

Westminster Presbyterian Church
0517-0218
12/19/17

GRADING AND EROSION CONTROL NOTES

Prior to grading, contractor shall strip site of all vegetation and topsoil in areas of grading operation. Areas of soft or unsuitable materials shall be removed at the direction of the soils engineer.

The contractor shall maintain positive drainage throughout the site and use all means necessary to prevent sediment from exiting the site.

Staked hay bales and silt fence shall be placed preceding all culvert inlets or other drains and ditches before the runoff exits the project or enters a swale and at other locations designated by the engineer.

Silt fences and other erosion control devices shall be cleaned of accumulated sediment when approximately 50% filled with such sediment.

All dimensions and locations of temporary soil erosion and water pollution control devices shall be subject to adjustments as designated by the engineer.

The contractor shall notify the engineer of any changes in existing topographic features, spot elevations, or utilities shown on survey.

The contractor shall notify the engineer prior to culvert installations to verify inverts.

All graded areas including slopes are to be mulched and seeded as soon as possible after grading is completed.

All grading and drainage ordinances of the City of Knoxville shall be followed.

SEEDING

A. APPLY TEMPORARY SEEDING WHENEVER GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS AND FINAL GRADING OF EXPOSED SURFACES IS TO BE COMPLETED WITHIN ONE YEAR. APPLY TEMPORARY SEEDING TO SOIL STOCKPILES.

B. APPLY PERMANENT SEEDING WHENEVER GRADING OPERATIONS ARE COMPLETED AND ALL CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. APPLY PERMANENT SEEDING TO ALL NON-CONSTRUCTION AREAS WHICH SHOW SIGNS OF EXCESSIVE EROSION.

LANDSCAPING

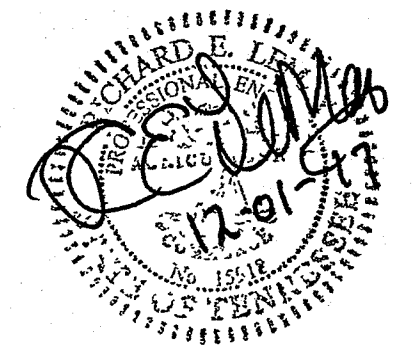
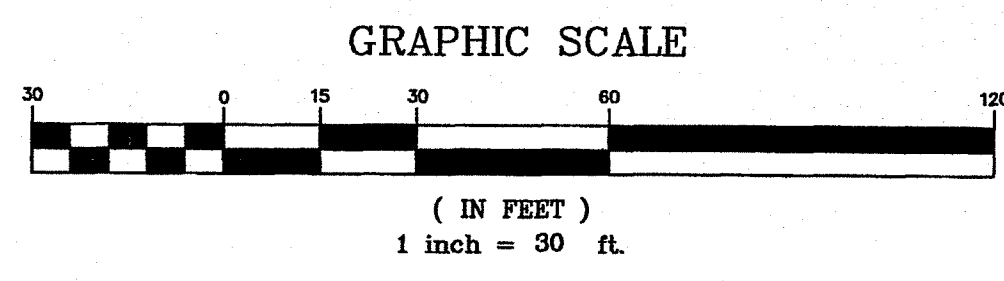
- LANDSCAPING WILL COMPLY WITH ALL ASPECTS OF THE CITY OF KNOXVILLE TREE ORDINANCE.

NOTE:

SITE AREA=7.04 ACRES (306682 SQ FT)
PROPOSED DISTURBED AREA=8312.5 SQ FT (2.7%±)
IMPERVIOUS AREA PRE-1997=1.75 ACRES (76385 SQ FT) BASED ON AVAILABLE INFORMATION
EXISTING IMPERVIOUS AREA=1.99 ACRES (86838 SQ FT) (28.31%) (2016)
IMPERVIOUS AREA ADDED SINCE 1997=10,453 SQ FT
PROPOSED IMPERVIOUS AREA THIS SUBMISSION=1747 SQ FT (0.57%±)

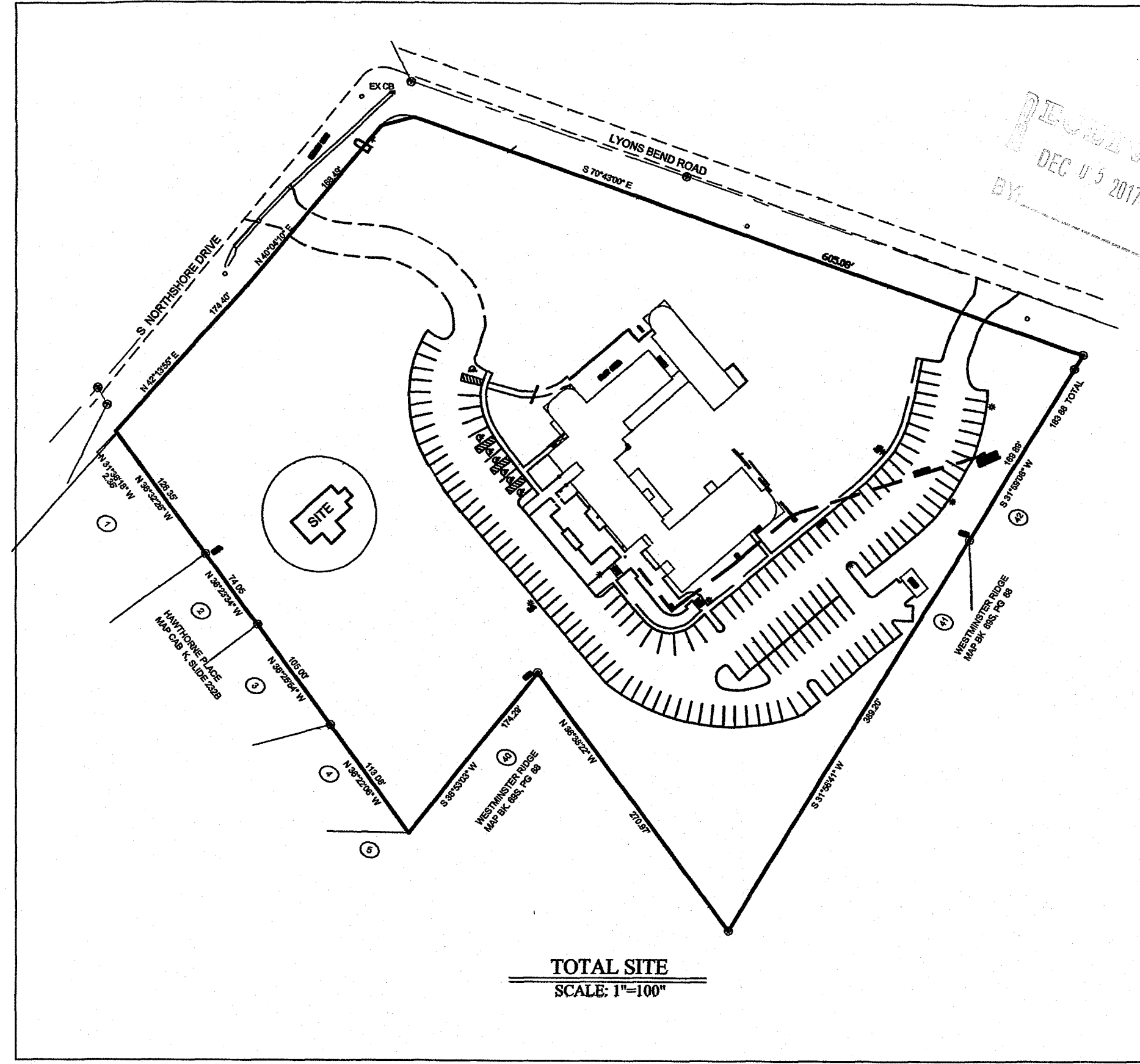
SITE NOTE

- CORNER MONUMENTS AS SHOWN HEREON
- VERIFY EXACT SIZE, DEPTH AND LOCATION OF ALL UNDERGROUND
- 10' UTILITY AND DRAINAGE EASEMENT INSIDE ALL EXTERIOR BOUNDARY LINES AND ALONG ROAD RIGHTS-OF-WAY, 5' EACH SIDE ALL INTERIOR LOT LINES.
- DEED BOOK: 2103 PAGE 689
- PLAT BOOK: Q-98-A
- PROPERTY PARCEL ID: 121 OB 022
- PROPERTY ZONED: A-1
- PROPERTY SUBJECT TO ALL APPLICABLE EASEMENTS, SETBACKS AND RESTRICTIONS OF RECORD.
- BEARINGS SHOWN HEREON ARE MAGNETIC AND NOT RELATED TO U.S.G.S. DATUM.
- TOTAL LOTS: 1
- TOTAL AREA: 7.04 ACRES



**LeMAY AND ASSOCIATES
CONSULTING ENGINEERS**

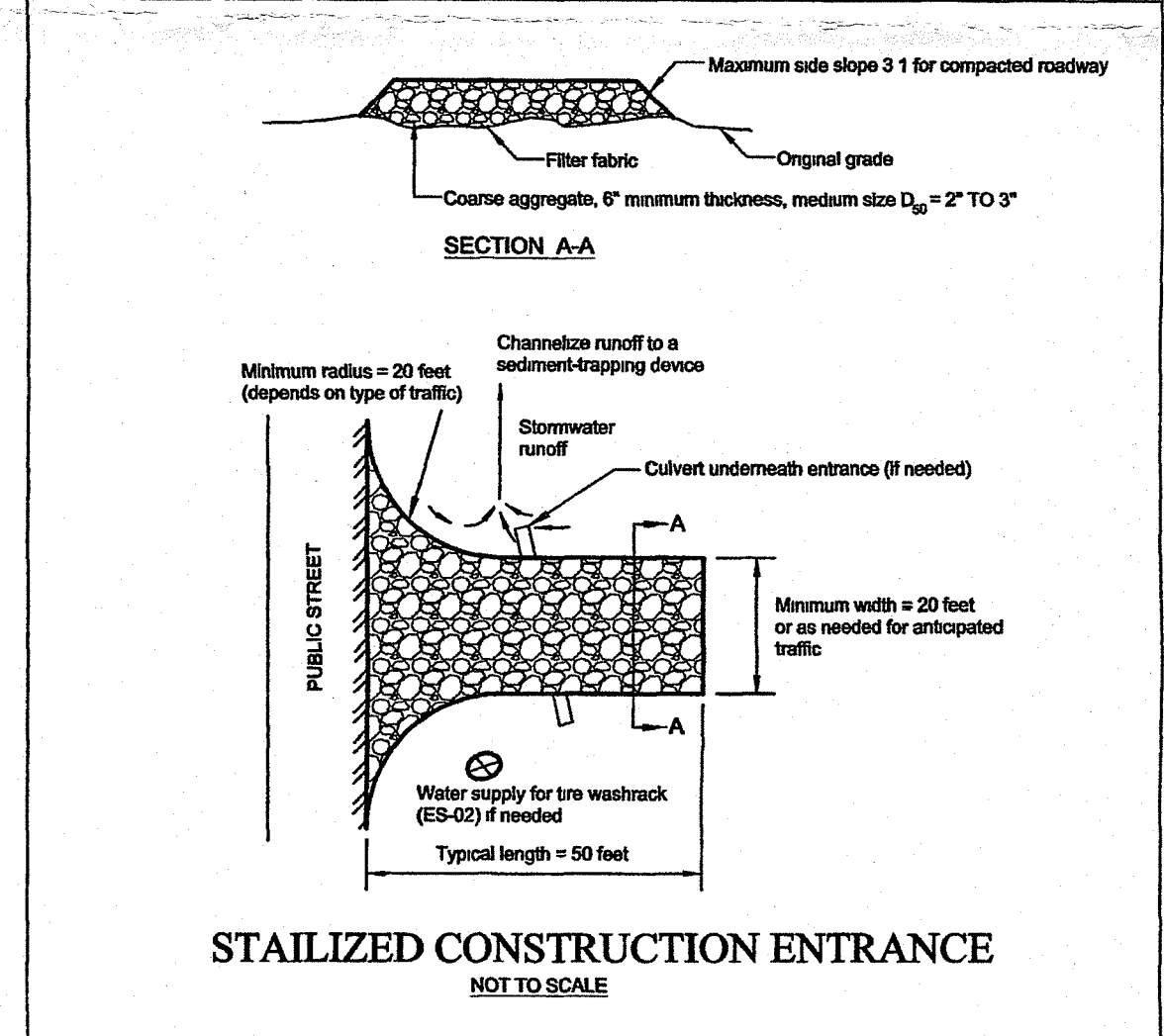
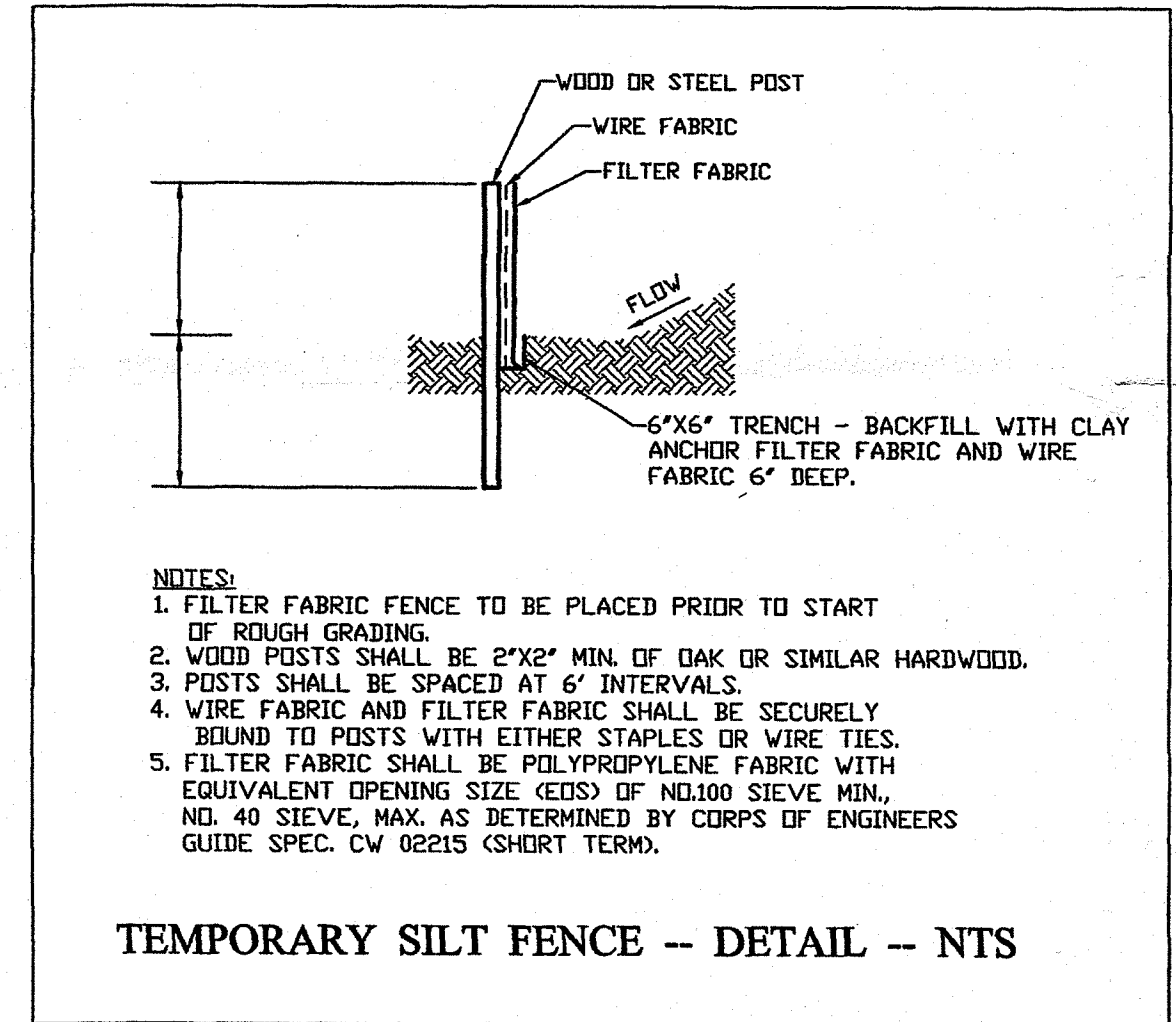
PH: 865-671-0183 FAX: 865-671-0213
10816 KINGSTON PIKE
KNOXVILLE, TENNESSEE 37922



- LEGEND**
- SMH SANITARY SEWER MANHOLE
 - RMH PHONE MANHOLE
 - WMH WATER MANHOLE
 - SDH STORM DRAIN MANHOLE
 - CB CATCH BASIN
 - SP SERVICE POLE
 - PL POWER POLE
 - GW GUY WIRE
 - FH FIRE HYDRANT
 - IV IRRIGATION VALVE
 - MW MONITOR WELL
 - WM WATER METER
 - LS LIGHT STANDARD
 - CO CLEANOUT
 - EB ELECTRIC BOX
 - SP STAND PIPE
 - GM GAS METER
 - FL FLOOD LIGHT
 - IRON (O) IRON ROD (OLD)
 - IRON (N) IRON ROD (NEW)
 - CMP CORRUGATED METAL PIPE
 - RCP REINFORCED CONCRETE PIPE
 - W- WATERLINE
 - G- GAS LINE
 - OE- OVERHEAD ELECTRIC
 - UE- UNDERGROUND ELECTRIC
 - OP OVERHEAD PHONE LINE
 - UP UNDERGROUND PHONE LINE
 - OU OVERHEAD UTILITY LINE
 - UU UNDERGROUND UTILITY LINE
 - ND NATURAL DRAINAGE

SITE UTILITIES

SANITARY SEWER : KUB
WATER : KUB
ELECTRIC : KUB
GAS : KUB
TELEPHONE : BELLSOUTH
CABLE : COMCAST



**CITY OF KNOXVILLE
DEPARTMENT OF ENGINEERING
APPROVED**

PERMIT # DSD17-0278 DATE: 12-14-17

BY: [Signature]

☒ GRADING ☐ ROUGH GRADING
☒ DRAINAGE ☐ FARMING & ACCESS
☒ GROUNDWATER SEWAGE ☐ FLOODPLAIN
☐ OTHER

Adequate to show that the proposed work complies with the applicable codes and standards of the City of Knoxville. The Engineer is not responsible for the accuracy of the information provided by the applicant or for the results of the work if it is not done in accordance with the approved plans and specifications.

SITE GRADING AND DRAINAGE PLAN SHEET 1 OF 1

**PROPOSED PAVILION
WESTMINSTER PRESBYTERIAN CHURCH**

SITE ADDRESS: 6500 S NORTHSHORE DRIVE * CITY BLK 51610 * PARCEL ID: 121 OB 022
DISTRICT 6 * WARD 51 * CITY OF KNOXVILLE * KNOX COUNTY, TENNESSEE

DRAWN BY REL Jr	APPROVED BY REL	DATE 05-19-2017	REVISIONS 10-19-2017 12-01-2017	SCALE 1" = 20'	DRAWING NUMBER 5651
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OWNER

WESTMINSTER PRESBYTERIAN CHURCH
6500 S NORTHSHORE DRIVE
KNOXVILLE, TN. 37919
865-584-3957

The Ruthie Carey Pavilion

Westminster Presbyterian Church

5-C-18-UR