

890 890 885 --7.3% --2.7% 880 880 880 880

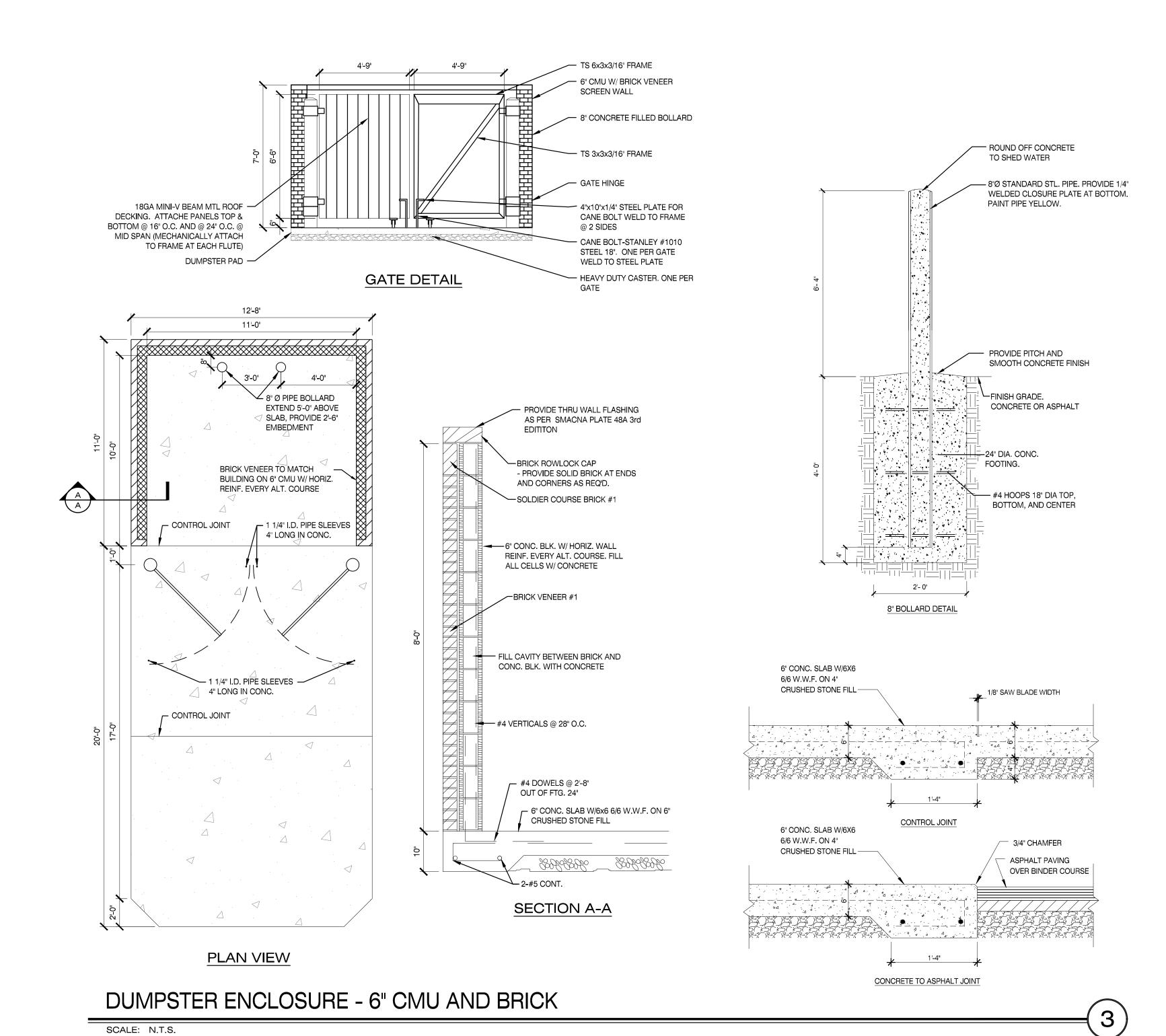
ENTRANCE A PROFILE

SCALE: H: 1" = 50'-0" V: 1" = 5'-0"

ENTRANCE B PROFILE

SCALE: H: 1" = 50'-0" V: 1" = 5'-0"

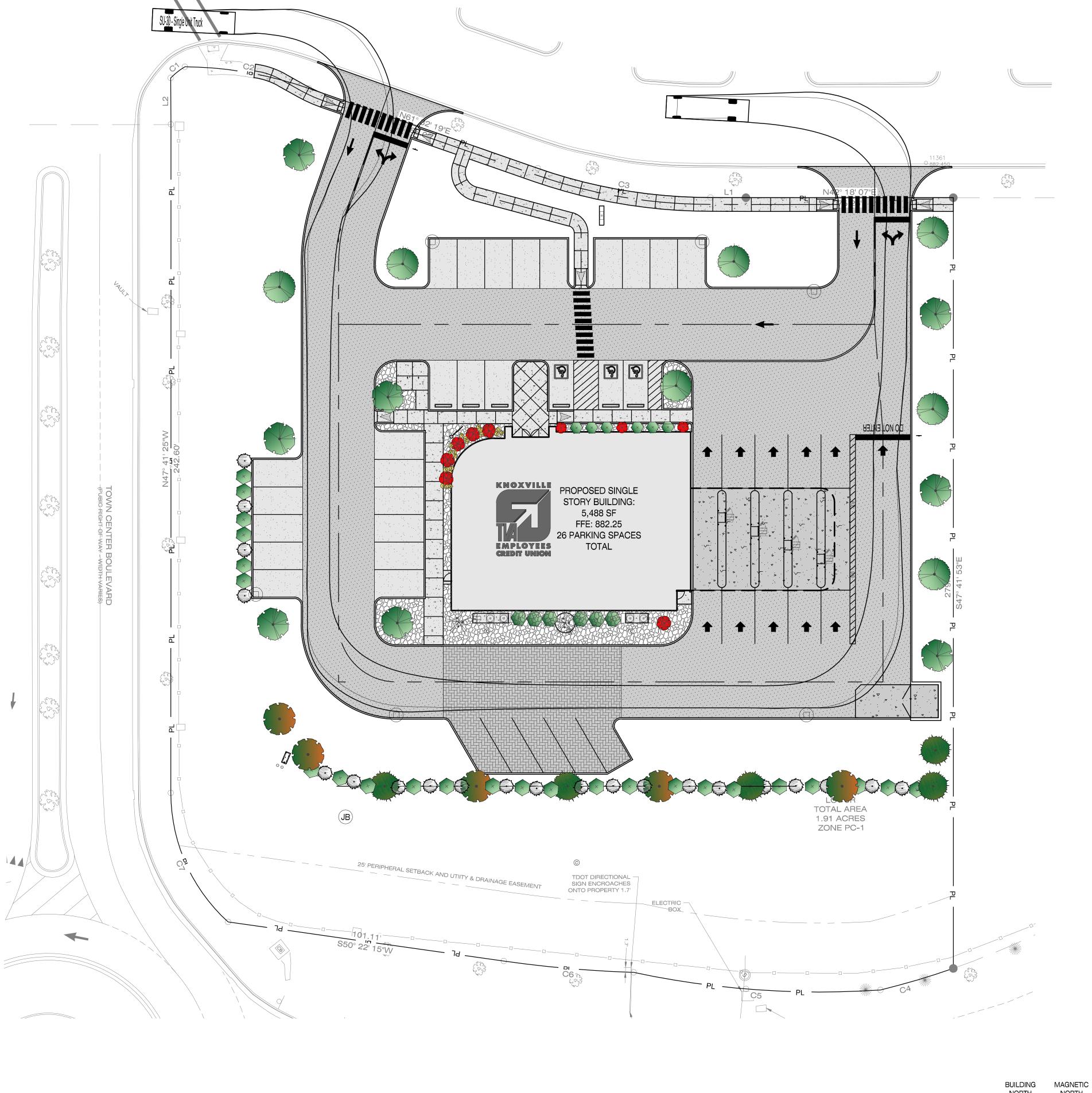
**2** 



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C500



RIVERBANK SCHEDULE - HYDRO-SEEDING GRASSES Andropogon gerardii / Big Bluestem Calamgrostis canadensis / Blue Joint Grass 0.065 Elymus virginicus / Virginia Wild Rye Festuca rubra / Creeping Red Fescue 1.000 8.000 10.000 Lolium multiflorum / Annual Rye Panicum virgantum / Praire Switchgrass 0.500 4.500 Sorghastrum nutans / Indian Grass FORBES
Aster nvae angliae / New England Aster 0.250 Liatris spicata / March Blazing Star 0.200 0.100 0.100 Monarda fistulosa / Wild Bergamont Pycnanthemum virginianum / Mountain Mint Rarubuda pinnata / Yellow Coneflower 0.250 Rudbekia hirta / Black Eyed Susan 0.200

# GENERAL LANDSCAPE NOTES

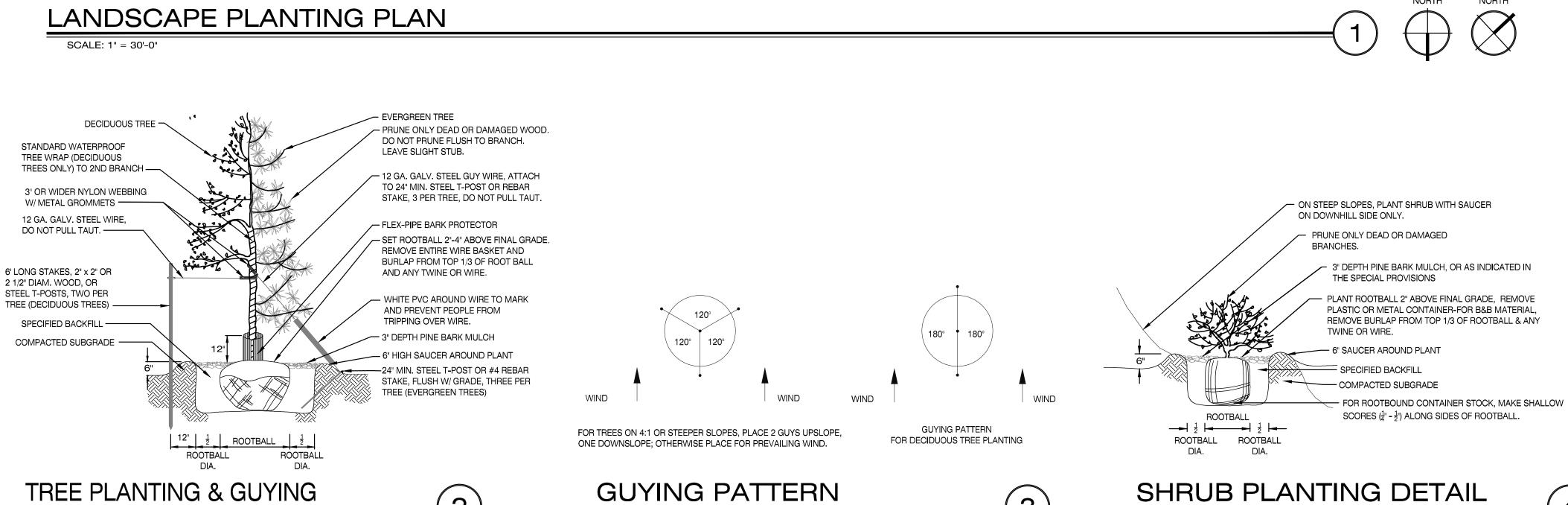
NOXIOUS WEED CONTROL.

- CARE IS TO BE TAKEN TO PROTECT ALL UNDERGROUND UTILITIES. THE GENERAL CONTRACTOR IS TO VERIFY AND MARK THE EXACT LOCATION OF ALL EXISTING UTILITIES ( WATER, SEWER, GAS, ELECTRIC, SEPTIC TANKS,
- SOIL USED IN THE BACKFILL OF PLANTING PITS AND LANDSCAPE BEDS SHALL BE CLEAN AND WEED FREE, AND SHALL BE MIXED WITH 25% PEAT MOSS/PINE BARK BY VOLUME. 12:6:6 PENNINGTON NURSERY FERTILIZER OR EQUAL SHALL BE USED IN ALL PLANTING PITS. HERBICIDE, TREFLAN OR EQUAL TO BE APPLIED TO PLANTING BEDS FOR
- PRESSURE TREATED WOODEN STAKES SHALL BE USED FOR TREES OVER 2" CALIPER OR IN AREAS WHERE HEAVY WIND IS A FACTOR. ALL LANDSCAPING MATERIAL SHALL BE INSTALLED IN A PROFESSIONAL MANNER, AND ACCORDING TO ACCEPTED PLANTING PROCEDURES. TOPSOIL FURNISHED BY THE OWNER OR LANDSCAPE CONTRACTOR SHALL BE NATURAL, FERTILE, FRIABLE SOIL POSSESSING CHARACTERISTICS REPRESENTATIVE OF PRODUCTIVE SOILS IN THE AREA. SOIL SHALL NOT BE EXCESSIVELY ACIDIC, ALKALINE OR TOXIC THAT IT MAY BE HARMFUL TO PLANT GROWTH. TOPSOIL SHOULD BE FREE OF CLAY LUMPS, STONES, STUMPS, ROOTS, OR SUBSTANCE 2" OR MORE IN DIAMETER.

ALL PLANTING BEDS TO HAVE A MINIMUM 3" OF PINE BARK MULCH.

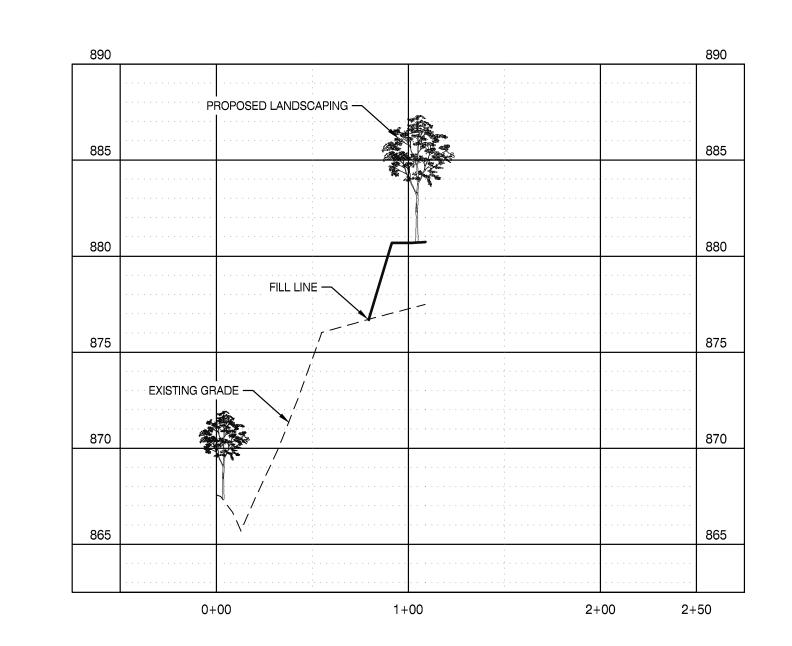
- ALL TREES RETAINED OR NEW SHALL BE PROPERLY MAINTAINED TO ENSURE THEIR SURVIVAL FOR 12 MONTHS AFTER DATE OF SUBSTANTIAL COMPLETION. ANY TREE WHICH FAILS TO SURVIVE AFTER 12 MONTHS SHALL BE REPLACED WITHIN 9 MONTHS OF LOSS. 0. LAWN QUALITY SHALL BE PROVIDED WITH FRESH, CLEAN, NEW-CROP SEED COMPLYING WITH TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED
- BY OFFICIAL SEED ANALYSIS OF SEED VENDER'S CERTIFIED STATEMENT FOR EACH GRASS SEED MIXTURE. PROJECT CONDITIONS PROCEED WITH AND COMPLETE LAWNS AND GRASSES AS RAPIDLY AS PORTIONS OF SITE BECOME AVAILABLE. FERTILIZER WITH COMMERCIAL PERCENTAGE TO BE DETERMINED WITH ANALYSIS AND LIME TO BE NATURAL <u>DOLOMITIC</u> SEASON OF INSTALLATION. LIMESTONE CONTAINING NOT LESS THAN 85% OF TOTAL CARBONATE WITH
- MINIMUM OF 30% MAGNESIUM CARBONATES. SOD TYPE SHALL BE STRONGLY ROOTED, FRESHLY CULTIVATED SOD, NOT LESS THAN 1 YEAR OLD, FREE OF WEEDS AND UNDESIRABLE NATIVE
- . PROPOSED PLANT MATERIAL WILL NOT INTERFERE WITH ANY EXISTING AND/OR PLANNED UNDERGROUND OR OVERHEAD UTILITIES. . 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.
- 3. 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.
- 4. THE GUYING OF TREES IS OPTIONAL BUT, THE LANDSCAPE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR THE STABILITY AND PLUMB CONDITION OF ALL TREES AND SHRUBS AND SHALL BE LEGALLY LIABLE FOR ANY DAMAGE CAUSED BY THE INSTABILITY OF ANY PLANT MATERIALS. THE GUYING DETAILS ARE AN APPROVED METHOD OF TREE GUYING, OR EQUAL. 15. CONTRACTOR SHALL ADHERE TO ALL LOCAL LANDSCAPE ORDINANCES.

	OT\	CONTRACTOR AND A DOTANICAL BIANTS	CIZE	CAL	CONIT
DECIDUOUS TREES	<u>QTY</u>	COMMON NAME / BOTANICAL NAME	SIZE	CAL	CONT
	5	RED MAPLE / Acer rubrum 'October Glory' TM	12-14`H	3"	B&B
EVERGREEN TREES	<u>QTY</u>	COMMON NAME / BOTANICAL NAME	SIZE	CAL	CONT
	5	WHITE FIR / Abies concolor	30-50`H	3"	
FLOWERING TREES	<u>QTY</u>	COMMON NAME / BOTANICAL NAME	SIZE	CAL	CONT
	8	REDBUD / Cercis canadensis	8-10`H	2"	B&B
	7	DOGWOOD / Cornus florida	15-30' H	2"	
	2	CRYPE MYRTLE / Lagerstoemia indica	10-12' H	2.5"	multi trunk B&B
ANNUALS/PERENNIALS	<u>QTY</u>	COMMON NAME / BOTANICAL NAME	SIZE	CONT	
<del>(</del> 3		TBD by Owner			
DECIDUOUS SHRUBS	<u>QTY</u>	COMMON NAME / BOTANICAL NAME	SIZE	CONT	
	9	KNOCK OUR ROSE / Rosa (Color TBD by owner)	5' H x 5' W	3 gal	
EVERGREEN SHRUBS	<u>QTY</u>	COMMON NAME / BOTANICAL NAME	<u>SIZE</u>	CONT	
×	36	SWEETSPIRE LITTLE HENRY / Itea virginica 'sprich' LITTLE HENRY	1.5-2'H	3 gAL	
	21	SOFT TOUCH HOLLY / Ilex crenata 'Helleri"	2-4'H	3 gal	
ADDITIONAL ITEMS		MATERIAL DESCRIPTION	QUA	ANTITY	
		RIVER SLICKS 3" river slick stones	\	/.I.F.	



SCALE: N.T.S.

SCALE: N.T.S.



PLANTING SECTION SCALE: H: 1" = 50'-0" V: 1" = 5'-0"

ENGINEER: MBI COMPANIES INC. 299 N. WEISGARBER ROAD KNOXVILLE, TN 37919 (865) 584-0999 (865) 584-5213 mbicompanies.com CONSULTANT

MBI COMPANIES INC.

KNOXVILLE, TN 37919

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PROJECT INFORMATION



KNOXVILLE TVA **EMPLOYEES CREDIT UNION** NORTHSHORE BRANCH PROJECT ADDRESS:

> 1974 TOWN CENTER BOULEVAR KNOXVILLE, TN 37922

ACTIVE DESIGN PHASE

FOR PERMITTING ONLY SCHEMATIC DESIGN DESIGN DEVELOPMENT CONSTRUCTION BIDDING CONSTRUCTION DOCUMENTS

REVISION INFORMATION

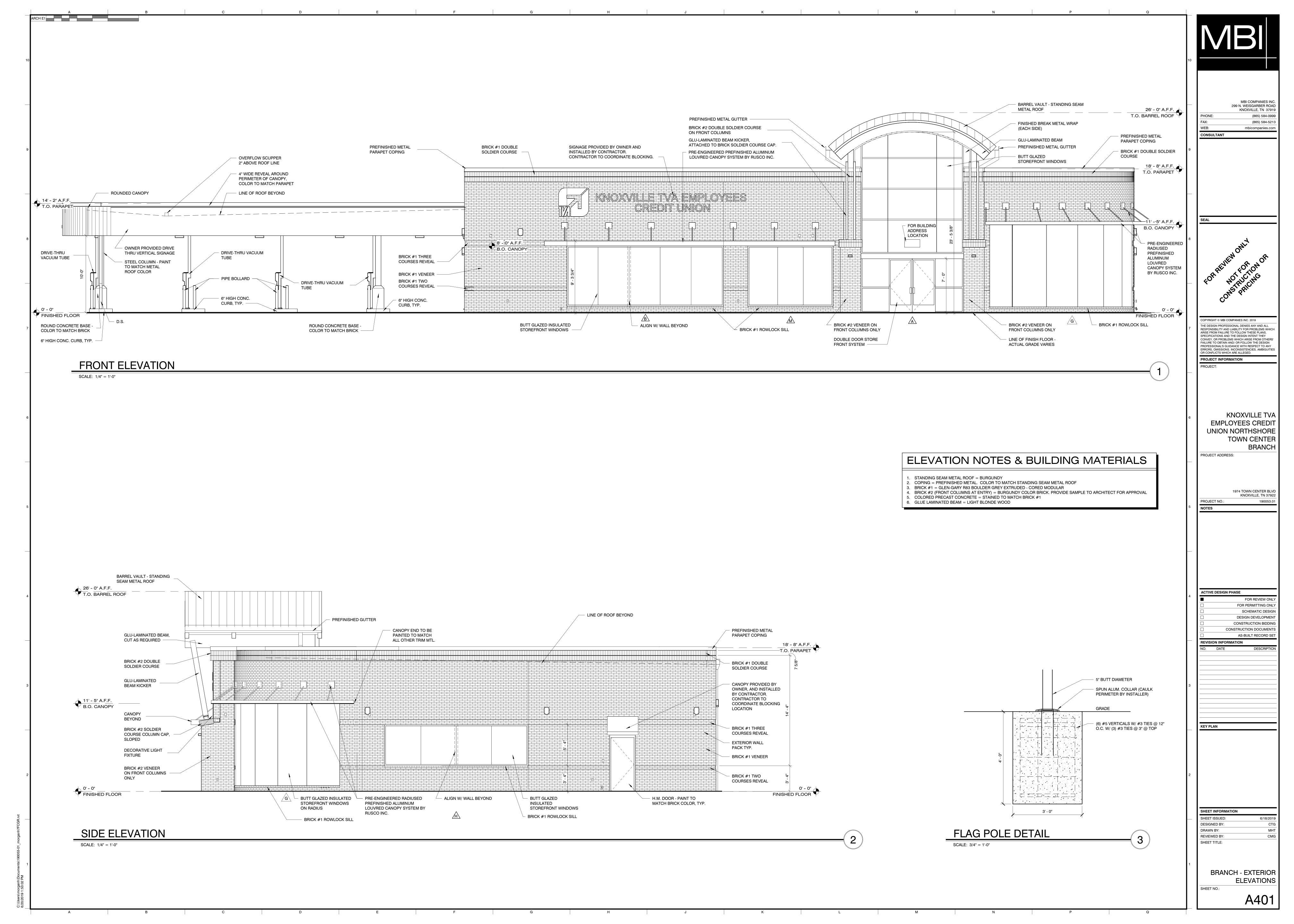
**KEY PLAN** 

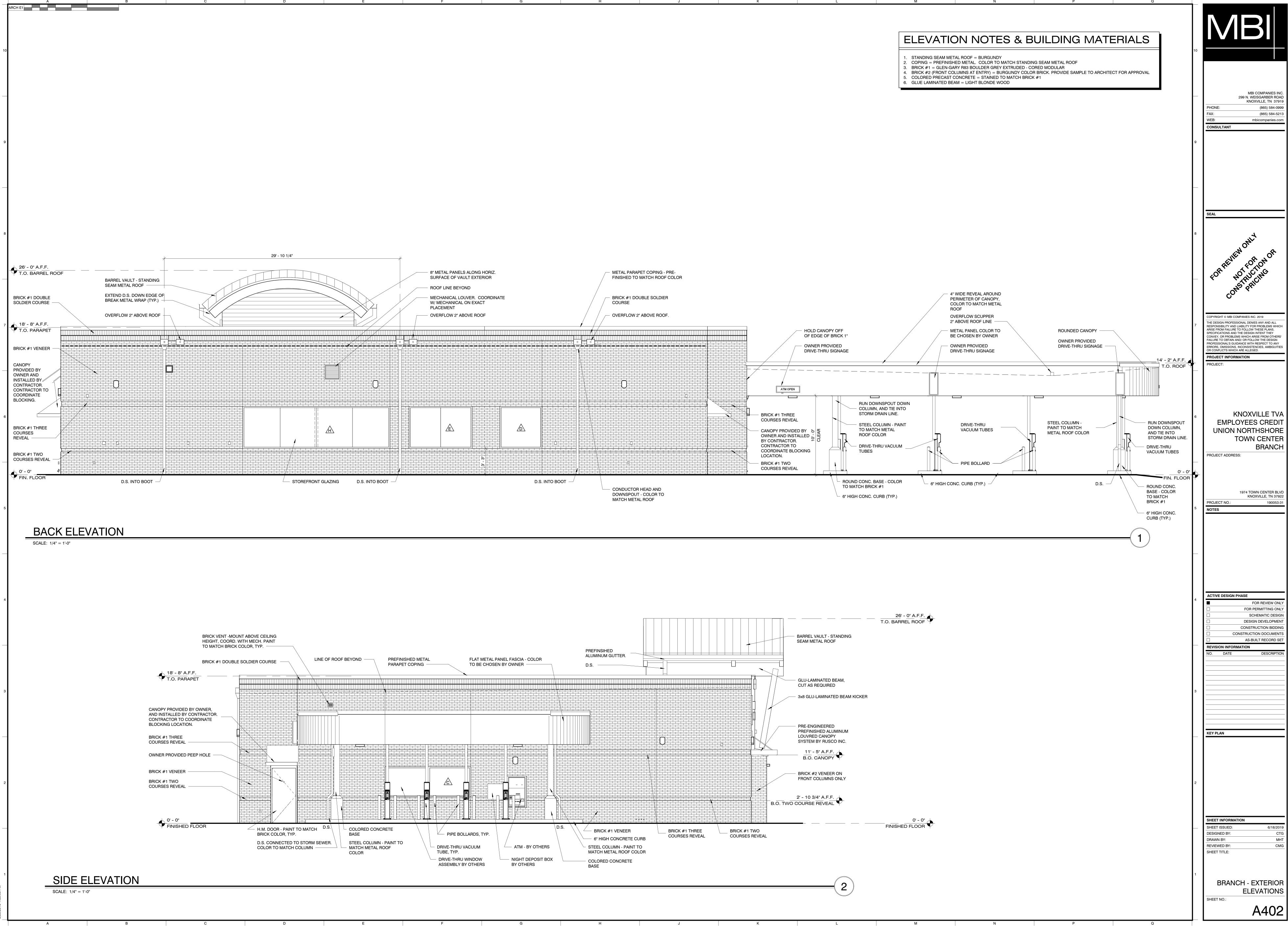
SHEET INFORMATION SHEET ISSUED: DESIGNED BY:

SITE LANDSCAPE PLAN

REVIEWED BY:

SHEET TITLE:



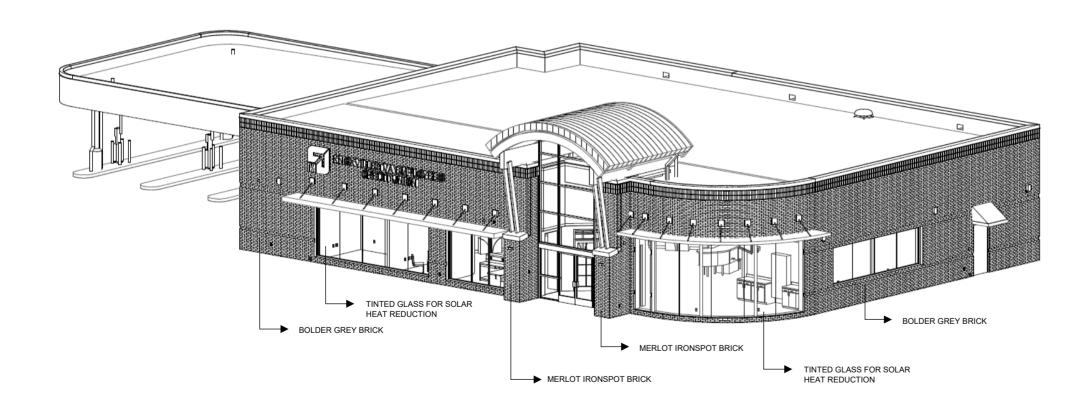


**KNOXVILLE TVA** 

SCHEMATIC DESIGN DESIGN DEVELOPMENT CONSTRUCTION BIDDING CONSTRUCTION DOCUMENTS AS-BUILT RECORD SET

**BRANCH - EXTERIOR ELEVATIONS** 









GLEN GERY - MERLOT IRONSPOT - FRONT ENTRY



GLEN GERY - BOLDER GREY - GENERAL



STOREFRONT COLOR (GLAZING TO BE TINTED)



ENTRY CANOPY COLOR

KNOXVILLE TVA EMPLOYEES CREDIT UNION NORTHSHORE TOWN CENTER BRANCH



## **D-Series Size 2**

### LED Area Luminaire





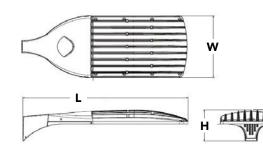


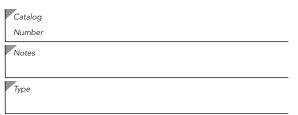




## Specifications

1.1 ft<sup>2</sup> EPA: (0.10 m<sup>2</sup>) 40" Length: (101.6 cm) 15" Width: (38.1 cm) 7-1/4" Height 1: (18.4 cm) Height 2: 3.5" (max): Weight: 36lbs





Hit the Tab key or mouse over the page to see all interactive elements

#### Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. The Size 2 is ideal for replacing 400-1000W metal halide in area lighting applications with energy savings of up to 80% and expected service life of over 100,000 hours.



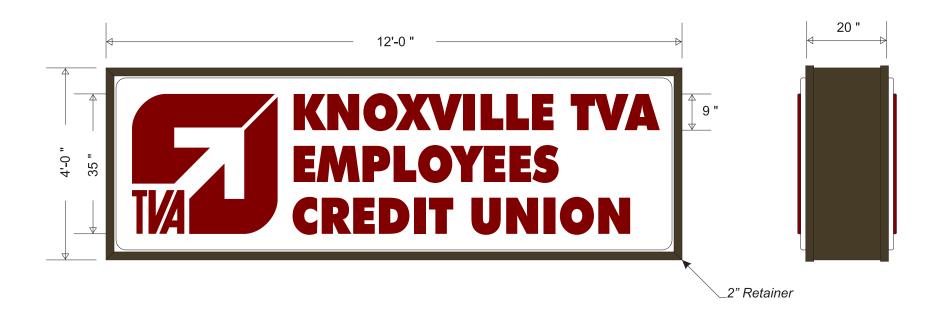
#### Ordering Information

#### **EXAMPLE:** DSX2 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX2 LED						
Series	LEDs	Color temperature	Distribution	Voltage	Mounting	
DSX2 LED	Forward optics	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type   Short T5VS Type   Very Short T2S Type   I Short T5S Type   Very Short T2M Type   I Medium T5M Type   Very Short T5M T5M Type   Very Short T5M T5M Type   Very Short T5M	MVOLT <sup>3</sup> 120 <sup>4</sup> 208 <sup>4</sup> 240 <sup>4</sup> 277 <sup>4</sup> 347 <sup>4</sup> 480 <sup>4</sup>	Shipped included  SPA Square pole mounting  RPA Round pole mounting  WBA Wall bracket  SPUMBA Square pole universal mounting adaptor 5  RPUMBA Round pole universal mounting adaptor 5  Shipped separately  KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) 6	

Control or	otions			Other	options	Finish (req	
Shipped	installed			Ship	ped installed	DDBXD	Dark bronze
NLTAIR2	nLight AIR generation 2 enabled 7	PIRH	Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enable at 5fc	HS	House-side shield 14	DBLXD	Black
PIRHN	Network, Bi-Level motion/ambient sensor <sup>8</sup>		-	SF	Single fuse (120, 277, 347V) 4	DNAXD	Natural aluminum
PER	NEMA twist-lock receptacle only (no controls) 9	FA0	Field Adjustable Output 13	DF	Double fuse (208, 240, 480V) 4	DWHXD	White
PER5	Five-wire receptacle only (no controls) 9,10			L90	Left rotated optics 1	DDBTXD	Textured dark bronze
PER7	Seven-wire receptacle only (no controls) 9,10			R90	Right rotated optics 1	DBLBXD	Textured black
DMG	0-10V dimming extend out back of housing for			Ship	ped separately	DNATXD	Textured natural aluminum
	external control (no controls)			BS	Bird spikes15	DWHGXD	Textured white
DS	Dual switching <sup>11,12</sup>			EGS	External glare shield <sup>15</sup>		





NOTE: One (1) double face sign with pan formed embossed acrylic faces painted on inside with acrylic paint. Internally illuminated with H.O. fluorescent lamps.

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Neon Service Co.					
SCALE: $\frac{1}{2}$ "=1'	APPROVED BY:	DRAWN BY:			
DATE: 6-25-19		S. M.			
NAME: TVA Credit Union (1974 Town Center Blvd.)					
DRAWING NUMBER 6-25-194241					



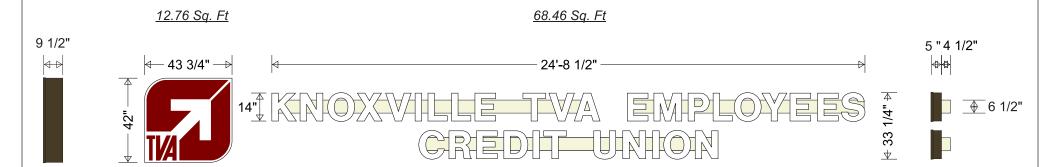
NOTE: Brick base by others.

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Neon Service Co.					
SCALE: $\frac{1}{2}$ "=1'	SCALE: $\frac{1}{2}$ APPROVED BY: DRAWN BY:				
DATE: 6-25-19		S. M.			
NAME:TVA Credit Union (1974 Town Center Blvd.)					
DRAWING NUMBER 6-25-194241					

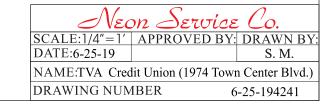
#### 2 Sets Required 162.44 Total Sq. Ft.

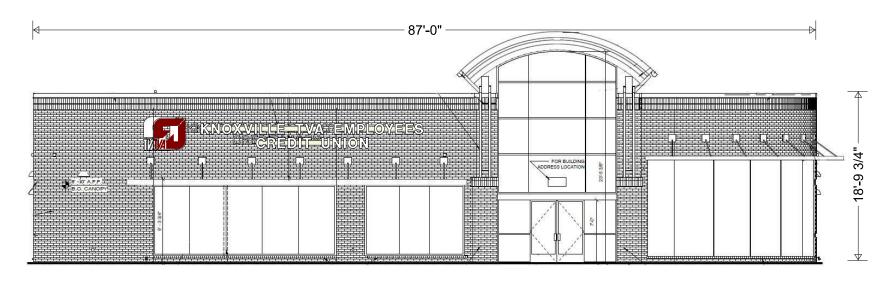


NOTE: Two (2) aluminum box signs with White acrylic faces with premium Burgundy vinyl applied Dark Bronze trim cap, and Dark Bronze returns. Internally illuminated with LEDs with power supplies mounted inside.

NOTE: Two (2) sets of aluminum channel letters with White acrylic faces, Dark Bronze trim cap, and Dark Bronze returns. Internally illuminated with LEDs with Power supplies mounted inside raceways painted to match building.

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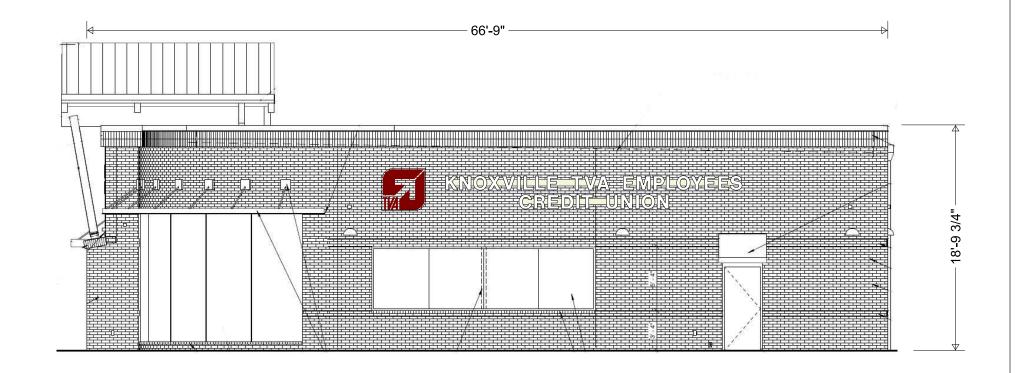




FRONT ELEVATION

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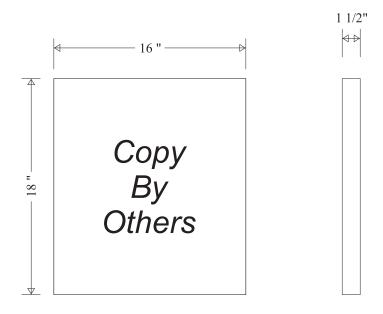
Neon Service Co.				
	APPROVED BY:	DRAWN BY:		
DATE:6-25-19		S. M.		
NAME:TVA Credit Union (1974 Town Center Blvd.)				
DRAWING NUMBER 6-25-194241				



#### SIDE ELEVATION

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NOTE: Clearance height to be determined.

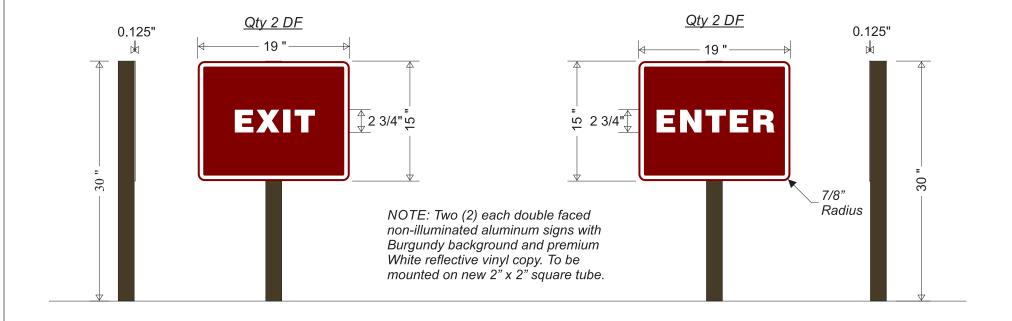


NOTE: Five (5) flat aluminum panels White with premium Burgundy vinyl copy.

NOTE: Four (4) .050" aluminum signs with White baked on enamel finish. Vinyl copy to be applied by others. 1 ½" Panned face with back. To be mounted on existing columns at drive-thru.

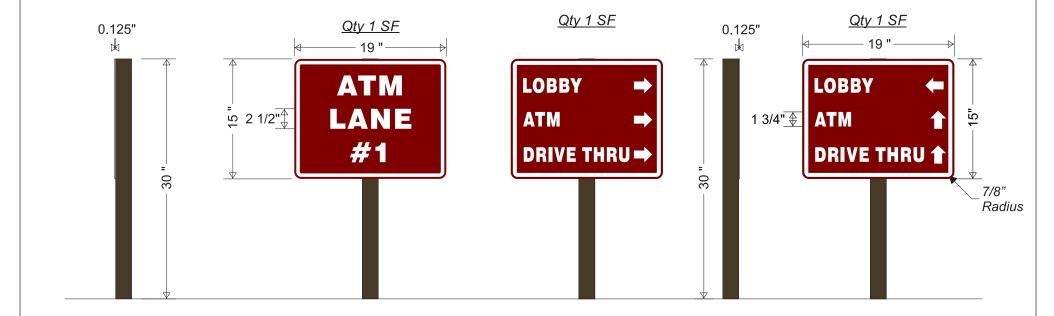
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[	SCALE:1"=1'	APPROVED BY:	DRAWN BY:		
	DATE:6-25-19		S. M.		
	NAME:TVA Credit Union (1974 Town Center Blvd.)				
	DRAWING NUM	IBER 6	5-25-194241		



NOTE: Three (3) single face non-illuminated aluminum signs with Burgundy background and premium White reflective vinyl copy. To be mounted on new 2" x 2" square tube.

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