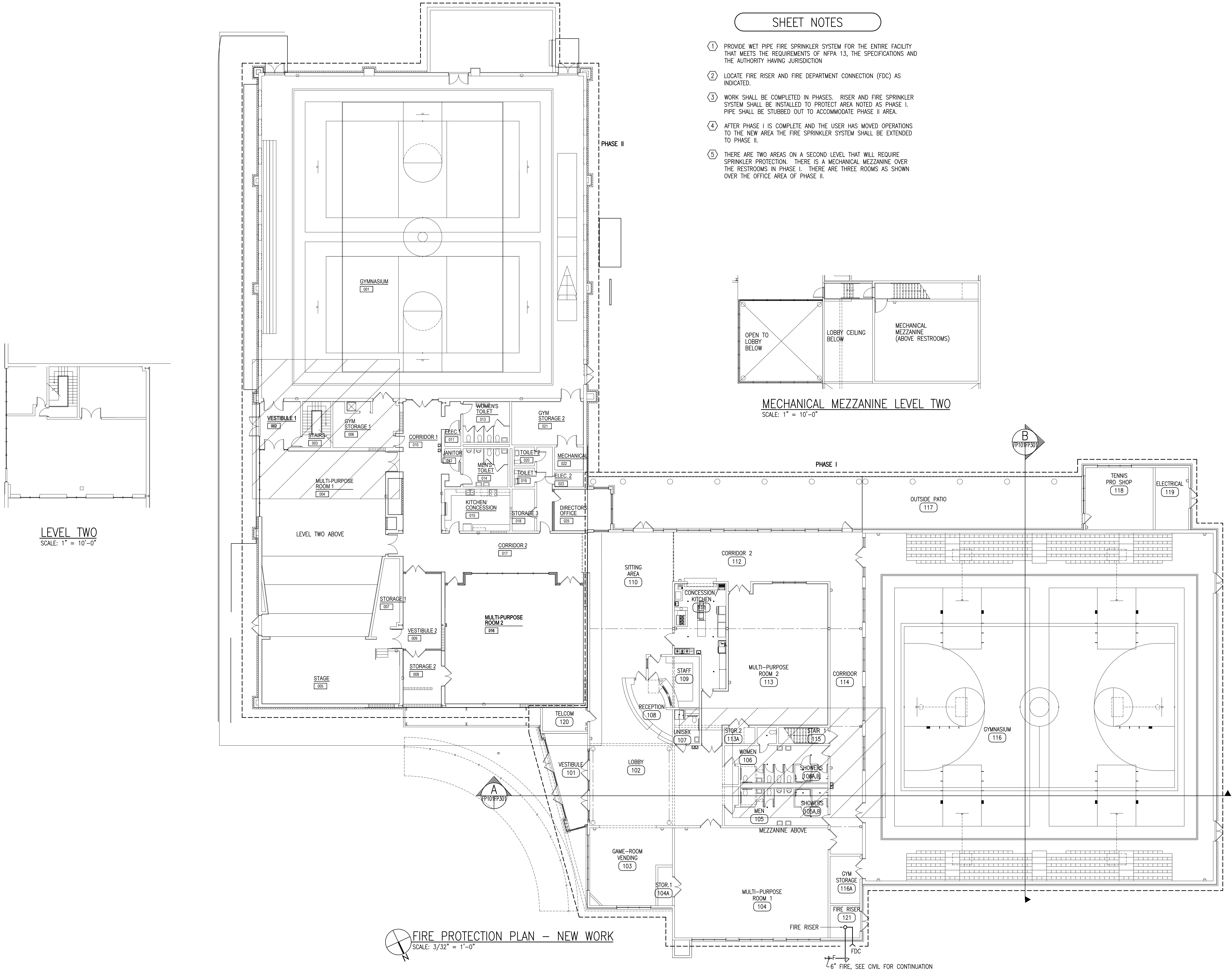
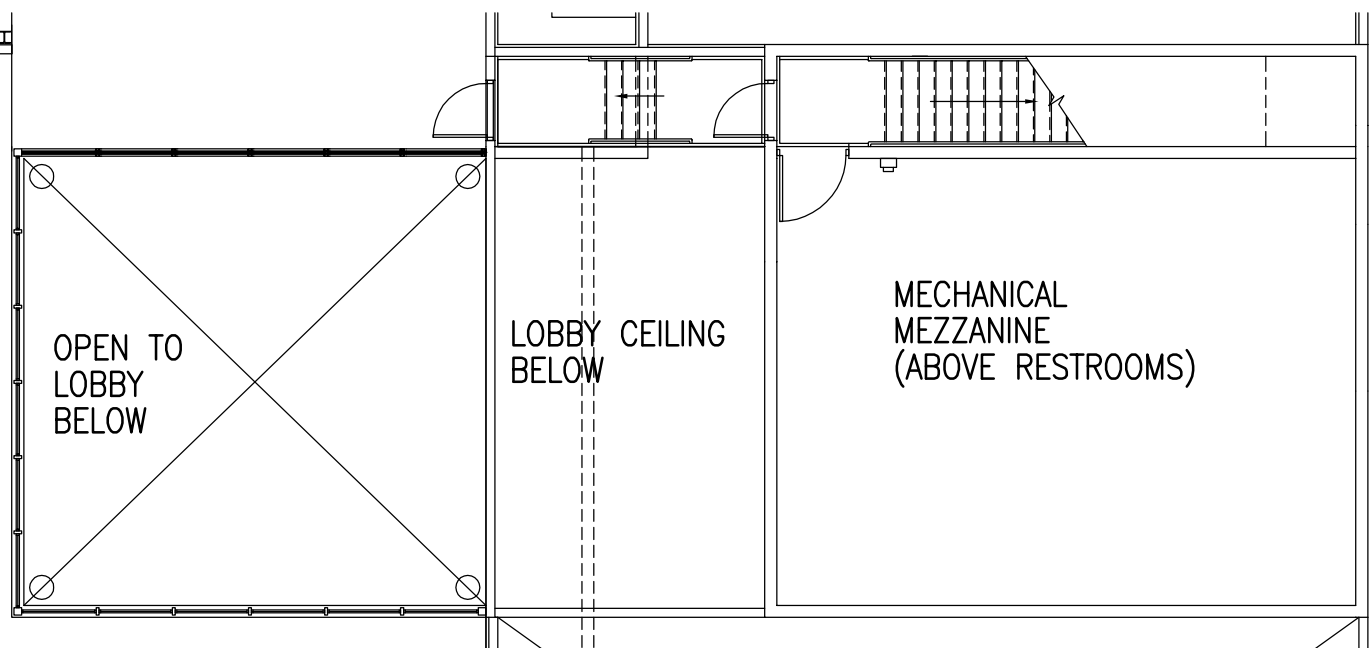




SHEET NOTES

- 1 PROVIDE WET PIPE FIRE SPRINKLER SYSTEM FOR THE ENTIRE FACILITY THAT MEETS THE REQUIREMENTS OF NFPA 13, THE SPECIFICATIONS AND THE AUTHORITY HAVING JURISDICTION
- 2 LOCATE FIRE RISER AND FIRE DEPARTMENT CONNECTION (FDC) AS INDICATED.
- 3 WORK SHALL BE COMPLETED IN PHASES. RISER AND FIRE SPRINKLER SYSTEM SHALL BE INSTALLED TO PROTECT AREA NOTED AS PHASE I. PIPE SHALL BE STUBBED OUT TO ACCOMMODATE PHASE II AREA.
- 4 AFTER PHASE I IS COMPLETE AND THE USER HAS MOVED OPERATIONS TO THE NEW AREA THE FIRE SPRINKLER SYSTEM SHALL BE EXTENDED TO PHASE II.
- 5 THERE ARE TWO AREAS ON A SECOND LEVEL THAT WILL REQUIRE SPRINKLER PROTECTION. THERE IS A MECHANICAL MEZZANINE OVER THE RESTROOMS IN PHASE I. THERE ARE THREE ROOMS AS SHOWN OVER THE OFFICE AREA OF PHASE II.



MECHANICAL MEZZANINE LEVEL TWO

SCALE: 1" = 10'-0"

LEVEL TWO

SCALE: 1" = 10'-0"

FIRE PROTECTION PLAN - NEW WORK
SCALE: 3/32" = 1'-0"

SEAL

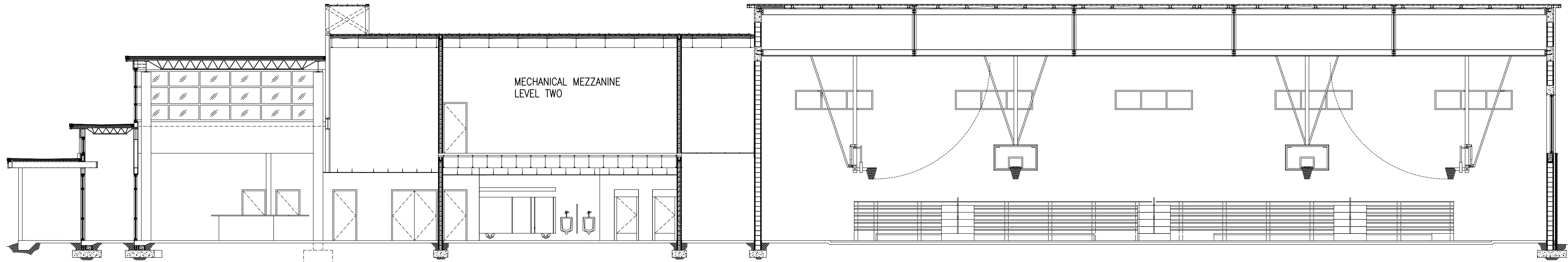
PETERSON ENGINEERING INC.
(PROF. ENG. # 3600)
75 SOUTH 7TH STREET
PENSACOLA, FLORIDA 32501
(850) 434-0513
PE 201080

bay design
associates architects, pl
florida certificate of
authorization AA0003597

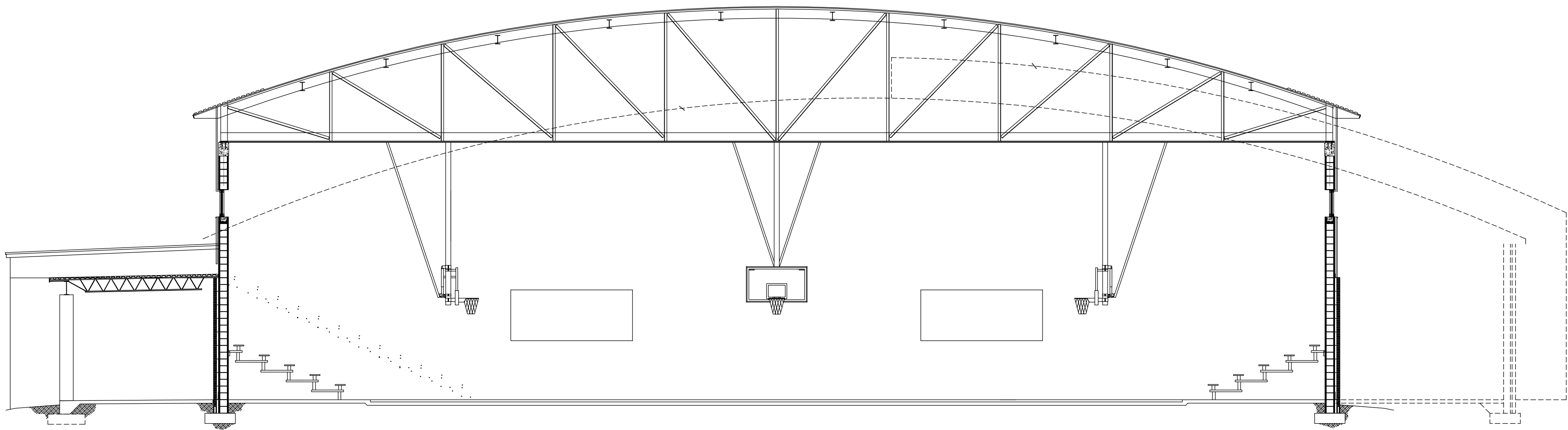
PROJECT: **Gulf Breeze Community Center**
800 Shoreline Drive
Gulf Breeze, FL 32561
SHEET TITLE: FIRE PROTECTION PLAN - NEW WORK

PROJECT NO: 2413
FILE NO:
DATE: 06.01.2011
REVISION:

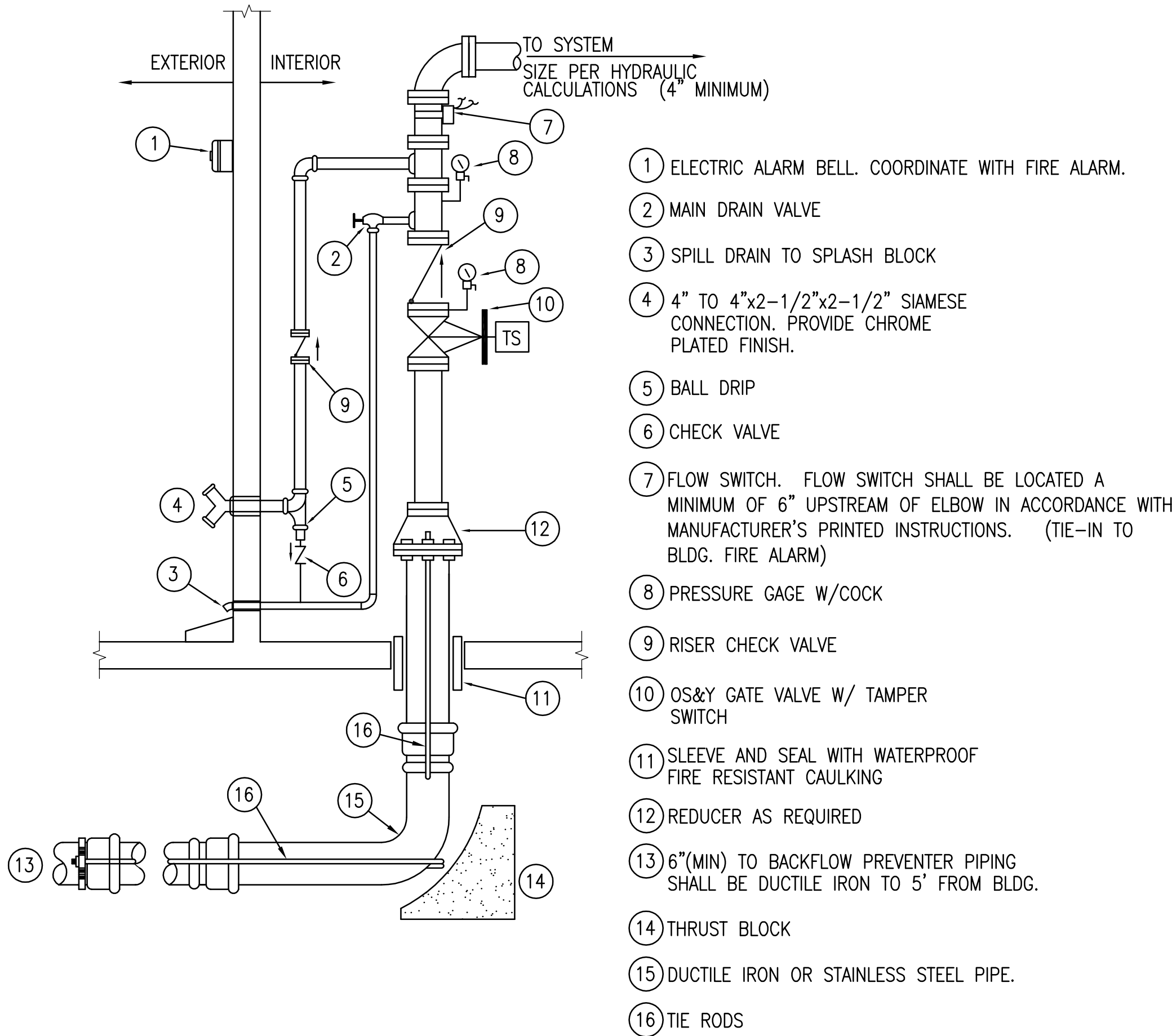
SHEET
FP101



COMMUNITY CENTER SECTION
SCALE: 1/8" = 1'-0"



GYMNASIUM SECTION
SCALE: 1/8" = 1'-0"



FIRE RISER DIAGRAM
NOT TO SCALE

LEGEND

AHJ	-	AUTHORITY HAVING JURISDICTION
W/	-	WITH
AFF	-	ABOVE FINISHED FLOOR
FDC	-	FIRE DEPARTMENT SIAMESE CONNECTION
MIN	-	MINIMUM
MAX	-	MAXIMUM
DIA	-	DIAMETER
OS&Y	-	OUTSIDE SCREW AND YOKE
P/V	-	POST INDICATOR VALVE
PSI	-	POUNDS PER SQUARE INCH
GPM	-	GALLONS PER MINUTE
SQ. FT.	-	SQUARE FOOT
TS	-	TAMPER SWITCH
FS	-	FLOW SWITCH

NOTES

1. RISER SHALL BE DRAWN TO SCALE ON SHOP DRAWINGS TO REFLECT COMPONENTS SUPPLIED.
2. PROVIDE INSPECTOR'S TEST STATION PER NFPA 13.

PRELIMINARY FIRE FLOW TEST DATA

STATIC PRESSURE: 53 PSI *
RESIDUAL PRESSURE: 26 (APPROX.) PSI *
WATER FLOW: 1000 GPM *
SIZE OF MAIN: 8 INCH

FLOW TEST PROVIDED FOR INFORMATION ONLY

SOURCE OF WATER SUPPLY:
CITY OF GULF BREEZE

* - CURRENT FLOW TEST DATA IS PRELIMINARY. A NEW FLOW TEST SHALL BE PERFORMED BY SPRINKLER CONTRACTOR FOR DESIGN.

FIRE SPRINKLER CONTRACTOR SHALL NOTE THE LIMITED WATER PRESSURE AVAILABLE AND TAKE THAT INTO ACCOUNT WHEN PROVIDING PRICING.

HYDRAULIC DESIGN CRITERIA

NFPA-13 - LIGHT HAZARD WET SYSTEM
REMOTE AREA: 3000 SQ.FT.
MAXIMUM AREA PER SPRINKLER: 225 SQ.FT.
MINIMUM WATER FLOW DENSITY: 0.07 GPM/SQ.FT.

HOSE STREAM ALLOWANCE
INSIDE AND OUTSIDE HOSE
COMBINED: 100 GPM.

FIRE PROTECTION DESIGN CRITERIA

NAME OF FACILITY: GULF BREEZE COMMUNITY CENTER
STREET ADDRESS: 800 SHORELINE DR. 32561
TYPE OF CONSTRUCTION: NONCOMBUSTIBLE
OWNER: CITY OF GULF BREEZE
AUTHORITY HAVING JURISDICTION: GULF BREEZE FIRE DEPARTMENT

SEAL

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Gulf Breeze, FL 32561

FIRE PROTECTION SECTIONS

SHEET TITLE:

PROJECT NO: 2413
FILE NO:
DATE: 06.01.2011
REVISION:

SHEET

FP301