CASWELL MANOR APARTMENTS 1501 EAST 5TH STREET KNOXVILLE, TN



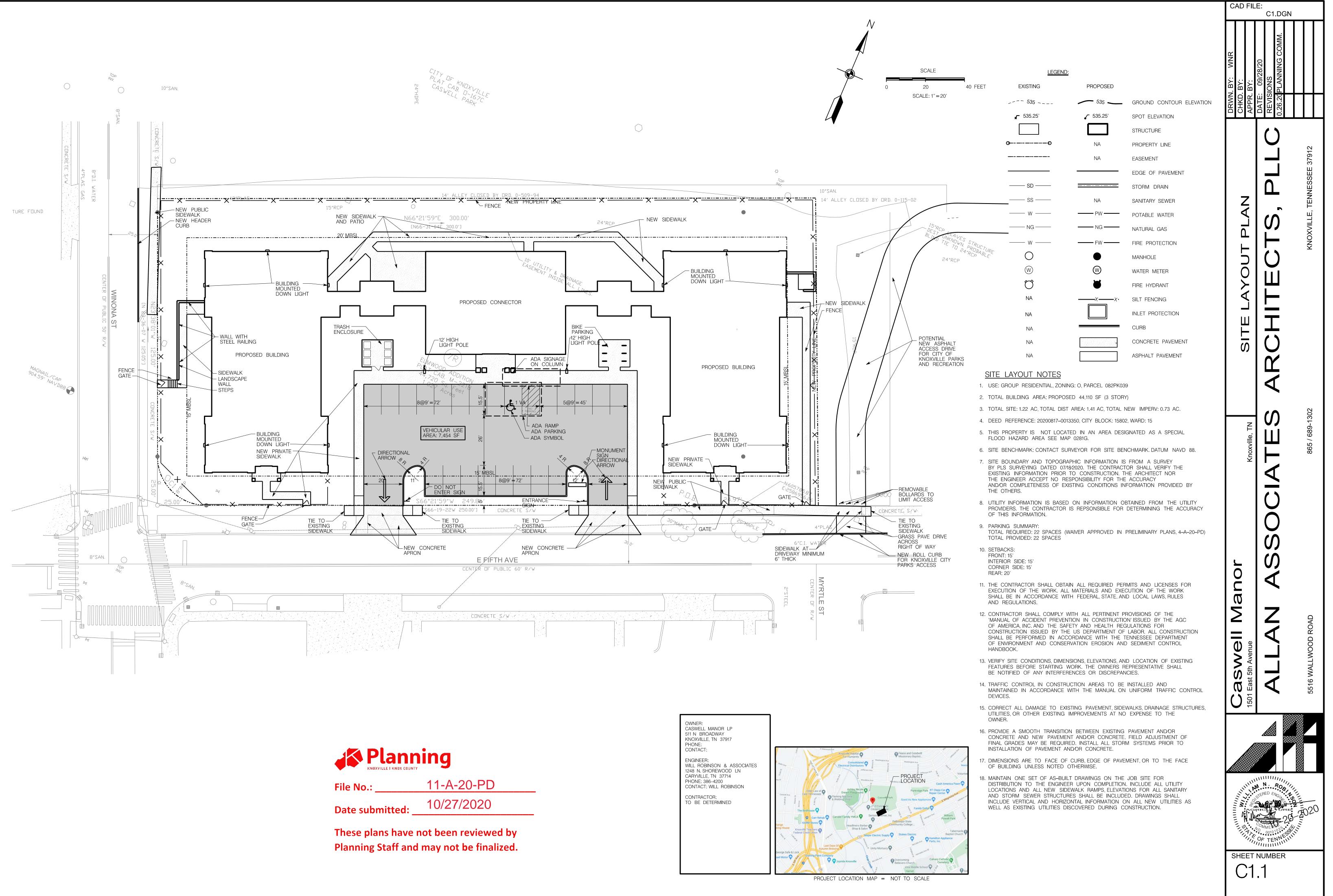
Planning

File No.: _____11-A-20-PD

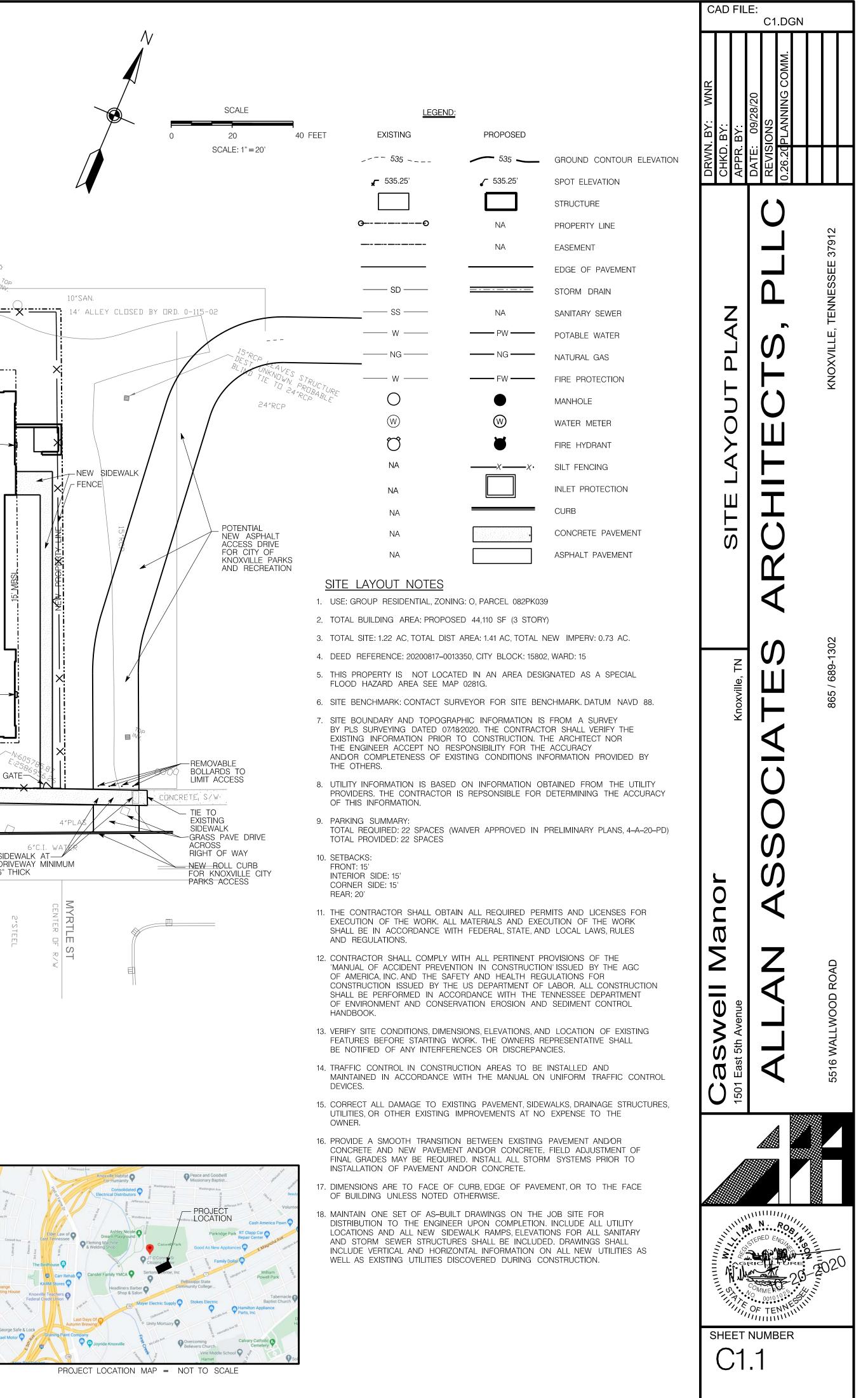
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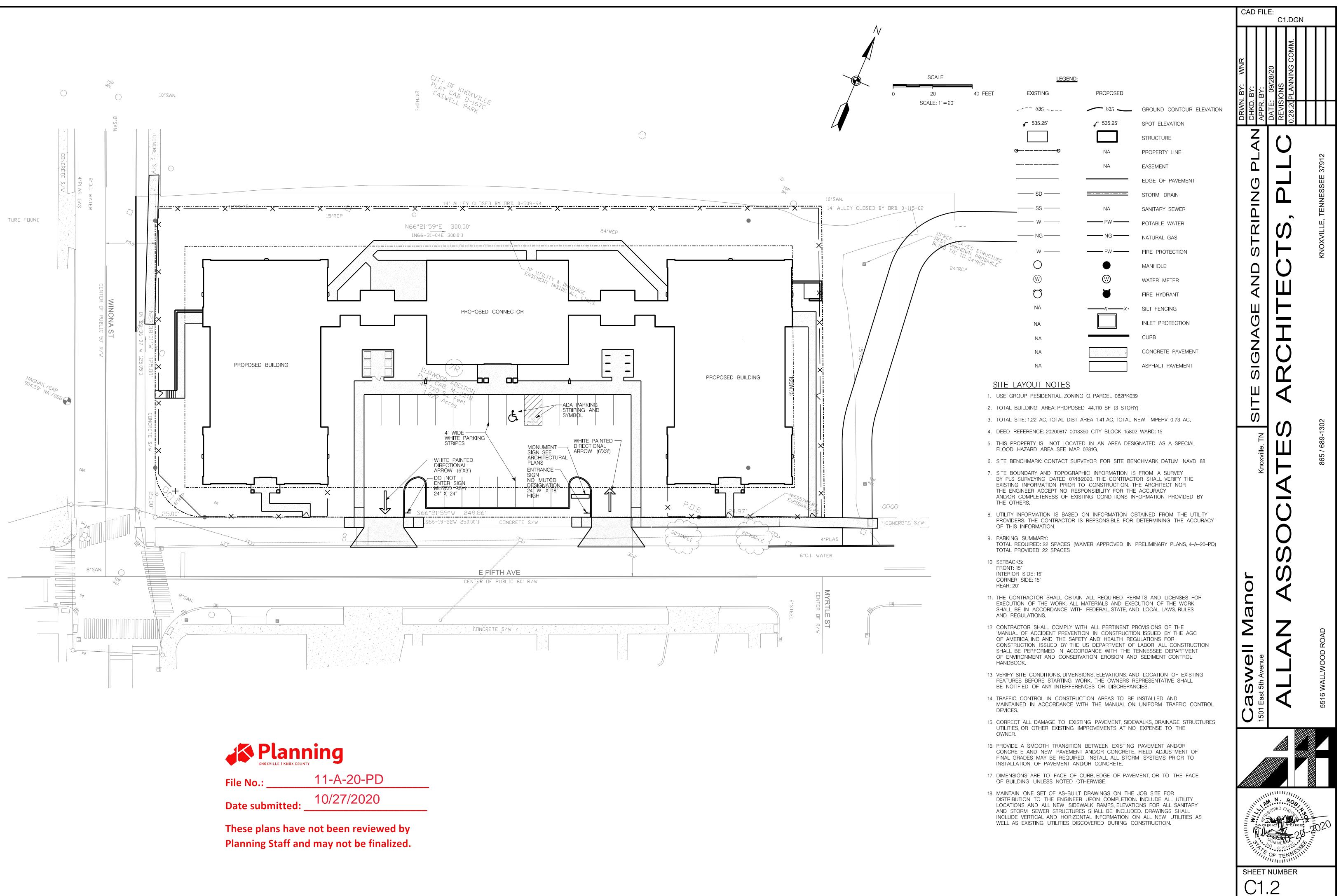
These plans have not been reviewed by Planning Staff and may not be finalized.

DATE: 9-28-2020



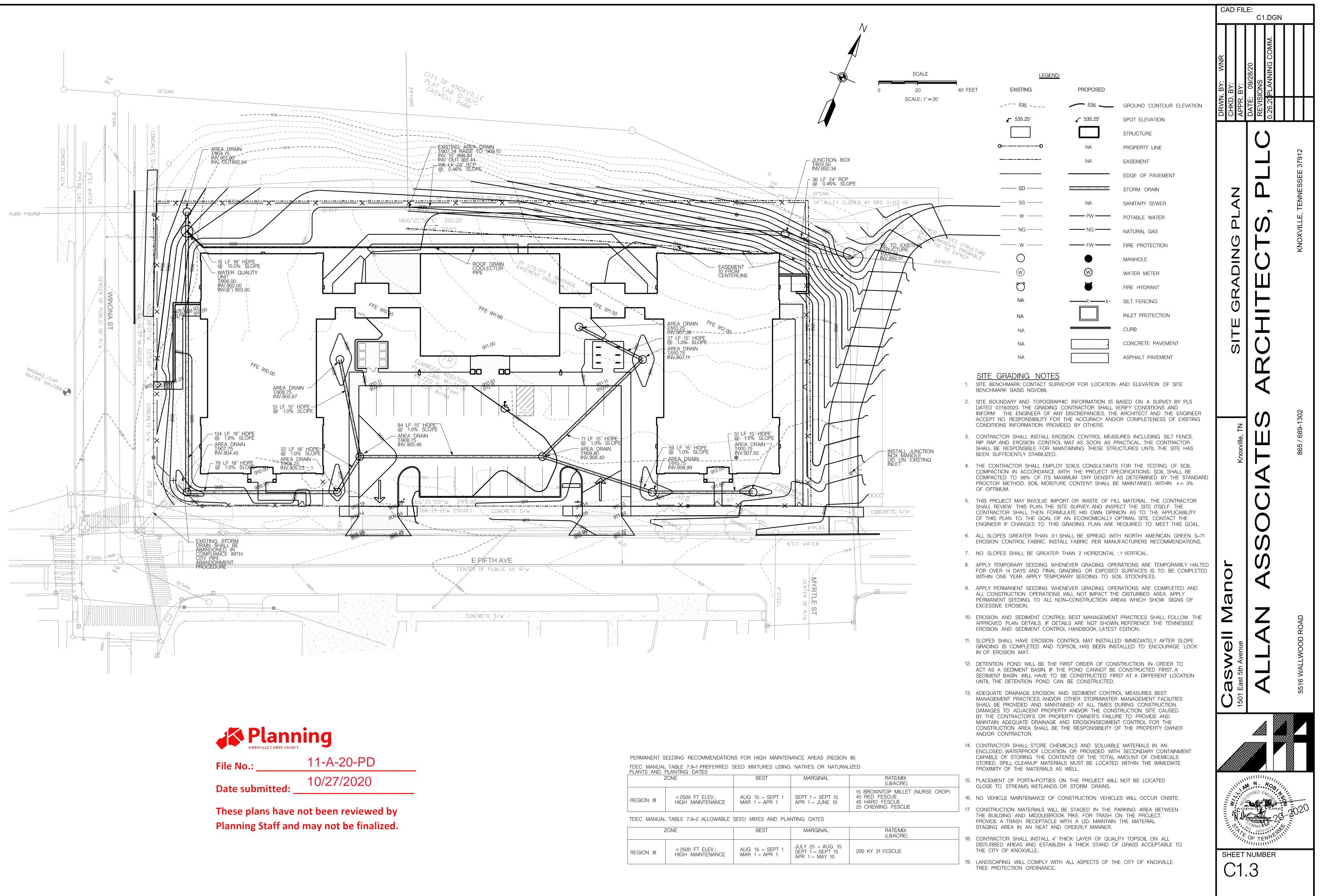






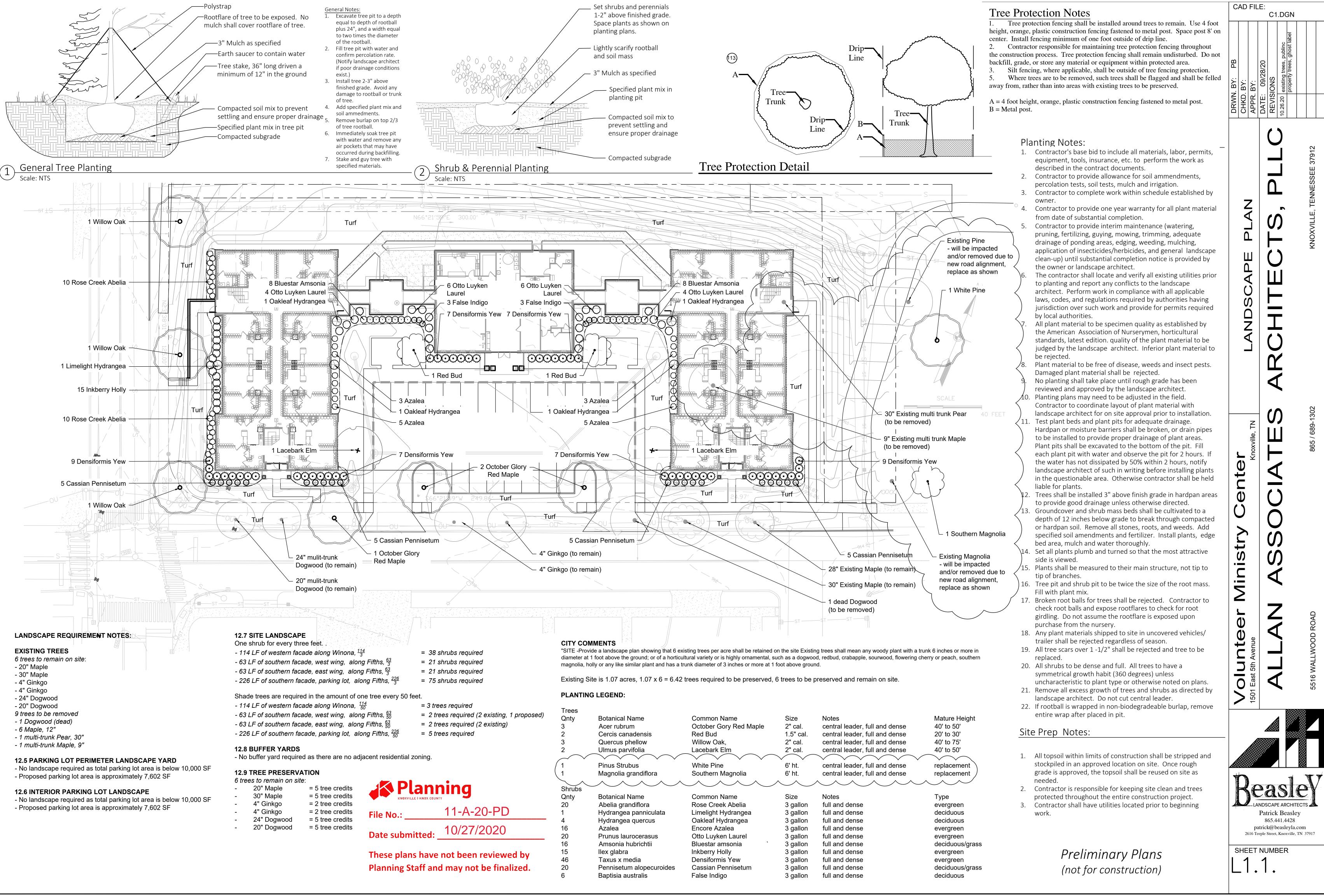
Planning KNOXVILLE I KNOX COUNTY
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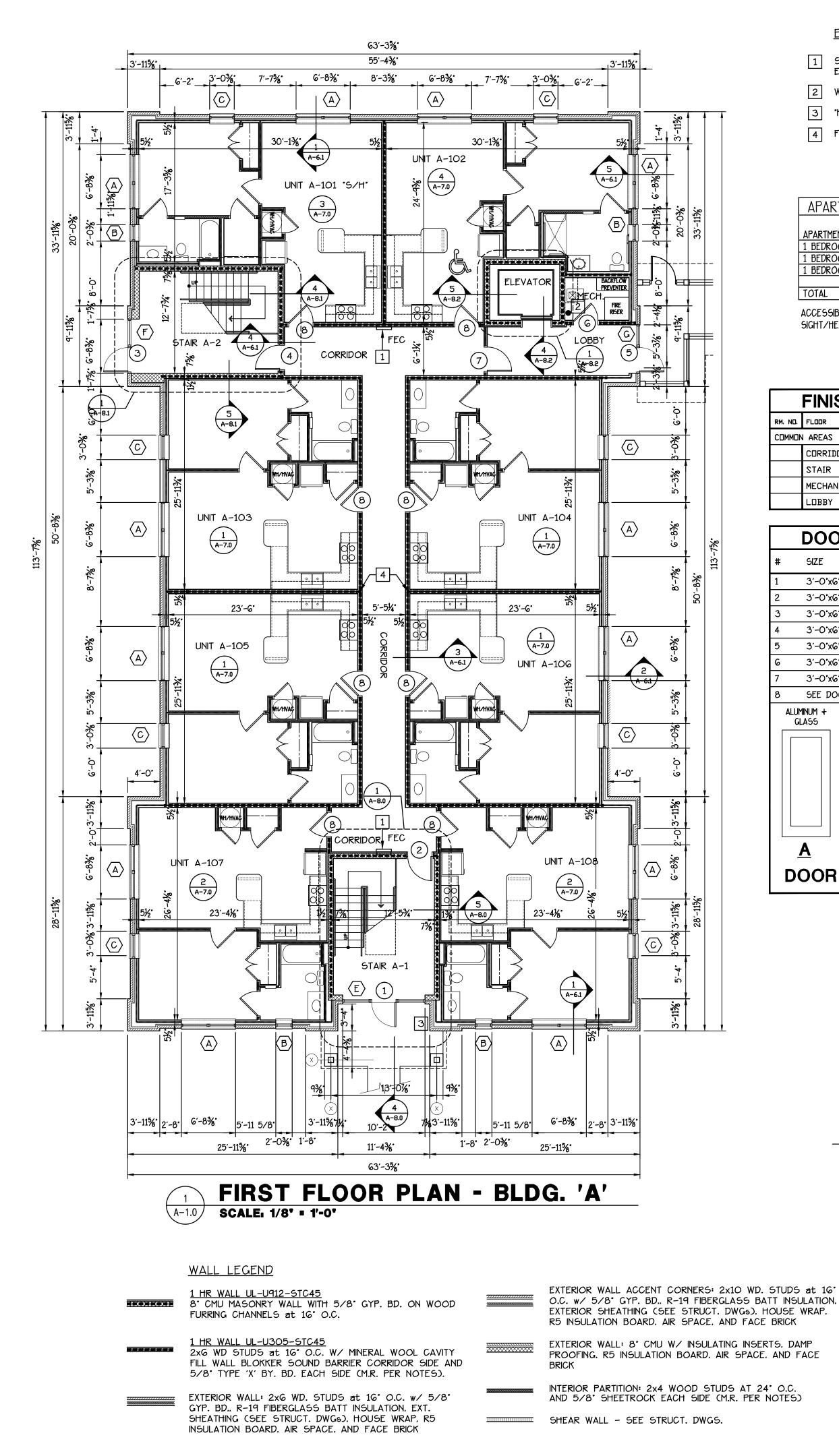
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Date submitted:	10/27/2020



Plann KNOXVILLE I KNOX COUNTY	ing
File No.:	11-A-20-PD
Date submitted:	10/27/2020

ZONE		BEST	MARGINAL	RATE/MIX (LB/ACRE)					
REGION III <2500 FT ELEV.; HIGH MAINTENANCE		AUG 15 – SEPT 1 MAR 1 – APR 1	SEPT 1 – SEPT 15 APR 1 – JUNE 10	15 BROWNTOP MILLET (1 45 RED FESCUE 45 HARD FESCUE 25 CHEWING FESCUE					
TDEC MANUA	L TABLE 7.9–2 ALLOWABLE	SEED MIXES AND PLA	NTING DATES						
ZONE		BEST	MARGINAL	RATE/MIX (LB/ACRE)					
REGION III	<2500 FT ELEV.; HIGH MAINTENANCE	AUG 15 – SEPT 1 MAR 1 – APR 1	JULY 25 – AUG 15 SEPT 1 – SEPT 15 APR 1 – MAY 10	200 KY 31 FESCUE					





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BUILDING PLAN NOTES

1 SEMI-RECESSED 1 HOUR RATED FIRE EXTINGUISHER CABINET 10LB-4A80BC EXTINGUISHERS.

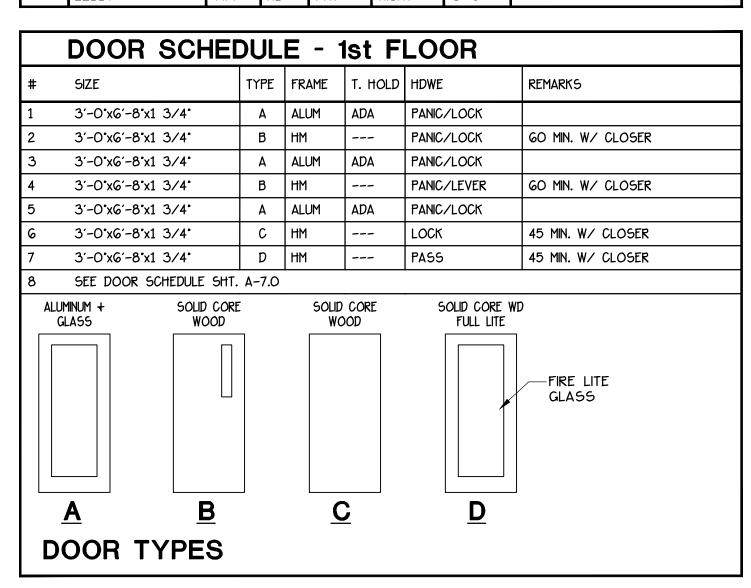
- 2 WALL MOUNTED 10 LB. 4A80BC FIRE EXTINGUISHER.
- 3 "KNOX BOX" COORDINATE W/ FIRE INSPECTOR AND INSTALL AS DIRECTED.

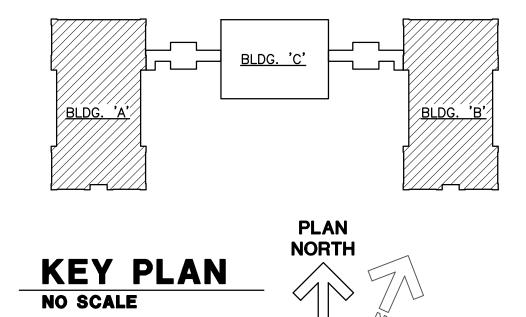
4 FIRE RATED CONTROL JOINT WW-D-0172

APARTMENT UNITS N	1ATI	RIX		
	BLDG.			
APARTMENT UNIT	Α	В		
1 BEDROOM	21	23		
1 BEDROOM ACCESSIBLE	2	1		
1 BEDROOM SIGHT/HEARING	1	1		
TOTAL	24	24		

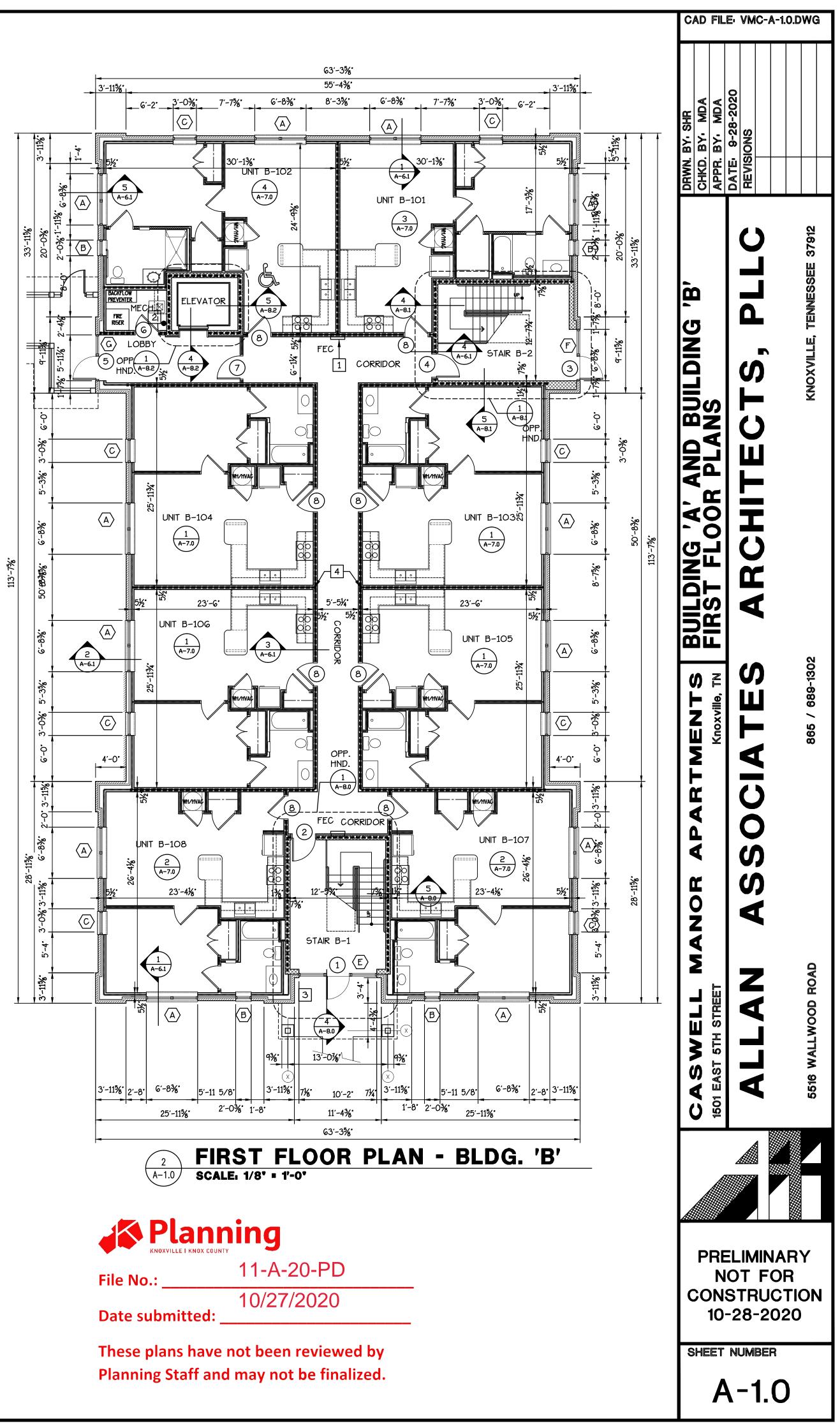
ACCESSIBLE UNITS - 102A. 202A. 102B SIGHT/HEARING UNITS - 101A

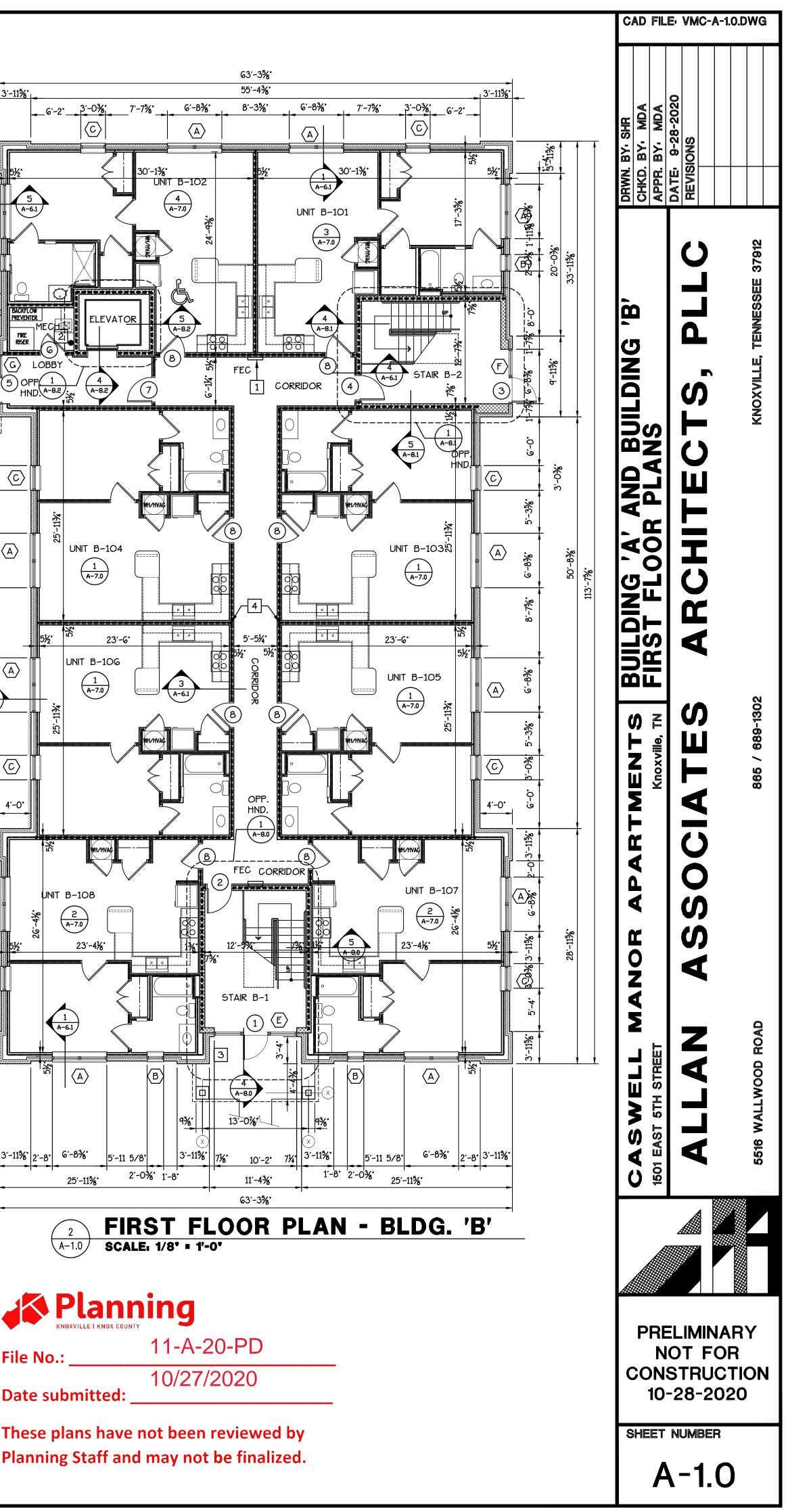
FINISH SCHEDULE								
RM. ND.	FLOOR	FLOOR	BASE	WALLS	CEILING	CEILING	REMARKS/NDTES	
	N AREAS							
	CORRIDOR	V.P.	RB	PNT	A.C.T.	8′-0 ″		
	STAIR	RF	RB	PNT	PNT	VARIES		
	MECHANICAL	VCT	RB	PNT	PNT	8'-0"		
	LOBBY	V.P.	RB	PNT	A.C.T.	8′-0 ″		

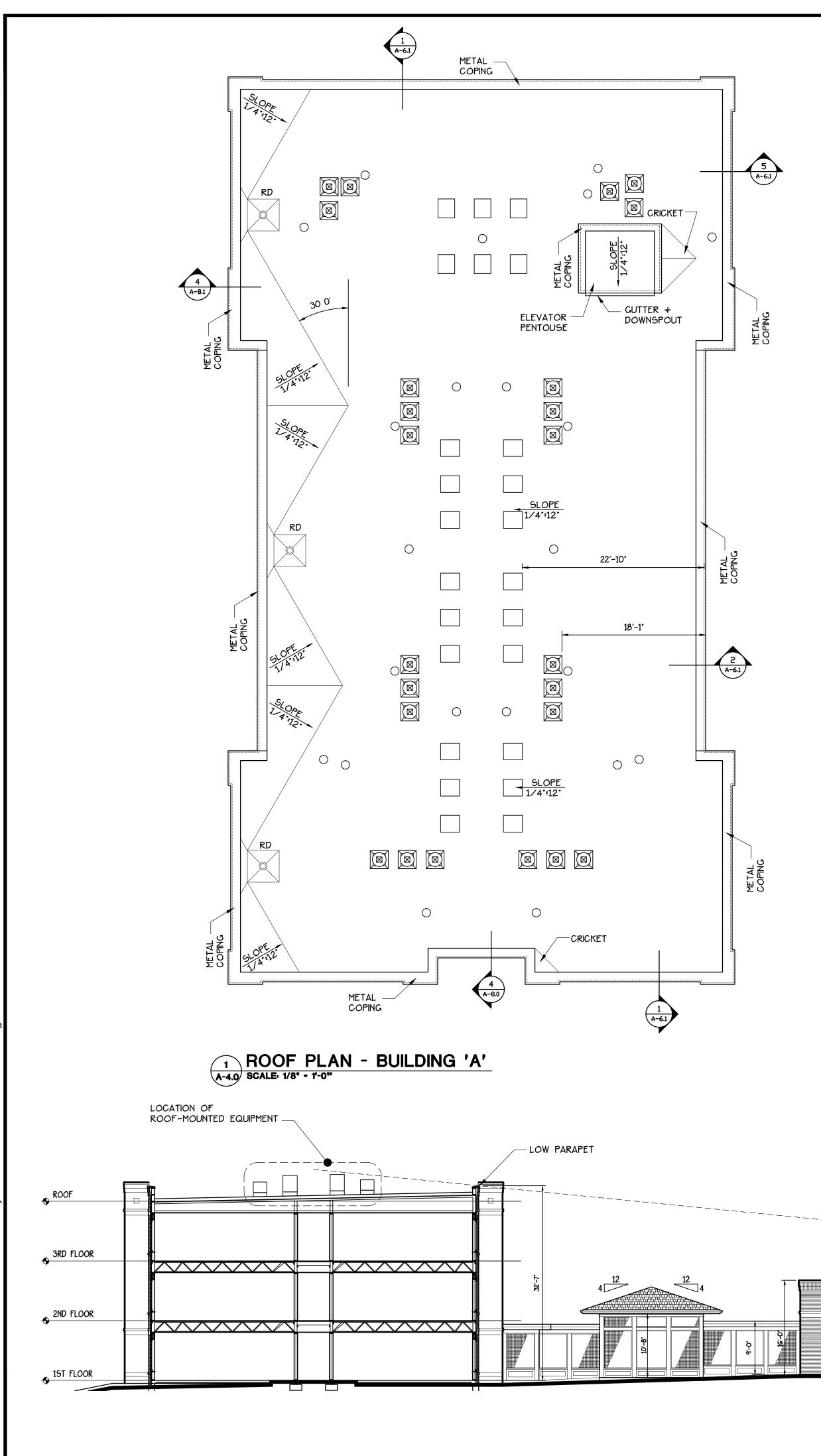




BUILDING AREAS		
	GSF 5/4/20	GSF 9/22/20
APARTMENT BUILDING		
1ST FLOOR	6,855	6,726
2ND FLOOR	6,630	6,726
3RD FLOOR	6,630	6,726
TOTAL BUILDING	20,115	20,178
TOTAL (2) BUILDINGS	40,230	40,356
COMMUNITY BUILDING	2,453	3,772
COVERED WALKWAYS	1,234	1,170
TOTAL	43,917	45,298

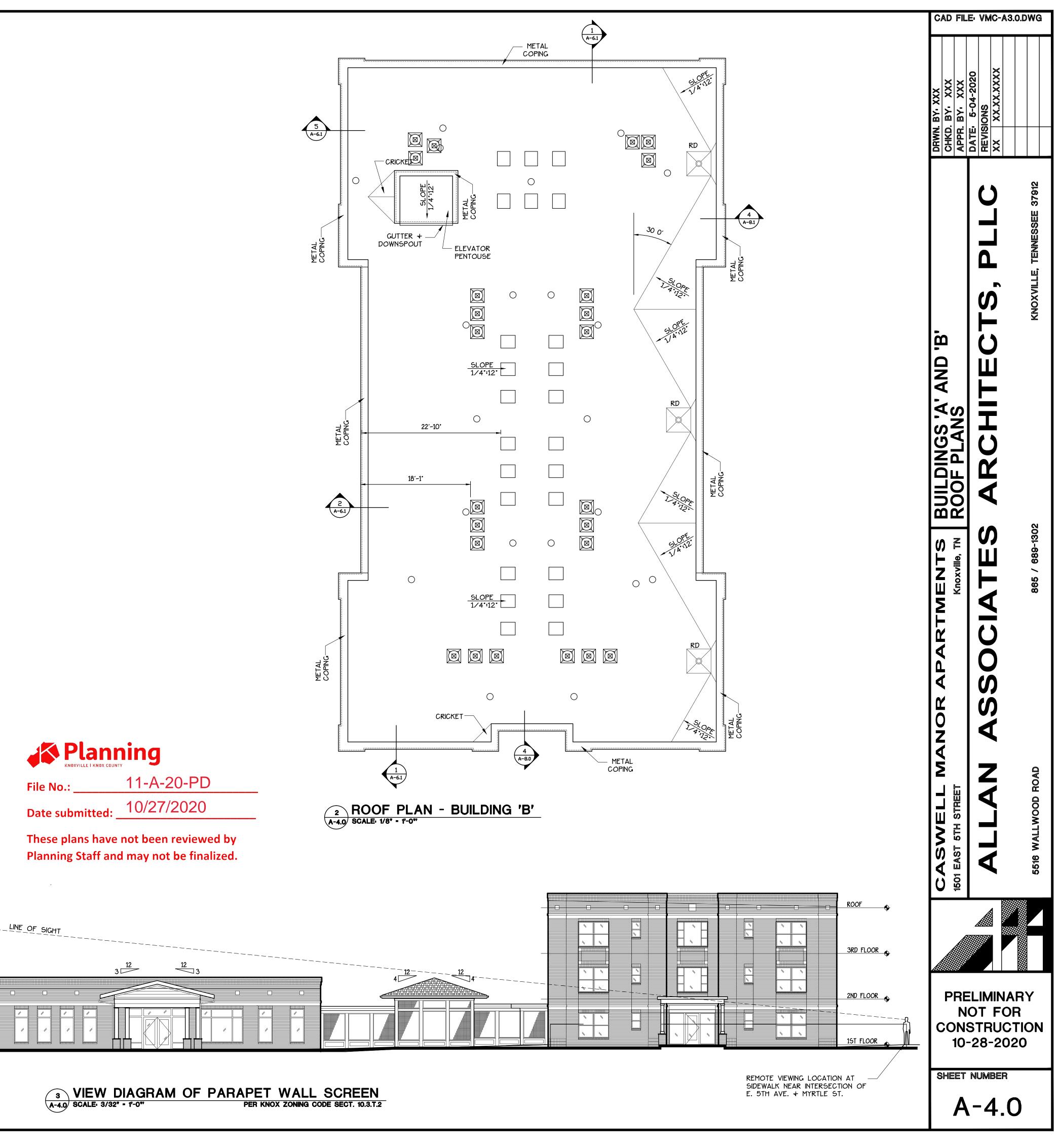


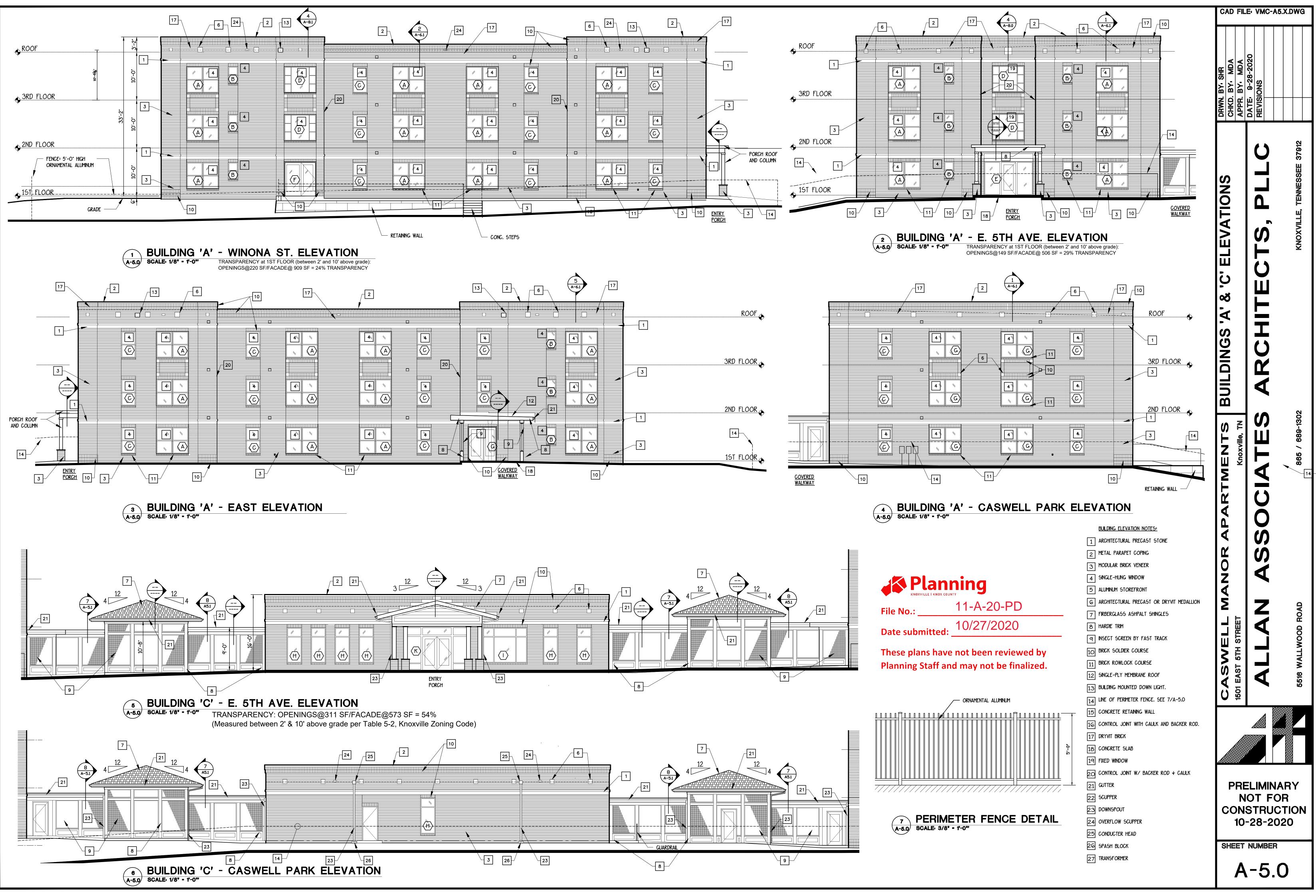


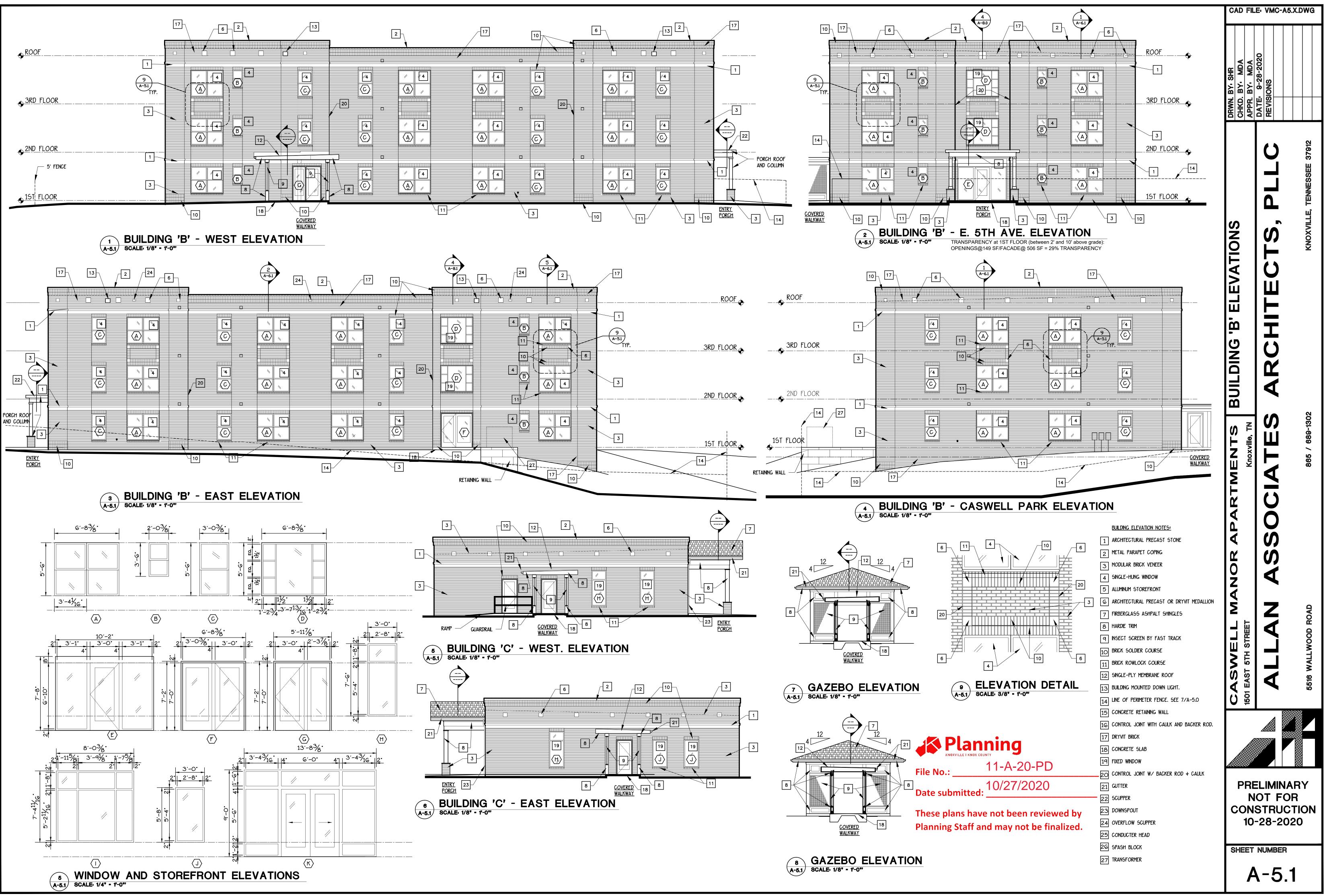


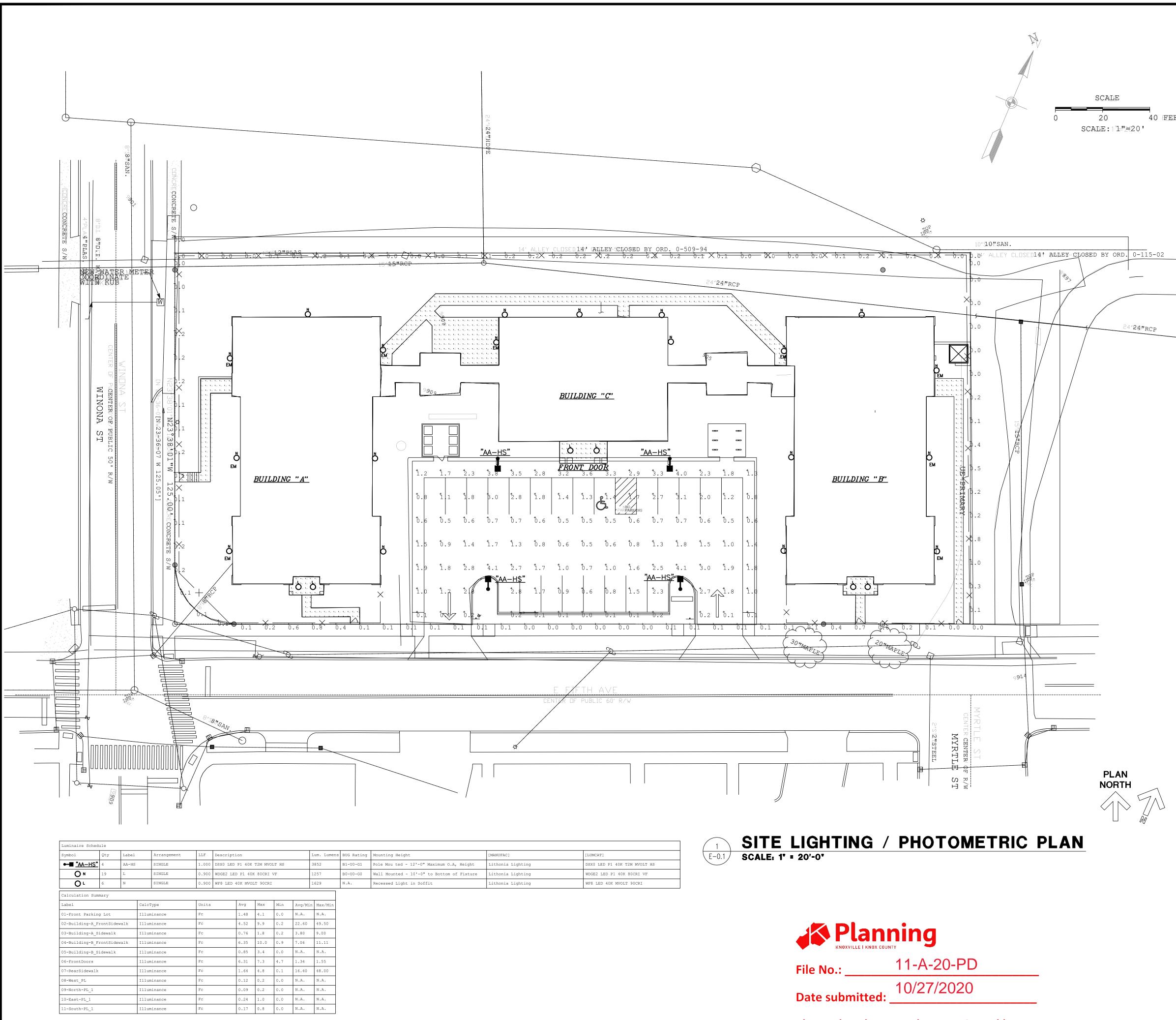
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Illuminance

1-South-PL_1

Date submitted:

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	SITE LIGHTING / PHOTOMETRICS PLAN		
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NORRIS & ASSOCIATES ENGINEERS INC. NORRIS & ASSOCIATES ENGINEERS INC.	SHEET	E OF TEUR	28/20
5518 WALLWOOD ROAD KNOXVILLE, TN 37912 PHONE: P65-584-3063 INTERFERENCES. INTERFERENCES. INTERFERENCES. INTERFERENCES. INTERFERENCES. INTERFERENCES. INTERFERENCES. INTERFERENCES. INTERFERENCES.			₁
6053-504-5003NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUTFAX:NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUTFAX:THE EXPRESS WRITTEN AUTHORIZATION OF NORRIS &865-584-3065ASSOCIATES ENGINEERS INC.www.norrisengineers.comWORRES ENGINEERS INC.		-0.	I

FEATURES & SPECIFICATIONS

INTENDED USE — The 6" Wafer™ LED Downlight with Switchable White provides high-quality light output and efficiency featuring a switch for easy color temperature adjustment - while eliminating the need for recessed housings. The innovative, slim design allows for easy retrofit, remodel or new construction installation from below the ceiling. The LED module maintains at least 70% light output for 50,000 hours. The Wafer LED downlight is wet location listed – making it ideal for use in a breadth of outdoor residential, hospitality, commercial and multifamily applications.

CONSTRUCTION — Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. FT4 plenum rated cable connector to connect from module to remote driver box. IC rated driver with convenience and value of two remote selectable color temperature options, each with a setting choice to chose either 2700K, 3000K, and 3500K or 3000K, 4000K, and 5000K using the switch. The isolated driver integrated inside steel remote box with four 7/8" knockouts with slots for pryout. Suitable for pulling wires with the 12 cubic-inch wiring compartment to accommodate up to (6) 14 gauge insulated conductors; making the Wafer LED Downlights much easier to wire in 2in/2out (plus ground) daisy-chain applications and contractor friendly. PATENT PENDING.

INSTALLATION — Ideal for shallow ceiling plenum; no housing required. Steel spring clip for easy installation. 6" cut out template is provided to ensure a correct sized hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 6 1/4 inches for this product. Suitable for installation in t-grid and drop ceiling applications. 2" plenum space required for installation of the remote driver box. OPTICS — Edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space.

ELECTRICAL — Connect directly to 120V Class-2 (CAN ICES-005 (B) / NMB-005 (B))LED driver. High efficient driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to +104°F (+40°C). Dimming down to 10% with most standard incandescent dimers (see list of approved dimmers). Replaces 75W incandescent for 850L and 100W incandescent for 1150 lumens. LISTINGS — CSA certified to US and Canadian safety standards. ENERGY STAR® certified product. Wet

location. Air Tight certified in accordance with ASTM E283-2004. NOM Certified. Can be used to comply with California Title 24 Part 6 High Efficacy LED light Source Requirements. WARRANTY — 5-year limited warranty. Complete warranty terms located at: <u>www.acuitybrands.com/support/warranty/terms-and-conditions</u>

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Specifications Aperture: 4.9 (12.4) Ceiling opening: 6 (15.2)

Overlap trim: 6.7 (17) 1.1 (2.8) Height: All dimensions are inches (centimeters) unless otherwise indicated.

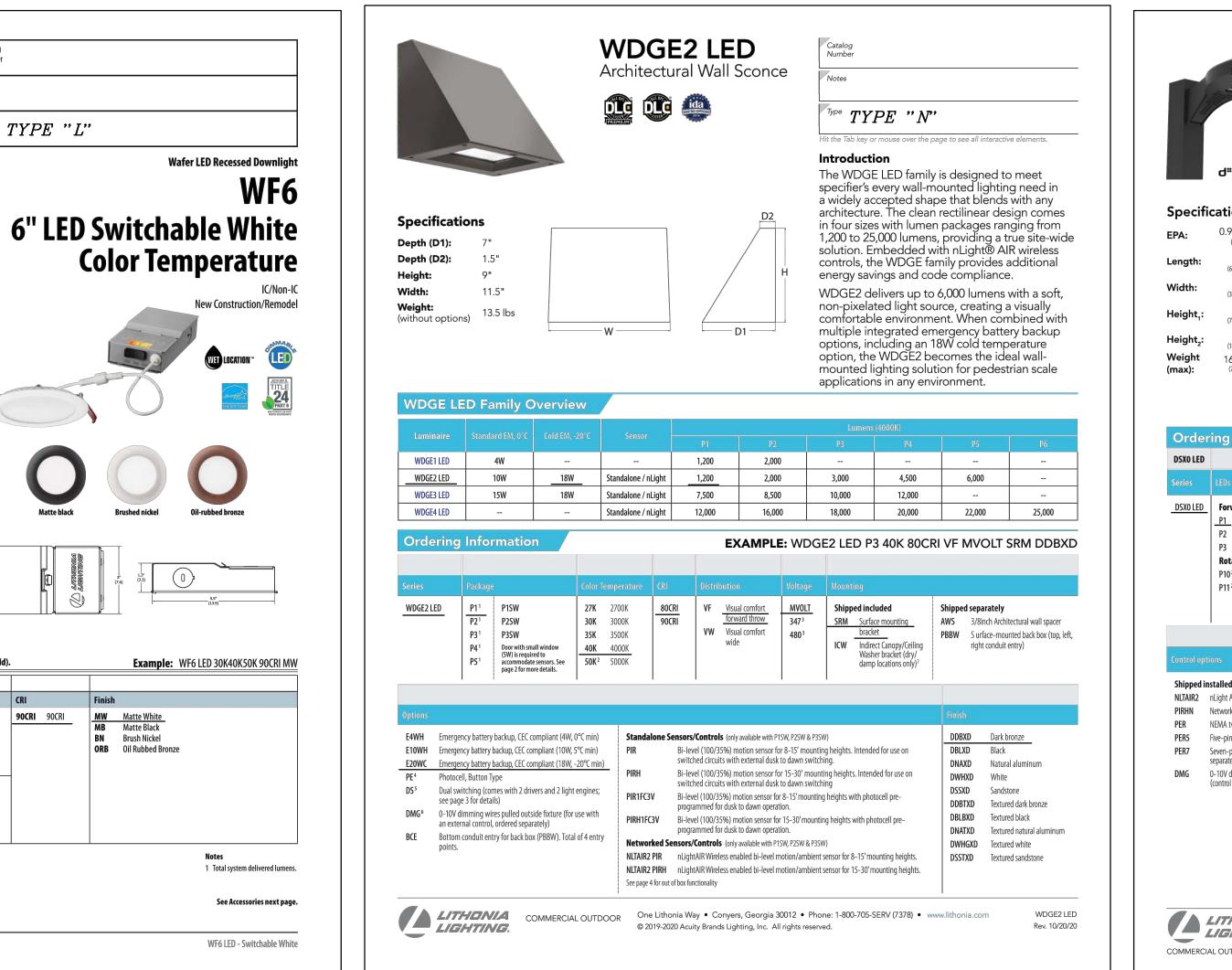
ORDERING INFORMATION For shortest lead times, configure product using standard options (shown in bold).							
WF6							
Series	Lamp	CCT/W/Lumens ¹	CRI	Finish			
WF6 6" wafer-thin LED downlight	LL LED Low Lumen	27K30K35K 2700K/10W/830L 3000K/10W/900L 3500K/10W/900L 3500K/10W/860L 300K/10W/850L 4000K/10W/820L 5000K/10W/880L 27K30K35K 2700K/14W/1040L 3000K/14W/1150L 3000K/14W/1190L 4000K/14W/1190L 5000K/14W/1120L	90CRI 90CRI	MW Matte MB Matte BN Brush ORB Oil Rut			

DOWNLIGHTING



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

TYPE "L"









1. On 2. Noi 3. Tota 4. Ancho 5. Quick 6. Quick 7. All pol

-----OUTDO

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NORRIS & ASSOCIATES ENGINEERS INC. WOOD ROAD LLF TN

5518 WALLWOOD ROAD KNOXVILLE, TN 37912

PHONE: 865-584-3063 *FAX:* 865–584–3065 www.norrisengineers.com

)AD	FILI	E: VMC-A	-1.0.DWG
	D-Series LED Area Lum		mber							
		Type	IIPE	" "AA" He page to see all interactive ele	nenîs,		X	Z	8-2020	
l"series			t roductio e modern		D-Series is striking				VISIONS	
.95 ft ²		sta	itement ev	en as it blenc	bold, progressive s seamlessly with ies distills the benefits		CHKD.	APPR.	DATE. REVIS	
(.09 m ²) 26 " (66.0 cm) 13 "		pe	rformance,	high efficacy,	ogy into a high long-life luminaire. ric performance			7		
(33.0 cm) 3" (7.62 cm) 7" (17.8 cm) 16 lbs (7.25 kg)		res po H ₂ for end	ults in sites le spacing replacing	with exceller and lower por up to 400W m Is of 70% and	t uniformity, greater ver density. It is ideal etal halide with typical expected service life				LLC	TENNESSEE 37912
g Information	EXAMP	LE: DSX0 LED P6 40	0K T3M M	Volt spa ni	TAIR2 PIRHN DDBXD					-
Os. Color temperatur prward optics 30K 3000 K	T1S Type I short (Automotive)	T5S Type V short ³	Voltage MVOLT ^{5,6}	Mounting Shipped included			Ŋ		Ś	NOXVILLE,
L P41 P71 40K 4000 K 2 P5 50K 5000 K 3 P6 50K 5000 K botated optics 102 P12 ² 112 11 ² P13 ^{3/2} 112 112	T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium T5VS Type V very short 3	T5M Type V medium ³ T5W Type V wide ³ BLC Backlight control ⁴ LCCO Left corner cutoff ⁴ RCCO Right corner cutoff ⁴	120° 208° 240° 277° 347° 480°	RPA Ro WBA Wa SPUMBA Sq RPUMBA Ro Shipped separately KMA8 DDBXD U	Jare pole mounting und pole mounting ⁷ Il bracket ³ Jare pole universal mounting adaptor ⁸ und pole universal mounting adaptor ⁸ st arm mounting bracket adaptor ecify finish) ⁹	_ ⊦				N N N N
			Other options		Finish (required)		5			
ed t AIR generation 2 enabled ^{10,11} ork, high/low motion/ambient sensor ¹² A twist–lock receptacle only (control ordered separate) pin receptacle only (control ordered separate) ^{13,14} n-pin receptacle only (leads exit fixture) (control order ate) ^{13,14} / dimming extend out back of housing for external co rol ordered separate) ¹⁵	height, ambie PIRH High/low, mc height, ambie PIR1FC3V High/low, mc height, ambie ed PIRH1FC3V High/low, mc height, ambie	tion/ambient sensor, 8–15' mounting nt sensor enabled at 5/c ^{16,177} tion/ambient sensor, 15–30' mounting nt sensor enabled at 5/c ^{16,17} tion/ambient sensor, 8–15' mounting nt sensor enabled at 1/c ^{16,17} tion/ambient sensor, 15–30' mounting nt sensor enabled at 1/c ^{16,17} ele output ¹⁸	SF Single DF Doubl L90 Left ro R90 Right DDL Diffus HA 50°C a Shipped sep BS Bird sp	-side shield ¹⁹ fuse (120, 277, 347V) ⁶ e fuse (208, 240, 480V) ⁶ tated optics ² rotated optics ² ed drop lens ¹⁹ mblient operations ¹	DDBXDDark bronzeDBLXDBlackDNAXDNatural aluminumDWHXDWhiteDDBTXDTextured dark bronzeDBLBXDTextured blackDNATXDTextured natural aluminumDWHGXDTextured white				A R C HI	
	'ay • Conyers, Georgia 30012 • Pł ity Brands Lighting, Inc. All rights rese		www.lithonia.co	m	DSX0-LED Rev. 07/30/20 Page 1 of 8		Ś	TN	S	689-1302
								»xville,		`
LITHONIA							Ш Z	Kno.		00 00
ATURES & SPECIFICATION NDED USE — Only customers in USA are elig re Straight Steel is a general purpose light pole fo	ible for this program. r up to 25-foot mounting heights. This po	e Type		*** * ***			┝━			
des a robust yet cost effective option for mounting TRUCTION — Pole Shaft: The pole shaft is of u reldable-grade, hot-rolled, commercial-quality st auge, .12"), or 50 KSI (7-gauge, .18"). Shaft is on	niform dimension and wall thickness and eel tubing with a minimum yield of 55 KS		TYPE	" <i>AA</i> "			4		O	
ency electric resistance weld. Uniformly square in ent torsional qualities. Available shaft widths are Top: A flush non-metallic black top cap is provide	cross-section with flat sides, small corner 4" and 5".				SSS QS		V		O	
Ihole: A reinforced handhole with grounding pro handhole includes a cover and cover attachment " x 5".	hardware. The handhole has a nominal d	mension							() ()	
Cover: A color matched durable ABS plastic two- hbly. or Base/ Bolts: Anchor base is fabricated from s are manufactured to ASTM F1554 Standards grad	teel that meets ASTM A36 standards. And	nor		SQUARE S	FRAIGHT STEEL – QUICK SHIP		и 0		V)	
gth of 75-95 KSI). Top threaded portion (nominal DWARE — All structural fasteners are high-streng ners are galvanized or zinc-plated carbon steel or	12") is hot-dipped galvanized per ASTM A th galvanized carbon steel. All non-struct stainless steel.	1-153. ural					Ž V			
6H — Exterior parts are protected by a TGIC or Urel ior resistance to corrosion and weathering. A tigh sion as well as a minimum finish thickness of 3 mi de Dark Bronze, Black and Natural Aluminum colo	tly controlled multi-stage process ensures ils. Extra durable standard powder-coat fi	superior					Σ			
RANTY — 1-year limited warranty. Complete wa .acuitybrands.com/support/customer-support/te :: Actual performance may differ as a result of enc	rms-and-conditions		ì					TREET		ROAD
fications subject to change without notice.								S		WALLWOOD
DERINGINFORMATION				Frample	: SSS QS 20 4C DM19AS DDBXD		3	T STH		MALL'
QS	Nominal shaft size/			-			V	EAS		5516 V
Quick Ship Pole Length (S QS 10 10' 12 12' 12'	4C 4" / 11 Gauge 4G 4" / 7 Gauge	Mounting <u>Tenon mounting</u> PT Open top (includes top ca	p) DBLXD	Dark bronze Black	Options L/AB Less anchor bolts (Include when anchor bolts are not provided)		Ü	1501	7	IJ
14 14' 16 16' 18 18' 20 20'	5C 5" / 11 Gauge 5G 5" / 7 Gauge	T20 2-3/8" 0.D. (2" NPS) <u>DSX/RSX Drill mounting</u> ²	DNAXD	Natural aluminum						
25 25'		DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM39AS 3 at 90° DM49AS 4 at 90°				A				
RAM RULES: Ily options listed in the ordering tree are valid for the Qui menclature must include "QS" after "SSS" to be qualified ample: SSS QS 20 4C DM19AS DDBXD tal order quantity cannot exceed 10 poles. chor bolts will be shipped separately. ick Ship orders cannot have "Not Before Date" or "Ship D ick ship orders cannot have standard pole lines. pole orders must include "Call Before Number" to avoid	l for Quick Ship. Jate".			(7-Gauge) in nom 2. Refer to the lumin	l be signified with a "C" (11 Gauge) or a "G" enclature. "C" - 0.12" "G" - 0.18". aire spec sheet for the correct drilling template tation compatibility.				ARROVITURE	20 20 20 20
DOOR					POLE-SSS QUICK SHIP		SHE	ET	NUMBER	-
									-0.	2