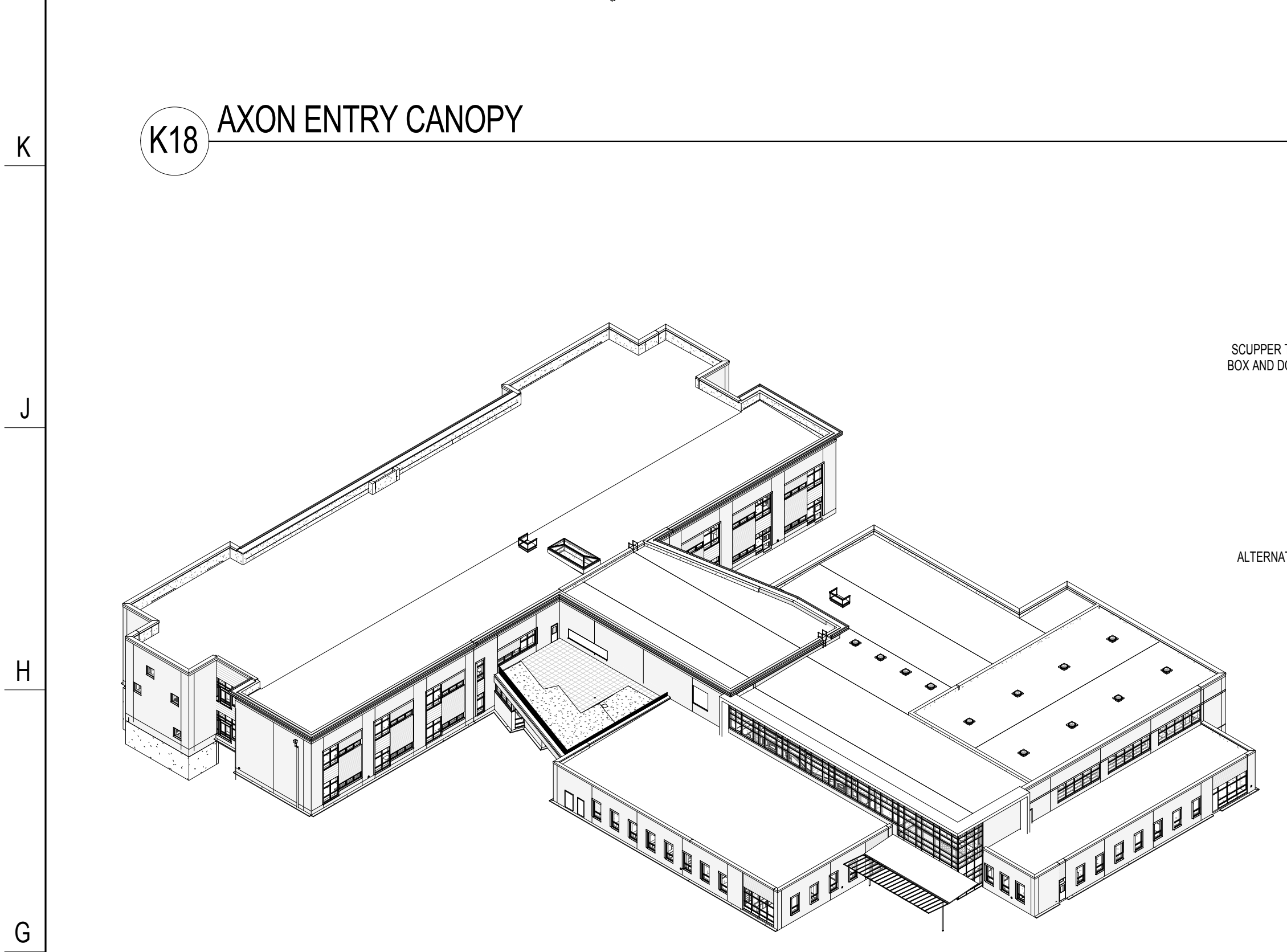
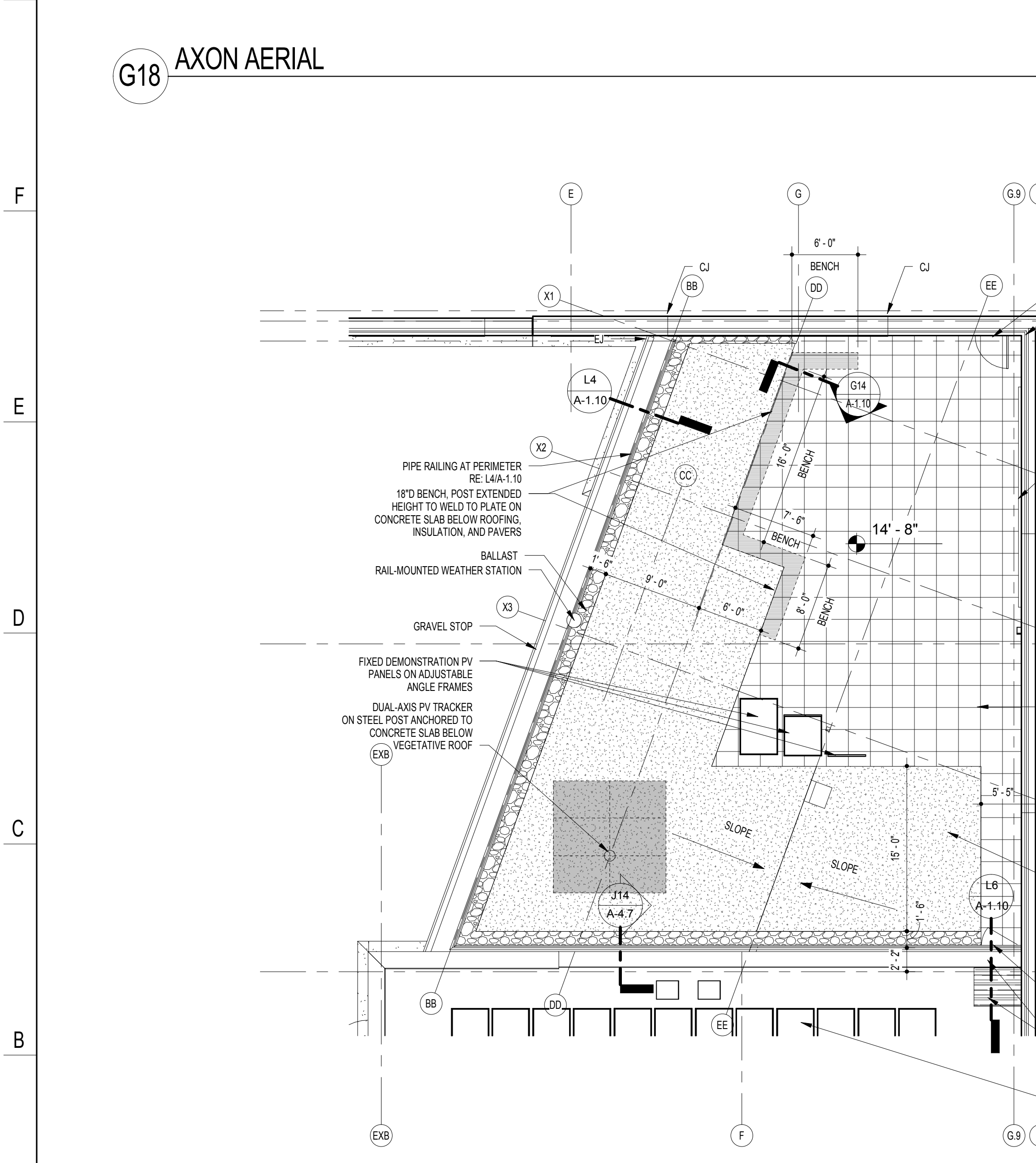


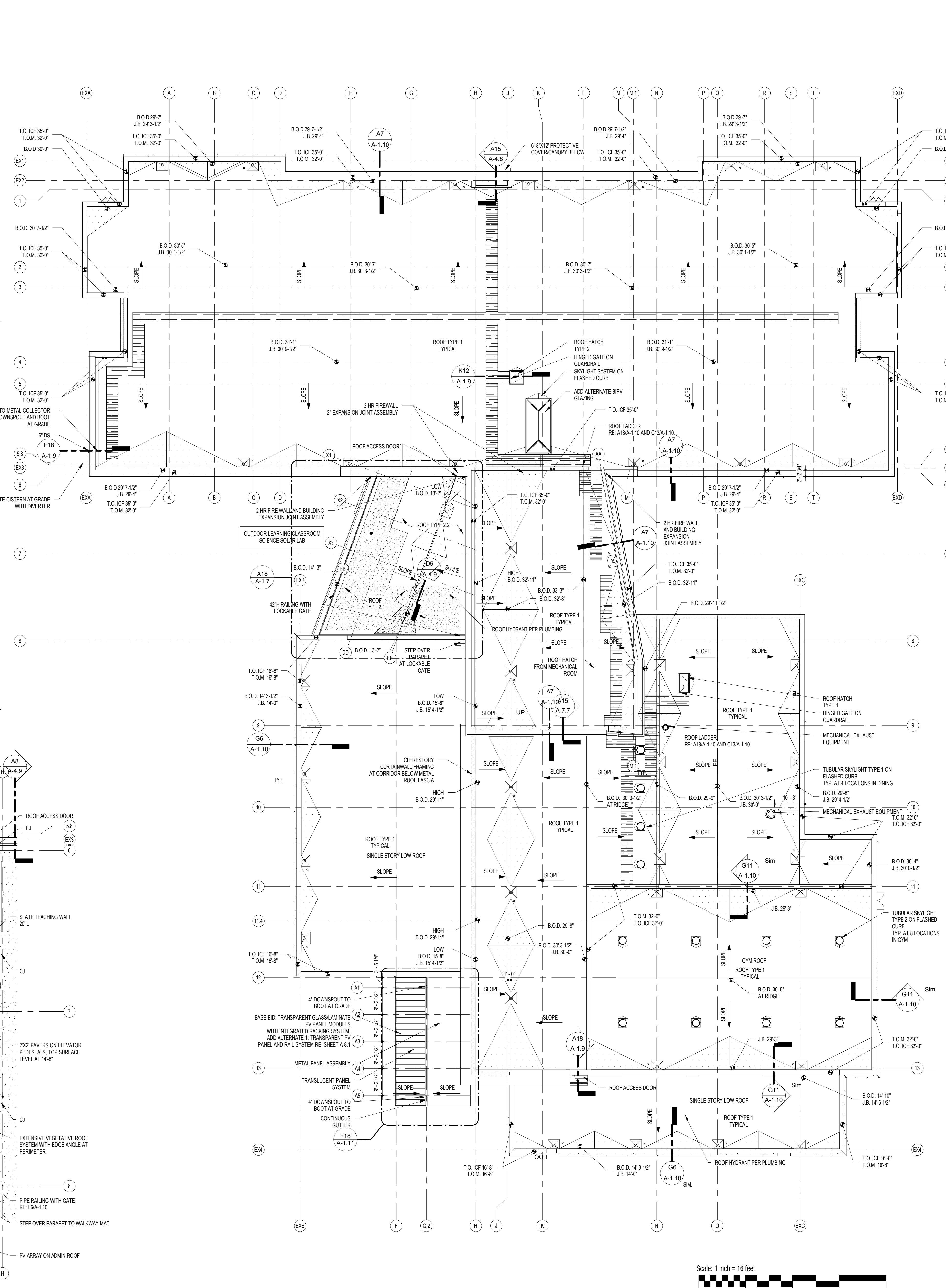
K18 AXON ENTRY CANOPY



G18 AXON AERIAL



A18 ENLARGED ROOF PLAN DETAIL - SOLAR LAB/OUTDOOR LEARNING CLASSROOM
1/8" = 1'-0"

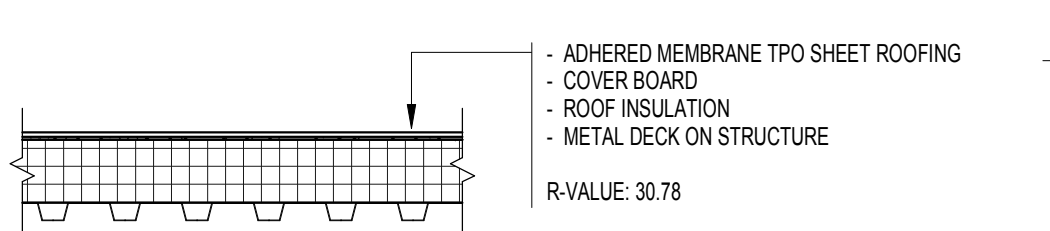


A11 ROOF PLAN
1/16" = 1'-0"

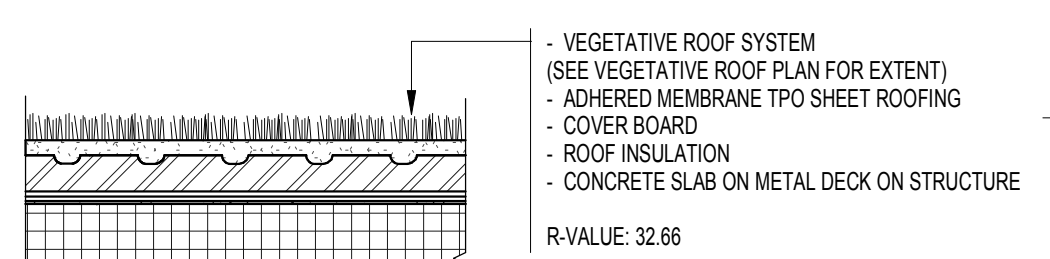
GENERAL VIEW NOTE (NOTES APPLY TO ALL 3D VIEWS)
THIS AXONOMETRIC OR PERSPECTIVE VIEW IS TO AID IN THE GENERAL VISUALIZATION OF THE PROJECT. SOME ELEMENTS MAY BE MISSING FOR CLARITY.
FOR CONSTRUCTION DETAILS, REFERENCE THE PLANS, SECTIONS, AND ENLARGED DETAILS AS WELL AS ENGINEERING DRAWINGS.

ROOF TYPES

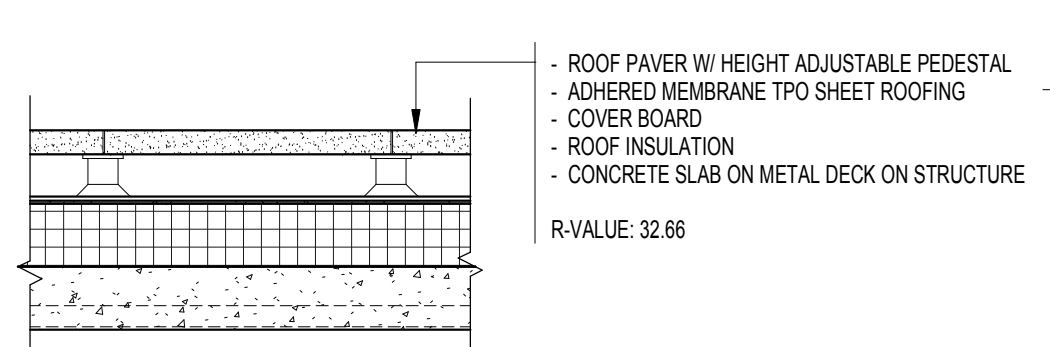
ROOF TYPE-1 (TYPICAL): ADHERED MEMBRANE ROOF



ROOF TYPE-2.1: VEGETATED ROOF



ROOF TYPE-2.2: WALKWAY ROOF PAVERS

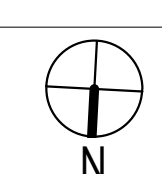
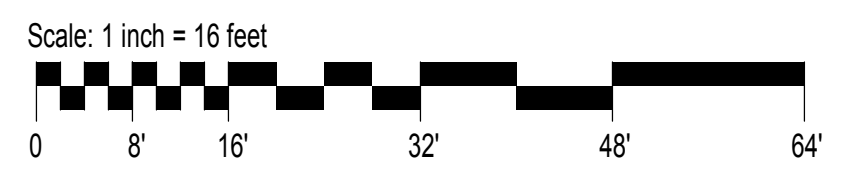


TYPICAL ROOF NOTES

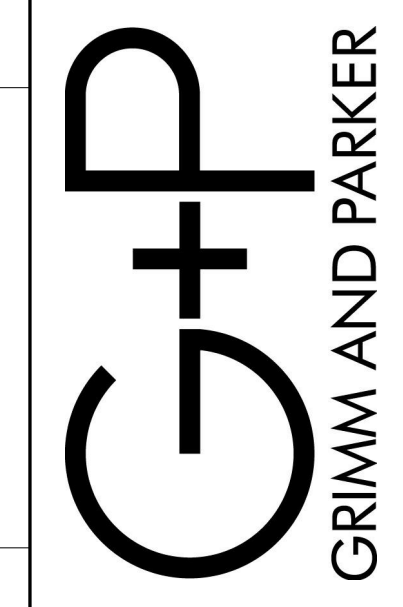
- GENERAL NOTE APPLICABLE TO ALL DRAWINGS - ITEMS AND CONDITIONS DETAILED, NOTED OR OTHERWISE IDENTIFIED ON ONE OF THE SECTIONS OR DETAILS ARE APPLICABLE AND BINDING TO ALL OTHER SECTIONS AND DETAILS FOR IDENTICAL OR SIMILAR CONDITIONS.
- DETAILS INDICATED ARE TYPICAL FOR ALL SIMILAR ROOFING CONDITIONS UNLESS OTHERWISE NOTED.
 - UNLESS OTHERWISE NOTED, MINIMUM ROOF SLOPE IS 1/4" PER FOOT. PROVIDE TAPERED INSULATION (EVEN IF NOT SHOWN ON THIS PLAN) AS REQUIRED TO MAINTAIN MINIMUM REQUIRED SLOPE TO ROOF DRAIN AND ELIMINATE ANY AREAS OF POTENTIAL STANDING WATER. PROVIDE TAPERED INSULATION (MINIMUM 1/4" PER FOOT SLOPE) AT ALL CRICKETS INDICATED TO DRAINS. COORDINATE HEIGHTS OF ALL FLASHINGS AND EXPANSION JOINT CAPS WITH TAPERED INSULATION TO MAINTAIN MINIMUM DIMENSIONS DETAILED.
 - ALL ROOF PENETRATIONS AND ACCESSORIES (DRAINS, VENTS, ETC.) ARE TO BE INSTALLED AND FLASHED IN COMPLIANCE WITH THE CURRENT EDITIONS OF M.C.A. ROOFING AND WATERPROOFING MANUAL AND S.M.A.C.N.A. (ARCHITECTURAL SHEET METAL MANUAL). COORDINATE WITH MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ITEMS INCLUDING UNIT SIZES AND LOCATIONS NOT SHOWN OR SUPERSEDED BY OTHER DRAWINGS.
 - CONTRACTOR FOR ROOF TOP MECHANICAL EQUIPMENT ARE PROVIDED BY THE MECHANICAL CONTRACTOR. REFER TO TYPICAL CURB FLASHING DETAIL FOR BLOCKING AND FLASHING REQUIREMENTS. PROVIDE ALL BLOCKING NECESSARY TO ACHIEVE LEVEL MECHANICAL CURBS AT ALL LOCATIONS. MAINTAIN MINIMUM 8" FROM TOP OF CURB TO ADJACENT ROOF. PROVIDE TAPERED CRICKETS (MINIMUM 1/2" PER FOOT SLOPE) AROUND ALL MECHANICAL EQUIPMENT CURBS.
 - THE ROOF DRAIN AND MECHANICAL UNIT LOCATIONS SHOWN ON THE ROOF PLAN ARE APPROXIMATE. COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATIONS.
 - PRIOR TO FLASHING OVERFLOW ROOF SCUPPERS AND ROOF DRAIN, ROOFING CONTRACTOR SHALL BE REQUIRED TO CONFIRM MINIMUM DRAIN PIPE HEIGHT OF 3" ABOVE ROOF IN ACCORDANCE WITH PLUMBING DRAWINGS.
 - START TAPERED INSULATION AT DRAIN PLATES. INSULATION SHALL BE TAPERED DOWN FROM ALL SIDES OF INDICATED DRAIN PLATES. REFER TO TYPICAL ROOF DRAIN DETAIL A19A-1.9 IN ACCORDANCE WITH SPECIFICATION SECTION #7020 SHEET METAL FLASHING AND TRIM. ROOFING CONTRACTOR SHALL BE REQUIRED TO PROVIDE RECEIVER FLASHING TO MASONRY CONTRACTOR FOR INSTALLATION. ROOFER TO SOLDER JOINTS IN STAINLESS STEEL FLASHING. PROVIDE WALKWAY PROTECTION WHERE INDICATED. AND AT ALL SIDES OF MECHANICAL ROOF TOP UNITS REQUIRING SERVICE AND AT TOP AND BOTTOM OF ALL ROOF STAIRS.
 - ALL ROOF TOP EQUIPMENT (EXCLUDING PREFINISHED ITEMS) SHALL BE FIELD PAINTED. WHERE INDICATED, REFER TO PLUMBING DRAWINGS FOR RADON PIPE DETAIL. FLASHING SHALL BE IN ACCORDANCE WITH TYPICAL DETAILS.
 - CONTRACTOR IS RESPONSIBLE FOR PROVIDING FRT WOOD BLOCKING AS REQUIRED TO ACCOMMODATE ALL PROFILES OF FINISHED ROOFING INCLUDING CRICKETS AND TAPERED INSULATION AT WALLS, PARAPETS AND GRAVEL STOPS. GRAVEL STOPS AT GUTTERS TO BE STAINLESS STEEL WITH SOLDERED JOINTS. COORDINATE HOSE BIB LOCATIONS ON ROOF WITH MEP PLANS.
 -

ROOF SYMBOLS KEY

	ROOF DRAIN WITH TAPERED INSULATION - TYP. SUMP SHALL BE 4'-0" X 3'-0" RE A19A-1.9 SIMILAR
	ROOF DRAIN WITH TAPERED INSULATION - TYP. SUMP SHALL BE 4'-0" X 4'-0" SEE DETAIL FOR OVERFLOW AT EACH DRAIN RE A19A-1.9
	DIRECTION OF SLOPE FROM HIGH POINT - ROOF SLOPES @ 1/4" PER FOOT, MINIMUM, UNLESS OTHERWISE NOTED
	TOP OF MASONRY
	TOP OF ICF (INSULATED CONCRETE FORM WALL)
	TOP OF STEEL
	JOIST BEARING
	BOTTOM OF DECK
	DETAIL @ TOP OF WALL
	DETAIL @ LOW ROOF WALL - FLASHING CONDITION
	ROOF HATCH
	DRAIN DOWN TO CAST IRON DOWNSPOUT ROOT AT GRADE - SEE CIVIL DRAWINGS FOR CONNECTION
	OVERFLOW SCUPPER - SEE DETAIL F8A-1.9
	PHOTOVOLTAIC PANELS (PV)
	BALLAST AT PERIMETER OF VEGETATIVE ROOF
	ROOF WALKWAY - 36" WIDE CAPSHEET ADHERED TO ROOF PER MANUFACTURER'S RECOMMENDATIONS AT LOW SLOPE ROOF
	EXTENSIVE VEGETATIVE ROOF
	24"x24" PAVERS ONE ADJUSTABLE ELEVATOR PEDESTALS AT OUTDOOR CLASSROOM
	TUBULAR SKYLIGHT, TYPES 1 AND 2



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GP# 21553

ROOF PLAN

HOLABIRD ACADEMY PK-8
CITY OF BALTIMORE, MARYLAND

DATE	DESCRIPTION

A-1.7
03/13/2017
BID SET