SYMBOLS LEGEND)	
ITEM	E XISTING	PROPOSED
FIRE HYDRANT	-0-	-
AIR CONDITIONING UNIT	AC	[AC]
UTILITY POLE	P	ව ව
FIRE DEPARTMENT		_
CONNECTION	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	λ
STORM STRUCTURE IDENTIFIER	#	Æ
STORM MANHOLE		0
STORM SEWER LAYOUT		
SANITARY STRUCTURE IDENTIFIER	X	⊗
SANITARY MANHOLE	S	S
SANITARY SEWER LAYOUT	— S— —	S
SIDEWALK	WALK -	WALK
SIGN		
SIGN (DOUBLE POST)	- 0 0	• •
GAS VALVE	GV	
GAS LINE	G G	
GAS METER	GM	GM
IRRIGATION VALVE	ØV	• V
BOLLARD	•	•
CLEANOUT	°C0	ço
WELL	<u> </u>	<u> </u>
WATERLINE		
WATER VALVE		w
WATER WETER		•
TRANSFORMER	⊕wm [TR]	TR
ELECTRIC MANHOLE		
	EM EM	<u>⊕</u>
ELECTRIC METER		
ELEC BOX/STRUCTURE ELECTRIC LINE	EB — E— — E—	EB -
		E
TELECOMMUNICATION LINE CABLE LINE		T
	C	c
CABLE/ELECTRIC/ TELECOMMUNICATION LINE	—— C—— T—— E ———	—— с—— т—— в ———
TELECOMMUNICATION MANHOLE		Ф
TELECOMMUNICATION STRUCTURE	C	C
OVERHEAD STREET LIGHT	<u> </u>	→
LIGHT POLE	\$	\$
LANDSCAPE LIGHT	₫	
FENCES	XX	XX
GRADING SPOT	+ 124.5	+ 24 ⁵⁰
GRADING CONTOUR	<u> </u>	<u> </u>
BUILDING ENTRANCE		T
PAVING		
GUARDRAIL	0 0	
CURB AND GUTTER		
PROPOSED SPILL CURB		
PROPOSED TRANSITION/ NOSE DOWN CURB		· · · · · ·
LIMITS OF DISTURBANCE		

EBOX = ELECTRICAL BOX

EP = EDGE OF PAVEMENT

FDC = FIRE DEPT. CONNECTION

EVE = EMERGENCY VEHICLE EASEMENT

HDPE = HIGH DENSITY POLYETHYLENE

HPS = HIGH PRESSURE SODIUM

IPF = IRON PIPE FOUND

ESMT = EASEMENT

FF = FINISH FLOOR

FH = FIRE HYDRANT

GI = GRATE INLET

G/L = GAS LINE

GM = GAS METER

GV = GAS VALVE

G/S = GAS SERVICE

HC = HEADER CURB

HDCP = HANDICAP

HP = HIGH POINT

INSTR = INSTRUMENT

INV = INVERT

EX = EXISTING

FT = FEET

EXT_LEGEND:	
= DEGREES	INTX = INTERSECTION
= MINUTES (OR FEET)	IRF = IRON ROD FOUND
= SECONDS (OR INCHES)	L = LUMENS
= PERCENT	LAT = LATERAL
= NUMBER	LED = LIGHT EMITTING DIODE
= AT	LL = LANDSCAPE LIGHT
s = POUNDS	LOC = LOCATION
= ARC	LP = LIGHT POLE
C = ACRE	MAX = MAXIMUM
DA = AMERICANS W/ DISABILITIES ACT	ME = MATCH EXISTING
PPROX = APPROXIMATE	MH = MANHOLE
C = ROTTOM OF CURR	MIN = MINIMUM
C = BOTTOM OF CURB F = BASEMENT FLOOR FE = BASE FLOOD ELEVATION	MON = MONUMENT
FF = BASE FLOOD FLEVATION	MPH = MILES PER HOUR
LDG = BUILDING	MW = MONITORING WELL
M = BENCHMARK	N = NORTH
SMT = BASEMENT	OHW = OVERHEAD WIRE
OL = BOLLARD	PED = PEDESTRIAN
W = BOTTOM OF WALL	PN = PANEL
ATV = CABLE UTILITY	PG = PAGE
L = CLASS	PP = POWER POLE
/L = CENTERLINE	PROP = PROPOSED
R = CLEARANCE	PVC = POLYVINYL CHLORIDE
LF = CHAIN LINK FENCE MP = CORRUGATED METAL PIPE	R = RADIUS
MP = CORRUGATED METAL PIPE	RCP = REINFORCED CONCRETE PIPE
I = CURB INLET	RELOC = RELOCATED
O = CLEAN OUT	RET = RETAINING
ONC = CONCRETE	RESID = RESIDENTIAL
&G = CURB & GUTTER	REQ = REQUIRED
VR = COVER	ROW = RIGHT-OF-WAY S = SOUTH
B = DEED BOOK HF = DRILL HOLE FOUND P = DUCTILE IRON PIPE	SAN = SANITARY
HF = DRILL HOLE FOUND	SEW = SEWER
P = DUCTILE IRON PIPE	SF = SQUARE FEET
OM = DOMESTIC	SQ FT = SQUARE FEET
U = DWELLING UNIT	STM = STORM
= EAST	STR = STRUCTURE
BOX = FLECTRICAL BOX	SIN - SINGUIONE

SW = SIDEWALK

TM = TAX MAP

TYP = TYPICAL

W = WEST

TBR = TO BE REMOVED

TMH = TELEPHONE MANHOLE

TRAF SIG = TRAFFIC SIGNAL

VPD = VEHICLES PER DAY

UGE = UNDERGROUND ELECTRIC

VCS = VIRGINIA COORDINATE SYSTEM

WSE = WATER SURFACE ELEVATION

TBS = TO BE SAVED

TC = TOP OF CURB

TW = TOP OF WALL

UP = UTILITY POLE

W/L = WATER LINE

WV = WATER VALVE

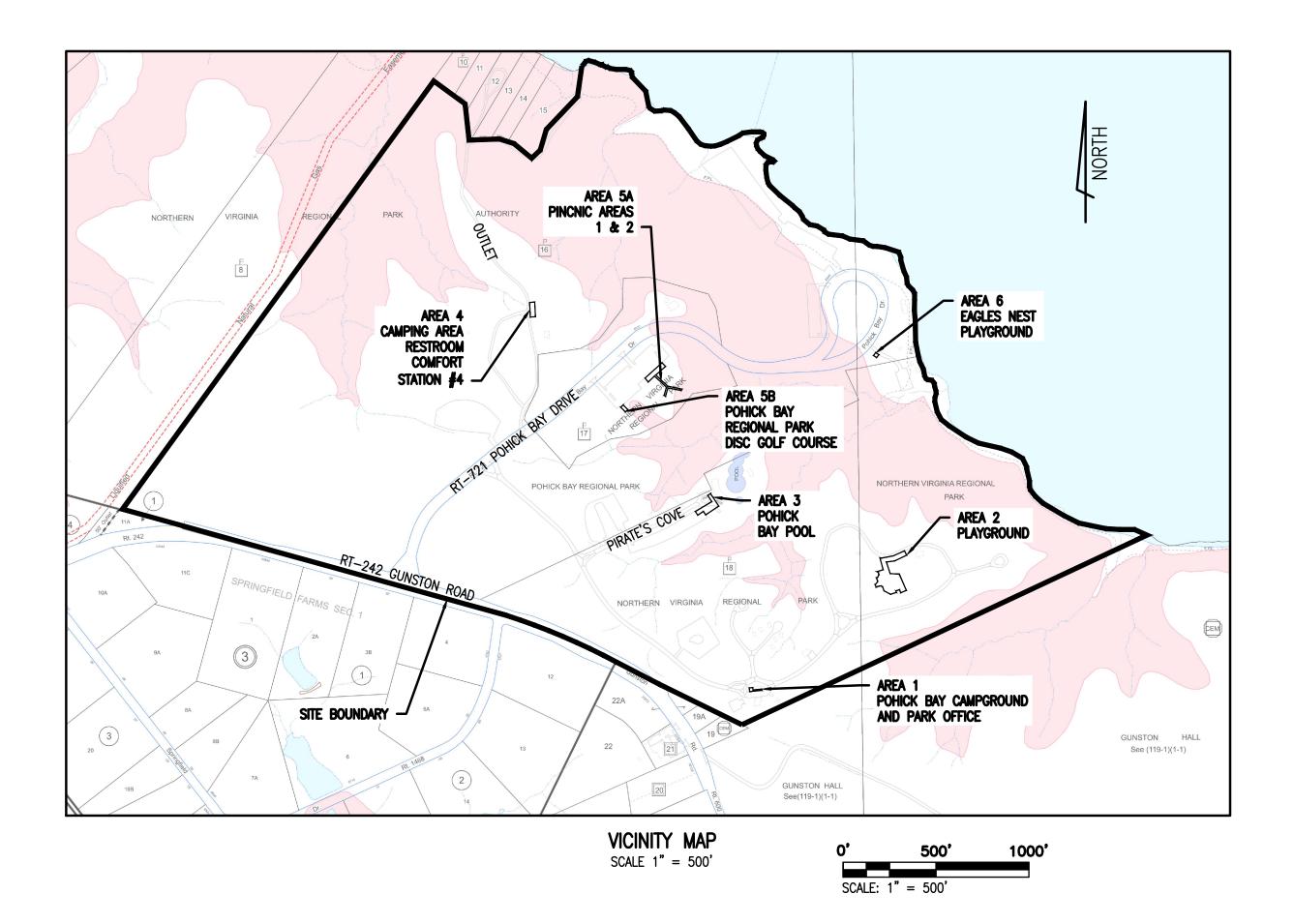
WM = WATER METER

W/S = WATER SERVICE

CONSTRUCTION DOCUMENT

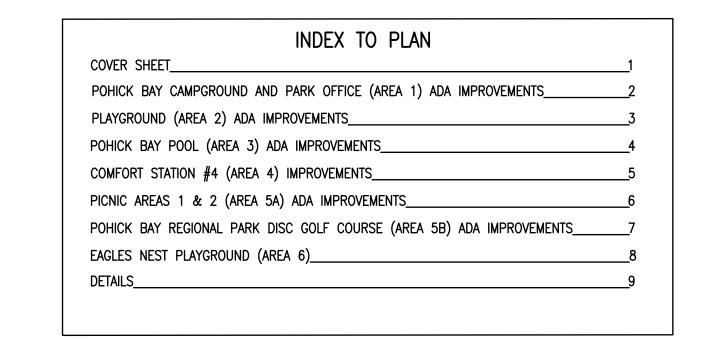
ADA IMPROVEMENTS AT POHICK BAY REGIONAL PARK

(#10417 GUNSTON ROAD) FAIRFAX COUNTY, VIRGINIA



PROJECT DESCRIPTION:

THIS PROJECT PROPOSES ADA IMPROVEMENTS ACROSS SIX DIFFERENT SITES THROUGHOUT POHICK BAY REGIONAL PARK. THE PROPOSED IMPROVEMENTS WILL PROVIDE ADA ACCESS TO AREAS OF THE PARK THAT WERE PREVIOUSLY NON-ADA COMPLIANT. THE IMPROVEMENTS CONSIST OF RESTRIPING EXISTING PARKING LOTS TO ADD ADA ACCESSIBLE PARKING SPACES, PROPOSING ADA ACCESSIBLE ASPHALT PARKING SPACES, ACCESS AISLES, ADA ACCESSIBLE CONCRETE PATHS, AND RAMPS.



- 6. A TITLE REPORT WAS NOT FURNISHED, THUS ALL EASEMENTS MAY NOT BE SHOWN.
- 7. PLAT SUBJECT TO RESTRICTIONS OF RECORD
- 8. TOTAL SITE AREA = 7,682,677 SQ. FT. OR 176.37 ACRES (TAX ASSESSMENT)

	<u>DISTURBED AREA</u>	LIMITS OF FUTURE WORK
AREA 1:	1,780 SF OR 0.0409 AC	0 SF OR 0.0000 AC
AREA 2:	1,437 SF OR 0.0330 AC	4,788 SF OR 0.1099 AC
AREA 3:	0 SF OR 0.0000 AC	0 SF OR 0.0000 AC
AREA 4:	1,193 SF OR 0.0274 AC	0 SF OR 0.0000 AC
AREA 5A:	1,444 SF OR 0.0331 AC	0 SF OR 0.0000 AC
AREA 5B:	0 SF OR 0.0000 AC	1,543 SF OR 0.0354 AC
AREA 6:	885 SF OR 0.0203 AC	0 SF OR 0.0000 AC

CONSTRUCTION
PROPERTY LOCA

3417 GUNST

(DB 3097, PC

DATE	REVISION	
DESIGN: KB		

DATE: FEB 2022

SCALE: 1" = 500'

CHECKED: VM

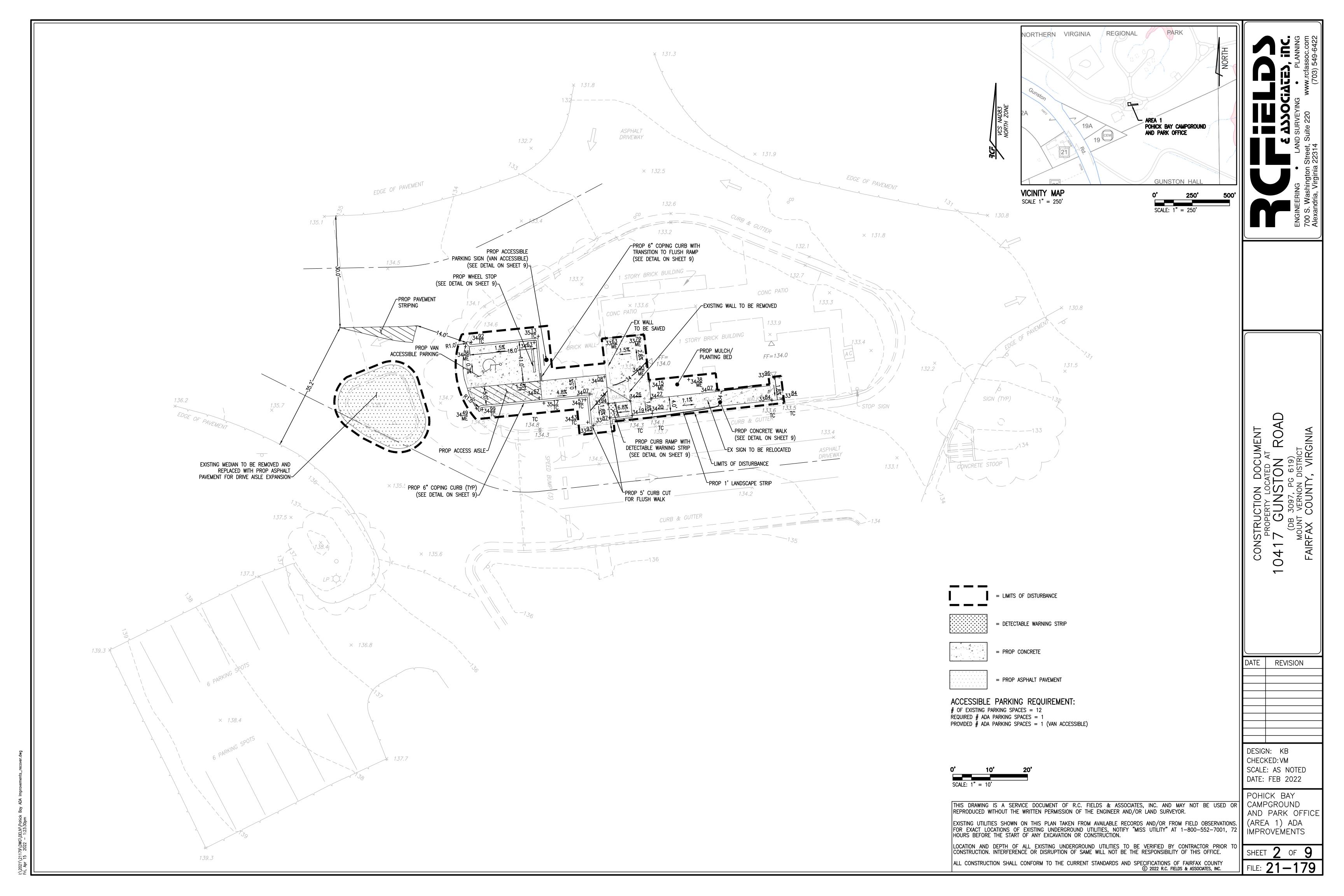
COVER SHEET

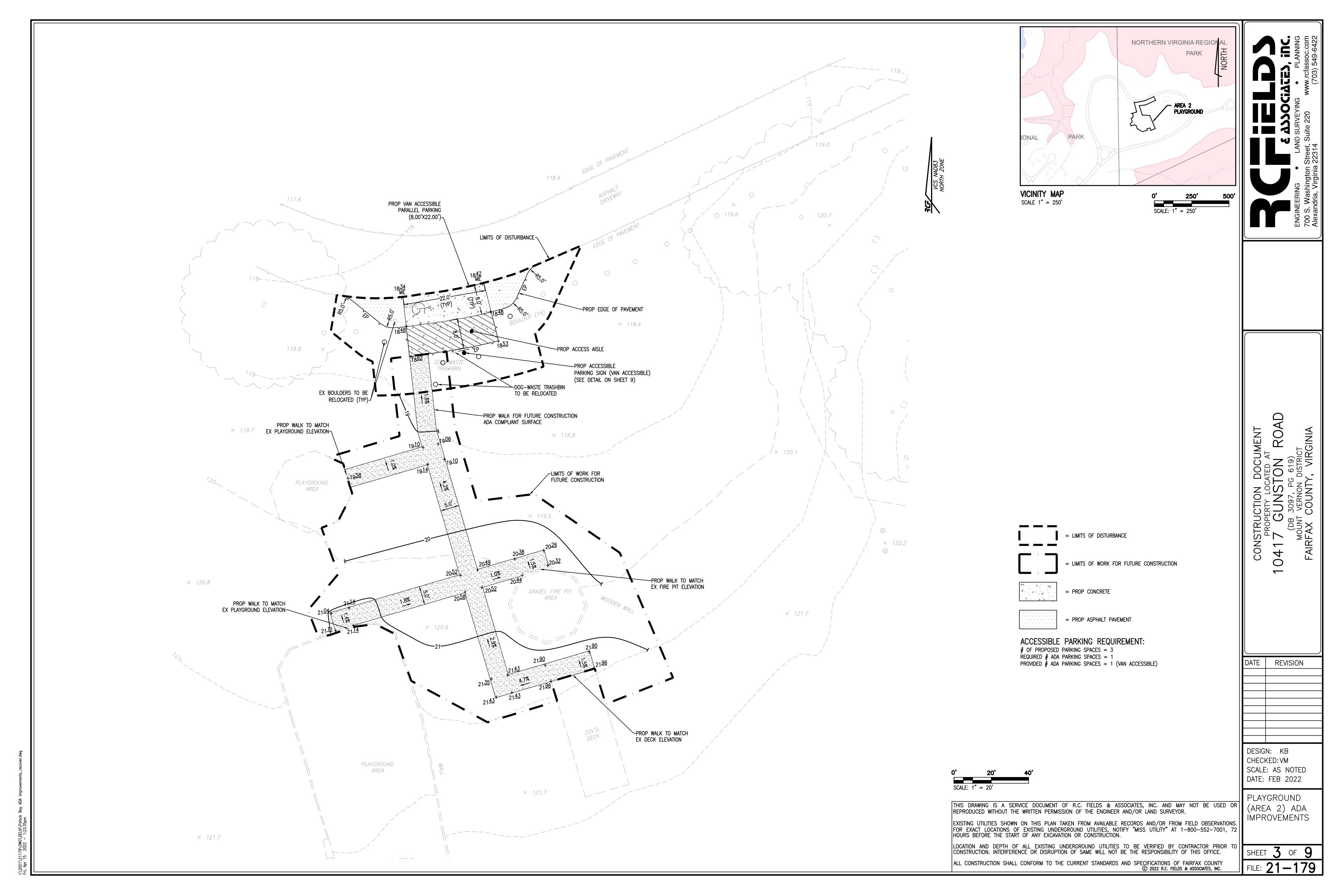
2022 R.C. FIELDS & ASSOCIATES, INC.

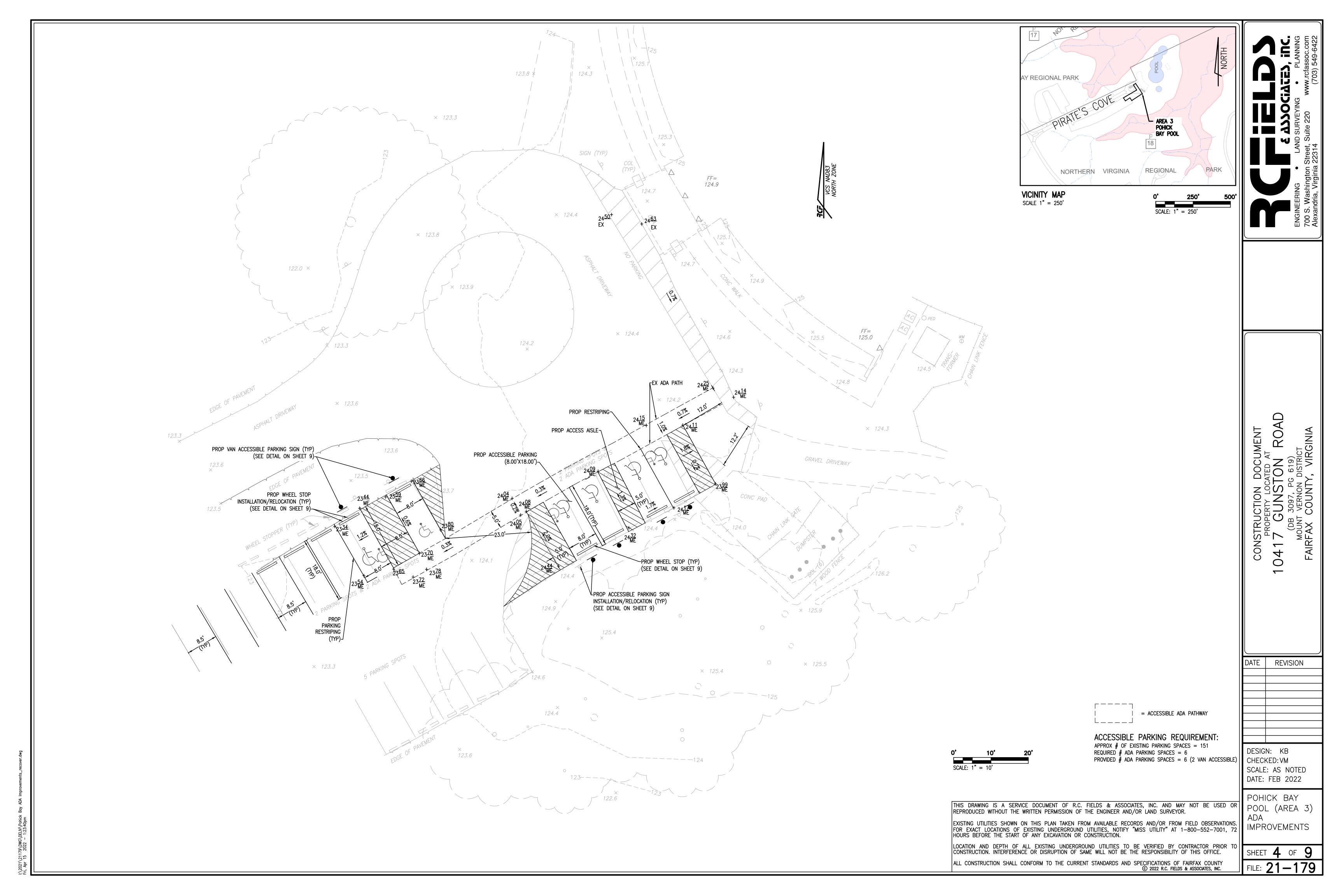
OF **9**

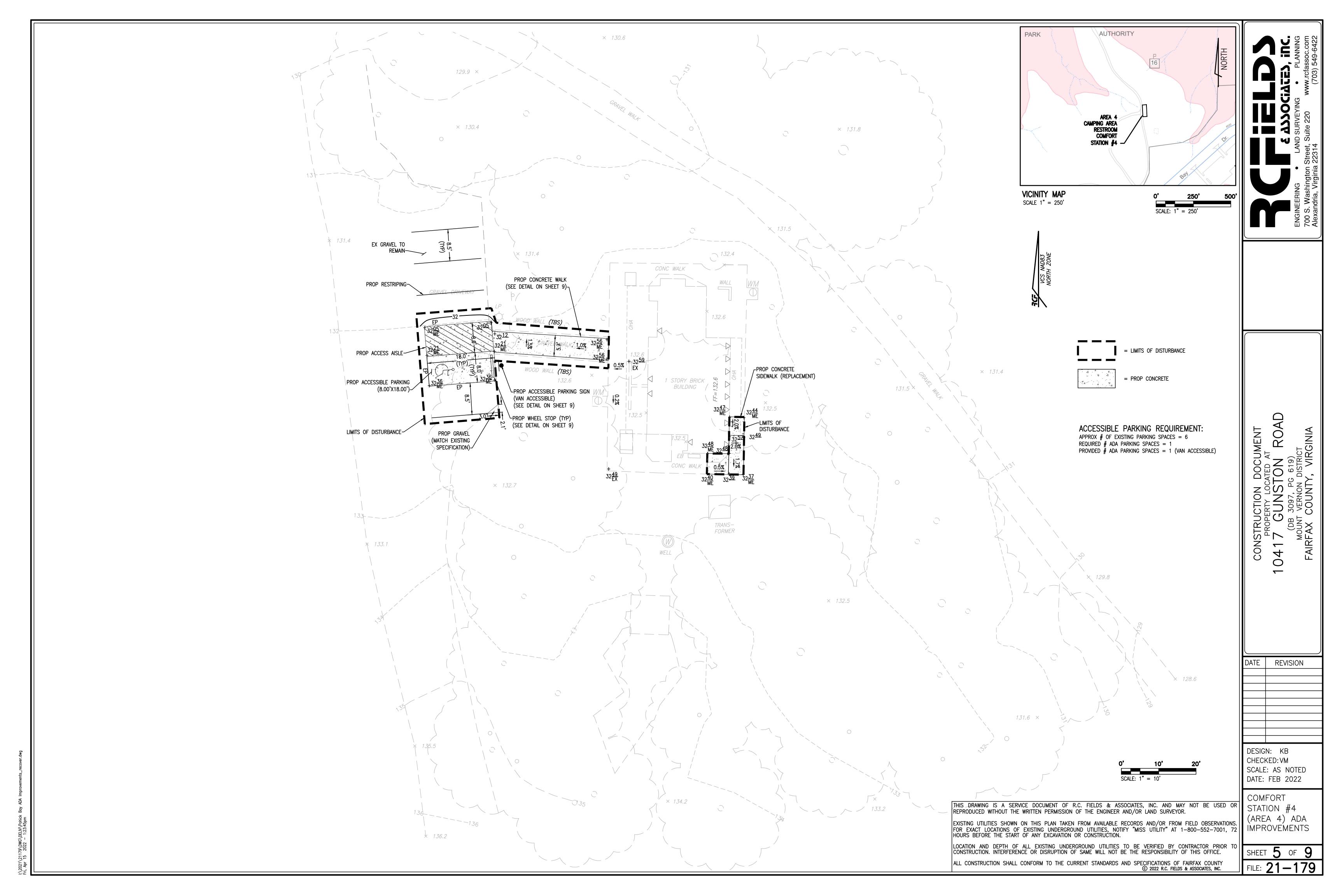
THIS DRAWING IS A SERVICE DOCUMENT OF R.C. FIELDS & ASSOCIATES, INC. AND MAY NOT BE USED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER AND/OR LAND SURVEYOR. EXISTING UTILITIES SHOWN ON THIS PLAN TAKEN FROM AVAILABLE RECORDS AND/OR FROM FIELD OBSERVATIONS.

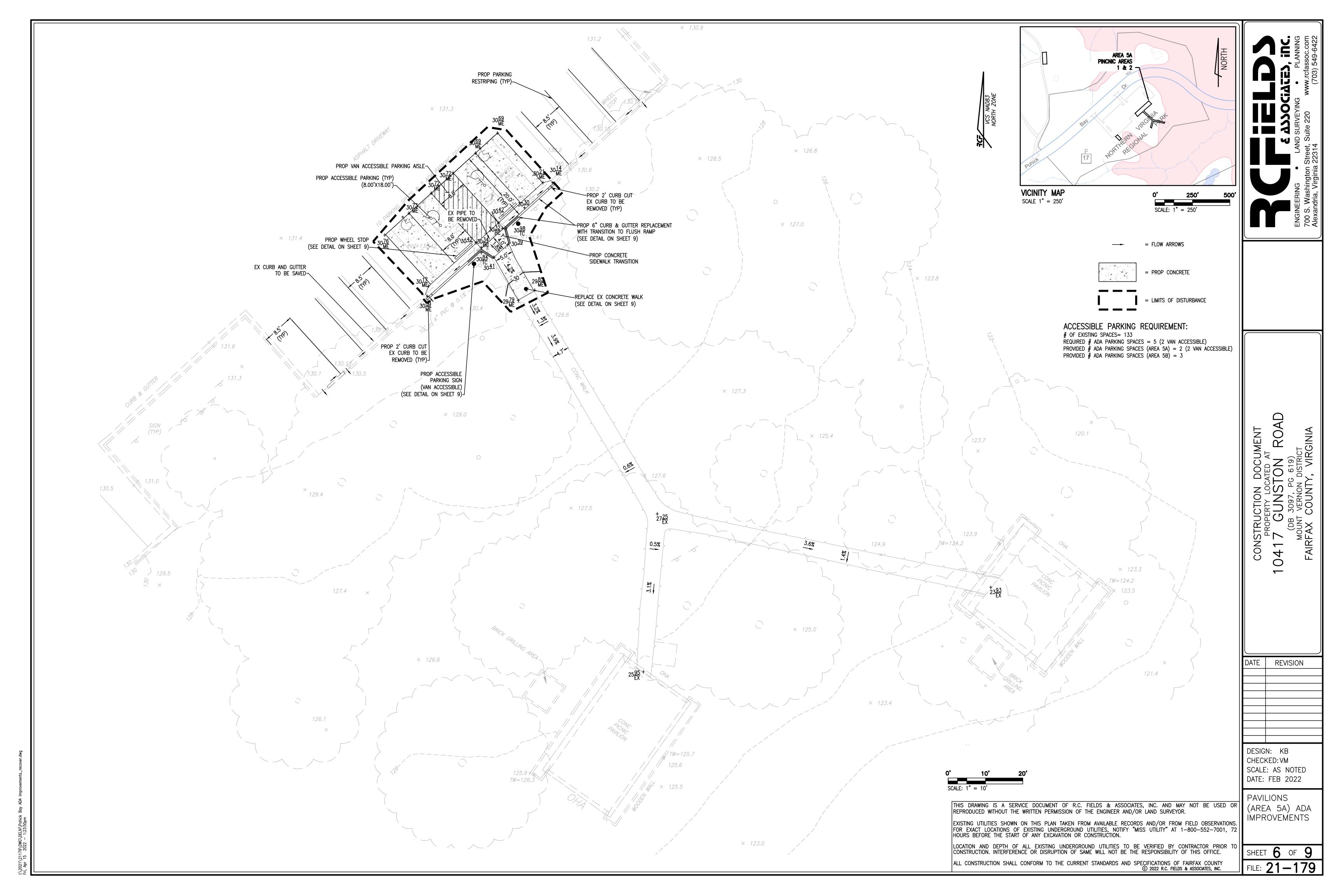
FOR EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES, NOTIFY "MISS UTILITY" AT 1-800-552-7001, 72 WW = WINDOW WELL HOURS BEFORE THE START OF ANY EXCAVATION OR CONSTRUCTION. XING = CROSSINGLOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED BY CONTRACTOR PRIOR T CONSTRUCTION. INTERFERENCE OR DISRUPTION OF SAME WILL NOT BE THE RESPONSIBILITY OF THIS OFFICE. ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF FAIRFAX COUNTY

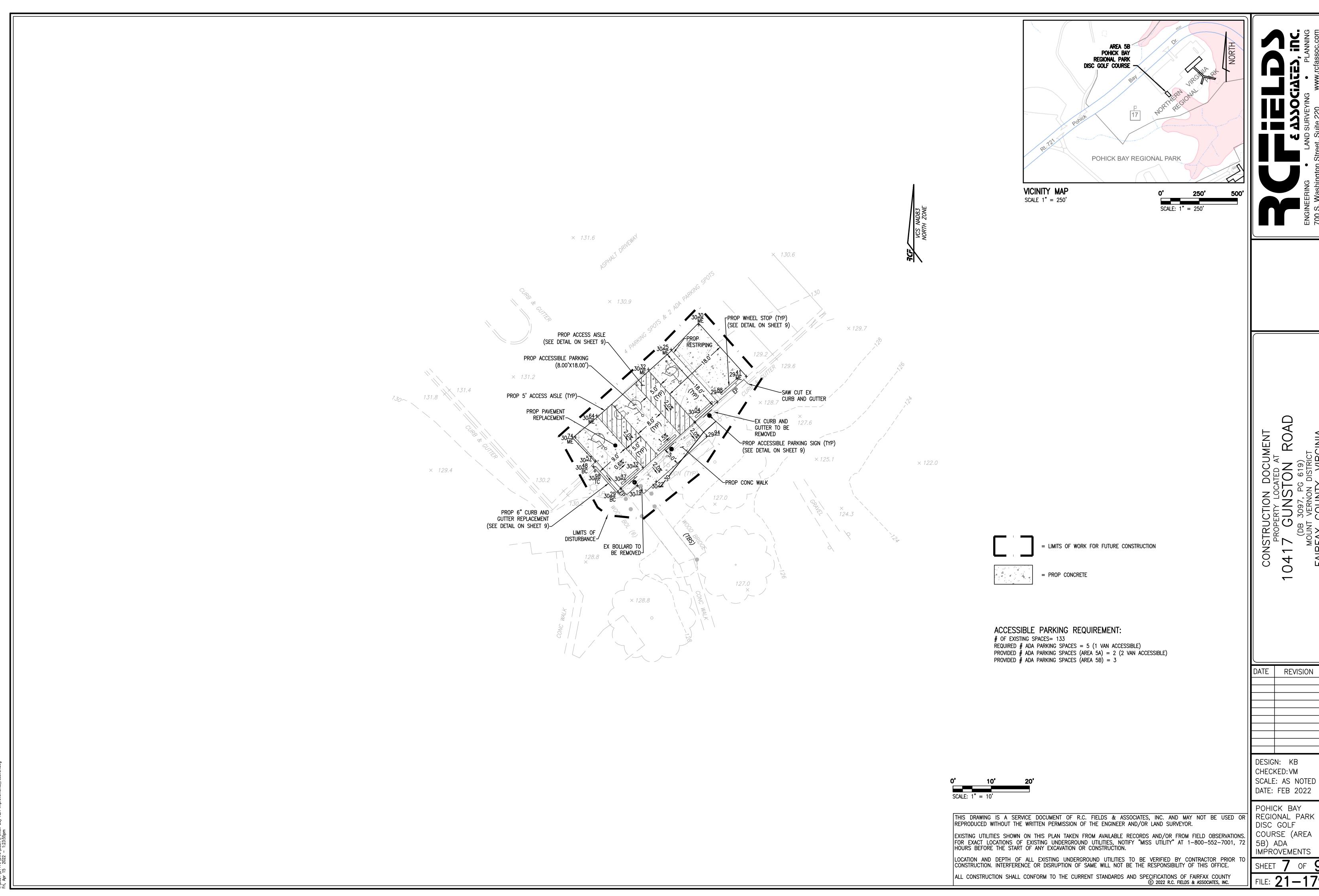


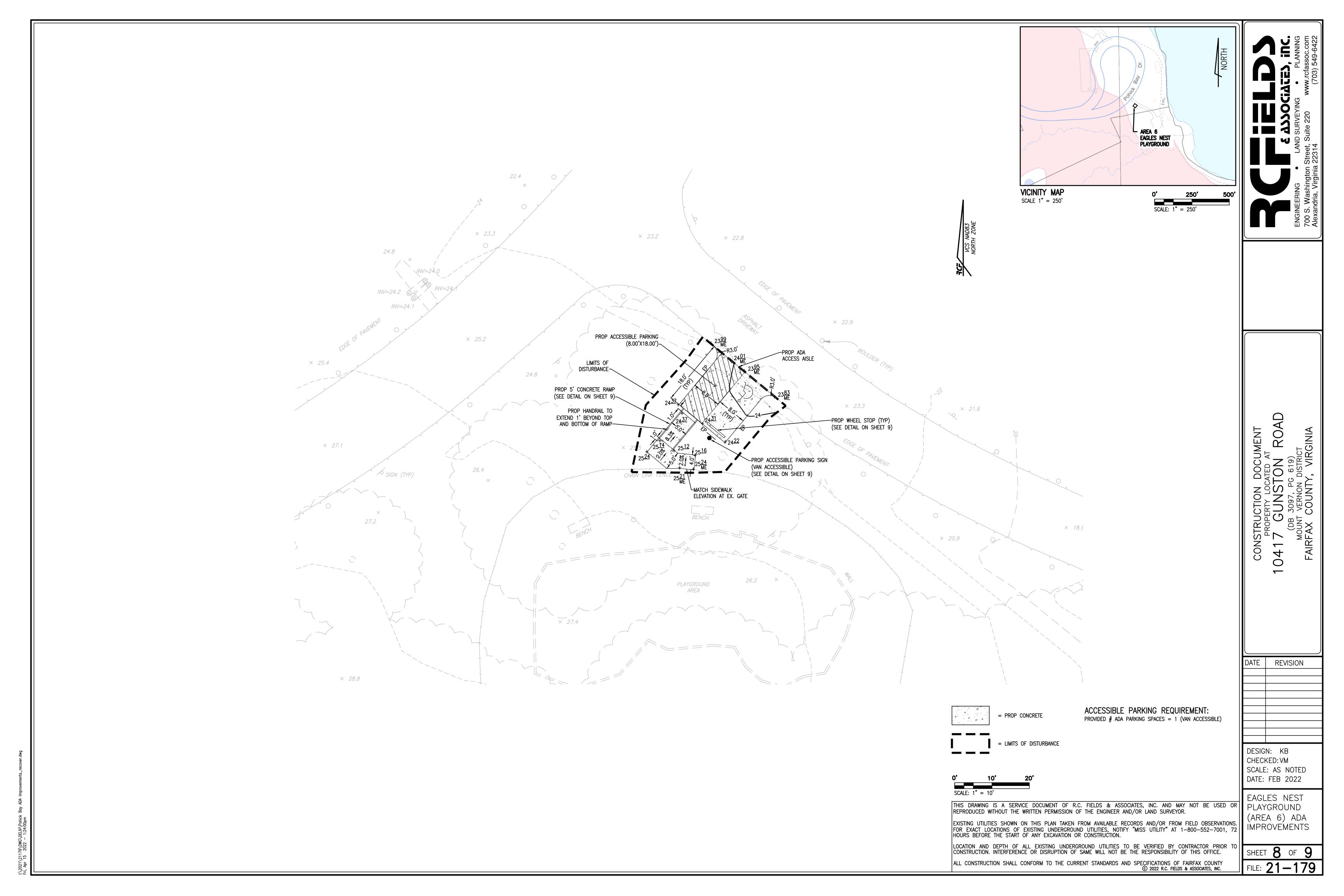


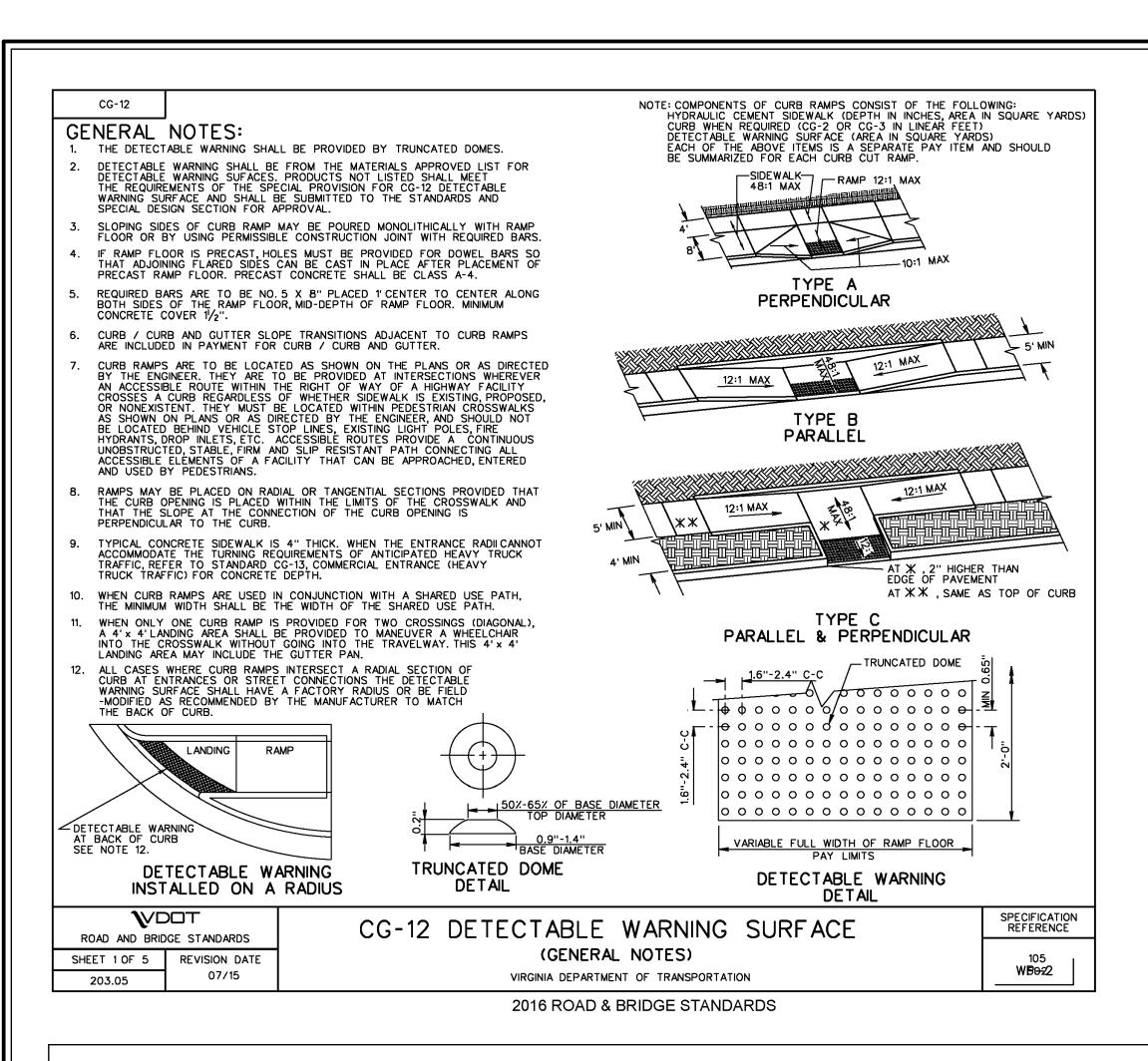


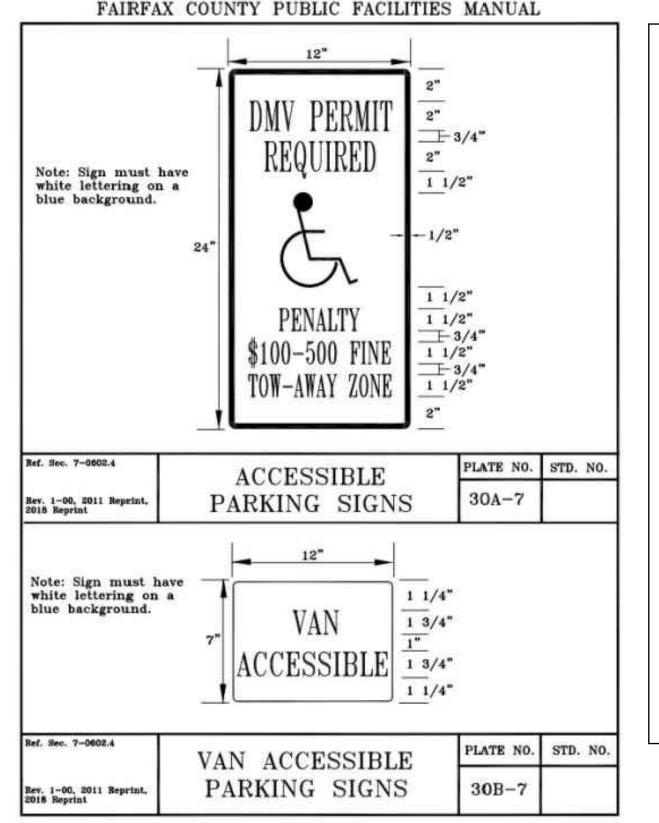


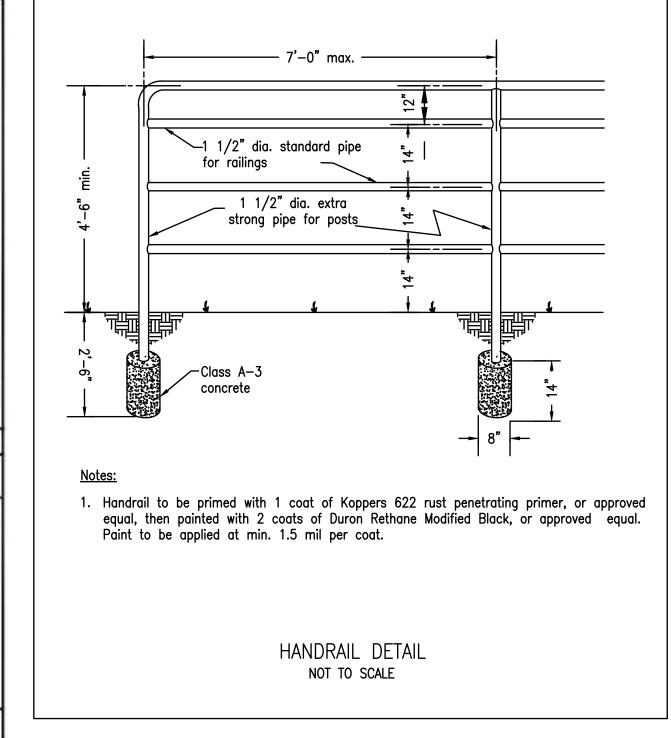


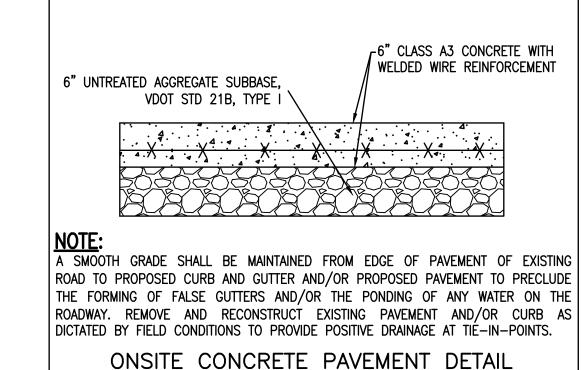


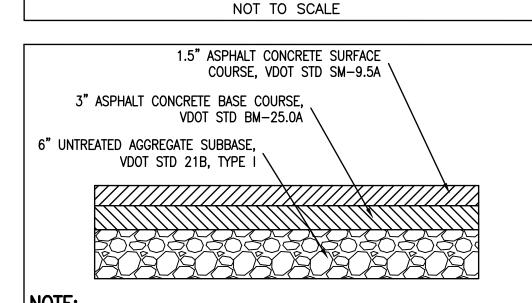






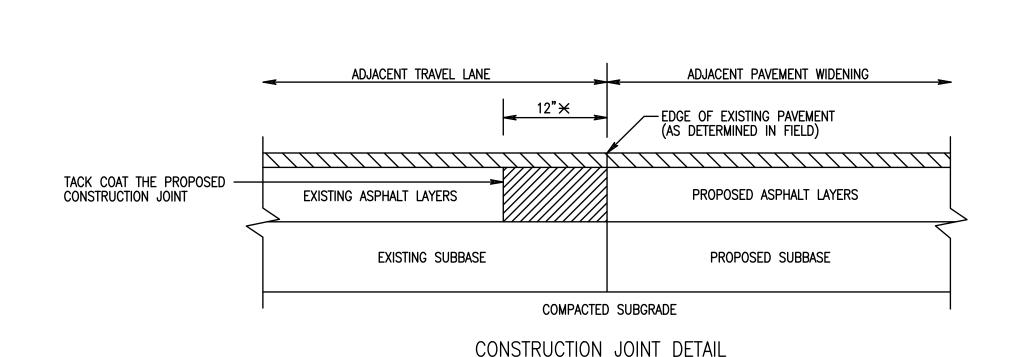






A SMOOTH GRADE SHALL BE MAINTAINED FROM EDGE OF PAVEMENT OF EXISTING ROAD TO PROPOSED CURB AND GUTTER AND/OR PROPOSED PAVEMENT TO PRECLUDE THE FORMING OF FALSE GUTTERS AND/OR THE PONDING OF ANY WATER ON THE ROADWAY. REMOVE AND RECONSTRUCT EXISTING PAVEMENT AND/OR CURB A DICTATED BY FIELD CONDITIONS TO PROVIDE POSITIVE DRAINAGE AT TIÉ-IN-POINTS.

ASPHALT PAVEMENT DETAIL NOT TO SCALE



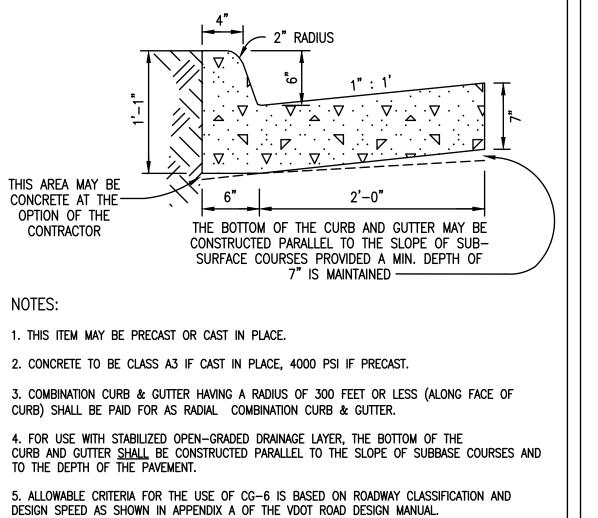
REMOVE EXISTING ASPHALT LAYERS TO EXISTING SUBBASE AND REPLACE WITH PROPOSED ASPHALT WIDENING LAYERS PROPOSED MINIMUM 1½ INCH THICK ASPHALT SURFACE COURSE (SEE NOTE 5)

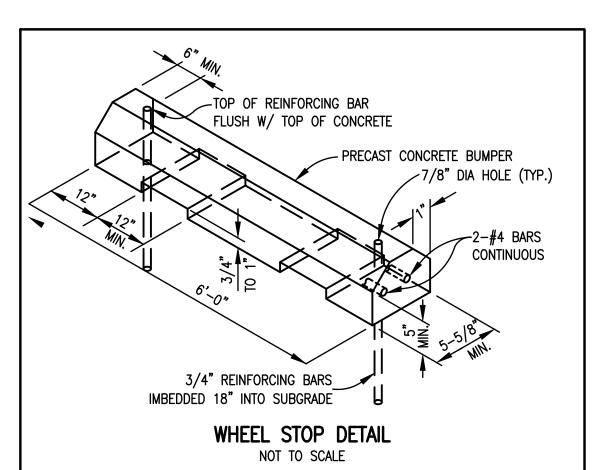
MINIMUM 12 INCHES, OR GREATER AS NECESSARY TO ABUT THE FULL THICKNESS OF EXISTING ASPHALT LAYERS AS DETERMINED BY CORES (SEE NOTE 3)

AND EFFECTIVE SURFACE DRAINAGE.

- 1. ASPHALT PAVEMENT WIDENING SHALL HAVE A PAVEMENT DESIGN IN ACCORDANCE WITH CURRENT VDOT PROCEDURES AND BE APPROVED BY THE ENGINEER.
- THE PAVEMENT DESIGN FOR ASPHALT PAVEMENT WIDENING SHALL MEET OR EXCEED THE DEPTHS AND TYPES OF THE EXISTING PAVEMENT. SUBSURFACE DRAINAGE OF THE EXISTING AND PROPOSED PAVEMENT SHALL BE ADDRESSED IN THE PAVEMENT DESIGN.
- A MINIMUM OF THREE CORES SHALL BE TAKEN ALONG THE CENTER OF THE ADJACENT TRAVEL LANE TO DETERMINE THE TYPE AND THICKNESS OF THE EXISTING PAVEMENT LAYERS. THESE CORES SHALL BE SPACES NO MORE THAN 500 FEET APART.
- 4. THE ADJACENT TRAVEL LANE SHALL BE MILLED A MINIMUM DEPTH OF $1\frac{1}{2}$ INCHES AND REPLACED WITH AN ASPHALT SURFACE COURSE TO MATCH THE PROPOSED PAVEMENT WIDENING SURFACE COURSE, UNLESS WAIVED BY THE ENGINEER.
- THE ENGINEER MAY REQUIRE THE MILLING DEPTH OF THE EXISTING PAVEMENT TO BE ADJUSTED TO ACHIEVE AN ACCEPTABLE PAVEMENT CROSS—SLOPE
- EXISTING PAVEMENT MARKINGS AND MARKERS WITHIN THE PROJECT LIMITS SHALL BE RESTORED SUBJECT TO THE APPROVAL OF THE ENGINEER.
- FINAL TRANSVERSE PAVEMENT TIE—IN SHALL CONFORM TO THE REQUIREMENTS OF SECTION 315.05(c) OF THE SPECIFICATIONS EXCEPT THAT ALL JOINTS AT TIE—IN LOCATIONS SHALL BE TESTED USING A 10 FOOT STRAIGHTEDGE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 315.07(a) OF THE
- SPECIFICATION

ASPHALT PAVEMENT WIDENING REFERENCE FOR WIDENING SUBJECT TO TRAFFIC 303.02 VIRGINIA DEPARTMENT OF TRANSPORTATION

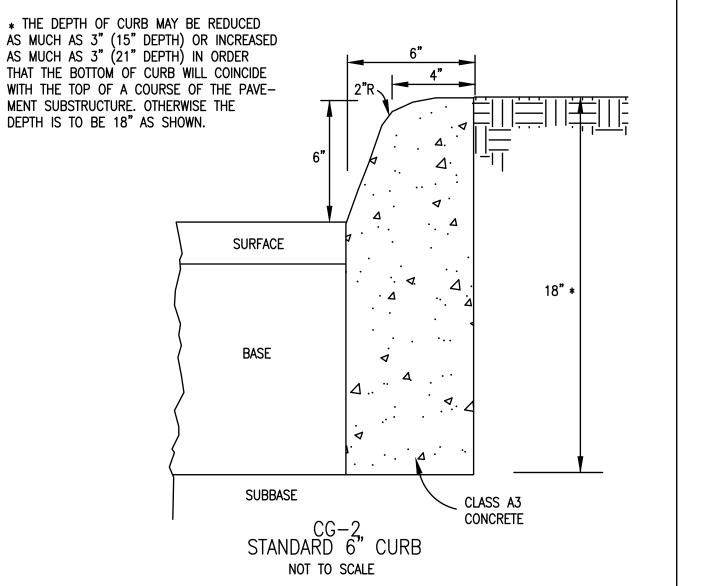


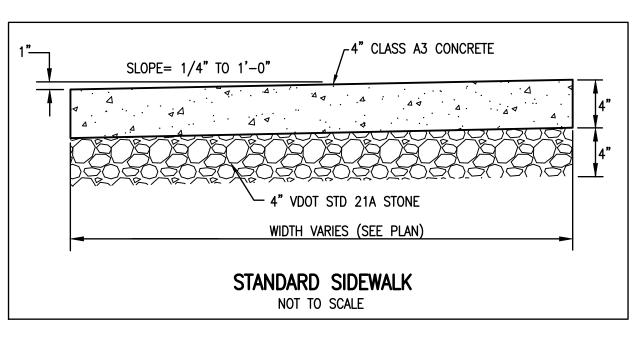


VDOT STD CG-6

COMBINATION 6" CURB AND GUTTER

NOT TO SCALE





PAVEMENT MARKING SPECIFICATIONS: ONSITE PARKING SPACE AND ACCESS AISLE STRIPING SHALL BE STANDARD, 4 INCH WIDE, WHITE THERMOPLASTIC LINES WITH REFLECTIVE MATERIAL AND INSTALLED AS SHOWN ON THE PLAN.

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LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED BY CONTRACTOR PRIOR T CONSTRUCTION. INTERFERENCE OR DISRUPTION OF SAME WILL NOT BE THE RESPONSIBILITY OF THIS OFFICE. ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF FAIRFAX COUNTY 2022 R.C. FIELDS & ASSOCIATES, INC.

CUMENT D AT N RO, CATED CATED TO CATED CONSTRUCTION PROPERTY LOUNS

ΓΕ	REVISION

DESIGN: KB CHECKED: VM SCALE: NO SCALE DATE: FEB 2022

9 of 9