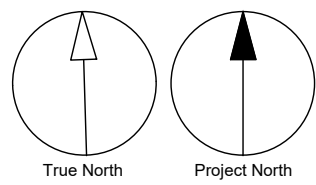
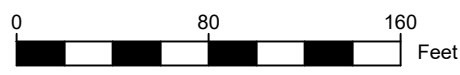


DRC

PZ25- 12000042  
12/17/2025



1 N University Dr, Plantation, FL, 33324

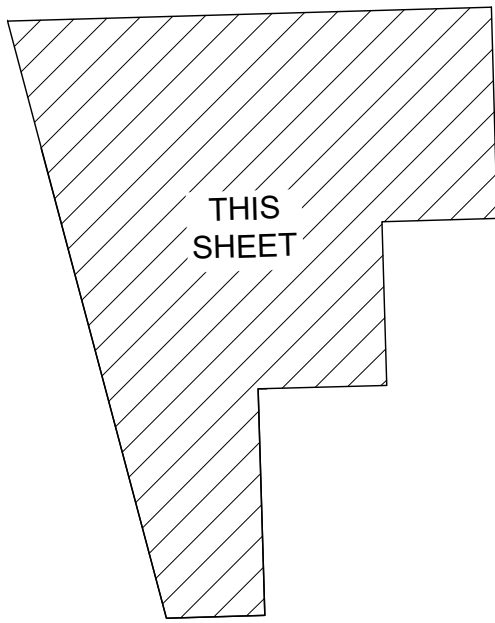
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Arcadis Professional Services (USA) Inc.

ISSUES		
No.	DESCRIPTION	DATE
A	SCHEMATIC DESIGN	2023-08-31
B	DO RELEASE	2024-03-29
C	DRC RELEASE	2024-05-29
D	50% CD PRICING RELEASE	2024-07-17
E	80% CD RELEASE	2024-10-14
F	DRC #3 RESUBMITTAL	2024-11-13
G	100% CD RELEASE	2024-12-16
H	ISSUED FOR SPA - MOD	2025-11-12

**NOT FOR CONSTRUCTION**

KEYPLANS



CONSULTANTS

ARCHITECT:	CIVIL ENGINEER:
<b>ARCADIS</b> ARCADIS 7000 N FEDERAL HWY - 2ND FLOOR BOCA RATON, FL 33487 (561) 996-2000 contact: phil.collieran@arcadis.com email: phil.collieran@arcadis.com	<b>ARCADIS</b> ARCADIS 7000 N FEDERAL HWY - 2ND FLOOR BOCA RATON, FL 33487 (561) 996-2000 contact: KEVIN RAMUDO email: kevin.ramudo@arcadis.com

LANDSCAPE ARCHITECT:	SITE ELECTRICAL:
<b>ARCADIS</b> ARCADIS 21 CUSTOM HOUSE ST - 3RD FLOOR BOSTON, MA 02110 (617) 996-2000 contact: PHIL COLLIERAN email: phil.collieran@arcadis.com	<b>ARCADIS</b> ARCADIS 421 FAYETTEVILLE STREET SUITE 1000 RALEIGH, NC 27601 (919) 881-4211 contact: KEVIN SCHAEFER email: kevin.schaefer@arcadis.com

STRUCTURAL ENGINEER FOR BUILDING 1:	STRUCTURAL ENGINEER FOR CAMPUS:
<b>JEZERINAC</b> JEZERINAC GROUP 1615 FORUM PL, 3A WEST PALM BEACH, FL 33411 (561) 323-7229 contact: RILEY RAUOLA email: brauola@jezerinacgroup.com	<b>JEZERINAC</b> JEZERINAC GROUP 2211 NE 14TH STREET FORT LAUDERDALE, FL 33308 (954) 771-0520 contact: LINDSAY NAWAYAKHAKHA EMAIL: LYE@JEZERINACGROUP.COM

MEPE:	SMITH ENGINEERING CONSULTANTS
<b>MEPE</b> MEPE 2181 PALM BEACH LAKES BLVD SUITE 310 WEST PALM BEACH, FL 33411 (561) 616-3811 contact: STEVE P. WICKHAM email: steve@smithengineeringconsultants.com	<b>SMITH ENGINEERING CONSULTANTS</b> SMITH ENGINEERING CONSULTANTS 2181 PALM BEACH LAKES BLVD SUITE 310 WEST PALM BEACH, FL 33411 (561) 616-3811 contact: STEVE P. WICKHAM email: steve@smithengineeringconsultants.com

SEAL

NOT TO BE FILED FOR RECORD UNLESS SIGNED AND DATED WITH THE ORIGINAL SEAL OF PATRICIA F. RAMUDO, FLORIDA P.E. #35798 FOR THE FIRM.

PRIME CONSULTANT



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www.arcadis.com

ENGINEER'S CERT. OF AUTH. #35798  
(LANDSCAPE ARCHITECTURE)

PROJECT

**COPANS TRANSIT OPERATIONS FACILITY**  
3201 W Copans Road  
Pompano Beach, FL

PROJECT NO:

136677

DRAWN BY:

CMP/JAR

CHECKED BY:

PFR

SCALE:

1" = 80'

APPROVED BY:

PFR

SHEET TITLE

**MASTER LIFE SAFETY PLAN**

SHEET NUMBER

**LSP1.0**

ISSUE

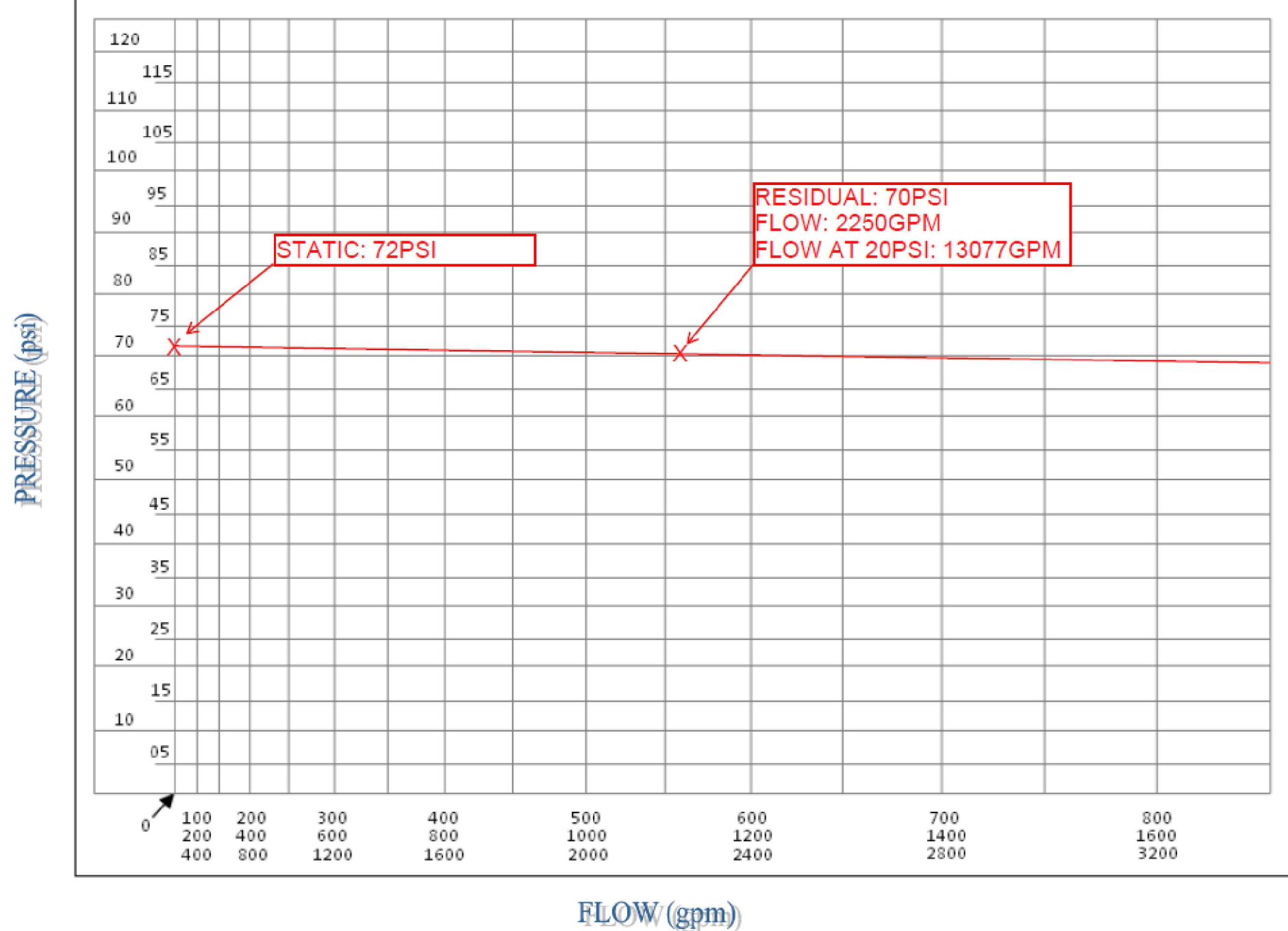
**H**

## FIRE FLOW DATA

REQUIRED FIRE FLOW DEMAND = 3,000 GPM  
REFER TO FIRE PROTECTION SYNOPSIS REPORT

FLOW PROVIDED AT 20 PSI = 13,077 GPM  
REFER TO WIGINTON FLOW TEST DATA SHEET

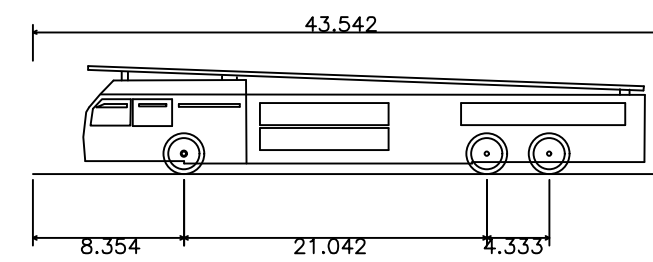
Date	5-30-24	Static Pressure	72
Job Number		Residual Pressure	70
Job Name	BUS TRANSIT	Flow (gpm)	2250
Job Address	BLOUNT RD NORTH OF COPANS RD	Outlet Diameter	2.5
		Coefficient	.9



LIFE SAFETY DATA					
BUILDING	CONSTRUCTION MATERIAL	TOTAL AREA (SF)	FLOORS	HEIGHT OF BUILDING TO HIGHEST OCCUPABLE FLOOR LEVEL	OCCUPANCY CLASSIFICATION
MAINTENANCE BUILDING #1	CONCRETE	215,801	3	34.0'	S1 & S2 (STORAGE)
EXISTING WASH BUILDING #2	CONCRETE	8,553	1	13.95'	B (BUSINESS)
EXISTING FUEL BUILDING #3	CONCRETE	5,538	1	13.41'	S1 (STORAGE)
EXISTING OFFICE BUILDING #4	CONCRETE	14,408	2	13.91'	B (BUSINESS)
FUTURE BUILDING #5	CONCRETE	16,709	2	14.0'	B (BUSINESS)
NORTH GUARD HOUSE	CONCRETE	140	1	14.0'	B (BUSINESS)
SOUTH GUARD HOUSE	CONCRETE	140	1	14.0'	B (BUSINESS)

## NOTES:

1. LIGHTING - AREA LIGHTING PROVIDED FOR INCREASED NIGHTTIME VISIBILITY FOR SURVEILLANCE AND ILLUMINATION NEXT TO BUILDINGS IN PEDESTRIAN AREAS.
2. SECURITY PATROL OR GUARDS - NO SPECIAL SECURITY GUARDS OR PATROLS ARE PROVIDED TYPICALLY.
3. ADDRESS - ADDRESS IS MOUNTED ON ALL BUILDING FACADES FACING CIRCULATION ROAD. VISIBILITY IS ENSURED BY MOUNTING THE CODE-REQUIRED NUMERALS AT EYESIGHT LEVEL AND AWAY FROM ANY LANDSCAPE OBSTRUCTIONS.
4. LANDSCAPE - VISIBILITY INTO AND OUT OF INTERNAL PARKING OF THE SITE ENHANCED BY CLEAR VISIBILITY SIGHT TRIANGLES INCORPORATED INTO THE PLANTING DESIGN AT EACH INTERSECTION OF TRAFFIC AISLES AND PARKING SPACES AISLE.
5. FIRE HYDRANTS - PROVIDED FOR FIRE SAFETY.
6. PEDESTRIAN CIRCULATION - CONCRETE SIDEWALKS PROVIDED TO FACILITATE PEDESTRIAN CIRCULATION. HANDICAP SPACES WITH ACCESSIBLE RAMPS PROVIDED ADJACENT TO BUILDING. PARKING LOT DESIGNED FOR REDUCED PEDESTRIAN AND VEHICULAR CONFLICTS BY PROVIDING LANDSCAPE ISLANDS AND BARRIERS TO FREE FLOW OF TRAFFIC. PARKING DESIGN MAXIMUM PARKING AREAS LOCATED FOR CONVENIENT USE IN FRONT OF BUILDINGS. PARKING DESIGNED 2' OVERHANG PROTECTING PEDESTRIAN AND LANDSCAPED AREAS FROM VEHICULAR ENCROACHMENT. TRAFFIC PLANNING AND CONTROL SITE CIRCULATION DESIGNED TO PERMIT UNRESTRICTED FLOW FOR EMERGENCY VEHICLES. LANDSCAPED ISLANDS IN INTERNAL PARKING AREA DESIGNED TO CHANNEL TRAFFIC AND RESTRICT INTERNAL FLOW PROTECTING THE PEDESTRIAN AND PREVENTING UNRESTRICTED FLOW FOR THE POTENTIAL OFFENDER. DIRECTIONAL TRAFFIC SIGNAGE PROVIDED FOR REDUCED VEHICULAR CONFLICT.
7. TRAFFIC SIGNAGE AND PAVEMENT MARKINGS PROVIDED THROUGHOUT THE SITE FOR SAFETY, VEHICULAR CIRCULATION AND PEDESTRIAN PROTECTION.
8. BICYCLE PARKING - 20 SPACES REQUIRED, 20 SPACES PROVIDED. BICYCLE ACCESS TO SITE VIA SOUTH ENTRANCE (COPANS).



Pompano Beach Aerial Fire Truck	43.542ft
Overall Length	8.167ft
Overall Width	8.167ft
Overall Body Height	0.750ft
Min Body Ground Clearance	0.750ft
Track Width	8.167ft
Lock-to-lock time	8.00s
Max Wheel Angle	45.00°

PATRICIA F. RAMUDO, State of Florida, Professional Engineer, License No. 35798

This item has been digitally signed and sealed by PATRICIA F. RAMUDO on the date indicated here.

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