

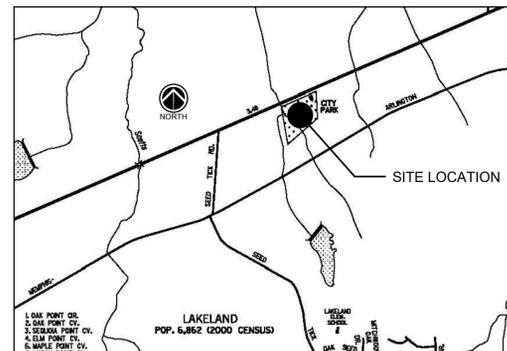
# FINAL CONSTRUCTION PLANS

## NOVEMBER 2022

# EXTERIOR ADA IMPROVEMENTS

## LAKELAND CITY HALL

### 10001 US-70, LAKELAND, TENNESSEE 38002



VICINITY MAP  
N.T.S

ENGINEER:

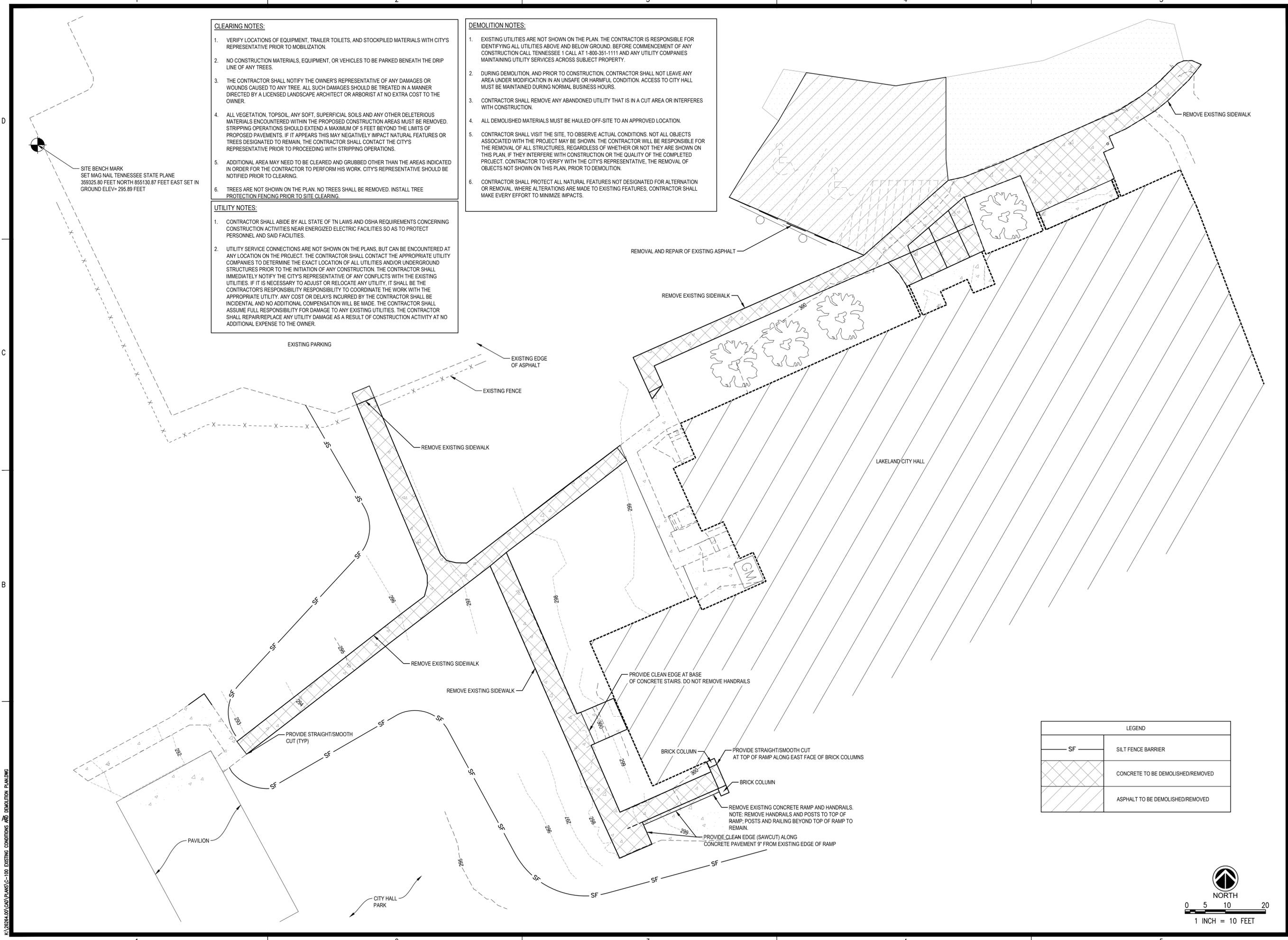


THE PLANS, IDEAS AND DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF PICKERING FIRM, INC. DEvised SOLELY FOR THIS CONTRACT. THIS PLAN SHALL NOT BE USED, WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH IT WAS NOT INTENDED WITHOUT THE WRITTEN PERMISSION FROM PICKERING FIRM, INC.

- CLEARING NOTES:**
1. VERIFY LOCATIONS OF EQUIPMENT, TRAILER TOILETS, AND STOCKPILED MATERIALS WITH CITY'S REPRESENTATIVE PRIOR TO MOBILIZATION.
  2. NO CONSTRUCTION MATERIALS, EQUIPMENT, OR VEHICLES TO BE PARKED BENEATH THE DRIP LINE OF ANY TREES.
  3. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DAMAGES OR WOUNDS CAUSED TO ANY TREE. ALL SUCH DAMAGES SHOULD BE TREATED IN A MANNER DIRECTED BY A LICENSED LANDSCAPE ARCHITECT OR ARBORIST AT NO EXTRA COST TO THE OWNER.
  4. ALL VEGETATION, TOPSOIL, ANY SOFT, SUPERFICIAL SOILS AND ANY OTHER DELETERIOUS MATERIALS ENCOUNTERED WITHIN THE PROPOSED CONSTRUCTION AREAS MUST BE REMOVED. STRIPPING OPERATIONS SHOULD EXTEND A MAXIMUM OF 5 FEET BEYOND THE LIMITS OF PROPOSED PAVEMENTS. IF IT APPEARS THIS MAY NEGATIVELY IMPACT NATURAL FEATURES OR TREES DESIGNATED TO REMAIN, THE CONTRACTOR SHALL CONTACT THE CITY'S REPRESENTATIVE PRIOR TO PROCEEDING WITH STRIPPING OPERATIONS.
  5. ADDITIONAL AREA MAY NEED TO BE CLEARED AND GRUBBED OTHER THAN THE AREAS INDICATED IN ORDER FOR THE CONTRACTOR TO PERFORM HIS WORK. CITY'S REPRESENTATIVE SHOULD BE NOTIFIED PRIOR TO CLEARING.
  6. TREES ARE NOT SHOWN ON THE PLAN. NO TREES SHALL BE REMOVED. INSTALL TREE PROTECTION FENCING PRIOR TO SITE CLEARING.

- UTILITY NOTES:**
1. CONTRACTOR SHALL ABIDE BY ALL STATE OF TN LAWS AND OSHA REQUIREMENTS CONCERNING CONSTRUCTION ACTIVITIES NEAR ENERGIZED ELECTRIC FACILITIES SO AS TO PROTECT PERSONNEL AND SAID FACILITIES.
  2. UTILITY SERVICE CONNECTIONS ARE NOT SHOWN ON THE PLANS, BUT CAN BE ENCOUNTERED AT ANY LOCATION ON THE PROJECT. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND/OR UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY'S REPRESENTATIVE OF ANY CONFLICTS WITH THE EXISTING UTILITIES. IF IT IS NECESSARY TO ADJUST OR RELOCATE ANY UTILITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE WORK WITH THE APPROPRIATE UTILITY. ANY COST OR DELAYS INCURRED BY THE CONTRACTOR SHALL BE INCIDENTAL AND NO ADDITIONAL COMPENSATION WILL BE MADE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY EXISTING UTILITIES. THE CONTRACTOR SHALL REPAIR/REPLACE ANY UTILITY DAMAGE AS A RESULT OF CONSTRUCTION ACTIVITY AT NO ADDITIONAL EXPENSE TO THE OWNER.

- DEMOLITION NOTES:**
1. EXISTING UTILITIES ARE NOT SHOWN ON THE PLAN. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL UTILITIES ABOVE AND BELOW GROUND. BEFORE COMMENCEMENT OF ANY CONSTRUCTION CALL TENNESSEE 1 CALL AT 1-800-351-1111 AND ANY UTILITY COMPANIES MAINTAINING UTILITY SERVICES ACROSS SUBJECT PROPERTY.
  2. DURING DEMOLITION, AND PRIOR TO CONSTRUCTION, CONTRACTOR SHALL NOT LEAVE ANY AREA UNDER MODIFICATION IN AN UNSAFE OR HARMFUL CONDITION. ACCESS TO CITY HALL MUST BE MAINTAINED DURING NORMAL BUSINESS HOURS.
  3. CONTRACTOR SHALL REMOVE ANY ABANDONED UTILITY THAT IS IN A CUT AREA OR INTERFERES WITH CONSTRUCTION.
  4. ALL DEMOLISHED MATERIALS MUST BE HAULED OFF-SITE TO AN APPROVED LOCATION.
  5. CONTRACTOR SHALL VISIT THE SITE, TO OBSERVE ACTUAL CONDITIONS. NOT ALL OBJECTS ASSOCIATED WITH THE PROJECT MAY BE SHOWN. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF ALL STRUCTURES, REGARDLESS OF WHETHER OR NOT THEY ARE SHOWN ON THIS PLAN, IF THEY INTERFERE WITH CONSTRUCTION OR THE QUALITY OF THE COMPLETED PROJECT. CONTRACTOR TO VERIFY WITH THE CITY'S REPRESENTATIVE, THE REMOVAL OF OBJECTS NOT SHOWN ON THIS PLAN, PRIOR TO DEMOLITION.
  6. CONTRACTOR SHALL PROTECT ALL NATURAL FEATURES NOT DESIGNATED FOR ALTERNATION OR REMOVAL. WHERE ALTERATIONS ARE MADE TO EXISTING FEATURES, CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE IMPACTS.



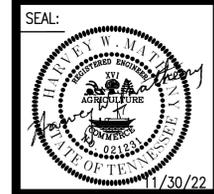
LEGEND	
SF	SILT FENCE BARRIER
[Cross-hatched pattern]	CONCRETE TO BE DEMOLISHED/REMOVED
[Diagonal line pattern]	ASPHALT TO BE DEMOLISHED/REMOVED

REVISIONS:


PROJECT #: 26264.00  
 DATE: JUNE 2022  
 DRAWN BY: RTG  
 DESIGNER: RTG  
 CHECKED BY: HWM



**CITY HALL - EXTERIOR ADA IMPROVEMENTS**  
**10001 U.S. HIGHWAY 70**  
**LAKELAND, TN 38002**



SHEET NUMBER:  
**C-100**

DESCRIPTION:  
 EXISTING CONDITIONS AND DEMOLITION PLAN

K:\26264.00\CAD PLANS\C-100 EXISTING CONDITIONS AND DEMOLITION PLAN.DWG

**MOTORIZED DOOR CONTROL PAD NOTES:**

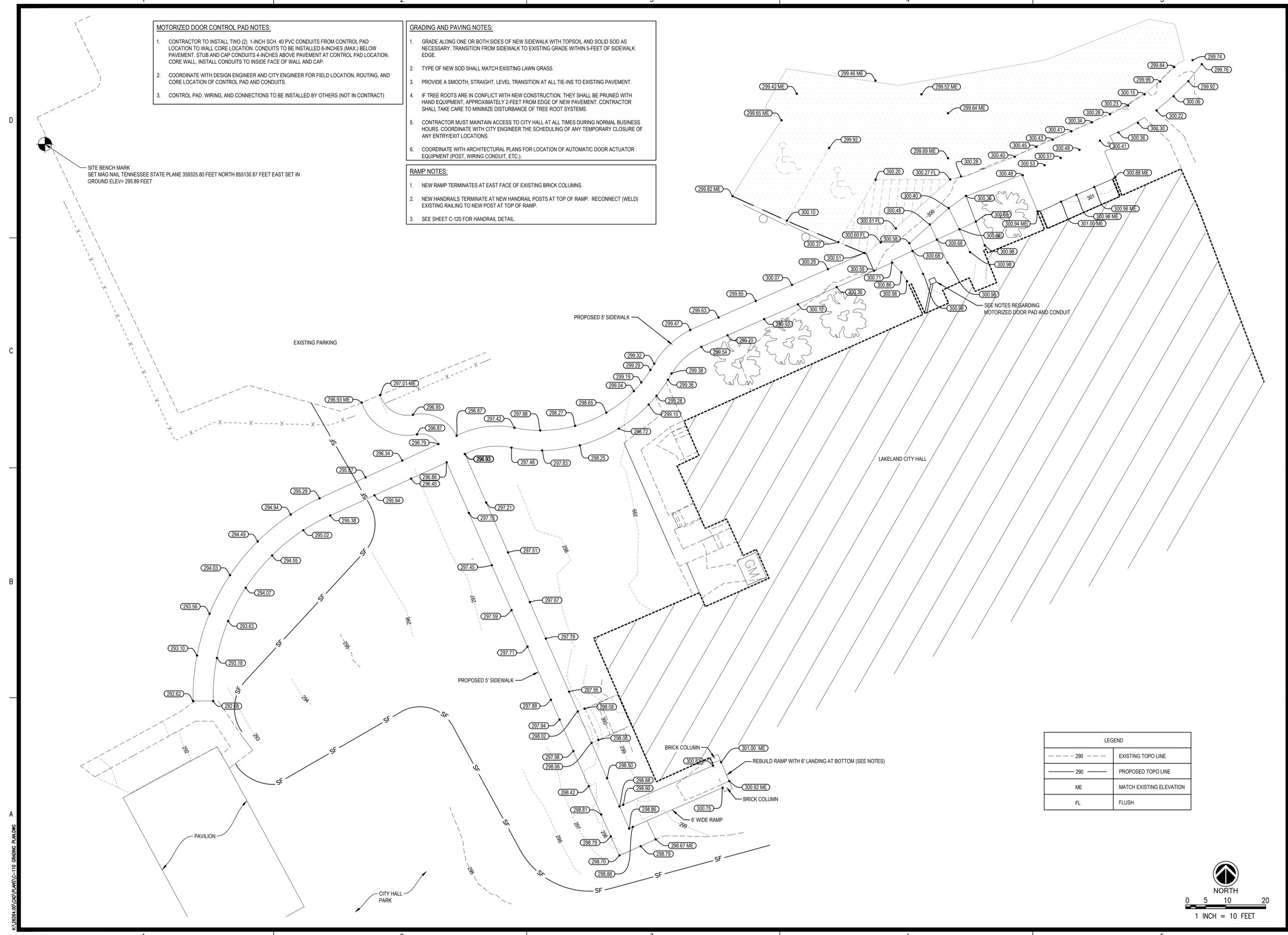
- CONTRACTOR TO INSTALL TWO (2) 1-INCH SCH. 40 PVC CONDUITS FROM CONTROL PAD LOCATION TO WALL CORE LOCATION. CONDUITS TO BE INSTALLED 6-INCHES (MAX.) BELOW PAVEMENT. STUB AND CAP CONDUITS 4-INCHES ABOVE PAVEMENT AT CONTROL PAD LOCATION. CORE WALL, INSTALL CONDUITS TO INSIDE FACE OF WALL AND CAP.
- COORDINATE WITH DESIGN ENGINEER AND CITY ENGINEER FOR FIELD LOCATION, ROUTING, AND CORE LOCATION OF CONTROL PAD AND CONDUITS.
- CONTROL PAD, WIRING, AND CONNECTIONS TO BE INSTALLED BY OTHERS (NOT IN CONTRACT)

**GRADING AND PAVING NOTES:**

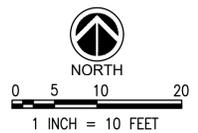
- GRADE ALONG ONE OR BOTH SIDES OF NEW SIDEWALK WITH TOPSOIL AND SOLID SOD AS NECESSARY. TRANSITION FROM SIDEWALK TO EXISTING GRADE WITHIN 5-FEET OF SIDEWALK EDGE.
- TYPE OF NEW SOD SHALL MATCH EXISTING LAWN GRASS.
- PROVIDE A SMOOTH, STRAIGHT, LEVEL TRANSITION AT ALL TIE-INS TO EXISTING PAVEMENT.
- IF TREE ROOTS ARE IN CONFLICT WITH NEW CONSTRUCTION, THEY SHALL BE PRUNED WITH HAND EQUIPMENT, APPROXIMATELY 2-FEET FROM EDGE OF NEW PAVEMENT. CONTRACTOR SHALL TAKE CARE TO MINIMIZE DISTURBANCE OF TREE ROOT SYSTEMS.
- CONTRACTOR MUST MAINTAIN ACCESS TO CITY HALL AT ALL TIMES DURING NORMAL BUSINESS HOURS. COORDINATE WITH CITY ENGINEER THE SCHEDULING OF ANY TEMPORARY CLOSURE OF ANY ENTRY/EXIT LOCATIONS.
- COORDINATE WITH ARCHITECTURAL PLANS FOR LOCATION OF AUTOMATIC DOOR ACTUATOR EQUIPMENT (POST, WIRING CONDUIT, ETC.).

**RAMP NOTES:**

- NEW RAMP TERMINATES AT EAST FACE OF EXISTING BRICK COLUMNS.
- NEW HANDRAILS TERMINATE AT NEW HANDRAIL POSTS AT TOP OF RAMP. RECONNECT (WELD) EXISTING RAILING TO NEW POST AT TOP OF RAMP.
- SEE SHEET C-120 FOR HANDRAIL DETAIL.



LEGEND	
--- 290 ---	EXISTING TOPO LINE
— 290 —	PROPOSED TOPO LINE
ME	MATCH EXISTING ELEVATION
FL	FLUSH



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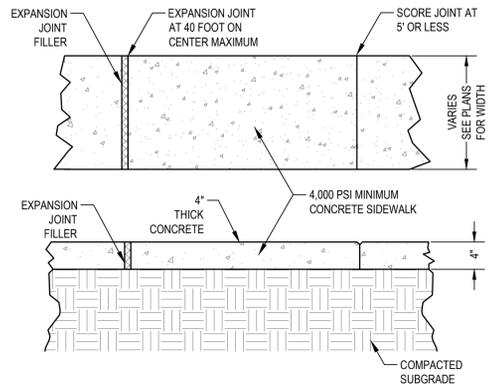
**CITY HALL - EXTERIOR ADA IMPROVEMENTS**  
**10001 U.S. HIGHWAY 70**  
**LAKELAND, TN 38002**



SHEET NUMBER:  
**C-110**

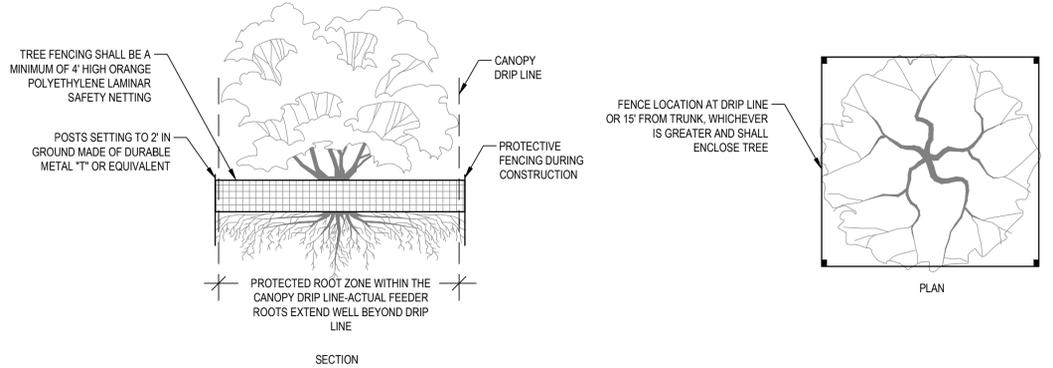
DESCRIPTION:  
 SITE AND GRADING PLAN

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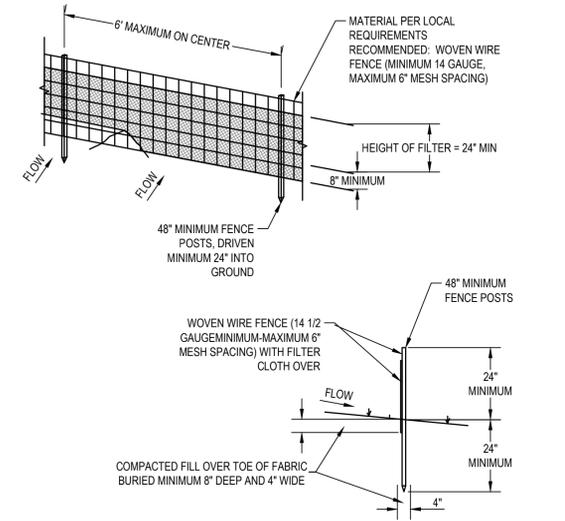


**1 CONCRETE SIDEWALK AND RAMP**  
NOT TO SCALE

CONCRETE RAMP NOTE:  
EXPANSION JOINT REQUIRED AT TOP AND BOTTOM OF RAMP. SCORE JOINTS REQUIRED AT 5' SPACING (MAX.).

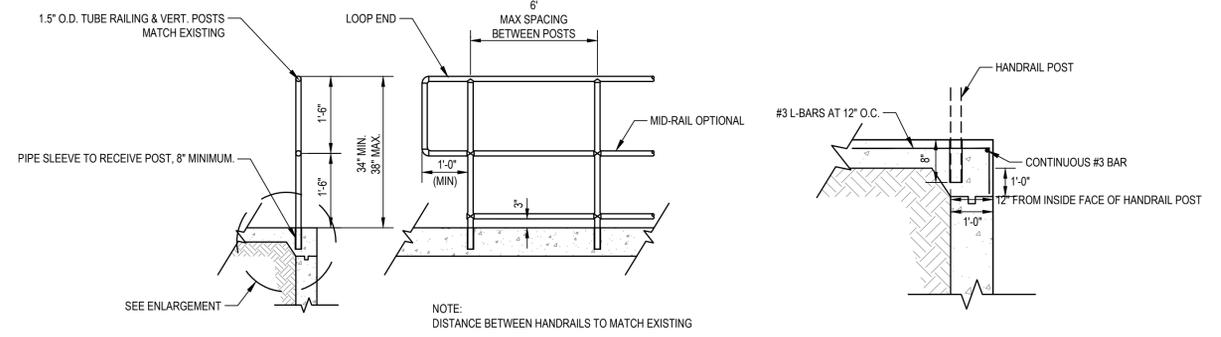


**3 TREE PROTECTION DETAIL**  
NOT TO SCALE

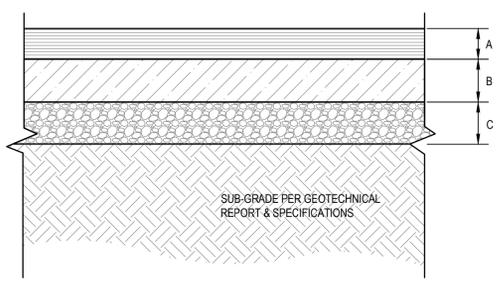


**2 SILT FENCE EROSION PROTECTION**  
NOT TO SCALE

- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. MIN OF 5 FASTENERS.
  - FILTER CLOTH TO BE FASTENED SECURELY TO SILT FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID-SECTION.
  - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY (6) INCHES AND FOLDED.
  - LOCATE POSTS DOWNSLOPE OF FABRIC FOR FENCE SUPPORT.
  - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER "T" OR "U" TYPE  
POSTS: LOCATED MAXIMUM 8' OC  
FENCE: PER LOCAL REQUIREMENTS OR WOVEN WIRE, 14 GA 6" MAX MESH OPENING  
FILTER CLOTH: FILTER X, MIRAFI 100X, STABI-LINKA T140N OR APPROVED EQUAL  
PRE-FABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.
6. INDICATED ON EROSION CONTROL PLANS AS " \_\_\_\_\_ SF \_\_\_\_\_ ".



**4 HANDRAIL**  
NOT TO SCALE



- A = 1" ASPHALT CONCRETE WEARING COURSE, TDOT 411, GRADING "E"
- B = 2" ASPHALT CONCRETE BINDER LAYER, TDOT 307, GRADING "B"
- C = 8" CRUSHED AGGREGATE BASE, TDOT 903.05, TYPE A, CLASS A & GRADING D OR SOIL CEMENT, TDOT 304

**6 STANDARD DUTY ASPHALT**  
NOT TO SCALE

- PAVEMENT NOTES**
- SURFACE COURSES, BASE AND SUBGRADE SHALL BE PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS FOR LOCAL SOILS OR DRAINAGE CONDITIONS AND/OR METHODS.
  - SOIL CEMENT
    - SHALL HAVE A SEAL COAT AND COMPRESSIVE STRENGTH NO LESS THAN 300 PSI @ 14 DAYS.
    - THE EXACT COMPRESSIVE STRENGTH AND PERCENTAGES OF THE MIXTURE WILL BE DETERMINED BY AN INDEPENDENT TESTING LABORATORY BASED ON TESTS OF THE IN-PLACE SOIL OR SELECT MATERIAL FOR USE ON THE PROJECT
    - ALL MIXING AND INSTALLATION SHALL BE PER TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, SECTION 304.

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SHEET NUMBER:  
**C-120**

DESCRIPTION:  
SITE DETAILS

K:\26264.00\CAD\PLANS\C-120 SITE DETAILS.DWG