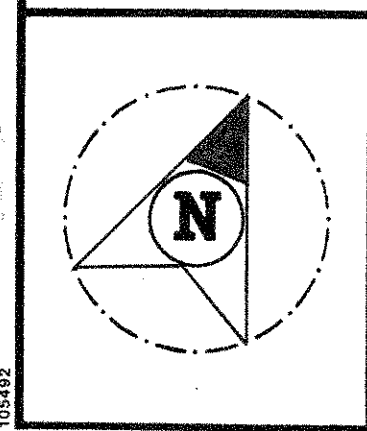


**DRY SYSTEM CAPACITIES**  
 SPRINKLER SYSTEM 1148 GALS  
 HOSE SYSTEM 253.7 GALS

**TIPPING FLOOR SPRINKLER & HOSE SYSTEM PLAN**

- GENERAL NOTES**
1. ALL PIPING TO BE ASTM A53 GRADE A SCHEDULE 40 DOMESTIC
  2. ALL FITTINGS FOR 1" THRU 2" PIPE TO BE MALLEABLE 150# THREADED, ALL FITTINGS 2-1/2" THRU 6" TO BE GROOVE TYPE.
  3. HANGERS AS PER DETAILED ON DRAWING
  4. INDICATES HYDRAULIC REFERENCE POINT

*Approved Subject to comment by consultant KES 7-16-87*



**IMPORTANT**  
 In localities subject to freezing conditions, it is the owner's responsibility to provide heat throughout wet pipe sprinkler systems areas and in enclosures for dry pipe and other types of valves controlling water supplies to sprinkler systems.  
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CONTRACT RESPONSIBILITIES	
ITEM	G.F.P.S. OTHERS
STREET WATER CONNECTION	
UNDERGROUND WATER MAINS	
EXCAVATION	
BACKFILL	
WIRING	
PAINTING	

REFERENCE DWGS.	

MATERIAL REQUIRED	
PIPING	FEET
INTERIOR	
UNDERGROUND	
NO. OF DROPS	

SPRINKLERS	
TYPE	QTY.
	246
TOTAL THIS SHEET	246

SYMBOLS	
	Hydraulic Reference Point
	Line Disruption
	OS & Y Gate Valve (OS & Y)
	Flow Switch (FS)
	Monitor Switch
	Butterfly Valve
	Main Disruption
	Earthquake Bracing 2 & 4 Way
	Hanger
	Union
	Screwed Cap
	Grounded Cap
	Screwed Plug
	Elevation Change in Pipe (not thru floor)
	Gate Valve - N.R.S. (GV)
	OS & Y Gate Valve (OS & Y)
	Flow Switch (FS)
	Monitor Switch
	Butterfly Valve
	Alarm Valve (ALV)
	Electric Bell
	Water Motor (W/M)
	Water Check Valve
	Spring Check Valve
	System Riser
	Fire Dept. Conn. (Standard) (FDC)
	Fire Dept. Conn. (Flush) (FDC)
	Fire Dept. Conn. (Sidelock) (FDC)
	Fire Hydrant (3 Way)
	Throat Block
	Key Gate Sectional Valve
	Fire Hose Assembly (see notes)
	Inspector Test
	Ground Coupling (GC)
	Flanged Connection
	Angle Valve
	Dry Pipe Valve
	Bottom of Deck
	Bottom of Pipe
	Ditto
	Nipple and Cap
	Not in Contract
	Open Bar Joint
	Pressure Feed Valve
	Riser Manifold
	Standpipe
	Top of Beam
	Top of Pipe
	Top of Shell
	Union Otherwise Noted

ABBREVIATIONS	
BOB	Bottom of Beam
BOP	Bottom of Pipe
CO	Circle
N/C	Nipple and Cap
NIC	Not in Contract
N/S	Not in Scope
OBJ	Open Bar Joint
PFV	Pressure Feed Valve
RM	Riser Manifold
SP	Standpipe
TOP	Top of Beam
TOP	Top of Pipe
TOR	Top of Shell
UN	Union Otherwise Noted

SYSTEM TYPE	
WET	<input type="checkbox"/> DELUGE <input type="checkbox"/> PREACTION
DRY	<input type="checkbox"/> PREACTION

HAZARD CLASSIFICATION	
HAZARD CLASSIFICATION	ORD. GEP III
HAZARD DENSITY	.25
HAZARD AREA	28,800
HAZARD PERIMETER	1,486.4
HAZARD VOLUME	500
HAZARD WEIGHT	12.99
HAZARD TEMPERATURE	12.99
HAZARD PRESSURE	12.99
HAZARD STATIC PRESSURE	12.99
HAZARD FLOWING	12.99
HAZARD RESIDUAL PRESSURE	12.99
HAZARD TEST	12.99

**GRINNELL FIRE PROTECTION SYSTEMS**

CONTRACT NAME: **HARTFORD COUNTY RESOURCE RECOVER FACILITY**

DESCRIPTION: **TIPPING FLOOR SYS**

SCALE: **1/8" = 1'-0"**

DATE: **8 JULY 87**

DRAWN BY: **MIKE BELL**

CHECKED BY: **43-DVE**

CONTRACT NO: **01-3878678-52**