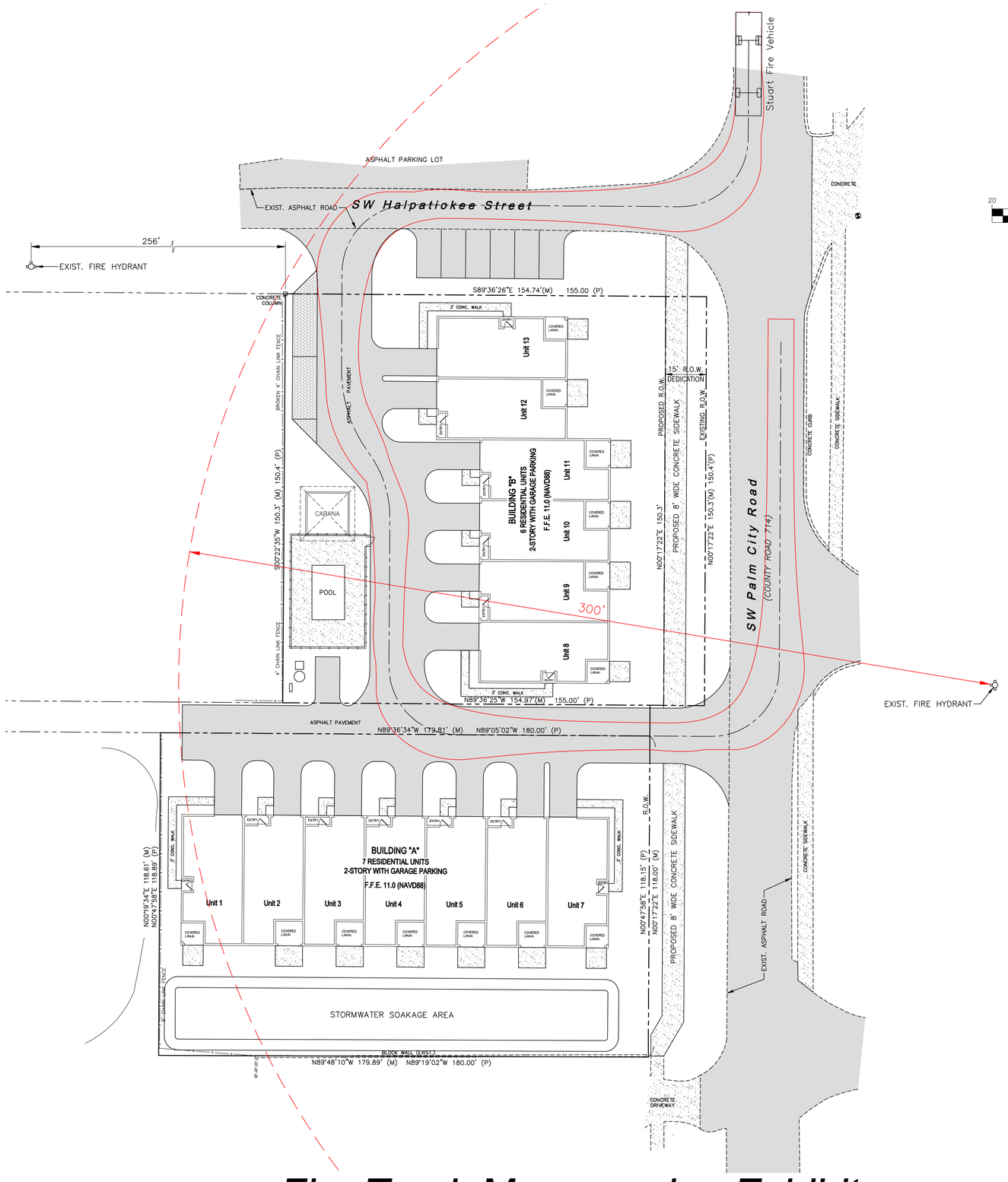
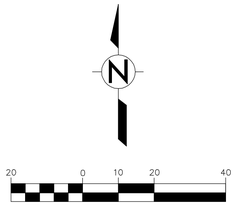
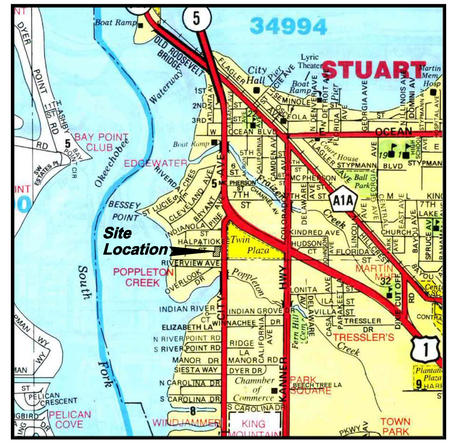


Fire Truck Maneuvering Exhibit





Vicinity Map

1"=1,600'

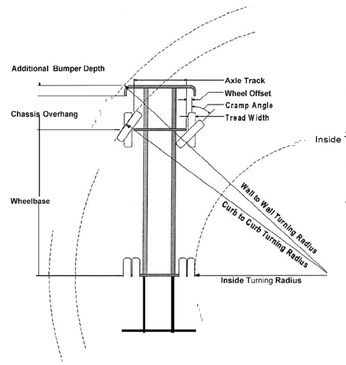
Turning Performance Analysis

02/20/2017

Bid Number: 18143TR

Chassis: Quantum , Bright Finish, S Chassis, Aerials, 31K Single Axle,
Body: Aerial, HD Ladder, Quint, Alum Body

Department: Stuart, City of



Parameters:

Inside Cramp Angle:	45°
Axle Track:	82.92 in.
Wheel Offset:	4.68 in.
Tread Width:	17.70 in.
Chassis Overhang:	82.44 in.
Additional Bumper Depth:	19.00 in.
Front Overhang:	101.44 in.
Wheelbase:	230.75 in.

Calculated Turning Radii:

Inside Turn:	18 ft. 1 in.
Curb to curb:	33 ft. 7 in.
Wall to wall:	38 ft. 10 in.

Comments:

Category:	Option:	Description:
Axle, Front, Custom	0018453	Axle, Front, Oshkosh TAK-4, Non Drive, 22,800 lb, DLX/Enf/Qtm/AXT
Wheels, Front	0019611	Wheels, Frt, Alum, Alcoa, 22.50" x 12.25" (425/ & 385/)
Tires, Front	0001647	Tires, Michelin, 425/65R22.50 20 ply XTE2, Hiway Rib
Bumpers	0012245	Bumper, 19" extended - Sab/CC
Aerial Devices	0057609	Aerial Device, 750# Tip Load, 75' HAL, Single Axle

Notes:

Actual Inside cramp angle may be less due to highly specialized options.

Curb to Curb turning radius calculated for 9.00 inch curb.

Overall truck length is 38 feet

Overall truck width is 9.6 feet

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Engineers–Surveyors (LB & C.A. 0000160)
P.O. BOX 92...959 S. FEDERAL HWY.....STUART, FLORIDA 34995
TEL. (772) 287-3636 FAX (772) 220-0580

NO. REVISION | DESIGNED BY: | DRAWN BY: | DATE: 02.15.21 | SCALE: 1"=20'

FIRE TRUCK MANEUVERING EXHIBIT

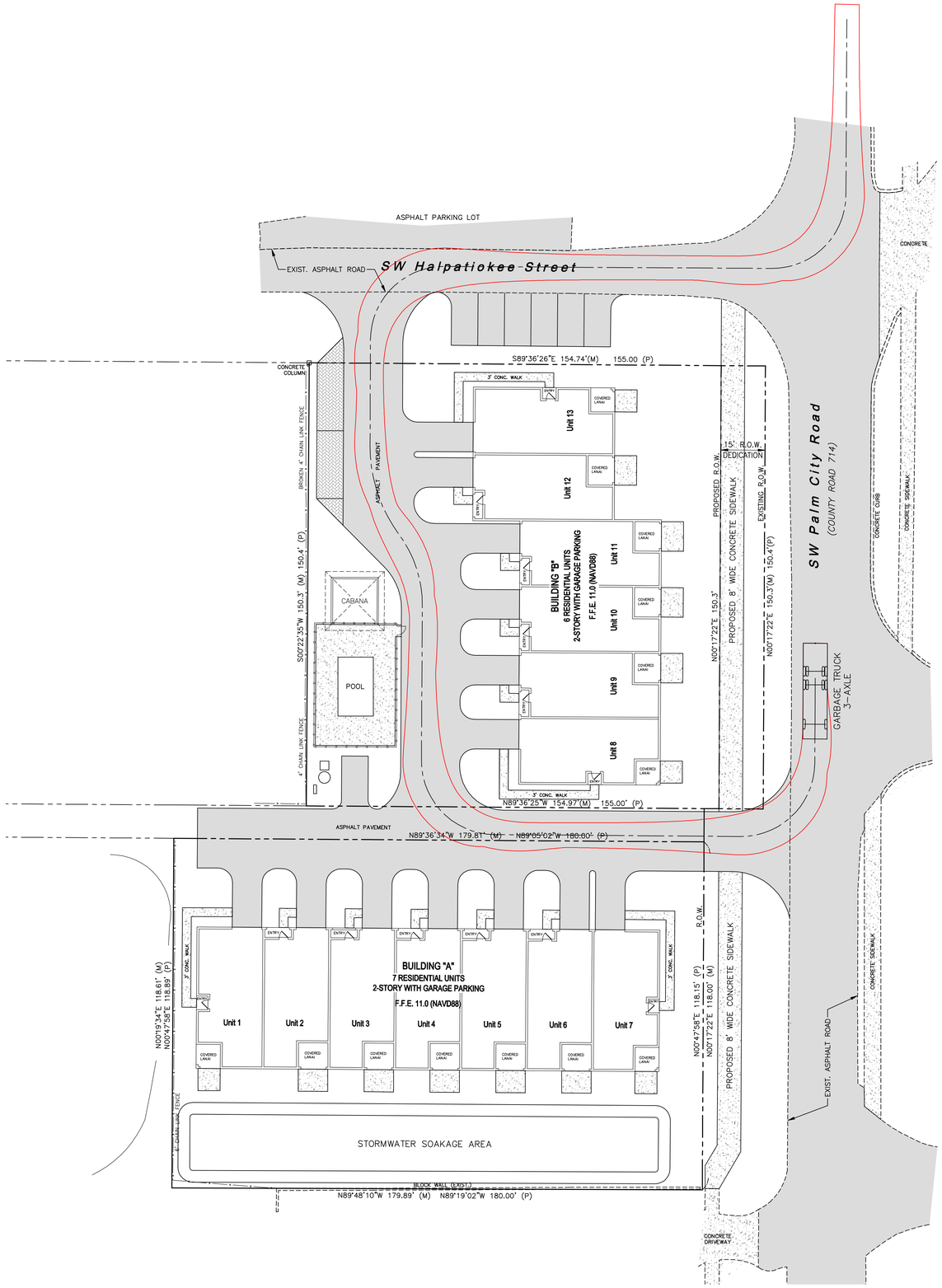
SITE DEVELOPMENT PLANS
PALMETTO COVE
502 Halpatiokee Street & 924 SW Palm City Road, Stuart, Florida

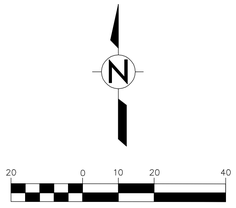
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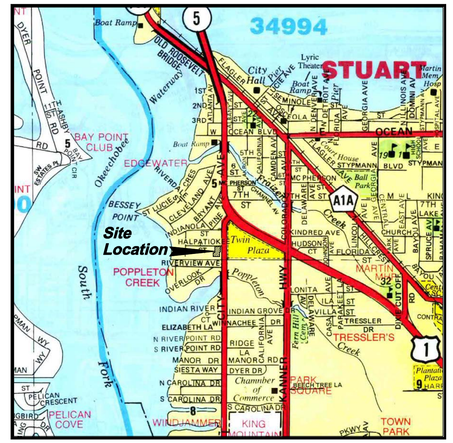
SCOTT T. MONTGOMERY, P.E.
FL. REG. No. 45954

PROJECT NO.

SHEET 1 OF 1







Vicinity Map

1"=1,600'

Sanitation Truck Maneuvering Exhibit 1

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NO	REVISION	DATE
DESIGNED BY:		DATE: 02.15.21
DRAWN BY:		SCALE: 1"=20'

SANITATION TRUCK MANEUVERING EXHIBIT 1

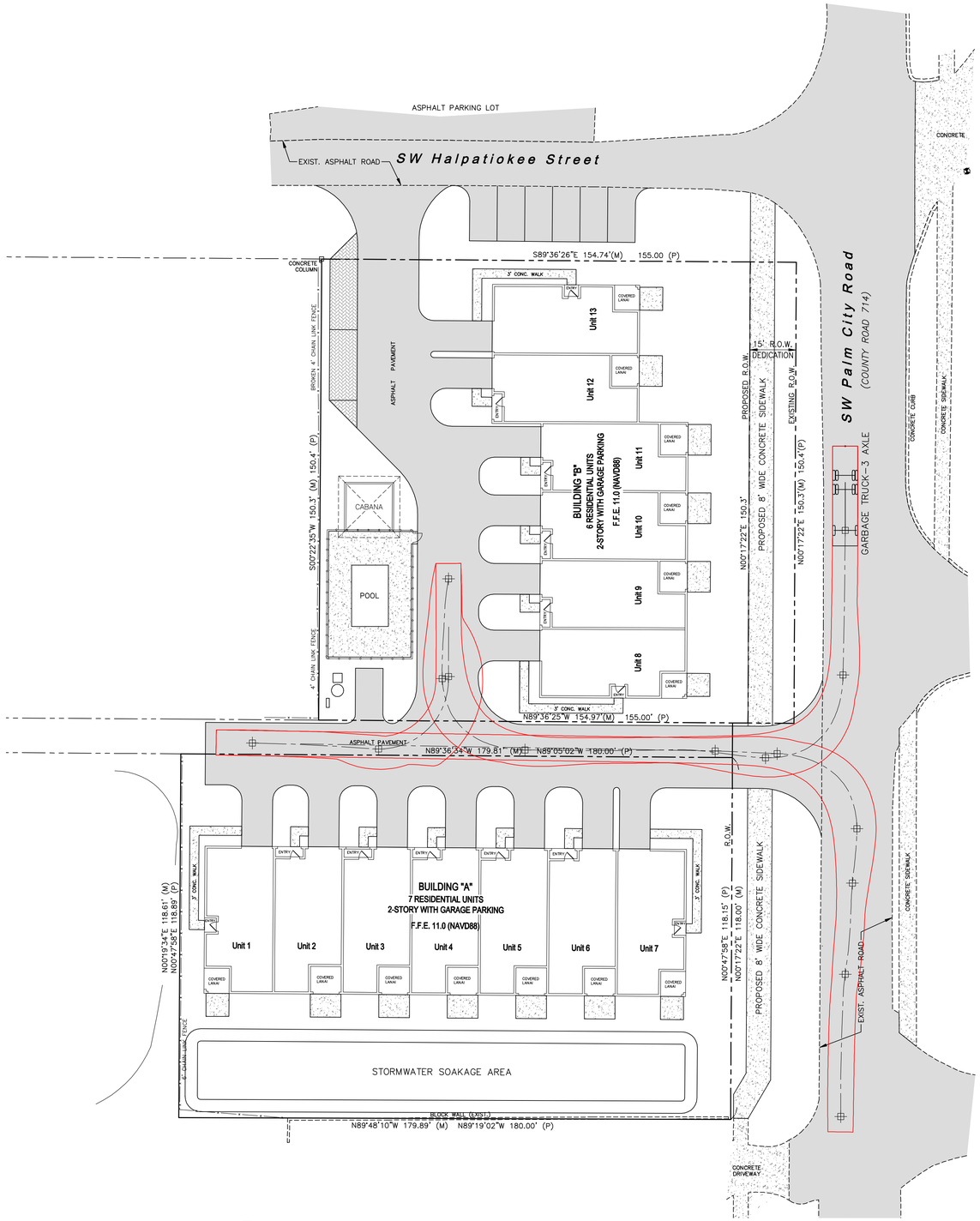
SITE DEVELOPMENT PLANS
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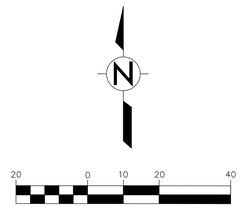
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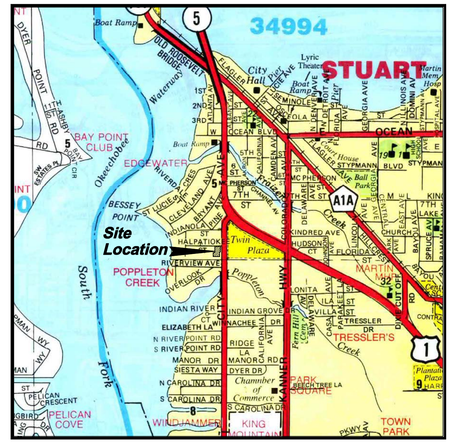
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PROJECT NO.

SHEET 1 OF 1







Vicinity Map

1"=1,600'

Sanitation Truck Maneuvering Exhibit 2

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NO	REVISION	DATE
DESIGNED BY:		DATE: 02.15.21
DRAWN BY:		SCALE: 1"=20'

SANITATION TRUCK MANEUVERING EXHIBIT 2

SITE DEVELOPMENT PLANS
PALMETTO COVE
502 Halpatiokee Street & 924 SW Palm City Road, Stuart, Florida

ENGINEER'S SEAL:

SCOTT T. MONTGOMERY, P.E.
FL. REG. No. 45954

PROJECT NO.

SHEET 1 OF 1