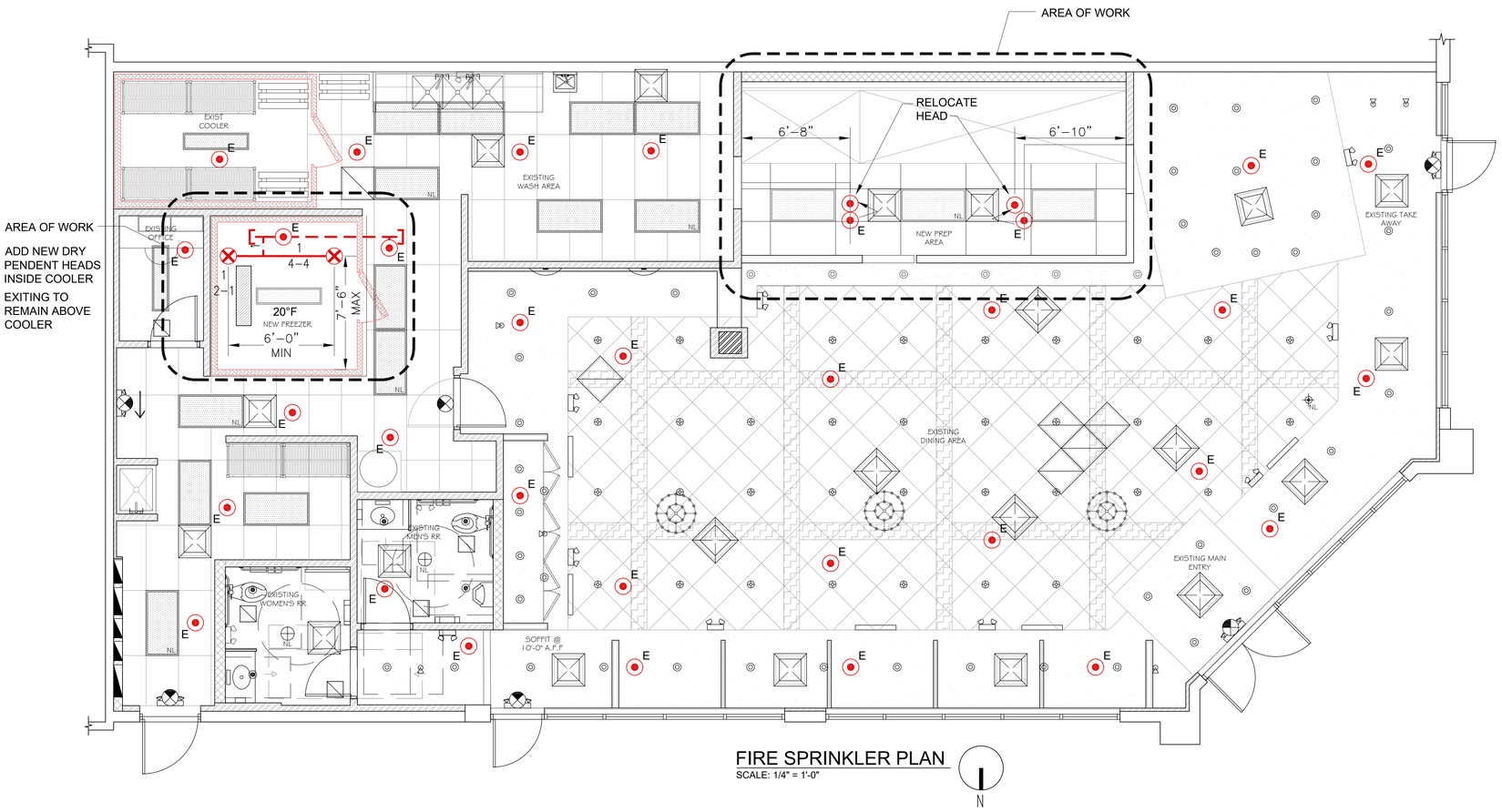
IMPORTANT

THIS DRAWING AND THE INFORMATION AND DESIGN APPLICATION HEREIN CONTAINED ARE PROPRIETARY TO CARDEL FIRE PROTECTION, INC. AND/OR ITS SUBSIDIARIES AND IS PROVIDED UPON THE EXPRESS CONDITION THAT THE SAME BE RETURNED TO CARDEL FIRE PROTECTION, INC. UPON REQUEST. ALL INFORMATION HEREIN CONTAINED SHALL BE TREATED AS SECRET AND CONFIDENTIAL AND NO USE OR DISCLOSURE WHATSOEVER OF THE SAME OR THEREOF SHALL BE MADE WITHOUT THE WRITTEN CONSENT OF CARDEL FIRE PROTECTION, INC.



FIRE SPRINKLER PLAN

SCALE: 1/4" = 1'-0"

N

SCOPE OF WORK:

RELOCATE (2) SPRINKLERS AT KITCHEN AREA TO CENTER OF TILE

ADD (2) NEW DRY PENDENT HEADS IN FREEZER

GENERAL NOTES

1. THE SYSTEM DESIGN AND INSTALLATION SHALL COMPLY WITH NFPA 13,-(ED:2019) AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
2. ALL CONTROL VALVES, FLOW DEVICES & SWITCHES SHALL BE PROPERLY IDENTIFIED AND ELECTRONICALLY SUPERVISED PER NFPA 13. (SUPERVISION BY OTHERS)
3. ALL HANGER COMPONENTS AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13
4. WHERE ADDITION OR MODIFICATION IS MADE TO AN EXISTING SYSTEM AFFECTING MORE THAN 20 SPRINKLERS, THE NEW PORTION SHALL BE ISOLATED AND TESTED AT NOT LESS THAN 200 PSI (13.8 bar) FOR 2-HOURS PER NFPA13
5. MODIFICATIONS THAT CANNOT BE ISOLATED, SUCH AS RELOCATED DROPS, SHALL NOT REQUIRE TESTING IN EXCESS OF SYSTEM WORKING PRESSURE.
6. ELECTRICAL WIRING FOR DEVICES AND ANY PAINTING OF THE PIPE THAT MAY BE REQUIRED SHALL BE BY OWNER OR OTHERS.
7. THE EMERGENCY SPARE HEAD CABINET(s) TO BE INSTALLED, PROVIDE HEADS & WRENCHES AS REQUIRED PER NFPA 13.

BASIS OF DESIGN

SYSTEM IS DESIGNED PER NFPA 13-(ED:2019) FOR LIGHT HAZARD IN ALL SEATING & RESTROOM AREAS. ORDINARY HAZARD GROUP I IN ALL KITCHEN SERVICE AREAS.

EXISTING OVERHEAD SYSTEM IS DESIGNED WITH STANDARD COVERAGE HEADS FOR ORDINARY HAZARD GROUP II.

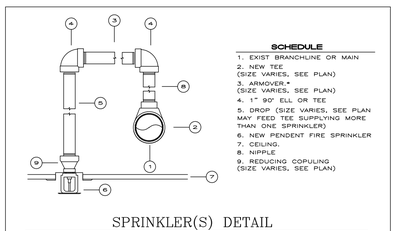
MATERIAL NOTES

ALL PIPING & FITTINGS SHALL BE AS FOLLOWS:

1. SCHED.10 & 40 GL AND OR BLK SCHED. 40 (ASTM A 135) (SIZES 1"AND UP TO 2")
2. SCHD.10 (ASTM A 135) (SIZES 2½"AND UP TO 12") (IF APPLICABLE)
3. CAST IRON THREADED FITTINGS, CLASS 125 AND 250 (ASME B16.4)
4. MALLEABLE IRON THREADED FITTINGS, CLASS 150 AND 300 STEEL (ASME B16.3)

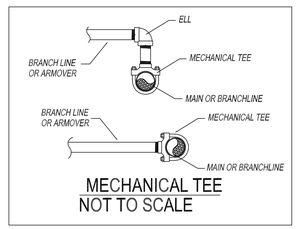
SYMBOL LEGEND

- E — EXISTING HEAD TO REMAIN
- R — NEW RELOCATED TYCO RF-II CONCEALED PENDENT, 5.6K, 1/2", 155F, TY3531
- N — NEW TYCO DS-8 DRY PENDENT 8.0 K, SR, 1", 286F, TY4255 WITH HEAD GUARD
- EXISTING OUTLET TO BE PLUGGED
- EXISTING BRANCHLINE OR MAIN
- NEW BRANCHLINE OR MAIN



SPRINKLER(S) DETAIL

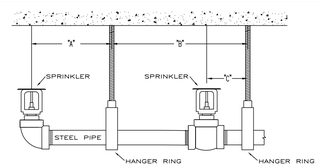
N.T.S.



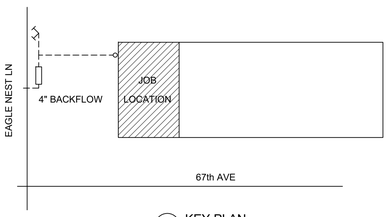
MECHANICAL TEE
NOT TO SCALE

HANGER LOCATION DETAIL

PIPE SIZE	A	B	C
1"	3'–0" MAX	12'–0" MAX	3" MIN
1¼"	4'–0" MAX	12'–0" MAX	3" MIN
1½" – 8"	5'–0" MAX	15'–0" MAX	3" MIN



*NOTE: MAXIMUM HANGER SPACING FOR THREADED LIGHTWALL STEEL PIPE IS 12'–0" FOR ALL PIPE SIZES



KEY PLAN

VICTOR G. REEVE
PE No. 12324
5415 S.W. 131st AVE
MIAMI, FLORIDA SS175
PH: 305–378–6925

Cardel Fire Protection, Inc.
Fire Protection Contractors
1430 N.W. 108th Ave. #101 Miami, Fl 33172
LIC. # 73144700 Tel (305) 418–4880, Fax (305) 418–4885

PINECREST BAKERY
15519 NW 67th AVE
MIAMI FL 33014

FIRE PROTECTION PLAN

TOTAL HEAD COUNT: 04

07/29/2026	Scale: AS SHOWN	Design by: J.R.C Drawn by: JLDT	JOB NUMBER: CC–26–4652	FP-01