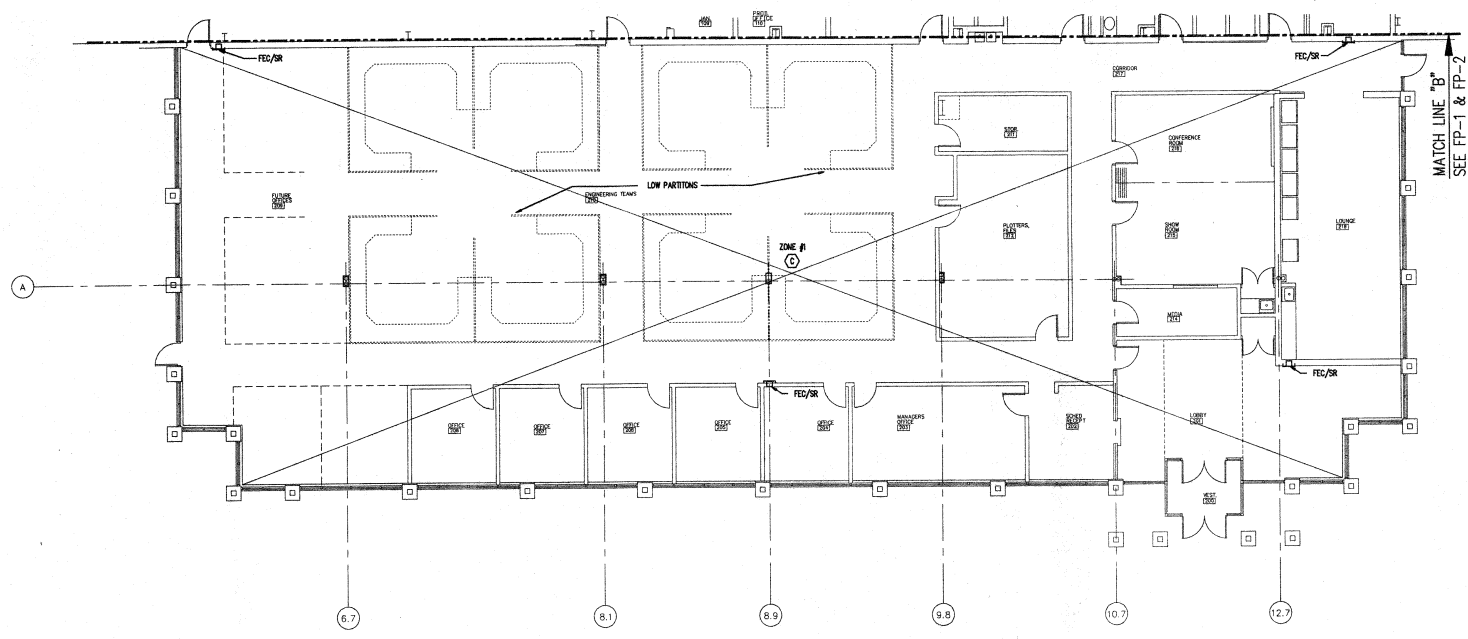


SPRINKLER RISER SECTION A  
SCALE: NONE  
FP-1



OFFICE FLOOR PLAN  
FIRE PROTECTION SCALE: 1/8"=1'-0"  
MATCH LINE

- FIRE PROTECTION NOTES
- THE FIRE SUPPRESSION SYSTEM FOR THESE AREAS SHALL BE HYDRAULICALLY DESIGNED TO PROVIDE A DENSITY OF 20 GPM PER SQUARE FOOT OVER THE MOST REMOTE 3000 SQUARE FEET AND SHALL INCLUDE AN ADDITIONAL 500 GPM FOR COMBINED INTERIOR/EXTERIOR FIRE HOSE DEMAND. THE FLOW FOR THE EXTERIOR FIRE HOSE DEMAND SHALL BE ADDED AT THE BASE OF RISER (TYPICAL OF BOTH SYSTEMS). THE SPRINKLERS SHALL BE STANDARD 185 BRASS UPRIGHT/PENDENT TYPE. CONTRACTOR TO VERIFY HEAT SOURCES AND PROVIDE INTERMEDIATE OR HIGH TEMPERATURE HEADS.
  - THE FIRE SUPPRESSION SYSTEM FOR THESE AREAS WHICH ARE LOCATED BELOW THE MEZZANINE SHALL BE HYDRAULICALLY DESIGNED TO PROVIDE A DENSITY OF 20 GPM PER SQUARE FOOT OVER THE LARGEST ROOM AND SHALL INCLUDE AN ADDITIONAL 500 GPM FOR COMBINED INTERIOR/EXTERIOR FIRE HOSE DEMAND. THE SPRINKLERS SHALL BE STANDARD 185 BRASS UPRIGHT/PENDENT TYPE. CONTRACTOR TO VERIFY HEAT SOURCES AND PROVIDE INTERMEDIATE OR HIGH TEMPERATURE HEADS.
  - THE FIRE SUPPRESSION SYSTEM FOR THESE AREAS SHALL BE HYDRAULICALLY DESIGNED TO PROVIDE A DENSITY OF 18 GPM PER SQUARE FOOT OVER THE MOST REMOTE 3000 SQUARE FEET AND SHALL INCLUDE AN ADDITIONAL 500 GPM FOR COMBINED INTERIOR/EXTERIOR FIRE HOSE DEMAND. THE SPRINKLER HEADS SHALL BE 1/2" CHROME PENDENT WITH SEMI-RECESSED ADJUSTABLE CHROME PLATES.
  - THE FIRE SUPPRESSION SYSTEM AT THE ROOF LEVEL SHALL BE DIVIDED INTO TWO (2) ZONES AS DESIGNATED ZONE #1 AND ZONE #2. THIS WILL ACCOMMODATE THE PROPOSED 8' X 20' AND/OR THE 20' X 20' FUTURE ADDITIONS TO THE SOUTH SIDE OF THE BUILDING.
  - THE UNDERGROUND FIRE LINE SHALL BE INSTALLED BY A CONTRACTOR CERTIFIED BY THE STATE OF OHIO TO INSTALL "WATER SUPPLY EQUIPMENT". IT WILL BE THAT CONTRACTOR'S RESPONSIBILITY TO PROVIDE "CONTRACTOR'S MATERIAL AND TEST CERTIFICATE" STATING THAT THE SYSTEM HAS BEEN PROPERLY INSTALLED, FLUSHED AND HYDROSTATICALLY TESTED IN ACCORDANCE WITH NFPA STANDARDS #13 AND #24. HE SHALL PROVIDE A 6" X 13 1/2" PLANGED OUTLET AT A MINIMUM OF 12" ABOVE FINISHED FLOOR, IN A PLUMB AND LEVEL POSITION, PROPERLY TWO-WELDED WITH THE OUTSIDE WALL.
  - ALTERNATE FP-1: PROVIDE A SINGLE INTERLOCKING TYPE PROTECTION SYSTEM FOR COMPUTER ROOM #111. THE FIRE PROTECTION CONTRACTOR WILL PROVIDE ALL COMPONENT PARTS OF THIS SYSTEM, HOWEVER, ALL WIRING SHALL BE PERFORMED BY THE ELECTRICAL CONTRACTOR. THE PROTECTION EQUIPMENT SHALL BE LOCATED OUTSIDE OF THE COMPUTER ROOM ON THE FACE OF THE SOUTH WALL.
  - WATER FLOW DATA FOR BIDDING PURPOSES. THE FIRE PROTECTION CONTRACTOR PRIOR TO PREPARATION OF HIS BIDDINGS SHALL HAVE A NEW WATER FLOW TEST PERFORMED UTILIZING TWO (2) HYDRANTS IN FRONT OF THIS PROPERTY. STATIC 50 PSI, RESIDUAL 44 PSI WITH 1033 GPM FLOWING.

FIRE PROTECTION LEGEND

- DRY PENDENT SPRINKLER HEAD ● DP
- SPRINKLER RISER WITH CHECK VALVE ⊕
- OS&Y GATE VALVE, ELECTRICALLY SUPERVISED (ESV) ⊕
- CHECK VALVE ⊕
- RISER CHECK VALVE ⊕
- WATER FLOW DETECTOR/SWITCH (WFD) ⊕
- POST INDICATOR VALVE (PIV) UNDERGROUND TYPE ⊕
- POST INDICATOR VALVE (PIV) WALL TYPE ⊕
- BELL/ELECTRIC ALARM ⊕
- WALL HYDRANT - TWO HOSE OUTLET ⊕
- 2-WAY FIRE DEPARTMENT CONNECTION (WALL TYPE SAMESE) ⊕
- FIRE HOSE BANK (FHB) ⊕
- FIRE EXTINGUISHER CABINET, SEMI-RECESSED (FEC/SR) ⊕
- WALL HUNG FIRE EXTINGUISHER (WHFE) ⊕
- REPRESENTS HYDRAULIC DESIGN SCHEDULE ⊕

REV. BY	DATE	REV. BY	DATE	REV. BY	DATE	REV. BY	DATE	REV. BY	DATE	REV. BY	DATE

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**R**ightmyer  
**h**ohnson &  
**A**ssociates

SCALE: AS NOTED  
DATE: 3-8-95  
DRAWN BY: RWR  
FILE NAME: 95003FP3.DWG

ENG. JOB NO.  
CHECKED BY:  
DATE:  
APPROVED BY:  
DATE:

TITLE:  
NEW MANUFACTURING FACILITY FOR  
COOPER TIRE & RUBBER CO.  
TALL TIMBERS INDUSTRIAL PARK  
FINDLAY, OHIO

COOPER TIRE & RUBBER COMPANY

**D- 950284FP3**

