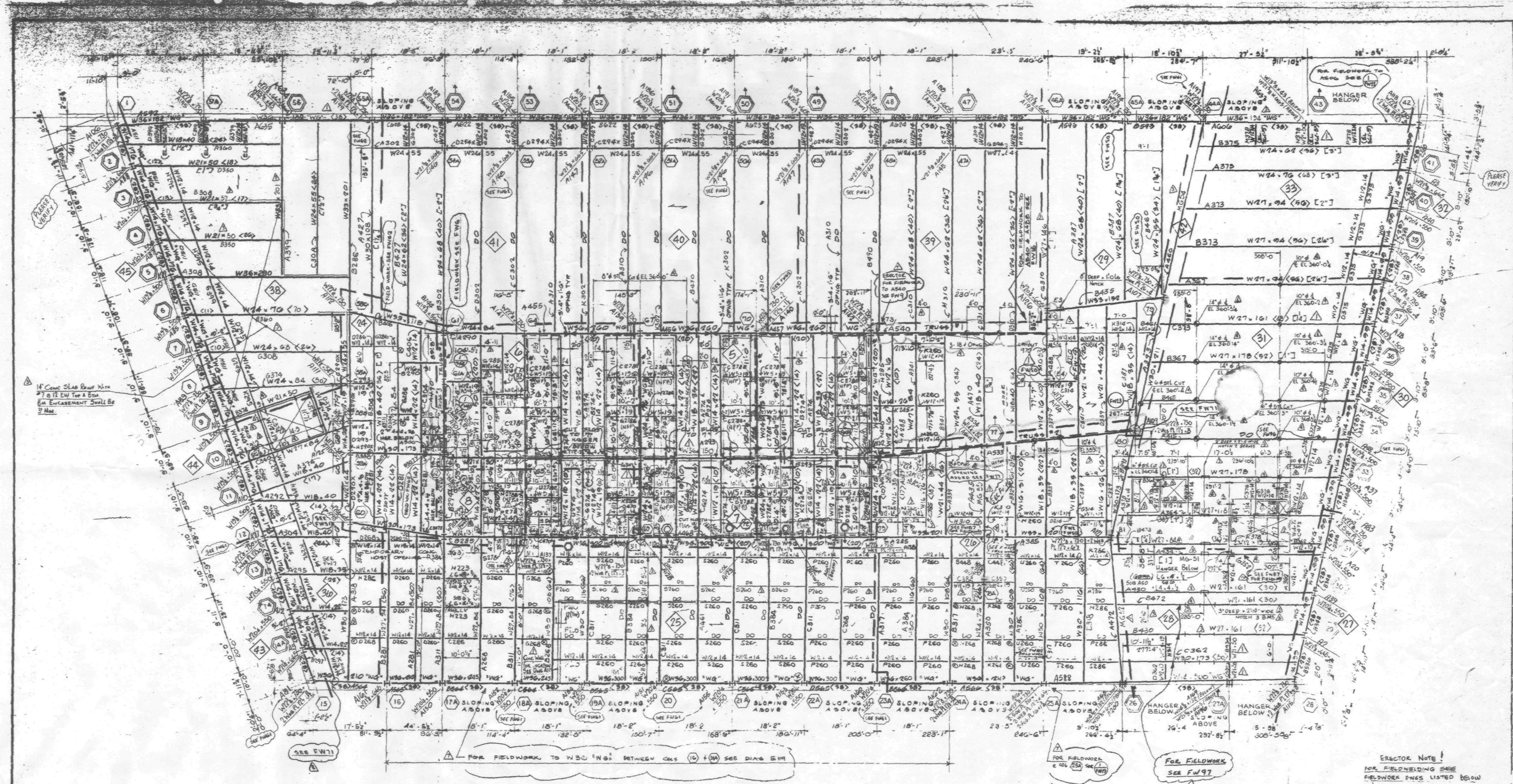


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FIFTH FLOOR FRAMING PLAN
FOR DIAPHRAGM FRAMING, SEE DWG. S-24.

LEGEND

- COLUMN
- TRUSS MEMBER
- TRUSS MEMBER ABOVE
- TRUSS MEMBER BELOW
- - - INDICATES SHEAR CONNECTORS
- [-] INDICATES CAMBER
- △ NFP INDICATES NO FIREPROOFING

SECTION NOTE
SEE FIELDWORK, THIS FLOOR FOR LOCATION & DETAILS OF FIELD WELDED COL APICES ON NORTH & SOUTH ELEVATIONS.
SEE DWG. S-17A FOR ALL OTHER WELDED TRICES

- NOTES**
1. SLAB TO BE 3" (5" - 11") THICK STONE CONCRETE HAVING A COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS, PLACED OVER 3" DEEP 18 GAUGE COMPACTED W/18 REIN. U/LN Δ
 2. TOP OF STEEL TO BE AT ELEVATION 561'-7" W.O.M. OR PLUM THRU (EL. ---)
 3. ALL BEAMS SHALL BE ASTM A-572, GRADE 50 STEEL, 4'-0" O.C. ALL W-10, W-12, W-14, W-16, W-18, W-20, W-22, W-24, W-26, W-28, W-30, W-32, W-34, W-36, W-38, W-40, W-42, W-44, W-46, W-48, W-50 BEAMS & SPAN-ON-SPAN BEAMS W/12 (EL. 561'-0") SHALL BE ASTM A588 STEEL Δ
 4. FOR TYPICAL SUPERSTRUCTURE DETAILS SEE DWGS. S-24 AND S-24A. FOR SUPERSTRUCTURE GENERAL NOTES SEE DWG. S-20.
 5. WIND GIRDER INDICATED "W6" ON PLAN AND SHALL BE OF ASTM A-36 STEEL. FOR FORCES ON EXTERIOR WIND GIRDES, SEE DWGS. S-19 AND S-20. FOR FORCES ON INTERIOR WIND GIRDES, SEE DWG. S-21.
 6. FOR SIZES AND DETAILS OF TRUSSES, 1, 2, AND 3 SEE DWG. S-20.
 7. SHEAR CONNECTORS TO BE 4" x 8" HIGH INDICATED (TRUSS) ON PLAN AND FULLY SPACED 3'-0" O.C.
 8. FLOOR SLAB SHALL BE SHORED AS PER MANUFACTURER'S REQUIREMENTS.
 9. FOR WALL SUPPORTS AS AT ELEVATORS SEE SECT. ON E2 Δ

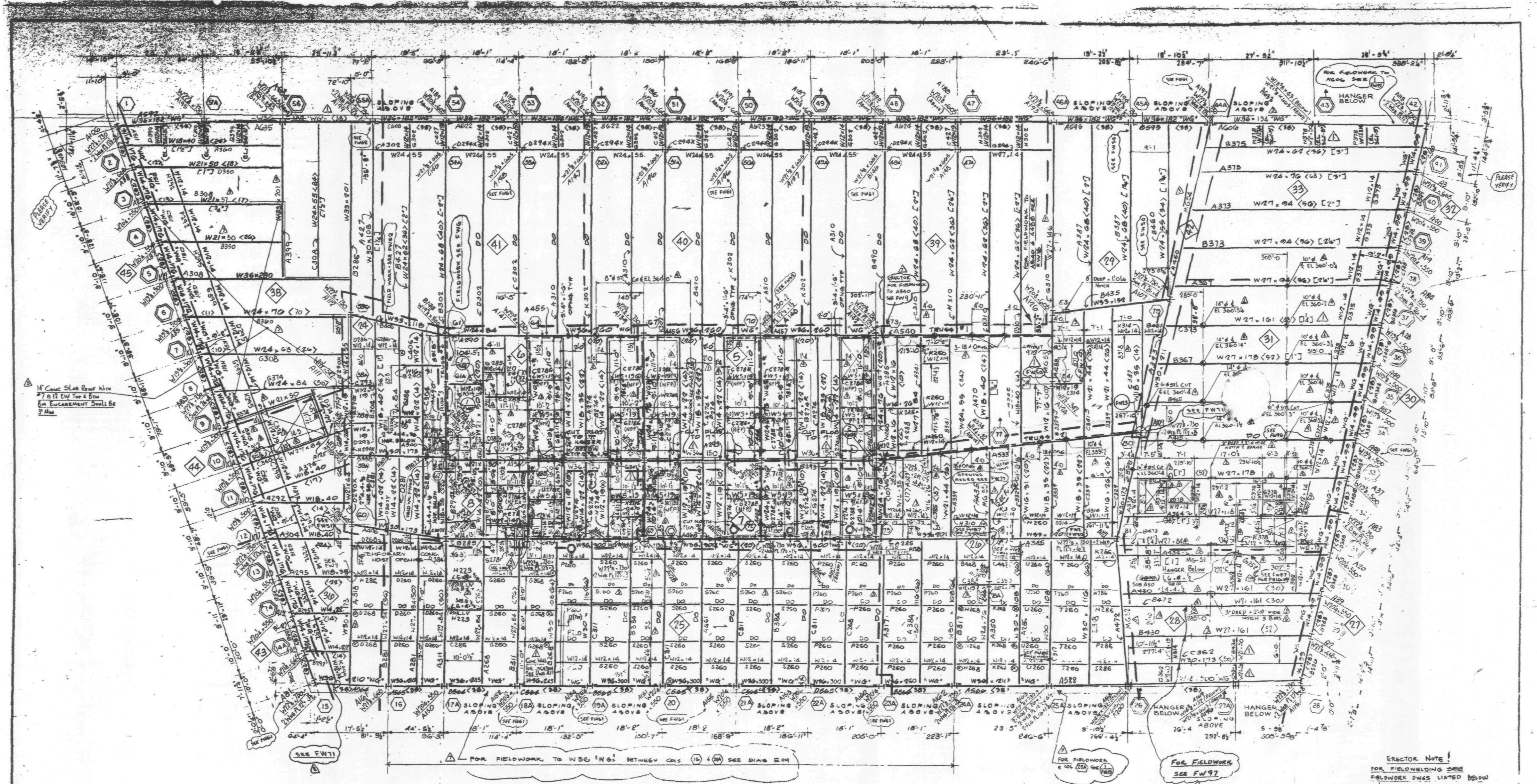
ERECTOR NOTE
FOR WELDING THESE FIELDWORK DWGS LISTED BELOW

FIELDWORK DWG NO.	DETAIL NO.
FW19	1
FW18	1
FW19	1
FW18	2
FW7	
FW8	
FW22	
FW21	
FW23	

NO.	DATE	BY	DESCRIPTION OF REVISION
1	7/1/55	FR	REVISED PER DWG. S-24
2	7/1/55	FR	REVISED PER DWG. S-24
3	7/1/55	FR	REVISED PER DWG. S-24
4	7/1/55	FR	REVISED PER DWG. S-24
5	7/1/55	FR	REVISED PER DWG. S-24
6	7/1/55	FR	REVISED PER DWG. S-24
7	7/1/55	FR	REVISED PER DWG. S-24
8	7/1/55	FR	REVISED PER DWG. S-24
9	7/1/55	FR	REVISED PER DWG. S-24
10	7/1/55	FR	REVISED PER DWG. S-24

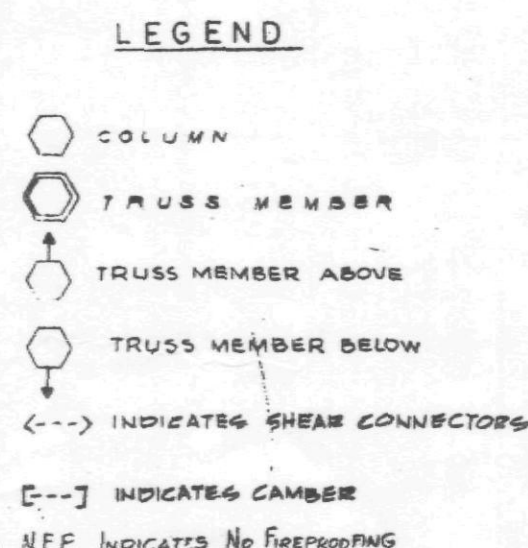
5TH FL - F
7 WORLD TRADE CENTER
TISHMAN CONSTRUCTION
EMERY ROTH & SONS, P.C.
IRVING G. CANTOR, P.C.

FRANKEL STEEL LIMITED
139 ATTWELL DRIVE, UNIT 1, REXDALE, ONTARIO, CANADA
SHEET 15 OF 15



FIFTH FLOOR FRAMING PLAN
FOR DIAPHRAGM FRAMING SEE DWG 5-SA.

- NOTES**
1. SLAB TO BE 18" (5' x 11") THICK STONE CONCRETE HAVING A COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS, PLACED OVER 3" DEEP 18 GAUGE COMPOSITE METAL DECK. U.O.N.
 2. TOP OF STEEL TO BE AT ELEVATION 161'-7" U.O.S. OR PLAN THIRD (EL. ---).
 3. ALL BEAMS SHALL BE A518 A-572, GRADE 50 STEEL, WIDE FLANGE. ALL W21-55 BEAMS & SPANNEL BEAMS SHALL BE W21-55 (EL. 161'-7") SHALL BE A518 A-572.
 4. FOR TYPICAL SUPERSTRUCTURE DETAILS SEE DWGS. 5-24 AND 5-24A. FOR SUPERSTRUCTURE GENERAL NOTES SEE DWG. 5-20.
 5. WIND GIRDER INDICATED "W6" ON PLAN AND SHALL BE OF A518 A-572 STEEL. FOR FORCES ON EXTERIOR WIND GIRDERS, SEE DWGS. 5-19 AND 5-20. FOR FORCES ON INTERIOR WIND GIRDERS, SEE DWG. 5-21.
 6. FOR SIZES AND DETAILS OF TRUSSES 1, 2, AND 3 SEE DWG. 5-22.
 7. SHEAR CONNECTORS TO BE 2" x 8" WASH INDICATED TRUSS --- ON PLAN AND EQUALLY SPACED U.O.S.
 8. FLOOR SLAB SHALL BE SHORED AS PER MANUFACTURER'S REQUIREMENTS.
 9. FOR WALL SUPPORT AS PER ELEVATORS SEE SECT. ON EZ.



ERECTOR NOTE
FOR FIELDWORK SEE DWG. 5-97 FOR LOCATION & DETAILS OF RIGID WELDED CONNECTIONS ON NORTH & SOUTH ELEVATIONS. SEE DWG. 5-97 FOR ALL OTHER WELDED SPICES.

ERECTOR NOTE
FOR FIELDWORK SEE FIELDWORK PAGES LISTED BELOW

FIELDWORK	DETAIL NO.
FW1	1
FW2	1
FW3	1
FW4	2
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July 30/85
July 2/85
May 21/85
May 14/85
Apr 9/85

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5th FL - F
WORLD TRADE CENTER
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FRANKEL STEEL LIMITED
321 ATWELL DRIVE UNIT 1, REXDALE, ONTARIO M9W 6R1

SCALE: 1/8" = 1'-0"

DATE: 8-15-85

SHEET: E5