

**811**  
Know what's below.  
Call before you dig.

GRAPHIC SCALE - 1 INCH = 20 FEET  
TN STATE PLANE (NAD 83, NAVD 88)

**PAVING LEGEND:**

- HEAVY DUTY ASPHALT PAVEMENT SECTION (BID ALTERNATE - HEAVY DUTY CONCRETE SECTION)
- LIGHT DUTY ASPHALT PAVEMENT SECTION (BID ALTERNATE - LIGHT DUTY CONCRETE SECTION)
- HEAVY DUTY CONCRETE PAVEMENT SECTION (TANK/CANOPY SLABS) (REF. GALLOWAY PLANS)
- HEAVY DUTY CONCRETE PAVEMENT DUMPSTER PAD SECTION (BID ALTERNATE) (BASE BID - HEAVY DUTY ASPHALT)

**NOTE:**  
REF. C-0.2 FOR ADDITIONAL NOTES.

- CONTRACTOR KEY NOTES:**
- EXISTING CONCRETE CURB TO REMAIN
  - EXISTING STRIPING TO REMAIN
  - PROPOSED BOLLARD (REF. GALLOWAY PLANS)
  - INSTALL CONCRETE CURB AND GUTTER (REF. C-6.1). CURB AND GUTTER WITHIN THE RIGHT-OF-WAY TO MEET TDOT DETAIL RP-VC-10 (REF. C-6.3)
  - REF. GALLOWAY PLANS FOR STRIPING AROUND KIOSKS
  - FUEL CENTER KIOSK (REF. FUEL CENTER ARCHITECTURAL PLANS)
  - INDICATES NUMBER OF PARKING SPACES PER PARKING BAY
  - 4" WIDE PAINTED SINGLE SOLID WHITE LINE (SSWL) (TYP)
  - 24" WHITE PAINTED STOP BAR AND "STOP" (REF. C-6.2)
  - 4" WIDE PAINTED SINGLE SOLID YELLOW LINE (SSYL) (TYP)
  - WHITE PAINTED DIRECTIONAL ARROWS
  - 4" WIDE PAINTED SINGLE SOLID YELLOW STRIPES (SSYL), 2' O.C. @45°
  - 4" WIDE PAINTED SINGLE SOLID YELLOW STRIPES (SSYL), 4' O.C. @45°
  - 4" WIDE PAINTED SINGLE SOLID WHITE STRIPES (SSWL), 5' O.C. @45°
  - PAINTED WHITE INTERNATIONAL SYMBOL OF ACCESSIBILITY & PAINTED "VAN" WHERE APPLICABLE (WHITE LETTERS)
  - VAN ACCESSIBLE ADA PARKING SIGN (REF. C-6.1)
  - UNDERGROUND FUEL STORAGE TANKS (10K DIESEL/8K EIO/20K EIO REGULAR/ 8K EIO PREMIUM) PER TANK DRAWINGS (EXCAVATED MATERIAL FOR TANKS TO BE DISPOSED OF BY FUEL CONTRACTOR)
  - FUEL DISPENSER ISLANDS AND DISPENSERS (PER GALLOWAY PLANS), (DISPENSER ISLAND ELEVATIONS PER SHEET C-3.1)
  - OVERHEAD CANOPY AND ASSOCIATED COLUMNS (REF. FASHION PLANS)
  - INVERTED U-SHAPED BOLLARD (REF. GALLOWAY PLANS)
  - AIR COMPRESSOR MOUNTING PAD, SLOPE CONCRETE PAD FOR POSITIVE DRAINAGE (REF. GALLOWAY PLANS)
  - VENT RISER FROM FUEL TANKS W/ PROTECTIVE BOLLARDS (REF. GALLOWAY PLANS)
  - 2' CHAMFER
  - FULL DEPTH HEAVY DUTY ASPHALT PAVEMENT SECTION (BID ALTERNATE - HEAVY DUTY CONCRETE SECTION)
  - HEAVY DUTY CONCRETE PAVEMENT SECTION (CANOPY / TANK SLABS) (REF. GALLOWAY PLANS)
  - LIGHT DUTY ASPHALT PAVEMENT SECTION (BID ALTERNATE - LIGHT DUTY CONCRETE SECTION)
  - HEAVY DUTY CONCRETE PAVEMENT DUMPSTER PAD SECTION (BID ALTERNATE) (BASE BID - HEAVY DUTY ASPHALT)
  - PROPOSED DUMPSTER ENCLOSURE (BID ALTERNATE) (REF. GALLOWAY PLANS)
  - SIGN TO READ "SPACE RESERVED FOR AIR ACCESS ONLY" (REF. C-6.1)
  - INSTALL 6" Ø CONCRETE FILLED, SCHEDULE 40 STEEL PIPE BOLLARD (REF. C-6.2)
  - SAW CUT LINE OF EXISTING PAVEMENT
  - PROPANE CYLINDER PAD AND LOCKER
  - OVERFILL ALARM
  - 4" WIDE THERMOPLASTIC PAINTED SINGLE SOLID WHITE STRIPES (SSWL), WITH REFLECTIVE GLASS BEADS, 5' O.C. @45°
  - PROPOSED MONUMENT SIGN
  - INSTALL CONCRETE PINNED MOUNTABLE CURB (REF. C-6.3)



File No.: **10-B-20-SU**

These plans have not been reviewed by Planning Staff and may not be finalized.

Revised: 9/21/2020



3310 West End Avenue, Suite 420  
Nashville, TN 37203  
T 615.333.7200  
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ISSUE	DATE
BID SET	06/15/2020
REV/SION #4	07/22/2020
REV/SION #5	09/21/2020

**KROGER STORE U-698 FUEL CENTER**  
5201 N BROADWAY  
KNOXVILLE, TN 37918

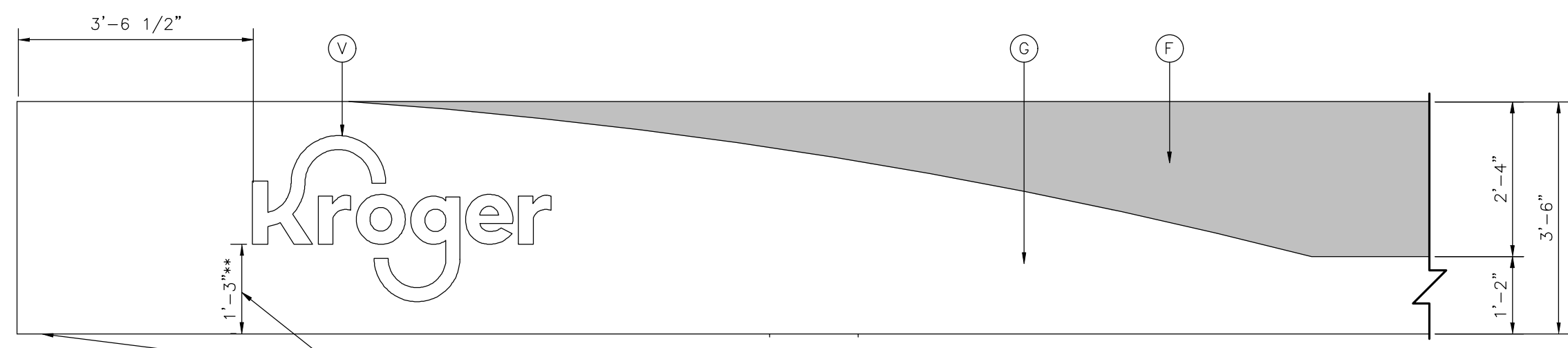
**GMC PROJECT #CNAS190111**



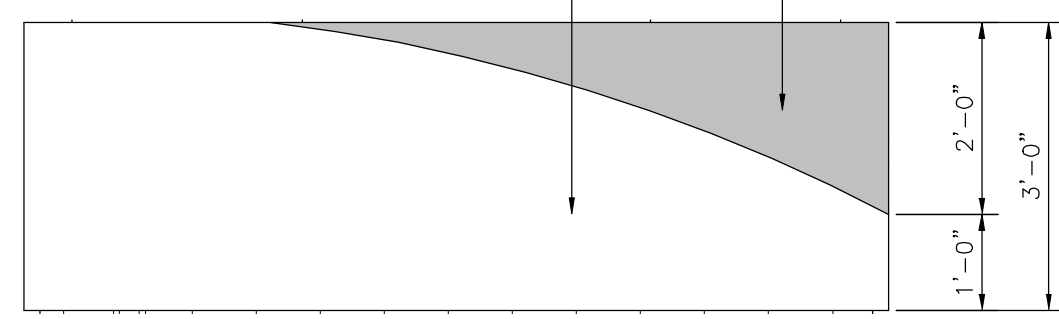
SITE PLAN

**C-2.1**

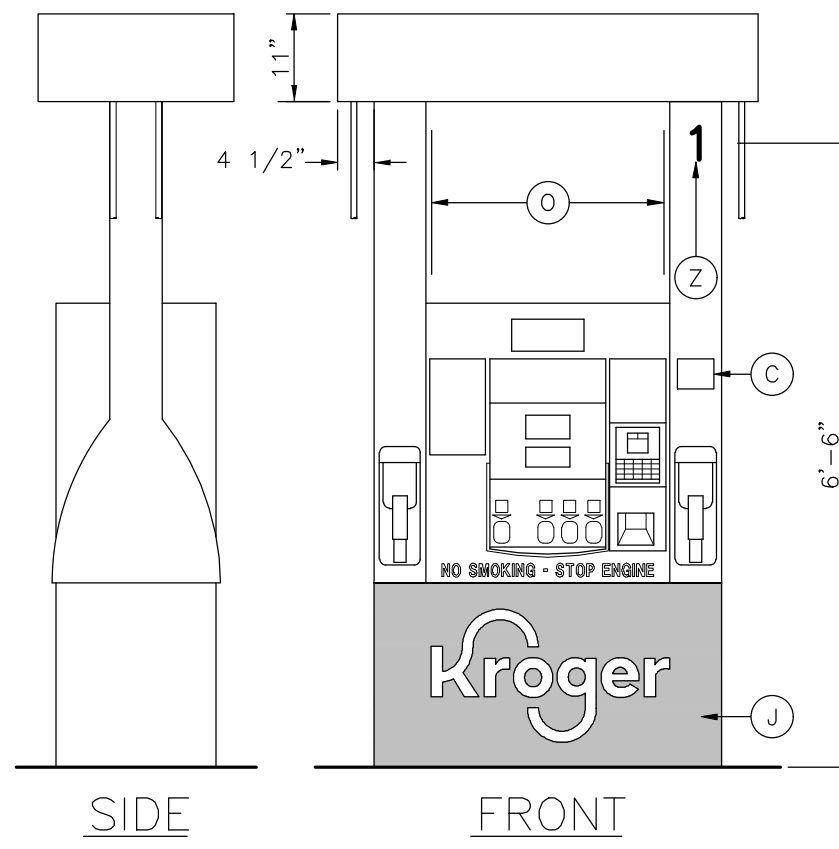
DRAWING FILE: S:\Kroger\10-B-20-SU\10-B-20-SU.dwg PLOTTED: Sep 18, 2020 - 1:31pm



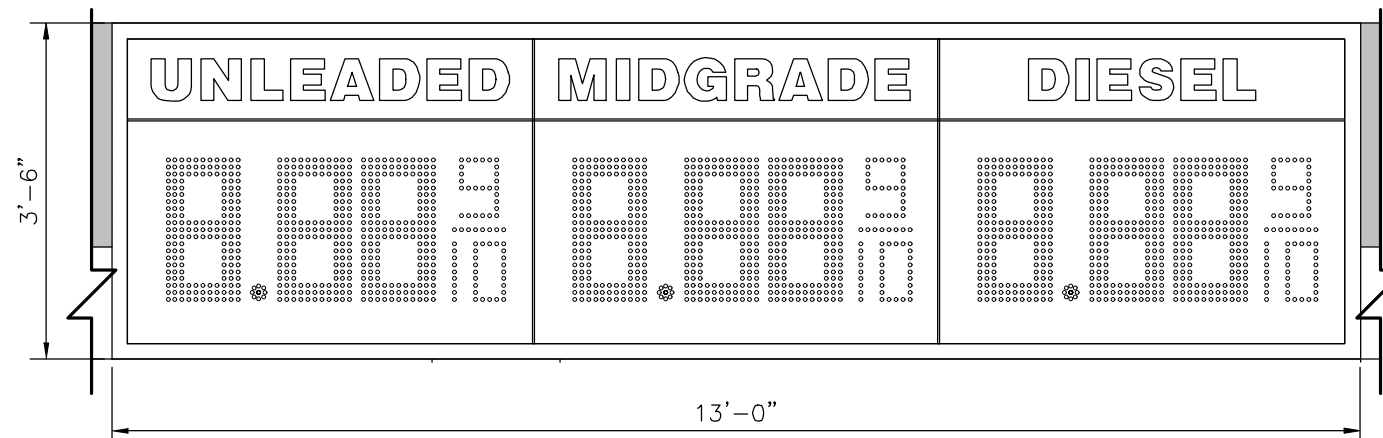
**1 CANOPY GRAPHICS**  
SCALE: 1/2"=1'-0"



**2 KIOSK GRAPHICS**  
SCALE: 1/2"=1'-0"



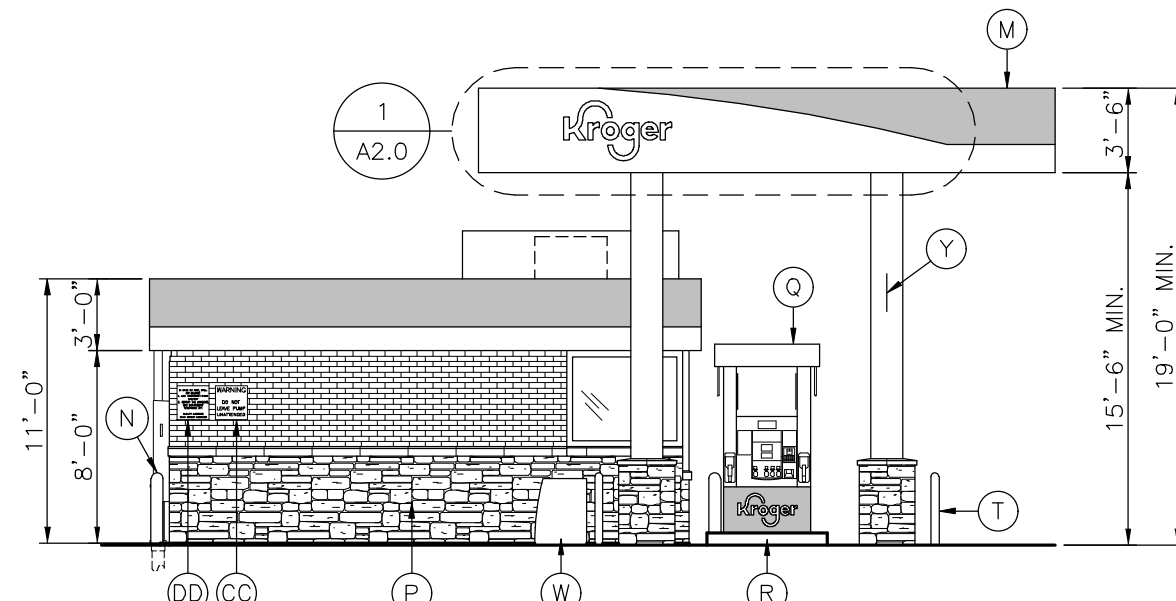
**7 DISPENSER ELEVATION**  
SCALE: 1/2"=1'-0"



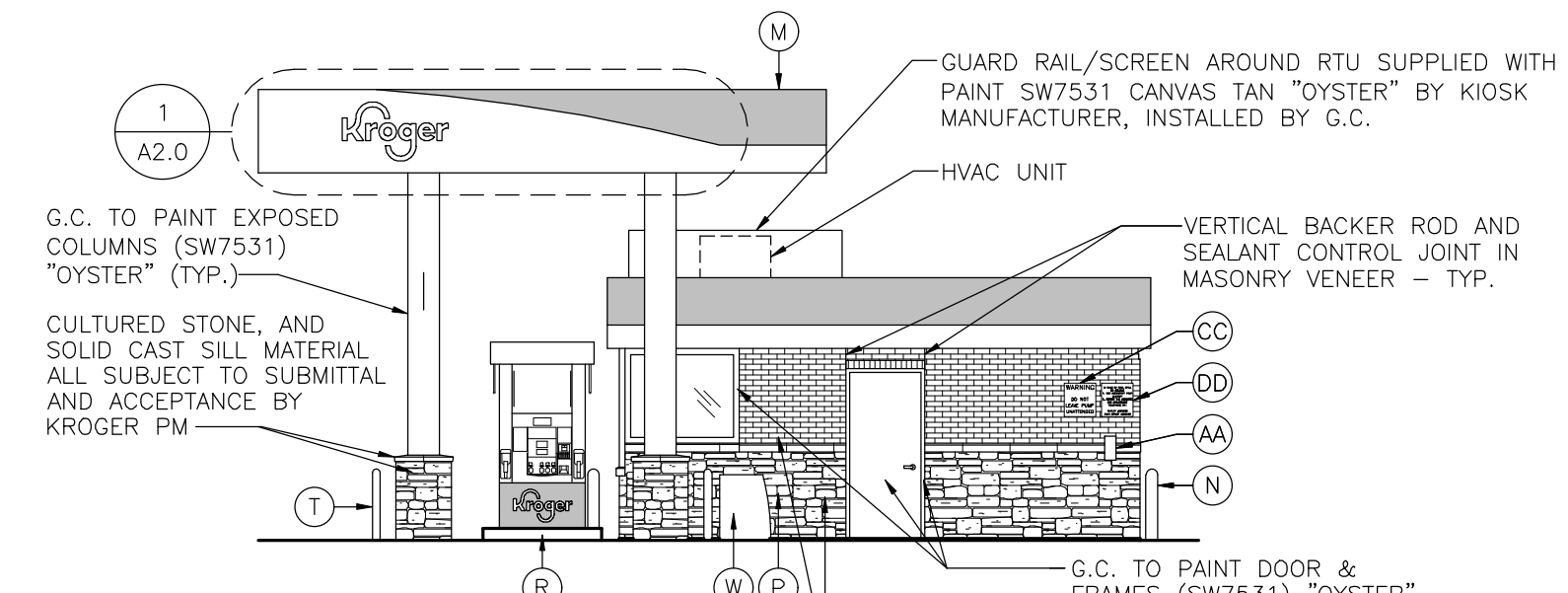
**8 CANOPY PRICE SIGN GRAPHICS**  
SCALE: 1/2"=1'-0"

CONTRACTOR SHALL SUBMIT: MASONRY, MORTAR, MASONRY VENEER TIES, HORIZONTAL MASONRY VENEER REINFORCING AND PAINT SAMPLES TO OWNER'S CONSTRUCTION REPRESENTATIVE FOR APPROVAL PRIOR TO ORDERING MATERIALS. SOLID 'L' CORNERS OR PISTOL CUT CORNERS SHALL BE USED AT ALL OUTSIDE CORNERS OF MASONRY VENEER.

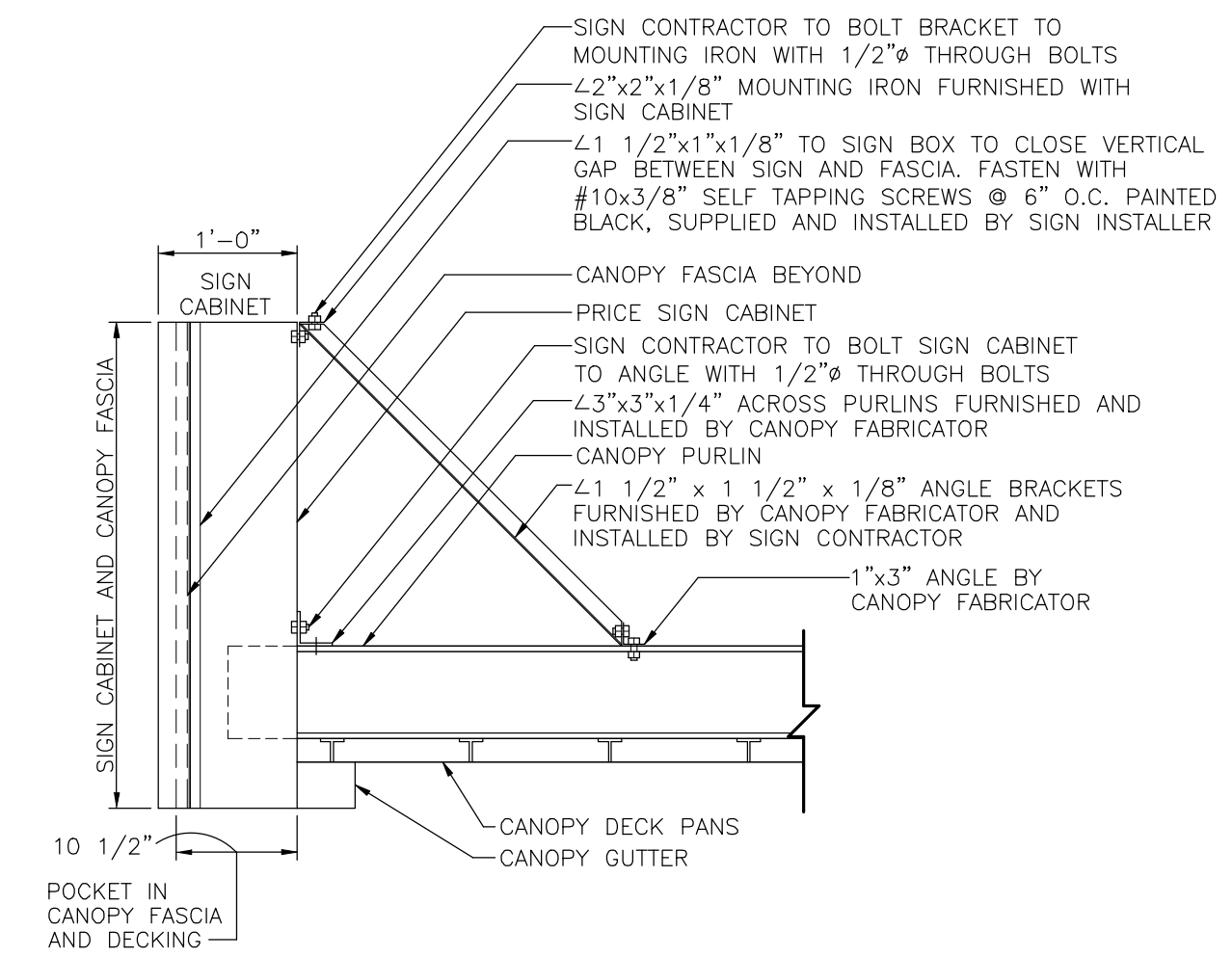
ITEM	DESCRIPTION	COLOR	MANUFACTURER	MODEL	FURNISHED BY	INSTALLED BY
A	INTERNALLY ILLUMINATED IDENTIFICATION SIGN		CUMMINGS SIGNS		OWNER	SIGN INSTALLER
B	LED PRICE SIGN AND CONTROL ANTENNA, SEE DETAIL 10, THIS SHEET		LANDMARK SIGN ALLIANCE		OWNER	SIGN INSTALLER
C	STATIC WARNING DECAL		WAYNE		DISPENSER MANUFACTURER	DISPENSER MANUFACTURER
D	NOT USED					
E	MASONRY BASE BY G.C.				OWNER	GENERAL CONTRACTOR
F	CANOPY FASCIA	SANDSTONE			CANOPY FABRICATOR	CANOPY FABRICATOR
G	CANOPY FASCIA	OYSTER			CANOPY FABRICATOR	CANOPY FABRICATOR
H	NOT USED					
I	PRE-CUT BLACK VINYL ADDRESS DECALS PER LOCAL AUTHORITY SPECIFICATIONS, IF REQUIRED				GENERAL CONTRACTOR	GENERAL CONTRACTOR
J	DISPENSER DOOR GRAPHICS	RED WITH WHITE LETTERS	WAYNE		DISPENSER MANUFACTURER	DISPENSER MANUFACTURER
K	KIOSK FASCIA	SANDSTONE			KIOSK FABRICATOR	KIOSK FABRICATOR
L	KIOSK FASCIA	OYSTER			KIOSK FABRICATOR	KIOSK FABRICATOR
M	CANOPY				CANOPY FABRICATOR	CANOPY FABRICATOR
N	6" DIAMETER BOLLARD - G.C. TO PAINT	SAFETY RED			GENERAL CONTRACTOR	GENERAL CONTRACTOR
O	HEALTH AND SAFETY DECALS		WAYNE		DISPENSER MANUFACTURER	GENERAL CONTRACTOR
P	KIOSK - PREFABRICATED SEE DRAWINGS FOR ADDITIONAL WORK BY G.C.				KIOSK FABRICATOR	GENERAL CONTRACTOR
Q	DISPENSER		WAYNE		OWNER	GENERAL CONTRACTOR
R	ISLAND FORMS		RIVERSIDE		OWNER	GENERAL CONTRACTOR
S	CANOPY COLUMNS - G.C. TO PAINT EXPOSED PORTIONS SEE DRAWINGS FOR ADDITIONAL WORK BY G.C.	SW7531 CANVAS TAN "OYSTER"			CANOPY FABRICATOR	CANOPY FABRICATOR
T	STAINLESS STEEL TRAFFIC U PIPE GUARD		RIVERSIDE		OWNER	GENERAL CONTRACTOR
U	LED PRICE SIGN AND CONTROL ANTENNA, SEE DETAIL 8, THIS SHEET		LANDMARK SIGN ALLIANCE		OWNER	SIGN INSTALLER
V	ILLUMINATED CHANNEL LETTERS		CUMMINGS SIGNS		OWNER	SIGN INSTALLER
W	WASTE RECEPTACLE/WINDSHIELD SERVICE CENTER		DCI MARKETING		OWNER	GENERAL CONTRACTOR
X	NOT USED					
Y	PUMP NUMBER FLAG				CANOPY FABRICATOR	GENERAL CONTRACTOR
Z	4" BLACK VINYL DECAL (DISPENSER NUMBER)				OWNER	GENERAL CONTRACTOR
AA	CALL BOX				OWNER	GENERAL CONTRACTOR
BB	EMERGENCY FUEL SHUTDOWN SIGN		REFER TO A3.1: DETAIL 1		GENERAL CONTRACTOR	GENERAL CONTRACTOR
CC	UNATTENDED WARNING SIGN		REFER TO A3.1: DETAIL 2		GENERAL CONTRACTOR	GENERAL CONTRACTOR
DD	EMERGENCY INSTRUCTION SIGN		REFER TO A3.1: DETAIL 3		GENERAL CONTRACTOR	GENERAL CONTRACTOR



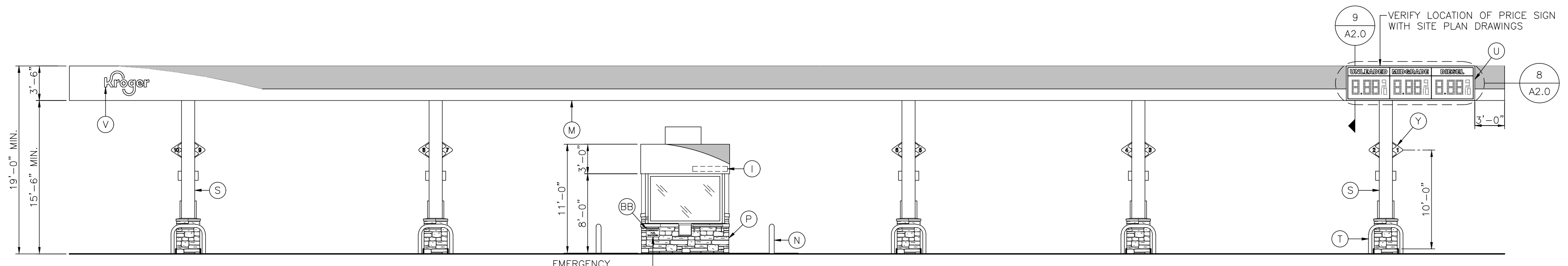
**3 LEFT ELEVATION**  
SCALE: 1/8"=1'-0"



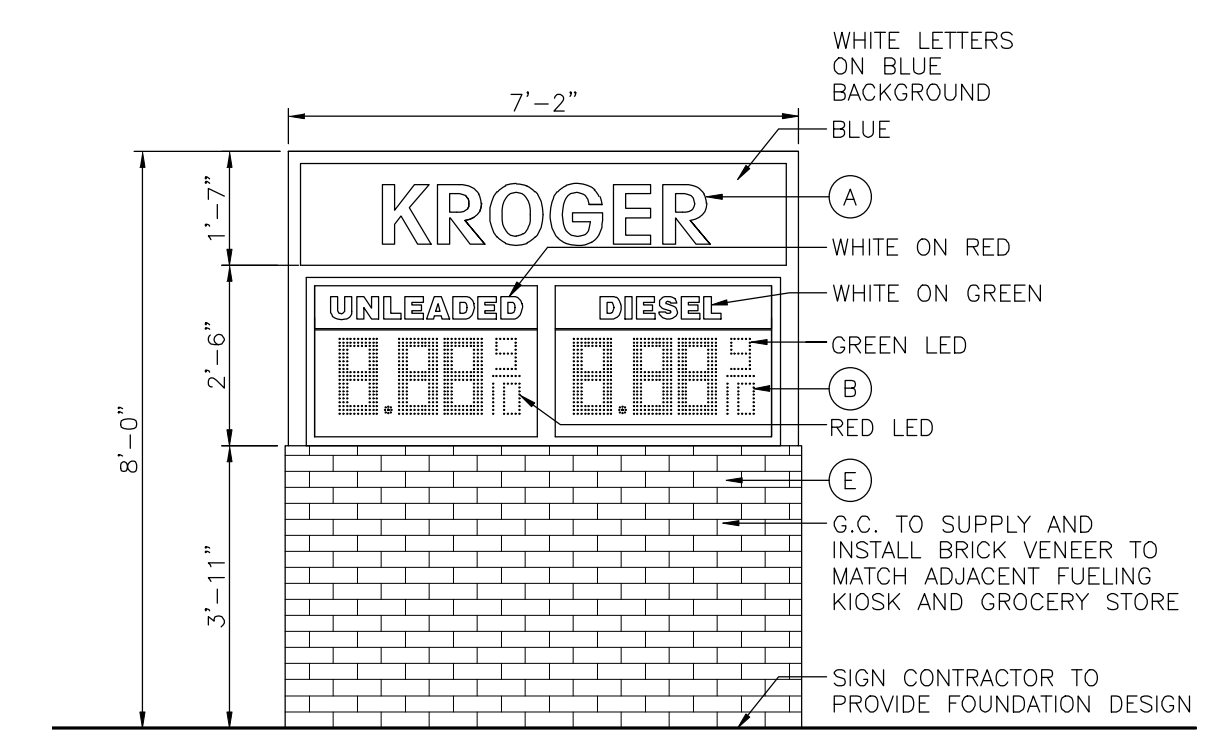
**4 RIGHT ELEVATION**  
SCALE: 1/8"=1'-0"



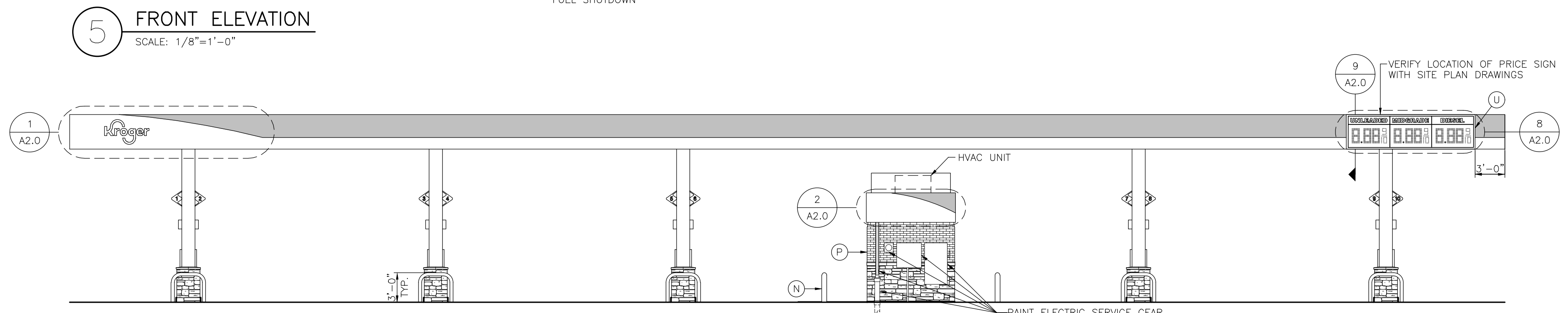
**9 SECTION AT CANOPY SIGN**  
NOT TO SCALE



**5 FRONT ELEVATION**  
SCALE: 1/8"=1'-0"



**10 ID SIGN GRAPHICS**  
SCALE: 3/8"=1'-0"



**6 REAR ELEVATION**  
SCALE: 1/8"=1'-0"

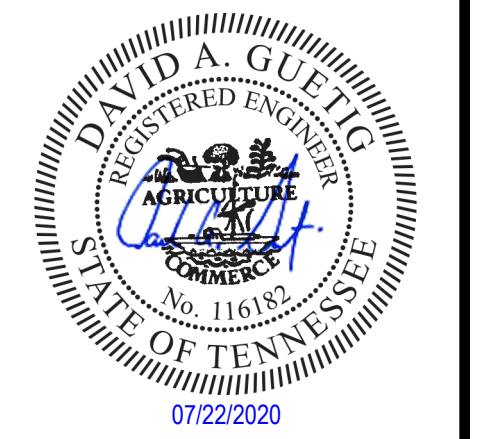
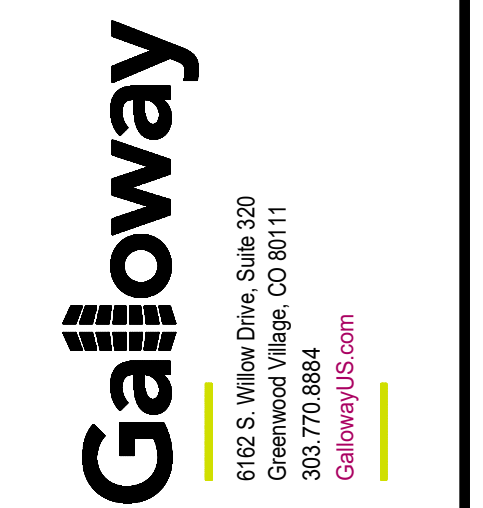


File No.: 10-B-20-SU

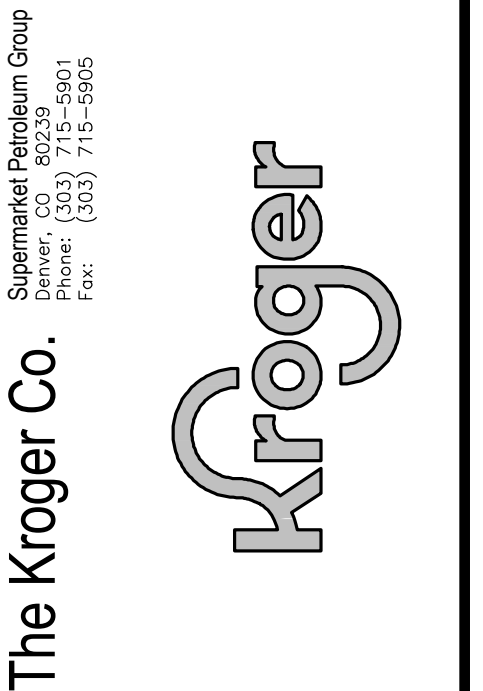
These plans have not been reviewed by Planning Staff and may not be finalized.

Revised: 9/21/2020

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NOTE TO CONTRACTOR:  
THIS SET OF DRAWINGS AND DOCUMENTS IS INTENDED AS A SET OF GUIDELINES FOR THE PROJECT AND ARE INTENDED TO BE USED IN CONJUNCTION WITH A SET OF CONSTRUCTION SPECIFICATIONS TO BE SUPPLIED BY OWNER. THEY MUST BE READ TO INCORPORATE ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES INCLUDING FEDERAL A.D.A. REQUIREMENTS. THIS SET ASSUMES THAT THERE ARE NO UNUSUAL SITE CONDITIONS OR WIND LOADS. THE FAILURE OF THIS CONDITION MAY REQUIRE SIGNIFICANT CHANGES TO THESE DOCUMENTS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CONFORM TO ALL APPLICABLE CODES AND TO INFORM THE OWNERS/ARCHITECTS OF ANY QUESTIONS OR CLARIFICATIONS WHICH ARE DESIRED. CONTRACTORS SHALL ALSO VISIT THE SITE BEFORE BIDDING. CONTRACTORS ARE REQUIRED TO KNOW ALL OBSERVABLE CONDITIONS AND APPLICABLE CODES.



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NO.	DESCRIPTION	DATE

Project #: U-698  
Date: MARCH, 2020  
Scale: FULL  
Disk File: KroU00698\_A2.0-ELEV  
Model: 5x1(GD)1RR Brick  
Address: 5201 N. Broadway St. Knoxville, TN 37918

**EXTERIOR ELEVATIONS & SIGNAGE**

Sheet: A2.0

**TREE PROTECTION NOTES:**

1. THE TREE PROTECTION ZONE IS DETERMINED BY MEASURING ONE FOOT IN RADIUS AWAY FROM THE TRUNK OF THE TREE FOR EVERY ONE INCH IN DIAMETER AT 4.5 FEET IN HEIGHT. NO MORE THAN 10% OF THE TREE PROTECTION ZONE MAY BE DISTURBED WITH FILL OR GRADING WORK. ANY IMPERVIOUS AREA WITHIN THE EXISTING TREE PROTECTION ZONE DOES NOT NEED TO BE INCLUDED IN PRESERVATION MEASURES.
2. WITHIN THE TREE PROTECTION ZONE OF A TREE, THERE MAY BE NO CUT OR FILL MATERIAL UNLESS A CERTIFIED ARBORIST HAS EVALUATED AND DETERMINED THAT THE DISTURBANCE WILL NOT IMPACT THE HEALTH OF THE TREE.
3. PRIOR TO AND DURING CONSTRUCTION, TEMPORARY BARRIERS MUST BE ERECTED AROUND ALL PROTECTED TREES WITH BARRIERS A MINIMUM OF FOUR FEET IN HEIGHT. THERE MAY BE NO STORAGE OR MOVEMENT OF EQUIPMENT, MATERIAL, DEBRIS, OR FILL WITHIN THE FENCED, TREE-PROTECTION ZONE.
4. DURING CONSTRUCTION, THE APPLICANT MUST PREVENT THE CLEANING OF EQUIPMENT OR MATERIAL OR THE STORAGE AND DISPOSAL OF WASTE MATERIAL, SUCH AS PAINTS, OILS, SOLVENTS, ASPHALT, CONCRETE, MOTOR OIL, OR ANY OTHER MATERIAL, POTENTIALLY HARMFUL TO THE TREE WITHIN THE DRIP LINE OF ANY PROTECTED TREE. NOTHING WITHIN THIS SECTION IS INTERPRETED AS AN AUTHORIZATION TO IGNORE OR VIOLATE APPLICABLE FEDERAL OR STATE HAZARDOUS WASTE LAWS.
5. NO DAMAGING ATTACHMENT, WIRES, SIGNS, OR PERMITS MAY BE FASTENED TO ANY PROTECTED TREE.

**TREES INSTALLED IN 2009**

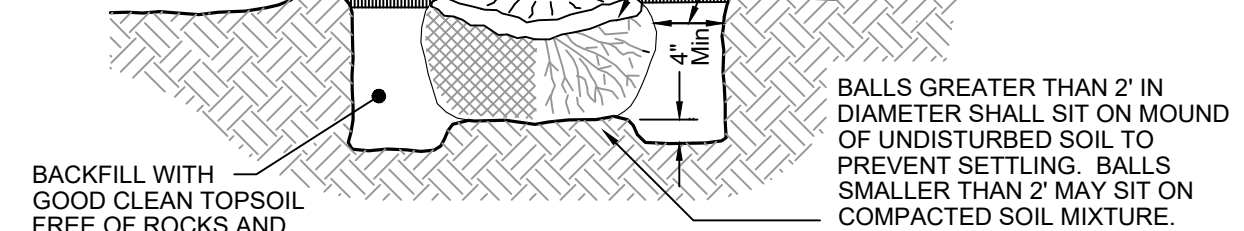
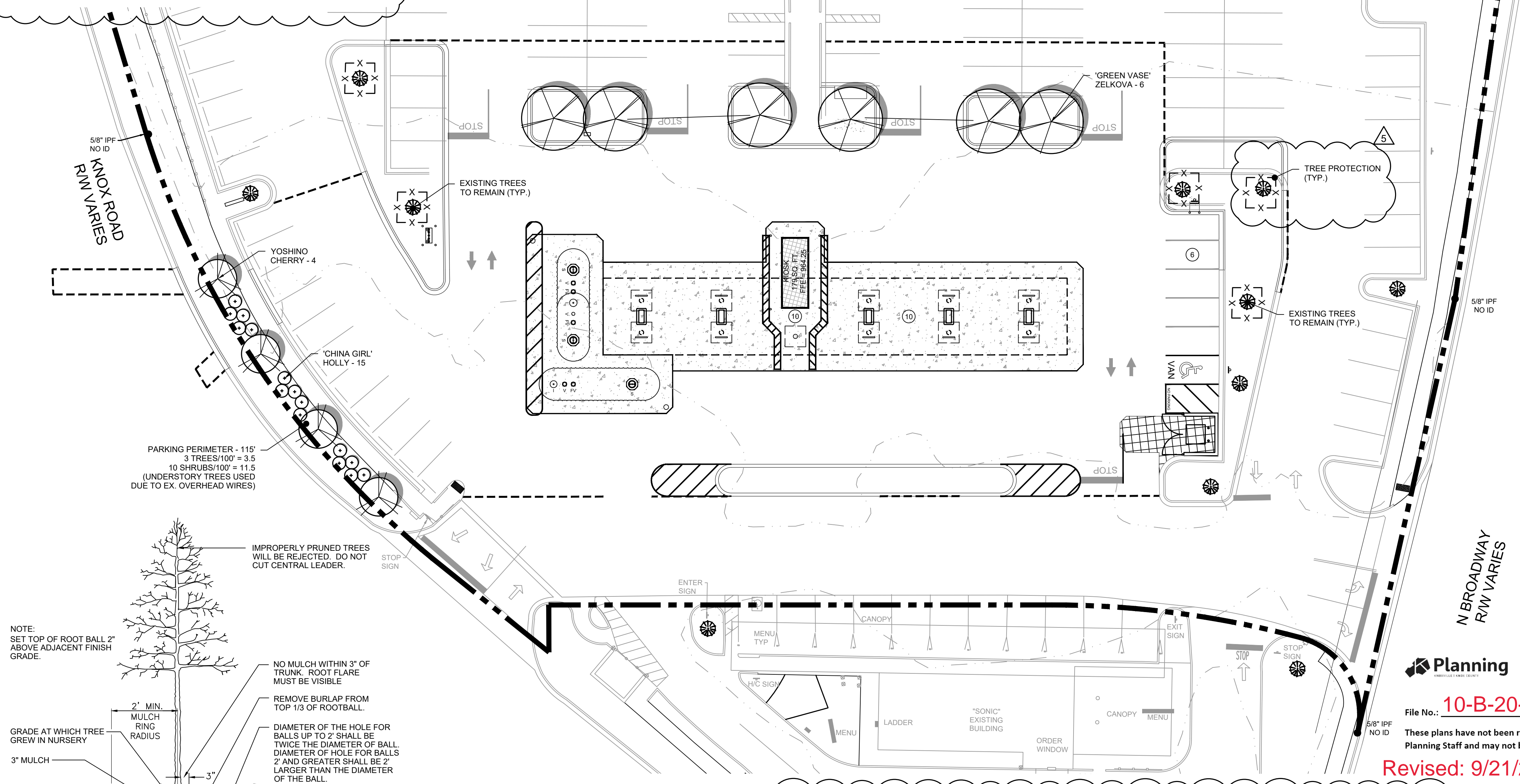
QTY	BOTANICAL NAME	COMMON NAME	CALIPER	HEIGHT	ROOT	REMARKS
1	CRYPTOMERIA JAPONICA	CRYPTOMERIA	11-12"	8' MIN.	B&B/Cont.	FULL, SYMMETRICAL
12	ILEX CORNUTA 'BURFORDII'	BURFORD HOLLY	8"	8' MIN.	B&B/Cont.	TREE FORM, MATCHED
35	ILEX OPACA 'GREENLEAF'	GREENLEAF HOLLY	8"	8' MIN.	B&B/Cont.	FULL TO THE GROUND
12	QUERCUS LYRAEA	OVERCUP OAK	3" MIN.	12-14'	B&B/Cont.	FULL, WELL BRANCHED
14	ULMUS PARVIFOLIA 'ATHENA'	ATHENA ELM	3" MIN.	12-14'	B&B/Cont.	FULL, WELL BRANCHED

Know what's below.  
Call before you dig.

20 0 10 20 40  
GRAPHIC SCALE - 1 INCH = 20 FEET  
TN STATE PLANE (NAD 83, NAVD 88)

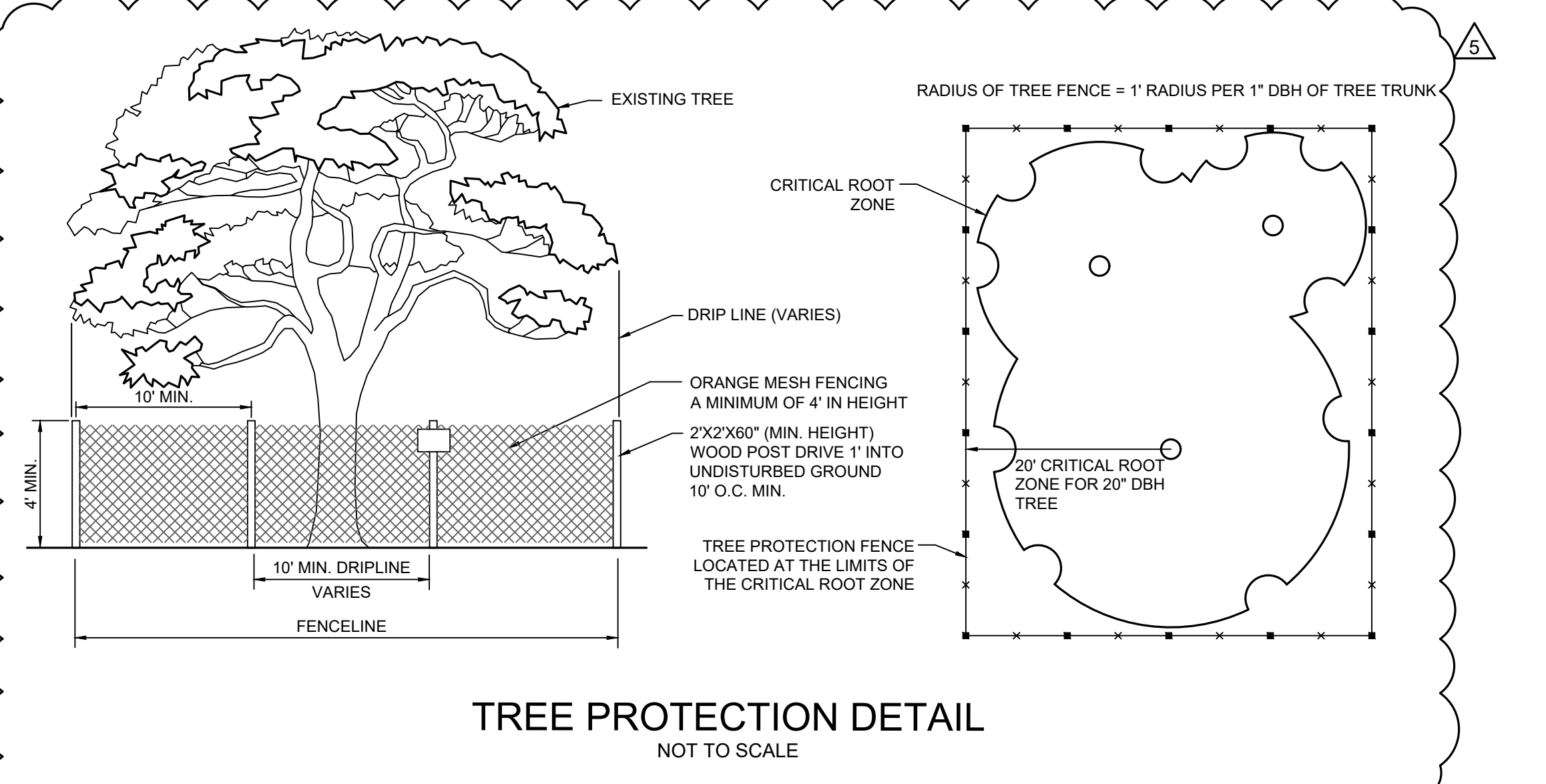
**LANDSCAPE NOTES:**

1. WHEN APPLICABLE, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING TREES TO REMAIN. NO HEAVY EQUIPMENT SHOULD BE PERMITTED TO OPERATE OR BE STORED, NOR ANY MATERIALS TO BE HANDLED OR STORED, WITHIN THE DRIP LINES OF TREES OUTSIDE THE LIMIT OF GRADING.
2. THE QUANTITIES INDICATED ON THE PLANT LIST AND PLAN ARE PROVIDED FOR THE BENEFIT OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY CALCULATIONS AND THE LIABILITY WHICH PERTAINS TO THOSE QUANTITIES AND TO ANY RELATED CONTRACT DOCUMENTS AND/OR PRICE QUOTATIONS. QUANTITIES SHOULD BE DIRECTED TO THE LANDSCAPE ARCHITECT.
3. ALL PLANT MATERIALS SHALL BE NURSERY GROWN, GRADE 'A' QUALITY, UNLESS OTHERWISE NOTED AND SHALL COMPLY WITH THE AMERICAN STANDARD FOR NURSERY STOCK: ANSI Z-60.1; LATEST EDITION, FOR SIZE AND QUALITY.
4. NO SUBSTITUTIONS AS TO TYPE, SIZE, OR SPACING OF PLANT MATERIALS SPECIFIED ON THIS PLAN MAY BE MADE WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT. KITA LANDSCAPE DESIGN (615) 469-1222.
5. THE CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES AND TO PROTECT UTILITIES THAT ARE TO REMAIN. THE CONTRACTOR SHALL REPAIR ANY DAMAGE ACCORDING TO LOCAL STANDARDS AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
6. SOD ALL DISTURBED AREAS. MULCH ISLANDS.
7. SOIL USED FOR PLANTING SHALL CONSIST OF (5) PARTS TOPSOIL, (1) PART SAND AND (2) PARTS ORGANIC MATTER, MIXED WITH 1 POUND OF FERTILIZER PER CUBIC YARD.
  - A. SAND SHALL BE CLEAN MASONRY SAND.
  - B. ORGANIC MATTER SHALL BE PEAT MOSS, OR WELL COMPOSTED PINE BARK, OR APPROVED EQUAL AND SHALL BE FINELY GROUND AND FREE OF WEEDS.
  - C. ALL FERTILIZER SHALL BE 10-10-10 WITH MINOR ELEMENTS. FERTILIZER SHALL HAVE 40-50% OF ITS TOTAL NITROGEN IN A WATER INSOLUBLE FORM.
8. PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL PLANT BEDS AND SOD AREAS PRIOR TO INSTALLATION. TREFLAN OR AN APPROVED EQUAL SHALL BE USED.
9. ALL PLANT BEDS SHALL HAVE A MINIMUM OF 3" DEEP MULCH. MULCH SHALL BE SHREDDED HARDWOOD.
10. IT IS THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO CONFIRM MATERIAL QUANTITIES. IN THE EVENT OF A DISCREPANCY, THE QUANTITIES SHOWN ON THE PLAN SHALL TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANT LIST.
11. PRIOR TO FINAL PAYMENT, THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE OWNER WITH COMPLETE WRITTEN INSTRUCTIONS ON PROPER CARE OF ALL SPECIFIED PLANT MATERIALS.
12. THE LANDSCAPE INSTALLATION SHALL BE COORDINATED WITH THE IRRIGATION INSTALLATION WHEN APPLICABLE.
13. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM STRUCTURES AND TAKE SPECIAL CARE TO INSURE THAT BED PREPARATION DOES NOT INHIBIT DRAINAGE.
14. ALL LAWN AREAS SHALL BE CULTIVATED TO A DEPTH OF 4" PRIOR TO SODDING AND SEEDING. PREPARED TURF BEDS SHALL BE FREE FROM STONES OVER 2" DIAMETER, WEEDS AND OTHER DELETERIOUS MATERIAL.
15. THE LANDSCAPE CONTRACTOR SHALL RAKE SMOOTH ALL SEED OR SOD AREAS PRIOR TO INSTALLATION.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BACKFILLING BEHIND THE CURB SO GRADE IS LEVEL WITH TOP OF CURB.
17. SODDED AREAS SHALL HAVE NO BARE AREAS. SEEDED AREAS SHALL BE CONSIDERED ACCEPTABLE WHEN FULL COVERAGE OF THE PERMANENT TURF GRASS SPECIES IS ESTABLISHED.
18. CUT AWAY ROPES OR WIRES FROM B&B PLANTS. PULL BACK BURLAP FROM TOP OF ROOT BALL. DO NOT ALLOW BURLAP TO BE EXPOSED AT SURFACE. TOTALLY REMOVE BURLAP IF IT IS SYNTHETIC.
19. IF CONTAINER GROWN PLANTS SHOW SIGNS OF BEING ROOT BOUND, SCORE ROOTS VERTICALLY.
20. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE.
21. ALL REPLACEMENTS SHALL BE OF THE SAME TYPE, SIZE, AND QUALITY AS SPECIFIED ON THE PLANT LIST, UNLESS APPROVED OTHERWISE IN WRITING BY THE LANDSCAPE ARCHITECT.
  - PLANTING DATES  
SPRING: MARCH 15 - APRIL 15  
FALL: OCTOBER 1 - NOVEMBER 30
22. ANY MATERIAL THAT IS DEEMED TO BE 25% DEAD OR MORE SHALL BE CONSIDERED DEAD, AND MUST BE REPLACED AT NO CHARGE. A TREE IS CONSIDERED DEAD WHEN THE MAIN LEADER HAS DIED BACK, OR MORE THAN 25% OF THE CROWN IS DEAD.
23. REPLACEMENTS SHALL BE MADE DURING THE NEXT PLANTING SEASON UNLESS THE LANDSCAPE CONTRACTOR AGREES TO AN EARLIER DATE.
24. THE LANDSCAPE CONTRACTOR WILL NOT BE RESPONSIBLE FOR PLANT MATERIAL THAT HAS BEEN DAMAGED BY VANDALISM, FIRE, RELOCATION, WILDLIFE, THEFT, OR OTHER ACTIVITIES BEYOND THE LANDSCAPE CONTRACTOR'S CONTROL.
25. PLANT MATERIAL SHALL BE APPROPRIATE FOR THE APPLICABLE USDA PLANT HARDINESS ZONE.
26. SPECIES MUST MEET BOTH MINIMUM CALIPER OR GALLON SIZE AND HEIGHT IF LISTED.
27. LANDSCAPE CONTRACTOR TO MAINTAIN LANDSCAPING FOR 60 DAYS AFTER TURNOVER. MAINTENANCE SHALL INCLUDE MOWING, EDGING AND TRIMMING SHRUBS.



**LANDSCAPE CALCULATIONS**

TOTAL SITE ACREAGE:	398,672 SF (9.2 AC)
TREES PER ACRE:	REQUIRED PROVIDED
6 EX. TREES/ACRE (BASED ON PREVIOUS LANDSCAPE PLAN - 2009)	54.9 74



**PLANT SCHEDULE**

QTY.	COMMON NAME	BOTANICAL NAME	HEIGHT	TRUNK	SPACING	Max. Hgt.	COMMENTS
<b>CANOPY TREES</b>							
6	'Green Vase' Japanese Zelkova	Zelkova serrata 'Green Vase'	10' - 12'	2" Cal.		60' - 80'	B&B
6	TOTAL - CANOPY TREES						
<b>UNDERSTORY TREES</b>							
4	Yoshino Cherry	Prunus x yedoensis	8' - 10'	2" Cal.		30' - 40'	B&B
4	TOTAL - UNDERSTORY TREES						
10	TOTAL - ALL TREES						
<b>SHRUBS</b>							
15	China Girl Holly	Ilex x meserveae 'Mesog'	24" Min.	5 Gal.	3.5' o.c.		Container
15	TOTAL - SHRUBS						
<b>GRASSES, PERENNIALS AND GROUND COVER</b>							
<b>TURF</b>							
-	Hybrid Fescue Seed/Sod	Drought tolerant fescue blend					

**GMC**

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Nashville, TN 37203  
T 615.333.7200  
GMCNETWORK.COM

**Kroger**

KROGER STORE U-698  
FUEL CENTER  
5201 N BROADWAY  
KNOXVILLE, TN 37918

GMC PROJECT #CNAS190111

**L-1.1**

ISSUE DATE: 06/15/2020  
BIG SET: 07/22/2020  
REVISION #4: 09/21/2020  
REVISION #5: 09/21/2020

DRAWN BY: S.DODDS  
CHECKED BY: R.HARPER

Kevin Reff, RLA  
KITA Sustainable Designs, LLC  
2101 Masters Drive  
Springfield, TN 37172  
(615) 469 - 1222 Ofc.  
(615) 594 - 7333 Cell.  
kreff@kitadesign.biz

Beauty | Economy | Sustainability

DRAWING FILE: Z:\GMC\2020\Kroger U-698 - Knoxville\U698-LDSC.dwg  
PLOT FILE: 3/27/21, 2021 - 11:44am

**EXISTING CONDITIONS NOTES:**

- 1. INFORMATION REGARDING THE PRESENCE, SIZE AND LOCATION OF UNDERGROUND UTILITIES IS SHOWN HEREON. THIS INFORMATION HAS BEEN SHOWN BASED ON THE LOCATION OF ABOVE GROUND APPURTENANCES, AVAILABLE DESIGN PLANS, AND FLAGS AND PAINT PLACED BY THE UNDERGROUND PROTECTION SERVICE. NO CERTIFICATION IS MADE AS TO THE ACCURACY OF THOROUGHNESS OF THE INFORMATION CONCERNING UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREON. (TENNESSEE ONE CALL SYSTEM, INC. 1-800-351-1111).
- 2. NO PRIVATE UTILITY LOCATE WAS PERFORMED ON THIS SITE AT THE TIME OF THIS SURVEY.
- 3. CONTACT PROPER AUTHORITIES BEFORE BUILDING NEAR UTILITY LINES. FOR EASEMENT WIDTH AND RESTRICTIONS, UTILITIES ARE APPROXIMATE AND SHOULD BE VERIFIED PRIOR TO ANY CONSTRUCTION.
- 4. THIS PROPERTY IS LOCATED WITHIN AN AREA HAVING ZONE DESIGNATIONS OF "AE, SHADED 'X' & 'X' BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY. ON FLOOD INSURANCE RATE MAP NO. 47093C0141G, WITH A MAP REVISED DATE OF AUGUST 5, 2013, IN KNOX COUNTY, STATE OF TENNESSEE, WHICH IS THE CURRENT FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH SAID PROPERTY IS SITUATED. "AE FLOOD EL: 964 PER FIRM MAPS.
- 5. CONTOURS WERE DERIVED FROM RANDOM SHOTS AND CROSS SECTIONS AND ARE SHOWN AT ONE FOOT INTERVALS. ELEVATIONS SHOWN HEREON ARE BASED ON GPS OBSERVATIONS TOGETHER WITH AN OPUS SOLUTION, DATED 12/20/20 (NAVD8, GEOID18). TIE TO CITY OF KNOXVILLE CONTROL STATION 0366. ELEV. 958.35 (R) 958.34 (M) NAVD 88
- 6. GROUND MEASUREMENTS ARE USED AS THE BASIS FOR LOCATION OF ALL FEATURES OF THE SUBJECT PROPERTY.
- 7. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE COMMITMENT.
- 8. THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH CHAPTER 0820-3, STANDARDS OF PRACTICE AS ADOPTED BY THE TENNESSEE STATE BOARD OF EXAMINERS FOR LAND SURVEYORS
- 9. THIS IS NOT A BOUNDARY SURVEY. THIS IS A LIMITED TOPOGRAPHICAL SURVEY ONLY.

**DEMOLITION NOTES:**

- 1. ALL DEMOLISHED MATERIALS BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED. CONTRACTOR IS TO DISPOSE OF DEMOLISHED MATERIAL OFF OF THE OWNERS PROPERTY AT NO ADDITIONAL COST.
- 2. ALL PAVEMENT, BASE COURSES, SIDEWALKS, CURBS, BUILDINGS, FOUNDATIONS, ETC. TO BE REMOVED SHALL BE REMOVED TO SUBGRADE.
- 3. ALL ITEMS OF CONSTRUCTION REMAINING AND NOT SPECIFICALLY MENTIONED THAT INTERFERE WITH THE NEW CONSTRUCTION SHALL BE REMOVED AS DIRECTED BY THE OWNERS REPRESENTATIVE.
- 4. CONTRACTOR SHALL PROVIDE PROTECTION TO ALL STREETS, TREES, UTILITIES, AND STRUCTURES THAT ARE TO REMAIN. REPAIR CONTRACTOR CAUSED DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
- 5. CAVITIES LEFT BY STRUCTURE REMOVAL SHALL BE BACKFILLED WITH CRUSHED STONE AND COMPACTED.
- 6. THE CONTRACTOR SHALL CONFORM TO ALL LOCAL CODES AND OBTAIN ALL PERMITS PRIOR TO BEGINNING WORK.
- 7. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN, AND REPAIR CONTRACTOR CAUSED DAMAGE ACCORDING TO LOCAL STANDARDS AT THE CONTRACTORS EXPENSE.
- 8. COORDINATE ALL DEMOLITION WITH THE APPROPRIATE UTILITY COMPANY AND THE OWNER PRIOR TO PERFORMING THE WORK AND OBTAIN APPROVAL TO INSURE MINIMAL INTERRUPTIONS IN SERVICE TO EXISTING FACILITIES.
- 9. CONTRACTOR MUST FILE A NOTICE OF DEMOLITION. PRIOR TO BEGINNING OF DEMOLITION ACTIVITIES, APPLICATION MUST BE FILED WITH THE NASHVILLE HEALTH DEPARTMENT.
- 10. ALL HAZARDOUS MATERIALS ON-SITE MUST BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL AGENCIES HAVING JUSTIFICATION OVER SUCH. COORDINATE DISPOSAL WITH THE OWNER'S REPRESENTATIVE.
- 11. ALL UTILITY ADJUSTMENTS TO BE PERFORMED BY RESPECTIVE UTILITY UNLESS OTHERWISE NOTED.
- 12. EROSION CONTROL SHALL BE INSTALLED AS NECESSARY DURING DEMOLITION OPERATIONS TO INSURE THAT ANY SEDIMENT TRANSPORT/SEDIMENT RUNOFF THAT DOES OCCUR WILL REMAIN ON-SITE.
- 13. ALL DEMOLITION, TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL, OSHA REGULATIONS.

**FLOODPLAIN NOTE:**

THIS PARCEL DESCRIBED HEREON LIES WITHIN MINIMAL FLOOD HAZARD AREAS IN ACCORDANCE WITH "INSURANCE RATE MAP PANEL NUMBER 47093C0141G", DATED: AUGUST 05, 2013, FLOOD ZONE "X".

**TRAFFIC CONTROL NOTES:**

- 1. WHENEVER CONSTRUCTION OPERATIONS ENCOACH ON THE RIGHT OF WAY OF ADJACENT ROADWAYS, TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH LOCAL AND STATE STANDARDS.
- 2. NO MATERIALS OR EQUIPMENT SHALL BE STORED OR STOCKPILED WITHIN THE RIGHT-OF-WAY OF ADJACENT ROADWAYS.
- 3. ALL TRAFFIC CONTROL, INCLUDING MARKINGS, SIGNS, ETC. SHALL FOLLOW THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

**SITE DATA:**

**SITE DATA**

DEVELOPMENT:	U698 FUEL CENTER
CITY BLOCK:	37240
PARCEL:	058K007
LOT AREA:	398,672 S.F. (9.15 +/- AC.)
ADDRESS:	5201 N. BROADWAY
CITY:	KNOXVILLE
COUNTY:	KNOX
STATE:	TENNESSEE
FRONT YARD:	
SIDE YARD:	20'
REAR YARD:	30'

**ZONING CLASSIFICATION**

JURISDICTION:	CITY OF KNOXVILLE
EXISTING ZONING:	C-G-2 GENERAL COMMERCIAL ZONING DISTRICT
EXISTING USE:	SHOPPING CENTER
PROPOSED USE:	SHOPPING CENTER/FUEL CENTER

**BUILDING AREA**

EXISTING BUILDING:	87,700 S.F.
PROPOSED FUEL KIOSK:	179 S.F.
PROVIDED BUILDING HEIGHT:	1 STORY

**GREEN SPACE**

EXISTING REMOVED GREEN SPACE:	3,120 S.F.
PROPOSED ADDED GREEN SPACE:	3,138 S.F.

**PARKING SUMMARY**

REQUIRED PARKING RATIO (FUEL CENTER):	1 SPA / PER EMPLOYEE + 2 PER BAY
REQUIRED SPACES (FUEL CENTER):	11
REQUIRED PARKING RATIO (KROGER BLDG.):	1 SPA / 333 S.F.
REQUIRED SPACES (KROGER BLDG.):	263
TOTAL REQUIRED SPACES:	274
REQUIRED ACCESSIBLE SPACES:	7
PROVIDED SPACES:	275
PROVIDED ACCESSIBLE SPACES:	9

APPLICANT	DEVELOPER
GOODWYN MILLS & CAWOOD, INC. 3310 WEST END AVE., SUITE 420 NASHVILLE, TN 37203 CONTACT: MR. BRADLEY BORK, PE PHONE: (615) 333-7200	KROGER LIMITED PARTNERSHIP I 1014 VINE ST. CINCINNATI, OH 45202 CONTACT: MR. CARY KING (502) 423-4966

**ELECTRIC, COMMUNICATIONS & GAS UTILITIES NOTE**

PRIMARY AND SECONDARY ELECTRIC SERVICE LINE LOCATIONS, ELECTRICAL TRANSFORMER LOCATIONS, COMMUNICATIONS (PHONE, INTERNET, CATV, ETC.) SERVICE LINE LOCATIONS, NATURAL GAS SERVICE LINE LOCATIONS AND NATURAL GAS METER LOCATIONS SHOWN ON THESE CIVIL PLANS ARE SCHEMATIC ONLY. CONTRACTOR MUST INSTALL THESE SERVICES IN ACCORDANCE WITH CURRENT CODES AND SERVICE PROVIDER REQUIREMENTS. CONTRACTOR MUST VERIFY AND COORDINATE FINAL LOCATIONS WITH THE APPROPRIATE SERVICE PROVIDER AND THE MEP ENGINEER(S) PRIOR TO CONSTRUCTION.
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**PUBLIC SIDEWALK NOTE**

PUBLIC SIDEWALK SHOULD BE REMOVED AND REPLACED IN WHOLE PANELS. NEW SIDEWALK SHOULD BE JOINED TO EXISTING WITH AN EXPANSION JOINT.
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**GENERAL NOTES:**

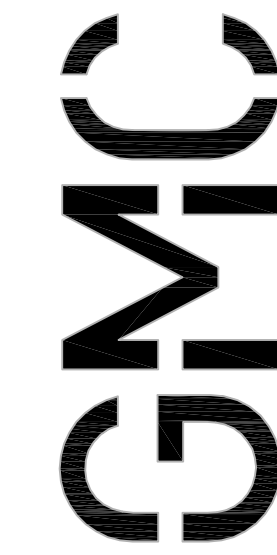
- 1. THE CONTRACTOR SHALL CHECK ALL EXISTING GRADES, PIPE SIZES, STRUCTURE LOCATIONS, DIMENSIONS, ETC. IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE OWNERS REPRESENTATIVE PRIOR TO BEGINNING WORK.
- 2. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. REPAIR CONTRACTOR CAUSED DAMAGE ACCORDING TO LOCAL STANDARDS AND AT THE CONTRACTORS EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
- 3. THE CONTRACTOR SHALL CONFORM TO ALL LOCAL CODES AND OBTAIN ALL PERMITS PRIOR TO BEGINNING WORK.
- 4. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY. INSTALL ALL UTILITIES PRIOR TO INSTALLATION OF PAVEMENT.
- 5. ALL CONCRETE SHALL BE CLASS "A" (4,000 P.S.I.), UNLESS OTHERWISE NOTED. PREFORMED FIBER EXPANSION JOINTS (1/2") SHALL BE PROVIDED WHERE SIDEWALKS OR PADS CONTACT EXTERIOR BUILDING WALLS OR CONCRETE CURBS. TRANSVERSE EXPANSION JOINTS SHALL BE PROVIDED AT A MAXIMUM SPACING OF 25' TO MATCH TRANSVERSE JOINT MARKINGS. TRANSVERSE JOINT MARKINGS SHALL BE MADE TO FORM BLOCKS AS NEARLY SQUARE AS POSSIBLE.
- 6. ALL DAMAGE TO EXISTING ASPHALT PAVEMENT TO REMAIN, WHICH RESULTS FROM NEW CONSTRUCTION, SHALL BE REPLACED WITH LIKE MATERIALS AT CONTRACTOR'S EXPENSE.
- 7. DIMENSIONS ARE TO THE FACE OF CURBS, EDGE OF CONCRETE, OR TO FACE OF BUILDING, AND ALL RADII ARE 3' UNLESS OTHERWISE NOTED.
- 8. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN THE USE OF EQUIPMENT IN AND AROUND OVERHEAD ELECTRICAL WIRES AND SERVICES. IF AT ANY TIME IN THE PURSUIT OF THIS WORK, THE CONTRACTOR MUST WORK IN CLOSE PROXIMITY OF THE ABOVE NOTED WIRES, THE ELECTRICAL COMPANY SHALL BE CONTACTED PRIOR TO SUCH WORK AND THE PROPER SAFETY MEASURES TAKEN.
- 9. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS.
- 10. IN EASEMENTS AND RIGHTS-OF-WAY, CONTRACTOR SHALL PROTECT AND RESTORE SAID PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING AT THE COMMENCEMENT OF CONSTRUCTION EXCEPT AS NOTED.
- 11. THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" ISSUED BY ACC OF AMERICA, INC. AND THE "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION" ISSUED BY THE U.S. DEPARTMENT OF LABOR.
- 12. ALL ACCESSIBLE PARKING SPACES ARE TO RECEIVE AN ACCESSIBLE SIGN AND ACCESSIBLE SYMBOL PAINTED ON THE PAVEMENT. STALLS ADJACENT TO 8' WIDE STRIPED AISLES ARE TO RECEIVE A "VAN ACCESSIBLE" SIGN IN ADDITION TO THE ABOVE.
- 13. ALL ACCESSIBLE RAMP DESIGNS SHALL CONFORM TO ADA STANDARDS OR KNOXVILLE BUILDING CODE STANDARDS, WHICHEVER IS MORE RESTRICTIVE.
- 14. PAVING SHALL BE CONSTRUCTED IN ACCORDANCE WITH PLANS AND T.D.O.T. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, AND GEOTECHNICAL ENGINEERING REPORT.
- 15. ALL ON-SITE PAVEMENT MARKINGS SHALL BE 4" PAINTED, USING WHITE LINES ON ASPHALT PAVING AND YELLOW LINES ON PORTLAND CEMENT CONCRETE PAVING, UNLESS NOTED OTHERWISE. ALL PAVEMENT MARKINGS IN RIGHT-OF-WAY SHALL BE THERMOPLASTIC.
- 16. THE ENGINEER AS REPRESENTATIVE OF THE OWNER, SHALL NOT GUARANTEE THE WORK OF ANY CONTRACTOR OR SUB-CONTRACTOR. SHALL HAVE NO AUTHORITY TO STOP WORK, SHALL NOT HAVE CHARGE OF THE WORK, SHALL NOT BE RESPONSIBLE FOR SAFETY IN, ON, OR ABOUT THE JOB SITE, OR HAVE ANY CONTROL OF THE SAFETY OR ADEQUACY OF ANY EQUIPMENT, BUILDING COMPONENT, SCAFFOLDING, SUPPORTS, FORMS OR OTHER WORK AIDS.
- 17. ALL SIDEWALKS, EXISTING AND PROPOSED, ARE TO BE CONSTRUCTED AND/OR LEFT IN A CONDITION THAT MEETS OR EXCEEDS KNOX COUNTY ENGINEERING & PUBLIC WORKS DEPARTMENT STANDARDS.
- 18. ALL WORK IN THE RIGHT-OF-WAY MUST COMPLY WITH KNOX COUNTY ENGINEERING & PUBLIC WORKS DEPARTMENT STANDARDS. THE INSPECTOR FOR THE PROJECT CAN BE REACHED AT 865-215-5800. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE KNOX COUNTY ENGINEERING & PUBLIC WORKS DEPARTMENT OFFICE PRIOR TO BEGINNING WORK. CHECK ALL SIDEWALKS IN THE RIGHT-OF-WAY FOR COMPLIANCE.
- 19. CONCRETE WHEEL STOPS TO BE INSTALLED 24" FROM END OF PARKING STALL.
- 20. THE CONTRACTOR SHALL INCLUDE STEEL ROAD PLATES FOR TRENCH AREAS OF PROPOSED UTILITIES WHICH ARE NOT CORDONED OFF IN EXISTING PAVED AREAS. STEEL ROAD PLATES NEED TO BE 1" THICK GRADE A36 AND GRADE 50, CAPABLE OF H-20 LOADINGS, TO PROVIDE A COVER OVER AN OPEN EXCAVATION TO PROVIDE VEHICULAR OR PEDESTRIAN TRAFFIC PROTECTION. STEEL DRIVE PLATES MUST EXTEND A MINIMUM OF 2'-0" OVER THE TOP OF THE GROUND AT EACH END OR SIDES, AND BE SECURED AGAINST UPLIFT. ALL WORK MUST BE IN ACCORDANCE WITH CURRENT OSHA STANDARDS, AND ANY STATE OR LOCAL REGULATIONS THAT MAY APPLY.

**GRADING, DRAINAGE & EROSION CONTROL NOTES:**

- 1. NO TREES ARE TO BE REMOVED AND/OR VEGETATION DISTURBED EXCEPT AS NECESSARY FOR GRADING PURPOSES AND ONLY AS APPROVED BY OWNERS REPRESENTATIVE AND CITY ENGINEER.
- 2. TOPSOIL IS TO BE REDISTRIBUTED OVER GRADED AREAS TO A MINIMUM OF 6" AND A MINIMUM DEPTH OF 12" OVER ROCK. AT CONTRACTORS OPTION, EXISTING TOPSOIL MAY BE HAULED AWAY AND REPLACED WITH FERTILE, FRABLE TOPSOIL FROM OFFSITE IN ACCORDANCE WITH SPECIFICATIONS. LANDSCAPE TREE ISLANDS TO HAVE 30" MINIMUM TOPSOIL.
- 3. ALL GRADED AREAS, INCLUDING SLOPES, ARE TO BE STABILIZED AS SOON AS POSSIBLE AFTER GRADING IS COMPLETED, WITHIN A MAXIMUM OF 14 DAYS.
- 4. CONSTRUCT EROSION CONTROL AS SHOWN ON DRAWINGS PRIOR TO BEGINNING GRADING OPERATIONS.
- 5. ALL NEW STRUCTURES AND EXISTING STRUCTURES SHALL HAVE SEDIMENT REMOVED PRIOR TO ACCEPTANCE.
- 6. SILT BARRIERS SHALL BE CLEANED OF ACCUMULATED SEDIMENT WHEN APPROXIMATELY 33% FILLED WITH SUCH SEDIMENT.
- 7. ALL DIMENSIONS AND LOCATIONS OF TEMPORARY EROSION AND WATER POLLUTION CONTROL DEVICES SHALL BE SUBJECT TO ADJUSTMENT AS DESIGNATED BY THE OWNERS REPRESENTATIVE.
- 8. WHEN THE TEMPORARY SOIL EROSION AND WATER POLLUTION DEVICES ARE NO LONGER REQUIRED FOR THE INTENDED PURPOSE IN THE OPINION OF THE OWNERS REPRESENTATIVE, THEY SHALL BE REMOVED.
- 9. REPLACE SILT BARRIERS WHEN CONDITIONS WARRANT AND AS DIRECTED BY THE OWNERS REPRESENTATIVE.
- 10. THE CONTRACTOR SHALL PROVIDE THE NECESSARY PROTECTION, IN ACCORDANCE WITH THE SPECIFICATIONS, FOR TREES TO REMAIN. DO NOT OPERATE OR STORE HEAVY EQUIPMENT, NOR HANDLE OR STORE MATERIALS, WITHIN THE DRIP LINES OF TREES TO REMAIN.
- 11. CONTOUR LINES AND SPOT ELEVATIONS ARE THE RESULT OF A DETAILED ENGINEERING GRADING DESIGN AND REFLECT A PLANNED INTENT WITH REGARD TO DRAINAGE AND MOVEMENT OF STORM WATER. SHOULD THE CONTRACTOR HAVE ANY QUESTION OF THE INTENT OR ANY PROBLEMS WITH CONTINUITY OF GRADES, THE ENGINEER SHOULD BE CONTACTED IMMEDIATELY PRIOR TO BEGINNING WORK.
- 12. ALL SLOPES 3:1 OR STEEPER SHALL BE STABILIZED WITH STAKED SOD, NORTH AMERICAN GREEN SC-150, SC-150BN, FLEXITERRA HP-FGM OR APPROVED EQUAL.
- 13. ANY MUD/CONSTRUCTION DEBRIS THAT MAY BE TRANSPORTED TO PUBLIC ROADS OR PARKING AREAS SHALL BE CLEANED UP IMMEDIATELY.
- 14. 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.
- 15. CONSTRUCTION ENTRANCE SHALL BE IN PLACE PRIOR TO ANY COMBUSTIBLES, I.E. CONSTRUCTION TRAILER, LUMBER, ETC. BEING PRESENT ON JOB SITE. IN ADDITION TO THE CONSTRUCTION ENTRANCE, AN ALL WEATHER DRIVE MUST BE IN PLACE AND ACCESSIBLE TO ALL AREAS OF THE CONSTRUCTION SITE THAT WILL CONTAIN COMBUSTIBLES THROUGHOUT ALL PHASES OF THE CONSTRUCTION PROCESS. THE ALL WEATHER DRIVE SHALL BE NO LESS THAN 20 FEET OF UNOBSTRUCTED WIDTH WITH ADEQUATE TURNING RADIUS CAPABLE OF SUPPORTING THE IMPOSED LOADS OF THE FIRE DEPARTMENT PROCESS.
- 16. THE CONTRACTOR MUST NOTIFY ALL UTILITIES IN THE AREA AND CALL THE TENNESSEE ONE CALL SYSTEM AT 811 TO COORDINATE THE FIELD LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY EARTH DISTURBANCE. "CALL BEFORE DIGGING"
- 17. GENERAL CONTRACTOR SHALL KEEP GROUND DISTURBANCE TO THE MINIMUM REQUIRED TO COMPLETE THE PROJECT. ALL AREAS MUST BE TEMPORARILY OR PERMANENTLY STABILIZED IF DISTURBED AREA HAS NOT BEEN WORKED WITHIN THE PAST 14 DAYS.
- 18. CONTRACTOR SHALL REFER TO AND ADHERE TO THE RECOMMENDATIONS IN THE GEOTECHNICAL ENGINEERING REPORT.
- 19. RETAINING WALLS SHALL BE DESIGN BUILD BY THE GENERAL CONTRACTOR. CONTRACTOR SHALL PROVIDE PLANS SEALED BY A TENNESSEE REGISTERED ENGINEER TO THE OWNER AND ENGINEER OF RECORD FOR APPROVAL PRIOR TO CONSTRUCTION. A 42" HIGH PEDESTRIAN GUARD SHALL BE PROVIDED FOR RETAINING WALL HEIGHTS THAT ARE GREATER THAN OR EQUAL TO 30 INCHES. PEDESTRIAN GUARD SHALL BE INSTALLED ON TOP OF RETAINING WALL AND SHALL NOT ALLOW A 4-INCH DIAMETER SPHERE TO PASS THROUGH ANY OPENING. GUARDS SHALL BE DESIGNED TO RESIST A 50 PLF LOAD IN ACCORDANCE WITH ASCE 7, AND A 200 LB. CONCENTRATED LOAD IN ACCORDANCE WITH ASCE 7. INTERMEDIATE RAILS, BALUSTERS, AND PANEL FILLERS SHALL RESIST A 50 LB. CONCENTRATED LOAD IN ACCORDANCE WITH ASCE 7. THIS SHALL BE A MINIMUM DESIGN.
- 20. THE CONTRACTOR SHALL INCLUDE STEEL ROAD PLATES FOR TRENCH AREAS OF PROPOSED UTILITIES WHICH ARE NOT CORDONED OFF IN EXISTING PAVED AREAS. STEEL ROAD PLATES NEED TO BE 1" THICK GRADE A36 AND GRADE 50, CAPABLE OF H-20 LOADINGS, TO PROVIDE A COVER OVER AN OPEN EXCAVATION TO PROVIDE VEHICULAR OR PEDESTRIAN TRAFFIC PROTECTION. STEEL DRIVE PLATES MUST EXTEND A MINIMUM OF 2'-0" OVER THE TOP OF THE GROUND AT EACH END OR SIDES, AND BE SECURED AGAINST UPLIFT. ALL WORK MUST BE IN ACCORDANCE WITH CURRENT OSHA STANDARDS, AND ANY STATE OR LOCAL REGULATIONS THAT MAY APPLY.
- 21. SITE IS TO BE BID UNCLASSIFIED, REFERENCE SPECIFICATIONS AND GEOTECH REPORT.
- 22. TEMPORARY SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS AND ON SOIL STOCKPILES. PERMANENT SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE COMPLETED AND WHEN CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. SEED AREAS THAT SHOW SIGNS OF EXCESSIVE EROSION.

**UTILITY NOTES:**

- 1. ELECTRICAL SERVICE UTILITY CONSTRUCTION SHALL COMPLY WITH KNOXVILLE UTILITIES BOARD (KUB) STANDARDS.
- 2. TELEPHONE/DATA/CABLE TV UTILITY CONSTRUCTION SHALL COMPLY WITH SPECIFICATIONS OF THE RESPECTIVE PROVIDER.
- 3. GENERAL CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THIS SYSTEM PRIOR TO INSTALLATION.
- 4. ALL APPROPRIATE FEES SHALL BE PAID PRIOR TO BEGINNING SITE UTILITY CONSTRUCTION.
- 5. GENERAL CONTRACTOR WILL BE REIMBURSED BY OWNER FOR ALL TAP AND TIE ON FEES REQUIRED.
- 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. CONTRACTORS FOR WATER AND SEWER WORK MUST BE APPROVED BY KNOXVILLE UTILITIES BOARD (KUB).
- 8. CONTRACTOR SHALL COORDINATE INSPECTION WITH LOCAL UTILITY COMPANY.
- 9. ALL ELECTRICAL CONDUIT TO BE INSTALLED AND ROUTED ACCORDING TO CURRENT ELECTRIC AND NFPA CODES, IN ACCORDANCE WITH THE UTILITY COMPANY DESIGNS AND WITH SITE ELECTRICAL PLANS.
- 10. GENERAL CONTRACTOR SHALL PROVIDE AS-BUILT SURVEY / LOCATIONS AND ELEVATIONS TO THE ENGINEER FOR COMPLETION OF METRO AS-BUILTS FOR PUBLIC LINES.



3310 West End Avenue, Suite 420  
Nashville, TN 37203  
T 615.333.7200  
G.MCNETWORK.COM

ISSUE	DATE
BID SET	06/16/2020
REVISION #4	07/31/2020
REVISION #5	09/21/2020
DRAWN BY:	S.DODDS
CHECKED BY:	R.HARPER

KROGER STORE U-698  
FUEL CENTER  
5201 N. BROADWAY  
KNOXVILLE, TN 37918

GMC PROJECT #CNAS190111



File No.: **10-B-20-SU**

These plans have not been reviewed by  
Planning Staff and may not be finalized.

Revised: 9/21/2020

NOTES SHEET

**C-0.2**