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WEXLER RESIDENCE
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 4304

MIAMI BEACH, FL.
 33139

NOTES

No.	Date	Description
1	1.17.2024	FIRST SUBMISSION (FOR QUOTE)
1	3.12.2024	FIRST SUBMISSION AFTER OBJECTIONS

TITLE

FIRE SPRINKLER
 LOCATIONS

SEAL & SIGNATURE	DATE: 1.17.2024
	PROJECT No: 21007
	DRAWN BY: JES
	CHECKED BY: ARE
	DWG No:
	LS-1

LS-1

Fine Line Engineers Inc.
 Electrical, Mechanical, Plumbing
 Fire Protection, Construction Administration
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 GEORGE FREJO, P.E.
 REGISTRATION NUMBER: 101274
 STATE OF FLORIDA Exp. 08/2026

LIFE SAFETY SCOPE OF WORK:
 RELOCATE FIRE ALARMS. FIRE ALARM
 SUBCONTRACTOR TO SUBMIT SHOP DRAWINGS
 UNDER SEPARATE PERMIT FOR CMB REVIEW
 AND APPROVAL
 RELOCATE FIRE SPRINKLERS. FIRE SPRINKLER
 SUBCONTRACTOR TO SUBMIT SHOP DRAWINGS
 UNDER SEPARATE PERMIT FOR CMB REVIEW
 AND APPROVAL.

IN CONFORMANCE WITH NFPA1, CHAPTER 4.5.6:
 DEMOLITION AND CONSTRUCTION SHALL NOT
 LIMIT OR DEGRADE ANY EXISTING LIFE SAFETY
 FEATURES OF THE EXISTING FACILITY,
 INCLUDING BUT NOT LIMITED TO, EMERGENCY
 EGRESS, EMERGENCY POWER, EMERGENCY
 LIGHTING, FIRE ALARM OR FIRE SPRINKLER
 FUNCTION. ANY TEMPORARY SHUT DOWN OF
 ANY SYSTEMS SHALL BE COORDINATED WITH
 FIRE DEPARTMENT INSPECTION PERSONNEL,
 IN ADVANCE OF PERFORMING WORK AT THE
 CONSTRUCTION SITE

ALL LIFE SAFETY SYSTEMS SHALL REMAIN
 ACTIVE DURING DEMO/BUILDOUT.

FIRE PROTECTION NOTES:

1. THE FIRE PROTECTION SYSTEM INSTALLATION AND MATERIALS SHALL BE IN COMPLIANCE WITH THE APPLICABLE BUILDING CODES AND FLORIDA FIRE PREVENTION CODE, AND NFPA 101.
2. SPRINKLER SYSTEM TO BE INSTALLED BE A STATE-CERTIFIED FIRE PROTECTION CONTRACTOR. CONTRACTOR SHALL PROVIDE FIRE SPRINKLER SHOP DRAWINGS FOR REVIEW BY THE FIRE DEPT. ALSO, CONTRACTOR SHALL PROVIDE HYDRAULIC CALCULATIONS USING A FLOW TEST OF NO OLDER THAN 6 MONTHS, IF REQUIRED BY THE FIRE DEPARTMENT. SUBMIT ALL SHOP DRAWINGS AND CALCULATIONS TO ARCHITECT OR ENGINEER FOR REVIEW PRIOR TO STARTING WORK.
3. CONTRACTOR SHALL COORDINATE WITH STRUCTURE, CEILING GRID, AND ELEVATIONS, AND OTHER HVAC AND ELECTRICAL DISCIPLINES BEFORE FABRICATING AND INSTALLING SPRINKLER PIPING. MAKE OFFSETS IN PIPING AS REQUIRED PER FIELD CONDITIONS. MAINTAIN 6" CLEARANCE BETWEEN PIPING AND 1- AND 2-HOUR RATED WALLS.
4. ALL VALVES SHALL BE OF DOMESTIC MANUFACTURER, U.L. LISTED FOR FIRE PROTECTION SERVICE AND RATED FOR 175PSI WORKING PRESSURE. PROVIDE U.L. LISTED / FM APPROVED TAMPER SWITCHES, WHERE SHOWN AT CONTROL VALVE LOCATIONS.
5. SPRINKLER HEADS SHALL BE U.L. LISTED AND EQUIVALENT TO TYCO RF-2 5.6K, 155 DEGREE QUICK RESPONSE RECESSED TYPE AND RATED FOR 175PSI WORKING PRESSURE. CONTRACTOR SHALL PROVIDE AND TURN OVER TO THE OWNER AT LEAST SIX SPARE SPRINKLER HEADS AND COVERS OF EACH TYPE AND TEMPERATURE RATING BEING INSTALLED.

- = PENDENT HEAD
- ◀ = SIDEWALL HEAD

6. CONTRACTOR SHALL PROVIDE FLUSHING CONNECTIONS WHERE SHOWN ON PLANS. PROVIDE A DRAIN CONNECTION FOR ALL TRAPPED SECTION OF PIPING.
7. ABOVE-GROUND PIPING SHALL BE EITHER:
 - 7.1. BLAZEMASTER CPVC PIPE U.L. LISTED 1" THROUGH 3".
 - 7.2. CAST IRON TO MATCH EXISTING ON SITE
 - 7.3. GALVANIZED STEEL
8. RISERS SHALL BE SCHEDULE 10 BLACK STEEL PIPE, PER JOB CONDITIONS AND INSTALL PIPING TIGHT TO STRUCTURE POSSIBLE.
9. PRESSURE TEST ABOVE-GROUND PIPING HYDROSTATICALLY AT 200PSI FOR 2 HOURS IN ACCORDANCE WITH NFPA-13. FLUSH OUT ALL PIPING IN ACCORDANCE WITH NFPA-13. PROVIDE TYPED AND COMPLETED NFPA-13 TEST CERTIFICATE FOR ABOVE-GROUND PIPING.
10. SPRINKLER HEADS SHALL MATCH EXISTING, UNLESS OTHERWISE NOTED ON PLANS.
11. SPRINKLER HEADS SHALL BE LOCATED NO LESS THAN 12" FROM THE EXTERIOR EDGE OF ELECTRICAL FIXTURES, INCLUDING LIGHT FIXTURES, SMOKE DETECTORS, J-BOXES, ETC. SUBCONTRACTOR TO COORDINATE INSTALLATION OF EACH HEAD WITH OTHER TRADES, AND NOTIFY ARCHITECT IN WRITING IN CASE OF ANY DISCREPANCIES BETWEEN PLANS AND SITE CONDITIONS.
12. SIDEWALL SPRINKLER HEADS SHALL HAVE MINIMUM 6" CLEARANCE FROM ANY STRUCTURE, TRIM, MILLWORK, ETC. OVERHEAD OR LATERAL.
13. ALL SPRINKLER HEADS TO BE RECESSED. SPRINKLER CONTRACTOR TO PROVIDE CAPS AT ALL SPRINKLER HEADS
14. SHOULD THE FIRE SPRINKLER SYSTEM BE DISCONNECTED FOR MORE THAN 4 HOURS, GENERAL CONTRACTOR SHALL ESTABLISH A FIRE WATCH UNTIL THE SYSTEM IS FULLY OPERATIONAL.