT UNNECESSARY EROSION AND SILTATION AT ALL POINTS OF THE PROJECT...

DUST SHALL BE KEPT TO A MINIMUM. COST OF EQUIPMENT, WATER, LABOR AND MATERIAL, ETC., REQUIRED TO PERFORM DUST CONTROL SHALL BE INCIDENTAL TO THE OVERALL BID PRICE.

GENERAL NOTES

COORDINATION WITH OTHER CONTRACTORS
OTHER CONTRACTORS AND/OR UTILITY COMPANIES MAY BE WORKING IN THIS AREA CONCURRENT WITH THIS CONTRACT...

UTILITY NOTES

- 1. THIS PLAN SHOWS THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES (GAS, WATER, STORM SEWER, SANITARY SEWER, TELEPHONE, ELECTRIC, ETC.)...

WITHIN 10 DAYS OF THE AWARD OF THE CONTRACT, THE OWNER SHALL NOTIFY ALL UTILITIES OF THE NAME, ADDRESS AND PHONE NUMBER OF THE CONTRACTOR...

DURING CONSTRUCTION, THE CONTRACTOR SHALL REPORT IMMEDIATELY TO THE OWNERS OF THE UNDERGROUND FACILITIES ANY BREAK OR LEAK IN THE FACILITIES, OR ANY DENT, GOUGE, GROOVE OR OTHER DAMAGE...

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITY ACTIVITIES AND SCHEDULES.

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT:

Table with 2 columns: Utility Type (ELECTRIC, SEWER) and Owner/Address details.

Table with 2 columns: Utility Type (GAS, CABLE TV) and Owner/Address details.

Table with 2 columns: Utility Type (TELEPHONE, WATER) and Owner/Address details.

Table with 2 columns: Utility Type (STORM) and Owner/Address details.

CONNECTIONS

EXISTING ROOF DRAINS, FOOTER DRAINS OR YARD DRAINS DISTURBED BY THE PROPOSED WORK SHALL BE PROVIDED WITH UNOBSTRUCTED OUTLETS BY CONNECTING TO A STORM SEWER, MANHOLE, CATCH BASIN, AS DIRECTED BY THE OWNER/ENGINEER.

THE LOCATION, TYPE, SIZE AND GRADE OF REQUIRED REPLACEMENTS WILL BE DETERMINED BY THE FIELD INSPECTOR DURING CONSTRUCTION.

MANHOLES, CATCH BASINS AND INLETS

ALL CASTINGS FOR MANHOLES, CATCH BASINS AND INLETS SHALL CONFORM TO THOSE SPECIFIED IN THE STANDARD CONSTRUCTION DRAWINGS...

TOP OF CASTING ELEVATIONS ARE SUBJECT TO FINAL ADJUSTMENTS AS APPROVED BY THE OWNER/ENGINEER. ALL MANHOLES WITHIN WALK AREA SHALL HAVE A FLAT FLUSH COVER...

STORM & SANITARY NOTES

CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STORM AND SANITARY SEWER FLOW THROUGHOUT THE PROJECT, FOR THE DURATION OF CONSTRUCTION...

REVIEW OF DRAINAGE FACILITIES

BEFORE ANY WORK IS STARTED ON THE PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE CITY OF SPRINGDALE, THE CONTRACTOR WITH THE OWNER AND ENGINEER OR FIELD INSPECTOR SHALL MAKE AN INSPECTION...

ALL NEW CONDUITS, INLETS, CATCH BASINS, AND MANHOLES CONSTRUCTED AS A PART OF THE PROJECT SHALL BE FREE OF ALL FOREIGN MATTER AND IN A CLEAN CONDITION BEFORE THE PROJECT WILL BE ACCEPTED BY THE CITY.

ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES SHALL BE MAINTAINED AND LEFT IN A CONDITION REASONABLY COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION...

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR PLAN ITEMS SET UP TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE OWNER/ENGINEER...

TYPICAL DRIVE APRON

THIS ITEMS SHALL CONSIST OF INSTALLING A DRIVEWAY APRON PER THE PROVIDED DETAILS. THE UNIT SHALL INCLUDE EXCAVATION, COMPACTION, FORM WORK AND CONSTRUCTION JOINTING PER THE DETAIL.

MAINTENANCE OF TRAFFIC NOTES

ITEM 614, MAINTAINING TRAFFIC

THE MAINTENANCE OF TRAFFIC PROCEDURES SHALL MEET THE REQUIREMENTS AS INDICATED IN THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"...

THE CONTRACTOR SHALL MAINTAIN ACCESS TO LOCAL TRAFFIC (ACCESS TO RESIDENCES WITHIN CONSTRUCTION LIMITS) AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE SUFFICIENT SIGN, WARNING LIGHTS, BARRICADES, OR OTHER NECESSARY DEVICES MAKE THE SITE SAFE TO THE TRAVELING PUBLIC.

SPECIFIC ATTENTION WILL BE DIRECTED TOWARD THE PROPER USE OF FLAGGERS, LIGHTS, DRUMS, AND TEMPORARY PAVEMENT MARKINGS. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY SIGNS...

- A. BEFORE WORK BEGINS, THE CONTRACTOR SHALL SUBMIT TO THE OWNER AND ENGINEER THE NAMES AND TELEPHONE NUMBERS OF PERSONS WHO CAN BE CONTACTED 24 HOURS A DAY BY THE CITY OF SPRINGFIELD...

MAINTENANCE OF TRAFFIC NOTES

- A. LENGTH AND DURATION OF LANE CLOSURES AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE OWNER AND ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC...

THE CONTRACTOR SHALL OBEY ALL LOCAL LAWS AND ORDINANCES INCLUDING ANY NOISE RESTRICTIONS.

MAINTENANCE OF TRAFFIC SHALL BE ONGOING THROUGHOUT THE PROJECT, INCLUDING ALL PERIODS OF INACTIVITY BY THE CONTRACTOR...

THE CONTRACTOR SHALL NOTIFY AFFECTED BUSINESSES 48 HOURS IN ADVANCE BEFORE COMMENCING WORK.

TEMPORARY BLOCKING OF THE DRIVEWAY TO ANY BUSINESS PROPERTY DURING CONSTRUCTION IS ALLOWABLE (MAX. 96 HOURS). HOWEVER, ACCESS TO PROPERTIES FOR DELIVERIES, SERVICE, EMERGENCY VEHICLES, ETC., SHALL BE MAINTAINED AT ALL TIMES...

THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO THE BUSINESS AND GIVE A COPY OF SAID WRITTEN NOTICE TO THE FIELD INSPECTOR AND OWNER 48 HOURS PRIOR TO BEING ALLOWED TO COMMENCE WORK WHICH WOULD INVOLVE ACCESS TO SAID PROPERTY.

PROTECTION OF RIGHT-OF-WAY LANDSCAPING

PRIOR TO BEGINNING WORK, THE CONTRACTOR, THE PROJECT ENGINEER, AND THE PUBLIC WORKS OFFICE WILL REVIEW AND RECORD ALL LANDSCAPING ITEMS WITHIN THE RIGHT-OF-WAY (BOTH WITHIN AND OUTSIDE THE CONSTRUCTION LIMITS)...

HATCH LEGEND

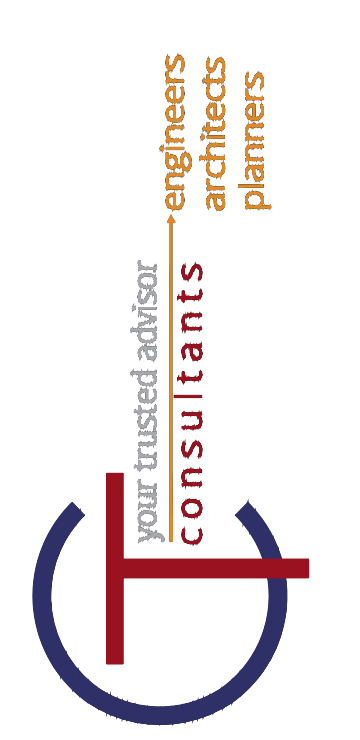
Table with 2 columns: Hatch Pattern and Description (ITEM 452- 9" CONCRETE DRIVEWAY REPLACEMENT, ITEM 608- 5' (& 9') CONCRETE WALK, etc.)

EROSION CONTROL LEGEND

Table with 2 columns: Symbol and Description (INLET PROTECTION (SEE DETAIL), DISTURBANCE LIMITS, etc.)

SYMBOL LEGEND

Large table mapping symbols to utility types (EXISTING GAS LINE, PROPOSED GAS LINE, etc.) and landscape features (EXISTING FLAGPOLE, PROPOSED FLAGPOLE, etc.)



Revision table with columns: NO, REVISION, DATE, and a grid for tracking changes.

Scale and Design Information: SCALE: AS SHOWN, DATE: 06/03/2024, DESIGNED BY: SRIG, DRAWN BY: JPAY, CHECKED BY: SRIG.

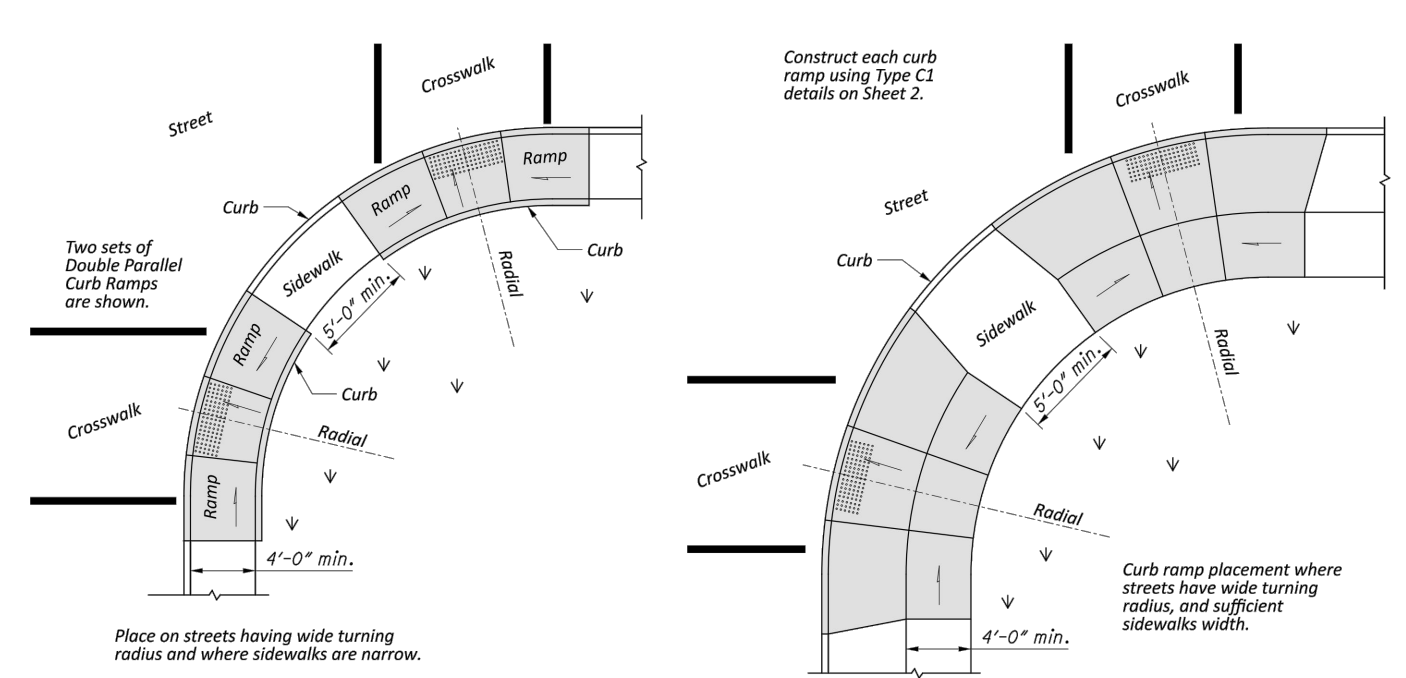
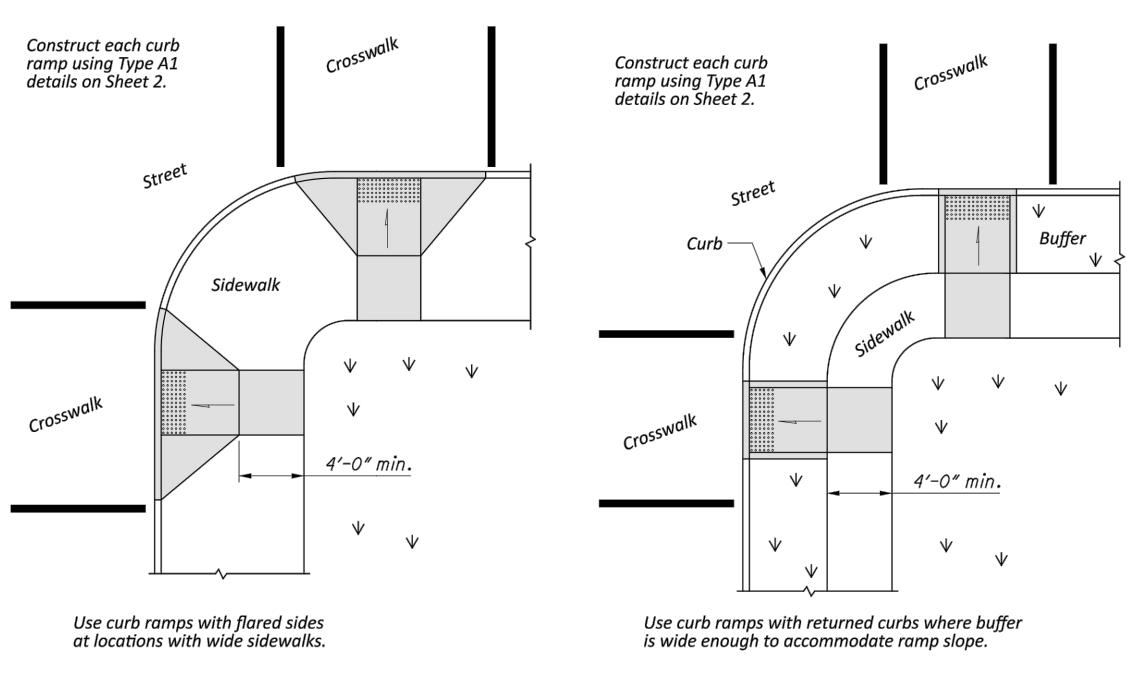
TRI-COUNTY PKWY SIDEWALKS
CITY OF SPRINGDALE
HAMILTON COUNTY, OHIO
GENERAL NOTES

Project and Drawing Information: PROJECT NO: 231937, DRAWING NAME: TTL, SHEET 2 OF 9.

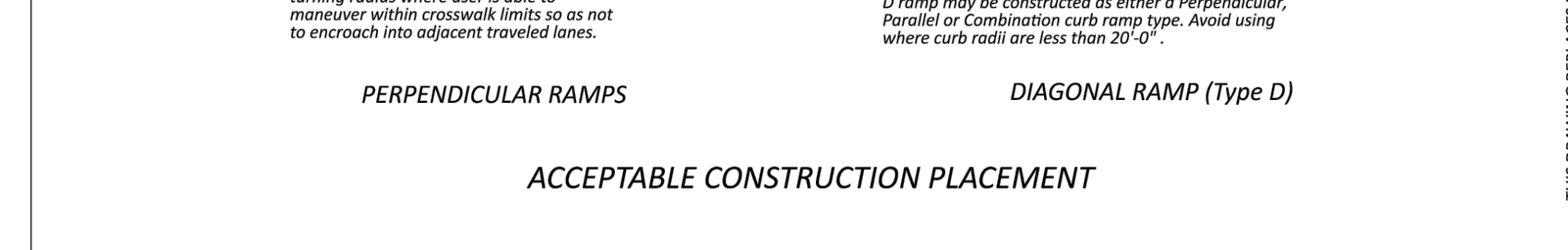
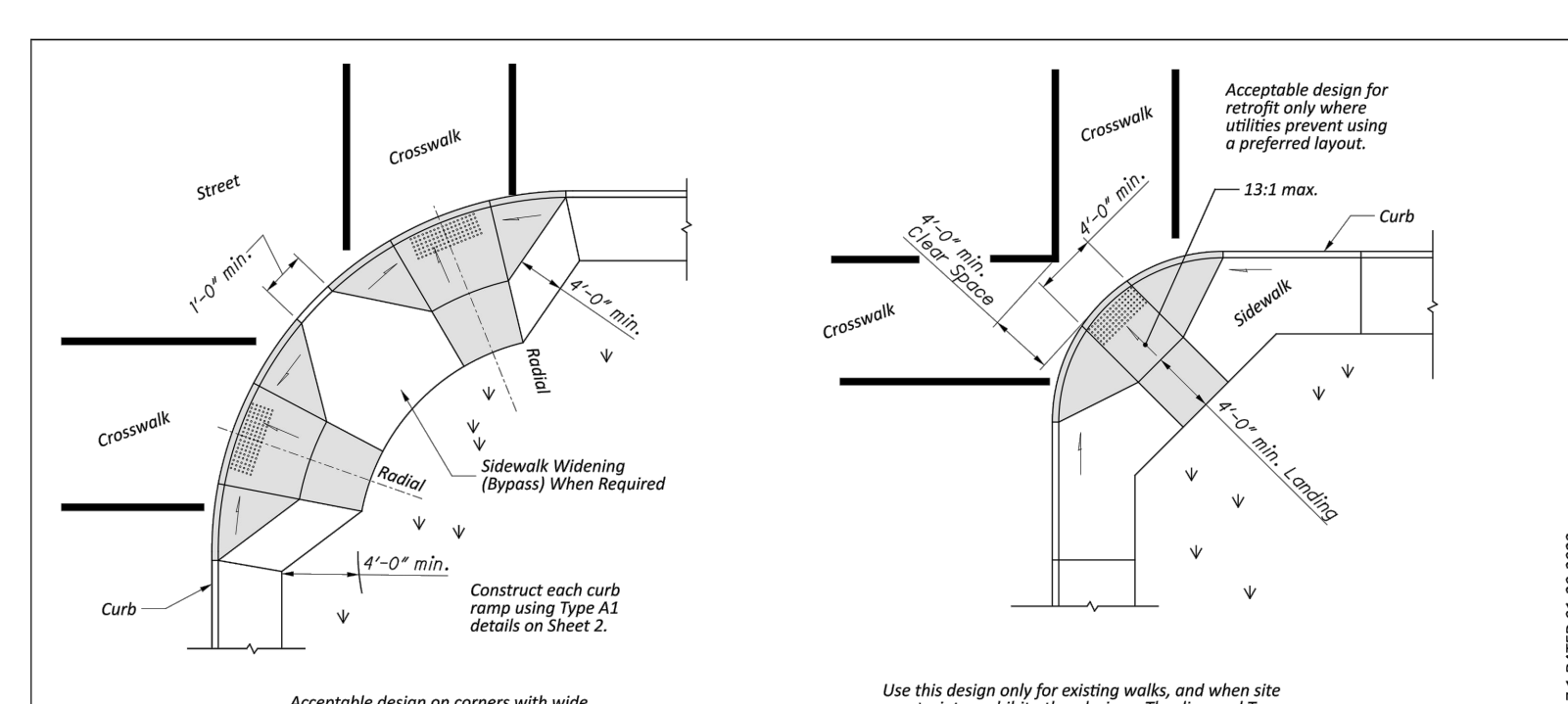


BP-7.1  
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 FILE: C:\Users\gkopt\OneDrive\Documents\2023\2023\BP-7.1.dwg  
 SHEET TOTAL: 3

**NOTES**  
**GENERAL:** This drawing shows curb ramp types details and placement examples for curb ramp construction, including the installation of detectable warnings.  
 Curb ramp types are shown on Sheet 2 and include Perpendicular, Parallel, and Combined types as specified to be constructed in the locations shown on the project plans.  
 Curb ramps added to an existing intersection or walk should be individually detailed on the project plans to assure that the design is appropriate for site constraints and all items can be constructed to ADA standards. The contractor may adjust the placement of curb ramps if existing field conditions warrant with the approval of the Engineer.  
**PAYMENT:** Measure and pay for the ramp area within the shaded limits of this drawing as Item 608 Curb Ramp, Square Foot. This includes the cost of any curb or curb and gutter, detectable warnings, landing areas and any additional materials, installation, grading, forming, and finishing required within the shaded area.  
 Work beyond the shaded ramp/landing area is paid for as curb (609) and walk (608). Removal of existing curb, walk (or existing curb ramps) are paid under Item 202.  
 For at grade crossing locations where only detectable warnings are required in order to achieve ADA compliance, measure and pay for the strip of detectable warnings as Item 608 Detectable Warning, Square Foot. The work to cast the tiles in place will also require removal of existing pavement (Item 202) to the nearest joint, or if no joint exists, a minimum of 4 feet.



**PREFERRED CONSTRUCTION PLACEMENT**

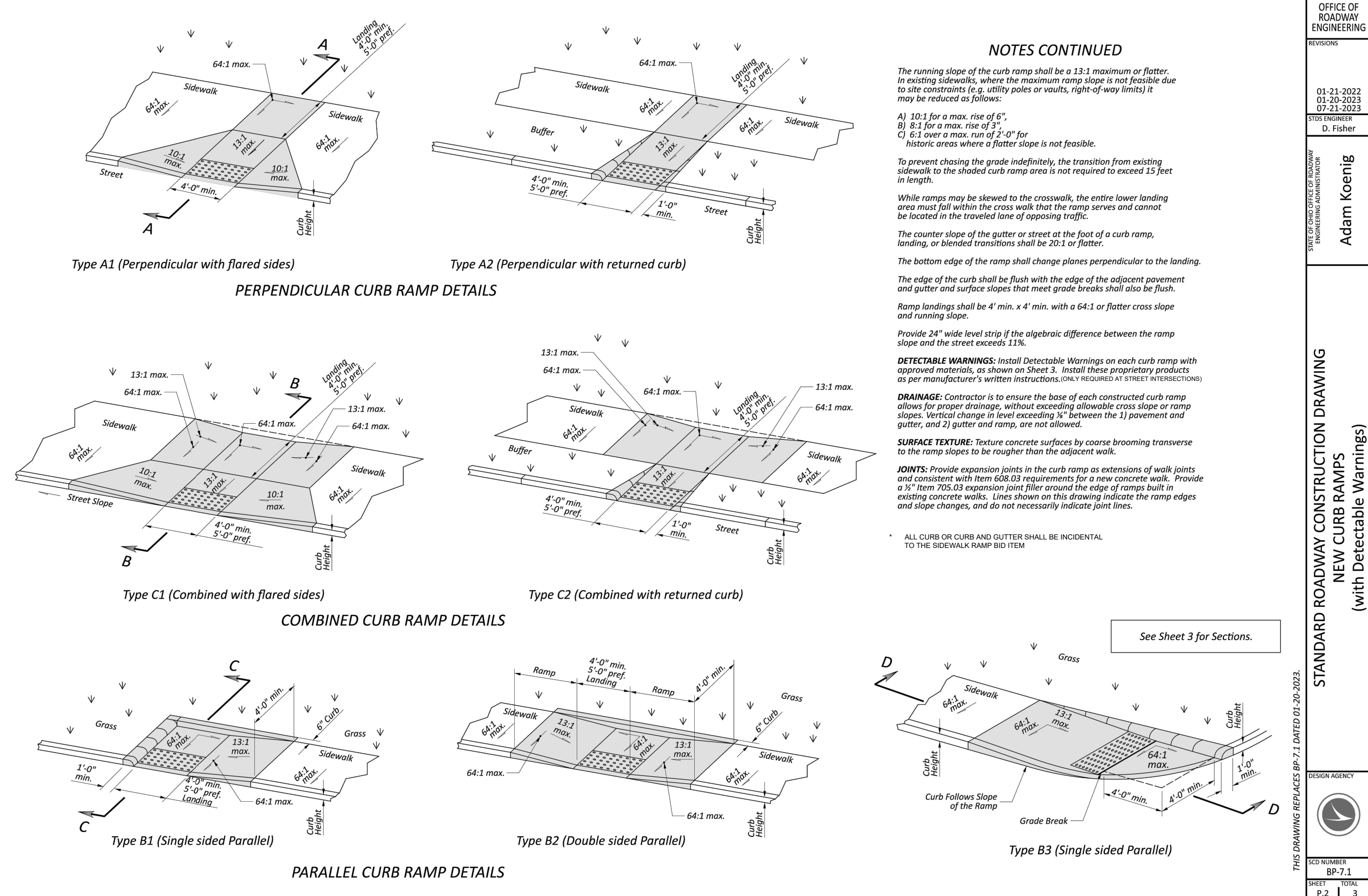


OFFICE OF ROADWAY ENGINEERING  
 REVISIONS  
 01-21-2022  
 03-20-2023  
 07-21-2023  
 DESIGNER: D. Fisher  
 DESIGN AGENCY: Adam Koeng  
 THIS DRAWING REPLACES BP-7.1, DATED 01-20-2023.  
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STANDARD ROADWAY CONSTRUCTION DRAWING  
 NEW CURB RAMPS  
 (with Detectable Warnings)

BP-7.1  
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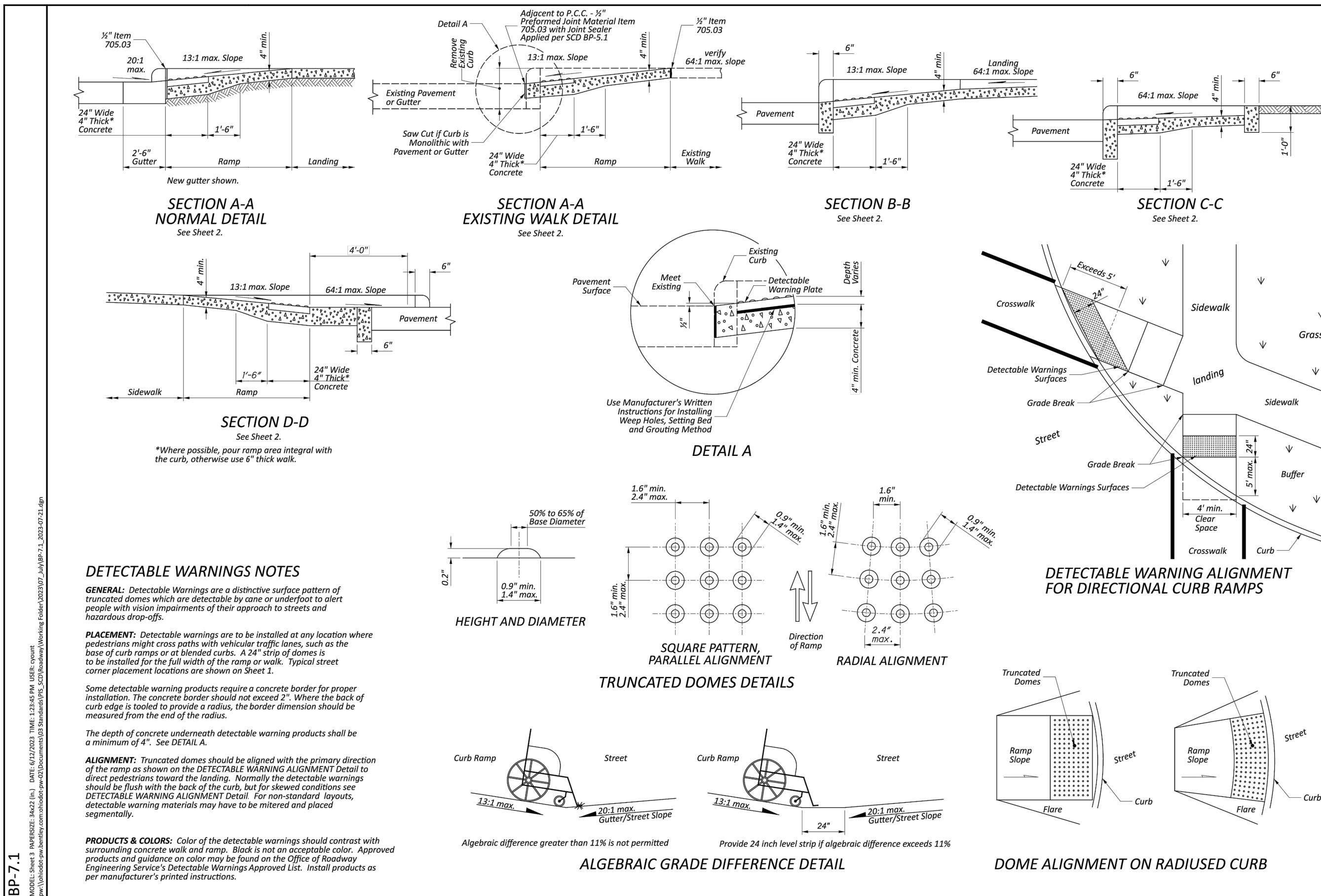


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**DETECTABLE WARNINGS NOTES**  
**GENERAL:** Detectable Warnings are a distinctive surface pattern of truncated domes which are detectable by cane or underfoot to alert people with vision impairments of their approach to streets and hazardous drop-offs.  
**PLACEMENT:** Detectable warnings are to be installed at any location where pedestrians might cross paths with vehicular traffic lanes, such as the base of curb ramps or at blended curbs. A 24" strip of domes is to be installed for the full width of the ramp or walk. Typical street corner placement locations are shown on Sheet 1.  
**Some detectable warning products require a concrete border for proper installation. The concrete border should not exceed 2". Where the back of curb edge is tooled to provide a radius, the border dimension should be measured from the end of the radius.**  
**ALIGNMENT:** Truncated domes should be aligned with the primary direction of the ramp as shown on the DETECTABLE WARNING ALIGNMENT Detail to direct pedestrians toward the landing. Normally the detectable warnings should be flush with the back of the curb, but for skewed conditions see DETECTABLE WARNING ALIGNMENT Detail. For non-standard layouts, detectable warning materials may have to be mitered and placed segmentally.  
**PRODUCTS & COLORS:** Color of the detectable warnings should contrast with surrounding concrete walk and ramp. Black is not an acceptable color. Approved products and guidance on color may be found on the Office of Roadway Engineering Service's Detectable Warnings Approved List. Install products as per manufacturer's printed instructions.

ITEM 608 - SIDEWALK RAMPS  
 N.T.S.

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 03-20-2023  
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 NEW CURB RAMPS  
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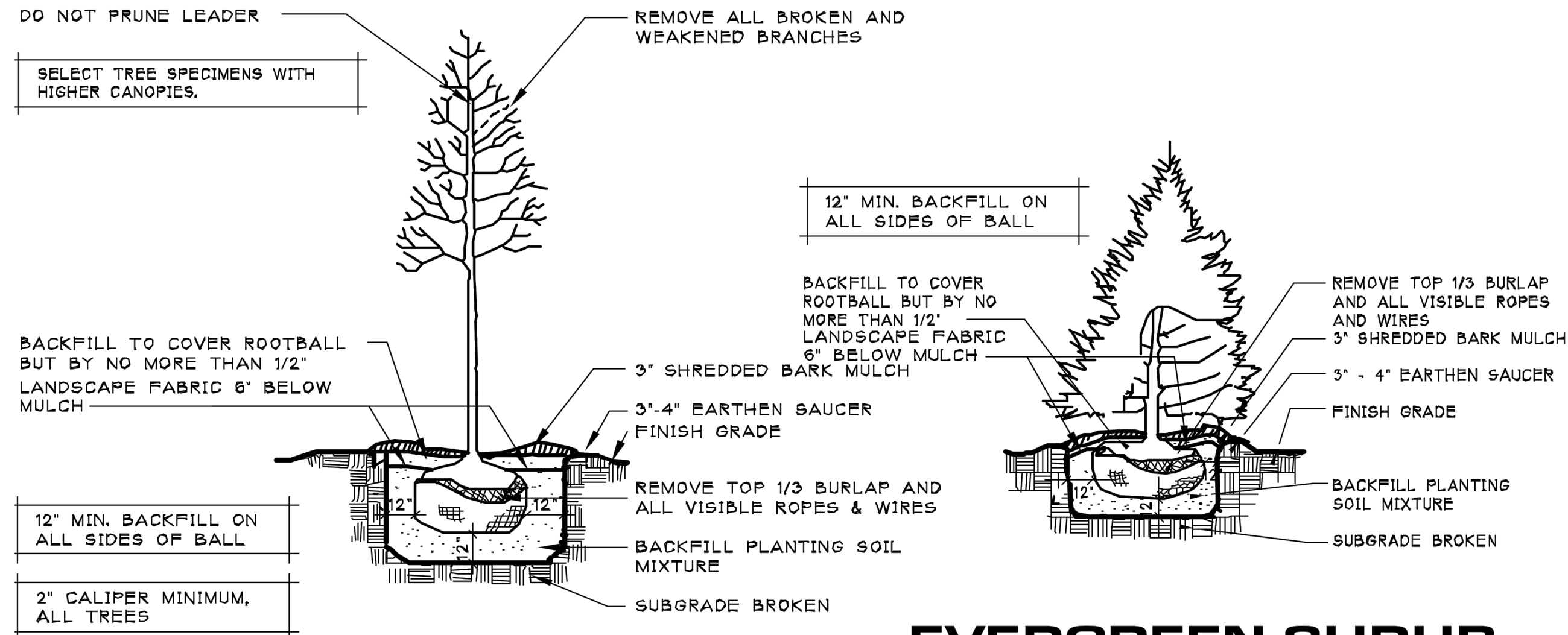
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DESIGNED BY:	SRG
DRAWN BY:	JPAY
CHECKED BY:	SRG

PROJECT NO:	
231937	
DRAWING NAME	
DET	
SHEET	OF
4	9

NO	REVISION	DATE

**CITY OF SPRINGDALE, OHIO  
TREE PLANTING SPECIFICATIONS**



**TREE PLANTING DETAIL**

**EVERGREEN SHRUB PLANTING DETAIL**

ITEM 608 - TREE PLANTING DETAILS  
N.T.S.

**I. SCOPE OF WORK**

To provide all supervision, material, labor, equipment, service, operations and expertise required to deliver, locate, plant and guarantee for one year, street trees in the City of Springdale, Ohio, as specified herein. Contractor has the responsibility to:

- A. Furnish, transport and plant trees.
- B. Reserve work space along streets.
- C. Locate tree planting sites.
- D. Excavate in-place soil, plant trees, backfill and water.
- E. Furnish and place mulch.
- F. Remove excess material and clean up site.
- G. Guarantee trees for one year and make appropriate replacement planting.
- H. Keep work site safe at all times.
- I. Any work incidental to above.

**II. DEFINITIONS**

- A. REFERENCE: Reference to any other specifications or standards means the latest revision in effect on date of invitation to bid. This set of specifications governs when disagreement with a reference specification occurs.
- B. SPECIFIED: Means specified in the invitation to bid and/or order or contract.
- C. A.A.N. STANDARDS: Nursery stock standards of American Association of Nurserymen and published as A.N.S.I. Z60.1. By this reference, these standards are made an official part of this contract.
- D. CITY: City of Springdale, Ohio. Contact City Public Works Director at 513-346-5520.
- E. CONTRACTOR: A company that earns the majority of its annual revenue from planting or maintaining trees and/or shrubbery and whose experience and expertise in tree planting can be verified by references.

**III. MATERIALS SPECIFICATIONS:** Mention of any product name neither constitutes an endorsement of that product nor excludes the use of similar products meeting specifications.

C. UNDERGROUND UTILITIES: Contractor ensures that underground gas, electric, water, telephone, cable television, telecommunication and all other such utility lines are marked by respective agency or company after locating potential planting sites. Ohio Utility Protection Service (1-800-362-2764) handles gas, electric, telephone, water, and sanitary sewer.

D. TREE LOCATION ADJUSTMENT: After utilities have been located, a follow-up inspection is performed by Contractor and City to adjust locations and to obtain final counts of trees to be planted on each street.

E. DELIVERY: Trees transported and hauled with adequate protection. Trees covered with tarpaulin during transit or transported in closed truck. City reserves the right to reject trees improperly shipped.

F. TEMPORARY STORAGE: Root balls of trees not immediately planted after delivery to be adequately protected by mulch or heeling-in and watered until planting occurs. Contractor assumes all risk and expense of temporary storage. City reserves the right to reject trees improperly stored.

G. PLANTING HOLES: Contractor to dig all holes in accordance with ANSI A300, Part 6 standards of the most recent publication for tree installation. Contractor shall make all holes safe until planted and covered with mulch. Augers may be used to start holes.

H. PRECAUTIONS DURING DIGGING: When subsurface utilities are encountered, Contractor immediately calls 1) controlling agency or company; 2) City of Springdale (513-346-5520). Contractor, at his expense, restores to original condition all structures, facilities and other property damaged by his company's work.

I. SURPLUS EXCAVATION: Removed and disposed of by Contractor at his expense.

J. PLANTING: Trees placed at same depth as in nursery by finding the first order, main root and planting the trunk collar so it is level with the existing soil level per ANSI A300 Part 6, Planting and Transplanting. Trees with forked top oriented with forked limbs pointed parallel to street and not toward street. On days when temperatures fall below 30 degrees, planting is not permitted.

K. ROOT PRUNING: Ends of broken or damaged roots over 1/4 inch in diameter pruned with a clean cut, removing only injured portion.

L. BACKFILL: Planting holes backfilled with shredded pulverized soil ground out from planting holes and mixed properly with plant watering aid. Backfill tamped with feet, rods of other approved tamping device as it is placed into hole.

If soil is unsuitable for backfill, the City will supply up to 10 cubic yards of topsoil. If additional topsoil is needed, it will be at the contractor's expense.

M. TOP PRUNING AND WOUND DRESSING: Pruning done to make trees shapely and typical of species. Pruning done according to recognized horticultural standards in accordance with ANSI A300 pruning procedures. Trees pruned to clear pedestrians and vehicles as much as possible. Accidental damage during planting not great enough to warrant branch removal or tree replacement is promptly traced according to recognized horticultural practices. No tree wound dressing issued. The use of an antisprouting product like "Maintain-A" may be required.

N. MULCHING: Shredded hardwood class A mulch is to be placed loosely around trees within 24 hours after planting to a uniform depth of six inches and a diameter of four feet where possible. Mulch shall not be placed directly on tree trunk.

O. EXTRA HOLES: Excess or improperly located planting holes are immediately backfilled then seeded with turf-type fescue and covered with two inches of straw, at Contractor's expense.

P. WATERING: Done thoroughly to settle backfill within 24 hours after all backfill is in place.

Q. WRAPPING AND STAKING: Trees are not wrapped or staked unless specified by City during guarantee period.

R. SUPERVISION: Contractor consults with City concerning details and scheduling of all work. Contractor has a competent person in charge of work at all times to whom the City may issue directions and who is authorized to accept and act upon such directives. This supervisor must fluently speak, read and write English. Supervisor must call City at 513-346-5520 at least 24 hours before each work day begins to provide work locations.

S. PUBLIC RELATIONS: While on City of Springdale business only, Contractor may be required to fasten and display on each truck an 18" x 24" sign saying Springdale Urban Forestry Program. Information sheets to explain our program will be prepared by Springdale for distribution to interested passersby.

**V. SUBSTITUTIONS**

Substitutions are only allowed when the City agrees in writing. If a species or variety is used as a substitute, the per tree price paid by the City is the lowest of:

- A. The per tree price of the species or variety originally specified or bid on, or;
- B. The lowest bid for the substitute species of variety, if it is elsewhere in this contract.

CT Consultants, Inc. 58

**VI. INSPECTIONS**

A. NURSERY INSPECTION: City, at its direction, may inspect and tag nursery stock purchased under this contract before digging. Tags remain on trees until final inspection [Section 6(F)] is made.

B. AGENCY INSPECTION: Federal, State and other authorities inspect all trees before removal from nursery, as required by local law. Required certificates declaring trees free of all diseases and insects accompany each order or shipment of trees and are given to Public Works Inspector.

C. PLANTING INSPECTION: City, at its discretion, inspects planting operations or temporarily stored trees.

D. GUARANTEE PERIOD INSPECTION: The City inspects planting work to verify completion and begin guarantee period. Contractor requests this inspection in writing at least ten days before its schedule date. After inspection, City notifies Contractor in writing of date of beginning of guarantee period or of deficiencies to correct before guarantee period begins.

E. CORRECTION INSPECTION: Two months before end of guarantee period, the City inspects work and notifies Contractor of replacements and other corrections required to make work acceptable.

F. FINAL INSPECTION: At end of guarantee period, the City inspects trees to determine final acceptance. Contractor requests this inspection in writing at least ten days before its scheduled day.

G. OTHER INSPECTIONS: The City of Springdale, Ohio Department of Natural Resources, or the Small Business Administration reserves the right to inspect on-site work at any time without notice.

**VII. GUARANTEE**

Contractor guarantees that all plants remain alive and healthy until the end of a one (1) year guarantee period. During the guarantee period, Contractor immediately removes, then replaces during the next appropriate planting season, as specified and at his expense, any dead trees and any trees that, in the opinion of the City, have become unhealthy or unsightly or have lost their natural shape due to dead branches, improper pruning or maintenance or any other cause due to the Contractor's negligence, or weather conditions. Contractor straightens guys, if necessary, and leaning trees, bearing the entire cost. Guy wires, stakes and wrapping removed by Contractor after the next growing season. Each replacement tree is guaranteed in a like manner for one year from the date the replacement tree is planted.

**VIII. REJECTION**

The Contractor, at his own expense, disposes of any tree rejected by the City.

**IX. PAYMENTS**

Partial billings are acceptable, not more frequently than every 30 days. Payment is made according to actual number of trees properly planted, watered and mulched, since these totals

CT Consultants, Inc. 62

A. NURSERY STOCK: All trees healthy, vigorous and well grown, showing evidence of proper root and top pruning, single trunk, high branched (approximately 6' or more) specimens suitable for use along streets. Lower branched trees that have been recently pruned to the appropriate height may be rejected by the City. The tree caliper shall be between 1 1/2" and 2 1/2" effort shall be given to obtain the largest caliper possible. All trees grown at least one year in a currently active nursery having the similar climatic conditions as the City of Springdale. All plants meet ANSI Z60 for top grade. Park grade trees are not acceptable. Label attached to each tree at nursery indicating botanical name and common name. City has final approval of species or variety used and nursery which trees are obtained. Tags remain on trees for one year.

B. ROOT BALLS AND BURLAP: All trees balled and burlapped. Ball shape and size conform to ANSI Z60 Standards. Only rottable burlap and rottable rope permitted. Root balls adequately protected at all times from sun, heat, freezing and drying. City will reject any cracked or manufactured root balls. Container stock is acceptable if it conforms to A.A.N. Standards and equals in size 1 1/2" or 2 1/2" caliper B & B material.

C. MULCH: Shredded hardwood mulch provided by Contractor.

D. PLANT WATERING AID: Supersorb C, Hydro-gel A1000 or TerraSorb or equivalent shall be incorporated as per label direction into all backfill. Contractor to provide copy of label and manufacturer's instructions for use for product chosen at the time the list of nursery suppliers is submitted to the City.

**IV. WORK PROCEDURES**

A. SOURCE OF SUPPLY: Not less than 30 days before planting begins, Contractor submits in writing to City complete detailed information concerning source of supply for each item of plant material specified in the planting list. Plant watering aid information [Section III(D)] to be submitted at this time.

B. TREE LOCATION: Before nursery orders are finalized, City lays out locations of all planting holes with suitable marks with the Contractor.

may vary from estimated quantities. Eight percent of each invoice may be held until Contractor's work is completed to the satisfaction of the City.

**X. ITEMS**

Each entry (street name, estimated number of trees and species) within each section is considered a separate item. The City reserves the right to delete any item or items because of inability to obtain specified trees or other reasonable cause. Each item is on a more or less basis, since field conditions may allow planting of more or fewer trees than the estimated number specified. A price per tree is to be quoted for each item, and the Contractor will be paid at this rate for each tree actually planted.

**XI. SUBSTITUTIONS**

All prices quoted on the main bidding sheet must be based on furnishing the materials specified herein without substitutions, to permit proper comparison of bids.

Bidders may offer substitutions of the material specified herein provided this bidder adheres to the following:

A. List all proposed substitutions on the Substitution Sheet included in the bid package indicating any addition or deduction to the price quoted on the main bid sheet as applicable.

B. Furnish complete specifications and descriptions of the substitute material proposed.

Substitutions will be given full consideration by the City. The Contractor may furnish only those substitute items included in his bid and approved by the City.

If no substitutions are indicated on the Substitution Sheet, or it substitutions offered are not approved by the City, the Contractor shall furnish the material specified in the attached specifications.

No additional substitutions will be permitted after the award of the contract.

If a substitution creates any additional costs for the City, such additional costs shall be borne by the Contractor offering the substitute.



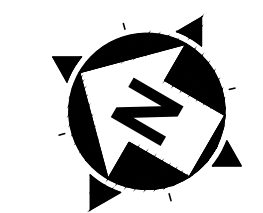
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SCALE: AS NOTED	DATE: 06/03/2024	DESIGNED BY: SRIG	DRAWN BY: JPAY	CHECKED BY: SRIG
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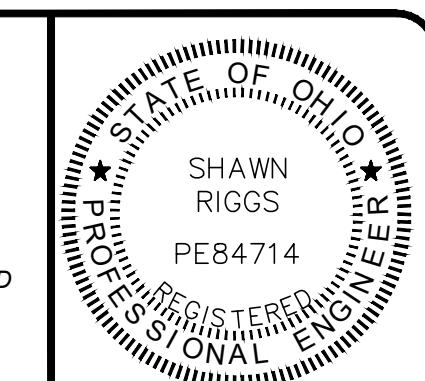
**TRI-COUNTY PKWY SIDEWALKS  
CITY OF SPRINGDALE  
HAMILTON COUNTY, OHIO**

**DETAILS**

PROJECT NO:	
231937	
DRAWING NAME	
DET	
SHEET	OF
5	9



NORTH AND BEARING SYSTEM BASED ON NAD83 (2011) OHIO STATE PLANE, SOUTH ZONE, US FOOT.

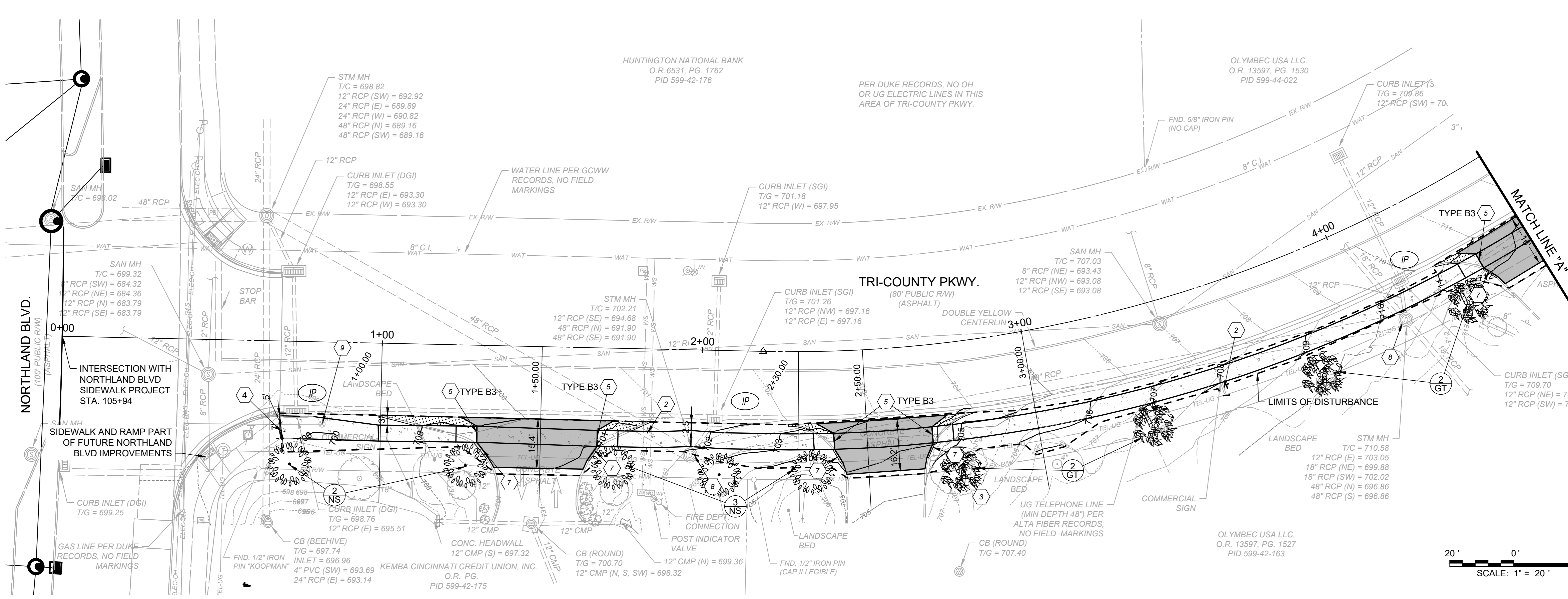
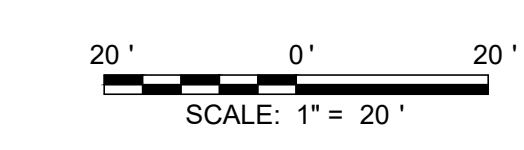


- CONSTRUCTION NOTES**
- ITEM 201- REMOVE TREE
  - ITEM 630-REMOVAL OF GROUND MOUNTED SIGN AND REERECTION RELOCATE TO BACK OF SIDEWALK. SIGN POST AND ALL MOUNTING HARDWARD SHALL BE CONSIDERED INCIDENTAL.
  - DO NOT DISTURB
  - ITEM 608-CONNECT SIDEWALK TO EXISTING SIDEWALK OR SIDEWALK RAMP
  - ITEM 608- SIDEWALK TIE-IN AT DRIVE APRONS (9" THICK 4' FROM EDGE OF APRON)
  - ITEM 608- INSTALL PROPOSED ADA CURB RAMP WITH DETECTABLE WARNINGS. SEE DETAIL, SHEET 3.
  - ITEM 609- REPLACE CURBS AND GUTTER. TRANSITION CURB TO MEET SIDEWALK RAMP (5 TYP.)
  - ITEM 611- ADJUST MANHOLE TO GRADE
  - ITEM 611- ADJUST GAS VALVE TO GRADE
  - ITEM 644 - 12" CROSS WALK LINE
  - ITEM 644 - 24" STOP BAR
  - ITEM 659 - SEEDING AND MULCHING RESTORATION
  - ITEM 638- ADJUST WATER VALVE TO GRADE

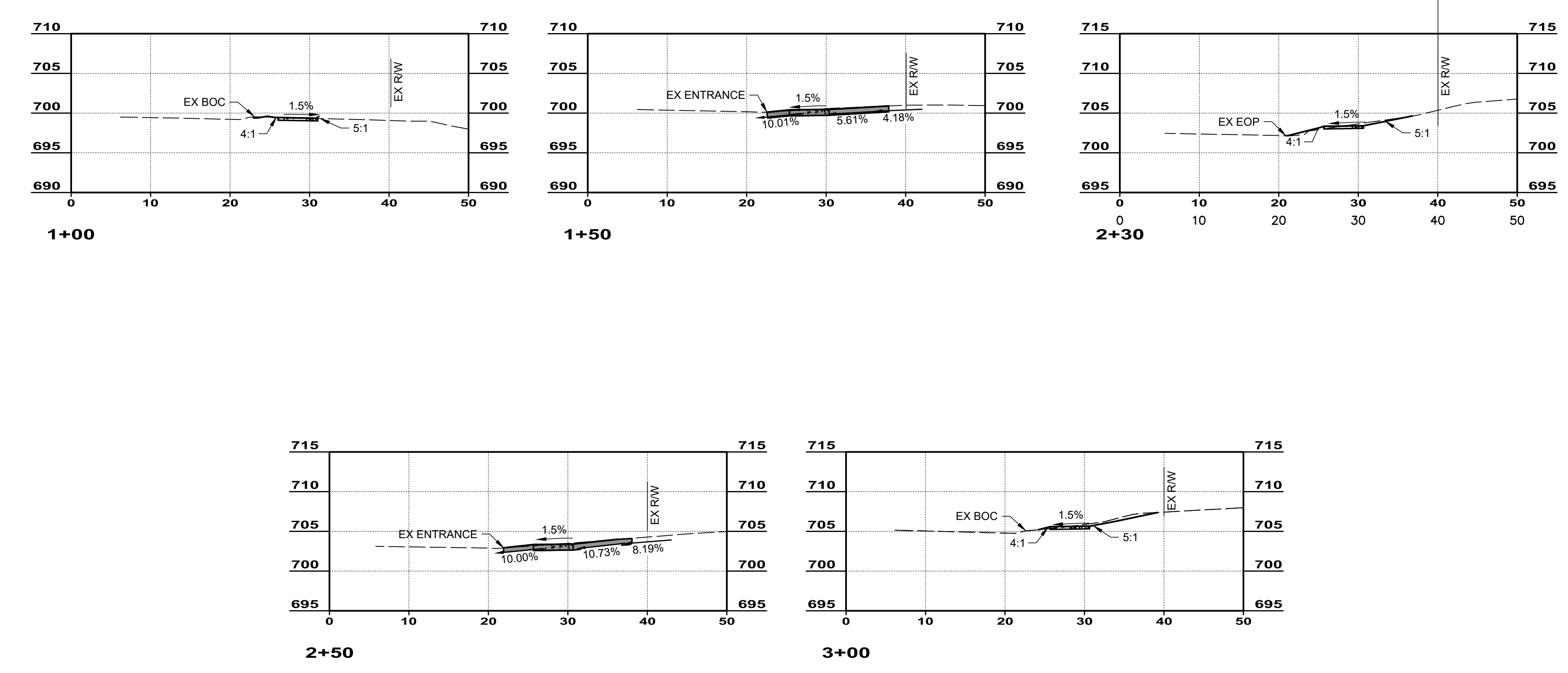
- HATCH LEGEND**
- ITEM 452- 9" CONCRETE DRIVEWAY REPLACEMENT - SEE DETAIL, SHEET 3.
  - ITEM 608- 5" (& 9") CONCRETE WALK - SEE DETAIL, SHEET 3.
  - ITEM 609- REMOVE PAVEMENT
  - ITEM 659- SEEDING & MULCHING
  - ITEM 609- REMOVE SIDEWALK
  - ITEM 659- SEEDING & MULCHING

- EROSION CONTROL LEGEND**
- IP INLET PROTECTION (SEE DETAIL)
  - DISTURBANCE LIMITS

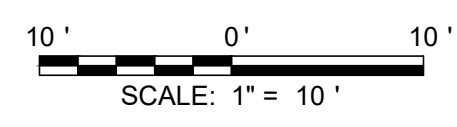
- LANDSCAPING LEGEND (BID ALTERNATIVES)**
- 5 TA AMERICAN LINDEN (TILIA AMERICANA) 5 TOTAL
  - 7 GT THORNLESS HONEYLOCUST (GLEDTISIA TRIACANTHOS) 7 TOTAL
  - 9 NS BLACK GUM (NYSSA SYLVATICA) 9 TOTAL
  - 6 CK AMERICAN YELLOWWOOD (CLADRASTIS KENTUCKEA) 6 TOTAL



PLAN WEST  
SCALE: 1"=20'



CROSS SECTION WEST  
SCALE: 1"=10'

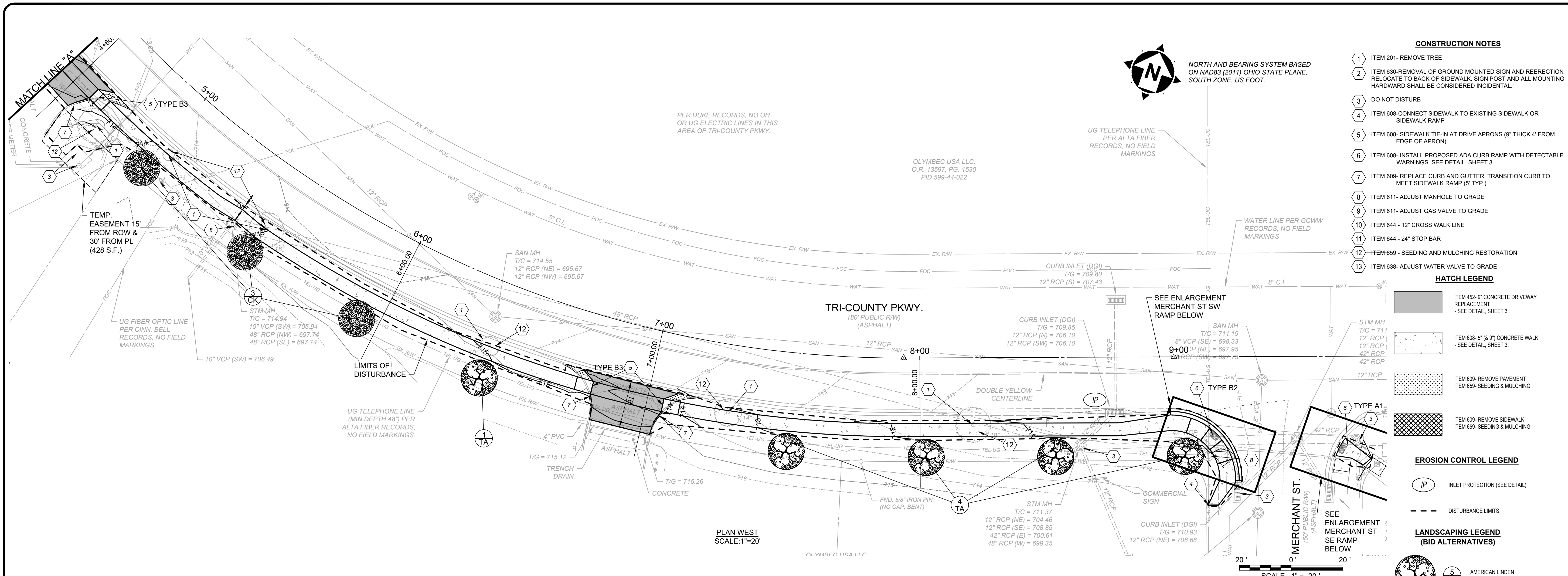


NO	REVISION	DATE

SCALE: AS NOTED	DATE: 06/03/2024	DESIGNED BY: SRIG	DRAWN BY: JIPAY	CHECKED BY: SRIG
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**TRI-COUNTY PKWY SIDEWALKS**  
CITY OF SPRINGDALE  
HAMILTON COUNTY, OHIO  
**PLAN WEST AND SECTIONS**  
STA 0+68- STA 4+55

PROJECT NO: <b>231937</b>	
DRAWING NAME <b>PNP1</b>	
SHEET <b>6</b>	OF <b>9</b>



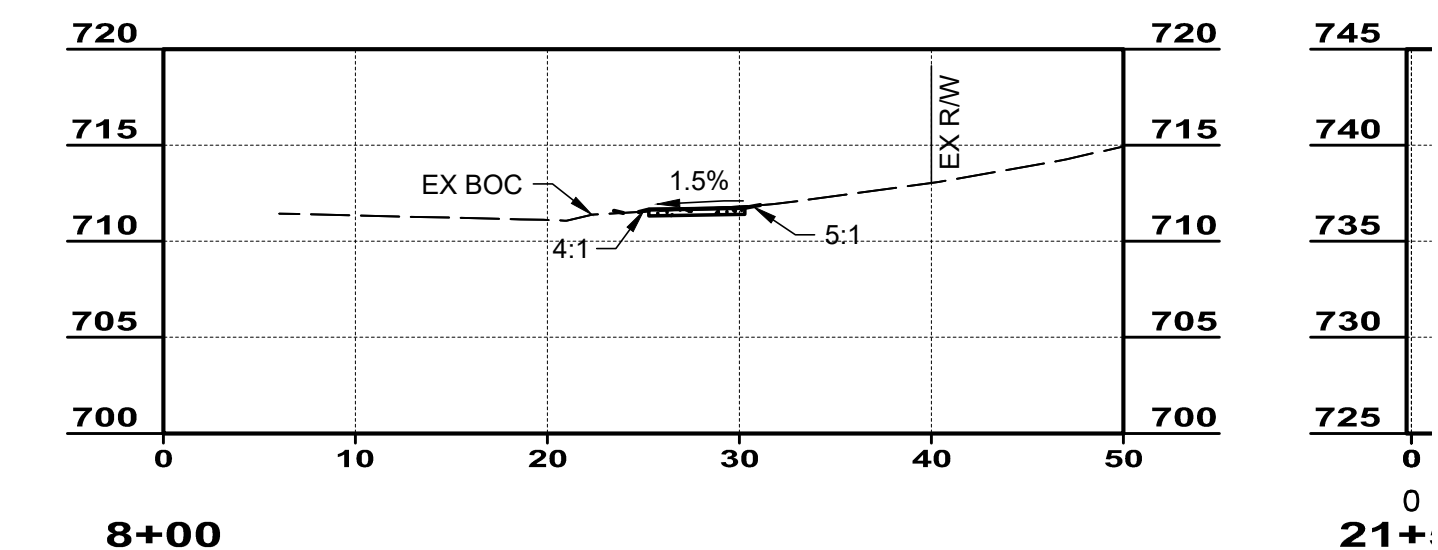
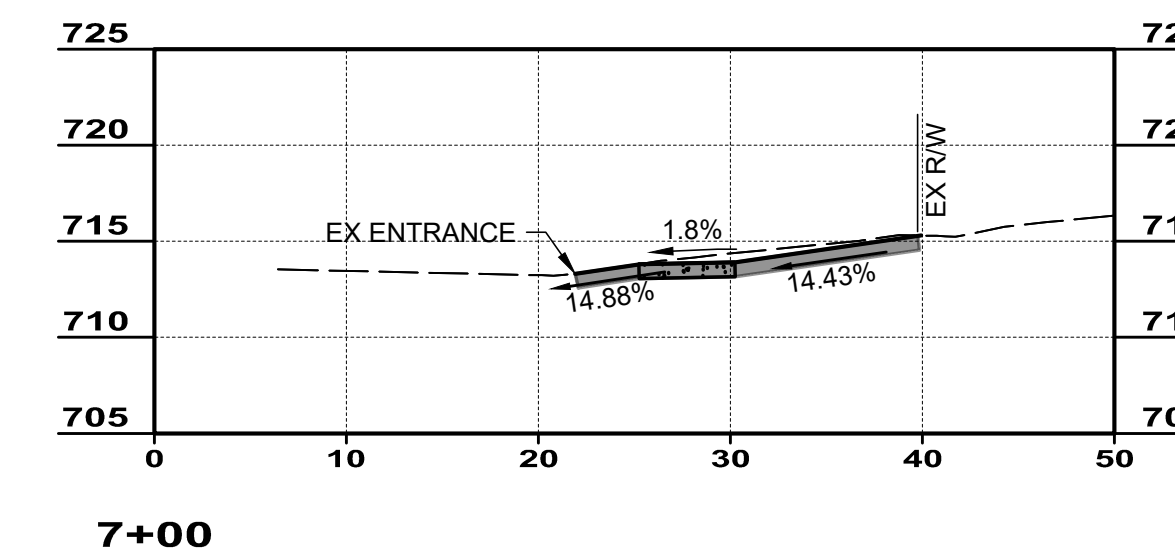
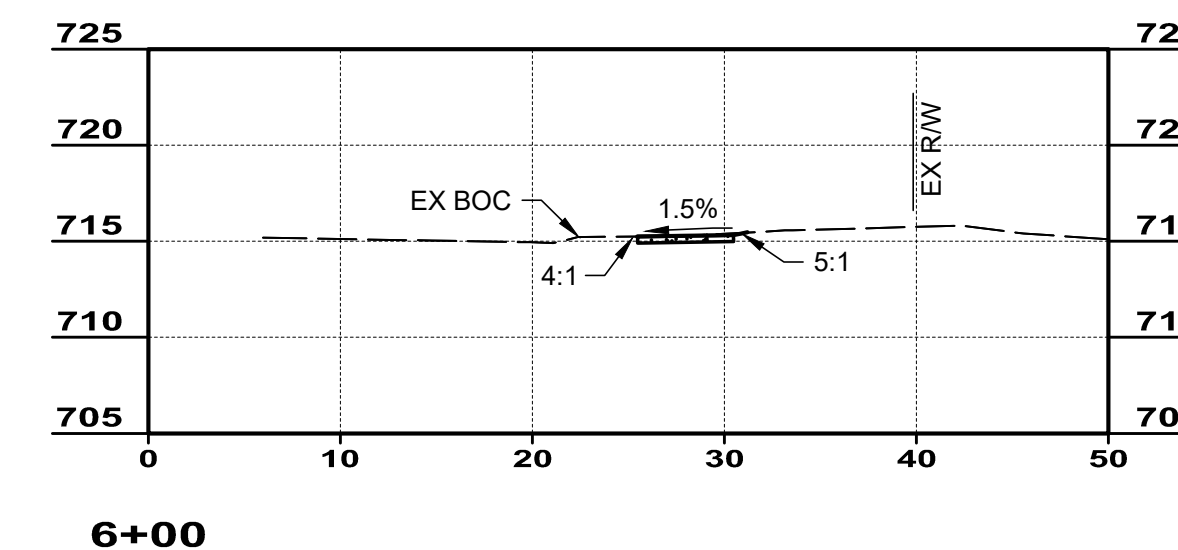
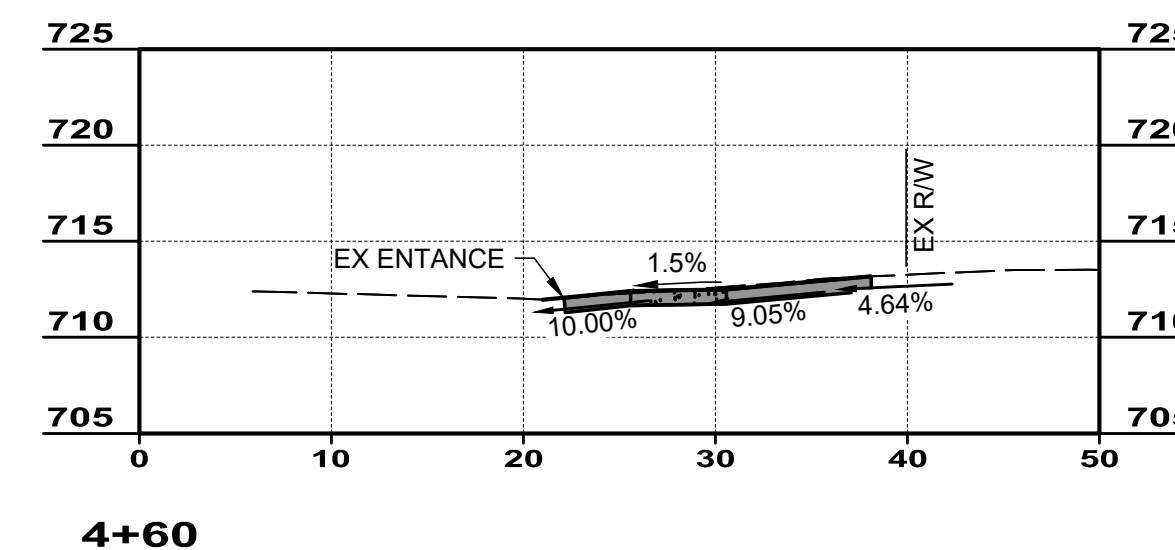
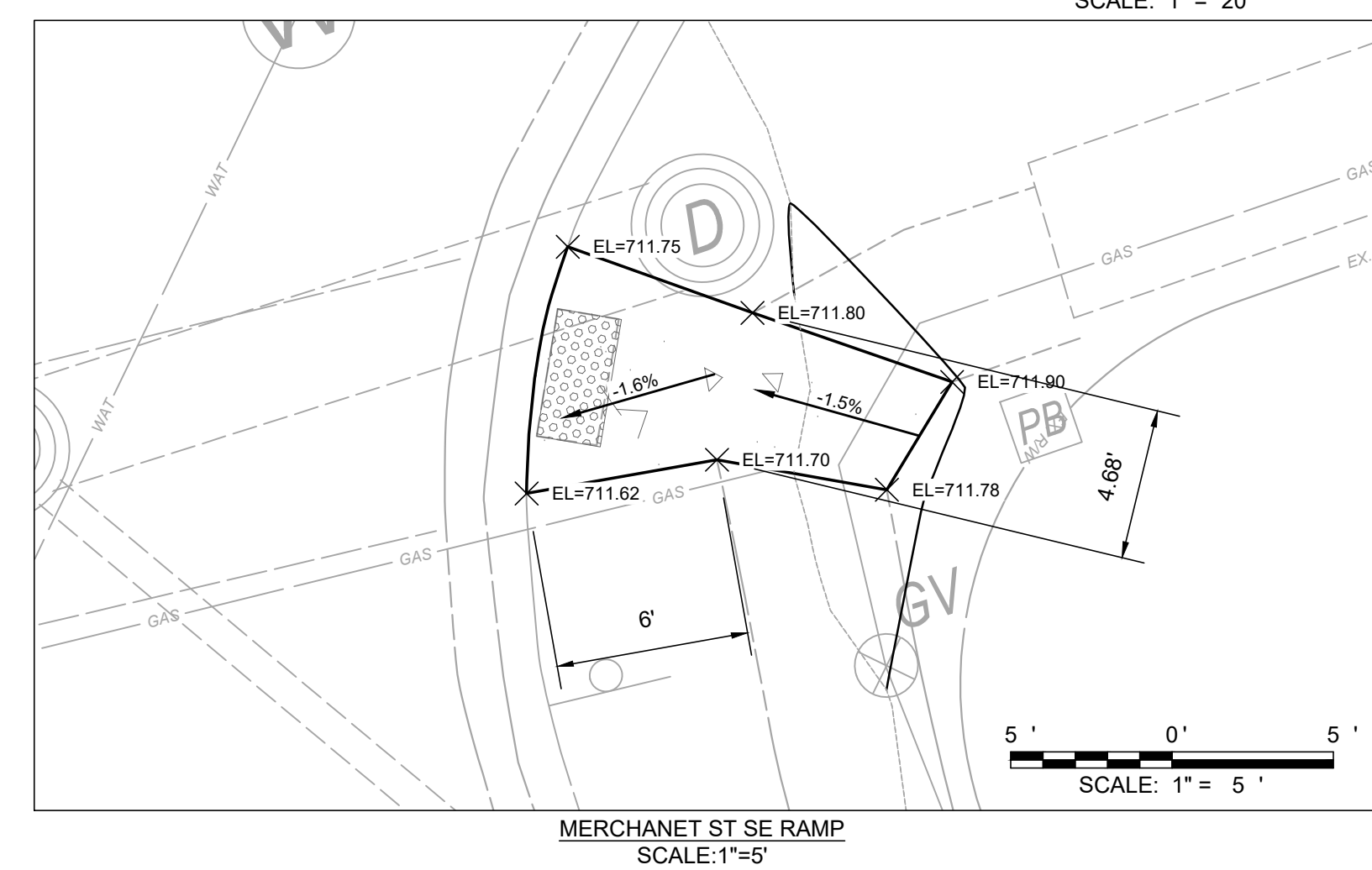
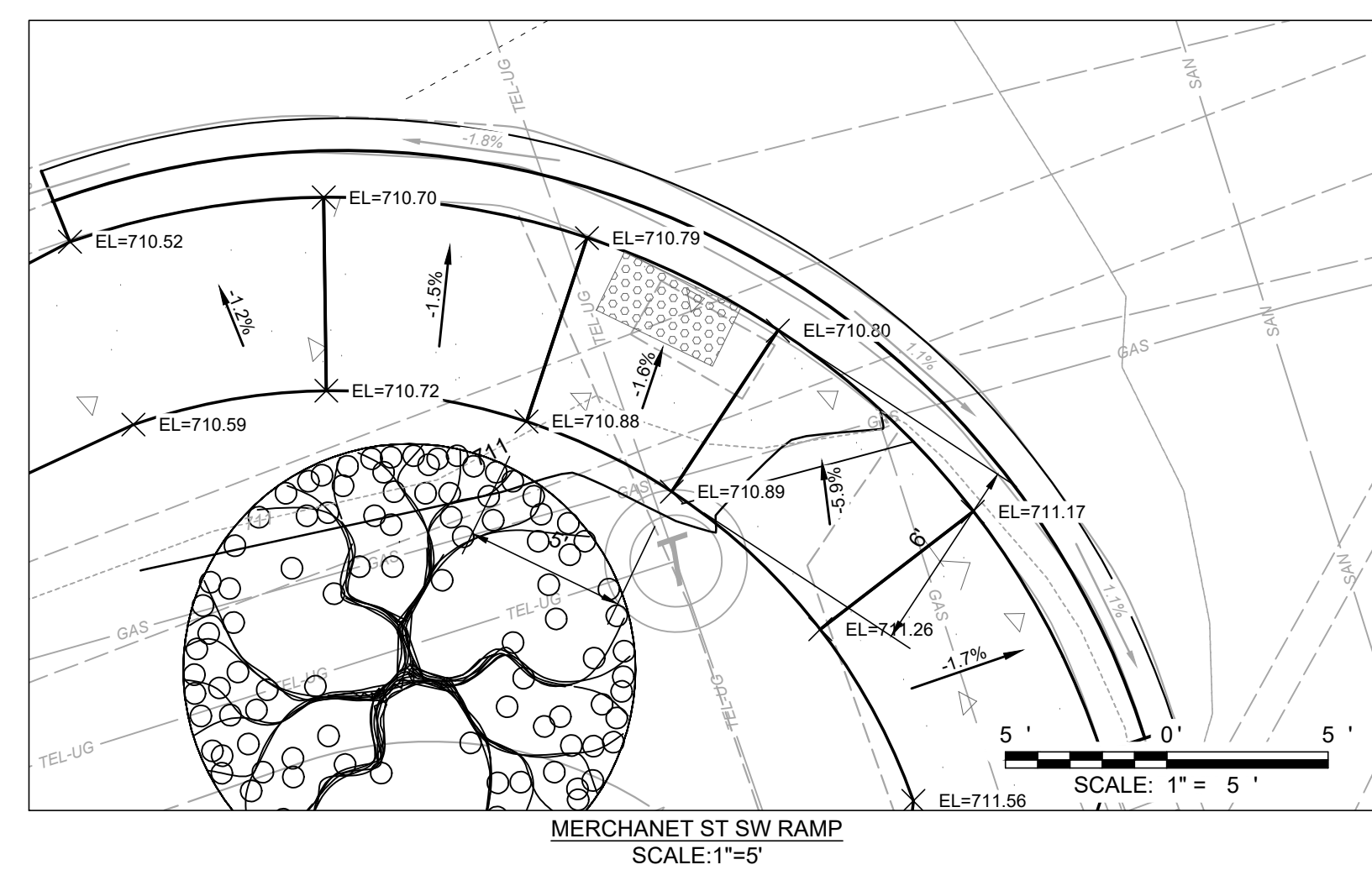
NORTH AND BEARING SYSTEM BASED ON NAD83 (2011) OHIO STATE PLANE, SOUTH ZONE, US FOOT.

- CONSTRUCTION NOTES**
- ITEM 201- REMOVE TREE
  - ITEM 630-REMOVAL OF GROUND MOUNTED SIGN AND REERECTION RELOCATE TO BACK OF SIDEWALK. SIGN POST AND ALL MOUNTING HARDWARD SHALL BE CONSIDERED INCIDENTAL.
  - DO NOT DISTURB
  - ITEM 608-CONNECT SIDEWALK TO EXISTING SIDEWALK OR SIDEWALK RAMP
  - ITEM 608- SIDEWALK TIE-IN AT DRIVE APRONS (9" THICK 4' FROM EDGE OF APRON)
  - ITEM 608- INSTALL PROPOSED ADA CURB RAMP WITH DETECTABLE WARNINGS. SEE DETAIL, SHEET 3.
  - ITEM 609- REPLACE CURB AND GUTTER. TRANSITION CURB TO MEET SIDEWALK RAMP (5' TYP.)
  - ITEM 611- ADJUST MANHOLE TO GRADE
  - ITEM 611- ADJUST GAS VALVE TO GRADE
  - ITEM 644 - 12" CROSS WALK LINE
  - ITEM 644 - 24" STOP BAR
  - ITEM 659 - SEEDING AND MULCHING RESTORATION
  - ITEM 638- ADJUST WATER VALVE TO GRADE

- HATCH LEGEND**
- ITEM 452- 9" CONCRETE DRIVEWAY REPLACEMENT - SEE DETAIL, SHEET 3.
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ITEM 659- SEEDING & MULCHING
  - ITEM 609- REMOVE SIDEWALK  
ITEM 659- SEEDING & MULCHING

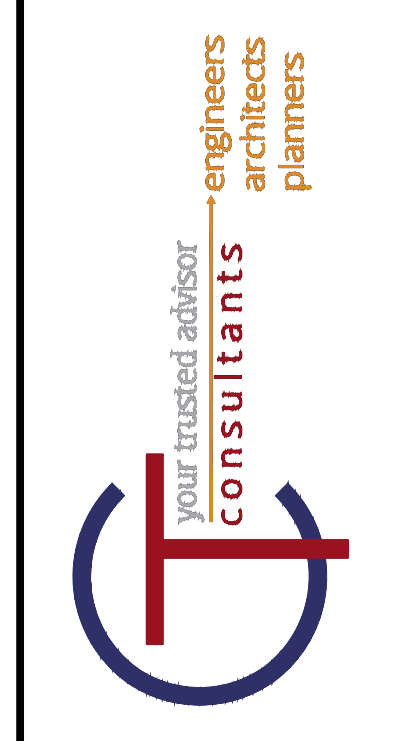
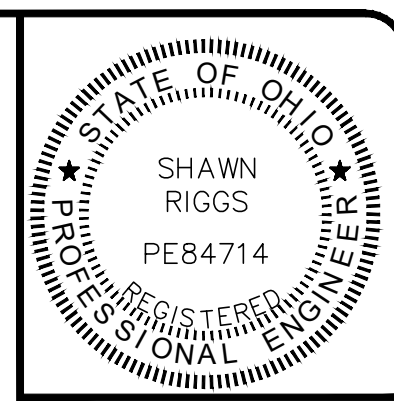
- EROSION CONTROL LEGEND**
- IP INLET PROTECTION (SEE DETAIL)
  - DISTURBANCE LIMITS

- LANDSCAPING LEGEND (BID ALTERNATIVES)**
- 5 TA AMERICAN LINDEN (TILIA AMERICANA) 5 TOTAL
  - 7 GT THORNLESS HONEYLOCUST (GLEDTISIA TRICANTHOS) 7 TOTAL
  - 9 NS BLACK GUM (NYSSA SYLVATICA) 9 TOTAL
  - 6 CK AMERICAN YELLOWWOOD (CLADRASTIS KENTUCKEA) 6 TOTAL



CROSS SECTION WEST  
SCALE: 1"=10'

SCALE: 1"= 10'



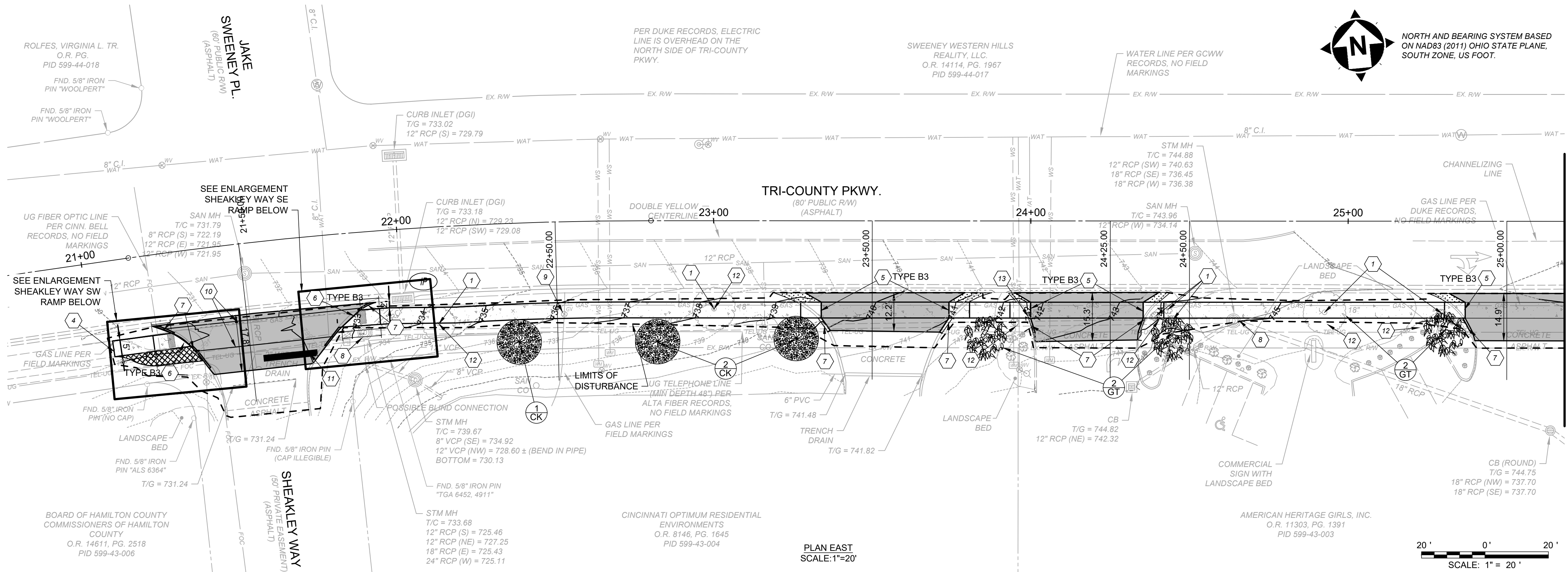
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DATE:	06/03/2024
DESIGNED BY:	SRIG
DRAWN BY:	JIPAY
CHECKED BY:	SRIG

**TRI-COUNTY PKWY SIDEWALKS**  
CITY OF SPRINGDALE  
HAMILTON COUNTY, OHIO

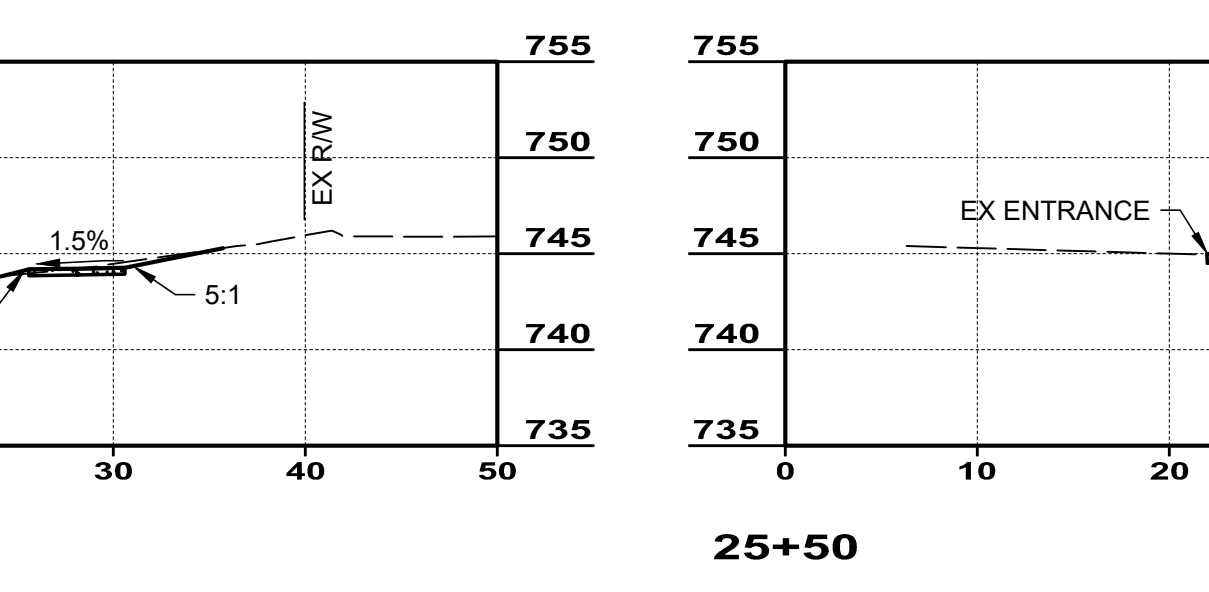
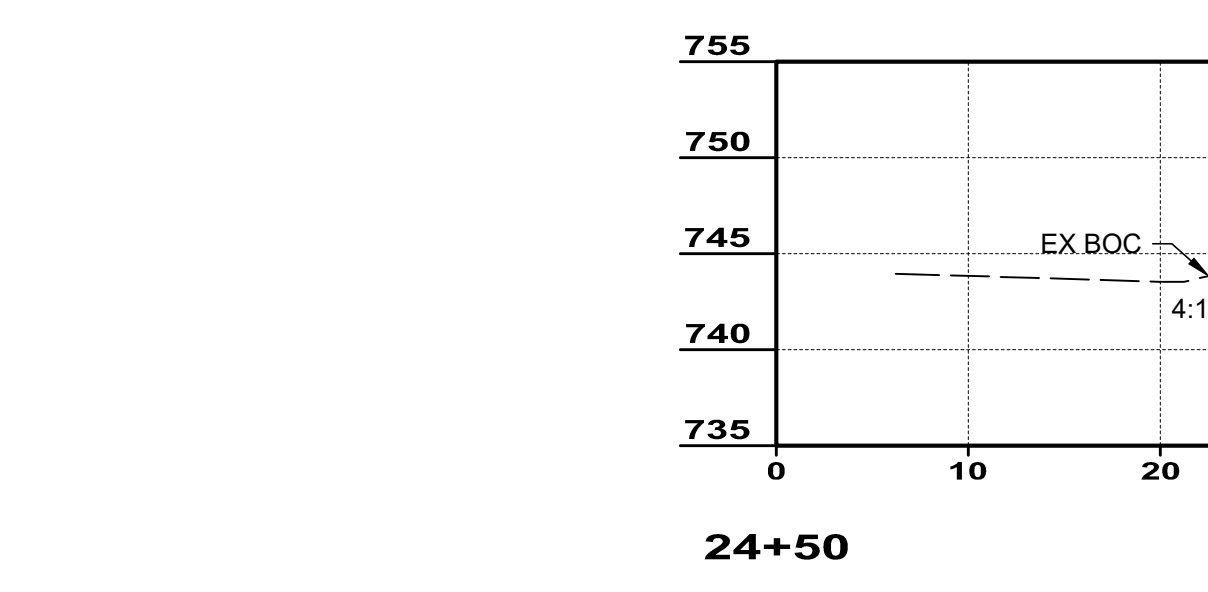
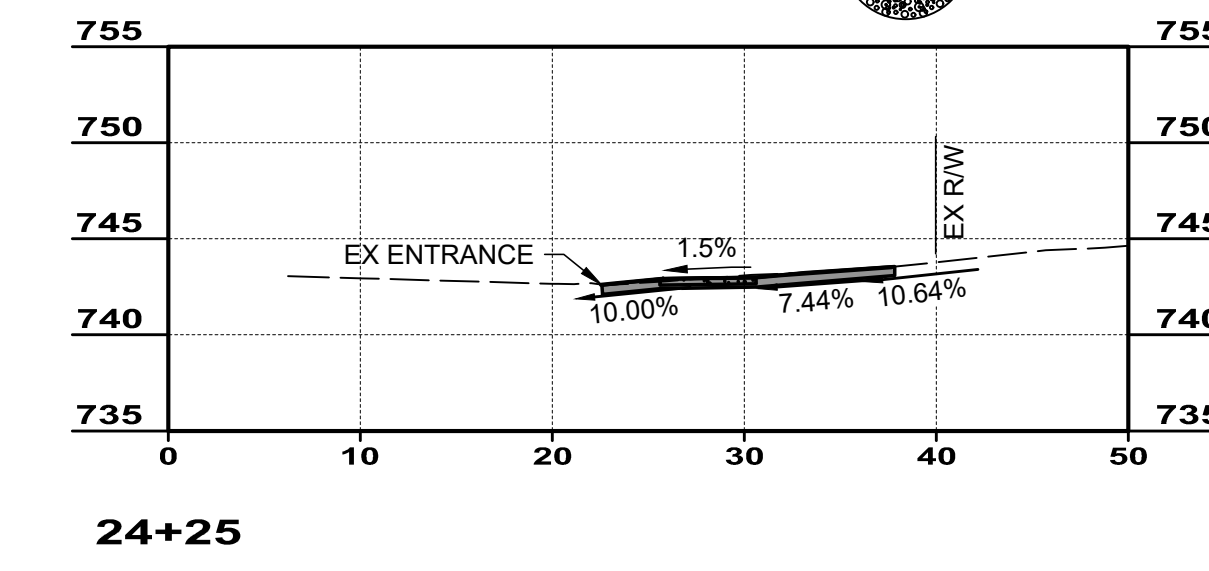
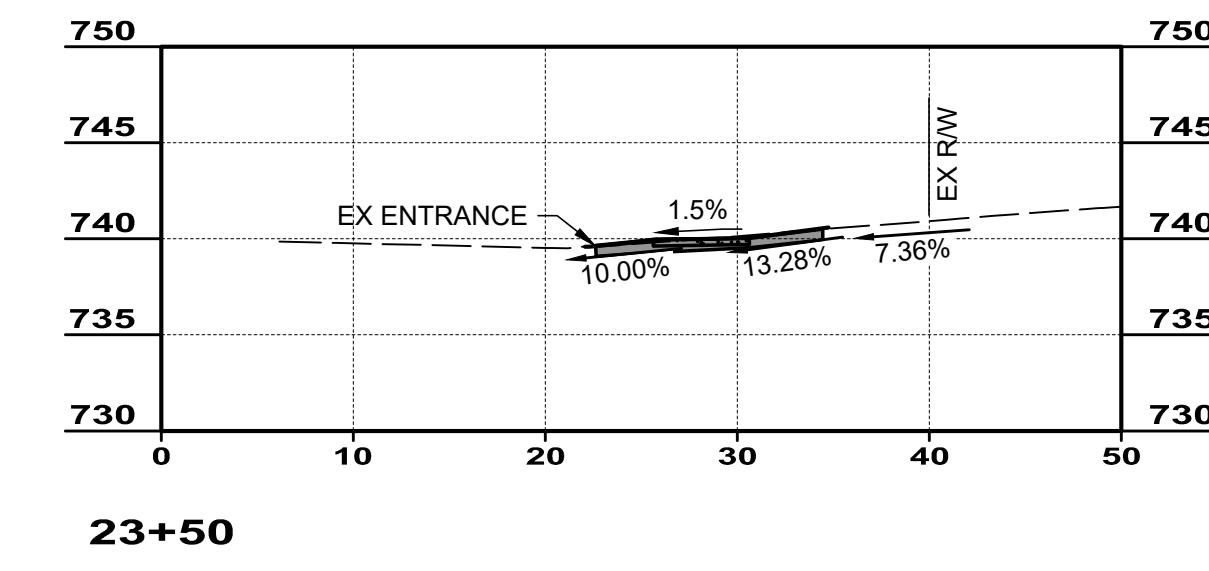
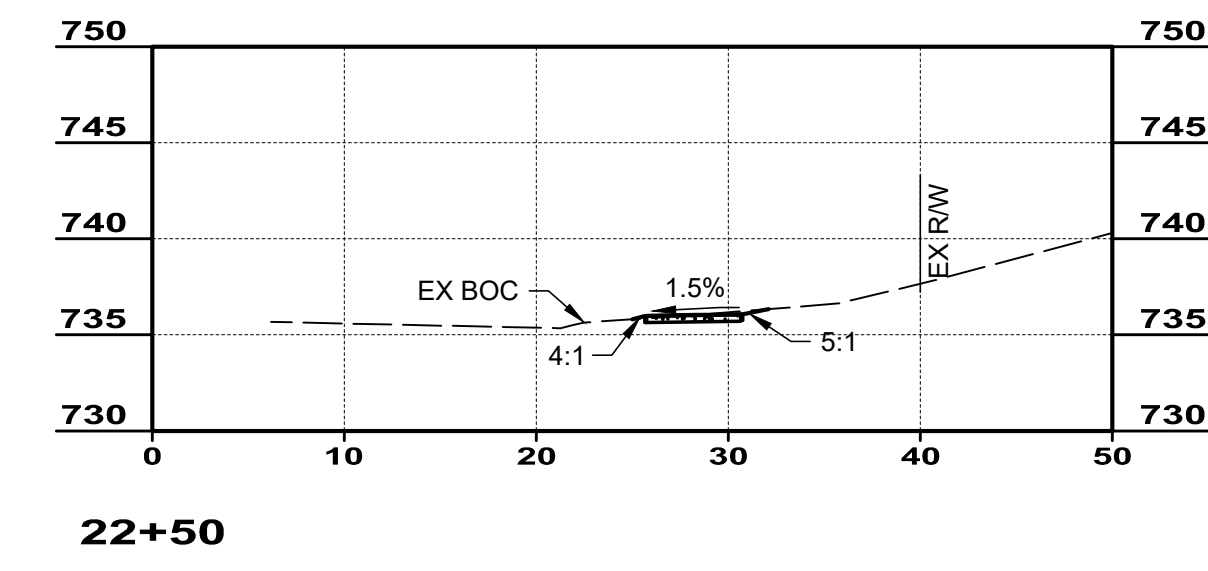
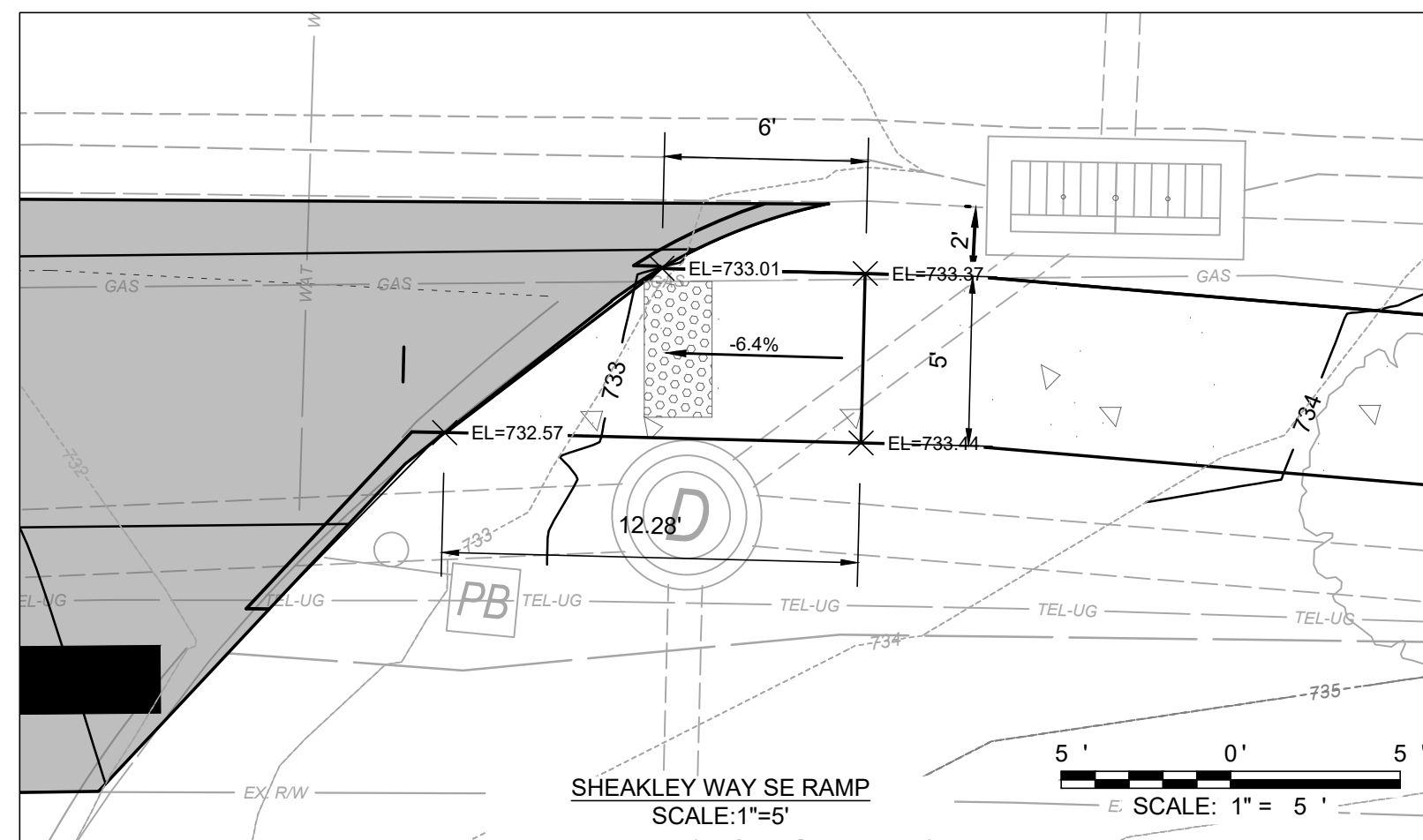
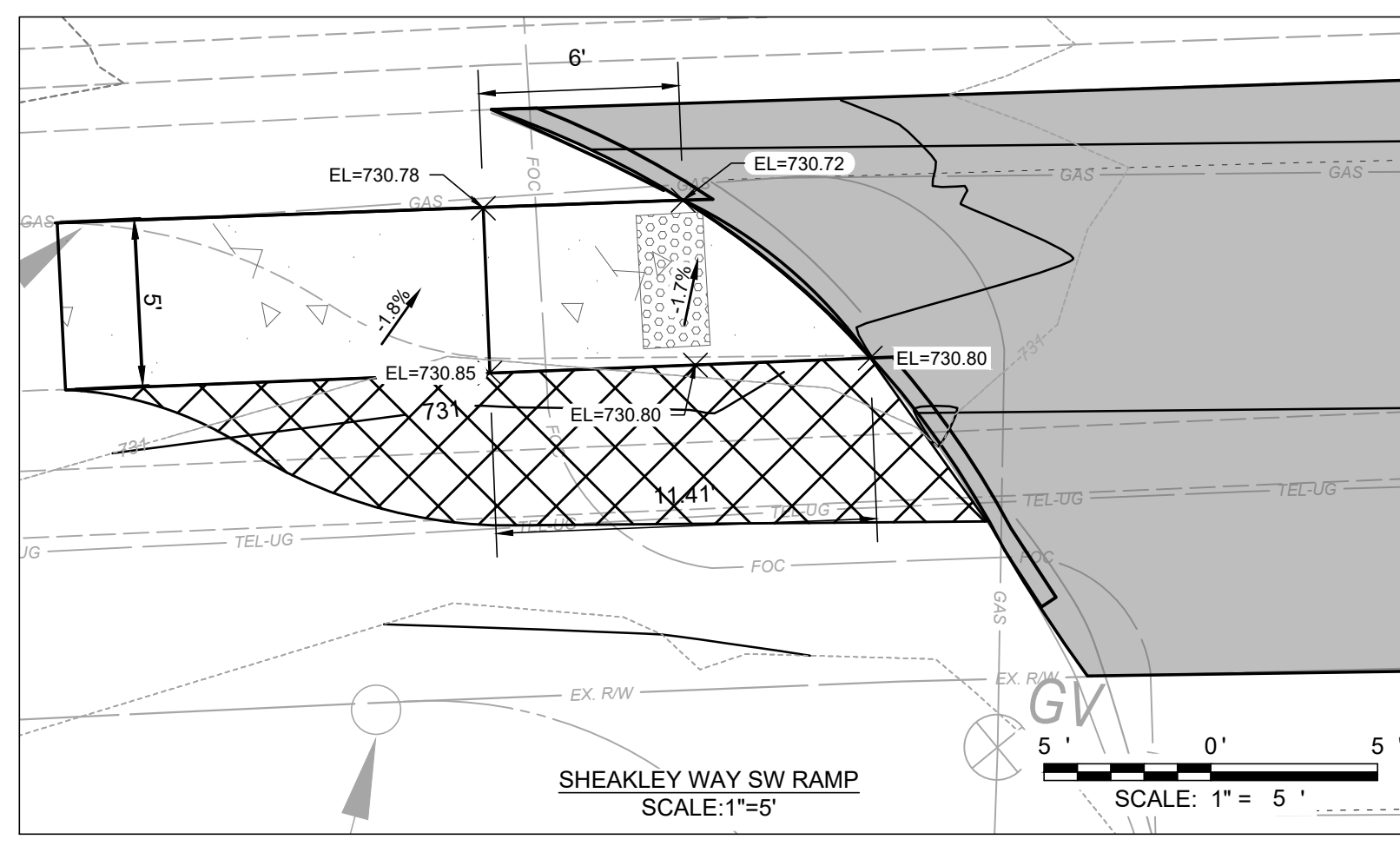
**PLAN WEST AND SECTIONS**  
STA 4+55- STA 9+10

PROJECT NO:	
231937	
DRAWING NAME	
PNP2	
SHEET	OF
7	9

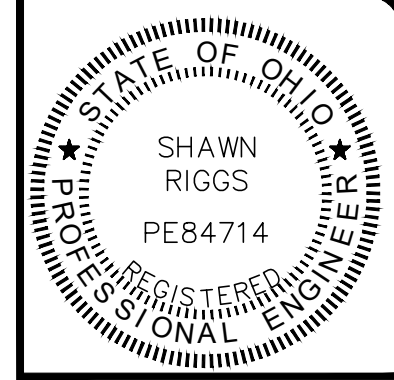
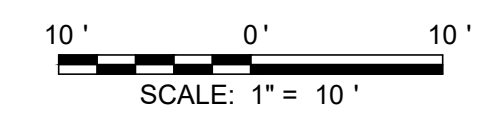


- CONSTRUCTION NOTES**
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CROSS SECTION EAST  
SCALE: 1"=10'



NO	REVISION	DATE

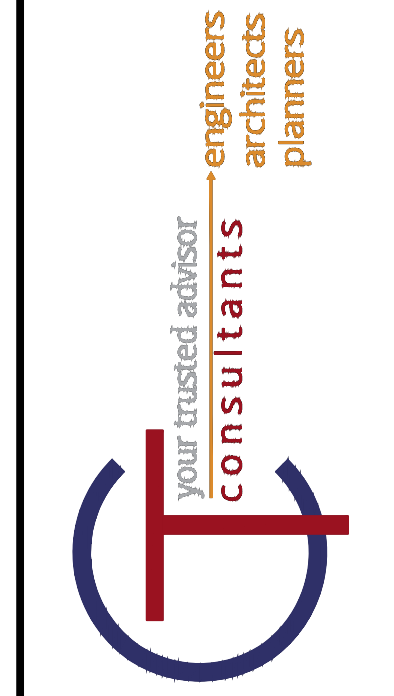
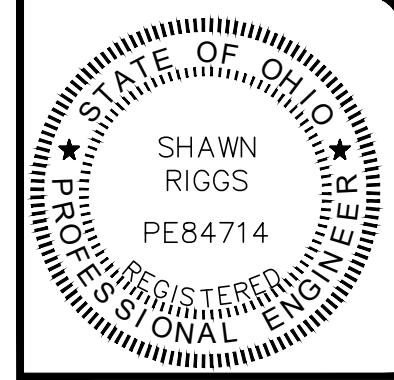
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DATE:	06/03/2024
DESIGNED BY:	SRIG
DRAWN BY:	JIPAY
CHECKED BY:	SRIG

**TRI-COUNTY PKWY SIDEWALKS**  
CITY OF SPRINGDALE  
HAMILTON COUNTY, OHIO

**PLAN EAST AND SECTIONS**  
STA 21+78- STA 25+68

PROJECT NO:	
231937	
DRAWING NAME	
PNP3	
SHEET	OF
8	9





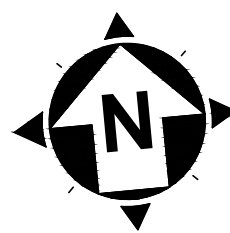
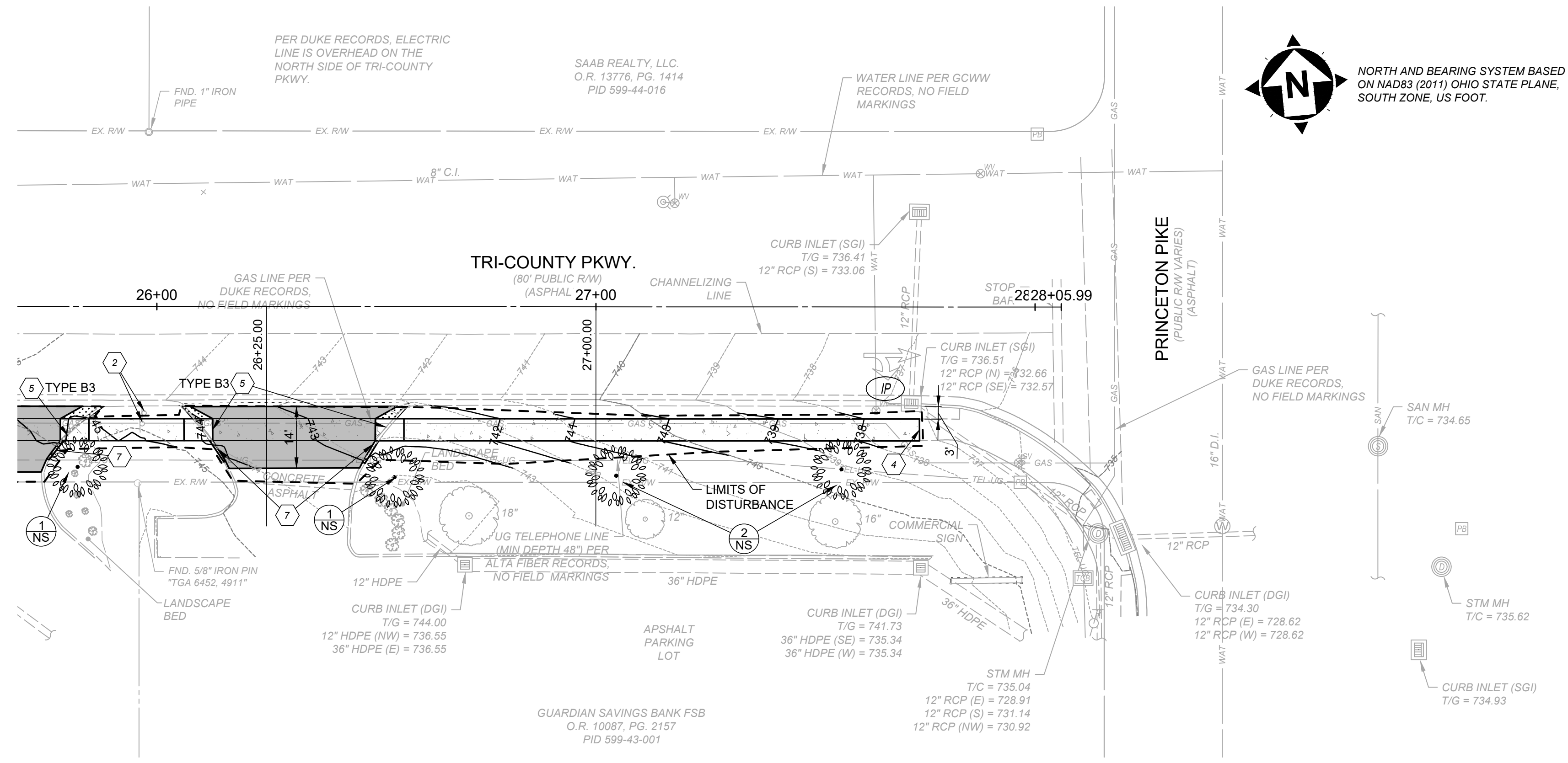
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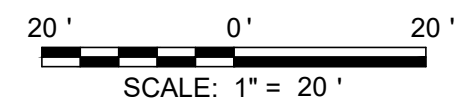
**TRI-COUNTY PKWY SIDEWALKS**  
 CITY OF SPRINGDALE  
 HAMILTON COUNTY, OHIO

**PLAN EAST AND SECTIONS**  
 STA 25+68- 27+73

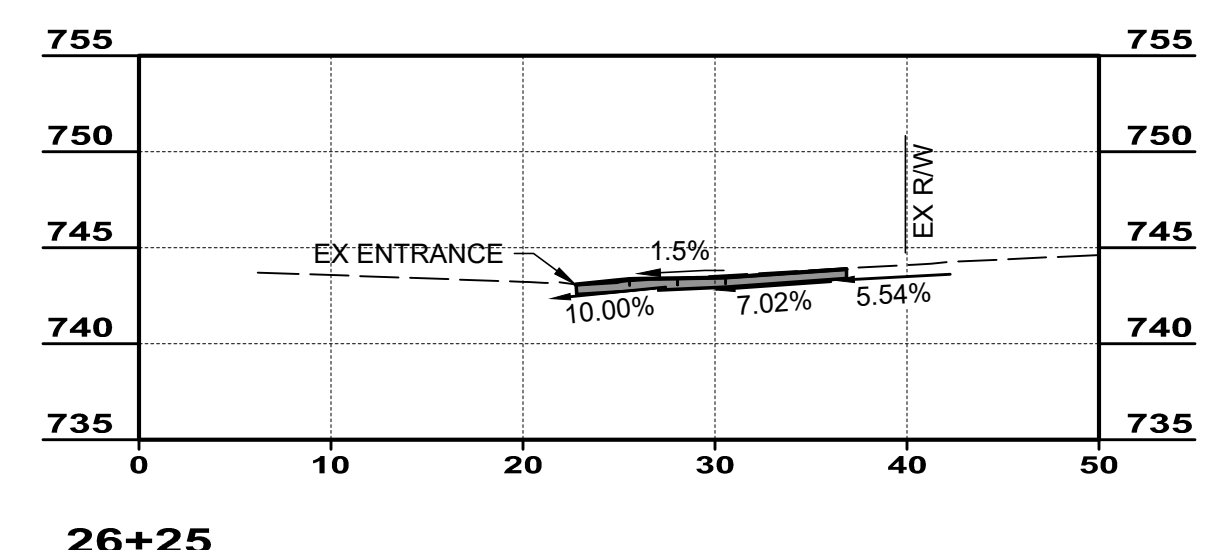
PROJECT NO:	
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DRAWING NAME	
PNP4	
SHEET	OF
9	9



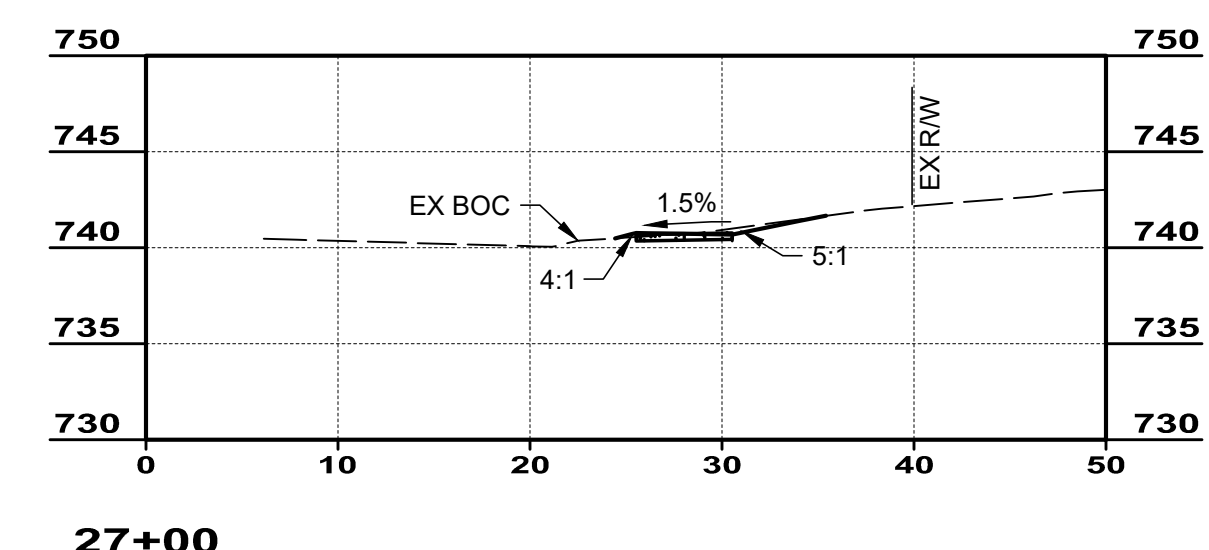
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PLAN EAST  
SCALE: 1"=20'

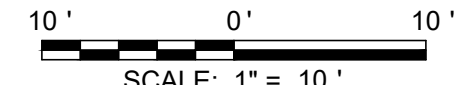


26+25



27+00

CROSS SECTION EAST  
SCALE: 1"=10'



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- INLET PROTECTION (SEE DETAIL)
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