

STRUCTURAL CONCRETE FOUNDATION - SEE STRUCTURAL DRAWINGS FOR DIMENSIONS, BEARING POINTS AND REINFORCING

7 EXPOSED CAST-IN-PLACE CONCRETE WITH ARCHITECTURAL FINISH AND **RUSTICATION JOINTS**) STRUCTURAL CONCRETE SLAB - SEE STRUCTURAL DRAWINGS FOR

DIMENSIONS, REINFORCING, AND ENGINEERED FILL EXPOSED CAST-IN-PLACE CONCRETE SURFACE - DO NOT PAINT

SHOWN ON ROOF PLAN

4 EXPOSED CAST-IN-PLACE CONCRETE SURFACE BEYOND 5 EXPOSED CAST-IN-PLACE CONCRETE WEARING SLAB OVER RIGID INSULATION OVER MEMBRANE FLASHING OVER STRUCTURAL CONCRETE SLAB 6) LIGHTWEIGHT CONCRETE TOPPING OVER STRUCTURAL CONCRETE SLAB -SLOPE AT 1/4" PER FOOT TO DRAIN AS

8 CONCRETE REVEAL FOR SURFACE-MOUNTED LIGHT FIXTURE

9 CONCRETE MASONRY UNITS WITH HORIZONTAL JOINT REINFORCING AT 16" ON CENTER VERTICALLY - SEE FINISH SCHEDULE FOR FINISH (10) EXPOSED STEEL STRUCTURE WITH INTUMESCENT PAINTED FINISH - SEE

STRUCTURAL DRAWINGS FOR SIZE AND DIMENSIONS 11) STEEL STRUCTURE - SEE STRUCTURAL DRAWINGS FOR SIZE AND DIMENSIONS 12) EXPOSED STEEL STRUCTURE WITH PAINTED FINISH - SEE STRUCTURAL DRAWINGS FOR SIZE AND DIMENSIONS

13 METAL ROOF DECK - SEE STRUCTURAL DRAWINGS FOR DEPTH AND GAUGE

SECURE EACH COLD-FORMED FRAMING MEMBER TO STEEL STRUCTURE WITH SLIP JOINT FOR DEFLECTION

(18) SLOPED CONCRETE SURFACE 19 PROVIDE DOUBLE STUDS AT THIS LOCATION, TYPICAL (20) METAL STUDS AT 16" ON CENTER (21) METAL FRAMING AT 16" ON CENTER

14) STEEL EDGE ANGLE - SEE STRUCTURAL DRAWINGS FOR SIZE AND DIMENSIONS 15 16 GAUGE COLD-FORMED METAL STUDS AT 16" ON CENTER 16 GAUGE COLD-FORMED METAL FRAMING AT 16" ON CENTER

> (27) SOLID SURFACING WINDOW 30 AIR INFILTRATION BARRIER WITH TAPED JOINTS OVER 1/2" GLASSMAT-FACED EXTERIOR GYPSUM SHEATHING ON EXTERIOR FACE OF WALL AND 6 MIL VAPOR BARRIER ON INTERIOR FACE OF

EXTERIOR ALUMINUM GUARDRAIL WITH
BLACK FLOUROPOLYMER FINISH - 42" HIGH

INSULATION
BACKER ROD AND SEALANT

(23) METAL HANDRAIL / GUARDRAIL WITH HOLLOW METAL DOOR AND FRAME WITH PAINTED FINISH (25) FIRE-TREATED WOOD BLOCKING

WALL- FILL WALL CAVITY WITH BATT

INSULATION

(26) SHIM AS REQUIRED AT PERIMETER APPROXIMATE FINISH GRADE - SEE SITE DRAWINGS FOR ELEVATION PANELS

(32) BACKER ROD AND SEALANT IN COMPOSITE ALUMINUM PANEL JOINTS IN THIS LOCATION ONLY

COMPOSITE ALUMINUM SPANDREL PANEL WITH FINISH TO MATCH SURROUNDING FRAME COMPOSITE ALUMINUM PANEL SYSTEM WITH FLUOROPOLYMER FINISH (COLOR SELECTED BY ARCHITECT) WITH CONCEALED FASTENERS, ALUMINUM MOUNTING TRACKS, AND SHIMS AS REQUIRED - EACH PANEL TO HAVE FLASHING AND WEEP HOLES - DO NOT CAULK OR GASKET JOINTS BETWEEN

WITH FLUOROPOLYMER FINISH TO

MATCH ALUMINUM COMPOSITE PANEL COLOR

COMPOSITE ALUMINUM PANEL SYSTEM 36 COMPOSITE ALUMINUM PANEL COPING WITH FLUOROPOLYMER FINISH TO

37 EXTRUDED ALUMINUM COPING WITH FLUOROPOLYMER FINISH TO MATCH ALUMINUM COMPOSITE PANEL COLOR EXTRUDED ALUMINUM FASCIA/ROOF EDGE WITH FLUOROPOLYMER FINISH TO

MATCH ALUMINUM COMPOSITE PANEL (39) HOT-ASPHALT-APPLIED MULTI-PLY SBS MODIFIED BITUMEN ROOFING SYSTEM OVER POLYISOCYANURATE INSULATION BOARD - INSULATION TO BE APPROVED BY ROOFING MANUFACTURER - PROVIDE PROTECTION BOARD WHERE REQUIRED BY ROOFING MANUFACTURER

UNIFORM THICKNESS RIGID INSULATION BOARD - R-20 MINIMUM

42) 1/2" GLASSMAT-FACED GYPSUM THERMAL BARRIER BOARD

THERMALLY-BROKEN ALUMINUM STOREFRONT FRAMING SYSTEM WITH BLACK FLUOROPOLYMER FINISH TRANSLUCENT COMPOSITE FIBERGLASS PANELS WITH ALUMINUM FRAME WITH FLUOROPOLYMER FINISH TO MATCH ALUMINUM COMPOSITE PANEL COLOR

THERMALLY-BROKEN ALUMINUM SKYLIGHT WITH FLUOROPOLYMER

THERMALLY-BROKEN ALUMINUM SLOPE RIGID INSULATION BOARD AT 1/4" PER FOOT TO DRAIN AS SHOWN ON ROOF PLAN - R-20 AVERAGE

(49) 1" INSULATING GREY TINTED GLAZING 50) 5/8" GYPSUM BOARD OVER VAPOR BARRIER OVER RIGID INSULATION OVER 2" METAL FURRING

48) 1" INSULATING CLEAR GLAZING WITH

SYSTEM WITH 2'X2' PANELS - SEE FINISH SCHEDULE FOR PANEL TYPES

3 1/2" TAPERED RESILIENT BASE - SEE SCHEDULE FOR TYPE

45) THERMALLY-BROKEN ALUMINUM STOREFRONT FRAMING SYSTEM WITH FLUOROPOLYMER FINISH TO MATCH 5/8" GYPSUM BOARD - SEE FINISH SCHEDULE FOR FINISHES AND WALL TYPE SCHEDULE FOR RATED ALUMINUM COMPOSITE PANEL COLOR (52) 5/8" GYPSUM BOARD BEYOND CURTAINWALL FRAMING SYSTEM WITH FLUOROPOLYMER FINISH TO MATCH ALUMINUM COMPOSITE PANEL COLOR 53) SUSPENDED ACOUSTIC CEILING

56 STEEL ACOUSTIC LOUVER WITH FLUOROPOLYMER FINISH TO MATCH ALUMINUM COMPOSITE PANEL COLOR) LABORATORY CASEWORK - SEE ENLARGED PLANS AND ELEVATIONS FOR CONFIGURATION AND DIMENSIONS

(55) WALL BASE - SEE SCHEDULE FOR TYPE

(58) LIGHTWEIGHT CONCRETE TOPPING OVER STRUCTURAL METAL DECK -SLOPE AT 1/4" PER FOOT TO DRAIN AS SHOWN ON ROOF PLAN

59 EXPOSED CONCRETE FLOOR SLAB WITH TROWEL FINISH AND CLEAR HARDENER / SEALER 60 8" HIGH SURFACE-MOUNTED CAST ALUMINUM LETTERS / NUMBERS

(61) COMPOSITE DRAINAGE / PROTECTION BOARD WITH INTEGRAL FILTER FABRIC OVER RUBBERIZED ASPHALT WATERPROOFING MEMBRANE -PROVIDE FOUNDATION DRAINS AS

62) 1" DEEP REVEAL IN CONCRETE SURFACE 63 5/8" GYPSUM BOARD OVER METAL FRAMING AT 16" ON CENTER 64) STRUCTURAL CONCRETE FRAME AND SLAB - SEE STRUCTURAL DRAWINGS FOR DIMENSIONS AND REINFORCING

65 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 66 FLOOR FINISH - SEE ROOM FINISH SCHEDULE FOR TYPE

REVISIONS DATE **NORTHERN KENTUCKY UNIVERSITY** NATURAL SCIENCE BUILDING COMMONWEALTH . COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET DIVISION OF ENGINEERING DEPARTMENT FOR FACILITIES MANAGEMENT CHECKED BY FRANKFORT, KENTUCKY REVIEWED DIV. OF ENGR. Omni ENGR. FILE Nº I-111 **AGENCY** DATE JTHORIZED AGENT APPROVED FOR PROGRAM CONCEPT ONLY DIVISION OF **ENGINEERING** APPROVED FOR PROGRAM CONCEPT ONLY