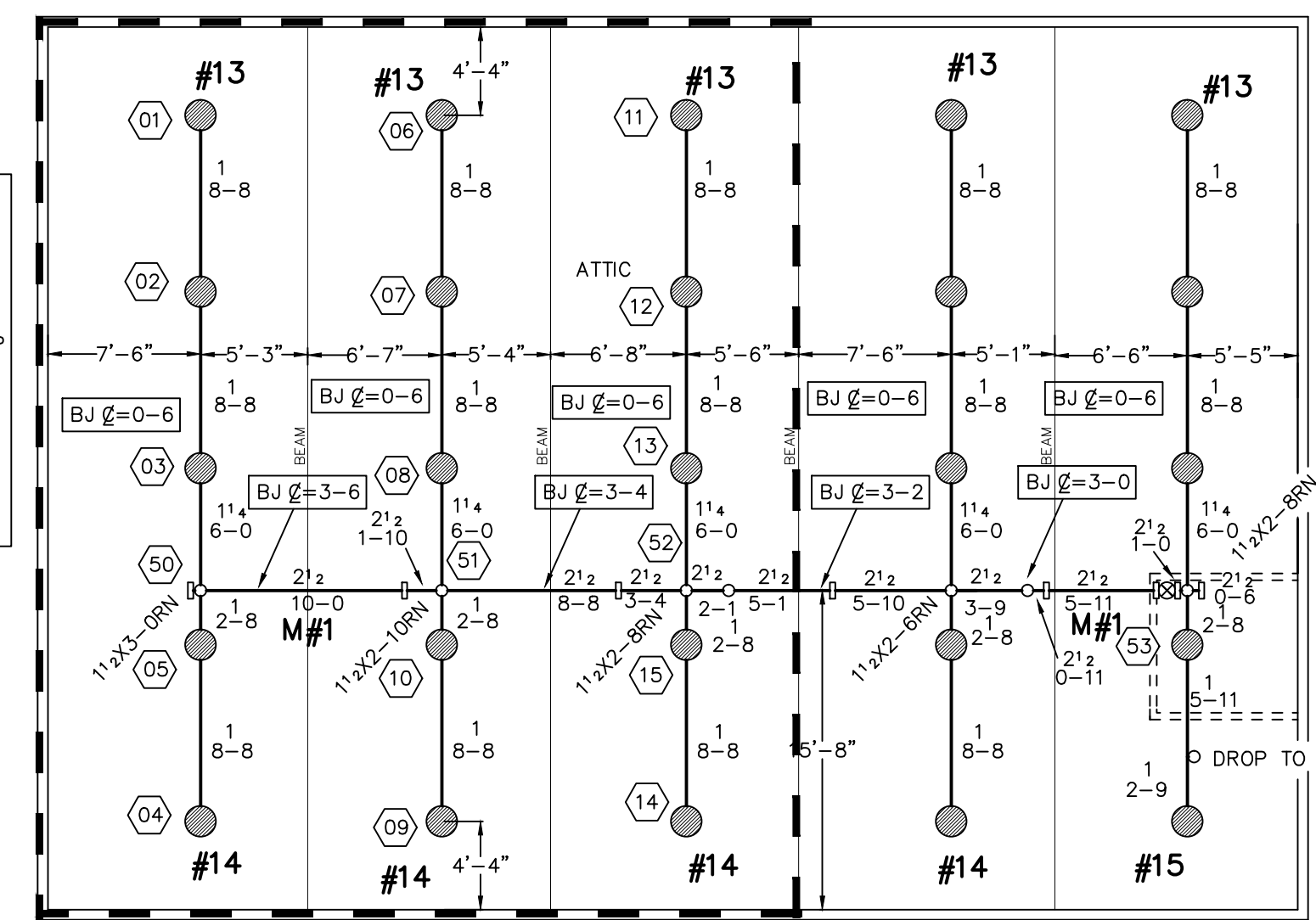
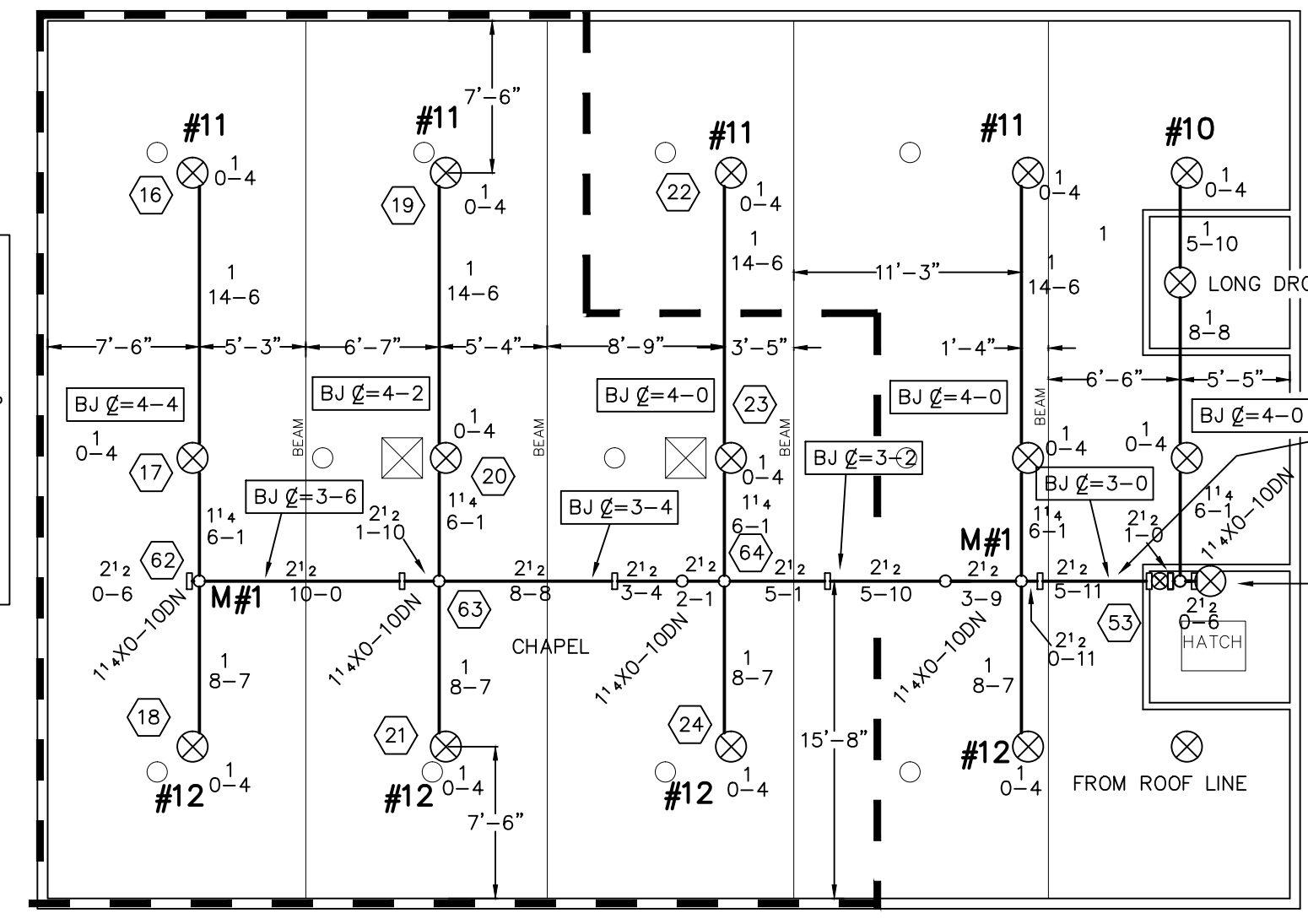


CALC: JEWISHMUSEUMATTIC.WXF  
HYDRAULIC DATA:  
BASIS OF DESIGN: LIGHT HAZARD  
DENSITY AREA OF COVERAGE  
0.10  
TOTAL ORIFICE TEMP  
1500 SQ FT  
SPRINKLERS 15 1/2" 200"  
SYSTEM DEMAND AT CITY:  
PRESSURE FLOW HOSE  
72.7 249.9 100  
SAFETY MARGIN 6.8 PSI  
OCCUPANCY: ATTIC

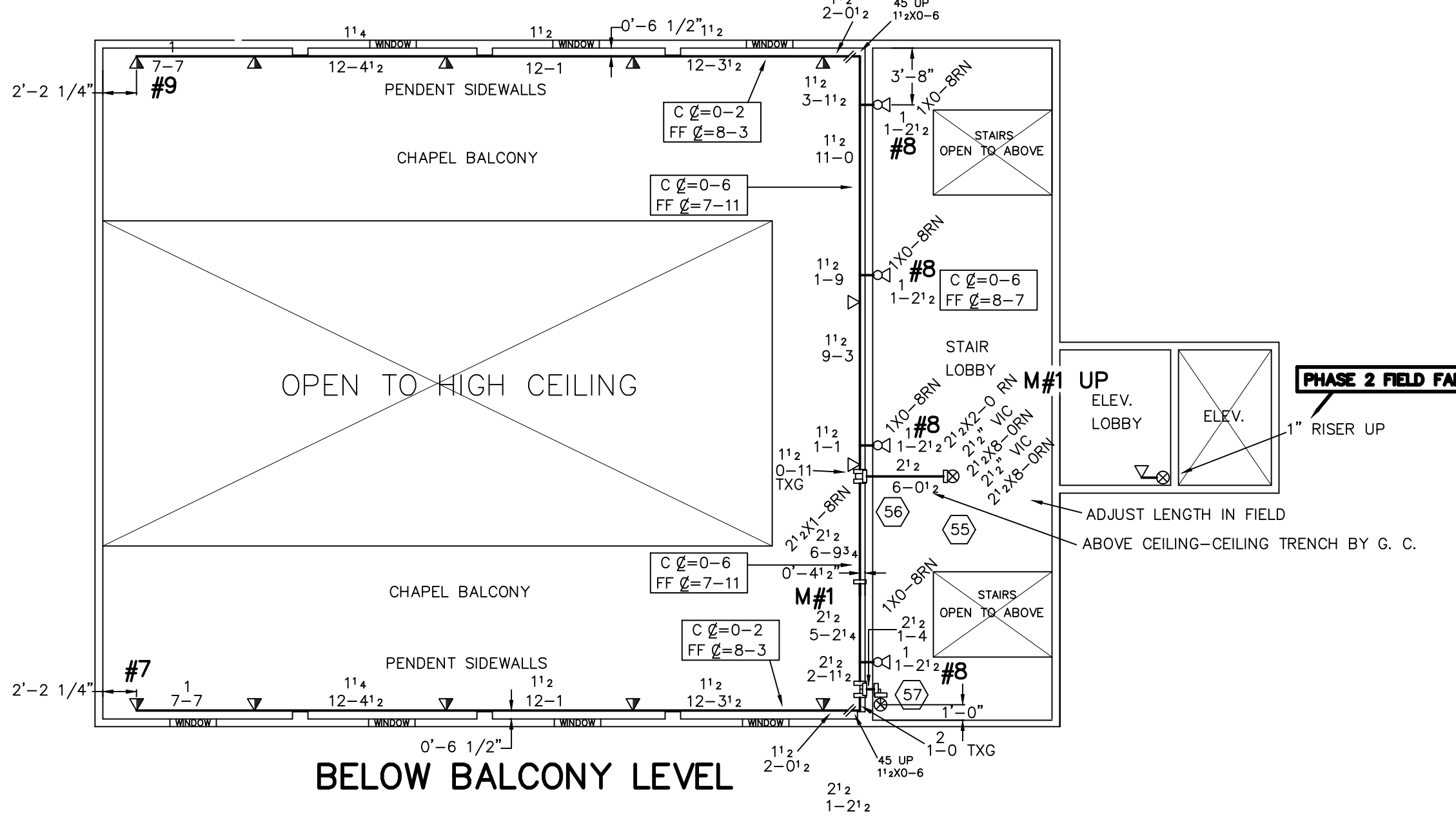


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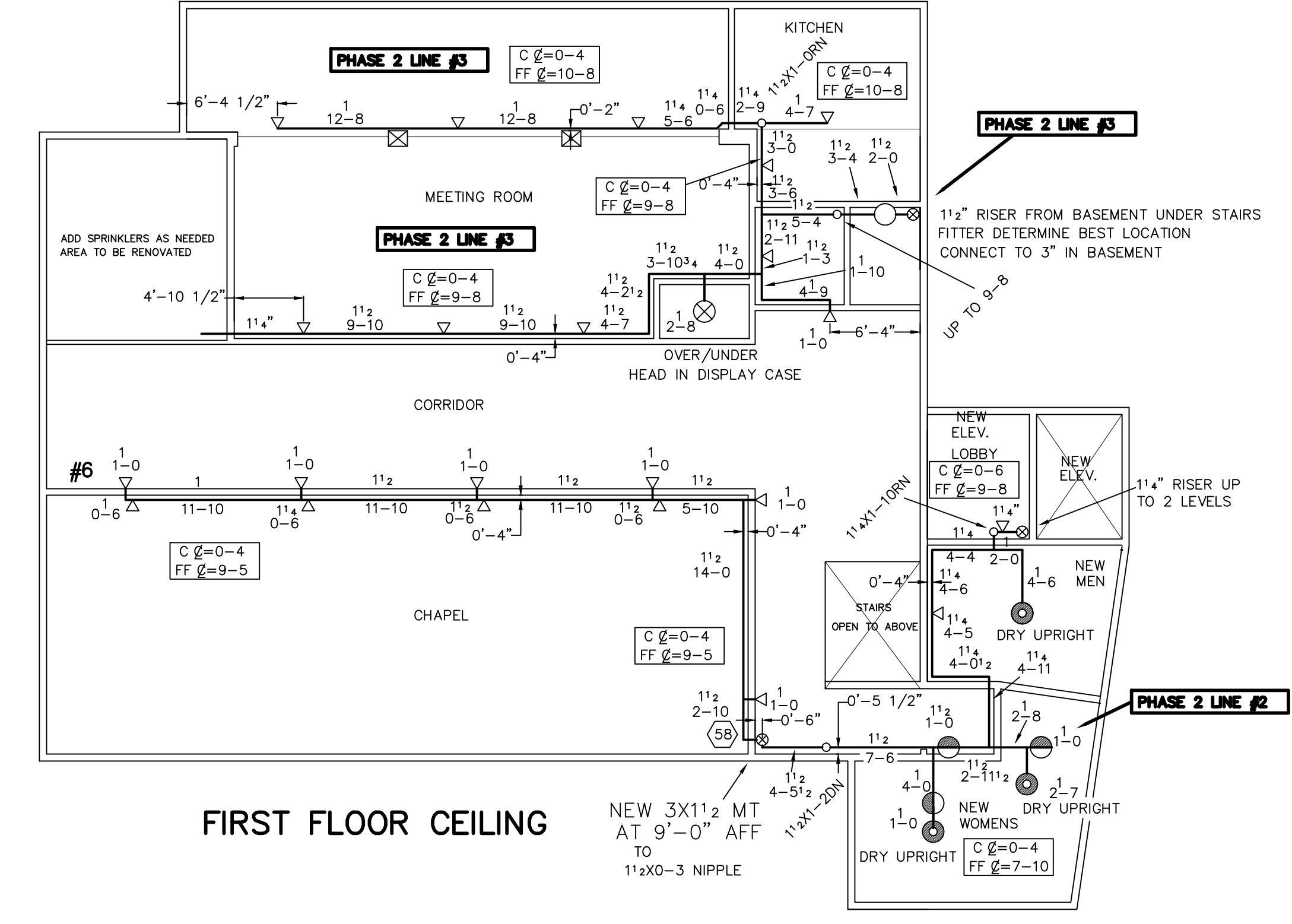
CALC: JEWISHMUSEUMCHAPEL.WXF  
HYDRAULIC DATA:  
BASIS OF DESIGN: LIGHT HAZARD  
DENSITY AREA OF COVERAGE  
0.10  
TOTAL ORIFICE TEMP  
1500 SQ FT  
SPRINKLERS 8 1/2" 155"  
SYSTEM DEMAND AT CITY:  
PRESSURE FLOW HOSE  
69.0 191.4 100  
SAFETY MARGIN 10.6 PSI  
OCCUPANCY: CHAPEL



ABOVE CHAPEL CEILING

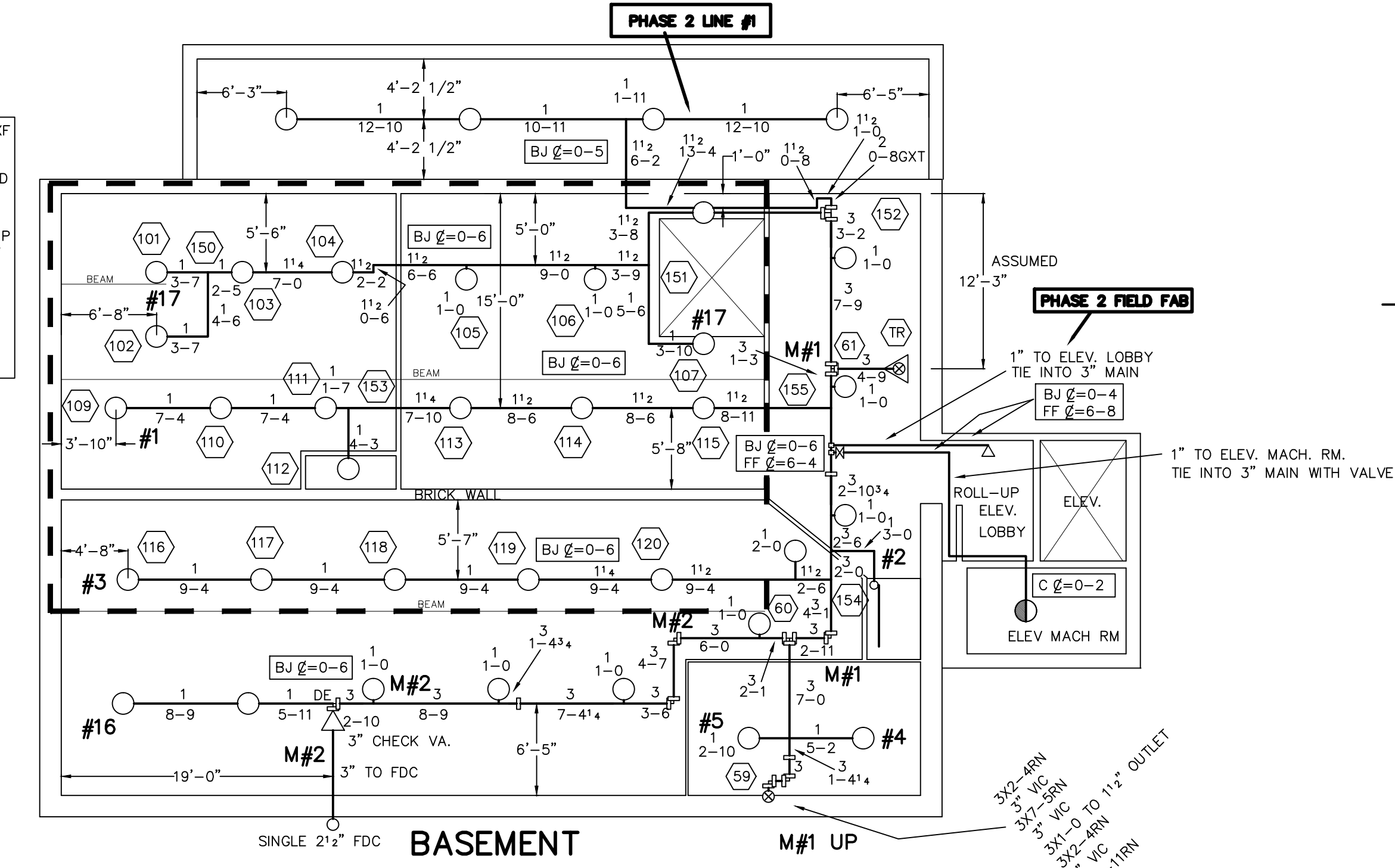


BELOW BALCONY LEVEL

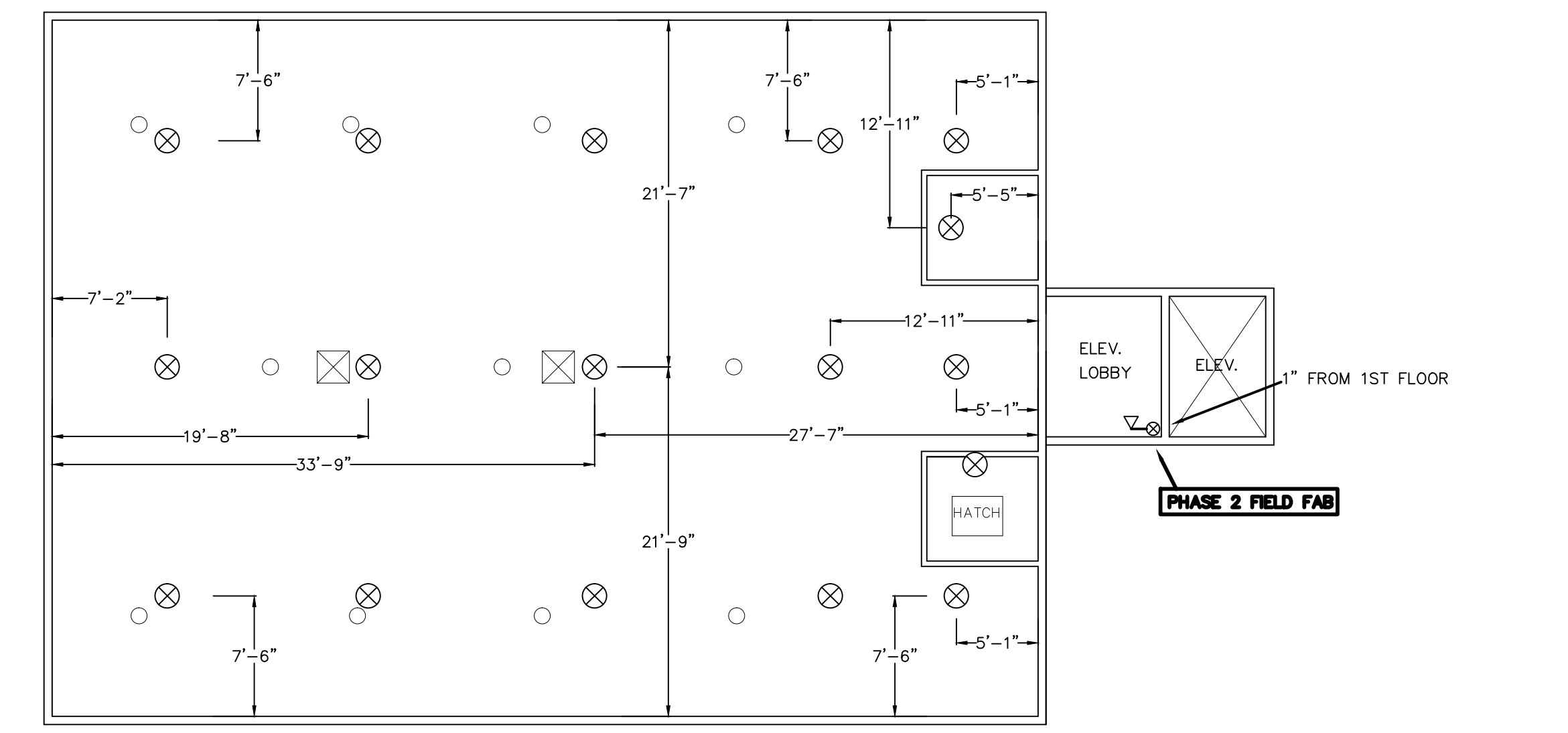


FIRST FLOOR CEILING

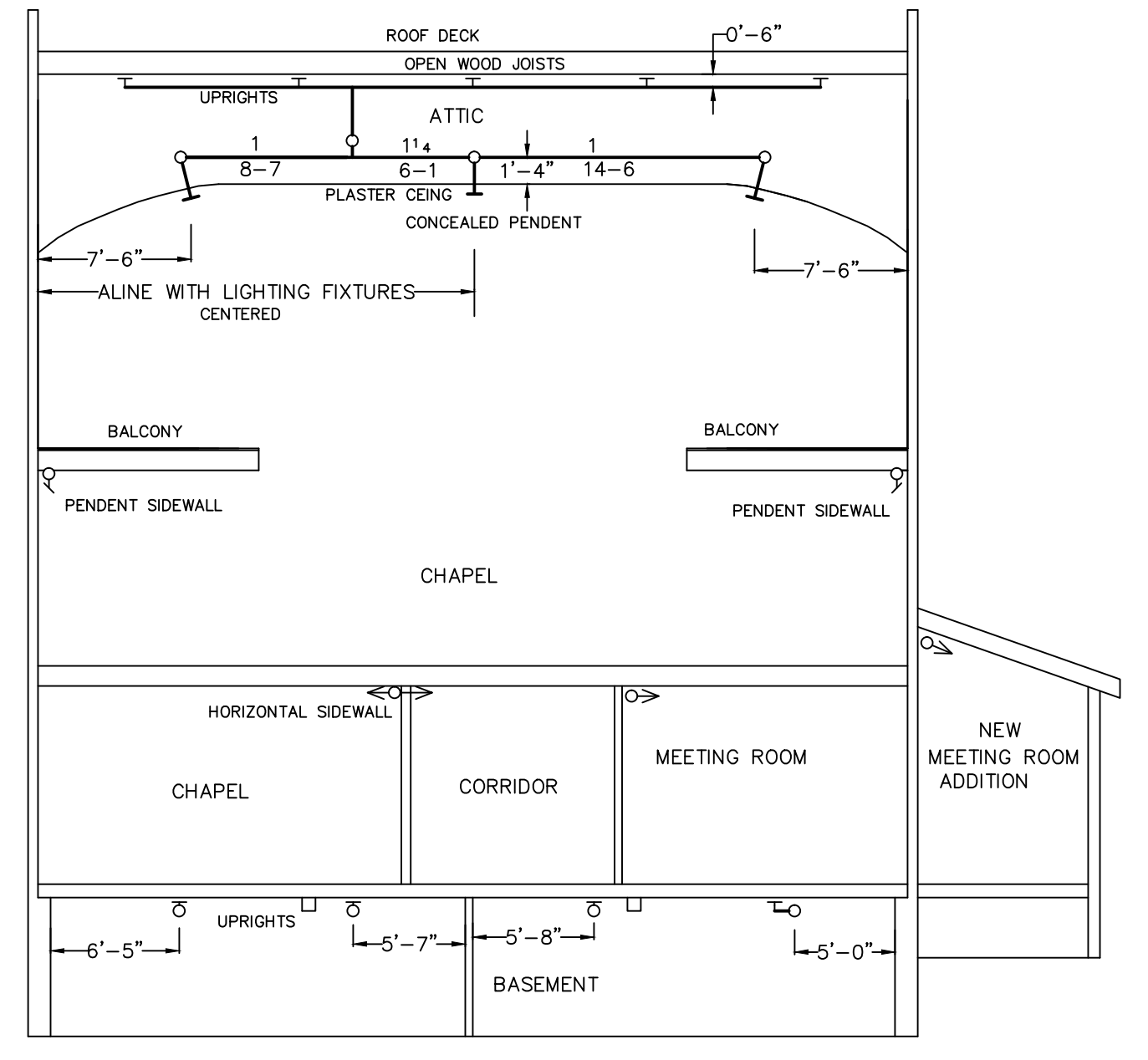
CALC: JEWISHMUSEUMBASMENT.WXF  
HYDRAULIC DATA:  
BASIS OF DESIGN: ORDINARY HAZARD  
DENSITY AREA OF COVERAGE  
0.15  
TOTAL ORIFICE TEMP  
1500 SQ FT  
SPRINKLERS 20 1/2" 155"  
SYSTEM DEMAND AT CITY:  
PRESSURE FLOW HOSE  
65.3 495.5 250  
SAFETY MARGIN 12.6 PSI  
OCCUPANCY: BASEMENT



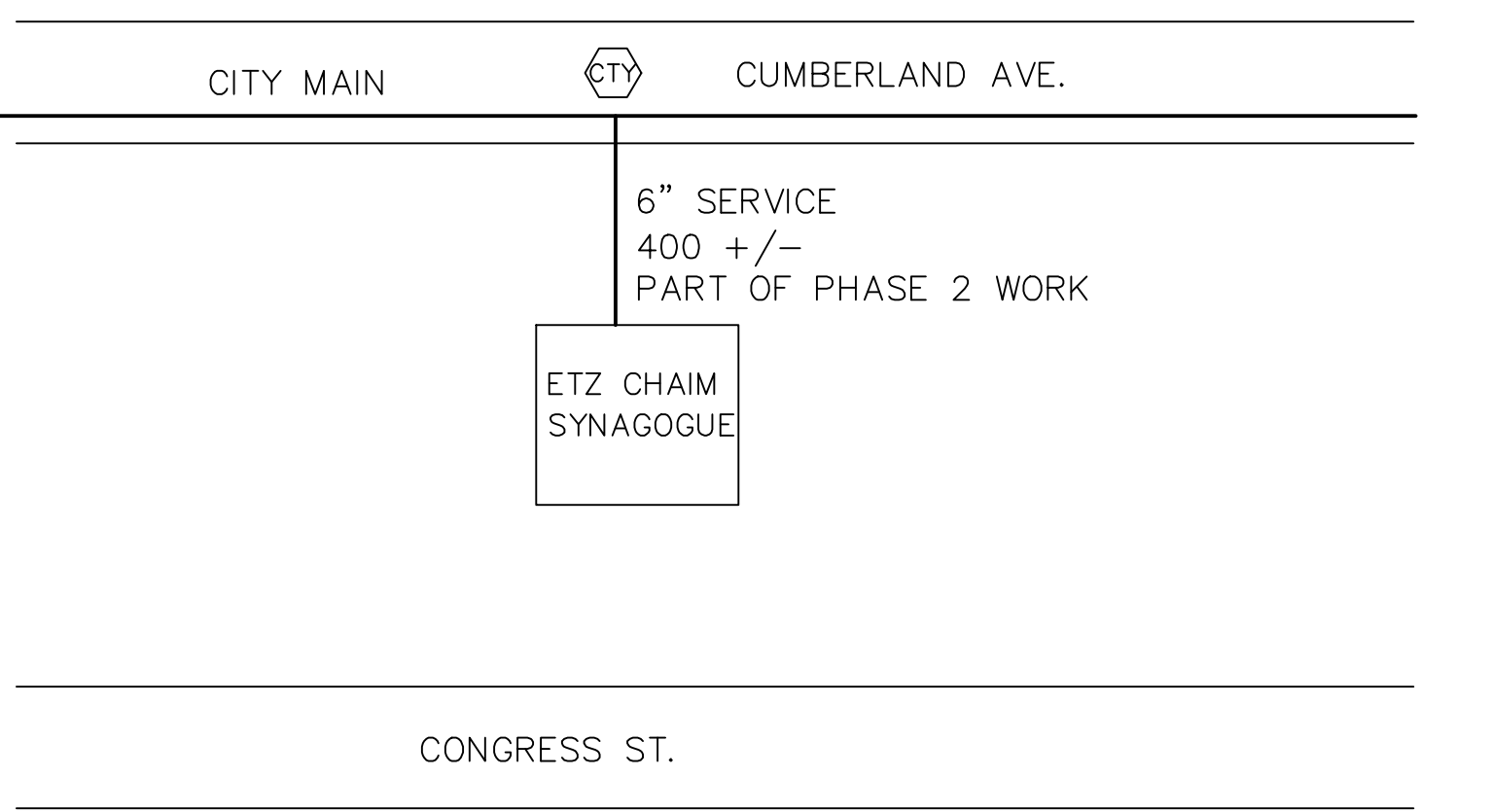
BASEMENT



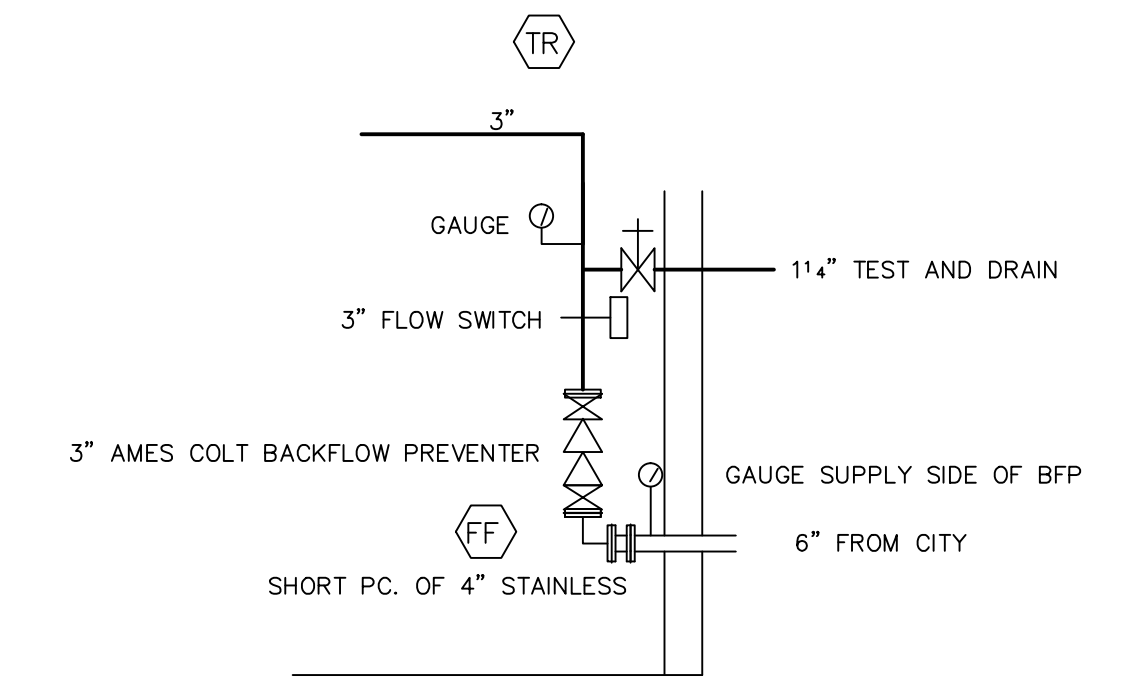
CHAPEL CEILING



BUILDING SECTION



LOCATION PLAN  
NO SCALE



RISER SECTION  
PART OF PHASE 2 WORK  
NO SCALE

LEGEND

- 200" RELIABLE F1FR56 Q R BRASS UPRIGHTS K=5.6
- 155" RELIABLE F1FR56 Q R BRASS UPRIGHTS K=5.6
- △ 155" RELIABLE F1FR56 Q R PENDENT WHITE SIDEWALL K=5.6
- ◁ 155" RELIABLE F1FR56 Q R HORIZONTAL WHITE SIDEWALL K=5.6
- ⊗ 155" RELIABLE G4A Q R WHITE CONCEALED PENDENT SPRINKLER K=5.6
- ⊙ 155" RELIABLE F1FR56 Q R WHITE PENDENT K=5.6
- ⊕ 200" RELIABLE F1FR56 Q R DRY UPRIGHT K=5.6
- C℄=XX CEILING TO CENTERLINE OF PIPE
- FF℄=XX FIN FLR TO CENTERLINE OF PIPE
- BJ℄=XX BOTTOM OF JOISTS TO CENTERLINE OF PIPE
- RISE OR DROP NIPPLE
- ⊕ RISER BETWEEN FLOORS

SYSTEM CLASSIFICATION

INSTALL A NEW WET PIPE NFPA #13 HYDRAULICALLY CALCULATED SPRINKLER SYSTEM IN ALL AREAS OF THE BUILDING TO MEET THE STANDARDS OF NFPA FOR LIGHT HAZARD, THE STATE OF MAINE, AND THE CITY OF PORTLAND.

GENERAL NOTES

ALL DIMENSIONS ARE CENTER TO CENTER U/N  
ALL 2" AND SMALLER PIPE TO SCH 40 BLACK STEEL  
ALL 2" AND SMALLER FITTINGS SHALL BE SCREWED STD. WT. C.I. BLACK U/N  
ALL 2 1/2" AND LARGER PIPE IS SCH. 10 LIGHTWALL WITH DUCTILE GROOVED FITTINGS.  
ALL HANGER SPACING AND SIZES TO CONFORM TO NFPA #13.

DEAN & ALLYN, INC.  
FIRE PROTECTION - SPECIAL HAZARD  
PO BOX 709, GRAY, MAINE 04039  
(207)657-5646 FAX: (207)657-5647

REVISIONS	DATE	APPROVED BY	DATE	SURVEYED BY	HAK	11-8-15	TITLE	NO OF SPRINKLERS SHOWN ON THIS SHEET
							MAINE JEWISH MUSEUM PHASE 2	26
							ETZ CHAIM SYNAGOGUE	26
							267 CONGRESS STREET	26
							PORTLAND MAINE	26
							SCALE 1/8"=1'-0"	CONTRACT NO.
							SHEET NO. 1 OF 1	C151310