

GENERAL NOTES AND TYPICAL DETAILS

1. Comply with Uniform Building Code, 1964 Edition, unless greater requirements are established on the drawings. Applying to all Structural Features unless otherwise shown or noted.

2. REFERENCE TO OTHER DRAWINGS.

See Architectural & Mechanical Drawings for: kinds of floor finish & their location, depressions in floor slabs, openings in walls & floors, required by doors, windows, ducts, vents, plumbing, etc.; all types of flashing inserts, anchorage, hangers, etc. embedded in or attached to the structure; roadway paving, walks, stairs, ramps, curbs, walls, terraces, etc.; exterior grades; elevations of sloping roof surfaces & location of drains, etc.

3. DIMENSIONS.

Dimensions unless otherwise noted, are to rough concrete surface.

4. DATUM.

Elevations are given with reference to Datum shown on Civil Drawings.

5. SPECIFICATIONS.

The Specifications shall govern where information is not given in these General Notes or on the drawings.

6. DISCREPANCIES.

The Contractor shall compare structural drawings with the other drawings as to layout dimensions and elevations. Discrepancies, if any, shall be reported to the Architect for adjustment before proceeding with the work.

7. TYPICAL DETAILS.

If certain features are not fully shown or called for on the drawings or specifications, their construction shall be of the same character as for similar conditions that are shown or called for.

8. FOUNDATIONS.

- Wherever practicable, excavation shall be made as near as possible to the neat lines required by the size and shape of the structure. No material is to be excavated unnecessarily. See Foundation Plan for additional data.
- Where backfill is placed against walls, the walls shall be adequately shored until construction bracing the walls has been erected and has attained design strength.
- Backfill shall be placed in layers not exceeding 6" in depth. Each layer shall be moistened as directed and thoroughly compacted prior to placing next layer. See Specifications.
- Backfill shall not be placed against the building North wall until the 4th Level Framing is complete and all concrete is 28 days old.

9. CONCRETE.

(a) Basis for design: $f'_c = 5000$ PSI. See Specs.

(b) All concrete shall be reinforced, unless specifically marked "NOT REINFORCED".

10. STEEL REINFORCEMENT.

- Use Intermediate Grade except as otherwise noted, deformations A, S, T, M, A-305.
- See (G) this sheet. All reinforcement continuous. Splice with 32" bar diameters laps. Stagger splices where possible.
- Hold reinforcement in its true horizontal and vertical position with devices sufficiently numerous to permit walking on steel without displacement.

11. WALLS.

- General:
 - See Architectural Drawings for walls not shown on Structural Drawings.
 - All walls shall be reinforced unless specifically marked "NOT REINFORCED" on the Drawings.
- Concrete Walls (See (G) this sheet for Marginal Reinforcement).

Typical Reinforcement

6" and 7" Walls	#4 @ 12" each way on center of wall	2' clear below grade
8" and 10" Walls	#4 @ 16" each way each face	12" exterior face above grade
12" to 14" Walls	#4 @ 12" " " " "	12" interior " " " "
15" to 20" Walls	#4 @ 12" " " " "	12" and smaller
21" to 29" Walls	#4 @ 12" " " " "	12" clear interior face above grade for #9 and larger.
30" to 36" Walls	#4 @ 12" " " " "	
37" to 72" Walls	#9 @ 10" " " " "	

12. DOWELS.

- Walls, to slab on grade see (G) this sheet.
- Walls to footings, see Typ. Footing details sh. S-2.
- Walls to beams or slabs: Use dowels of same size and spacing as wall reinf. Dowels to project 32" dia. into wall and 32" dia. into beam. At slabs slope dowels 1" clear from bottom of slab and hook (G) this sheet.

13. CONSTRUCTION JOINTS.

- For Construction Joints in general see specifications and (G) this sheet.

(b) Concrete

- Just prior to depositing concrete, the surface of the construction joint shall be thoroughly roughened, cleaned, wetted and slushed with a modified mix; see specifications.

14. SLAB ON GRADE.

- See (G) & (H) this sh.

15. STRUCTURAL STEEL.

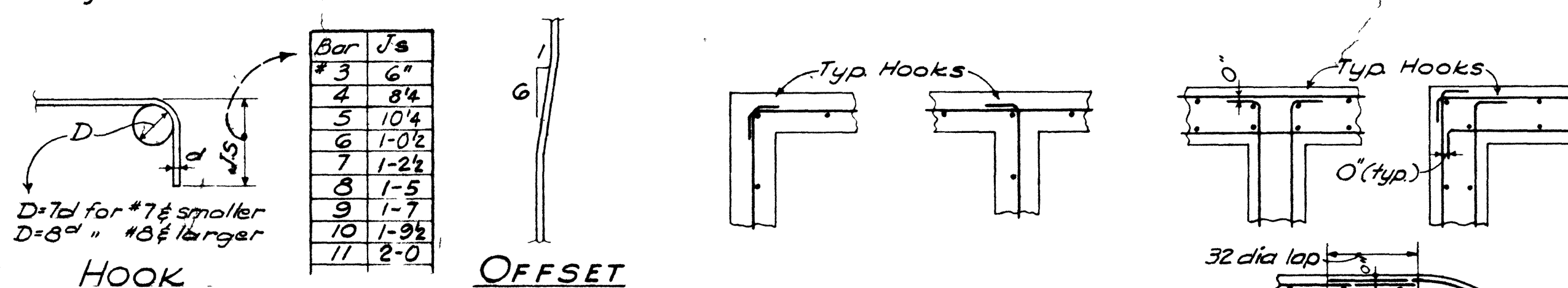
- Comply with A.I.S.C. Specs for Design, Fabrication and Erection of Structural Steel for Buildings. All steel shall be ASTM A36 except as otherwise noted. See Specs.
- Paint - see Specifications.

16. SLABS.

- Interior slab reinf. - 1" clear for #8 and smaller bar, - 1/2" " " #9 " larger.
- Slab face against earth - reinf. bars 3" clear, membrane - " " 2" " "

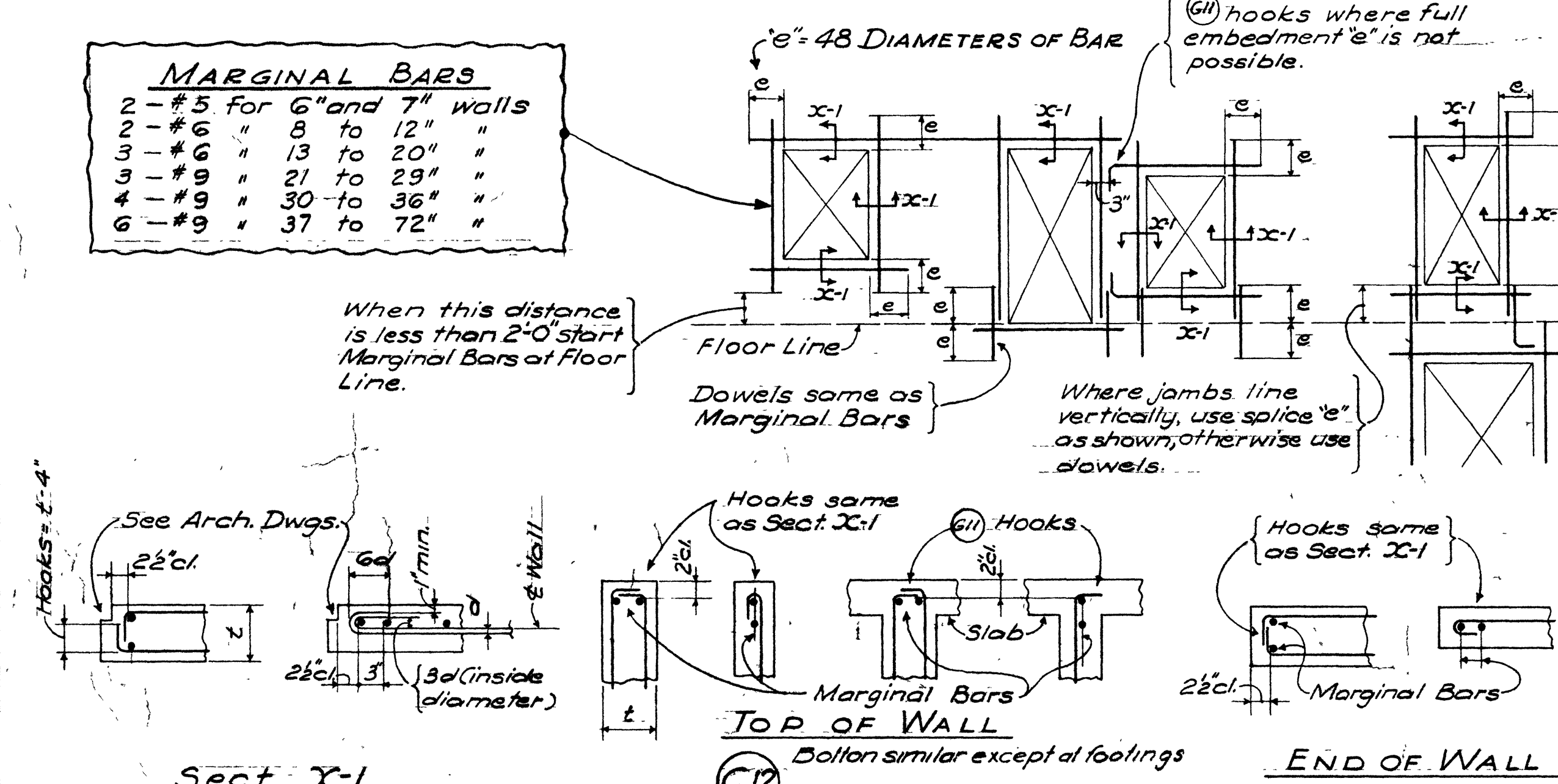
17. CONCRETE AGGREGATE SPECIFICATIONS.

- REVISE SECTION III, DIV. V, ARTICLE 6D, AS FOLLOWS:
Sections 12" to 24" in Thickness: 1 1/2" Size Aggregates.
AGGREGATES SHALL BE UNIFORMLY GRADED FROM COARSE TO FINE AND CONFORM TO REQUIREMENTS OF ASTM C-33



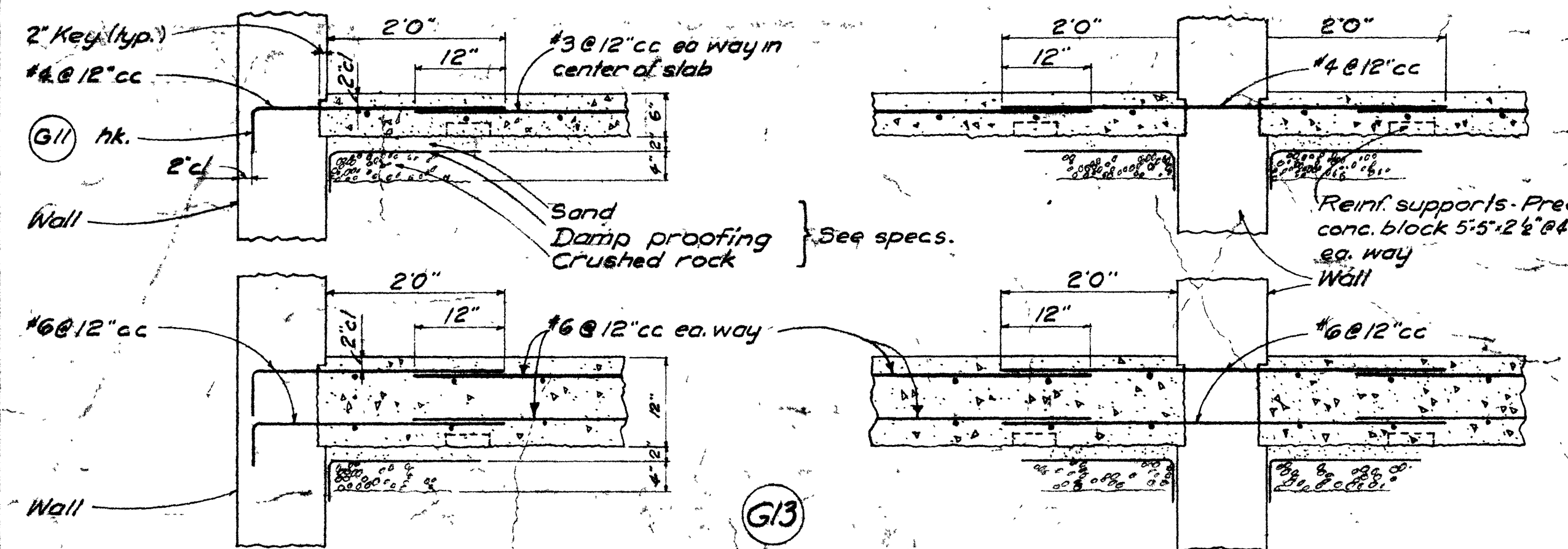
TYPICAL HOOKS, OFFSETS & BENDS

See General Note 10

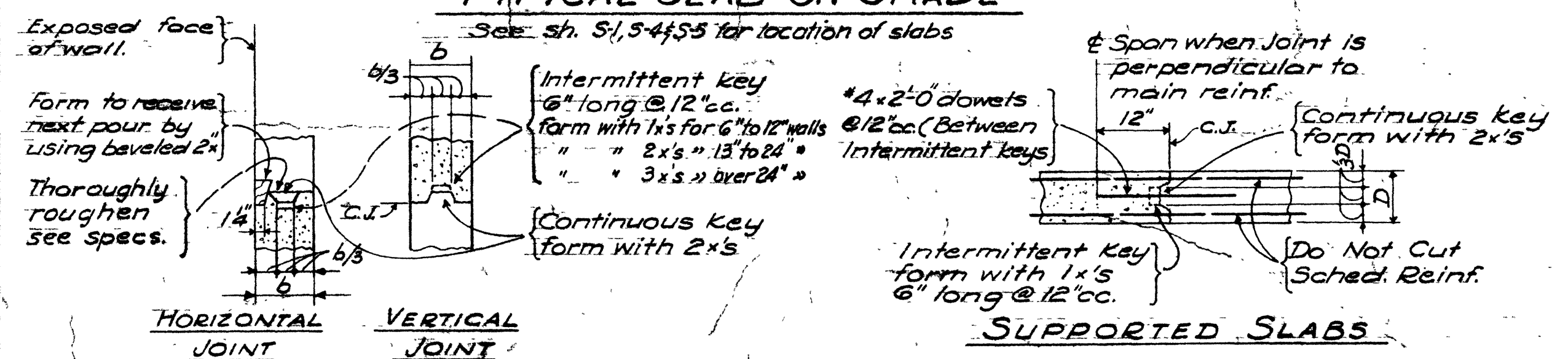


TYPICAL MARGINAL REINFORCEMENT

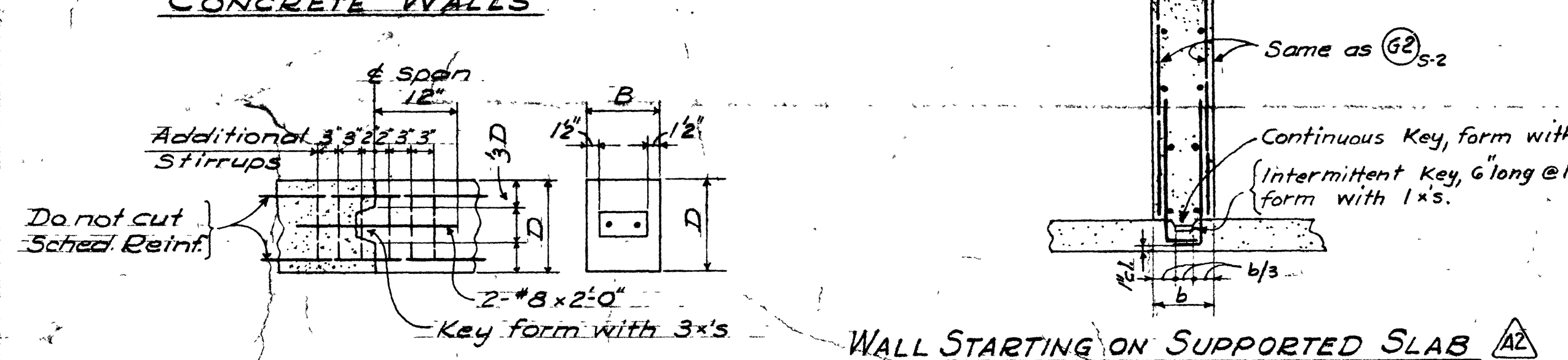
See General Note 11



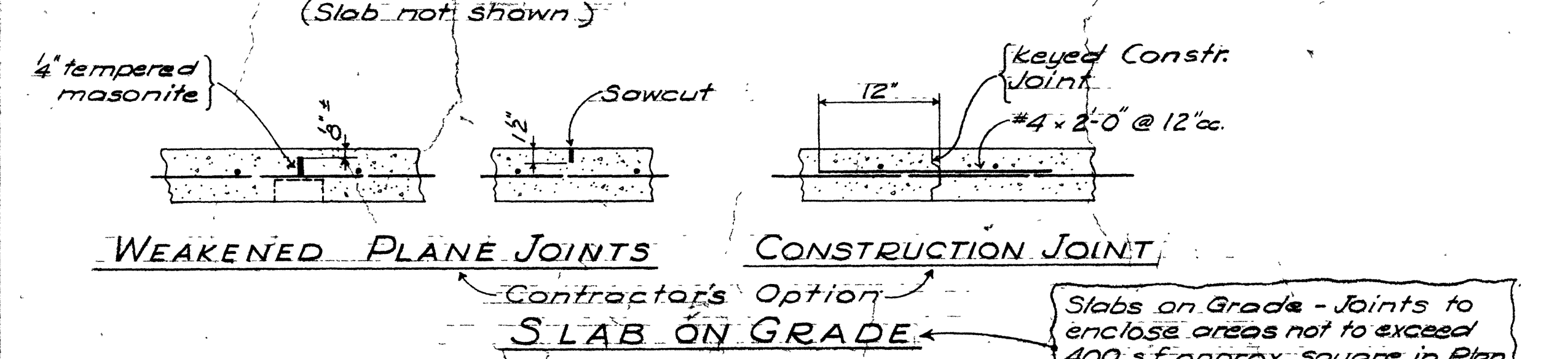
TYPICAL SLAB ON GRADE



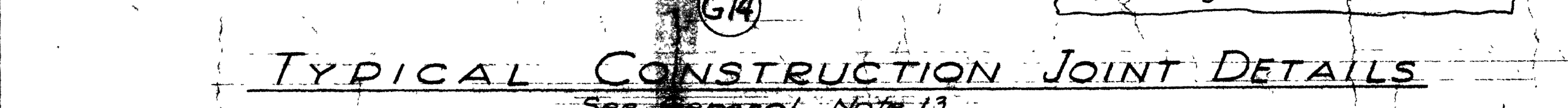
CONCRETE WALLS



BEAMS

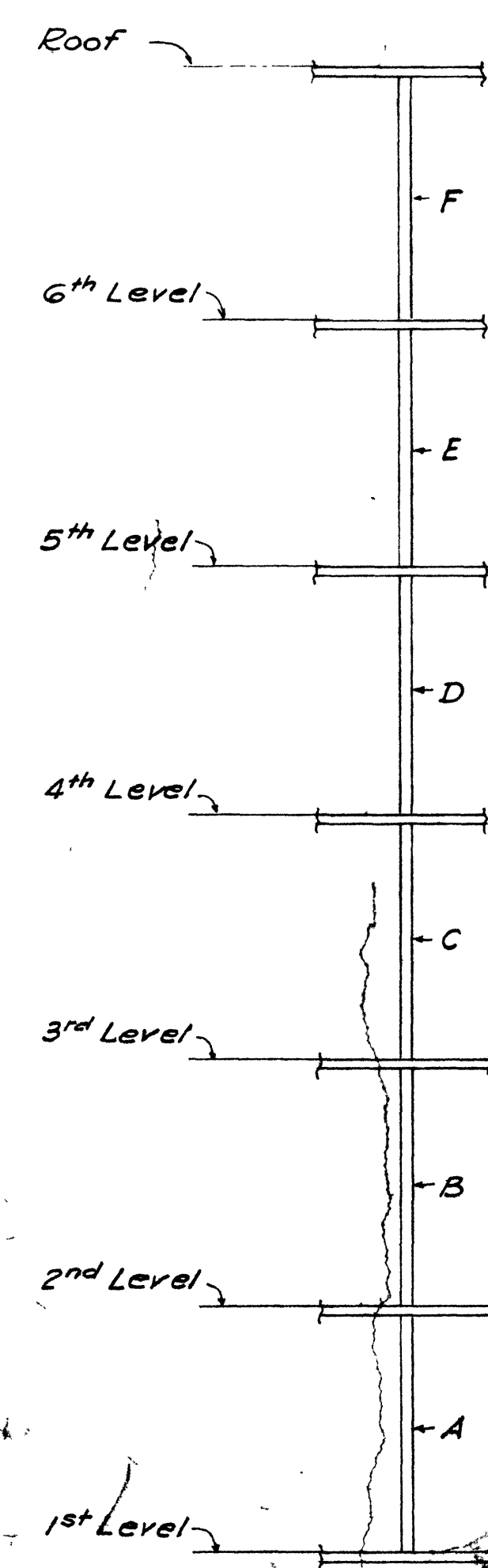


WEAKENED PLANE JOINTS



TYPICAL CONSTRUCTION JOINT DETAILS

See General Note 13



SHORE REMOVAL SCHEDULE

Added Note #17	2/24/66	THC
2. Added Note 16	15 Jan	THC
1. Revised Bar Clearance Note II (b)	1966	T. CLW
2. Add Constr Joint Detail	7 Dec	J. N.
1 Changed Datum Reference	1965	T. N.

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