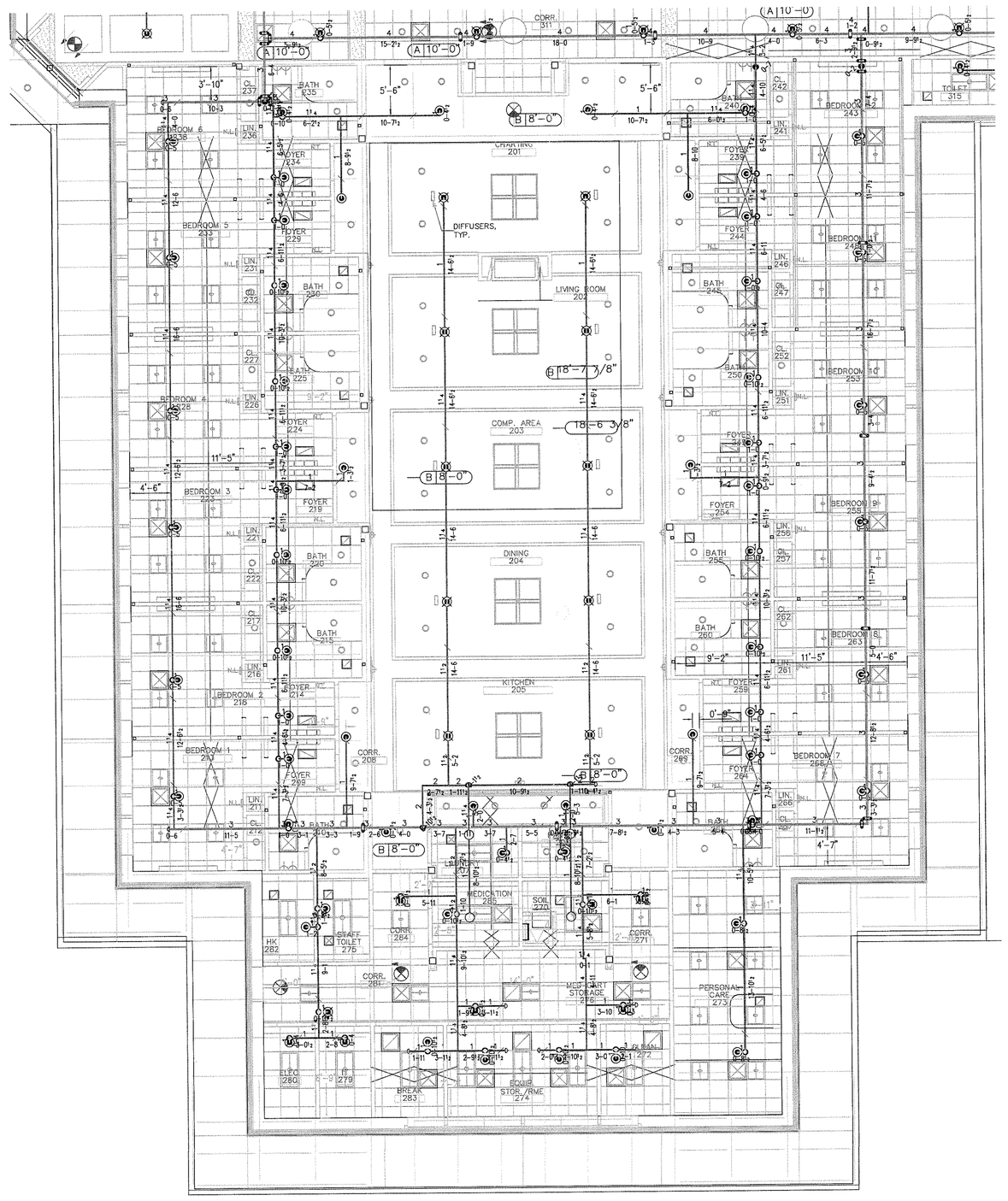
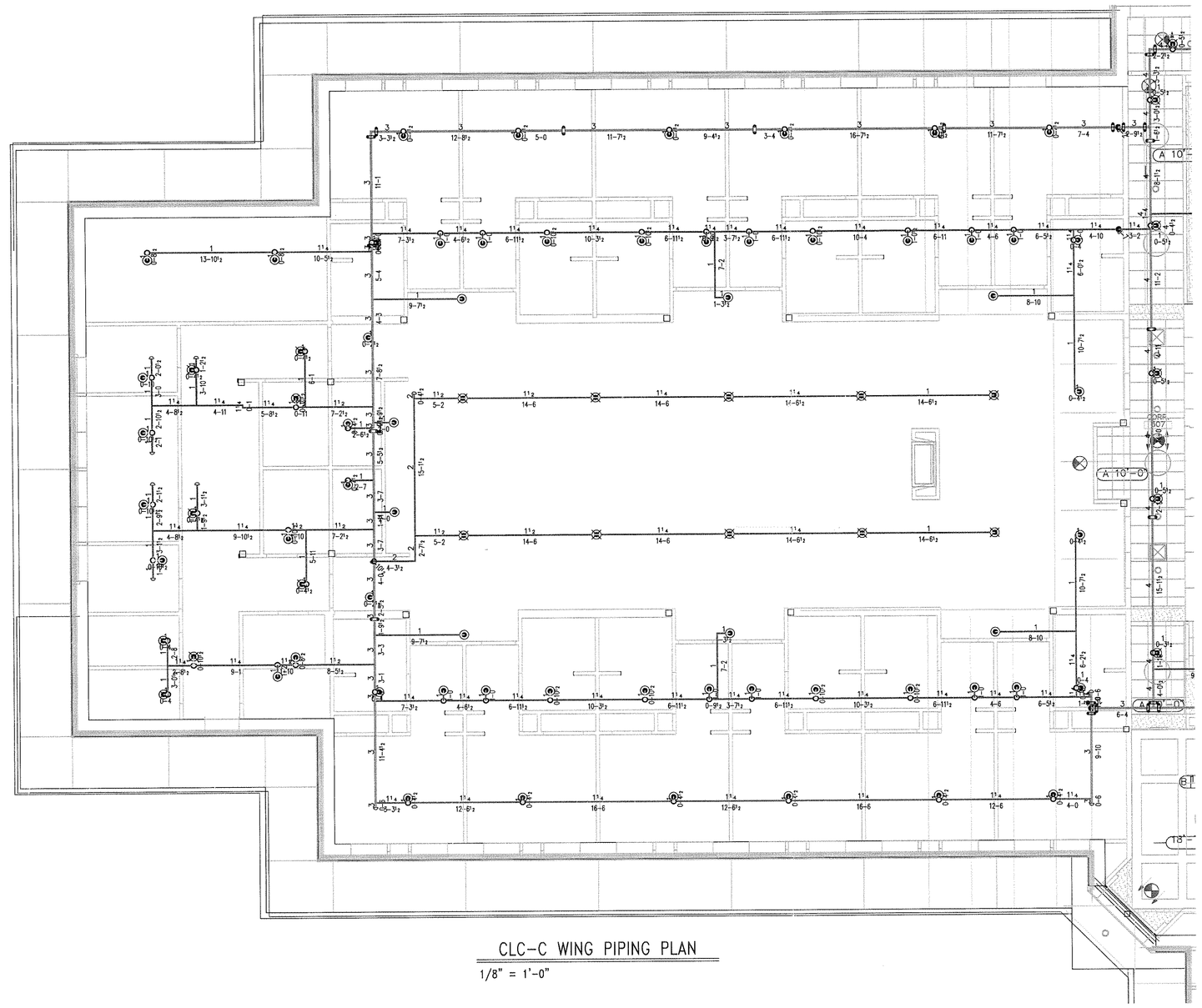


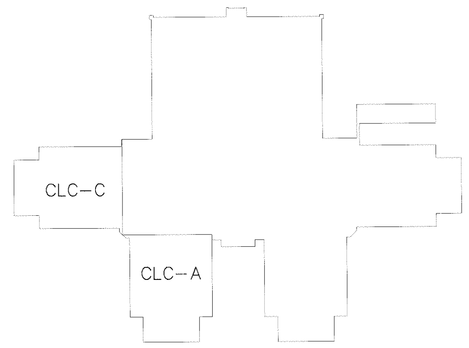
CLC-A WING PIPING PLAN

1/8" = 1'-0"



CLC-C WING PIPING PLAN

1/8" = 1'-0"



KEY PLAN

AS BUILT

GENERAL NOTES

THIS SYSTEM IS DESIGNED AND TO BE FABRICATED AND INSTALLED IN STRICT ACCORDANCE WITH ALL N.F.P.A., STATE AND LOCAL CODES AND REQUIREMENTS

ALL MATERIAL AND EQUIPMENT TO BE UL LISTED AND/OR FACTORY MUTUAL APPROVED

ALL MAIN PIPING TO BE BLACK, ROLL GROOVE, SCHEDULE 10 WITH WELDED OUTLETS AND GROOVED FITTINGS AND COUPLINGS UNLESS NOTED OTHERWISE

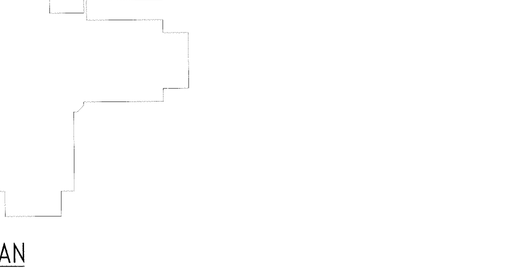
ALL LINE PIPING TO BE BLACK, THREADED, SCHEDULE 40 WITH BLACK, CLASS 125 THREADED FITTINGS

ALL PIPE DIMENSIONS ARE CUT LENGTH UNLESS NOTED OTHERWISE

LIGHT HAZARD AREA DESIGNED TO PROVIDE A DENSITY OF .10 GPM/SQ FT OVER 1500 SQ FT AREA WITH 100 GPM HOSE ALLOWANCE

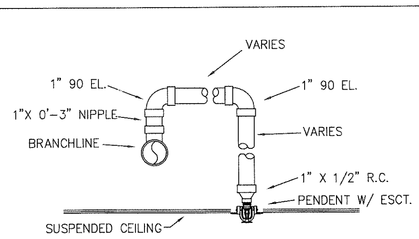
ORDINARY HAZARD AREA DESIGNED TO PROVIDE A DENSITY OF .15 GPM/SQ FT OVER 1500 SQ FT AREA WITH 250 GPM HOSE ALLOWANCE

ALL HEAD ELEVATIONS TO BE 9'-0" UNLESS NOTED OTHERWISE



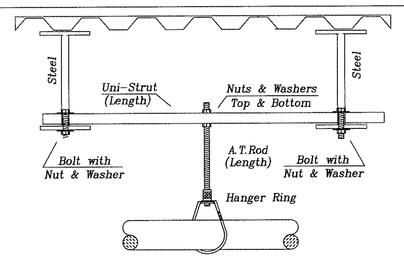
TYPICAL #01 HANGER

NO SCALE



TYP. RETURN BEND ASSEMBLY

NO SCALE



TYPICAL #02 HANGER

NO SCALE

STATE OF GEORGIA
CERTIFICATE OF COMPETENCY
#CC000686

GREGORY P THOMPSON, JR.

ATCO FIRE PROTECTION
CONTRACTORS LICENSE NUMBER
CL000385

SYSTEM INFO

SYSTEM NAME/NO.	SYSTEM TYPE	VALVE SIZE	SYSTEM AREA
1	WET	4"	
2			
3			
4			
5			

CONTRACT NAME:
THE TRINKA DAVIS VETERANS VILLAGE
180 MARTIN DRIVE
CARROLLTON, GA 30117

CONTRACT WITH: RK REDDING CONSTRUCTION

DESCRIPTION: CLC-A & CLC-C WINGS

DRAWING FILE: C:\ATCO10\10\rev_11-9.dwg

HYDRAULIC DESIGN DATA

REM. AREA NAME/NO.	HAZARD CLASSIFICATION	DENSITY GPM/SQ.FT.	AREA OF APPLIC.	HOSE ALLOW.	SQ. FT. /HD.	TOTAL SYSTEM REQUIREMENTS GPM	PSI	AT

WATER SUPPLY INFORMATION: STATIC PRESSURE 80 PSI. RESIDUAL PRESSURE 65 PSI. WITH 1267 GPM FLOWING

TEST LOCATION: BY: TEST DATE:

ATCO FIRE PROTECTION

P.O. Box 1052
ROME, GA 30168
PHONE: (706) 235-2811 FAX: (706) 235-2812
FIRE PROTECTION SYSTEMS - CONSULTANTS - DESIGN
FABRICATION - SALES - SERVICE

TOTAL PROJECT HEADS: 612

HEADS THIS SHEET: —

SCALE: 1/8" = 1'-0", U.O.N.

DRAWN BY: JOE BURFORD

CHECKED BY:

THESE PLANS PREPARED AT: ROME ENGINEERING DEPARTMENT

CONTRACT NO:

DATE:

PLOT DATE: 05/11/2012

DRAWING NO. 3 of 5

IMPORTANT

IN LOCALITIES SUBJECT TO FREEZING CONDITIONS, IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE HEAT THROUGHOUT WET PIPE SPRINKLER SYSTEM AREAS AND IN ENCLOSURES FOR DRY PIPE, DELUGE AND OTHER TYPES OF VALVES CONTROLLING WATER SUPPLIES TO SPRINKLER SYSTEMS.

THIS DRAWING AND THE INFORMATION AND DESIGN APPLICATION HEREIN CONTAINED IS THE PROPERTY OF ATCO FIRE PROTECTION AND/OR ITS SUBSIDIARIES AND IS LOANED UPON EXPRESS CONDITIONS THAT THE SAME BE RETURNED TO FTP UPON REQUEST; ALL INFORMATION HEREIN CONTAINED SHALL BE TREATED AS SECRET, AND CONFIDENTIAL NO REPRODUCTION OF THIS DRAWING OR ANY PART THEREOF SHALL BE MADE WITHOUT WRITTEN CONSENT OF ATF.

CREATED BY ATCO FIRE PROTECTION "ALL RIGHTS RESERVED".

SYMBOLS

- CEILING HT. ABOVE REF.
- C/L OF PIPE BELOW REF
- C/L OF PIPE ABOVE REF.
- HYDRAULIC REF. POINT
- LINE DESIGNATION
- MAIN DESIGNATION
- HANGER
- UNION
- COUPLING
- CAP
- SCREWED PLUG
- GATE VALVE(SEE NOTES)
- FIRE HOSE ASSEMBLY
- FLOW SWITCH (FS)
- MONITOR SWITCH
- BUTTERFLY VALVE
- ALARM VALVE (ALV)
- DRY PIPE VALVE (DPV)
- WAFER CHECK VALVE
- SWING CHECK VALVE
- SYSTEM RISER
- INSPECTOR'S TEST
- GLOBE VALVE
- ELECTRIC BELL
- WATER MOTOR GONG (WMG)
- FIRE DEPT.CONN.(STANDARD)
- FIRE DEPT.CONN.(FLUSH)
- FIRE DEPT.CONN.(SIDEWALK)
- POST INDICATOR VALVE (PIV)
- KEY GATE SECTIONAL VALVE WITH ROADWAY BOX
- FIRE HYDRANT (3 WAY)
- THRUST BLOCK
- 2 WAY SEISMIC BRACING
- 4 WAY SEISMIC BRACING

SPRINKLERS/NOZZLES

MANUF.	MODEL	STYLE	SIN	NPT	K	ORIFICE	TEMP(° F)	RESPONSE	FINISH	ESCUTCHEON	NOTES	SYMBOL	QTY.
VIKING	MICROFAST	PEND	VK302	1/2"	5.6	1/2"	155	QUICK	CHROME	RECESSED		◉	389
VIKING	MICROFAST	PEND	VK602	3/4"	8.0	17/32"	155	QUICK	CHROME	RECESSED	EXTENDED COVERAGE	⊠	190
VIKING	ECOH	PEND	VK534	3/4"	11.2	5/8"	155	STANDARD	CHROME	RECESSED	EXTENDED COVERAGE	◉	14
VIKING	MICROFAST	DRY PEND	VK180	1"	5.6	1/2"	155	QUICK	CHROME	RECESSED		◉	6
VIKING	MICROFAST	UPRIGHT	VK300	1/2"	5.6	1/2"	200	QUICK	BRASS	N/A		○	13
											TOTAL THIS SHEET		612

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BOB	BOTTOM OF BEAM
BOCT	BOTTOM OF CONC. TEE
BOD	BOTTOM OF DECK
BOP	BOTTOM OF PURLIN
BOT	BOTTOM OF TRUSS
FDC	FIRE DEPT. CONNECTION
HV	HOSE VALVE
N&C	NIPPLE AND CAP
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PRV	PRESSURE REG. VALVE
RM	ROOF MANIFOLD
SP	STANDPIPE
TOB	TOP OF BEAM
TOP	TOP OF PIPE
TOS	TOP OF STEEL
TOT	TOP OF TRUSS

APPROVALS

OUT ____ IN ____ OUT ____ IN ____ OUT ____ IN ____

REVISIONS

NO.	DATE	BY	REVISION DESCRIPTION