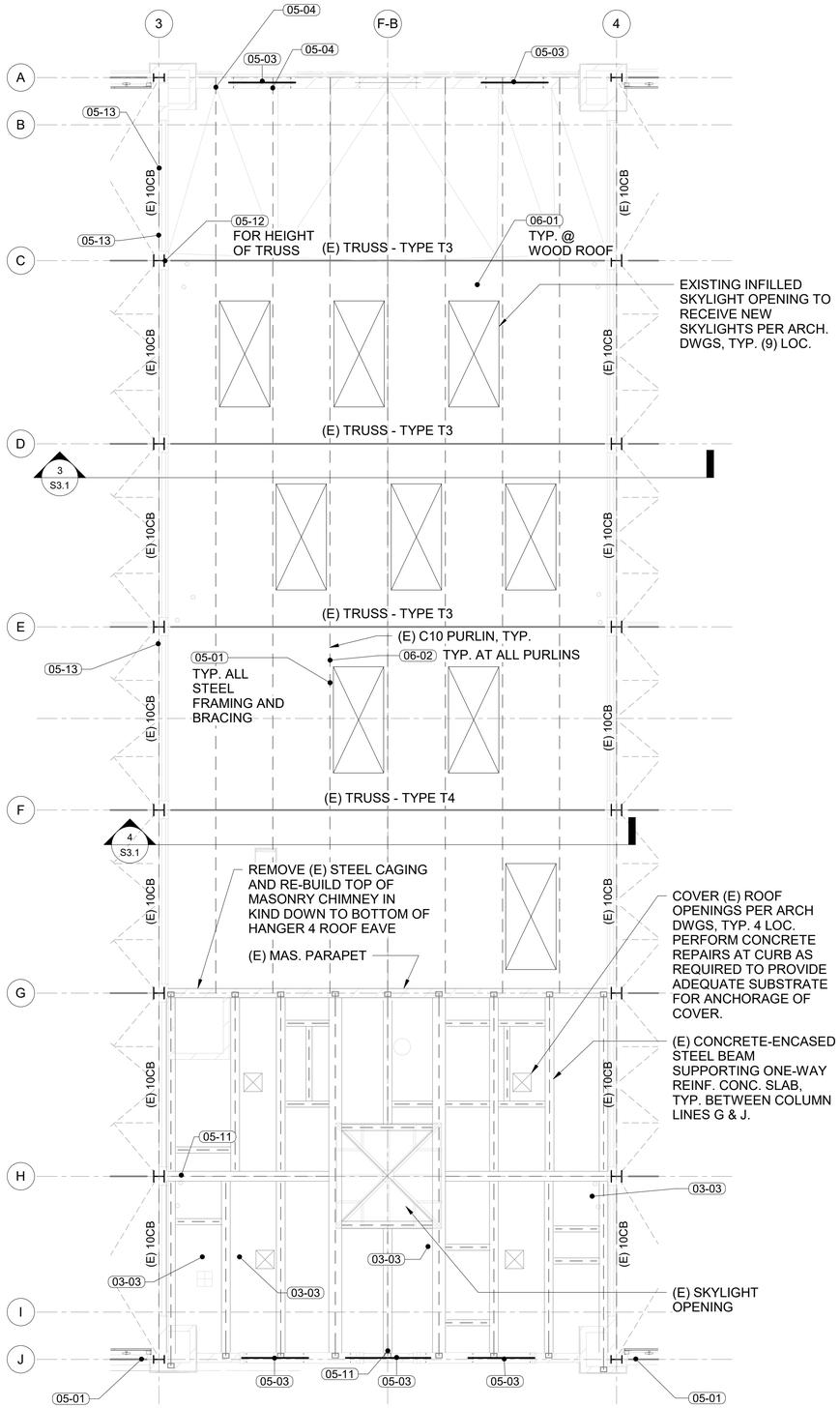

1 S2.6 WPA INFILL TOP CHORD AND ROOF FRAMING PLAN
SCALE B

KEYNOTE LEGEND	
03-03	PEFORM CONCRETE REPAIRS IN EXISTING ROOF SLAB OR WHERE INDICATED PER TYPICAL DETAILS 1/S6.5 AND 2/S6.5. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL REPAIRS.
05-01	WIRE BRUSH CLEAN TO BARE METAL ALL STRUCTURAL STEEL (COLUMNS, BEAMS, TRUSS ELEMENTS AND CONNECTIONS) TO REMOVE SURFACE CORROSION AND RUST SCALING DEPOSITS. FOR CLERESTORY BEAMS AT THE INTERSECTION OF THE HANGARS AND THE WPA INFILL BUILDING, SEQUENTIAL REMOVAL OF THE TOP COURSE OF BRICK BELOW MAY BE REQUIRED TO CLEAN THE BEAM BOTTOM FLANGE; RESET BRICK AFTER CLEANING AND COATING STEEL. AFTER CLEANING, DETERMINE SECTION LOSS BY COMPARING RESULTING ELEMENT THICKNESS (MEASURED USING DIGITAL CALIPERS) TO THE ORIGINAL THICKNESSES SHOWN ON THE DRAWINGS. REINFORCE STRUCTURAL MEMBERS WHERE FRAMING ELEMENTS HAVE EXPERIENCED MORE THAN 5% SECTION LOSS (REFERENCE COLUMN REPAIR DETAILS ON S6.1 AND BEAM REPAIR DETAILS ON S6.2). REINFORCEMENT SHALL CONSIST OF FIELD WELDING NEW STEEL REINFORCEMENT SECTIONS TO THE EXISTING COMPROMISED MEMBERS. FOR PRICING, ASSUME THAT 100% OF ALL SUPERSTRUCTURE ELEMENT SURFACES WILL REQUIRE RUST CLEANING AND COATING WITH ZINC-RICH, RUST-INHIBITING PAINT. SEE DETAILS FOR ASSUMED QUANTITIES OF REINFORCEMENT.
05-03	TEMPORARILY SHORE BRICK MASONRY ABOVE LINTEL WHERE REQUIRED. REMOVE BRICK MASONRY AROUND CORRODED LINTEL AND REPLACE LINTEL WITH HOT-DIPPED GALVANIZED ANGLES TO MATCH EXISTING IN SIZE (SEE ASSUMED LINTEL PROFILES ON S6.3, V.I.F.). REBUILD MASONRY WITH APPROPRIATE MORTAR AND BRICK PER ARCHITECTURAL SPECIFICATIONS. SEE ARCHITECTURAL ELEVATIONS FOR EXTENTS OF MASONRY REBUILDING.
05-04	REMOVE MASONRY ENCASEMENT AT BEAM POCKET TO FULLY EXPOSE BEAM END AND BEARING PLATE. CLEAN ALL STEEL PER 05-01 AND REINFORCE DETERIORATED BEAM END WITH WELDED STEEL PLATES PER DETAILS ON S6.2. REPLACE BEARING PLATE WHERE REQUIRED. COAT BEAM END AND BEARING PLATE WITH ZINC-RICH, RUST-INHIBITING PAINT PRIOR TO PATCHING MASONRY.
05-11	REMOVE LOOSE CONCRETE ENCASEMENT ON STEEL BEAM. CLEAN EXPOSED SURFACES OF BEAM OF ALL RUST AND COAT WITH ZINC-RICH, RUST-INHIBITING PAINT. REPAIR CONCRETE ENCASEMENT PER TYPICAL DETAIL 3/S6.5.
05-12	REMOVE MASONRY ENCASEMENT AT COLUMN TO FULLY EXPOSE COLUMN FLANGES AND WEB. CLEAN ALL STEEL PER 05-01. COAT COLUMN WITH INTUMESCENT PAINT UP TO TRUSS BOTTOM CHORD LEVEL PER ARCHITECTURAL SPECIFICATIONS PRIOR TO PATCHING MASONRY.
05-13	EXTREME SECTION LOSS AT EXISTING CLERESTORY BEAM WEB. CLEAN ALL STEEL PER 05-01. REINFORCE DETERIORATED BEAM WEB WITH WELDED STEEL PLATES PER TYPICAL DETAIL 3/S6.2. COAT BEAM WITH ZINC-RICH, RUST-INHIBITING PAINT PER ARCHITECTURAL SPECIFICATIONS. PROVIDE UNIT COST FOR REPAIRS.
06-01	REPLACE EXISTING ROOF DECKING WITH NEW 2x (1-1/2" THICK) TONGUE AND GROOVE ROOF DECKING. OVERLAY WITH 15/32" PLYWOOD SHEATHING. SHEATHING PANELS SHALL BE INSTALLED WITH LONG DIMENSION PERPENDICULAR TO DECKING. SEE GENERAL NOTES FOR MATERIAL INFORMATION AND FASTENERS. ASSUME 100% REPLACEMENT OF ROOF DECKING FOR PRICING.
06-02	REPLACE EXISTING NAILERS WITH NEW (2)2x4 NAILERS BOLTED TO PURLINS. RE-USE EXISTING 1/2" DIAMETER BOLTS WHERE IN GOOD CONDITION. REPLACE DETERIORATED BOLTS IN KIND. SEE TYP. DETAIL 3/S6.6. ASSUME 100% REPLACEMENT OF NAILERS AND 100% REPLACEMENT OF BOLTS FOR PRICING.

PLAN NOTES

1. SEE DRAWINGS S0.1, S0.2 AND S0.3 FOR GENERAL NOTES AND SCHEDULES.
2. DATUM ELEVATION 0'-0" REFERENCES TOP OF GROUND FLOOR (LEVEL 0) ELEVATION 13.73'. ALL ELEVATIONS INDICATED ARE RELATIVE TO THE DATUM ELEVATION.
3. EXISTING FRAMING AND LAYOUT INDICATED ON PLAN IS PER THE 1929 DRAWINGS AND SHALL BE VERIFIED IN THE FIELD IN AREAS OF WORK.
4. SEE DRAWINGS S6.1 AND S6.2 FOR TYPICAL STEEL REPAIR DETAILS.
5. SEE DRAWING S6.3 FOR TYPICAL LINTEL DETAILS, DRAWING S6.4 FOR TYPICAL MASONRY REPAIR DETAILS, AND S6.5 FOR TYPICAL CONCRETE REPAIR DETAILS.
6. COORDINATE ALL DIMENSIONS WITH ARCHITECT, CIVIL, MEP AND OTHER PRIME CONTRACTORS.
7. FOR BOILER ROOM ROOF SLAB CONCRETE REPAIRS, ASSUME 20 SF PARTIAL DEPTH REPAIR PER LOCATION INDICATED. ASSUME (8) ADDITIONAL LOCATIONS.

1

SCALE B 8' 0' 8' 16'
SCALE OF FEET

BUILDING NORTH

DESIGNED: JCT / EB / PA	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD: MAS	S2.6	WPA INFILL ROOF FRAMING PLAN	646 190066
TECH. REVIEW: NF			PMIS/PKG NO. GATE 308504
DATE: 12/19/2025		HANGARS 3 & 4 REHABILITATION	SHEET 97 OF 150

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