



HYDRAULIC DESIGN DATA

AREA OR ITEM PROTECTED	DENSITY CPM/SO.FT.	AREA OF APPLICATION SQ.FT.	TOTAL WATER DEMAND G.P.M.	PRESSURE BASE-RISER P.S.I.
EAST SYSTEM NO.1	.25	4,000	1,796	81.1
WEST SYSTEM NO.2	.25	4,000	1,821	66.9
1978 ADDITION	.20	4,000	1,420.6	98.3
1981 ADDITION	.25	4,000	1,228.1	92.3
1985 ADDITION	.25	4,000	2,071.6	83.4
FOAM ROOM	.48	2,500	2,295.1	84.3

- LEGEND**
- PRIVATE WATER MAIN
 - FIRE DEPARTMENT CONNECTION
 - POST INDICATOR GATE VALVE
 - INDICATOR VALVE - 0.5 S.Y.
 - HOSE WARE
 - PRIVATE HYDRANT, FROST PROOF
 - WALL HYDRANT
 - FIRE DEPARTMENT CONNECTION & CHECK VALVE
 - HOSE CONNECTION
 - UNSPRINKLERED BUILDING
 - OPEN SPRINKLER
 - AUTOMATIC FIRE ALARM
 - ORDINARY NON-RISING STEM GATE VALVE
 - VALVE IN FIT
 - CHECK VALVE
 - SPRINKLER RISER
 - ALARM CHECK VALVE
 - WATER FLOW INDICATOR
 - DRY VALVE
 - DELUGE VALVE
 - HOSE CONNECTION
 - SPRINKLERED BUILDING
 - UNSPRINKLERED BUILDING
 - OPEN SPRINKLER
 - AUTOMATIC FIRE ALARM
 - PUBLIC FIRE ALARM BOX
 - FIRE RESISTIVE OR HEAVY NON-COMB. CONST.
 - COMBUSTIBLE OR NON-COMBUSTIBLE CONST.
 - PARAPETED MALL - PLAN
 - MASONRY
 - FIRE DOOR
 - BRICK OR CONC. CHIMNEY
 - ELEVATOR
 - STAIRS
 - TRANSFORMER
 - WOOD ROOF & FLOOR FRAMING OF FINISHED WOOD ROOF & FLOOR (OPEN JOIST) SHEATHING
 - PARAPETED MALL - CONCRETE ROOF, FLOOR & WALL INDICATED BY HEAVY LINE
 - IN ROOM SPRINKLER
 - TRANSFORMER
 - NUMBER OF STORIES IN LOWER LEFT CORNER

COLOR KEY

BROWN - FIRE RESISTIVE, PROTECTED STEEL
 GREEN WITH YELLOW CENTER - FIRE RESISTIVE EXCEPT WOOD ROOF OR WOOD FLOOR
 RED - EXTERIOR WALLS, BRICK, YELLOW TILE OR OTHER MASONRY MATERIAL WITH COMBUSTIBLE FLOORS AND ROOF

GRAY - NON-COMBUSTIBLE WALLS, MASONRY, STEEL OR ROBERTSON
 YELLOW - WOOD ROOF OR WOOD FLOOR
 BLUE - OPEN WATER - RIVERS, LAKES OR LAGOONS

LEATHERCRAFT, INC.
CONOVER, NC

DECEMBER 3, 1991
 1 INCH = 50 FEET



738898/738898

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