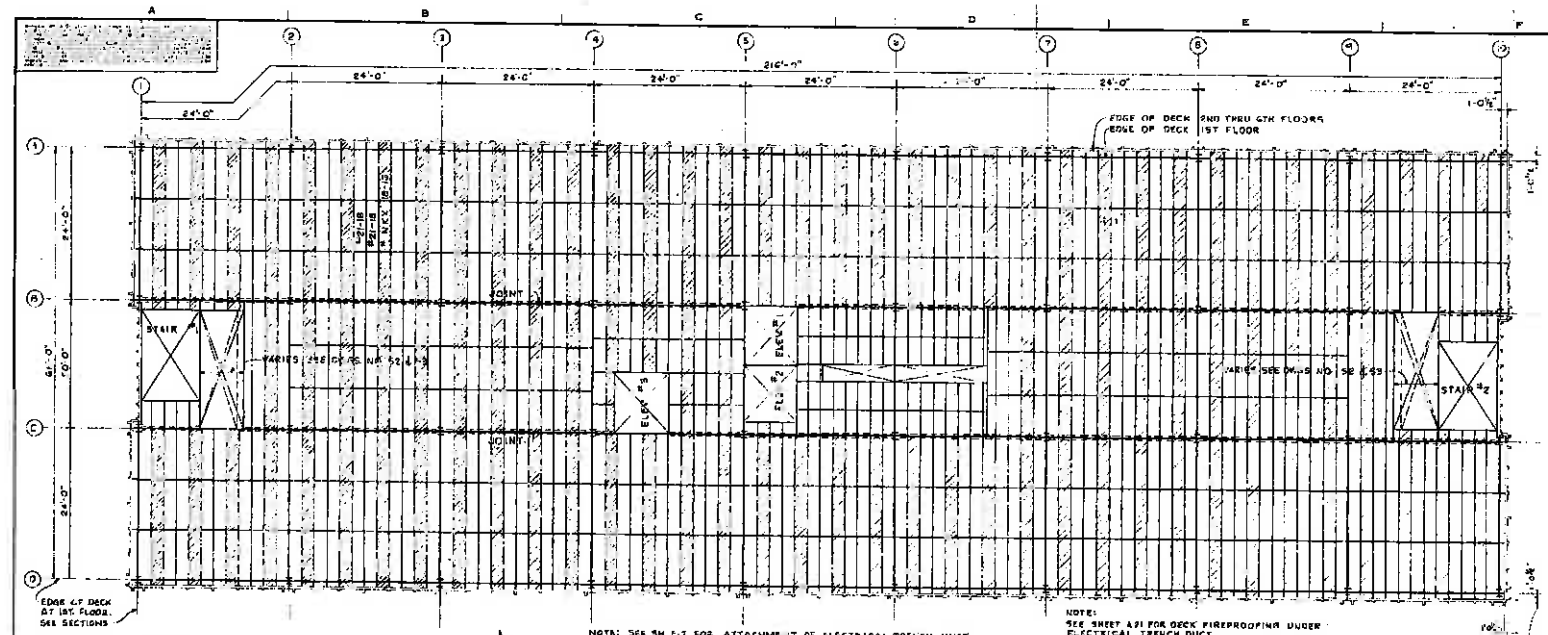


NOTE: SEE SH. E-1 FOR ATTACHMENT OF ELECTRICAL TRENCH DUCT

NOTE: SEE SHEET A21 FOR DECK FIREPROOFING UNDER ELECTRICAL TRENCH DUCT

NOTE: SEE DETAIL (A/S7.5G) FOR DECK SUPPORT ANGLES AT COLS

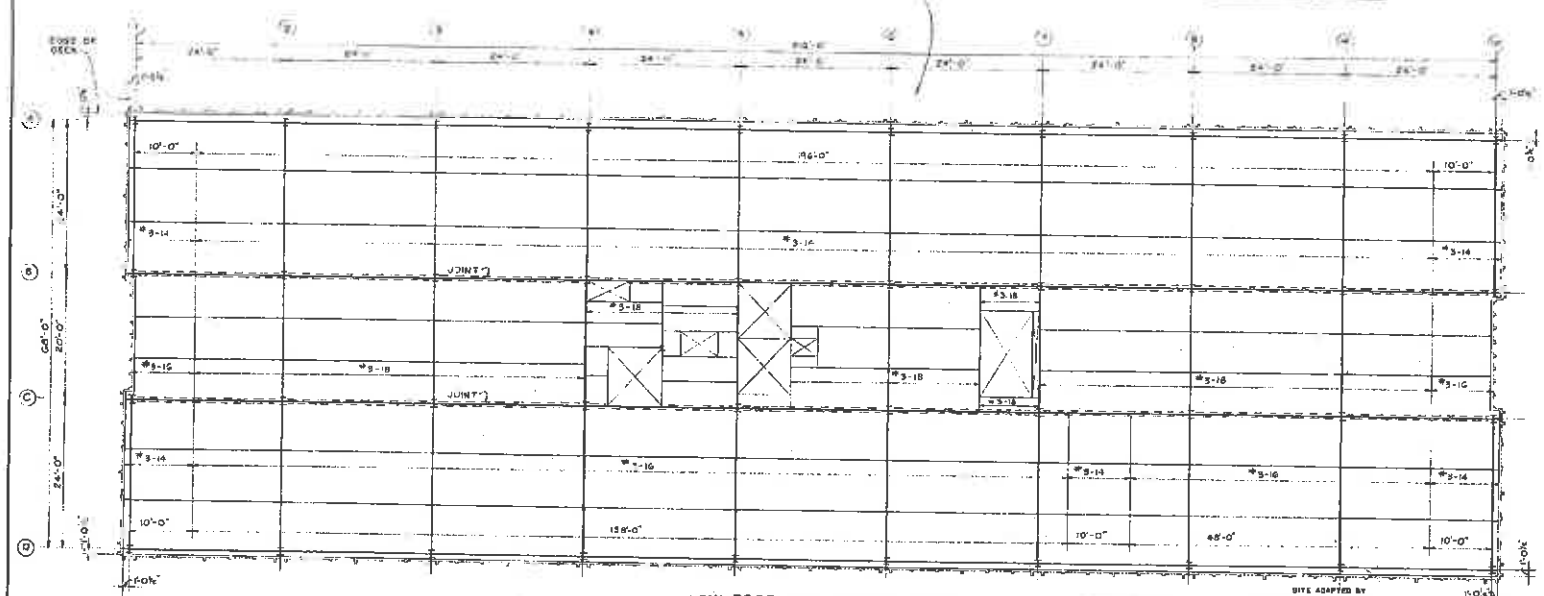
TYPICAL (1 THRU 6) FLOOR DECK FRAMING PLAN

SCALE 1/8" = 1'-0"

AT OPENINGS, DECK STOPS ON ℄ OF EDGE BEAMS.

LEGEND OF DECK:

EDGE OF DECK, 2ND THRU 6TH FL (TYPICAL ALL SIDES)



LOW ROOF DECK FRAMING PLAN

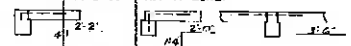
SCALE 1/8" = 1'-0"

GENERAL NOTES

FOUNDATIONS AND CONCRETE

1. BOTTOM OF DRILLED PIERS SHALL HAVE LEVEL BEARING ON LIMESTONE BEDROCK SUITABLE FOR A BEARING PRESSURE OF 200 TONS PER SQ. FT.
2. ALL CONCRETE TO BE USED SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
3. STAIRS AND SLABS ON FILL TO HAVE #4 @ 18" O.C. EXCEPT AS OTHERWISE SHOWN.
4. UNLESS OTHERWISE NOTED, ALL SLABS AND STAIRS ON FILL SHALL BE ANCHORED TO ADJACENT CONCRETE WALLS OR GRADE BEAMS WITH #3 DOWELS @ 12" THUS:

   DOWELS 3/4" BELOW TOP OF SLAB.



5. ALL SLABS ON FILL SHALL BE POURED IN ALTERNATE SECTIONS NOT TO EXCEED 24 FT. X 24 FT. JOINTS TO BE ON COLUMN CENTER LINES.
6. BARS CALLED FOR AS CONTINUOUS SHALL LAP 32 BAR DIAMETERS AND HAVE CORNER BARS.
7. PROVIDE CORNER BARS 5'-5" OF SAME NUMBER AND SIZE AS ADJACENT W BEAM OR WALL REINFORCING AT ALL CORNERS AND INTERSECTIONS, UNLESS OTHERWISE SHOWN.
8. CONCRETE COVERAGE SHALL BE AS FOLLOWS:
   (a) DRILLED PIERS - 1 BAR DIAMETER OR 1 INCH MINIMUM BETWEEN BARS
   (b) FORMED BEAMS - 1½" CLEAR TO STIRRUPS.
   (c) BEAM BOTTOM NOT FORMED - 2½" CLEAR TO STIRRUPS.
   (d) FOOTINGS AND DRILLED PIERS NOT FORMED - 3" CLEAR TO MAIN REINFORCEMENT (#5 OR LARGER).
   (e) FORMED SLABS - 3/4" CLEAR TOP AND BOTTOM.
   (f) SLABS ON FILL - 2" FROM TOP OF SLAB.
   (g) BASEMENT WALLS - INSIDE - 3/4" OUTSIDE - 1½"
9. ACCESSORIES:
   (a) BAR SUPPORTS AND SPACERS IN ACCORDANCE WITH A.C.I. DETAILING MANUAL, ACI 315.
   (b) PROVIDE 2-#5 BARS AROUND ALL OPENINGS IN WHICH EITHER SIDE IS GREATER THAN 8". SUCH BARS SHALL EXTEND AT LEAST 24" BEYOND THE CORNER OF THE OPENING.
10. ALL REINFORCED CONCRETE SHALL CONFORM TO A.C.I. SPEC. ACI 318. UNLESS OTHERWISE NOTED. REINFORCING STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH THE A.C.I. MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE, ACI 315. ALL REINFORCING STEEL SHALL MEET ASTM SPECIFICATIONS A-305 (HIGH BOND) AND A15.
11. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF SLAB DEPRESSIONS FOR ARCHITECTURAL FINISHES.
12. WHEN CONCRETE WALLS SPAN FROM BASEMENT TO FIRST FLOOR, BOTH BASEMENT FLOOR SLAB AND FIRST FLOOR SLAB SHALL BE IN PLACE BEFORE ANY BACKFILL IS PLACED.
13. WIRE MESH IN FLOOR FILL CONCRETE SHALL BE 6 x 12 - 4/4 WITH 6" SPACING PARALLEL TO RIBS IN METAL DECK.
14. VERTICAL BARS IN PIERS SHALL BE HARD GRADE BILLET STEEL, ASTM A15. ALL OTHER REINFORCING BARS SHALL BE INTERMEDIATE GRADE BILLET STEEL A.S.T.M. A15.

NOTE: FOR GENERAL NOTES - STRUCT. STEEL - SEE SH. S-2

AS BUILT

REV. BY	DATE			C.O. NO.	APPROVED

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION — M S F C, HUNTSVILLE ALABAMA

WYATT C. HEDRICK, ARCHITECT ENGINEER — FORT WORTH, TEXAS

PROJECT - ENGINEER OFFICE BUILDING
MSFC - HUNTSVILLE, ALABAMA

TYPICAL FLOOR & LOW ROOF DECK FRAMING PLANS
GENERAL NOTES - FOUNDATION & CONCRETE

NASA AS CONT. NO. NAS 8-12,016 — FILE NO. MSFC 8921

SITE ADAPTED BY HUDGINS, THOMPSON, BALL & ASSOC., INC. ARCHITECTS-ENGINEERS, OKLAHOMA CITY, OKLAHOMA

REF. NO.	DATE			
S-5				

DRAWN J.D.H., D.A.S. — DESIGN DATE — DRAWING NO. F10A1201-55

SCALE 1/8" = 1'-0" — SHEET NO. F8-15-44

MSFC-FORM 238 (REV. DEC. 1961)

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