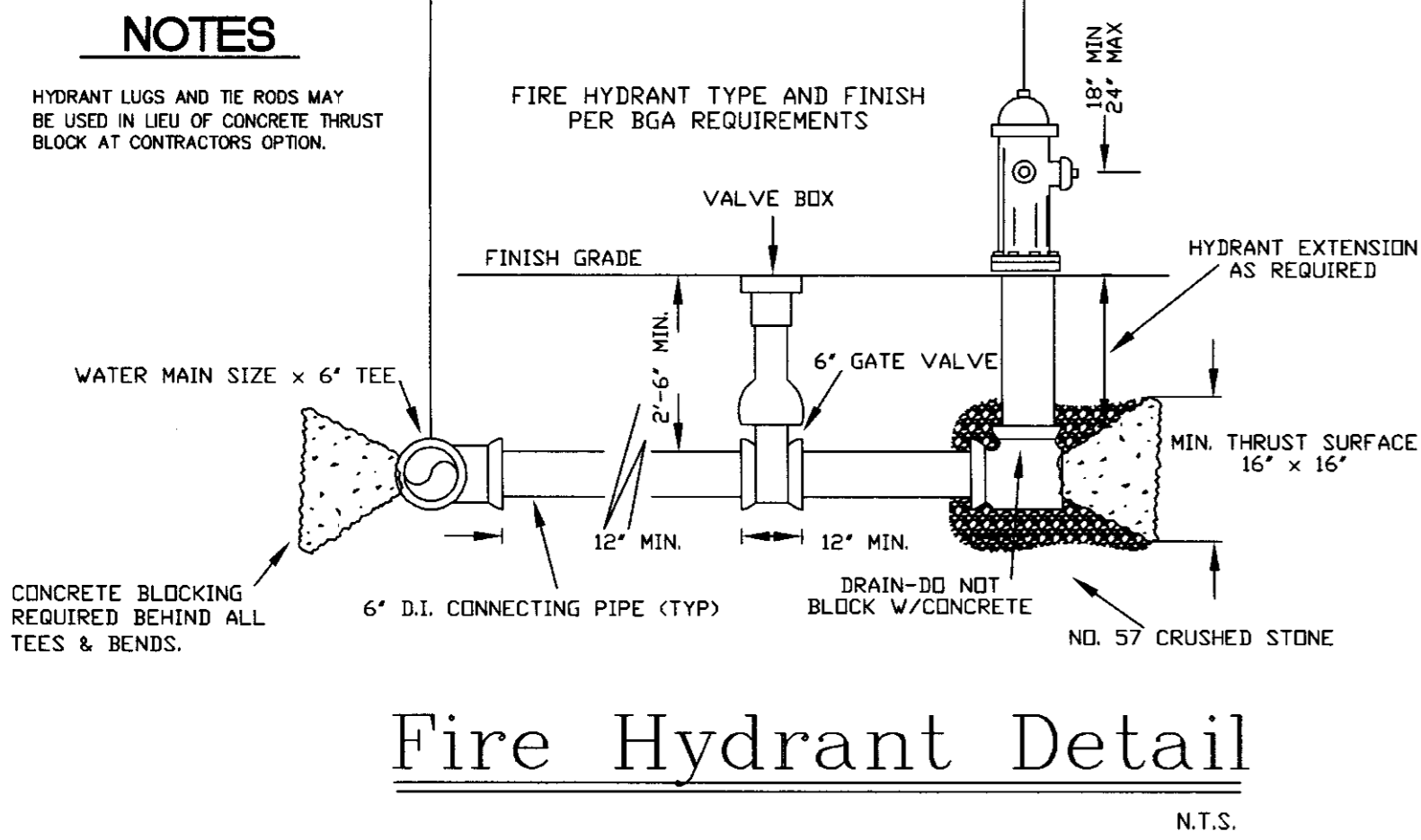
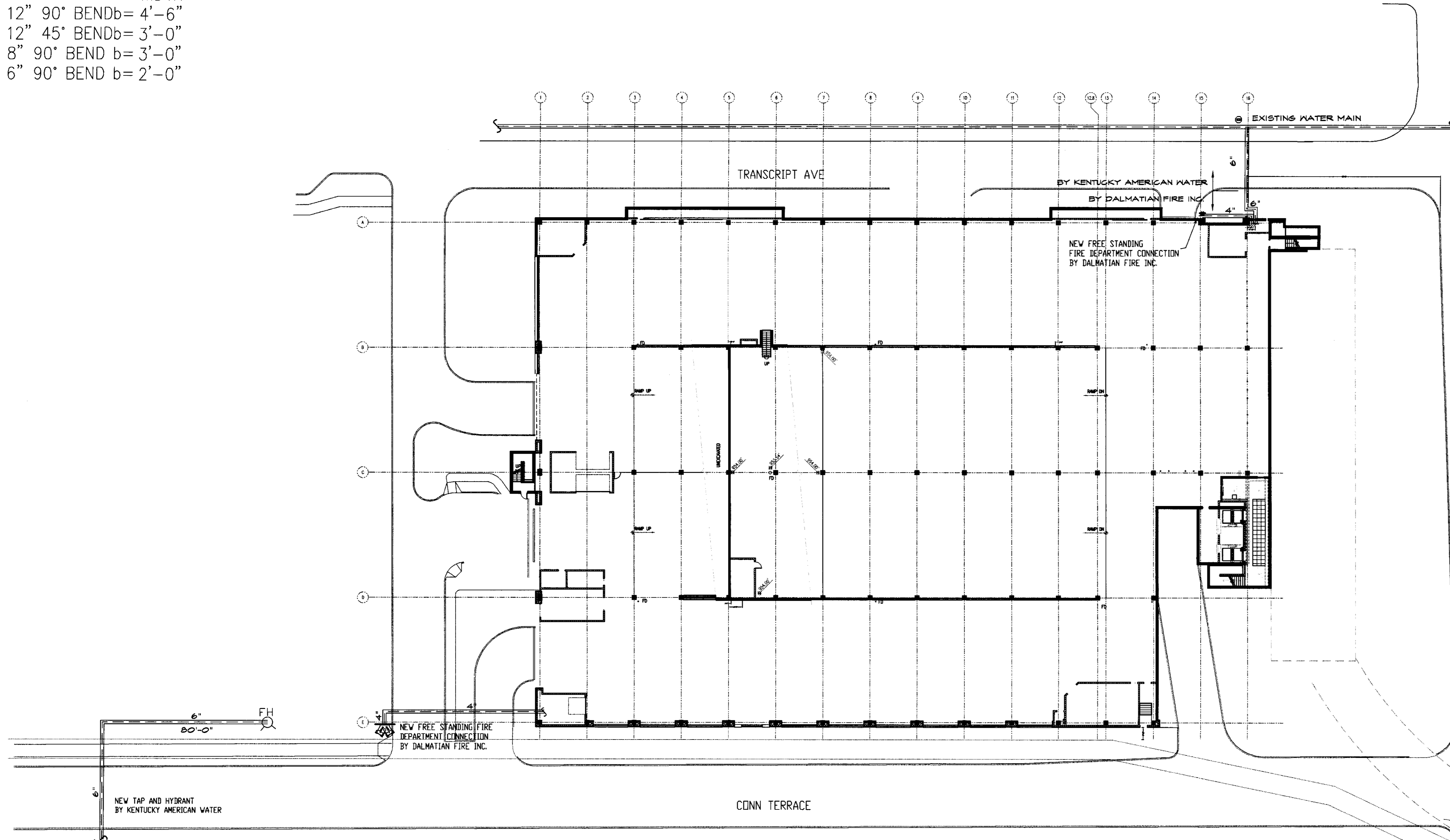
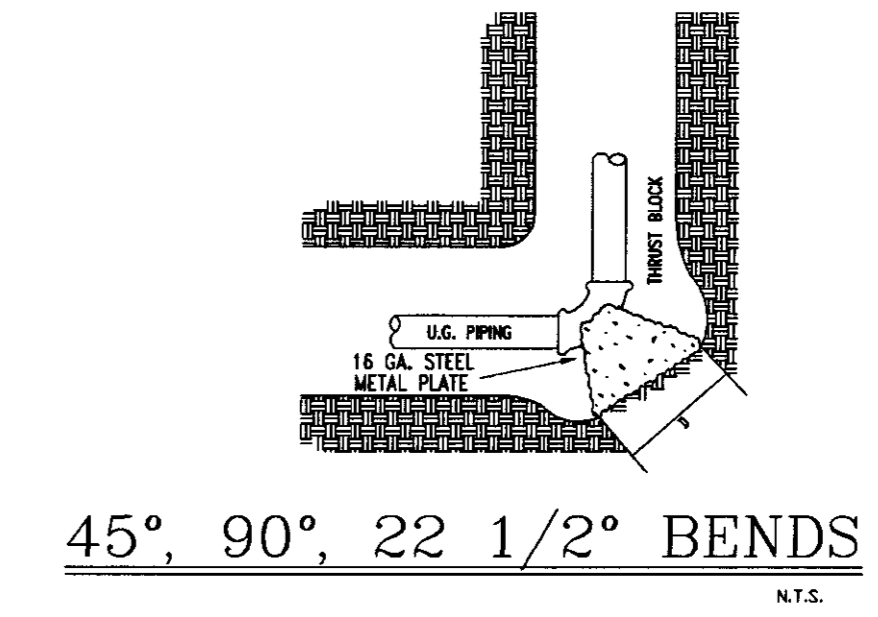
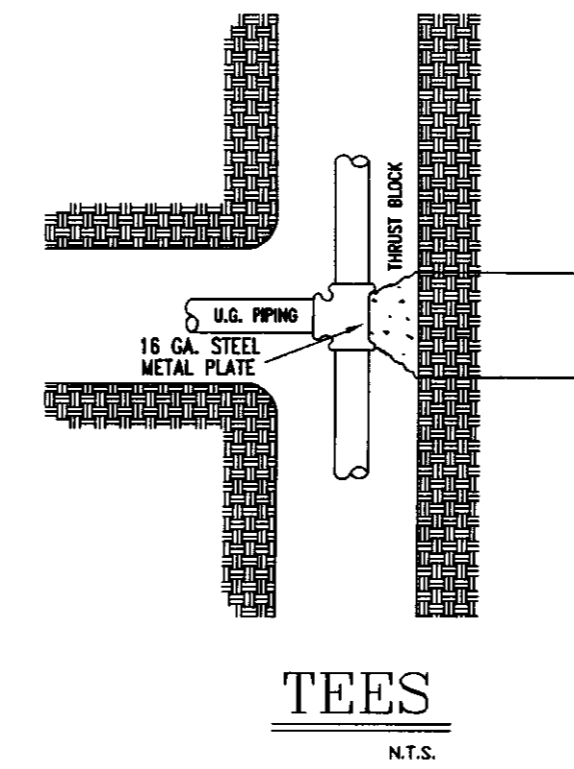
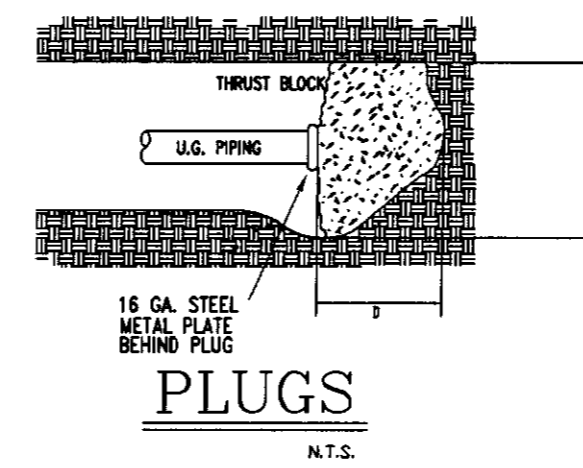
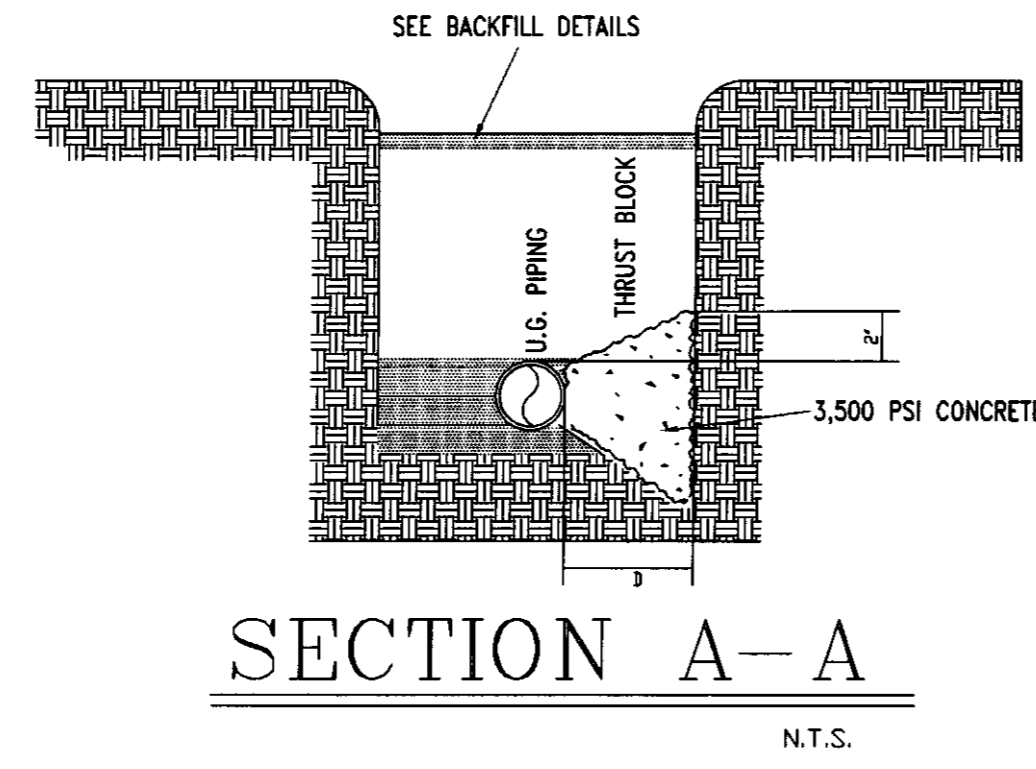


GENERAL NOTES

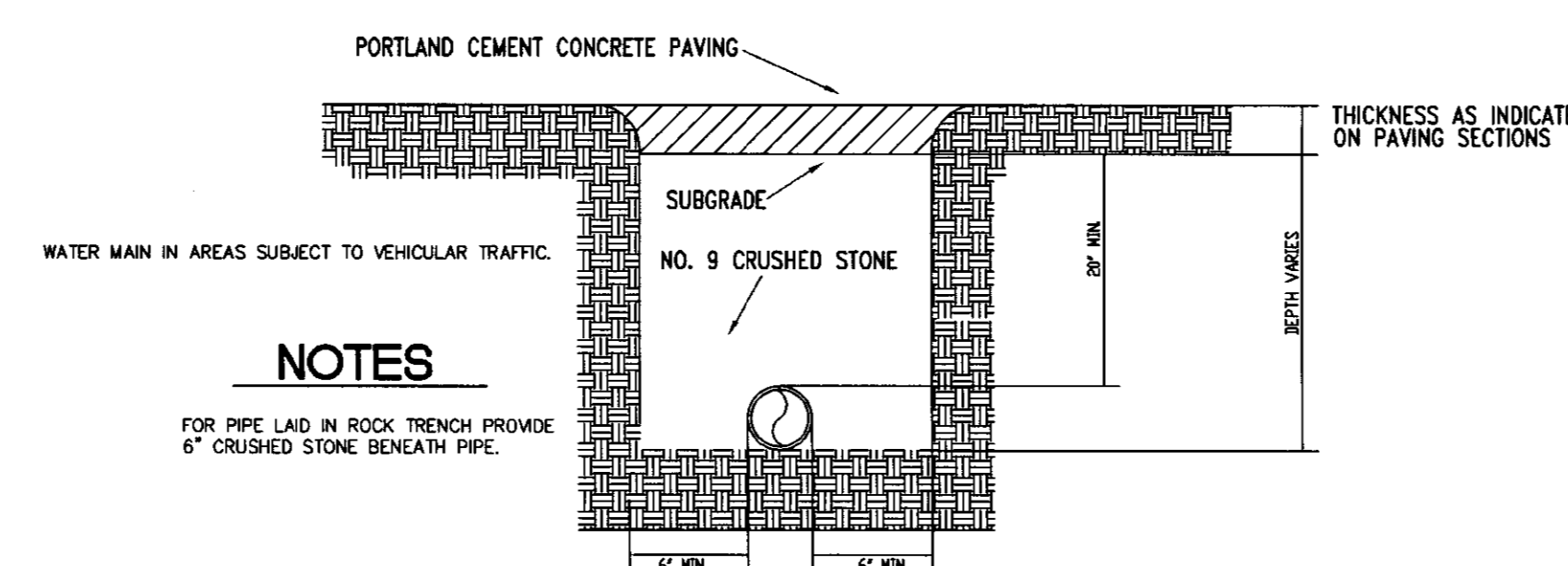
1. ALL DESIGN, MATERIAL, & INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA #13.
2. BURY ALL PIPE -42" MIN.
3. ALL PIPE TO BE DUCTILE IRON W/MECHANICAL JOINT FITTINGS.
4. FIRE DEPARTMENT CONNECTION LOCATED ON BUILDING PER FIRE DEPARTMENT.
5. SPRINKLER SYSTEM SUPERVISED BY CENTRAL MONITORING SYSTEM(BY OTHERS).
6. ALL WORK IS TO BE DONE IN ACCORDANCE WITH KENTUCKY AMERICAN WATER PIPELINE INSTALLATION SPECIFICATIONS AND THE APPLICATION FOR SPECIAL CONNECTION AGREEMENT AND IS SUBJECT TO INSPECTION AND APPROVAL OF KENTUCKY AMERICAN WATER PRIOR TO BACKFILLING.

Thrust Block Width Schedule

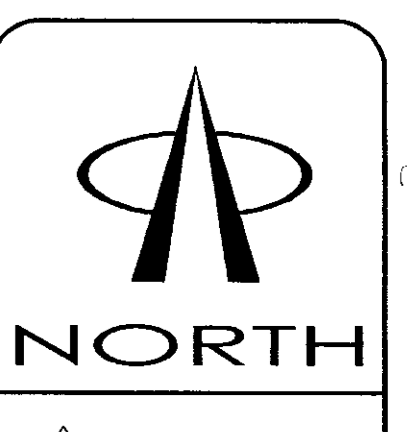
| FITTING | WIDTH |
|--------------|----------|
| 12" 90° BEND | b= 4'-6" |
| 12" 45° BEND | b= 3'-0" |
| 8" 90° BEND | b= 3'-0" |
| 6" 90° BEND | b= 2'-0" |



Fire Hydrant Detail



WATER MAIN INSTALLATION TRENCHING AND BACKFILLING DETAILS



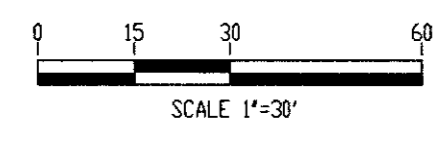
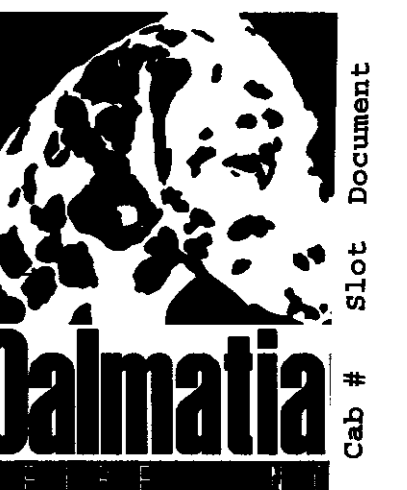
REVISIONS PER A/E LETTER DATED 9/22/06

| DESIGN DATA | |
|--------------------------------|--------------------------------|
| OCCUPANCY: | 50, FT. |
| DENSITY: | GPM / GPM |
| HOSE ALLOWANCE: | |
| DATE: | NOVEMBER 18, 2005 |
| FLOW TEST: | 56 PSI RESIDUAL |
| CONTRACT NO.: | 6106 |
| CONTRACT WTR: | 88 PSI STATIC 1700 GPM FLOWING |
| TOTAL SPRINKLERS THIS SHEET: 0 | |

| UNDERGROUND FIRE MAIN LAYOUT | |
|------------------------------|--------------------------|
| DATE: | 8/2/06 |
| DRAWN BY: | D. JACOBS II |
| CHECKED BY: | UK GARAGE |
| FILE NAME: | UK GARAGE |
| CONTRACT NO.: | 6106 |
| CONTRACT WTR: | GILBANE BUILDING COMPANY |

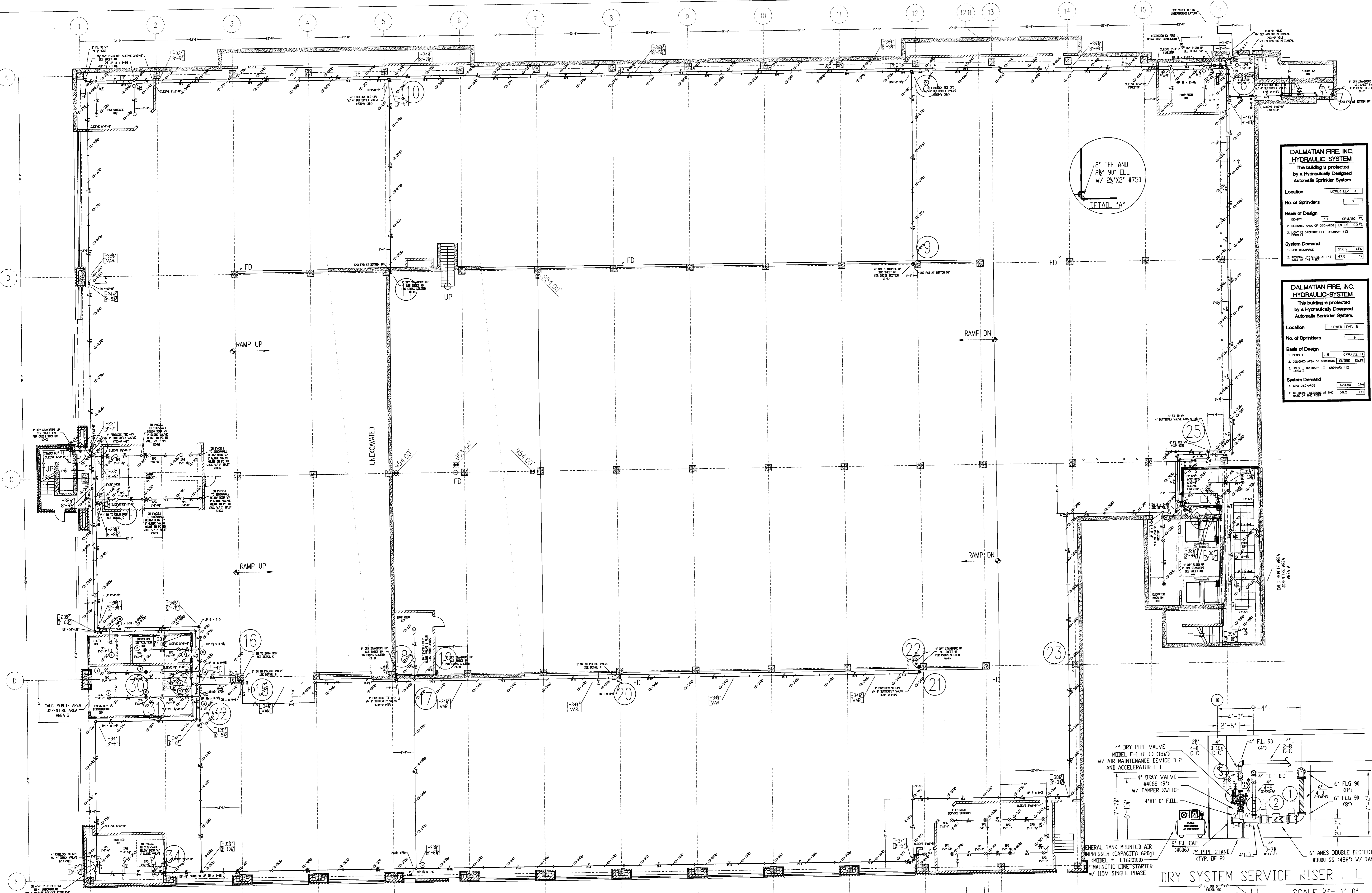
UK PATIENT CARE FACILITY GARAGE
 110 TRANSCRIPT AVENUE
 LEXINGTON, KENTUCKY 40508
DALMATIAN FIRE, INC.
 1651 WATKINSON TRAIL
 LOUISVILLE, KENTUCKY 40289
 (502) 267-5571 FAX (502) 267-5571

SHEET No. 1 of 11





NORTH



DALMATIAN FIRE, INC. HYDRAULIC-SYSTEM
This building is protected by a hydraulically designed Automatic Sprinkler System.

Location: LOWER LEVEL A

No. of Sprinklers: 7

Basics of Design:
1. OCCUPANCY: 15 GPM/50 FT
2. DESIGN AREA OF PROTECTION: ENTIRE 500 FT²

System Demand:
1. GPM DISCHARGE: 256.2 GPM
2. RESIDUAL PRESSURE AT THE END OF THE RISER: 47.8 PSI

DALMATIAN FIRE, INC. HYDRAULIC-SYSTEM
This building is protected by a hydraulically designed Automatic Sprinkler System.

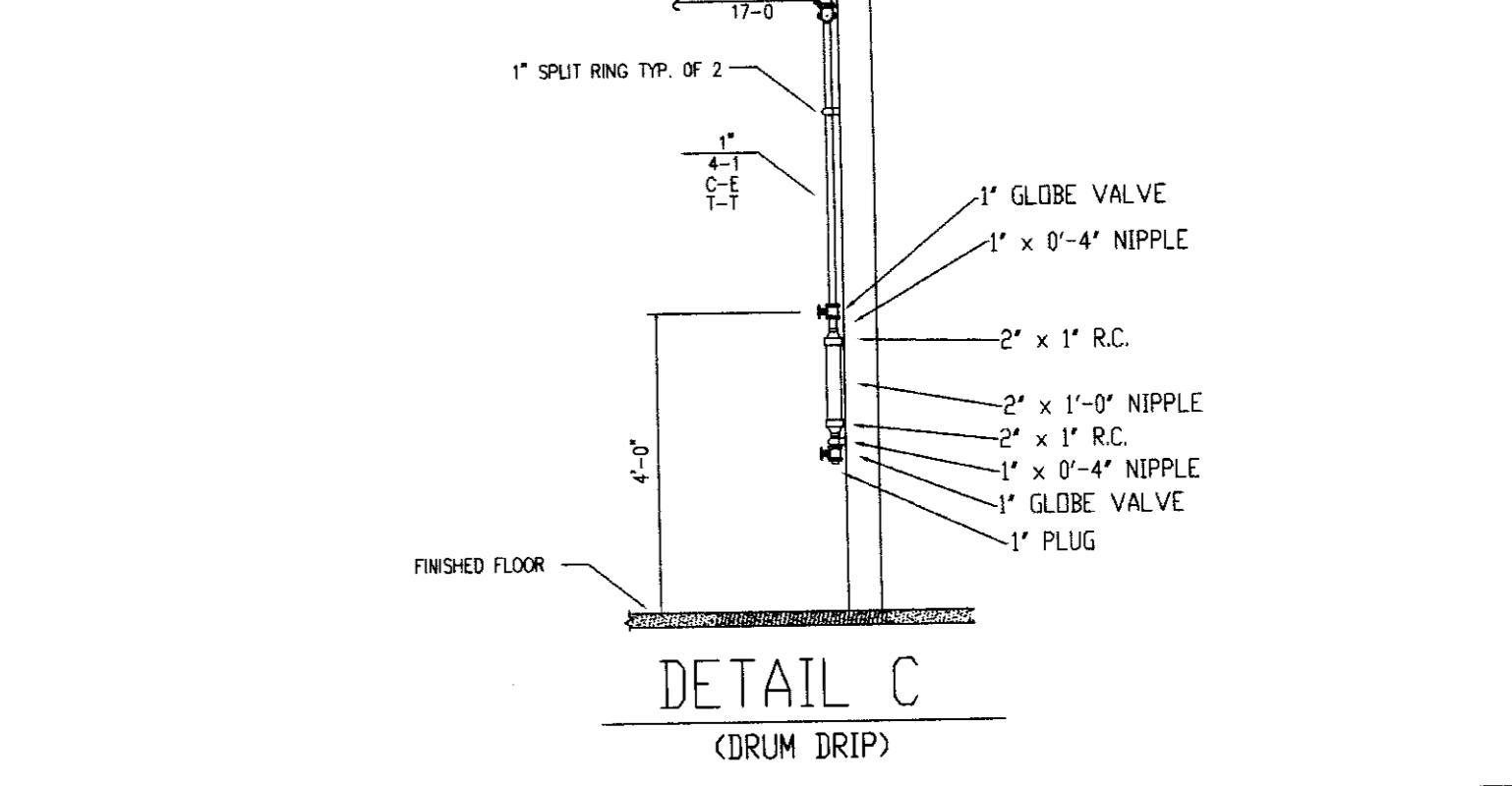
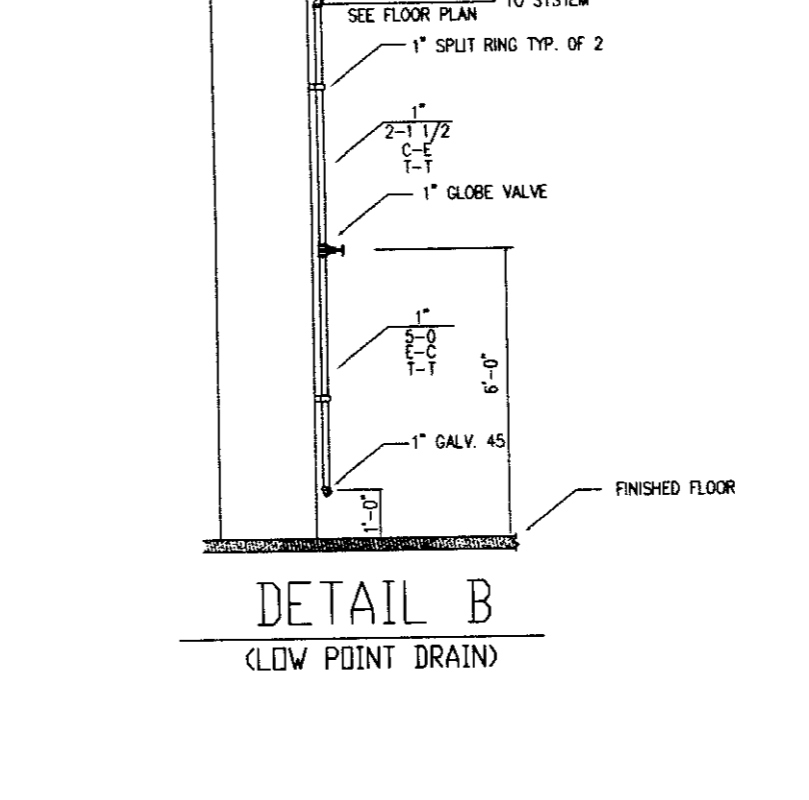
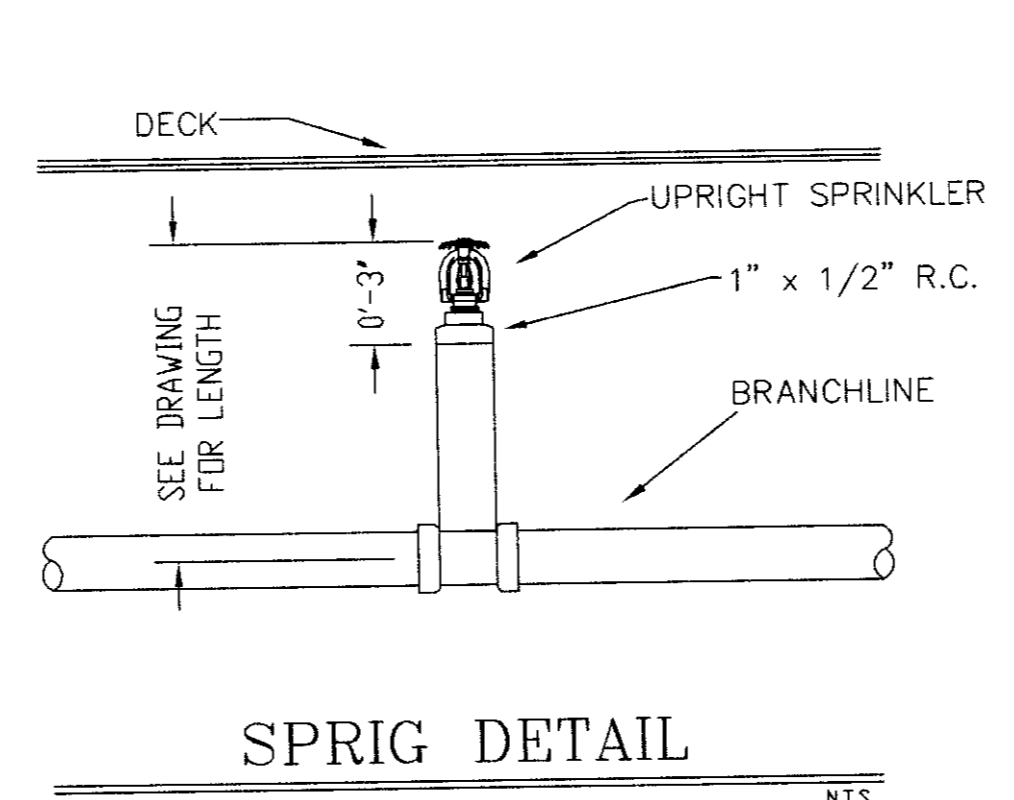
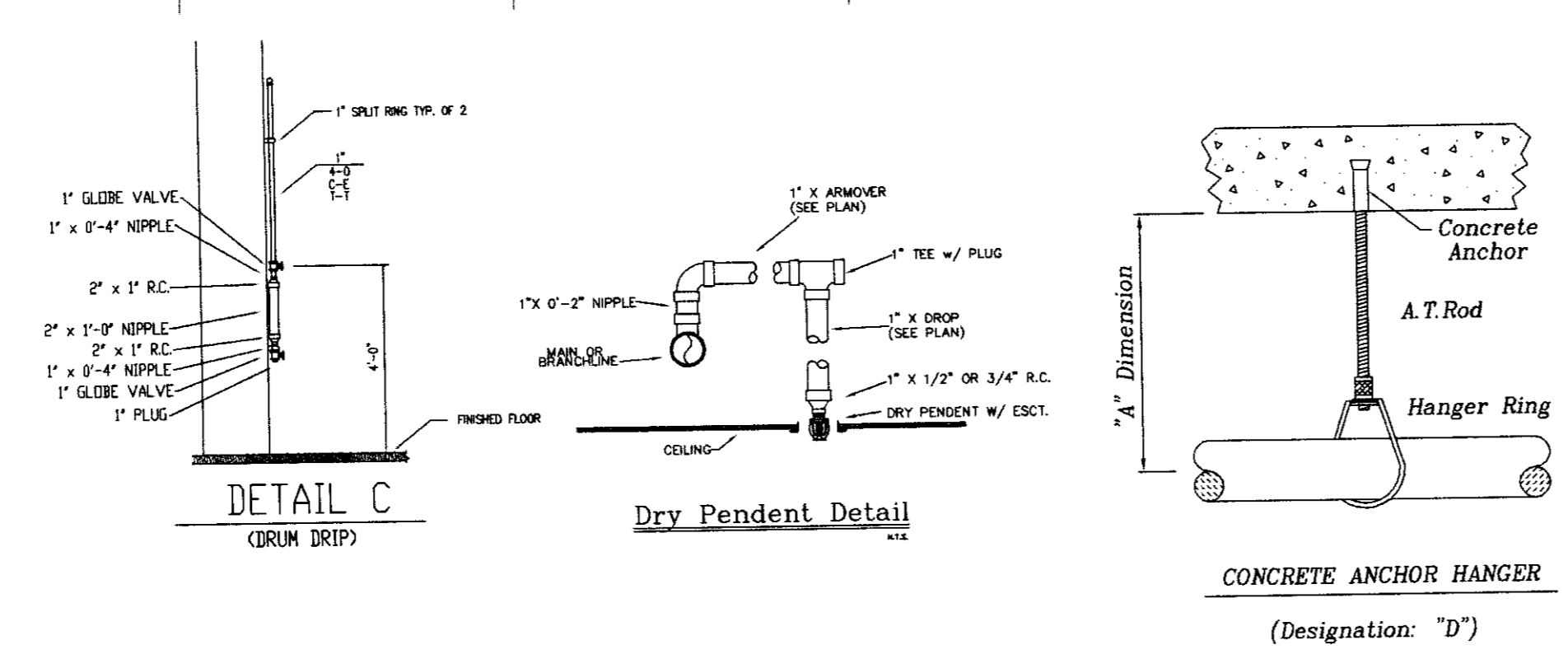
Location: LOWER LEVEL B

No. of Sprinklers: 9

Basics of Design:
1. OCCUPANCY: 15 GPM/50 FT
2. DESIGN AREA OF PROTECTION: ENTIRE 500 FT²

System Demand:
1. GPM DISCHARGE: 420.80 GPM
2. RESIDUAL PRESSURE AT THE END OF THE RISER: 58.2 PSI

- GENERAL NOTES
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIZE PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL ATR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE.
 - 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/4" TO BE GALVANIZED TREADED FITTINGS.
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2"-6" TO BE VICTORIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED ONLY.
 - 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPE.
 - 11) PITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1.



UK PATIENT CARE FACILITY GARAGE
110 TRANSCRIPT AVENUE
LEXINGTON, KENTUCKY 40508

DALMATIAN FIRE, INC.
10000 WILSON ROAD
LOUISVILLE, KENTUCKY 40299
(502) 267-5511

FILE: LOWER LEVEL FIRE SPRINKLER LAYOUT PLAN
DESIGNER: D. JACOBS II
DATE: 2.22.07
CHECKED BY: UK GARAGE
CONTRACT NO.: 6106
CONTRACT WITH: GILBANE BUILDING COMPANY

SPRINKLERS: WET MODEL M: 2077 x 155" WET EXCESSIVE DRY PENDANT MWR: 24
80/72 x 155" BRASS UPRIGHT MWR: 16
80/72 x 155" BRASS UPRIGHT MWR: 3

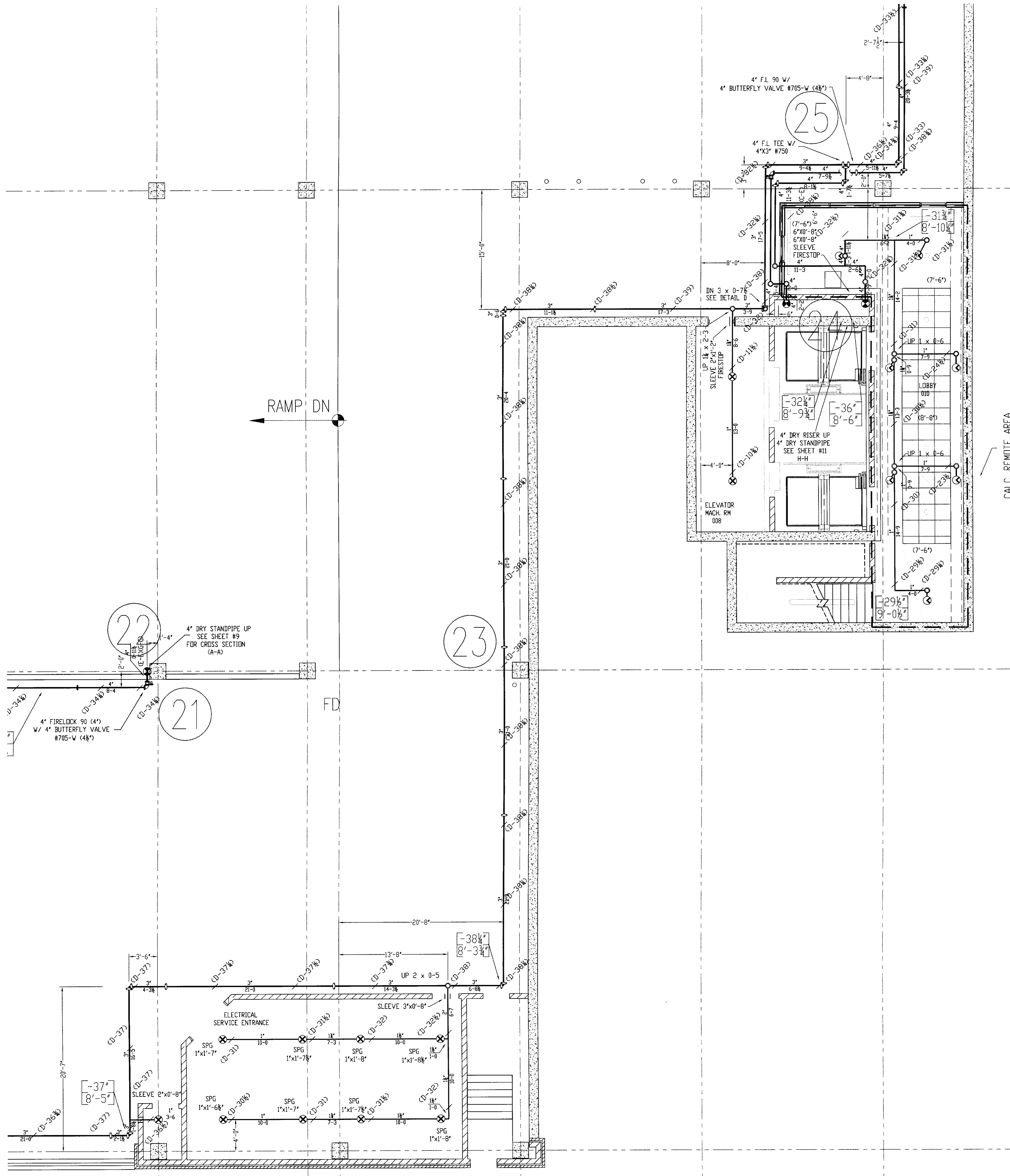
QTY DESIGN DATA: OCCUPANCY: ORDINARY HAZARD: 7
ENTIRE SQ. FT.: 250
HOSE ALLOWANCE: 250 GPM

DATE: NOVEMBER 18, 2005
FLOW TEST: 35 PSI RESIDUAL
1720 GPM FLOWING

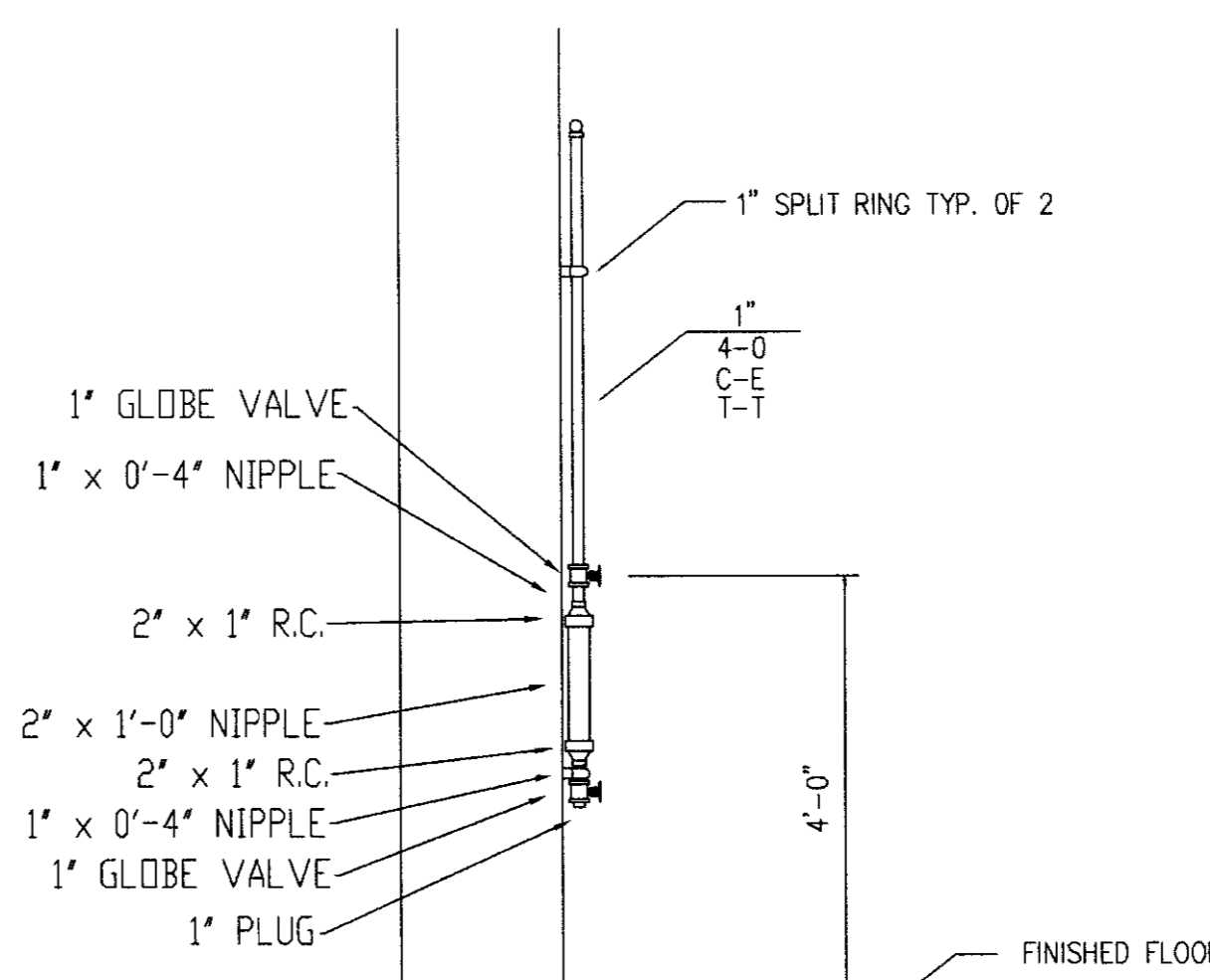
TOTAL SPRINKLERS THIS SHEET: 54

SHEET No. 2 OF 11

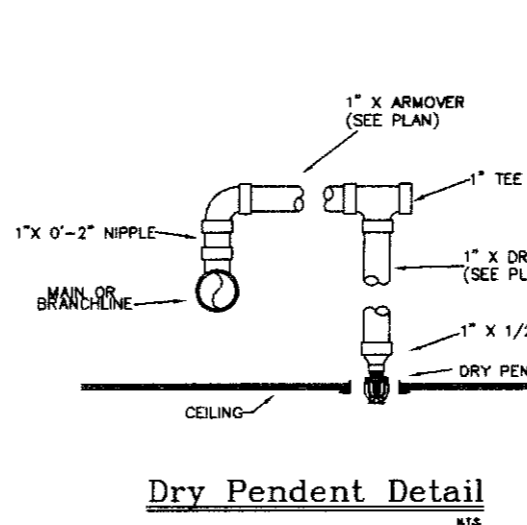
Doc # 8102 - 31587



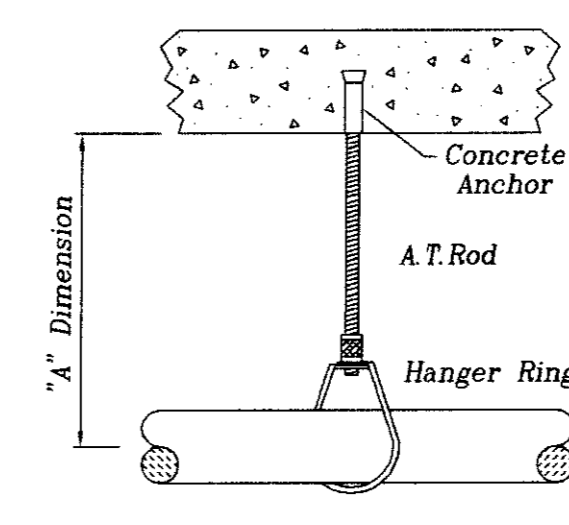
- GENERAL NOTES**
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIZE PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL ATR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE
 - 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/4" TO BE GALVANIZED THREADED FITTINGS
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2"- 6" TO BE VICTAULIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED. ONLY FIRE-RATED WALLS NEED TO BE FIRE STOP.
 - 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPE.
 - 11) PITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1



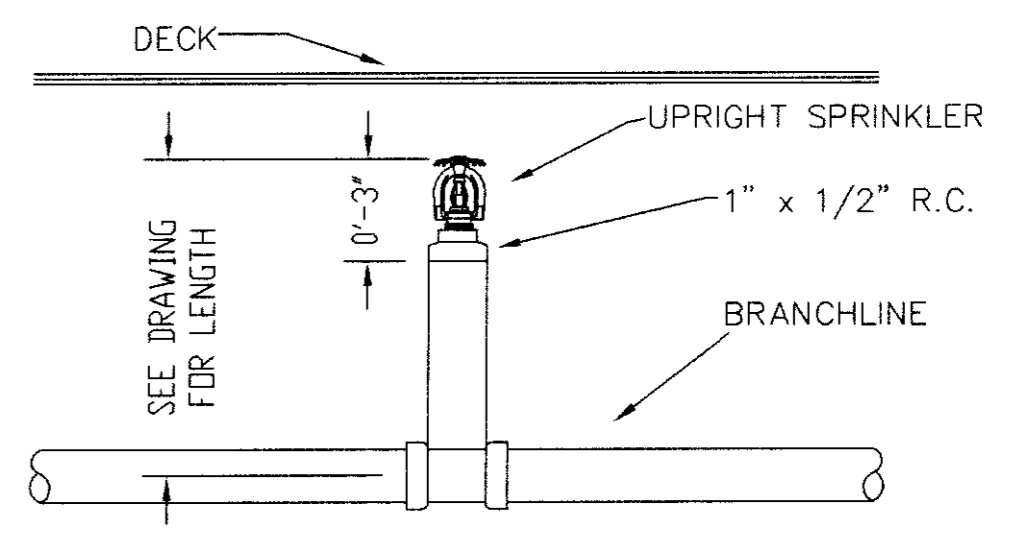
DETAIL C
(DRUM DRIP)



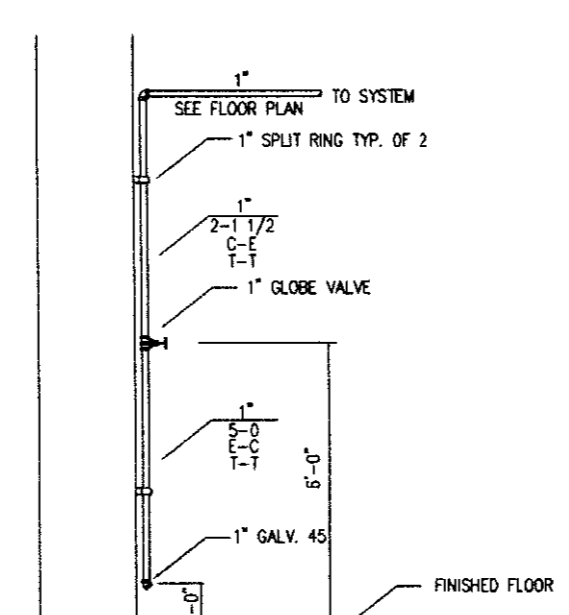
Dry Pendent Detail



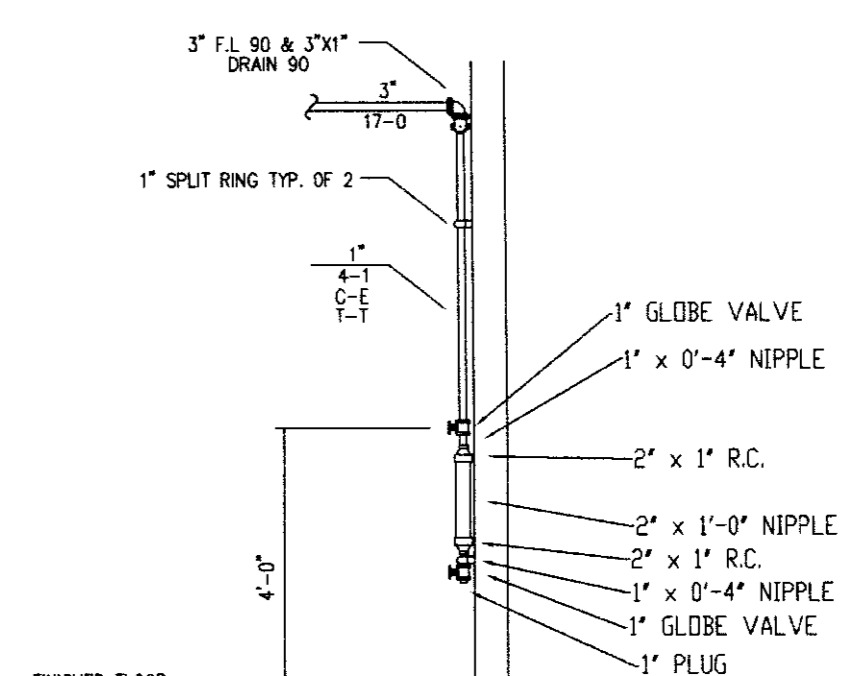
CONCRETE ANCHOR HANGER
(Designation: "D")



SPRIG DETAIL



DETAIL B
(LOW POINT DRAIN)



DETAIL C
(DRUM DRIP)

| DALMATIAN FIRE, INC. HYDRAULIC SYSTEM | |
|--|--|
| This building is protected by a hydraulically designed Automatic Sprinkler System. | |
| Location: | LOWER LEVEL A |
| No. of Sprinklers: | 7 |
| Base of Design: | 1. density: 0.15 GPM/50 FT. 2. protected area of occupancy: ENTIRE 500 FT. (SEE PLAN) |
| System Demand: | 1. pipe discharge: 256.2 GPM 2. design pressure at the end of the riser: 47.8 PSI |

| DALMATIAN FIRE, INC. HYDRAULIC SYSTEM | |
|--|--|
| This building is protected by a hydraulically designed Automatic Sprinkler System. | |
| Location: | LOWER LEVEL B |
| No. of Sprinklers: | 9 |
| Base of Design: | 1. density: 0.15 GPM/50 FT. 2. protected area of occupancy: ENTIRE 500 FT. (SEE PLAN) |
| System Demand: | 1. pipe discharge: 420.00 GPM 2. design pressure at the end of the riser: 58.2 PSI |

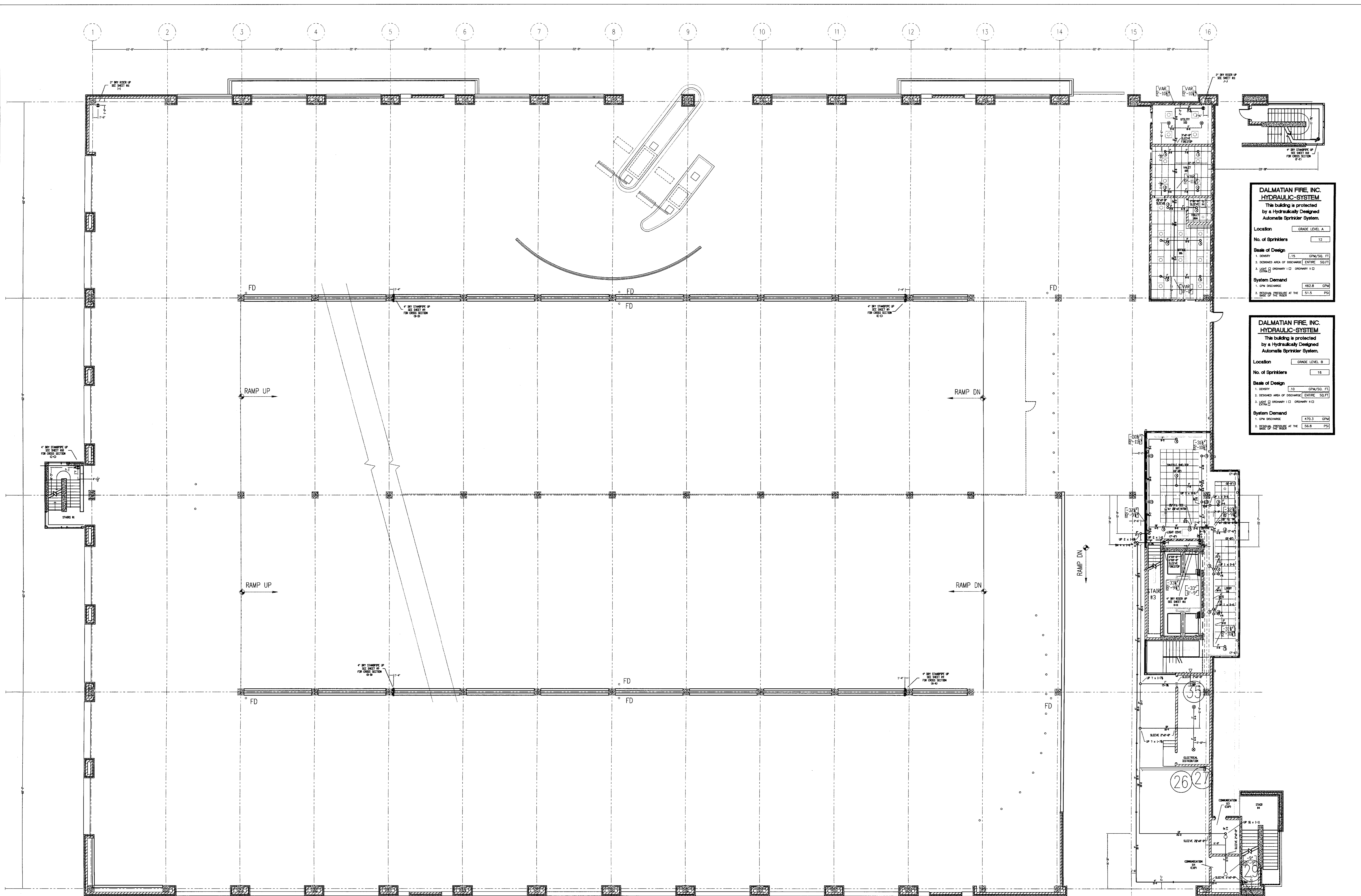
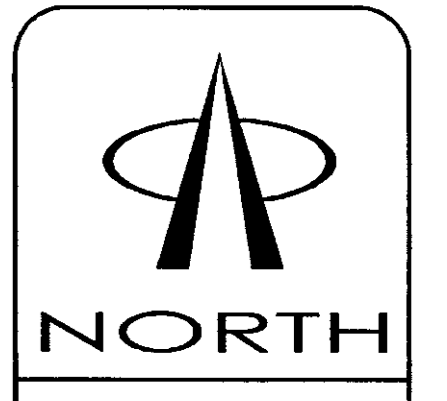


| UK PATIENT CARE FACILITY GARAGE | |
|---------------------------------|--|
| TITLE: | LOWER LEVEL FIRE SPRINKLER LAYOUT PLAN |
| SCALE: | 3/16" = 1'-0" |
| DATE: | 2.22.07 |
| DRAWN BY: | D. JACOBS II |
| CHECKED BY: | UK GARAGE |
| CONTRACT NO.: | 6106 |
| CONTRACT WITH: | GLIBANE BUILDING COMPANY |

| SPRINKLERS | |
|--|-----------------|
| WIRING MODEL: | QTY DESIGN DATA |
| 1. OCCUPANCY: CHURCH / HAZARD | 7 |
| 2. OCCUPANCY: CHURCH / HAZARD | 24 |
| 3. DENSITY: 15 GPM / ENTIRE SQ. FT. | 5 |
| 4. HOSE ALLOWANCE: 250 GPM | 54 |
| 5. DATE: NOVEMBER 18, 2005 | 54 |
| 6. FLOW TEST: 68 PSI STATIC / 1700 GPM FLOWING | |
| TOTAL SPRINKLERS THIS SHEET | |

| | |
|----------------------------|----------------------|
| DESIGNER: | DALMATIAN FIRE, INC. |
| 1651 WATKINSON TRAIL | |
| LOUISVILLE, KENTUCKY 40299 | |
| (502) 267-5511 | FAX (502) 267-5571 |

DALMATIAN FIRE, INC.
110 TRANSCRIPT AVENUE
LEXINGTON, KENTUCKY 40508



DALMATIAN FIRE, INC.
HYDRAULIC-SYSTEM
 The building is protected by a hydraulically designed Automatic Sprinkler System.

Location: GRADE LEVEL A

No. of Sprinklers: 32

Basis of Design:

- DENSITY: 1.5 GPM/50 FT²
- DESIGNED AREA OF PROTECTION: ENTIRE 500 FT² AREA
- LOAD: 2.0 GPM/100 FT² (SEE SHEET 1-D)

System Demand:

1. GPM DEMAND: 462.8 GPM
2. RESIDUAL PRESSURE AT THE END OF THE LINE: 51.5 PSI

DALMATIAN FIRE, INC.
HYDRAULIC-SYSTEM
 The building is protected by a hydraulically designed Automatic Sprinkler System.

Location: GRADE LEVEL B

No. of Sprinklers: 16

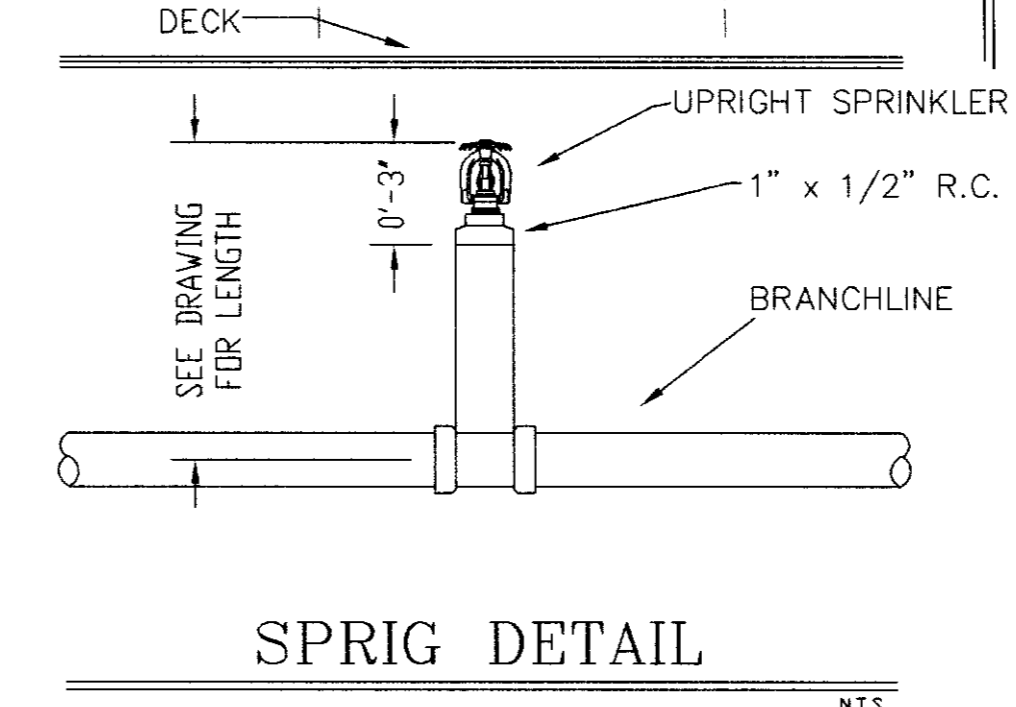
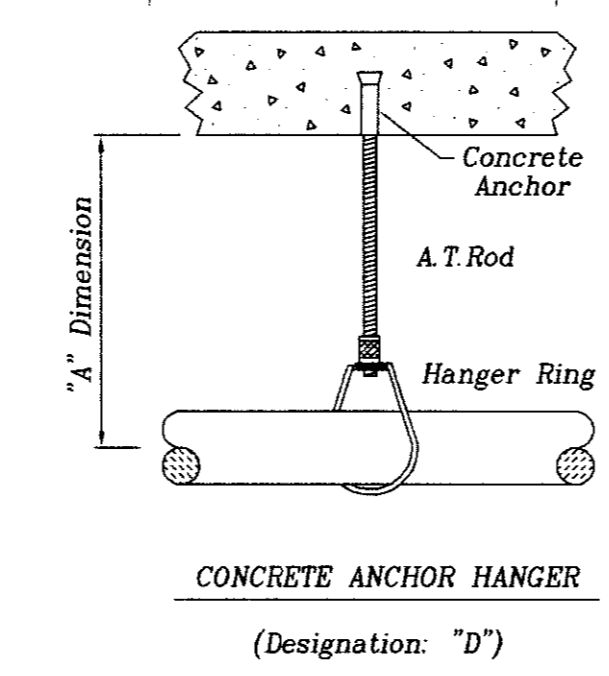
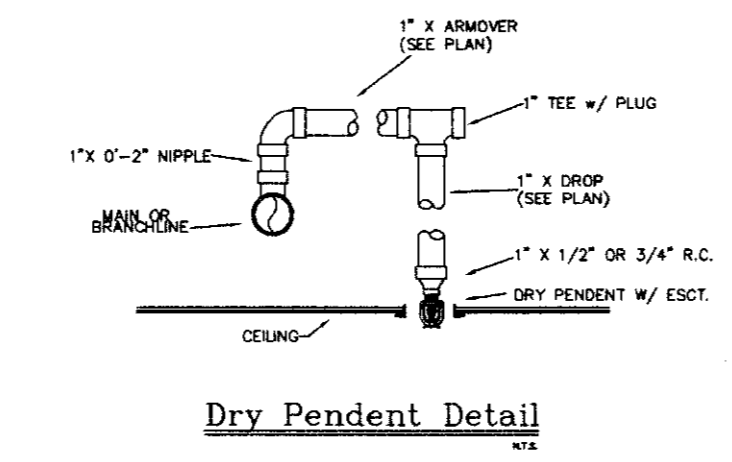
Basis of Design:

- DENSITY: 1.5 GPM/50 FT²
- DESIGNED AREA OF PROTECTION: ENTIRE 500 FT² AREA
- LOAD: 2.0 GPM/100 FT² (SEE SHEET 1-D)

System Demand:

1. GPM DEMAND: 470.3 GPM
2. RESIDUAL PRESSURE AT THE END OF THE LINE: 56.8 PSI

- GENERAL NOTES
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIDE PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL ATR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE.
 - 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/2" TO BE GALVANIZED THREADED FITTINGS.
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2"-6" TO BE VICTALIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK KNIVES TO BE SWEET, ONLY FIRE-RATED WALLS NEED TO BE FIRE STOP.
 - 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPE.
 - 11) PITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1



FILE: GRADE LEVEL FIRE SPRINKLER LAYOUT PLAN

SCALE: 3/32" = 1'-0"

DATE: 7/17/06

CONTRACT NO: 6106

CONTRACT W/O: GILBANE BUILDING COMPANY

DRWN BY: D. JACOBS II

FILE NAME: UK GARAGE

DATE: NOVEMBER 18, 2005

FLOW TEST: 68 PSI @ 1.5 GPM

RESIDUAL: 65 PSI @ 1700 GPM FLOWING

TOTAL SPRINKLERS THIS SHEET: 32

SPRINKLERS: VIKING MODEL M

QTY: 27

DESIGNATION: LIGHT HAZARD

1. 1 1/2" x 155' WHITE RECESSED DRY PENDENT MUR

2. 1 1/2" x 155' BRASS UPRIGHT MUR

3. 1 1/2" x 286' BRASS UPRIGHT MUR

DESIGNATION: 100 GPM

1. 100 GPM

2. 100 GPM

3. 100 GPM

UK PATIENT CARE FACILITY GARAGE

110 TRANSCRIPT AVENUE

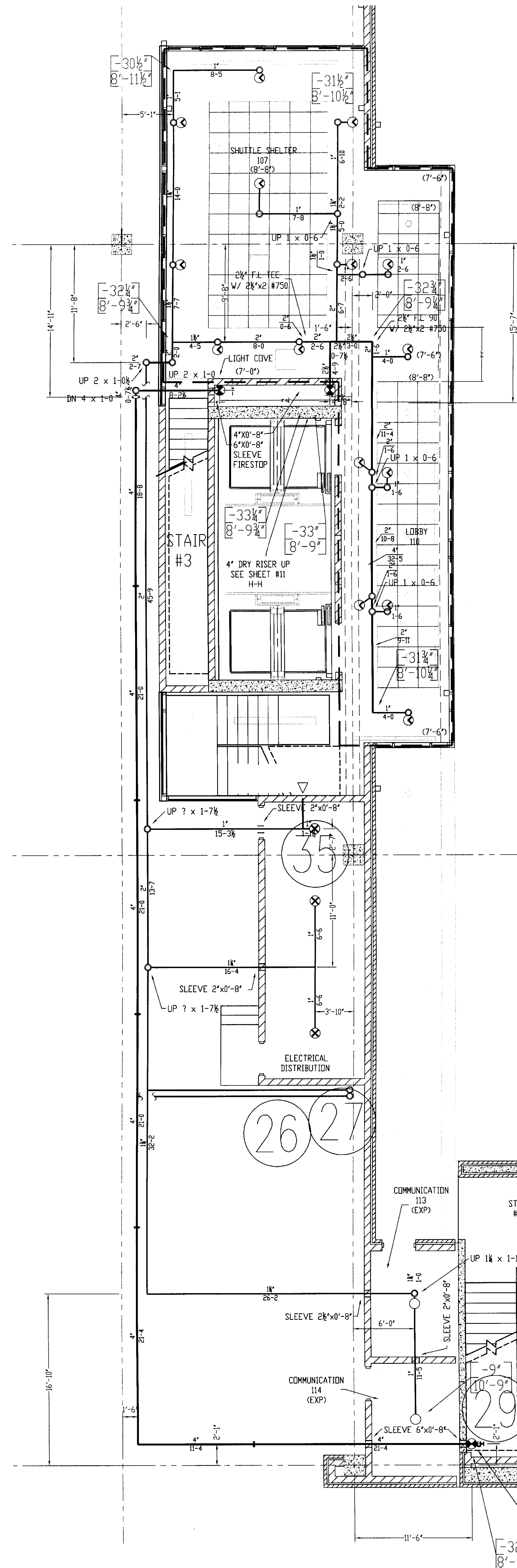
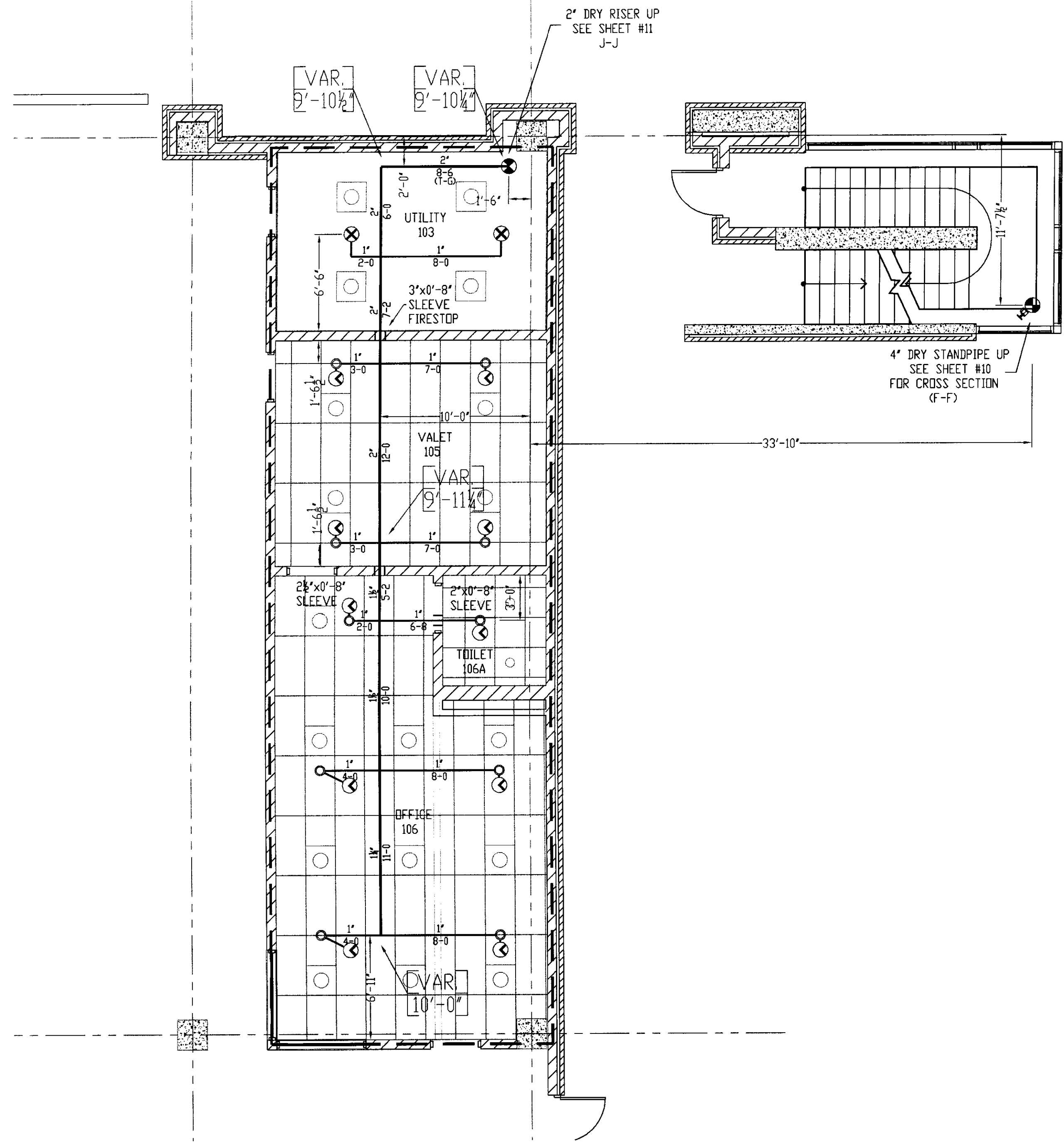
LEXINGTON, KENTUCKY 40508

DALMATIAN FIRE, INC.

1000 W. MAIN STREET

LOUISVILLE, KENTUCKY 40299

(502) 267-5511 FAX (502) 267-5571



DALMATIAN FIRE, INC. HYDRALIC-SYSTEM
The building is protected by a Hydraulically Designed Automatic Sprinkler System.

Location: GRADE LEVEL A

No. of Sprinklers: 12

Beale of Design:

- DENSITY: 1.15 GPM/50. FT²
- DESIGNED AREA OF PROTECTION: ENTIRE SQ. FT.
- USE OF ORINARY I.C. ORINARY I.C.

System Demand:

1. GPM DISCHARGE: 462.8 GPM
2. DESIGN PRESSURE AT THE: 51.5 PS

DALMATIAN FIRE, INC. HYDRALIC-SYSTEM
The building is protected by a Hydraulically Designed Automatic Sprinkler System.

Location: GRADE LEVEL B

No. of Sprinklers: 16

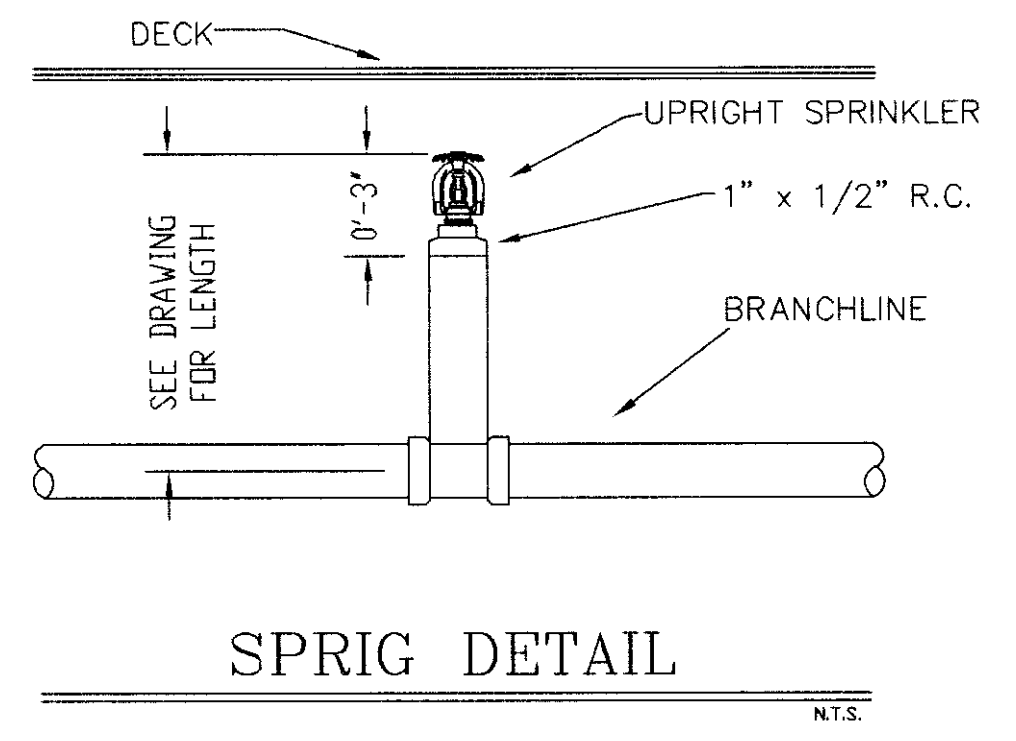
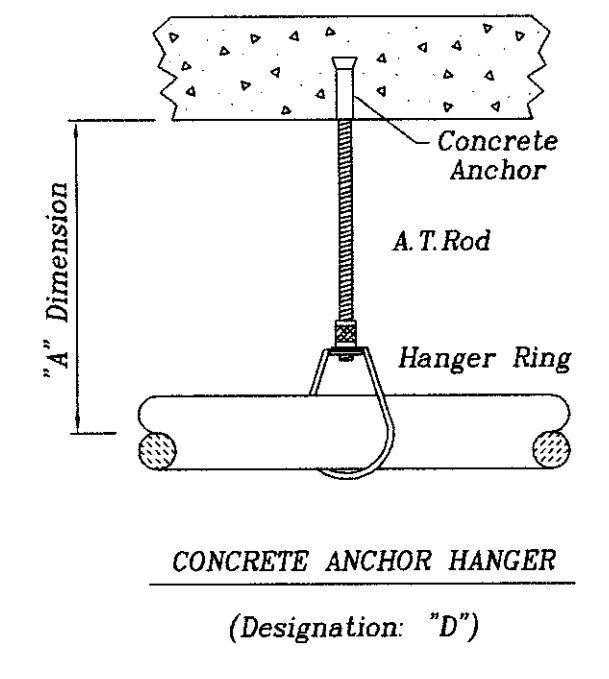
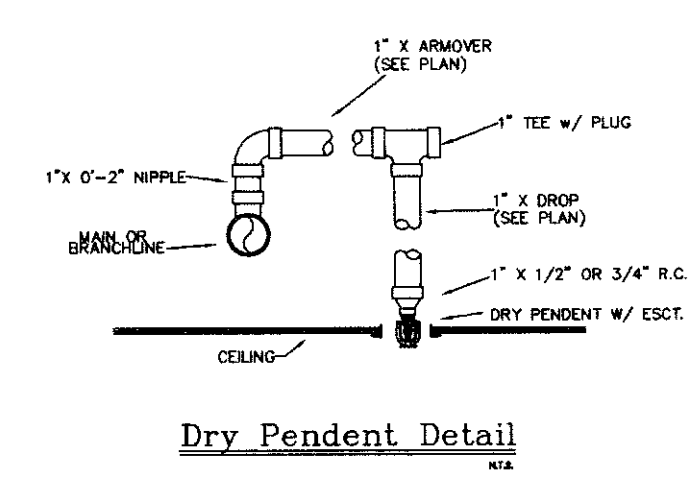
Beale of Design:

- DENSITY: 1.10 GPM/50. FT²
- DESIGNED AREA OF PROTECTION: ENTIRE SQ. FT.
- USE OF ORINARY I.C. ORINARY I.C.

System Demand:

1. GPM DISCHARGE: 470.3 GPM
2. DESIGN PRESSURE AT THE: 58.8 PS

- GENERAL NOTES**
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIZE PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL ATR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE
 - 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/2" TO BE GALVANIZED THREADED FITTINGS
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2"- 6" TO BE VICTAULIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED. ONLY FIRE-RATED WALLS NEED TO BE FIRE STOP.
 - 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPE.
 - 11) PITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1



SPRINKLERS

| | | | |
|-------------------------------|----|------------------------------------|------------------|
| WING MODEL | M | QTY | DESIGN DATA |
| RECESSED DRY PENDENT MGR | 27 | OCCUPANCY: LIGHT HAZARD | |
| 1/2" x 1/2" BRASS UPRIGHT MGR | 3 | DENSITY: 0.10 GPM / ENTIRE SQ. FT. | |
| 1/2" x 2" BRASS UPRIGHT MGR | 3 | HOSE ALLOWANCE: 100' GPM | |
| | | DATE: NOVEMBER 18, 2005 | |
| | | FLOW TEST: 15 LITRIC | 55 PS RESIDUAL |
| | | | 88 PSI 15 LITRIC |
| | | | 1700 GPM FLOWING |
| | | | 32 |

TOTAL SPRINKLERS THIS SHEET

FILE

| | | |
|--|---------------------------------------|------------------------|
| GRADE LEVEL FIRE SPRINKLER LAYOUT PLAN | DATE: 7/17/06 | DRAWN BY: D. JACOBS II |
| SCALE: 3/16" = 1'-0" | CHECKED BY: UK GARAGE | |
| CONTRACT NO. 106 | CONTRACT WT. GILBANE BUILDING COMPANY | |

UK PATIENT CARE FACILITY GARAGE
110 TRANSCRIPT AVENUE
LEXINGTON, KENTUCKY 40508
DALMATIAN FIRE, INC.
181 WATKINS TRAIL
LOUISVILLE, KY 40203
(502) 267-5911 FAX (502) 267-5971



| | | | |
|---|----------------|-----|--|
| SPRINKLERS | WIRING MODEL M | QTY | DESIGN DATA |
| Ø 7/2" x 15' WHITE RECESSED DRY PENDENT MDR | 17 | | OCCUPANCY, LIGHT HAZARD |
| | | | DENSITY: .10 GPM / ENTIRE SQ. FT. |
| | | | HOSE ALLOWANCE: 100 GPM |
| | | | DATE: NOVEMBER 18, 2005 |
| | | | FLOW TEST: 68 PSIG 5.7 GPM @ 1700 GPM ALLOWING |
| | | | RESIDUAL |
| | | | 17 |
| TOTAL SPRINKLERS THIS SHEET | | | |

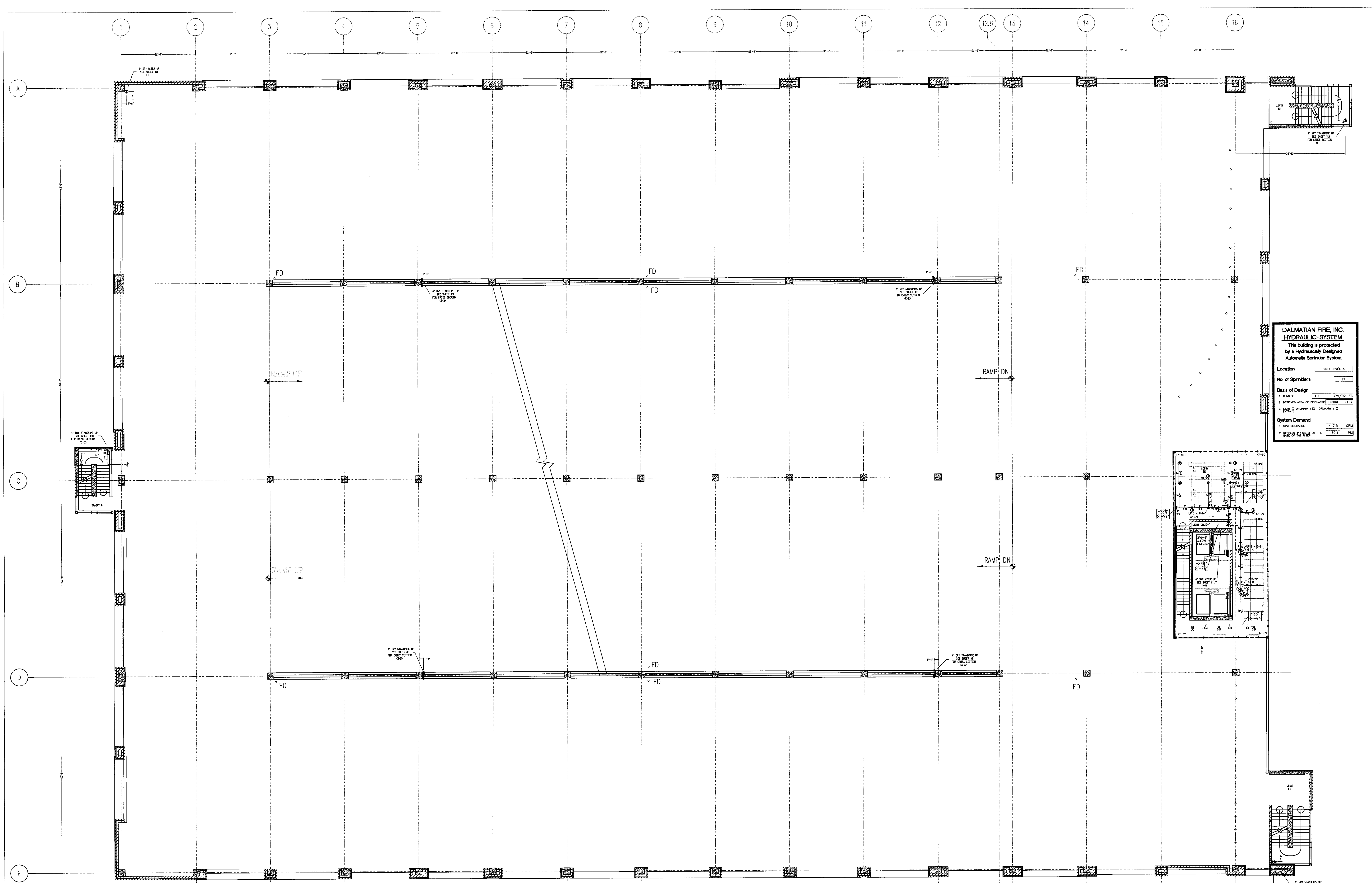
| | |
|----------------|--------------------------------------|
| TITLE: | 2ND LEVEL FIRE SPRINKLER LAYOUT PLAN |
| SCALE: | 3/32" = 1'-0" |
| DATE: | 7/17/06 |
| CHECKED BY: | D. JACOBS II |
| CONTRACT NO.: | 05/06 |
| CONTRACT WITH: | CULBANE BUILDING COMPANY |

| | | |
|-----------------------------------|-----------------------|----------------|
| UK PATIENT CARE FACILITY GARAGE | 110 TRANSCRIPT AVENUE | KENTUCKY 40508 |
| LEXINGTON | | |
| DALMATIAN FIRE, INC. | | |
| 1651 WATKINSON TRAIL | | |
| LOSERSVILLE, KENTUCKY 40308 | | |
| (502) 267-5571 FAX (502) 267-5571 | | |

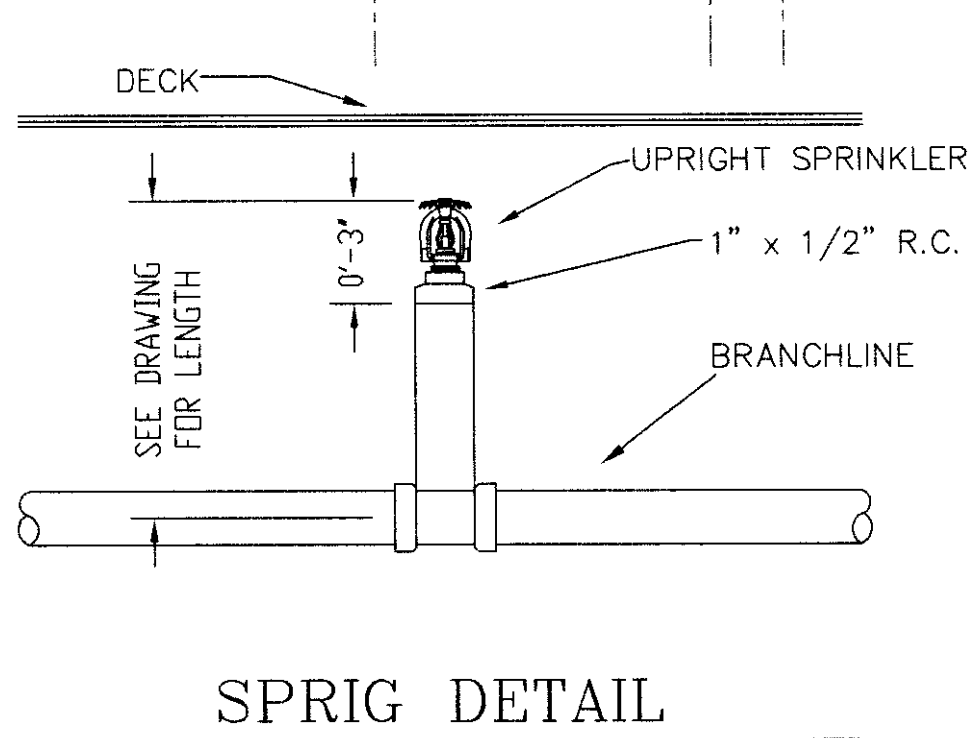
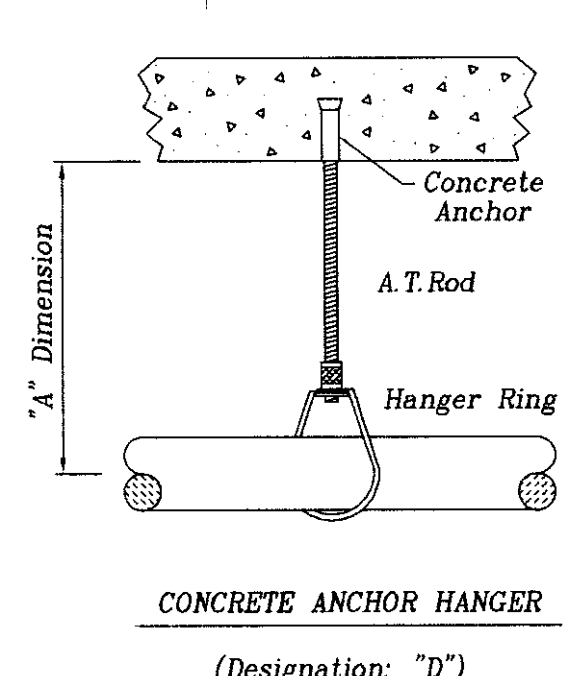
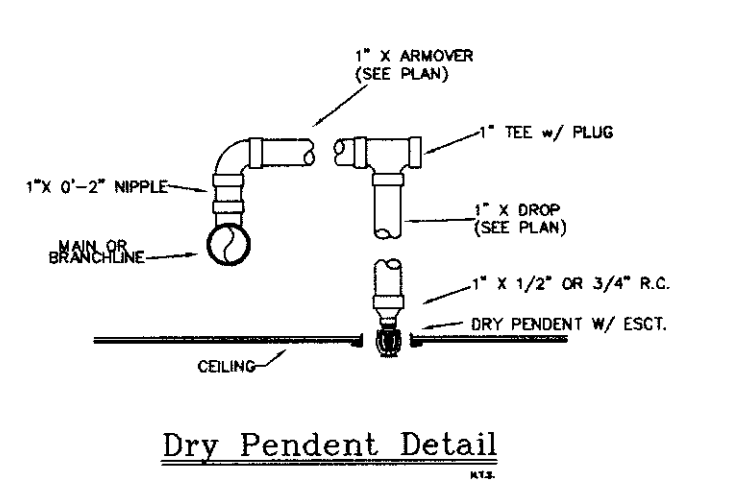
| | |
|------------|---------|
| SHEET No.: | 4 OF 11 |
|------------|---------|



216 C-1 31591



- GENERAL NOTES
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIZE PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL ATR TO BE ELKED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE.
 - 6) FITTINGS (DRY SYSTEM)
 - a) 1" - 1 1/2" TO BE GALVANIZED THREADED FITTINGS.
 - b) 1 1/2" - 2" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 RSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPES VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - a) 1" - 2" TO BE CAST IRON FITTINGS.
 - b) 2" - 6" TO BE VICTORIAN FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED ONLY. FIRE-RATED WALLS NEED TO BE FIRE STOP.
 - 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPS.
 - 11) PITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1.



DALMATIAN FIRE, INC.
HYDRAULIC SYSTEM
This building is protected by a hydraulically designed Automatic Sprinkler System.

Location: 2ND LEVEL A

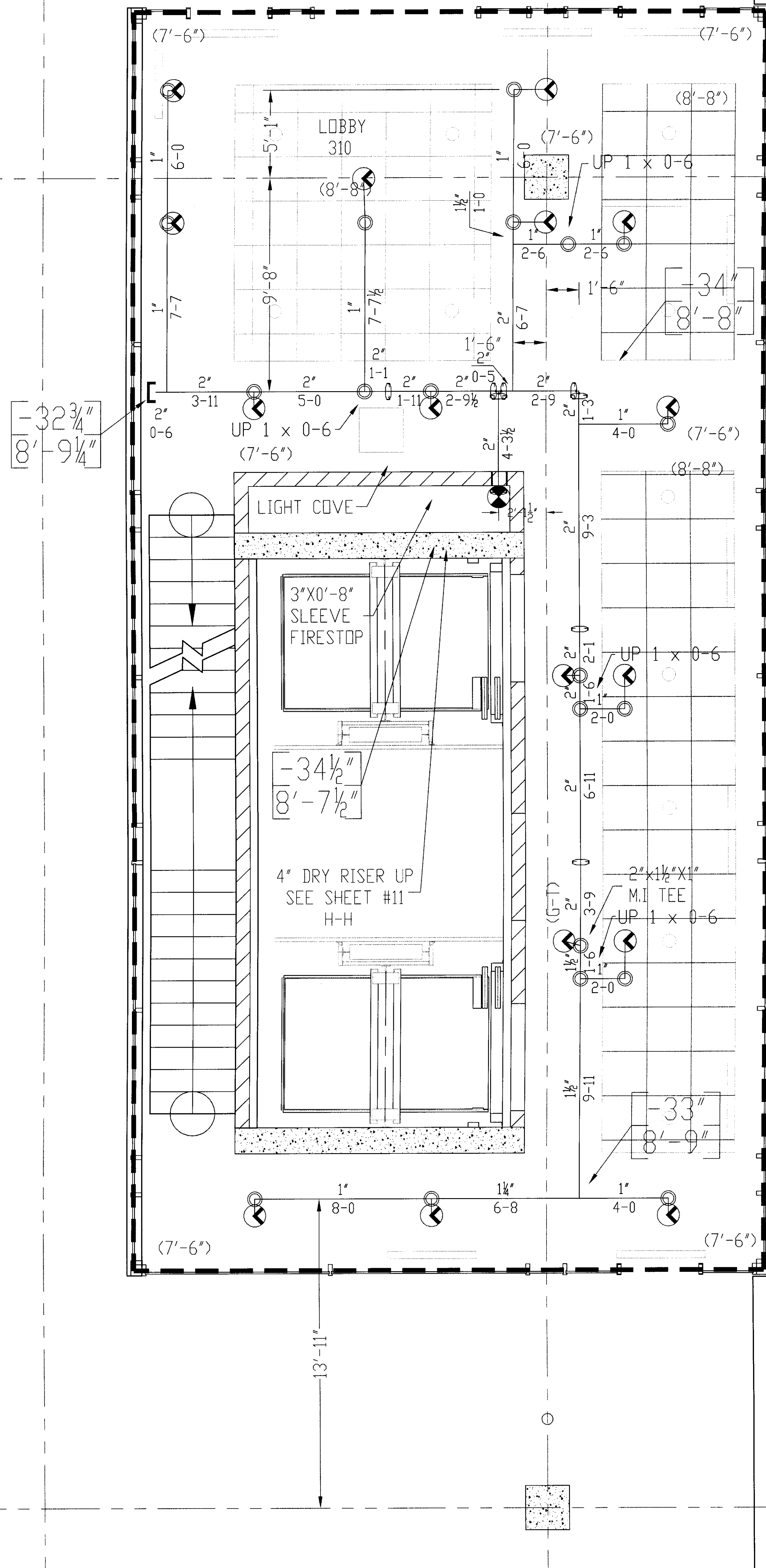
No. of Sprinklers: 17

Basis of Design:

1. DESIGN: 1.0 (GPM/SQ. FT.)
2. OCCUPIED AREA OF OCCUPANCY: ENTIRE (50%)

System Demand:

1. ONE OCCUPANCY: 417.5 GPM
2. DESIGN PRESSURE AT THE SIZE OF THE RISK: 58.1 PSI



GENERAL NOTES

- 1) ALL WORK PER NFPA-13.
- 2) ALL ATR SIZE PER NFPA-13.
- 3) ALL HANGERS TO BE BAND HANGERS.
- 4) ALL ATR TO BE PLATED ROD.
- 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE
- 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/4" TO BE GALVANIZED THREADED FITTINGS
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
- 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
- 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2"- 6" TO BE VICTAULIC FIRELOCK FITTINGS.
- 9) ALL BLOCK WALLS TO BE SLEEVED. ONLY FIRE-RATED WALLS NEED TO BE FIRE STOP.
- 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPE.
- 11) PITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1

DALMATIAN FIRE, INC.
HYDRAULIC-SYSTEM
 The building is protected by a hydraulically designed Automatic Sprinkler System.

Location: 2ND LEVEL A

No. of Sprinklers: 17

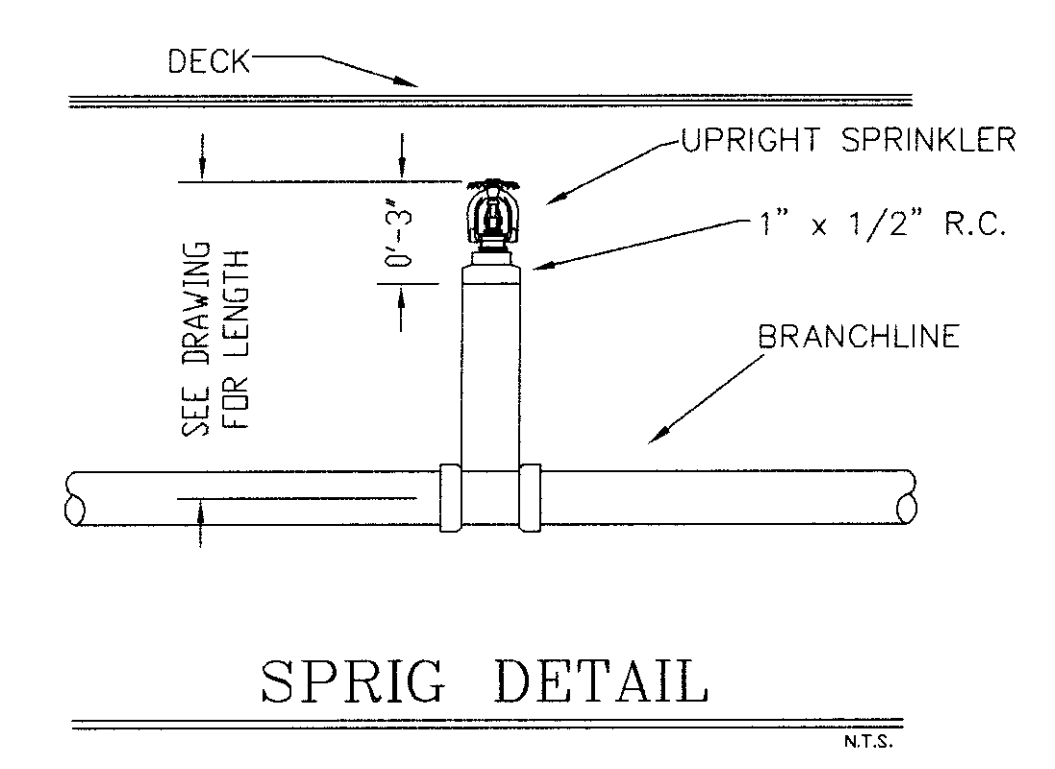
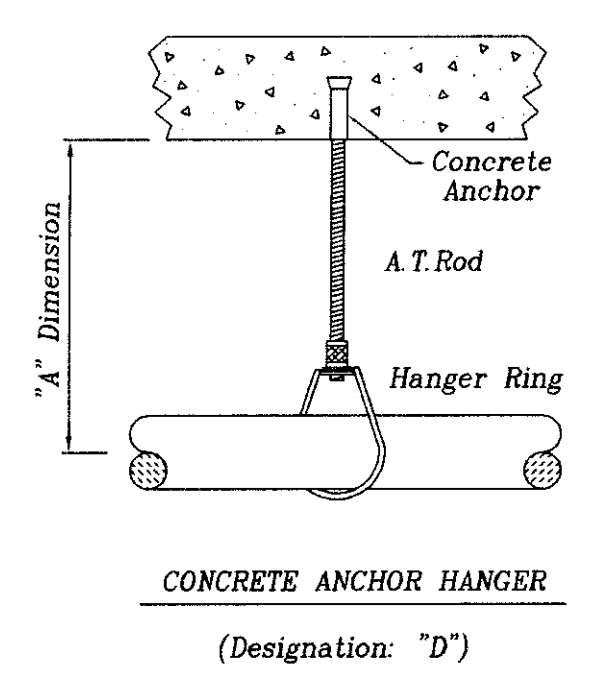
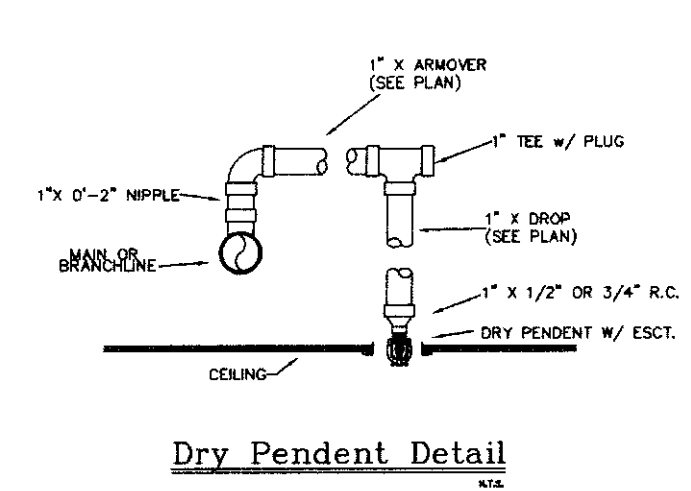
Scale of Design: 1/16" = 1'-0" (10 GPM/50 FT)

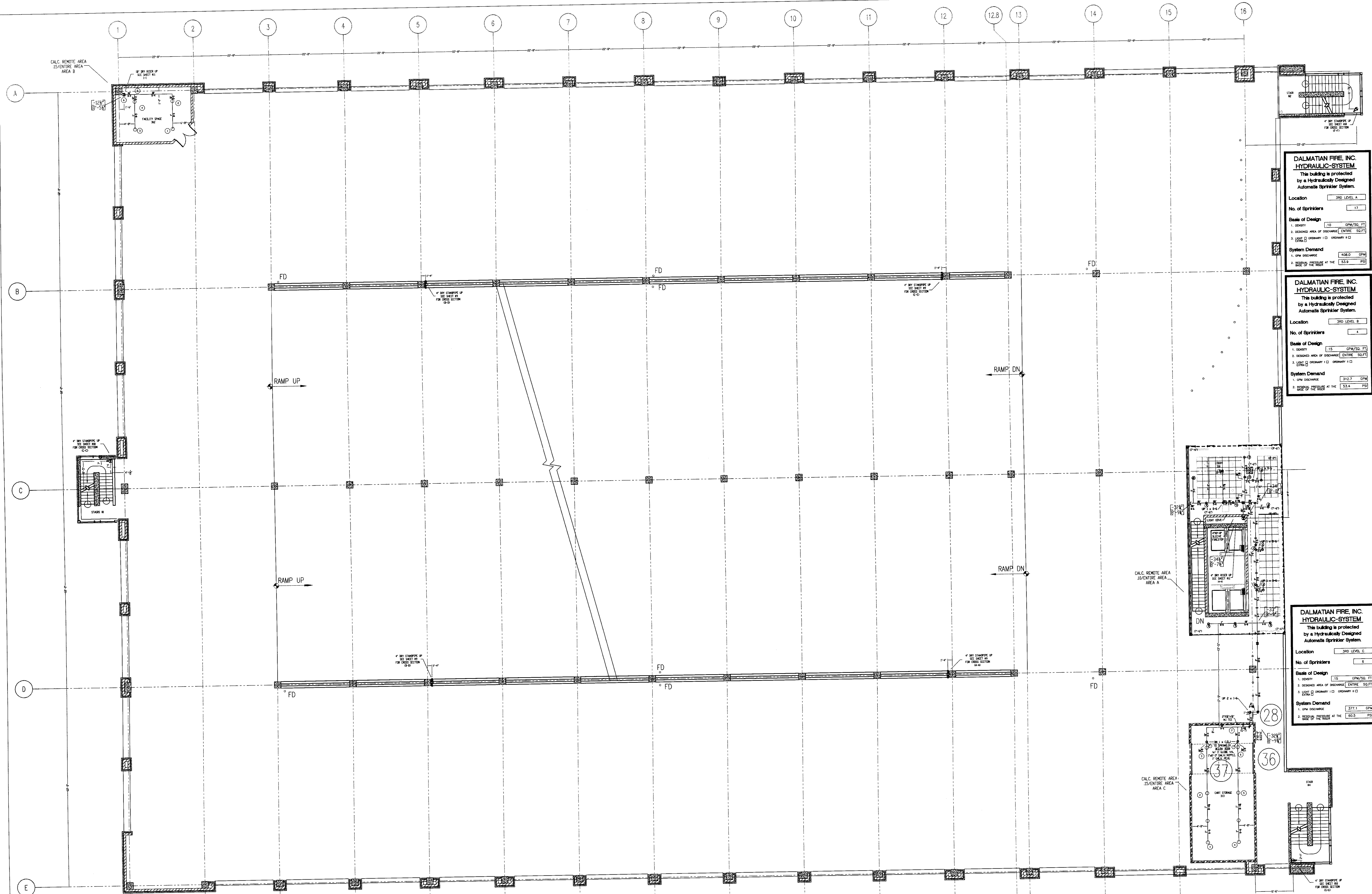
System Demand: 417.5 GPM

| SPRINKLERS | WANO MODEL M | QTY | DESIGN DATA |
|---|--------------|-----|---------------------------------|
| 6" 1/2" x 105' WHITE RECESSED DRY PENDENT MGR | | 17 | |
| OCCUPANCY: LIGHT HAZARD | | | |
| DENSITY: 10 GPM / ENTIRE SQ. FT. | | | |
| ROSE ALLOWANCE: 100 GPM | | | |
| DATE: NOVEMBER 18, 2005 | | | |
| FLOW TEST: 58 PSI STATIC | | | |
| RESIDUAL: 1700 GPM FLOWING | | | |
| | | | TOTAL SPRINKLERS THIS SHEET: 17 |

| FILE | 2ND LEVEL FIRE SPRINKLER LAYOUT PLAN |
|----------------------|---|
| DATE: 7/17/06 | DRAWN BY: D. JACOBS II |
| SCALE: 1/16" = 1'-0" | CHECKED BY: FELIX UK GARAGE |
| CONTRACT NO.: 6106 | CONTRACT WITH: GILBANE BUILDING COMPANY |

UK PATIENT CARE FACILITY GARAGE
 110 TRANSCRIPT AVENUE
 LEXINGTON, KENTUCKY 40508
DALMATIAN FIRE, INC.
 1054 MATTHEW TRAIL
 LOUISVILLE, KENTUCKY 40299
 (502) 267-5311 FAX (502) 267-5371





DALMATIAN FIRE, INC. HYDRAULIC SYSTEM
This building is protected by a hydraulically designed Automatic Sprinkler System.

Location: 3RD LEVEL A

No. of Sprinklers: 17

Basis of Design:
1. DENSITY: 1.5 GPM/SG. FT.
2. DESIGNED AREA OF DISCHARGE (ENTIRE SQ. FT.)
3. LOCAL: ORDINARY: ORDINARY:

System Demand:
1. GPM DISCHARGE: 408.0 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER: 55.8 PSI

DALMATIAN FIRE, INC. HYDRAULIC SYSTEM
This building is protected by a hydraulically designed Automatic Sprinkler System.

Location: 3RD LEVEL B

No. of Sprinklers: 4

Basis of Design:
1. DENSITY: 1.5 GPM/SG. FT.
2. DESIGNED AREA OF DISCHARGE (ENTIRE SQ. FT.)
3. LOCAL: ORDINARY: ORDINARY:

System Demand:
1. GPM DISCHARGE: 312.7 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER: 55.4 PSI

DALMATIAN FIRE, INC. HYDRAULIC SYSTEM
This building is protected by a hydraulically designed Automatic Sprinkler System.

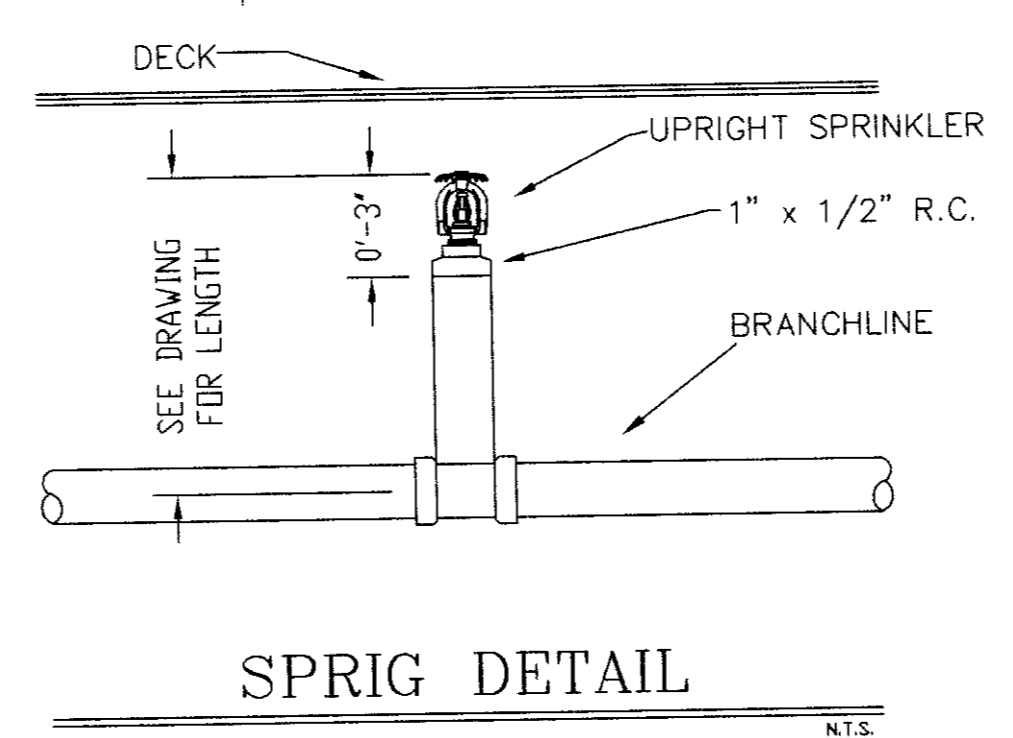
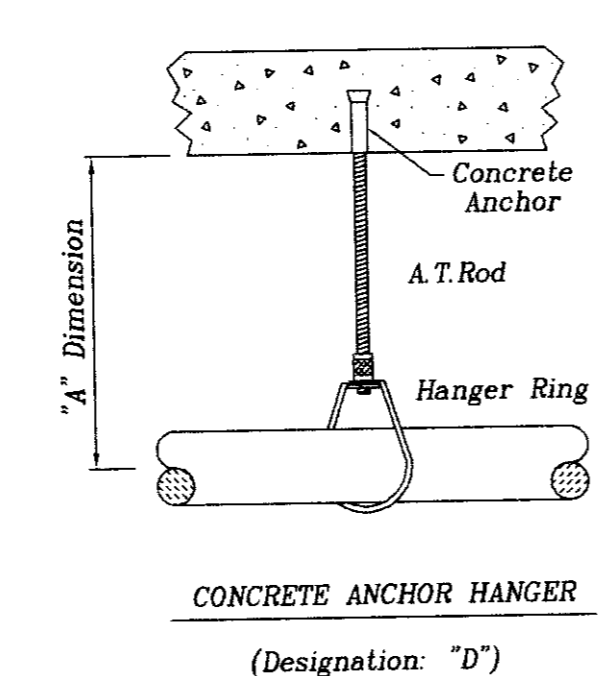
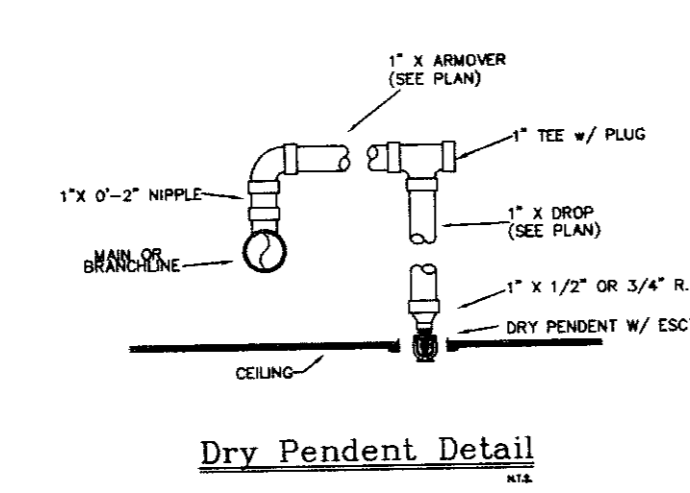
Location: 3RD LEVEL C

No. of Sprinklers: 8

Basis of Design:
1. DENSITY: 1.5 GPM/SG. FT.
2. DESIGNED AREA OF DISCHARGE (ENTIRE SQ. FT.)
3. LOCAL: ORDINARY: ORDINARY:

System Demand:
1. GPM DISCHARGE: 377.1 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER: 55.5 PSI

- GENERAL NOTES**
- 1) ALL WORK PER NFPA-13.
 - 2) ALL AFR SIZE PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL AFR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE.
 - 6) FITTINGS (DRY SYSTEM)
 - a) 1 1/2" - 4" TO BE GALVANIZED THREADED FITTINGS.
 - b) 1 1/2" - 4" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - a) 1 1/2" - 4" TO BE CAST IRON FITTINGS.
 - b) 2 1/2" - 4" TO BE VICTALIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED ONLY. FIRE-RATED WALLS USED TO BE FIRE STOP.
 - 10) ALL SLEEVES TO BE SCHEDULE 40 GALVANIZED PIPE.
 - 11) P-TUB DRY PIPE SYSTEM PER NFPA-13 SECTION 9.15.2.3.1



SPRINKLERS WING MODEL M QTY DESIGN DATA

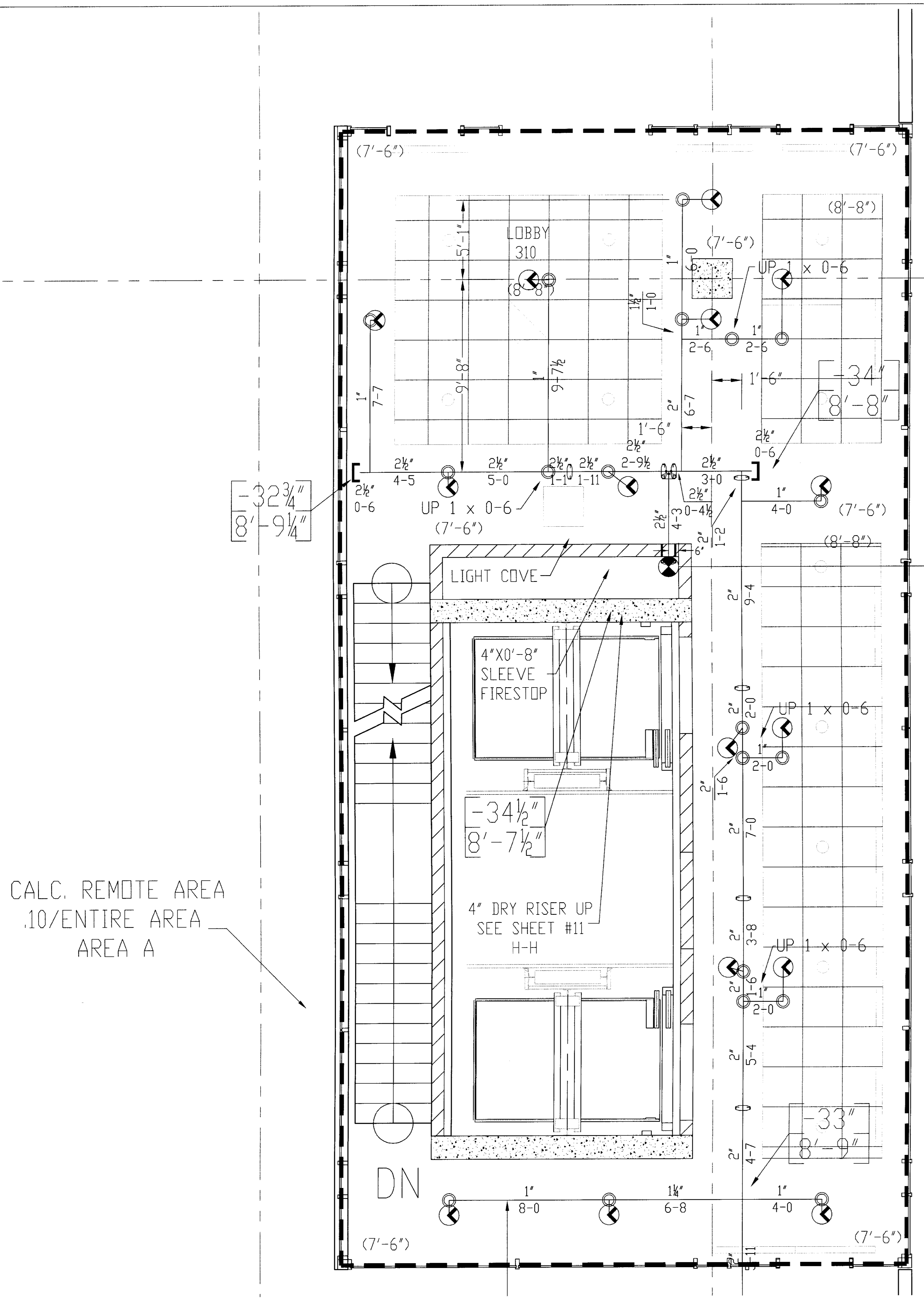
| | |
|--------------------------------------|------------------|
| OCCUPANCY: ORDINARY HAZARDOUS | 17 |
| USE: WHITE ACCESSORY DRY PENDENT MDR | 12 |
| USE: BRASS UPRIGHT MDR | 5 |
| HOSE ALLOWANCE: | 250 GPM |
| DATE: NOVEMBER 18, 2005 | |
| FLOW PSIG STATIC | 56 PSIG RESIDUAL |
| FLOW PSIG | 1700 GPM FLOWING |
| TOTAL SPRINKLERS THIS SHEET | 29 |

3RD LEVEL FIRE SPRINKLER LAYOUT PLAN

| | |
|----------------|--------------------------|
| DATE: | 7/17/06 |
| CHECKED BY: | D. JACOBS II |
| FILE NAME: | UK GARAGE |
| CONTRACT NO.: | 6106 |
| CONTRACT WITH: | GILBANE BUILDING COMPANY |

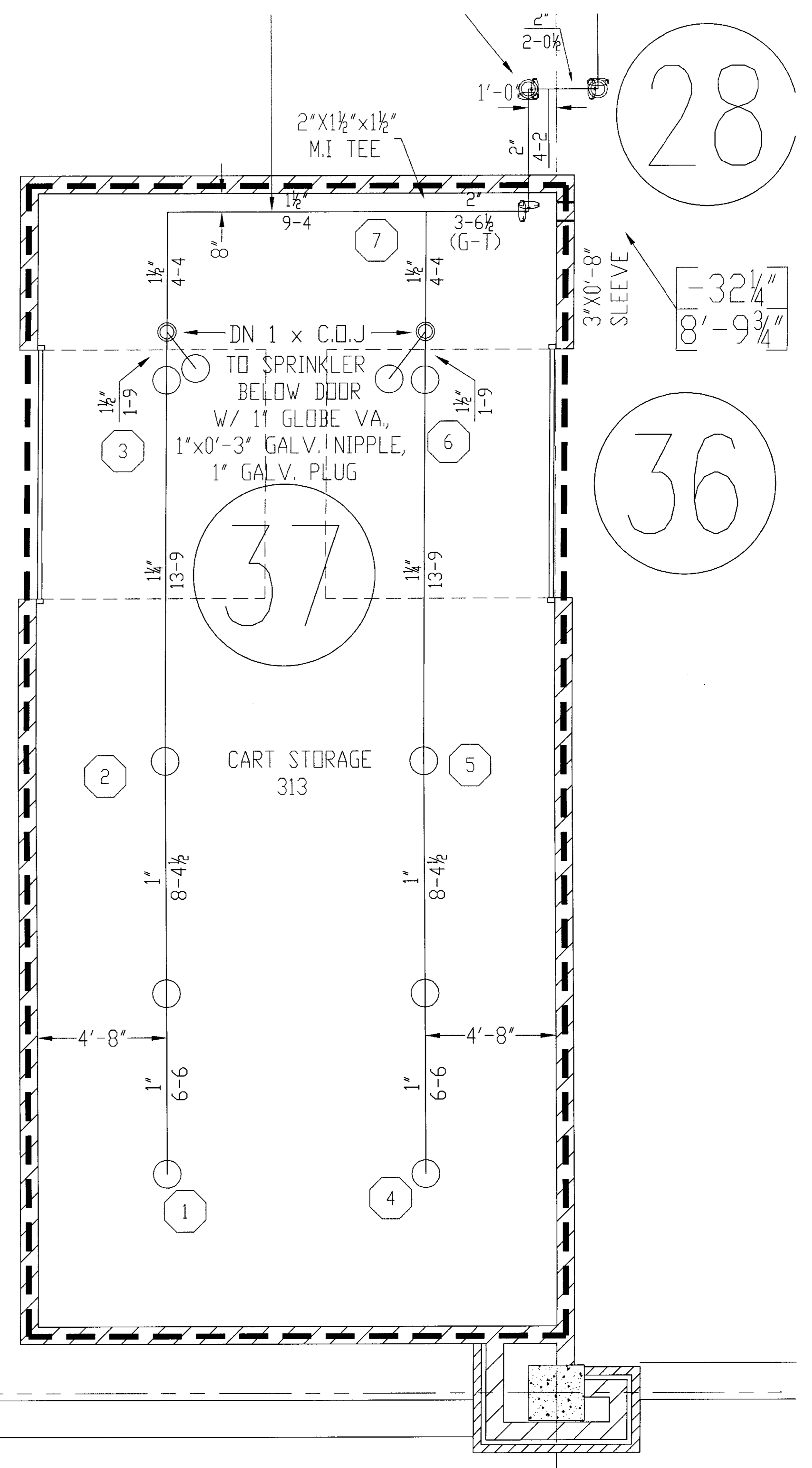
UK PATIENT FACILITY GARAGE
110 TRANSCRIPT AVENUE
LEXINGTON, KENTUCKY 40508

DALMATIAN FIRE, INC.
1651 WATKINSON TRAIL
LOUISVILLE, KENTUCKY 40289
(502) 267-5511 FAX (502) 267-5571



CALC. REMOTE AREA
.10/ENTIRE AREA
AREA A

CALC. REMOTE AREA
.15/ENTIRE AREA
AREA C

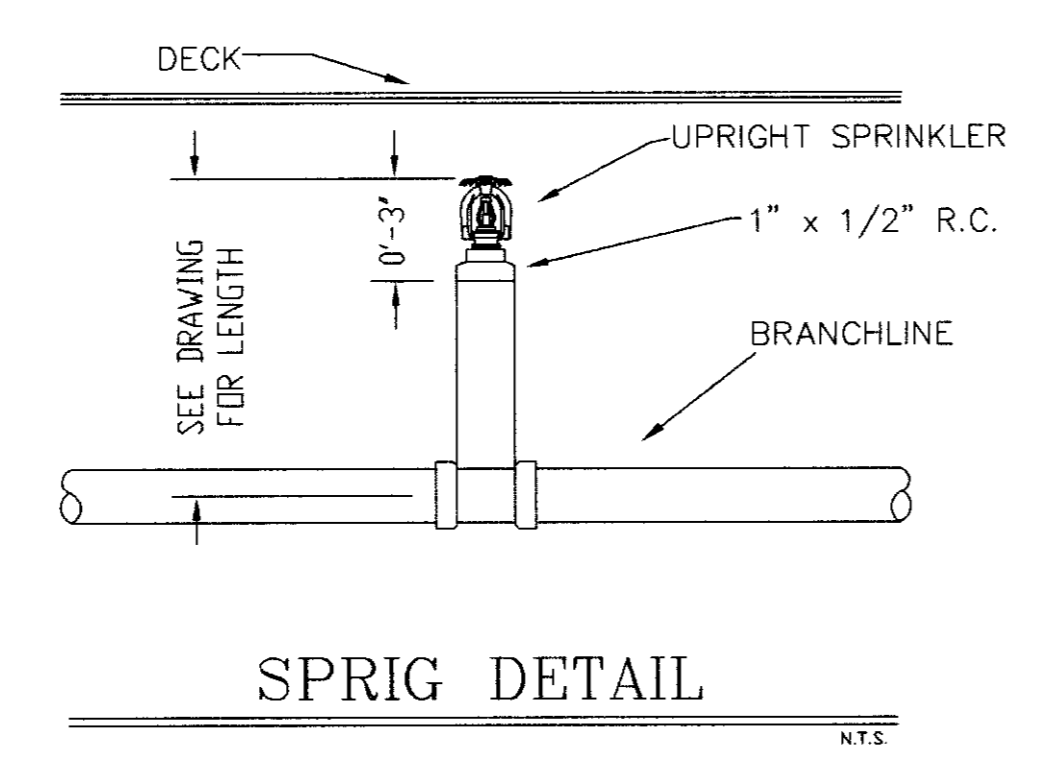
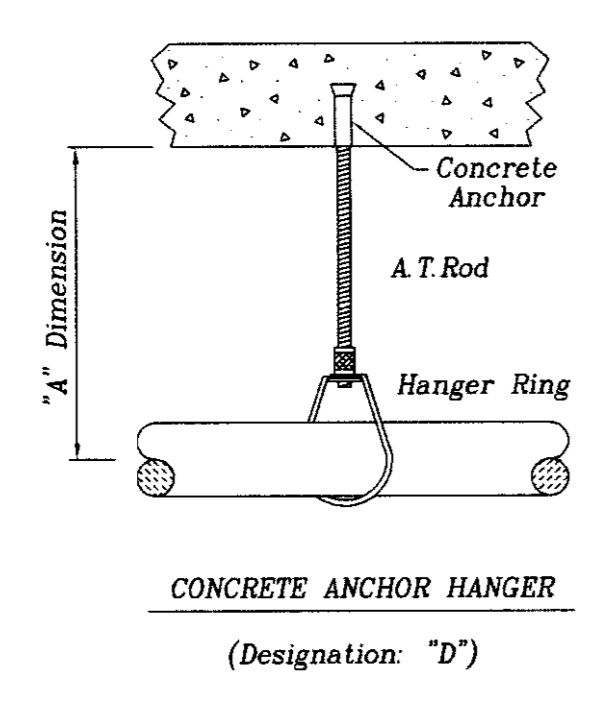
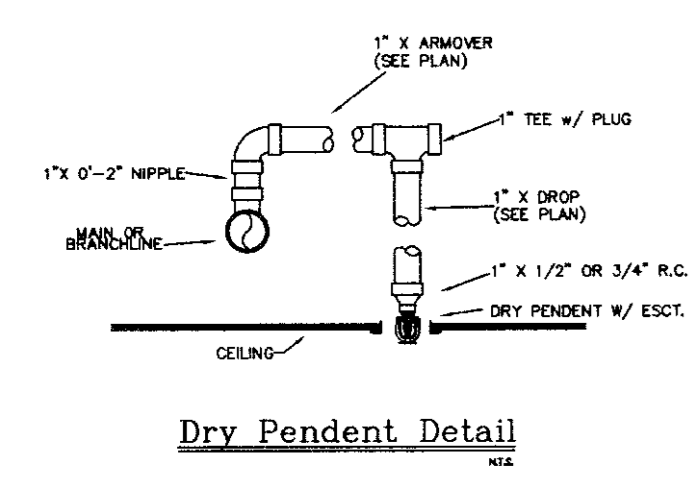


28

36

37

- GENERAL NOTES
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIZE PER NFPA-13.
 - 3) ALL HANGERS TO BE HAND HANGERS.
 - 4) ALL ATR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE
 - 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/2" TO BE GALVANIZED THREADED FITTINGS
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2"-6" TO BE VICTAULIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED ONLY
FIRE-RATED WALLS NEED TO BE FIRE STOP.
 - 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPE.
 - 11) PITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1



DALMATIAN FIRE, INC. HYDRAULIC-SYSTEM
This building is protected by a Hydraulically Designed Automatic Sprinkler System.

Location: 3RD LEVEL, A

No. of Sprinklers: 17

Base of Design:
1. density: 1.10 GPM/SQ. FT.
2. DESIGNED AREA OF DISCHARGE: ENTIRE SQ. FT.
3. LIGHT: 0 ORDINARY 1 0 ORDINARY # 0

System Demand:
1. GPM DISCHARGE: 408.0 GPM
2. PRESS. REQUIRED AT THE SIDE OF THE VALVE: 53.9 PSI

DALMATIAN FIRE, INC. HYDRAULIC-SYSTEM
This building is protected by a Hydraulically Designed Automatic Sprinkler System.

Location: 3RD LEVEL, B

No. of Sprinklers: 4

Base of Design:
1. density: 1.15 GPM/SQ. FT.
2. DESIGNED AREA OF DISCHARGE: ENTIRE SQ. FT.
3. LIGHT: 0 ORDINARY 1 0 ORDINARY # 0

System Demand:
1. GPM DISCHARGE: 312.7 GPM
2. PRESS. REQUIRED AT THE SIDE OF THE VALVE: 53.4 PSI

DALMATIAN FIRE, INC. HYDRAULIC-SYSTEM
This building is protected by a Hydraulically Designed Automatic Sprinkler System.

Location: 3RD LEVEL, C

No. of Sprinklers: 6

Base of Design:
1. density: 1.15 GPM/SQ. FT.
2. DESIGNED AREA OF DISCHARGE: ENTIRE SQ. FT.
3. LIGHT: 0 ORDINARY 1 0 ORDINARY # 0

System Demand:
1. GPM DISCHARGE: 377.1 GPM
2. PRESS. REQUIRED AT THE SIDE OF THE VALVE: 60.5 PSI

| SPRINKLERS | WING MODEL | QTY | DESIGN DATA |
|--|------------|-----------------------------------|-------------|
| 1/2" x 1/2" WHITE RECESSED BRT PENDENT MDR | 17 | OCCUPANCY, ORDINARY HAZARD | |
| 1/2" x 1/2" BRASS UPRIGHT MDR | 12 | DENSITY: .15 GPM / ENTIRE SQ. FT. | |
| | | HOSE ALLOWANCE: 250 GPM | |
| | | DATE: NOVEMBER 18, 2005 | |
| | | FLOW TEST: STATAC | |
| | | 68 PSI | |
| | | 1700 GPM FLOWING | |
| | | TOTAL SPRINKLERS THIS SHEET | 29 |

| TITLE | DATE | BRN BY | CHK BY |
|--|---------|--------------|-----------|
| 3RD LEVEL FIRE SPRINKLER LAYOUT PLAN | 7/17/06 | D. JACOBS II | UK GARAGE |
| SCALE: 3/16" = 1'-0" | | | |
| CONTRACT NO: 5106 | | | |
| CONTRACT W/O: GILBANE BUILDING COMPANY | | | |

UK PATIENT FACILITY GARAGE
110 TRANSCRIPT AVENUE
LEXINGTON KENTUCKY 40508
DALMATIAN FIRE, INC.
151 WATKINSON TRAIL
LOUISIANA, MOBILE 36688
(502) 287-5511 FAX (502) 287-5571



| | | | | |
|--|--|---------------------|------------|--|
| SPRINKLERS | | WING MODEL M | QTY | DESIGN DATA |
| Ø 1 1/2" x 155' WHITE RECESSED DRY PENDENT NGR | | 17 | | OCCUPANCY: LIGHT HAZARD |
| HOSE ALLOWANCE: 100' GPM | | | | DENSITY: 1.0 GPM / ENTIRE SQ. FT. |
| DATE: NOVEMBER 18, 2005 | | | | FLOW TEST: 68 PSI STATIC / 110 PSI GPM FLOWING |
| TOTAL SPRINKLERS THIS SHEET | | 17 | | |

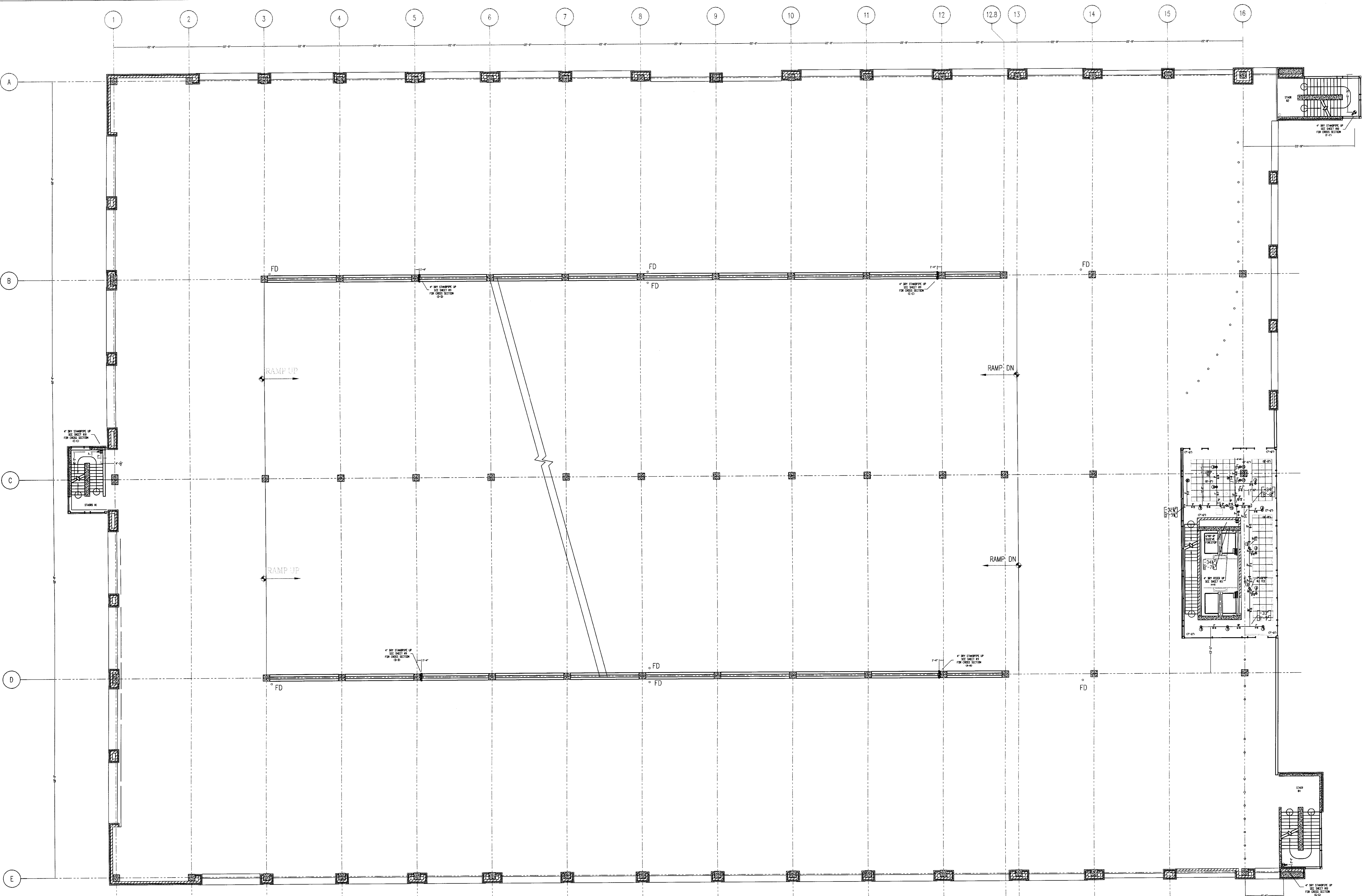
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|---|--|------------------------------|---|
| 4TH LEVEL FIRE SPRINKLER LAYOUT PLAN | | DATE: 7/17/06 | DRAWN BY: D. JACOBS II |
| UK PATIENT FACILITY GARAGE | | CHECKED BY: UK GARAGE | FILE NAME: UK GARAGE |
| LEXINGTON KENTUCKY 40508 | | CONTRACT NO.: 6106 | CONTRACT W/TH: GLEANE BUILDING COMPANY |

UK PATIENT FACILITY GARAGE
 110 TRANSCRIPT AVENUE
 LEXINGTON KENTUCKY 40508
DALMATIAN FIRE, INC.
 1651 WATKINSON TRAIL
 LOUISVILLE, KENTUCKY 40299
 (502) 261-3311 FAX (502) 261-5571

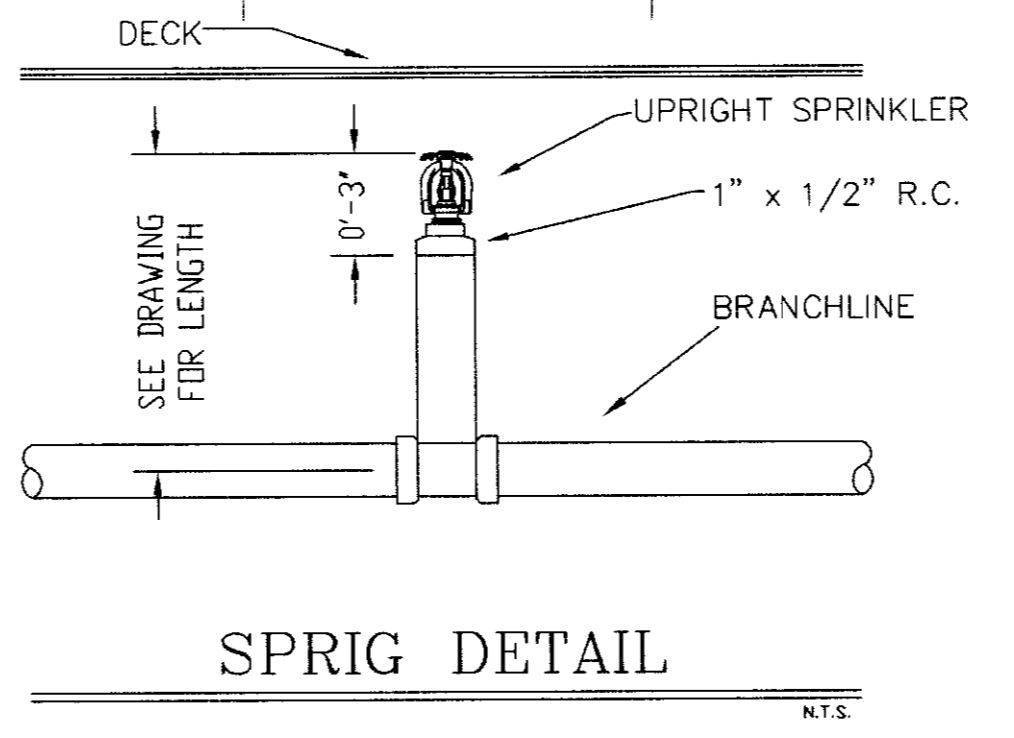
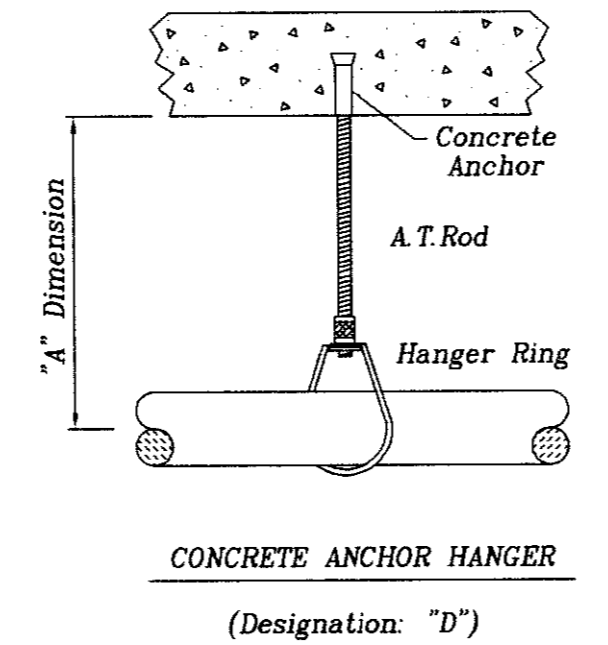
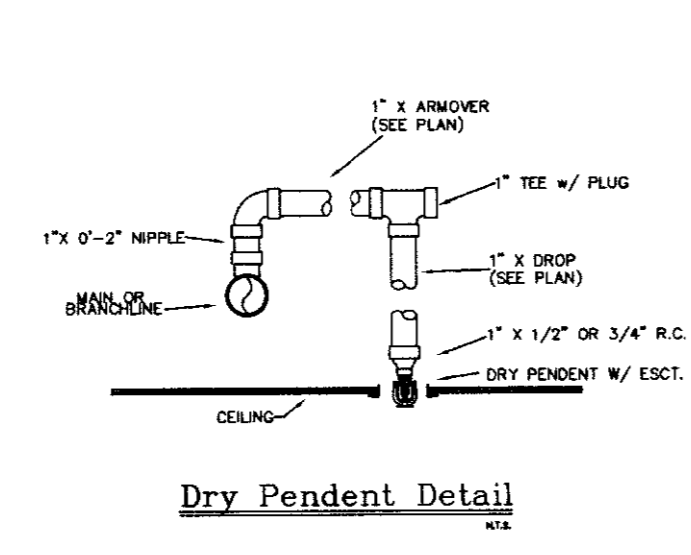
SHEET No. **6** OF **11**



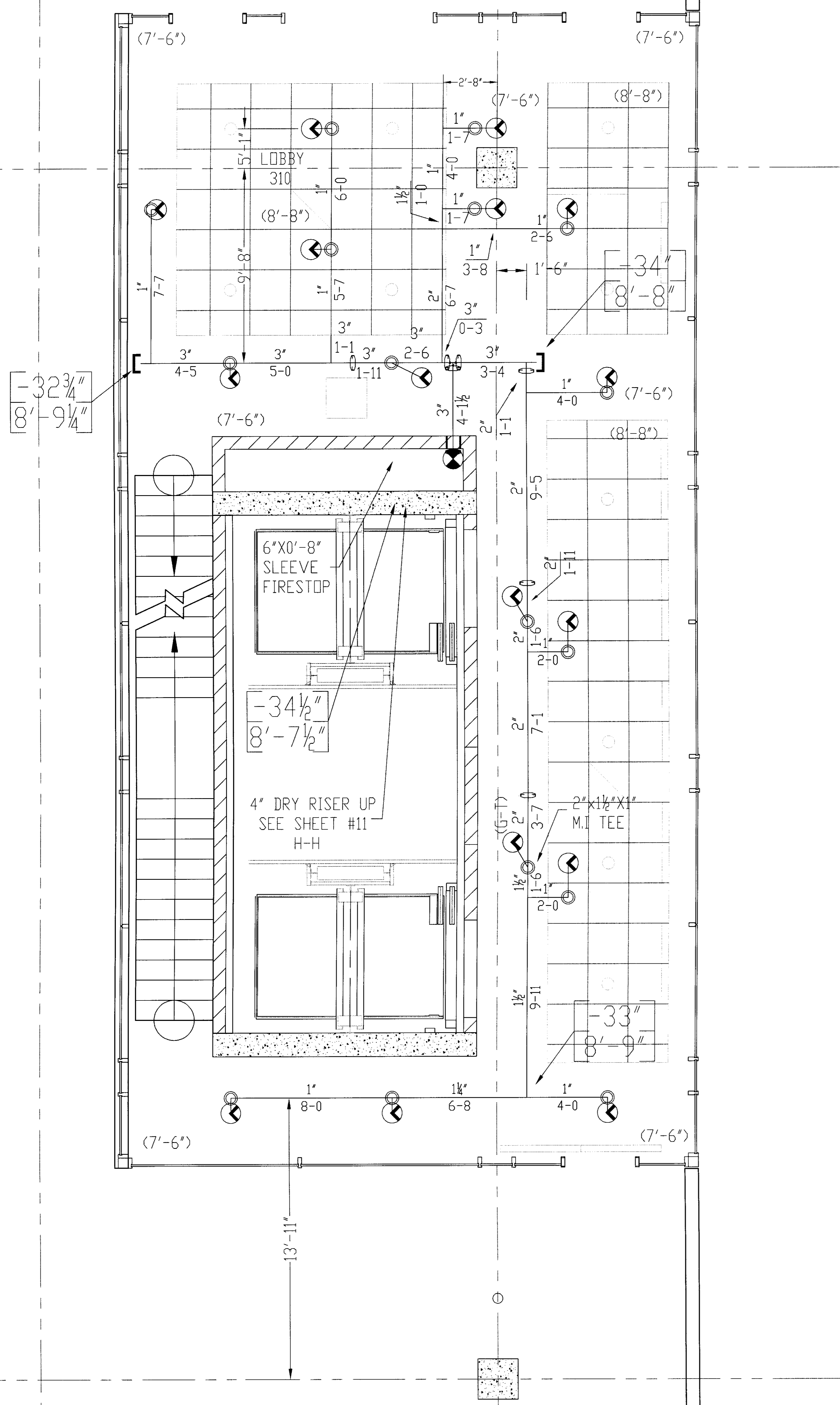
C-1 31395



- GENERAL NOTES**
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIZES PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL ATR TO BE PLATED RCD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE.
 - 6) FITTINGS (DRY SYSTEM)
 - A) 1" - 1 1/2" TO BE GALVANIZED THREADED FITTINGS.
 - B) 1 1/2" - 2" TO BE GALVANIZED FIRELOCK FITTINGS UNG.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - A) 1" - 2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2" - 6" TO BE VICTAULIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED ONLY. FIRE-RATED WALLS NEED TO BE FIRE STOP.
 - 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPE.
 - 11) FITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1

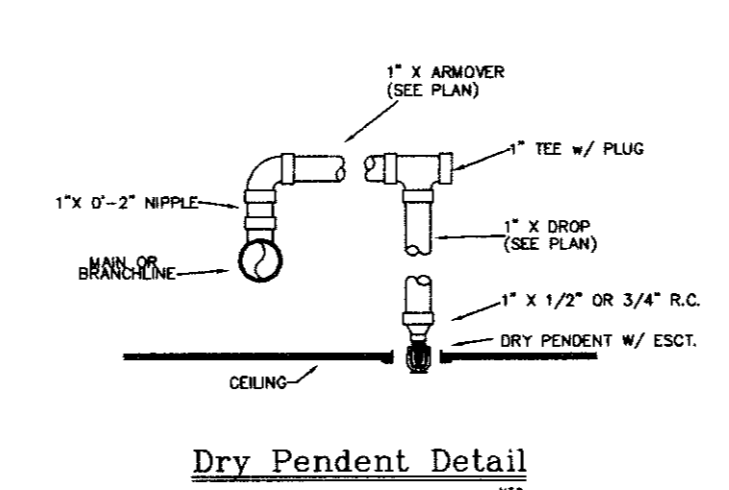


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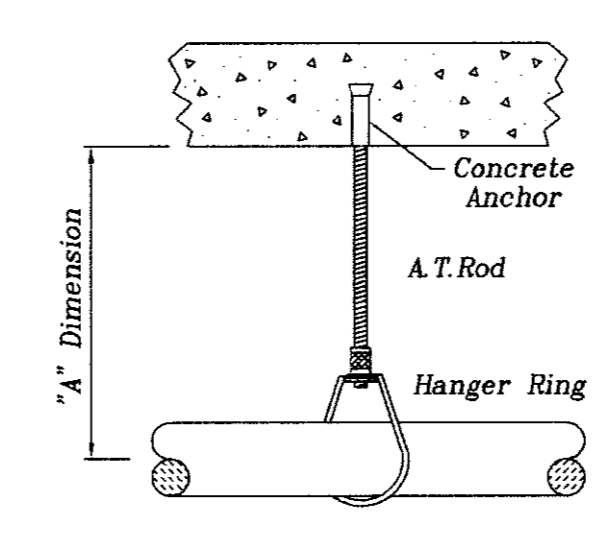


GENERAL NOTES

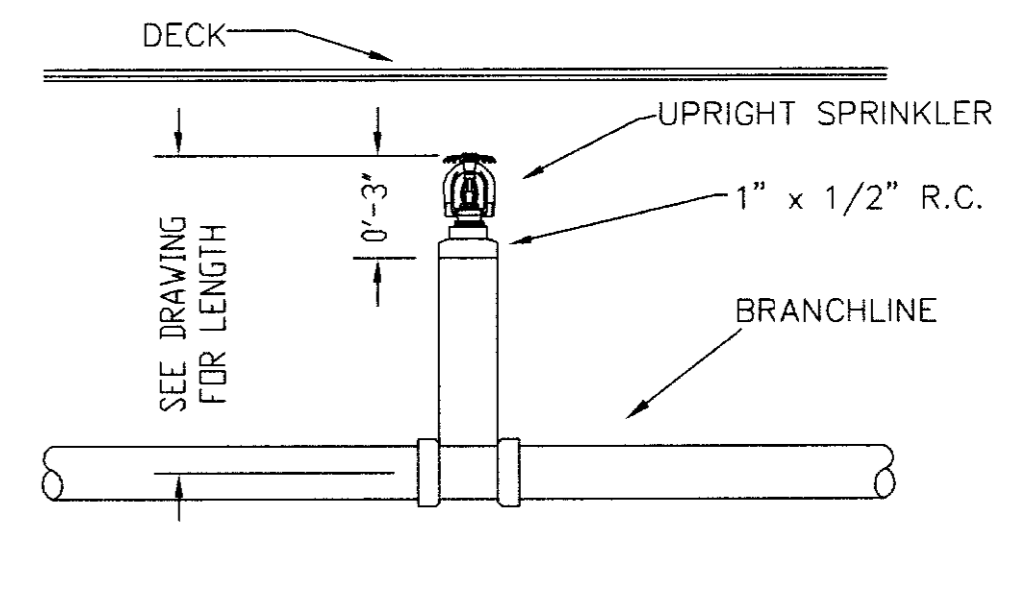
- 1) ALL WORK PER NFPA-13.
- 2) ALL ATR SIZE PER NFPA-13.
- 3) ALL HANGERS TO BE BAND HANGERS.
- 4) ALL ATR TO BE PLATED ROD.
- 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE
- 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/4" TO BE GALVANIZED THREADED FITTINGS
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
- 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
- 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2"- 6" TO BE VICTAULIC FIRELOCK FITTINGS.
- 9) ALL BLOCK WALLS TO BE SLEEVED. ONLY FIRE-RATED WALLS NEED TO BE FIRE STOP.
- 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPE.
- 11) PITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1



Dry Pendant Detail

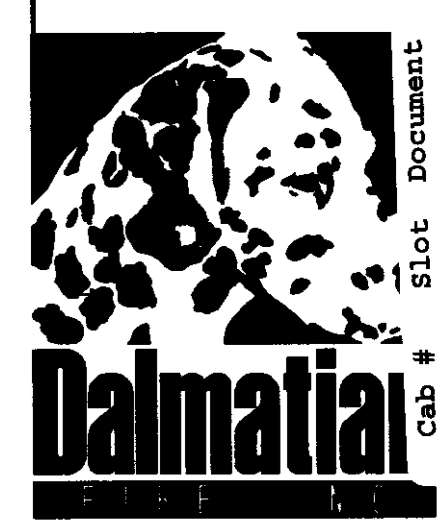


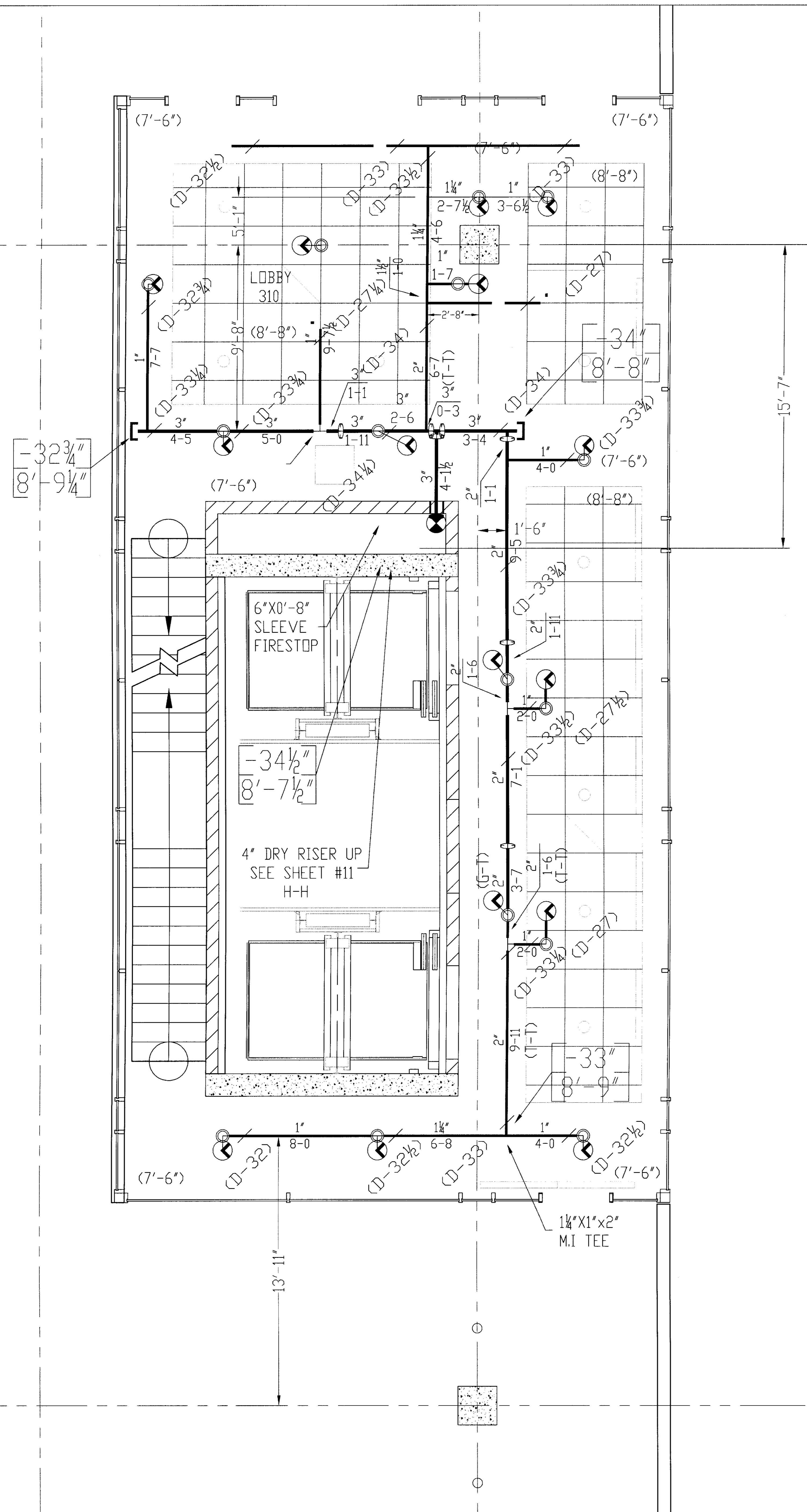
CONCRETE ANCHOR HANGER
(Designation: "D")



SPRIG DETAIL

| | | | |
|---|--|---|--|
| SPRINKLERS 32/1/2" T 150 WHITE RECESSED DRY PENDENT WUR 17 | | CITY DESIGN DATA OCCUPANCY: LIGHT HAZARD DENSITY: 10 GPM / ENTIRE SQ. FT. HOSE ALLOWANCE: 100 GPM DATE: NOVEMBER 18, 2005 FLOW TEST: 68 PSI STATIC / 1700 GPM FLOWING | |
| 4TH LEVEL FIRE SPRINKLER LAYOUT PLAN SCALE: 3/16" = 1'-0" CONTRACT NO: 6106 CONTRACT WITH: GILBANE BUILDING COMPANY | | PLAN BY: D. JACOBS II FILE NAME: UK GARAGE DATE: 7/17/06 CHECKED BY: | |
| UK PATIENT FACILITY GARAGE 110 TRANSCRIPT AVENUE LEXINGTON, KENTUCKY 40508 | | DALMATIAN FIRE, INC. 1651 WATKINSON TRAIL LOUISVILLE, KENTUCKY 40299 (502) 267-5511 FAX (502) 267-5571 | |
| SHEET No.: 6A of 11 | | TOTAL SPRINKLERS THIS SHEET: 17 | |





- GENERAL NOTES**
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIZE PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL ATR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE
 - 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/4" TO BE GALVANIZED THREADED FITTINGS
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2"- 6" TO BE VICTAULIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED. ONLY FIRE-RATED WALLS NEED TO BE FIRE STOP.
 - 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPE.
 - 11) PITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1

DALMATIAN FIRE, INC.
HYDRAULIC-SYSTEM

This building is protected
by a Hydraulically Designed
Automatis Sprinkler System.

Location 5TH LEVEL A

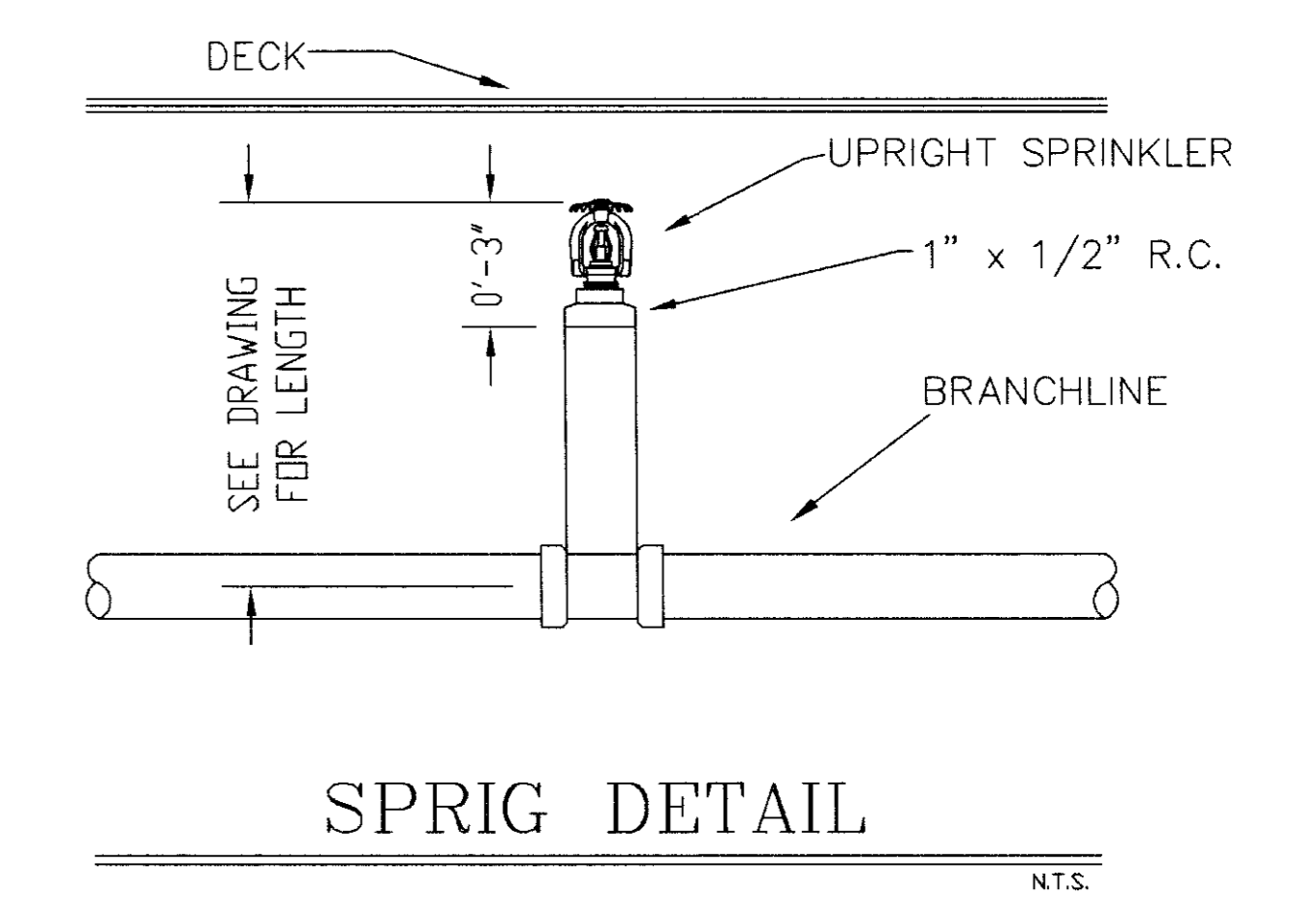
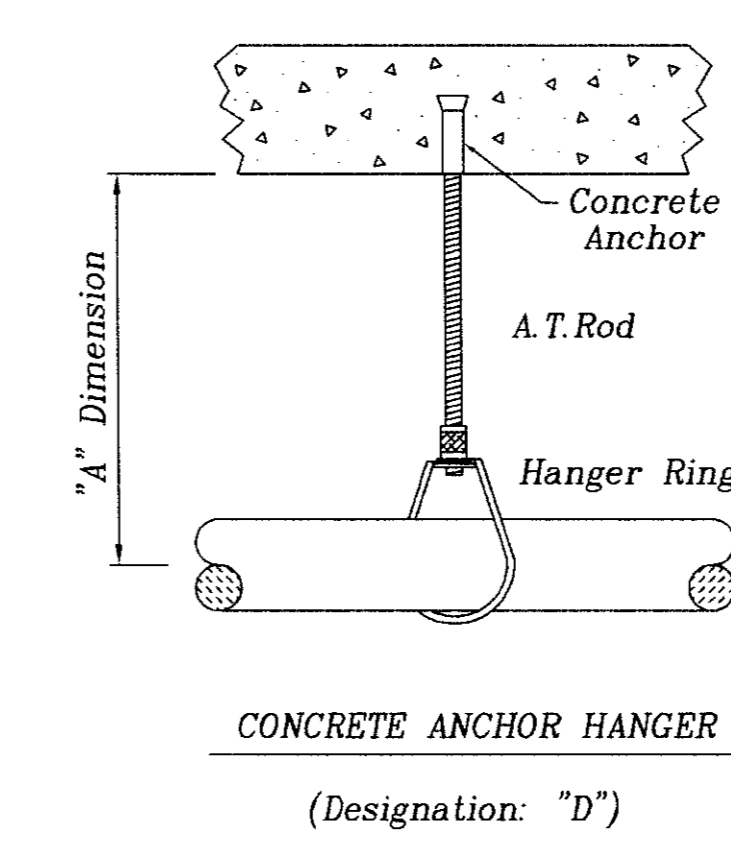
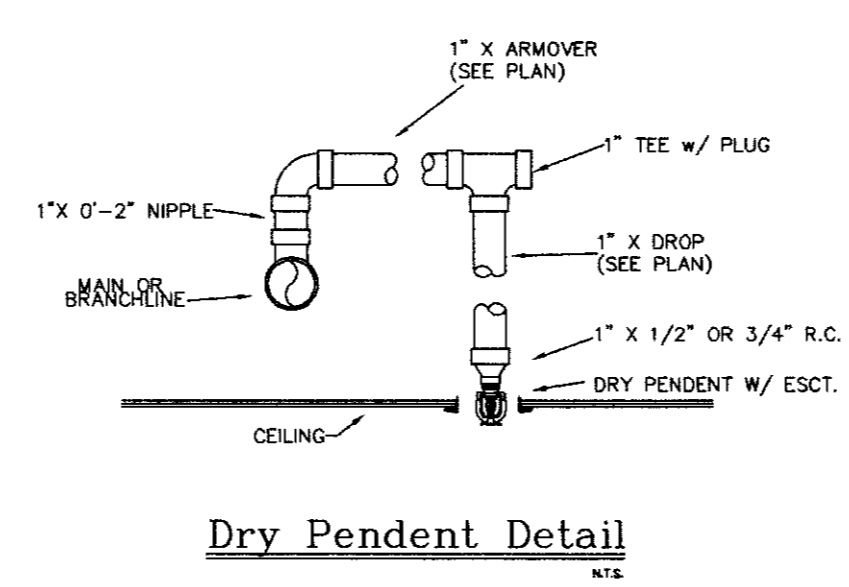
No. of Sprinklers 17

Basis of Design

1. DENSITY .10 GPM/SQ. FT.
2. DESIGNED AREA OF DISCHARGE ENTIRE SQ.FT.
3. LIGHT ORDINARY I ORDINARY II EXTRA

System Demand

1. GPM DISCHARGE 403.7 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER 59.6 PSI



NORTH

| SPRINKLERS | WING MODEL | QTY | DESIGN DATA |
|---|------------|-----|-----------------------------------|
| Q/17 x 15" WHITE RECESSED DRY PENDENT MFR | 17 | 17 | OCCUPANCY LIGHT HAZARD |
| | | | DENSITY: .10 GPM / ENTIRE SQ. FT. |
| | | | HOSE ALLOWANCE: 100 GPM |
| | | | DATE: NOVEMBER 18, 2005 |
| | | | FLOW TEST: 56 PSI RESIDUAL |
| | | | 68 PSI STATIC 1700 GPM FLOWING |
| TOTAL SPRINKLERS THIS SHEET | | | 17 |

UK PATIENT CARE FACILITY GARAGE 5TH LEVEL FIRE SPRINKLER LAYOUT PLAN

110 TRANSCRIPT AVENUE KENTUCKY

LEXINGTON KENTUCKY

DALMATIAN FIRE, INC.

1551 MARSHALL TRAIL
LOUISVILLE, KENTUCKY 40299
(502) 267-5511 FAX (502) 267-5571

SCALE: 3/16" = 1'-0"

DATE: 7/17/06

CONTRACT NO: 8106

CONTRACT W/O: GILBANE BUILDING COMPANY

DRAWN BY: D. JACOBS II

CHECKED BY: UK GARAGE

7A OF 11

SHEET No.:



NORTH

SPRINKLERS WING MODEL M QTY DESIGN DATA

| | |
|--|----|
| OCUPANCY: LIGHT HAZARD | 11 |
| DENSITY: 10 GPM / ENTIRE SQ. FT. | |
| HOSE ALLOWANCE: 100 GPM | |
| DATE: NOVEMBER 18, 2005 | |
| FLOW TEST: 58 PS STATIC 1700 GPM, 57 PS RESIDUAL | |
| DESIGNED AREA OF PROTECTION [ENTIRE SQ. FT.] | 11 |
| DESIGNER: D. JACOBS II | |
| CHECKED BY: U.K. GARAGE | |
| CONTRACT NO. 0106 | |
| CONTRACT # GILBANE BUILDING COMPANY | |
| TOTAL SPRINKLERS THIS SHEET | 11 |

DALMATIAN FIRE, INC.
HYDRAULIC SYSTEM

The building is protected by a hydraulically designed Automatic Sprinkler System.

Location: 6TH LEVEL, A

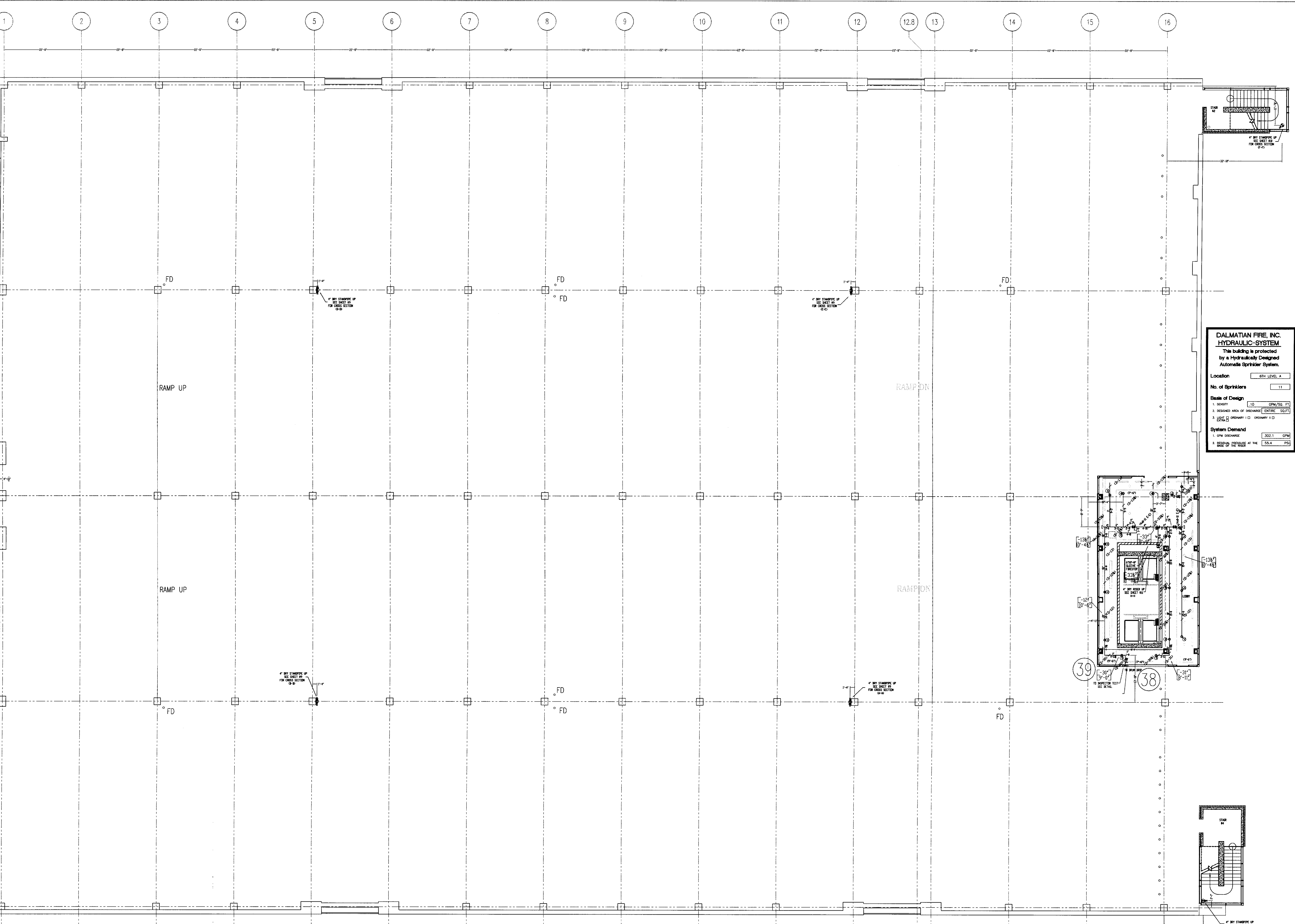
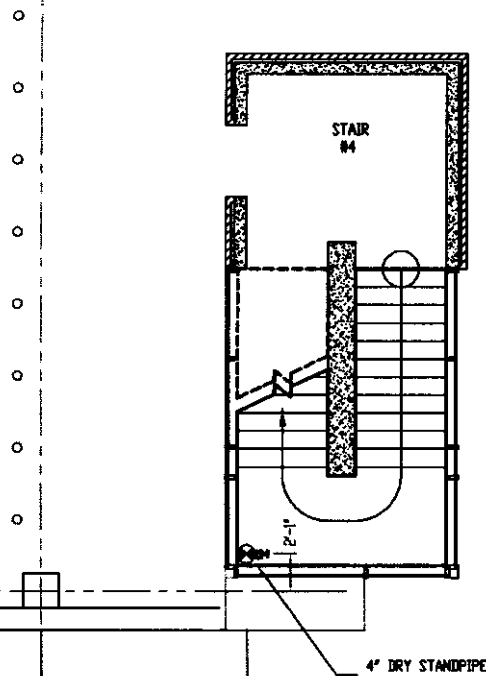
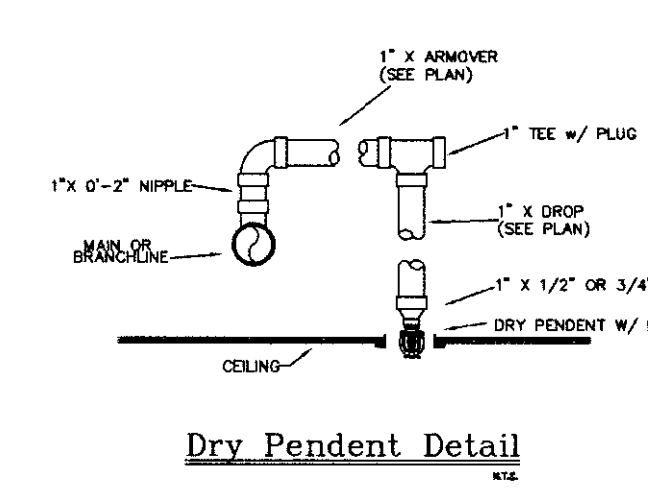
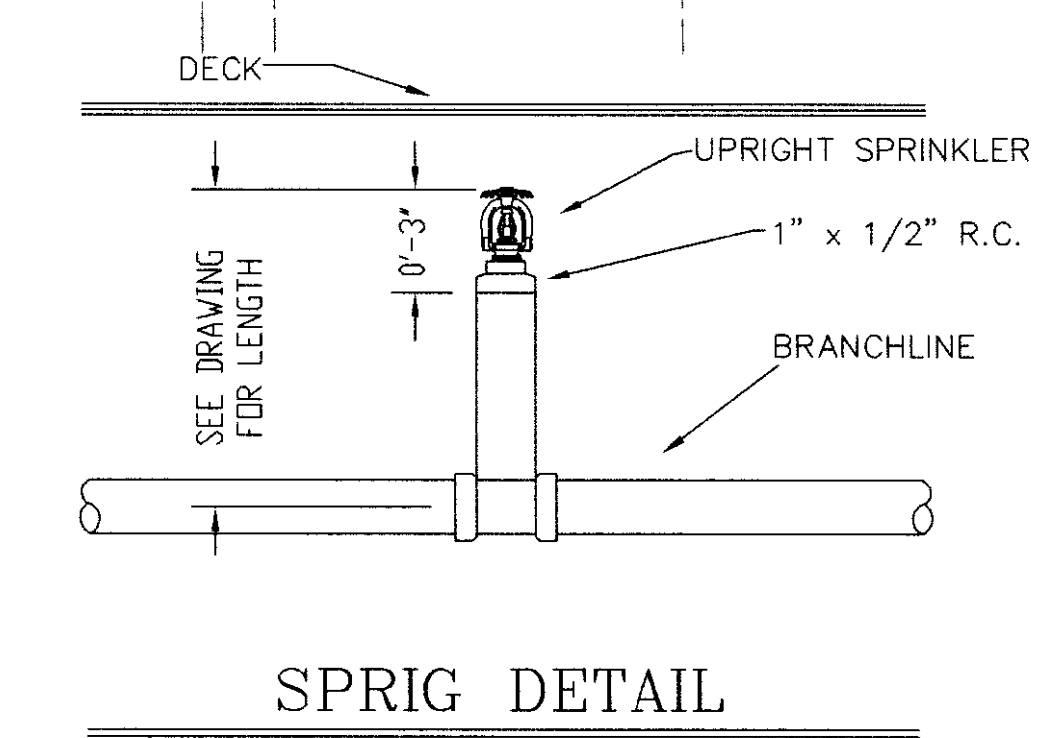
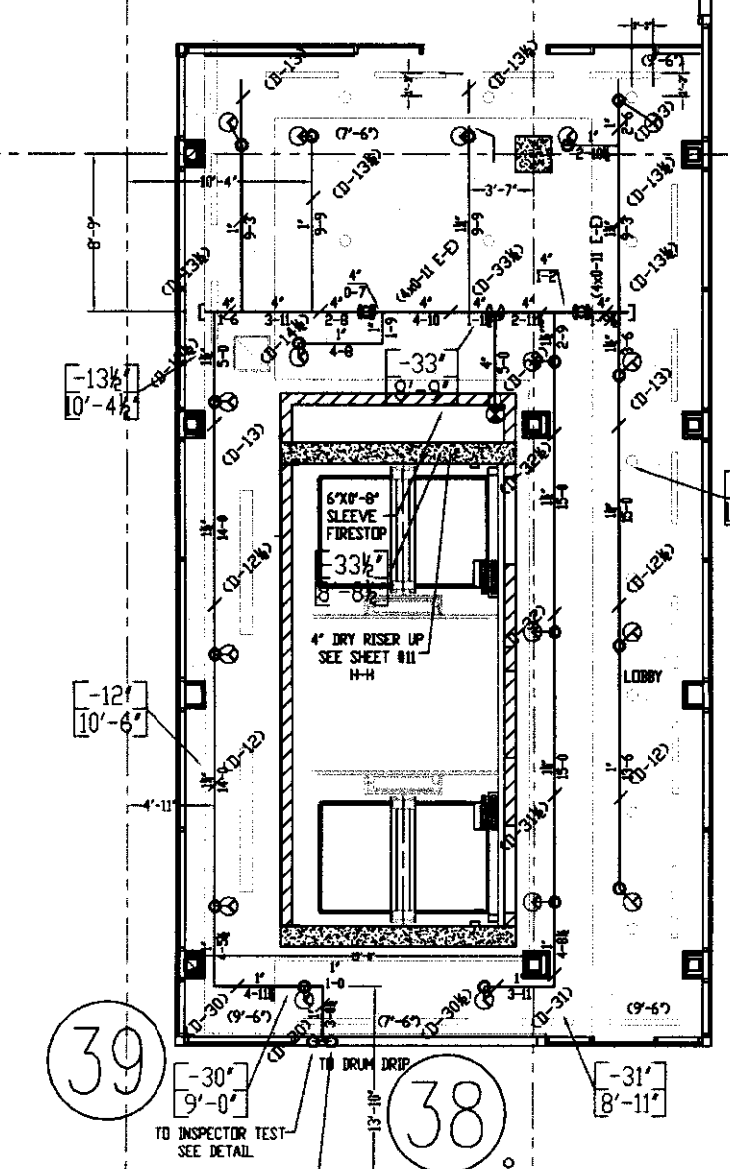
No. of Sprinklers: 11

Scale of Design:

1. DENSITY: 10 GPM/SQ. FT.
2. DESIGNED AREA OF PROTECTION [ENTIRE SQ. FT.] 1100
3. HOSE ALLOWANCE: 100 GPM

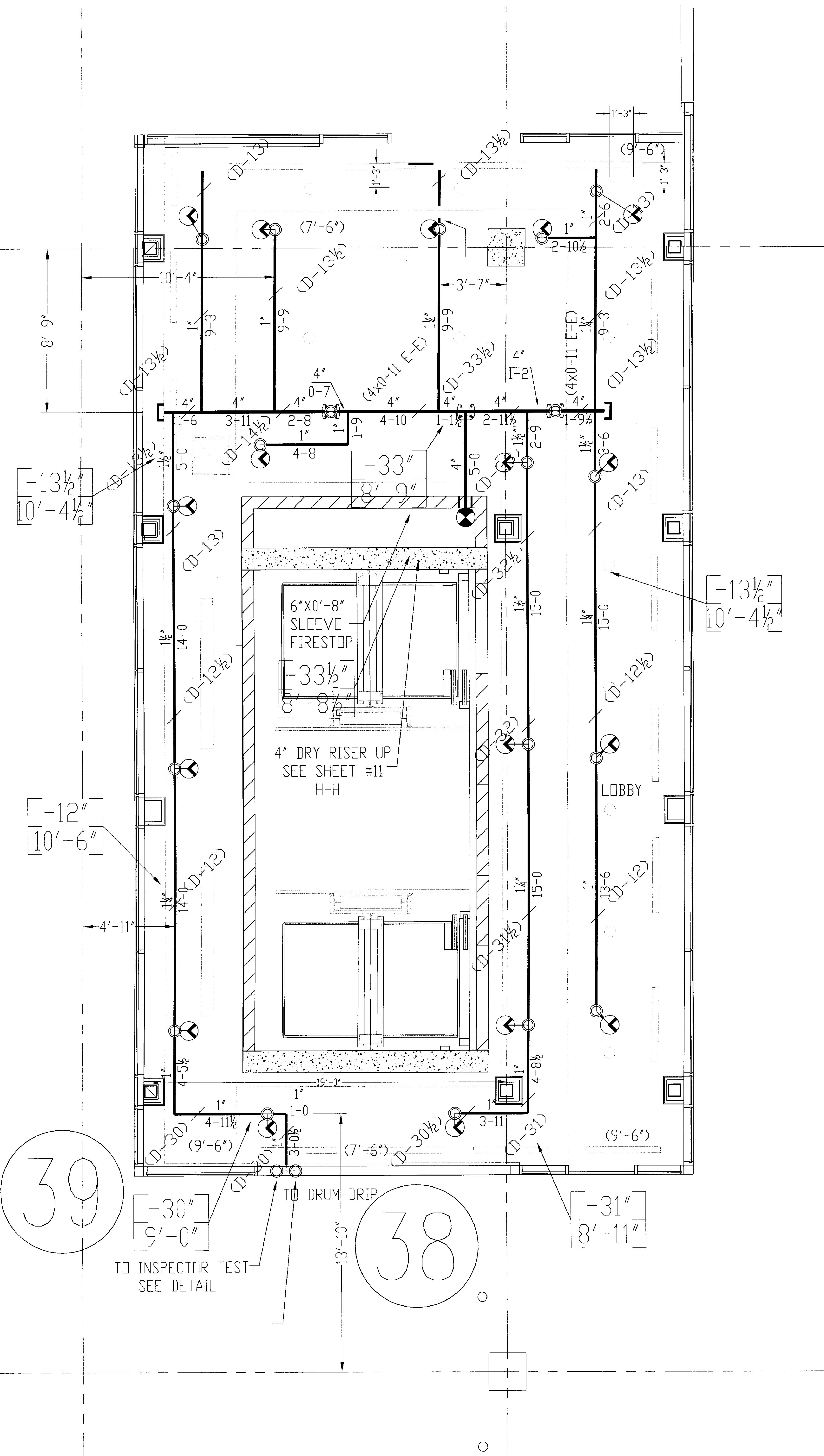
System Demand:

1. GPM DEMAND: 300.1 GPM
2. PRESSURE REQUIRED AT THE BASE OF THE RISER: 55.4 PSI



- GENERAL NOTES
- 1) ALL WORK PER NFPA-13.
 - 2) ALL AFR SIZES PER NFPA-13.
 - 3) ALL HANGERS TO BE SAND HANGERS.
 - 4) ALL AFR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE.
 - 6) FITTINGS (DRY SYSTEM)
 - a) 1/2" - 3/4" TO BE GALVANIZED THREADED FITTINGS.
 - b) 1/2" - 3/4" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - a) 1" - 2" TO BE CAST IRON FITTINGS.
 - b) 2 1/2" - 6" TO BE VICTAULIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED ONLY.
 - 10) FIRE-RATED WALLS NEED TO BE FIRE STOP.
 - 11) PITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1.

UK PATIENT CARE FACILITY GARAGE
 110 TRANSCRIPT AVENUE
 LEXINGTON, KENTUCKY
DALMATIAN FIRE, INC.
 551 WATKINSON TRAIL
 LOUISVILLE, KY 40208
 (502) 267-5511 FAX (502) 267-5571



- GENERAL NOTES
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIZE PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL ATR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE
 - 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/4" TO BE GALVANIZED THREADED FITTINGS
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2"- 6" TO BE VICTAULIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED. ONLY FIRE-RATED WALLS NEED TO BE FIRE STOP.
 - 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPE.
 - 11) PITCH DRY PIPE SYSTEM PER NFPA-13 SECTION 8.15.2.3.1

DALMATIAN FIRE, INC.
HYDRAULIC-SYSTEM

This building is protected by a Hydraulically Designed Automatic Sprinkler System.

Location 6TH LEVEL A

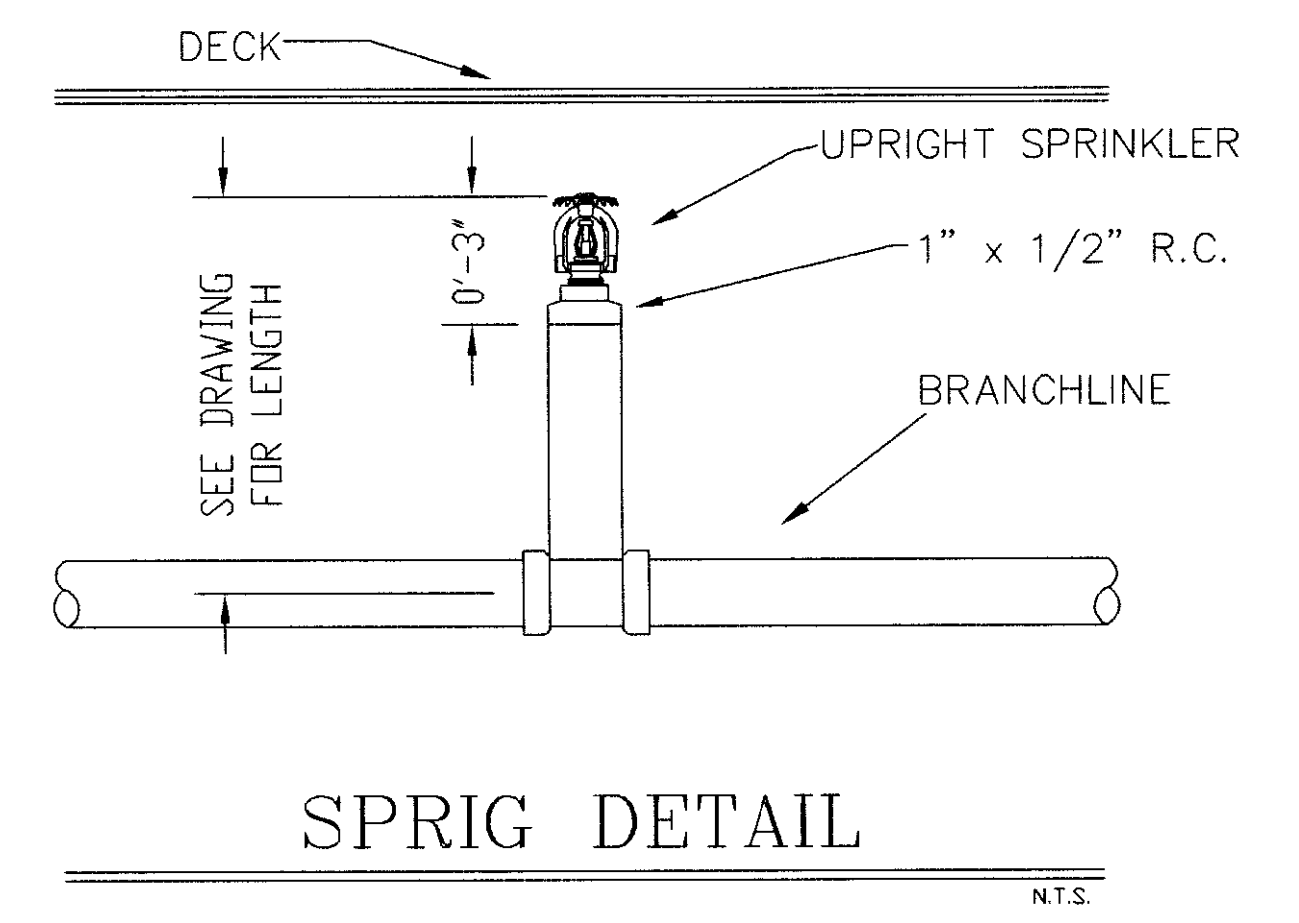
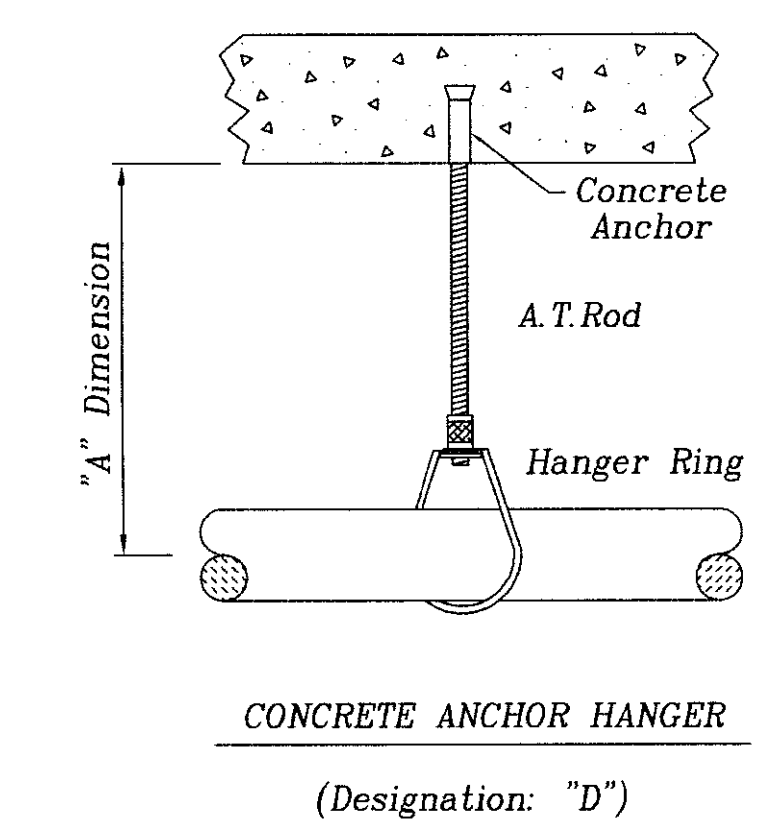
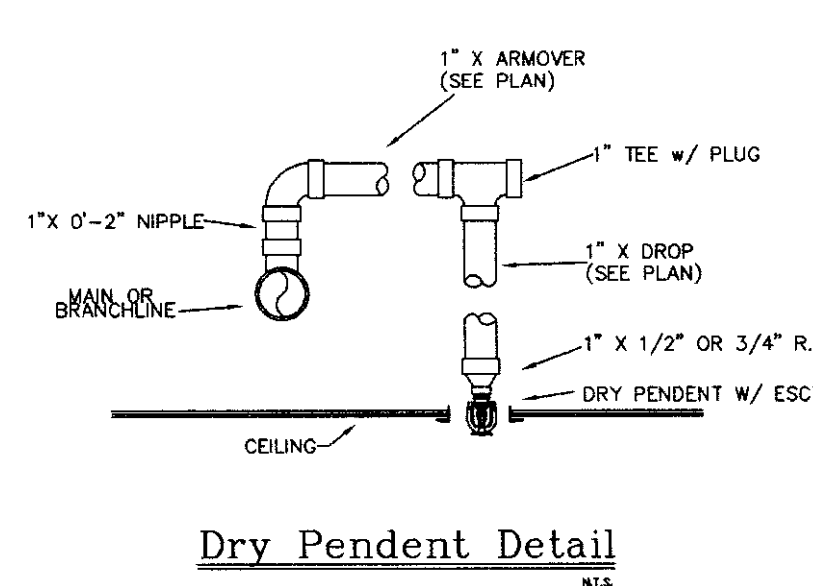
No. of Sprinklers 11

Basis of Design

1. DENSITY .10 GPM/SQ. FT.
2. DESIGNED AREA OF DISCHARGE ENTIRE SQ. FT.
3. LIGHT ORDINARY I ORDINARY II

System Demand

1. GPM DISCHARGE 302.1 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER 55.4 PSI

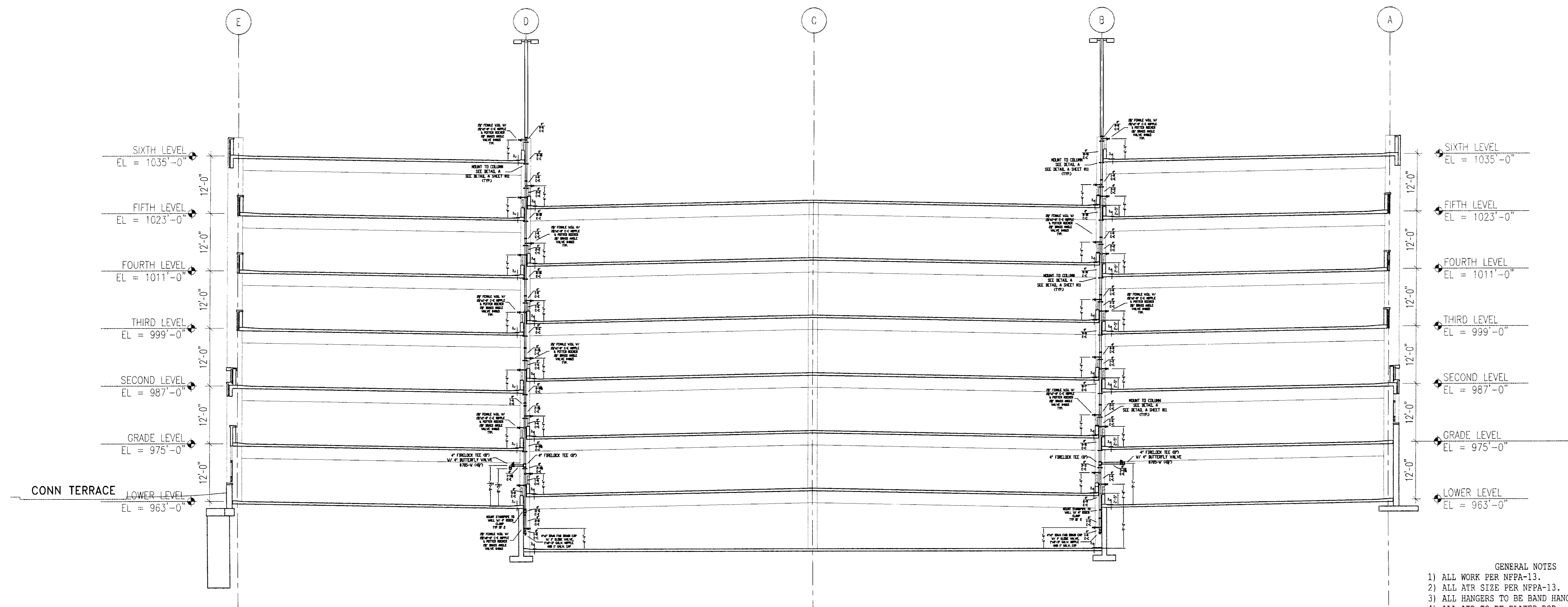


| SPRINKLERS | WANG MODEL # | QTY | DESIGN DATA |
|------------|--------------|-----|---|
| 11 | 11 | 11 | OCCUPANCY, LIGHT HAZARD DENSITY: .10 GPM / ENTIRE SQ. FT. HOSE ALLOWANCE: 100 GPM |
| | | | DATE: NOVEMBER 18, 2005 FLOW TEST: 36 PSI STATIC 68 PSI WET / 1700 GPM FLOWING |
| | | | TOTAL SPRINKLERS THIS SHEET: 11 |

| DATE | BY | CHECKED BY |
|---------|--------------|------------|
| 7/17/06 | D. JACOBS II | UK GARAGE |

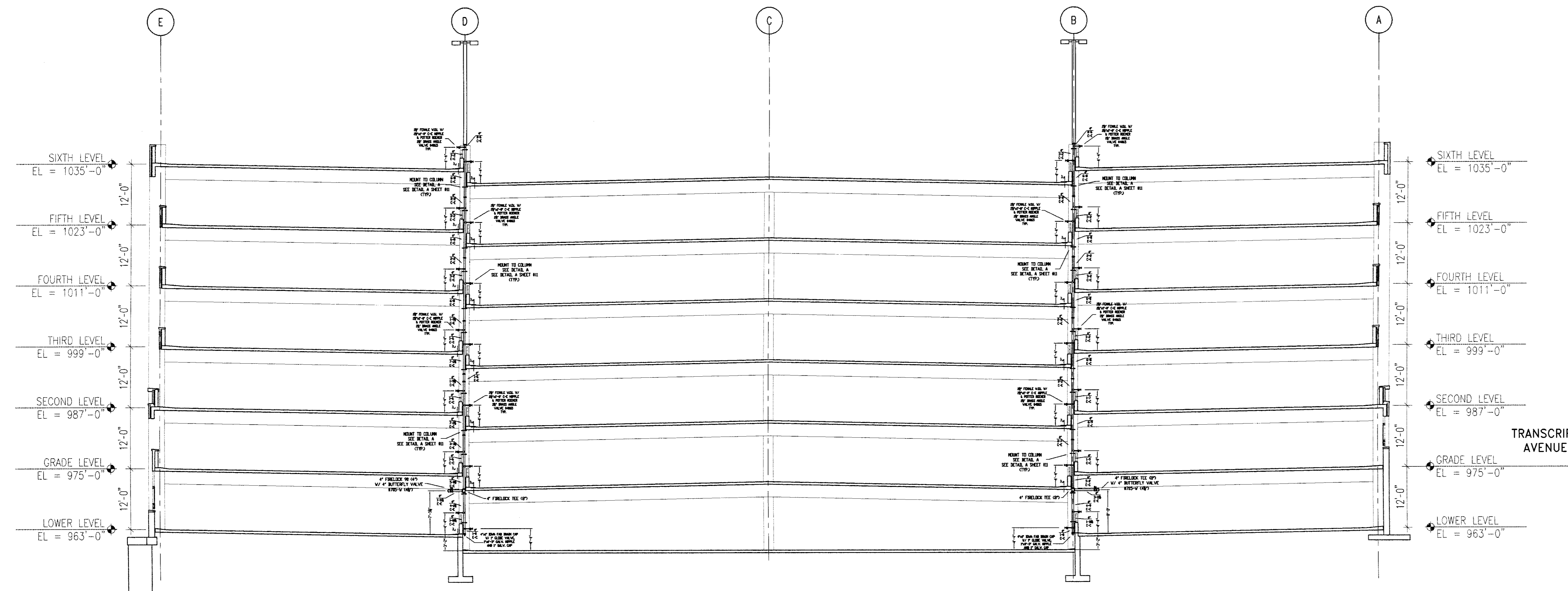
6TH LEVEL FIRE SPRINKLER LAYOUT PLAN
CIBLANE BUILDING COMPANY

UK PATIENT CARE FACILITY GARAGE
110 TRANSCRIPT AVENUE
LEXINGTON, KENTUCKY
DALMATIAN FIRE, INC.
1651 WATKINSON TRAIL
LEXINGTON, KENTUCKY 40503
(502) 267-5511 FAX (502) 267-5571



CROSS SECTION B-B AND D-D
SCALE 3/32" = 1'-0"

- GENERAL NOTES
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIZE PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL ATR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE
 - 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/4" TO BE GALVANIZED THREADED FITTINGS
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2"- 6" TO BE VICTAULIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED. ONLY FIRE-RATED WALLS NEED TO BE FIRE STOP.



CROSS SECTION A-A AND E-E
SCALE 3/32" = 1'-0"

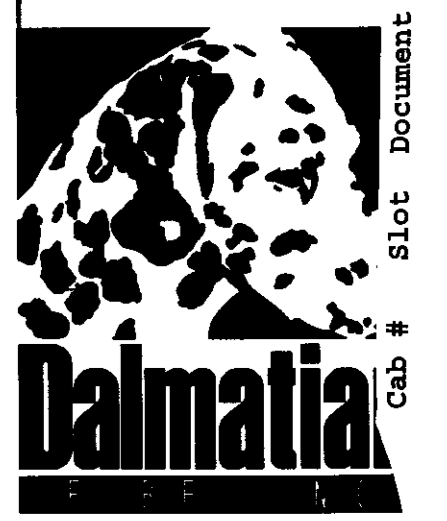
TRANSCRIPT AVENUE

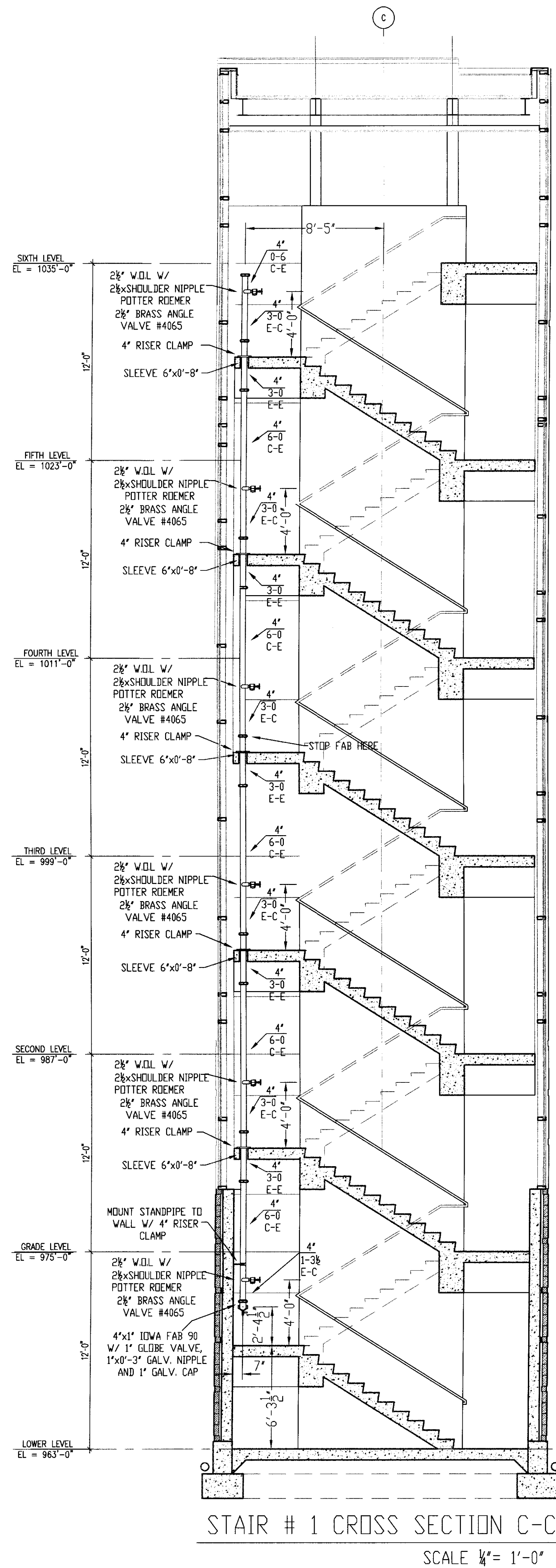
| SPRINKLERS | WING MODEL | QTY | DESIGN DATA |
|------------|------------|-----|-----------------------------|
| | | | OCCUPANCY: GPM / SQ. FT. |
| | | | DENSITY: GPM / SQ. FT. |
| | | | HOSE ALLOWANCE: GPM |
| | | | DATE: NOVEMBER 18, 2005 |
| | | | FLOW TEST: 56 PSI RESIDUAL |
| | | | 68 PSI STATIC |
| | | | 1250 GPM FLOWING |
| | | 0 | TOTAL SPRINKLERS THIS SHEET |

| TITLE: | |
|------------------------------------|--------------------------|
| SECTION FIRE SPRINKLER LAYOUT PLAN | A-A, B-B, D-D, E-E |
| SCALE: | 1/4" = 1'-0" |
| DATE: | 7/17/06 |
| DRAWN BY: | D. JACOBS, II |
| CHECKED BY: | UK GARAGE |
| FILE NAME: | |
| CONTRACT NO.: | 6106 |
| CONTRACT WITH: | GLEBANE BUILDING COMPANY |

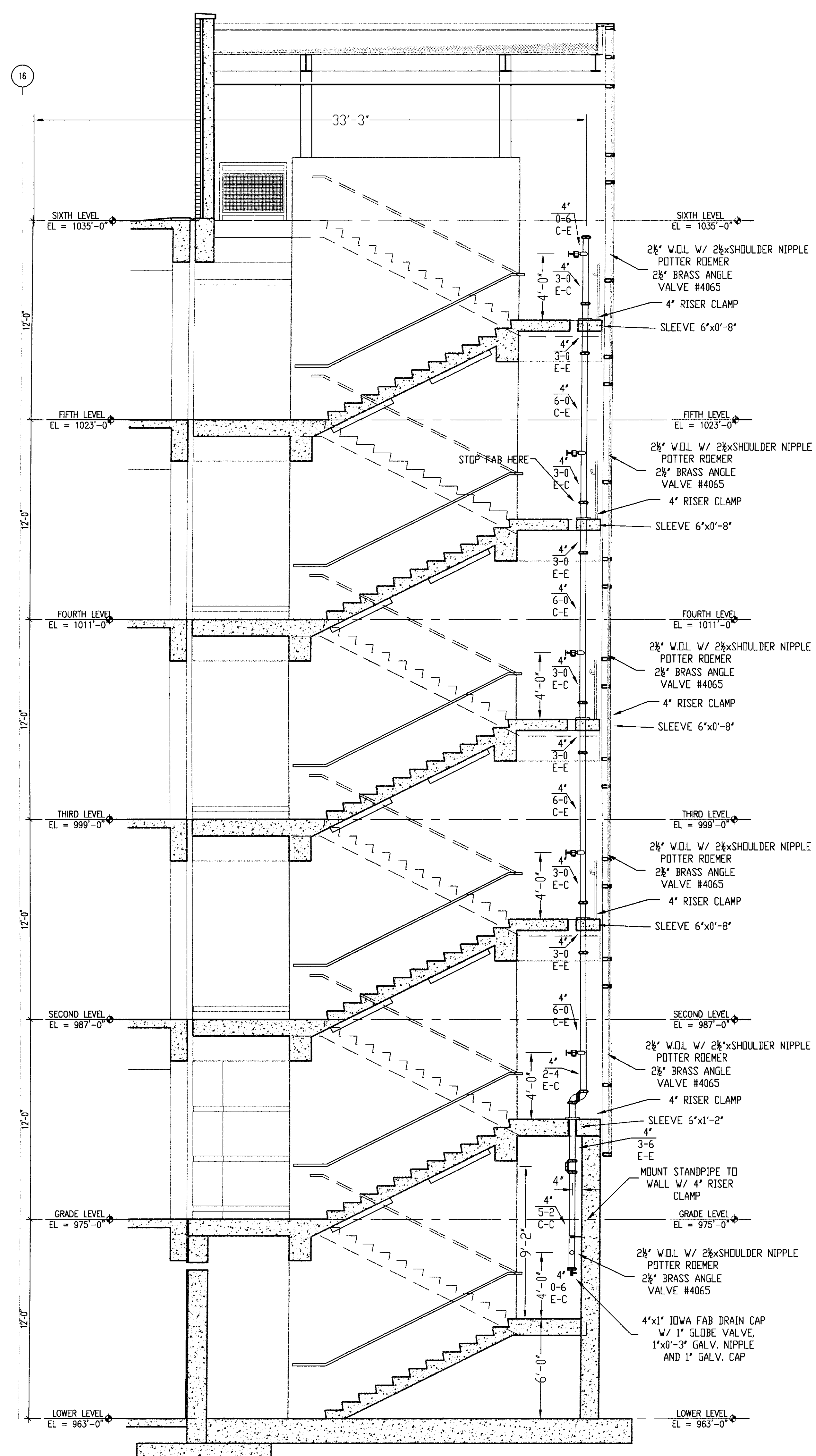
UK PATIENT CARE FACILITY GARAGE
110 TRANSCRIPT AVENUE
LEXINGTON KENTUCKY 40508
DALMATIAN FIRE, INC.
1651 WATERSON TRAIL
LOUISVILLE, KENTUCKY 40299
(502) 297-5511 FAX (502) 297-5571

SHEET No. 9 of 11

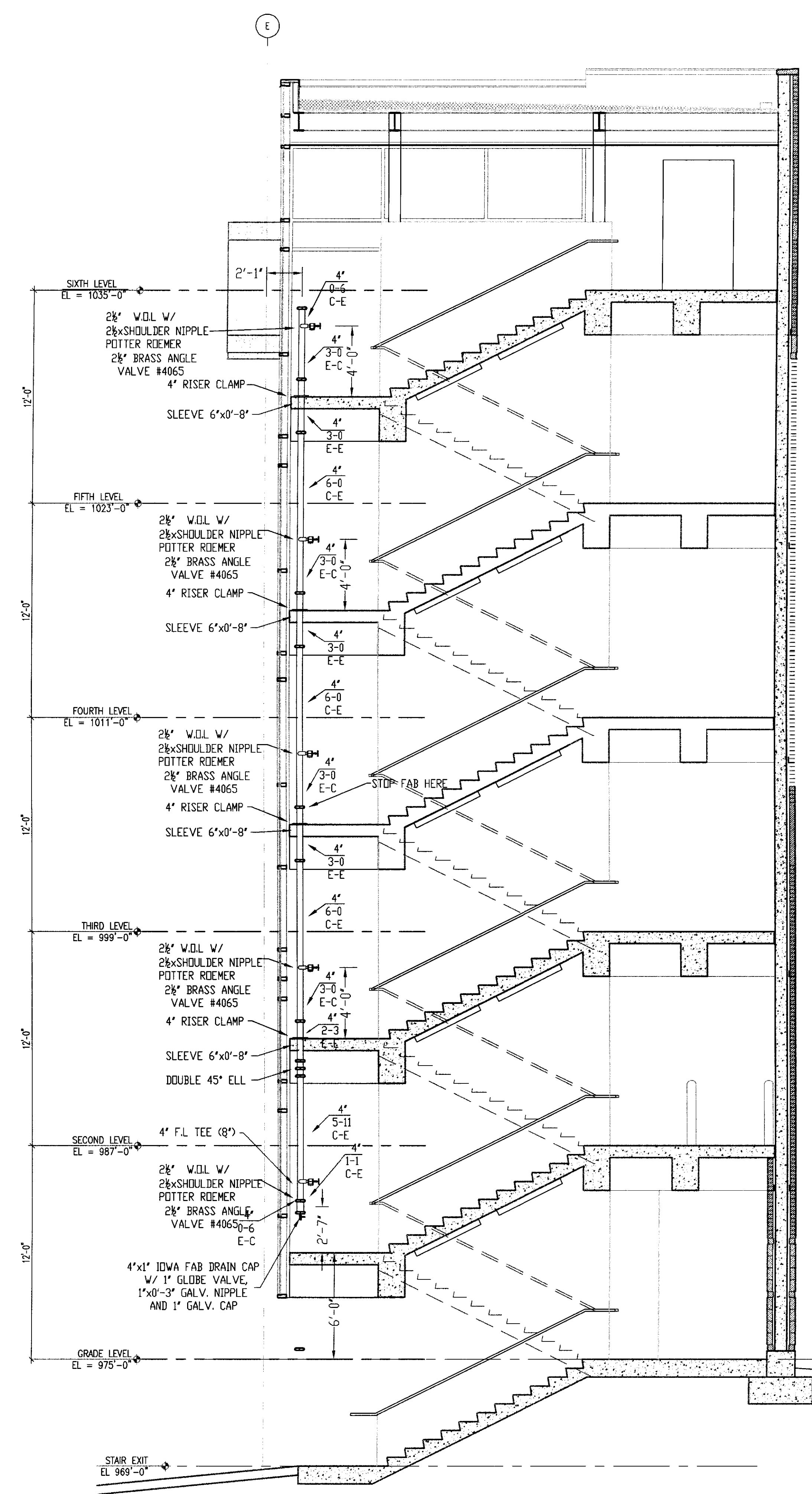




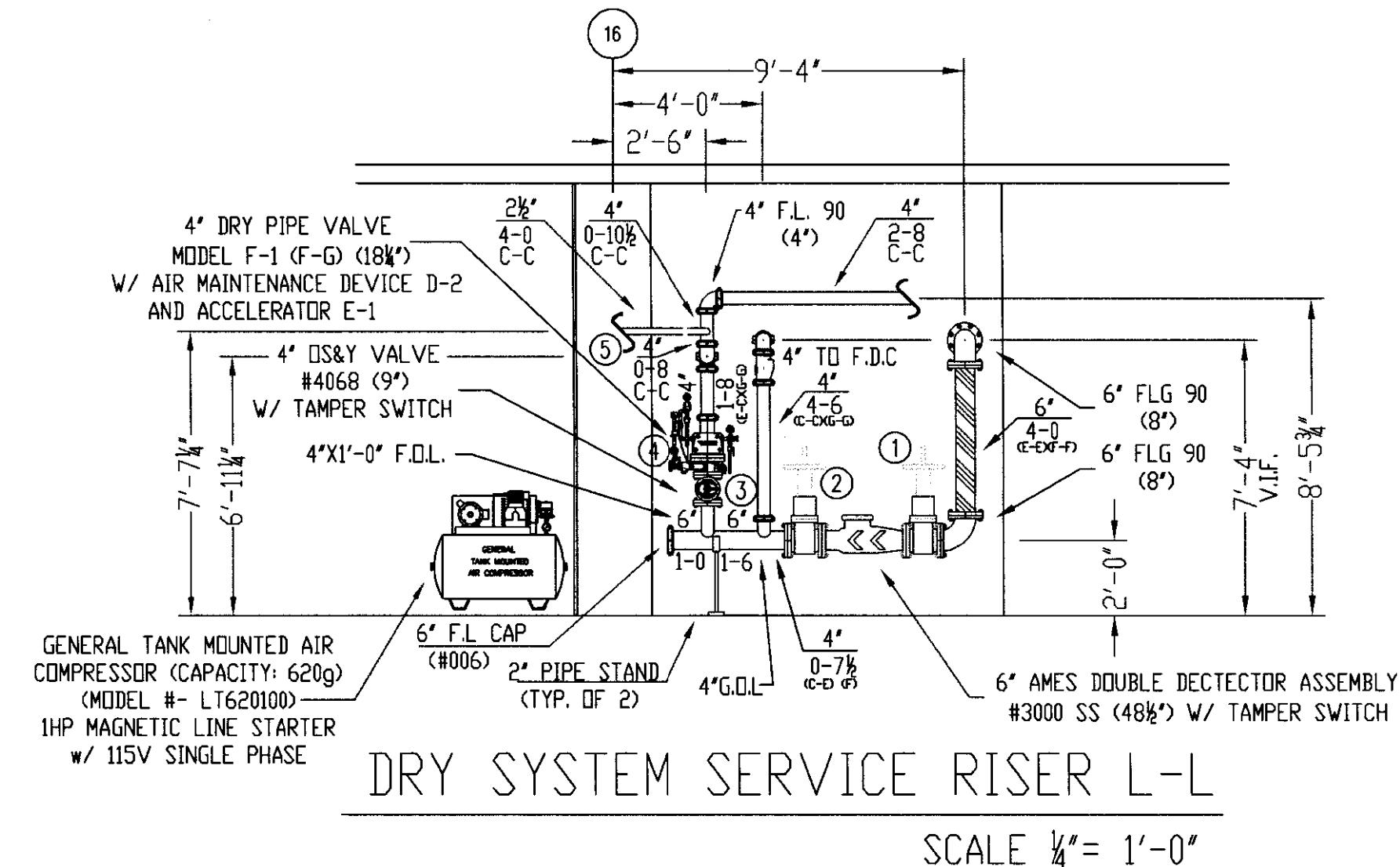
STAIR # 1 CROSS SECTION C-C
SCALE 1/4" = 1'-0"



STAIR # 2 CROSS SECTION F-F
SCALE 1/4" = 1'-0"



STAIR # 4 CROSS SECTION G-G
SCALE 1/4" = 1'-0"

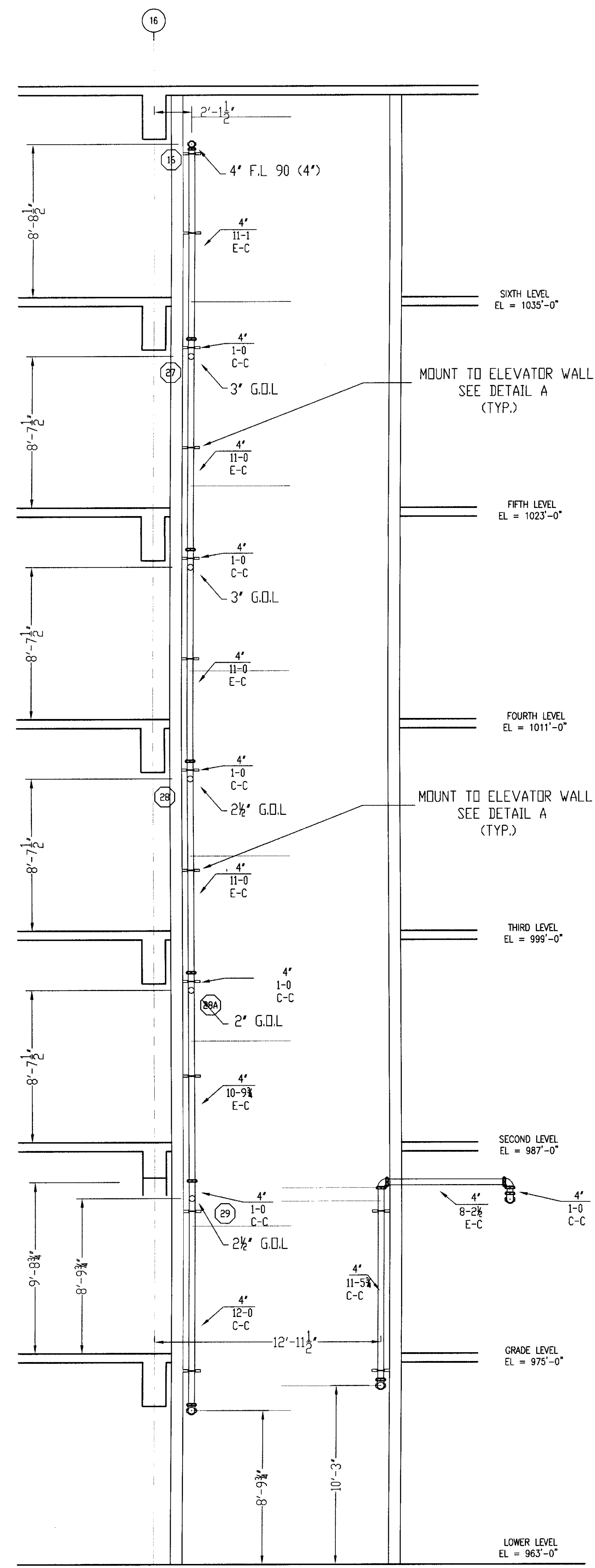


DRY SYSTEM SERVICE RISER L-L
SCALE 1/4" = 1'-0"

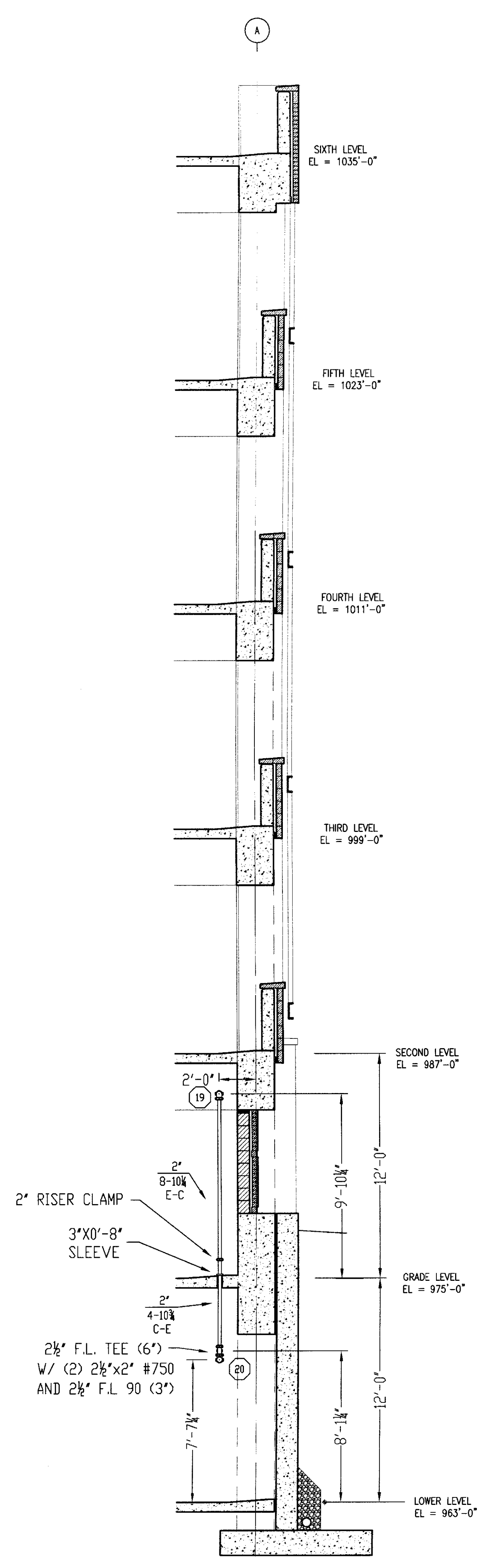
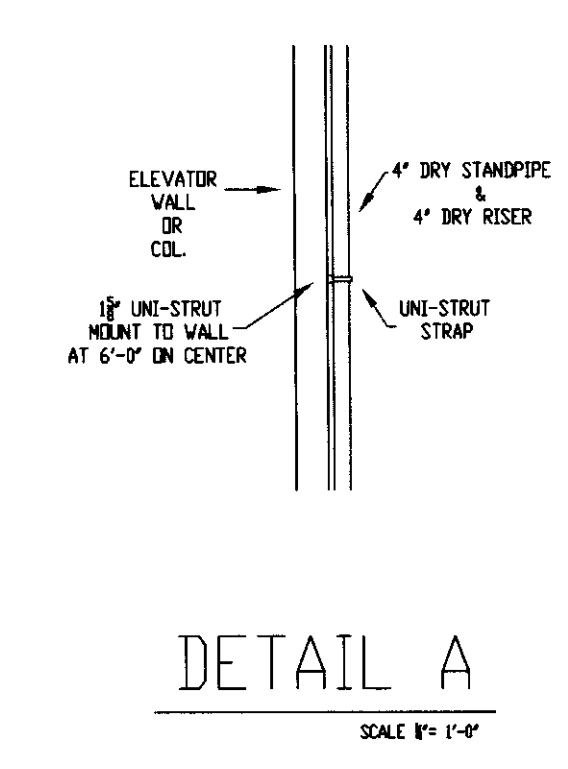
- GENERAL NOTES
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIZE PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL ATR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE
 - 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/4" TO BE GALVANIZED THREADED FITTINGS
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2"-6" TO BE VICTAULIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED. ONLY FIRE-RATED WALLS NEED TO BE FIRE STOP.

| | | | | |
|-----------------------------|------------------------------------|-------------------|---------------|--------------------------|
| TITLE | SECTION FIRE SPRINKLER LAYOUT PLAN | W.K. MODEL M | QTY | DESIGN DATA |
| | C-C-F-F, G-G-L-L | | | |
| SCALE | 1/4" = 1'-0" | DENSITY: | OS. FT. | |
| | | HOSE ALLOWANCE: | GPM | |
| DATE | 7/17/06 | NOVEMBER 18, 2005 | FLOW TEST: | 56 PSI RESIDUAL |
| | | FILE NAME: | BB PSI STATIC | 1700 GPM FLOWING |
| DRAWN BY | D. JACOBS II | CONTRACT NO.: | | 0 |
| | UK GARAGE | CONTRACT WITH: | | CILBANE BUILDING COMPANY |
| TOTAL SPRINKLERS THIS SHEET | | | | |

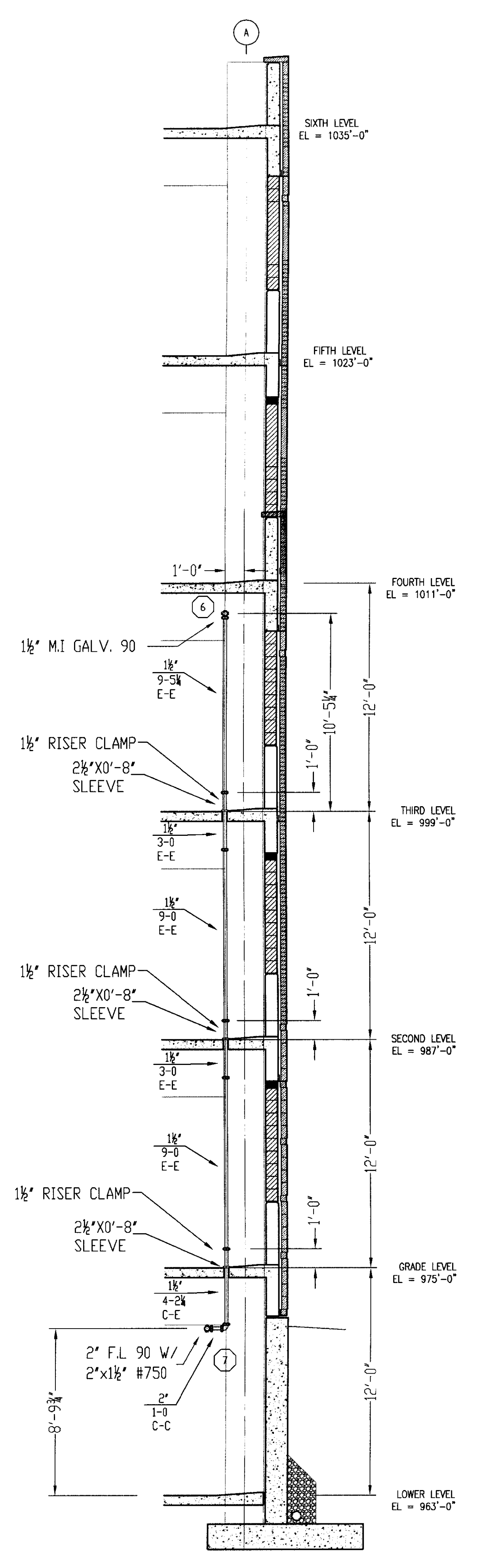
UK PATIENT CARE FACILITY GARAGE
110 TRANSCRIPT AVENUE
LEXINGTON KENTUCKY 40508
DALMATIAN FIRE, INC.
1651 WATSON TRAIL
LOUISVILLE, KENTUCKY 40289
(502) 207-2501 FAX (502) 207-5571



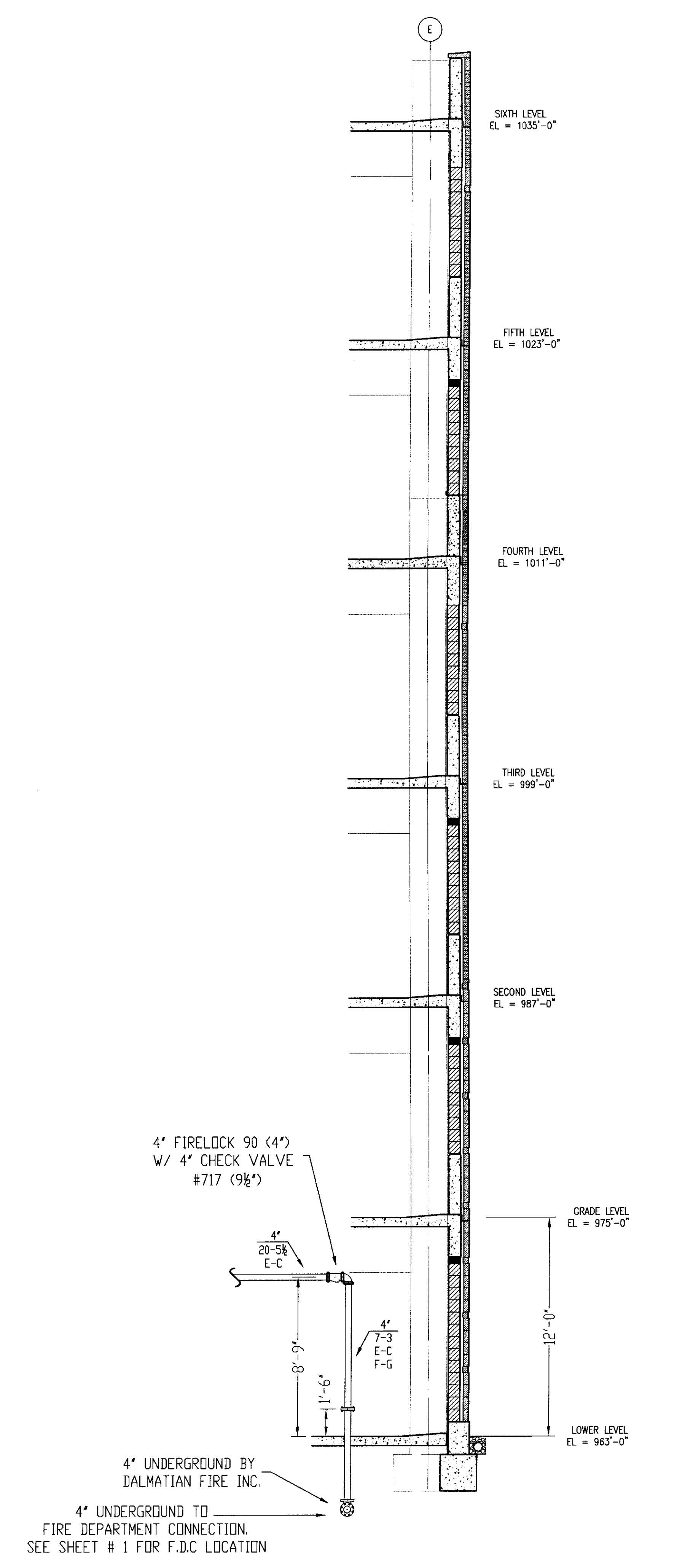
DRY STANDPIPE & DRY RISER H-H
SCALE 1/4" = 1'-0"



DRY RISER J-J
SCALE 1/4" = 1'-0"



DRY RISER I-I
SCALE 1/4" = 1'-0"



DRY STANDPIPE SERVICE RISER K-K
SCALE 1/4" = 1'-0"

- GENERAL NOTES
- 1) ALL WORK PER NFPA-13.
 - 2) ALL ATR SIZE PER NFPA-13.
 - 3) ALL HANGERS TO BE BAND HANGERS.
 - 4) ALL ATR TO BE PLATED ROD.
 - 5) ALL PIPE TO BE GALVANIZED SCHEDULE 40 DRY SYSTEM PIPE
 - 6) FITTINGS (DRY SYSTEM)
 - A) 1"-1 1/4" TO BE GALVANIZED THREADED FITTINGS
 - B) 1 1/2"-6" TO BE GALVANIZED FIRELOCK FITTINGS UNO.
 - 7) ALL PIPING TO BE SCHEDULE 40 BSP (WET SYSTEM) FOR ALL PIPING BETWEEN BACKFLOW AND DRY PIPE VALVE.
 - 8) FITTINGS (WET SYSTEM)
 - A) 1"-2" TO BE CAST IRON FITTINGS.
 - B) 2 1/2"-6" TO BE VICTAOLIC FIRELOCK FITTINGS.
 - 9) ALL BLOCK WALLS TO BE SLEEVED, ONLY FIRE-RATED WALLS NEED TO BE FIRE STOP.
 - 10) ALL SLEEVE TO BE SCHEDULE 40 GALVANIZED PIPE.

| SPRINKLERS | WANG MODEL | QTY | DESIGN DATA |
|-----------------------------|------------|-----|--------------------------------|
| | | | OCCUPANCY: 50. FT. GPM / |
| | | | DENSITY: GPM / |
| | | | HOSE ALLOWANCE: GPM |
| | | | DATE: NOVEMBER 18, 2005 |
| | | | FLOW TEST: 56 PSI RESIDUAL |
| | | | 68 PSI STATIC 1700 GPM FLOWING |
| TOTAL SPRINKLERS THIS SHEET | | | 0 |