

CITY OF FAIRVIEW NORTHWEST HIGHWAY STORMWATER IMPROVEMENTS

FAIRVIEW, WILLIAMSON COUNTY, TN
NOVEMBER 2024



VICINITY MAP

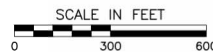


PERMITTING / UTILITY COMPANIES

- ZONING**
CITY OF FAIRVIEW PLANNING AND CODES DEPT.
7111 BOWIE LAKE ROAD
FAIRVIEW, TN 37062
CONTACT: MARIA BRUCE
PHONE: 615-799-1595
- PUBLIC WORKS**
CITY OF FAIRVIEW PUBLIC WORKS DIRECTOR
7100 CITY CENTER WAY
FAIRVIEW, TN 37062
CONTACT: TODD BRATCHER
PHONE: 615-566-8666
- WATER SERVICE**
WATER AUTHORITY OF DICKSON COUNTY
101 COWAN ROAD
DICKSON, TN 37055
CONTACT: TIM SWAW
PHONE: 615-533-4931
- SANITARY SEWER SERVICE**
WATER AUTHORITY OF DICKSON COUNTY
101 COWAN ROAD
DICKSON, TN 37055
CONTACT: TIM SWAW
PHONE: 615-533-4931
- ELECTRIC SERVICE**
MIDDLE TENNESSEE ELECTRIC MEMBERSHIP CORP.
555 NEW SALEM HIGHWAY
MURFREESBORO, TN 37129
CONTACT: JOHNATHAN MCPHERSON
PHONE: 615-595-4695
- GAS SERVICE**
PIEDMONT NATURAL GAS
83 CENTURY BOULEVARD
NASHVILLE, TN 37214
CONTACT: STEPHEN FRANCESCO
PHONE: 615-872-2407
- TELEPHONE SERVICE**
AT&T
333 COMMERCE STREET, FLOOR 23
NASHVILLE, TN 37201
CONTACT: AARON SHEPPARD
PHONE: 629-888-6046



SITE MAP



PROJECT TEAM

- OWNER/DEVELOPER**
CITY OF FAIRVIEW
7100 CITY CENTER WAY
FAIRVIEW, TN 37062
CONTACT: TOM DAUGHERTY
PHONE: 615-387-6084
EMAIL: TDAUGHERTY@FAIRVIEW-TN.ORG
- CIVIL ENGINEER & LAND SURVEYOR**
CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
117 SEABOARD LANE, SUITE E100
FRANKLIN, TN 37067
CONTACT: JJ THORNTON, P.E. - PROJECT ENGINEER
PHONE: 615-333-7797
EMAIL: JJTHORNTON@CECINC.COM

Sheet List Table	
Sheet Number	Sheet Title
C000	COVER SHEET
C001	GENERAL NOTES
C002	STANDARD DRAWINGS
C003	QUANTITIES
C101	EXISTING CONDITIONS AND DEMOLITION PLAN
C102	EXISTING CONDITIONS AND DEMOLITION PLAN
C103	EXISTING CONDITIONS AND DEMOLITION PLAN
C104	EXISTING CONDITIONS AND DEMOLITION PLAN
C201	GRADING AND DRAINAGE PLAN
C202	GRADING AND DRAINAGE PLAN
C203	GRADING AND DRAINAGE PLAN
C204	GRADING AND DRAINAGE PLAN
C211	DETOUR PLAN
C212	DETOUR PLAN
C213	DETOUR PLAN
C214	DETOUR PLAN
C800	DETAILS
C901	EROSION AND SEDIMENT CONTROL PLAN
C902	EROSION AND SEDIMENT CONTROL PLAN
C903	EROSION AND SEDIMENT CONTROL PLAN
C904	EROSION AND SEDIMENT CONTROL PLAN

NO	DATE	DESCRIPTION

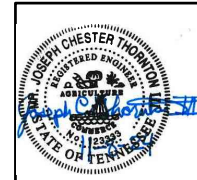
117 Seaboard Lane
Suite E-100
Franklin, TN 37067
Ph: 615.333.7797
www.cecinc.com



**CITY OF FAIRVIEW
STORMWATER IMPROVEMENTS
NORTHWEST HIGHWAY
FAIRVIEW, WILLIAMSON CO, TN**

COVER SHEET

DATE: NOVEMBER 2024
DRAWN BY: [Signature]
CHECKED BY: [Signature]
PROJECT NO: 336-896
APPROVED BY: [Signature]



DRAWING NO.: **C000**

P:\330-200\336-896-CADD\Draw\336-896-0000.dwg (C000) LS(11/9/2024 - 10:58 AM) - LP: 11/9/2024 10:58 AM



NOTE TO CONTRACTOR
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.

GENERAL PROJECT NOTES

- 1. THE CONTRACTOR SHALL NOTIFY THE CITY OF FAIRVIEW A MINIMUM OF 2 BUSINESS DAYS PRIOR TO COMMENCING WORK ON THIS PROJECT. HOLIDAYS AND WEEKENDS EXCLUDED. WORK SHALL NOT COMMENCE UNTIL A PRE-CONSTRUCTION MEETING IS HELD ONSITE TO CONFIRM PROJECT LOCATIONS.
- 2. ANY MODIFICATIONS TO THE WORK AS SHOWN ON THESE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE ENGINEER.
- 3. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 4. ALL LAND-DISTURBING ACTIVITIES SHALL BE SUBJECT TO INSPECTION AND SITE INVESTIGATION BY THE CITY OF FAIRVIEW AND/OR THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION. FAILURE TO COMPLY WITH THESE REGULATIONS IS SUBJECT TO LEGAL ENFORCEMENT ACTION.
- 5. SITE IS TO BE CONSTRUCTED IN A MANNER THAT REDUCES DISRUPTION TO NEIGHBORING OPERATIONS TO MAXIMUM EXTENT POSSIBLE. TEMPORARY MEASURES REQUIRED TO FACILITATE DAILY OPERATIONS DURING THE CONSTRUCTION PERIOD SHALL BE IMPLEMENTED BY THE CONTRACTOR; UNDER NO CIRCUMSTANCES SHOULD IMPLEMENTATION OF THESE MEASURES JEOPARDIZE THE SAFETY OF NEIGHBORING EMPLOYEES OR THE CONTRACTOR.
- 6. ALL TRENCHING, PIPE LAYING AND BACKFILLING SHALL BE IN ACCORDANCE WITH ALL FEDERAL OSHA REGULATIONS. CONTRACTOR TO PAY PARTICULAR ATTENTION TO 29 CFR PART 1926, SUBPARTS M AND P.
- 7. CONTRACTOR TO PROVIDE TRAFFIC CONTROL MEASURES FOR ALL WORK COMPLETED WITHIN THE RIGHT OF WAY.
- 8. CONTRACTOR TO CLEAN AND SWEEP STREETS SURROUNDING AREAS OF CONSTRUCTION EACH DAY DURING CONSTRUCTION.
- 9. BEFORE INSTALLATION OF STORM, SANITARY SEWER, OR OTHER UTILITY, THE CONTRACTOR SHALL VERIFY ALL CROSSINGS, BY EXCAVATION WHERE NECESSARY, AND INFORM THE OWNER AND THE ENGINEER OF ANY CONFLICTS. THE ENGINEER WILL BE HELD HARMLESS IN THE EVENT HE/SHE IS NOT NOTIFIED OF DESIGN CONFLICTS PRIOR TO CONSTRUCTION.
- 10. EXISTING CONDITIONS AS DEPICTED ON THESE PLANS ARE GENERAL AND ILLUSTRATIVE IN NATURE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE SITE AND BE FAMILIAR WITH EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF CONDITIONS ENCOUNTERED DURING EXAMINATION ARE SIGNIFICANTLY DIFFERENT THAN THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
- 11. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COMPLYING WITH APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
- 12. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, OBTAIN ALL APPLICABLE PERMITS, AND PAY ALL REQUIRED FEES PRIOR TO BEGINNING WORK.
- 13. ALL WORK PERFORMED BY THE CONTRACTOR SHALL CONFORM TO THE LATEST REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT.
- 14. FENCE NOT TO BE REMOVED/DISTURBED.

GENERAL SURVEY NOTES

- 1. EXISTING SITE INFORMATION/TOPOGRAPHIC SURVEY IS A COMBINATION OF INFORMATION PREPARED BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC. DATED OCTOBER 2024, AND AVAILABLE STATE LIDAR DATA DATED 2018.
- 2. ELEVATION DATA BASED ON EXISTING SITE FEATURES. CONTACT CEC SURVEY DEPARTMENT FOR CONTROL POINT INFORMATION.
- 3. BEARINGS ARE BASED ON TENNESSEE STATE PLANE COORDINATE SYSTEM (NAD83).

GENERAL DEMOLITION NOTES

- 1. CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD.
- 2. ALL DEMOLITION WASTE AND CONSTRUCTION DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED AND SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFFSITE IN A STATE APPROVED WASTE SITE AND IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. REPAIR DAMAGE ACCORDING TO THE APPROPRIATE UTILITY COMPANY STANDARDS AND AT THE CONTRACTOR'S EXPENSE.
- 3. EROSION AND SEDIMENTATION CONTROL MEASURES AROUND AREAS OF DEMOLITION SHALL BE PROPERLY INSTALLED AND SHALL FUNCTION PROPERLY PRIOR TO INITIALIZATION OF DEMOLITION ACTIVITIES.
- 4. ASBESTOS OR HAZARDOUS MATERIALS ARE NOT EXPECTED. IF FOUND ON SITE, SUCH MATERIALS SHALL BE HANDLED AND REMOVED BY A LICENSED HAZARDOUS MATERIALS CONTRACTOR, IN ACCORDANCE WITH APPLICABLE REGULATIONS. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY IF HAZARDOUS MATERIALS ARE ENCOUNTERED.
- 5. CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE, FEDERAL AND OSHA REGULATIONS DURING ALL DEMOLITION ACTIVITIES.
- 6. CONTRACTOR SHALL PROTECT ALL CORNER PINS, MONUMENTS, PROPERTY CORNERS AND BENCHMARKS DURING DEMOLITION ACTIVITIES. IF DISTURBED, CONTRACTOR SHALL HAVE DISTURBED ITEMS RESET BY A LICENSED SURVEYOR AT NO ADDITIONAL COST TO THE OWNER.
- 7. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES, STRUCTURES, AND FEATURES TO REMAIN. ANY ITEMS TO REMAIN THAT HAVE BEEN DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
- 8. PROVIDE NEAT, STRAIGHT, FULL DEPTH, SAW CUTS OF EXISTING PAVEMENT WHERE INDICATED ALONG LIMITS OF PAVEMENT DEMOLITION AND ALONG EDGES OF NEW PAVEMENT.
- 9. ALL UTILITY AND STRUCTURE REMOVAL, RELOCATION, CUTTING, CAPPING AND/OR ABANDONMENT SHALL BE COORDINATED AND PROPERLY DOCUMENTED BY A CERTIFIED PROFESSIONAL, WHEN APPLICABLE, WITH THE APPROPRIATE UTILITY COMPANY, MUNICIPALITY AND/OR AGENCY. DEMOLITION OF REGULATED ITEMS MAY INCLUDE, BUT ARE NOT LIMITED TO: WELLS, ASBESTOS, UNDER GROUND STORAGE TANKS, SEPTIC TANKS AND ELECTRIC TRANSFORMERS. DEMOLITION CONTRACTOR SHALL REFER TO ANY ENVIRONMENTAL STUDIES FOR DEMOLITION RECOMMENDATIONS AND GUIDANCE. AVAILABLE ENVIRONMENTAL STUDIES MAY INCLUDE, BUT ARE NOT LIMITED TO: PHASE I ESA, PHASE II ESA, WETLAND AND STREAM DELINEATION AND ASBESTOS SURVEY. ALL APPLICABLE ENVIRONMENTAL STUDIES SHALL BE MADE AVAILABLE UPON REQUEST TO THE OWNER.
- 10. NO TREES SHALL BE REMOVED, NOR VEGETATION DISTURBED BEYOND THE LIMITS OF CONSTRUCTION WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
- 11. ALL PAVEMENT, BASE COURSES, SIDEWALKS, CURBS, BUILDINGS, FOUNDATIONS, ETC., WITHIN THE AREA TO BE DEMOLISHED SHALL BE REMOVED TO FULL DEPTH. EXISTING BASE COURSE MATERIALS MAY BE WORKED INTO THE NEW PAVEMENT OR BUILDING SUBGRADE PROVIDED THAT THE GRADATION, CONSISTENCY, COMPACTION, SUBGRADE CONDITION, ETC., ARE IN ACCORDANCE WITH THE SPECIFICATIONS AND RECOMMENDATIONS OF THE REPORT OF GEOTECHNICAL INVESTIGATION. BASE COURSE MATERIALS SHALL NOT BE WORKED INTO THE SUBGRADE AREAS TO RECEIVE LANDSCAPING.
- 12. THE CONTRACTOR SHALL USE SUITABLE METHODS TO CONTROL DUST AND DIRT CAUSED BY THE DEMOLITION ACTIVITY.

GENERAL LAYOUT NOTES

- 1. THE CONTRACTOR SHALL CHECK EXISTING GRADES, DIMENSIONS, AND INVERTS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.
- 2. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY. INSTALL ALL UTILITIES, INCLUDING CONDUITS, PRIOR TO INSTALLATION OF PAVED SURFACES.
- 3. ALL DAMAGE TO EXISTING PAVEMENT TO REMAIN WHICH RESULTS FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH LIKE MATERIALS AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL PROVIDE A PHOTO-LOG TO THE OWNER AND ENGINEER PRIOR TO BEGINNING WORK.
- 4. CONTRACTOR SHALL MAINTAIN ONE SET OF AS-BUILT/RECORD DRAWINGS ON THE JOB SITE DURING CONSTRUCTION FOR DISTRIBUTION TO THE OWNER AND/OR OWNER'S REPRESENTATIVE UPON COMPLETION.

GENERAL GRADING NOTES

- 1. CONTRACTOR SHALL STRICTLY ADHERE TO THE EPSC PLAN PREPARED FOR THIS PROJECT.
- 2. EARTHWORK SHALL INCLUDE CLEARING AND GRUBBING, STRIPPING AND STOCKPILING TOPSOIL, MASS GRADING, EXCAVATION, FILLING, UNDERCUT AND REPLACEMENT, IF REQUIRED, AND COMPACTION.
- 3. ALL AREAS NOT PAVED SHALL BE STABILIZED WITH SEED AND MULCH, UNLESS NOTED OTHERWISE.
- 4. ALL EXCESS SOIL MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED AND SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFFSITE AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
- 5. GRADING OPERATIONS TO BE CONDUCTED IN A MANNER THAT MINIMIZES TRACKING OF SOILS ONTO SITE PAVING.

GENERAL DRAINAGE NOTES

- 1. DIMENSIONS SHOWN ON PIPING ARE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE INSTALLATION, INSPECTION, TESTING AND FINAL ACCEPTANCE OF ALL NEW STORMWATER MANAGEMENT FACILITIES CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH ALL APPLICABLE REGULATING AGENCIES CONCERNING INSTALLATION, INSPECTION AND APPROVAL OF THE STORM DRAINAGE SYSTEM CONSTRUCTION.
- 3. ALL STORMWATER MANAGEMENT FACILITIES, INCLUDING COLLECTION AND CONVEYANCE STRUCTURES, SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND STATE CODES AND REGULATIONS.

GENERAL UTILITY NOTES

- 1. INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 2. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. RELOCATE EXISTING UTILITIES AS INDICATED, OR AS NECESSARY FOR CONSTRUCTION.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SEQUENCING OF CONSTRUCTION FOR ALL UTILITY LINES SO THAT WATER LINES, GAS LINES, AND UNDERGROUND ELECTRIC DO NOT CONFLICT WITH SANITARY SEWERS OR STORM SEWERS. INSTALL UTILITIES PRIOR TO PAVEMENT CONSTRUCTION.
- 4. ALL TRENCH SPOILS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED AND SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFF SITE AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
- 5. ADJUST ALL EXISTING UTILITY SURFACE FEATURES INCLUDING BUT NOT LIMITED TO CASTINGS, VALVE BOXES, PEDESTALS, CLEANOUTS, ETC. TO MATCH PROPOSED FINISHED GRADES, UNLESS OTHERWISE INDICATED.
- 6. CONTRACTOR SHALL COORDINATE WITH EACH UTILITY PROVIDER THE INSTALLATION OF UTILITY CONDUITS FOR TELEPHONE, ELECTRIC, GAS, IRRIGATION, ETC. CONTRACTOR SHALL PROVIDE ALL MATERIALS AND LABOR FOR THE TRENCHING AND CONDUIT INSTALLATION.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR REIMBURSING CITY INSPECTION COSTS.

DETOUR NOTES

- 1. THE CONTRACTOR SHALL STRICTLY ADHERE TO THE DETOUR PLAN OUTLINED FOR THIS PROJECT.
- 2. THE ROAD CLOSURES SHALL BE LIMITED TO 9 A.M. - 3 P.M. MONDAY THROUGH FRIDAY.

GENERAL NOTES

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR RAZING AND REMOVAL OF ANY EXISTING STRUCTURES, RELATED UTILITIES, PAVING, AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED.
- B. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- C. THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- D. WARRANTY/DISCLAIMER: THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING AND LANDSCAPE ARCHITECTURE FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE ENGINEER, LANDSCAPE ARCHITECT, NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER OR LANDSCAPE ARCHITECT INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.
- E. SAFETY NOTICE TO CONTRACTOR: IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OR LANDSCAPE ARCHITECT OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.
- F. ALL SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE RELEVANT UTILITY COMPANY OR REGULATORY AUTHORITY, AND THE SPECIFICATIONS FOR THE CONSTRUCTION OF THE EXISTING IMPROVEMENTS WHICH ARE BEING ALTERED OR REPLACED. CONTRACTOR SHALL CONTACT THE ENGINEER AND/OR LANDSCAPE ARCHITECT FOR SPECIFICATION SECTIONS FOR ITEMS THAT ARE AFFECTED BY THE WORK BUT NOT COMPLETELY DETAILED OR SPECIFIED ON THESE PLANS.
- G. FOR THE PURPOSES OF THIS PROJECT THE CONTRACTOR SHALL USE THE FOLLOWING TDOT SPECIFICATION SECTIONS AND RELATED SECTIONS LISTED BELOW:
 - SECTION 201 - CLEARING AND GRUBBING
 - SECTION 202 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS
 - SECTION 203 - EXCAVATION AND UNDERCUTTING
 - SECTION 204 - STRUCTURE EXCAVATION FOUNDATION PREPARATION, AND BACKFILL
 - SECTION 205 - EMBANKMENTS
 - SECTION 206 - FINAL DRESSING
 - SECTION 716 - PAVEMENT MARKINGS
 - SECTION 801 - SEEDING
 - SECTION 918 - LANDSCAPING MATERIALS
- H. WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE WATER QUALITY PERMITS.
- I. CONTRACTOR MAY PROPOSE ALTERNATE TO POUR-IN-PLACE STRUCTURES; ALL ALTERNATE PROPOSALS MUST BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL BY THE ENGINEER.
- J. THE CONTRACTOR SHALL NOTIFY THE CITY AND ENGINEER AT LEAST TWO BUSINESS DAYS IN ADVANCE OF CONCRETE POURS FOR THE PROPOSED STRUCTURES.
- K. ALL TRAFFIC SIGNAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE MUTCD 11TH/ EDITION (FHWA).

GOOD HOUSEKEEPING MEASURES & WASTE DISPOSAL

- 1. THE CONTRACTOR SHALL REFER TO THE EPSC PLANS, NOTES AND DETAILS FOR ADDITIONAL NOTES AND REQUIREMENTS RELATED TO GOOD HOUSEKEEPING MEASURES AND WASTE DISPOSAL.
- 2. OPEN BURNING IS PROHIBITED UNLESS IT IS SPECIFICALLY ALLOWED BY LAW. IF ALLOWED, NATURAL VEGETATION, TREES, AND UNTREATED LUMBER SHALL BE THE ONLY MATERIALS THAT CAN BE OPEN BURNED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE STATE AND LOCAL PERMITS PRIOR TO ANY BURNING.
- 3. DISPOSAL OF ONSITE VEGETATION AND TREES BY CHIPPING THEM INTO MULCH IS PREFERABLE TO OPEN BURNING. THIS MULCH MAY BE USED AS AN ONSITE SOIL STABILIZATION MEASURE WHERE APPROPRIATE.
- 4. WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ANY AND ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC RESOURCES ALTERATION PERMIT(S), AND CORPS OF ENGINEERS SECTION 404 PERMITS, TO DISPOSE OF WASTE MATERIALS.
- 5. MATERIALS AND LAND STAGING AREAS SHALL NOT AFFECT ANY WATERS OF THE STATE/U.S. UNLESS THESE AREAS ARE SPECIFICALLY COVERED BY ENVIRONMENTAL PERMITS, OBTAINED SOLELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW ALL EXISTING PERMITS TO ENSURE THAT WORK AT PERMITTED SITES DOES NOT EXCEED EXPIRATION DATES. IF WORK IS GOING TO BE CONTINUED AFTER EXPIRATION DATES, THE CONTRACTOR SHALL CONTACT THE ENGINEER TO COMMENCE PERMIT RENEWAL PROCESS.

EROSION AND SEDIMENT CONTROL NOTES

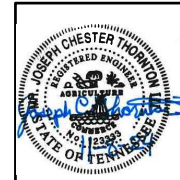
- 1. THE CONTRACTOR SHALL REFER TO THE EPSC PLANS AND DETAILS FOR ADDITIONAL NOTES AND REQUIREMENTS RELATED TO EROSION AND SEDIMENT CONTROL.
- 2. EROSION AND SEDIMENT CONTROL MEASURES TO BE SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
- 3. SITE EROSION CONTROLS SHALL BE CHECKED AND, REPAIRED AS NECESSARY, BEFORE THE NEXT RAIN EVENT; BUT IN NO CASE MORE THAN SEVEN DAYS AFTER THE NEED IS IDENTIFIED.
- 4. ANY OFF SITE SEDIMENT ACCUMULATIONS SHALL BE REMOVED DAILY. OFFSITE ACCUMULATIONS DEPOSITED ON PRIVATE PROPERTY SHALL BE REMOVED BY METHODS AGREED UPON BY THE CONTRACTOR AND THE ADJACENT LAND OWNER(S).
- 5. STABILIZE AREAS WITHIN 14 DAYS AND STEEP SLOPES EQUAL TO OR GREATER THAN 3:1 WITHIN 7 DAYS.
- 6. CONTRACTOR SHALL PROVIDE AN AREA FOR CONCRETE WASH DOWN AND EQUIPMENT FUELING. CONTRACTOR TO COORDINATE EXACT LOCATION DURING PRE-CONSTRUCTION MEETING. CONTROL OF OTHER SITE WASTES SUCH AS DISCARDED BUILDING MATERIALS, CHEMICALS, LITTER, AND SANITARY WASTES THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY IS ALSO REQUIRED BY THE CONTRACTOR.
- 7. ALL EPSC MEASURE LOCATIONS ARE APPROXIMATE.
- 8. INSTALL TDOT TYPE IV EROSION CONTROL BLANKETING (BIODEGRADABLE) ON ALL SIDE SLOPES 3:1 (H:V) AND STEEPER.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- 1. THE CONTRACTOR SHALL DEVELOP TRAFFIC CONTROL PLANS FOR ALL CONSTRUCTION ACTIVITIES AND PROVIDE TO THE ENGINEER A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO STARTING WORK FOR REVIEW AND APPROVAL. ALL TRAFFIC CONTROL PLANS AND TRAFFIC CONTROL DEVICES SHALL MEET OR EXCEED STANDARDS CONTAINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND TDOT STANDARDS.
- 2. CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL MEASURES IN ACCORDANCE WITH STATE DEPARTMENT OF TRANSPORTATION REGULATIONS AND AS REQUIRED BY LOCAL AGENCIES WHEN WORKING IN AND/OR ALONG STREETS, ROADS, HIGHWAYS, ETC. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN APPROVAL AND COORDINATE WITH LOCAL AND/OR STATE AGENCIES REGARDING THE NEED, EXTENT AND LIMITATIONS ASSOCIATED WITH INSTALLING AND MAINTAINING TRAFFIC CONTROL MEASURES.
- 3. 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.
- 4. IF THE CONTRACTOR MOVES OFF THE PROJECT, THEY SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER.
- 5. 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.
- 6. TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
- 7. USE OF BARRICADES, PORTABLE BARRIER RAILS, VERTICAL PANELS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT.
- 8. CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS WITHIN VICINITY OF PROJECT.



NOTE TO CONTRACTOR
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



SUBMITTAL RECORD table with columns for NO, DATE, and DESCRIPTION.

117 Seaboard Lane
Suite E-100
Franklin, TN 37067
Ph: 615.333.7797
www.cecinco.com



**CITY OF FAIRVIEW
STORMWATER IMPROVEMENTS
NORTHWEST HIGHWAY
FAIRVIEW, WILLIAMSON CO, TN**

GENERAL NOTES table with columns for DATE, DRAWN BY, CHECKED BY, PROJECT NO., and APPROVED BY.

DRAWING NO.: **C001**

P:\330-3201\3306-896-CADD\DWG\W004\3306-896-W004-001.dwg(C001) LS(11/9/2024 - 9:50am) - LP: 11/9/2024 10:59 AM

TDOT STANDARD ROADWAY DRAWINGS

DRAWING	REVISION	DESCRIPTION
<u>PIPE CULVERTS AND ENDWALLS</u>		
D-PB-1	03/01/2023	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PEW-1		PROTECTED ENDWALLS FOR ROUND & OVAL PIPES (PIPE SIZES 18" TO 72", ALL SKEWS, 2:1 & 3:1 SLOPES)
D-PEW-2		PROTECTED ENDWALLS FOR ROUND PIPES DETAILS & QUANTITIES (PIPE SIZES 18" TO 72", ALL SKEWS, 2:1 & 3:1 SLOPES)
D-PE-4	06/28/2019	STRAIGHT CONCRETE ENDWALLS (PIPE SIZES 18" TO 30")
<u>EROSION PREVENTION AND SEDIMENT CONTROL</u>		
EC-STR-2	08-01-12	SEDIMENT FILTER BAG
EC-STR-3B	06-15-21	SILT FENCE
EC-STR-6A	05-06-16	ENHANCED ROCK CHECK DAM
EC-STR-33(A)	08-01-12	SUSPENDED PIPE DIVERSION
EC-STR-34	05-04-22	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION
EC-STR-37	06-10-14	SEDIMENT TUBE
S-F-1	03-01-23	HIGH VISIBILITY FENCE

STANDARD TRAFFIC OPERATIONS DRAWINGS

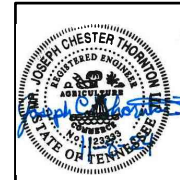
DRAWING	REVISION	DESCRIPTION
<u>SIGNS</u>		
T-S-14	10-21-19	STANDARD STEEL GROUND MOUNTED SIGNS, BREAK-AWAY TYPE POST FOOTING DETAILS, WF-BEAMS

P:\330-000\330-896-CADD\DWG\WPA04\330-896-0022.dwg(002) LS(11/9/2024 - 9:00AM) - LP: 11/9/2024 10:58 AM



Know what's below.
Call before you dig.

NOTE TO CONTRACTOR
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



STANDARD DRAWINGS

DATE: NOVEMBER 2024 | DRAWN BY: [Signature]
 DWG SCALE: [Blank] | JCT: 336-896
 PROJECT NO: 336-896
 APPROVED BY: TJM

**CITY OF FAIRVIEW
 STORMWATER IMPROVEMENTS
 NORTHWEST HIGHWAY
 FAIRVIEW, WILLIAMSON CO, TN**



117 Seaboard Lane
 Suite E-100
 Franklin, TN 37067
 Ph: 615.333.7797
 www.ccecinc.com

NO	DATE	DESCRIPTION

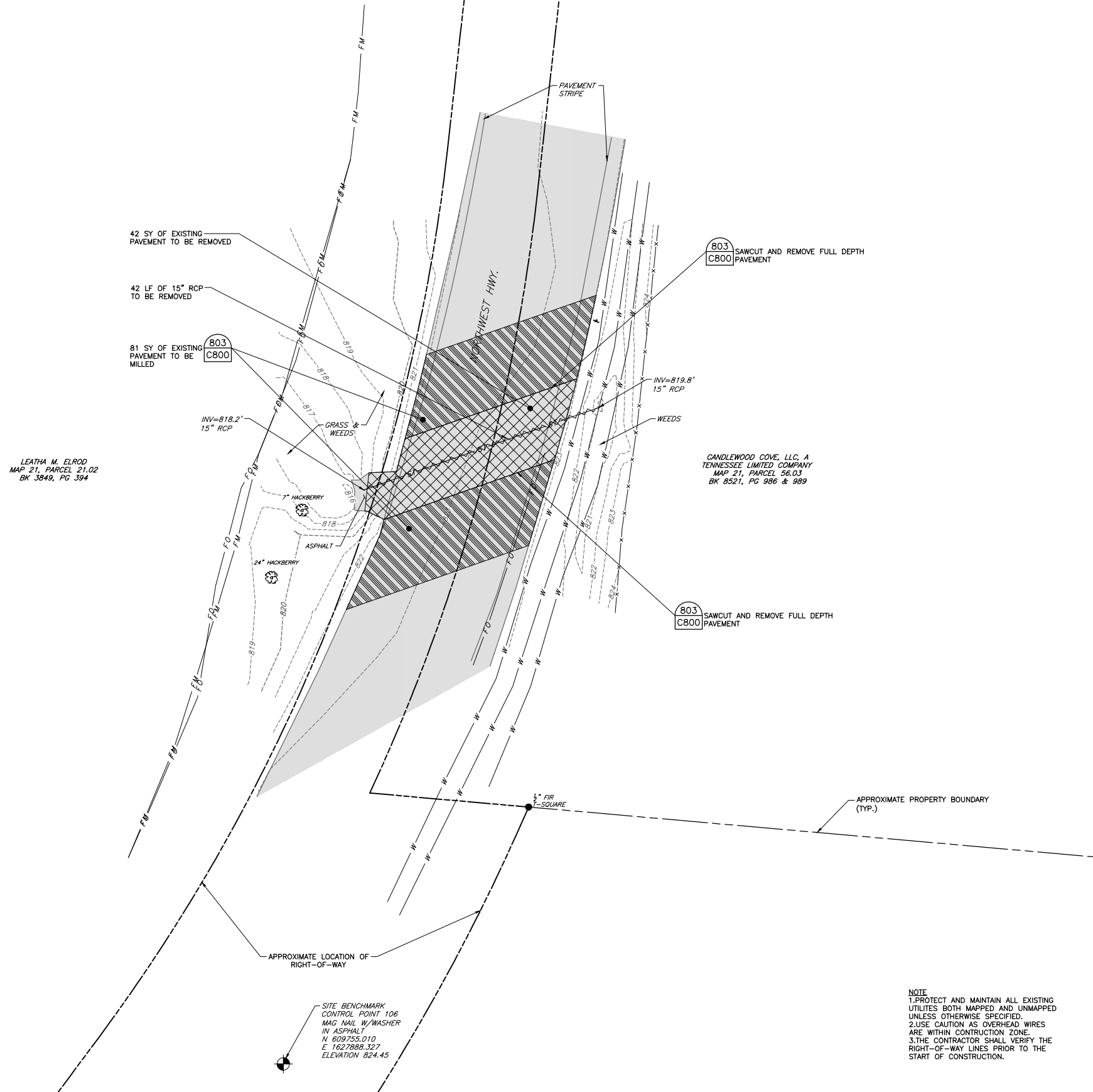
DRAWING NO.: **C002**



LOCATION #1

LEGEND:

---	PROPERTY LINE
- - - - -	RIGHT-OF-WAY LINE
---	MAJOR CONTOUR
---	INTERMEDIATE CONTOUR
x-x-x	FENCE LINE
ST	STORM SEWER LINE
W	WATER LINE
FO	UNDERGROUND FIBER OPTIC LINE
FM	FORCE MAIN SANITARY SEWER LINE
●	FOUND IRON ROD
+	SIGN
⊕	TREE
ASPHALT	EXISTING PAVEMENT
▨	PAVEMENT TO BE REMOVED FULL DEPTH
▧	LINEAR OBJECT TO BE REMOVED
▩	PAVEMENT TO BE MILLED

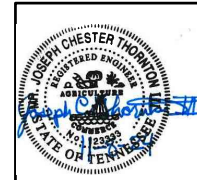
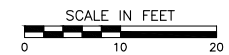


LEATHA M. ELROD
MAP 21, PARCEL 21.02
BK 3849, PG 394

CANDLEWOOD COVE, LLC, A
TENNESSEE LIMITED COMPANY
MAP 21, PARCEL 56.03
BK 8521, PG 986 & 989

SITE BENCHMARK
CONTROL POINT 106
MAG NAIL W/WASHER
IN ASPHALT
N 609755.010
E 1627888.327
ELEVATION 824.45

NOTE
1. PROTECT AND MAINTAIN ALL EXISTING UTILITIES BOTH MAPPED AND UNMAPPED UNLESS OTHERWISE SPECIFIED.
2. USE CAUTION AS OVERHEAD WIRES ARE WITHIN CONSTRUCTION ZONE.
3. THE CONTRACTOR SHALL VERIFY THE RIGHT-OF-WAY LINES PRIOR TO THE START OF CONSTRUCTION.



P:\330-000\330-896-CADD\DWG\330-896-010.dwg(C101) LS(11/9/2024 - 9:50am) - LP: 11/9/2024 10:59 AM



NOTE TO CONTRACTOR
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.

NO.	DATE	DESCRIPTION

117 Seaboard Lane
Suite E-100
Franklin, TN 37067
Ph: 615.333.7797
www.ccecinc.com



**CITY OF FAIRVIEW
STORMWATER IMPROVEMENTS
NORTHWEST HIGHWAY
FAIRVIEW, WILLIAMSON CO, TN**

EXISTING CONDITIONS AND DEMOLITION PLAN	
DATE: NOVEMBER 2024	DRAWN BY: KMH
DWG SCALE: 1"=10'	CHECKED BY: JCT
PROJECT NO: 336-896	APPROVED BY: TJM

DRAWING NO.: **C101**



LOCATION #2

LEGEND:

---	PROPERTY LINE
----	RIGHT-OF-WAY LINE
---	EASEMENT LINE
- - - - -	MAJOR CONTOUR
- · - - -	INTERMEDIATE CONTOUR
- x - x - x -	FENCE LINE
- ST -	STORM SEWER LINE
- W -	WATER LINE
- FO -	UNDERGROUND FIBER OPTIC LINE
●	FOUND IRON ROD
ASPHALT	EXISTING PAVEMENT
XXXXXX	PAVEMENT TO BE REMOVED FULL DEPTH
~~~~~	LINEAR OBJECT TO BE REMOVED
=====	PAVEMENT TO BE MILLED

SITE BENCHMARK  
CONTROL POINT 105  
MAG NAIL W/WASHER  
IN ASPHALT  
N 605899.494  
E 1627896.628  
ELEVATION 825.55

CASTLEROCK COMMUNITIES  
TENNESSEE, LLC.  
MAP 21K, GROUP A, PARCEL 2  
BK 9459, PG 150  
LOT 113  
PB 82, PG 97

JEFFREY LAMPLEY AND  
BRENDA F. PLUNKETT  
MAP 21, PARCEL 56.01  
BK 7054, PG 308  
BK 7054, PG 738

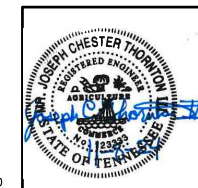
NORTHWEST COVE, LLC, A TENNESSEE  
LIMITED LIABILITY COMPANY  
MAP 21K, GROUP A, PARCEL 3  
BK 8604, PG 70  
LOT 127  
PB 82, PG 97

CASTLEROCK COMMUNITIES  
TENNESSEE, LLC.  
MAP 21K, GROUP A, PARCEL 4  
BK 9459, PG 150  
LOT 115  
PB 82, PG 97

NOTE: PB PB2, PG 97  
INDICATES THAT NORTHWEST HWY.  
HAS A 50' R.O.W. DB 7054, PG  
738 (PARCEL 56.01) INDICATES  
ITS SOUTHERLY LINE IS THE  
CENTERLINE OF NORTHWEST HWY.

NOTE  
1. PROTECT AND MAINTAIN ALL EXISTING  
UTILITIES BOTH MAPPED AND UNMAPPED  
UNLESS OTHERWISE SPECIFIED.  
2. USE CAUTION AS OVERHEAD WIRES  
ARE WITHIN CONSTRUCTION ZONE.  
3. THE CONTRACTOR SHALL VERIFY THE  
RIGHT-OF-WAY LINES PRIOR TO THE  
START OF CONSTRUCTION.

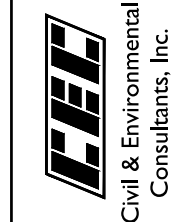
SCALE IN FEET  
0 10 20



**EXISTING CONDITIONS AND DEMOLITION PLAN**

DATE:	NOVEMBER 2024	DRAWN BY:	KMH
DWG SCALE:	1"=10'	CHECKED BY:	JCT
PROJECT NO.:	336-896	APPROVED BY:	TJM

117 Seaboard Lane  
Suite E-100  
Franklin, TN 37067  
Ph: 615.333.7797  
www.ccecinc.com



## CITY OF FAIRVIEW STORMWATER IMPROVEMENTS NORTHWEST HIGHWAY FAIRVIEW, WILLIAMSON CO, TN

DRAWING NO.:  
**C102**

P:\330-3307\3307-896-896-CADD\DWG\PROJECT\1118\1118-1118.dwg(11/19/2024 10:39 AM) - LP: 11/19/2024 10:39 AM



**NOTE TO CONTRACTOR**  
THE CONTRACTOR SHALL REFER TO ALL PLANS  
WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S  
INTENT THAT ANY SINGLE PLAN SHEET IN THIS  
SET OF DOCUMENTS FULLY DEPICT ALL WORK  
ASSOCIATED WITH THIS PROJECT.



# LOCATION #3

**LEGEND:**

---	PROPERTY LINE
---	RIGHT-OF-WAY LINE
---	EASEMENT LINE
- - - - -	MAJOR CONTOUR
- - - - -	INTERMEDIATE CONTOUR
- x - x -	FENCE LINE
- ST -	STORM SEWER LINE
- W -	WATER LINE
- FO -	UNDERGROUND FIBER OPTIC LINE
~ ~ ~	TREE/BRUSH LINE
●	FOUND IRON ROD
⊕	WATER BOX (WATER VALVE)
⊞	CABLE PEDESTAL
ASPHALT	EXISTING PAVEMENT
XXXXX	PAVEMENT TO BE REMOVED FULL DEPTH
~~~~~	LINEAR OBJECT TO BE REMOVED
	PAVEMENT TO BE MILLED

CANDLEWOOD COVE, LLC, A
TENNESSEE LIMITED COMPANY
MAP 21, PARCEL 56.03
BK 8521, PG 986 & 989

53 SY OF EXISTING
PAVEMENT TO BE
MILLED

18" OR 24" CMP (CRUSHED, BURIED,
UNABLE TO DETERMINE SIZE AND INV.)
TOP OF PIPE=837.2'
(TOP SILT EL.=836.6)

NOTE: PB PB2, PG 97
INDICATES THAT NORTHWEST HWY.
HAS A 50' R.O.W. DB 8521, PG
989 (PARCEL 56.03) INDICATES
ITS SOUTHERLY LINE IS THE
CENTERLINE OF NORTHWEST HWY.

24 LF OF 18" CMP/RCP TO BE
REMOVED

SITE BENCHMARK
CONTROL POINT 108
MAG NAIL W/WASHER
IN ASPHALT
N 608783.974
E 1629114.798
ELEVATION 839.91

10' RUDE
P.B. PB2,
PG. 97

18" OR 24" CMP (CRUSHED, BURIED,
UNABLE TO DETERMINE SIZE)
INV.=836.8 (APPROXIMATE)

803
C800 SAWCUT AND REMOVE FULL DEPTH
PAVEMENT

5' PERMANENT
ACCESS EASEMENT
P.B. PB2, PG. 97

22 SY OF EXISTING FULL DEPTH
PAVEMENT TO BE REMOVED

CASTLEROCK COMMUNITIES
TENNESSEE, LLC,
MAP 21K, GROUP A, PARCEL 11
BK 9459, PG. 150
LOT 122
PB 82, PG 97

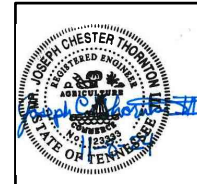
APPROXIMATE PROPERTY BOUNDARY
(TYP.)

APPROXIMATE LOCATION OF
RIGHT-OF-WAY

PROPOSED ELECTRIC
EASEMENT
P.B. PB2, PG. 97

NOTE
1. PROTECT AND MAINTAIN ALL EXISTING
UTILITIES BOTH MAPPED AND UNMAPPED
UNLESS OTHERWISE SPECIFIED.
2. USE CAUTION AS OVERHEAD WIRES
ARE WITHIN CONSTRUCTION ZONE.
3. THE CONTRACTOR SHALL VERIFY THE
RIGHT-OF-WAY LINES PRIOR TO THE
START OF CONSTRUCTION.

SCALE IN FEET
0 10 20



EXISTING CONDITIONS AND DEMOLITION
PLAN

DATE:	NOVEMBER 2024	DRAWN BY:	KMH
DWG SCALE:	1"=10'	CHECKED BY:	JCT
PROJECT NO.:	336-896	APPROVED BY:	TJM

DRAWING NO.:
C103

117 Seaboard Lane
Suite E-100
Franklin, TN 37067
Ph: 615.333.7797
www.ccecinc.com

C.E.C.
Civil & Environmental
Consultants, Inc.

CITY OF FAIRVIEW
STORMWATER IMPROVEMENTS
NORTHWEST HIGHWAY
FAIRVIEW, WILLIAMSON CO, TN

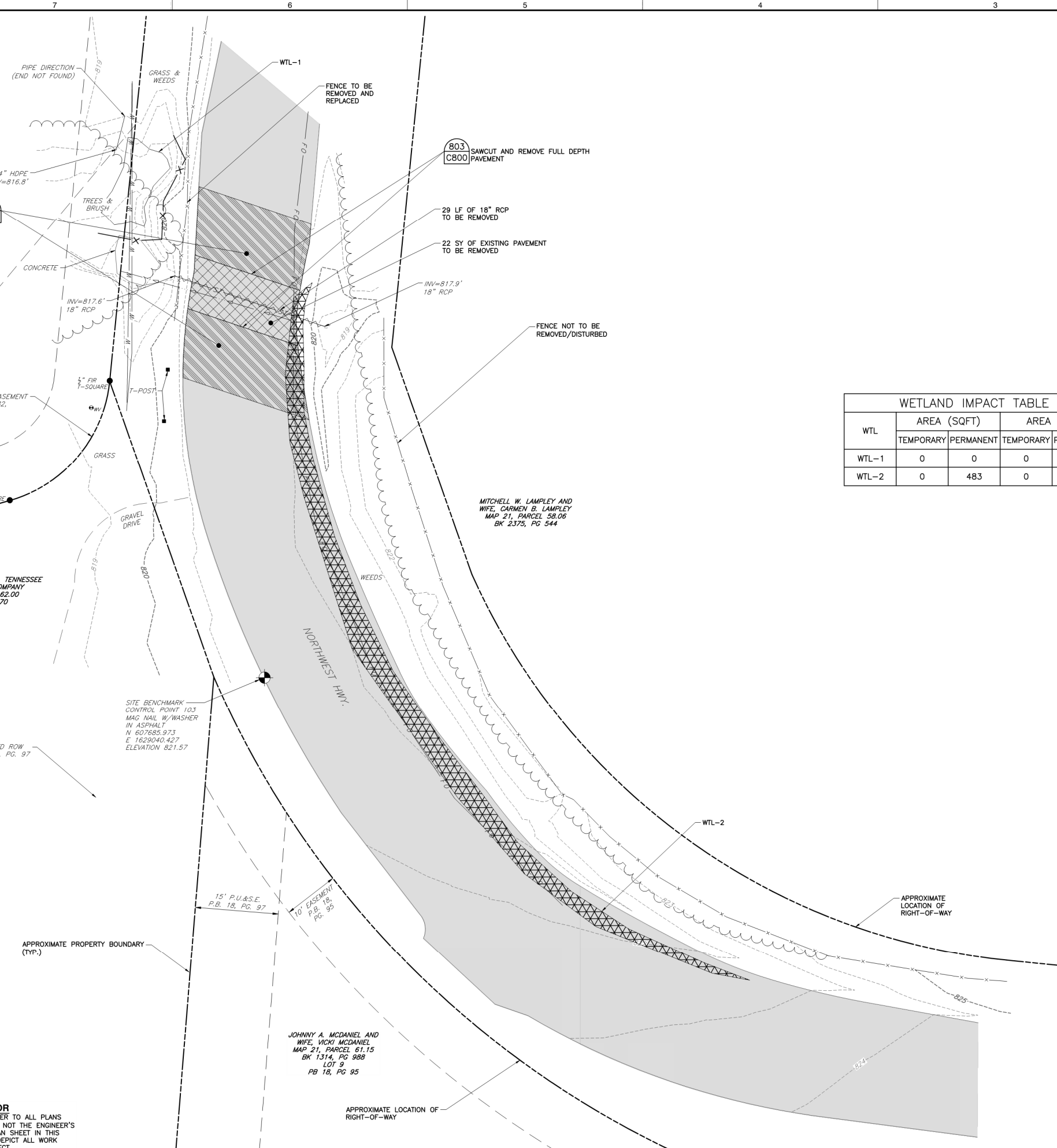
P:\330-3307\336-896-CADD\DWG\WIP\336-896-IMP04-C103.dwg (C:\03) LS(11/9/2024 10:59 AM) - LP: 11/9/2024 10:59 AM



NOTE TO CONTRACTOR
THE CONTRACTOR SHALL REFER TO ALL PLANS
WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S
INTENT THAT ANY SINGLE PLAN SHEET IN THIS
SET OF DOCUMENTS FULLY DEPICT ALL WORK
ASSOCIATED WITH THIS PROJECT.



LOCATION #4



LEGEND:

	PROPERTY LINE
	RIGHT-OF-WAY LINE
	EASEMENT LINE
	MAJOR CONTOUR
	INTERMEDIATE CONTOUR
	FENCE LINE
	STORM SEWER LINE
	WATER LINE
	UNDERGROUND FIBER OPTIC LINE
	TREE/BRUSH LINE
	FOUND IRON ROD
	WATER BOX (WATER VALVE)
	ASPHALT EXISTING PAVEMENT
	STREAM CENTERLINE
	PAVEMENT TO BE REMOVED FULL DEPTH
	LINEAR OBJECT TO BE REMOVED
	HIGH VISIBILITY FENCE
	PAVEMENT TO BE MILLED
	PERMANENT WETLAND IMPACT


WETLAND IMPACT TABLE

WTL	AREA (SQFT)		AREA (AC)	
	TEMPORARY	PERMANENT	TEMPORARY	PERMANENT
WTL-1	0	0	0	0
WTL-2	0	483	0	0.011

SUBMITTAL RECORD

NO.	DATE	DESCRIPTION

117 Seaboard Lane
Suite E-100
Franklin, TN 37067
Ph: 615.333.7797
www.ccecinc.com



Civil & Environmental
Consultants, Inc.

**CITY OF FAIRVIEW
STORMWATER IMPROVEMENTS
NORTHWEST HIGHWAY
FAIRVIEW, WILLIAMSON CO, TN**

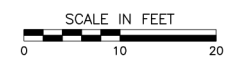
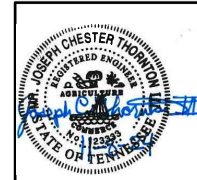
EXISTING CONDITIONS AND DEMOLITION PLAN

DATE: NOVEMBER 2024 DRAWN BY: KMH
DWG SCALE: 1"=10' CHECKED BY: JCT
PROJECT NO: 336-896
APPROVED BY: TJM

DRAWING NO: **C104**

NOTE TO CONTRACTOR
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.

NOTE
1. PROTECT AND MAINTAIN ALL EXISTING UTILITIES BOTH MAPPED AND UNMAPPED.
2. USE CAUTION AS OVERHEAD WIRES ARE WITHIN CONSTRUCTION ZONE.
3. THE CONTRACTOR SHALL VERIFY THE RIGHT-OF-WAY LINES PRIOR TO THE START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL TAKE ANY MEANS NECESSARY TO PROTECT WTL-1 FROM CONSTRUCTION. NO DISTURBANCE OF THE WTL-1 OR ITS ASSOCIATED BUFFER IS TO OCCUR.



P:\330-3300\336-896-01\DWG\336-896-0104.dwg(C104) LS-11/19/2024 10:59 AM



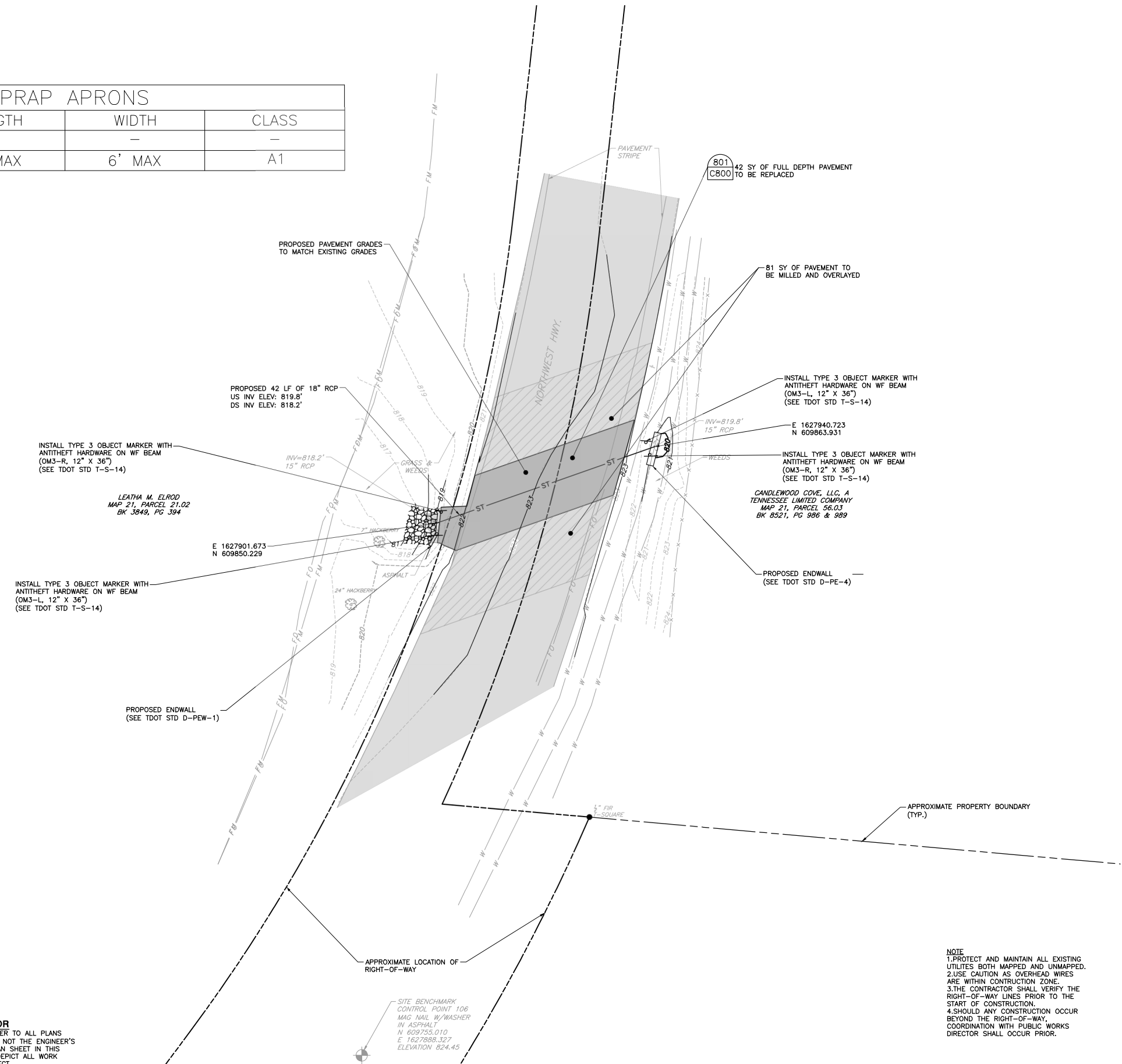


LOCATION #1

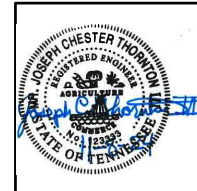
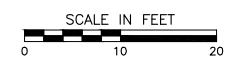
RIPRAP APRONS			
LOCATION	LENGTH	WIDTH	CLASS
INLET	-	-	-
OUTLET	6' MAX	6' MAX	A1

LEGEND:

- PROPERTY LINE
- RIGHT-OF-WAY LINE
- EASEMENT LINE
- MAJOR CONTOUR
- INTERMEDIATE CONTOUR
- FENCE LINE
- STORM SEWER LINE
- WATER LINE
- UNDERGROUND FIBER OPTIC LINE
- TREE/BRUSH LINE
- FOUND IRON ROD
- WATER BOX (WATER VALVE)
- ASPHALT EXISTING PAVEMENT
- 795 PROPOSED MAJOR CONTOUR
- 796 PROPOSED INTERMEDIATE CONTOUR
- FULL DEPTH PAVEMENT TO BE REPLACED
- PAVEMENT TO BE MILLED AND OVERLAYED



NOTE
 1. PROTECT AND MAINTAIN ALL EXISTING UTILITIES BOTH MAPPED AND UNMAPPED.
 2. USE CAUTION AS OVERHEAD WIRES ARE WITHIN CONSTRUCTION ZONE.
 3. THE CONTRACTOR SHALL VERIFY THE RIGHT-OF-WAY LINES PRIOR TO THE START OF CONSTRUCTION.
 4. SHOULD ANY CONSTRUCTION OCCUR BEYOND THE RIGHT-OF-WAY, COORDINATION WITH PUBLIC WORKS DIRECTOR SHALL OCCUR PRIOR.



GRADING AND DRAINAGE PLAN

DATE: NOVEMBER 2024
 DRAWN BY: KMH
 DWG SCALE: 1"=10'
 PROJECT NO: 336-896
 APPROVED BY: TJM

DRAWING NO.: **C201**

117 Seaboard Lane
 Suite E-100
 Franklin, TN 37067
 Ph: 615.333.7797
 www.ccecinc.com

C.E.C.
 Civil & Environmental
 Consultants, Inc.

**CITY OF FAIRVIEW
 STORMWATER IMPROVEMENTS
 NORTHWEST HIGHWAY
 FAIRVIEW, WILLIAMSON CO, TN**

P:\330-3301\336-896-CADD\DWG\WPDRA\336-896-DR04-C201.dwg (2024/11/19/2024 10:59 AM) - LR: 11/19/2024 10:59 AM



NOTE TO CONTRACTOR
 THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



LOCATION #2

RIPRAP APRONS			
LOCATION	LENGTH	WIDTH	CLASS
INLET	8'	20'	A1
OUTLET	8'	14'	A1

LEGEND:

- PROPERTY LINE
- RIGHT-OF-WAY LINE
- EASEMENT LINE
- 820----- MAJOR CONTOUR
- 819----- INTERMEDIATE CONTOUR
- x-x-x- FENCE LINE
- ST- STORM SEWER LINE
- W- WATER LINE
- FO- UNDERGROUND FIBER OPTIC LINE
- ~ ~ ~ TREE/BRUSH LINE
- FIR FOUND IRON ROD
- WV WATER BOX (WATER VALVE)
- ASPHALT EXISTING PAVEMENT
- 795- PROPOSED MAJOR CONTOUR
- 796- PROPOSED INTERMEDIATE CONTOUR
- ▨ FULL DEPTH PAVEMENT TO BE REPLACED
- ▨ PAVEMENT TO BE MILLED AND OVERLAYED

NO	DATE	DESCRIPTION

117 Seaboard Lane
Suite E-100
Franklin, TN 37067
Ph: 615.333.7797
www.ccecinc.com

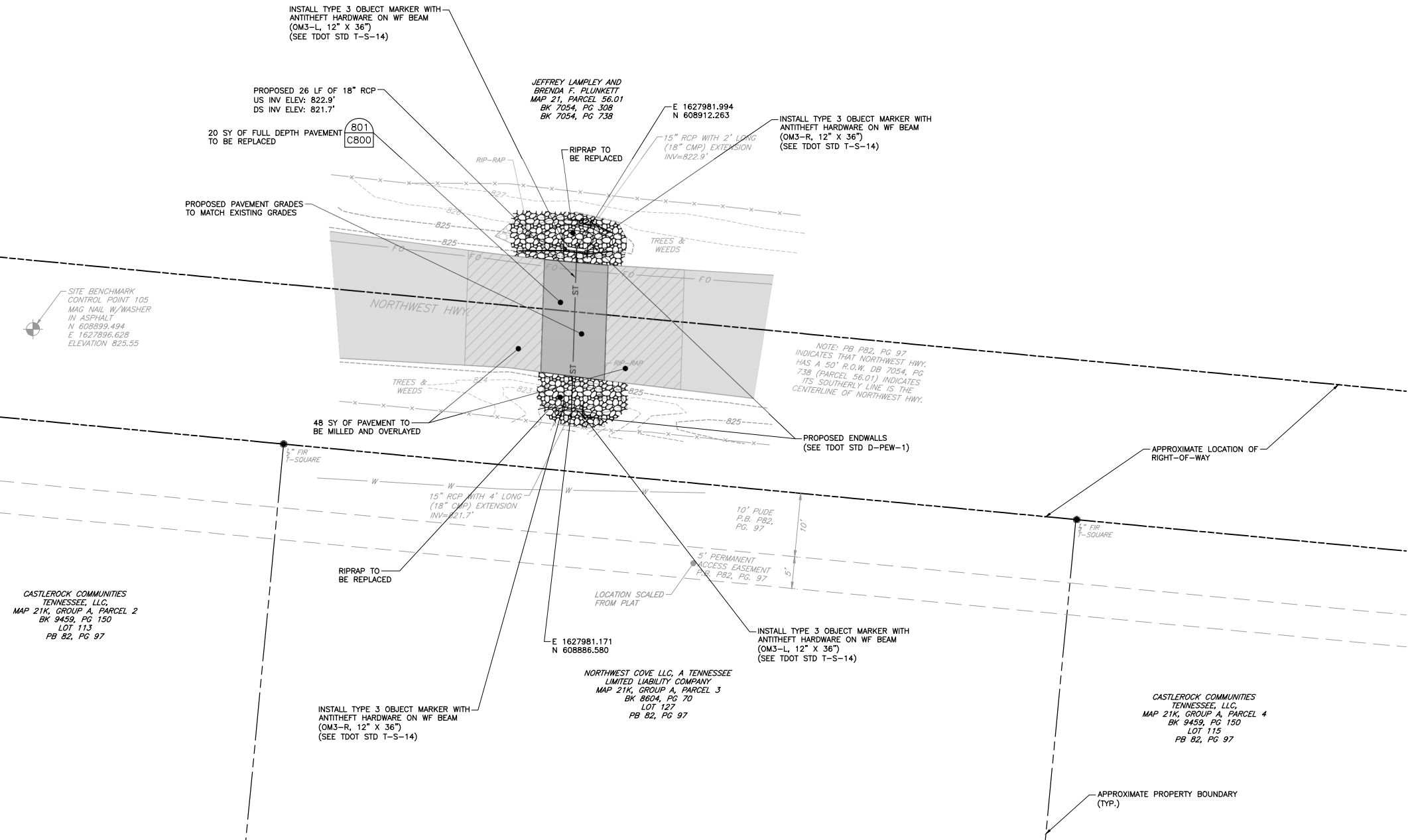


**CITY OF FAIRVIEW
STORMWATER IMPROVEMENTS
NORTHWEST HIGHWAY
FAIRVIEW, WILLIAMSON CO, TN**

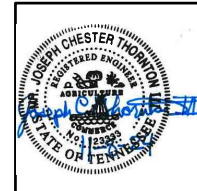
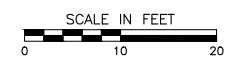
GRADING AND DRAINAGE PLAN

DATE: NOVEMBER 2024 | DRAWN BY: KMH | JCT: JCT
DWG SCALE: 1"=10' | CHECKED BY: [Signature] | PROJECT NO: 336-896
APPROVED BY: [Signature] | TUM

P:\330-3307\336-896-CADD\DWG\WATER\336-896-IMP04-C202.dwg | LS:11/9/2024 - J:\shannon - LF: 11/9/2024 10:59 AM



NOTE TO CONTRACTOR
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



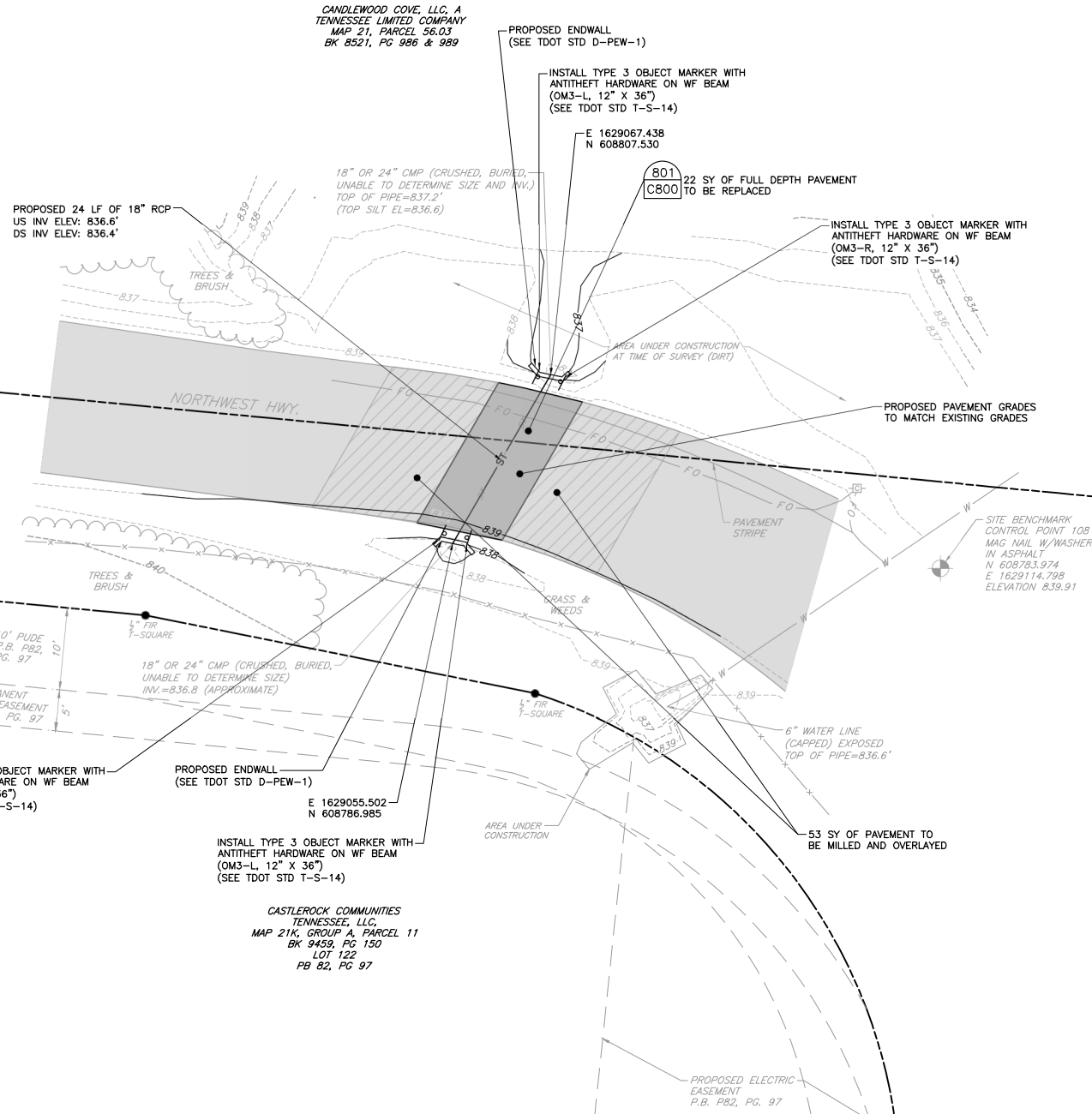
DRAWING NO.: **C202**



LOCATION #3

LEGEND:

---	PROPERTY LINE
---	RIGHT-OF-WAY LINE
---	EASEMENT LINE
- - - - -	MAJOR CONTOUR
- - - - -	INTERMEDIATE CONTOUR
x x x x	FENCE LINE
ST	STORM SEWER LINE
W	WATER LINE
FO	UNDERGROUND FIBER OPTIC LINE
~~~~~	TREE/BRUSH LINE
●	FOUND IRON ROD
○	WATER BOX (WATER VALVE)
ASPHALT	EXISTING PAVEMENT
795	PROPOSED MAJOR CONTOUR
796	PROPOSED INTERMEDIATE CONTOUR
=====	FULL DEPTH PAVEMENT TO BE REPLACED
===== / / / /	PAVEMENT TO BE MILLED AND OVERLAYED



NOTE: PB P82, PG 97 INDICATES THAT NORTHWEST HWY. HAS A 50' R.O.W. DB B521, PG 989 (PARCEL 56.03) INDICATES ITS SOUTHERLY LINE IS THE CENTERLINE OF NORTHWEST HWY.

APPROXIMATE LOCATION OF RIGHT-OF-WAY

APPROXIMATE PROPERTY BOUNDARY (TYP.)

INSTALL TYPE 3 OBJECT MARKER WITH ANTITHEFT HARDWARE ON WF BEAM (OM3-R, 12" X 36") (SEE TDOT STD T-S-14)

PROPOSED ENDWALL (SEE TDOT STD D-PEW-1)

INSTALL TYPE 3 OBJECT MARKER WITH ANTITHEFT HARDWARE ON WF BEAM (OM3-L, 12" X 36") (SEE TDOT STD T-S-14)

CASTLEROCK COMMUNITIES TENNESSEE, LLC, MAP 21K, GROUP A, PARCEL 11 BK 9459, PG. 150 LOT 122 PB 82, PG 97

PROPOSED ENDWALL (SEE TDOT STD D-PEW-1)

INSTALL TYPE 3 OBJECT MARKER WITH ANTITHEFT HARDWARE ON WF BEAM (OM3-L, 12" X 36") (SEE TDOT STD T-S-14)

22 SY OF FULL DEPTH PAVEMENT TO BE REPLACED

INSTALL TYPE 3 OBJECT MARKER WITH ANTITHEFT HARDWARE ON WF BEAM (OM3-R, 12" X 36") (SEE TDOT STD T-S-14)

PROPOSED PAVEMENT GRADES TO MATCH EXISTING GRADES

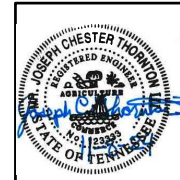
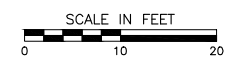
SITE BENCHMARK CONTROL POINT 108  
MAC NAIL W/WASHER IN ASPHALT  
N 608783.974  
E 1629114.798  
ELEVATION 839.91

53 SY OF PAVEMENT TO BE MILLED AND OVERLAYED

PROPOSED ELECTRIC EASEMENT P.B. P82, PG. 97

NOTE  
1. PROTECT AND MAINTAIN ALL EXISTING UTILITIES BOTH MAPPED AND UNMAPPED.  
2. USE CAUTION AS OVERHEAD WIRES ARE WITHIN CONSTRUCTION ZONE.  
3. THE CONTRACTOR SHALL VERIFY THE RIGHT-OF-WAY LINES PRIOR TO THE START OF CONSTRUCTION.  
4. SHOULD ANY CONSTRUCTION OCCUR BEYOND THE RIGHT-OF-WAY, COORDINATION WITH PUBLIC WORKS DIRECTOR SHALL OCCUR PRIOR.

**NOTE TO CONTRACTOR**  
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



117 Seaboard Lane  
Suite E-100  
Franklin, TN 37067  
Ph: 615.333.7797  
www.cecinc.com



## CITY OF FAIRVIEW STORMWATER IMPROVEMENTS NORTHWEST HIGHWAY FAIRVIEW, WILLIAMSON CO, TN

### GRADING AND DRAINAGE PLAN

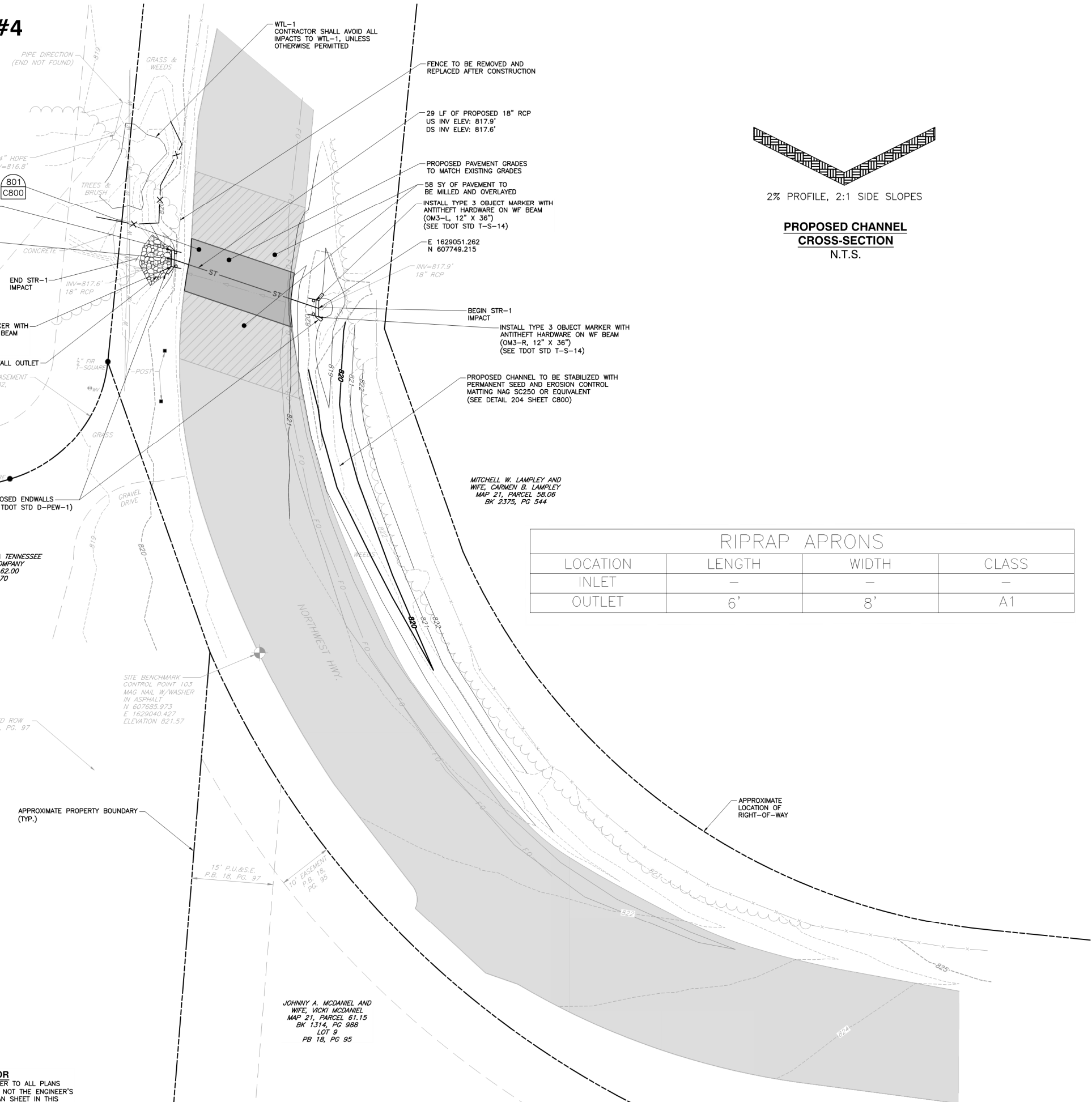
DATE: NOVEMBER 2024  
DRAWN BY: KMH  
CHECKED BY: JCT  
PROJECT NO.: 336-896  
APPROVED BY: TJM

DRAWING NO.: **C203**

P:\330-200\336-896-CAD\DWG\MWD\336-896-MWD-0203.dwg (C203) LS:11/9/2024 - J:\thornhill - LF: 11/9/2024 10:59 AM



# LOCATION #4



**LEGEND:**

---	PROPERTY LINE
- - - -	RIGHT-OF-WAY LINE
- · - · -	EASEMENT LINE
-----820-----	MAJOR CONTOUR
-----819-----	INTERMEDIATE CONTOUR
- x - x -	FENCE LINE
ST	STORM SEWER LINE
W	WATER LINE
F.O.	UNDERGROUND FIBER OPTIC LINE
~ ~ ~	TREE/BRUSH LINE
●	FOUND IRON ROD
⊕	WATER BOX (WATER VALVE)
ASPHALT	EXISTING PAVEMENT
→	STREAM CENTERLINE
-----795-----	PROPOSED MAJOR CONTOUR
-----796-----	PROPOSED INTERMEDIATE CONTOUR
▨	FULL DEPTH PAVEMENT TO BE REPLACED
▩	PAVEMENT TO BE MILLED AND OVERLAYED



**PROPOSED CHANNEL CROSS-SECTION**  
N.T.S.

**RIPRAP APRONS**

LOCATION	LENGTH	WIDTH	CLASS
INLET	-	-	-
OUTLET	6'	8'	A1

**SUBMITTAL RECORD**

NO.	DATE	DESCRIPTION

117 Seaboard Lane  
Suite E-100  
Franklin, TN 37067  
Ph: 615.333.7797  
www.cecinc.com

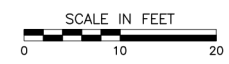
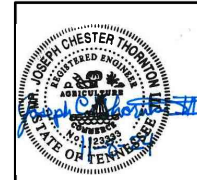


**CITY OF FAIRVIEW  
STORMWATER IMPROVEMENTS  
NORTHWEST HIGHWAY  
FAIRVIEW, WILLIAMSON CO, TN**

**GRADING AND DRAINAGE PLAN**

DATE:	NOVEMBER 2024	DRAWN BY:	KMH
DWG SCALE:	1"=10'	CHECKED BY:	JCT
PROJECT NO.:	336-896	APPROVED BY:	TJM

**NOTE**  
1. PROTECT AND MAINTAIN ALL EXISTING UTILITIES BOTH MAPPED AND UNMAPPED.  
2. USE CAUTION AS OVERHEAD WIRES ARE WITHIN CONSTRUCTION ZONE.  
3. THE CONTRACTOR SHALL VERIFY THE RIGHT-OF-WAY LINES PRIOR TO THE START OF CONSTRUCTION.  
4. SHOULD ANY CONSTRUCTION OCCUR BEYOND THE RIGHT-OF-WAY, COORDINATION WITH PUBLIC WORKS DIRECTOR SHALL OCCUR PRIOR.  
5. THE CONTRACTOR SHALL TAKE ANY MEANS NECESSARY TO PROTECT WTL-1 FROM CONSTRUCTION. NO DISTURBANCE OF THE WTL-1 OR ITS ASSOCIATED BUFFER IS TO OCCUR.

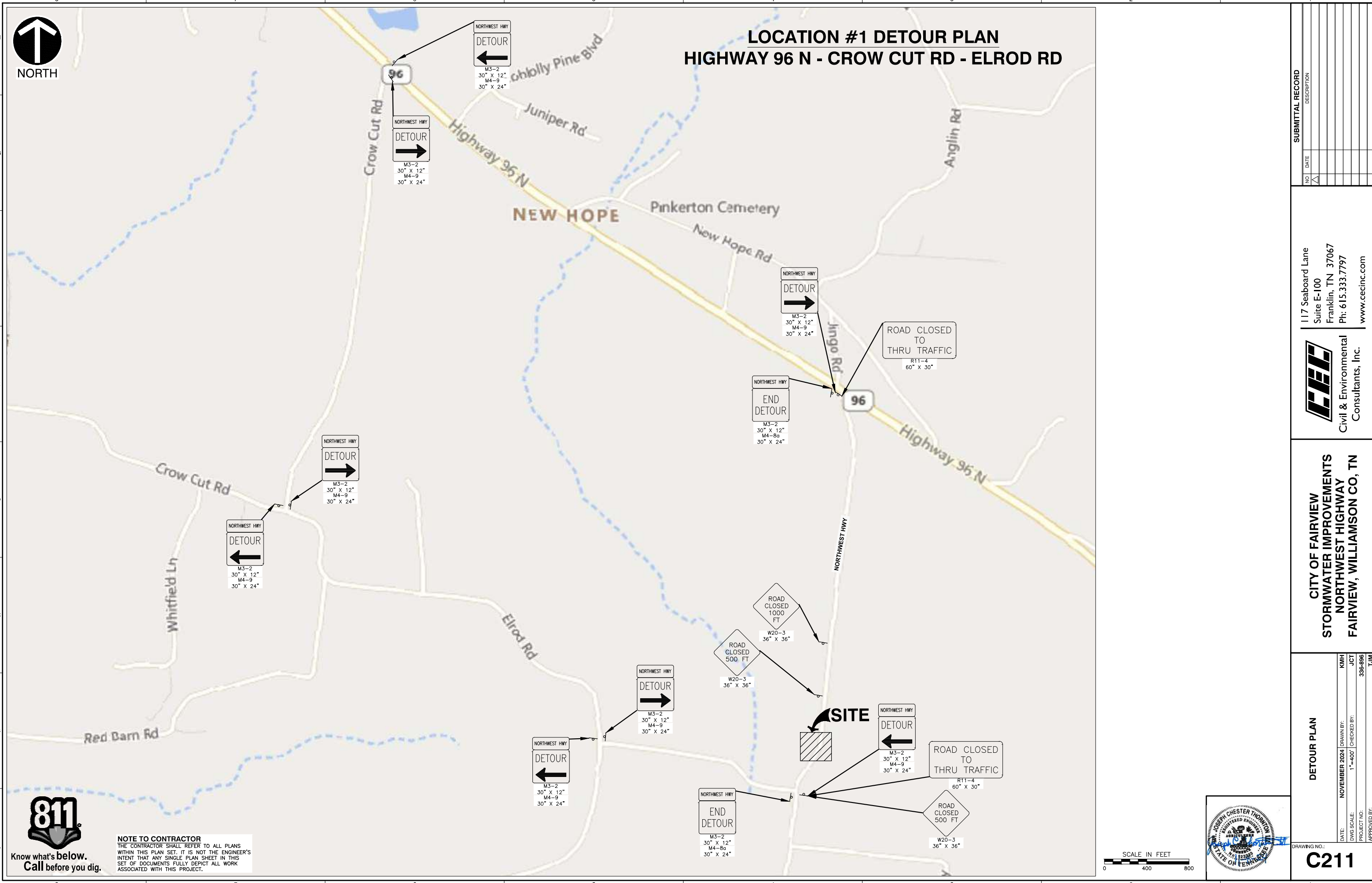


DRAWING NO. **C204**

**NOTE TO CONTRACTOR**  
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



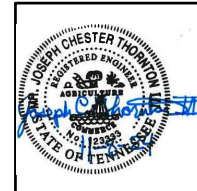
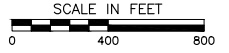
P:\130-000\130-000-001\130-000-001-001.dwg - C:\01\Draw\130-000-001-001-001.dwg - 11/18/2024 11:00 AM



**LOCATION #1 DETOUR PLAN**  
**HIGHWAY 96 N - CROW CUT RD - ELROD RD**



**NOTE TO CONTRACTOR**  
 THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



P:\330-320\330-996-CADD\Drawings\330-996-004-C211.dwg(2/11) LS:10/31/2024 - 9:00am) - Lp: 11/8/2024 11:00 AM

SUBMITTAL RECORD	
NO.	DESCRIPTION

117 Seaboard Lane  
 Suite E-100  
 Franklin, TN 37067  
 Ph: 615.333.7797  
 www.cecinco.com

**CITY OF FAIRVIEW**  
**STORMWATER IMPROVEMENTS**  
**NORTHWEST HIGHWAY**  
**FAIRVIEW, WILLIAMSON CO, TN**

<b>DETOUR PLAN</b>	
DATE: NOVEMBER 2024	DRAWN BY: KMH
DWG SCALE: 1"=400'	CHECKED BY: JCT
PROJECT NO: 336-896	APPROVED BY: TJM
DRAWING NO: <b>C211</b>	

# LOCATION #2 DETOUR PLAN DICE LAMPLEY RD - COX PIKE



SUBMITTAL RECORD	
NO.	DESCRIPTION

117 Seaboard Lane  
Suite E-100  
Franklin, TN 37067  
Ph: 615.333.7797  
www.ccecinc.com



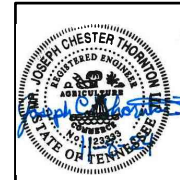
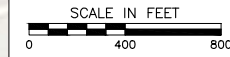
**CITY OF FAIRVIEW**  
STORMWATER IMPROVEMENTS  
NORTHWEST HIGHWAY  
FAIRVIEW, WILLIAMSON CO, TN

DETOUR PLAN	
DATE:	DATE:
NOVEMBER 2024	NOVEMBER 2024
DRAWN BY:	DRAWN BY:
KMH	KMH
CHECKED BY:	CHECKED BY:
JCT	JCT
1"=400'	1"=400'
PROJECT NO.:	PROJECT NO.:
336-896	336-896
APPROVED BY:	APPROVED BY:
TJM	TJM

P:\330-330\336-896-CAD\DWG\WQA\336-896-WQA-0212.dwg (212) LS(11/1/2024 - 9:00AM) - LP: 11/8/2024 11:00 AM



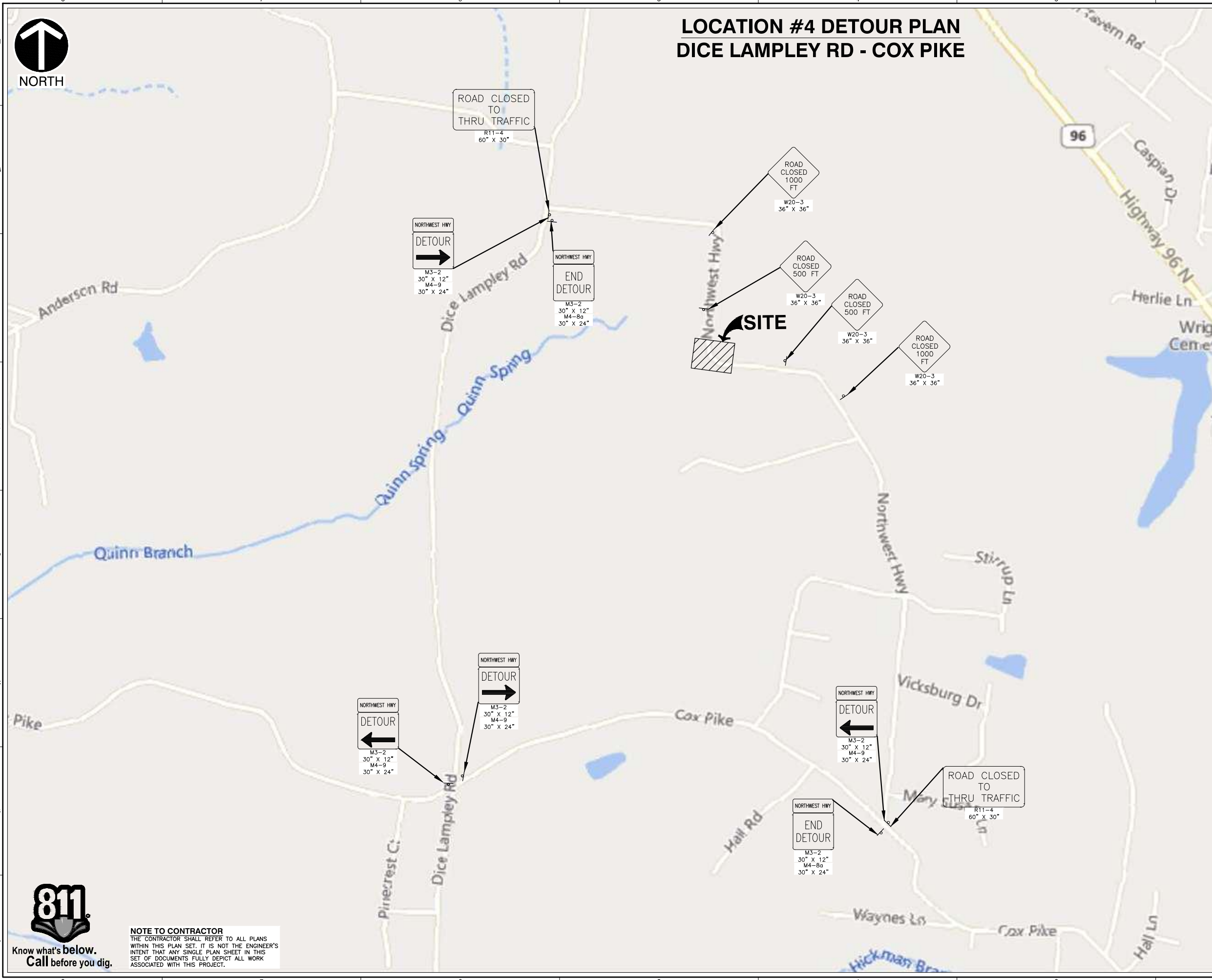
**NOTE TO CONTRACTOR**  
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



DRAWING NO.: **C212**



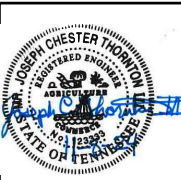
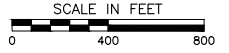
# LOCATION #4 DETOUR PLAN DICE LAMPLEY RD - COX PIKE



P:\330-320\336-896-CADD\Draw\WETA\336-896-004-C214.dwg (C214) LS(11/1/2024 - spawell) - LP: 11/08/2024 11:00 AM



**NOTE TO CONTRACTOR**  
 THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



NO.	DATE	DESCRIPTION

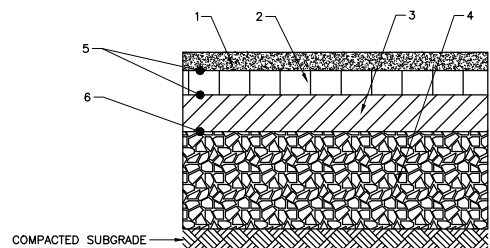
117 Seaboard Lane  
 Suite E-100  
 Franklin, TN 37067  
 Ph: 615.333.7797  
 www.cecinc.com



**CITY OF FAIRVIEW**  
**STORMWATER IMPROVEMENTS**  
**NORTHWEST HIGHWAY**  
**FAIRVIEW, WILLIAMSON CO, TN**

DETOUR PLAN	
DATE:	NOVEMBER 2024
DWG SCALE:	1"=400'
PROJECT NO.:	336-896
APPROVED BY:	TJM
DRAWING NO.:	<b>C214</b>

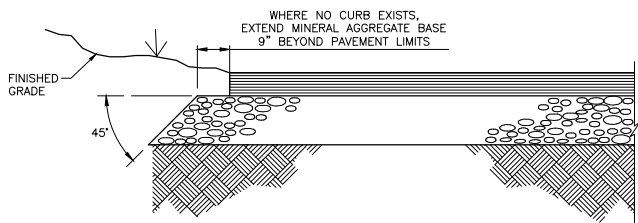




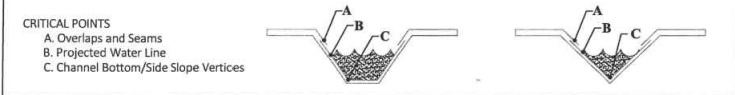
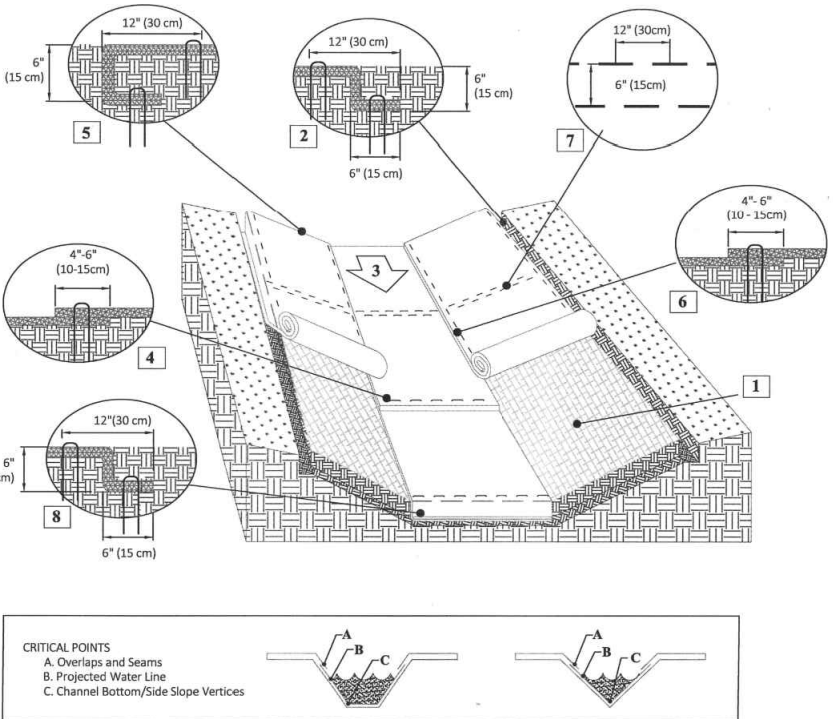
1. ASPHALTIC CONCRETE SURFACE @ 1" THICK  
(ITEM NO. 411-02.10 ACS MIX (PG70-22) GRADING D)
2. BITUMINOUS PLANT MIX BASE @ 2" THICK (BINDER)  
(ITEM NO. 307-01.08 ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2)
3. BITUMINOUS PLANT MIX BASE @ 3" THICK  
(ITEM NO. 307-01.01 ASPHALTIC CONCRETE MIX (PG64-22) (BPMB-HM) GRADING A)
4. MINERAL AGGREGATE BASE @ 8"-10" THICK  
(ITEM NO. 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D PUG MIX)
5. TACK COAT FOR EACH PAVEMENT LAYER  
(ITEM NO. 403-02.01 BITUMINOUS MATERIAL FOR TACK COAT @ 0.07 GAL./SQ. YD. (GENERAL USE) & 0.10 GAL./SQ. YD. (MILLING-COLD PLANE))
6. PRIME COAT  
(ITEM NO. 402-01 BITUMINOUS MATERIAL FOR PRIME COAT @ 0.3-0.35 GAL./S.Y.)  
(ITEM NO 402-02 AGGREGATE FOR COVER MATERIAL @ 8-12 LBS./SQ. YD.)

- NOTES:**
1. PERFORMANCE GRADE MIX DESIGNATION IS BASED ON ADT AND EXPECTED USE:  
- FOR LESS THAN 10,000 ADT: PG64-22, STANDARD DUTY ASPHALT.
  2. MATERIALS AND CONSTRUCTION PROCEDURES SHALL BE IN ACCORDANCE WITH THE TENNESSEE DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS, LATEST EDITION, SECTION 903.05 FOR AGGREGATE BASE COURSE MATERIAL; SECTION 903.06 FOR HOT MIX ASPHALT BASE COURSE; AND SECTION 903.11 FOR SURFACE COURSE.
  3. CONTRACTOR SHALL SUBMIT A MIX DESIGN FOR ENGINEERING REVIEW AND RECEIVE APPROVAL PRIOR TO PAVING OPERATIONS.
  4. ALL PAVEMENT JOINTS SHALL BE SQUARE WITHOUT FEATHERING.
  5. SEAL ALL JOINTS WITH AN APPROVED SEALANT.
  6. THE SUBGRADE MATERIALS SHALL BE PROOF ROLLED AND/OR SCARIFIED AND COMPACTED PRIOR TO PLACEMENT OF BASE MATERIAL. EXISTING SUBGRADE MATERIALS THAT ARE UNSUITABLE SHALL BE REMOVED AND REPLACED WITH COMPACTED SELECT MATERIAL.

**DETAIL 801**  
**ASPHALT PAVEMENT SECTIONS**  
N.T.S.



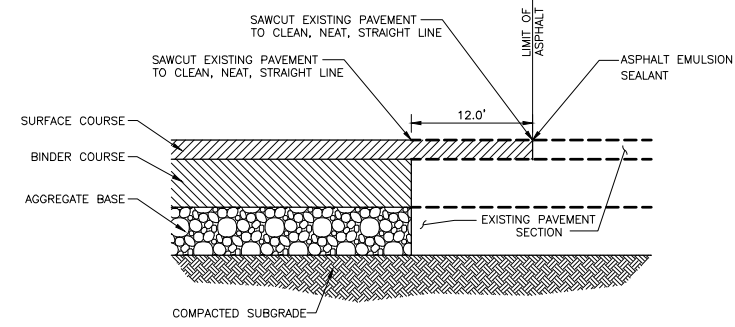
**DETAIL 802**  
**UNCURBED PAVEMENT EDGE**  
N.T.S.



- CRITICAL POINTS**
- A. Overlaps and Seams
  - B. Projected Water Line
  - C. Channel Bottom/Side Slope Vertices

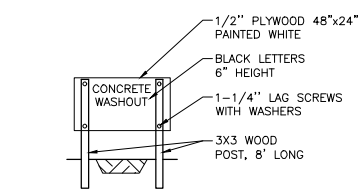
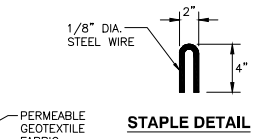
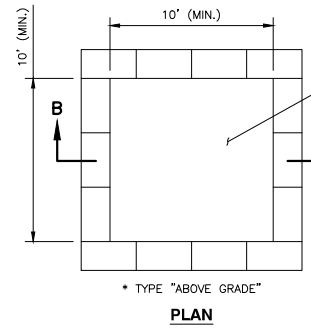
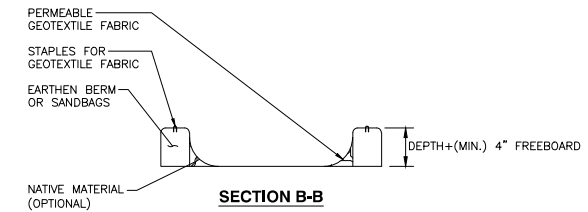
**NOTES:**  
*Horizontal staple spacing should be altered if necessary to allow staples to secure the critical points along the channel surface.

**DETAIL 804**  
**EROSION CONTROL MATTING**  
N.T.S.



- NOTES:**
1. PROVIDE TACK COAT ALONG SAWCUT TO BIND EXISTING PAVEMENT TO NEW PAVEMENT FOR AREAS WITH PATCHING AND OVERLAY. PROVIDE TACK COAT TO BIND EXISTING PAVEMENT WITH NEW ASPHALT.

**DETAIL 803**  
**PAVEMENT SAWCUT**  
N.T.S.



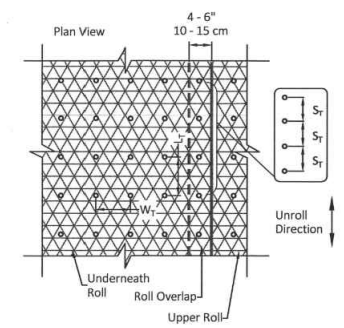
- NOTES:**
1. ACTUAL LAYOUT DETERMINED IN FIELD.
  2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 5 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

**DETAIL 805**  
**CONCRETE WASHOUT FACILITY**  
N.T.S.

**Instructions**

1. Prepare soil before installing rolled erosion control products (RECPs), including any necessary application of lime, fertilizer, and seed. Ground surface must be free of debris, rocks, clay clods and raked smooth sufficient to allow intimate contact of the RECP with the soil over the entirety of the installation.
2. Begin at the top of the channel by anchoring the RECPs in a 6" (15 cm) deep X 6" (15 cm) wide trench with approximately 12" (30 cm) of RECPs extended beyond the up-slope portion of the trench. Use ShoreMax mat at the channel/culvert outlet as supplemental scour protection as needed. Anchor the RECPs with a row of staples/stakes/pins approximately 12" (30 cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to the compacted soil and fold the remaining 12" (30 cm) portion of RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes/pins spaced approximately 12" (30 cm) apart across the width of the RECPs.
3. Roll center RECPs in direction of water flow in bottom of channel. RECPs will unroll with appropriate side against the soil surface. All RECPs must be securely fastened to soil surface by placing staples/stakes/pins in appropriate locations as shown in the staple pattern guide.
4. Place consecutive RECPs end-over-end (Shingle style) with a 4"-6" (10-15 cm) overlap. Use a double row of staples staggered 4" apart and 4" on center to secure RECPs.
5. Full length edge of RECPs at top of side slopes must be anchored with a row of staples/stakes/pins spaced at S₁ apart in a 6" (15 cm) deep X 6" (15 cm) wide trench. Backfill and compact the trench after stapling.
6. Adjacent RECPs must be overlapped approximately 4"-6" (10-15 cm) and secured with staples/stakes/pins at S₁.
7. In high flow channel applications a staple check slot is recommended at 30 to 40 foot (9-12m) intervals. Use a double row of staples staggered 6" (15 cm) apart and 12" (30 cm) on center over entire width of the channel.
8. The terminal end of the RECPs must be anchored with a row of staples/stakes/pins spaced at S₂ apart in a 6" (15 cm) deep X 6" (15 cm) wide trench. Backfill and compact the trench after stapling.
9. Fasteners should provide a minimum of twenty pounds of pullout resistance. Six-inch (10 cm) X one-inch (2.5 cm) eleven gauge staples are typically adequate. In loose soils, longer staples may be necessary, twist pins can provide the greatest pullout resistance. In hard or rocky soils, straight pins may be used where staples or twist pins are refused, provided the minimum pullout requirements are met. Bio-degradable fasteners shall not be used with VMmax (TRM) or TMmax (HPTRM) materials.

**Staple Pattern Guide**

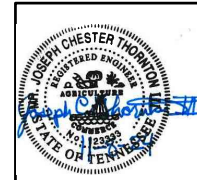


Dimension	Staple Pattern
W _T	20" (50 cm)
L _T	20" (50 cm)
S _T	18" (45 cm)
Nominal Frequency	3.8 / SY

P:\330-0001\330-0001-CAD\DWG\811\811-001.dwg (1/15/2024) - 11:00 AM

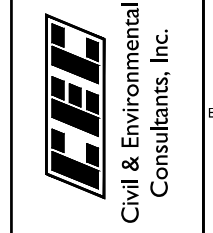


**NOTE TO CONTRACTOR**  
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



DRAWING NO.: **C800**

117 Seaboard Lane  
Suite E-100  
Franklin, TN 37067  
Ph: 615.333.7797  
www.ccecinc.com



**CITY OF FAIRVIEW**  
**STORMWATER IMPROVEMENTS**  
**NORTHWEST HIGHWAY**  
**FAIRVIEW, WILLIAMSON CO, TN**

**DETAILS**

DATE:	NOVEMBER 2024	DRAWN BY:	KMH	JCT	
DWG SCALE:	N.T.S.	CHECKED BY:	N.T.S.	PROJECT NO.:	336-896
APPROVED BY:					TJM



# LOCATION #1

P:\330-3203\1306-8961-CADD\Draw\1306-8961-0201.dwg(1306-8961-0201) - LP: 11/19/2024 11:00 AM



Know what's below.  
Call before you dig.

### NOTE TO CONTRACTOR

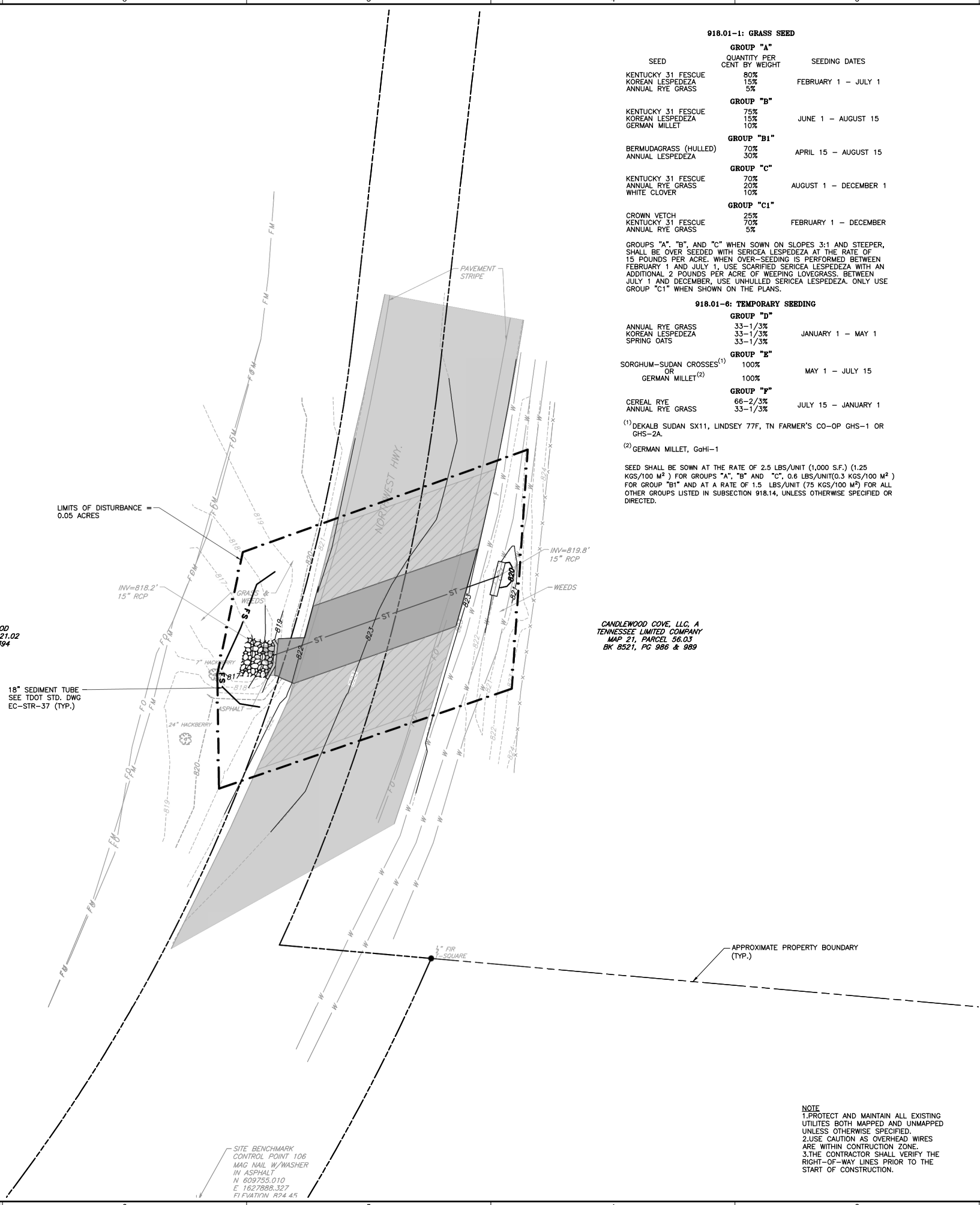
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.

SITE BENCHMARK  
CONTROL POINT 106  
MAG NAIL W/WASHER  
IN ASPHALT  
N 609755.010  
E 1627888.327  
ELEVATION 824.45

LEATHA M. ELROD  
MAP 21, PARCEL 21.02  
BK 3849, PG 394

18" SEDIMENT TUBE  
SEE TDOT STD. DWG  
EC-STR-37 (TYP.)

LIMITS OF DISTURBANCE =  
0.05 ACRES



CANDLEWOOD COVE, LLC, A  
TENNESSEE LIMITED COMPANY  
MAP 21, PARCEL 56.03  
BK 8521, PG 986 & 989

NOTE  
1. PROTECT AND MAINTAIN ALL EXISTING UTILITIES BOTH MAPPED AND UNMAPPED UNLESS OTHERWISE SPECIFIED.  
2. USE CAUTION AS OVERHEAD WIRES ARE WITHIN CONSTRUCTION ZONE.  
3. THE CONTRACTOR SHALL VERIFY THE RIGHT-OF-WAY LINES PRIOR TO THE START OF CONSTRUCTION.

### LEGEND:

- - - - - PROPERTY LINE
- - - - - RIGHT-OF-WAY LINE
- - - - - MAJOR CONTOUR
- - - - - INTERMEDIATE CONTOUR
- x-x-x-x-x FENCE LINE
- - - - - ST - STORM SEWER LINE
- - - - - W - WATER LINE
- - - - - FO - UNDERGROUND FIBER OPTIC LINE
- - - - - FM - FORCE MAIN SANITARY SEWER LINE
- FIR - FOUND IRON ROD
- ↑ - SIGN
- - TREE
- ASPHALT - EXISTING PAVEMENT
- ▨ - PAVEMENT TO BE MILLED AND OVERLAYED
- ▩ - FULL DEPTH PAVEMENT TO BE REPLACED
- - - - - LIMITS OF DISTURBANCE
- - - - - FS - 18" SEDIMENT TUBE

### 918.01-1: GRASS SEED

SEED	QUANTITY PER CENT BY WEIGHT	SEEDING DATES
<b>GROUP "A"</b>		
KENTUCKY 31 FESCUE	80%	FEBRUARY 1 - JULY 1
KOREAN LESPEDEZA	15%	
ANNUAL RYE GRASS	5%	
<b>GROUP "B"</b>		
KENTUCKY 31 FESCUE	75%	JUNE 1 - AUGUST 15
KOREAN LESPEDEZA	15%	
GERMAN MILLET	10%	
<b>GROUP "B1"</b>		
BERMUDAGRASS (HULLED)	70%	APRIL 15 - AUGUST 15
ANNUAL LESPEDEZA	30%	
<b>GROUP "C"</b>		
KENTUCKY 31 FESCUE	70%	AUGUST 1 - DECEMBER 1
ANNUAL RYE GRASS	20%	
WHITE CLOVER	10%	
<b>GROUP "C1"</b>		
CROWN VETCH	25%	FEBRUARY 1 - DECEMBER
KENTUCKY 31 FESCUE	70%	
ANNUAL RYE GRASS	5%	

GROUPS "A", "B", AND "C" WHEN SOWN ON SLOPES 3:1 AND STEEPER, SHALL BE OVER SEEDDED WITH SERICEA LESPEDEZA AT THE RATE OF 15 POUNDS PER ACRE. WHEN OVER-SEEDING IS PERFORMED BETWEEN FEBRUARY 1 AND JULY 1, USE SCARIFIED SERICEA LESPEDEZA WITH AN ADDITIONAL 2 POUNDS PER ACRE OF WEEPING LOVEGRASS. BETWEEN JULY 1 AND DECEMBER, USE UNHULLED SERICEA LESPEDEZA. ONLY USE GROUP "C1" WHEN SHOWN ON THE PLANS.

### 918.01-6: TEMPORARY SEEDING

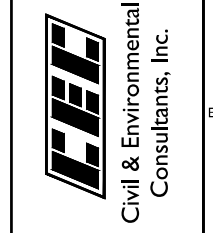
<b>GROUP "D"</b>		
ANNUAL RYE GRASS	33-1/3%	JANUARY 1 - MAY 1
KOREAN LESPEDEZA	33-1/3%	
SPRING OATS	33-1/3%	
<b>GROUP "E"</b>		
SORGHUM-SUDAN CROSSES ⁽¹⁾	100%	MAY 1 - JULY 15
OR GERMAN MILLET ⁽²⁾	100%	
<b>GROUP "F"</b>		
CEREAL RYE	66-2/3%	JULY 15 - JANUARY 1
ANNUAL RYE GRASS	33-1/3%	

⁽¹⁾ DEKALB SUDAN SX11, LINDSEY 77F, TN FARMER'S CO-OP GHS-1 OR GHS-2A.  
⁽²⁾ GERMAN MILLET, Gahi-1

SEED SHALL BE SOWN AT THE RATE OF 2.5 LBS/UNIT (1,000 S.F.) (1.25 KGS/100 M²) FOR GROUPS "A", "B" AND "C", 0.6 LBS/UNIT (0.3 KGS/100 M²) FOR GROUP "B1" AND AT A RATE OF 1.5 LBS/UNIT (75 KGS/100 M²) FOR ALL OTHER GROUPS LISTED IN SUBSECTION 918.14, UNLESS OTHERWISE SPECIFIED OR DIRECTED.

NO.	DATE	DESCRIPTION

117 Seaboard Lane  
Suite E-100  
Franklin, TN 37067  
Ph: 615.333.7797  
www.cecinc.com

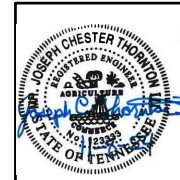


CITY OF FAIRVIEW  
STORMWATER IMPROVEMENTS  
NORTHWEST HIGHWAY  
FAIRVIEW, WILLIAMSON CO, TN

EROSION AND SEDIMENT CONTROL PLAN	KMH	JCT	TJM
DATE: NOVEMBER 2024	DRAWN BY:	CHECKED BY:	APPROVED BY:
DWG SCALE: 1"=10'	PROJECT NO: 336-896		

DRAWING NO.: **C901**

SCALE IN FEET  
0 10 20





# LOCATION #2

**LEGEND:**

	PROPERTY LINE
	RIGHT-OF-WAY LINE
	MAJOR CONTOUR
	INTERMEDIATE CONTOUR
	FENCE LINE
	STORM SEWER LINE
	WATER LINE
	UNDERGROUND FIBER OPTIC LINE
	FORCE MAIN SANITARY SEWER LINE
	FOUND IRON ROD
	SIGN
	TREE
	ASPHALT EXISTING PAVEMENT
	PAVEMENT TO BE MILLED AND OVERLAYED
	FULL DEPTH PAVEMENT TO BE REPLACED
	LIMITS OF DISTURBANCE
	18" SEDIMENT TUBE

**918.01-1: GRASS SEED**

SEED	QUANTITY PER CENT BY WEIGHT	SEEDING DATES
<b>GROUP "A"</b>		
KENTUCKY 31 FESCUE	80%	FEBRUARY 1 - JULY 1
KOREAN LESPEDEZA	15%	
ANNUAL RYE GRASS	5%	
<b>GROUP "B"</b>		
KENTUCKY 31 FESCUE	75%	JUNE 1 - AUGUST 15
KOREAN LESPEDEZA	15%	
GERMAN MILLET	10%	
<b>GROUP "B1"</b>		
BERMUDAGRASS (HULLED)	70%	APRIL 15 - AUGUST 15
ANNUAL LESPEDEZA	30%	
<b>GROUP "C"</b>		
KENTUCKY 31 FESCUE	70%	AUGUST 1 - DECEMBER 1
ANNUAL RYE GRASS	20%	
WHITE CLOVER	10%	
<b>GROUP "C1"</b>		
CROWN VETCH	25%	FEBRUARY 1 - DECEMBER
KENTUCKY 31 FESCUE	70%	
ANNUAL RYE GRASS	5%	

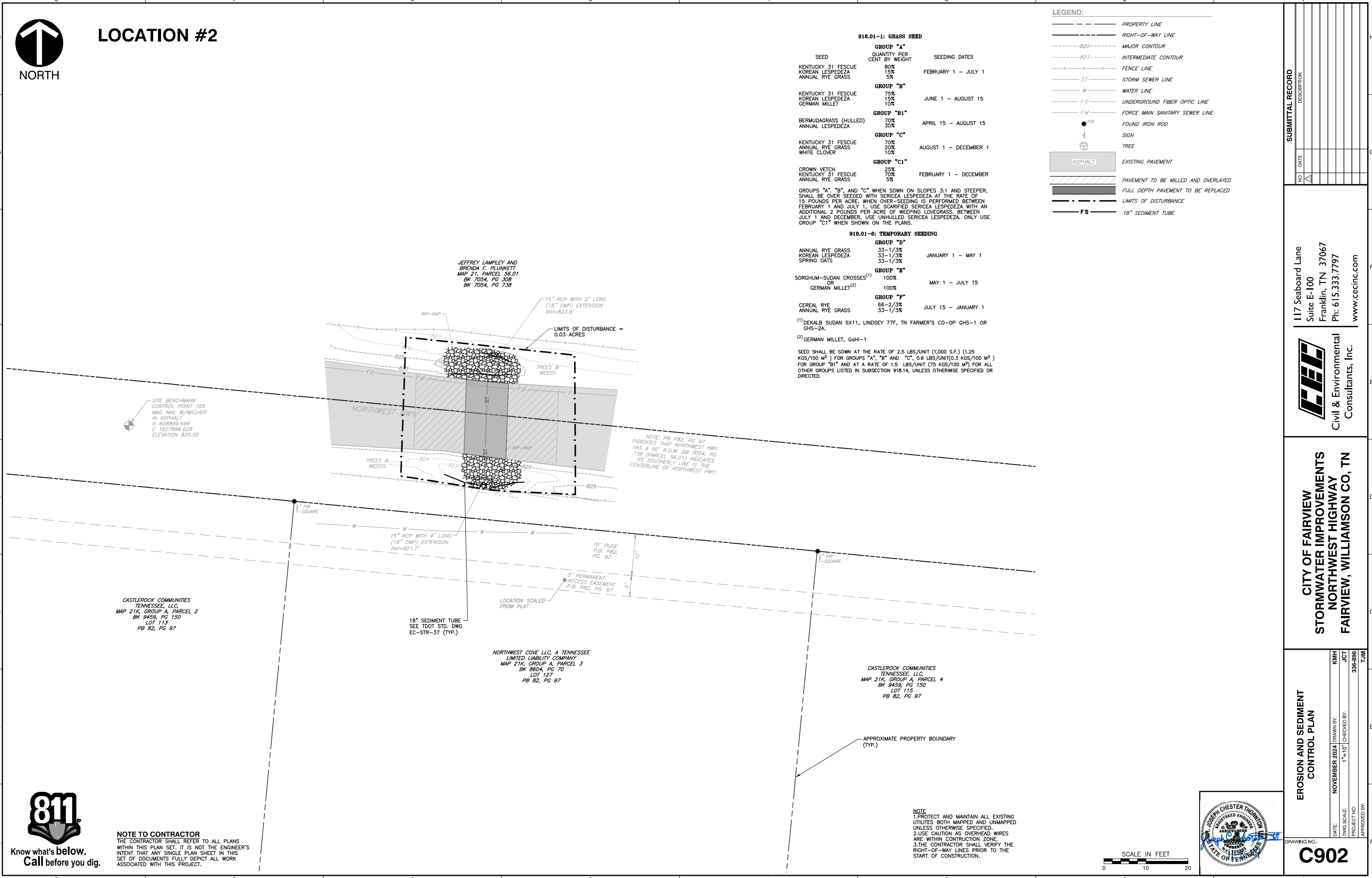
GROUPS "A", "B", AND "C" WHEN SOWN ON SLOPES 3:1 AND STEEPER, SHALL BE OVER SEEDED WITH SERICEA LESPEDEZA AT THE RATE OF 15 POUNDS PER ACRE. WHEN OVER-SEEDING IS PERFORMED BETWEEN FEBRUARY 1 AND JULY 1, USE SCARIFIED SERICEA LESPEDEZA WITH AN ADDITIONAL 2 POUNDS PER ACRE OF WEEPING LOVEGRASS. BETWEEN JULY 1 AND DECEMBER, USE UNHULLED SERICEA LESPEDEZA. ONLY USE GROUP "C1" WHEN SHOWN ON THE PLANS.

**918.01-6: TEMPORARY SEEDING**

SEED	QUANTITY PER CENT BY WEIGHT	SEEDING DATES
<b>GROUP "D"</b>		
ANNUAL RYE GRASS	33-1/3%	JANUARY 1 - MAY 1
KOREAN LESPEDEZA	33-1/3%	
SPRING OATS	33-1/3%	
<b>GROUP "B"</b>		
SORGHUM-SUDAN CROSSES ⁽¹⁾	100%	MAY 1 - JULY 15
OR GERMAN MILLET ⁽²⁾	100%	
<b>GROUP "E"</b>		
CEREAL RYE	66-2/3%	JULY 15 - JANUARY 1
ANNUAL RYE GRASS	33-1/3%	

⁽¹⁾ DEKALB SUDAN SX11, LINDSEY 77F, TN FARMER'S CO-OP GHS-1 OR GHS-2A.  
⁽²⁾ GERMAN MILLET, Gohi-1

SEED SHALL BE SOWN AT THE RATE OF 2.5 LBS/UNIT (1,000 S.F.) (1.25 KGS/100 M²) FOR GROUPS "A", "B" AND "C", 0.6 LBS/UNIT (0.3 KGS/100 M²) FOR GROUP "B1" AND AT A RATE OF 1.5 LBS/UNIT (75 KGS/100 M²) FOR ALL OTHER GROUPS LISTED IN SUBSECTION 918.14, UNLESS OTHERWISE SPECIFIED OR DIRECTED.



JEFFREY LAMPLEY AND  
 BRENDA F. PLUNKETT  
 MAP 21, PARCEL 56.01  
 BK 7054, PG 308  
 BK 7054, PG 738

SITE BENCHMARK  
 CONTROL POINT 105  
 MAG NAIL W/WASHER  
 IN ASPHALT  
 N 605899.494  
 E 1627896.628  
 ELEVATION 825.55

NOTE: PB PB2, PG 97  
 INDICATES THAT NORTHWEST HWY.  
 HAS A 50' R.O.W. DB 7054, PG  
 738 (PARCEL 56.01) INDICATES  
 ITS SOUTHERLY LINE IS THE  
 CENTERLINE OF NORTHWEST HWY.

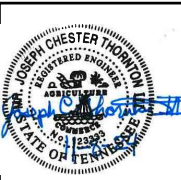
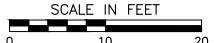
CASTLEROCK COMMUNITIES  
 TENNESSEE, LLC.  
 MAP 21K, GROUP A, PARCEL 2  
 BK 9459, PG 150  
 LOT 113  
 PB 82, PG 97

NORTHWEST COVE, LLC, A TENNESSEE  
 LIMITED LIABILITY COMPANY  
 MAP 21K, GROUP A, PARCEL 3  
 BK 8604, PG 70  
 LOT 127  
 PB 82, PG 97

CASTLEROCK COMMUNITIES  
 TENNESSEE, LLC.  
 MAP 21K, GROUP A, PARCEL 4  
 BK 9459, PG 150  
 LOT 115  
 PB 82, PG 97

**NOTE TO CONTRACTOR**  
 THE CONTRACTOR SHALL REFER TO ALL PLANS  
 WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S  
 INTENT THAT ANY SINGLE PLAN SHEET IN THIS  
 SET OF DOCUMENTS FULLY DEPICT ALL WORK  
 ASSOCIATED WITH THIS PROJECT.

**NOTE**  
 1. PROTECT AND MAINTAIN ALL EXISTING  
 UTILITIES BOTH MAPPED AND UNMAPPED  
 UNLESS OTHERWISE SPECIFIED.  
 2. USE CAUTION AS OVERHEAD WIRES  
 ARE WITHIN CONSTRUCTION ZONE.  
 3. THE CONTRACTOR SHALL VERIFY THE  
 RIGHT-OF-WAY LINES PRIOR TO THE  
 START OF CONSTRUCTION.



NO	DATE	DESCRIPTION

117 Seaboard Lane  
 Suite E-100  
 Franklin, TN 37067  
 Ph: 615.333.7797  
 www.ccecinc.com



**CITY OF FAIRVIEW  
 STORMWATER IMPROVEMENTS  
 NORTHWEST HIGHWAY  
 FAIRVIEW, WILLIAMSON CO, TN**

**EROSION AND SEDIMENT CONTROL PLAN**

DATE: NOVEMBER 2024 DRAWN BY: KMH  
 DWG SCALE: 1"=10' JCT: 336-896  
 PROJECT NO: 336-896  
 APPROVED BY: TJM

DRAWING NO.: **C902**

P:\330-3307\336-896-CADD\DWG\WPA04_L336-896-RR04-0902.dwg (2024) LS(11/19/2024 - 9:00am) - LP: 11/19/2024 11:01 AM





# LOCATION #3

## 918.01-1: GRASS SEED

SEED	QUANTITY PER CENT BY WEIGHT	SEEDING DATES
<b>GROUP "A"</b>		
KENTUCKY 31 FESCUE	80%	FEBRUARY 1 - JULY 1
KOREAN LESPEDEZA	15%	
ANNUAL RYE GRASS	5%	
<b>GROUP "B"</b>		
KENTUCKY 31 FESCUE	75%	JUNE 1 - AUGUST 15
KOREAN LESPEDEZA	15%	
GERMAN MILLET	10%	
<b>GROUP "B1"</b>		
BERMUDAGRASS (HULLED)	70%	APRIL 15 - AUGUST 15
ANNUAL LESPEDEZA	30%	
<b>GROUP "C"</b>		
KENTUCKY 31 FESCUE	70%	AUGUST 1 - DECEMBER 1
ANNUAL RYE GRASS	20%	
WHITE CLOVER	10%	
<b>GROUP "C1"</b>		
CROWN VETCH	25%	FEBRUARY 1 - DECEMBER
KENTUCKY 31 FESCUE	70%	
ANNUAL RYE GRASS	5%	

GROUPS "A", "B", AND "C" WHEN SOWN ON SLOPES 3:1 AND STEEPER, SHALL BE OVER SEEDED WITH SERICEA LESPEDEZA AT THE RATE OF 15 POUNDS PER ACRE. WHEN OVER-SEEDING IS PERFORMED BETWEEN FEBRUARY 1 AND JULY 1, USE SCARIFIED SERICEA LESPEDEZA WITH AN ADDITIONAL 2 POUNDS PER ACRE OF WEEPING LOVEGRASS. BETWEEN JULY 1 AND DECEMBER, USE UNHULLED SERICEA LESPEDEZA. ONLY USE GROUP "C1" WHEN SHOWN ON THE PLANS.

## 918.01-6: TEMPORARY SEEDING

SEED	QUANTITY PER CENT BY WEIGHT	SEEDING DATES
<b>GROUP "D"</b>		
ANNUAL RYE GRASS	33-1/3%	JANUARY 1 - MAY 1
KOREAN LESPEDEZA	33-1/3%	
SPRING OATS	33-1/3%	
<b>GROUP "E"</b>		
SORGHUM-SUDAN CROSSES ⁽¹⁾	100%	MAY 1 - JULY 15
OR GERMAN MILLET ⁽²⁾	100%	
<b>GROUP "F"</b>		
CEREAL RYE	66-2/3%	JULY 15 - JANUARY 1
ANNUAL RYE GRASS	33-1/3%	

⁽¹⁾ DEKALB SUDAN SX11, LINDSEY 77F, TN FARMER'S CO-OP GHS-1 OR GHS-2A.

⁽²⁾ GERMAN MILLET, Gohi-1

SEED SHALL BE SOWN AT THE RATE OF 2.5 LBS/UNIT (1,000 S.F.) (1.25 KGS/100 M²) FOR GROUPS "A", "B" AND "C". 0.6 LBS/UNIT (0.3 KGS/100 M²) FOR GROUP "B1" AND AT A RATE OF 1.5 LBS/UNIT (75 KGS/100 M²) FOR ALL OTHER GROUPS LISTED IN SUBSECTION 918.14, UNLESS OTHERWISE SPECIFIED OR DIRECTED.

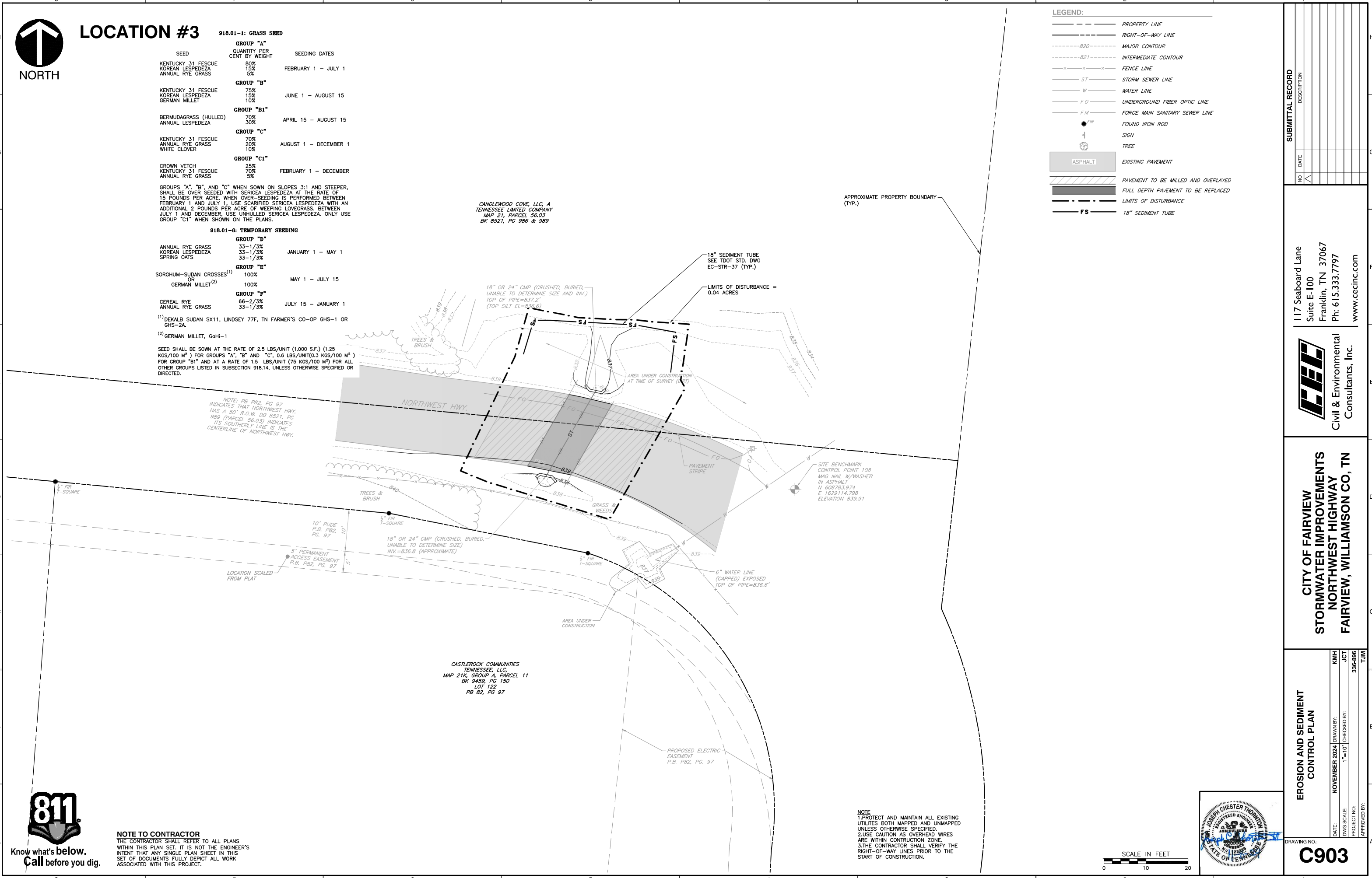
NOTE: PB P82, PG. 97 INDICATES THAT NORTHWEST HWY. HAS A 50' R.O.W. DB 8521, PG. 989 (PARCEL 56.03) INDICATES ITS SOUTHERLY LINE IS THE CENTERLINE OF NORTHWEST HWY.

CANDLEWOOD COVE, LLC, A TENNESSEE LIMITED COMPANY  
MAP 21, PARCEL 56.03  
BK 8521, PG 986 & 989

CASTLE ROCK COMMUNITIES  
TENNESSEE, LLC,  
MAP 21K, GROUP A, PARCEL 11  
BK 9459, PG. 150  
LOT 122  
PB 82, PG. 97

### LEGEND:

	PROPERTY LINE
	RIGHT-OF-WAY LINE
	MAJOR CONTOUR
	INTERMEDIATE CONTOUR
	FENCE LINE
	STORM SEWER LINE
	WATER LINE
	UNDERGROUND FIBER OPTIC LINE
	FORCE MAIN SANITARY SEWER LINE
	FOUND IRON ROD
	SIGN
	TREE
	EXISTING PAVEMENT
	PAVEMENT TO BE MILLED AND OVERLAYED
	FULL DEPTH PAVEMENT TO BE REPLACED
	LIMITS OF DISTURBANCE
	18" SEDIMENT TUBE



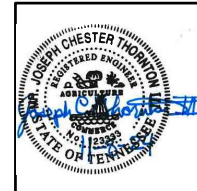
NO.	DATE	DESCRIPTION

117 Seaboard Lane  
Suite E-100  
Franklin, TN 37067  
Ph: 615.333.7797  
www.ccecinc.com



CITY OF FAIRVIEW  
STORMWATER IMPROVEMENTS  
NORTHWEST HIGHWAY  
FAIRVIEW, WILLIAMSON CO, TN

EROSION AND SEDIMENT CONTROL PLAN	KMH	JCT	TJM
DATE: NOVEMBER 2024	DRAWN BY:	CHECKED BY:	APPROVED BY:
DWG SCALE: 1"=10'	PROJECT NO: 336-896		



NOTE  
1. PROTECT AND MAINTAIN ALL EXISTING UTILITIES BOTH MAPPED AND UNMAPPED UNLESS OTHERWISE SPECIFIED.  
2. USE CAUTION AS OVERHEAD WIRES ARE WITHIN CONSTRUCTION ZONE.  
3. THE CONTRACTOR SHALL VERIFY THE RIGHT-OF-WAY LINES PRIOR TO THE START OF CONSTRUCTION.

**NOTE TO CONTRACTOR**  
THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.



P:\330-3307\336-896-CADD\DWG\WSPR\336-896-IMP-0101.dwg (C:\OS2\AUTOPLT\PLT) L5(11/9/2024 11:01 AM) - LP: 11/9/2024 11:01 AM



# LOCATION #4

**NOTE**  
 1. PROTECT AND MAINTAIN ALL EXISTING UTILITIES BOTH MAPPED AND UNMAPPED UNLESS OTHERWISE SPECIFIED.  
 2. USE CAUTION AS OVERHEAD WIRES ARE WITHIN CONSTRUCTION ZONE.  
 3. THE CONTRACTOR SHALL VERIFY THE RIGHT-OF-WAY LINES PRIOR TO THE START OF CONSTRUCTION.  
 4. THE CONTRACTOR SHALL TAKE ANY MEANS NECESSARY TO PROTECT WTL-1 FROM CONSTRUCTION. NO DISTURBANCE OF THE WTL-1 OR ITS ASSOCIATED BUFFER IS TO OCCUR.  
 5. CONTRACTOR TO FIELD LOCATE STREAM DIVERSION AND PUMP AROUND IF STREAM NOT DRY AT CONSTRUCTION COMMENCEMENT (SEE TDOT STD EC-STR-2 AND EC-STR-33(A)).

**LEGEND:**

	PROPERTY LINE
	RIGHT-OF-WAY LINE
	MAJOR CONTOUR
	INTERMEDIATE CONTOUR
	FENCE LINE
	STORM SEWER LINE
	WATER LINE
	UNDERGROUND FIBER OPTIC LINE
	FORCE MAIN SANITARY SEWER LINE
	FOUND IRON ROD
	SIGN
	TREE
	EXISTING PAVEMENT
	HIGH VISIBILITY FENCE
	PAVEMENT TO BE MILLED AND OVERLAYED
	FULL DEPTH PAVEMENT TO BE REPLACED
	LIMITS OF DISTURBANCE
	18" SEDIMENT TUBE
	ENHANCED CHECK DAM

**918.01-1: GRASS SEED**

SEED	GROUP	QUANTITY PER CENT BY WEIGHT	SEEDING DATES
KENTUCKY 31 FESCUE KOREAN LESPEDEZA ANNUAL RYE GRASS	GROUP "A"	80% 15% 5%	FEBRUARY 1 - JULY 1
	GROUP "B"	75% 15% 10%	JUNE 1 - AUGUST 15
	GROUP "B1"	70% 30%	APRIL 15 - AUGUST 15
BERMUDAGRASS (HULLED) ANNUAL RYE GRASS	GROUP "C"	70% 20% 10%	AUGUST 1 - DECEMBER 1
	GROUP "C1"	25% 70% 5%	FEBRUARY 1 - DECEMBER
CROWN VETCH KENTUCKY 31 FESCUE ANNUAL RYE GRASS	GROUP "D"	33-1/3% 33-1/3% 33-1/3%	JANUARY 1 - MAY 1
SORGHUM-SUDAN CROSSES ⁽¹⁾ OR GERMAN MILLET ⁽²⁾	GROUP "E"	100%	MAY 1 - JULY 15
	GROUP "F"	66-2/3% 33-1/3%	JULY 15 - JANUARY 1

**918.01-6: TEMPORARY SEEDING**

GROUPS "A", "B", AND "C" WHEN SOWN ON SLOPES 3:1 AND STEEPER, SHALL BE OVER SEEDED WITH SERICEA LESPEDEZA AT THE RATE OF 15 POUNDS PER ACRE. WHEN OVER-SEEDING IS PERFORMED BETWEEN FEBRUARY 1 AND JULY 1, USE SCARIFIED SERICEA LESPEDEZA WITH AN ADDITIONAL 2 POUNDS PER ACRE OF WEEPING LOVEGRASS. BETWEEN JULY 1 AND DECEMBER, USE UNHULLED SERICEA LESPEDEZA. ONLY USE GROUP "C1" WHEN SHOWN ON THE PLANS.

(1) DEKALB SUDAN SX11, LINDSEY 77F, TN FARMER'S CO-OP GHS-1 OR GHS-2A.  
 (2) GERMAN MILLET, Gahi-1

SEED SHALL BE SOWN AT THE RATE OF 2.5 LBS/UNIT (1,000 S.F.) (1.25 KGS/100 M²) FOR GROUPS "A", "B" AND "C", 0.6 LBS/UNIT (0.3 KGS/100 M²) FOR GROUP "B1" AND AT A RATE OF 1.5 LBS/UNIT (75 KGS/100 M²) FOR ALL OTHER GROUPS LISTED IN SUBSECTION 918.14, UNLESS OTHERWISE SPECIFIED OR DIRECTED.

NORTHWEST COVE LLC, A TENNESSEE LIMITED LIABILITY COMPANY  
 MAP 214, GROUP A, PARCEL 16  
 BK 8604, PG 70  
 LOT 127  
 PB 82, PG 97

18" SEDIMENT TUBE  
 SEE TDOT STD. DWG EC-STR-37 (TYP.)

SIGN EASEMENT  
 P.B. P82, PG. 97

10' PUDE  
 P.B. P82, PG. 97

NORTHWEST COVE LLC, A TENNESSEE LIMITED LIABILITY COMPANY  
 MAP 21, PARCEL 62.00  
 BK 8604, PG 70

SITE BENCHMARK  
 CONTROL POINT 103  
 MAG NAIL W/WASHER  
 IN ASPHALT  
 N 607885.973  
 E 1623040.427  
 ELEVATION 821.57

APPROXIMATE PROPERTY BOUNDARY (TYP.)

JOHNNY A. MCDANIEL AND WIFE, WICKI MCDANIEL  
 MAP 21, PARCEL 61.15  
 BK 1314, PG 988  
 LOT 9  
 PB 18, PG 95

MITCHELL W. LAMPLEY AND WIFE, CARMEN B. LAMPLEY  
 MAP 21, PARCEL 58.06  
 BK 2375, PG 544

PIPE DIRECTION (END NOT FOUND)

GRASS & WEEDS

LIMITS OF DISTURBANCE = 0.07 ACRES

4" HDPE  
 INV=816.8'

INV=817.6'  
 18" RCP

INV=817.9'  
 18" RCP

PUMP AROUND BYPASS OR STREAM DIVERSION TO BE FIELD LOCATED (SEE TDOT STD-33(A))

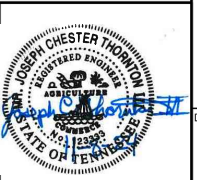
PROPOSED ROW  
 P.B. P82, PG. 97

APPROXIMATE PROPERTY BOUNDARY (TYP.)



**NOTE TO CONTRACTOR**  
 THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS PLAN SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THIS PROJECT.

SCALE IN FEET  
 0 10 20



EROSION AND SEDIMENT CONTROL PLAN

CITY OF FAIRVIEW  
 STORMWATER IMPROVEMENTS  
 NORTHWEST HIGHWAY  
 FAIRVIEW, WILLIAMSON CO, TN

117 Seaboard Lane  
 Suite E-100  
 Franklin, TN 37067  
 Ph: 615.333.7797  
 www.ccecinc.com



DATE:	NOVEMBER 2024
DRAWN BY:	KMH
CHECKED BY:	JCT
PROJECT NO.:	336-896
APPROVED BY:	TJM

DRAWING NO.: **C904**