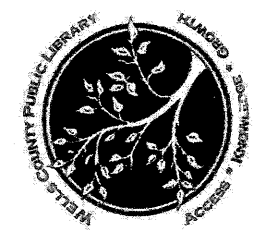


All concepts, ideas, designs, plans and details as shown on this document are the sole property of Design Collaborative, Inc. and shall not be used for any purpose without their expressed written consent. The owner shall be permitted to visit copies for information and reference.

Wells County Public Library
200 West Washington Street
Bluffton, Indiana 46714

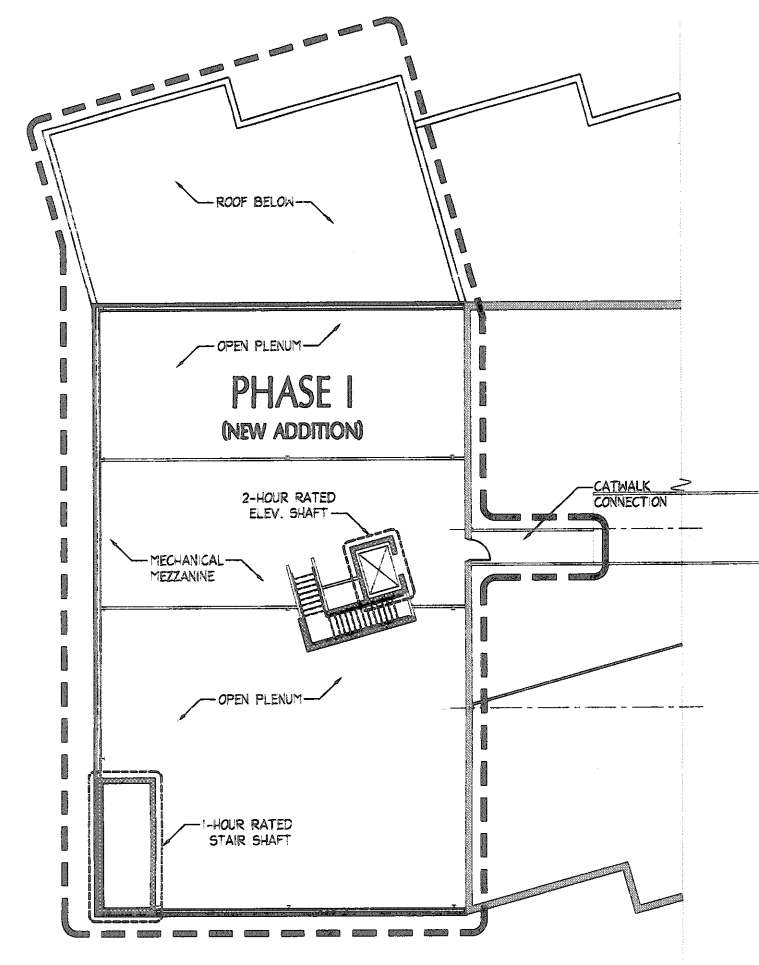


REVISION DATE BY

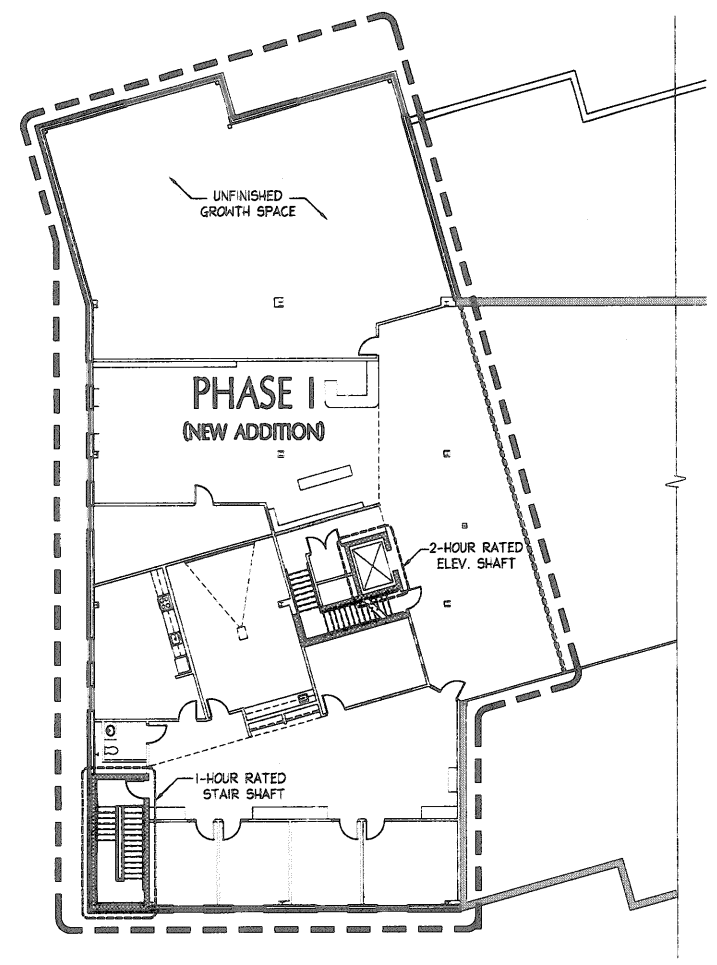
DATE PROJECT
11/2/2005 2005.0039

TITLE
**Code Study,
Project Phasing Diagram,
& General Project Notes**
SHEET

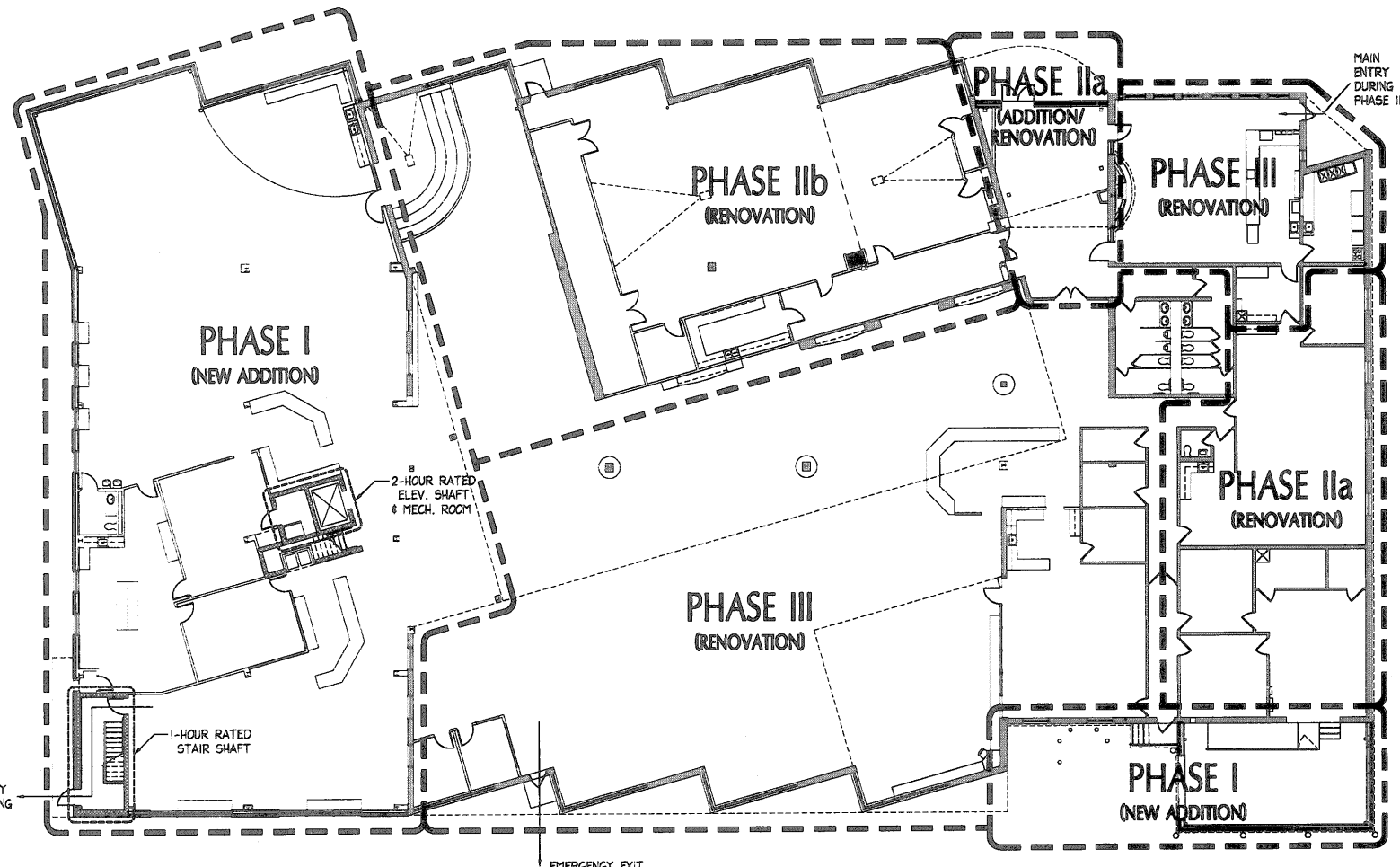
G0.2



PHASING DIAGRAM - MEZZANINE
SCALE: NTS
NORTH



PHASING DIAGRAM - SECOND FLOOR
SCALE: NTS
NORTH



PHASING DIAGRAM - FIRST FLOOR
SCALE: NTS
NORTH

GRAPHIC SYMBOLS LEGEND

DEMOLITION TAG: IDENTIFIES DEMOLITION WORK & EXISTING ITEMS TO BE MAINTAINED ON PLANS & ELEVATIONS.

CONSTRUCTION TAG: IDENTIFIES PROPOSED WORK ON FLOOR PLANS & ELEVATIONS.

SECTION/DETAIL TAG: IDENTIFIES PROPOSED WORK, BROKEN DOWN BY SPECIFICATION DIVISION, ON WALL SECTIONS & DETAILS.

REVISION TAG/ CLOUD: IDENTIFIES LOCATION OF CHANGES ON ALL WORKING DRAWINGS.

ROOM NAME/ NO. TAG: IDENTIFIES ROOM NAME & NUMBER, AS DESCRIBED IN THE PROJECT 'ROOM FINISH SCHEDULE'.

DETAIL BUBBLE: IDENTIFIES THE LOCATION OF THE ENLARGED DETAIL FOR THE AREA INDICATED WITHIN THE WORKING DRAWINGS SET.

WALL SECTION TAG: IDENTIFIES THE LOCATION OF THE WALL SECTION INDICATED WITHIN THE WORKING DRAWINGS SET.

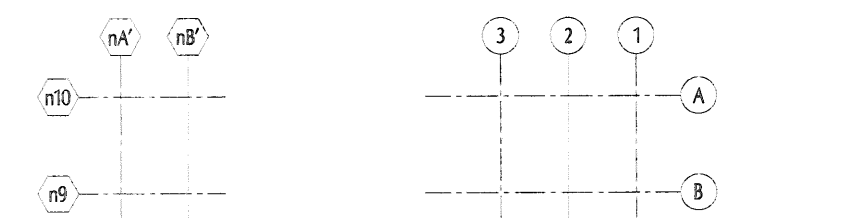
ELEVATION TAG: IDENTIFIES THE LOCATION OF THE ELEVATION INDICATED WITHIN THE WORKING DRAWINGS SET.

WINDOW/FRAME TAG: IDENTIFIES WINDOW OR FRAME TYPES. ALPHABETICALLY TYPICALLY INDICATES HOLLOW METAL. NUMERICAL TYPICALLY INDICATES ALUMINUM.

DOOR TAG: IDENTIFIES DOOR & FRAME TYPES AS DESCRIBED IN THE PROJECT 'DOOR & HARDWARE SCHEDULE'.

TITLE: IDENTIFIES THE NAME, NUMBER, & SCALE OF THE DETAIL.

DETAIL TITLE: IDENTIFIES THE NAME, NUMBER, & SCALE OF THE DETAIL.



STRUCTURAL GRID LINES (EXISTING)
IDENTIFIES THE EXISTING STRUCTURAL GRID

STRUCTURAL GRID LINES (PROPOSED)
IDENTIFIES THE PROPOSED STRUCTURAL GRID

GENERAL CONSTRUCTION NOTES

- CONTRACTORS ARE RESPONSIBLE FOR VISITING THE SITE TO BECOME FAMILIAR WITH THE EXISTING CONSTRUCTION. THESE SHEETS SHALL SERVE TO AID THE CONTRACTOR IN HIS EVALUATION OF THE EXTENT OF CONSTRUCTION; BUT SHALL NOT BE HELD TO BE ALL INCLUSIVE. ANY CONFLICTS OR APPARENT DEFICIENCIES MUST BE SUBMITTED TO THE ARCHITECT IN WRITING PRIOR TO BIDDING.
- EACH PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RECONSTRUCTION REQUIRED FOR THE INSTALLATION OF NEW MATERIALS, WHETHER OR NOT IT IS SPECIFICALLY SHOWN OR NOTED IN THESE DOCUMENTS.
- EACH PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RECONSTRUCTION REQUIRED FOR THE PATCHING, REPAIRING, AND REFINISHING REQUIRED IN ANY AREA THAT OTHER CONTRACTORS HAVE WORK IN. REFER TO REQUEST FOR PROPOSALS FOR ADDITIONAL INFORMATION. REMOVE ALL DAMAGED GYPSUM BOARD, MASONRY, CONCRETE AND/OR PLASTER OVER EXISTING MATERIALS AND REPAIR TO MATCH ADJACENT CONSTRUCTION PRIOR TO REFINISHING. ALL REFINISHED SURFACES SHALL BE SMOOTH AND IN A FLUSH PLANE WITH EXISTING SURFACES.
- REFER TO DEMOLITION SHEETS FOR SPECIFIC DEMOLITION NOTES. REFER TO REPAIRING DRAWINGS FOR RECONSTRUCTION. ALL CONTRACTORS SHALL COORDINATE THE DEMOLITION AND RECONSTRUCTION WORK, TO BE ASSURED THAT WORK IN EITHER OF THESE AREAS IS COMPLEMENTARY TO THE OTHER AND COMPLETE IN ALL RESPECTS.
- IN ALL AREAS WHICH ARE TO RECEIVE NEW FINISHES OVER EXISTING MASONRY, ALL ACCESSORIES (SWITCHES, THERMOSTATS, DOOR STOPS, FIRE EXTINGUISHERS, RECEPTACLES, FIRE ALARM BELL, ETC.) ARE TO BE REMOVED, NEW FINISHES INSTALLED, AND ALL ACCESSORIES REPOINTED AT SAME LOCATION.
- OWNER WILL REMOVE ALL LOOSE FURNISHINGS, LOOSE EQUIPMENT, LOOSE SUPPLIES, LOOSE MATERIALS, ETC. PRIOR TO CONSTRUCTION COMMENCING. THE DEMOLITION CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL FIXED ACCESSORIES WITHIN EACH OF THE ROOMS IN THE SCOPE. THIS WILL INCLUDE FIRE EXTINGUISHERS, PAPER TONER DISPENSERS, SOAP DISPENSERS, ETC. THAT MAY NOT BE CALLED OUT BY SPECIAL NOTES. RETURN ALL OF THESE TYPES OF ITEMS TO THE OWNER FOR REUSE.
- ALL CONSTRUCTION AREAS, REMOVAL TRAFFIC PATTERN AREAS AND ASSOCIATED WORK AREAS SHALL BE KEPT CLEAN OF DEBRIS BY THE CONTRACTORS DAILY.
- PROTECT FROM DEMOLITION AND RECONSTRUCTION DEBRIS, ALL EXISTING TO REMAIN FIXTURES AND EQUIPMENT REQUIRED TO REMAIN IN PLACE DURING CONSTRUCTION.
- DIMENSIONING IS FROM FACE OF GYP. BD. TO FACE OF GYP. BD. OR FACE OF MASONRY - REFER TO PARTITION TYPES AND ROOM FINISHES. ALL CEILING HEIGHTS ARE MEASURED FROM FINISH FLOOR TO THE BOTTOM FACE OF THE SUPPORT SYSTEM, NOT TO THE BOTTOM FACE OF THE FINISH MATERIAL, WHETHER IT BE GYPSUM BOARD, ACoustICAL TILE, ETC.
- THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR INFORMING THE OWNER, IN WRITING, ON A WEEKLY BASIS, THE CONSTRUCTION SCHEDULE FOR THE APPROACHING TWO WEEKS CONSTRUCTION ACTIVITY. THE MECHANICAL AND ELECTRICAL CONTRACTORS SHALL SUPPLY THE INFORMATION TO THE GENERAL CONTRACTOR FOR INCLUSION IN THEIR REPORT. ANY STORAGE OF MATERIALS, ACCESS OR EGRESS PROBLEMS, TRAFFIC FLOW OR NORMAL OPERATIONS WHICH ARE TO BE AFFECTED MUST BE PROTECTED AND/OR AGREED UPON BY THE OWNER.
- PORTIONS OF THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION. ALL CONTRACTORS SHALL COMPLY WITH THE FOLLOWING LIFE SAFETY ISSUES. FAILURE TO LIST ALL LIFE SAFETY ISSUES DOES NOT RELIEVE THE CONTRACTORS FROM COMPLYING WITH FEDERAL, STATE AND LOCAL CODES, THE CONTRACTUAL AGREEMENT BETWEEN THE CONTRACTOR AND OWNER, AND OTHER GOVERNING BODIES WHICH HAVE JURISDICTION ON THIS PROJECT. THE FOLLOWING ARE INTERIM LIFE SAFETY CODE ISSUES WHICH ARE SPECIFIC TO THIS PROJECT AND MUST BE ADDRESSED. THE GENERAL CONTRACTOR WILL PROVIDE TEMPORARY ENCLOSURES, WALKWAYS, ETC.
 - ENSURE ALL EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS. THE OWNER SHALL RECEIVE WRITTEN NOTIFICATION AND SHALL RESPOND WITH APPROVAL IF ALTERNATIVE EXITS MUST BE DESIGNATED.
 - ENSURE FIRE ALARM, DETECTION AND SUPPRESSION SYSTEMS ARE NOT IMPAIRED. A TEMPORARY, BUT EQUIVALENT SYSTEM SHALL BE PROVIDED, INSTALLED AND TESTED PRIOR TO ANY EXISTING FIRE ALARM BEING IMPAIRED.
 - ENSURE TEMPORARY CONSTRUCTION PARTITIONS ARE SHOCK TIGHT AND BUILT OF NON-COMBUSTIBLE MATERIALS (METAL STUDS AND GYPSUM BOARD). THESE PARTITIONS SHALL BE COORDINATED WITH THE OWNER.
 - PROVIDE TEMPORARY WALKWAY ENCLOSURES AS REQUIRED WHEN ACCESS IS NEEDED THROUGH A CONSTRUCTION AREA. ENCLOSURES SHALL BE DESIGNED BY A STRUCTURAL ENGINEER FOR THE POTENTIAL CONSTRUCTION LOADS IN THAT AREA.
 - SHOCKING SHALL BE PROHIBITED IN ALL AREAS OF THE BUILDING, ONLY IN DESIGNATED AREAS OUTSIDE THE BUILDING SHALL SHOCKING BE ALLOWED.
 - DEVELOP AND ENFORCE STORAGE, HOUSEKEEPING AND DEBRIS REMOVAL PROCEDURES THAT REDUCE THE FLAMMABLE AND COMBUSTIBLE FIRE LOAD TO THE LOWEST LEVEL NECESSARY FOR DAILY OPERATIONS.
 - SECURE ALL TOOLS AND CONSTRUCTION MATERIALS DURING BREAKS AND NON-CONSTRUCTION HOURS.

PARTITION TYPES - COMPOSITE DESCRIPTIONS

DIV. 4 - MASONRY (PRIMARY STRUCTURE)

E4-1 DESCRIPTION: 7-3/8" CMU PARTITION WALL TO DECK ABOVE (U.N.O.) W/ 3/8" MTL. FURRING CHANNELS @ 24" O.C. 4" GYP. BD. ONE SIDE TO 6" MIN. ABOVE ADJ. CEILING. SEE PHASING DIAGRAM FOR FIRE RATING.

E4-2 DESCRIPTION: 7-3/8" CMU TO DECK ABOVE (U.N.O.) W/ 3/8" MTL. FURRING CHANNELS @ 24" O.C. 4" GYP. BD. BOTH SIDES TO 6" MIN. ABOVE ADJ. CEILING. SEE PHASING DIAGRAM FOR FIRE RATING.

E4-3 DESCRIPTION: 7-3/8" CMU TO DECK ABOVE (U.N.O.) W/ 3/8" MTL. FURRING CHANNELS @ 24" O.C. 4" GYP. BD. BOTH SIDES TO 6" MIN. ABOVE ADJ. CEILING. SEE PHASING DIAGRAM FOR FIRE RATING.

DIV. 5 - METAL (PRIMARY STRUCTURE)

F5-1 DESCRIPTION: 3-1/2" METAL STUDS @ 16" O.C. TO DECK ABOVE W/ ONE (1) LAYER OF 5/8" GYP. WALLBOARD EACH SIDE TO DECK ABOVE. FILL CAVITY WITH SOUND BATT INSULATION.

F5-2 DESCRIPTION: 3-1/2" METAL STUDS @ 16" O.C. TO DECK ABOVE W/ ONE (1) LAYER OF 5/8" GYP. WALLBOARD EACH SIDE TO DECK ABOVE. FILL CAVITY WITH SOUND BATT INSULATION.

F5-3 DESCRIPTION: 3-1/2" METAL STUDS @ 16" O.C. TO 6" ABOVE ADJ. CEILING W/ ONE (1) LAYER OF 5/8" GYP. WALLBOARD ONE SIDE ONLY AND SOUND BATT INSULATION.

F5-7 DESCRIPTION: 6" METAL STUDS @ 16" O.C. TO DECK ABOVE W/ ONE (1) LAYER OF 5/8" GYP. WALLBOARD EACH SIDE TO DECK ABOVE.

GENERAL NOTES: PARTITION TYPES

- ALL PARTITIONS ARE TYPE F5-1 UNLESS OTHERWISE NOTED.
- REFER TO THE PLAN SYMBOLS LEGEND ON THE DEMOLITION AND ARCHITECTURAL FLOOR PLANS FOR GRAPHIC INDICATION OF DEMOLITION WORK, EXISTING CONSTRUCTION TO REMAIN, AND PROPOSED CONSTRUCTION.
- REFER TO THE WALL SECTIONS AND DETAILS FOR ALL EXTERIOR WALL CONSTRUCTION.
- WALLS INDICATED TO HAVE A RATING, FIRE OR SOUND, SHALL EXTEND TO THE DECK/STRUCTURE ABOVE AND BE SEALED TIGHT.
- REFER TO STRUCTURAL FOR MASONRY SHEAR WALL BEARING LOCATIONS.
- ALL INTERIOR METAL STUDS AND MISC. FRAMING SHALL BE 20 GA. UNLESS NOTED OTHERWISE.
- USE CELESTONITE BACKER BOARD IN LIEU OF GYP. WALLBOARD AT ALL WET LOCATIONS (KITCHENS & RESTROOM NET WALLS).
- ALL INTERIOR COLUMN WRAPS TO BE METAL STUD FRAMING W/ 5/8" GYP. WALLBOARD TO 6" MIN. ABOVE ADJ. CEILING, UNLESS INDICATED OTHERWISE.

PHASING TIMELINE

- CONSTRUCT PHASE I ADDITIONS. UPON SUBSTANTIAL COMPLETION OF PHASE I WORK GENERAL CONTRACTOR WILL ACQUIRE TEMPORARY OCCUPANCY PERMIT FOR THESE AREAS. OWNER WILL MOVE INTO PHASE I AREAS, VACATING PHASE II AREAS.
- RENOVATE PHASE II AREAS. UPON SUBSTANTIAL COMPLETION OF PHASE II WORK GENERAL CONTRACTOR WILL ACQUIRE TEMPORARY OCCUPANCY PERMIT FOR THESE AREAS. OWNER WILL MOVE INTO PHASE II AREAS, VACATING PHASE III AREAS.
- RENOVATE PHASE III AREAS.
- IN ALL PHASES, PORTIONS OF THE BUILDING WILL BE OCCUPIED THROUGHOUT CONSTRUCTION. THE GENERAL CONTRACTOR IS TO PROVIDE TEMPORARY PARTITIONS TO ENSURE SAFE AND UNOBSTRUCTED EGRESS FOR PATRONS AND THE PUBLIC. SEE NOTE II (THIS SHEET) FOR FURTHER INFORMATION.

**WELLS COUNTY PUBLIC LIBRARY
CODE CRITERIA AND ANALYSIS**

Applicable Code:	2003 INDIANA BUILDING CODE (IBC)	
Occupancy Classifications:	Assembly, meeting and gathering spaces A-3 OCCUPANCY Business, office and administrative areas B OCCUPANCY	303.1 304.1
Construction Type:	Type IIB (noncombustible, unprotected) Construction, based upon nonseparated uses, and allowable area and height for A-3 Occupancy.	302.3.2, 503.1
Allowable Area for A-3 Occupancy:	Tabular area: 4,500 sf Sprinkler increase: + 14,000 sf Frontage increase: + 7,025 sf Allowable per Floor: 35,625 sf Actual area 1st Floor: 31,814 sf 1st Floor - largest floor	Table 503 503.3 505.1
Allowable Height:	3 stories allowed, based upon sprinkler increase 2 stories actual with mezzanine	504.2
Fire Hall:	Fire wall not required at connection of addition to existing building, based on allowable area.	504.2
Occupancy Separations:	Occupancy separation not required, based upon nonseparated uses option - building complies with the most strict (A-3 Occupancy) provisions of occupancies involved	302.3.2
Building Elements - Fire-Relative Requirements:	Building elements, including structural frame, floors, and roof are permitted to be of noncombustible, unprotected construction. Exterior walls are nonrated, noncombustible, since having at least 10 feet of fire separation distance. Exterior openings are permitted to be nonrated, since having more than 20 feet of fire separation distance. Noncombustible penetrating items, including ducts are permitted to connect 2 floor levels without shaft enclosure or fire dampers.	Table 601 Table 602 Table 704.6
Incidental Use Separations:	The following incidental use areas are required to be separated with a nonrated separation, consisting of nonrated walls to the deck and self-closing doors: Storage rooms over 100 sf. Mechanical or Boiler rooms with equipment as specified (Table 302.1.1, Sec. 302.1.1.1). Fire and/or smoke dampers are not required in this separation.	302.1.1
Corridors:	Corridors are permitted to be of nonrated construction throughout, based upon sprinkler protection.	Table 1004.3.2.1
Stair Enclosures:	50% of stairs in addition are required to be enclosed with 1-hour fire barriers.	Table 1005.3.2, exc. 6
Exit Travel Distance:	Exit access travel distance is permitted to be a maximum of 250 feet.	Table 1004.2.4
Panic Hardware:	Required for doors in the means of egress serving an Assembly room with an occupant load of 100 or more.	1003.1.9
Exit Access Doors from Rooms:	2 exit access doors are required from rooms or suites with an occupant load of 50 or more or where the common path of travel exceeds 75 feet.	1004.2.1
Automatic Sprinklers:	Automatic sprinklers are required throughout based upon an A Occupancy fire area with an occupant load over 300, and are used for allowable area and height increases to permit Type IIB Construction.	903.2.1, 503.1
Staircases:	Not required, since highest floor is less than 30 feet above the lowest level of fire department vehicle access.	903.3.1
Fire Alarm System:	Fire alarm system required, based upon occupant load of 50 or more in the building - system is permitted to be initiated by sprinkler water flow in lieu of manual pull stations	907.2.1, 907.3.1, exc.
Smoke Detectors:	Smoke detectors are required for HVAC shutdown for system delivering in excess of 2,000 cfm	606-1, IBC