

WATER BASED SPRINKLER SYSTEM REQUIREMENTS

1. THE PROJECT IS A MODIFICATION OF EXISTING FIRE SPRINKLER SYSTEM. NO CHANGE IN POINT OF SERVICE OF WATER SUPPLY WILL OCCUR.
2. THE RENOVATED AREAS SHALL BE FULLY SPRINKLED IN ACCORDANCE WITH THE MOST RECENT EDITION OF NFPA 13 AND LOCAL CODES.
3. THERE IS NO CHANGE TO HAZARD CLASSIFICATION.
4. THE MODIFICATION TO EXISTING SHALL BE HYDRAULICALLY CALCULATED IN ACCORDANCE WITH NFPA 13.
 LIGHT HAZARD: 0.10 GPM/SF, MAX 225 SF PER HEAD, 15 FT MAX NOMINAL SPACING; ORDINARY TEMPERATURE RATING HEADS.
 ORDINARY HAZARD GROUP 1: 0.15 GPM/SF, MAX 130 SF PER HEAD, 15 FT MAX NOMINAL SPACING; INTERMEDIATE TEMPERATURE RATING HEADS.
 ORDINARY HAZARD GROUP 2: 0.20 GPM/SF, MAX 130 SF PER HEAD, 15 FT MAX NOMINAL SPACING; INTERMEDIATE TEMPERATURE RATING HEADS.
5. THE POINT OF SERVICE CONNECTION IS EXISTING, AND WILL NOT BE MODIFIED WITH THIS PROJECT.
6. NO NEW FLOW TEST IS REQUIRED FOR THIS MODIFICATION TO EXISTING SYSTEM.
7. THE EXISTING RISER WILL NOT BE MODIFIED WITH THIS PROJECT.
8. BACKFLOW PREVENTER IS EXISTING AND WILL NOT BE MODIFIED WITH THIS PROJECT.
9. REFER TO GENERAL NOTES AND SPECIFICATIONS FOR QUALITY AND PERFORMANCE SPECIFICATIONS OF ALL FIRE PROTECTION COMPONENTS.
10. NO FIRE PUMP IS REQUIRED.
11. NO ON SITE FIREWATER STORAGE TANK IS REQUIRED.

LEGEND

	FW	FIRE WATER SUPPLY
	FM	EXISTING UNDER GROUND FIRE SPRINKLER MAIN
	WP	WET PIPE SPRINKLER SUPPLY
	FW(ε)	EXISTING FIRE WATER SUPPLY
	(ε)	EXISTING

GENERAL NOTES

1. THE BUILDING IS FULLY SPRINKLERED.
2. MAINTAIN THE INTEGRITY OF ALL FIRE RATED ASSEMBLIES AND ACOUSTICAL ASSEMBLIES.
3. CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER TRADES.
4. NEW SPRINKLER HEADS SHALL BE OF ORDINARY TEMPERATURE RATINGS FOR ALL LIGHT HAZARD AREAS. MATCH EXISTING SPRINKLER STYLE, K-FACTOR AND FINISH.
5. ALL PIPING SHALL OBSERVE PROPER PITCH. PROVIDE DRAINS FOR LOW POINTS.
6. PIPE HANGERS SHALL BE INSTALLED AS REQUIRED BY NFPA 13 FOR SUPPORTING SPRINKLER PIPING. NO OTHER PIPING OR DEVICES SHALL BE ATTACHED TO THE SPRINKLER HANGER SYSTEM UNLESS THE HANGER HAS BEEN DESIGNED TO CARRY THE ADDITIONAL LOAD.
7. THIS CONTRACT DOES NOT INCLUDE ANY MATERIAL OR DEVICE TO IMPROVE THE STRUCTURAL STRENGTH OF THE BUILDING TO ENABLE IT TO CARRY THE LOAD OF THE FIRE PROTECTION SYSTEM.
8. ALL ABOVE GROUND WET SPRINKLER PIPE THAT IS THREADED SHALL BE SCHEDULE 40 BLACK WITH BLACK CAST/MALEABLE IRON FITTINGS WITH JOINTS PER NFPA 13. TEFLON TAPE SHALL BE ADDED TO ALL MALE THREADS OF PIPE AS A JOINING COMPOUND. CPVC PIPING IS NOT ACCEPTABLE.
9. ALL ABOVE GROUND WET SYSTEM SPRINKLER PIPE THAT IS WELDED OR ROLL-GROOVED SHALL BE SCHEDULE 10 BLACK WITH BLACK CAST/MALEABLE IRON FITTINGS WITH JOINTS PER NFPA 13. CPVC PIPING IS NOT ACCEPTABLE.
10. MICROBIAL INDUCED CORROSION IS NOT ANTICIPATED IN THIS PROJECT.
11. INSTALL SPRINKLER HEADS CENTER OF TILE IN ACOUSTICAL CEILINGS. HEAD LOCATIONS SHALL BE GUIDED BY ARCHITECTURAL ELEMENTS FOR OTHER CEILING TYPES.
12. IT IS NOTED THAT SOME AREAS WILL BE REQUIRED TO BE PROTECTED AS ORDINARY HAZARD (MECHANICAL ROOMS, ETC.) THESE AREAS HAVE BEEN IDENTIFIED BY A DIFFERENT HATCHING PATTERN THAN THE LIGHT HAZARD AREAS ON THE PLANS.
13. FIRE MAIN LAYOUT IS EXISTING & NOT SHOWN. CONTRACTOR SHALL FIELD VERIFY.



Design - Build Contractor

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Panama City, FL 32401
(850) 215-5540

**LYNN HAVEN
METHODIST CHURCH**
3203 MINNESOTA AVENUE
LYNN HAVEN, FL 32444

REVISION

#	DESCRIPTION	DATE

Designed By:
S.DAY

Drawn BY:
S.DAY

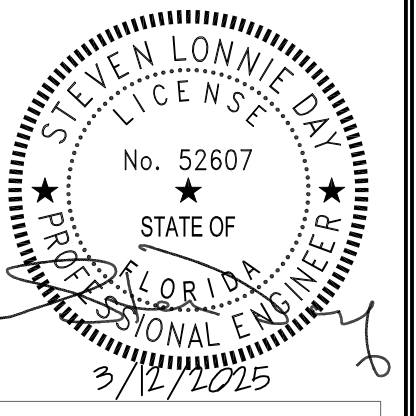
**FIRE
PROTECTION
LEGEND AND
NOTES**

FP1-0

03/10/2025 10:00:00 AM

Steven L. Day,
State of Florida,
Professional Engineer,
License No. 52607

This item has been
digitally signed and
sealed by Steven L. Day
on the date indicated
here.
3/12/2025
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considered signed and
sealed and the signature
must be verified on any
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**WATFORD
ENGINEERING**

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REVISION		
#	DESCRIPTION	DATE

Designed By:
S.DAY

Drawn By:
S.DAY

**OVERALL FIRE
PROTECTION
PLAN**

FP2-0

03/10/2025 10:00:00 AM



FIRE PROTECTION PLAN
SCALE: 3/32"=1'-0"

HAZARD CLASSIFICATION

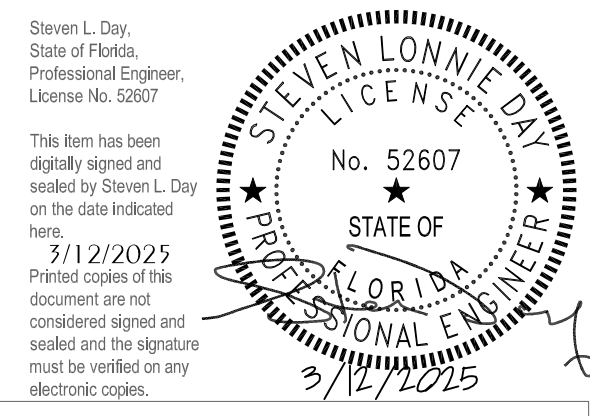
	LIGHT HAZARD
	ORDINARY HAZARD GROUP 1
	ORDINARY HAZARD GROUP 2

SCOPE OF WORK

AREA A - BUILD-OUT OF AN EXISTING, SPRINKLERED APPROXIMATELY 70 FOOT TALL WAREHOUSE AREA. LEAVE EXISTING PIPING AND UPRIGHT SPRINKLER HEADS IN PLACE TO PROTECT AREA ABOVE CEILINGS. ADD NEW PIPING AND SPRINKLER HEADS AS NECESSARY TO PROTECT NEWLY ENCLOSED BUILD-OUT SPACES.

AREAS B, C, D, AND E - MODIFIED EXISTING SPACES. MODIFY EXISTING SPRINKLER PIPING AND HEAD LOCATIONS TO ACCOMMODATE NEW FLOOR PLAN.

NOTE: ALL CEILINGS ARE LAY-IN GRID UNLESS NOTED OTHERWISE.



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