PINNACLE STORAGE

<u>OWNER:</u>

JOE TOUCHTON
6017 CHALMERS DR
KNOXVILLE, TN 37920
(865) 659-9121

DEVELOPER:

ROBERT HIGH DEVELOPMENT 324 GREENVILLE AVE WILMINGTON, NC 28403 (910) 790-9490

ENGINEER/SURVEYOR:

ROMANS ENGINEERING

1923 HOPEWELL RD.

KNOXVILLE, TN 37920

TERRY E. ROMANS, PE, RLS

SITE ADDRESS AND PROPERTY INFO:

PARCEL ID 138 082.00

OFF OF CHAPMAN HWY

KNOXVILLE, TN 37920

DEED 201201050036915

PLAT 200706260106219

LOT 1 — "RESUB OF THE SAM KECK & GUY LEWIS PROPERTY"

PARCEL ID 138 082.01

121 WHITES SCHOOL RD

KNOXVILLE, TN 37920

DEED 201201050036915

PLAT 200706260106219

LOT 2 — "RESUB OF THE SAM

KECK & GUY LEWIS PROPERTY"

PARCEL ID 138 082.02

OFF OF WHITES SCHOOL RD

KNOXVILLE, TN 37920

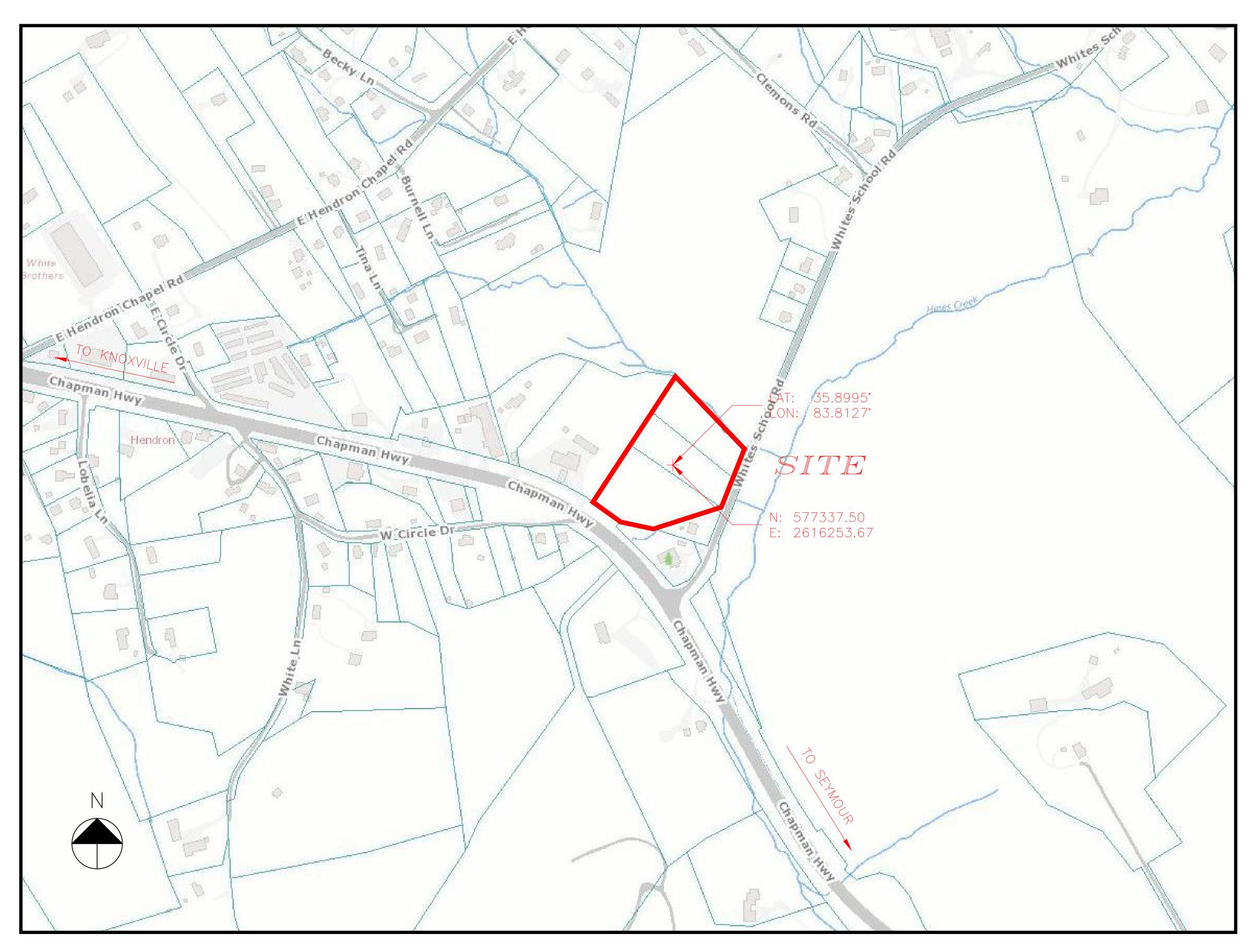
DEED 201201050036915

PLAT 200706260106219

LOT 3 — "RESUB OF THE SAM

KECK & GUY LEWIS PROPERTY"

CHAPMAN HIGHWAY KNOXVILLE, TENNESSEE



DRAWING INDEX:

- C1 EXISTING SITE CONDITIONS
- C2 SITE LAYOUT
- C3 GRADING & DRAINAGE

5-E-23-UR 4/25/2023

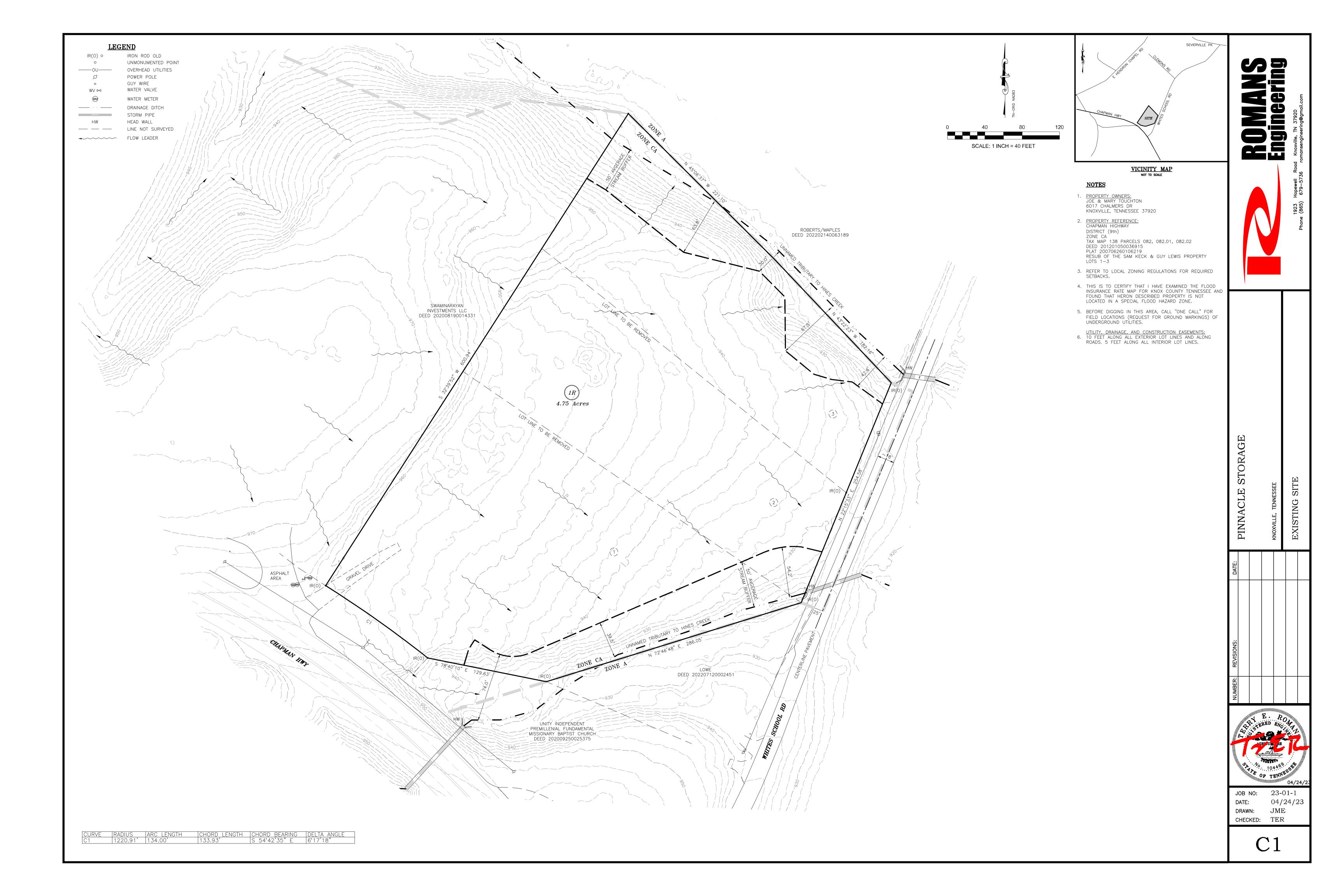


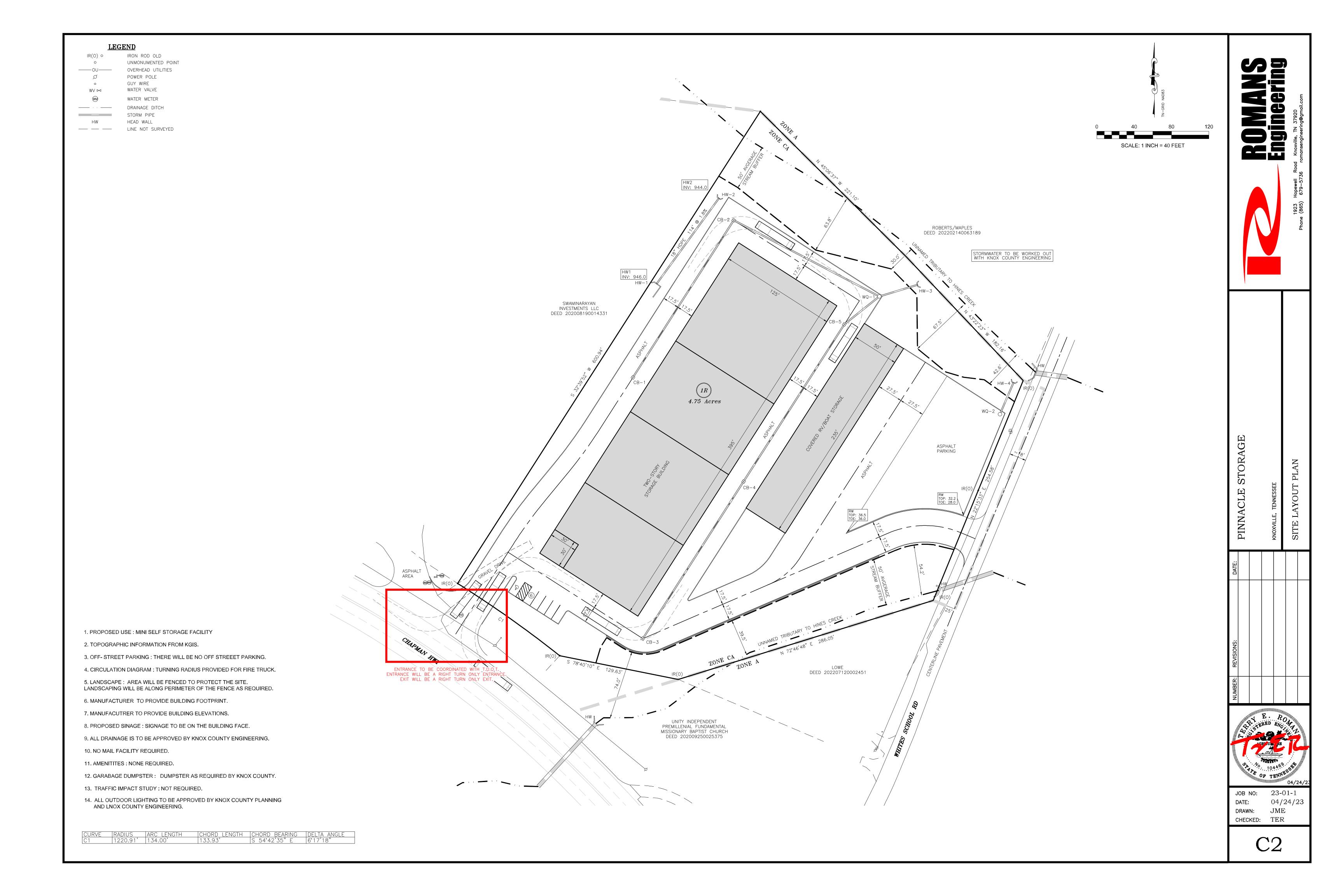


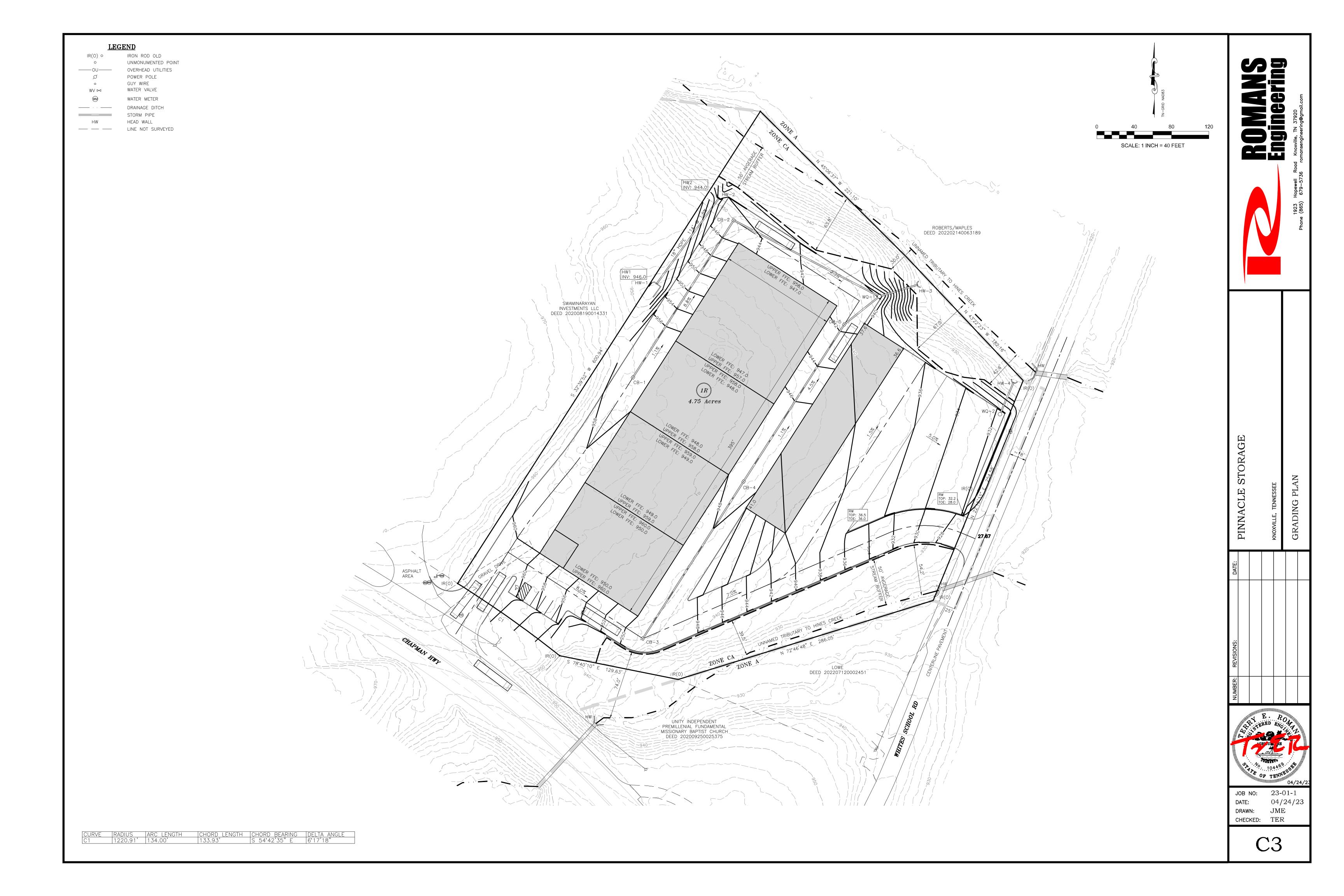


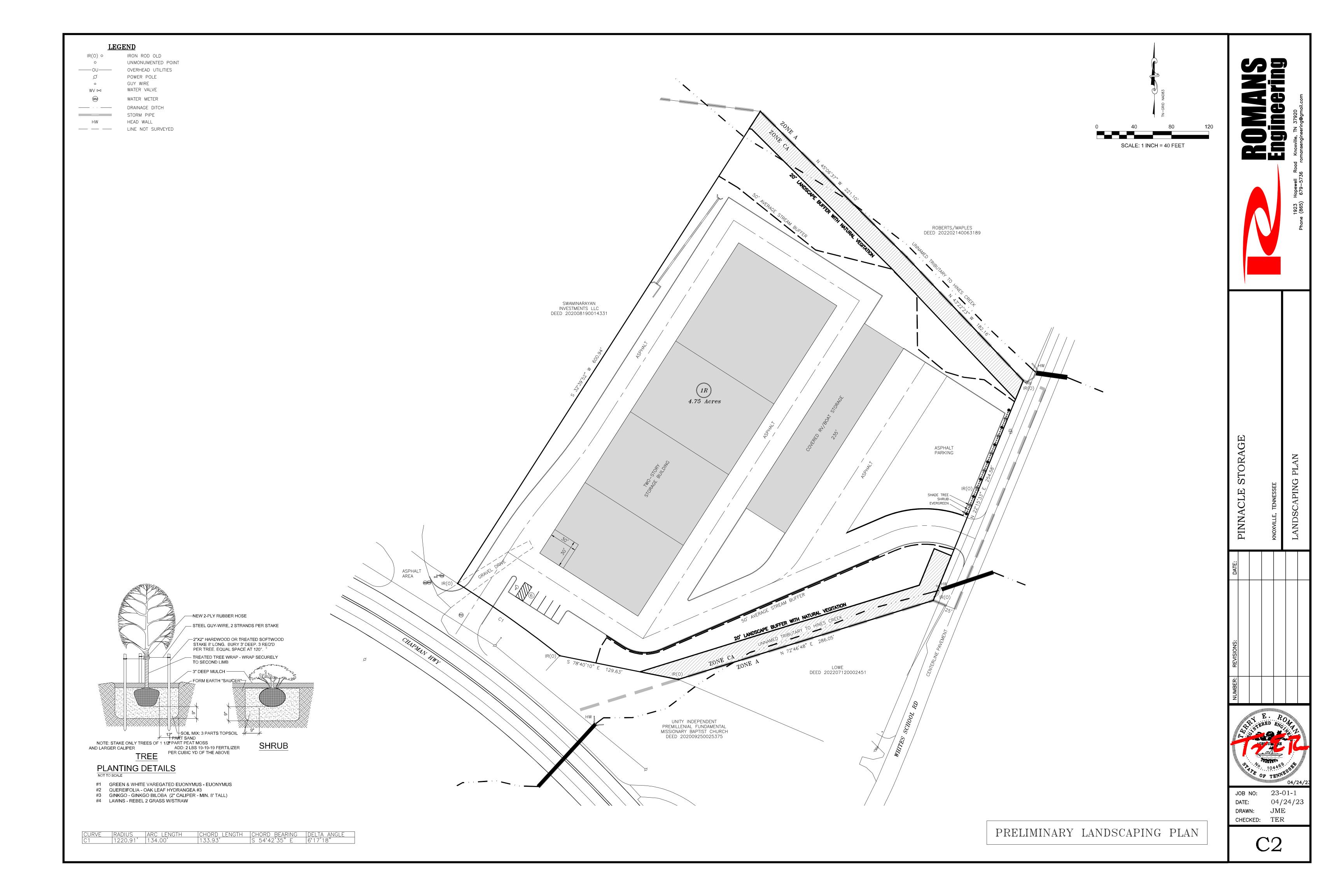
5- -23-UR

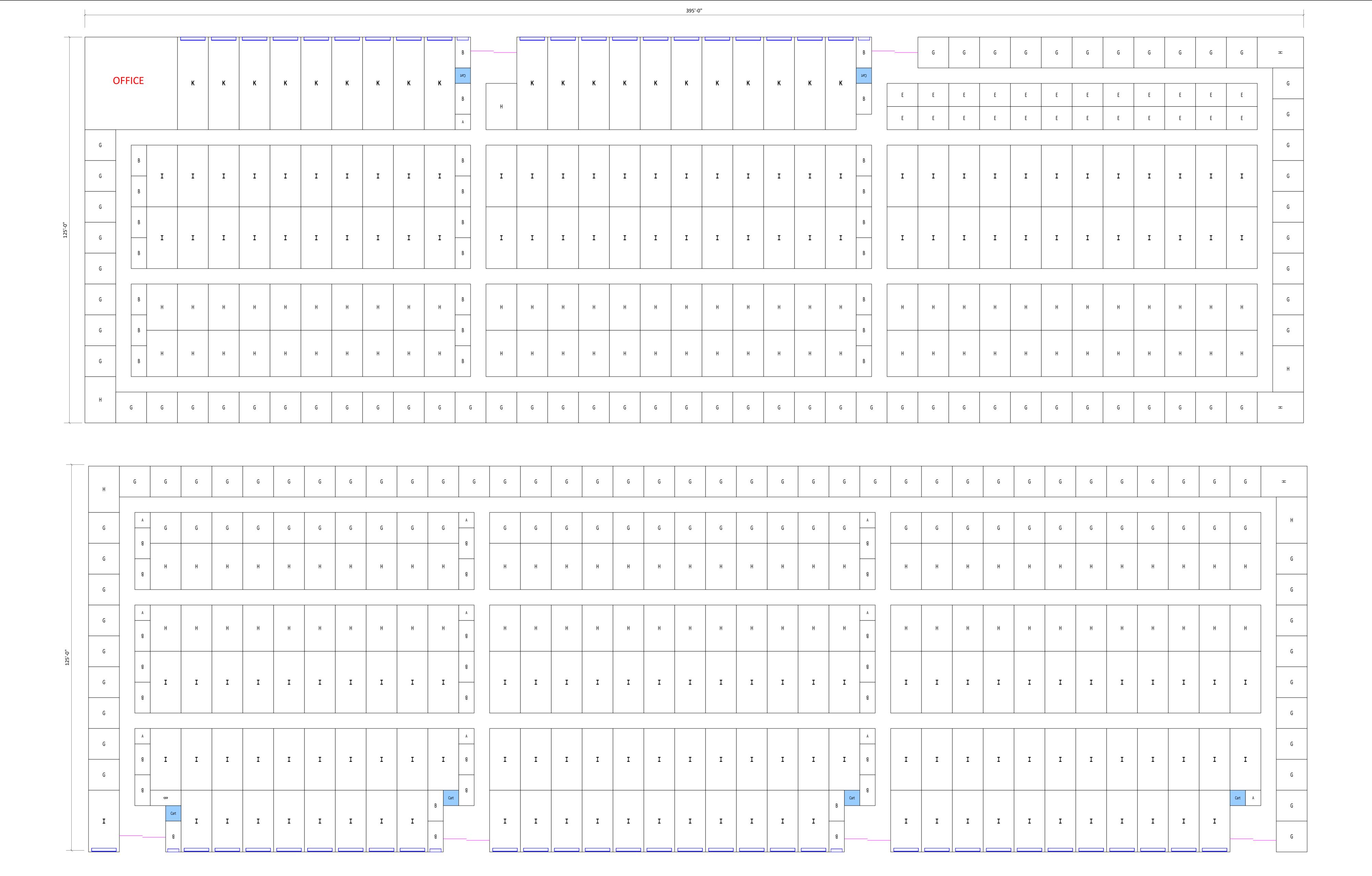
USE ON REVIEW











UNIT MIX SCHEDULE						
<u>UNIT TAG</u>	<u>DESCRIPTION</u>	UNIT COUNT		<u>UNIT TAG</u>	<u>DESCRIPTION</u>	INIT COU
Α	5' x 5'	0	_	ı	10' x 20'	0
В	5' x 10'	0		J	10' x 25'	0
С	5' x 15'	0		K	10' x 30'	0
D	5' x 20'	0		L	5x10 Cart	0
Е	7.5' x 10'	0		M	15' x 20'	0
F	8' x 10'	0		N	15' x 25'	0
G	10' x 10'	0		О	15' x 30'	0
Н	10' x 15'	0		Р	15'x50'	0

COD ADDDOVAL ONLY	DATE:
OR APPROVAL ONLY NOT FOR FIELD USE	4/24/23
AATURE	DRAWN BY:
	Kevin Neal
E	SCALE:



PROJECT NAME:	Chapman Road	
PROJECT ADDRESS:	Knoxville TN	
OWNER:	RHD	PROJECT NO.:
SHEET TITLE:		DRAWING NUMBER:

DESCRIPTION

The Galleon™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and security lighting applications. IP66 rated and UL/cUL Listed for wet locations.

Catalog #	Туре
	_
Project	
Comments	Date
Prepared by	7

SPECIFICATION FEATURES

Construction

Extruded aluminum driver enclosure thermally isolated from Light Squares for optimal thermal performance. Heavy-wall, diecast aluminum end caps enclose housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3G vibration tested and rated. Optional tool-less hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics

Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application spacing. AccuLED Optics create consistent distributions with the scalability to meet customized application requirements. Offered standard in 4000K (+/- 275K) CCT 70 CRI. Optional 3000K, 5000K and 6000K CCT.

Electrical

LED drivers are mounted to removable tray assembly for ease of maintenance. 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 480V Wye systems only. Standard with 0-10V dimming. Shipped standard with Cooper Lighting Solutions proprietary circuit module designed to withstand 10kV of transient line surge. The Galleon LED luminaire is suitable for operation in -40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the HA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 600mA. 800mA and 1200mA drive currents (nominal).

Mounting

STANDARD ARM MOUNT:
Extruded aluminum arm includes internal bolt guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to the arm mounting requirement table. Round pole adapter included. For wall mounting, specify wall mount bracket option. QUICK MOUNT

ARM: Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knockout enables round pole mounting.

Finish

Housing finished in super durable TGIC polyester powder coat paint, 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and graphite metallic. RAL and custom color matches available.

Warranty

Standard five-year warranty.
Optional ten-year warranty,
please see your Cooper
Lighting Solutions Streetworks
sales representative for more
information.



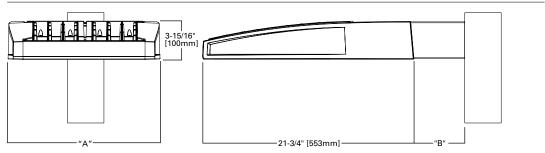
Streetworks

GAN GALLEON LED

1-10 Light Squares Solid State LED

AREA / ROADWAY LUMINAIRE

DIMENSIONS



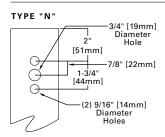
DIMENSION DATA

Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Optional Arm Length ¹	Weight with Arm (lbs.)	EPA with Arm ² (Sq. Ft.)			
1-4	15-1/2" (394mm)	7" (178mm)	10" (254mm)	33 (15.0 kgs.)	0.96			
5-6	21-5/8" (549mm)	7" (178mm)	10" (254mm)	44 (20.0 kgs.)	1.00			
7-8	27-5/8" (702mm)	7" (178mm)	13" (330mm)	54 (24.5 kgs.)	1.07			
9-10	33-3/4" (857mm)	7" (178mm)	16" (406mm)	63 (28.6 kgs.)	1.12			

NOTES: 1. Optional arm length to be used when mounting two fixtures at 90° on a single pole. **2.** EPA calculated with optional arm length.

O COOPER

DRILLING PATTERN







CERTIFICATION DATA

UL/cUL Wet Location Listed ISO 9001 LM79 / LM80 Compliant 3G Vibration Rated IP66 Rated DesignLights Consortium® Qualified*

ENERGY DATA

Electronic LED Driver

>0.9 Power Factor <20% Total Harmonic Distortion 120V-277V 50/60Hz 347V & 480V 60Hz -40°C Min.Temperature 40°C Max. Temperature (HA Option)

Ø

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

SLING Series

SLENDER WALLPACK

FEATURES

- Two sizes for a variety of applications
- · Ranges from 21W to 80W with up to 8000 lumens
- SG1 Series replaces from 100W-150W HID; SG2 Series replaces from 150W-250W HID
- Comfort lens available as an option or accessory provides glare control and enhanced uniformity
- Knuckle and trunnion accessory mounting kits available for flood applications
- IP65 and certified to UL 1598 for use in wet locations up to 40°C ambient
- DLC (DesignLights Consortium Qualified see www.designlights.org









RELATED PRODUCTS

8 LNC Litepak

8 LNC2 Litepak

8 LNC3 Litepak

tradeSELECT

8 LNC4 Litepak

8 GeoPak

∂ GeoPak2

SPECIFICATIONS

HOUSING

- Rugged die-cast aluminum housing with corrosion resistant powder coat finish
- Heating dissipating fins provide superior thermal performance extending the life of the electronic components
- Impact resistant tempered glass offers zero uplight
- Comfort lens available as an option or accessory to reduce glare (7-10% lumen reduction) and provide better uniformity

OPTICS

- 3000K, 4000K and 5000K CCT nominal with 70 CRI
- Smaller SG1 housing has 2 LEDs, larger SG2 housing has 3 LEDs

INSTALLATION

- Side hinge allows for easy installation and wiring
- Side movement avoids damage to the lens and helps prevent injury common in drop down hinge designs
- Mounts to 4" junction box and includes a gasket to help seal electrical connections
- Four 1/2" threaded conduits hubs for surface conduit provided

ELECTRICAL

- 120-277V, 50/60Hz electronic drivers
- 347V and 480V available in large SG2 housing
- 10KA surge protection included

OPTIONS/CONTROLS

- Button photocontrol for dusk to dawn energy savings. Stock versions include 120V-277V PC with a cover which provides a choice to engage photocontrol or not. PC is installed in top hub
- Occupancy sensor available for on/off and dimming control in larger SG2 housing
- SiteSync™ wireless lighting control delivers flexible control strategies for reducing power consumption and minimizing maintenance costs while delivering the right light levels with a simple and affordable wireless solution. See ordering information or visit www.hubbelllighting.com/sitesync for more details
- Battery backup options available in larger SG2 housing rated for either 0° C or -30° C. Performance exceeds NEC requirement providing 1 fc minimum over 10'x10' at 11' mounting height

CERTIFICATIONS

- DesignLights Consortium® (DLC) qualified.
 Please refer to the DLC website for specific product qualifications at www.designlights.org
- Listed to UL1598 for use in wet location, listed for -40°C to 40°C applications
- IDA approved with zero uplight for 3000K and warmer CCTs
- IP65

WARRANTY

- 5 year limited warranty
- See <u>HLI Standard Warranty</u> for additional information

KEY DATA					
Lumen Range	2263-8079				
Wattage Range	21-80				
Efficacy Range (LPW)	101-113				
Fixture Projected Life (Hours)	L70>50K				
Weights lbs. (kg)	4.3-11 (2.0-5.0)				





SLING SERIES

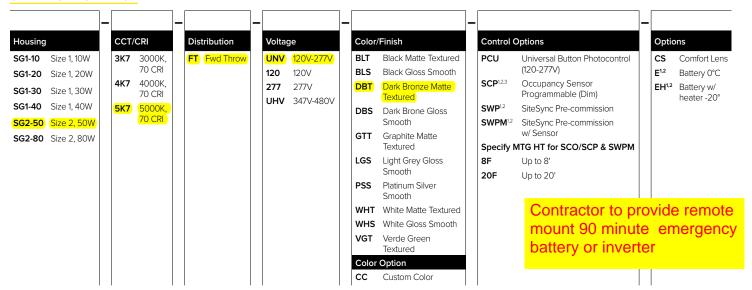
SLENDER WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ORDERING GUIDE

Example: SG1-20-3K7-FT-UNV-DBT-PCU-CS
CATALOG #

ORDERING INFORMATION



Notes:

- 1 Available in SG2 only, UHV available in SG2-50 only
- 2 Sensor controls & battery backup can not be used with flood accessory or kit or for inverted/up mounting, 120-227V only for SCO/SCP, 120 or 277 only for SWP, SWPM, E & EH
- 3 Must order minimum of one remote control to program dimming settlings, 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, 120-277V only

STOCK ORDERING INFORMATION

Catalog Number	CCT/CRI	Wattage	Mounting Height	Color	Color	Delivered Lumens	LPW	Weight lbs. (kg)
SG1-10-PCU	5000K/70	11W	8–12ft	120-277V	Dark Bronze	1349	122	4.3 (2.0)
SG1-10-4K-PCU	4000K/70	11W	8–12ft	120-277V	Dark Bronze	1424	129	4.3 (2.0)
SG1-20-PCU	5000K/70	21W	8–12ft	120-277V	Dark Bronze	2263	108	4.3 (2.0)
SG1-20-4K-PCU	4000K/70	21W	8–12ft	120-277V	Dark Bronze	2310	110	4.3 (2.0)
SG1-30-PCU	5000K/70	29W	10-15ft	120-277V	Dark Bronze	3270	113	4.3 (2.0)
SG1-30-4K-PCU	4000K/70	29W	10-15ft	120-277V	Dark Bronze	3060	105	4.3 (2.0)
SG1-40-PCU	5000K/70	38W	10-15ft	120-277V	Dark Bronze	4008	105	4.3 (2.0)
SG1-40-4K-PCU	4000K/70	38W	10-15ft	120-277V	Dark Bronze	4070	106	4.3 (2.0)
SG2-50-PCU	5000K/70	51W	12-18ft	120-277V	Dark Bronze	5548	110	11 (5.0)
SG2-50-4K-PCU	4000K/70	51W	12–18ft	120-277V	Dark Bronze	5526	109	11 (5.0)
SG2-80-PCU	5000K/70	80W	15–25ft	120-277V	Dark Bronze	8061	101	11 (5.0)
SG2-80-4K-PCU	4000K/70	80W	15–25ft	120-277V	Dark Bronze	8079	101	11 (5.0)





CUSO

LED AC/EMERGENCY OUTDOOR LIGHT

LOCATION: DATE TYPE: PROJECT: CATALOG #:

FEATURES

- Includes self-diagnostic/self-test feature to monitor proper operation
- · Quick installation
- Universal 120-277VAC input, 60Hz.
- Includes long-life 7.2V Nickel Cadmium battery for UL recognized 90 minute operation
- Full re-charge within 24 hours
- · Provided with water-proof test switch and AC-On indicator
- 0°C to 50°C Standard Model, -25°C to 50°C with optional heater
- · UL924 and Wet Location Listed



SPECIFICATIONS

DESCRIPTION

- · The CUSO Series is an architectural, lowprofile outdoor light, offering "normally On" AC and emergency lighting with powerful LED illumination
- · The housing is fully sealed and gasketed, and has an IP65 rating
- · Designed for wall mounting with universal K/O pattern in back-plate for easy installation to most standard size junction boxes
- top, center of the housing
- Illumination provided by 8 high power LEDs which achieve 1,600 lumens in AC and 600 lumens in emergency

Description

 Available in 3000K or 4000K color temperature

ORDERING GUIDE

Catalog Number

CUSO DB

CUSO DB-H

- · Models at 3000K include a photo-sensor and PIR(passive infra-red) motion detector which cannot be altered
- · The unit will only turn on in AC mode when motion is detected. Models at 4000K include a photo-sensor and do not include motion detector
- · The unit can be controlled by a switch, timer or the photo-cell

APPLICATION

Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag., Dark Bronze

Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag., Dark Bronze, Heater

• The CUSO Series can be applied in areas that are susceptible to rain and severe moisture like parking decks, and outdoor Egress requirements

tradeSELECT^{*}



RELATED PRODUCTS

- Exit & Message Signs
- **Emergency Lighting Units**
- 8 **Battery Packs**
- Remote Heads & Fixtures

COMPLIANCES

- · UL924 Listed for Wet Location
- NFPA 101
- NFPA 70
- OSHA

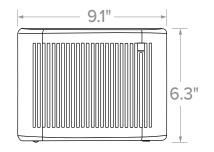
WARRANTY

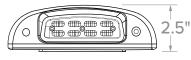
- · 5 year full unit warranty
- · See HLI Standard Warranty for additional information

ENERGY CONSUMPTION

	Max.	Max. with heater
120VAC, 60Hz	3.59W	3.40W
277VAC, 60Hz	3.59W	3.40W

DIMENSIONS





Single Carton Weight	4 lbs.
Master Carton Quantity	6 each

• Includes a single 1/2" NPT conduit entry in the

commercial applications to meet all Path of

CUSO BK Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag., Black CUSO BK-H Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag., Black, Heater **CUSO WH** Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag., White CUSO WH-H Outdoor AC/EM, 3000K, Photo-sensor and PIR Motion Detect, Self-Diag., White, Heater CUSO4DB-ND Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag., Dark Bronze CUSO4DB-H-ND Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag., Dark Bronze, Heater CUSO4BK-ND Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag., Black

Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag., Black, Heater

Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag., White, Heater

Outdoor AC/EM, 4000K, Photo-sensor, Self-Diag., White



CUSO4BK-H-ND

CUSO4WH-ND

CUSO4WH-H-ND