

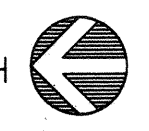
**UPPER FLOOR PLAN**

- NOTES:**
- The installation on the new fire sprinkler system shall be installed and tested in accordance with IFPA-13, the requirements of Watsonville, and the recommendations of the equipment manufacturer.
  - All pipe length and location dimensions shown are to be verified in the field. All run-out piping shall be 1" in diameter and provided with a hanger. All equipment shall be U.L. listed.
  - System Design Data:
    - Occupancy - Mercantile
    - Construction - Non-combustible
    - Hazard - Ordinary Hazard Group II
    - Type of Pipe - Black Steel, Q-120, 3" & larger shall be Schedule 10 2" & smaller shall be XL
  - Application Data - 0.19 gpm/sq.ft.
    - Area of Application - 2500 sq.ft.
    - Flow Stream - 250 GPM
    - Sprinkler - 1/2" orifice, (R-5.6)
    - Rating - single.
    - Number of sprinklers calculated - 24.
    - Area per outlet - 104 sq.ft.
  - Flow Test Data:
    - Minimum outlet flow requirement for 1 sprinkler - 20 GPM
    - Static pressure - 80 PSI.
    - Residual Pressure - 35 PSI @ 1050 GPM.
    - Per - WFO - Dave Williams
  - Number of new sprinklers: 760.

- LEGEND:**
- Upright Sprinklers
  - ⊙ Upright Sprinkler with 1" outlet for Future Improvements.
  - Exposure Sprinkler Location
  - △ Sidewall Sprinklers
  - ⊕ Main Riser Location
  - ⊗ Floor to Floor Sprinkler Standpipe Locations
  - ⊕ Hanger Locations
  - ⊕ Sway Bracing Locations
  - ⑦ Hydraulic Node and Pipe Designations

NOTE: FOR PIPING SUPPORT & BRACING, SEE (M)1 & (M)2

REFERENCE NORTH



**SHELL CONSTRUCTION SET**

REVISION	DATE
1	1-2-91
2	2-14-91
3	3-18-91

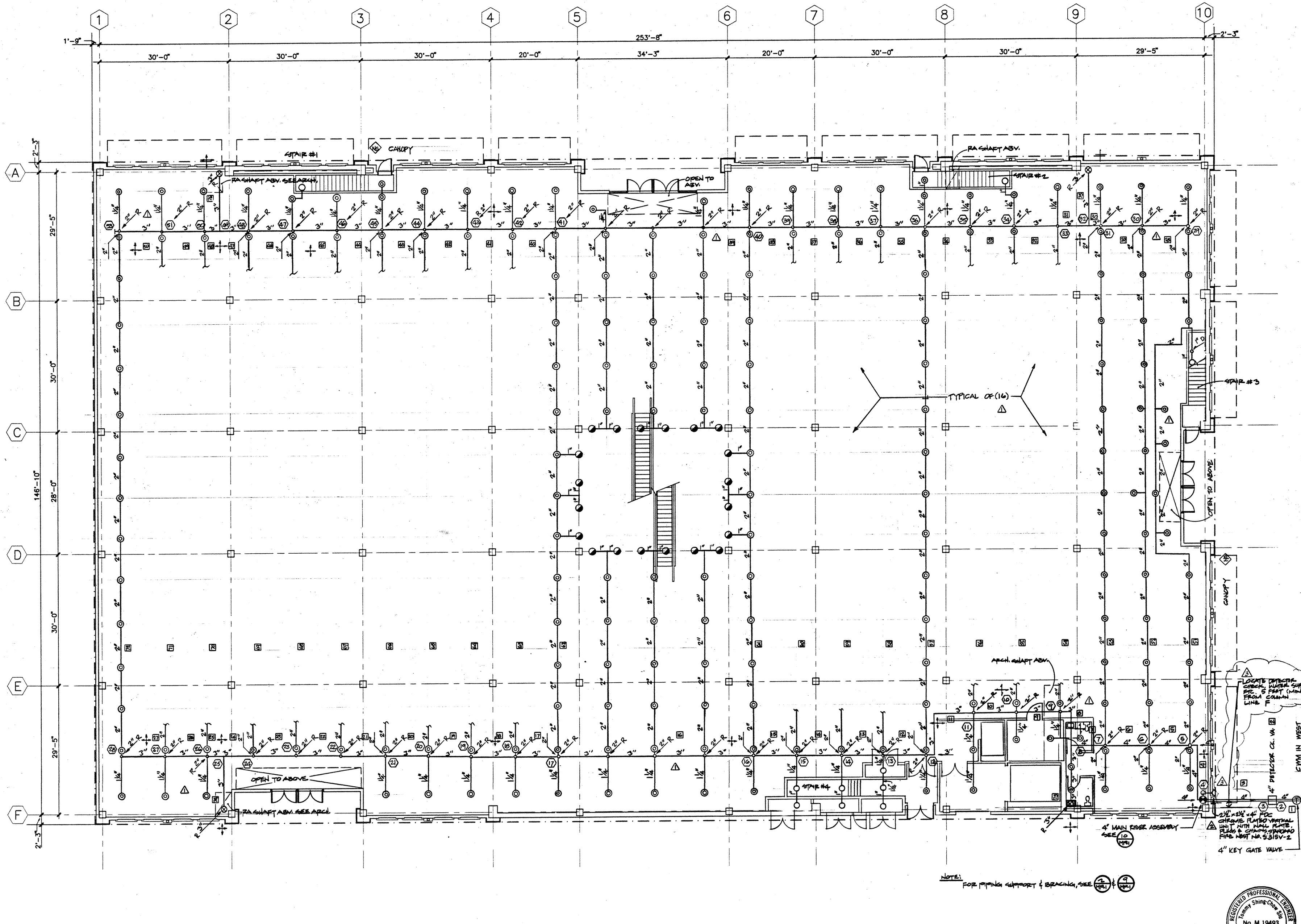
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**Ford's**  
 WATSONVILLE

FIRE PROTECTION  
**GROUND FLOOR PLAN**

Date: 2-4-91  
 Scale: 1/8"=1'-0"  
 Drawn:  
 Job:  
 Sheet of 2  
**1-2**



**GROUND FLOOR PLAN** ①

REFERENCE NORTH



SHELL CONSTRUCTION SET



PROJ:  
 JOB:  
 DSK:  
 FILE:  
 DATE: