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TRAFFIC MANAGEMENT PLAN

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PLAN AND PROFILE STRUCTURE NO.1

APPROACH SLAB AND RAIL DETAILS

PLAN AND PROFILE STRUCTURE NO. 2

PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE. THIS PROJECT TO BE CONSTRUCTED UNDER THE TDOT STANDARD SPECIFICATIONS

FOR ROAD AND BRIDGE CONSTRUCTION DATED JANUARY 1, 2021 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

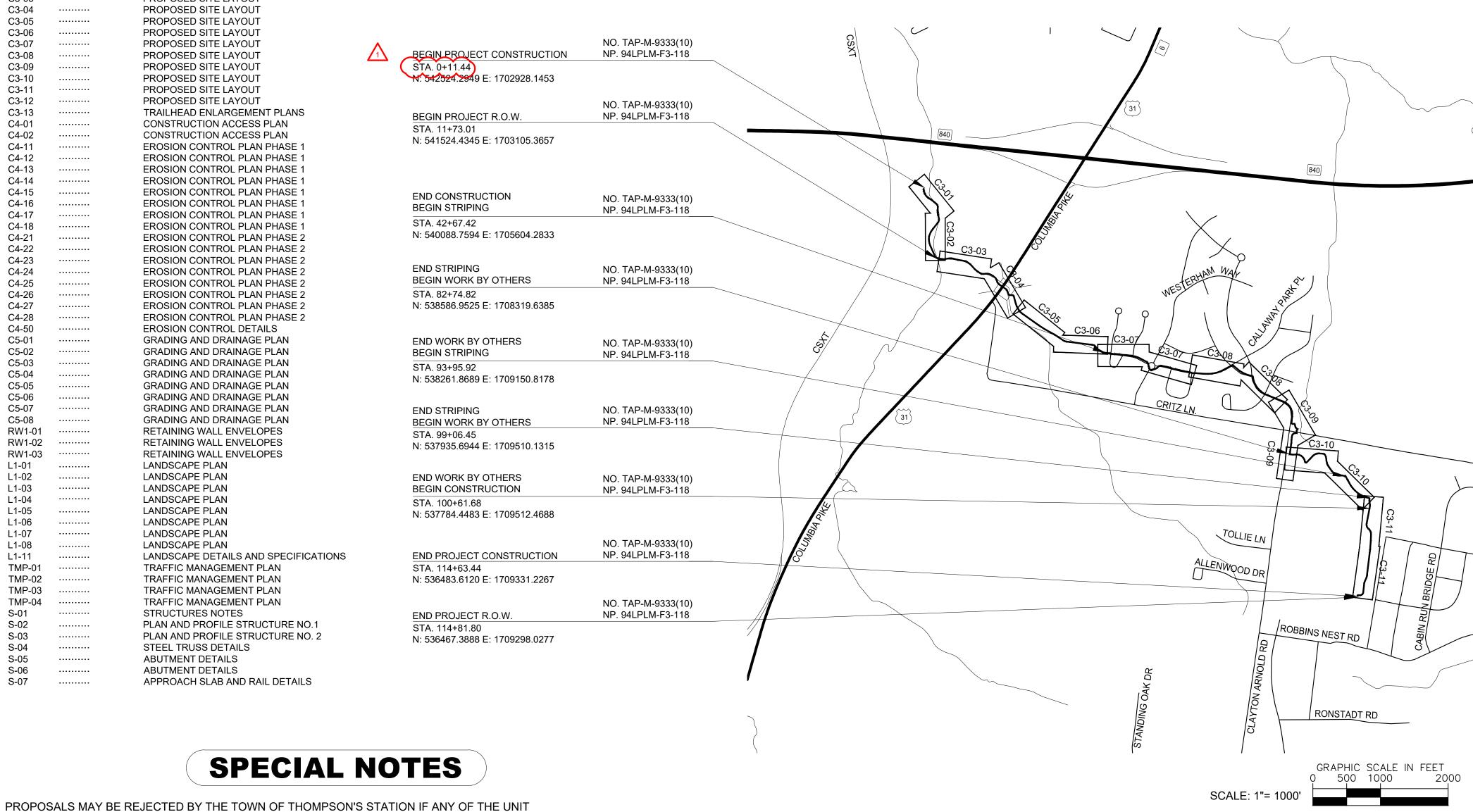
OWNER	TOWN OF THOMPSON'S STATION
DESIGNER	ALEX MCINTYRE, PE
CHECKED BY	ALISHA ELEY, PLA
KHA PROJECT NO.	118181003
TDOT PIN NO.	126661.01
TDOT CONTACT	SIMCHAH EDWARDS

TOWN OF THOMPSON'S STATION WILLIAMSON COUNTY

MULTI-MODAL CONNECTIVITY PHASE 3 NEAR SR-6 (COLUMBIA PIKE) IN THOMPSON'S STATION

FINAL CONSTRUCTION PLANS GRADE, DRAIN, BASE, PAVE, MARKING, SIGNING

STATE HIGHWAY NO. N/A US ROUTE NO. N/A



PROJECT LENGTH

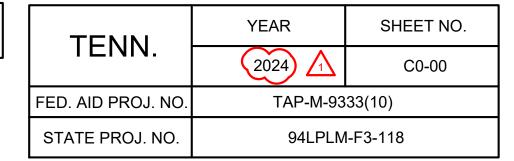
BRIDGE LENGTH R.O.W. LENGTH

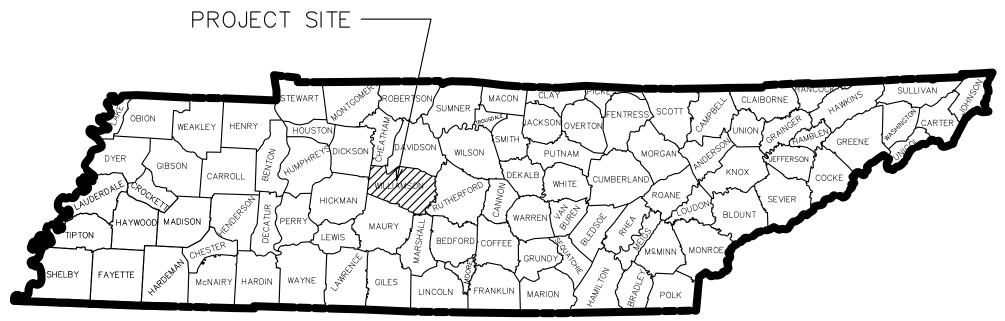
1.926 MILES 0.015 MILES 1.952 MILES

Know what's **below. Call** before you dig.

LOCALLY MANAGED PROJECT

LOCALLY LET PROJECT



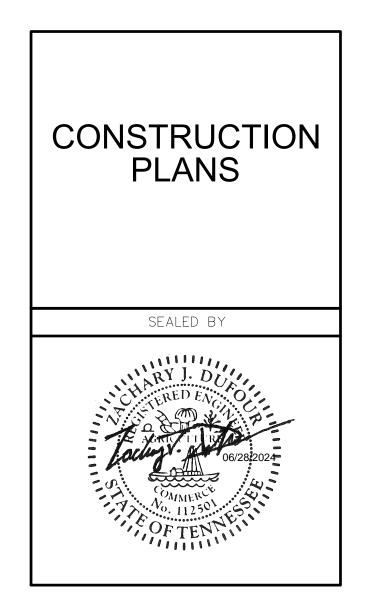


COLUMBIA PIKE AADT: 22,396 SPEED: 45 MPH CRITZ LANE AADT: N/A SPEED: 20 MPH

CLAYTON ARNOLD AADT: N/A SPEED: 35 MPH

DESIGN EXCEPTION APPROVED 10-04-2021

HORIZONTAL CURVE RADIUS EXCEPTION TWO CURVES SHOWN ON C3-04 (C319 AND C320) CAN NOT BE INCREASED TO 30' RADII DUE TO ROW CONSTRAINTS. EXCEPTION OF 27' RADII.



LC	OCAL GOVERNMENT APPROVAL
APPROVE	ED:
DA	TE:

S-07

GENERAL NOTES

GRADING

- 1. ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- 2. CERTIFICATION FOR ALL BORROW PITS MUST BE OBTAINED IN ACCORDANCE WITH SUBSECTION 107.06 OF THE STANDARD SPECIFICATIONS.
- 3. THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIAL EITHER ON OR OFF STATE-OWNED R.O.W. IN A REGULATORY FLOOD WAY AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) WITHOUT APPROVAL BY FEMA. ALL MATERIAL SHALL BE DISPOSED OF IN UPLAND (NON-WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT WATERCOURSE. THIS DOES NOT ELIMINATE THE NEED TO OBTAIN ANY OTHER LICENSES OR PERMITS THAT MAY BE REQUIRED BY ANY OTHER FEDERAL, STATE OR LOCAL AGENCY.

SEEDING AND SODDING

- 4. ITEM NO. 801-01.02, SHALL BE USED ON SLOPES 3:1 OR STEEPER AND OTHER AREAS AS INDICATED IN THE PLANS THAT ARE INACCESSIBLE FOR MOWING.
- 5. ITEM NO. 801-02, SEEDING (WITHOUT MULCH), SHALL BE USED WHERE EROSION CONTROL BLANKET OR SOD ARE NOT APPLIED.

MISCELLANEOUS

- 6. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES AND POSTS WHERE AND AS DIRECTED BY THE ENGINEER. COST TO BE INCLUDED IN PRICE BID FOR OTHER CONSTRUCTION ITEMS.
- 7. NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA.

FINAL PAVEMENT MARKING

8. PERMANENT PAVEMENT LINE MARKINGS SHALL BE 4" SPRAY THERMOPLASTIC (60 mil) INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-13.01, SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

RIPRAP

- 9. MACHINED RIPRAP SHALL BE IN ACCORDANCE WITH SECTION 709 OF THE STANDARD SPECIFICATIONS EXCEPT AS MODIFIED BY THIS NOTE. MACHINED RIPRAP SHALL BE CLEAN SHOT ROCK CONTAINING NO SAND, DUST, OR ORGANIC MATERIALS AND SHALL VARY IN SIZE FROM 2" TO 1'- 3". THE STONE SIZES SHALL BE DISTRIBUTED UNIFORMLY THROUGHOUT THE SIZE RANGE WITH NO MORE THAN 20% OF THE MATERIAL (BY WEIGHT) LESS THAN 4". THE THICKNESS OF THE STONE LAYER SHALL BE 1'- 6" (+/-3") AND THE SIZE GRADATION SHALL BE UNIFORMLY DISTRIBUTED THROUGHOUT THE LAYER THICKNESS AND FROM TOP TO BOTTOM OF THE SLOPE.
 - UPON COMPLETION OF THE PROJECT, A VISUAL INSPECTION SHALL REVEAL THAT APPROXIMATELY 50% OF THE SURFACE AREA CONSISTS OF STONES 2" OR LARGER. PAYMENT WILL BE MADE UNDER ITEM 709-05.06 MACHINED RIPRAP (CLASS A-1), C.Y., AND QUANTITIES WILL BE BASED ON THE AVERAGE THICKNESS OF 0'- 6".
- 10. RIPRAP SHALL CONSIST OF FURNISHING AND PLACING EITHER RUBBLE STONES BY HAND OR MACHINED. RUBBLE STONE SHALL MEET THE REQUIREMENTS OF SECTION 709 OF THE STANDARD SPECIFICATIONS AND SHALL BE CLEAN (FREE FROM ORGANIC MATTER), DURABLE, ANGULAR WITH FRACTURED FACES, NEARLY RECTANGULAR IN SHAPE WITH A BREADTH OR THICKNESS AT LEAST ONE-THIRD ITS LENGTH.
 - IF THE CONTRACTOR ELECTS TO USE MACHINED RIPRAP, IT SHALL BE IN ACCORDANCE WITH SECTION 709 OF THE STANDARD SPECIFICATIONS EXCEPT AS MODIFIED BY THIS NOTE. MACHINED RIPRAP SHALL BE CLEAN SHOT ROCK CONTAINING NO SAND, DUST, OR ORGANIC MATERIALS, AND SHALL VARY IN SIZE FROM 2" TO 1'- 3". THE STONE SIZES SHALL BE DISTRIBUTED UNIFORMLY THROUGHOUT THE SIZE RANGE WITH NO MORE THAN 20% OF THE MATERIAL (BY WEIGHT) LESS THAN 4". THE THICKNESS OF THE STONE LAYER SHALL BE 1'- 6" (+/-3") AND THE SIZE GRADATION SHALL BE UNIFORMLY DISTRIBUTED THROUGHOUT THE LAYER THICKNESS AND FROM TOP TO BOTTOM OF THE SLOPE. UPON COMPLETION OF THE PROJECT, A VISUAL INSPECTION SHALL REVEAL THAT APPROXIMATELY 50% OF THE SURFACE AREA CONSISTS OF STONES 2" OR LARGER. PAYMENT WILL BE MADE UNDER ITEM 709-05.06 AND QUANTITIES WILL BE BASED ON A THICKNESS OF 0'- 6".

- 11. THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS, EXCEPT THAT CUT-OUT DIRECT AND ALPHABET ACCESSORIES ON ALL EXTRUDED PANEL SIGNS SHALL BE DEMOUNTABLE AND ATTACHED TO THE SIGN FACE, AS OUTLINED IN THE STANDARD SPECIFICATIONS. ALL SHIELDS ON GUIDE SIGNS SHALL BE DEMOUNTABLE AND ATTACHED TO THE SIGN FACE AS OUTLINED IN THE STANDARD SPECIFICATIONS.
- 12. THE TOP OF THE SIGN FOOTINGS SHALL BE PLACED LEVEL WITH THE GROUND LINE.
- ORDERING ANY MATERIAL FOR THE SUPPORTS, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE TOWN OF THOMPSON'S
- DRAWINGS OF ALL EXTRUDED PANEL SIGNS WITH SPACING OF ALL LETTERS, NUMERALS, SHIELDS, AND ARROWS. ONE PDF SET OF THE LAYOUT DRAWINGS SHALL BE SENT TO THE TOWN OF THOMPSON'S STATION.
- 15. ALL SIGNS WHICH INTERFERE WITH CONSTRUCTION WILL BE RELOCATED OUTSIDE LIMITS OF CONSTRUCTION BY THE CONTRACTOR. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR WILL RESTORE THE SIGNS TO ORIGINAL LOCATION. THE CONTRACTOR SHALL CHECK WITH TOWN OF THOMPSON'S

- 16. ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.
- 17. IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.
- 18. A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.
- ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
- SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE
- 21. THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S
- 22. ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL
- 23. ALL DETOURS SHALL BE PAVED, STRIPED, SIGNED, AND FLEXIBLE DRUMS ARE TO BE IN PLACE BEFORE IT IS OPENED TO TRAFFIC.
- CONSTRUCTION SIGNS. THE COST OF THIS WORK SHALL BE INCLUDED IN ITEM NO. 712-06, SIGNS (CONSTRUCTION), S.F.

SIGNING

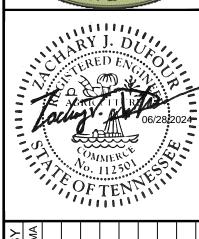
- APPLIED COPY SHALL BE USED ON ALL FLAT SHEET SIGNS WITH A GREEN BACKGROUND. THE LETTERS, DIGITS, ARROWS, BORDERS,
- 13. AFTER THE SIGN LOCATIONS HAVE BEEN STAKED, BUT PRIOR TO STATION.
- 14. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH LAYOUT
- STATION PRIOR TO MOVING ANY PERMANENT SIGNS.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- 19. TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR
- 20. USE OF BARRICADES, PORTABLE BARRIER RAILS, AND DRUMS
- LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR APPROVAL TO USE THEM.
- 24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAKING

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DATE	5/6/24									
REVISIONS	CONSTRUCTION PLAN RE-APPROVAL CHANGES									
No.	1	7	3	4	2	9	2	8	6	
DE	DESIGNED BY: AR									
DF	DRAWN BY: AR									

ORIGINAL APPROVED CONSTRUCTION PLAN SHEET FROM **SEPTEMBER 13, 2023**

THIS SHEET WAS NOT IMPACTED BY REDESIGNED SECTION STARTING AT STATION 0+11.44 THROUGH STATION 12+35 FOR THE MAY 23, 2024 INITIAL SUBMITTAL PLAN SET

SHEET NUMBER C0-01

KIMLEY-HORN PROJECT NO. 118181003

GENERAL NOTES

CHECKED BY:

- 1. THE GRADING TABULATIONS AND RESULTING EARTHWORK ASSOCIATED BID QUANTITIES WERE PREPARED UTILIZING AVAILABLE GEOTECHNICAL INFORMATION AND/OR REPORTS PREPARED FOR THIS PROJECT. THIS INFORMATION IS PROVIDED FOR GENERAL INFORMATION AND ESTIMATION GUIDANCE ONLY.
- 2. BORING DEPICTIONS SHOWN ON THE FOUNDATION DATA SHEETS, SOILS SHEETS, PLANS, AND CROSS-SECTIONS INDICATE SOIL AND ROCK CONDITIONS AT THE SPECIFIC BORING LOCATIONS. ANY SOIL PROFILE AND/OR ROCK LINE IS INTERPRETIVE BASED ON THE JUDGMENT OF THE GEOTECHNICAL ENGINEER/GEOLOGIST. THE TRANSITION BETWEEN BORINGS AND LAYERS MAY VARY SIGNIFICANTLY DEPENDING ON THE GEOLOGIC FORMATIONS
- 3. THE CONTRACTOR SHALL UTILIZE ALL INFORMATION PROVIDED IN THE PLANS, CROSS-SECTIONS AND CONTRACT DOCUMENTS INCLUDING ANY SPECIAL PROVISIONS AS WELL AS UTILIZING HIS PAST EXPERIENCE WITH PROJECTS OF SIMILAR NATURE, SCOPE AND LOCATION IN PREPARATION OF HIS BID FOR EARTHWORK ITEMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND PROVIDE EQUIPMENT AND MEANS NECESSARY TO CONDUCT THE EXCAVATION ACTIVITIES IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- 4. EARTHWORK IS PAID FOR UNDER ITEM NO. 203-01, ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED). NO ADDITIONAL PAYMENT WILL BE MADE FOR EARTHWORK QUANTITIES BASED SOLELY ON A CLAIM THAT THE QUANTITIES SHOWN IN THE GRADING TABULATION OR ELSEWHERE IN THE PLANS ARE INACCURATE WITH RESPECT TO THE TYPE OF MATERIALS ENCOUNTERED DURING CONSTRUCTION EXCEPT AS PROVIDED FOR BY SECTION 104.02 IN THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS AMENDED IN SUPPLEMENTAL SPECIFICATIONS.

RETAINING WALLS

- 5. THE OPTIONS FOR RETAINING WALL TYPES SHALL BE LIMITED TO THE APPROVED
- ALTERNATIVES AS SPECIFIED ON THE RETAINING WALL SHEET(S). 6. VALUE ENGINEERING CHANGE PROPOSALS WILL NOT BE ACCEPTED FOR RETAINING WALLS ITEM NO.604-07.02 (11+07.88-12+20.83, 11+78.04-12+51.79, 12+39.34-12+51.93, 13+02.23-13+09.94, 18+57.70-20+43.87).
- 7. ALL COST OF BUILDING, INSTALLING AND BACKFILLING THE RETAINING WALL, INCLUDING GRANULAR BACKFILL, GEOTEXTILE FABRIC (TYPE IV), LEVELING PAD, AMD MOMENT SLAB, SHALL BE INCLUDED IN THE COST OF THE RETAINING. COSTS FOR EXCAVATION OF THE WALL SHALL BE INCLUDED IN ITEM NO. 203-01, ROAD AND DRAINAGE EXCAVATION PER CUBIC YARD. END AREAS FOR EXCAVATION FOR THE WALL SHALL BE INCLUDED IN END AREA TOTALS ON CROSS-SECTIONS.

RIGHT-OF-WAY

- 8. ALL RAMPS MUST CONFORM TO THE DEPARTMENT'S "POLICY ON FINANCING CONSTRUCTION OF PUBLIC ROAD INTERSECTIONS AND DRIVEWAYS ON HIGHWAY RESURFACING, RECONSTRUCTION AND CONSTRUCTION PROJECTS ON NEW LOCATIONS". THE MANUAL ON RULES AND REGULATIONS FOR CONSTRUCTING DRIVEWAYS ON STATE HIGHWAY RIGHT-OF-WAY, STANDARD DRAWING RP-R-1, AND OTHER ACCEPTED DESIGN AND SAFETY STANDARDS.
- 9. EXISTING PAVED DRIVEWAY PER TRACT REMAINDER WILL BE REPLACED IN KIND TO A TOUCHDOWN POINT.
- 10. WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY EXCEEDS 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED TO A TOUCHDOWN POINT OR UNTIL THE GRADE IS LESS THAN 7 PERCENT.
- 11. WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY IS LESS THAN 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED A SHOULDER WIDTH FROM THE EDGE OF PAVEMENT AND THE REMAINDER OF THAT DRIVEWAY REPLACED IN KIND TO A TOUCHDOWN POINT.
- 12. ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.
- 13. ON NON-STATE ROUTES, ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS SHALL REQUIRE A PERMIT ONLY IF THE LOCAL AGENCY SPECIFIES THE NEED FOR THAT PERMIT.

UTILITY

- 14. THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS, AND/OR MAPS PREPARED BY OTHERS. THEREFORE, RELIANCE UPON THE TYPE, SIZE, AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION, AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. IN TENNESSEE, IT IS A REQUIREMENT, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE (3) OR NOT MORE THAN TEN (10) WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- 15. UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR ITS REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.
- 16. THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- 17. PRIOR TO SUBMITTING HIS BID. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE. OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.
- 18. THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC AT 1-800-351-1111 WILL BE REQUIRED.

UTILTY OWNERS

H.B. & T.S. UTILITY DISTRICT 505 DOWNS BLVD, FRANKLIN, TN 37064 PHONE: 615-794-7796

WASTEWATER

THOMPSON'S STATION WASTEWATER PHONE: 615-794-4333 EXT. 11

ELECTRIC

MIDDLE TENNESSEE ELECTRIC PHONE: 615-794-3561 EMAIL: INFO@MTEMC.COM

PHONE: 800-288-2020

MIDDLE TENNESSEE ELECTRIC / ATT PHONE: 615-794-3561 / 800-288-2020

EMAIL: INFO@HBTSUD.COM

ATMOS ENERGY PHONE: 615-794-2596

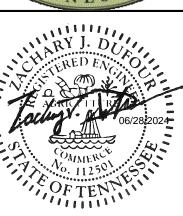
TELEPHONE

EMAIL: INFO@MTEMC.COM

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KEVISIONS	CONSTRUCTION PLAN RE-APPROVAL CHANGES								
DAIE	5/6/24								

DESIGNED BY: DRAWN BY CHECKED BY:

SPECIAL NOTES

KIMLEY-HORN PROJECT NO. 118181003

> SHEET NUMBER **C0-02**

FOOTNOTE	ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
-	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1.00
-	201-01	CLEARING AND GRUBBING	LS	1.00
-	202-01.13	REMOVAL OF PIPE (12", 00+45)	LF	27.00
<u>-</u>	202-01.14	REMOVAL OF PIPE (16", 01+74)		21.00
-	202-01.15	REMOVAL OF PIPE (18", 04+47)		21.00
-	202-02.01	REMOVAL OF PIPE (18", 10+68)	LF	20.00
1	202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	SY	2,275.56
2	202-08.10	REMOVAL OF CURB (6" CURB)		24.00
3	203-01	ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED)	CY	4,722.78
4	203-01.04	REMOVAL OF ROCK PAD		42.17
5	203-02.02	BORROW EXCAVATION (GRADED SOLID ROCK)		480.00
-	203-07	FURNISHING & SPREADING TOPSOIL	CY	870.56
6	209-05	SEDIMENT REMOVAL	CY	87.40
7	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	LF	4,579.00
8	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D		3,255.00
8	307-01.08	ASPHALT CONCRETE MIX (PG64-22 BPMB-HM) GRADING B-M2		1,223.00
8	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	11.00
8	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	3.00
8	411-01.11	ACS MIX (PG64-22) GRADING E RDWY	TON	575
9	602-03.02	PEDESTRIAN BRIDGE	LS	1.00
10	602-03.03	PEDESTRIAN BRIDGE	LS	1.00
11	604-01.20	BOX TUBE SAFETY RAIL	LF	910.00
-	604-07.02	RETAINING WALL (STANDARD GRAVITY-TYPE RETAINING WALLS W-SG-1) (11+07.88-12+20.83, 11+78.04-12+51.79, 12+39.34-12+51.93, 13+02.23-13+09.94, 18+57.70-20+43.87)		1,500.00
12	607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	LF	45.00
12	607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)		60.00
<u>-</u>	611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1		2.00
<u>-</u>	611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1		2.00
13	701-01.01	CONCRETE SIDEWALK (4")		1,241.00
14	701-02.03	CONCRETE CURB RAMP		91.00
15	707-06.01	REMOVAL OF FENCE (13+00 to 42+00)		445.00
16	707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	LF	6,950.00
17	709-05.06	MACHINED RIP-RAP (CLASS A-1)		817.00
_	712-01	TRAFFIC CONTROL	LS	1.00
18	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)		80.00
18	712-06	SIGNS (CONSTRUCTION)		203.00
19	713-15.02	REMOVAL AND RELOCATION OF SIGN AND SUPPORT		2.00
-	713-16.20	SIGNS (MUTCD SIGN - W11-1)		1.00
-	713-16.21	SIGNS (MUTCD SIGN - R4-11)		7.00
-	713-16.22	SIGNS (MUTCD SIGN - D11-1)		9.00
-	713-16.23	SIGNS (MUTCD SIGN - W16-7P)		1.00
-	713-16.24	SIGNS (MUTCD SIGN - W1-2a)	EACH	8.00
-	713-16.25	SIGNS (MUTCD SIGN - W1-4)	EACH	1.00
20	713-16.26	SIGNS (MUTCD SIGN - R7-8)	EACH	1.00
-	713-16.27	SIGNS (MUTCD SIGN - R7-8A)	EACH	1.00
-	713-16.28	SIGNS (MUTCD SIGN - M5-1R)		2.00
21	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)		230.00
21	716-04.10	PLASTIC PAVEMENT MARKING (HANDICAP SYMBOL)		2.00
21	716-04.15	PLASTIC PAVEMENT MARKING (BIKE SYMBOL/ARROW SHARED)		19.00
-	716-05.50	PAINTED PAVEMENT MARKINGS (8" LINE)		134.00
-	717-01	MOBILIZATION		1.00
-	721-01.01	BENCH		6.00
-	721-01.02	TRASH RECEPTACLE		3.00
22	740-10.03	GEOTEXTILE (TYPE III EROSION CONTROL)		500.00
-	801-01.02	CROWN VETCH MIXTURE (WITH MULCH)		145.00
-	801-02	SEEDING (WITHOUT MULCH)	UNIT	141.00
-	801-03	WATER (SEEDING & SODDING)		15.00
23	802-01.10	TREES (CERCIS CANADENSIS 1.5"-2" CAL. B&B)		9.00
<u> </u>	802-01.11	TREES (MAGNOLIA GRANDIFLORA 'LITTLE GEM' 2" CAL; 6-8' HT.)		2.00
-	802-04.01	GROUND COVER (RUDBECKIA FULGIDA 'GOLDSTRUM' #1 CONT.)		2.44
24	055 02 01	EENCE		1 550 00

955-02.01

	FOOTNOTES
1	REMOVAL OF EXISTING ASPHALT DRIVE (SHEET C2-01) AND PAVERS SHOWN (SHEET C2-04)
2	REMOVAL OF CURB ALONG PROPOSED CURB RAMPS (SHEET C2-04)
3	INCLUDES EXCAVATION FOR SIDEWALK SECTION, ALL CUT AREAS, AND EXCAVATION OF GRAVEL AREAS AND DRIVEWAYS. INCLUDES EXCAVATION OF FIRST 6" OF TOPSOIL ON SITE AND STOCKPILE OF MATERIAL
4	REMOVAL OF GRAVEL (SHEET C2-03)
5	SURGE STONE OR SHOT ROCK SHALL BE USED FOR THIS LINE ITEM TO BACKFILL ANY AREAS OF THE TRAIL THAT HAVE BEEN UNDERCUT DUE TO POOR SOILS
6	TDOT DRAINAGE MANUAL 10.04.6.2, ASSUME 34 CY OF SEDIMENT PER ACRE OF DISTURBED AREA
7	SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT. ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.
8	SEE ASPHALT FULL DEPTH PAVEMENT SECTION (SHEET C0-04)
9	STRUCTURE #1, SEE STRUCTURES SHEETS (S-01 - S-07)
10	STRUCTURE #2, SEE STRUCTURES SHEETS (S-01 - S-07)
11	TDOT STD DETAIL MM-BPR-1. LABELED "F" ON PROPOSED SITE LAYOUT PLANS (C3-01-C3-12)
12	TDOT STANDARD DESIGN GUIDELINES CHAPTER 7-204.01, BEDDING MATERIALS SHALL BE INCLUDED IN THE COST OF PIPE.
13	ITEM NUMBER INCLUDES 4" BASE STONE AND WELDED WIRE MESH
14	ITEM NUMBER SHALL CONSIST OF CONCRETE FOR CURB RAMPS, INCLUDING 4" OF BASE STONE, WELDED WIRE MESH PER THE STANDARD SIDEWALK DETAIL AND DETECTABLE WARNING SURFACES.
15	SEE SHEETS C2-02 AND C2-03
16	SEE LANDSCAPING PLANS
17	INCLUDES CONSTRUCTION ENTRANCE, OUTLET PROTECTION, AND STABILIZATION FOR BRIDGE END BENTS
18	SEE SHEETS TMP-01 - TMP-04. TEMPORARY TRAFFIC CONTROL SIGNS INCLUDE: W20-1, W20-4, W3-2, R1-2, R1-2AP, W1-4, W20-7, AND G20-2
19	ITEM NUMBER INCLUDES RELOCATION OF EXISTING SIGN AND SUPPORT TO A NEW LOCATION AS INDICATED ON THE PLANS.
20	VAN ACCESSIBLE PARKING SPOTS SHOWN ON SHEET C3-12
21	CONTRACTOR MAY ELECT TO SUBSTITUTE PERFORMED PLASTIC FOR THERMOPLASTIC. PERFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE. BID FOR THERMOPLASTIC
22	GEOTEXTILE FABRIC PROPOSED UNDER OUTLET DISSIPATION AND CONSTRUCTION ENTRANCE RIP RAP
23	INCLUDES PLANTING / STAKING
24	SEE SHEET C0-04



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REVISIONS	CONSTRUCTION PLAN RE-APPROVAL CHANGES									
DATE	5/6/24									

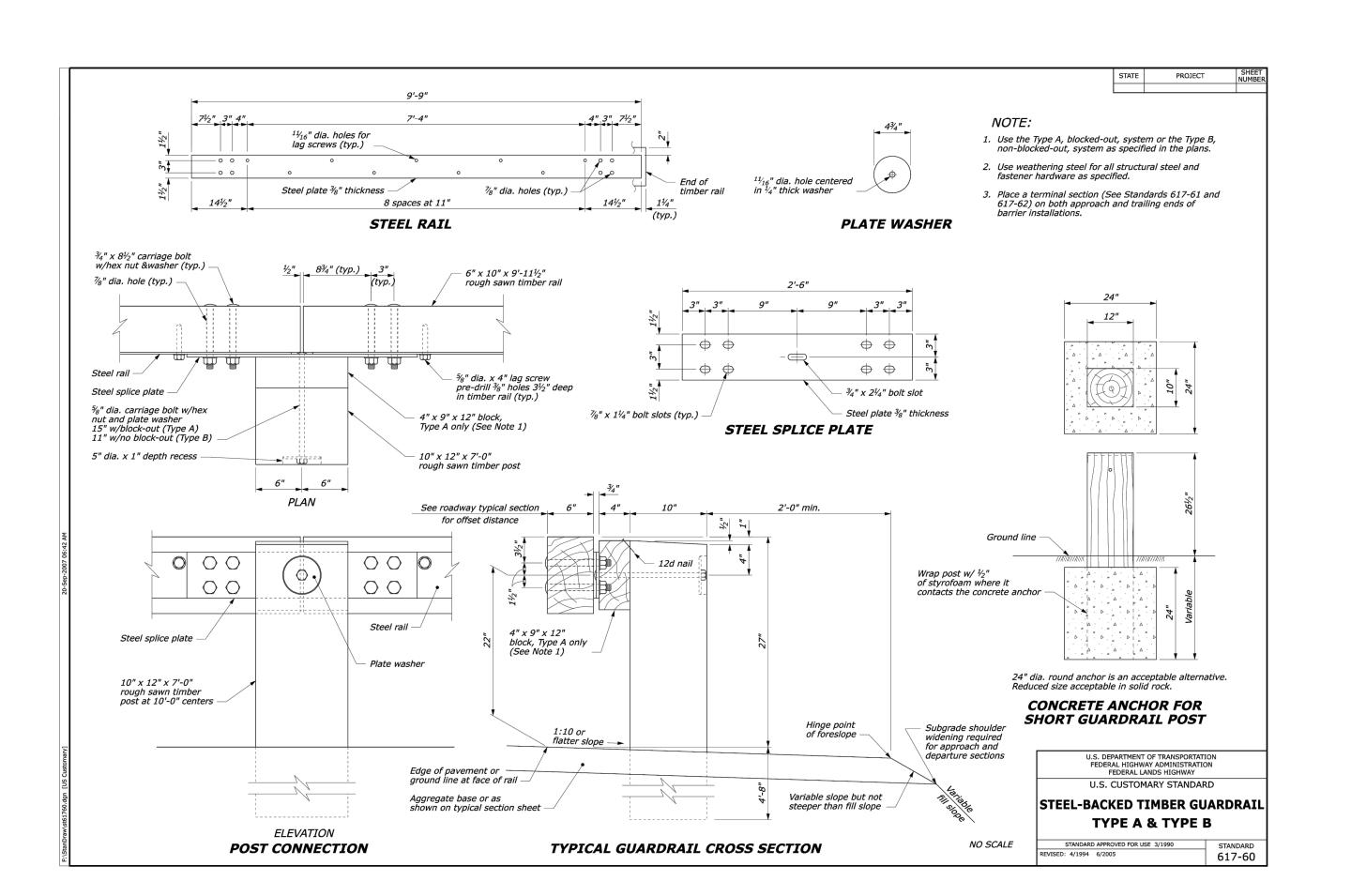
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ESTIMATED QUANTITIES

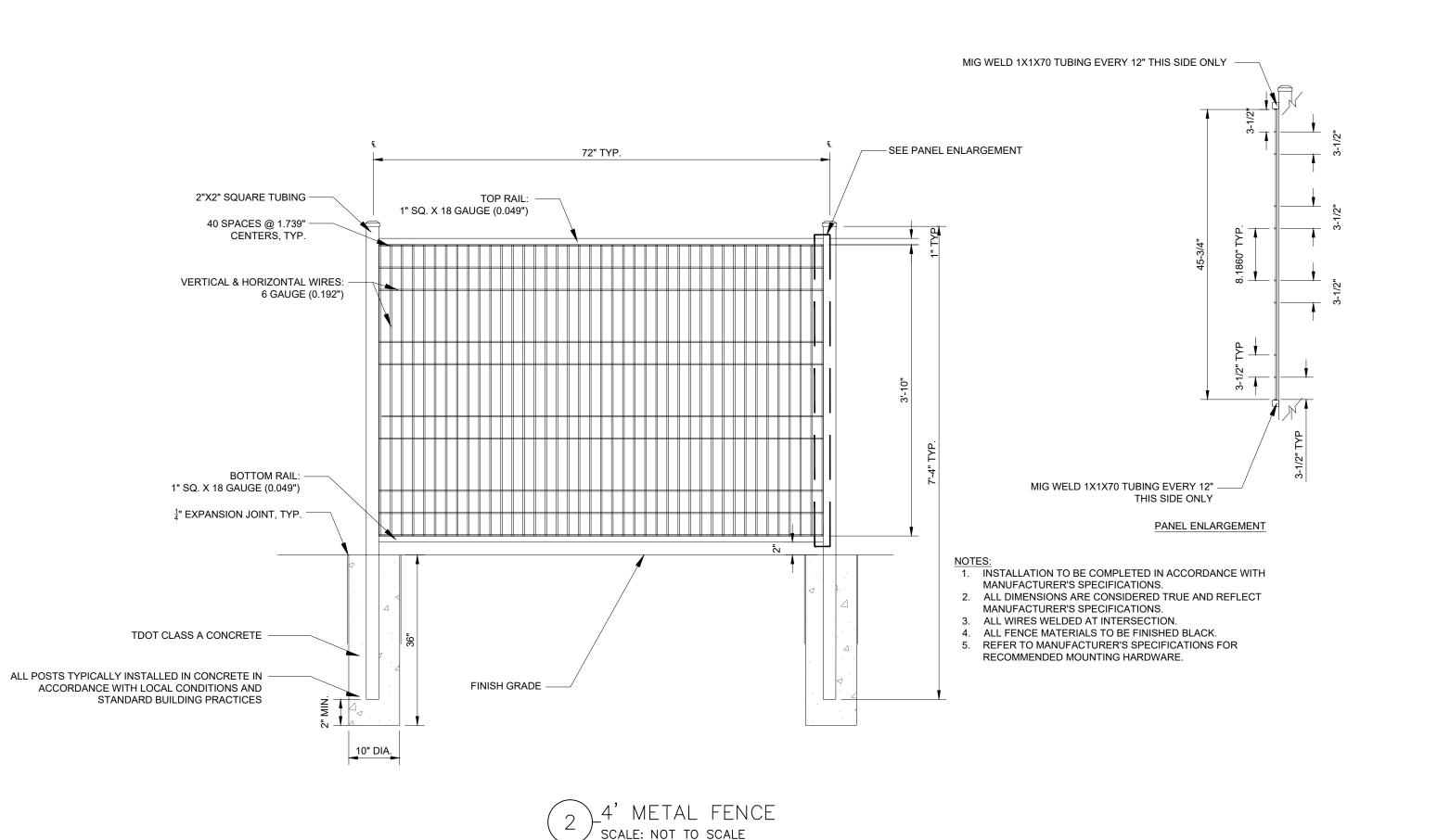
SHEET NUMBER C0-03

Drawing name: K:\NSH_LDEV\118181003 - TS Greenway Phase 3\4-CADD\PlanSheets\C0-03 ESTIMATED QUANTITIES.dwg C0-03 ESTIMATED QUANTITIES Jun 10, 2024 2:22pm by: Ashley.Akers

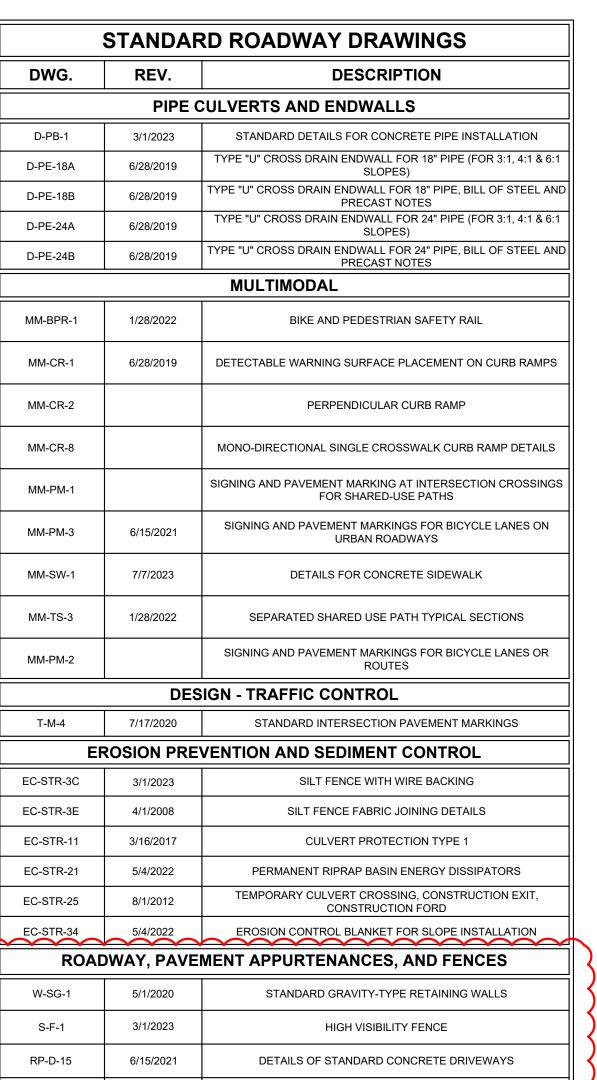
FENCE L.F. 1,550.00







DWG.	REV.	DESCRIPTION
	PIPE	CULVERTS AND ENDWALLS
D-PB-1	3/1/2023	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PE-18A	6/28/2019	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE (FOR 3:1, 4:1 & 6: SLOPES)
D-PE-18B	6/28/2019	TYPE "U" CROSS DRAIN ENDWALL FOR 18" PIPE, BILL OF STEEL AN
D-PE-24A	6/28/2019	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE (FOR 3:1, 4:1 & 6: SLOPES)
D-PE-24B	6/28/2019	TYPE "U" CROSS DRAIN ENDWALL FOR 24" PIPE, BILL OF STEEL AN
	•	MULTIMODAL
MM-BPR-1	1/28/2022	BIKE AND PEDESTRIAN SAFETY RAIL
MM-CR-1	6/28/2019	DETECTABLE WARNING SURFACE PLACEMENT ON CURB RAMPS
MM-CR-2		PERPENDICULAR CURB RAMP
MM-CR-8		MONO-DIRECTIONAL SINGLE CROSSWALK CURB RAMP DETAILS
MM-PM-1		SIGNING AND PAVEMENT MARKING AT INTERSECTION CROSSING FOR SHARED-USE PATHS
MM-PM-3	6/15/2021	SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES ON URBAN ROADWAYS
MM-SW-1	7/7/2023	DETAILS FOR CONCRETE SIDEWALK
MM-TS-3	1/28/2022	SEPARATED SHARED USE PATH TYPICAL SECTIONS
MM-PM-2		SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES OR ROUTES
	DE	SIGN - TRAFFIC CONTROL
T-M-4	7/17/2020	STANDARD INTERSECTION PAVEMENT MARKINGS
El	ROSION PRI	EVENTION AND SEDIMENT CONTROL
EC-STR-3C	3/1/2023	SILT FENCE WITH WIRE BACKING
EC-STR-3E	4/1/2008	SILT FENCE FABRIC JOINING DETAILS
EC-STR-11	3/16/2017	CULVERT PROTECTION TYPE 1
EC-STR-21	5/4/2022	PERMANENT RIPRAP BASIN ENERGY DISSIPATORS
EC-STR-25	8/1/2012	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-34	5/4/2022	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION
ROAI	DWAY, PAVE	EMENT APPURTENANCES, AND FENCES
W-SG-1	5/1/2020	STANDARD GRAVITY-TYPE RETAINING WALLS
S-F-1	3/1/2023	HIGH VISIBILITY FENCE
RP-D-15	6/15/2021	DETAILS OF STANDARD CONCRETE DRIVEWAYS
RP-VC-10	3/4/2021	VERTICAL CONCRETE CURBS AND CURB AND GUTTER (FOR 8" TO 12" GUTTER DEPTH)



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DATE	5/6/24								
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NAD83

SITE DETAILS

KIMLEY-HORN PROJECT NO. 118181003

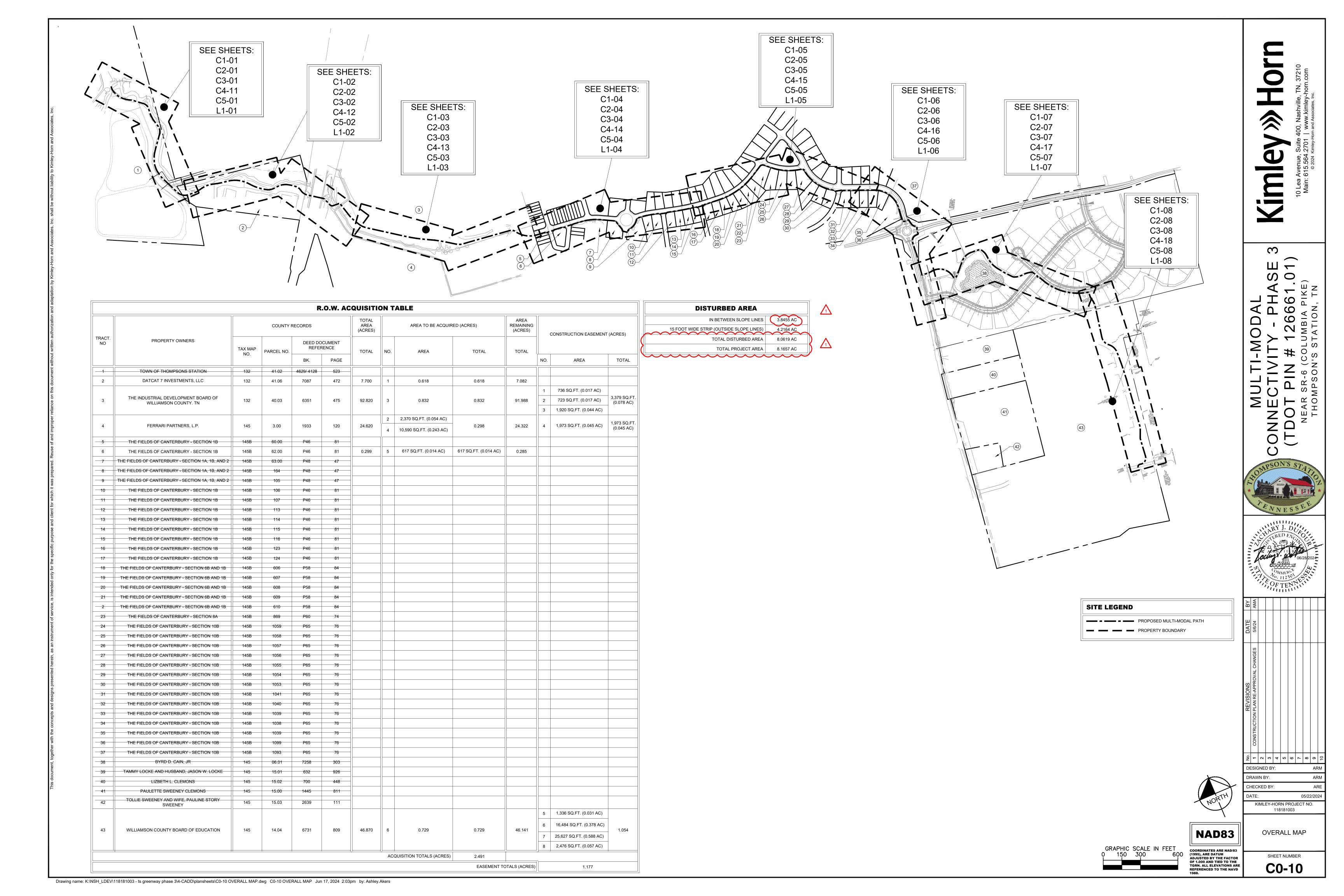
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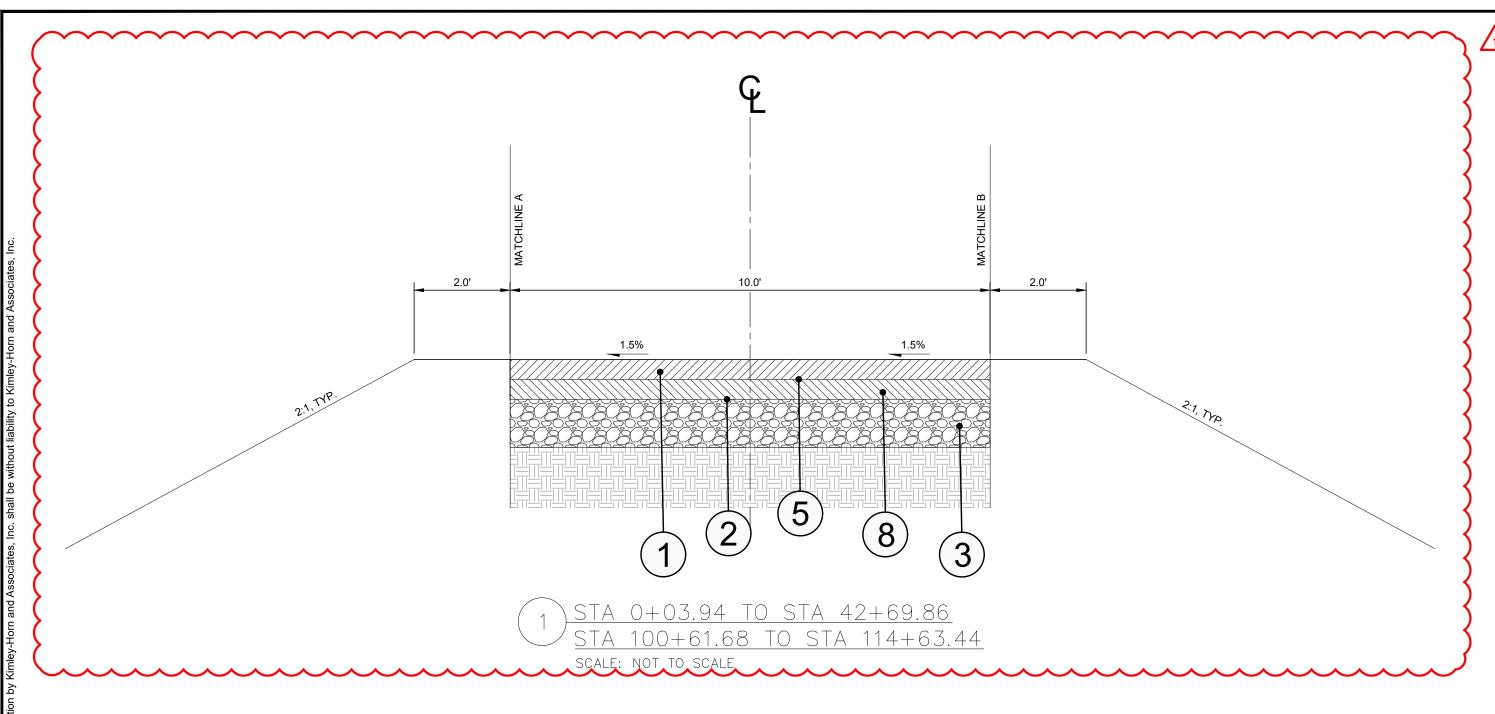
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SHEET NUMBER

COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.



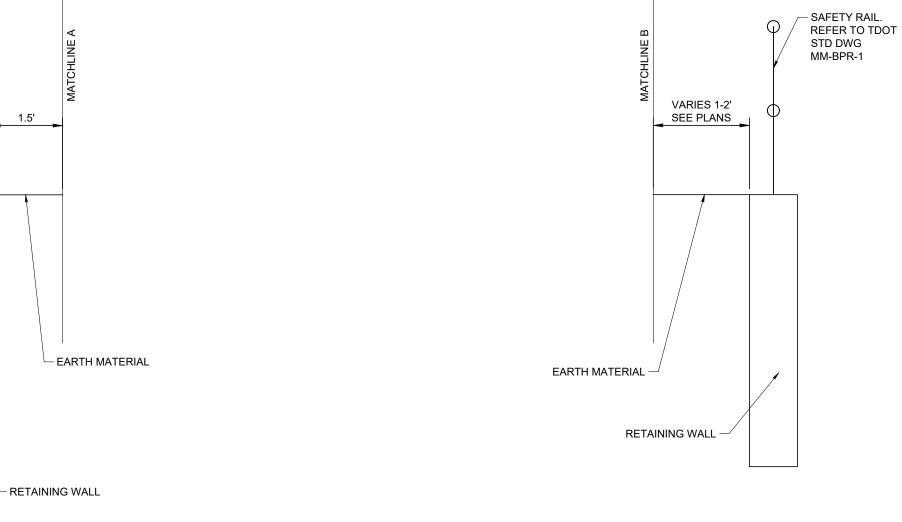


SAFETY RAIL. REFER TO — TDOT STD DWG MM-BPR-1 EARTH MATERIAL

(1A) STA 1+43.78 TO STA 1+86.12 (SAFETY RAIL ONLY)

STA 11+78.63 TO STA 12+51.54 STA 13+02.25 TO STA 13+09.94 STA 18+57.71 TO STA 20+43.87

STA 106+32.52 TO STA 111+83.07 (SAFETY RAIL ONLY) SCALE: NOT TO SCALE



1B STA 12+39.35 TO STA 12+51.93 scale: NOT TO SCALE

PROPOSED PAVEMENT SCHEDULE

	1	ASPHALTIC CONCRETE SURFACES (HM) AT 1.5" IN. THICK (APPROX. 159 LBS/SY) ITEM NO. 411-01.11 ACS MIX (PG64-22) GRADING E RDWY
	2	PRIME COAT ITEM NO. 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) (APPROX. 0.30-0.35 GAL/SY)
Λ	3	MINERAL AGGREGATE BASE AT 8 IN. THICK ITEM NO. 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
Z1\(\)	4	ITEM NOT USED
•	5	TACK COAT ITEM NO. 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) (APPROX. 0.05-0.10 GAL/SY) (GENERAL USE). SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD.
$\frac{1}{2}$	6	ITEM NOT USED
>	7	ITEM NOT USED
	8	BITUMINOUS PLANT MIX BASE (HM) AT 3 IN. THICK (APPROX. 339 LBS/SY) ITEM NO. 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMP-HM) GRADING B-M2

NOTES:

1. SEE DETAIL 5 ON THIS SHEET FOR CONCRETE SCORING AND JOINT INFORMATION.

2. SEE THIS SHEET FOR PAVEMENT SCHEDULE.

2. SEE THIS SHEET FOR PAVEMENT SCHEDULE.

3. CONCRETE SIDEWALK PAY ITEM (ITEM NO. 701-01.01) SHALL INCLUDE THE NO. 57

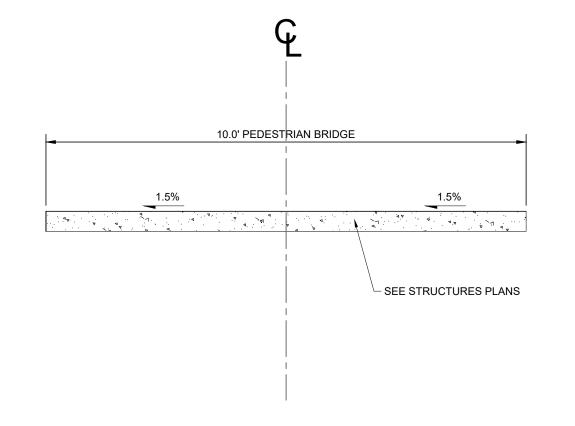
BASE STONE AND THE WELDED WIRE MESH.

6. SEE PLANS FOR VARYING CROSS SLOPES.

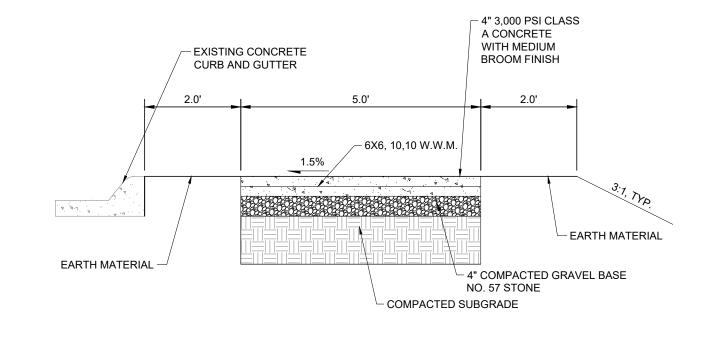
	1	ASPHALTIC CONCRETE SURFACES (HM) AT 1.5" IN. THICK (APPROX. 159 LBS/SY) ITEM NO. 411-01.11 ACS MIX (PG64-22) GRADING E RDWY
	2	PRIME COAT ITEM NO. 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) (APPROX. 0.30-0.35 GAL/SY)
Λ	3	MINERAL AGGREGATE BASE AT 8 IN. THICK ITEM NO. 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D
$\frac{21}{3}$	4	ITEM NOT USED
^	(5)	TACK COAT ITEM NO. 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) (APPROX. 0.05-0.10 GAL/SY) (GENERAL USE). SEE 403.05 FOR DETERMINING APPLICATION RATE IN THE FIELD.
$\langle 1 \rangle$	(6)	ITEM NOT USED
>	7	ITEM NOT USED
	8	BITUMINOUS PLANT MIX BASE (HM) AT 3 IN. THICK (APPROX. 339 LBS/SY) ITEM NO. 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMP-HM) GRADING B-M2
•		

 ALL OTHER COMPONENTS TO FOLLOW TDOT STD DRAWING MM-SW-1.
 SIDEWALK CROSS SLOPE TO BE 1.5% MAX TOWARDS THE ADJACENT ROADWAY. SIDEWALK RUNNING SLOPE TO MATCH OR BE LESS THAN ADJACENT ROADWAY

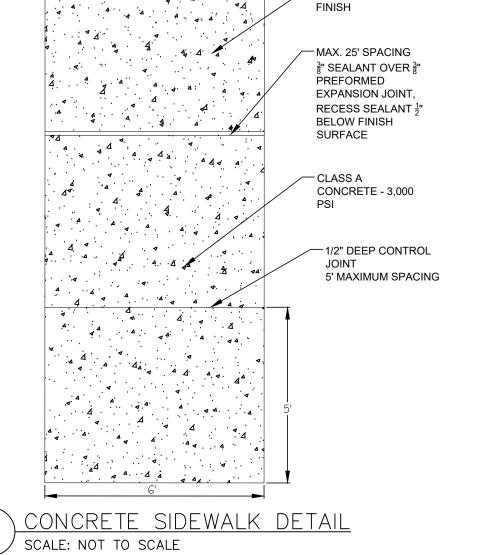
7. SLOPE GREENWAY AND SHOULDERS PER PLANS. 8. SEE WALL PLANS FOR WALL TYPE.







STA 44+10.00 TO STA 45+14.00 SCALE: NOT TO SCALE



- MEDIUM BROOM

9. PAVEMENT EDGE SLOPES ARE 1:1 UNLESS OTHERWISE NOTED.

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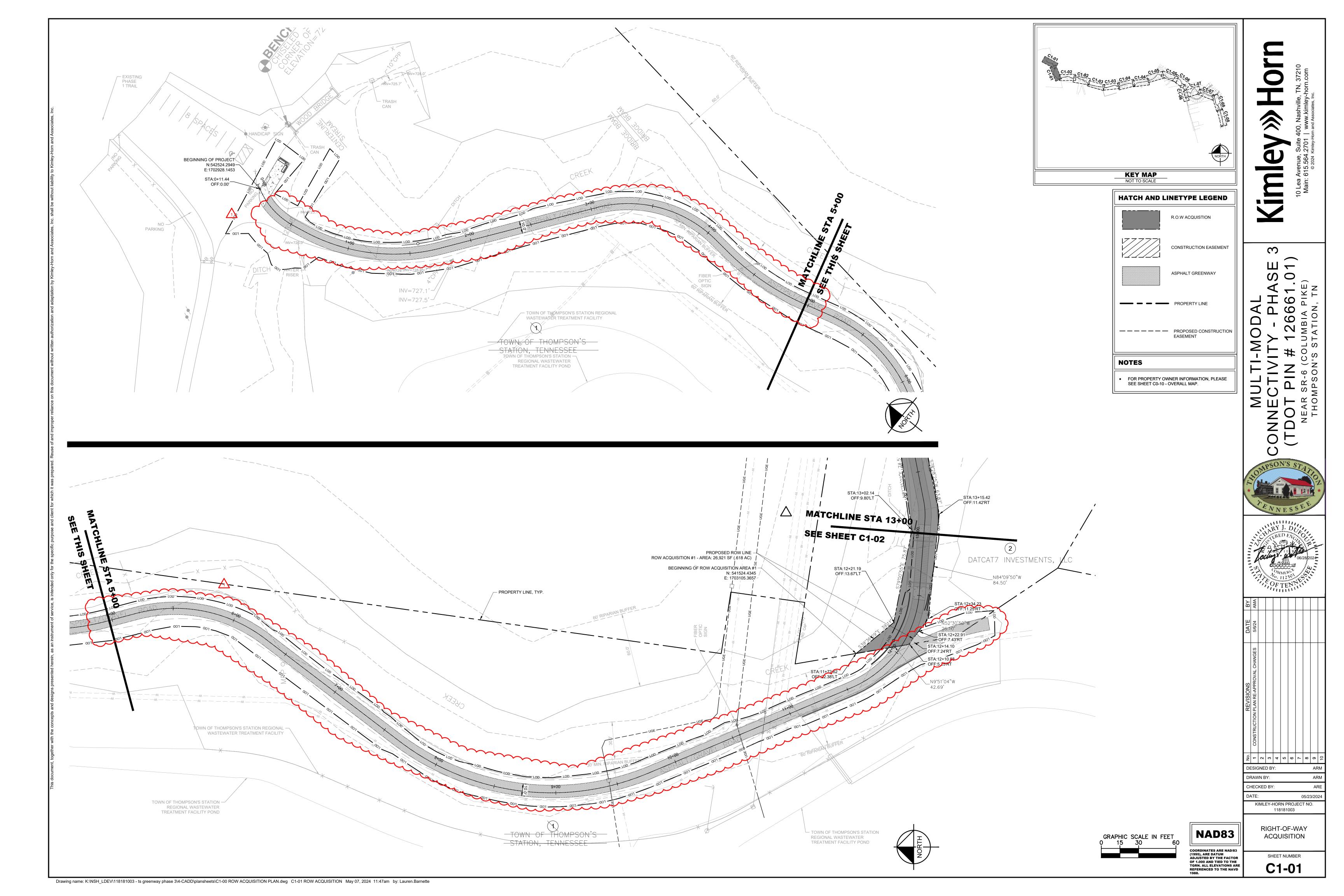
NAD83

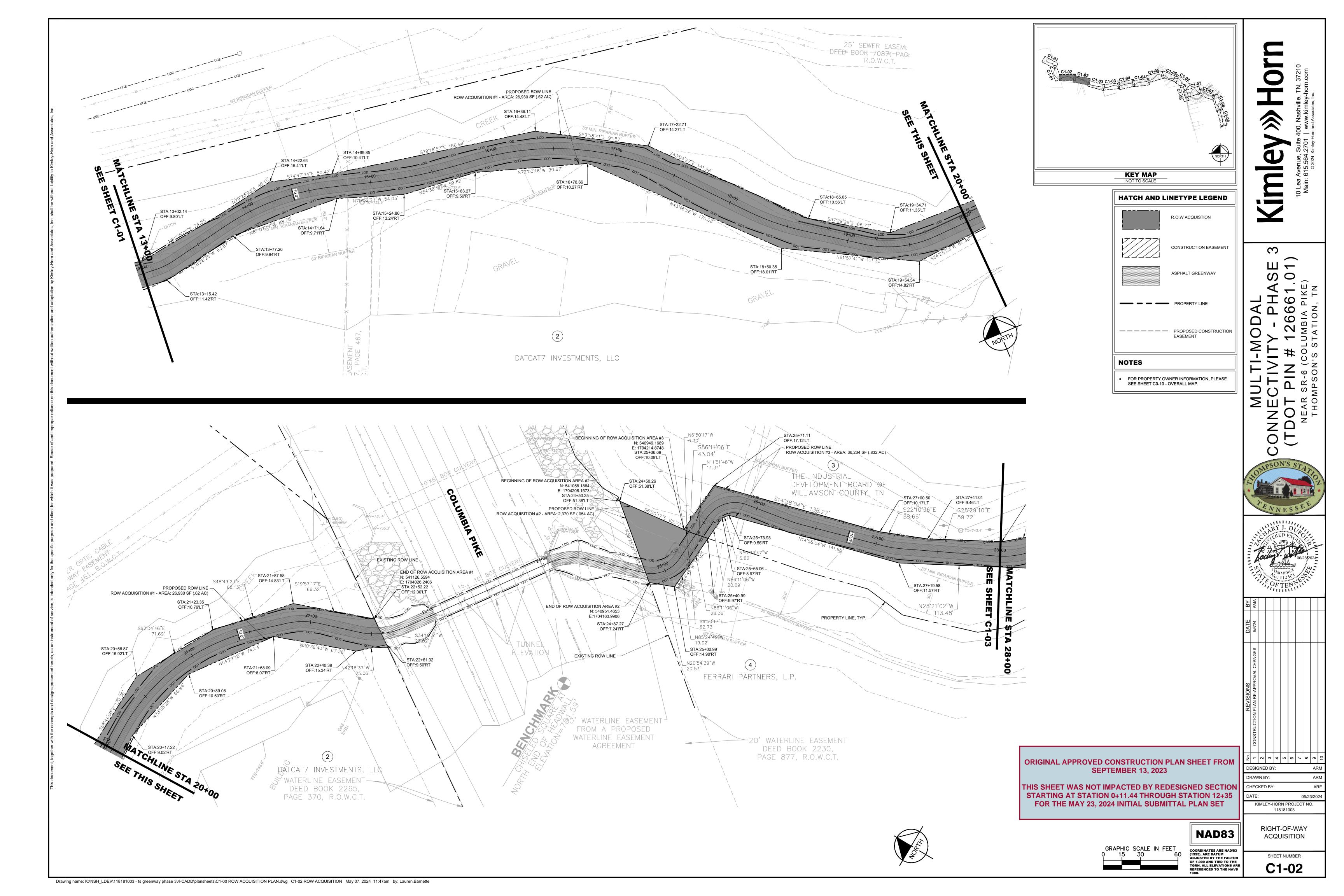
SHEET NUMBER C0-11

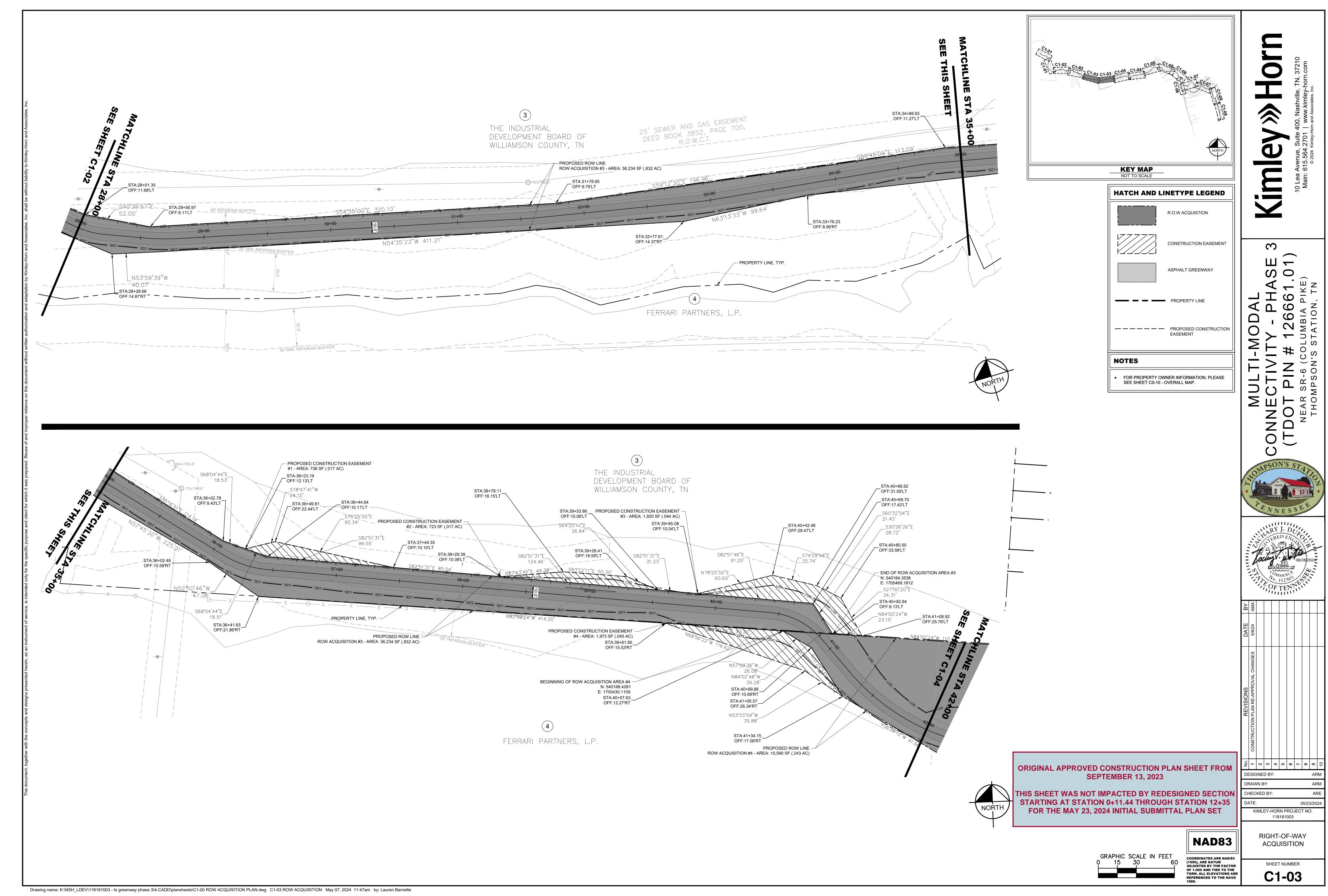
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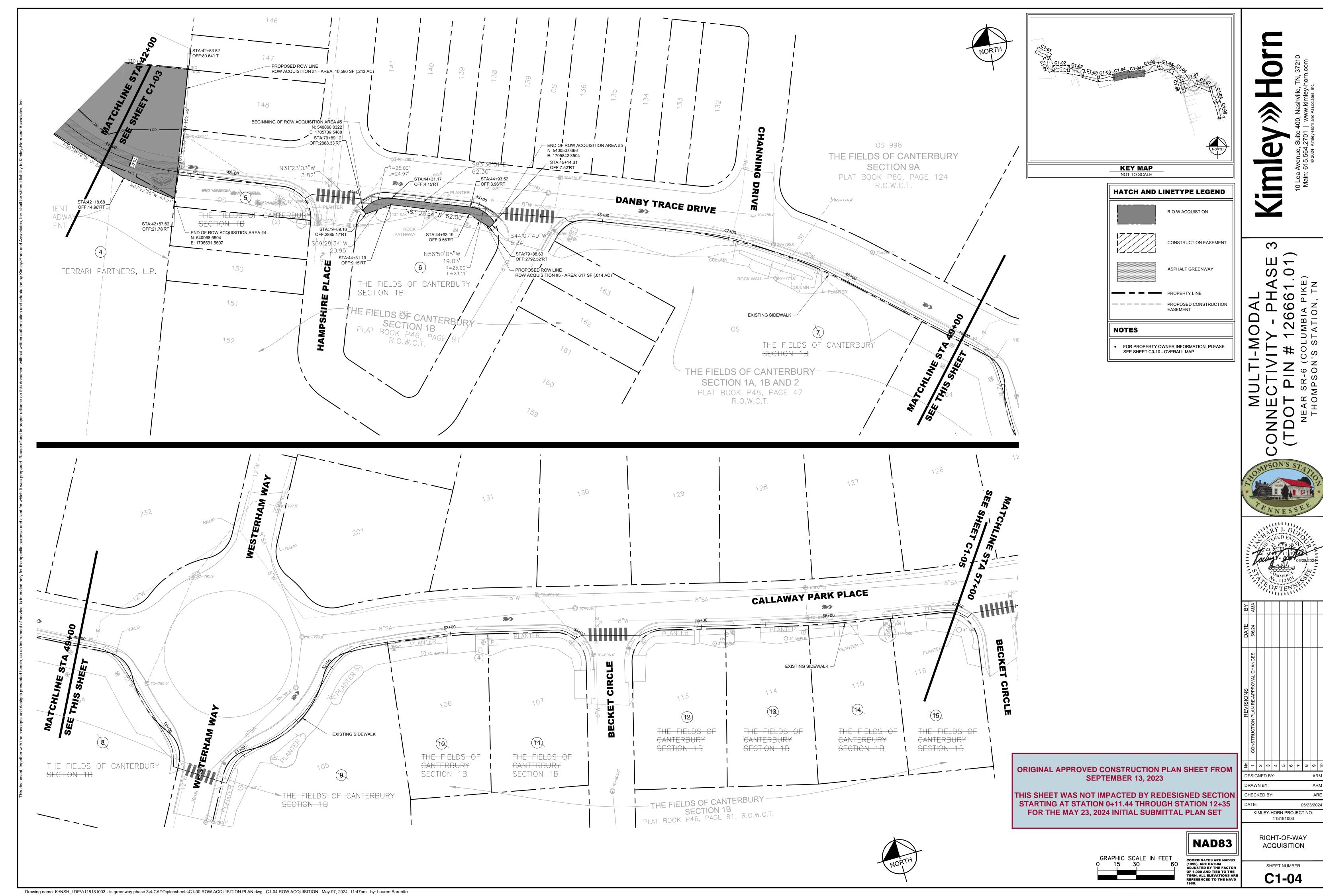
COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

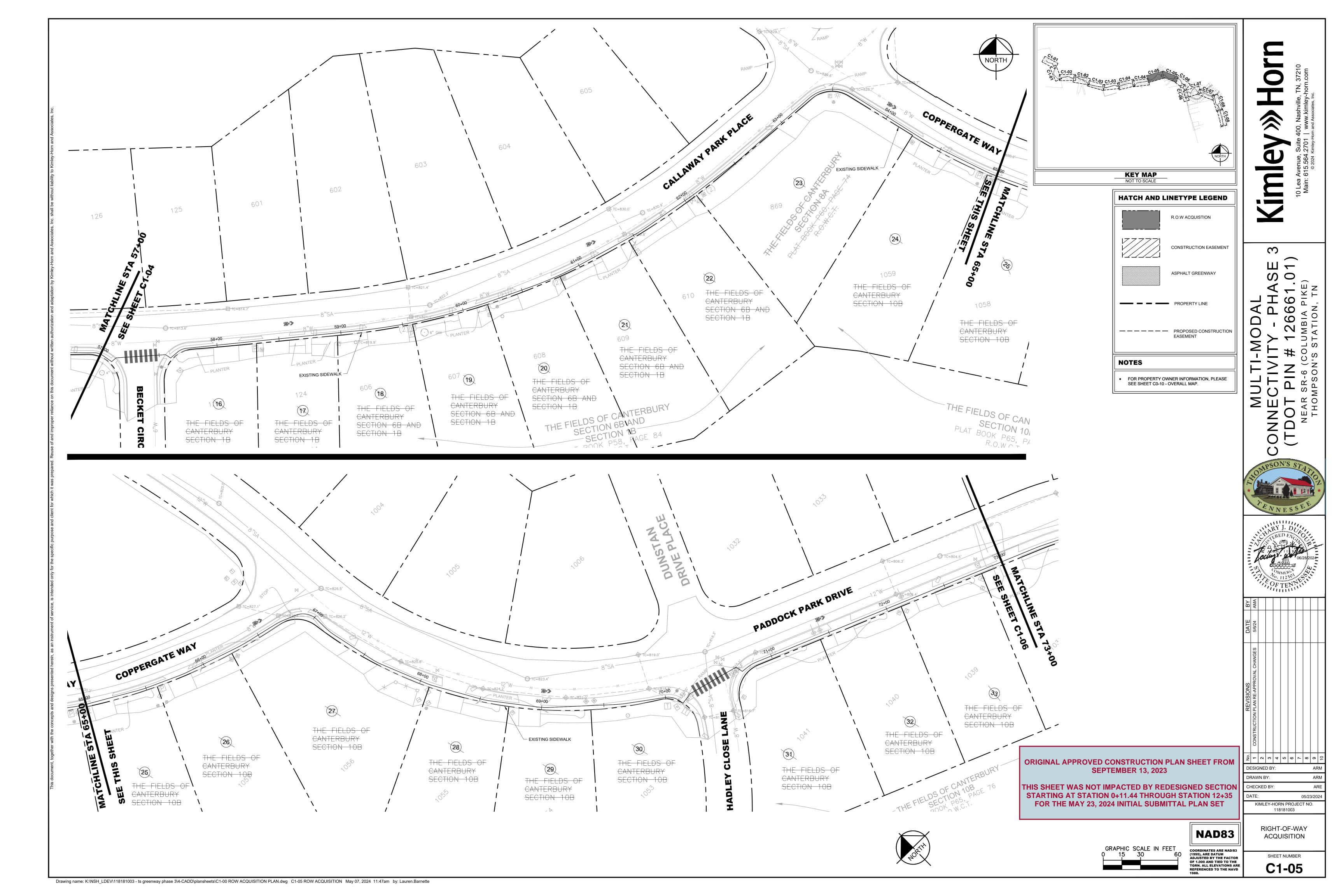
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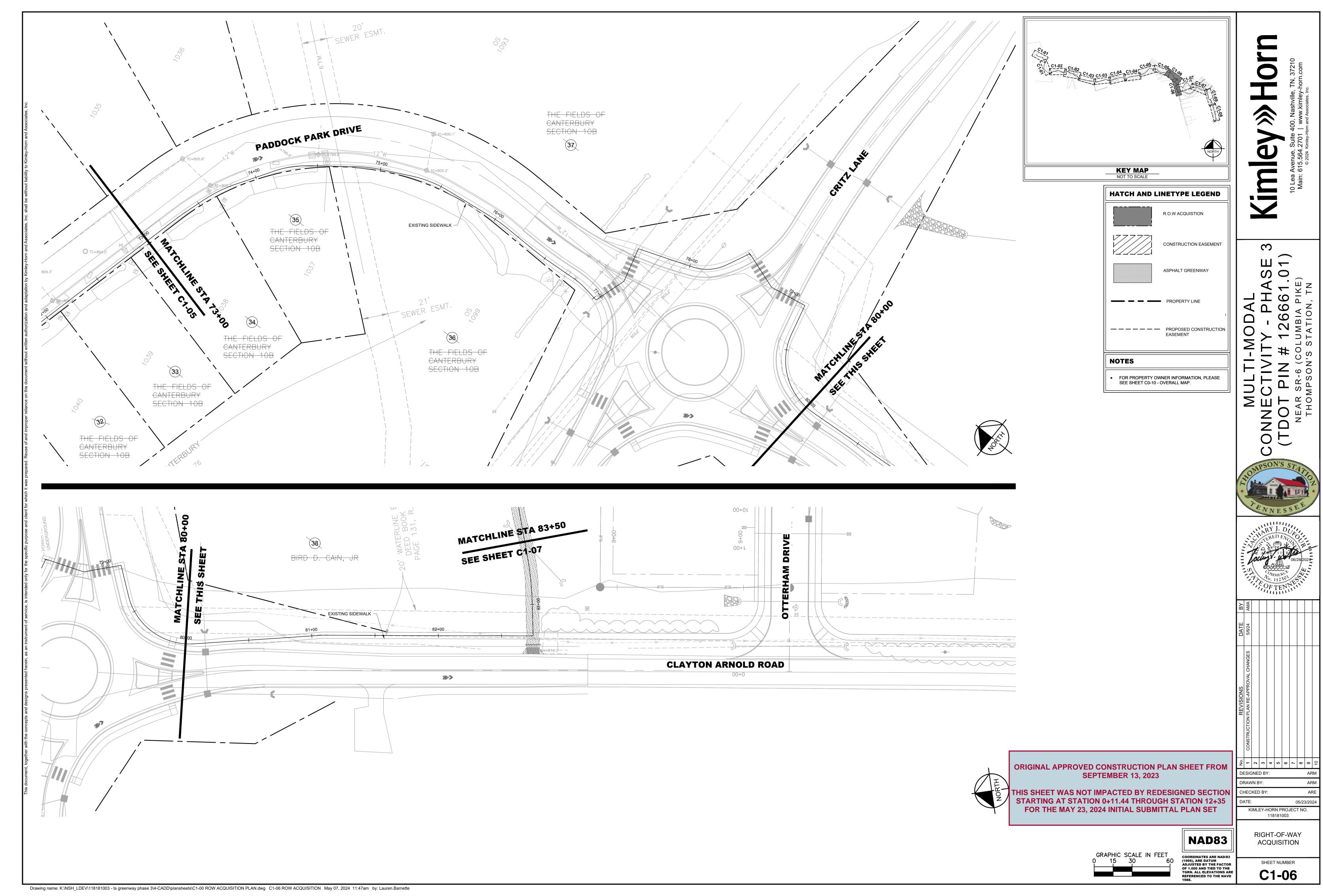


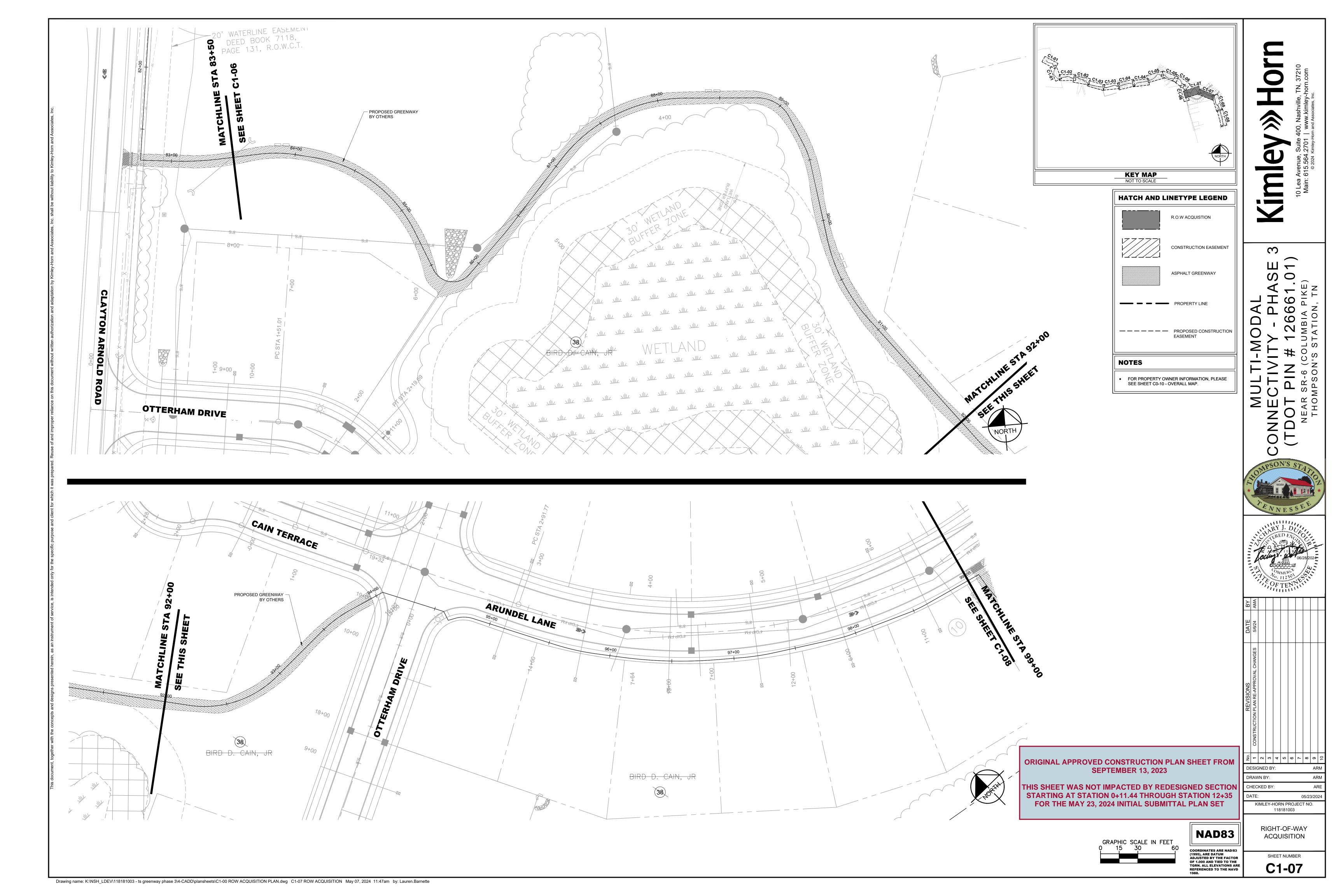


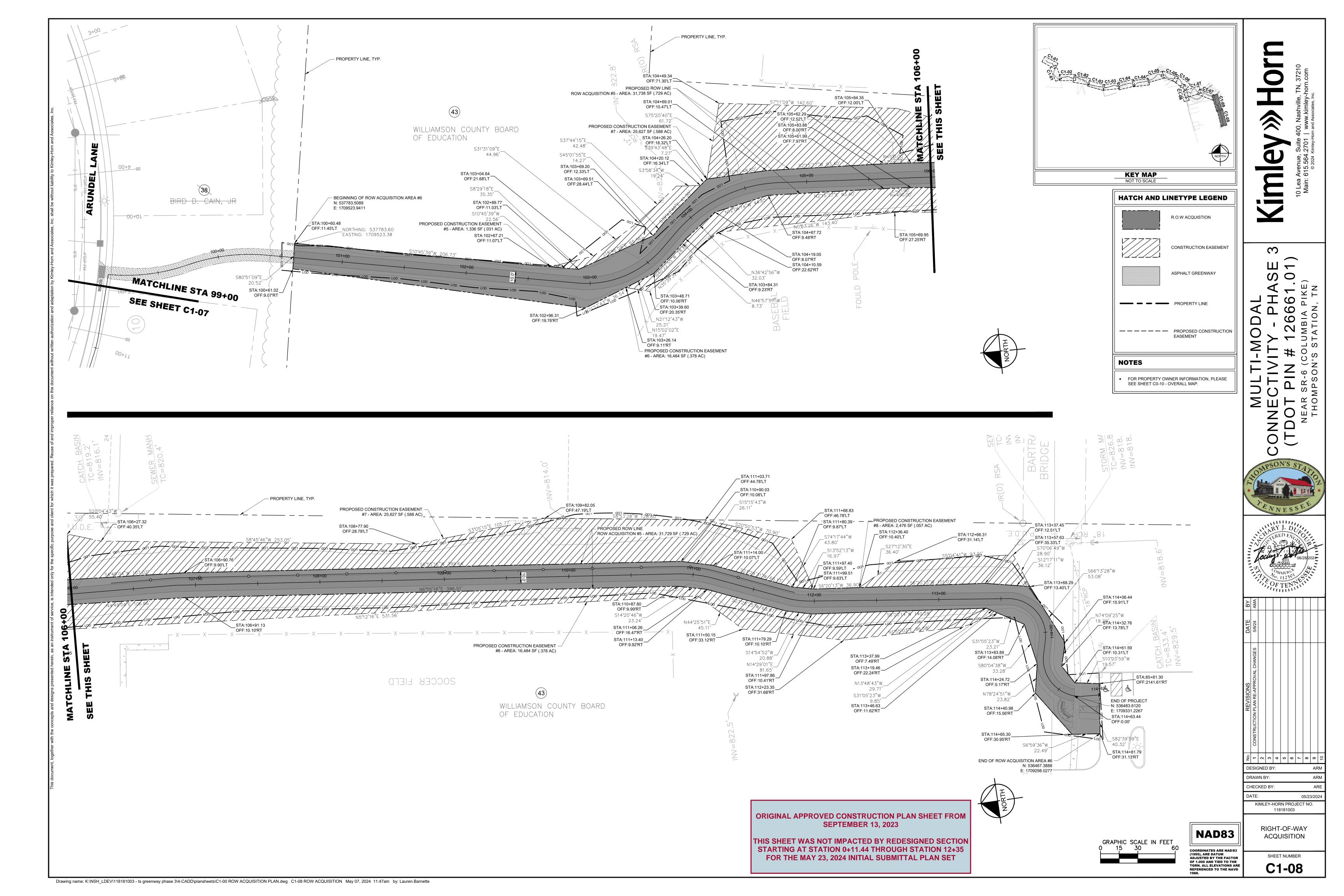


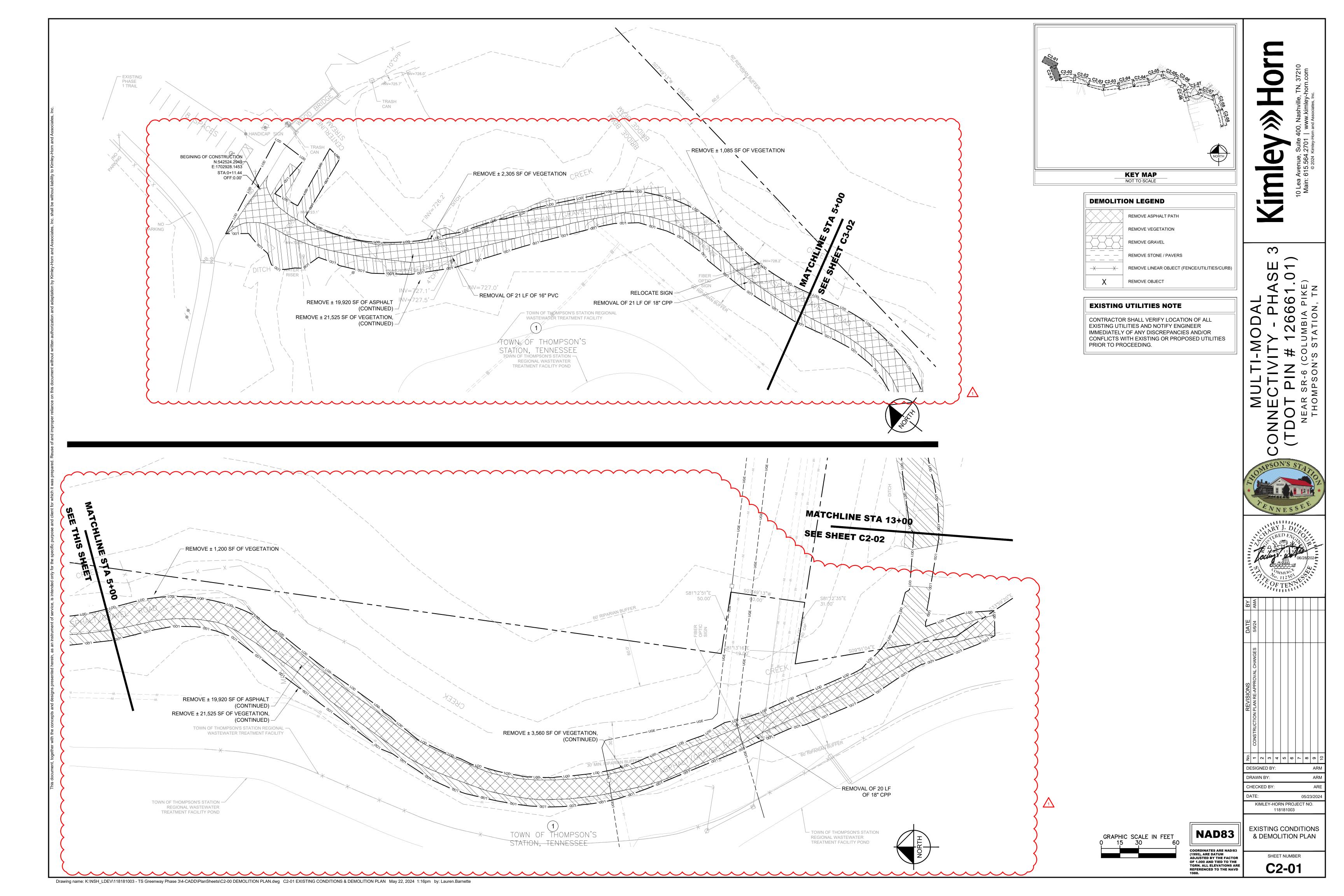


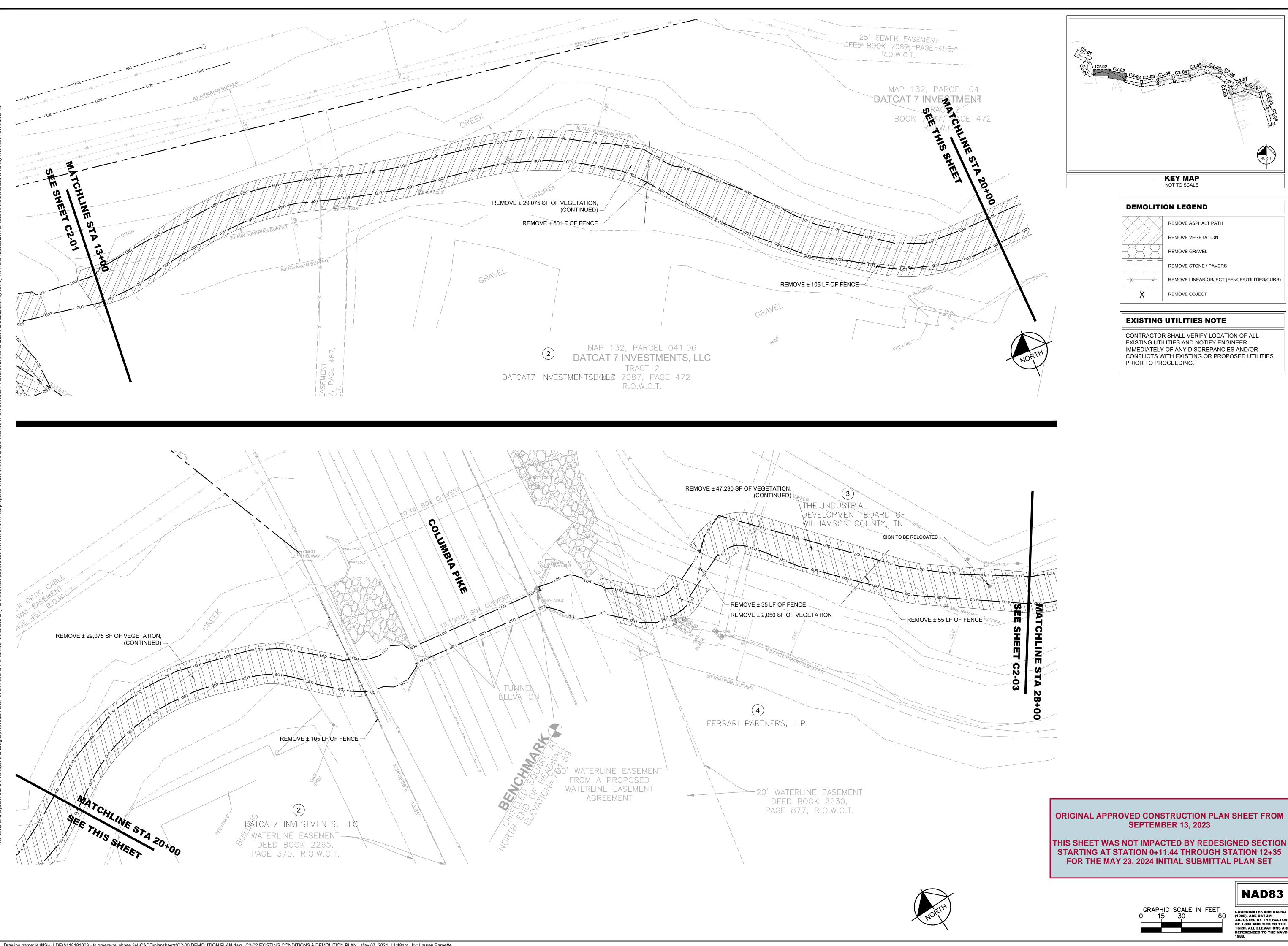












REMOVE LINEAR OBJECT (FENCE/UTILITIES/CURB)

CONFLICTS WITH EXISTING OR PROPOSED UTILITIES

THIS SHEET WAS NOT IMPACTED BY REDESIGNED SECTION STARTING AT STATION 0+11.44 THROUGH STATION 12+35

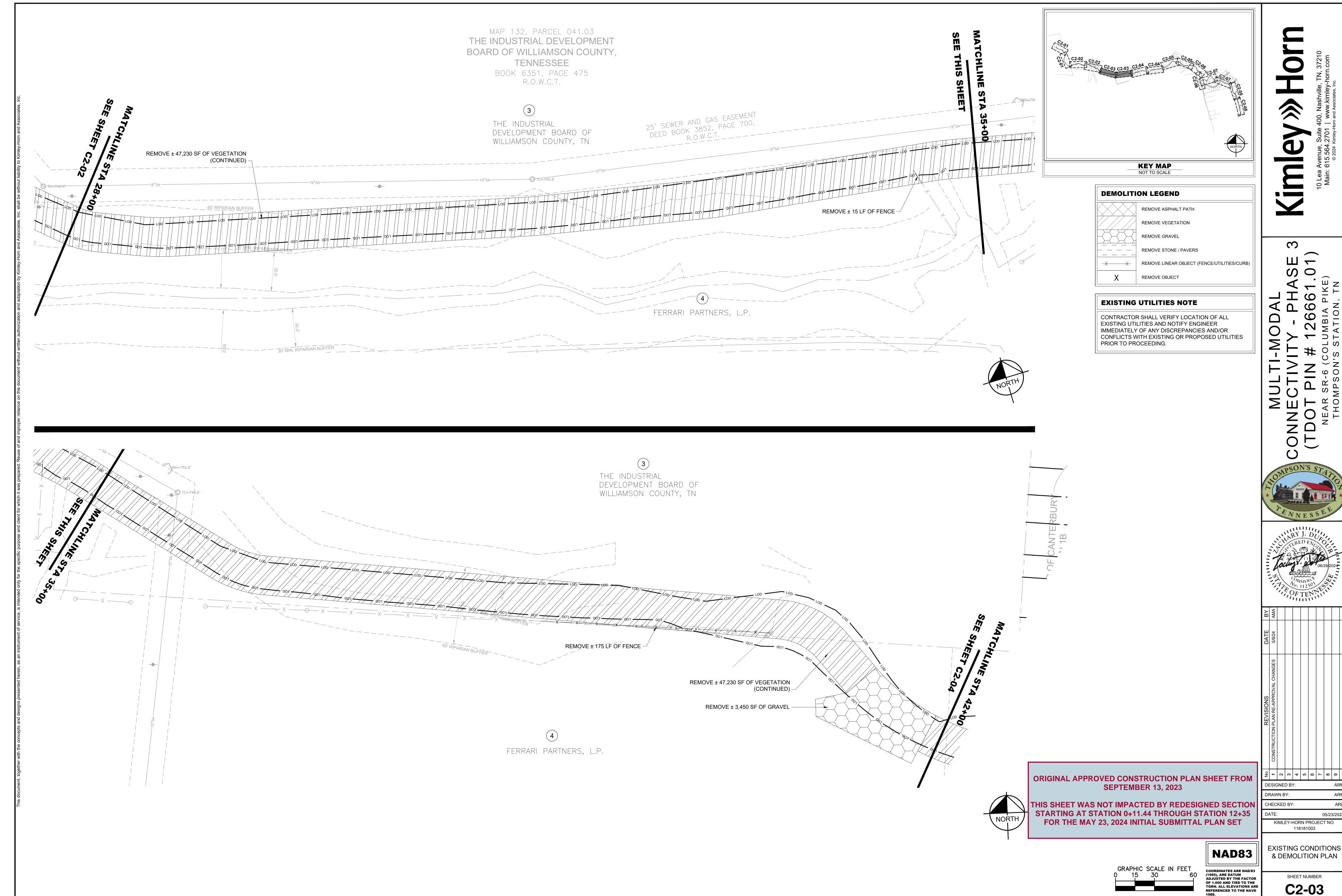
COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

EXISTING CONDITIONS NAD83 & DEMOLITION PLAN SHEET NUMBER

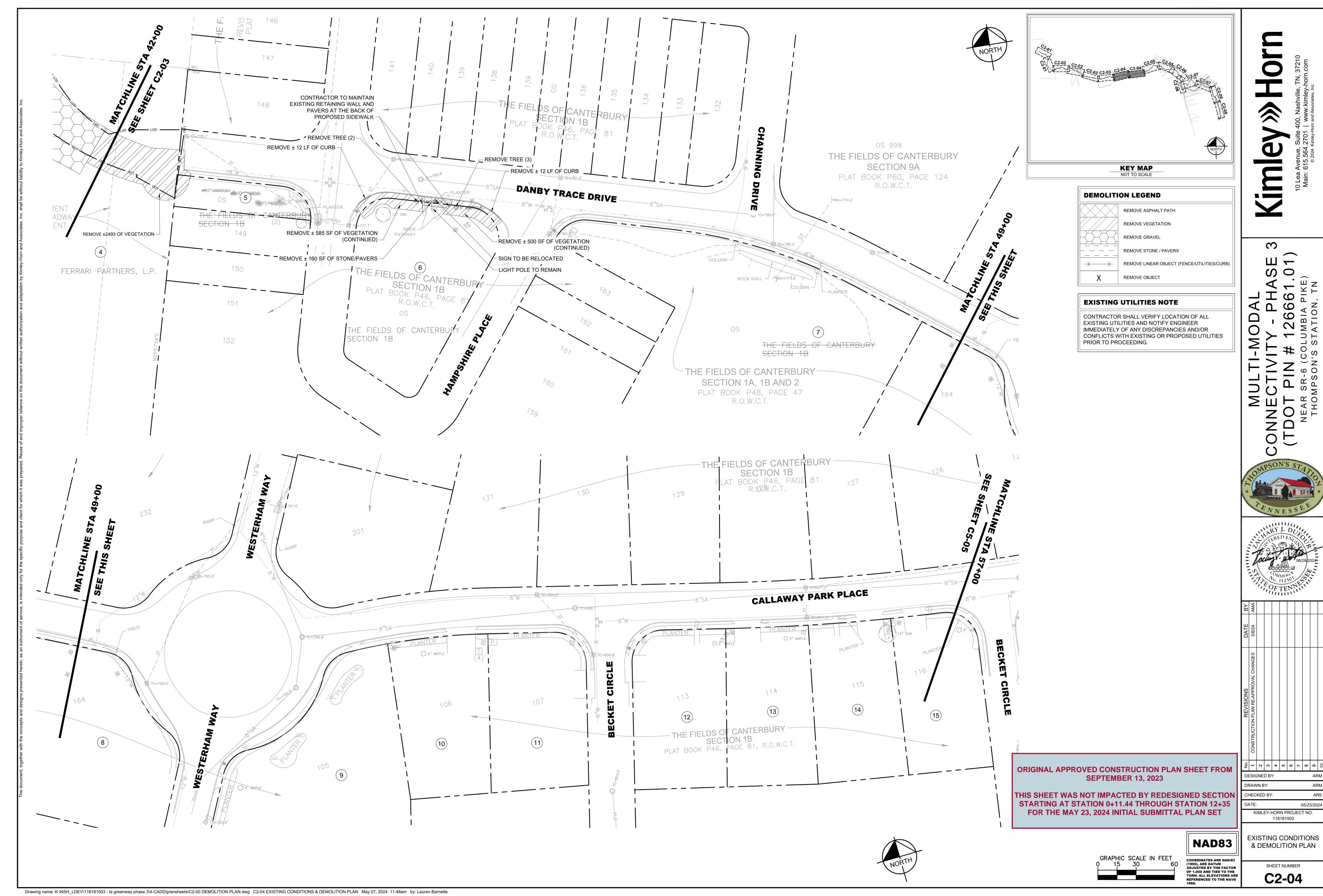
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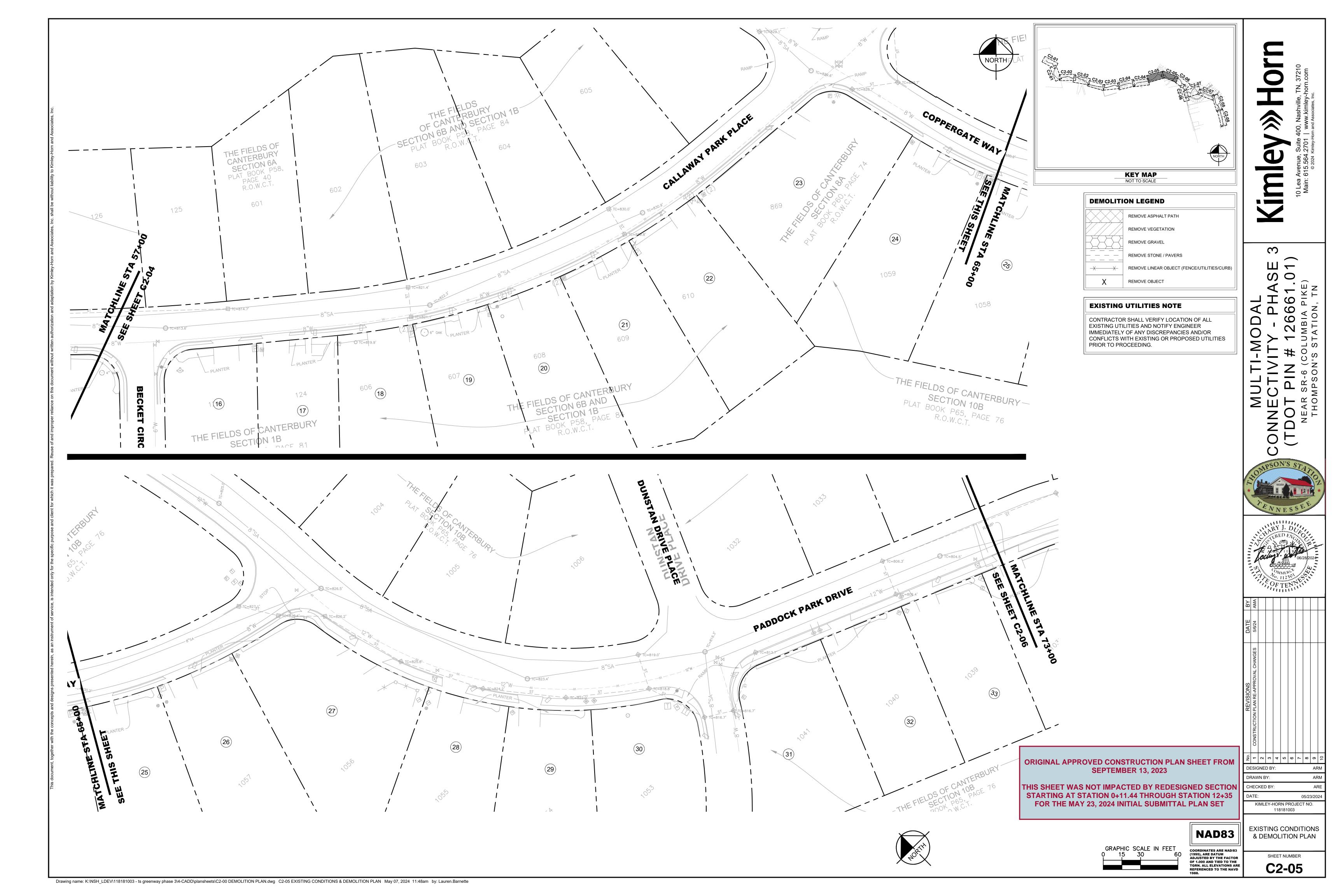
KIMLEY-HORN PROJECT NO. 118181003

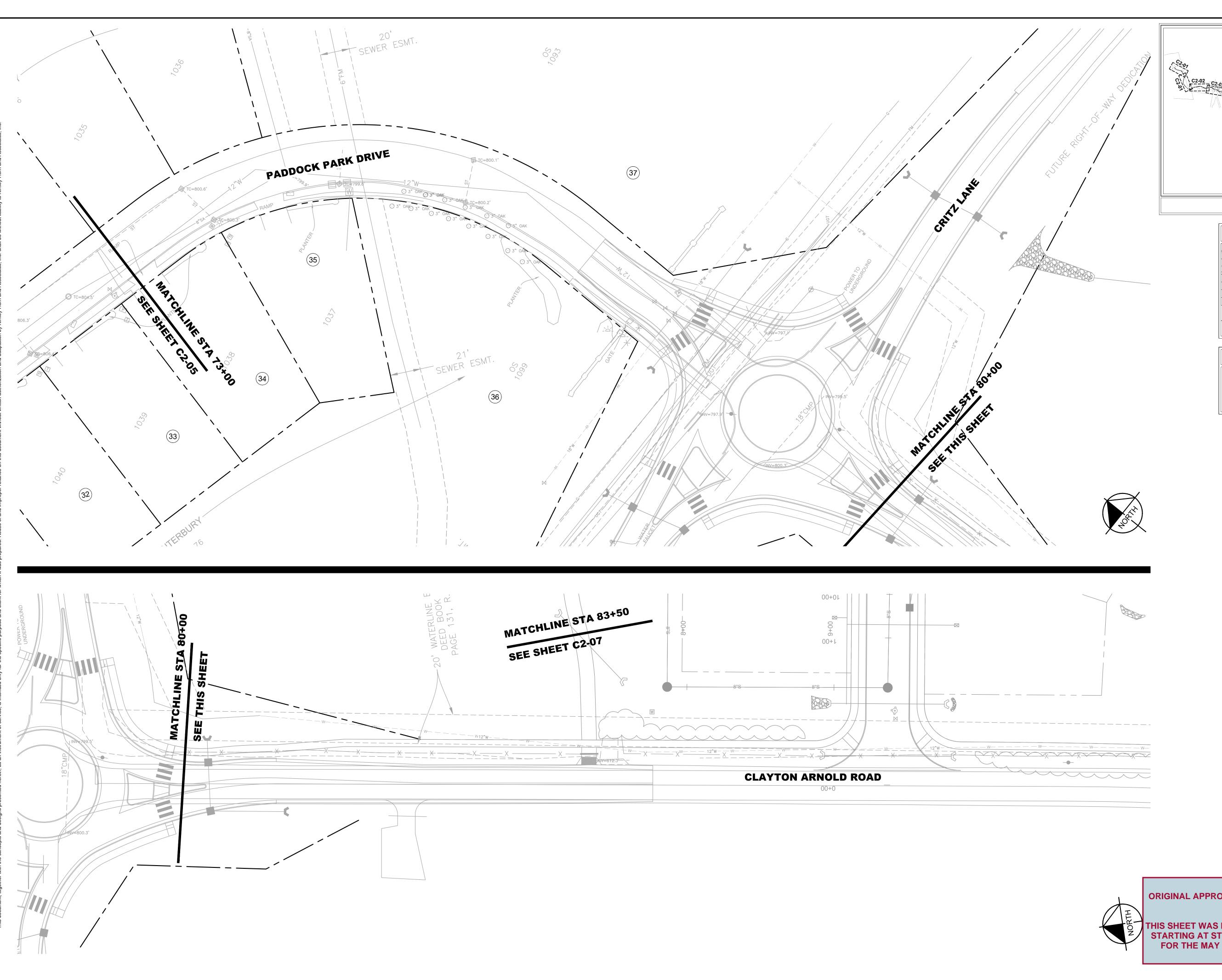
C2-02











C2-02 C2-02 C2-02 C2-03 C2-04 C2-04

KEY MAP NOT TO SCALE

REMOVE ASPHALT PATH REMOVE VEGETATION REMOVE GRAVEL REMOVE STONE / PAVERS REMOVE LINEAR OBJECT (FENCE/UTILITIES/CURB) X REMOVE OBJECT

EXISTING UTILITIES NOTE

CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES AND/OR CONFLICTS WITH EXISTING OR PROPOSED UTILITIES PRIOR TO PROCEEDING.

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REVISIONS DATE
STRUCTION PLAN RE-APPROVAL CHANGES 5/6/24

ORIGINAL APPROVED CONSTRUCTION PLAN SHEET FROM SEPTEMBER 13, 2023

THIS SHEET WAS NOT IMPACTED BY REDESIGNED SECTION STARTING AT STATION 0+11.44 THROUGH STATION 12+35 FOR THE MAY 23, 2024 INITIAL SUBMITTAL PLAN SET

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COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

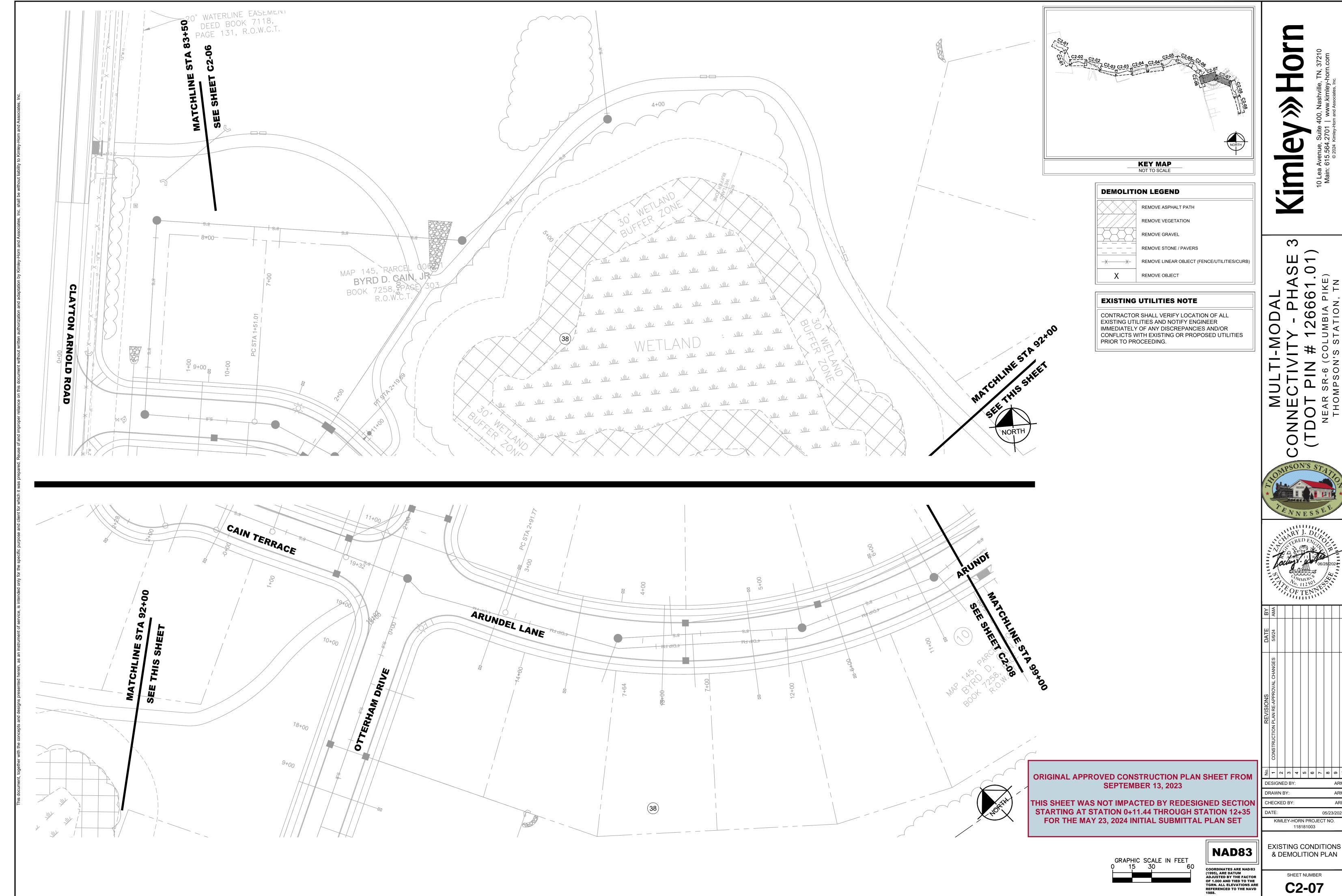
EXISTING CONDITIONS & DEMOLITION PLAN

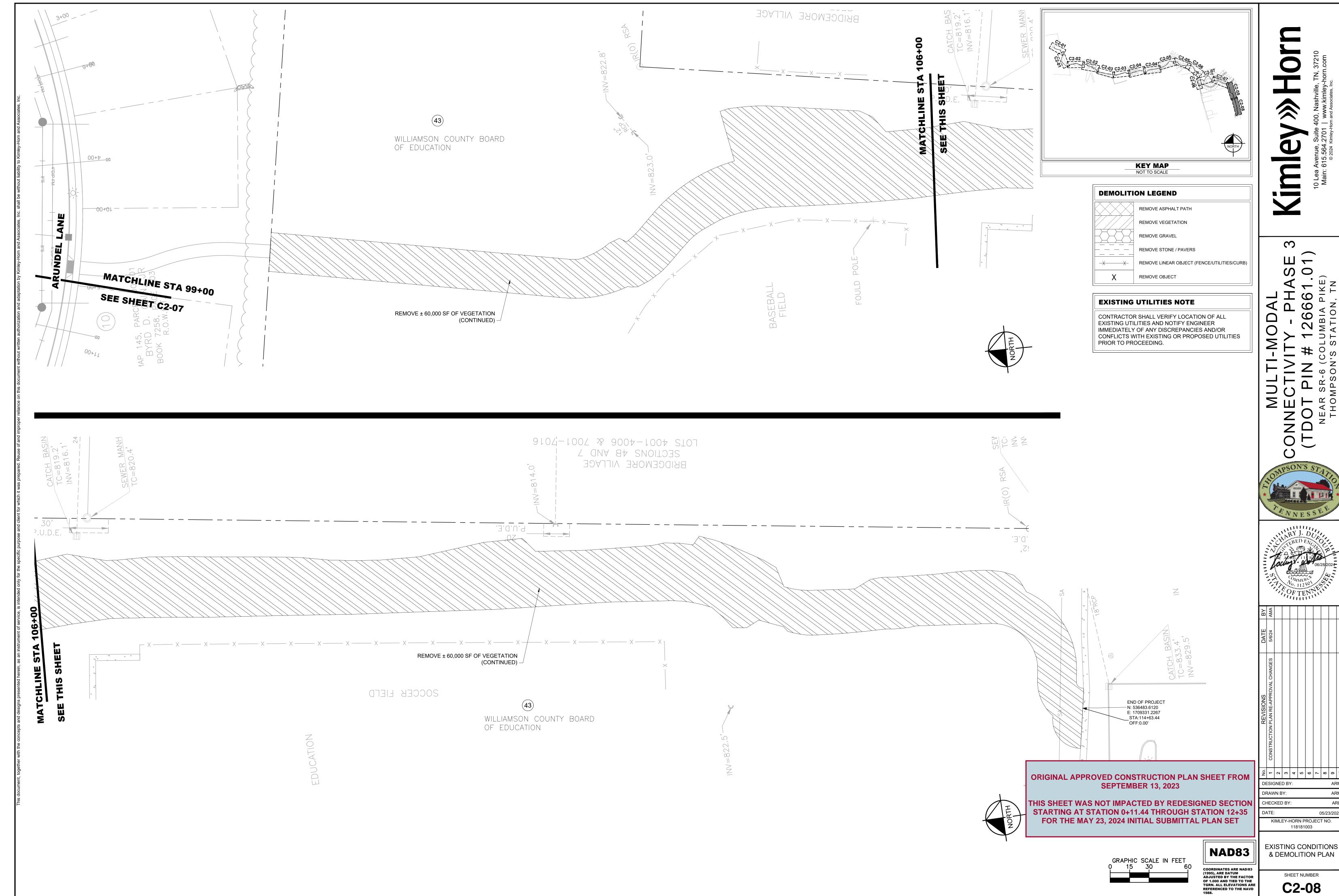
DESIGNED BY:

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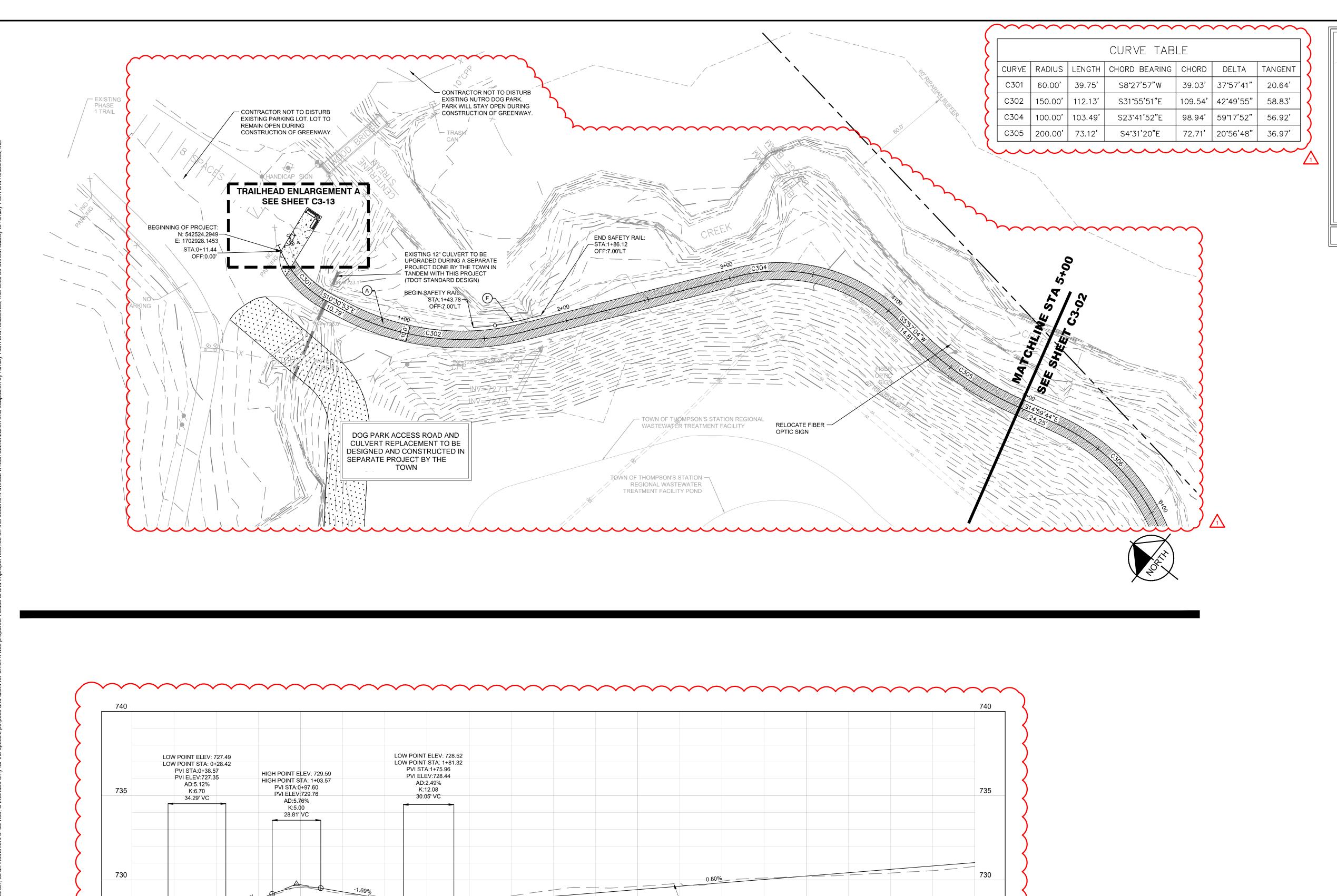
C2-06

KIMLEY-HORN PROJECT NO. 118181003









PROPOSED GRADE

3+00

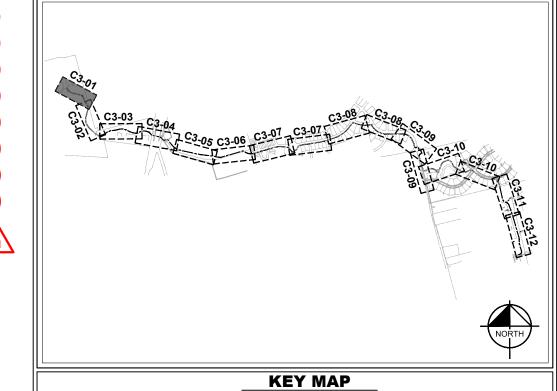
2+00

EXISTING GRADE

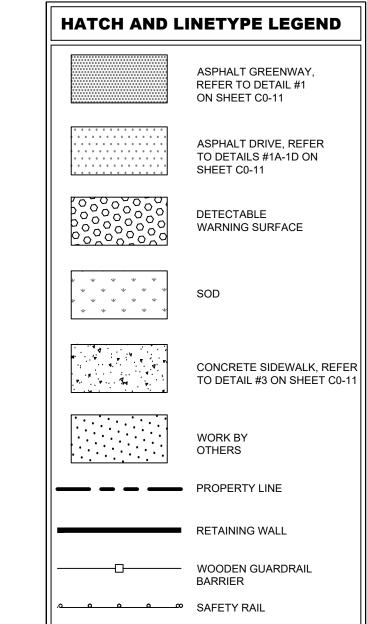
4+00

725

5+00



NOT TO SCALE



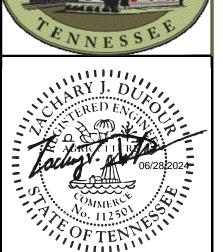
SITE LEGEND

- (#) PARCEL ID NUMBER, SEE PARCEL TABLE FOR INFORMATION
- (A) 10 FT WIDE ASPHALT GREENWAY, SEE DETAIL #1 ON SHEET C0-11

—x——x—— 4' METAL FENCE, SEE SHEET

C0-04, DETAIL #2

- B NOT USED
- C CURB RAMP (SEE PLAN FOR TDOT STANDARD DRAWING NUMBER FOR RAMP TYPE) WITH YELLOW TRUNCATED DOME SURFACE
- D GRASS STRIP WIDTH VARIES 2' 5'
- (E) RETAINING WALL
- (F) BIKE AND PEDESTRIAN SAFETY RAIL (TDOT STANDARD MM-BPR-1)
- G PROPOSED CROSSWALK (24" WIDTH, 24" SPACING) T-M-4
- (H) 5 FT WIDE 4" CONCRETE SIDEWALK, SEE DETAIL #3 ON SHEET C0-11
- TRUNCATED DOME
- J REGRADE EXISTING DRIVEWAY TO PROVIDE ADA-ACCESSIBLE CROSSING TDOT STANDARD DRAWING RP-D-15
- (L) SIDEWALK LANDING (MAX. 2% CROSS SLOPE AND RUNNING SLOPE)
- M SHARED BIKE LANE MARKING T-M-11
- N ASPHALT DRIVE, SEE DETAILS #1A-1D ON SHEET C0-11
- O WOODEN GUARDRAIL BARRIER DETAIL 1 ON SHEET C0-04
- (P) 4' METAL FENCE SEE SHEET C0-04, DETAIL #2



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DATE	5/6/24				
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REVISIONS	CONSTRUCTION PLAN RE-APPROVAL CHANGES					

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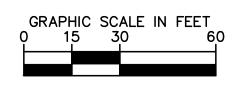
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> PROPOSED SITE LAYOUT

KIMLEY-HORN PROJECT NO.

118181003

SHEET NUMBER C3-01



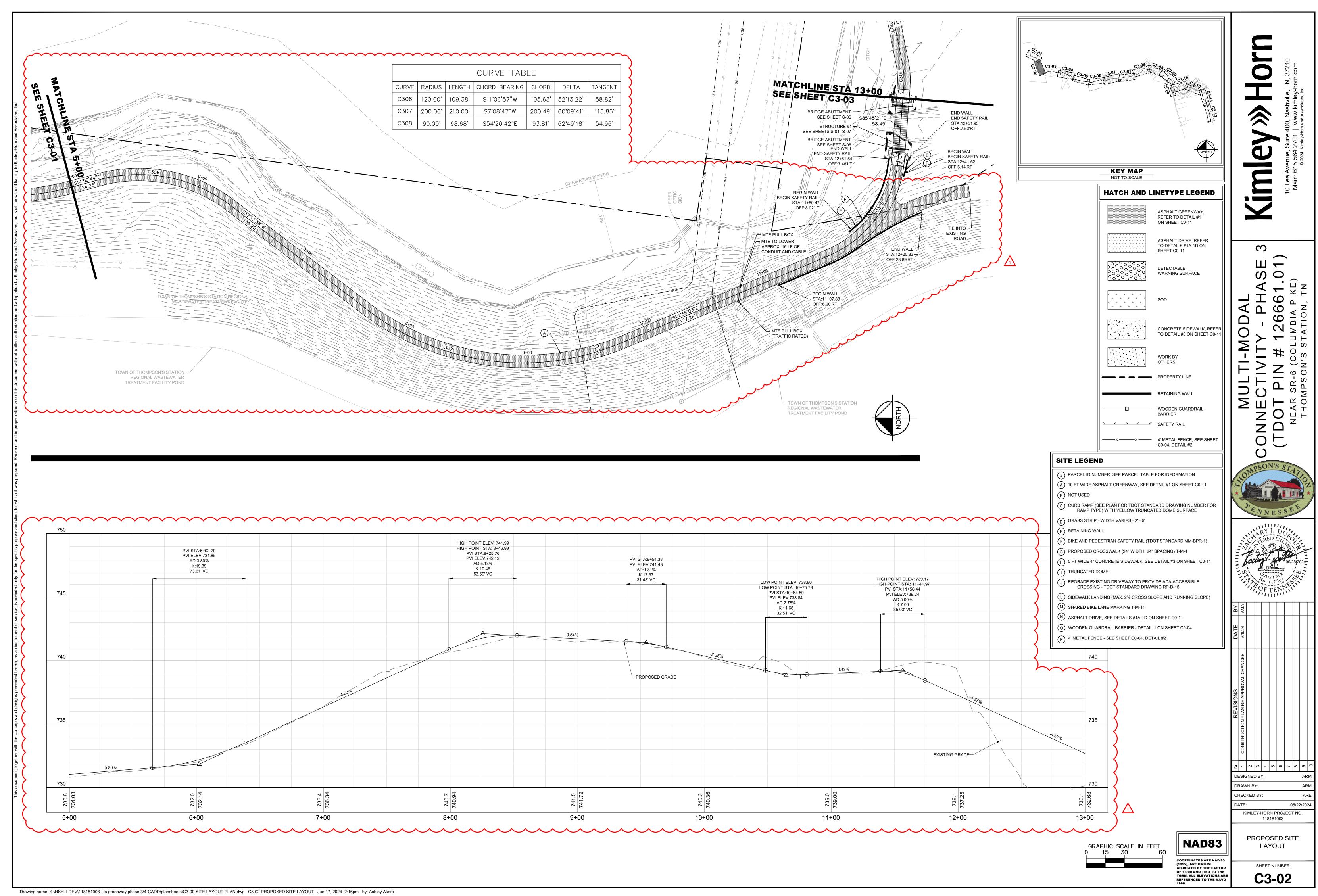
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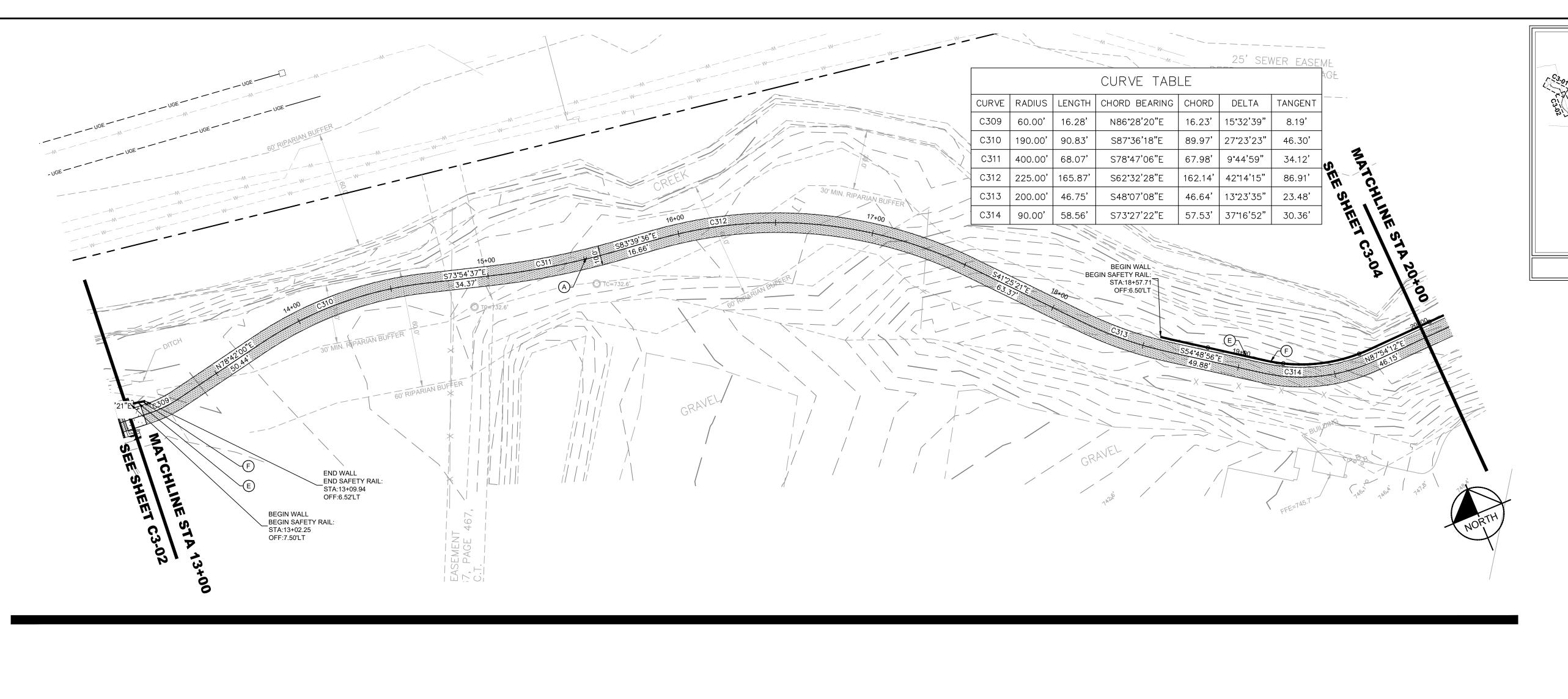
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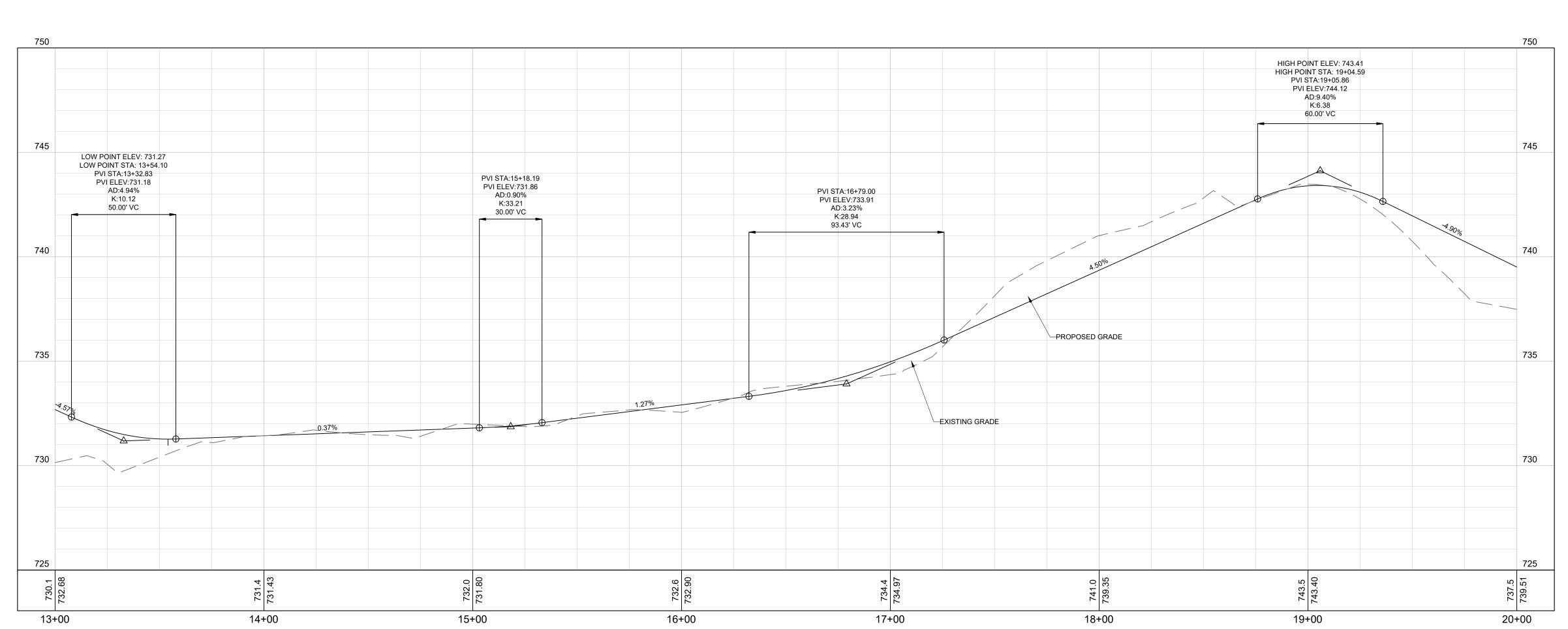
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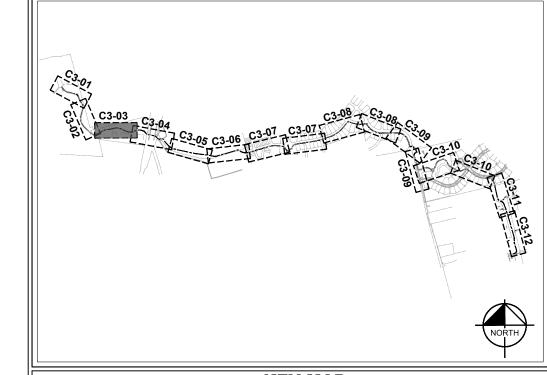
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28 LF OF __/ EX 12" CMP @ 0.36%

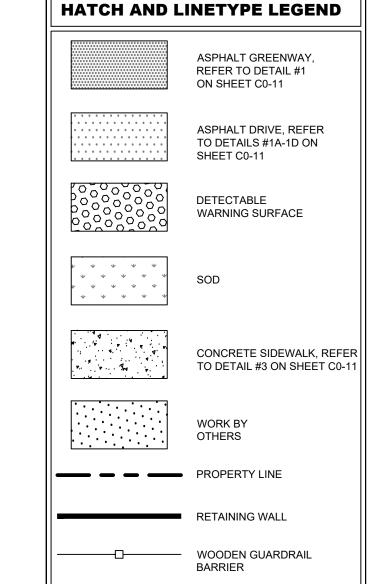








KEY MAP NOT TO SCALE



SITE LEGEND

(#) PARCEL ID NUMBER, SEE PARCEL TABLE FOR INFORMATION

----x ----- 4' METAL FENCE, SEE SHEET C0-04, DETAIL #2

- (A) 10 FT WIDE ASPHALT GREENWAY, SEE DETAIL #1 ON SHEET C0-11 B NOT USED
- C CURB RAMP (SEE PLAN FOR TDOT STANDARD DRAWING NUMBER FOR RAMP TYPE) WITH YELLOW TRUNCATED DOME SURFACE
- D GRASS STRIP WIDTH VARIES 2' 5'
- (E) RETAINING WALL
- F BIKE AND PEDESTRIAN SAFETY RAIL (TDOT STANDARD MM-BPR-1)
- (G) PROPOSED CROSSWALK (24" WIDTH, 24" SPACING) T-M-4
- (H) 5 FT WIDE 4" CONCRETE SIDEWALK, SEE DETAIL #3 ON SHEET C0-11
- TRUNCATED DOME
- REGRADE EXISTING DRIVEWAY TO PROVIDE ADA-ACCESSIBLE CROSSING TDOT STANDARD DRAWING RP-D-15
- (L) SIDEWALK LANDING (MAX. 2% CROSS SLOPE AND RUNNING SLOPE)
- M SHARED BIKE LANE MARKING T-M-11
- (N) ASPHALT DRIVE, SEE DETAILS #1A-1D ON SHEET C0-11
- O WOODEN GUARDRAIL BARRIER DETAIL 1 ON SHEET C0-04

(P) 4' METAL FENCE - SEE SHEET C0-04, DETAIL #2

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DATE	5/6/24				
	/AL CHANGES				

DESIGNED BY:

DRAWN BY:

CHECKED BY:

KIMLEY-HORN PROJECT NO. 118181003

PROPOSED SITE

LAYOUT

SHEET NUMBER

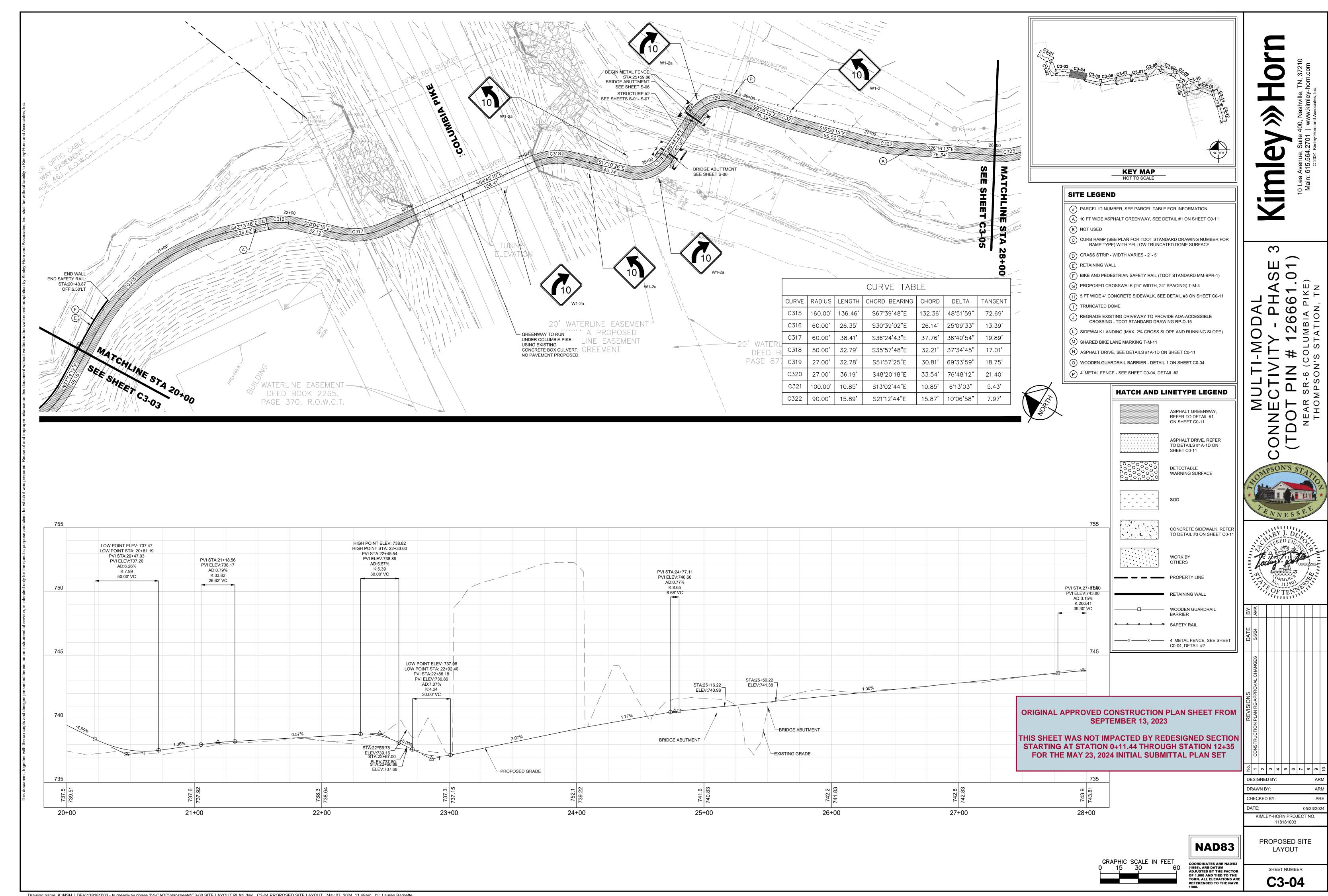
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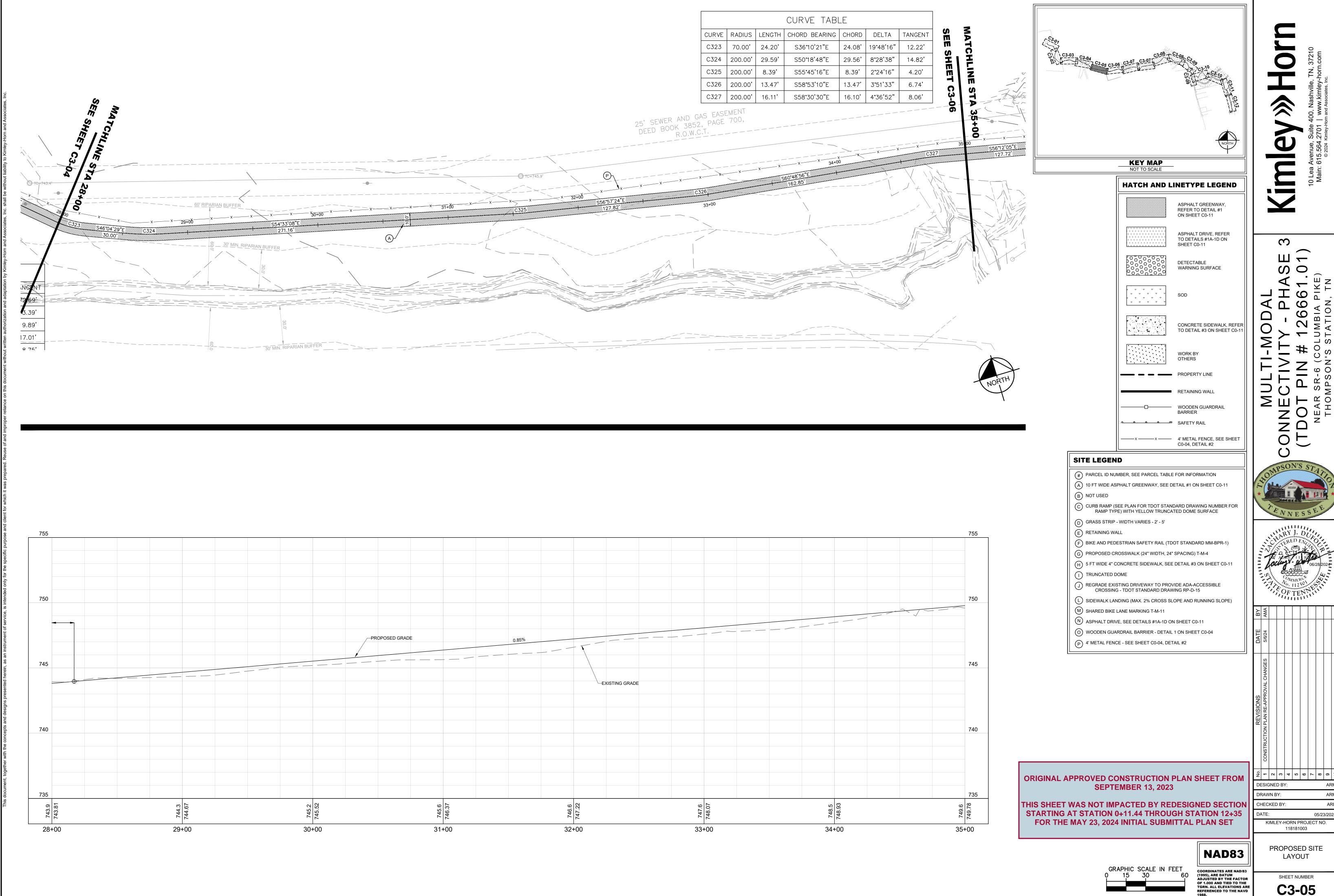
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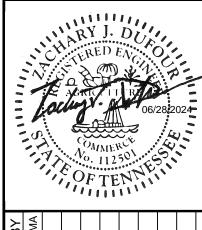
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COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

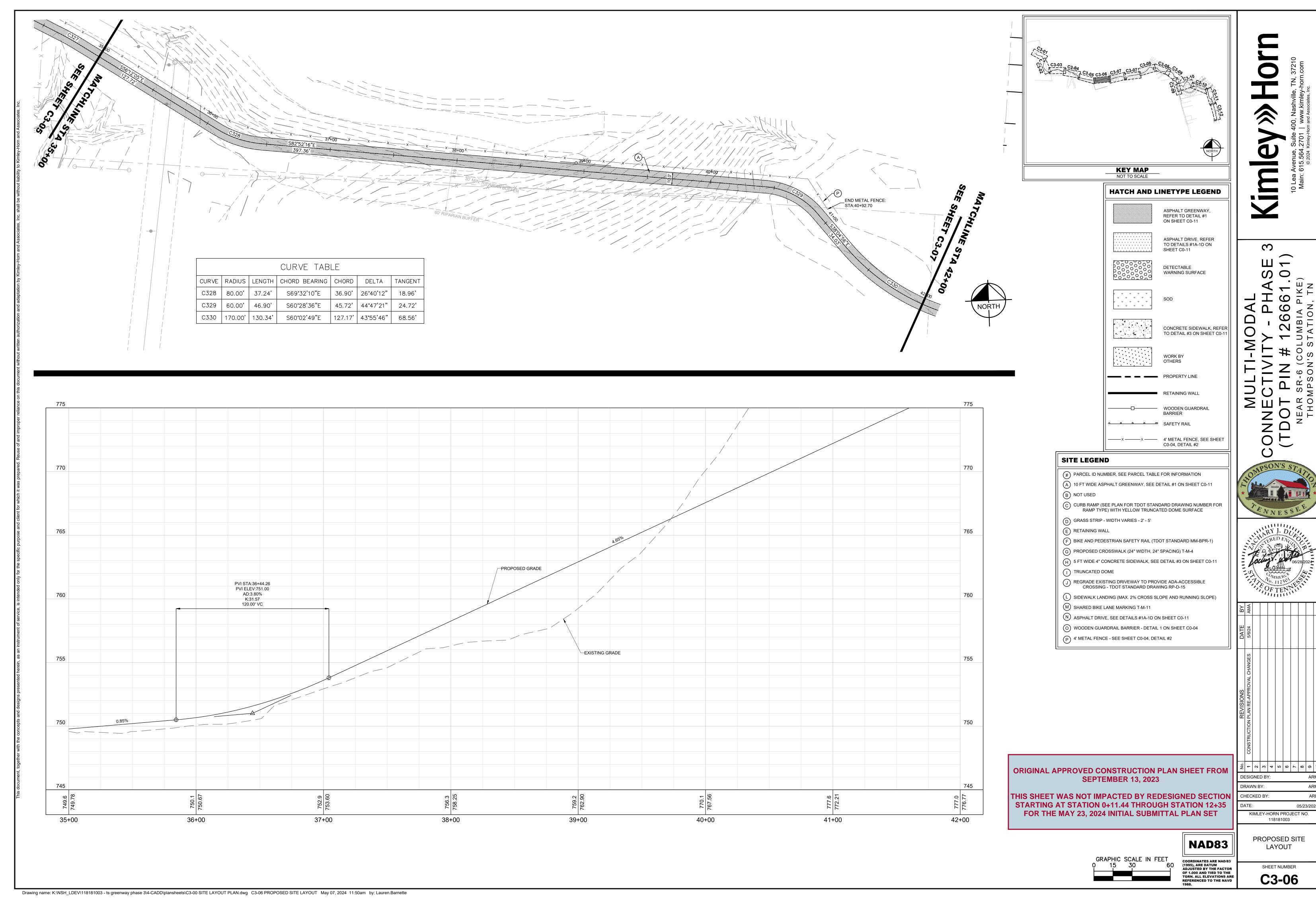
NAD83

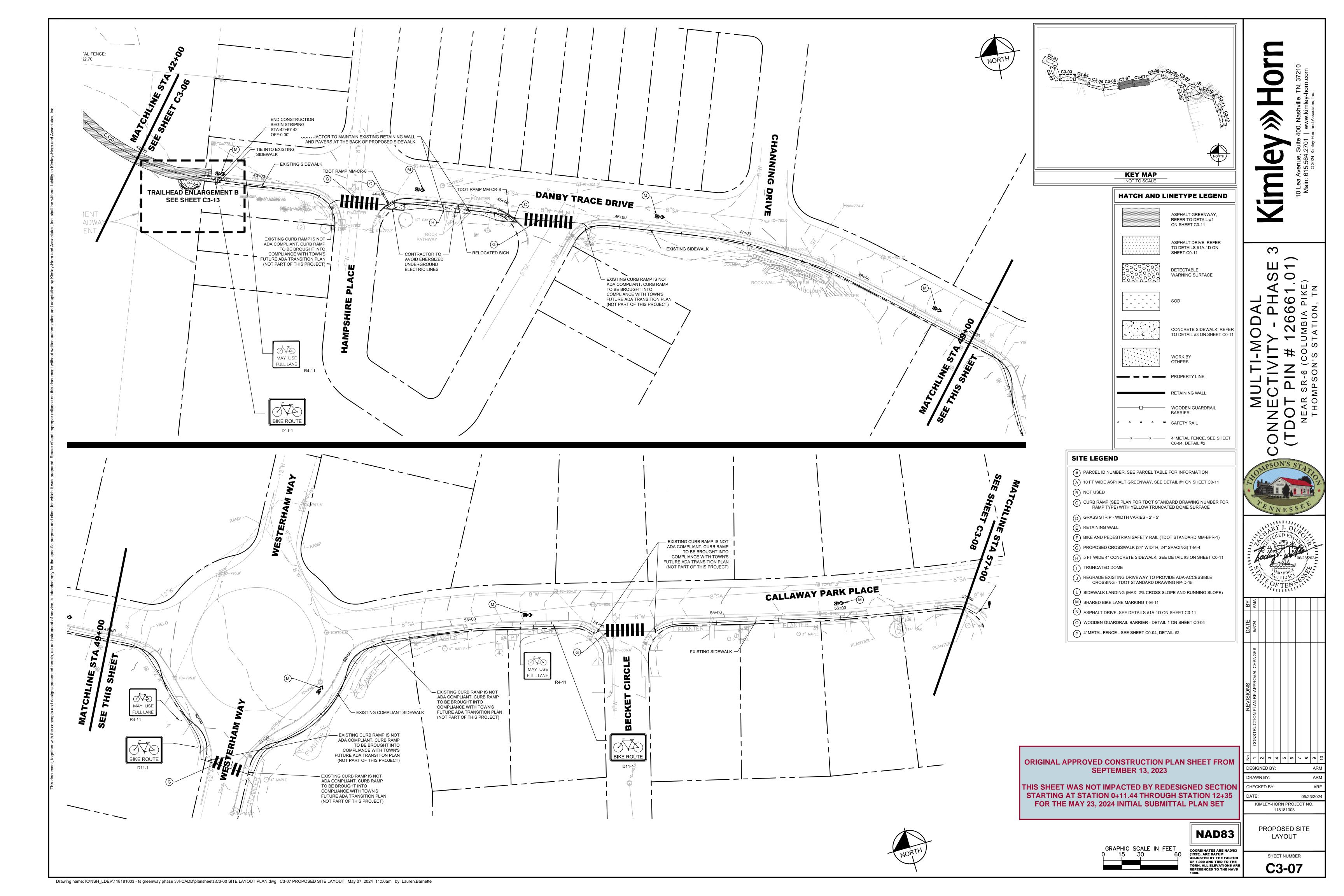


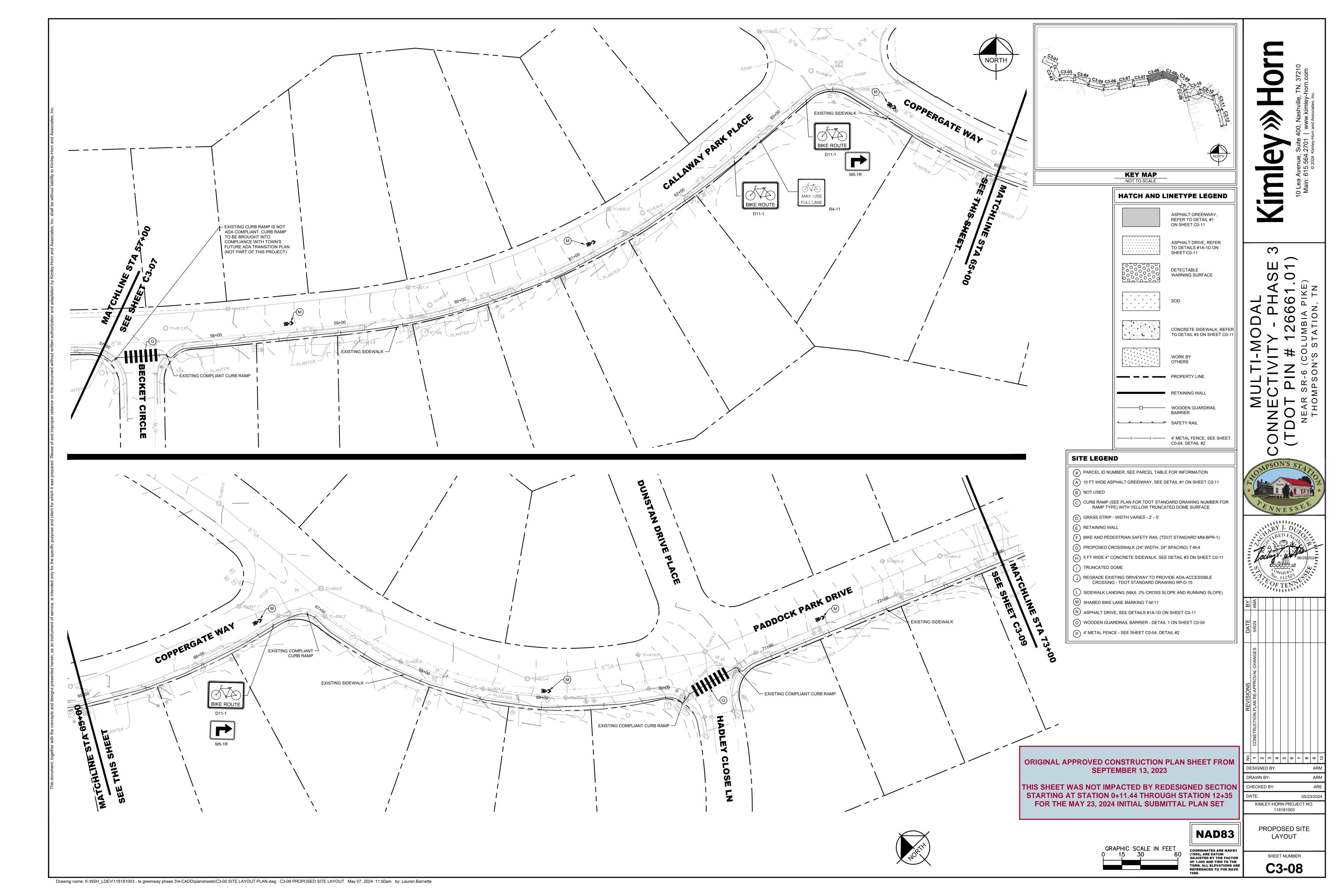


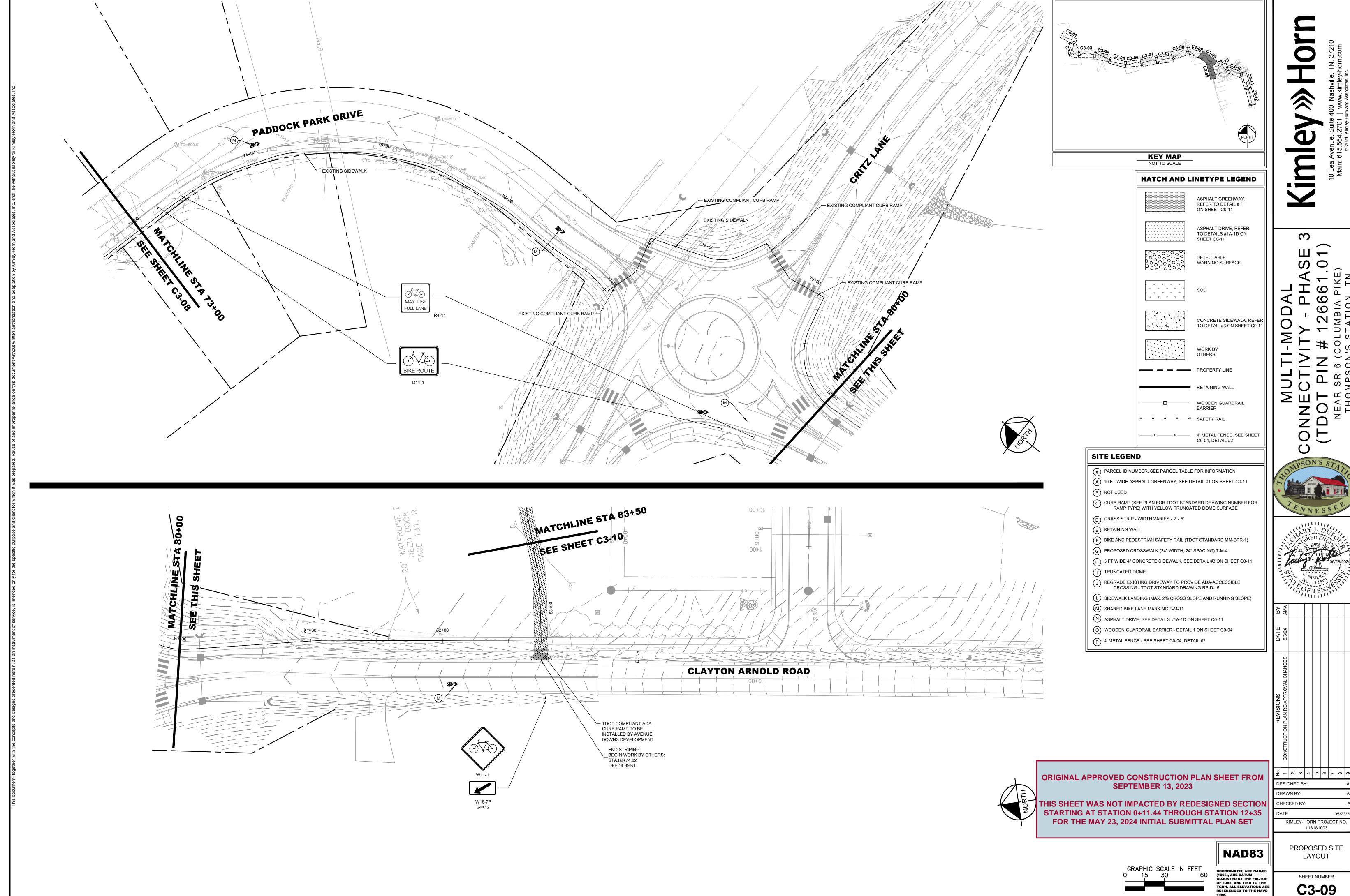


COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD

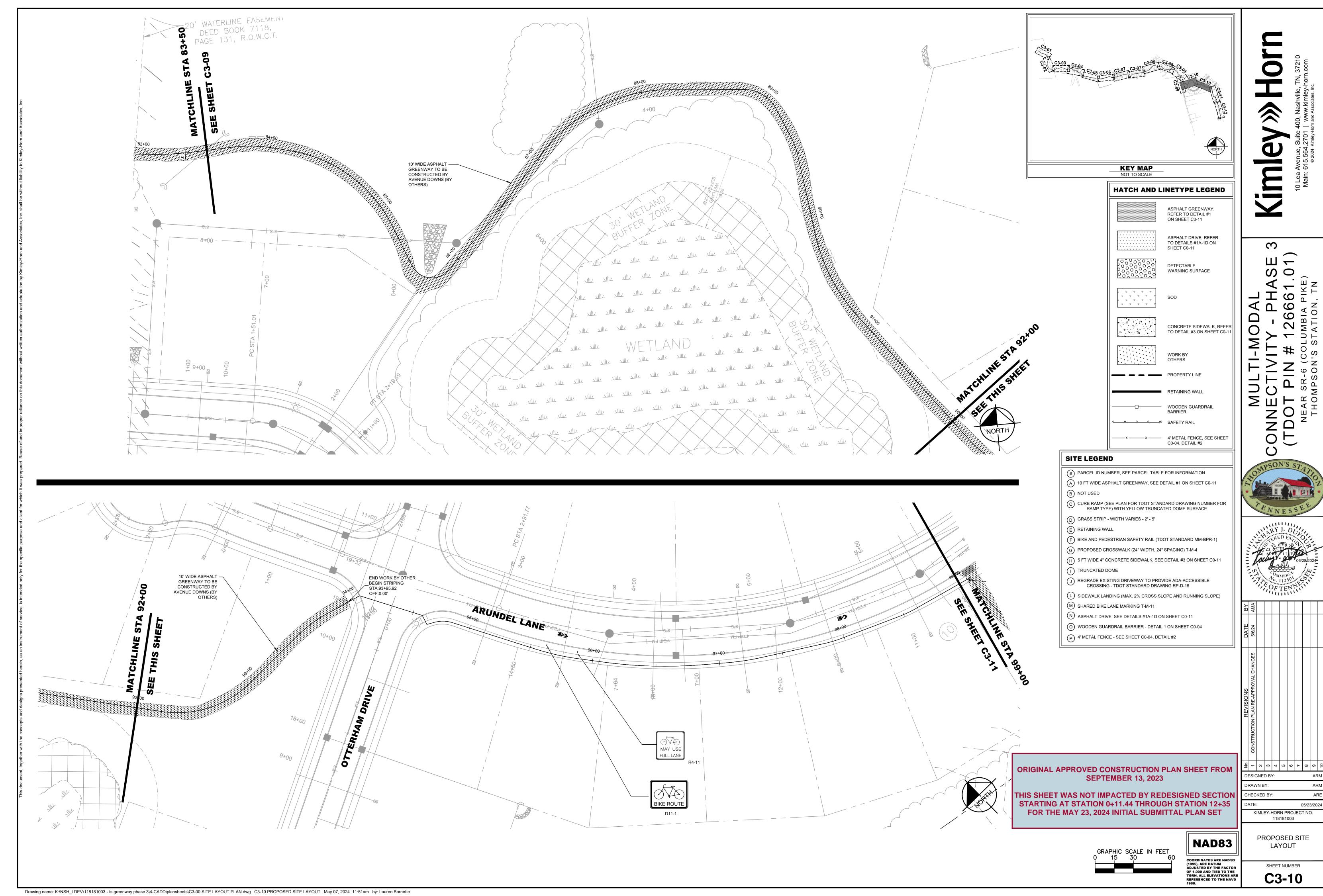


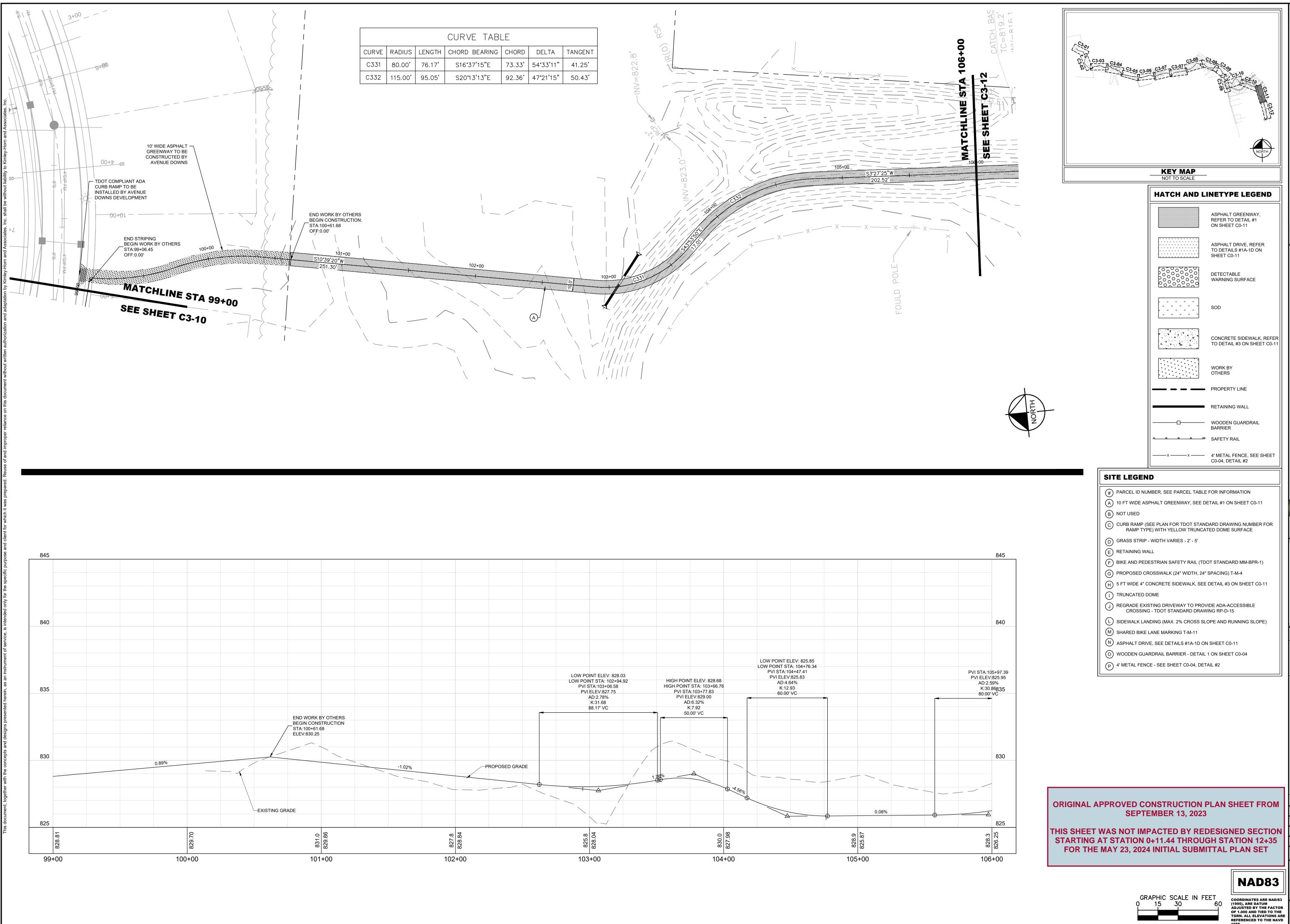






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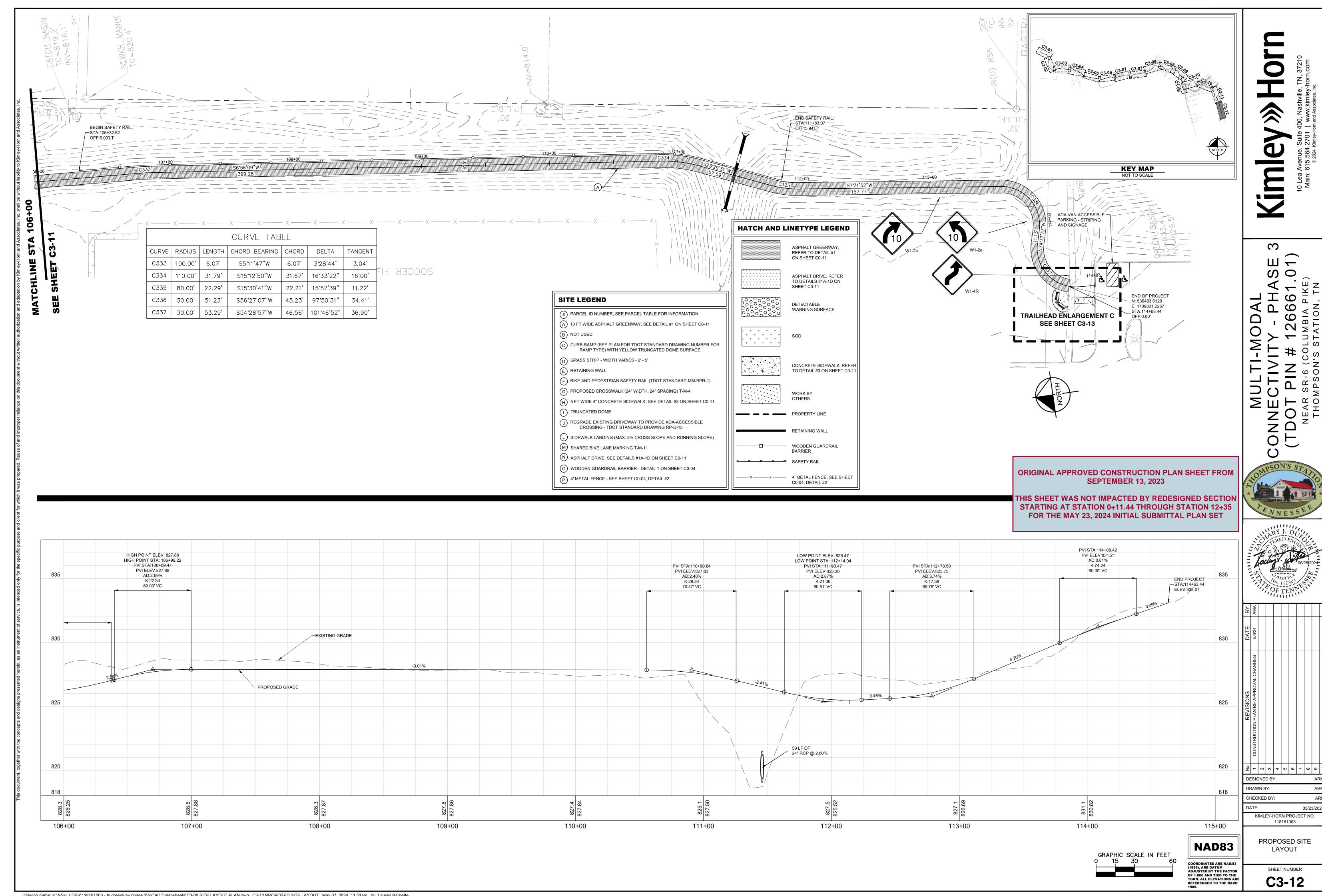
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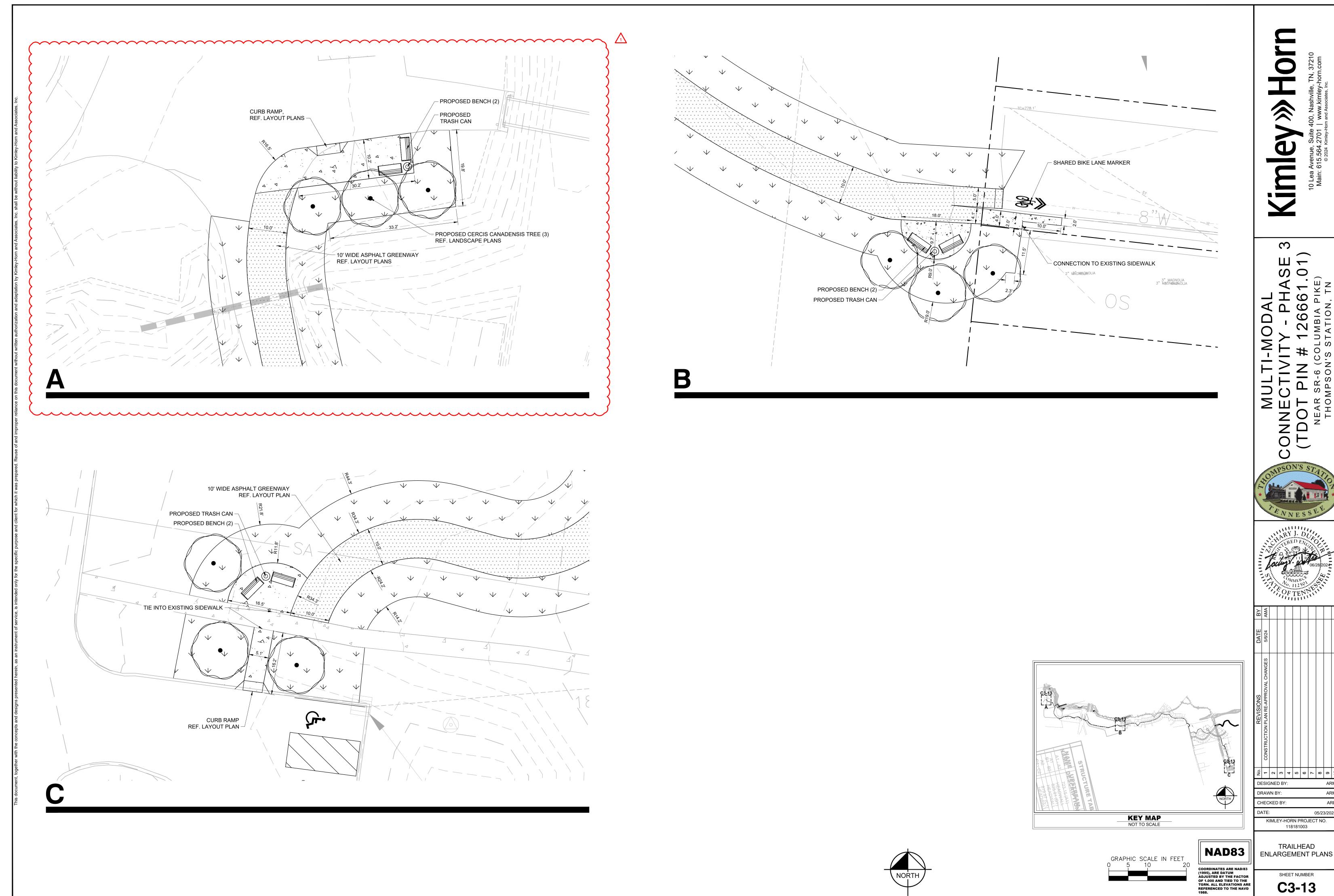
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KIMLEY-HORN PROJECT NO. 118181003

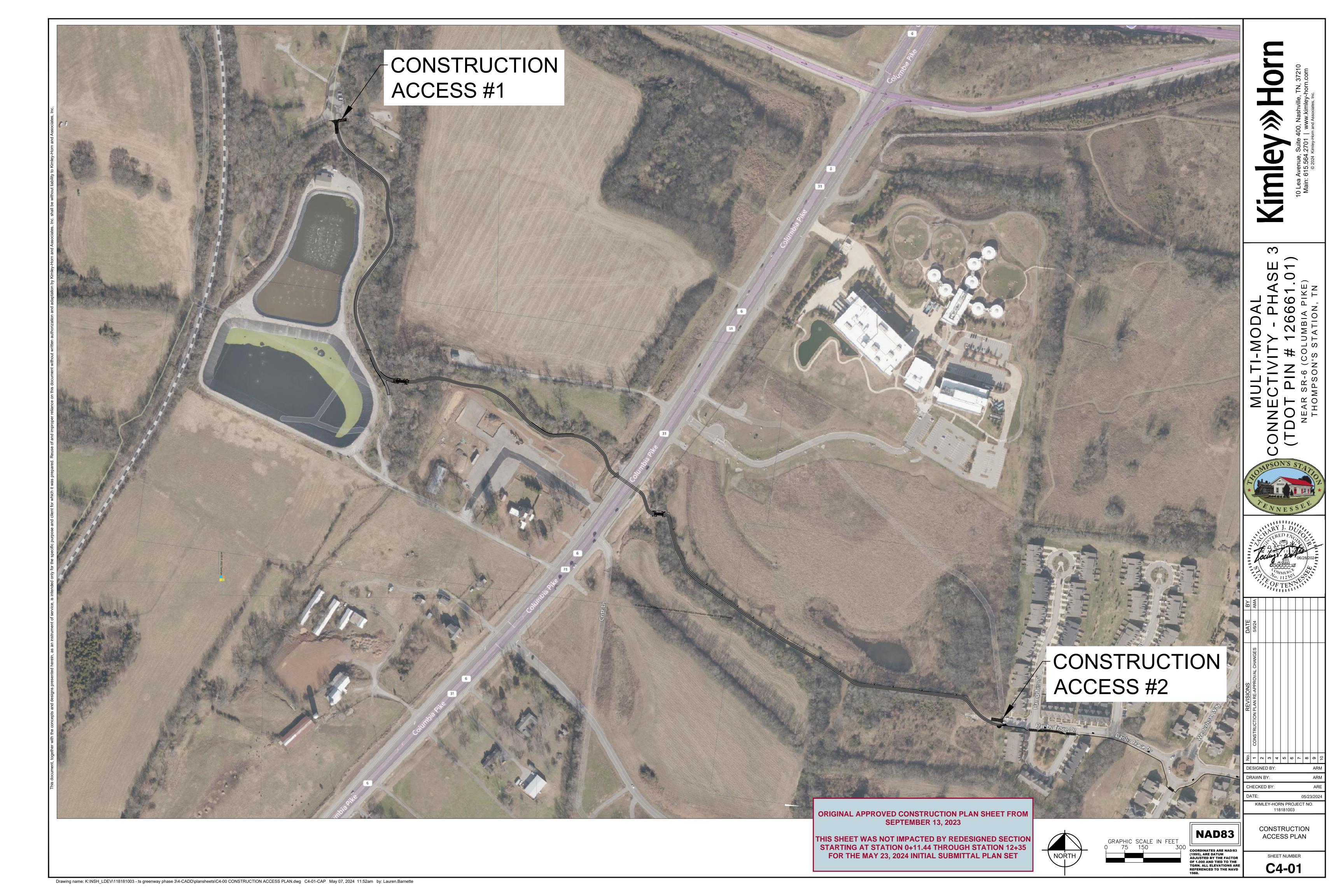
PROPOSED SITE LAYOUT

> SHEET NUMBER C3-11





Drawing name: K:\NSH_LDEV\118181003 - ts greenway phase 3\4-CADD\plansheets\C3-10 TRAILHEAD ENLARGEMENT PLAN.dwg C3-13 TRAILHEAD ENLARGEMENT PLANS May 07, 2024 11:52am by: Lauren.Barnette

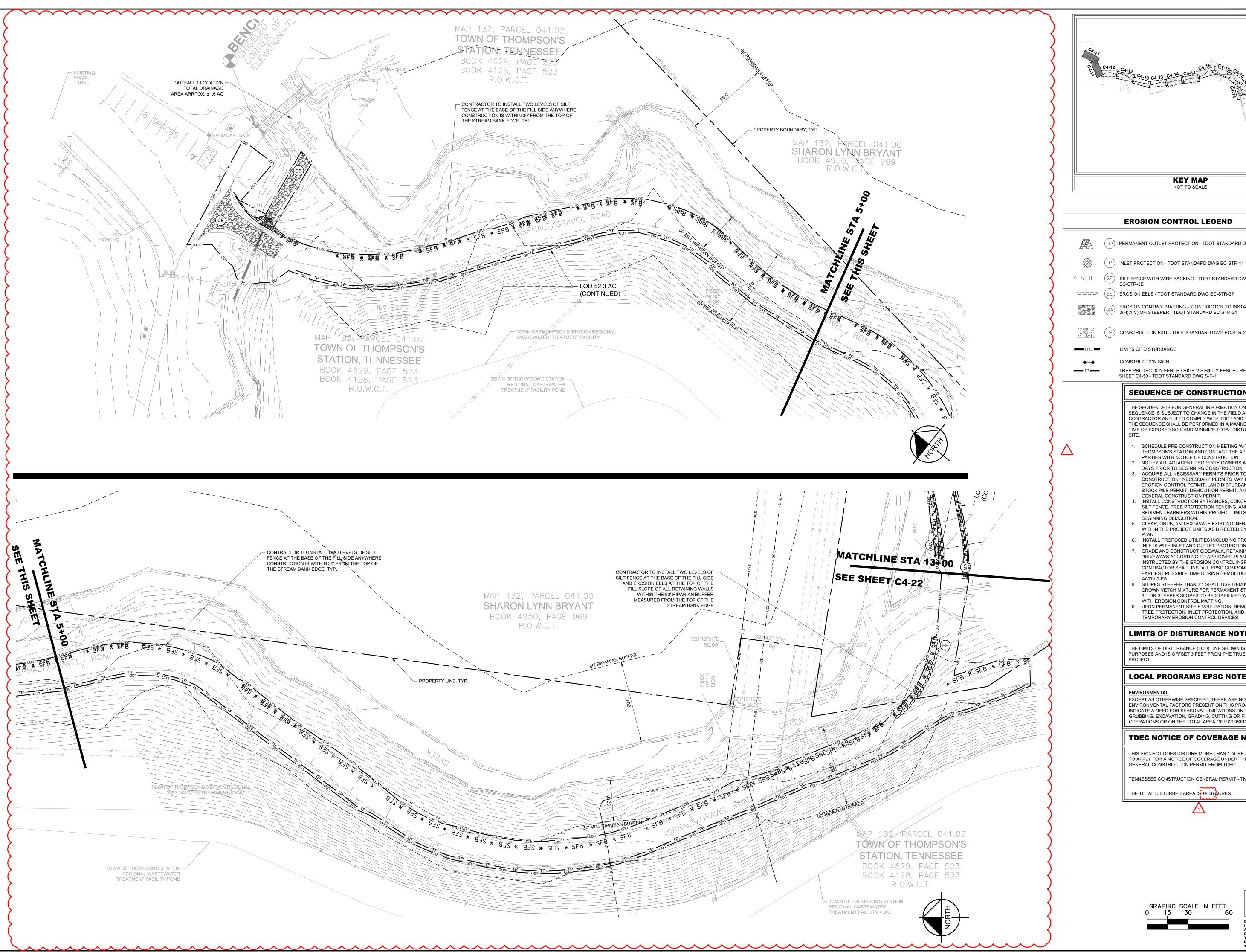




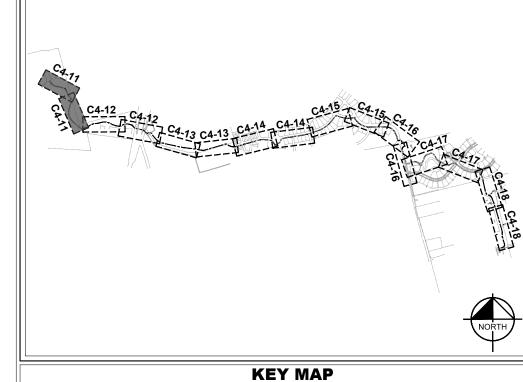
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CONSTRUCTION ACCESS PLAN

SHEET NUMBER C4-02



Drawing name: K:\NSH_LDEV\118181003 - ts greenway phase 3\4-CADD\plansheets\C4-00 EROSION CONTROL PLAN - PHASE 1.dwg C4-21 EROSION CONTROL PLAN Jun 17, 2024 2:24pm by: Ashley.Akers



EROSION CONTROL LEGEND

(OP) PERMANENT OUTLET PROTECTION - TDOT STANDARD DWG EC-STR-21

* SFB SILT FENCE WITH WIRE BACKING - TDOT STANDARD DWG EC-STR-3C & EC-STR-3E

EROSION CONTROL MATTING - CONTRACTOR TO INSTALL ON ALL SLOPES 3(H):1(V) OR STEEPER - TDOT STANDARD EC-STR-34

(CE) CONSTRUCTION EXIT - TDOT STANDARD DWG EC-STR-25

LIMITS OF DISTURBANCE

CONSTRUCTION SIGN

TREE PROTECTION FENCE / HIGH VISIBILITY FENCE - REFER TO DETAIL #3 SHEET C4-50 - TDOT STANDARD DWG S-F-1

SEQUENCE OF CONSTRUCTION

THE SEQUENCE IS FOR GENERAL INFORMATION ONLY. THE SEQUENCE IS SUBJECT TO CHANGE IN THE FIELD AS NEEDED BY THE CONTRACTOR AND IS TO COMPLY WITH TDOT AND TDEC STANDARDS. THE SEQUENCE SHALL BE PERFORMED IN A MANNER TO MINIMIZE TIME OF EXPOSED SOIL AND MINIMIZE TOTAL DISTURBANCE TO THE

- SCHEDULE PRE-CONSTRUCTION MEETING WITH TOWN OF THOMPSON'S STATION AND CONTACT THE APPROPRIATE
- PARTIES WITH NOTICE OF CONSTRUCTION. NOTIFY ALL ADJACENT PROPERTY OWNERS A MINIMUM OF 30 DAYS PRIOR TO BEGINNING CONSTRUCTION. ACQUIRE ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION. NECESSARY PERMITS MAY INCLUDE AN EROSION CONTROL PERMIT, LAND DISTURBANCE PERMIT,
- STOCK PILE PERMIT, DEMOLITION PERMIT, AND NPDES GENERAL CONSTRUCTION PERMIT. INSTALL CONSTRUCTION ENTRANCES, CONCRETE WASHOUTS, SILT FENCE, TREE PROTECTION FENCING, AND OTHER SEDIMENT BARRIERS WITHIN PROJECT LIMITS PRIOR TO
- BEGINNING DEMOLITION. CLEAR, GRUB, AND EXCAVATE EXISTING INFRASTRUCTURE
- WITHIN THE PROJECT LIMITS AS DIRECTED BY THE DEMOLITION
- INSTALL PROPOSED UTILITIES INCLUDING PROPOSED STORM INLETS WITH INLET AND OUTLET PROTECTION. GRADE AND CONSTRUCT SIDEWALK, RETAINING WALLS, AND DRIVEWAYS ACCORDING TO APPROVED PLANS, OR AS INSTRUCTED BY THE EROSION CONTROL INSPECTOR. CONTRACTOR SHALL INSTALL EPSC COMPONENTS AT THE
- EARLIEST POSSIBLE TIME DURING DEMOLITION AND GRADING SLOPES STEEPER THAN 3:1 SHALL USE ITEM NO. 801-01.02, CROWN VETCH MIXTURE FOR PERMANENT STABILIZATION. ALL
- 3:1 OR STEEPER SLOPES TO BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL MATTING. UPON PERMANENT SITE STABILIZATION. REMOVE SILT FENCE. TREE PROTECTION, INLET PROTECTION, AND ALL OTHER TEMPORARY EROSION CONTROL DEVICES.

LIMITS OF DISTURBANCE NOTE

THE LIMITS OF DISTURBANCE (LOD) LINE SHOWN IS FOR GRAPHICAL PURPOSES AND IS OFFSET 3 FEET FROM THE TRUE LIMITS OF THE

LOCAL PROGRAMS EPSC NOTE

EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OPERATIONS OR ON THE TOTAL AREA OF EXPOSED SOIL

TDEC NOTICE OF COVERAGE NOTE

THIS PROJECT DOES DISTURB MORE THAN 1 ACRE AND IS REQUIRED TO APPLY FOR A NOTICE OF COVERAGE UNDER THE TENNESSEE GENERAL CONSTRUCTION PERMIT FROM TDEC.

TENNESSEE CONSTRUCTION GENERAL PERMIT - TNR TBD

THE TOTAL DISTURBED AREA IS ±8.06 ACRES.



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EROSION CONTROL

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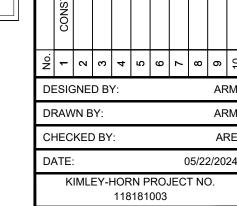
NAD83 COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARI

PLAN PHASE 1 SHEET NUMBER C4-11



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CONTRACTOR AND IS TO COMPLY WITH TDOT AND TDEC STANDARDS. TIME OF EXPOSED SOIL AND MINIMIZE TOTAL DISTURBANCE TO THE



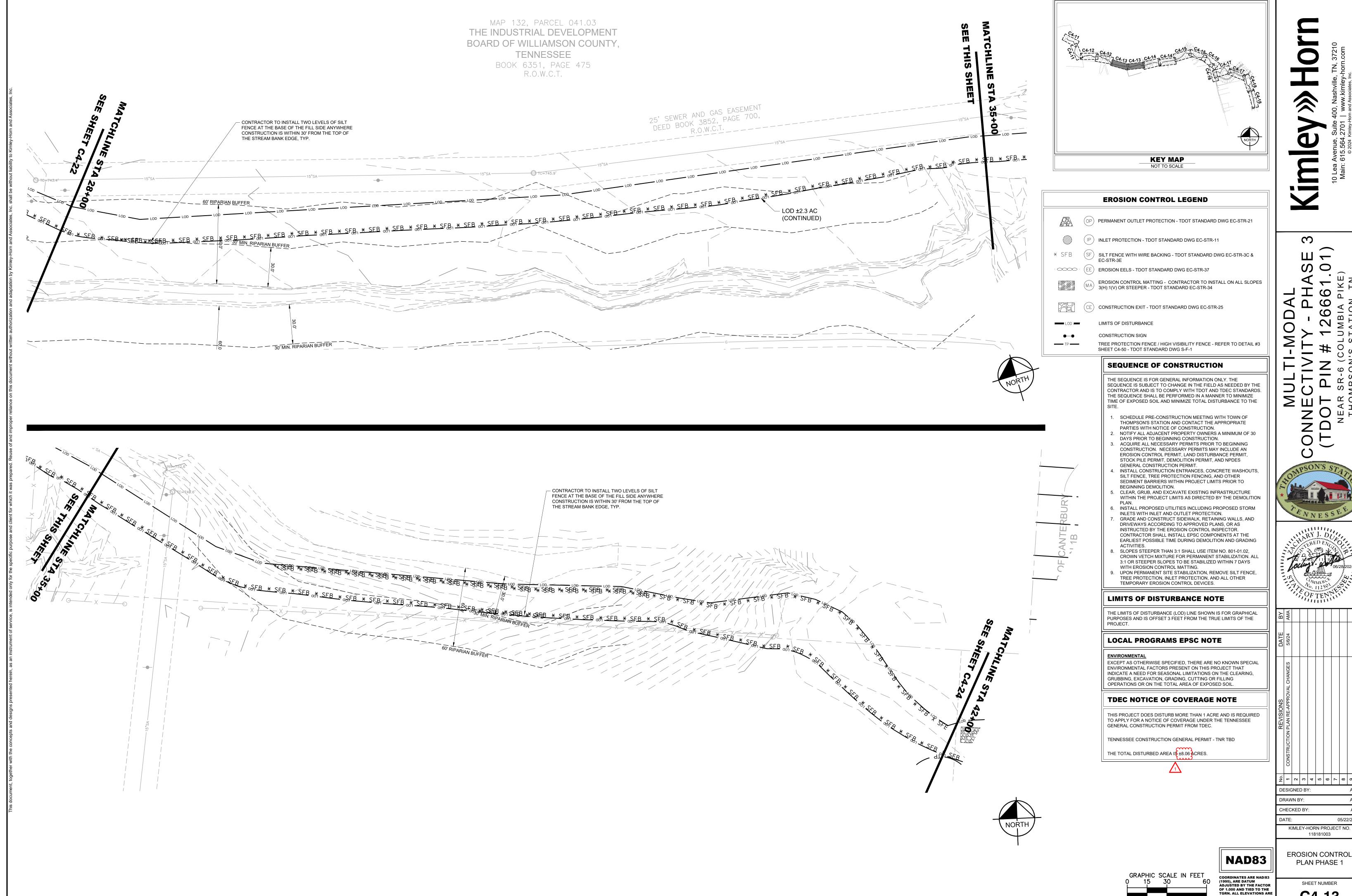
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COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARI

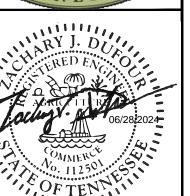
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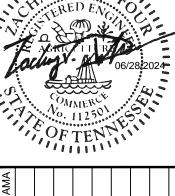
EROSION CONTROL

PLAN PHASE 1

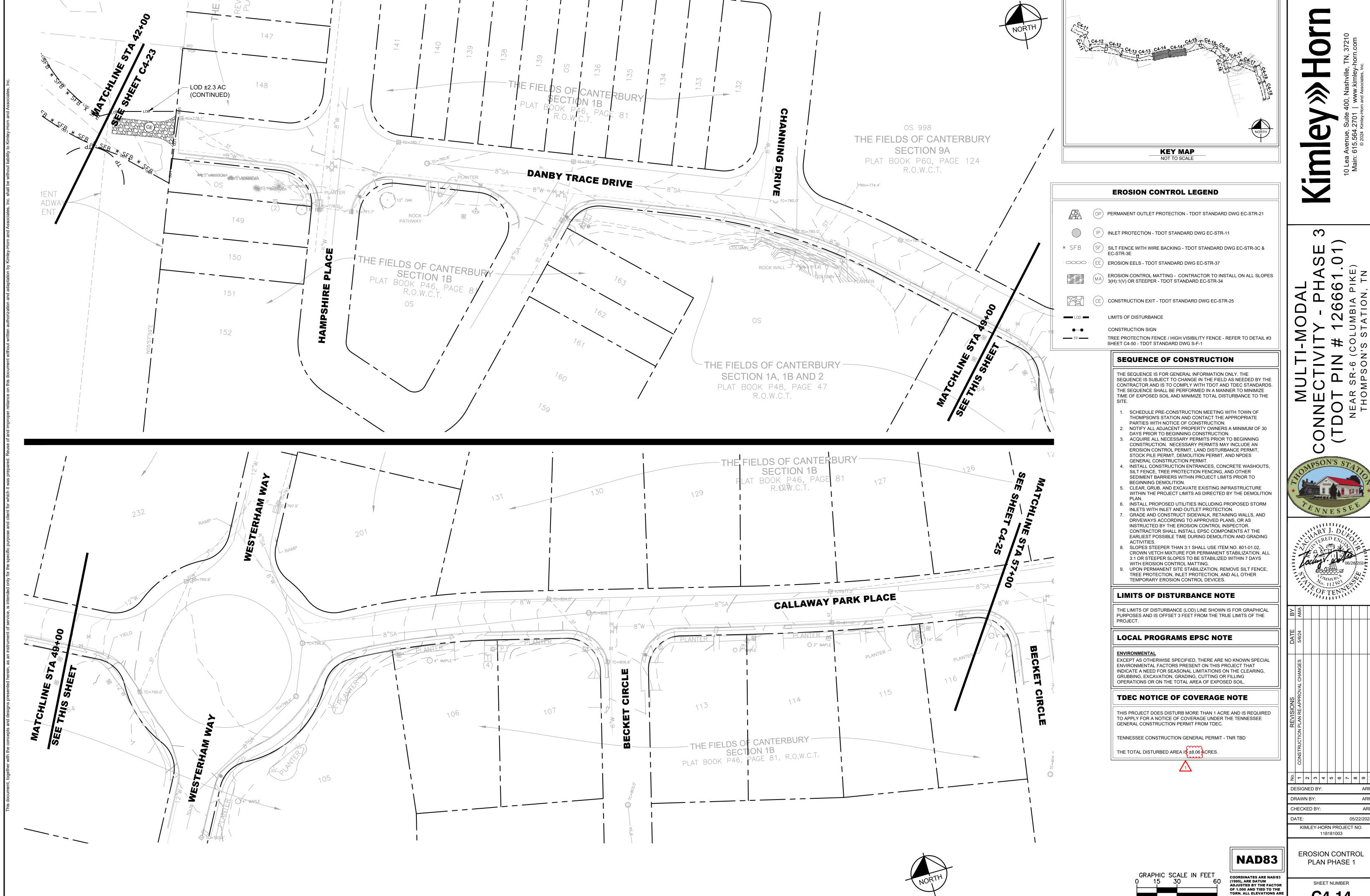


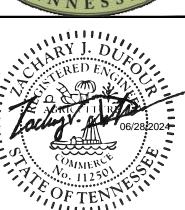






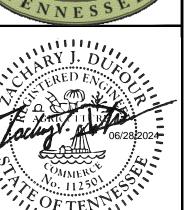
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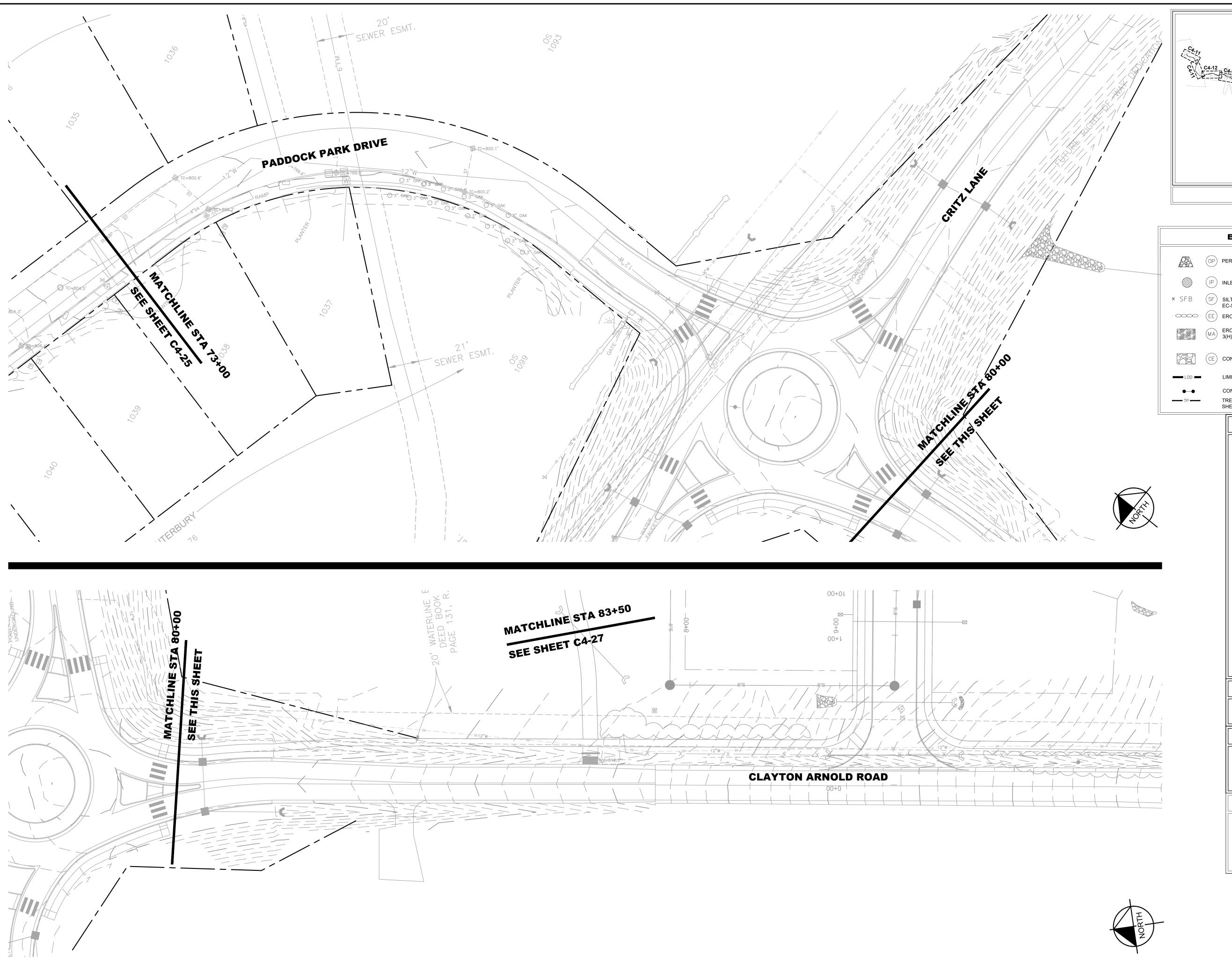


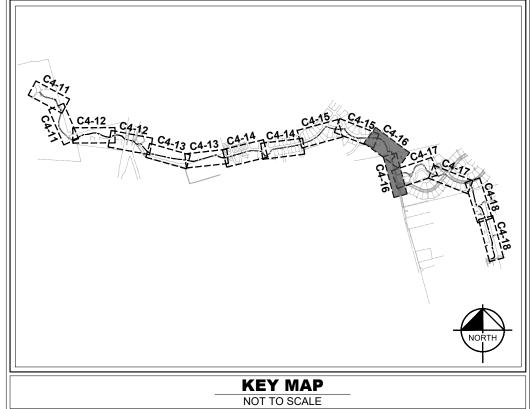












EROSION CONTROL LEGEND

(OP) PERMANENT OUTLET PROTECTION - TDOT STANDARD DWG EC-STR-21

IP INLET PROTECTION - TDOT STANDARD DWG EC-STR-11

* SFB SILT FENCE WITH WIRE BACKING - TDOT STANDARD DWG EC-STR-3C & EC-STR-3E

EE EROSION EELS - TDOT STANDARD DWG EC-STR-37

EROSION CONTROL MATTING - CONTRACTOR TO INSTALL ON ALL SLOPES 3(H):1(V) OR STEEPER - TDOT STANDARD EC-STR-34

(CE) CONSTRUCTION EXIT - TDOT STANDARD DWG EC-STR-25

.od **LIMITS OF DISTURBANCE**

CONSTRUCTION SIGN

TREE PROTECTION FENCE / HIGH VISIBILITY FENCE - REFER TO DETAIL #3 SHEET C4-50 - TDOT STANDARD DWG S-F-1

SEQUENCE OF CONSTRUCTION

THE SEQUENCE IS FOR GENERAL INFORMATION ONLY. THE SEQUENCE IS SUBJECT TO CHANGE IN THE FIELD AS NEEDED BY THE CONTRACTOR AND IS TO COMPLY WITH TDOT AND TDEC STANDARDS. THE SEQUENCE SHALL BE PERFORMED IN A MANNER TO MINIMIZE TIME OF EXPOSED SOIL AND MINIMIZE TOTAL DISTURBANCE TO THE

- SCHEDULE PRE-CONSTRUCTION MEETING WITH TOWN OF THOMPSON'S STATION AND CONTACT THE APPROPRIATE
- PARTIES WITH NOTICE OF CONSTRUCTION.

 2. NOTIFY ALL ADJACENT PROPERTY OWNERS A MINIMUM OF DAYS PRIOR TO BEGINNING CONSTRUCTION.

 3. ACQUIRE ALL NECESSARY PERMITS PRIOR TO BEGINNING
- EROSION CONTROL PERMIT, LAND DISTURBANCE PERMIT,
 STOCK PILE PERMIT, DEMOLITION PERMIT, AND NPDES
 GENERAL CONSTRUCTION PERMIT.

 4. INSTALL CONSTRUCTION ENTRANCES, CONCRETE WASHOUTS,
- SILT FENCE, TREE PROTECTION FENCING, AND OTHER SEDIMENT BARRIERS WITHIN PROJECT LIMITS PRIOR TO BEGINNING DEMOLITION.
- 5. CLEAR, GRUB, AND EXCAVATE EXISTING INFRASTRUCTURE WITHIN THE PROJECT LIMITS AS DIRECTED BY THE DEMOLITION
- INSTALL PROPOSED UTILITIES INCLUDING PROPOSED STORM INLETS WITH INLET AND OUTLET PROTECTION.
 GRADE AND CONSTRUCT SIDEWALK, RETAINING WALLS, AND
- DRIVEWAYS ACCORDING TO APPROVED PLANS, OR AS INSTRUCTED BY THE EROSION CONTROL INSPECTOR.
 CONTRACTOR SHALL INSTALL EPSC COMPONENTS AT THE EARLIEST POSSIBLE TIME DURING DEMOLITION AND GRADING
- ACTIVITIES.

 8. SLOPES STEEPER THAN 3:1 SHALL USE ITEM NO. 801-01.02, CROWN VETCH MIXTURE FOR PERMANENT STABILIZATION. ALL 3:1 OR STEEPER SLOPES TO BE STABILIZED WITHIN 7 DAYS
- 3:1 OR STEEPER SLOPES TO BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL MATTING.

 UPON PERMANENT SITE STABILIZATION, REMOVE SILT FENCE, TREE PROTECTION, INLET PROTECTION, AND ALL OTHER TEMPORARY EROSION CONTROL DEVICES.

LIMITS OF DISTURBANCE NOTE

THE LIMITS OF DISTURBANCE (LOD) LINE SHOWN IS FOR GRAPHICAL PURPOSES AND IS OFFSET 3 FEET FROM THE TRUE LIMITS OF THE

LOCAL PROGRAMS EPSC NOTE

ENVIRONMENTA

EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OPERATIONS OR ON THE TOTAL AREA OF EXPOSED SOIL.

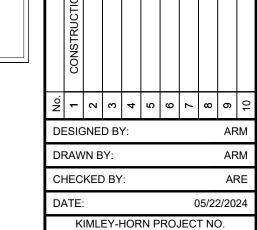
TDEC NOTICE OF COVERAGE NOTE

THIS PROJECT DOES DISTURB MORE THAN 1 ACRE AND IS REQUIRED TO APPLY FOR A NOTICE OF COVERAGE UNDER THE TENNESSEE GENERAL CONSTRUCTION PERMIT FROM TDEC.

TENNESSEE CONSTRUCTION GENERAL PERMIT - TNR TBD

THE TOTAL DISTURBED AREA 15 ±8.06 ACRES.





NAD83

SHEET NUMBER

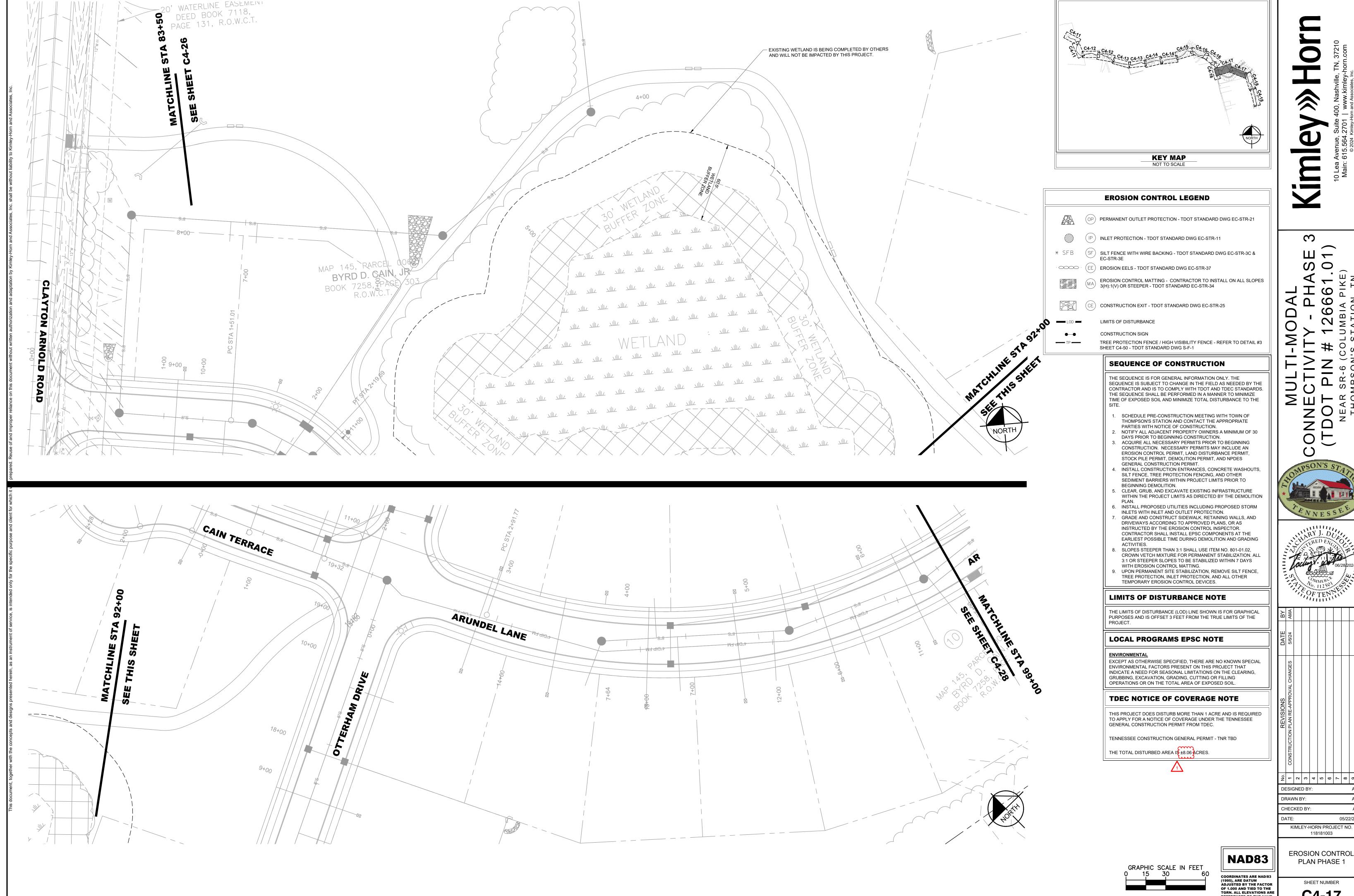
C4-16

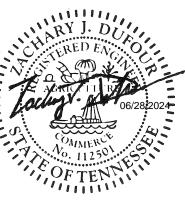
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EROSION CONTROL

PLAN PHASE 1

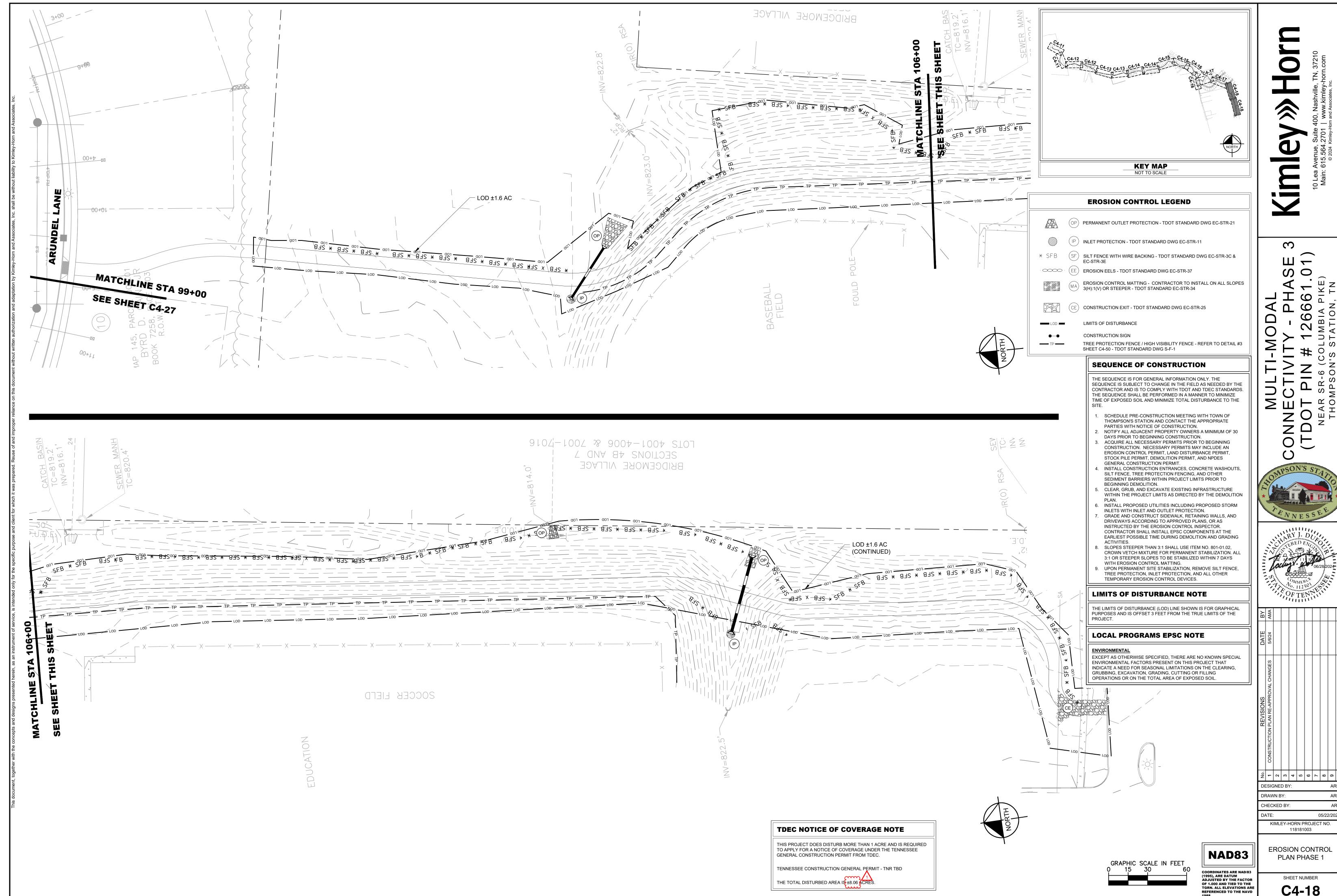
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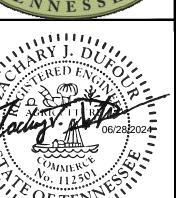


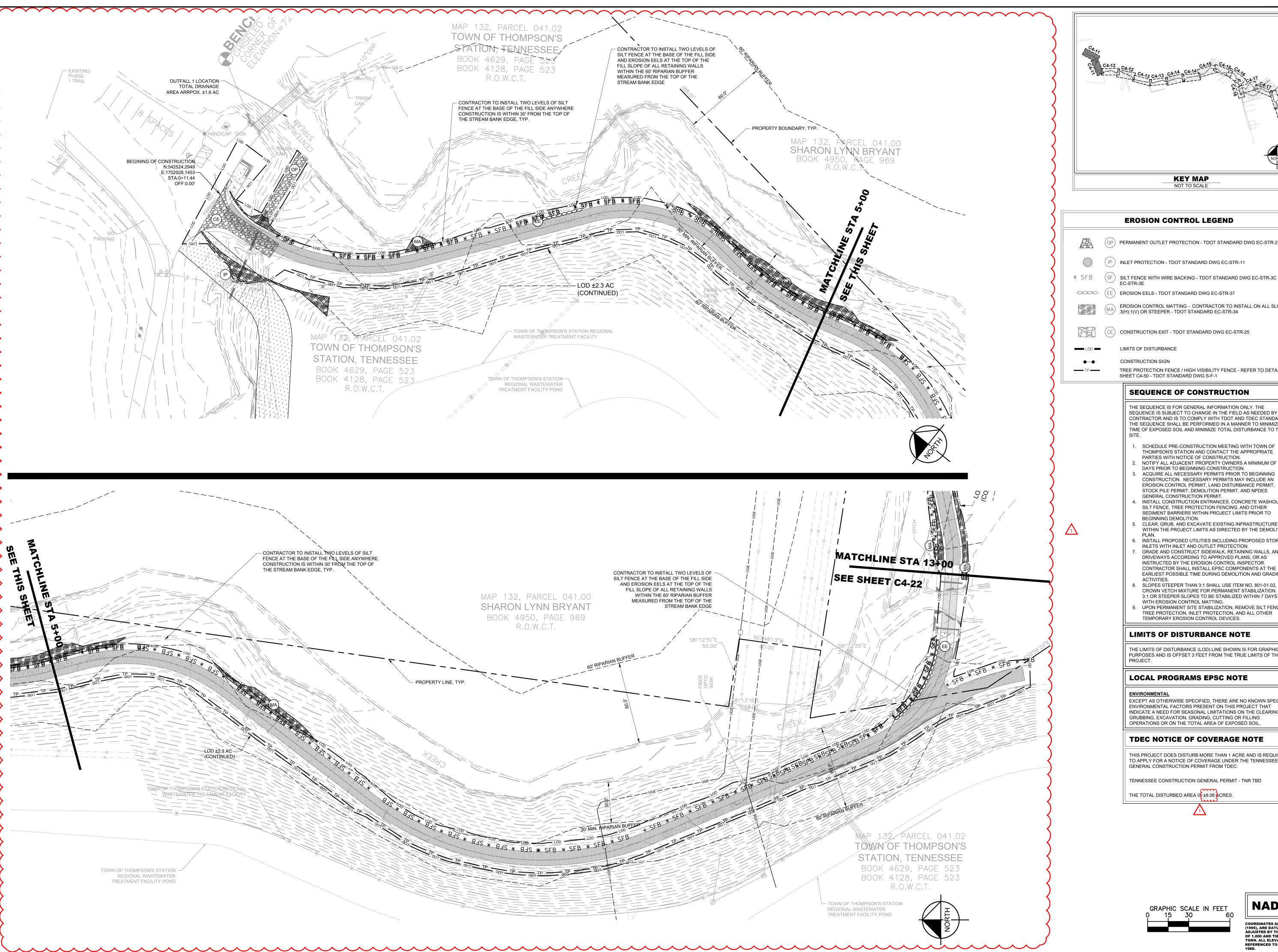


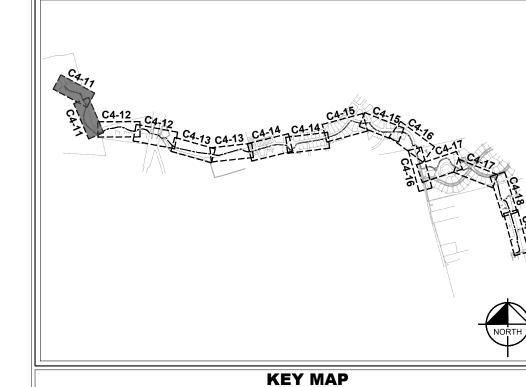
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KIMLEY-HORN PROJECT NO.









NOT TO SCALE

EROSION CONTROL LEGEND

(OP) PERMANENT OUTLET PROTECTION - TDOT STANDARD DWG EC-STR-21

* SFB (SF) SILT FENCE WITH WIRE BACKING - TDOT STANDARD DWG EC-STR-3C &

EROSION CONTROL MATTING - CONTRACTOR TO INSTALL ON ALL SLOPES 3(H):1(V) OR STEEPER - TDOT STANDARD EC-STR-34

TREE PROTECTION FENCE / HIGH VISIBILITY FENCE - REFER TO DETAIL #3 SHEET C4-50 - TDOT STANDARD DWG S-F-1

SEQUENCE OF CONSTRUCTION

THE SEQUENCE IS FOR GENERAL INFORMATION ONLY. THE SEQUENCE IS SUBJECT TO CHANGE IN THE FIELD AS NEEDED BY THE CONTRACTOR AND IS TO COMPLY WITH TDOT AND TDEC STANDARDS. THE SEQUENCE SHALL BE PERFORMED IN A MANNER TO MINIMIZE TIME OF EXPOSED SOIL AND MINIMIZE TOTAL DISTURBANCE TO THE

- SCHEDULE PRE-CONSTRUCTION MEETING WITH TOWN OF THOMPSON'S STATION AND CONTACT THE APPROPRIATE
- PARTIES WITH NOTICE OF CONSTRUCTION. NOTIFY ALL ADJACENT PROPERTY OWNERS A MINIMUM OF 30 DAYS PRIOR TO BEGINNING CONSTRUCTION. ACQUIRE ALL NECESSARY PERMITS PRIOR TO BEGINNING
- STOCK PILE PERMIT, DEMOLITION PERMIT, AND NPDES GENERAL CONSTRUCTION PERMIT. INSTALL CONSTRUCTION ENTRANCES, CONCRETE WASHOUTS, SILT FENCE, TREE PROTECTION FENCING, AND OTHER SEDIMENT BARRIERS WITHIN PROJECT LIMITS PRIOR TO
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- CONTRACTOR SHALL INSTALL EPSC COMPONENTS AT THE EARLIEST POSSIBLE TIME DURING DEMOLITION AND GRADING SLOPES STEEPER THAN 3:1 SHALL USE ITEM NO. 801-01.02,
- CROWN VETCH MIXTURE FOR PERMANENT STABILIZATION. ALL 3:1 OR STEEPER SLOPES TO BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL MATTING. UPON PERMANENT SITE STABILIZATION, REMOVE SILT FENCE, TREE PROTECTION, INLET PROTECTION, AND ALL OTHER TEMPORARY EROSION CONTROL DEVICES.

LIMITS OF DISTURBANCE NOTE

THE LIMITS OF DISTURBANCE (LOD) LINE SHOWN IS FOR GRAPHICAL PURPOSES AND IS OFFSET 3 FEET FROM THE TRUE LIMITS OF THE

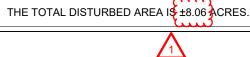
LOCAL PROGRAMS EPSC NOTE

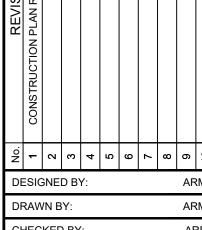
EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING

TDEC NOTICE OF COVERAGE NOTE

THIS PROJECT DOES DISTURB MORE THAN 1 ACRE AND IS REQUIRED TO APPLY FOR A NOTICE OF COVERAGE UNDER THE TENNESSEE GENERAL CONSTRUCTION PERMIT FROM TDEC.

TENNESSEE CONSTRUCTION GENERAL PERMIT - TNR TBD





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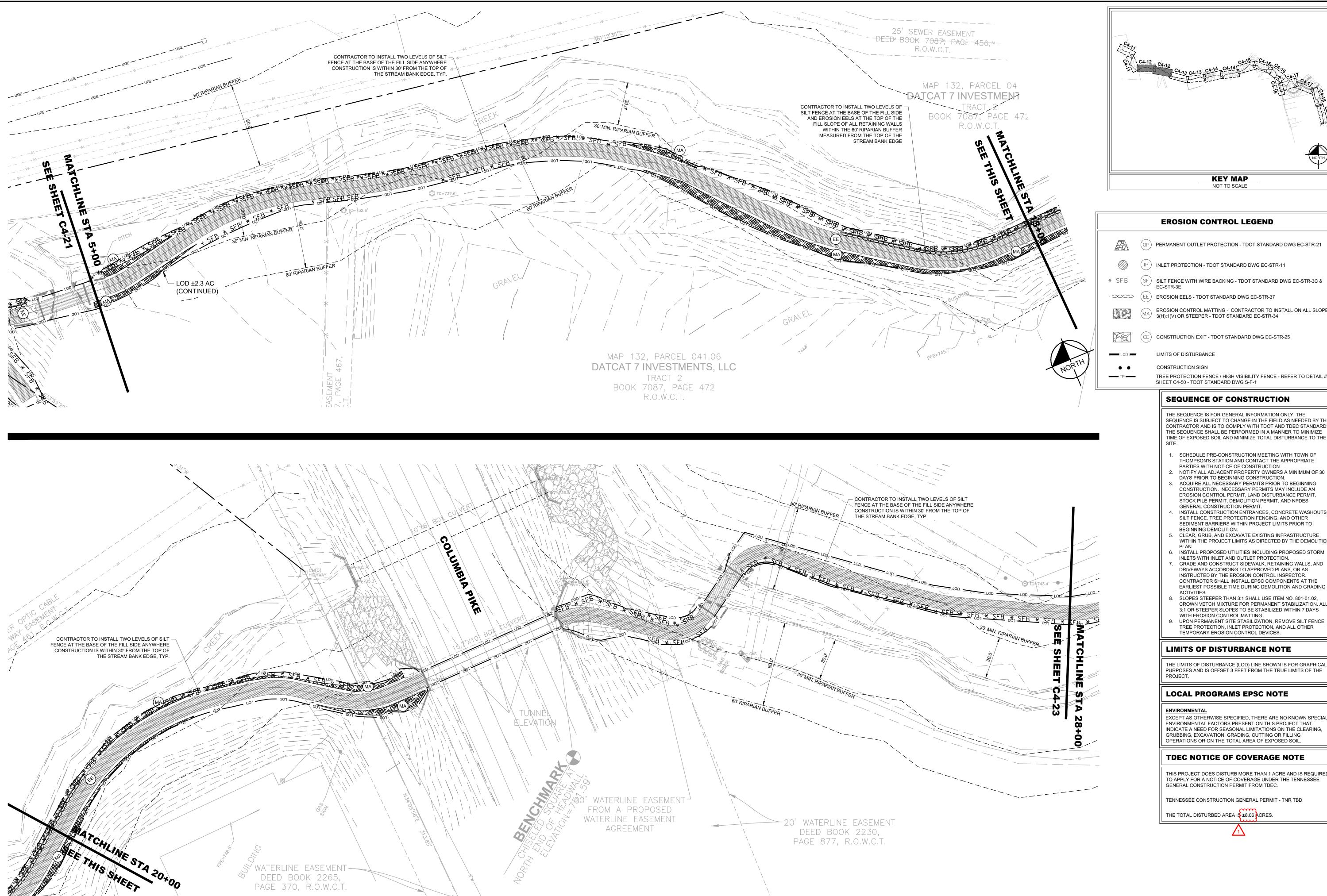
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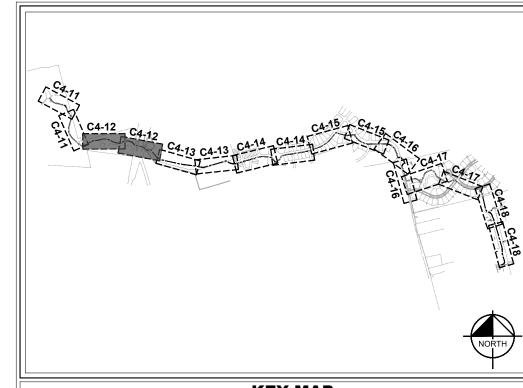
> **EROSION CONTROL** PLAN PHASE 2

SHEET NUMBER C4-21

COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARI

NAD83





(OP) PERMANENT OUTLET PROTECTION - TDOT STANDARD DWG EC-STR-21

EROSION CONTROL MATTING - CONTRACTOR TO INSTALL ON ALL SLOPES 3(H):1(V) OR STEEPER - TDOT STANDARD EC-STR-34

TREE PROTECTION FENCE / HIGH VISIBILITY FENCE - REFER TO DETAIL #3

THE SEQUENCE IS FOR GENERAL INFORMATION ONLY. THE SEQUENCE IS SUBJECT TO CHANGE IN THE FIELD AS NEEDED BY THE CONTRACTOR AND IS TO COMPLY WITH TDOT AND TDEC STANDARDS. THE SEQUENCE SHALL BE PERFORMED IN A MANNER TO MINIMIZE TIME OF EXPOSED SOIL AND MINIMIZE TOTAL DISTURBANCE TO THE

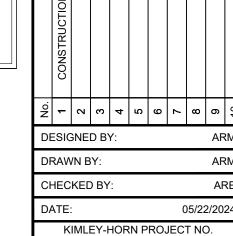
- THOMPSON'S STATION AND CONTACT THE APPROPRIATE
- ACQUIRE ALL NECESSARY PERMITS PRIOR TO BEGINNING
- INSTALL CONSTRUCTION ENTRANCES, CONCRETE WASHOUTS, SILT FENCE, TREE PROTECTION FENCING, AND OTHER
- SEDIMENT BARRIERS WITHIN PROJECT LIMITS PRIOR TO CLEAR, GRUB, AND EXCAVATE EXISTING INFRASTRUCTURE
- WITHIN THE PROJECT LIMITS AS DIRECTED BY THE DEMOLITION
- INSTALL PROPOSED UTILITIES INCLUDING PROPOSED STORM INLETS WITH INLET AND OUTLET PROTECTION. GRADE AND CONSTRUCT SIDEWALK, RETAINING WALLS, AND DRIVEWAYS ACCORDING TO APPROVED PLANS, OR AS
- INSTRUCTED BY THE EROSION CONTROL INSPECTOR. CONTRACTOR SHALL INSTALL EPSC COMPONENTS AT THE EARLIEST POSSIBLE TIME DURING DEMOLITION AND GRADING
- CROWN VETCH MIXTURE FOR PERMANENT STABILIZATION. ALL 3:1 OR STEEPER SLOPES TO BE STABILIZED WITHIN 7 DAYS

THE LIMITS OF DISTURBANCE (LOD) LINE SHOWN IS FOR GRAPHICAL

EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING

THIS PROJECT DOES DISTURB MORE THAN 1 ACRE AND IS REQUIRED

TENNESSEE CONSTRUCTION GENERAL PERMIT - TNR TBD



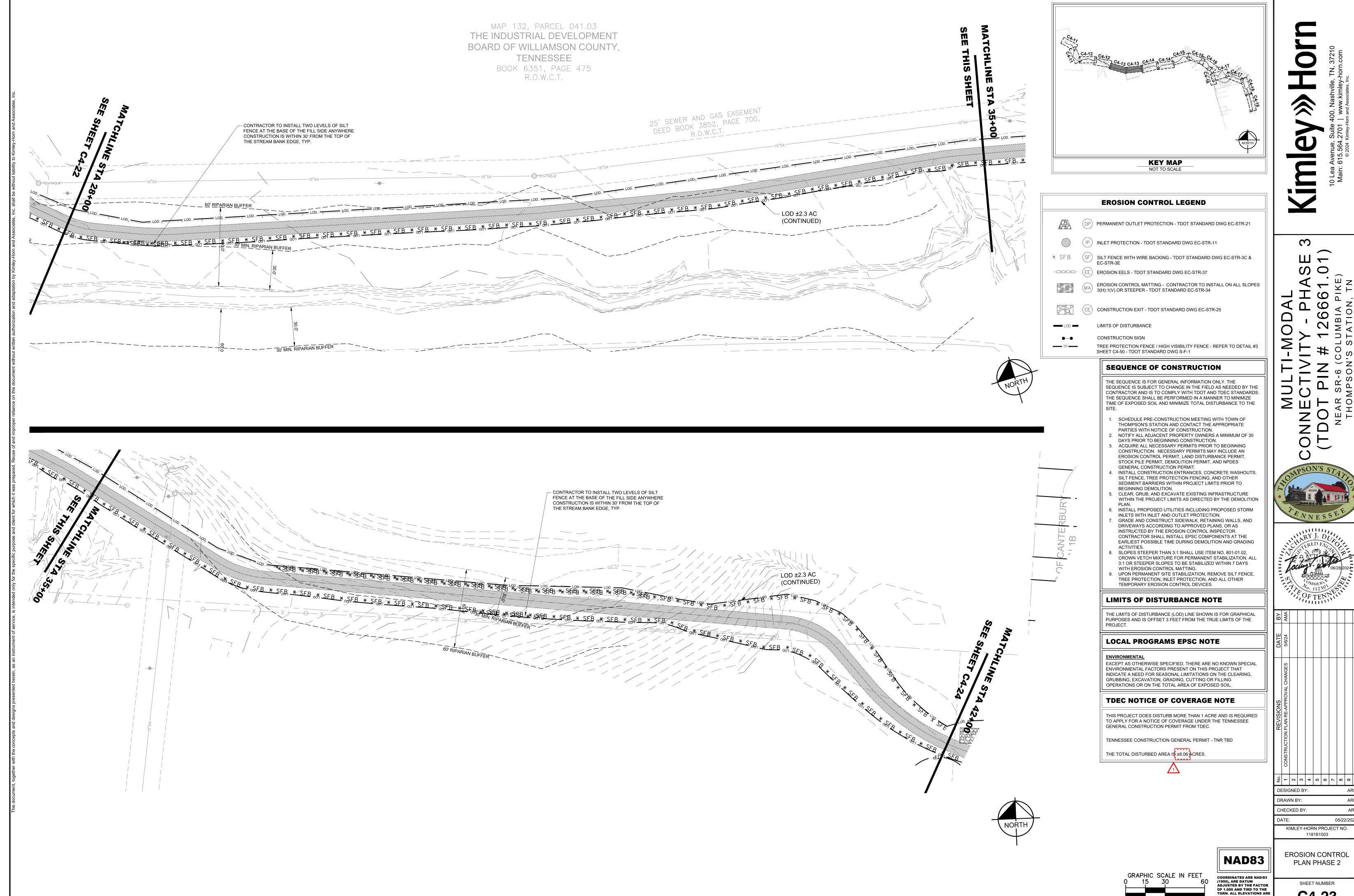
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C4-22

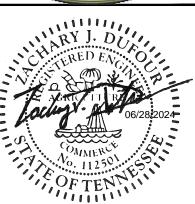
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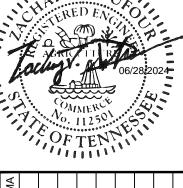
NAD83 COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARI

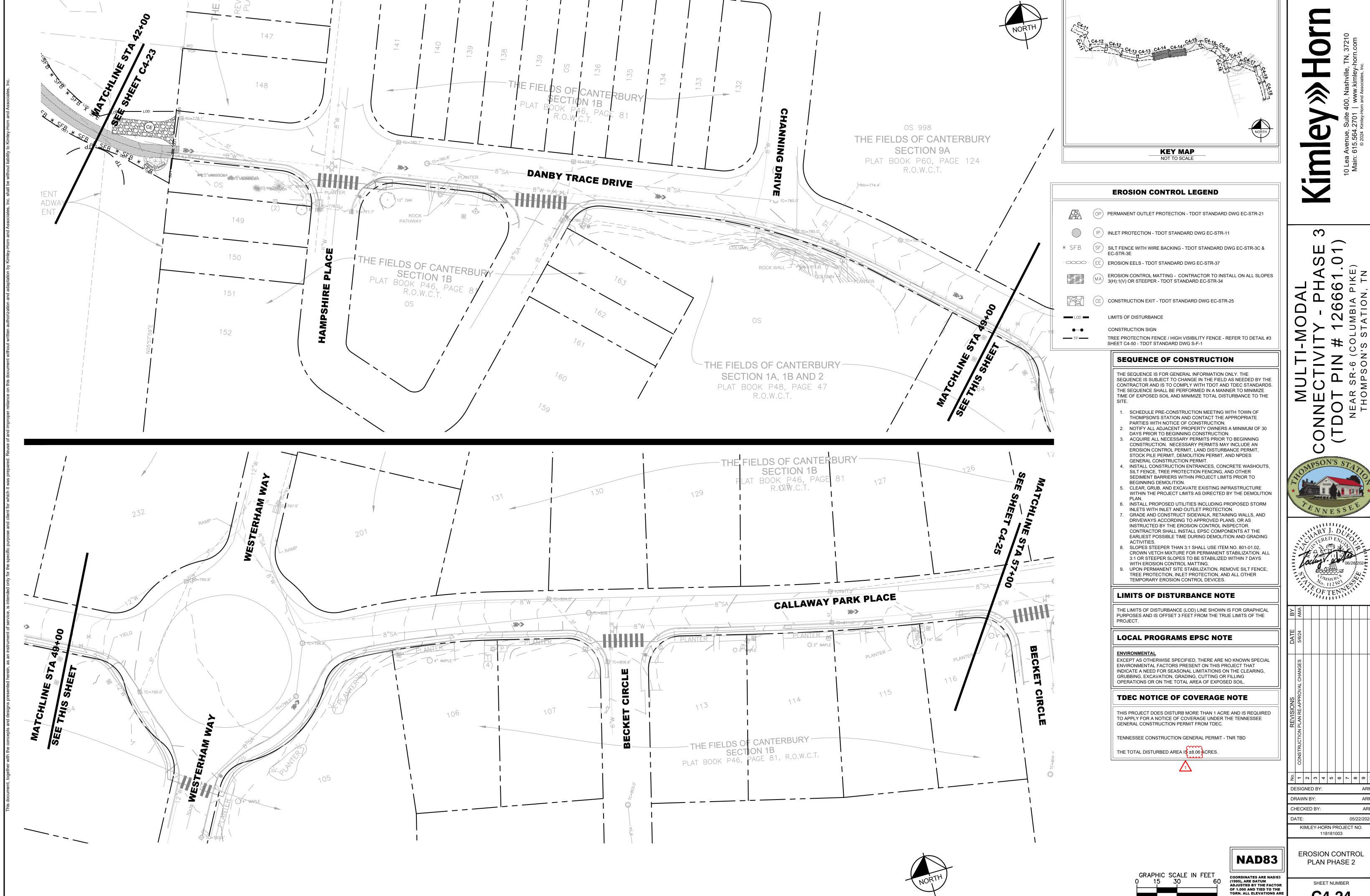
EROSION CONTROL PLAN PHASE 2 SHEET NUMBER

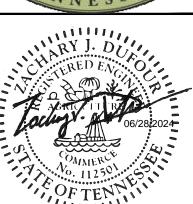




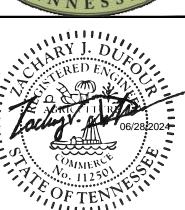


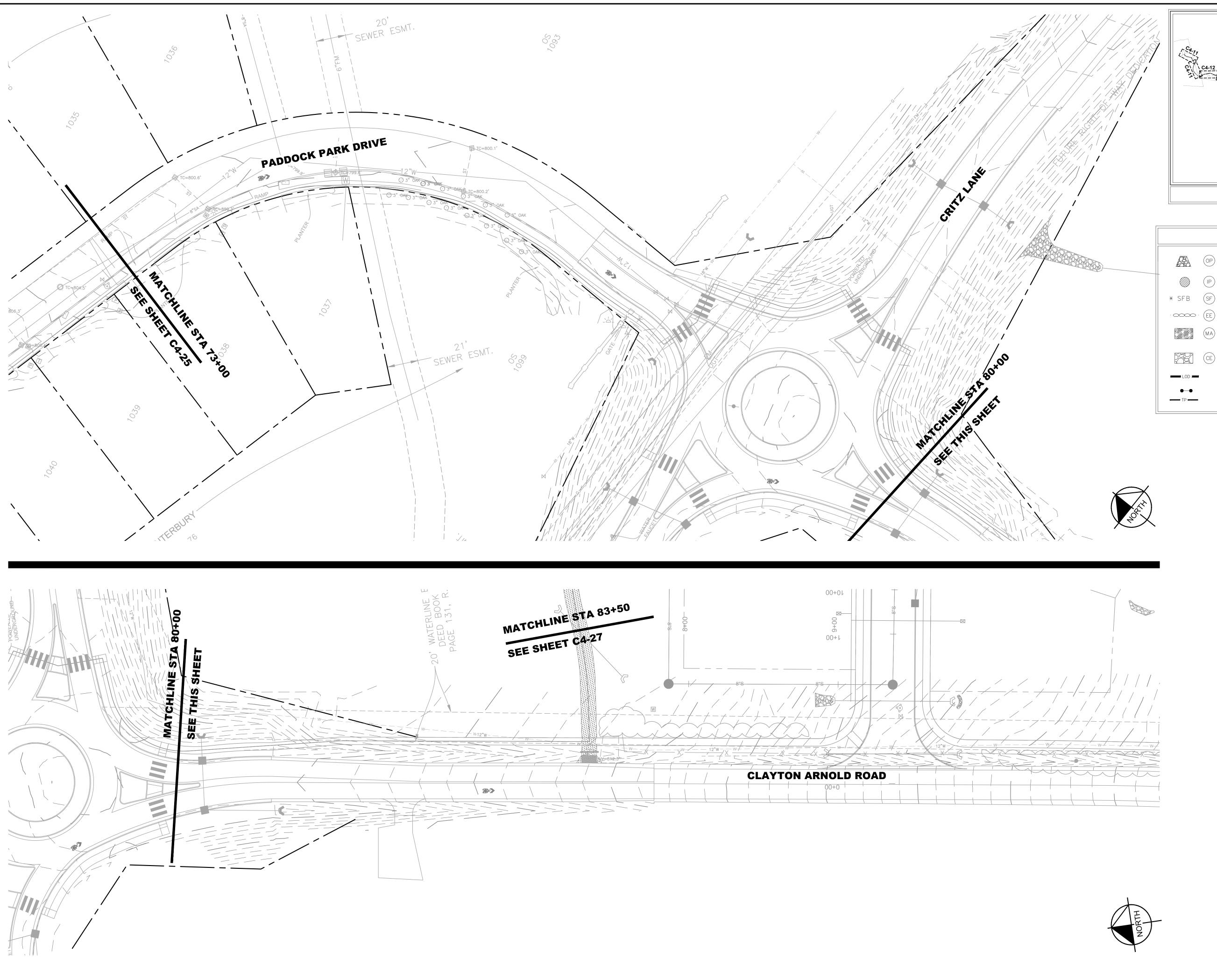


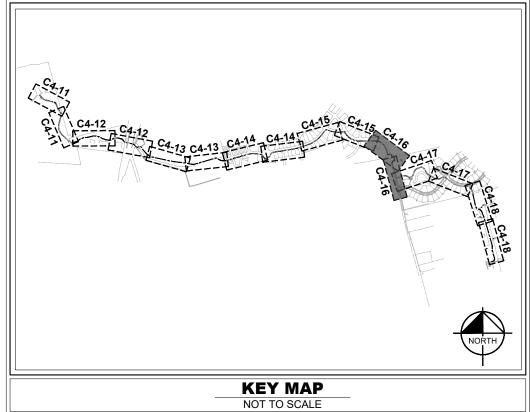












EROSION CONTROL LEGEND

(OP) PERMANENT OUTLET PROTECTION - TDOT STANDARD DWG EC-STR-21

IP INLET PROTECTION - TDOT STANDARD DWG EC-STR-11

* SFB SILT FENCE WITH WIRE BACKING - TDOT STANDARD DWG EC-STR-3C & EC-STR-3E

EE EROSION EELS - TDOT STANDARD DWG EC-STR-37

EROSION CONTROL MATTING - CONTRACTOR TO INSTALL ON ALL SLOPES 3(H):1(V) OR STEEPER - TDOT STANDARD EC-STR-34

CE CONSTRUCTION EXIT - TDOT STANDARD DWG EC-STR-25

LIMITS OF DISTURBANC

CONSTRUCTION SIGN

TREE PROTECTION FENCE / HIGH VISIBILITY FENCE - REFER TO DETAIL #3 SHEET C4-50 - TDOT STANDARD DWG S-F-1

SEQUENCE OF CONSTRUCTION

THE SEQUENCE IS FOR GENERAL INFORMATION ONLY. THE SEQUENCE IS SUBJECT TO CHANGE IN THE FIELD AS NEEDED BY THE CONTRACTOR AND IS TO COMPLY WITH TDOT AND TDEC STANDARDS. THE SEQUENCE SHALL BE PERFORMED IN A MANNER TO MINIMIZE TIME OF EXPOSED SOIL AND MINIMIZE TOTAL DISTURBANCE TO THE

- SCHEDULE PRE-CONSTRUCTION MEETING WITH TOWN OF THOMPSON'S STATION AND CONTACT THE APPROPRIATE

 APPLIES WITH NOTICE OF CONSTRUCTION

 APPLIES WITH NOTICE OF CONSTRUCTION

 OF THE PROPERTY OF THE PROPERTY
- PARTIES WITH NOTICE OF CONSTRUCTION.

 2. NOTIFY ALL ADJACENT PROPERTY OWNERS A MINIMUM OF DAYS PRIOR TO BEGINNING CONSTRUCTION.

 3. ACQUIRE ALL NECESSARY PERMITS PRIOR TO BEGINNING
- EROSION CONTROL PERMIT, LAND DISTURBANCE PERMIT, STOCK PILE PERMIT, DEMOLITION PERMIT, AND NPDES GENERAL CONSTRUCTION PERMIT.

 4. INSTALL CONSTRUCTION ENTRANCES, CONCRETE WASHOUTS, SILT FENCE, TREE PROTECTION FENCING, AND OTHER
- SEDIMENT BARRIERS WITHIN PROJECT LIMITS PRIOR TO BEGINNING DEMOLITION.

 5. CLEAR, GRUB, AND EXCAVATE EXISTING INFRASTRUCTURE
- WITHIN THE PROJECT LIMITS AS DIRECTED BY THE DEMOLITION
- 6. INSTALL PROPOSED UTILITIES INCLUDING PROPOSED STORM INLETS WITH INLET AND OUTLET PROTECTION.
 7. GRADE AND CONSTRUCT SIDEWALK, RETAINING WALLS, AND
- DRIVEWAYS ACCORDING TO APPROVED PLANS, OR AS INSTRUCTED BY THE EROSION CONTROL INSPECTOR. CONTRACTOR SHALL INSTALL EPSC COMPONENTS AT THE EARLIEST POSSIBLE TIME DURING DEMOLITION AND GRADING
- ACTIVITIES.

 8. SLOPES STEEPER THAN 3:1 SHALL USE ITEM NO. 801-01.02,
 CROWN VETCH MIXTURE FOR PERMANENT STABILIZATION. ALL
 3:1 OR STEEPER SLOPES TO BE STABILIZED WITHIN 7 DAYS
- 3:1 OR STEEPER SLOPES TO BE STABILIZED WITHIN 7 DAYS WITH EROSION CONTROL MATTING.
 UPON PERMANENT SITE STABILIZATION, REMOVE SILT FENCE, TREE PROTECTION, INLET PROTECTION, AND ALL OTHER TEMPORARY EROSION CONTROL DEVICES.

LIMITS OF DISTURBANCE NOTE

THE LIMITS OF DISTURBANCE (LOD) LINE SHOWN IS FOR GRAPHICAL PURPOSES AND IS OFFSET 3 FEET FROM THE TRUE LIMITS OF THE

LOCAL PROGRAMS EPSC NOTE

ENVIRONMEN

EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OPERATIONS OR ON THE TOTAL AREA OF EXPOSED SOIL.

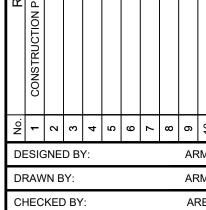
TDEC NOTICE OF COVERAGE NOTE

THIS PROJECT DOES DISTURB MORE THAN 1 ACRE AND IS REQUIRED TO APPLY FOR A NOTICE OF COVERAGE UNDER THE TENNESSEE GENERAL CONSTRUCTION PERMIT FROM TDEC.

TENNESSEE CONSTRUCTION GENERAL PERMIT - TNR TBD

THE TOTAL DISTURBED AREA 15 ±8.06 ACRES.





DRAWN BY:

CHECKED BY:

DATE:

05/22/2

KIMLEY-HORN PROJECT NO.

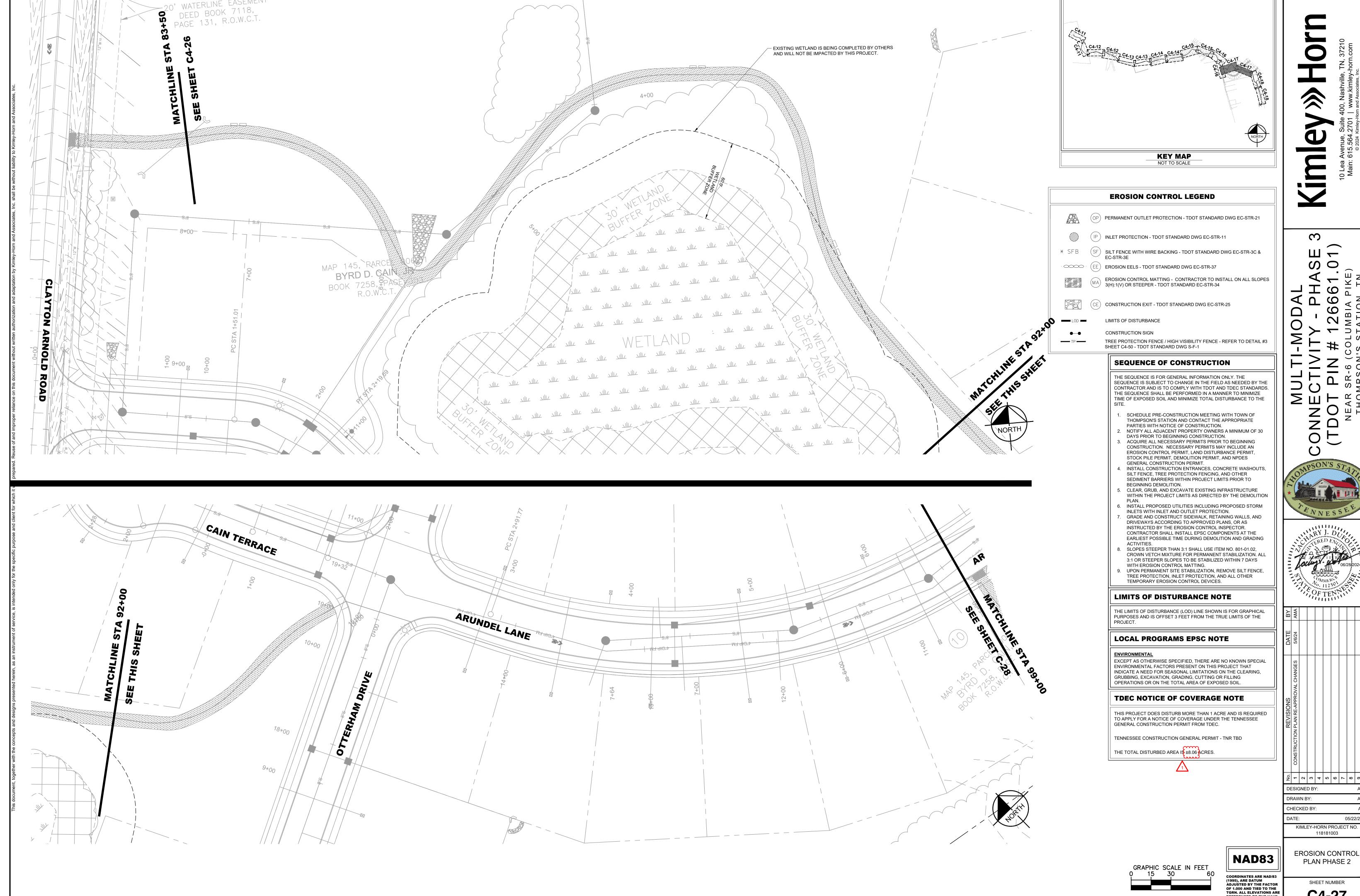
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EROSION CONTROL PLAN PHASE 2

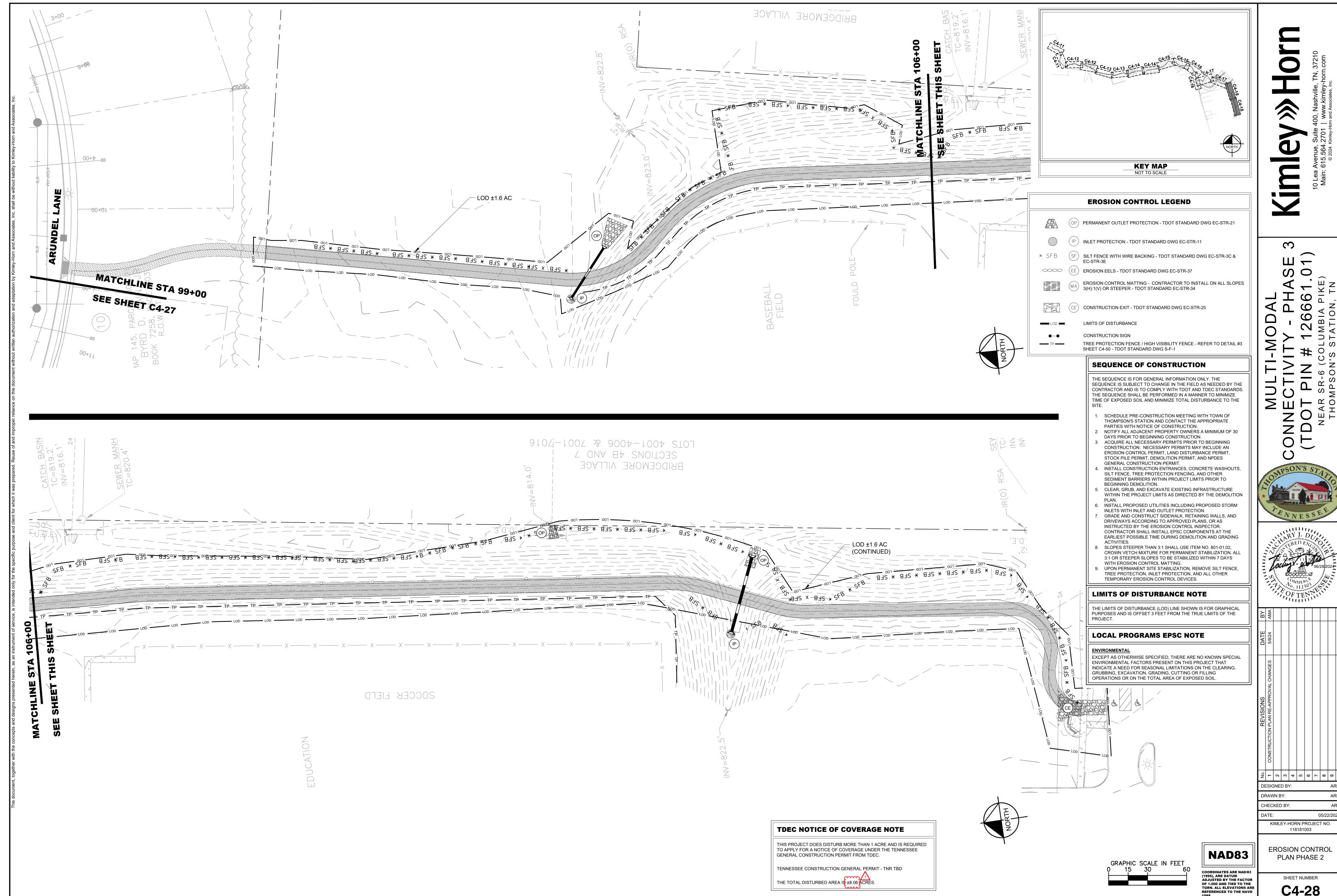
SHEET NUMBER **C4-26**

GRAPHIC SCALE IN FEET
0 15 30 60

NAD83



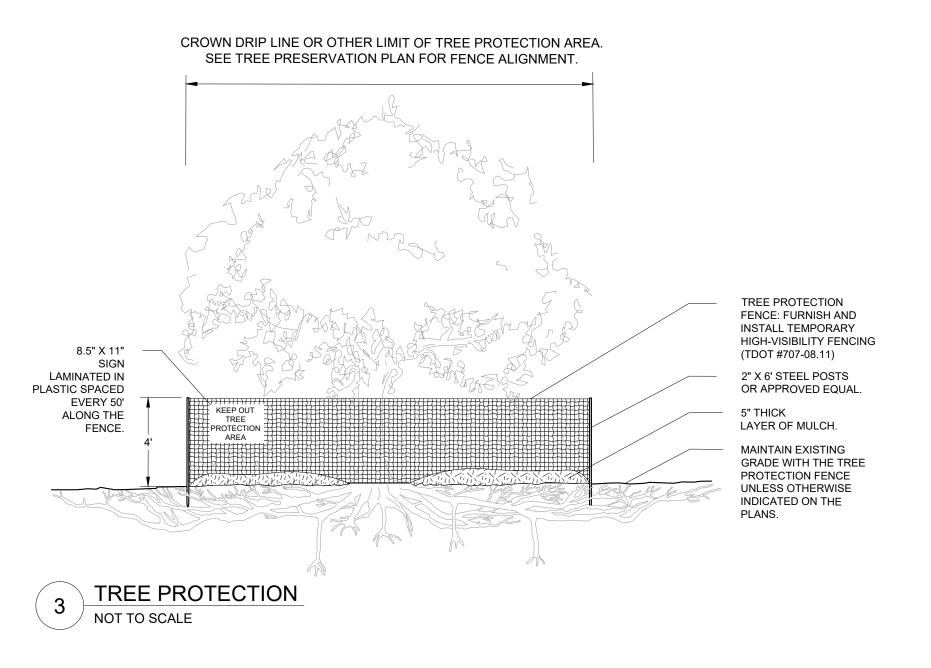
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TREE PROTECTION NOTES

- 1. EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE.
- 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE EXISTING TREES THAT ARE TO REMAIN. NO HEAVY EQUIPMENT OR MATERIALS SHOULD BE PERMITTED TO OPERATE OR BE STORED WITHIN THE DRIP-LINES OF THE TREES, OUTSIDE OF THE GRADING.
- 3. TREE PROTECTION STEPS:
- a. INSTALL TREE PROTECTION FENCING.
- b. PLACE FENCE POST AND FENCING AT TREE DRIP LINE OR 10 FEET FROM TRUNK, WHICHEVER IS GREATER.
- c. POST TEMPORARY SIGNS- TREE ROOT PROTECTION
- 4. FENCING AND SIGNS SHALL REMAIN IN PLACE UNTIL THE SITE HAS BEEN INSPECTED BY URBAN FORESTER FOR USE AND OCCUPANCY.



EROSION PREVENTION AND SEDIMENT CONTROL						
DWG.	REV.	DESCRIPTION				
EC-STR-3C	6/28/2019	SILT FENCE WITH WIRE BACKING				
EC-STR-3E	4/1/2008	SILT FENCE FABRIC JOINING DETAILS				
EC-STR-11	3/16/2017	CULVERT PROTECTION TYPE 1				
EC-STR-21	5/4/2022	PERMANENT RIPRAP BASIN ENERGY DISSIPATORS				
EC-STR-25	8/1/2012	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD				
EC-STR-34	5/4/2022	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION				

LOW MAINTENANCE AREAS - SLOPES, POOR AND SHALLOW SOILS

PREFERRED RATE/MIX (LB/AC PLS)
15 BROWNTOP MILLET (NURSE CROP) **5 LITTLE BLUESTEM**

2 SWITCH GRASS 2 TALL DROPSEED 5 SIDEOATS GRAMMA 2 BLACK-EYED SUSAN 2 PARTRIDGE PEA

5 VIRGINIA WILD RYE 2 BLACK-EYED SUSAN

2 PARTRIDGE PEA

1 GREYHEADED CONEFLOWER

1 GREYHEADED CONEFLOWER

SEEDING DATES AUG. 25 - SEP. 15 FEB. 15 - MAY 30

MARGINAL SEP. 15 - OCT. 25

MAR. 21 - MAY 30

LOW MAINTENANCE AREAS - SLOPES, SOILS > 6" DEEP

PREFERRED RATE/MIX (LB/AC PLS) 15 BROWNTOP MILLET (NURSE CROP) 5 LITTLE BLUESTEM

SEEDING DATES

MARGINAL SEP. 15 - OCT. 25 AUG. 25 - SEP. 15 FEB. 15 - MAY 30 MAR. 21 - APR. 15

HIGH MAINTENANCE AREAS - LAWNS, ETC.

PREFERRED RATE/MIX (LB/AC PLS) 15 BROWNTOP MILLET (NURSE CROP)

SEEDING DATES 2 PARTRIDGE PEA

45 RED FESCUE 45 HARD FESCUE 25 CHEWING FESCUE

<u>MARGINAL</u> FEB. 15 - APR. 15 AUG. 30 - OCT. 15

1. MIXES INDICATED ABOVE ARE FOR THE REGION II PLANTING AREA (MIDDLE TENNESSEE).

- 2. PERMANENT STABILIZATION MEASURES SHALL BE DONE IN ACCORDANCE WITH TDEC EROSION AND SEDIMENT CONTROL HANDBOOK, FOURTH EDITION OR NEWER.
- 3. REFER TO LANDSCAPE PLANS FOR PERMANENT STABILIZATION PRACTICES AND AREAS TO RECEIVE SOD.
- 4. SLOPES STEEPER THAN 3:1 SHALL USE ITEM NO. 801-01.02, CROWN VETCH MIXTURE FOR PERMANENT STABILIZATION.



PERMANENT STABILIZATION

NOT TO SCALE

LATE	WINTER/EARLY SPRING PLANTING		SUMMER PLANTING				
SPECIES RYE	RATE (LB/ACRE) 120		SPECIES OATS	RATE (LB/ACRE)			
SEEDING	DATES		BROWN TOP MILLET	30			
EAST	ABOVE 2500 FEET: FEB. 15 - MAY 15 BELOW 2500 FEET: FEB. 1- MAY 1		SEEDING DATES EAST MAY 15 - AUG	G. 15			
MIDDLE WEST	JAN. 1 - MAY 1 DEC. 1 - APR. 15		MIDDLE MAY 1 - AUG WEST APR. 15 - AU				
	IZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, IZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR	MAINTENANCE REFERTILIZE IF GROWTH IS NOT FULLY AT RESEED, REFERTILIZE AND MULCH IMMED FOLLOWING EROSION OR OTHER DAMAGE					
		, ,					

FALL PLANTING

RATE (LB/ACRE) SPECIES

WINTER WHEAT SEEDING DATES

EAST AUG. 15 - DEC. 15
MIDDLE AUG. 15 - DEC. 30
WEST AUG. 15 - DEC. 30

LATE FEBRUARY OR EARLY MARCH.

REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR

OTHER DAMAGE. IF NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LB/AC CRIMSON CLOVER IN ALL SEASON NOTES

SOIL AMENDMENTS
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.

1. TEMPORARY STABILIZATION MEASURES SHALL BE DONE IN ACCORDANCE WITH TDEC EROSION AND SEDIMENT CONTROL HANDBOOK, FOURTH EDITION OR NEWER.



ORIGINAL APPROVED CONSTRUCTION PLAN SHEET FROM **SEPTEMBER 13, 2023**

THIS SHEET WAS NOT IMPACTED BY REDESIGNED SECTION STARTING AT STATION 0+11.44 THROUGH STATION 12+35 FOR THE MAY 23, 2024 INITIAL SUBMITTAL PLAN SET

NAD83

COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

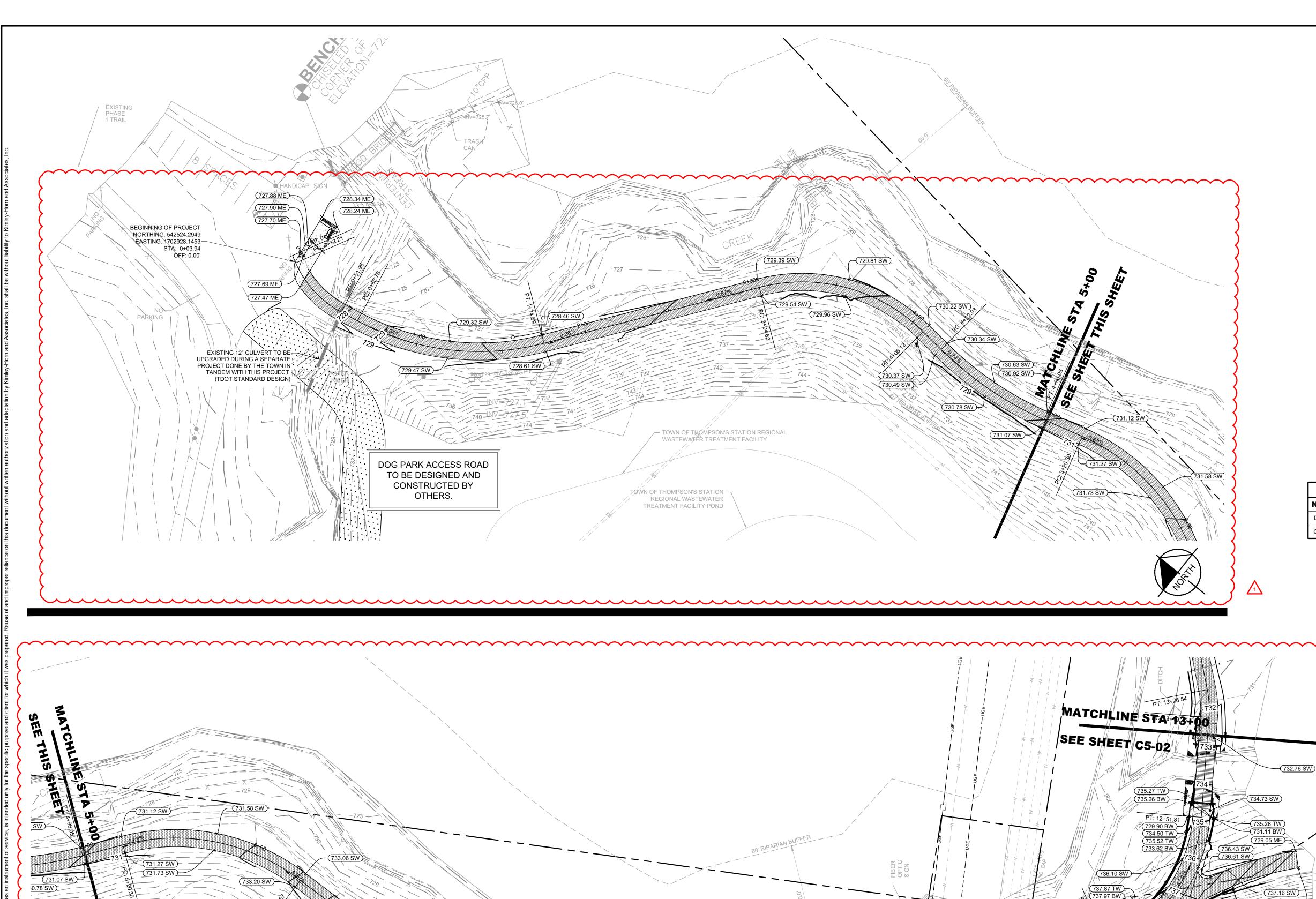
CHECKED BY: KIMLEY-HORN PROJECT NO. 118181003 **EROSION CONTROL**

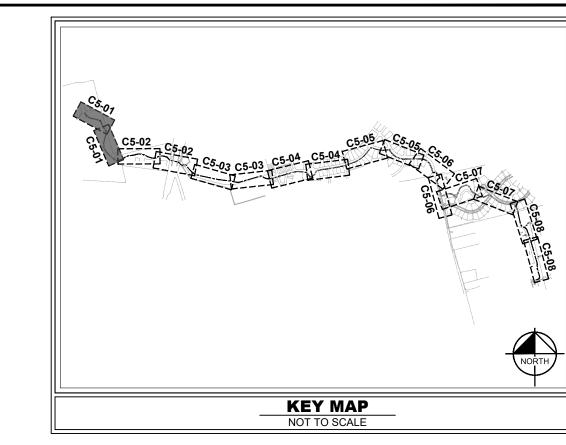
DETAILS

SHEET NUMBER C4-50

Drawing name: K:\NSH_LDEV\118181003 - ts greenway phase 3\4-CADD\plansheets\C4-50 EROSION CONTROL DETAILS.dwg C4-50 EROSION CONTROL DETAILS May 07, 2024 11:55am by: Lauren.Barnette

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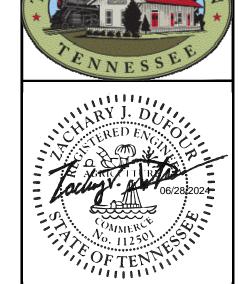




GRADING PLAN LEGEND								
500.00	SPOT ELEVATION ME MATCH EXISTING TC TOP OF CURB TW TOP OF WALL INV INVERT FL FLOW LINE OF SWALE	SW BC BW RIM P	SIDEWALK BOTTOM OF CURB / GUTTER LINE BOTTOM OF EXPOSED WALL TOP OF GRATE / COVER PAVEMENT					
— 500 —	EXISTING CONTOUR							
— 500 —	PROPOSED CONTOUR							

PIPE TABLE								
NAME	UPSTREAM	DOWNSTREAM	SIZE	LENGTH	SLOPE	MATERIAL		
B1 - B2	825.91 (B1)	824.09 (B2)	18"	48'	4.05%	RCP		
C1 - C2	819.97 (C1)	818.45 (C2)	24"	59'	2.60%	RCP		

S	STRUCTURE TABLE							
NAME	DESCRIPTION	TOP GRATE						
B1	HEADWALL	828.12						
B2	HEADWALL	826.30						
C1	HEADWALL	823.80						
C2	HEADWALL	821.20						



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ВУ	AMA					
DATE	5/6/24					
REVISIONS	ION PLAN RE-APPROVAL CHANGES					

	1	2	3	4	2	9	7	8	6	10		
	ESIG	SNE	D B	Y:		ARM						
	RAW	/N B	Y:			ARN						
	HEC	KED	BY	' :			AR					
_	ATE:						()5/2:	3/20	24		

KIMLEY-HORN PROJECT NO. 118181003 **GRADING AND**

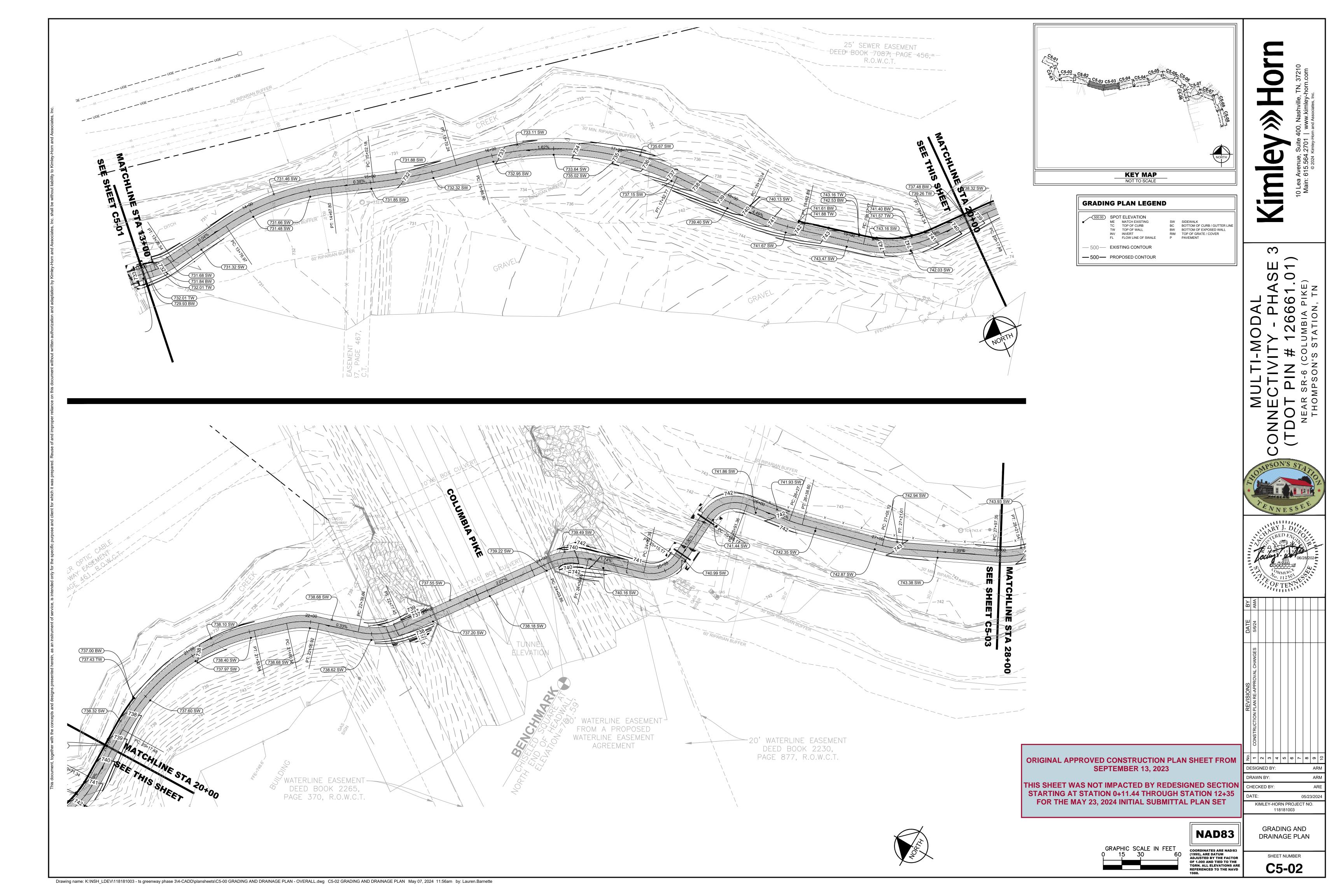
DRAINAGE PLAN SHEET NUMBER

C5-01

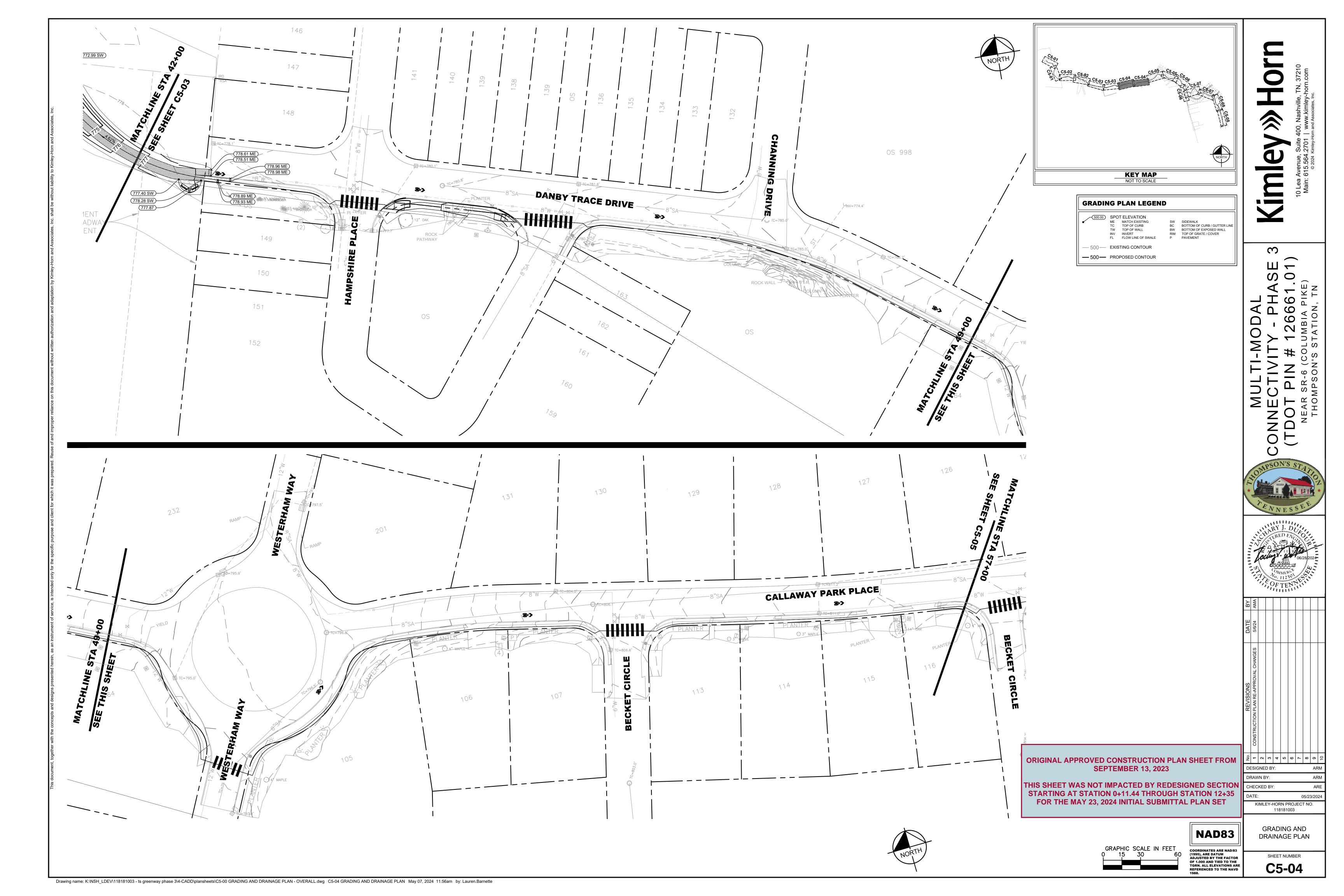
NAD83 COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

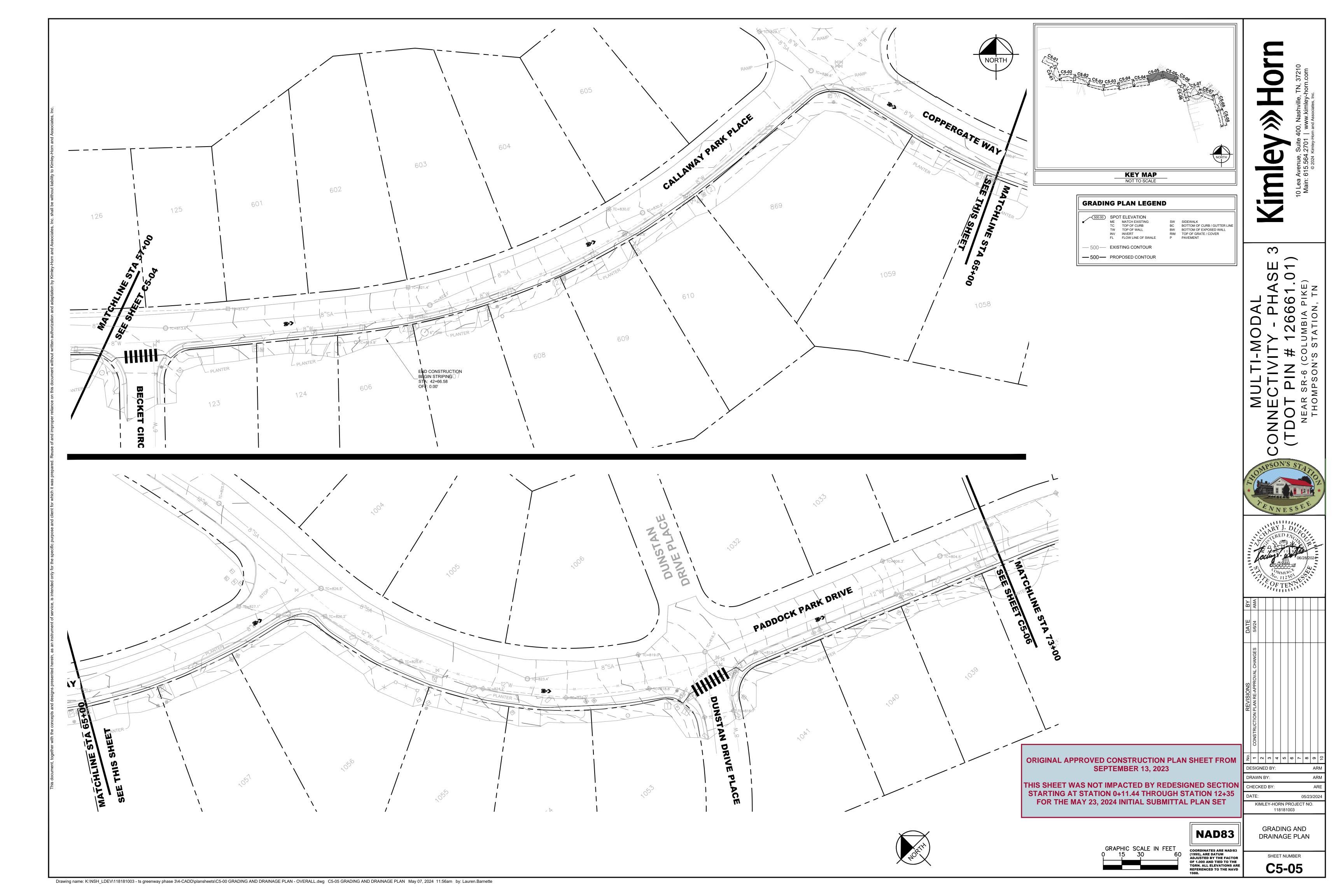
TOWN OF THOMPSON'S STATION REGIONAL WASTEWATER TREATMENT FACILITY POND

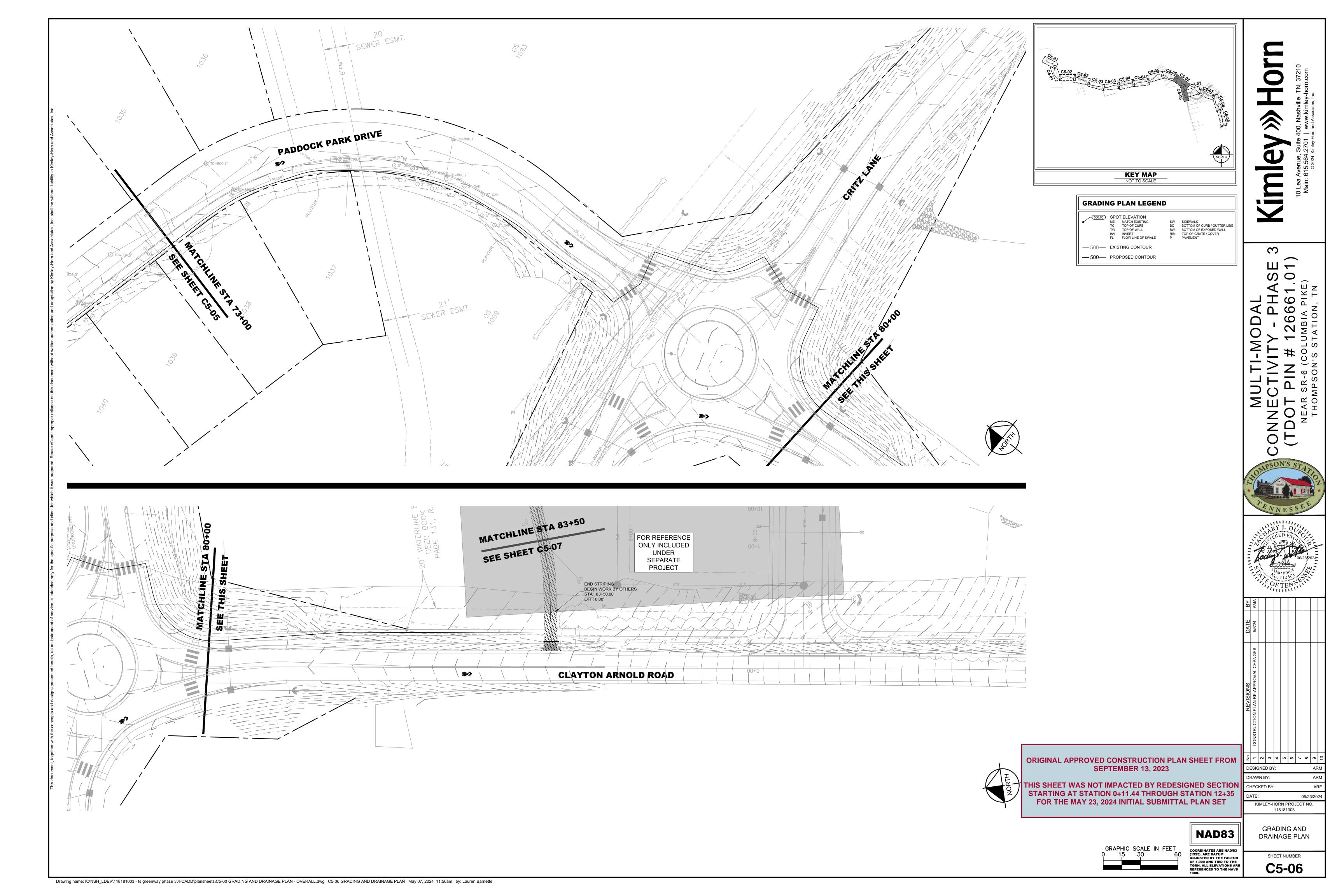
TOWN OF THOMPSON'S STATION — REGIONAL WASTEWATER TREATMENT FACILITY POND

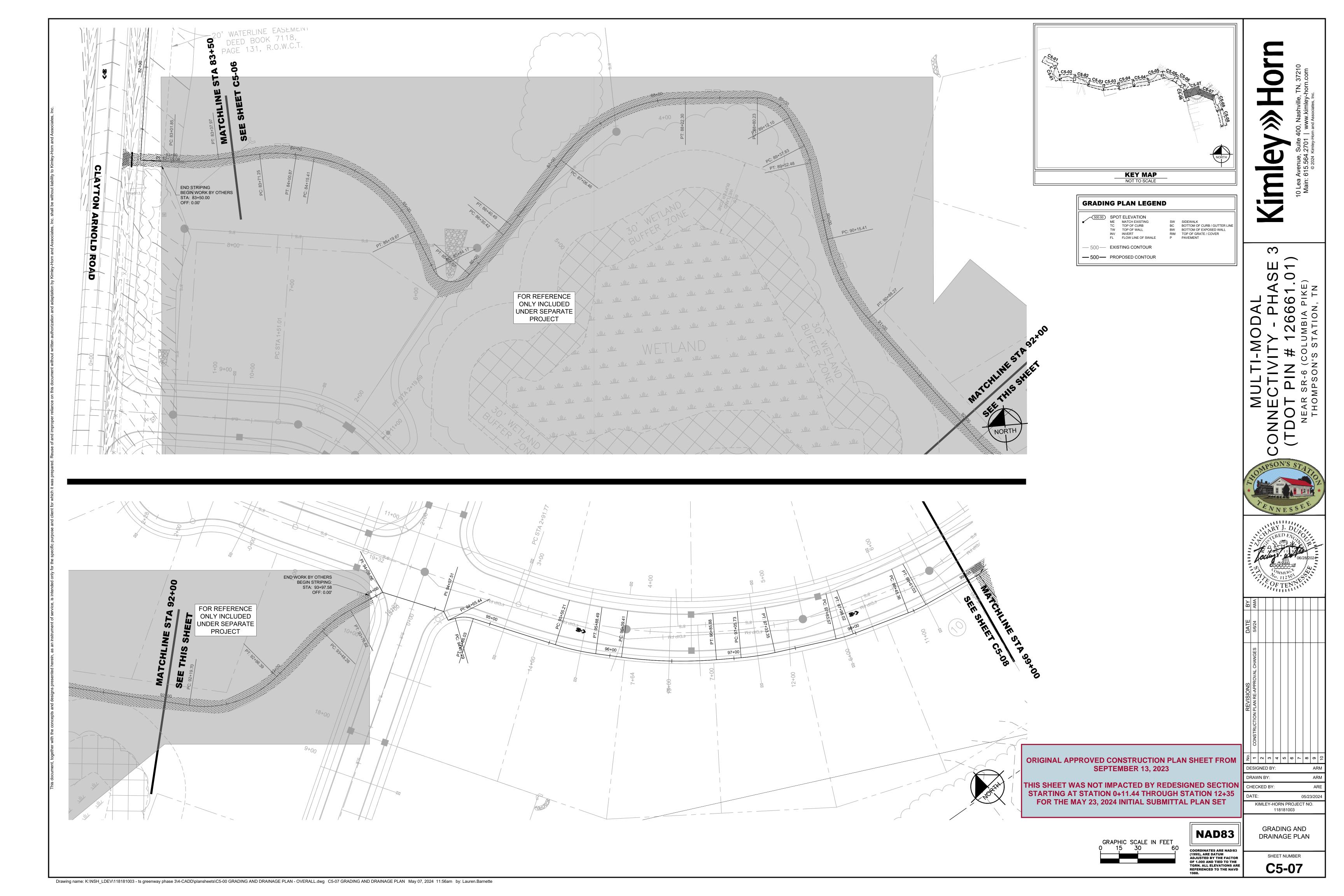


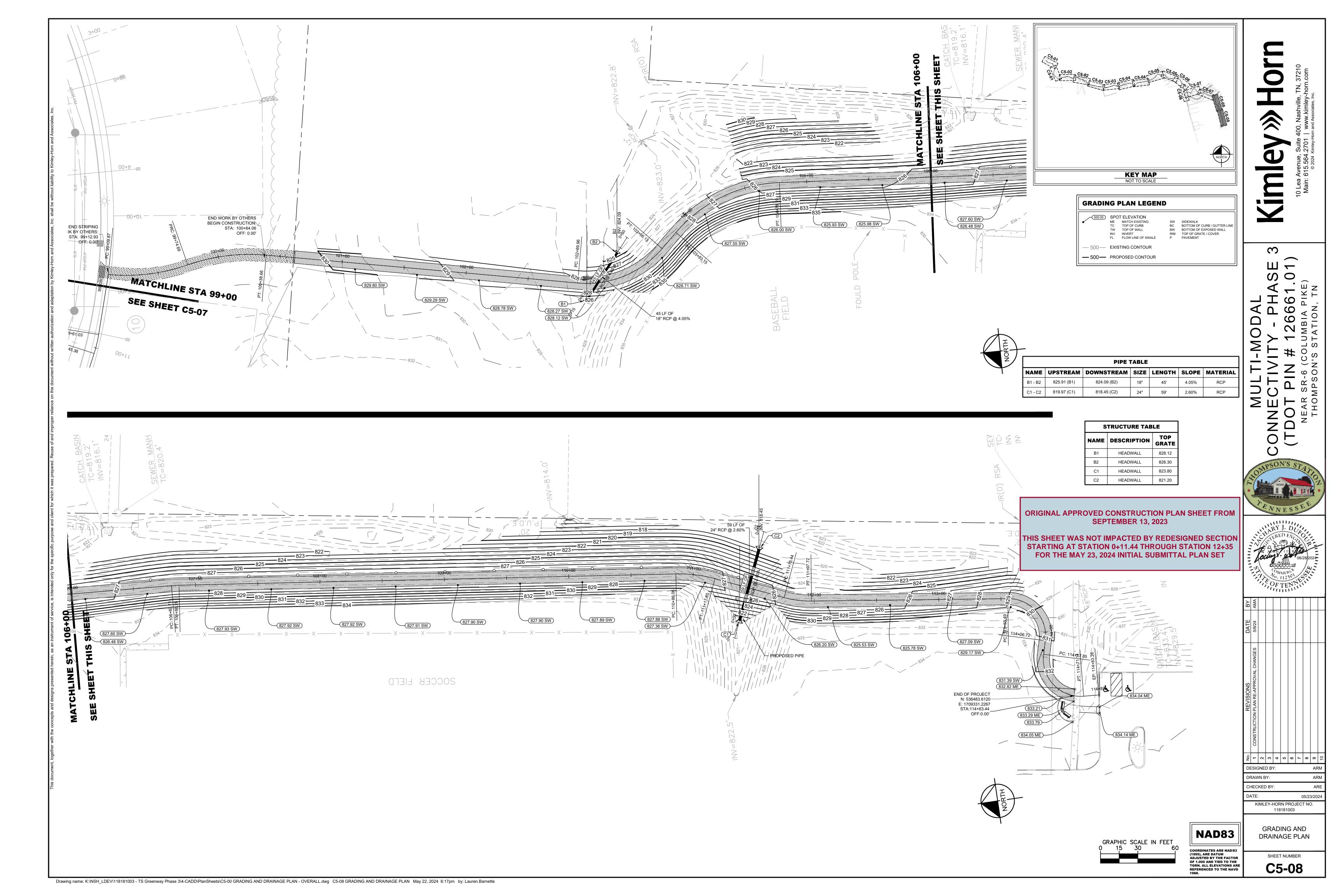


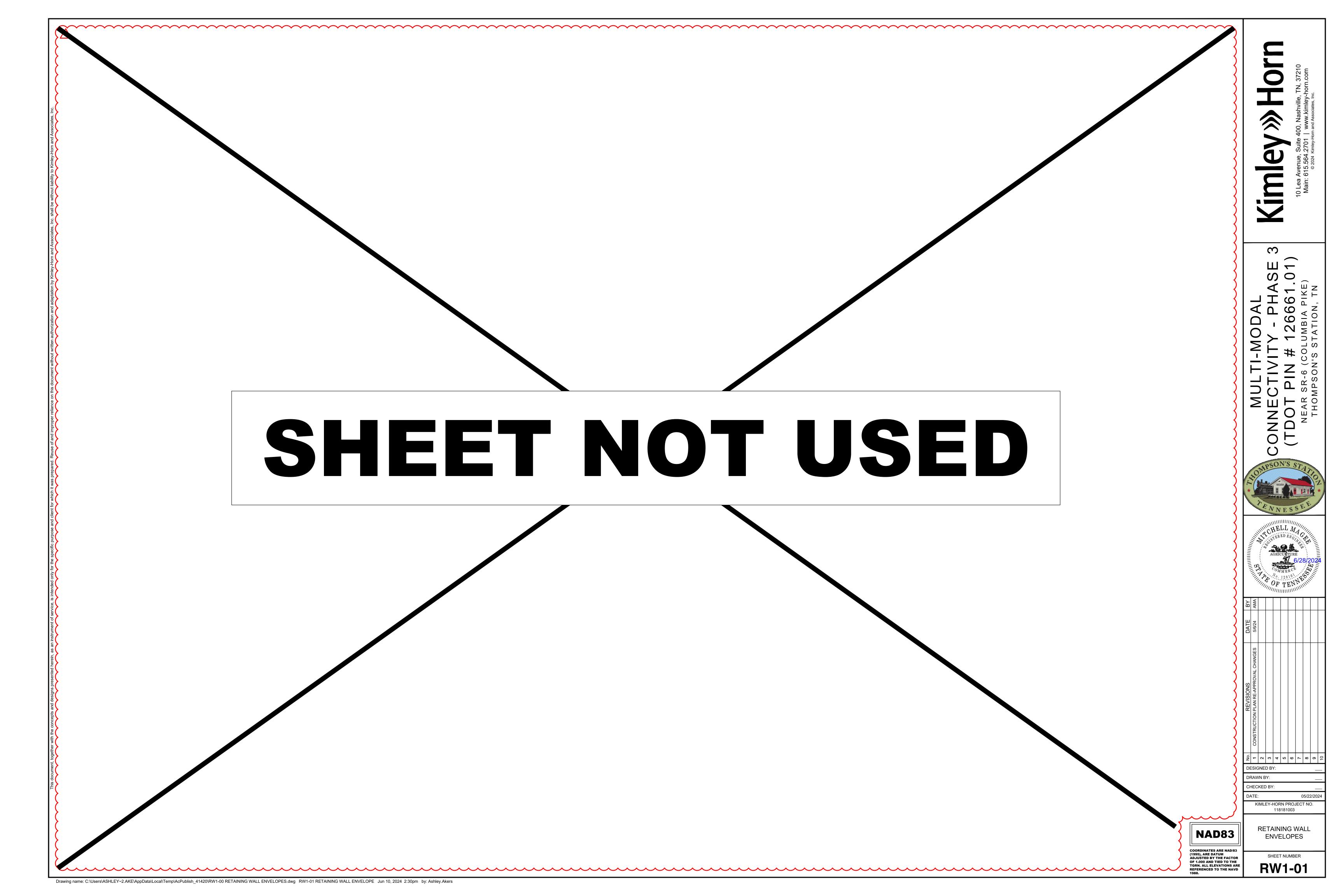


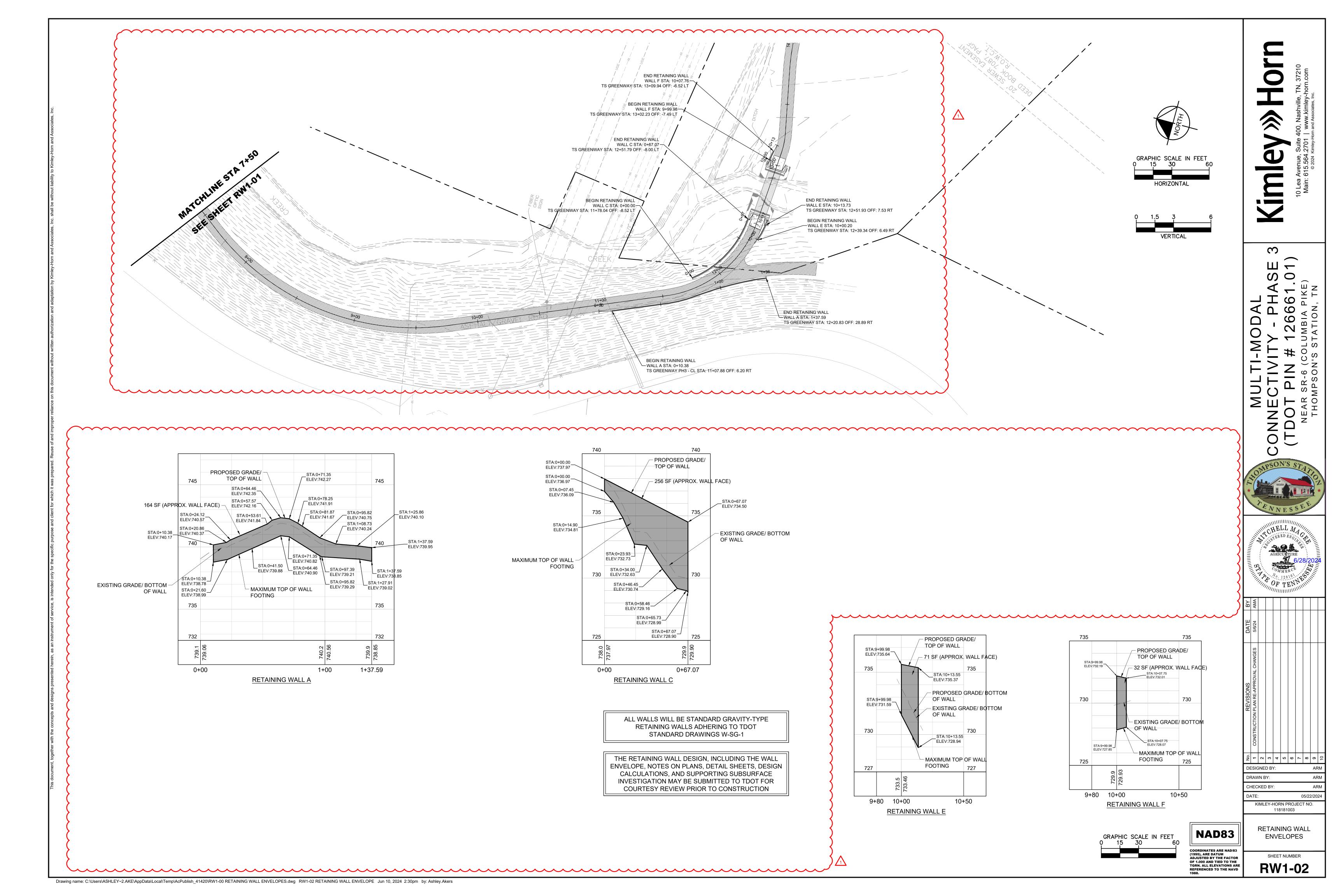


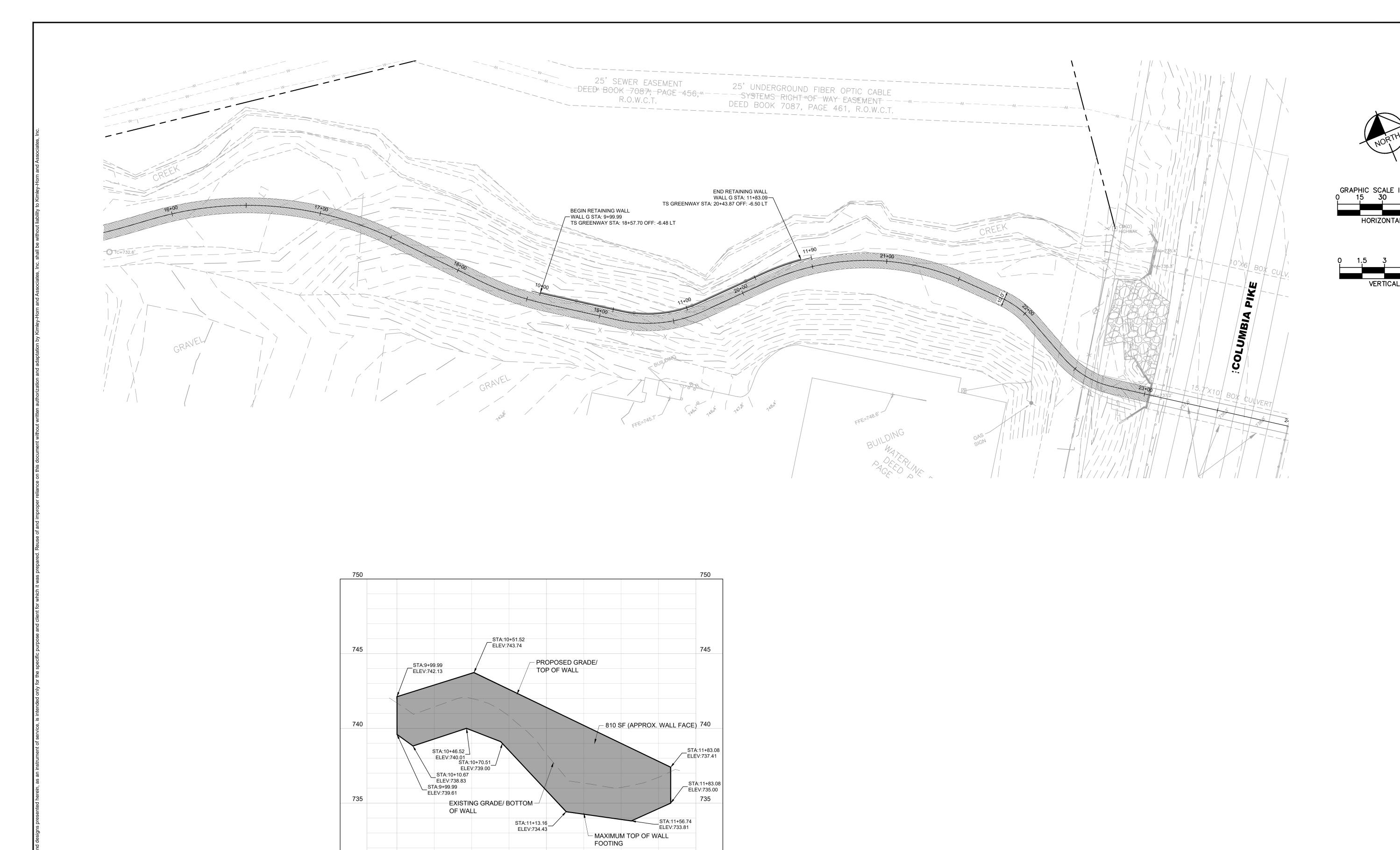








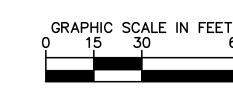


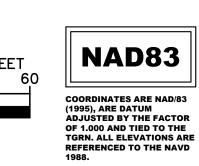


730

12+00

ALL WALLS WILL BE STANDARD GRAVITY-TYPE RETAINING WALLS ADHERING TO TDOT STANDARD DRAWINGS W-SG-1





SHEET NUMBER **RW1-03**

0 - 0 6 4 5 0 F 8 0

KIMLEY-HORN PROJECT NO. 118181003

RETAINING WALL

ENVELOPES

05/22/2024

DESIGNED BY: DRAWN BY: CHECKED BY:

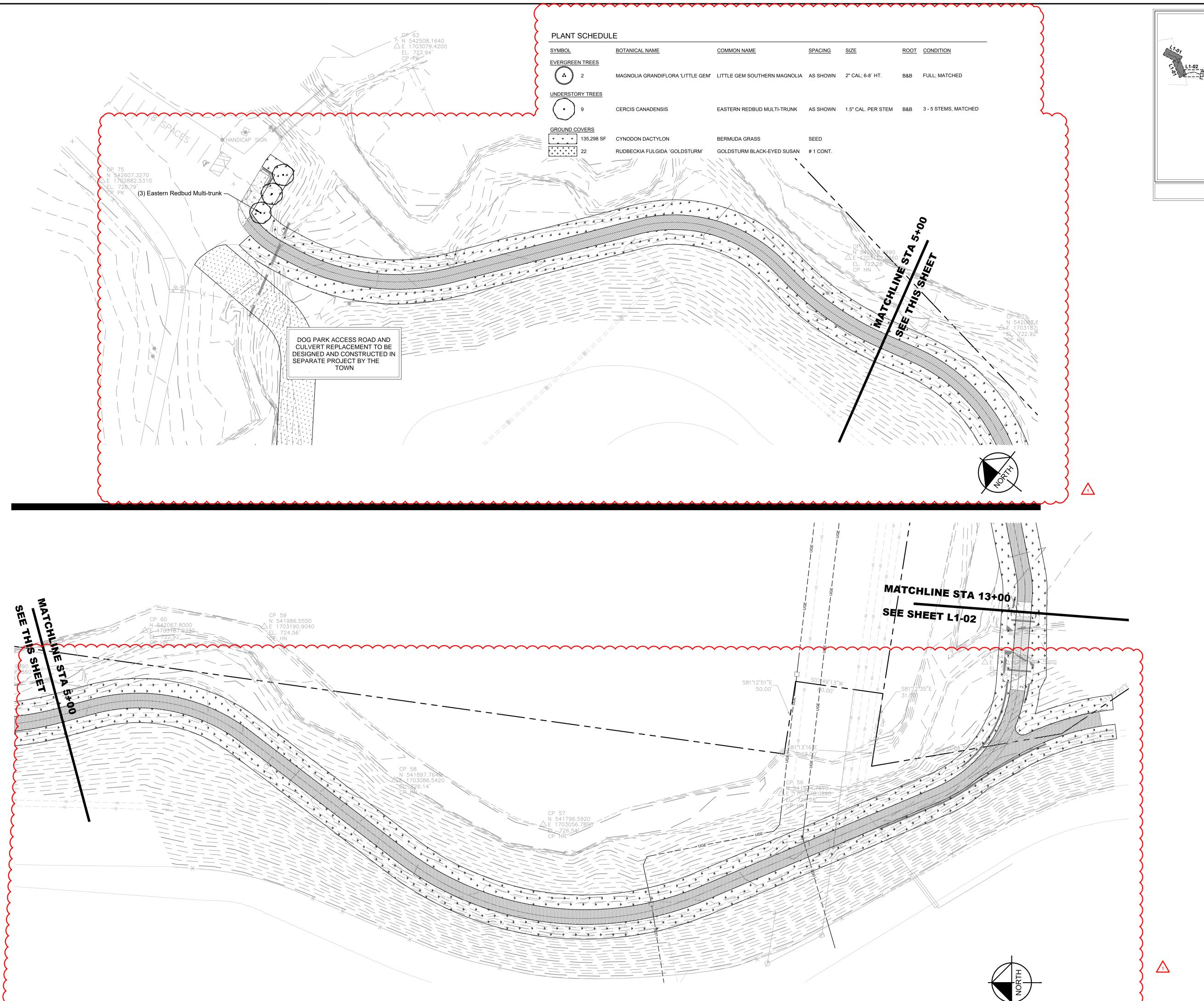
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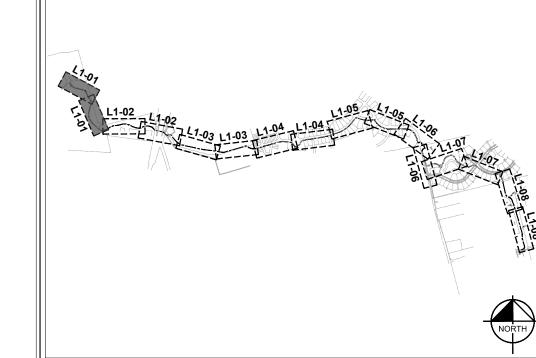
730

9+80 10+00

11+00

RETAINING WALL G





KEY MAP

NOT TO SCALE

EXISTING UTILITIES NOTE

CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES AND/OR CONFLICTS WITH EXISTING OR PROPOSED UTILITIES PRIOR TO PROCEEDING.

TREE PROTECTION NOTES

- EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE.
- 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE EXISTING TREES THAT ARE TO REMAIN. NO HEAVY EQUIPMENT OR MATERIALS SHOULD BE PERMITTED TO OPERATE OR BE STORED WITHIN THE DRIP-LINES OF THE TREES, OUTSIDE OF THE GRADING.
- 3. TREE PROTECTION STEPS:
- a. INSTALL TREE PROTECTION FENCING.
- b. PLACE FENCE POST AND FENCING AT TREE DRIP LINE OR10 FEET FROM TRUNK, WHICHEVER IS GREATER.
- c. POST TEMPORARY SIGNS- TREE ROOT PROTECTION ZONE.
- FENCING AND SIGNS SHALL REMAIN IN PLACE UNTIL THE SITE HAS BEEN INSPECTED BY URBAN FORESTER FOR USE AND OCCUPANCY.

LANDSCAPE LEGEND

BERMUDA GRASS, ITEM 801-02

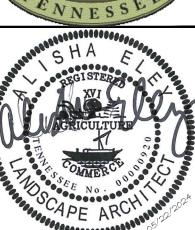
LANDSCAPE NOTES

FOR WATER REQUIREMENTS, SEE TDOT ITEM 801-03 WATER (SEEDING & SODDING)

PENNESSEE

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DESIGNED BY:
DRAWN BY:
CHECKED BY:

KIMLEY-HORN PROJECT NO. 118181003

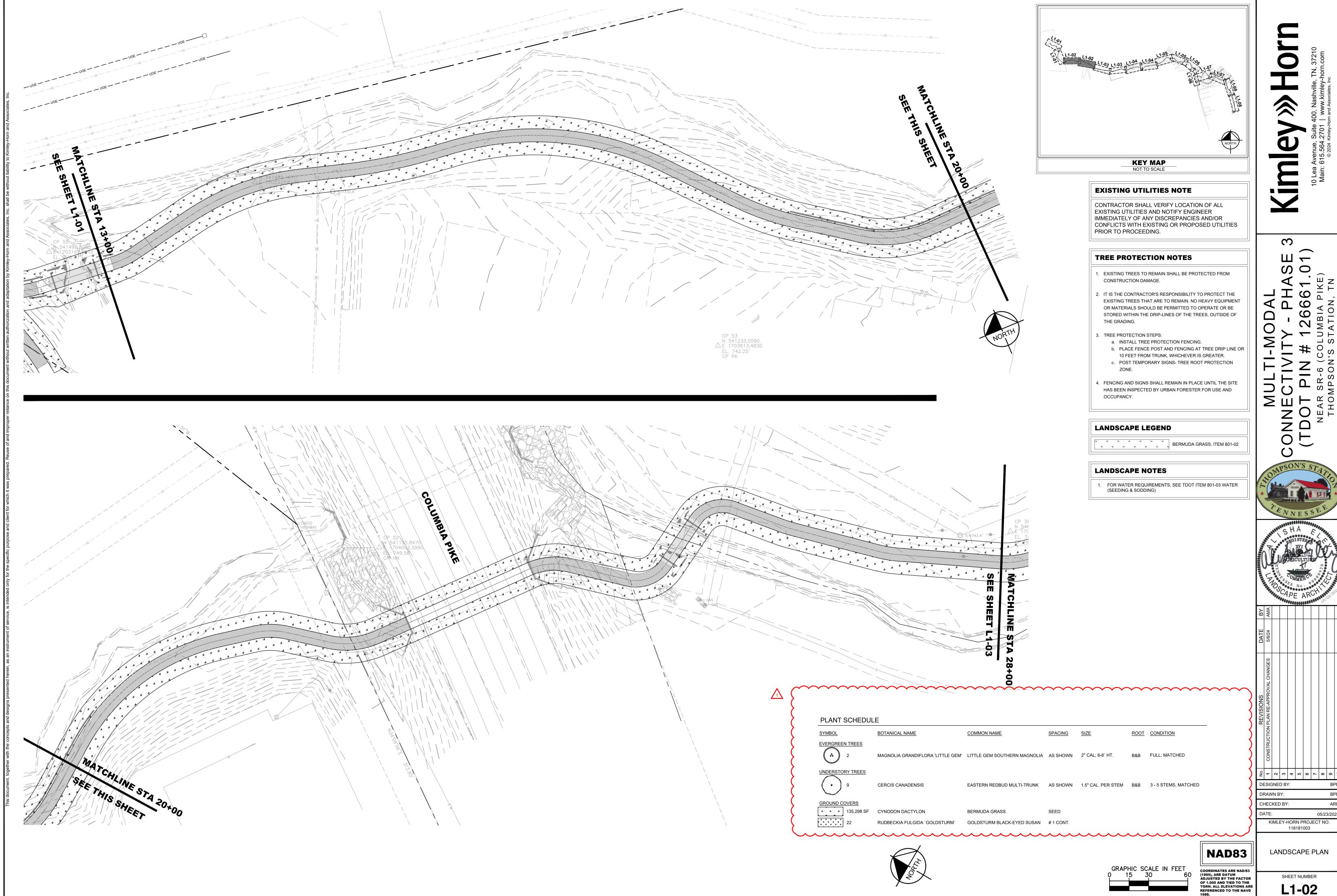
LANDSCAPE PLAN

NAD83

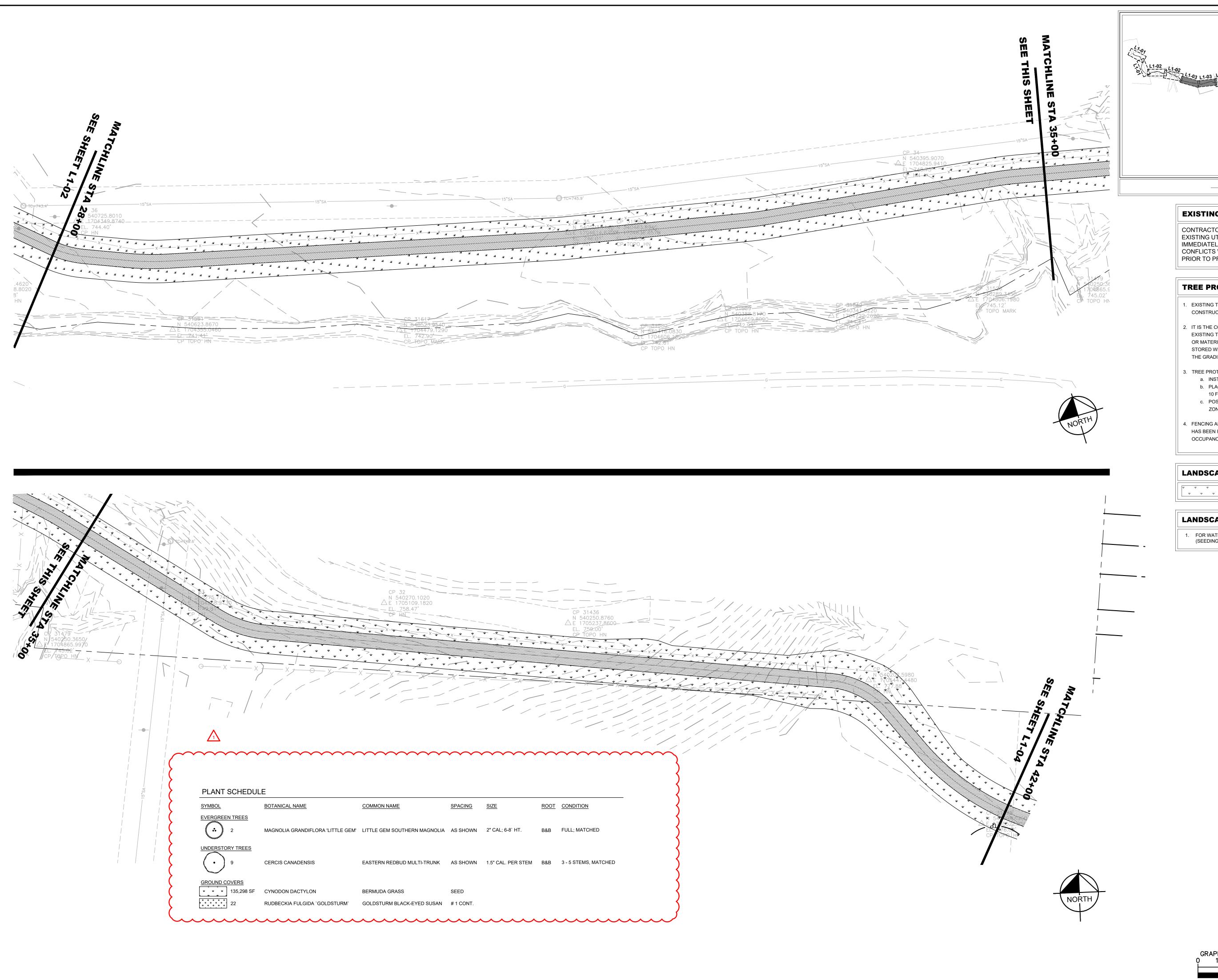
COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

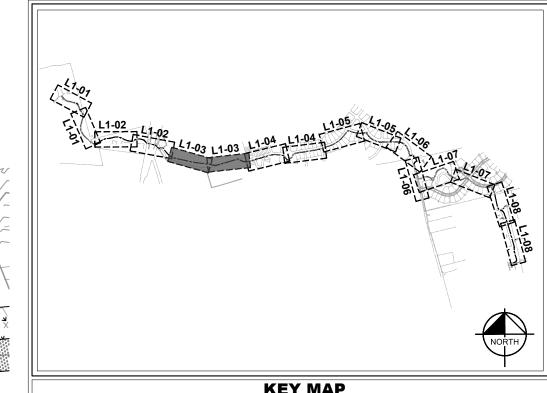
SHEET NUMBER

GRAPHIC SCALE IN FEET 0 15 30 60









KEY MAP NOT TO SCALE

EXISTING UTILITIES NOTE

CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES AND/OR CONFLICTS WITH EXISTING OR PROPOSED UTILITIES PRIOR TO PROCEEDING.

TREE PROTECTION NOTES

- 1. EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE.
- 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE EXISTING TREES THAT ARE TO REMAIN. NO HEAVY EQUIPMENT OR MATERIALS SHOULD BE PERMITTED TO OPERATE OR BE STORED WITHIN THE DRIP-LINES OF THE TREES, OUTSIDE OF THE GRADING.
- 3. TREE PROTECTION STEPS:
- a. INSTALL TREE PROTECTION FENCING.
- b. PLACE FENCE POST AND FENCING AT TREE DRIP LINE OR 10 FEET FROM TRUNK, WHICHEVER IS GREATER. c. POST TEMPORARY SIGNS- TREE ROOT PROTECTION
- 4. FENCING AND SIGNS SHALL REMAIN IN PLACE UNTIL THE SITE HAS BEEN INSPECTED BY URBAN FORESTER FOR USE AND OCCUPANCY.

LANDSCAPE LEGEND

BERMUDA GRASS, ITEM 801-02

LANDSCAPE NOTES

1. FOR WATER REQUIREMENTS, SEE TDOT ITEM 801-03 WATER (SEEDING & SODDING)

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CHECKED BY: KIMLEY-HORN PROJECT NO.

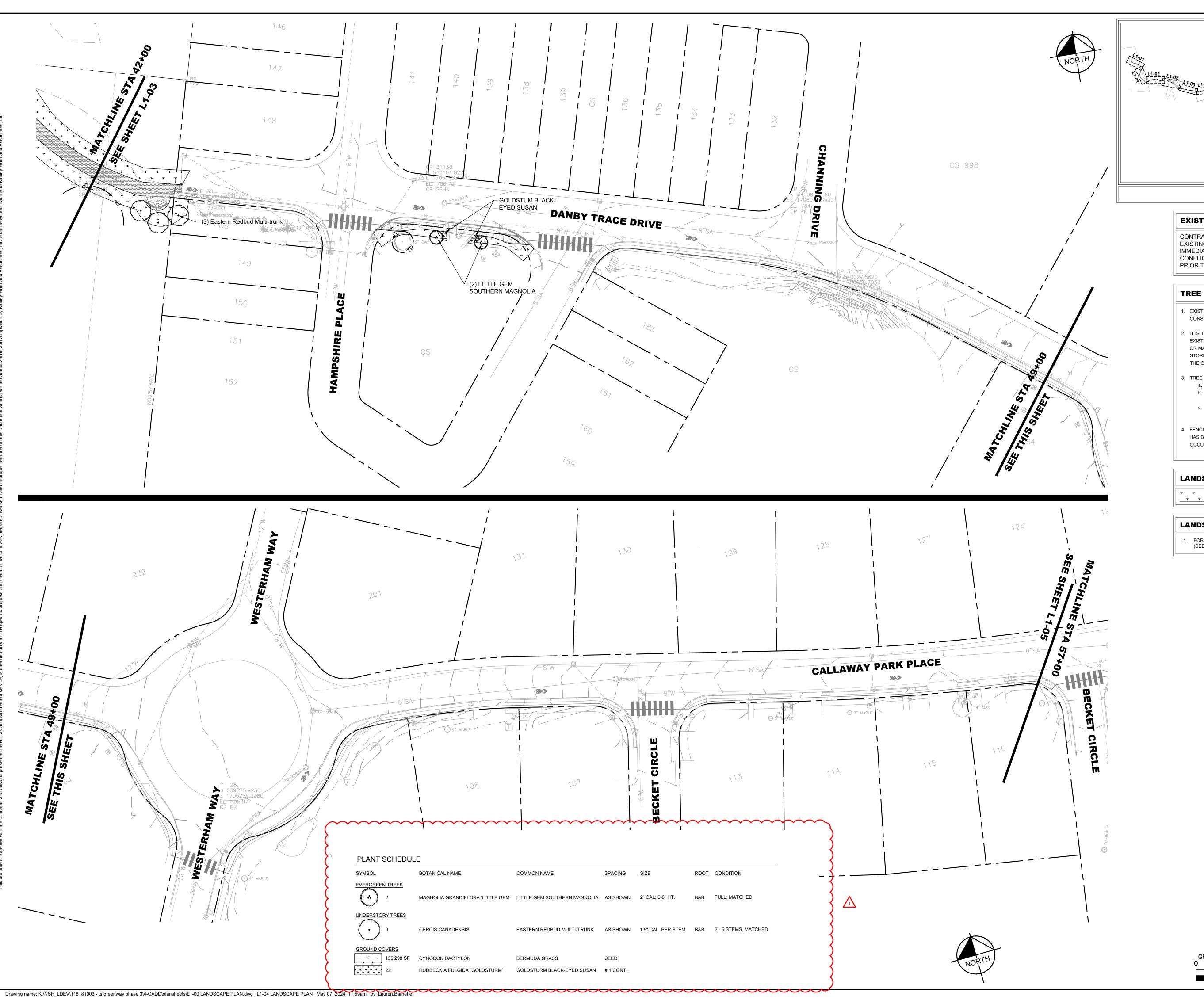
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LANDSCAPE PLAN

SHEET NUMBER L1-03

(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD

NAD83



L1-02 L1-02 L1-02 L1-03 L1-04 L1-04 L1-04 L1-05 L1

> KEY MAP NOT TO SCALE

EXISTING UTILITIES NOTE

CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES AND/OR CONFLICTS WITH EXISTING OR PROPOSED UTILITIES PRIOR TO PROCEEDING.

TREE PROTECTION NOTES

- EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM CONSTRUCTION DAMAGE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE EXISTING TREES THAT ARE TO REMAIN. NO HEAVY EQUIPMENT OR MATERIALS SHOULD BE PERMITTED TO OPERATE OR BE STORED WITHIN THE DRIP-LINES OF THE TREES, OUTSIDE OF THE GRADING.
- 3. TREE PROTECTION STEPS:
- a. INSTALL TREE PROTECTION FENCING.
- b. PLACE FENCE POST AND FENCING AT TREE DRIP LINE OR 10 FEET FROM TRUNK, WHICHEVER IS GREATER.
 c. POST TEMPORARY SIGNS- TREE ROOT PROTECTION
- 4. FENCING AND SIGNS SHALL REMAIN IN PLACE UNTIL THE SITE HAS BEEN INSPECTED BY URBAN FORESTER FOR USE AND OCCUPANCY.

LANDSCAPE LEGEND

BERMUDA GRASS, ITEM 801-02

LANDSCAPE NOTES

 FOR WATER REQUIREMENTS, SEE TDOT ITEM 801-03 WATER (SEEDING & SODDING) THOMPSON'S STATION OF THE NEW YORK SEED OF THE NEW

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CHANGES 5/6/24 A

ONSTRUCTION PLAN RE-APPROVAL CHANGES

ESIGNED BY:

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DATE: 05/3

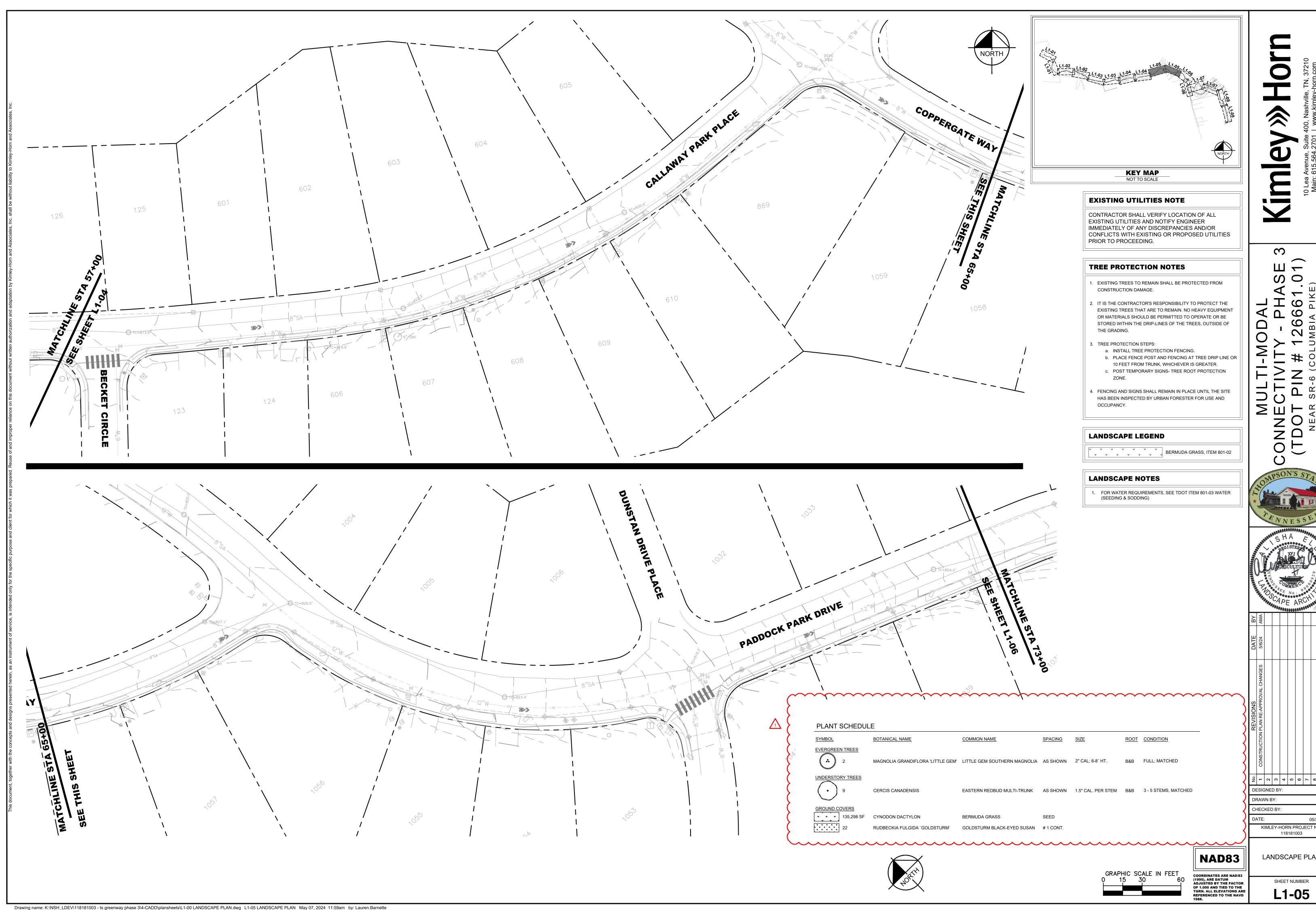
KIMLEY-HORN PROJECT NO. 118181003

LANDSCAPE PLAN

NAD83

COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD

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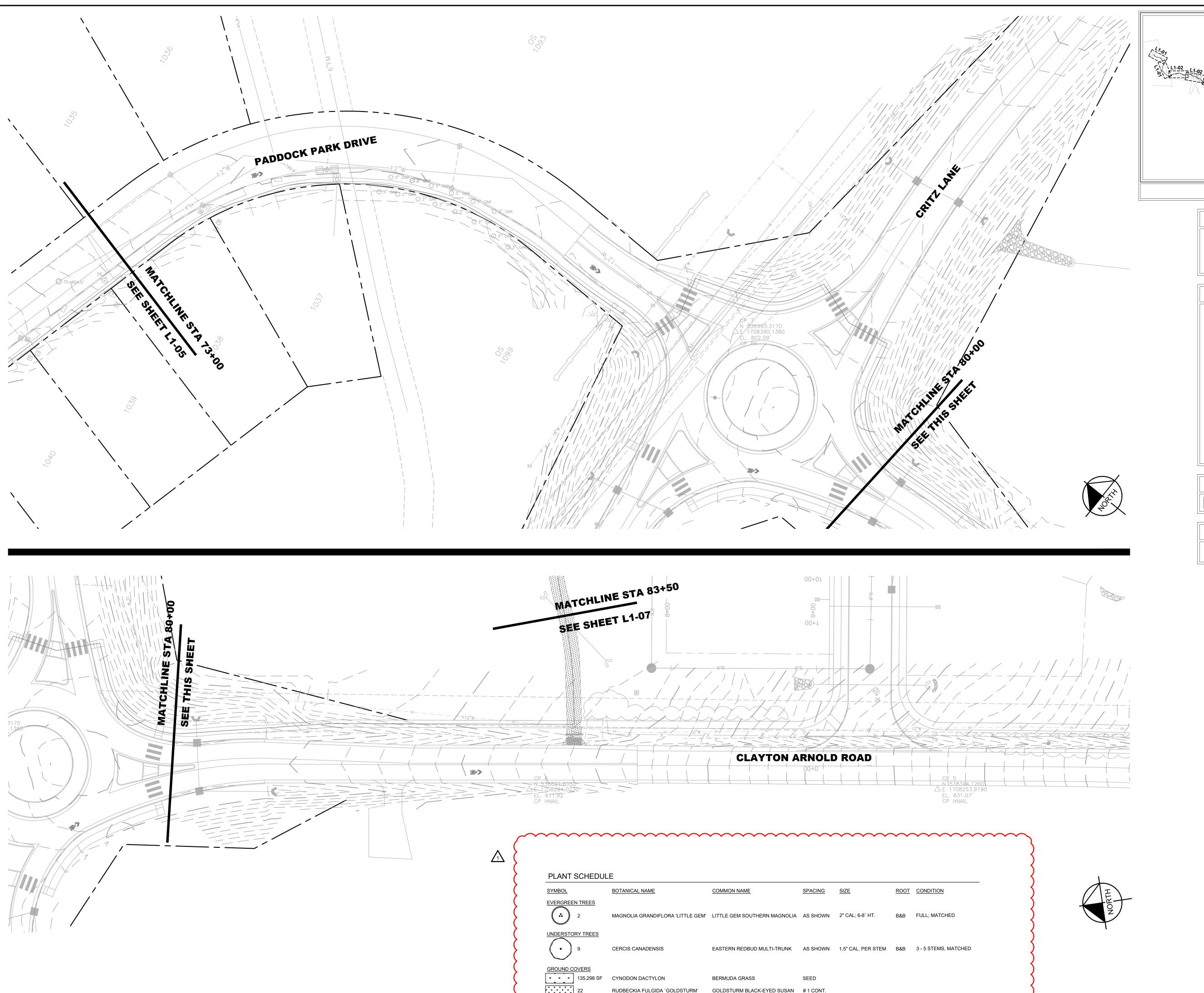


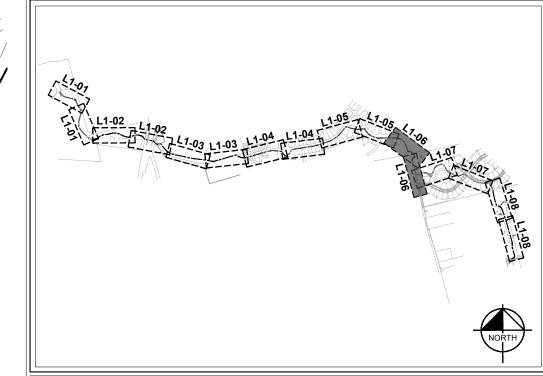
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KIMLEY-HORN PROJECT NO. 118181003

LANDSCAPE PLAN

SHEET NUMBER





KEY MAP NOT TO SCALE

EXISTING UTILITIES NOTE

CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES AND/OR CONFLICTS WITH EXISTING OR PROPOSED UTILITIES PRIOR TO PROCEEDING.

TREE PROTECTION NOTES

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- 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE EXISTING TREES THAT ARE TO REMAIN. NO HEAVY EQUIPMENT OR MATERIALS SHOULD BE PERMITTED TO OPERATE OR BE STORED WITHIN THE DRIP-LINES OF THE TREES, OUTSIDE OF THE GRADING.
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LANDSCAPE LEGEND

BERMUDA GRASS, ITEM 801-02

LANDSCAPE NOTES

1. FOR WATER REQUIREMENTS, SEE TDOT ITEM 801-03 WATER (SEEDING & SODDING)



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DESIGNED BY: DRAWN BY: CHECKED BY:

KIMLEY-HORN PROJECT NO.

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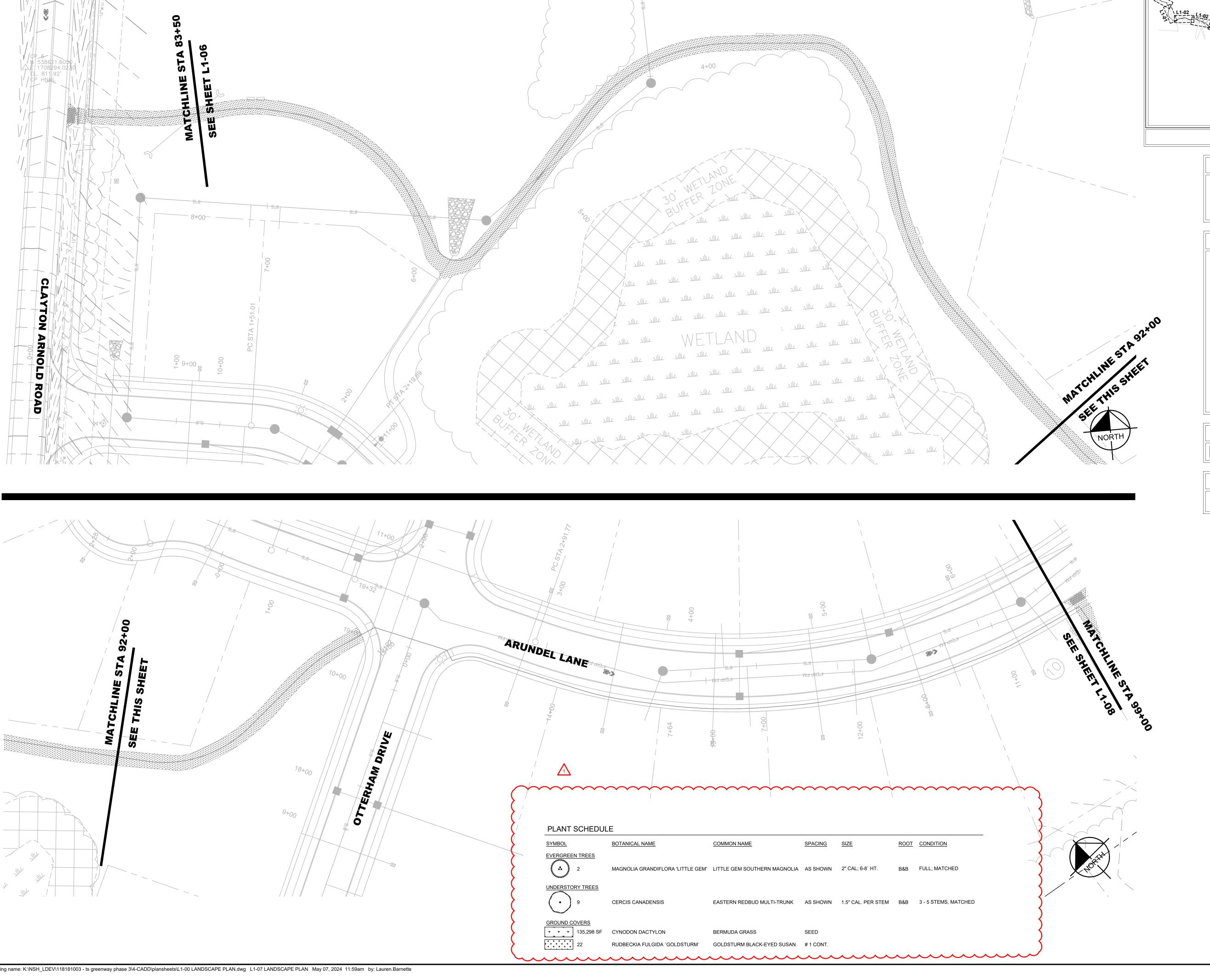
LANDSCAPE PLAN

SHEET NUMBER

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NAD83

COORDINATES ARE NAD/83 (1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD



KEY MAP NOT TO SCALE

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LANDSCAPE LEGEND

BERMUDA GRASS, ITEM 801-02

LANDSCAPE NOTES

FOR WATER REQUIREMENTS, SEE TDOT ITEM 801-03 WATER (SEEDING & SODDING)

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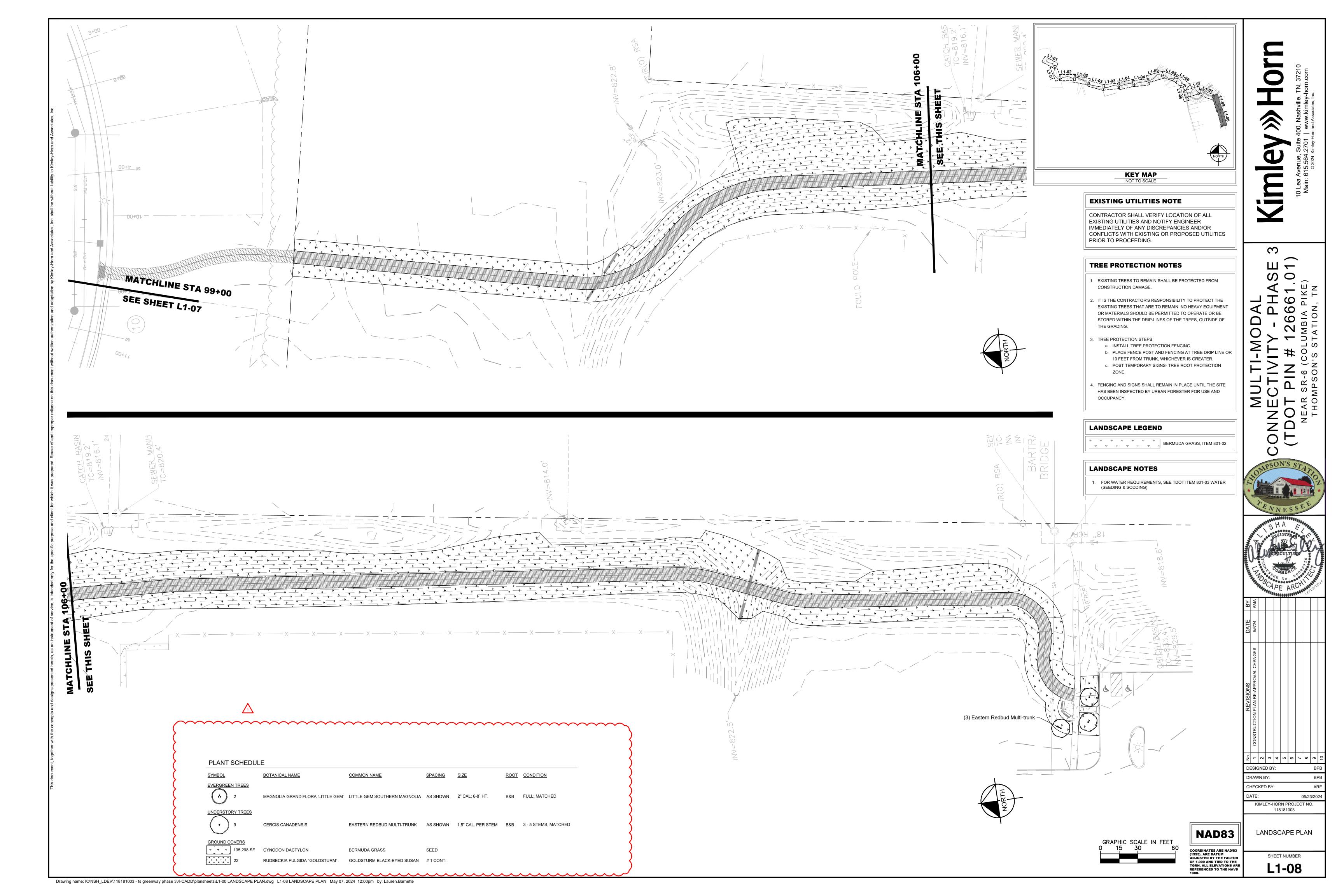
KIMLEY-HORN PROJECT NO. 118181003

LANDSCAPE PLAN

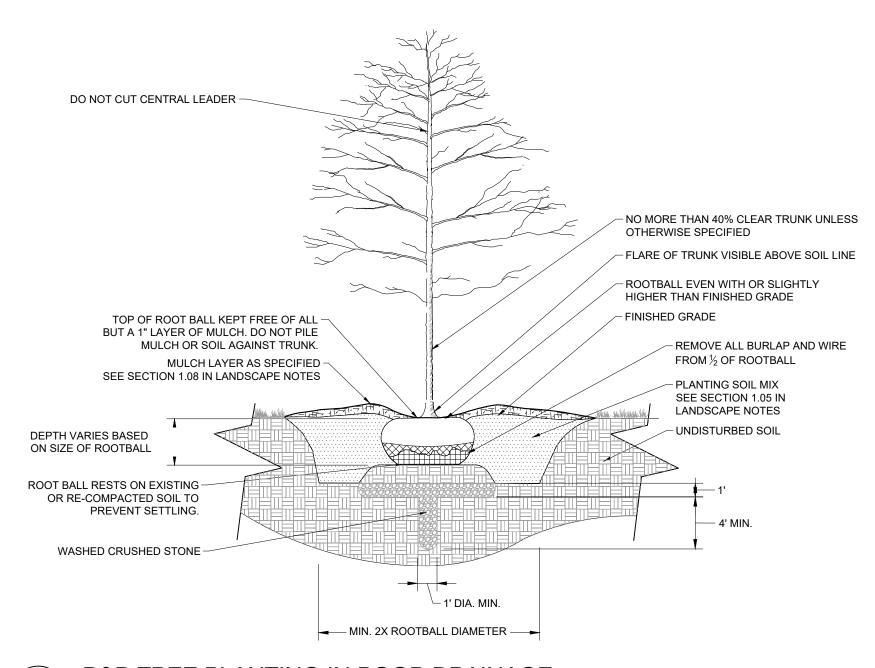
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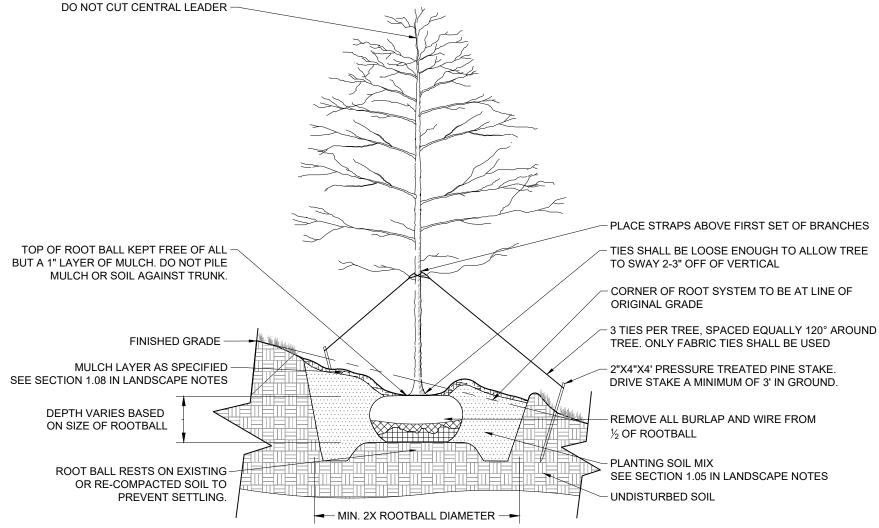
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B&B TREE PLANTING



B&B TREE PLANTING IN POOR DRAINAGE DO NOT CUT CENTRAL LEADER



B&B TREE PLANTING ON SLOPE

GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

1.01 SCOPE OF WORK

A. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED.

CONTROL TRAINING COURSE. DOCUMENTATION SHALL BE FURNISHED TO THE TOWN AT THE PRE-CONSTRUCTION MEETING OR PRIOR TO START OF WORK.

- B. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS (TDOT #801-03) UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.
- C. THE CONTRACTOR SHALL CONTACT THE OWNER AND TENNESSEE ONE CALL AT (615) 351-1111, TWO (2) FULL BUSINESS DAYS PRIOR TO THE BEGINNING OF WORK. D. THE TOWN MUST APPROVE ALL WORK HOURS AND LANE CLOSURE REQUESTS AT LEAST TWO (2) FULL WORKING DAYS IN ADVANCE OF THE START OF ANY SUCH WORK ON A LOCATION BY LOCATION BASIS. THE INDIVIDUAL(S) INSTALLING THE MAINTENANCE OF TRAFFIC SETUP SHALL HAVE COMPLETED A TOOT APPROVED WORK ZONE TRAFFIC
- E. ALL LANDSCAPE MATERIAL SHALL BE INSTALLED AND MAINTAINED IN A MANNER WHEREBY TRAFFIC CONTROL SIGNAGE AND DEVICES ARE VISIBLE TO MOTORISTS AND

1.02 PROTECTION OF EXISTING STRUCTURES

- A. ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AND AT NO COST TO THE OWNER.
- B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BMP DEVICES ACCORDING TO TDOT, COUNTY, OR TOWN STANDARDS THROUGH THE DURATION OF ALL CONSTRUCTION ACTIVITIES.
- C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA, AND THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, FOR LOCATING ALL UNDERGROUND FACILITIES DURING CONSTRUCTION, FOR THE SAFETY AND PROTECTION THEREOF, AND REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK. THE COST OF COMPLIANCE WITH THIS SECTION WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

1.03 PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL. GASOLINE. OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED ON SITE. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4)

1.04 MATERIALS

A. GENERAL

MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY THE LANDSCAPE ARCHITECT. UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE

ONE (1) CUBIC FOOT TOPSOIL MIX ONE (1) CUBIC FOOT

ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY) PLANTS

B. PLANT MATERIALS

- 1. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS AS SET FORTH IN ANSI Z60.1-2014-AMERICAN STANDARD FOR NURSERY STOCK. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH APPROVAL FROM OWNER OR LANDSCAPE ARCHITECT. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE LANDSCAPE ARCHITECT
- 2. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE ROOTBALL OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.
- 3. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY; SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

1.05 SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)

- A. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF ½ LOOSE COMPOST (NO GREATER THAN 1" SIV), ½ PEAT AND ½ SAND, AS DESCRIBED BELOW.
- B. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND A PH BETWEEN 5.5 AND 7.0 - SUBMIT SAMPLE AND PH
- C. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND. CONTRACTOR SHALL SUBMIT RESULTS OF SOIL TESTS FOR TOPSOIL AND SAND PROPOSED FOR APPROVAL
- D. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE, AT WHICH POINT THE CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING

A. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL

E. CONTRACTOR TO SUBMIT SAMPLES OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.

1.06 WATER

NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER. * WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY

1.07 FERTILIZER

A. CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED. * FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

1.08 MULCH (TDOT #802-06.03)

A. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE (3) INCHES FOR ALL PLANTINGS UNLESS OTHERWISE NOTED. MULCH AT ALL PLANTING BEDS SHALL BE SHREDDED PINE BARK MULCH.

- A. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL
- B. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS SHALL NOT BE HANDLED BY STEMS
- C. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB-BASES. ALL TREES SHALL BE PLANTED AS INDICATED ON DRAWINGS. COORDINATE WITH PLANTING DETAILS FOR EXACT DEPTH OF PLANTING SOIL

1.10 CONTAINER GROWN STOCK

- A. ALL TREES SPECIFIED SHALL BE BALL AND BURLAP, UNLESS OTHERWISE APPROVED BY LANDSCAPE ARCHITECT.
- B. ALL SHRUB SPECIES SHALL BE CONTAINER GROWN.
- C. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.
- D. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.
- E. PLANT ROOTS BOUND IN CONTAINERS ARE NOT ACCEPTABLE.

1.11 MATERIALS LIST

A. QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE.

1.12 FINE GRADING

- A. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN DISTURBED DURING CONSTRUCTION. B. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.
- C. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES, IF APPLICABLE.

ORIGINAL APPROVED CONSTRUCTION PLAN SHEET FROM SEDTEMBED 13 2023

MITTAL PLAN SET

ORIGINAL APPROVED CONSTRUCTION PLAN SHEET FROM EDESIGNED SECTION **UGH STATION 12+35 SEPTEMBER 13, 2023**

THIS SHEET WAS NOT IMPACTED BY REDESIGNED SECTION STARTING AT STATION 0+11.44 THROUGH STATION 12+35 FOR THE MAY 23, 2024 INITIAL SUBMITTAL PLAN SET

1.13 PLANTING PROCEDURES

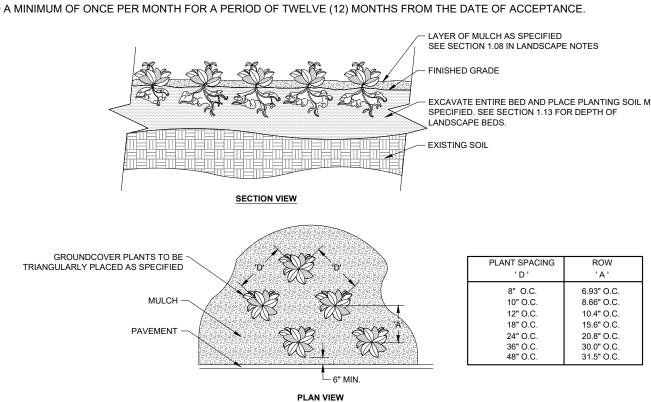
- A. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER DAILY. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS, THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL, SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, CONTRACTOR SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF
- B. SUBGRADE EXCAVATION: THE CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36" AT TREES AND 18" AT SHRUBS AND PERENNIALS. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISH GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED. AREAS AFTER 36", AND DEEP EXCAVATION BY THE CONTRACTOR AND POSITIVE DRAINAGE CANNOT BE ACHIEVED, THE CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT
- C. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CONTACT TENNESSEE ONE CALL AT (615) 351-1111 TO
- D. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND REQUIRED. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE
- E. GENERAL: COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED OR APPROPRIATELY HEALED IN FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.
- F. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.
- G. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH ANSI Z60.1-2014 AMERICAN STANDARD FOR NURSERY STOCK, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACK FILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION 1.05. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN.
- H. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.
- I. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION 1.05 OF THESE SPECIFICATIONS. J. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE, EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACK FILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER
- K. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. MATERIALS INSTALLED SHALL MEET MINIMUM SPECIMEN REQUIREMENTS OR QUANTITIES SHOW ON PLANS, WHICHEVER IS GREATER. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 12", REMOVE AND DISPOSE ALL DEBRIS. COORDINATE WITH PLANTING DETAILS FOR EXACT DEPTH. MIX TOP 4" OF THE PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION 1.05. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.
- L. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE PROJECT LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT
- M. HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, THE SELECTED PRODUCT SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER (AS ALLOWED BY JURISDICTIONAL AUTHORITY).

- A. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
- B. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS BY MEANS OF A SOD CUTTER TO A DEPTH OF THREE (3) INCHES, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
- C. SOIL PREPARATION: PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY. D. SODDING (TDOT #803-01)
- 1. THE CONTRACTOR SHALL SOD ALL DISTURBED AREAS WITHIN THE CONTRACT LIMITS NOT COVERED BY HARDSCAPE OR VEGETATIVE MATERIAL, UNLESS SPECIFICALLY NOTED OTHERWISE.
- 2. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES. AND THEN THOROUGHLY IRRIGATED. IF. IN THE OPINION OF THE OWNER. TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL
- 3. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.
- E. LAWN MAINTENANCE WITHIN THE CONTRACT LIMITS THE CONTRACTOR SHALL PRODUCE A DENISE WELL ESTABLISHED LAWN THE CONTRACTOR SHALL BE DESPONSIBLE FOR THE DEDAID AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"X12") UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. REPAIRED
- SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING RE-GRADING IF NECESSARY) 2. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON
- ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

A. UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM-CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S

1.16 PLANT MATERIAL MAINTENANCE

- A. ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
- 1.17 FINAL INSPECTION AND ACCEPTANCE OF WORK
- A. FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.
- A. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLUDING SOD) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTIED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
- B. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION DURING THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED WITHIN TEN (10) DAYS OF NOTICE, OR BETWEEN SEPTEMBER-NOVEMBER, MARCH-MAY. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED, PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.
- C. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE



SEE PLANTING LEGEND FOR GROUNDCOVER SPECIES, SIZE, AND SPACING DIMENSION. SETTLE SOIL AROUND ROOT BALL OF EACH GROUNDCOVER PRIOR TO MULCHING.



GROUNDCOVER PLANTING

OORDINATES ARE NAD/8 (1995), ARE DATUM ADJUSTED BY THE FACTOR

NAD83 AND SPECIFICATIONS TGRN. ALL ELEVATIONS AI

SHEET NUMBER _1-11

DESIGNED BY

CHECKED BY

DRAWN BY

KIMLEY-HORN PROJECT NO.

118181003

LANDSCAPE DETAILS

OSON'S ST

DESIGNED BY:

DRAWN BY:

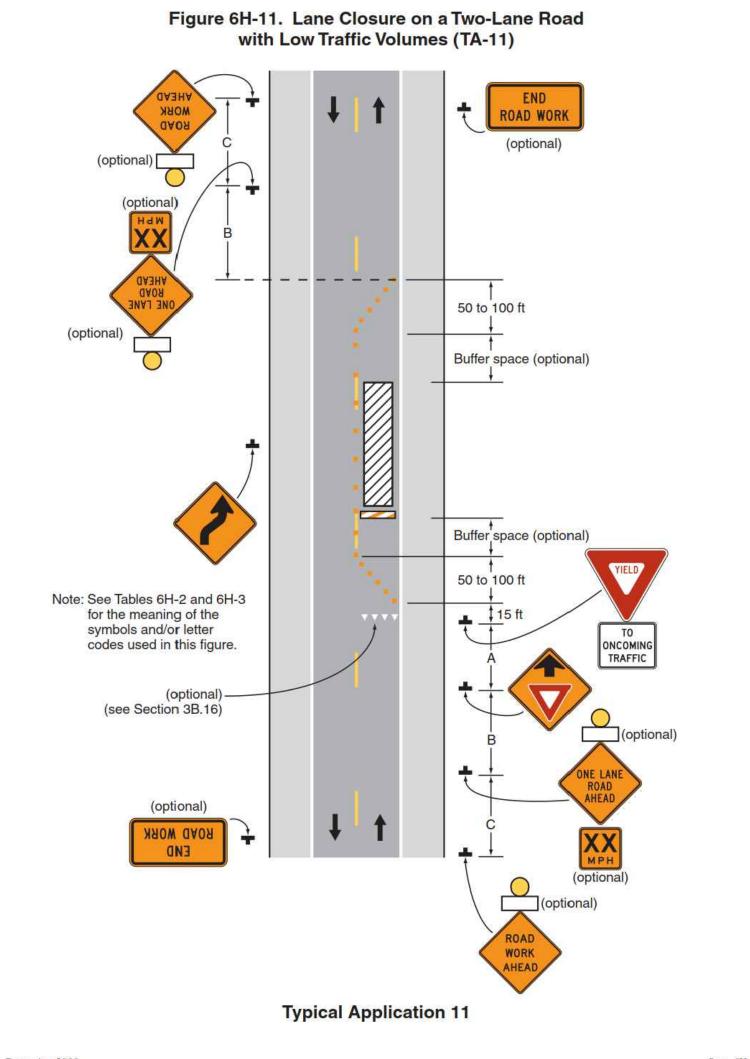
CHECKED BY:

DATE: 05/23/20

KIMLEY-HORN PROJECT NO. 118181003

NAD83 TRAFFIC MANAGEMENT PLAN

SHEET NUMBER
TMP-01



See Note 2 for flagger information

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

2 CLOSURE AT THE SIDE OF AN INTERSECTION SCALE: NOT TO SCALE

LANE CLOSURE OF TWO LANE ROAD WITH LOW TRAFFIC VOLUMES

TRAFFIC CONTROL NOTES:

ALL TRAFFIC CONTROL METHODS AND MEASURES SHALL BE IN ACCORDANCE WITH THE 2009 EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

OPEN HOLES OR TRENCHES SHALL NOT BE LEFT UNATTENDED OR UNPROTECTED WHENEVER WORK IS NOT BEING PERFORMED.

NOT MATERIALS OF CONSTRUCTION SHALL BE STOCKPILES WITHIN THE "CLEAR ZONE" AS DEFINED BY THE AASHTO ROADSIDE DESIGN GUIDE"

NO EQUIPMENT OR MACHINERY SHALL BE LEFT/PARKED, UNATTENDED WITHIN THE "CLEAN ZONE" AS DEFINED BY THE AASHTO "ROADSIDE DESIGN GUIDE," WHILE WORK IS NOT BEING PERFORMED.

THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 48 HOURS PRIOR TO ANY ROAD CLOSURE OR LANE SHIFTING OPERATIONS.

CONSTRUCTION PHASING

THE CONTRACTOR SHALL PLACE ALL CONSTRUCTION WARNING SIGNS ONE WEEK PRIOR TO THE BEGINNING OF WORK. THE APPROACH WARNING SIGNS SHALL BE PLACED ON DANBY TRACE DRIVE, WESTERHAMWAY, CALLAWAY PARK PLACE, COPPERGATE WAY, PADDOCK PARK DRIVE, CLAYTON ARNOLD ROAD, AND ARUNDEL LANE AND SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.

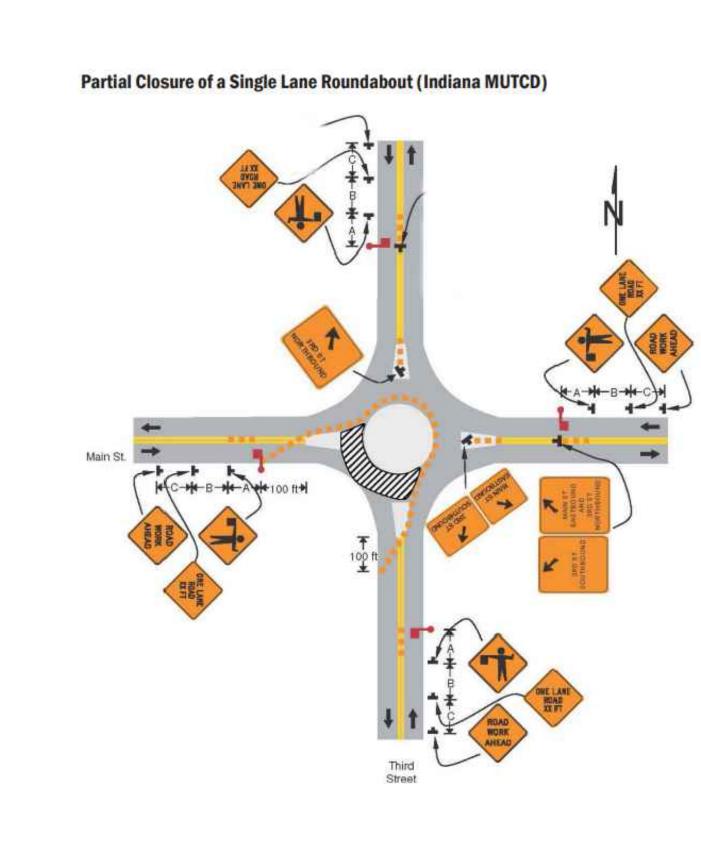
THE CONTRACTOR SHALL CLOSE THE DANBY TRACE DRIVE, WESTERHAMWAY, CALLAWAY PARK PLACE, COPPERGATE WAY, AND PADDOCK PARK DRIVE EASTBOUND, AND CLAYTON ARNOLD SOUTHBOUND TRAVEL LANE USING THE MUTCD TYPICAL APPLICATION 11 TO APPLY THE PAVEMENT MARKINGS.

THE CONTRACTOR SHALL DIVERT TRAFFIC FLOW ALONG HAMPSHIRE PLACE WHILE CONSTRUCTING THE CROSS-WALKS. ONE ENTRANCE TO HAMPSHIRE PLACE SHALL REMAIN OPEN AT ALL TIMES.

THE CONTRACTOR DIVERT TRAFFIC FLOW ALONG WESTERHAM WAY USING THE MUTCD TYPICAL APPLICATION 11 WHILE CONSTRUCTING THE CROSS-WALK.

THE CONTRACTOR SHALL DIVERT TRAFFIC FLOW ALONG BECKET CIRCLE WHILE CONSTRUCTING THE CROSS-WALKS. ONE ENTRANCE TO BECKET CIRCLE SHALL REMAIN OPEN AT ALL TIMES.

THE CONTRACTOR DIVERT TRAFFIC FLOW ALONG HADLEY CLOSE LANE USING THE MUTCD TYPICAL APPLICATION 11 WHILE CONSTRUCTING THE CROSS-WALK.



PARTIAL CLOSURE OF A SINGLE LANE ROUNDABOUT

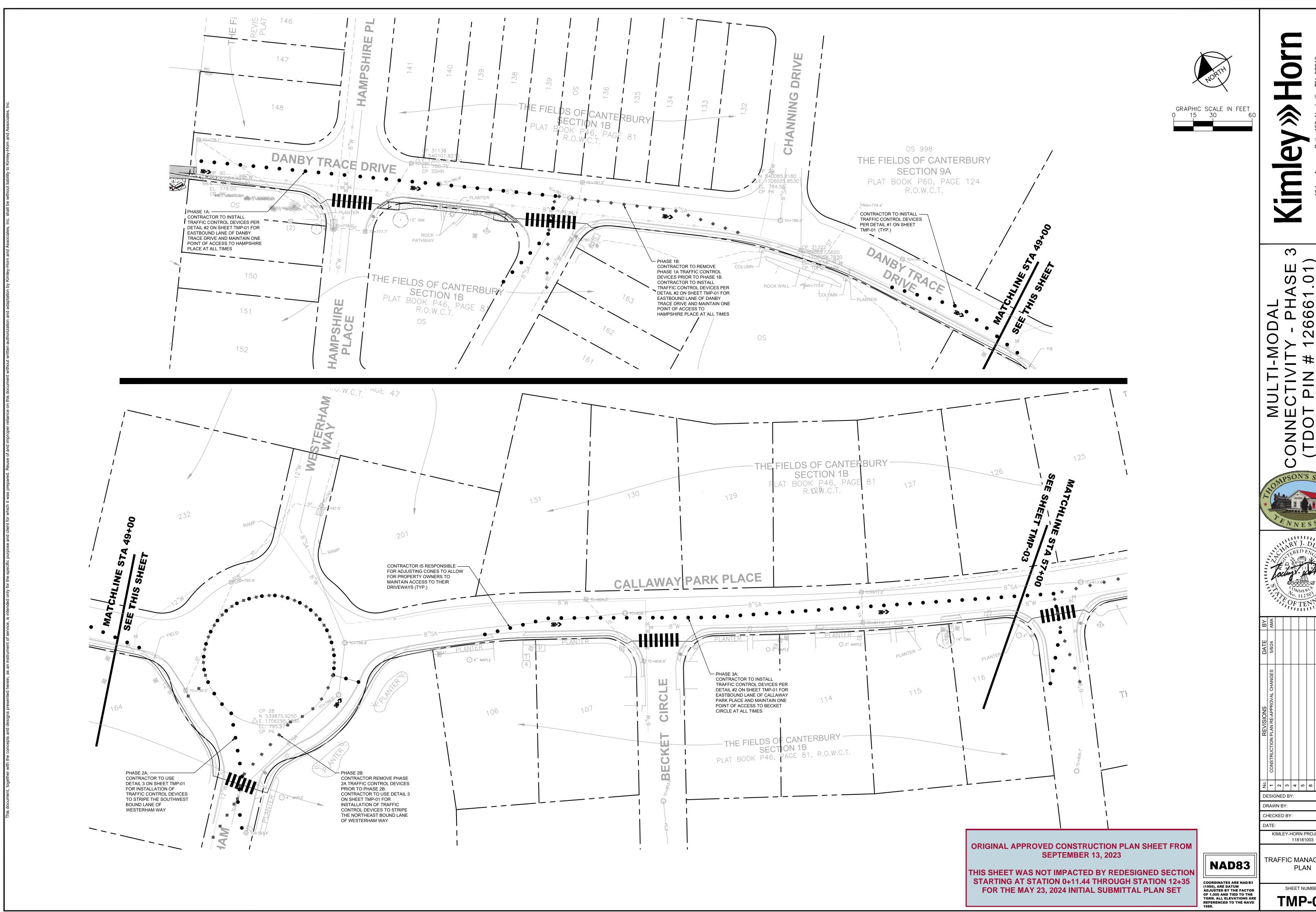
Dood Time	Distance Between Signs**							
Road Type	A	В	С					
Urban (low speed)*	100 feet	100 feet	100 feet					
Urban (high speed)*	350 feet	350 feet	350 feet					
Rural	500 feet	500 feet	500 feet					
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet					

Table 6C-1. Recommended Advance Warning Sign Minimum Spacing

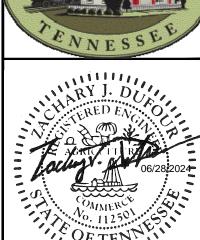
* Speed category to be determined by the highway agency
** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

ORIGINAL APPROVED CONSTRUCTION PLAN SHEET FROM SEPTEMBER 13, 2023

THIS SHEET WAS NOT IMPACTED BY REDESIGNED SECTION STARTING AT STATION 0+11.44 THROUGH STATION 12+35 FOR THE MAY 23, 2024 INITIAL SUBMITTAL PLAN SET

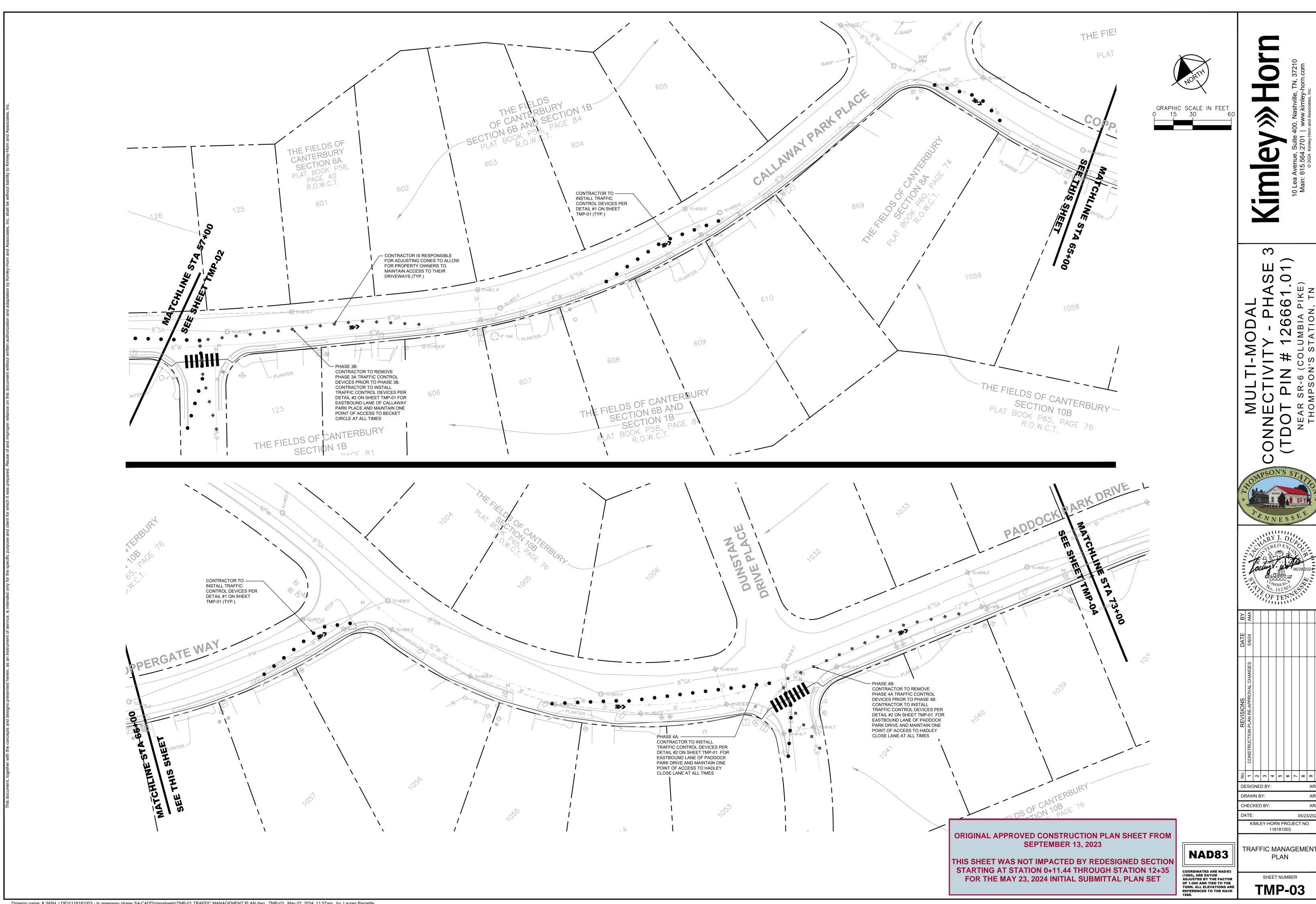


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KIMLEY-HORN PROJECT NO. 118181003 TRAFFIC MANAGEMENT

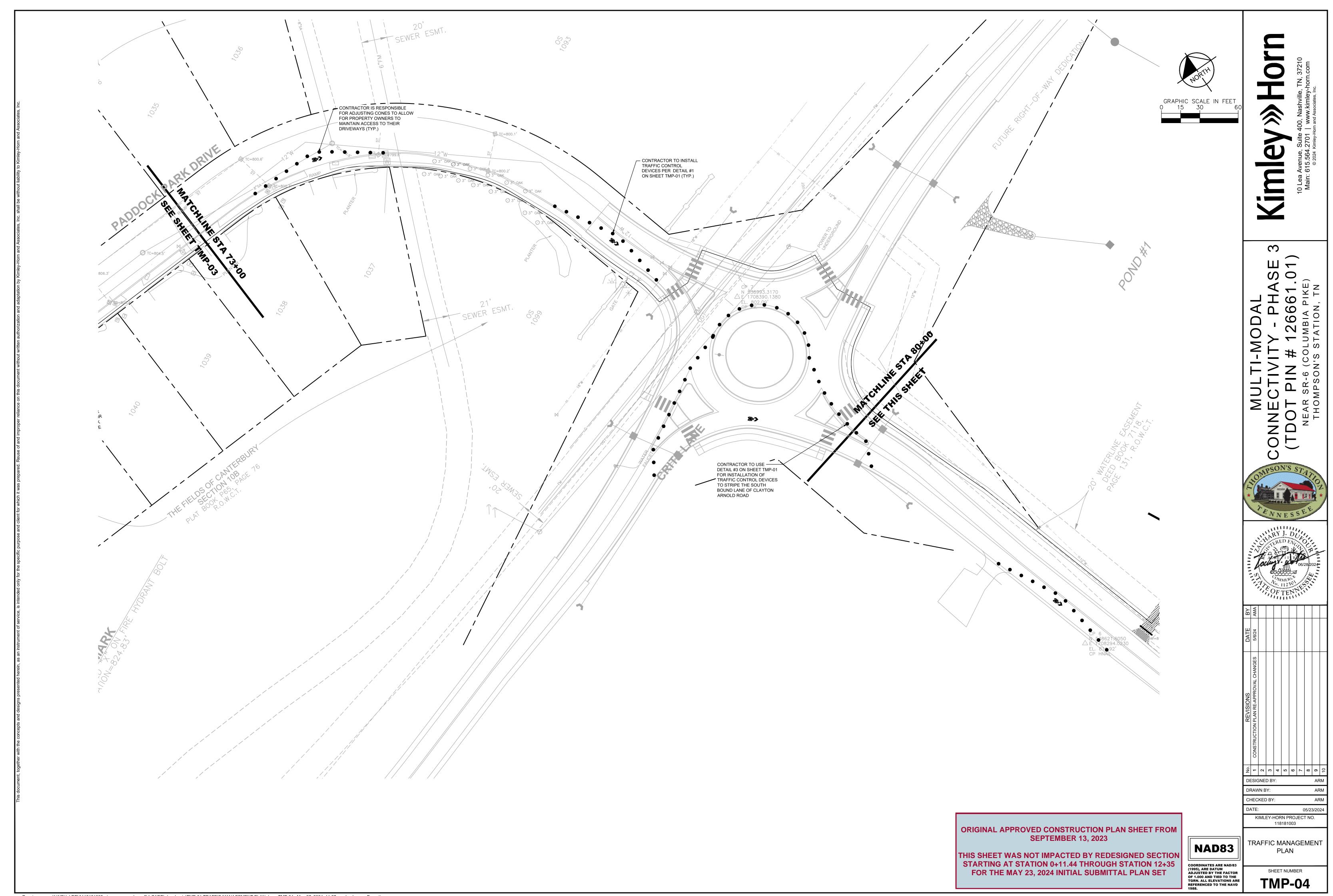
> SHEET NUMBER **TMP-02**



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KIMLEY-HORN PROJECT NO. 118181003 TRAFFIC MANAGEMENT PLAN SHEET NUMBER **TMP-03**

Drawing name: K:\NSH_LDEV\118181003 - ts greenway phase 3\4-CADD\plansheets\TMP-01 TRAFFIC MANAGEMENT PLAN.dwg TMP-03 May 07, 2024 11:57am by: Lauren.Barnette



GENERAL NOTES

SPECIFICATION

- CONSTRUCTION SPECIFICATIONS: TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (JANUARY 1, 2021 EDITION).
- DESIGN SPECIFICATIONS: 9TH EDITION (2020) AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, THE 2ND EDITION (2011) AÁSHTO GUIDE SPECIFICATIONS FOR LRFD SEISMIC BRIDGE DESIGN WITH INTERIMS AND AASHTO GUIDE SPECIFICATIONS FOR PEDESTRIAN BRIDGES (2009) WITH INTERIMS.
- 3. FOR PREFABRICATED PEDESTRIAN BRIDGE, SEE SPECIAL PROVISIONS.

MATERIAL AND WORKMANSHIP

1. PROVIDE ALL MATERIAL AND WORKMANSHIP IN ACCORDANCE WITH THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND BRIDGE CONSTRUCTION, 2021 EDITION, UNLESS OTHERWISE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS.

DESIGN DATA

- 1. UNIFORM PEDESTRIAN LIVE LOAD______90 PSF
- 2. VEHICULAR LIVE LOAD______AASHTO H-5
- 3. WIND LOAD_____PER AASHTO
- 4. WATER LOAD_____PER AASHTO
- 5. SEISMIC LOAD_____SEISMIC DESIGN CATEGORY A WITH A_S=0.108, S_{DS}=0.270, S_{D1}=0.136
- 6. TEMPERATURE LOAD_____PER AASHTO

FOUNDATIONS

- 1. FOUNDATION PREPARATION: SEE SECTION 204 OF THE STANDARD SPECIFICATION. IF IT IS DETERMINED COFFERDAMS AND SEALS ARE REQUIRED, THEY SHALL BE IN ACCORDANCE WITH SECTION 204.09 OF THE STANDARD SPECIFICATIONS.
- SPREAD FOOTINGS FOR ABUTMENTS: AFTER EXCAVATION TO ROCK FOR FOOTING HAS BEEN COMPLETED, HOLES 6' DEEP SHALL BE DRILLED AT POINTS DESIGNATED BY THE ENGINEER. FROM THE RESULTS OBTAINED, THE ENGINEER SHALL DETERMINE THE FINAL FOOTING ELEVATIONS. NO REINFORCING STEEL FOR ABUTMENT STEMS OR FOOTINGS SHALL BE ORDERED UNTIL FINAL FOOTING ELEVATIONS HAVE BEEN DETERMINED.
- 3. CONTRACTOR SHALL UTILIZE "GEOTECHNICAL ENGINEERING REPORT" PROVIDED BY TERRACON CONSULTANTS, INC., DATED JULY 26, 2021 FOR STRUCTURAL FILL RECOMMENDATIONS.

<u>CAST-IN-P</u>LACE CONCRETE

- 1. SUBSTRUCTURE CONCRETE: TO BE CLASS "A" (CAST-IN-PLACE) f'c = 3000 PSIEXCEPT AS NOTED OTHERWISE.
- 2. BRIDGE DECKS: CLASS "D" CONCRETE FOR BRIDGE DECKS SHALL BE IN ACCORDANCE WITH SECTION 604 OF THE STANDARD SPECIFICATIONS.
- 3. CONCRETE WORK SHALL FOLLOW THE PROVISIONS OF SECTION 604 OF THE STANDARD SPECIFICATIONS.
- 4. REINFORCING STEEL: SHALL BE ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. SEE SECTIONS 604 AND 907 OF THE STANDARD SPECIFICATIONS.
- 5. CHAMFER ALL EXPOSED EDGES ¾" UNLESS OTHERWISE NOTED.

PREFABRICATED PEDESTRIAN BRIDGE SUPERSTRUCTURE

- PREFABRICATED PEDESTRIAN BRIDGE SUPERSTRUCTURE, ANCHOR BOLTS, AND BEARING PADS SHALL BE DESIGNED BY THE CONTRACTOR'S ENGINEER BASED UPON THE SPECIFIED DESIGN CRITERIA. THE PREFABRICATED PEDESTRIAN BRIDGE SUPERSTRUCTURE PLANS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TENNESSEE. PLANS AND CALCULATIONS SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL. THE PREFABRICATED PEDESTRIAN BRIDGE SUPERSTRUCTURE CALCULATIONS SHALL INCLUDE A SUMMARY OF REACTIONS FOR ABUTMENTS. THE PREFABRICATED PEDESTRIAN BRIDGE SUPERSTRUCTURE FABRICATION SHALL NOT BEGIN UNTIL ALL APPROVALS HAVE BEEN RECEIVED.
- 2. PREFABRICATED PEDESTRIAN BRIDGE SHALL BE AASTEEL PRATT TRUSS.
- THE BRIDGE CLEAR PATH WIDTH SHALL BE 12'-0' AND SHALL BE MEASURED BETWEEN THE INSIDE FACES OF SAFETY AND RUB RAILING ELEMENTS.
- 4. SAFETY RAILING SYSTEM SHALL BE A MINIMUM OF 4'-6" ABOVE THE TOP OF BRIDGE DECK.
- 5. ALL STRUCTURAL STEEL FOR PREFABRICATED PEDESTRIAN BRIDGE SHALL BE WEATHERING STEEL AND SHALL CONFORM TO TDOT STANDARD SPECIFICATIONS AND PREFABRICATED PEDESTRIAN BRIDGE SPECIAL PROVISION.
- 6. WELDING: SEE SECTION 602 OF THE STANDARD SPECIFICATIONS.
- 7. RADIOGRAPHIC, ULTRASONIC, AND MAGNETIC INSPECTION: SEE SECTION 602 OF THE STANDARD SPECIFICATIONS.
- 8. PROTECTION OF SUBSTRUCTURES: SINCE THIS BRIDGE UTILIZES WEATHERING STEEL, THE CONTRACTOR MUST TAKE SPECIAL PRECAUTIONS TO PREVENT STAINING OF ABUTMENTS. PRIOR TO THE ERECTION OF ANY STEEL, THE TOPS AND SIDES OF THE COMPLETED SUBSTRUCTURES SHALL BE PROTECTED FROM STAINING BY WRAPPING WITH TRANSLUCENT, REINFORCED, HIGH DENSITY, TWO-PLY, CROSS-LAMINATED POLYETHYLENE.
 - IN LIEU OF THIS PROTECTION, THE CONTRACTOR MAY ELECT TO THOROUGHLY CLEAN THE CONCRETE OF RUST STAINING BY SANDBLASTING OR OTHER APPROVED METHODS, PRIOR TO APPLYING A TEXTURE—COATED FINISH. NO SEALANT TYPE MATERIALS SHALL BE APPLIED WHICH ARE INCOMPATIBLE WITH THE TEXTURE—COATED FINISH UNLESS THEY CAN BE THOROUGHLY REMOVED PRIOR TO APPLYING THE FINISH. TEXTURE-COATING OF THE SUBSTRUCTURE SHOULD BE DELAYED UNTIL AFTER THE DECK IS COMPLETED.
 - AFTER A SUBSTRUCTURE HAS RECEIVED ITS FINAL FINISH, THE TOP AND SIDES SHALL BE PROTECTED FROM STAINING BY WRAPPING WITH REINFORCED POLYETHYLENE, WHICH, IF BEING REUSED, SHALL BE IN GOOD CONDITION AND FREE FROM HOLES AND TEARS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE SUBSTRUCTURES FROM STAINING FOR THE DURATION OF THE CONTRACT. ANY CORRECTIVE TEXTURE-COATING SHALL BE AT HIS EXPENSE. COST TO BE INCLUDED IN THE UNIT PRICE BID FOR OTHER
- 9. SPLICES, IF REQUIRED FOR THE PREFABRICATED PEDESTRIAN BRIDGE SUPERSTRUCTURE, SHALL BE CLEARLY NOTED ON THE SHOP DRAWINGS AND NECESSARY CALCULATIONS PROVIDED.
- 10. BLAST CLEANING: THE FASCIA MEMBERS AND ALL FAYING SURFACES OF FIELD SPLICES (IF REQUIRED) OF ALL MEMBERS SHALL BE BLAST CLEANED IN ACCORDANCE WITH THE STEEL STRUCTURES PAINTING COUNCIL SURFACE PREPARATION SPECIFICATIONS "NO. 6 COMMERCIAL BLAST CLEANING"SSPC-SP 6 (OR NACE EQUIVALENT). PRIOR TO BOLTING, ANY LOOSE RUST ON THE FAYING SURFACES SHALL BE REMOVED.
- 11. FINAL APPEARANCE: PRIOR TO FINAL ACCEPTANCE, ALL STRUCTURAL STEEL SHALL BE FREE OF GREASE, OIL, CHALK MARKS, PAINT, CONCRETE SPATTER AND SIMILAR SOILAGE. DEPENDING ON THE LOCATION, WITH RESPECT TO VIEW AND SEVERITY OF THE FORE-GOING SOILAGE, THE STRUCTURAL STEEL SHALL BE CLEANED UNDER THE PROVISIONS OF ONE OF THE FOLLOWING STEEL STRUCTURES PAINTING COUNCIL SURFACE PREPARATION SPECIFICATIONS;
 - NO. 1 SOLVENT CLEANING SSPC-SP 1
 - NO. 2 HAND CLEANING SSPC-SP 2
 - NO. 3 POWER TOOL CLEANING SSPC-SP 3
 - NO. 7 BRUSH-OFF BLAST CLEANING SSPC-SP 7 (OR NACE EQUIVALENT)
- 12. WEATHERING BOLTS: ALL BOLTS SHALL BE ASTM F3125 GRADE (A325 OR A490), TYPE 3 UNLESS NOTED OTHERWISE. ALL BOLTS, NUTS, AND WASHERS SHALL HAVE THE SAME WEATHERING CHARACTERISTICS AS THE STRUCTURAL STEEL USED. IN LIEU OF USING DIRECT TENSION INDICATORS (DTI'S), ALL BOLTS SHALL BE INSTALLED BY EITHER TURN-OF-NUT TIGHTENING OR CALIBRATED WRENCH TIGHTENING IN ACCORDANCE WITH THE AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS, CURRENT EDITION.
- 13. WEEP HOLES SHALL BE PROVIDED FOR DRAINAGE OF BRIDGE TUBULAR MEMBERS, AND SHALL BE CLEARLY NOTED ON THE SHOP DRAWINGS.
- 14. THE BRIDGE DECK SHALL BE CAST-IN-PLACE CONCRETE.
- 15. SHOP DRAWINGS: SEE SECTION 105.02 OF THE STANDARD SPECIFICATIONS.
- 16. RIP-RAP: MACHINED RIP-RAP SHALL BE CLASS A-1 IN ACCORDANCE WITH SECTION 709 OF THE STANDARD SPECIFICATIONS AND SHALL BE MEASURED AND PAID FOR UNDER ROADWAY ITEM NO. 709-05.06.

PEDESTRIAN BRIDGE SUBSTRUCTURE

1. THE SUBSTRUCTURE DESIGN WAS BASED UPON THE INFORMATION AVAILABLE FROMTHE PREFABRICATED PEDESTRIAN BRIDGE MANUFACTURERS. ALL REACTIONS ARE ALLOWABLE LOADS, VERTICAL REACTIONS SHOWN ARE PER BASE PLATE (4 PER BRIDGE). LATERAL AND LONGITUDINAL REACTIONS SHOWN ARE PER ABUTMENT (2 PER BRIDGE).

40' SPAN:

Α.	VERTICAL LOADS:	
	DEAD LOAD	_10,000 LBS
	UNIFORM LIVE LOAD	. 10,800 LBS
	VEHICLE LOAD	5,000 LBS
	WIND UPLIFT (LOAD SPLIT ¾ AND ¼ BETWE	EN
	BASE PLATES)	-5,000 LBS
	BUOYANCY (BRIDGE I)	5 AAA IRS
	BUOYANCY (BRIDGE 2)	- 15,000 LBS
В.	LATERAL LOADS:	
	WIND	4.600 LBS
	STREAM FLOW (BRTDGE 1)	1 100 LRS
	STREAM FLOW (BRIDGE 2)	3,300 LBS
C .	LONGITUDINAL LOADS:	

2. CONSTRUCTION OF THE PEDESTRIAN BRIDGE ABUTMENTS SHALL NOT BEGIN UNTIL ALL APPROVALS FOR PREFABRICATED PEDESTRIAN BRIDGE SUPERSTRUCTURE HAVE BEEN RECEIVED.

TEMPERATURE 18,000 LBS

- 3. PEDESTRIAN BRIDGE ABUTMENT DETAILS SHALL BE COORDINATED WITH THE PREFABRICATED PEDESTRIAN BRIDGE PLANS, TO BE PROVIDED BY THE PREFABRICATED PEDESTRIAN BRIDGE MANUFACTURER. NOTIFY ENGINEER IMMEDIATELY IF CONFLICTS ARE IDENTIFIED. CONSTRUCTION OF THE ABUTMENT SHALL NOT BEGIN UNTIL SUPERSTRUCTURE SHOP DRAWINGS ARE APPROVED AND ALL CONFLICTS RESOLVED.
- 4. REINFORCEMENT IN CAP MAY BE SHIFTED TO CLEAR ANCHOR BOLTS.
- 5. THE TOP SURFACE OF ABUTMENT CAPS, EXCEPT AT BRIDGE SEATS, SHALL BE SLOPED TRANSVERSELY AT A MINIMUM RATE OF 2%.
- 6. ABUTMENT BACKWALL SHALL BE PLACED AFTER BRIDGE HAS BEEN ERECTED. TOP OF BACKWALL SHALL FOLLOW BRIDGE DECK GRADE.
- 7. THE ABUTMENTS SHALL BE CURED IN ACCORDANCE WITH TDOT STANDARD

APPROACH RAILINGS

1. APPROACH RAILINGS SHALL BE PROVIDED AT EACH CORNER OF THE BRIDGE AS SHOWN ON THE PLANS, AND PER FABRICATED PEDESTRAIN BRIDGE SPECIAL PROVISION.

CONSTRUCTION

1. SPECIAL NOTE TO CONTRACTOR: CONTRACTOR SHALL USE EXTREME CARE AND TAKE ANY MEASURES NECESSARY TO ENSURE THAT NO DEBRIS IS DROPPED INTO THE STREAM. ANY DEBRIS WHICH IS ALLOWED TO DROP ON THE BANKS BELOW THE BRIDGE SHALL NOT BE ALLOWED TO ENTER THE STREAM AND SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. COST OF REMOVAL AND DISPOSAL OF DEBRIS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS.

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No.	-	2	3	4	2	9	7	8	6	10
REVISIONS	CONSTRUCTION PLAN RE-APPROVAL CHANGES									
DATE	5/6/24									

DESIGNED BY: DRAWN BY:

CHECKED BY: KIMLEY-HORN PROJECT NO.

STRUCTURES NOTES

118181003

SHEET NUMBER **S-01**

DESIGNED BY: DRAWN BY:

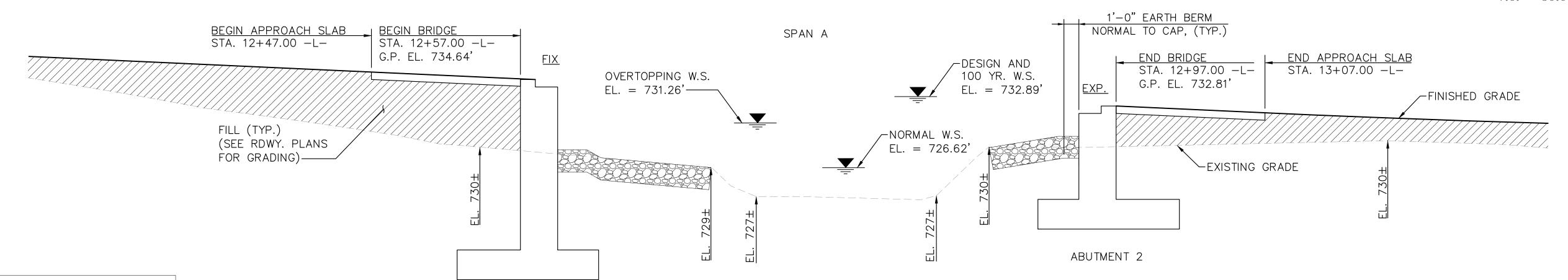
CHECKED BY: KIMLEY-HORN PROJECT NO. 118181003

PLAN AND PROFILE STRUCTURE NO. 1

> SHEET NUMBER **S-02**

-L- VERTICAL CURVE DATA

P.I. STA. = 13+32.83 ELEV. = 731.18 V.C. = 50.0′



SECTION ALONG -L-

HYDRAULIC DATA

DESIGN DISCHARGE -----581 CFS FREQUENCY OF DESIGN FLOOD -----10-YR DESIGN HIGH WATER ELEVATION----732.89 FT DRAINAGE AREA -----1.05 SQ MI BASIC DISCHARGE (Q100)----976 CFS BASIC HIGH WATER ELEVATION----734.32 FT

OVERTOPPING FLOOD DATA

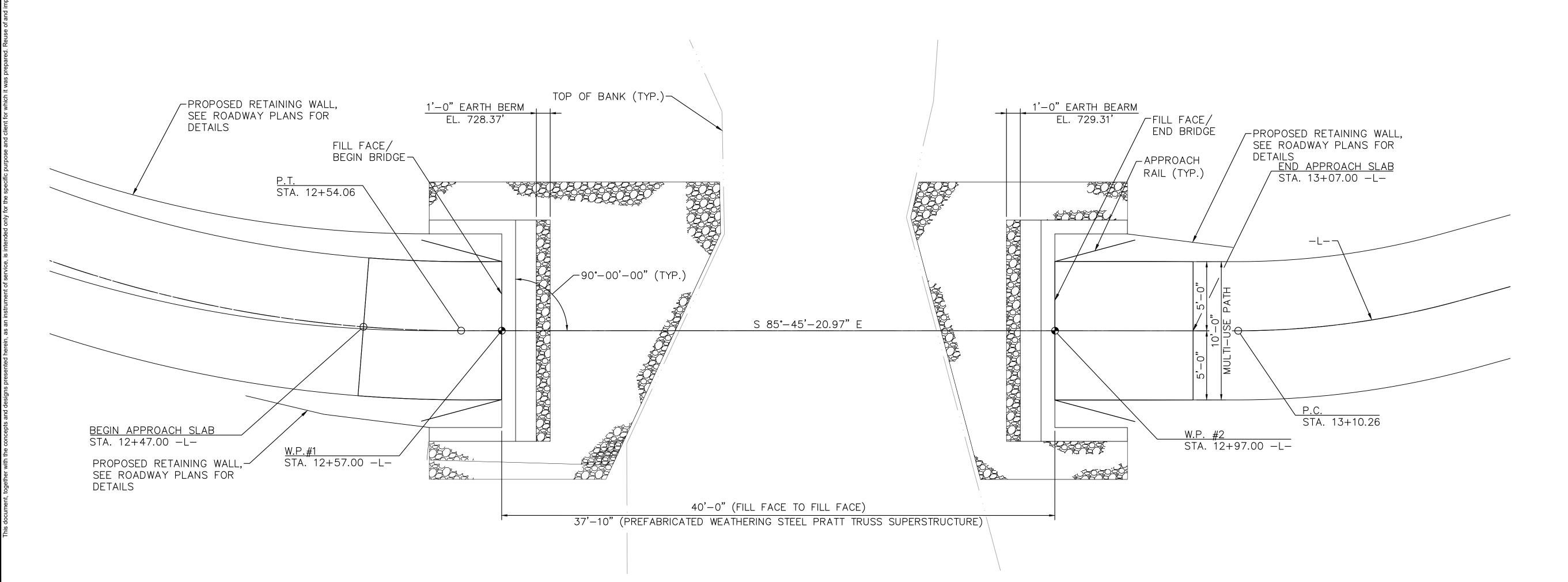
OVERTOPPING DISCHARGE -----459 CFS FREQUENCY OF OVERTOPPING FLOOD ---5-YR OVERTOPPING FLOOD ELEVATION ---- 731.26 FT

CURVE DATA -L-

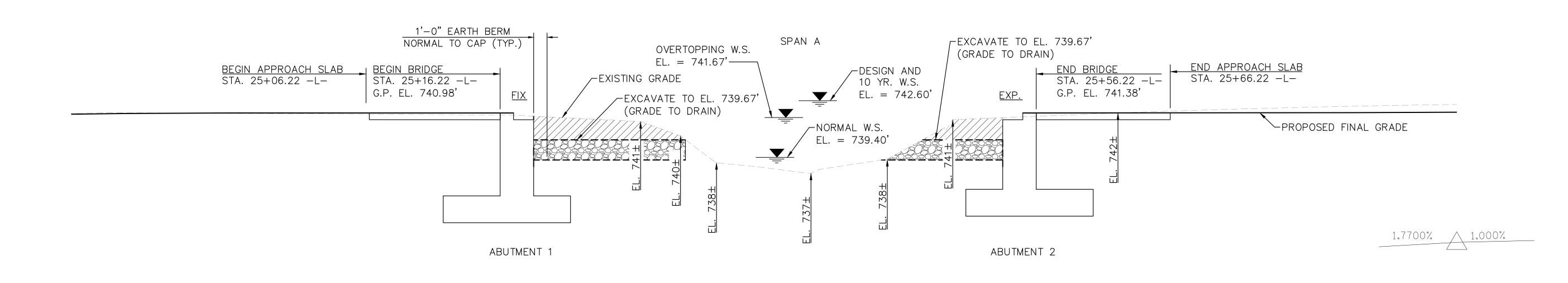
P.I. STA. 12+10.34 P.I. STA. 13+18.85 N = 541477.70 N = 5414687.87 E = 1703101.29 E = 1703220.32 $\Delta = 62^49'17.76'' (LT)$ $\Delta = 15^32'38.76'' (LT)$ D = 95²⁹′34.8″ $D = 63^39'43.2''$ L = 16.28'L = 98.68'T = 54.96′ T = 8.19'

R = 60.00'

R = 90.00'



ABUTMENT 1



SECTION ALONG -L-

-L- VERTICAL CURVE DATA

P.I. STA. = 24+77.11' ELEV. = 740.60 V.C. = 6.679'

HYDRAULIC DATA

DESIGN DISCHARGE------528 CFS
FREQUENCY OF DESIGN FLOOD -----10-YR
DESIGN HIGH WATER ELEVATION----742.60 FT
DRAINAGE AREA ------0.9 SQ MI
BASIC DISCHARGE (Q100)-----888 CFS
BASIC HIGH WATER ELEVATION----744.05 FT

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE -----350 CFS FREQUENCY OF OVERTOPPING FLOOD ---<5-YR OVERTOPPING FLOOD ELEVATION ----741.67 FT

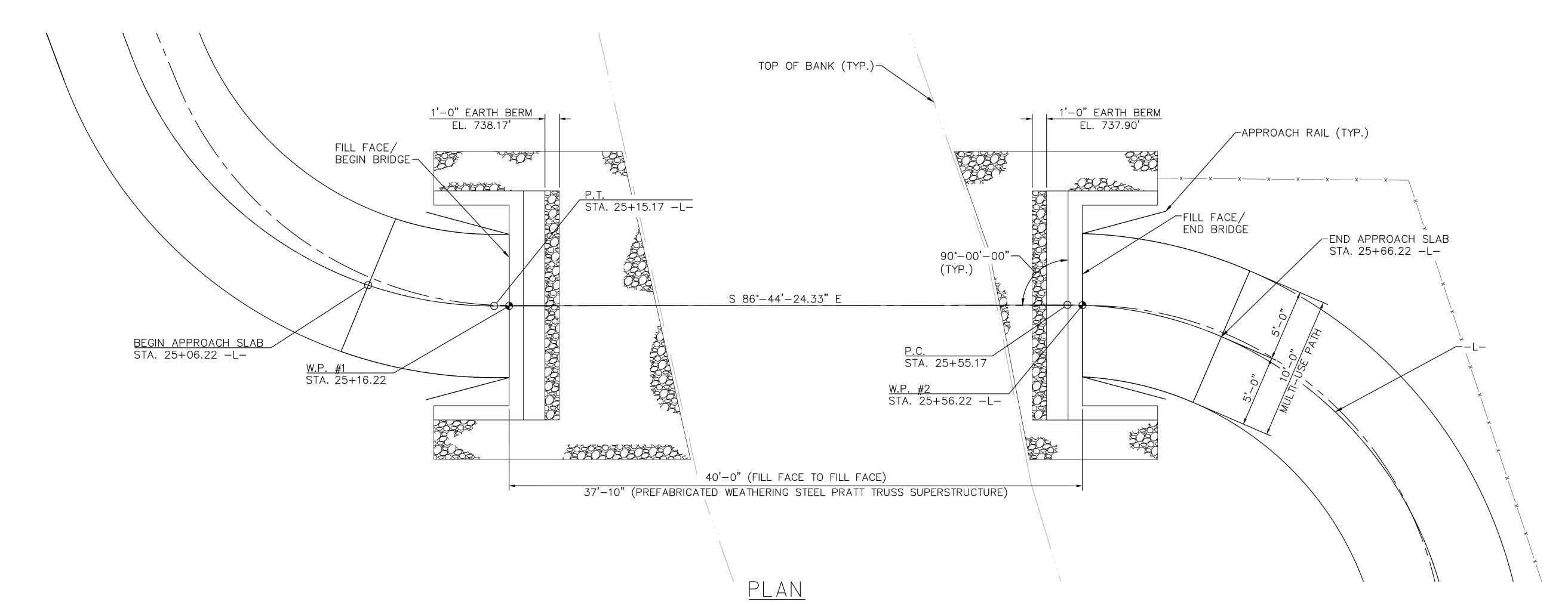
HORIZONTAL CURVE DATA -L-

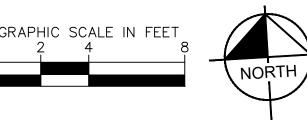
P.I. STA. 25+01.14'N = 540941.40E = 1704174.09 $\Delta = 69^33'58.68''$ (LT) D = $212^12'23.76''$ L = 32.78'

L = 32.78' T = 18.75' R = 27.00' P.I. STA. 25+76.57' N = 540936.84 E = 1704254.12 Δ = 76⁴⁸'12.24" (RT)

D = 212¹2'23.76" L = 36.19' T = 21.40'

R = 27.00'





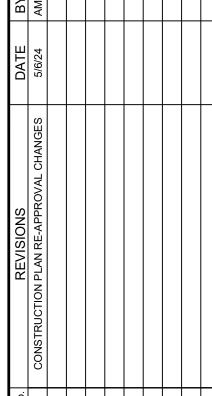


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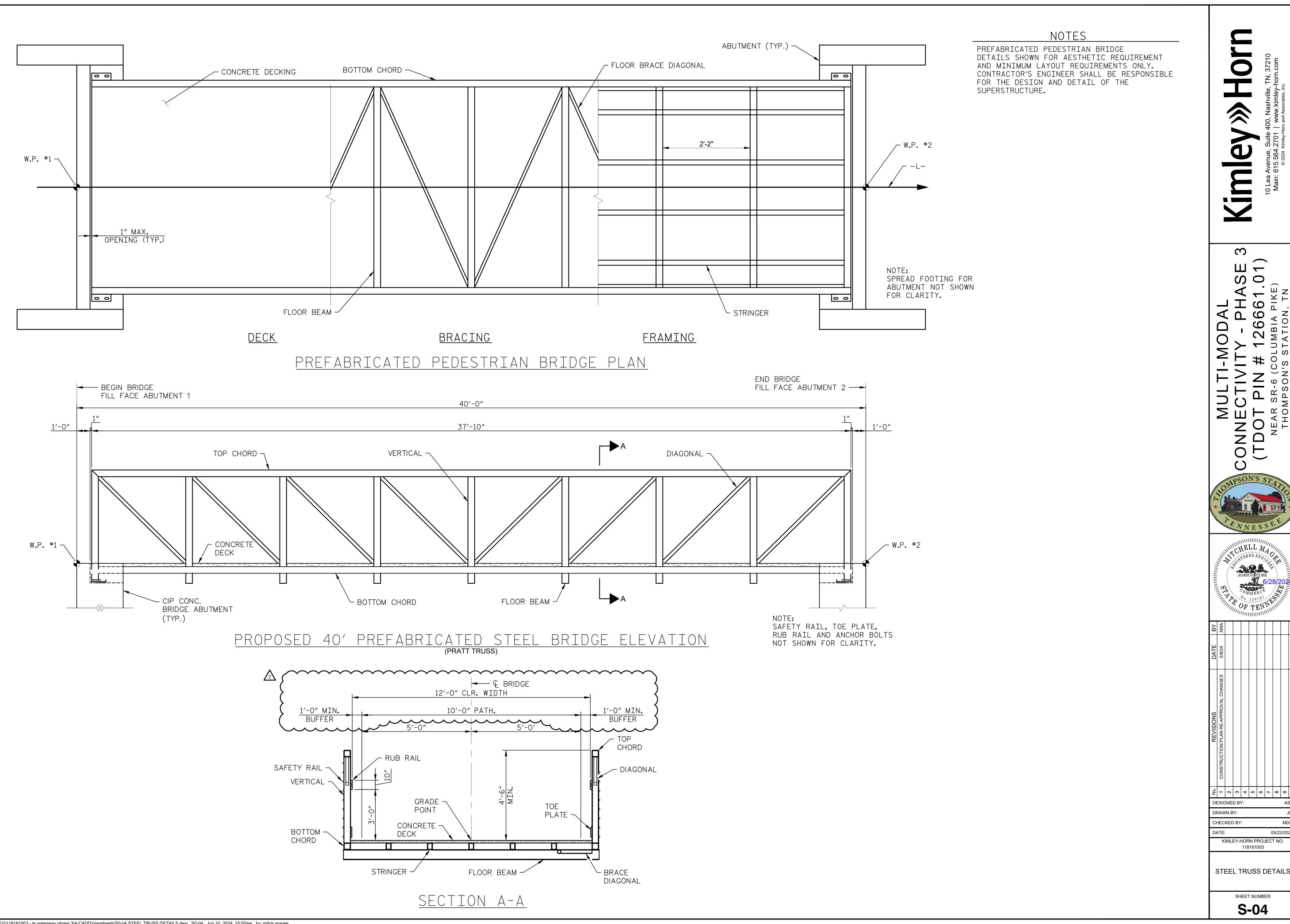
DRAWN BY:

CHECKED BY:

KIMLEY-HORN PROJECT NO. 118181003 PLAN AND PROFILE

PLAN AND PROFILE STRUCTURE NO. 2

S-03



Drawing name: K:\NSH_LDEV\118181003 - ts greenway phase 3\4-CADD\plansheets\S0-04 STEEL TRUSS DETAILS.dwg S0-04 Jun 10, 2024 10:50am by: mitch.magee

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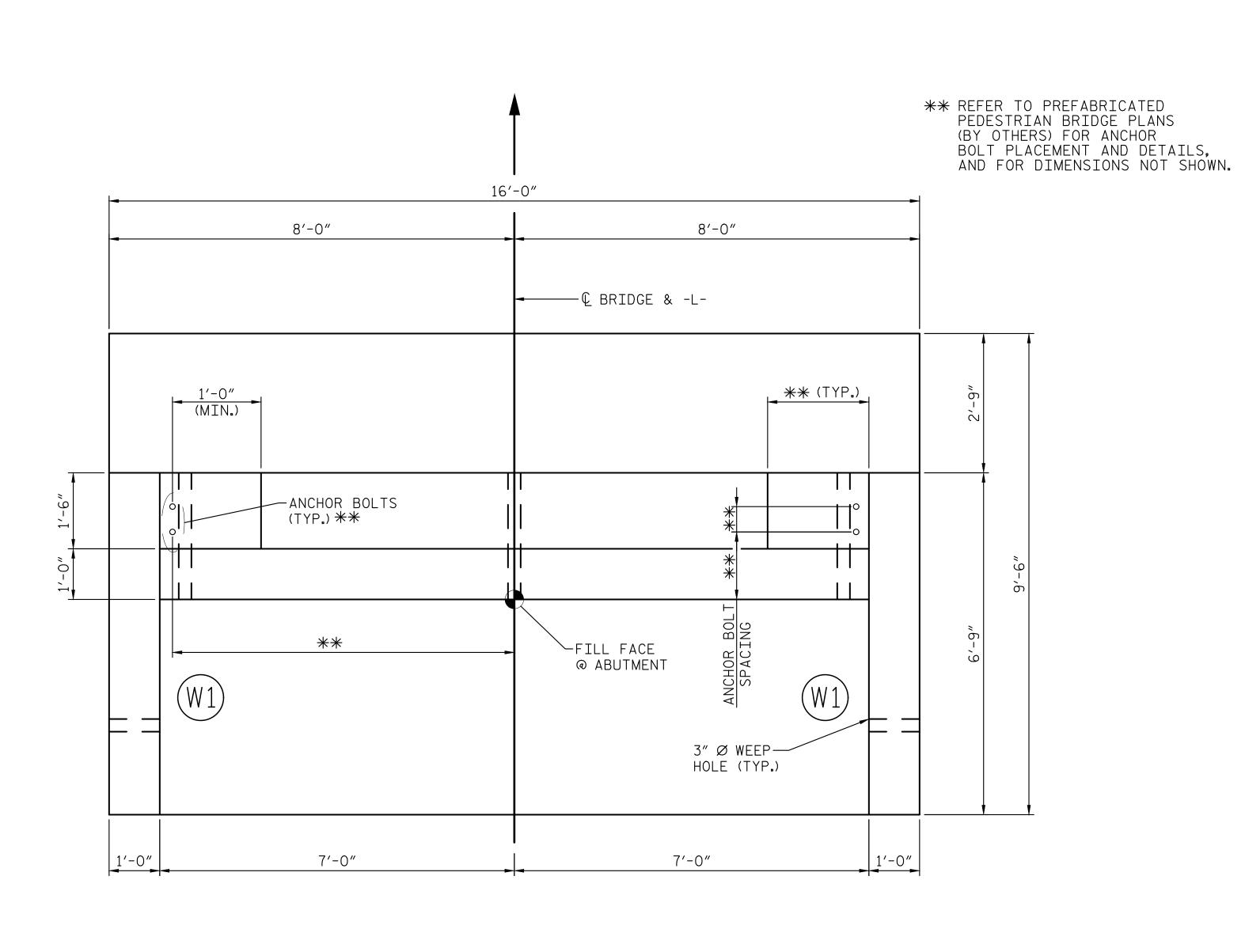


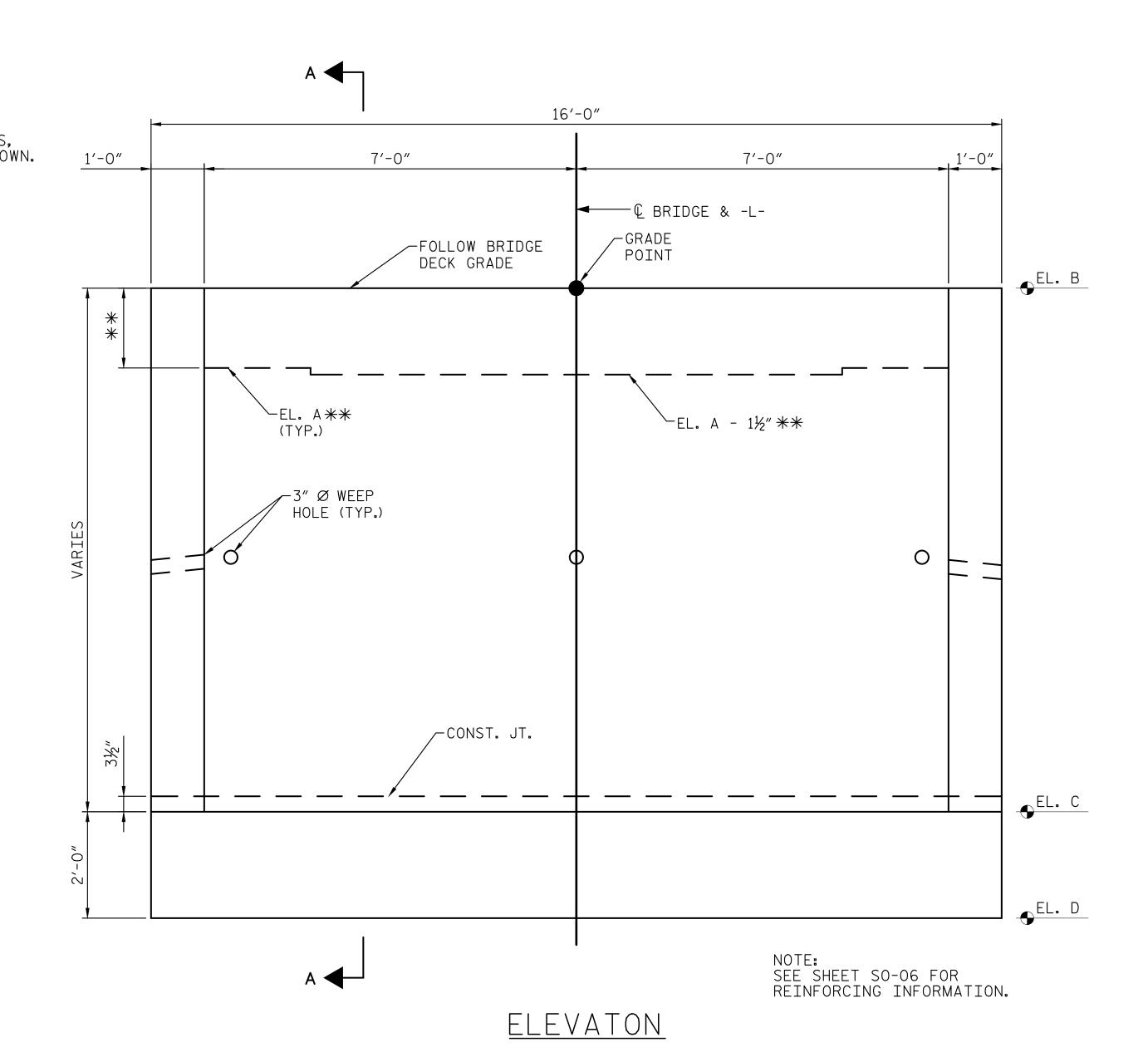
IONS	DATE	
E-APPROVAL CHANGES	5/6/24	٩
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CHECKED BY:

118181003

SHEET NUMBER **S-04**





PLAN

ELEVATION TABLE								
STRUCTURE	ELEVATION A	ELEVATION B	ELEVATION C	ELEVATION D				
STRUCTURE 1; ABUTMENT 1	**	734.64	723.50	721.50				
STRUCTURE 1: ABUTMENT 2	**	732.81	726.50	724.50				
STRUCTURE 2; ABUTMENT 1	**	741.67	735.50	733.50				
STRUCTURE 2: ABUTMENT 2	**	741.67	736.00	734.00				

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10 Lea Avenue, Suite 400, Nashville, T

MULTI-MODAL

ONNECTIVITY - PHASE 3

(TDOT PIN # 126661.01)

NEAR SR-6 (COLUMBIA PIKE)
THOMPSON'S STATION, TN



APSON'S STA

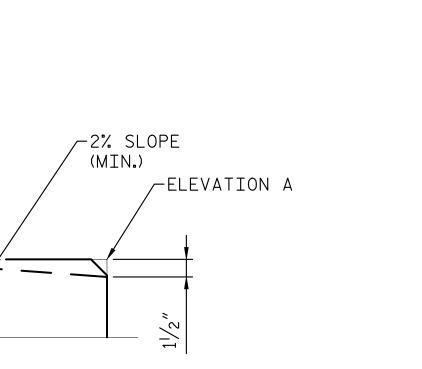
						• •			
ВУ	AMA								
DATE	5/6/24								
REVISIONS	CONSTRUCTION PLAN RE-APPROVAL CHANGES								
No.	1	7	3	4	2	9	7	8	6
	SIC	SNE	D B	Y:					A

ABUTMENT DETAILS

KIMLEY-HORN PROJECT NO. 118181003

DRAWN BY: CHECKED BY:

SHEET NUMBER



NOTES

"SUBSURFACE DRAINAGE FOR BELOW-GRADE WALLS" IN THE GEOTECHNICAL REPORT SHALL BE FOLLOWED TO ACHIEVE "UNSATURATED" CONDITIONS.

'SUBSURFACE DRAINAGE DETAIL' ON THIS SHEET PROVIDED FOR REFERENCE ONLY. REFER TO GEOTECHNICAL REPORT LISTED ON S-01 FOR DRAINAGE AND BACKFILL REQUIREMENTS.

FOLLOW THE GUIDANCE OF TDOT STANDARD DRAWING, STD-10-1, FOR ABUTMENT WALL DRAINAGE DETAILS

(IMB) HO

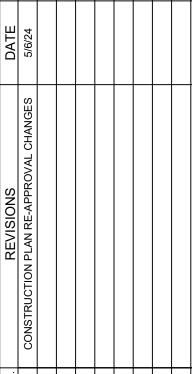
FIVITY - PHASE
IN # 126661.01)
R-6 (COLUMBIA PIKE)
SON'S STATION, IN

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CONNECTIV (TDOT PIN NEAR SR-6 (THOMPSON







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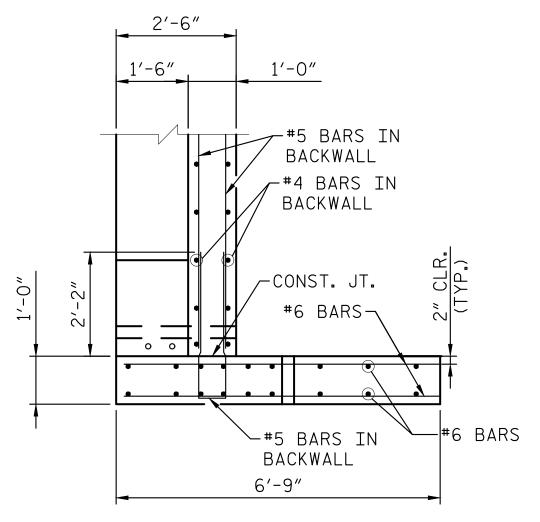
DATE: 05/2

ABUTMENT DETAILS

KIMLEY-HORN PROJECT NO. 118181003

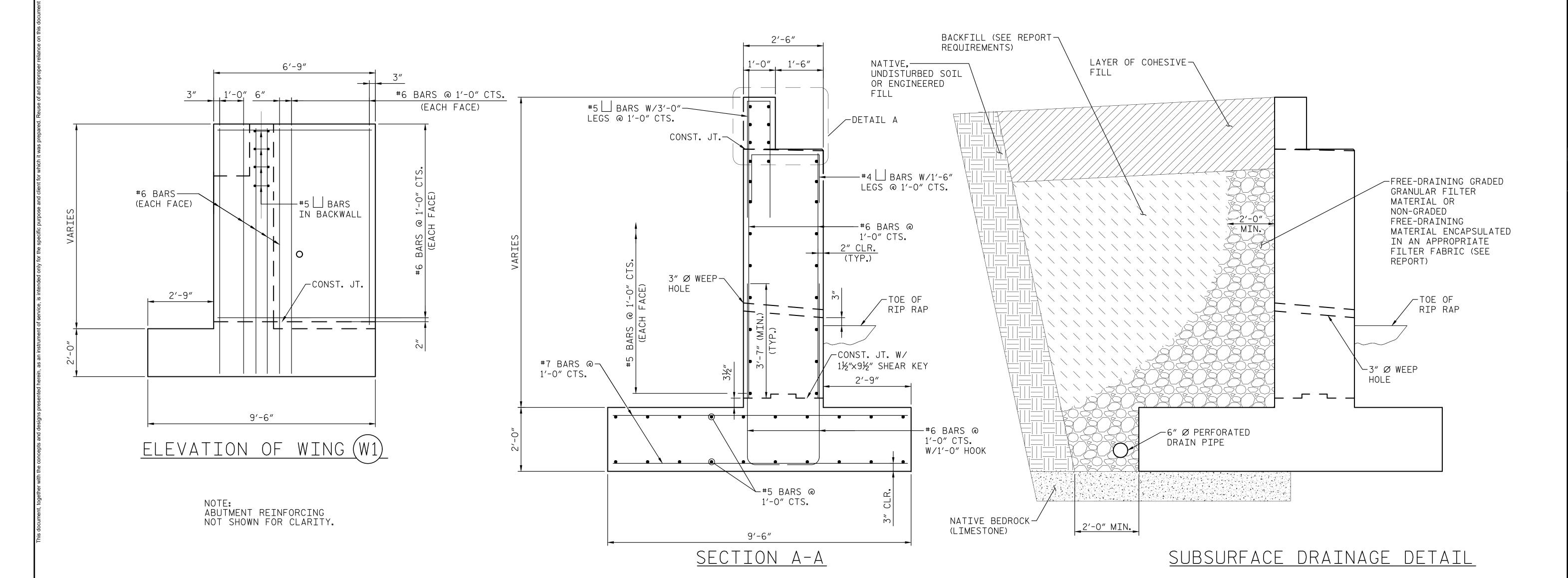
S-06

SHEET NUMBER



PLAN OF WING (W1)





SPSON'S STA

KIMLEY-HORN PROJECT NO. 118181003

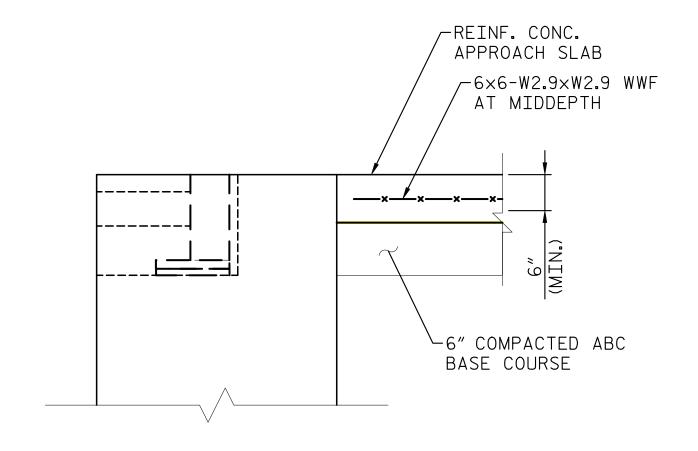
APPROACH SLAB AND RAIL DETAILS

SHEET NUMBER

FINISHED GRADE

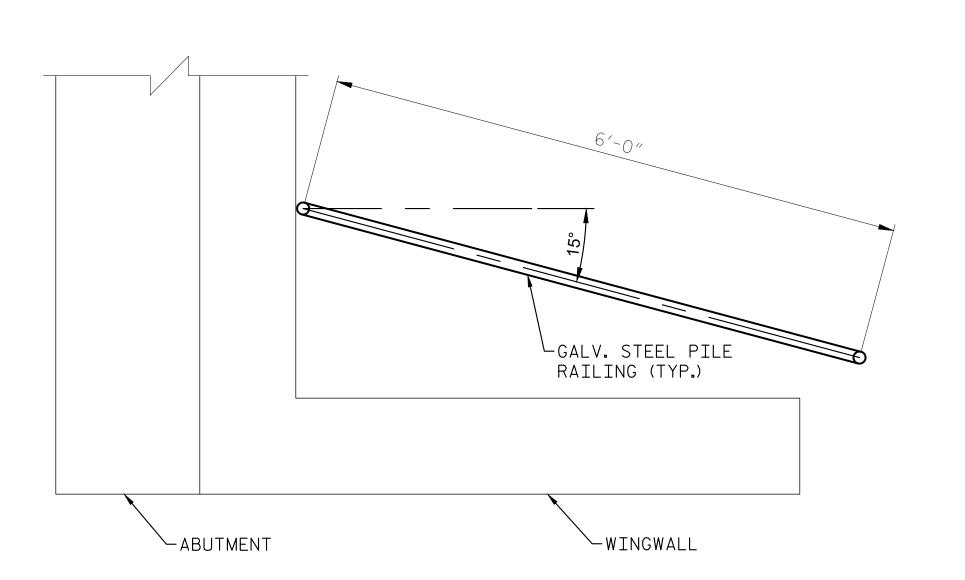
2" MAX.

6′-0″



TYPICAL APPROACH SLAB DETAIL

TYPICAL APPROACH RAIL ELEVATION



TYPICAL APPROACH RAIL PLAN