


LEGEND

NEW

-  STANDARD RESPONSE UPRIGHT SPRINKLER 80 K-FACTOR
-  TEE
-  SPRINKLER PIPING
-  HYDRAULIC POINTS

EXISTING

-  STANDARD RESPONSE PENDENT SPRINKLER
-  SPRINKLER PIPING

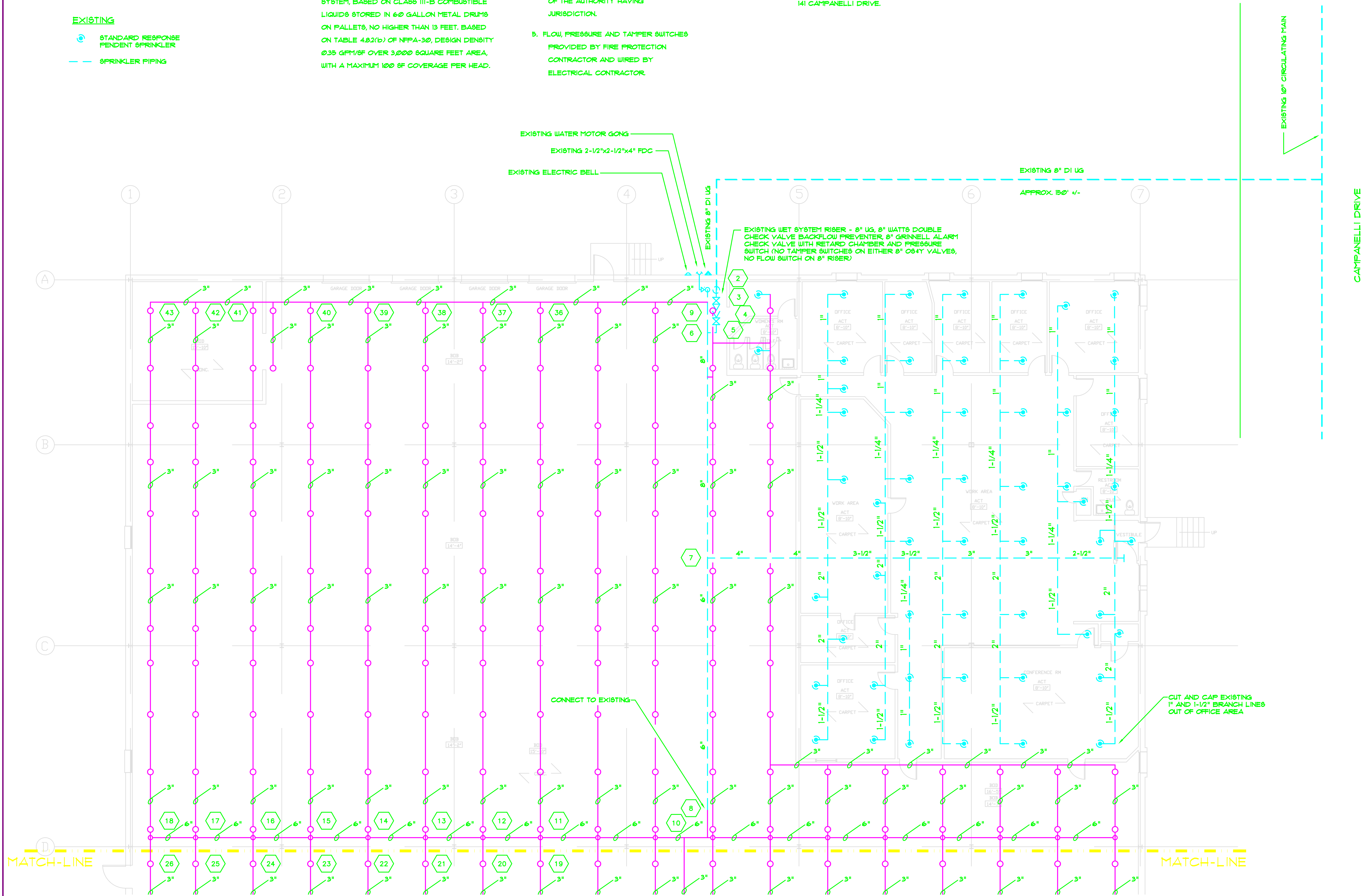
NOTES

1. INSTALLATION TO BE IN ACCORDANCE WITH NFPA-13, 2002 ED., NFPA-30, 2000 ED., AND MASSACHUSETTS STATE BUILDING CODE, AND LOCAL STANDARDS AND ORDINANCES.
2. SYSTEM TO BE A HYDRAULICALLY DESIGNED SYSTEM, BASED ON CLASS III-B COMBUSTIBLE LIQUIDS STORED IN 60 GALLON METAL DRUMS ON PALLETS, NO HIGHER THAN 13 FEET. BASED ON TABLE 4.02(b) OF NFPA-30, DESIGN DENSITY 0.35 GPM/GF OVER 3,000 SQUARE FEET AREA, WITH A MAXIMUM 100 SF COVERAGE PER HEAD.
3. ALL HANGERS TO BE IN ACCORDANCE WITH NFPA-13, 2002 EDITION AND MASSACHUSETTS STATE BUILDING CODE SEISMIC REQUIREMENTS.
4. MEET OTHER REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
5. FLOW, PRESSURE AND TAMPER SWITCHES PROVIDED BY FIRE PROTECTION CONTRACTOR AND WIRED BY ELECTRICAL CONTRACTOR.

FLOW TEST DATA

STATIC PRESSURE 59 psi
 RESIDUAL PRESSURE 52 psi
 FLOW 1030 gpm

TEST CONDUCTED WITH BRAINTREE WATER DEPARTMENT ON 4/16/08 AT 10:15 P.M. THROUGH A 2-1/2" BUTT CONNECTION ON HYDRANTS LOCATED ON CAMPANELLI DRIVE ACROSS FROM 141 CAMPANELLI DRIVE.



FERNANDEZ & ASSOCIATES
 FIRE PROTECTION ENGINEERS

63 Larkin Road
 Byfield, Massachusetts 01922
 Telephone 978-499-0172
 Fax 978-465-2371
 Email: fff@fernandezassoc.com

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NO.	REVISIONS	DATE

JOB NO.	382
DRAWN BY	LFF
DESIGNED BY	LFF
SCALE	1/8" = 1' - 0"
DATE	04/26/08

PROJECT
 Combustible Liquids Warehouse
 Braintree, MA

TITLE
 Fire Protection Layout

DRAWING NO.
 FP-1