



GENERAL NOTES

ROOF SURFACES SHADED HAVE A HORIZONTAL STRUCTURAL ROOF DECK WITH TAPERED INSULATION PROVIDING THE ROOF SLOPE INDICATED. NUMBERS ON PLAN INDICATE INSULATION THICKNESSES MEASURED FROM THIS LEVEL DECK AND ARE SHOWN FOR GENERAL INFORMATION PURPOSES ONLY. CONTRACTOR TO DETERMINE ACTUAL THICKNESS AS REQUIRED TO COMPLY WITH THE THERMAL PERFORMANCE (R-20 AVERAGE) AND SLOPE (1/4" PER FOOT MINIMUM) REQUIREMENTS SPECIFIED.

IDENTIFIED ROOF SURFACES ON THIS DRAWING HAVE A HORIZONTAL STRUCTURAL ROOF DECK WITH LIGHTWEIGHT CONCRETE TOPPING PROVIDING THE ROOF SLOPE INDICATED. NUMBERS ON PLAN INDICATE NOMINAL THICKNESS OF LIGHTWEIGHT CONCRETE TOPPING MEASURED FROM THE HORIZONTAL STRUCTURAL ROOF DECK AND ARE SHOWN FOR GENERAL INFORMATION PURPOSES ONLY. CONTRACTOR TO FIELD VERIFY ALL THICKNESSES REQUIRED TO PROVIDE MINIMUM ROOF SLOPE OF 1/4" PER FOOT AND 1/8" PER FOOT FOR CRICKETS AND SADDLES. ROOF SURFACE TO RECEIVE 3" RIGID INSULATION OVER LIGHTWEIGHT CONCRETE TOPPING TO PROVIDE R-20 PERFORMANCE, MINIMUM.

IDENTIFIED ROOF SURFACES ON THIS DRAWING HAVE A SLOPING STRUCTURAL ROOF DECK PROVIDING THE ROOF SLOPE INDICATED. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF STRUCTURAL MEMBERS. ROOF SURFACE TO RECEIVE 3" RIGID INSULATION OVER SLOPING STRUCTURAL DECK TO PROVIDE R-20 PERFORMANCE, MINIMUM. CONTRACTOR TO FIELD VERIFY ALL THICKNESSES REQUIRED FOR CRICKETS AND SADDLES TO PROVIDE ROOF SLOPE OF 1/4" PER FOOT AS SHOWN.

FINAL LOCATIONS OF ALL ROOF DRAINS TO BE COORDINATED WITH LOCATIONS OF STRUCTURAL MEMBERS.

PROVIDE CRICKETS AT ALL SKYLIGHTS AND OTHER SIMILAR ROOF PENETRATIONS.

REFER TO SHEET A-1.5 FOR ADDITIONAL ROOF INFORMATION

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

ROOF PLAN (EAST)

A-7.1

ROOF PLAN
 1/8" = 1'-0"

- 1 STRUCTURAL CONCRETE FOUNDATION - SEE STRUCTURAL DRAWINGS FOR DIMENSIONS, BEARING POINTS AND REINFORCING
- 2 STRUCTURAL CONCRETE SLAB - SEE STRUCTURAL DRAWINGS FOR DIMENSIONS, REINFORCING AND ENGINEERED FILL
- 3 EXPOSED CAST-IN-PLACE CONCRETE SURFACE - DO NOT PAINT
- 4 EXPOSED CAST-IN-PLACE CONCRETE WEARING SLAB OVER RIGID INSULATION MEMBRANE FLASHING OVER STRUCTURAL CONCRETE SLAB
- 5 LIGHTWEIGHT CONCRETE TOPPING OVER STRUCTURAL CONCRETE SLAB - SLOPE AT 1/4" PER FOOT TO DRAIN AS SHOWN ON ROOF PLAN
- 6 EXPOSED CAST-IN-PLACE CONCRETE WITH ARCHITECTURAL FINISH AND RUSTICATION JOINTS
- 7 CONCRETE REVEAL FOR SURFACE-MOUNTED LIGHT FIXTURE
- 8 CONCRETE MASONRY UNITS WITH HORIZONTAL JOINT REINFORCING AT 16" ON CENTER VERTICALLY - SEE FINISH SCHEDULE FOR FINISH
- 9 EXPOSED STEEL STRUCTURE WITH INTUMESCENT PAINTED FINISH - SEE STRUCTURAL DRAWINGS FOR SIZE AND DIMENSIONS
- 10 STEEL STRUCTURE - SEE STRUCTURAL DRAWINGS FOR SIZE AND DIMENSIONS
- 11 EXPOSED STEEL STRUCTURE WITH PAINTED FINISH - SEE STRUCTURAL DRAWINGS FOR SIZE AND DIMENSIONS
- 12 METAL ROOF DECK - SEE STRUCTURAL DRAWINGS FOR DEPTH AND GAUGE
- 13 STEEL EDGE ANGLE - SEE STRUCTURAL DRAWINGS FOR SIZE AND DIMENSIONS
- 14 16 GAUGE COLD-FORMED METAL STUDS AT 16" ON CENTER
- 15 16 GAUGE COLD-FORMED METAL FRAMING AT 16" ON CENTER
- 16 SECURE EACH COLD-FORMED FRAMING MEMBER TO STEEL STRUCTURE WITH SLOPED CONCRETE SURFACE
- 17 PROVIDE DOUBLE STUDS AT THIS LOCATION, TYPICAL
- 18 METAL STUDS AT 16" ON CENTER
- 19 METAL FRAMING AT 16" ON CENTER
- 20 EXTERIOR ALUMINUM GUARDRAIL WITH BLACK FLUOROPOLYMER FINISH - 42" HIGH
- 21 METAL HANDRAIL / GUARDRAIL WITH RUSTICATION JOINTS
- 22 HOLLOW METAL DOOR AND FRAME WITH PAINTED FINISH
- 23 FIRE-TREATED WOOD BLOCKING
- 24 SHIM AS REQUIRED AT PERIMETER SELECTED BY ARCHITECT WITH FLUOROPOLYMER FINISH (COLOR TO MATCH SURROUNDING FRAMING)
- 25 COMPOSITE ALUMINUM PANEL SYSTEM WITH FLUOROPOLYMER FINISH (COLOR TO MATCH SURROUNDING FRAMING)
- 26 CONCEALED FASTENERS, ALUMINUM MOUNTING TRACKS, AND SHIMS AS REQUIRED - EACH PANEL TO HAVE FLASHING AND WEAP HOLES - DO NOT CAULK OR GASKET JOINTS BETWEEN PANELS
- 27 AIR INFILTRATION BARRIER WITH TAPED JOINTS OVER 1/2" GLASSMAT-FACED EXTERIOR GYPSUM SHEATHING ON EXTERIOR FACE OF WALL AND 1/4" VAPOR BARRIER ON INTERIOR FACE OF WALL-FILL WALL CAVITY WITH BATT INSULATION
- 28 BACKER ROD AND SEALANT IN COMPOSITE ALUMINUM PANEL JOINTS IN THIS LOCATION ONLY
- 29 COMPOSITE ALUMINUM PANEL SYSTEM WITH FLUOROPOLYMER FINISH (COLOR TO MATCH SURROUNDING FRAMING)
- 30 COMPOSITE ALUMINUM PANEL SYSTEM BEYOND
- 31 EXTRUDED ALUMINUM COPING WITH FLUOROPOLYMER FINISH TO MATCH ALUMINUM COMPOSITE PANEL COLOR
- 32 EXTRUDED ALUMINUM FASCIA ROOF EDGE WITH FLUOROPOLYMER FINISH TO MATCH ALUMINUM COMPOSITE PANEL COLOR
- 33 HOT-ASPHALT-APPLIED MULTILAYER SBS MODIFIED BITUMEN ROOFING SYSTEM OVER 1/2" GLASSMAT-FACED INSULATION BOARD - INSULATION TO BE APPROVED BY ROOFING MANUFACTURER - PROVIDE PROTECTION BOARD WHERE REQUIRED BY ROOFING MANUFACTURER
- 34 SLOPE RIGID INSULATION BOARD AT 1/4" PER FOOT TO DRAIN AS SHOWN ON ROOF PLAN - R-30 AVERAGE
- 35 UNIFORM THICKNESS RIGID INSULATION BOARD - R-30 MINIMUM
- 36 1/2" GLASSMAT-FACED GYPSUM THERMAL BARRIER BOARD
- 37 EXTRUDED ALUMINUM COPING WITH FLUOROPOLYMER FINISH TO MATCH ALUMINUM COMPOSITE PANEL COLOR
- 38 TRANSLUCENT COMPOSITE FIBERGLASS PANELS WITH ALUMINUM FRAME WITH FLUOROPOLYMER FINISH TO MATCH ALUMINUM COMPOSITE PANEL COLOR
- 39 THERMALLY-BROKEN ALUMINUM STOREFRONT FRAMING SYSTEM WITH FLUOROPOLYMER FINISH
- 40 THERMALLY-BROKEN ALUMINUM CURTAINWALL FRAMING SYSTEM WITH FLUOROPOLYMER FINISH TO MATCH ALUMINUM COMPOSITE PANEL COLOR
- 41 THERMALLY-BROKEN ALUMINUM SKYLIGHT WITH FLUOROPOLYMER FINISH
- 42 1" INSULATING CLEAR GLAZING WITH LOW-EMISSIVITY COATING
- 43 1" INSULATING GREY TINTED GLAZING WITH LOW-EMISSIVITY COATING
- 44 5/8" GYPSUM BOARD OVER VAPOR BARRIER OVER RIGID INSULATION OVER 2" METAL FURRING
- 45 5/8" GYPSUM BOARD - SEE FINISH SCHEDULE FOR FINISHES AND WALL TYPE SCHEDULE FOR RATED MATERIALS
- 46 5/8" GYPSUM BOARD BEYOND
- 47 SUSPENDED ACOUSTIC CEILING SYSTEM WITH 2X2 PANEL TYPES - SEE FINISH SCHEDULE FOR PANEL TYPES
- 48 3/16" TAPERED RESILIENT BASE - SEE SCHEDULE FOR TYPE
- 49 WALL BASE - SEE SCHEDULE FOR TYPE
- 50 STEEL ACOUSTIC COVER WITH FLUOROPOLYMER FINISH TO MATCH ALUMINUM COMPOSITE PANEL COLOR
- 51 LABORATORY CASEWORK - SEE ENLARGED PLANS AND ELEVATIONS FOR CONFIGURATION AND DIMENSIONS
- 52 LIGHTWEIGHT CONCRETE TOPPING OVER STRUCTURAL METAL DECK - SLOPE AT 1/4" PER FOOT TO DRAIN AS SHOWN ON ROOF PLAN
- 53 EXPOSED CONCRETE FLOOR SLAB WITH TROWEL FINISH AND CLEAR HARDENER / SEALER
- 54 8" HIGH SURFACE-MOUNTED CAST ALUMINUM LETTERS / NUMBERS
- 55 FLOOR FINISH - SEE ROOM FINISH SCHEDULE FOR TYPE
- 56 COMPOSITE DRAINAGE / PROTECTION BOARD WITH INTEGRAL FILTER FABRIC OVER RUBBERIZED ASPHALT WATERPROOFING MEMBRANE - PROVIDE FOUNDATION DRAINS AS SHOWN
- 57 1" DEEP REVEAL IN CONCRETE SURFACE
- 58 5/8" GYPSUM BOARD OVER METAL FRAMING AT 16" ON CENTER
- 59 STRUCTURAL CONCRETE FRAME AND SLAB - SEE STRUCTURAL DRAWINGS FOR DIMENSIONS AND REINFORCING
- 60 EXPOSED STEEL STAIR SYSTEM WITH PAINTED FINISH - FILL STEEL TREAD PANS WITH CONCRETE AND PROVIDE 1 1/2" DIAMETER PIPE HANDRAILS AND GUARDRAILS AT 42" ABOVE FLOOR
- 61 FLOOR FINISH - SEE ROOM FINISH SCHEDULE FOR TYPE

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NORTHERN KENTUCKY UNIVERSITY
NATURAL SCIENCE BUILDING

RECORD DATE: _____
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 CHECKED BY: **MWJ**
 A & E FILE # _____

DATE: **6/99**

AGENCY AUTHORIZED AGENT: _____ DATE: _____
 DIVISION OF ENGINEERING: _____ DATE: _____

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