SCS
FIRE PROTECTION DIVISION
SHAMBAUGH & SON, INC.
CONTRACTORS - ENGINEERS
7614 OPPORTUNITY DRIVE FORT WAYNE INDIANA 46825
PHONE (219) 487-7777 FAX 487-7991

SPRINKLERS

SYMBOL	SYMBOL
MAKE	MAKE: VIKING STD RESP
MODEL	MODEL: EXT COV, L.H.
SIZE	SIZE: 1 1/2"
TYPE	TYPE: RECESS WHT PEND
K, TEMP	K, TEMP: 5.5, 155° F
QTY.	QTY. 47

SYMBOL	SYMBOL
MAKE	MAKE: VIKING STD RESP
MODEL	MODEL: "M" STD COV
SIZE	SIZE: 1/2"
TYPE	TYPE: RECESS WHT PEND
K, TEMP	K, TEMP: 5.5, 155° F
QTY.	QTY. 116

SYMBOL	SYMBOL
MAKE	MAKE: VIKING STD RESP
MODEL	MODEL: EXT COV, D.H.
SIZE	SIZE: 5/8"
TYPE	TYPE: RECESS WHT PEND
K, TEMP	K, TEMP: 5.6, 155° F
QTY.	QTY. 26

SYMBOL	SYMBOL
MAKE	MAKE: VIKING STD RESP
MODEL	MODEL: "M" STD COV
SIZE	SIZE: 1/2"
TYPE	TYPE: BR UPR
K, TEMP	K, TEMP: 5.6, 155° F
QTY.	QTY. 32

DESIGN: ☒ HYD. CALC. ☐ PIPE SCHEDULE

WATER DEMAND:

DENSITY .10	HAZARD CLASS LIGHT HAZ	PSI	SEE PLAN
AREA 1500	OCCUPANCY SCHOOL	GPM	SEE PLAN
HOSE 1.0/100	RACK ALLOW. 0	AT	SEE PLAN
DENSITY .15	HAZARD CLASS ORDINARY GP 1		
AREA 1500	OCCUPANCY MECHANICAL		
HOSE 1.0/250	RACK ALLOW. 0		

BUILDING CONSTRUCTION TYPE
☒ NON-COMBUSTIBLE
☐ COMBUSTIBLE
TOTAL SQ. FT. 514,090
BLDG. HGT. 52'

SYMBOL
☐-0 ℄ OF PIPE BELOW DECK
☐0-0 ℄ OF PIPE ABOVE FLOOR
HANGER W/ROD LENGTH
TRAPEZE LOCATION
HYDRAULIC REF POINT

Chesterton High School

2125 South Eleventh St.
Chesterton, IN 46304

PROJECT NAME:

NO.	DATE	REVISION	BY
6	-	-	-
5	-	-	-
4	-	-	-
3	-	-	-
2	051800	RECORD DRAWING	AZ
1	061098	STICKLISTED	AMN

FIRE PROTECTION:

ZONE #9
UNIT E2, F2
FIRE PROTECTION

DRAWN BY: Alan Zimmerman
CHECKED BY:
SCALE: 1/8"=1'-0"
DATE: 10-1-97
SPKRS. THIS SHEET: 221
TOTAL SPKRS. THIS JOB:
STATE PROJECT NUMBER: 240902
APPROVAL AGENCIES: ISFM, LOCAL FM, ARCHITECT
JOB NO. 231893
SHEET NO. FP-16

CAD DWG 231893 16.DWG

MECHANICAL MEZZANINE
MEZZANINE FLOOR IS 12'-0" ABOVE 2nd FLOOR
STEEL ELEVATIONS ARE ABOVE MEZZANINE FLOOR
TOP STEEL ELEVATIONS ARE TO TOP
STEEL BAR JOISTS UNLO.

TOP OF MEZZ. FLOOR STEEL IS 12'-7/8" ABOVE 2nd FLOOR

DRYWALL SOFFITS ABOVE DOORS ARE 8'-8" AFF

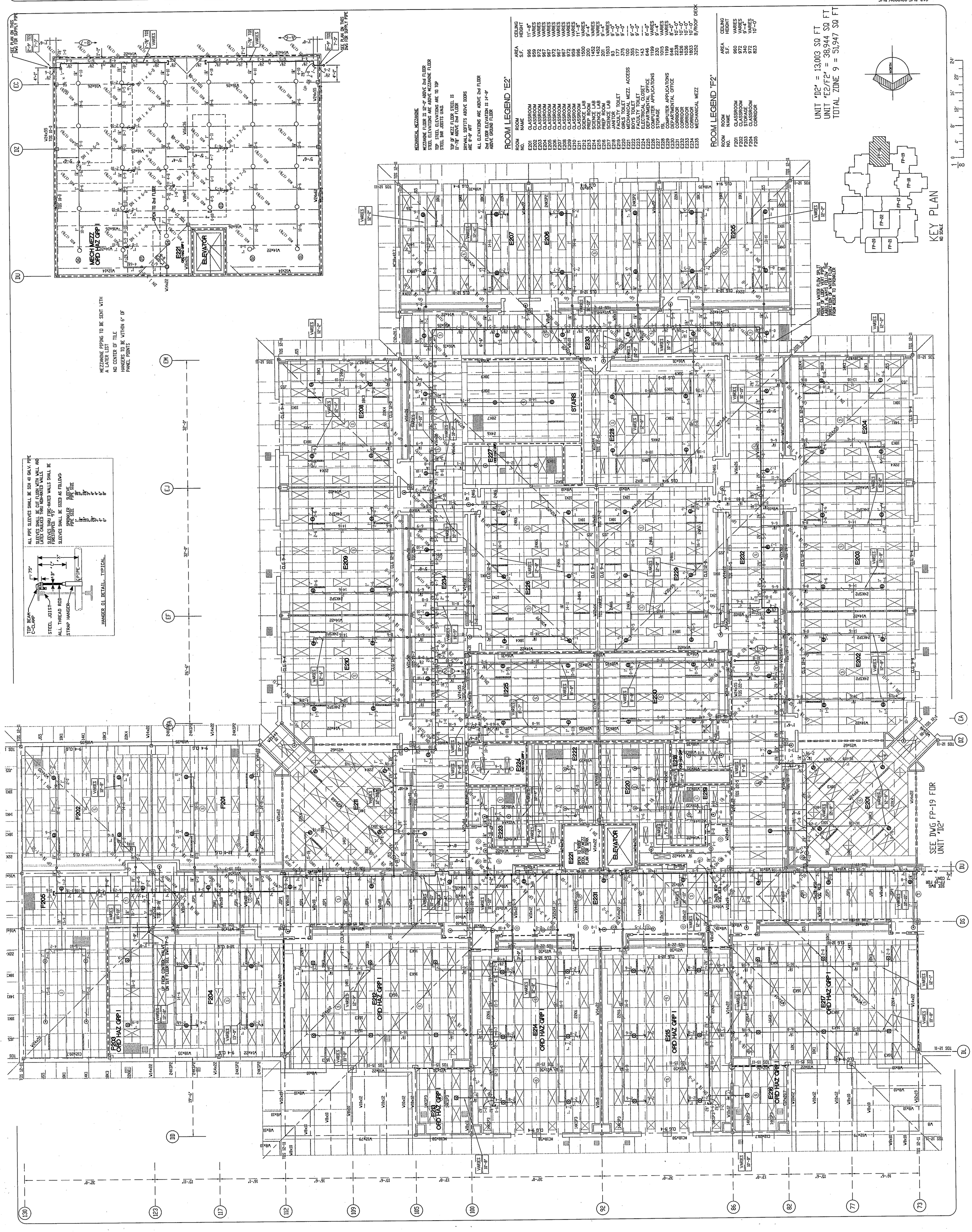
ALL ELEVATIONS ARE ABOVE 2nd FLOOR

2nd FLOOR ELEVATION IS 14'-8" ABOVE GROUND FLOOR

ROOM LEGEND "E2"

ROOM NO.	ROOM NAME	AREA S.F.	CEILING HEIGHT
E201	CLASSROOM	996	11'-8"
E202	CLASSROOM	959	VARIES
E203	CLASSROOM	972	VARIES
E204	CLASSROOM	967	VARIES
E205	CLASSROOM	967	VARIES
E206	CLASSROOM	972	VARIES
E207	CLASSROOM	967	VARIES
E208	CLASSROOM	967	VARIES
E209	CLASSROOM	972	VARIES
E210	CLASSROOM	999	VARIES
E211	CLASSROOM	1500	VARIES
E212	SCIENCE LAB	200	9'-4"
E213	PREP ROOM	1452	VARIES
E214	SCIENCE LAB	1452	VARIES
E215	PREP ROOM	201	9'-4"
E216	SCIENCE LAB	1452	VARIES
E217	JANITOR	93	9'-0"
E218	FACULTY TOILET	177	9'-0"
E219	GIRLS TOILET	375	9'-0"
E220	MECHANICAL MEZZ. ACCESS	100	— —
E221	BOYS TOILET	355	9'-0"
E222	FACULTY TOILET	177	9'-0"
E223	ELECTRICAL CLOSET	144	9'-0"
E224	DEPARTMENTAL OFFICE	646	8'-0"
E225	COMPUTER APPLICATIONS	1199	VARIES
E226	STORAGE	230	9'-4"
E227	ISI	1015	VARIES
E228	COMPUTER APPLICATIONS	1199	VARIES
E229	DEPARTMENTAL OFFICE	646	8'-0"
E230	CORRIDOR	2238	10'-0"
E231	CORRIDOR	1826	10'-0"
E232	CORRIDOR	1036	10'-0"
E233	CORRIDOR	1803	10'-0"
E234	CORRIDOR	3252	B/ROOF DECK
E235	MECHANICAL MEZZ.		

ROOM LEGEND "F2"

ROOM NO.	ROOM NAME	AREA S.F.	CEILING HEIGHT
F201	CLASSROOM	960	VARIES
F202	CLASSROOM	972	VARIES
F203	STORAGE	340	9'-4"
F204	CLASSROOM	972	VARIES
F205	CORRIDOR	823	10'-0"

UNIT "D2" = 13,003 SQ FT
UNIT "E2/F2" = 38,944 SQ FT
TOTAL ZONE 9 = 51,947 SQ FT