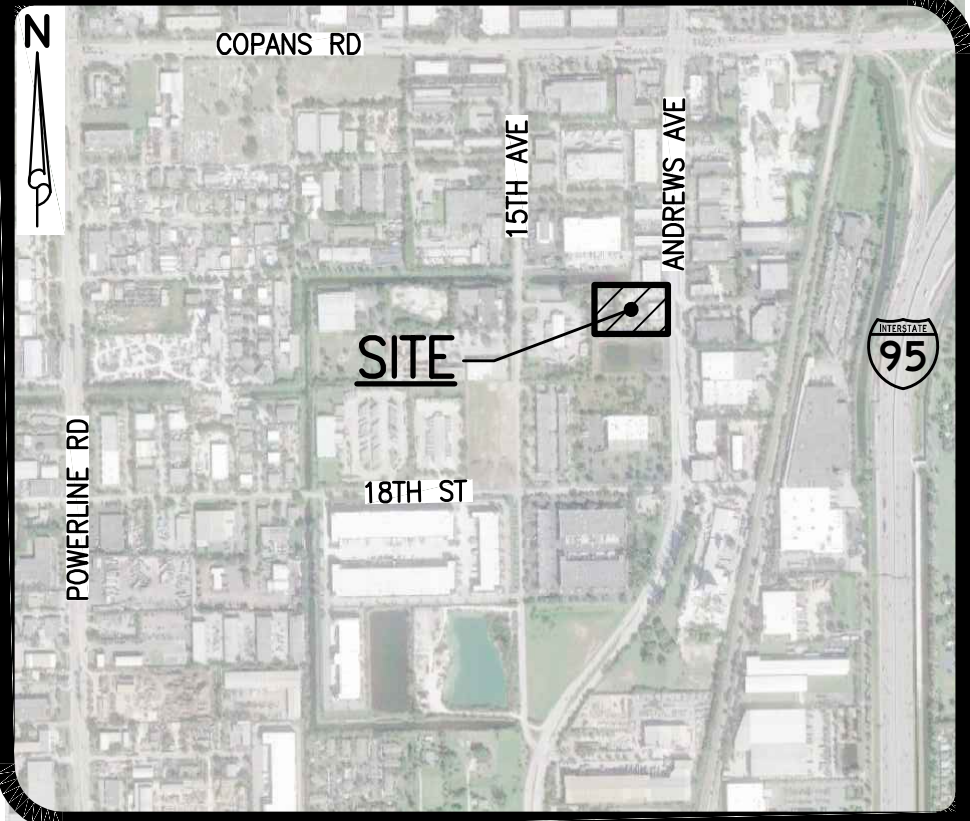


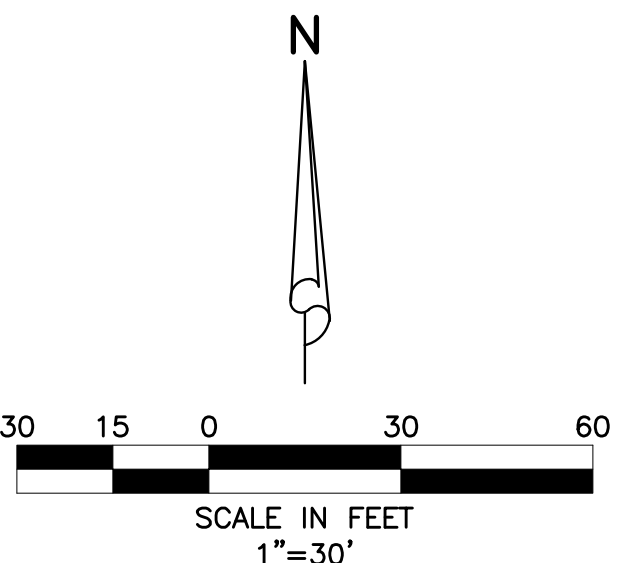
Fire Truck - Pompano Bch

	feet
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 45.0

RED = VEHICLE BODY
BLUE = FRONT TIRE PATH
GREEN = REAR TIRE PATH



LOCATION MAP
NOT TO SCALE



FIRE FLOW DATA:

CONSTRUCTION TYPE:	2-B
CONSTRUCTION TYPE (PER NFPA 220):	II (111)
TOTAL FLOOR AREA:	70,237 SF
FIRST FLOOR:	58,361 SF
MEZZANINE:	11,876 SF

NFPA 1 APPLICABLE CODE SECTIONS:

18.4.4.3.2: REQUIRED FIRE FLOW SHALL BE REDUCED BY 75 PERCENT WHEN THE BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC SPRINKLER SYSTEM. THE RESULTING FIRE FLOW SHALL NOT BE LESS THAN 1000 GPM (3785 L/MIN).

18.4.4.3.3: REQUIRED FIRE FLOW SHALL BE REDUCED BY 75 PERCENT WHEN THE BUILDING IS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC SPRINKLER SYSTEM, WHICH UTILIZES QUICK RESPONSE SPRINKLERS THROUGHOUT. THE RESULTING FIRE FLOW SHALL NOT BE LESS THAN 600 GPM (2270 L/MIN).

18.4.4.3.4: REQUIRED FIRE FLOW FOR BUILDINGS PROTECTED BY AN APPROVED AUTOMATIC SPRINKLER SYSTEM SHALL NOT EXCEED 2000 GPM (7571 L/MIN) FOR 2 HOURS.

18.4.4.4: REQUIRED FIRE FLOW AND AUTOMATIC SPRINKLER SYSTEM DEMAND. FOR A BUILDING WITH AN APPROVED FIRE SPRINKLER SYSTEM, THE FIRE FLOW DEMAND AND THE FIRE SPRINKLER SYSTEM DEMAND SHALL NOT BE REQUIRED TO BE ADDED TOGETHER. THE WATER SUPPLY SHALL BE CAPABLE OF DELIVERING THE LARGER OF THE INDIVIDUAL DEMANDS.

MINIMUM REQUIRED FIRE FLOW - TABLE 18.4.4.2.1

FIRE FLOW: 63,401 TO 72,400 SF FOR TYPE II(111) CONSTRUCTION: 3,750 GPM
DURATION: 3 HOURS

FIRE FLOW: 18.4.4.3.4 IS APPLICABLE:

MINIMUM FIRE FLOW: 2,000 GPM
DURATION: 2 HOURS

EXPECTED SPRINKLER FLOW DEMAND: 2,500 GPM

2/23/2024



CHENEY BROTHERS - POMPA NO BEACH
SECTION 27, TOWNSHIP 48S, RANGE 42E.
CITY OF POMPA NO BEACH, FLORIDA
LIFE SAFETY PLAN

REVISIONS

DESIGN E.C.	DRAWN D.B.	CHECKED	APPROVED	DATE
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JOB NO. 22-187	DRAWING NO. P22-187-01	SHEET 051	OF 1
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04/03/2024