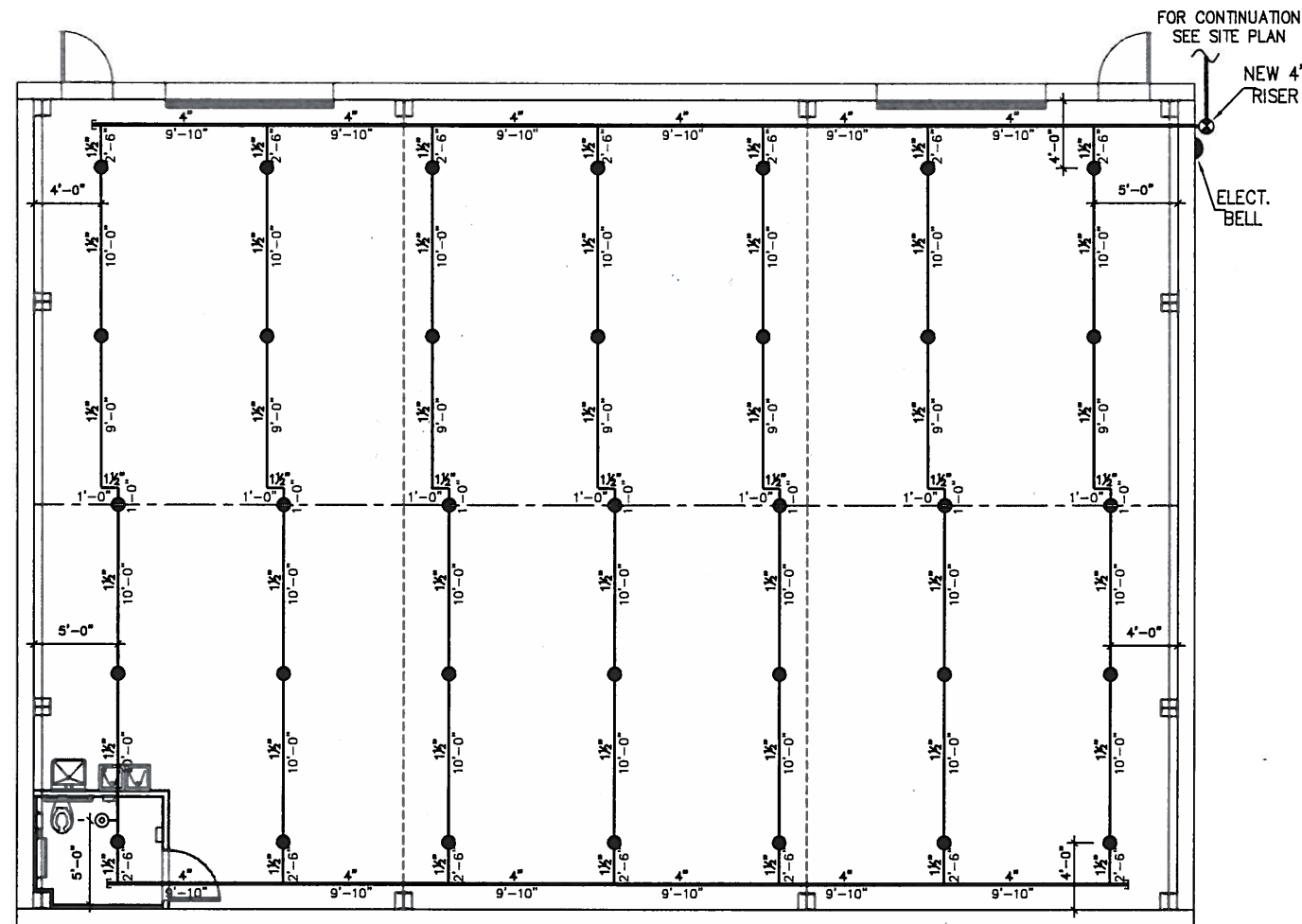
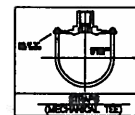




WAREHOUSE FIRE SPRINKLER PLAN
SCALE 1/4"=1'-0" NORTH

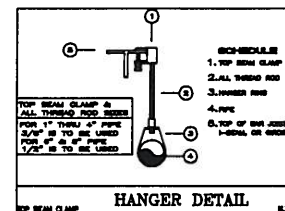
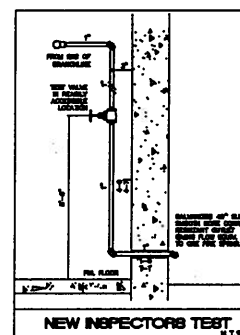
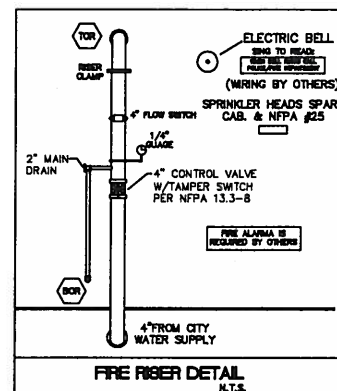
- New Sprinkler Heads
3/4" 286°F 8.0 K Upright Sprinkler Heads
TYCO MODEL "TY-B" SPRINKLER HEADS OR EQUAL SYN# TY4151
- New Sprinkler Heads
1/2" 155°F 5.6 K Pendent Sprinkler Heads
TYCO MODEL "TY-FRB" SPRINKLER HEADS OR EQUAL SYN# TY3231



MAXIMUM DISTANCE BETWEEN HANGERS (FT-IN)										
NOMINAL SIZE (IN)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
CPVC	5-8	6	6-6	7-0	8-0	9-0	10-0	N/A	N/A	N/A
STEEL SCH.40	N/A	12-0	12-0	12-0	15-0	15-0	15-0	15-0	15-0	15-0

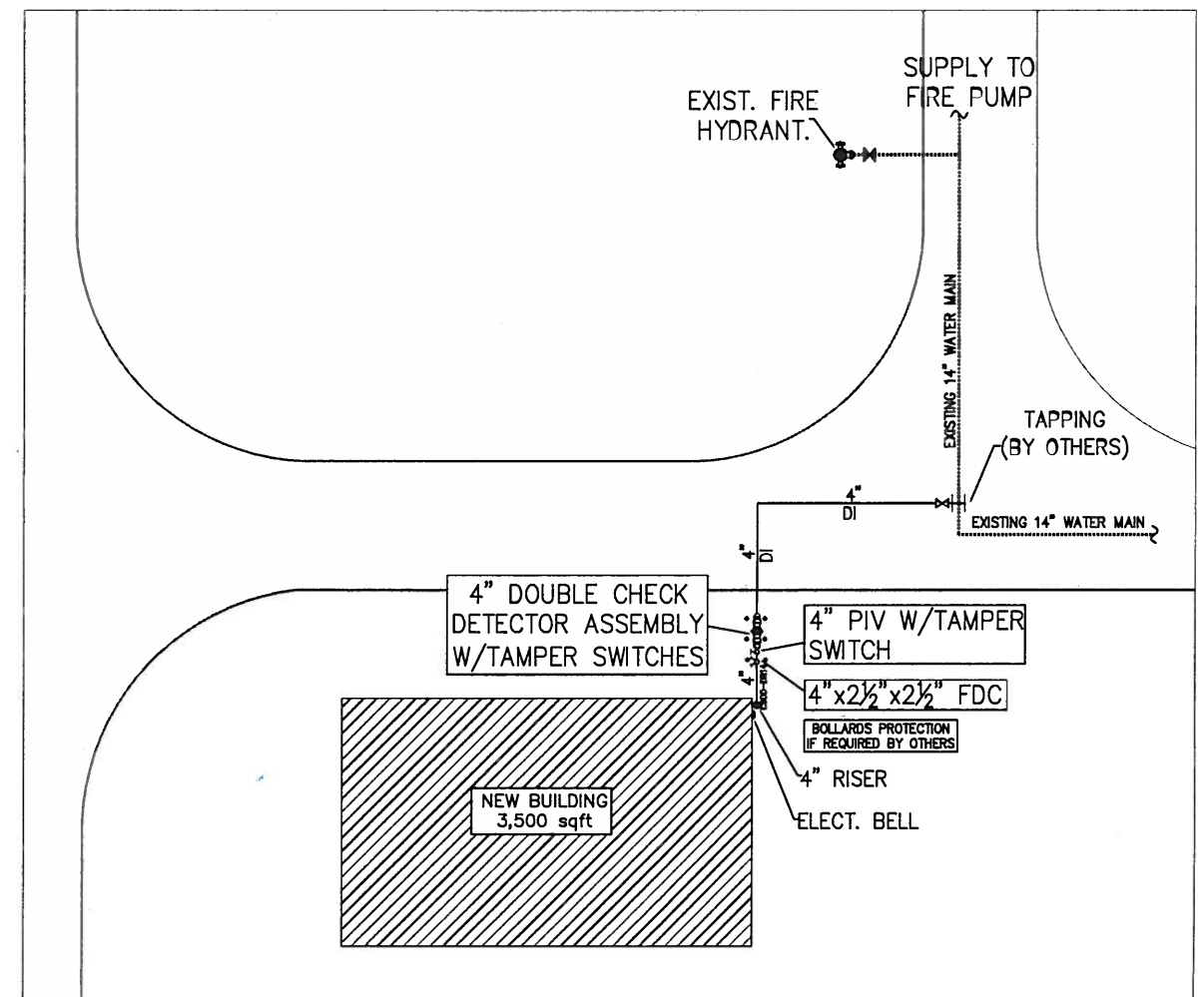
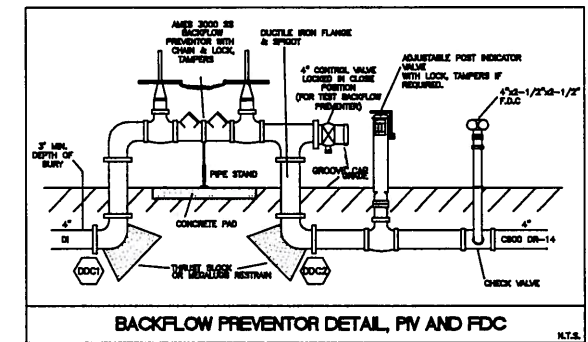
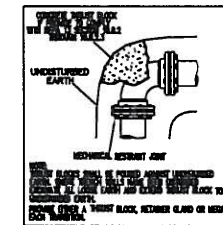
NOTES

- DENOTES EXISTING PIPING.
- - - DENOTES NEW PIPING.
- DENOTES NEW SPRINKLER HEADS.
- DENOTES HYDRAULIC CALCULATION REFERENCE POINTS.
- USE HANGERS ON ARM-OVERS EXCEEDING 24".
- ALL NEW PIPING TO BE ALLIED XL FOR 1" AND BLACK SCH-10 FOR 2" - 4". UNDERGROUND TO BE C-900 DR14.
- DESIGN CRITERIA PER NFPA-13 (2002 EDITION); FOR WAREHOUSE ORDINARY HAZARD GR. II .20GPM / 1500SQFT.
- MAINTAIN 150' MAX. FROM F.D.C TO NEAREST FIRE HYDRANT.
- SCOPE OF WORK: INSTALL NEW FIRE SPRINKLER SYSTEM IN NEW WAREHOUSE BLDG.
- ALL FIRE CAULKING & FIRE PENETRATIONS TO BE DONE BY OTHERS.
- ALL COORDRILLING BY OTHERS.
- PIPE SIZES ARE PRELIMINARY.



EXISTING PUMP DATA	
MADE BY:	FAIRBANKS MORSE
MODEL:	81824BF
TYPE:	HORIZONTAL, SPLIT CASE
RATED CAPACITY:	2,500 gpm
RATED HEAD:	110 psi
SHUTOFF HEAD:	135 psi
HORSEPOWER:	250/1.15

SYSTEM NOTE:
SYSTEM TO BE HYDRAULICALLY CALCULATED BASED ON FLOW TEST AND FIRE PUMP CAPACITY.



UNDERGROUND FIRE SPRINKLER PLAN NORTH
N.T.S.

PRELIMINARY
FOR BUILDING PERMIT PURPOSE ONLY

Permit #:
Folio #:

Cardel Fire Protection, Inc.
Fire Protection Contractors
1430 N.W. 108th Ave. Miami, FL 33172
Tel (305) 418-4880, Fax (305) 418-4888

FPL TURKEY POINT
9700 SW 344TH STREET
HOMESTEAD, FLORIDA
FIRE PROTECTION SHOP DRAWINGS

02/05/14 AS NOTED Design by: J.C. Drawn by: E.M.P. 14-3452 FP-1/1