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FLOOR, ROOF & WALL  
ASSY TYPES

CWS PROJECT NUMBER: 15.063

REVISIONS

DRAWING NUMBER

**A0.01**

SCALE: AS NOTED  
DATE: 02/10/2017

ASSEMBLY TYPE	ROOF/CEILING ASSEMBLY TYPES		WALL TYPE	FIRE RATINGS & ACOUSTICAL RATINGS	WALL TYPE SCHEDULE		WALL TYPE	FIRE RATINGS & ACOUSTICAL RATINGS	WALL TYPE SCHEDULE			
	GENERAL DESCRIPTION	GENERAL PICTORIAL			GENERAL WALL TYPE DESCRIPTION	GENERAL PICTORIAL			GENERAL WALL TYPE DESCRIPTION	GENERAL PICTORIAL		
RCX	<b>EXISTING ROOF STRUCTURE ASSEMBLY – NEW ROOFING MEMBRANE</b> • ROOFING MEMBRANE AS SPECIFIED • POLYISOCYANURATE INSULATION – MIN R20, BUILT UP AND SLOPED FOR ROOF DRAINAGE – REF ROOF PLAN • EXISTING STEEL ROOF DECK TO REMAIN – VERIFY WITH STRUCTURAL ENGINEER • EXISTING STEEL ROOF JOISTS TO REMAIN – REF STRUCTURAL DRAWINGS FOR REPAIR & REINFORCEMENT SCOPE		1A		<b>TYPICAL EXISTING EXTERIOR CMU WALL ASSEMBLY</b> • EXISTING 8"x8"x16" CMU WALL EXTENDING FROM T.O. EXISTING FROST WALL, TO UNDERSIDE OF ROOF DECK/STRUCTURE. • PATCH & REPAIR PER STRUCTURAL DRAWINGS • SOLID FILL CORES AT LOCATIONS INDICATED ON STRUCTURAL DRAWINGS			2A		<b>FURRED EXTERIOR WALL ASSEMBLY W/ INSULATED METAL PANEL SIDING</b> • 6" INSULATED RIBBED METAL PANEL SYSTEM • 6" STL STUDS @ 16" O.C. (CMU BACKUP WALL ASSEMBLY AS INDICATED – REF FLOOR PLAN FOR LOCATIONS)		
					<b>TYPICAL CMU INFILL WALL ASSEMBLY</b> • 8"x8"x16" CMU WALL EXTENDING FROM T.O. EXISTING FROST WALL, TO UNDERSIDE OF EXISTING MASONRY OPENING OR UNDERSIDE OF ROOF DECK/STRUCTURE • TIE IN WITH EXISTING PER STRUCTURAL DRAWINGS • SOLID FILL CORES AT LOCATIONS INDICATED ON STRUCTURAL DRAWINGS					<b>EXTERIOR WALL FINISH ASSEMBLY W/ MODULAR METAL PANEL SIDING</b> • MODULAR METAL PANEL SYSTEM – REFERENCE BUILDING ELEVATIONS FOR JOINT LAYOUT. • 7/16" PLASTIC FURRING STRIPS, SPACED AS REQ'D TO ACCOMMODATE FASTENING REQUIREMENTS FOR EXTERIOR FINISH SYSTEM. • CONTINUOUS WATER-RESISTIVE BARRIER SYSTEM • 2.6" THICK XCI PLY HUNTER PANEL: R-12.7 WITH 5/8" APA RATED PLYWOOD SHEATHING & 2" POLYISOCYANURATE INSULATION. REFER TO STRUCTURAL DRAWINGS FOR FASTENER SIZE, SPACING, AND BLOCKING REQUIREMENTS CMU BACKUP WALL ASSEMBLY AS INDICATED – REF FLOOR PLAN		
RC1	<b>TYPICAL METAL JOIST ROOF ASSEMBLY</b> • ROOFING MEMBRANE AS SPECIFIED • POLYISOCYANURATE INSULATION – MIN R20, WITH SLOPED CRICKETS FOR ROOF DRAINAGE – REF ROOF PLAN • STEEL ROOF DECK – REFERENCE STRUCTURAL DRAWINGS FOR MORE INFORMATION. • PRE-ENGINEERED STEEL ROOF JOISTS AND BEAMS, SLOPED FOR ROOF DRAINAGE – REFERENCE STRUCTURAL DRAWINGS FOR MORE INFORMATION		1A		<b>EXISTING FOUNDATION WALL ASSEMBLY</b> • 2" RIGID INSULATION • FLUID APPLIED DAMP PROOFING • EXISTING CONCRETE FROST WALL ASSEMBLY TO REMAIN			3A		<b>EXTERIOR WALL FINISH ASSEMBLY W/ MODULAR METAL PANEL SIDING</b> • MODULAR METAL PANEL SYSTEM – REFERENCE BUILDING ELEVATIONS FOR JOINT LAYOUT. • 7/16" PLASTIC FURRING STRIPS, SPACED AS REQ'D TO ACCOMMODATE FASTENING REQUIREMENTS FOR EXTERIOR FINISH SYSTEM. • CONTINUOUS WATER-RESISTIVE BARRIER SYSTEM • 2.6" THICK XCI PLY HUNTER PANEL: R-12.7 WITH 5/8" APA RATED PLYWOOD SHEATHING & 2" POLYISOCYANURATE INSULATION. REFER TO STRUCTURAL DRAWINGS FOR FASTENER SIZE, SPACING, AND BLOCKING REQUIREMENTS CMU BACKUP WALL ASSEMBLY AS INDICATED – REF FLOOR PLAN		
RC3	<b>TYPICAL METAL JOIST ROOF ASSEMBLY</b> • SAME AS RC1 **EXCEPT** PROVIDE ADDITIONAL INSULATION (APPROXIMATELY 3") TO ACCOMMODATE ROOF DRAIN LOCATION ON ADJACENT ROOF PLANE		1A		<b>NEW FOUNDATION WALL ASSEMBLY</b> • 2" RIGID INSULATION • FLUID APPLIED DAMP PROOFING • CONCRETE FOUNDATION WALL – REFERENCE STRUCTURAL DRAWINGS FOR MORE INFORMATION • EXISTING CONCRETE FROST WALL ASSEMBLY TO REMAIN			3B		<b>FURRED EXTERIOR WALL ASSEMBLY W/ MODULAR METAL PANEL SIDING</b> • MODULAR METAL PANEL SYSTEM – REFERENCE BUILDING ELEVATIONS FOR JOINT LAYOUT. • 7/16" PLASTIC FURRING STRIPS, SPACED AS REQ'D TO ACCOMMODATE FASTENING REQUIREMENTS FOR EXTERIOR FINISH SYSTEM. • CONTINUOUS WATER-RESISTIVE BARRIER SYSTEM • 2.6" THICK XCI PLY HUNTER PANEL: R-12.7 WITH 5/8" APA RATED PLYWOOD SHEATHING & 2" POLYISOCYANURATE INSULATION. REFER TO STRUCTURAL DRAWINGS FOR FASTENER SIZE, SPACING, AND BLOCKING REQUIREMENTS • 1-5/8" METAL STUDS @ 16" O.C. CMU BACKUP WALL ASSEMBLY AS INDICATED – REF FLOOR PLAN		
RC2	<b>STEEL BEAM EXTERIOR ROOF / CEILING ASSEMBLY</b> • ADHERED ROOFING MEMBRANE AS SPECIFIED • RIGID INSULATION (MIN 1") – TAPERED FOR DRAINAGE • STEEL ROOF DECK – REFERENCE STRUCTURAL DRAWINGS FOR MORE INFORMATION. • STEEL BEAMS AND/OR CHANNELS – REFERENCE STRUCTURAL DRAWINGS FOR MORE INFORMATION • 2X WOOD BLOCKING AS REQ'D • 3/4" PLYWOOD BACKING • WATER-RESISTIVE BARRIER • FLUSH PANEL SOFFIT SYSTEM		1B		<b>NEW FOUNDATION WALL ASSEMBLY</b> • 2" RIGID INSULATION • FLUID APPLIED DAMP PROOFING • CONCRETE FOUNDATION WALL – REFERENCE STRUCTURAL DRAWINGS FOR MORE INFORMATION • EXISTING CONCRETE FROST WALL ASSEMBLY TO REMAIN			3B		<b>FURRED EXTERIOR WALL ASSEMBLY W/ MODULAR METAL PANEL SIDING</b> • MODULAR METAL PANEL SYSTEM – REFERENCE BUILDING ELEVATIONS FOR JOINT LAYOUT. • 7/16" PLASTIC FURRING STRIPS, SPACED AS REQ'D TO ACCOMMODATE FASTENING REQUIREMENTS FOR EXTERIOR FINISH SYSTEM. • CONTINUOUS WATER-RESISTIVE BARRIER SYSTEM • 2.6" THICK XCI PLY HUNTER PANEL: R-12.7 WITH 5/8" APA RATED PLYWOOD SHEATHING & 2" POLYISOCYANURATE INSULATION. REFER TO STRUCTURAL DRAWINGS FOR FASTENER SIZE, SPACING, AND BLOCKING REQUIREMENTS • 1-5/8" METAL STUDS @ 16" O.C. CMU BACKUP WALL ASSEMBLY AS INDICATED – REF FLOOR PLAN		
RC4	<b>PARAPET KICKER ASSEMBLY</b> • ROOFING MEMBRANE AS SPECIFIED • POLYISOCYANURATE INSULATION – MIN R20 – REF ROOF PLAN • 3/4" PT PLYWOOD SHEATHING • LIGHT-GUAGE FRAMING INFILL AT 24" O.C. MAX. (DESIGN BY OTHERS). HOLD OFF ROOF DECK, FASTEN TO ADJACENT STRUCTURAL KICKER FRAMING – REFERENCE STRUCTURAL DRAWINGS FOR MORE INFORMATION (ABOVE CONTINUOUS STEEL ROOF DECK & JOISTS CARRIED OVER FROM RC1)		1C		<b>NEW FOUNDATION WALL ASSEMBLY</b> • 2" RIGID INSULATION • FLUID APPLIED DAMP PROOFING • CONCRETE FROST WALL ASSEMBLY – REFERENCE STRUCTURAL DRAWINGS FOR MORE INFORMATION			3C		<b>PARTITION SCHEDULE NOTES:</b> 1. PROVIDE MOISTURE RESISTANT TYPE "MRX" GWB AT ALL WALL AND CEILING SURFACES WITHIN ALL BATHROOMS AND JANITORS CLOSETS. PROVIDE TYPE "MRX" GWB TO 4'-0" A.F.F. BEHIND ALL SINK LOCATIONS, TYP. PROVIDE CEILING SUPPORT CHANNELS @ 16" O.C. AT ALL LOCATIONS WHERE MRX BOARD IS USED ON CEILINGS PER ASTM STANDARDS. 2. PROVIDE MIN. 1/2" CLEARANCE BETWEEN CONC. SLAB AND GWB AND SEAL WITH ACOUSTIC SEALANT. 2.1. PROVIDE SILL SEALER INSULATION FOR BOTH TOP AND BOTTOM PLATES OF FULL-HEIGHT WALLS AND PERIMETER BUILDING EDGES. 3. BRACE WALL ASSEMBLIES TO STRUCTURE ABOVE AT ALL DOORS AND ELSEWHERE AS REQUIRED. 4. PROVIDE SOLID BLOCKING AS INDICATED ON DRAWINGS AND AS REQUIRED BY MANUFACTURER'S EQUIPMENT (KITCHEN CASE WORK, TOILET AND BATH ACCESSORIES, CLOSET RODS AND SHELVING, H.C. GRAB BARS, AND WALL MOUNTED DOOR STOPS.) 5. PROVIDE CONTINUOUS ACOUSTICAL SEALANT AT ALL PENETRATIONS (I.E. ELECTRICAL BOXES, DUCTS, SPRINKLER HEADS, ETC.) IN WALLS, FLOORS, AND CEILINGS. PROVIDE FIRE RATED SEALANT AT FIRE RATED WALL ASSEMBLIES, HILTI OR EQUAL. 5.1. WHEN WALL DEVICES (I.E. ELECTRICAL OUTLETS, PIPES, TELEPHONE JACKS, ETC.) OCCUR IN FULL-HEIGHT WALLS, PROVIDE CONTINUOUS ACOUSTICAL SEALANT ALONG ALL PERIMETER EDGES AND BACKS OF DEVICES. 5.2. WHEN WALL PENETRATIONS (I.E. ELECTRICAL OUTLETS, PIPES, TELEPHONE JACKS, ETC.) OCCUR ON OPPOSITE SIDES OF FULL-HEIGHT WALLS, OFFSET PENETRATION BY AT LEAST ONE COMPLETE STUD CAVITY OR 24 INCHES, OTHERWISE PROVIDE PUPPET PADS AT BOXES. 6. SEAL ALL PENETRATIONS IN WATER-RESISTIVE BARRIER SYSTEM (EXTERIOR WALLS, AND CONCRETE SLAB-ON-GRADE) AS REQUIRED WITH APPROVED SEALERS, INSULATIONS, AND TAPES. 7. REFERENCE FLOOR PLAN FOR SPECIFIC PARTITION NOTING AND DETAIL REFERENCING. REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION. 8. REFERENCE A7.01 FOR AIR SEALING DIAGRAM PERTAINING TO EXTERIOR WALL ASSEMBLIES.		
RC5	<b>STEEL STUD-FRAMED ALUMINUM CANOPY ASSEMBLY</b> • STANDING SEAM METAL ROOF ASSEMBLY • A/V BARRIER • 3/4" PT PLYWOOD SHEATHING • SLOPED STEEL STUD FRAMING (DESIGN BY OTHERS) AT 24" O.C. MAX. – REFERENCE WALL SECTIONS FOR MORE INFORMATION • LEVEL STEEL SOFFIT FRAMING (DESIGN BY OTHERS) AT 24" O.C. MAX. – REFERENCE WALL SECTIONS FOR MORE INFORMATION • 3/4" PLYWOOD BACKING • WATER-RESISTIVE BARRIER • FLUSH PANEL SOFFIT SYSTEM – REFERENCE REFLECTED CEILING PLAN FOR MORE INFORMATION.		1D		<b>METAL STUD PARAPET BACKUP WALL ASSEMBLY</b> FROM T.O. CMU WALL TO T.O. PARAPET WALL – REF WALL SECTIONS • 3-5/8" METAL STUD @ 24" O.C.			3D		<b>GENERAL FIRE-RATING NOTES:</b> 1. FIRE SAFING & FIRE STOPPING: 1.1. PROVIDE FIRE SAFING SYSTEM/MATERIAL AT ALL PENETRATIONS THRU FIRE RATED ASSEMBLIES. COORDINATE PROPOSED SYSTEMS & MATERIALS FOR APPROPRIATENESS & COMPATIBILITY W/OTHER BLDG. SYSTEMS, TYPE OF SYSTEM PENETRATED, & APPLICATION. 1.2. PROVIDE 2x SOLID BLOCKING AT CEILING LEVEL OR ALTERNATIVE METHOD APPROVED BY IBC 2009 IN FIRE-RATED WALL ASSEMBLIES 1.3. ALL FIRE-RATED AND SMOKE RATED PARTITIONS SHALL EXTEND TO THE UNDERSIDE OF STEEL DECK ABOVE. PARTITIONING SHALL BE INSTALLED UTILIZING A SLIP TRACK ALLOWING FOR 3/4" OF STRUCTURAL DEFLECTION. PROVIDE FIRE SAFING SYSTEM/MATERIAL AT TOP OF FIRE RATED PARTITIONS AS REQUIRED TO MAINTAIN THE FIRE RATED CLOSURE OF FIRE RATED PARTITION. 1.4. REFERENCE LS2.0 SERIES FOR FIRE RATED PARTITION DETAILS. 2. FIRE DAMPERS: PROVIDE APPROPRIATELY RATED FIRE DAMPERS AT ALL LOCATIONS WHERE MECHANICAL VENTILATION DUCTS PENETRATE RATED ASSEMBLIES. 3. SMOKE DAMPERS: PROVIDE APPROPRIATE SMOKE DAMPERS AT ALL LOCATIONS WHERE MECHANICAL VENTILATION DUCTS PENETRATE SMOKE PARTITIONS.		
C1	<b>EXTERIOR SOFFIT ASSEMBLY</b> • LEVEL STEEL SOFFIT FRAMING (DESIGN BY OTHERS) AT 24" O.C. MAX. – REFERENCE WALL SECTIONS FOR MORE INFORMATION • 3/4" PLYWOOD BACKING • WATER-RESISTIVE BARRIER • FLUSH PANEL SOFFIT SYSTEM – REFERENCE REFLECTED CEILING PLAN FOR MORE INFORMATION.		1D				3D					
C2	<b>METAL FRAMED CEILING ASSEMBLY</b> • CEILING FRAMING (DESIGN BY OTHERS) AT 24" O.C. MAX. – REFERENCE WALL SECTION F5/A6.13 FOR MORE INFORMATION • 8 1/2" THERMAL BATT INSULATION WITHIN STUD CAVITY. • 7/8" METAL HAT CHANNELS AT 24" O.C.		1D				3D					
F1	<b>CONCRETE SLAB ASSEMBLY</b> • CONCRETE SEALER IN EXPOSED CONCRETE FLOORING AREAS • 4" CONCRETE SLAB – REFERENCE STRUCTURAL DRAWINGS FOR MORE INFORMATION • CONTINUOUS 15 MIL POLYETHYLENE VAPOR RETARDER UNDER ENTIRE SLAB (OVER-INSULATION) • 2" EXTRUDED POLYSTYRENE (XPS) INSULATION UNDER ENTIRE CONCRETE SLAB		1D				3D					