



SET NUMBER TWO OF TWO FOR:

NORTHERN KENTUCKY UNIVERSITY

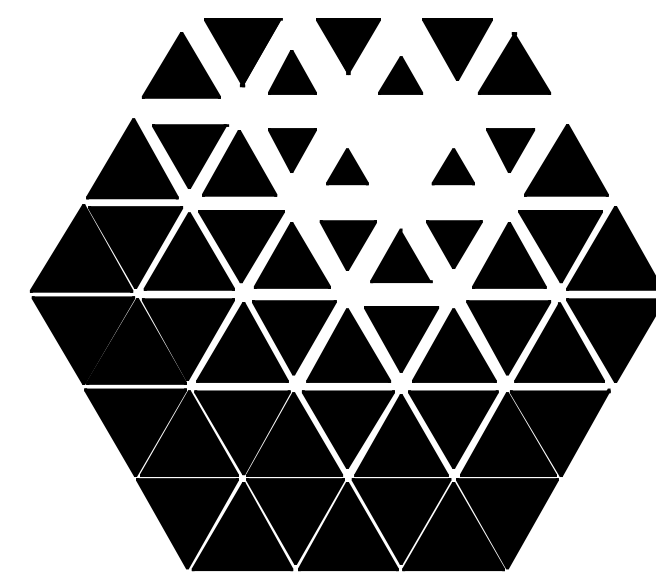
NATURAL SCIENCE BUILDING

HIGHLAND HEIGHTS, KY

COMMONWEALTH OF KENTUCKY-FINANCE &
ADMINISTRATION CABINET
DEPARTMENT OF FACILITIES MANAGEMENT /
DIVISION OF ENGINEERING

ENGINEERING NUMBER I-111
ACCOUNT NUMBER 212-02-45-450-0821-E701

Omni
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LIST OF DRAWINGS: ENGINEERING & SITEWORK

COVER	ARCHITECTURE (BOUND SEPARATELY) ENGINEERING AND SITEWORK	H-1.1E H-1.1W H-1.2E H-1.2W H-1.3E H-1.3W H-1.4E H-1.4W H-1.5 H-2.1E H-2.1W H-2.2E H-2.2W H-2.3E H-2.3W H-2.4E H-2.4W	H.V.A.C. PLAN - FIRST FLOOR (EAST) H.V.A.C. PLAN - FIRST FLOOR (WEST) H.V.A.C. PLAN - SECOND FLOOR (EAST) H.V.A.C. PLAN - SECOND FLOOR (WEST) H.V.A.C. PLAN - THIRD FLOOR (EAST) H.V.A.C. PLAN - THIRD FLOOR (WEST) H.V.A.C. PLAN - FOURTH FLOOR (EAST) H.V.A.C. PLAN - FOURTH FLOOR (WEST) H.V.A.C. PLAN - PENTHOUSE H.V.A.C. PIPING PLAN - FIRST FLOOR (EAST) H.V.A.C. PIPING PLAN - FIRST FLOOR (WEST) H.V.A.C. PIPING PLAN - SECOND FLOOR (EAST) H.V.A.C. PIPING PLAN - SECOND FLOOR (WEST) H.V.A.C. PIPING PLAN - THIRD FLOOR (EAST) H.V.A.C. PIPING PLAN - THIRD FLOOR (WEST) H.V.A.C. PIPING PLAN - FOURTH FLOOR (EAST) H.V.A.C. PIPING PLAN - FOURTH FLOOR (WEST) ENLARGED PLAN - FIRST FLOOR MECHANICAL ROOM ENLARGED PLAN - SOUTH PENTHOUSE ENLARGED PLAN - NORTH PENTHOUSE NORTH PENTHOUSE SECTIONS H.V.A.C. BUILDING SECTIONS FUME HOOD CONTROL SYSTEMS H.V.A.C. FLOW DIAGRAM H.V.A.C. DETAILS H.V.A.C. DETAILS H.V.A.C. RISERS AND DETAILS H.V.A.C. SCHEDULES AND DETAILS H.V.A.C. SCHEDULES
R-1 R-2 R-3 R-4	SITE SURVEY / NORTH SITE SURVEY / SOUTH SUB-SURFACE INVESTIGATION SUB-SURFACE INVESTIGATION	H-1.1E H-1.1W H-1.2E H-1.2W H-1.3E H-1.3W H-1.4E H-1.4W	ELEC. LIGHTING PLAN - FIRST FLOOR (EAST) ELEC. LIGHTING PLAN - FIRST FLOOR (WEST) ELEC. LIGHTING PLAN - SECOND FLOOR (EAST) ELEC. LIGHTING PLAN - SECOND FLOOR (WEST) ELEC. LIGHTING PLAN - THIRD FLOOR (EAST) ELEC. LIGHTING PLAN - THIRD FLOOR (WEST) ELEC. LIGHTING PLAN - FOURTH FLOOR (EAST) ELEC. LIGHTING PLAN - FOURTH FLOOR (WEST) ELEC. LIGHTING PLAN - PENTHOUSE ELEC. POWER PLAN - 1 (EAST) ELEC. POWER PLAN - 1 (WEST) ELEC. POWER PLAN - 2 (EAST) ELEC. POWER PLAN - 2 (WEST) ELEC. POWER PLAN - 3 (EAST) ELEC. POWER PLAN - 3 (WEST) ELEC. POWER PLAN - 4 (EAST) ELEC. POWER PLAN - 4 (WEST) ELEC. POWER PLAN - PENTHOUSE ELEC. LOW-VOLTAGE PLAN - 1 (EAST) ELEC. LOW-VOLTAGE PLAN - 1 (WEST) ELEC. LOW-VOLTAGE PLAN - 2 (EAST) ELEC. LOW-VOLTAGE PLAN - 2 (WEST) ELEC. LOW-VOLTAGE PLAN - 3 (EAST) ELEC. LOW-VOLTAGE PLAN - 3 (WEST) ELEC. LOW-VOLTAGE PLAN - 4 (EAST) ELEC. LOW-VOLTAGE PLAN - 4 (WEST)
C-1	AS-BUILT SITE SURVEY	H-1.1E H-1.1W H-1.2E H-1.2W H-1.3E H-1.3W H-1.4E H-1.4W	COMMUNICATIONS PLAN - FIRST AND SECOND FLOOR COMMUNICATIONS PLAN - THIRD AND FOURTH FLOOR ELECTRICAL PANEL SCHEDULES ELECTRICAL PANEL SCHEDULES ELECTRICAL PANEL SCHEDULES ELECTRICAL PANEL SCHEDULES ELECTRICAL PANEL SCHEDULES ELECTRICAL PANEL SCHEDULES ELECTRICAL PANEL SCHEDULES ELECTRICAL PANEL SCHEDULES POWER RISER 12.5KV ELECTRICAL ONE-LINE TELECOMMUNICATIONS AND CLOCK RISERS DIMMING SYSTEM SECOND AND THIRD FLOOR LIGHTING SCHEDULE AND DETAILS MC-171 MAIN CROSS CONNECT DETAILS TC-271 TELECOMMUNICATIONS CLOSET DETAILS TC-371 TELECOMMUNICATIONS CLOSET DETAILS TC-471 TELECOMMUNICATIONS CLOSET DETAILS
L-1 L-2 L-3 L-4 L-5 L-6	SITE DEMOLITION PLAN SITE GRADING AND DRAINAGE PLAN SITE LAYOUT AND MATERIALS PLAN SITE LANDSCAPE PLAN ENLARGED PLAN - CENTRAL PLAZA AREA ENLARGED PLANS - PARKING LOT "C" & NEW NATURAL SCIENCE WEST ENTRY ENLARGED PLAN - LANDRUM BUILDING SOUTH AREA	H-1.1E H-1.1W H-1.2E H-1.2W H-1.3E H-1.3W H-1.4E H-1.4W	
L-7 L-8 L-9 L-10 L-11 L-12	SITE DETAILS SITE DETAILS SITE DETAILS SITE DETAILS SITE DETAILS SITE DETAILS	H-1.1E H-1.1W H-1.2E H-1.2W H-1.3E H-1.3W H-1.4E H-1.4W	
F-1.1 F-1.2 F-1.3 F-1.4 F-1.5 F-1.6 F-1.7 F-1.8 F-1.9 F-1.10 F-1.11 F-1.12 F-1.13 F-1.14 F-2.1 F-2.2 F-2.3 F-2.4 F-2.5 F-3.1 F-3.2 F-3.3	GENERAL STRUCTURAL NOTES AND DETAILS DRILL SHAFT PLAN (EAST) DRILL SHAFT PLAN (WEST) FIRST FLOOR FOUNDATION PLAN (EAST) FIRST FLOOR FOUNDATION PLAN (WEST) SECOND FLOOR FRAMING PLAN (EAST) SECOND FLOOR FRAMING PLAN (WEST) THIRD FLOOR FRAMING PLAN (EAST) THIRD FLOOR FRAMING PLAN (WEST) FOURTH FLOOR FRAMING PLAN (EAST) FOURTH FLOOR FRAMING PLAN (WEST) ROOF / PENTHOUSE FLOOR FRAMING PLAN (EAST) ROOF / PENTHOUSE FLOOR FRAMING PLAN (WEST) ROOF/PENTHOUSE ROOF PLANS CONCRETE COLUMN SCHEDULE CONCRETE COLUMN DETAILS JOIST & ROOF JOIST SCHEDULE & DETAILS BEAM SCHEDULE & DETAILS BEAM SCHEDULE & DETAILS STEEL DETAILS STEEL DETAILS DETAILS	H-1.1E H-1.1W H-1.2E H-1.2W H-1.3E H-1.3W H-1.4E H-1.4W	
ME-0.1	MECHANICAL AND ELECTRICAL LEGENDS	H-1.1E H-1.1W H-1.2E H-1.2W H-1.3E H-1.3W H-1.4E H-1.4W	
U-1.1 U-1.2 U-2.1 U-2.2 U-3.1	SITE UTILITIES PLAN TUNNEL UTILITIES PLAN SITE UTILITIES DETAILS SITE UTILITIES DETAILS TUNNEL ELECTRICAL PLAN	H-1.1E H-1.1W H-1.2E H-1.2W H-1.3E H-1.3W H-1.4E H-1.4W	
P-1.UE P-1.UW P-1.1E P-1.1W P-1.2E P-1.2W P-1.3E P-1.3W P-1.4E P-1.4W P-1.5 P-2.1 P-2.2 P-3.1 P-3.2 P-3.3 P-3.4 P-3.5 P-3.6 P-3.7 P-3.8 P-3.9 P-4.1 P-4.2 P-4.3 P-4.4 P-4.5 P-4.6 P-4.7 P-4.8 P-4.9 P-4.10 P-4.11 P-4.12	PLUMBING PLAN-UNDERFLOOR (EAST) PLUMBING PLAN-UNDERFLOOR (WEST) PLUMBING PLAN-FIRST FLOOR (EAST) PLUMBING PLAN-FIRST FLOOR (WEST) PLUMBING PLAN-SECOND FLOOR (EAST) PLUMBING PLAN-SECOND FLOOR (WEST) PLUMBING PLAN-THIRD FLOOR (EAST) PLUMBING PLAN-THIRD FLOOR (WEST) PLUMBING PLAN-FOURTH FLOOR (EAST) PLUMBING PLAN-FOURTH FLOOR (WEST) PLUMBING PLAN-PENTHOUSE PLUMBING DETAILS PLUMBING DETAILS PLUMBING RISERS PLUMBING RISERS PLUMBING RISERS PLUMBING RISERS PLUMBING RISERS PLUMBING RISERS PLUMBING RISERS PLUMBING RISERS PLUMBING RISERS PLUMBING RISERS PLUMBING RISERS PLUMBING PLAN-ENLARGED FIRST FLOOR - EAST PLUMBING PLAN-ENLARGED FIRST FLOOR - WEST PLUMBING PLAN-ENLARGED FIRST FLOOR - SE PLUMBING PLAN-ENLARGED FIRST FLOOR - SW PLUMBING PLAN-ENLARGED SECOND FLOOR - EAST PLUMBING PLAN-ENLARGED SECOND FLOOR - WEST PLUMBING PLAN-ENLARGED THIRD FLOOR - EAST PLUMBING PLAN-ENLARGED THIRD FLOOR - WEST PLUMBING PLAN-ENLARGED THIRD FLOOR - SOUTH PLUMBING PLAN-ENLARGED FOURTH FLOOR - EAST PLUMBING PLAN-ENLARGED FOURTH FLOOR - WEST PLUMBING PLAN-ENLARGED FOURTH FLOOR - SOUTH	H-1.1E H-1.1W H-1.2E H-1.2W H-1.3E H-1.3W H-1.4E H-1.4W	
FP-1.1E FP-1.1W FP-1.1W FP-1.2E FP-1.2W FP-1.3E FP-1.3W FP-1.4E FP-1.4W FP-1.5 FP-2.1 FP-3.1	FIRE PROTECTION PLAN-FIRST FLOOR (EAST) FIRE PROTECTION PLAN-FIRST FLOOR (WEST) FIRE PROTECTION PLAN-TUNNEL FIRE PROTECTION PLAN-SECOND FLOOR (EAST) FIRE PROTECTION PLAN-SECOND FLOOR (WEST) FIRE PROTECTION PLAN-THIRD FLOOR (EAST) FIRE PROTECTION PLAN-THIRD FLOOR (WEST) FIRE PROTECTION PLAN-FOURTH FLOOR (EAST) FIRE PROTECTION PLAN-FOURTH FLOOR (WEST) FIRE PROTECTION PLAN-PENTHOUSE FIRE PROTECTION DETAILS FIRE PROTECTION RISER DIAGRAM	H-1.1E H-1.1W H-1.2E H-1.2W H-1.3E H-1.3W H-1.4E H-1.4W	

RECORD DOCUMENTS
These Record Documents have been prepared based on information provided by others. The Consultant has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions that may be incorporated as a result of erroneous information provided by others.

Omni ARCHITECTS 12/1/02 DATE

COVER

	REVISIONS	DATE	NORTHERN KENTUCKY UNIVERSITY NATURAL SCIENCE BUILDING	
	1		RECORD DATE	DRAWING NO.
	2			Cover
	3		DRAWN BY	COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET
	4		CHECKED BY	DIVISION OF ENGINEERING DEPARTMENT FOR FACILITIES MANAGEMENT FRANKFORT, KENTUCKY
	5		A & E FILE NO.	REVIEWED DIV. OF ENGR.
	6		DATE	ENGR. FILE NO. I-111
	7		AGENCY AUTHORIZED AGENT	APPROVED FOR PROGRAM CONCEPT ONLY
	8		DIVISION OF ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY