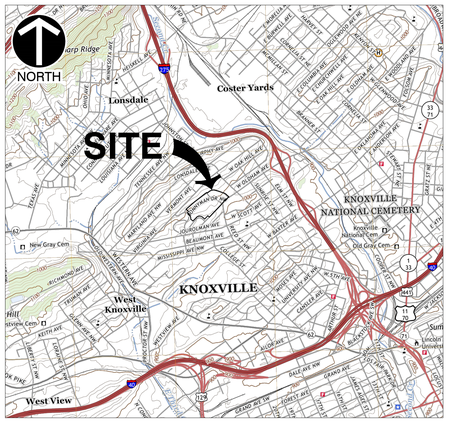
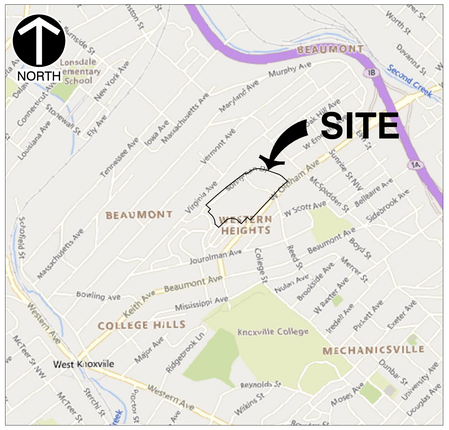
KNOXVILLE'S COMMUNITY DEVELOPMENT CORPORATION (KCDC)
WESTERN HEIGHTS PHASE 2 INFRASTRUCTURE DEMOLITION

PREPARED FOR:
KNOXVILLE'S COMMUNITY DEVELOPMENT CORPORATION
DECEMBER 2023



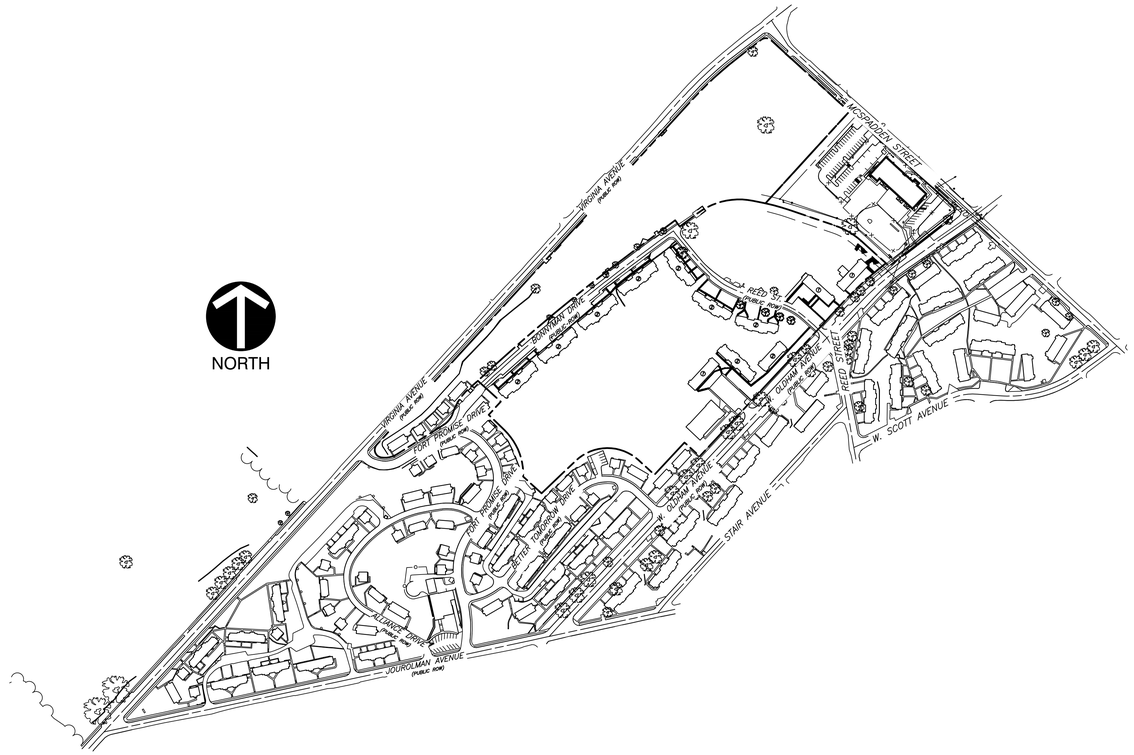
U.S.G.S. MAP

USGS TOPOGRAPHIC MAP
KNOXVILLE, TN
N.T.S.



VICINITY MAP

N.T.S.



Tennessee811
Know what's below. Call before you dig.

Sheet List Table	
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C900	INITIAL EPSC PLAN
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C902	EPSC PLAN DETAILS

UTILITY COMPANIES

WATER & WASTE WATER SERVICE
KUB NEW SERVICES DEPARTMENT CS26
4505 MIDDLEBROOK PIKE,
KNOXVILLE, TN 37921
PHONE: (865) 558-22294
CONTACT: TIM RIDENHOUR
EMAIL: TIMOTHY.RIDENOUR@KUB.ORG

ELECTRIC
KUB NEW SERVICES DEPARTMENT CS26
4505 MIDDLEBROOK PIKE,
KNOXVILLE, TN 37921
PHONE: (865) 558-2294
CONTACT: TIM RIDENHOUR
EMAIL: TIMOTHY.RIDENHOUR@KUB.ORG

ENGINEER

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
2704 CHEROKEE FARM WAY, STE. 101
KNOXVILLE, TN 37920
PH: (865) 977-9997
CONTACT: ADAM WILSON, PE.

REVIEWING AGENCY

CITY OF KNOXVILLE ENGINEERING DEPARTMENT
400 MAIN ST. SUITE 475, P.O. BOX 1631
KNOXVILLE, TN 37901
PH: (865)215-2148
CONTACT: JOSHUA FRERICHS, PE.

OWNER/DEVELOPER

KNOXVILLE'S COMMUNITY DEVELOPMENT CORPORATION (KCDC)
901 N. BROADWAY
KNOXVILLE, TENNESSEE 37917
PHONE: 865-403-1169
EMAIL: JHATFIELD@KCDC.ORG
CONTACT: JIM HATFIELD

PROPERTY INFORMATION

TOTAL ACREAGE: ± 28.74 ACRES
ZONING: RN-5 (GENERAL RESIDENTIAL NEIGHBORHOOD ZONING DISTRICT)
REZONING TO C-N (NEIGHBORHOOD COMMERCIAL) IS PENDING
PROPOSED USE: MULTI-FAMILY RESIDENTIAL
PARCEL ID'S: 094BC002, 094BC004, 094BC003, 094BC00201
ADDRESSES: 1500 FORT PROMISE DR, 1331 W. OLDHAM AVE, 1203 W OLDHAM AVE, 1101 W OLDHAM AVE
CITY BLOCK: 20140
CITY WARD: 20
PARCEL NUMBERS: 2, 4, 3, 2.01
CLT MAP: 94

DRAFT

REVISION RECORD

NO.	DATE	DESCRIPTION

Civil & Environmental Consultants, Inc.
2704 Cherokee Farm Way · Suite 101 · Knoxville, TN 37920
Ph: 865.977.9997 · Fax: 865.977.9919
www.cecinc.com

KNOXVILLE COMMUNITY DEVELOPMENT CORPORATION (KCDC)
WESTERN HEIGHTS PHASE 2 INFRASTRUCTURE DEMOLITION
KNOXVILLE TN, 37921

COVER SHEET

DATE:	DECEMBER 2023
DRAWN BY:	ESS
DWG SCALE:	SEE PLAN
CHECKED BY:	AYW
PROJECT NO:	333-365
APPROVED BY:	DRAFT

DRAWING NO.:
C000

GENERAL NOTES

1. 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 BIDDING ON THIS PROJECT. IF CONDITIONS ENCOUNTERED DURING EXAMINATION ARE SIGNIFICANTLY DIFFERENT FROM THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.

2. EXISTING SITE INFORMATION / TOPOGRAPHIC SURVEY WAS PREPARED BY CEC, DATED 11/17/21. CEC IS NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN

3. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES (INCLUDING THOSE LABELED PER RECORD DATA) PRIOR TO THE BEGINNING OF CONSTRUCTION OR EARTH MOVING OPERATIONS. INFORM ENGINEER OF ANY CONFLICTS DETRIMENTAL TO THE DESIGN INTENT.

4. 72 HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES: THE KUB UTILITY PROTECTION SERVICES, AND ALL OTHER AGENCIES THAT MAY HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NON-MEMBERS OF KUB UNDERGROUND PROTECTION, INC.

5. 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.

6. THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND OWNER'S REPRESENTATIVE FOR ANY AND ALL INJURIES AND/OR DAMAGES TO PERSONNEL, EQUIPMENT AND/OR EXISTING FACILITIES OCCURRING IN THE COURSE OF THE DEMOLITION AND CONSTRUCTION DESCRIBED IN THE PLANS AND SPECIFICATIONS.

7. CONTRACTOR SHALL OBTAIN A PERMIT FOR ALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.

8. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, OBTAIN ALL APPLICABLE PERMITS, AND PAY ALL REQUIRED FEES PRIOR TO BEGINNING WORK.

9. ANY WORK PERFORMED IN THE LOCAL OR STATE RIGHT OF WAYS SHALL BE IN ACCORDANCE WITH THE APPLICABLE LOCAL OR STATE REQUIREMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE NECESSARY PERMITS FOR THE WORK, SCHEDULE NECESSARY INSPECTIONS, AND PROVIDE THE NECESSARY TRAFFIC CONTROL MEASURES AND DEVICES, ETC., FOR WORK PERFORMED IN THE RIGHT OF WAYS.

10. THE CONTRACTOR IS TO PERFORM ALL INSPECTIONS AS REQUIRED BY THE TENNESSEE EPA FOR THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND FURNISH OWNERS REPRESENTATIVE WITH WRITTEN REPORTS. <OWNER> WILL OBTAIN NPDES PERMIT.

11. CONTRACTOR SHALL IMPLEMENT ALL SOIL AND EROSION CONTROL, PRACTICES REQUIRED BY THE CITY AND TDEC.

12. ALL GROUND SURFACE AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO FINAL GRADE AND ARE TO REMAIN SO, SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL IN ACCORDANCE WITH SPECIFICATIONS.

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

DEMOLITION NOTES

1. ALL EXISTING ABOVE AND BELOW GROUND STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS NOTED OTHERWISE WITHIN THIS CONSTRUCTION SET AND/OR PROJECT SPECIFICATIONS. THIS INCLUDES FOUNDATION SLABS, WALLS AND FOOTINGS. CAVITIES LEFT BY STRUCTURE REMOVAL SHALL BE BACKFILLED WITH SATISFACTORY MATERIALS AND COMPACTED TO THE GEOTECHNICAL ENGINEER'S RECOMMENDATION.

2. CLEARING LIMITS SHALL BE PHYSICALLY MARKED IN THE FIELD BY THE <CONTRACTOR/OWNER>.

3. NO TREES SHALL BE REMOVED, NOR VEGETATION DISTURBED BEYOND THE LIMITS OF CONSTRUCTION WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.

4. 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.

5. ALL UTILITY DISCONNECTION, REMOVAL, RELOCATION, CUTTING, CAPPING AND/OR ABANDONMENT SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY / AGENCY. UTILITY CONTACTS ARE LISTED ON THE COVER SHEET.

6. THE BURNING OF CLEARED MATERIAL AND DEBRIS SHALL NOT BE ALLOWED UNLESS CONTRACTOR OBTAINS PRIOR WRITTEN AUTHORIZATION FROM THE LOCAL AUTHORITIES.

7. EROSION & SEDIMENT CONTROL MEASURES AROUND AREAS OF DEMOLITION SHALL BE PROPERLY INSTALLED AND FUNCTION PROPERLY PRIOR TO INITIALIZATION OF DEMOLITION ACTIVITIES.

8. ASBESTOS OR HAZARDOUS MATERIALS ARE <NOT EXPECTED/ANTICIPATED>, IF FOUND ON SITE, SUCH MATERIALS SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIALS CONTRACTOR. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY IF HAZARDOUS MATERIALS ARE ENCOUNTERED.

9. CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE, FEDERAL AND OSHA REGULATIONS DURING ALL DEMOLITION ACTIVITIES.

10. 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.

11. 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.

12. 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.

13. PROVIDE NEAT, STRAIGHT, FULL DEPTH, SAW CUTS OF EXISTING PAVEMENT WHERE INDICATED ALONG LIMITS OF PAVEMENT DEMOLITION.

14. 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, WETLAND AND STREAM DELINEATION AND ASBESTOS SURVEY. ALL APPLICABLE ENVIRONMENTAL STUDIES SHALL BE MADE AVAILABLE UPON REQUEST.

15. 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 IF 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.

16. THE CONTRACTOR SHALL USE SUITABLE METHODS TO CONTROL DUST AND DIRT CAUSED BY THE DEMOLITION ACTIVITIES.

SITE NOTES

1. CONTRACTOR SHALL STRICTLY ADHERE TO THE EROSION & SEDIMENT CONTROL PLAN PREPARED FOR THIS PROJECT.

2. ALL AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE EROSION & SEDIMENT CONTROL PLAN, UNLESS NOTED OTHERWISE.

3. REFERENCE SPECIFICATIONS SECTION 3100000 EARTHWORK FOR ADDITIONAL REQUIREMENTS.

DRAFT

REVISION RECORD

NO.	DATE	DESCRIPTION

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Ph: 865.977.9997 · Fax: 865.977.9919
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KNOXVILLE COMMUNITY DEVELOPMENT CORPORATION (KCDC)
WESTERN HEIGHTS PHASE 2 INFRASTRUCTURE DEMOLITION
KNOXVILLE TN, 37921

GENERAL NOTES

DATE:	DECEMBER 2023
DRAWN BY:	ESS
DWG SCALE:	SEE PLAN
CHECKED BY:	AYW
PROJECT NO:	333-365
APPROVED BY:	DRAFT

DRAWING NO.:
C001

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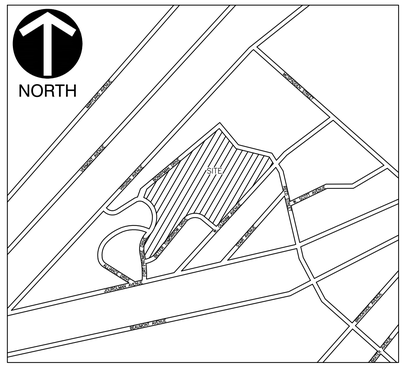

NORTH

LEGEND

- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- EXISTING RIGHT-OF-WAY
- 385 EXISTING INDEX (MAJOR) CONTOUR
- EXISTING INTERMEDIATE (MINOR) CONTOUR
- EXISTING ROADWAY CENTERLINE
- EXISTING CURB
- EXISTING ASPHALT PAVEMENT
- EXISTING STRUCTURE
- EXISTING STRUCTURE TO BE REMOVED
- CONCRETE SIDEWALK TO BE REMOVED
- TREE TO BE REMOVED

SHEET KEY

	DESCRIPTION
A	EXISTING STAIRCASE AND RETAINING WALL TO REMAIN UNDISTURBED.
B	SAW CUT EXISTING SIDEWALK AT BOTTOM OF STAIRS IN NEAT, STRAIGHT LINE.
C	EXISTING SIDEWALK TO BE REMOVED TO FULL DEPTH.
D	SAW CUT EXISTING SIDEWALK AT CONTROL JOINT IN NEAT, STRAIGHT LINE.
E	EXISTING STRUCTURE TO BE REMOVED TO FULL DEPTH. PROVIDE POSITIVE DRAINAGE OUT OF BUILDING FOOTPRINT AFTER DEMOLITION.

I hereby certify that I am a registered engineer, licensed to practice engineering under the laws of the State of Tennessee. I further certify that the plan and accompanying drawings, documents and statements conform to all applicable provisions of the Knoxville-Knox County Subdivision Regulations except as has been itemized and described in a report filed with the Metropolitan Planning Commission.
Registered Engineer Adam Y. Wilson
Tennessee Certification No. 127627

DRAFT

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KNOXVILLE COMMUNITY
DEVELOPMENT CORPORATION (KCDC)
WESTERN HEIGHTS PHASE 2 INFRASTRUCTURE
DEMOLITION
KNOXVILLE TN, 37921

EXISTING CONDITIONS & DEMOLITION PLAN

DATE:	DECEMBER 2023
DRAWN BY:	ESS
DWG SCALE:	SEE PLAN
CHECKED BY:	AYW
PROJECT NO:	333-365
APPROVED BY:	DRAFT

DRAWING NO.:
C100

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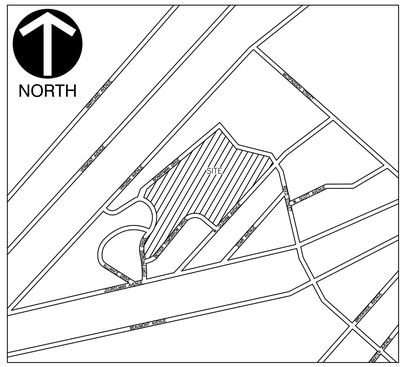

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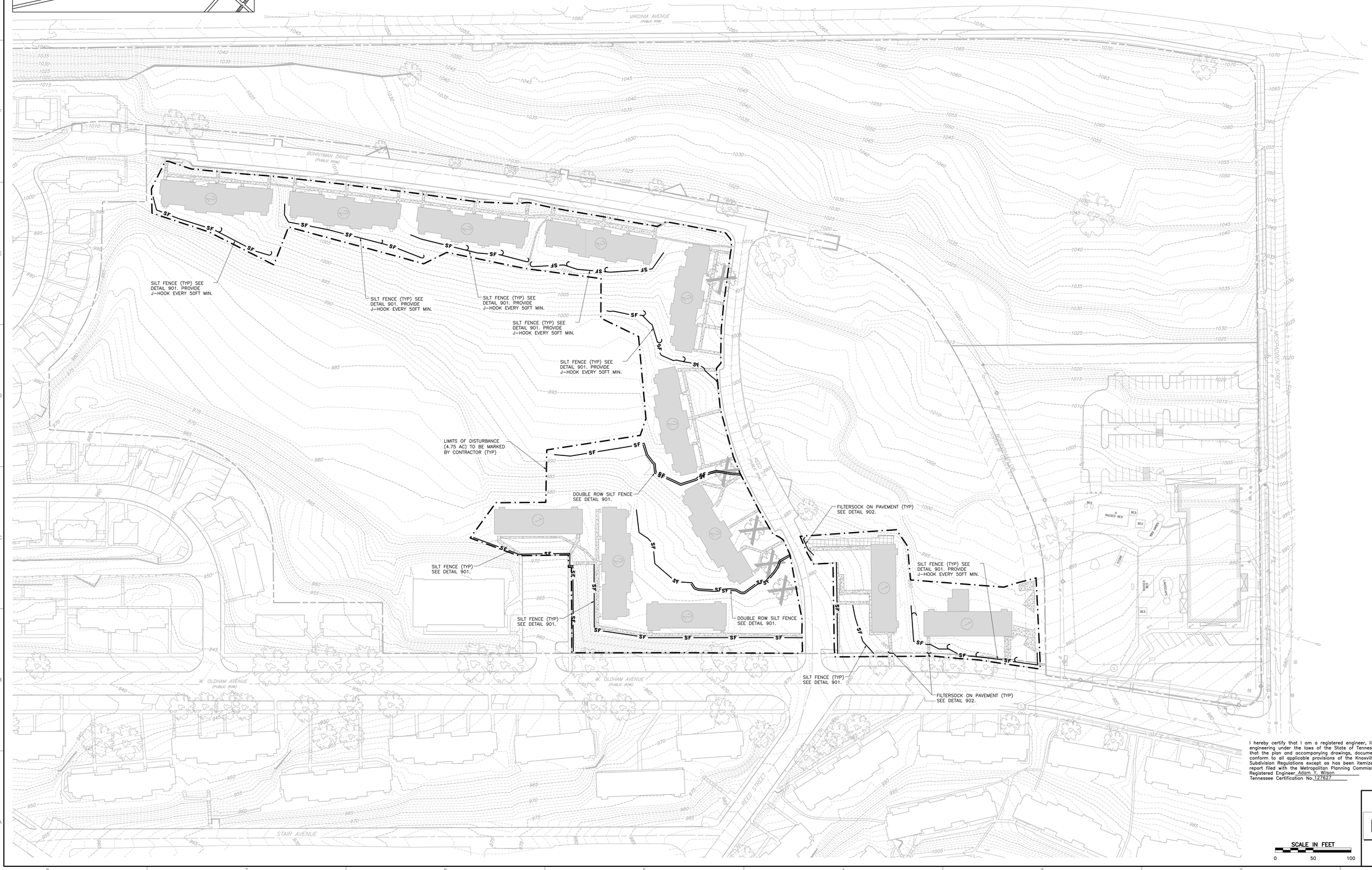
- EXISTING ASPHALT PAVEMENT
- EXISTING STRUCTURE
- EXISTING STRUCTURE TO BE REMOVED
- CONCRETE SIDEWALK TO BE REMOVED
- TREE TO BE REMOVED
- PROPOSED LIMITS OF DISTURBANCE
- SF PROPOSED SILT FENCE
- FS PROPOSED FILTER SOCK



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KNOXVILLE COMMUNITY DEVELOPMENT CORPORATION (KCDC)
WESTERN HEIGHTS PHASE 2 INFRASTRUCTURE DEMOLITION
KNOXVILLE TN, 37921

INITIAL EPSC PLAN

DATE:	DECEMBER 2023
DWG SCALE:	SEE PLAN
PROJECT NO:	333-365
DRAWN BY:	ESS
CHECKED BY:	AYW
APPROVED BY:	DRAFT

DRAWING NO.:
C900

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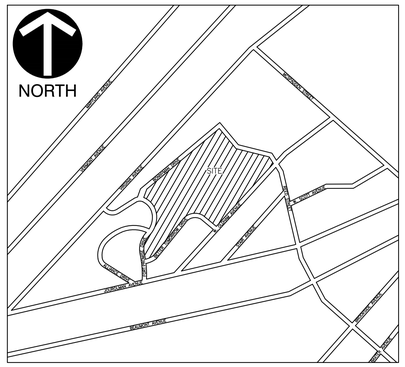

NORTH

LEGEND

- EXISTING PROPERTY LINE
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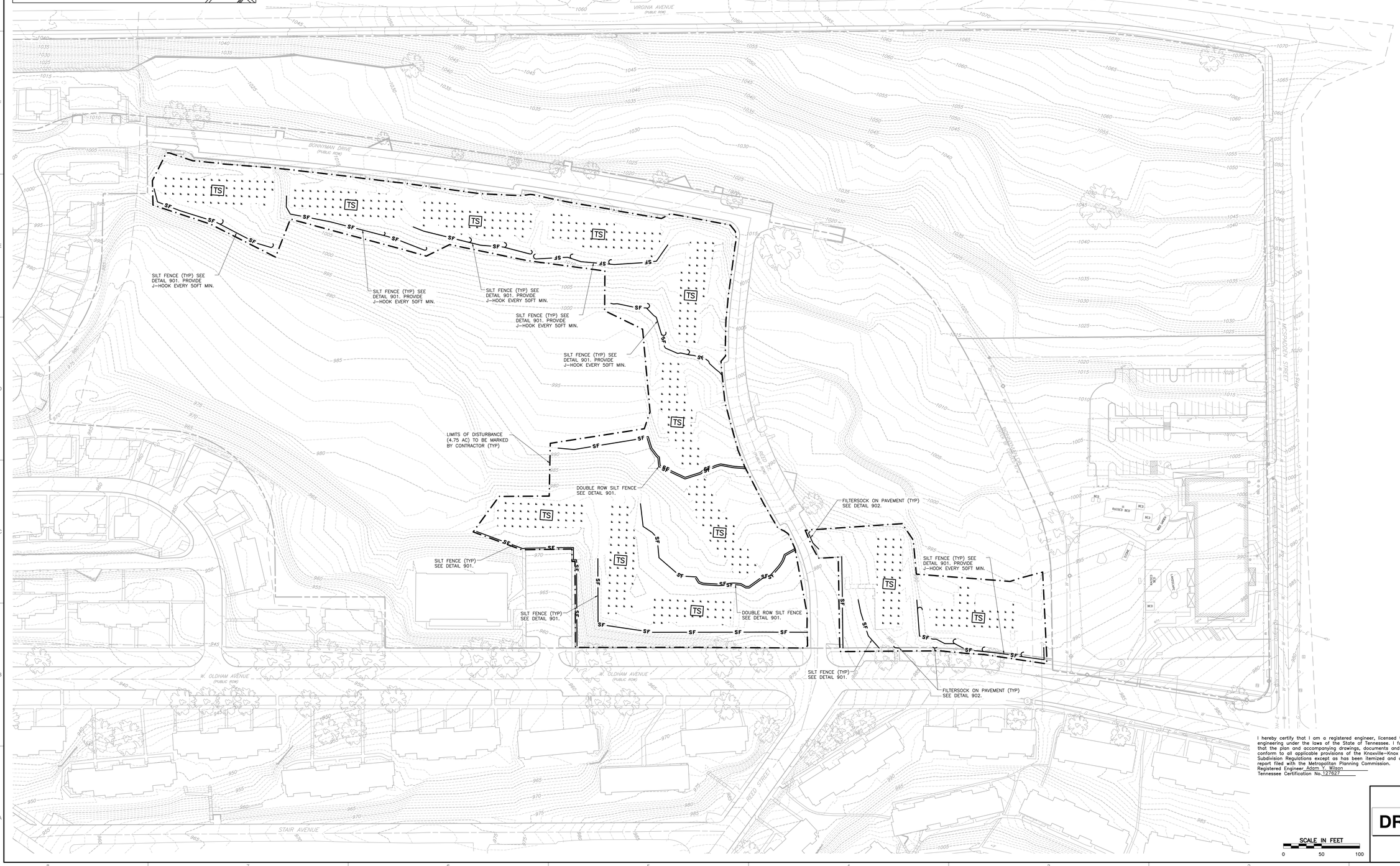
- TREE TO BE REMOVED
- PROPOSED LIMITS OF DISTURBANCE
- SF PROPOSED SILT FENCE
- FS PROPOSED FILTER SOCK
- TS PROPOSED TEMPORARY SEEDING



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KNOXVILLE COMMUNITY DEVELOPMENT CORPORATION (KCDC)
WESTERN HEIGHTS PHASE 2 INFRASTRUCTURE DEMOLITION
KNOXVILLE TN, 37921

FINAL EPSC PLAN

DATE:	DECEMBER 2023
DRAWN BY:	ESS
DWG SCALE:	SEE PLAN
CHECKED BY:	AYW
PROJECT NO:	333-385
APPROVED BY:	DRAFT

DRAWING NO.:
C901

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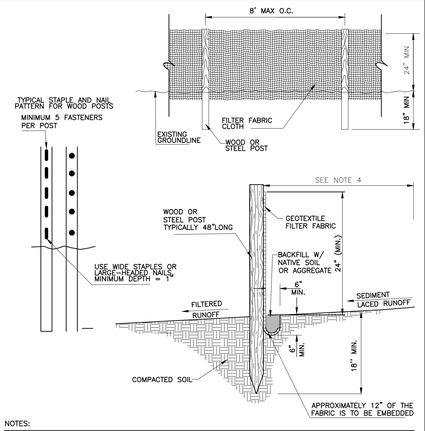
EROSION AND SEDIMENT CONTROL NOTES:

1. A SPECIFIC INDIVIDUAL SHALL BE DESIGNATED TO BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS ON PROJECT SITE. THIS INDIVIDUAL MUST HAVE COMPLETED THE "FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL" COURSE OR AN EQUIVALENT COURSE.
2. REFER TO THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK FOR DESIGN CRITERIA AND GUIDELINES FOR EROSION CONTROL MEASURES.
3. CLEARING AND GRUBBING MUST BE HELD TO THE MINIMUM NECESSARY FOR GRADING AND EQUIPMENT OPERATION.
4. CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF CLEARED SURFACE AREA.
5. CONSTRUCTION STAGING AND PHASING IS CRITICAL TO REDUCING SEDIMENT RUNOFF FROM SITE.
6. EROSION CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN, AND MUST BE PROPERLY CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
7. ALL EROSION CONTROL MEASURES SHALL BE CHECKED TWICE WEEKLY AND AFTER EACH RAINFALL. CHECK DAILY DURING PROLONGED RAINFALL.
8. CONSTRUCTION DEBRIS MUST BE KEPT FROM ENTERING THE STORM MANAGEMENT SYSTEM.
9. STOCKPILED SOIL SHALL BE PROTECTED AND LOCATED FAR ENOUGH FROM STREAMS AND DRAINAGEWAYS SO THAT RUNOFF CANNOT CARRY SEDIMENT DOWNSTREAM.
10. VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 10 CALENDAR DAYS PRIOR TO GRADING.
11. TEMPORARY SOIL STABILIZATION WITH APPROPRIATE ANNUAL VEGETATION IS REQUIRED WHEN GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS AND ON SOIL STOCKPILES.
12. PERMANENT SOIL STABILIZATION WITH PERENNIAL VEGETATION IS REQUIRED WHEN GRADING OPERATIONS ARE COMPLETE AND/OR CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. CONTRACTOR SHALL INSPECT THE SITE PERIODICALLY TO REPAIR AND RE-ESTABLISH VEGETATION TO DAMAGED AREAS.
13. STAKED AND ENTRENCHED SILT FENCE MUST BE INSTALLED ALONG THE BASE OF ALL FILLS AND CUTS, ON THE DOWNHILL SIDES OF STOCKPILED SOIL, AND ALONG STREAM BANKS IN CLEARED AREAS TO PREVENT EROSION INTO STREAMS. SILT FENCE MAY BE REMOVED AT THE BEGINNING OF THE WORK DAY, BUT MUST BE REPLACED AT THE END OF THE WORK DAY OR PRIOR TO FORECASTING RAIN EVENTS.
14. WHERE APPROPRIATE, SURFACE WATER FLOWING TOWARD CONSTRUCTION AREA SHALL BE DIVERTED AROUND THE CONSTRUCTION AREA USING DIKES, TO REDUCE EROSION POTENTIAL.
15. ALL ROCK SHALL BE CLEAN, HARD ROCK CONTAINING NO SAND, DUST, OR ORGANIC MATERIAL.
16. CONTRACTOR SHALL MAINTAIN SILT FENCES AND OTHER EROSION CONTROL DEVICES FOR THE DURATION OF THE PROJECT, TO ENSURE EFFECTIVENESS, UNTIL ACCEPTED BY THE OWNER, AT NO ADDITIONAL EXPENSE TO THE OWNER. IF CONSTRUCTION ACTIVITIES CEASE DUE TO WEATHER RELATED CAUSES, THEN THE CONTRACTOR WILL ENSURE THAT THE SITE IS PROPERLY STABILIZED AND ALL EROSION CONTROL DEVICES ARE MAINTAINED AND FUNCTIONAL DURING THOSE PERIODS OF INACTIVITY.
17. CONSTRUCTION EXIT – CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION EXIT PRIOR TO ANY EARTHWORK OPERATIONS. CONSTRUCTION EXIT SHALL LOCATED AS SHOWN. CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD TO PUBLIC RIGHTS-OF-WAYS. ALL MATERIAL SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES OR SITE ONTO ADJACENT ROADWAYS SHALL BE REMOVED IMMEDIATELY FROM THE ROADWAY.
18. CONTRACTOR IS RESPONSIBLE FOR CLEANING OUT AND PROPER DISPOSAL OF ALL DEBRIS WITHIN THE STORM DRAINAGE STRUCTURES, INCLUDING SILT FROM FLUMES, PIPES, ECT., PRIOR TO COMPLETION OF THE PROJECT.
19. MEASURES SHOWN FOR SEDIMENT AND EROSION CONTROL REPRESENT THE MINIMUM ANTICIPATED. ADDITIONAL PROTECTION SHALL BE PROVIDED AS NECESSARY THAT WILL PREVENT SEDIMENT FROM LEAVING THE SITE DUE TO UNFORESEEN CONDITIONS OR ACCIDENTS.
20. THE GRADING CONTRACTOR AND BUILDING CONTRACTOR WILL REFRAIN FROM DOING ANY WORK OUTSIDE OF THE DELINEATED LIMITS OF DISTURBANCE.
21. ROADS SHALL BE STABILIZED BY APPLYING STONE ONCE SUBGRADE ELEVATION IS ACHIEVED.
22. ALL SILT FENCE IS TO BE TYPE A EXCEPT WHERE SPECIFIED DIFFERENTLY.
23. EROSION CONTROL MATTING TO BE JUTE MESH(OR APPROVED EQUAL) AND INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

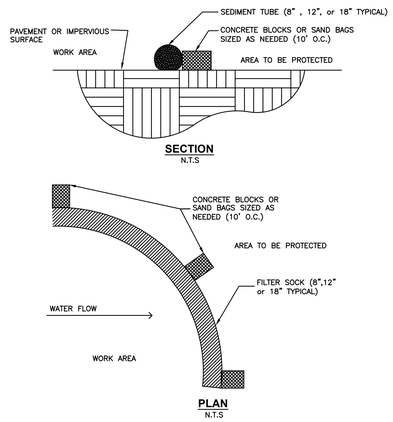
DETAIL 900
EPSC GENERAL NOTES
N.T.S.



NOTES:

1. FILTER CLOTH SHALL MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATION FOR GEOTEXTILES AASHTO DESIGNATION: M288, SEDIMENT CONTROL, SELF SUPPORTED.
2. WOOD POSTS ARE TYPICALLY 2"X2" OAK AND OTHER HARD WOODS. A LARGER POST IS NECESSARY FOR SOFT WOODS (4"X4").
3. FASTENERS FOR WOOD POSTS SHOULD BE EITHER WIRE STAPLES OR NAILS. THERE SHALL BE A MINIMUM OF 5 FASTENERS FOR EACH WOOD POST. USE MINIMUM SIZE 17-GAUGE STAPLES WITH A MINIMUM EMBEDDED LENGTH OF 1 INCH INTO THE WOOD AND A MINIMUM WIDTH OF 3/4 INCH ACROSS. TYPICAL NAIL SIZE IS 1 INCH LONG WITH OVERSIZED NAIL HEAD. FABRIC SHALL NOT BE ATTACHED TO EXISTING TREES.
4. PLACE SILT FENCE AT LEAST 5 TO 7 FEET AWAY FROM STEEP OR LONG SLOPES TO IMPOUND STORMWATER RUNOFF.

DETAIL 901
SILT FENCE
N.T.S.



NOTES:

1. ALL MATERIAL TO MEET TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION SPECIFICATIONS.
2. FILTER MEDIA TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

DETAIL 902
FILTER SOCK ON PAVEMENT
N.T.S.

PERMANENT SEEDING MIXTURES

SEEDING DATES	GRASS SEED	PERCENTAGES
FEBRUARY 1 TO JULY 1	KENTUCKY 31 FESCUE	88%
	ENGLISH RYE	12%
JUNE 1 TO AUGUST 15	KENTUCKY 31 FESCUE	60%
	ENGLISH RYE	25%
	GERMAN MILLET	15%
AUGUST 1 TO DECEMBER 1	KENTUCKY 31 FESCUE	70%
	ENGLISH RYE	20%
	WHITE CLOVER	10%
DECEMBER 1 TO FEBRUARY 1	KENTUCKY 31 FESCUE	83%
	ENGLISH RYE	17%

SOURCE TDOT STANDARDS SPECIFICATIONS

TEMPORARY SEEDING MIXTURES

SEEDING DATES	GRASS SEED	PERCENTAGES
JANUARY 1 TO MAY 1	ITALIAN RYE	50%
	SUMMER OATS	50%
MAY 1 TO JULY 15	SUDAN-SORGHURM	100%
MAY 1 TO JULY 15	STARR MILLET	100%
JULY 15 TO JANUARY 1	BALBOA RYE	67%
	ITALIAN RYE	33%

SOURCE TDOT STANDARDS SPECIFICATIONS

DETAIL 903
SEEDING CHART
N.T.S.

REVISION RECORD

NO.	DATE	DESCRIPTION

Civil & Environmental Consultants, Inc.
2704 Cherokee Farm Way Suite 101 · Knoxville, TN 37920
Ph: 865.977.9997 · Fax: 865.977.9919
www.cecinc.com

KNOXVILLE COMMUNITY DEVELOPMENT CORPORATION (KCDC)
WESTERN HEIGHTS PHASE 2 INFRASTRUCTURE DEMOLITION
KNOXVILLE TN, 37921

EPSC PLAN DETAILS

DATE:	DECEMBER 2023
DWG SCALE:	SEE PLAN
PROJECT NO:	333-365
DRAWN BY:	ESS
CHECKED BY:	AYW
APPROVED BY:	DRAFT

DRAFT

DRAWING NO.:
C903

P:\330-000\333-365\-CADD\Dwg\DRWG\333365-CVD1-CVD2-EPSC DETAILS.dwg(C903) 12/12/2023 - estevens - LP: 12/06/2023 2:03 PM