

GENERAL NOTES

BUILDING CODE
All work shall conform with the governing local building code and state ordinances. The word "approved" as used in the following notes and on the drawings refers to approval by the Building Department.

FIELD INSPECTION
Verify all dimensions and conditions and report any variations to the Architect or Engineer before proceeding with the work.

SOIL
Assume sandy clayey. Allow soil bearing pressure 2,000 lbs. per sq. ft. Maximum live load plus dead load, at 1" below natural ground. All fill under building floor shall be compacted to 95% of maximum density. All footings shall extend 1'-0" minimum below natural undisturbed grade soil.

CONCRETE

1. Concrete shall be machine mixed 1: 2 1/2; 3 1/2 with 7 1/2 gallons of water maximum per sack of cement. Requires strength at 28 days to be 2,500 p.s.i., except caissons which shall be 1: 2 1/2; 3 1/2 with 6 1/4 gallons of water maximum per sack of cement. Required strength in 28 days to be 2,500 p.s.i. Continuous inspection is required.

2. The following standards (latest revision) for materials shall govern: Portland Cement A.S.T.M. C 150; Concrete Aggregate A.S.T.M. C 33 and Heavy Metal A.S.T.M. C 39.

3. Pour and place concrete shall be used for footings, pedestals, floor slabs and other places and numbers specifically as detailed on plans.

4. Precast concrete shall be used for wall panels and concrete columns.

5. Bolts in concrete shall be embedded as follows (unless noted otherwise) 1/2" dia. 5/8" bolts - 4" min.; 3/4" dia. 5/8" bolts - 7" min.; 1" bolts - 7" min.

6. Continuous inspection is not required for concrete.

REINFORCED STEEL

1. Reinforcing steel shall be of intermediate grade complying with A.S.T.M. A 15, latest revision. All bars shall be deformed and shall comply with A.S.T.M. A 305 except that #2 bars may be plain.

2. Reinforcing steel shall comply with building code; tests shall be furnished on request of the Engineer.

3. Reinforcing steel in concrete shall lap 36 diameters minimum where splices and around corners.

4. At all openings in concrete walls provide two #5 bars at each side, top and bottom extending 2'-0" beyond edges of openings except as shown. Where 2'-0" extension is not possible extend as far as possible and hook ends.

5. All reinforcing in footings at earth shall be 3" clear from ground.

6. Welded steel wire fabric for concrete floor slab reinforcement shall be 5" x 6", #10 x #10 welded wire mesh conforming to A.S.T.M. A 185-37.

STRUCTURAL STEEL

1. Miscellaneous steel shall comply with A.S.T.M. A 7 or A.S.T.M. A 36, latest revision.

2. Structural steel shall comply with A.S.T.M. A 36, latest revision.

3. Steel pipe shall be Grade "B" A 53, latest revision.

4. All steel for roof structure shall be dipped in WELDING ZEO LEAD - NO FINISH CONTAINING GILSONITE MAY BE USED.

5. Qualify welders shall be used for all welding. Welding shall be performed by means of the electric arc process. Shop welding shall be performed in the shop of an approved licensee fabricator.

6. Field welding is designed for one-half stresses. Continuous inspection is required, unless noted otherwise.

7. All structural steel welding shall be performed by welders certified by the CLARK COUNTY Building Department.

WOOD

1. Structural lumber shall be Coast Region Douglas Fir, grade marked in accordance with latest WLA grading rules.

2. All joints, rafters, beams, girders, posts and headers over openings shall be constructed of construction grade lumber or better, or as noted on framing plan.

3. All studs, sills and plates shall be standard grade lumber, or better.

4. Maximum moisture content of lumber shall not exceed 16%.

5. Provide 2" solid blocking at all supports for ceiling joists.

6. Provide 2" x 4" at 16" o.c., except as indicated otherwise.

7. Stud partitions shall be braced with 1 x 6 let-in braces at corners and 25' max. spacing.

8. Provide 2" fire blocking at top-height of stud partitions.

9. Sills and plates in contact with concrete or masonry within 4" of ground shall be pressure treated Douglas fir.

10. Where stud partitions are in contact with concrete of masonry provide approved shot bolts 7/32" dia. x 3 1/16" at 3'-0" o.c. maximum.

11. Roof sheathing plywood shall be D.F.P.A. grade marked "Structural I" C-D, thickness as indicated on framing plan with "C" face down, and all joints staggered.

12. Nailing of roof sheathing shall conform to nailing schedule with nailing to be 3/8" minimum edge distance. Plywood nails or common nails shall be used. Edges of plywood at openings in roof shall be nailed in accordance with nailing requirements in nailing schedule.

13. The diagonal arrangement of sheets of plywood relative to supporting members shall be as indicated on the framing plan. Each sheet shall bear on a minimum of three supporting members.

MISCELLANEOUS

1. Roofing or floor covering shall not be applied prior to inspection and approval of plywood and diaphragm nailing.

2. All exit doors shall be openable from the inside without use of a key or special knowledge.

3. Fire retardant roof: 5 - 1/2" felt sheets with 2 1/2" asphalt roofing between and a 6" float coat, gravel - 1/2" per 100 square feet.

4. No motor vehicles, or hazardous materials will be stored or processed in the building.

5. Location of all electrical outlets, floor sinks, space heaters and electric cooler provisions shall be as directed by Smart and Final Inc. Company field representative.

6. Fire extinguishers, as required, will be furnished by Smart and Final Inc. Company.

7. FLOOR SLAB SEALER: APPLY HUNTS MP-7C ACRYLIC SEALER TO FLOOR SLAB THROUGHOUT, ACCORDING TO MANUFACTURER'S DIRECTIONS.

PRECAST CONCRETE NOTES FOR PANEL DETAILS

- All panels shown inside looking out, or as specifically noted.
- All wall panels shall be 5 1/2" thick, except as noted.
- In all panels provide minimum reinforcing, each way of #4 at 12" o.c. with horizontal bars at center of thickness except as noted. Where additional reinforcing is indicated on panel drawing it shall be placed at center of panel replacing typical minimum steel where it occurs unless noted otherwise.
- Extend reinforcing to within 2" of the edges of panels.
- Rigidity, bracing, struts, brags and typical reinforcing at openings and lifting inserts shall conform to typical concrete wall panel details as indicated on this sheet.

ERECTION SCHEDULE

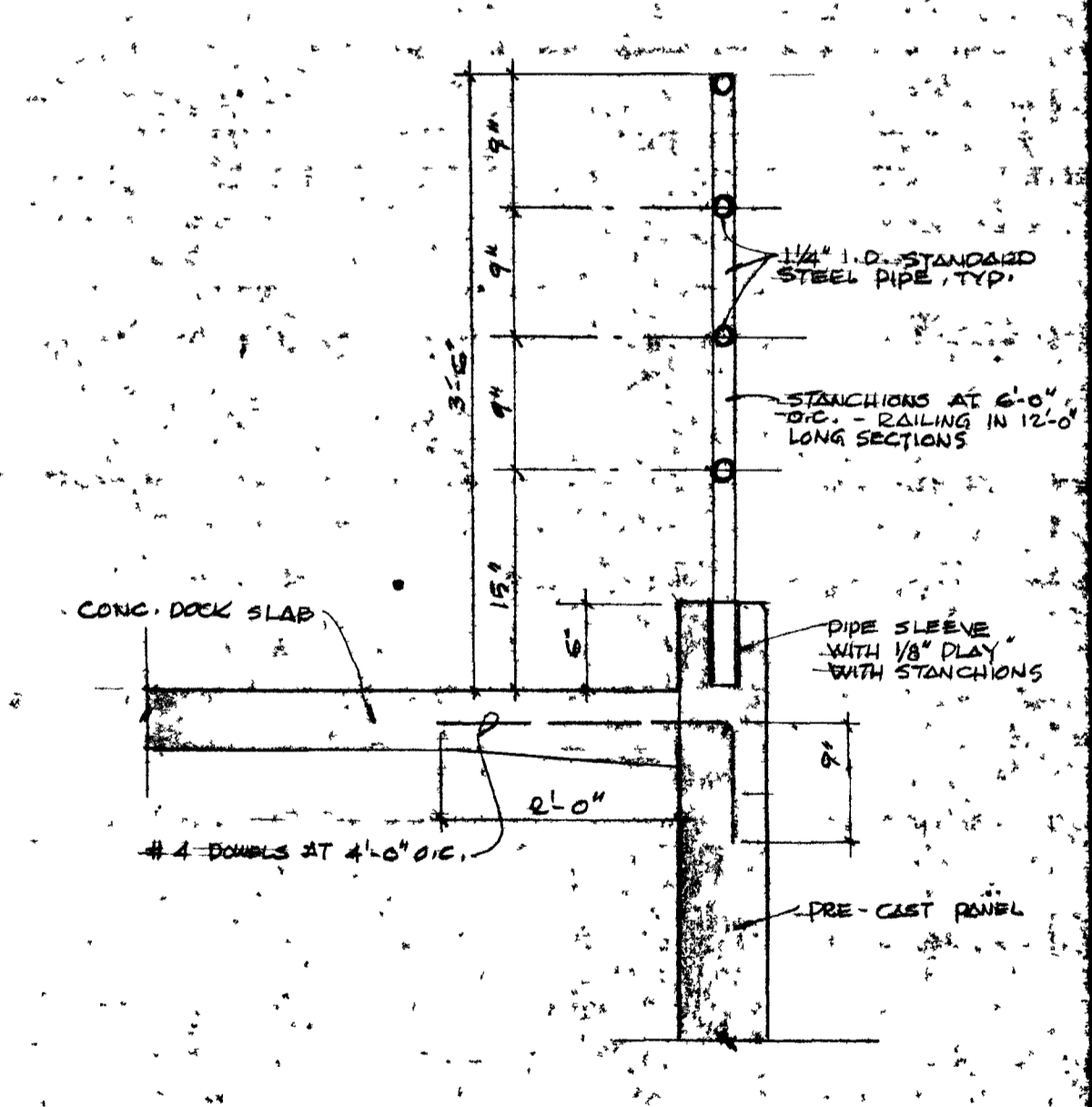
- Grade and compact fill for floor slab.
- Excavate and pour footings.
- Pour floor slab.
- Pour wall panels using floor slab as form, or other suitable form.
- Erect and brace all panels.
- Erect roof framing.
- Precast members shall not be erected until approval by the Building Department or 7 day tests. Concrete shall test 1,900 p.s.i. prior to lift.
- The surface of the floor slab as a form for pre-cast members shall be coated with a film of material to decrease or eliminate adhesion. When necessary panels shall be pried loose by mechanical means.

CONCRETE MASONRY CONSTRUCTION

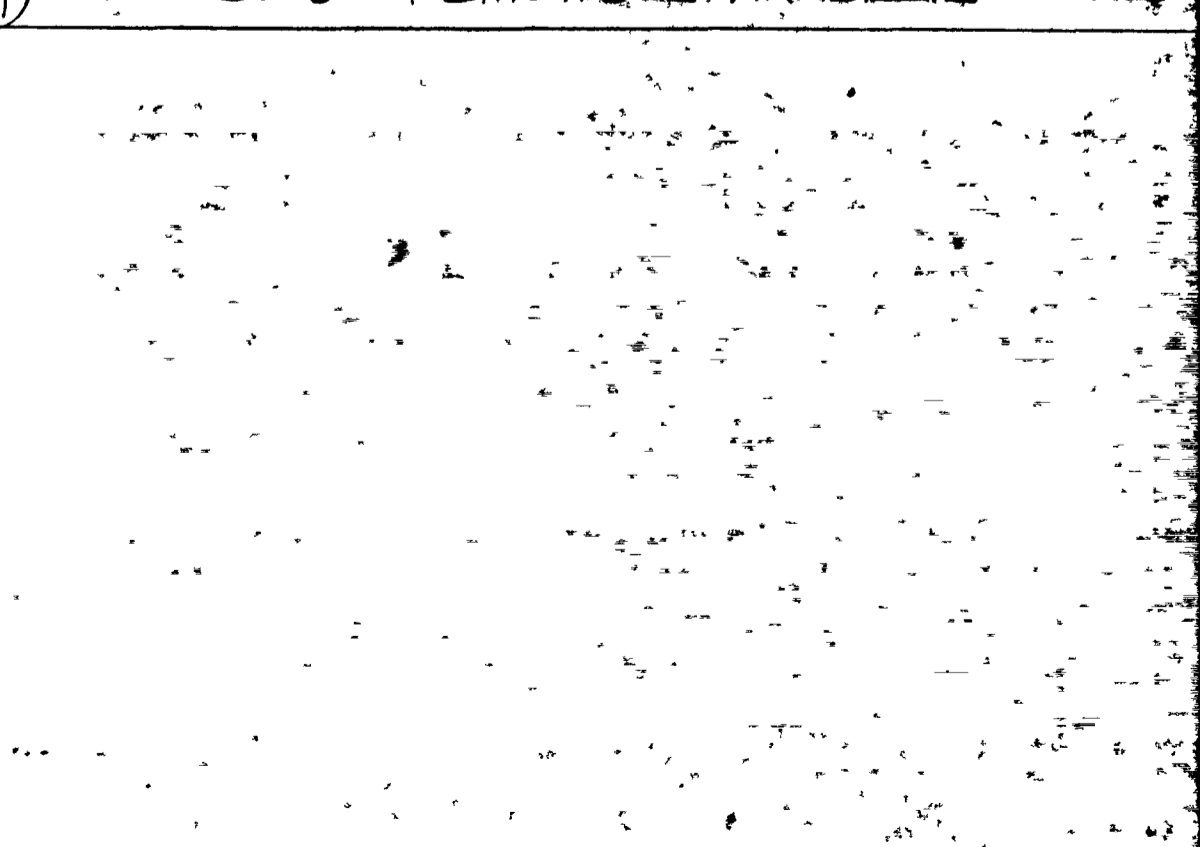
- Concrete block shall be Grade "A" hollow-leaf-bearing units conforming to A.S.T.M. C 90.
- Masonry cell walls and cross walls shall be full bedded in mortar. All cells containing reinforcing shall be filled solidly with grout in lifts not exceeding 8'-0" in height. Reinforcing in concrete block construction shall be placed as shown and dimensions on the plans and shall be held in position in vertical walls by mechanical device at intervals not exceeding 160' diameter of the reinforcing and specifically at tops and bottoms of all bars.
- Mortar: 1 part cement to 3 parts mortar sand to which shall be added lime putty 1/4 part by volume of cement content. Grout shall be 1:5 mix.
- All masonry construction to be in strict accordance with Chapter 2, 1977 Uniform Building Code.

- Indicated beams and l conform to V.I.P.A. specification for combination "A".
- All indicated beams shall meet the requirements of A.I.T.C. specifications for industrial laminated beams. All ends of laminated beams shall be coated with and sealed with water-resistant casing type glue with wood inhibitor shall be used for all interior laminated beams. Moisture content: 7% maximum with a 1/2" maximum variation in any area.
- Beams shall be protected during transit.
- To be erected by lift trucks in lifts not exceeding 8'-0" in height. Inspection certify that the glued laminated members are produced in accordance with the A.I.T.C. "Inspection Agency" and approved International Conference of Building Officials.
- It is the responsibility of the contractor to provide for actual job measurements using "wall cuts" as required.

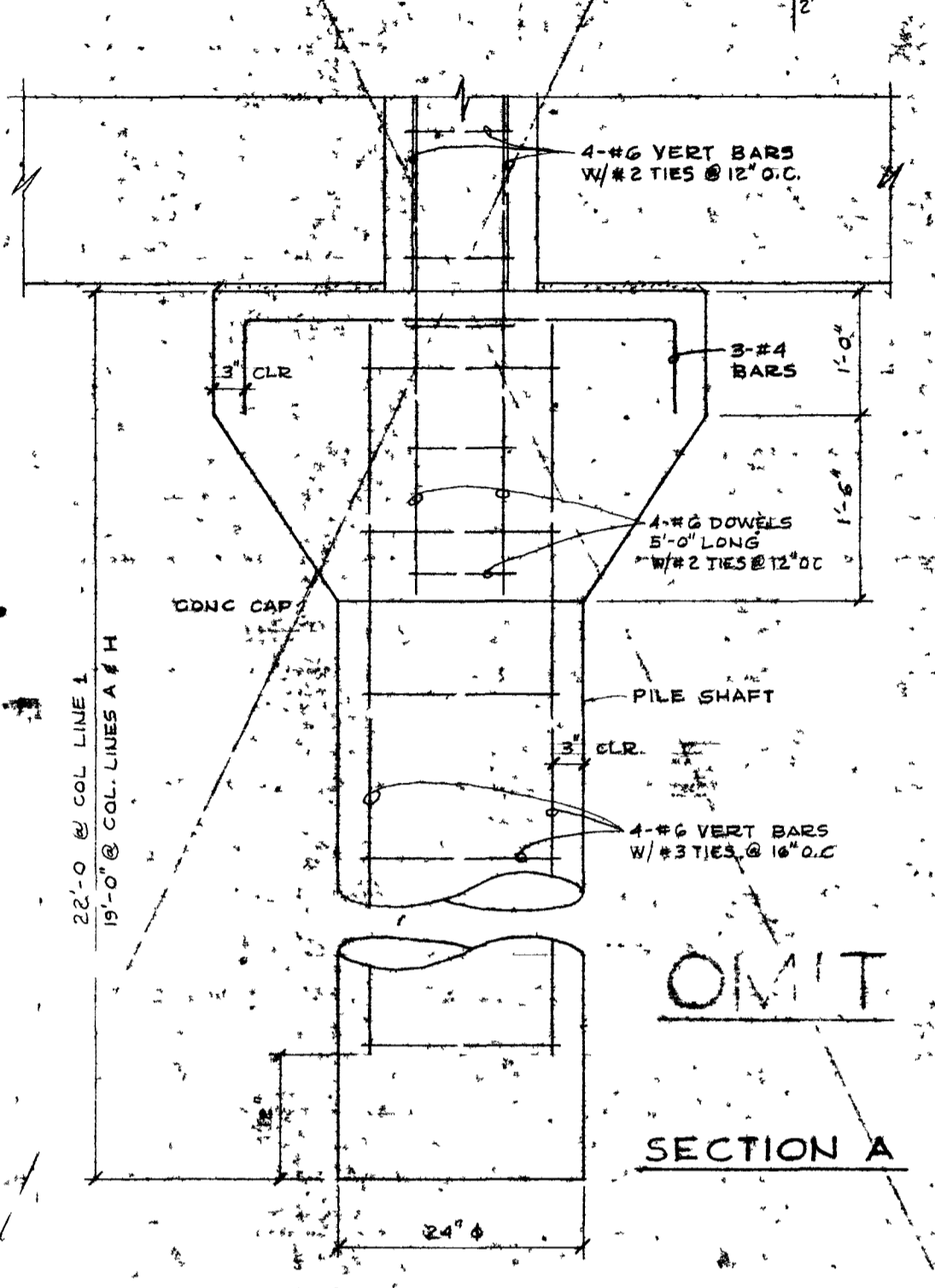
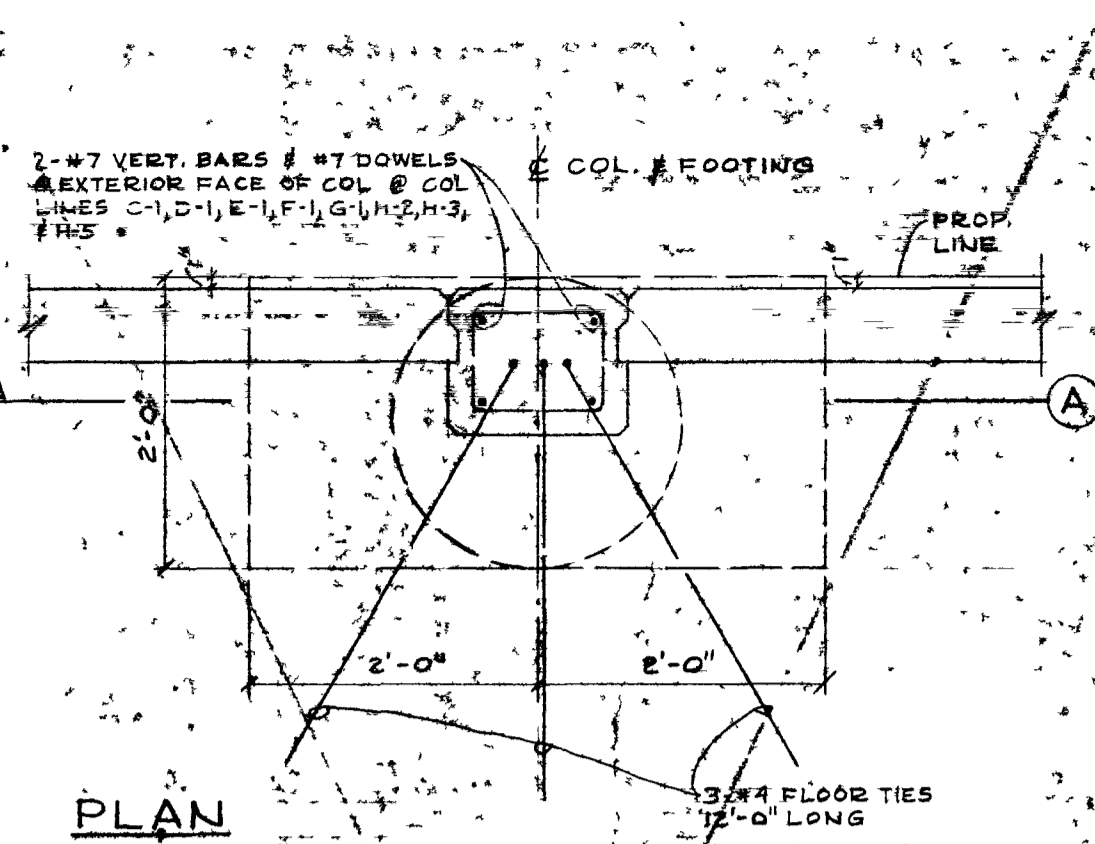
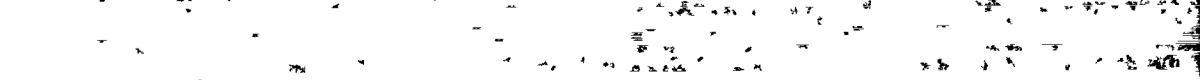
CONC. CURB & REMOVABLE HANDRAIL



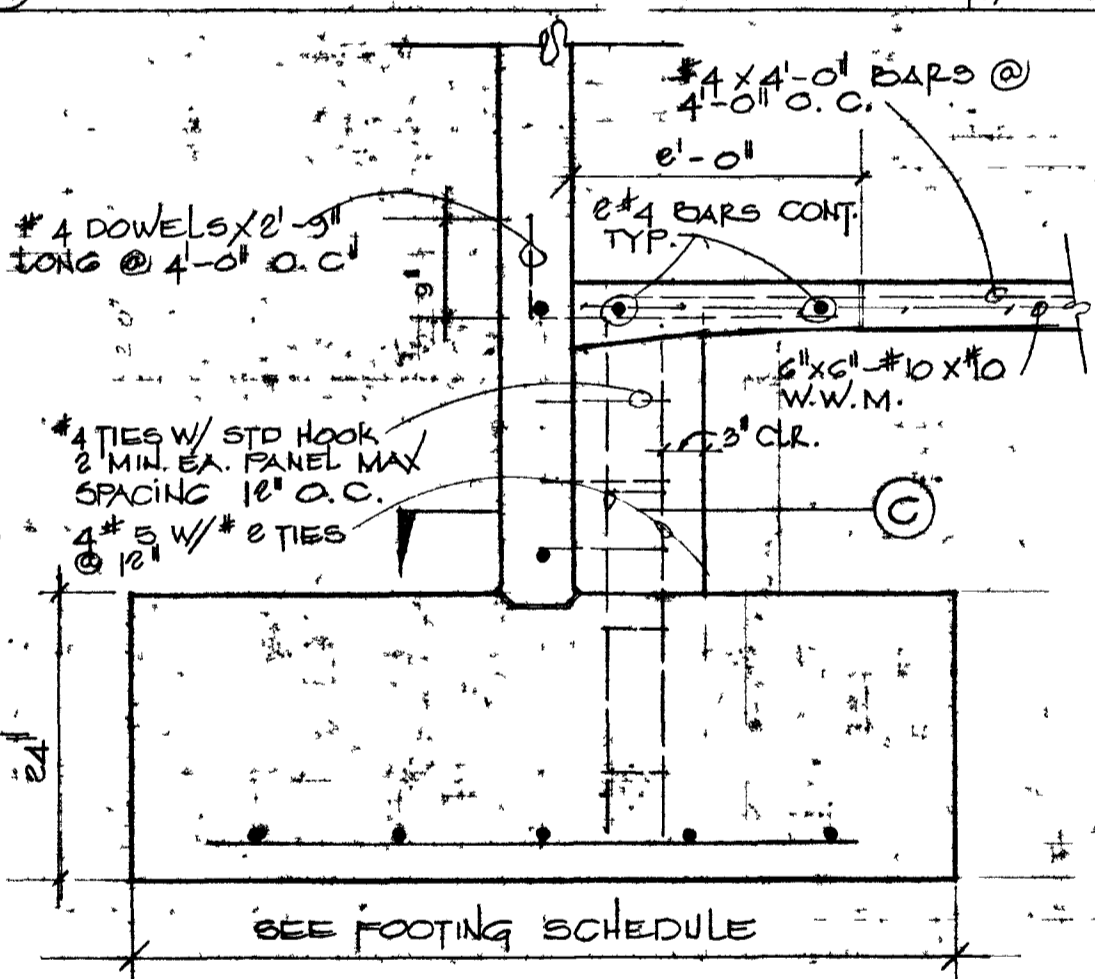
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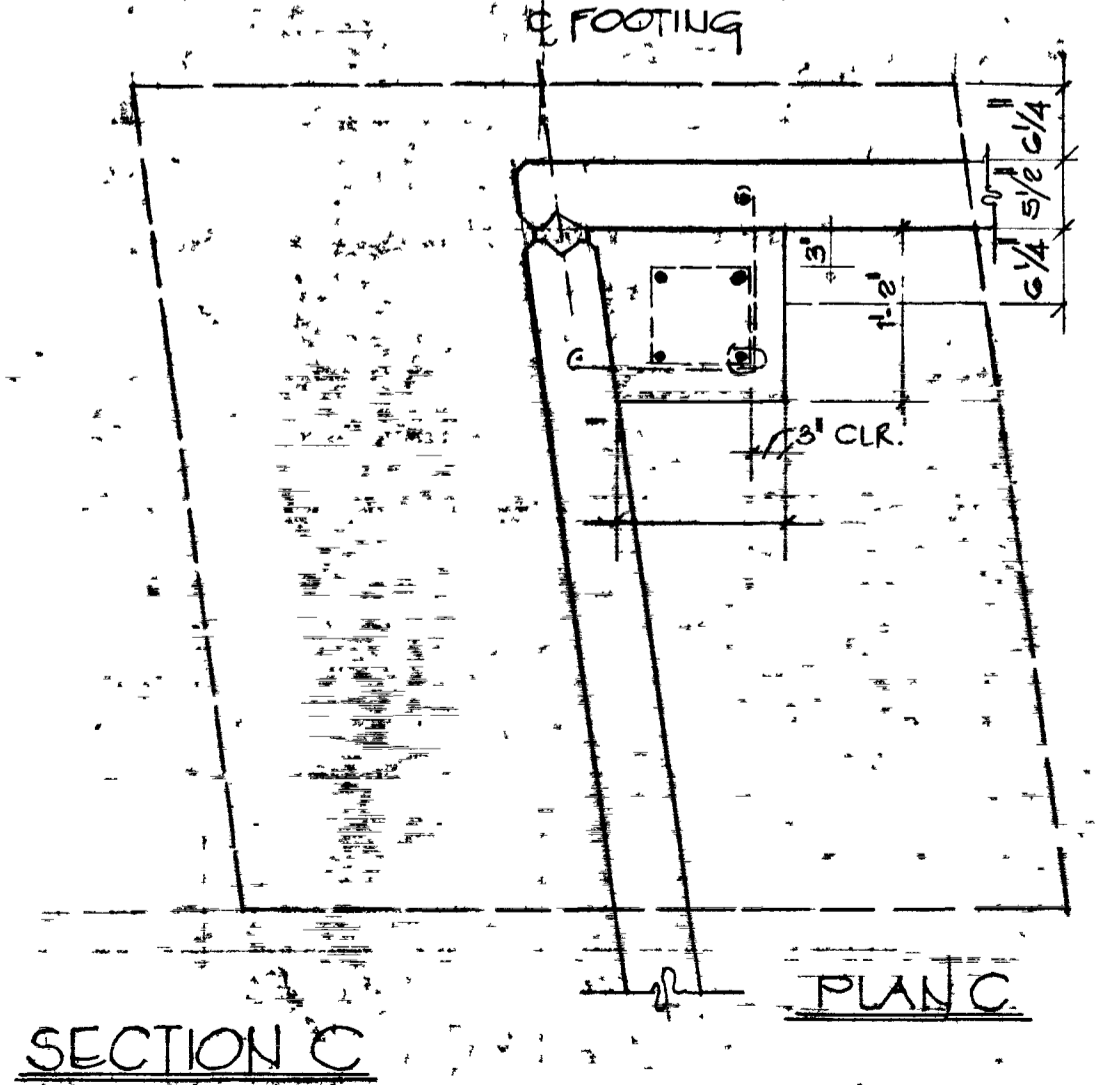
TYP. FOOTING DETAIL AT CORNERS OF J&R



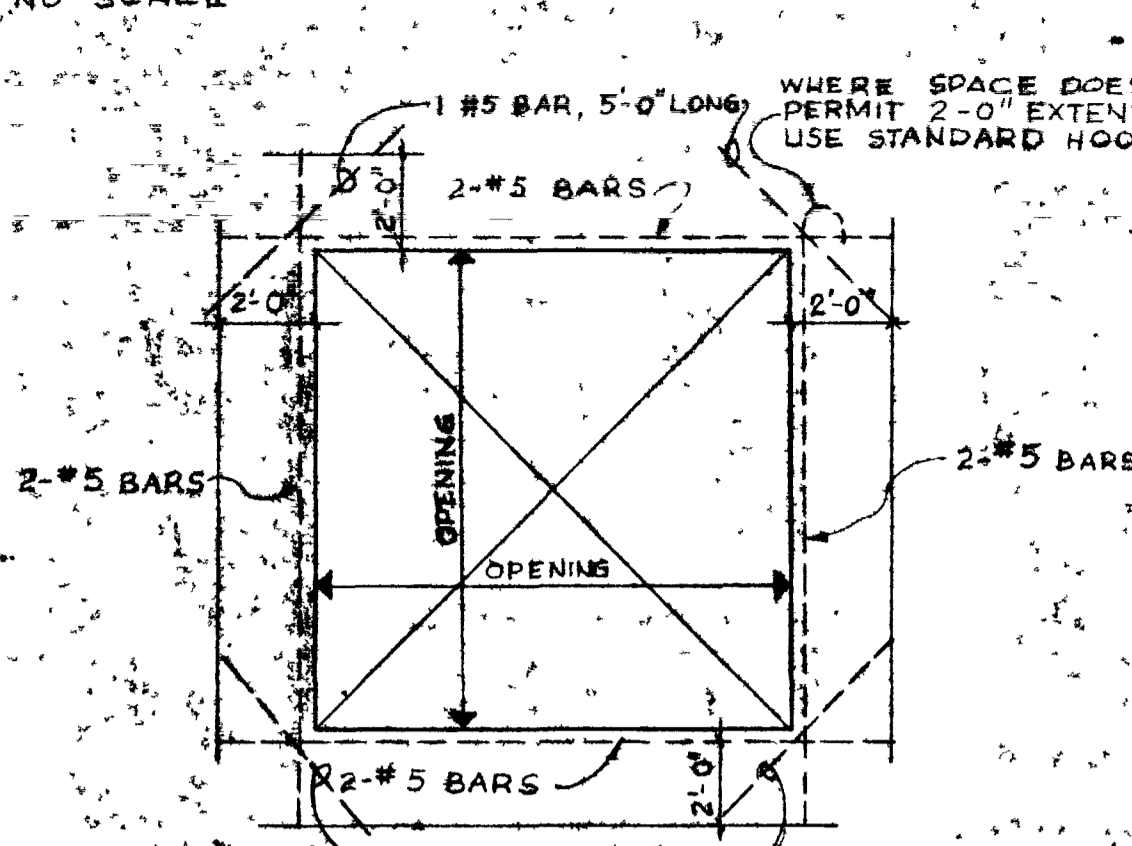
TYP. PROPERTY LINE FOOTING



TYP. FOOTING DETAIL AT CORNERS OF J&R

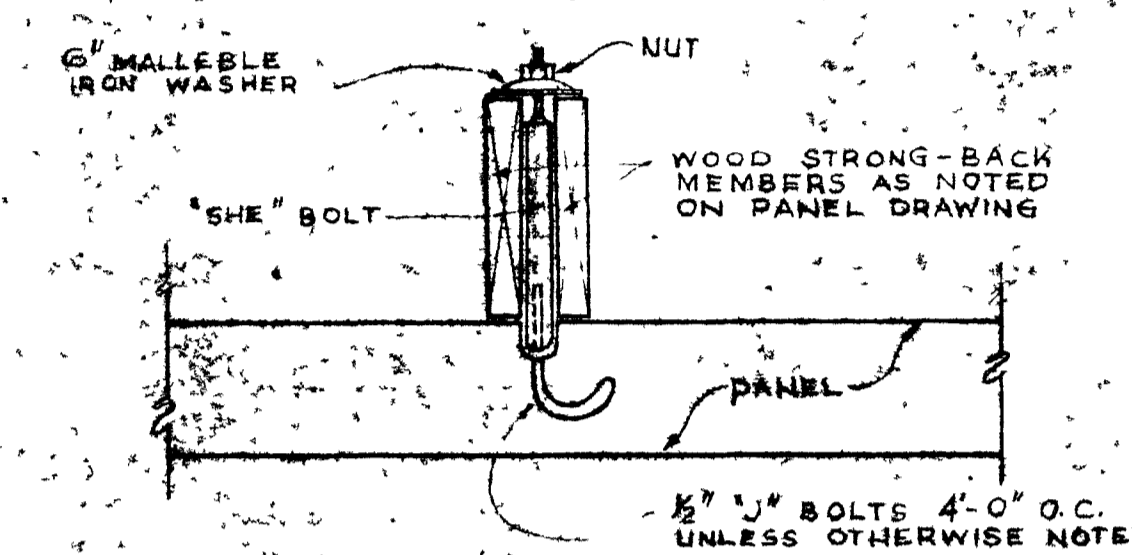


TYPICAL CONCRETE WALL PANEL DETAILS:

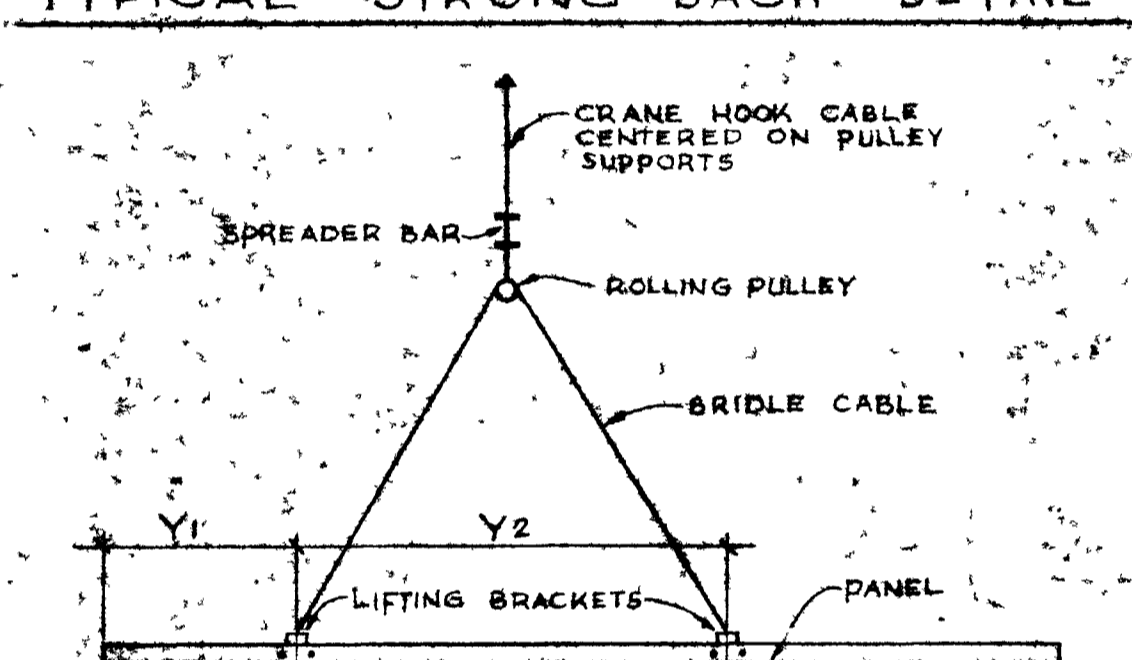


TYPICAL PANEL OPENING REINFORCING

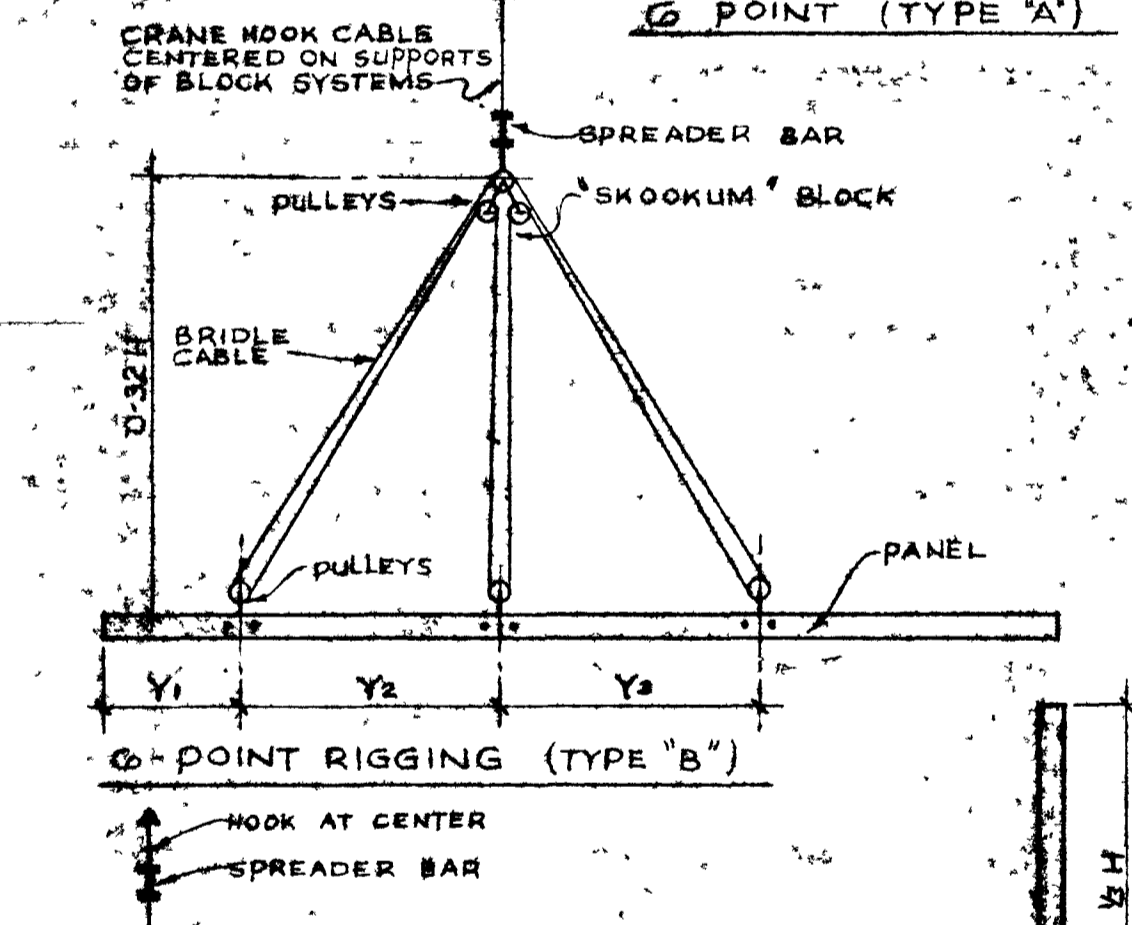
APPLIES WHERE NO SPECIAL REINFORCING IS INDICATED ON PANEL DRAWINGS



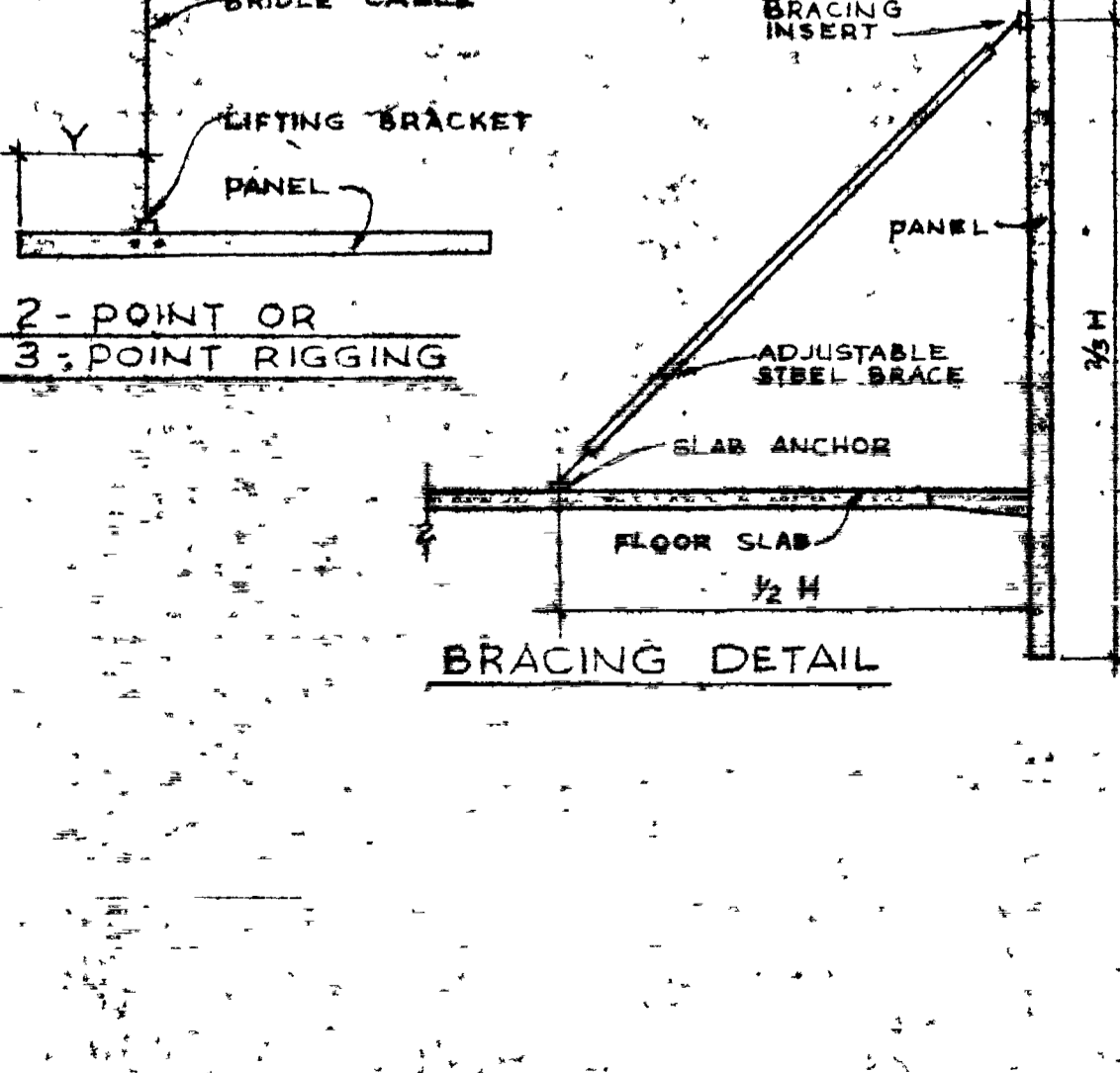
TYPICAL "STRONG-BACK" DETAIL



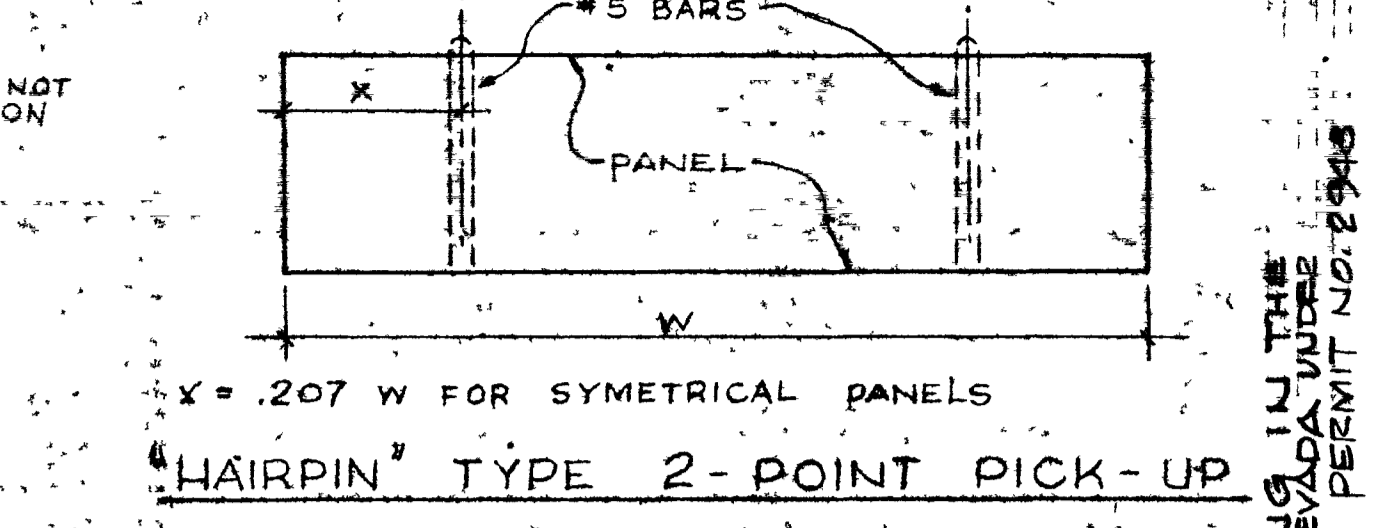
TYP. PROPERTY LINE FOOTING



TYP. FOOTING DETAIL AT CORNERS OF J&R

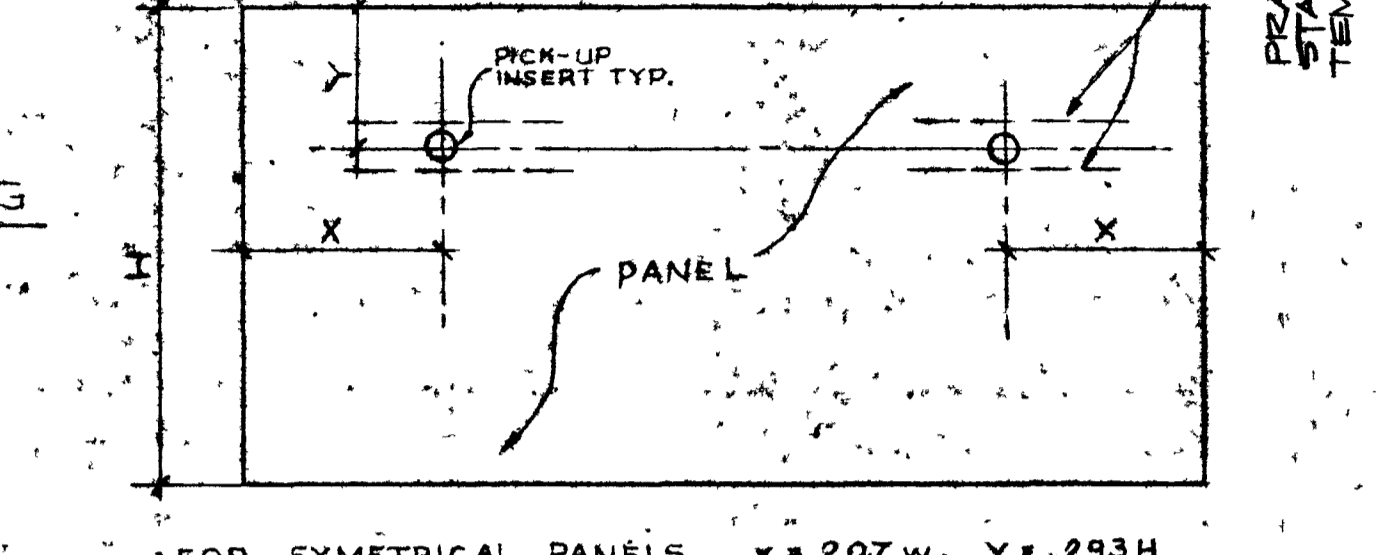


TYPICAL CONCRETE WALL PANEL DETAILS:

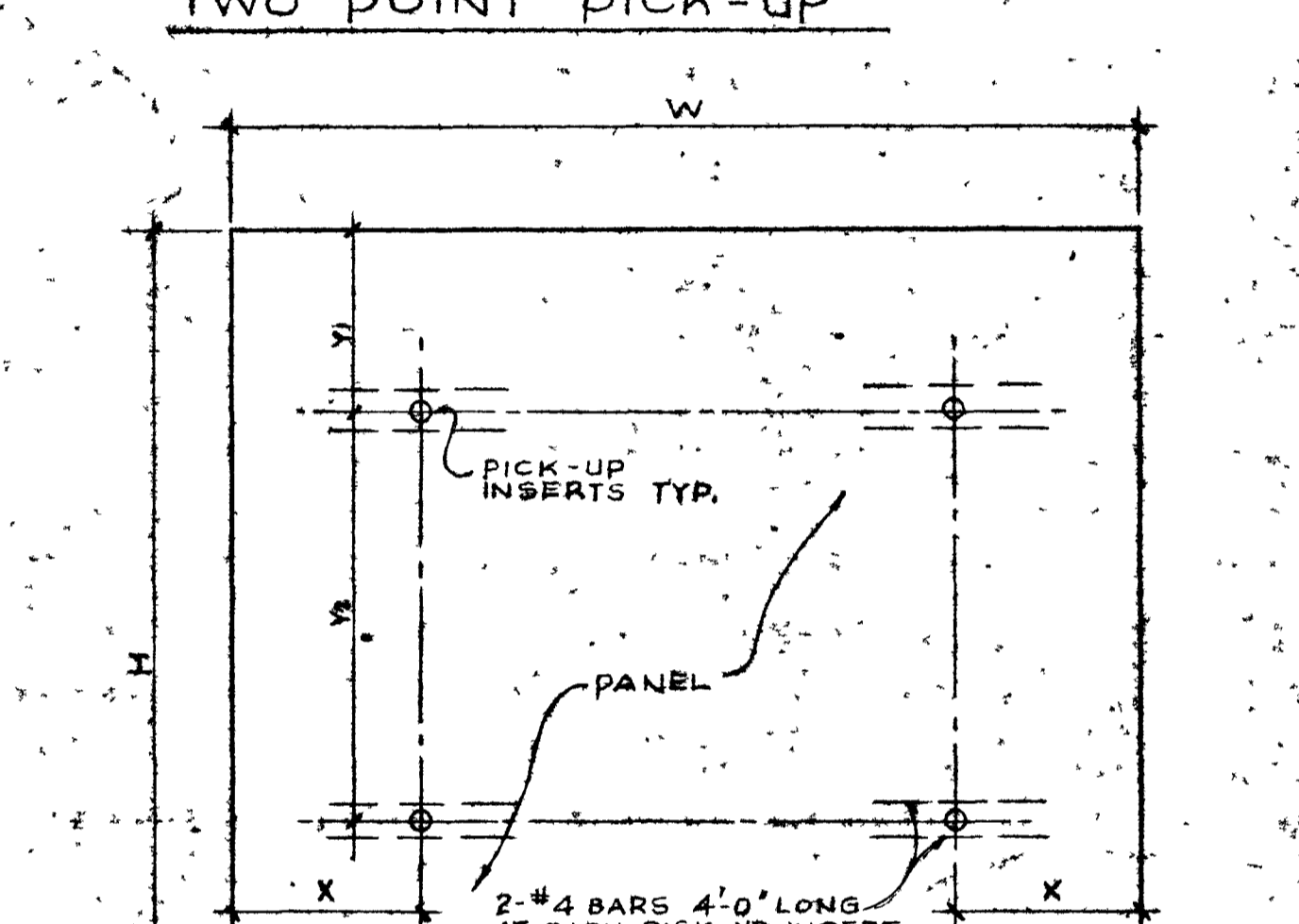


TYPICAL PANEL OPENING REINFORCING

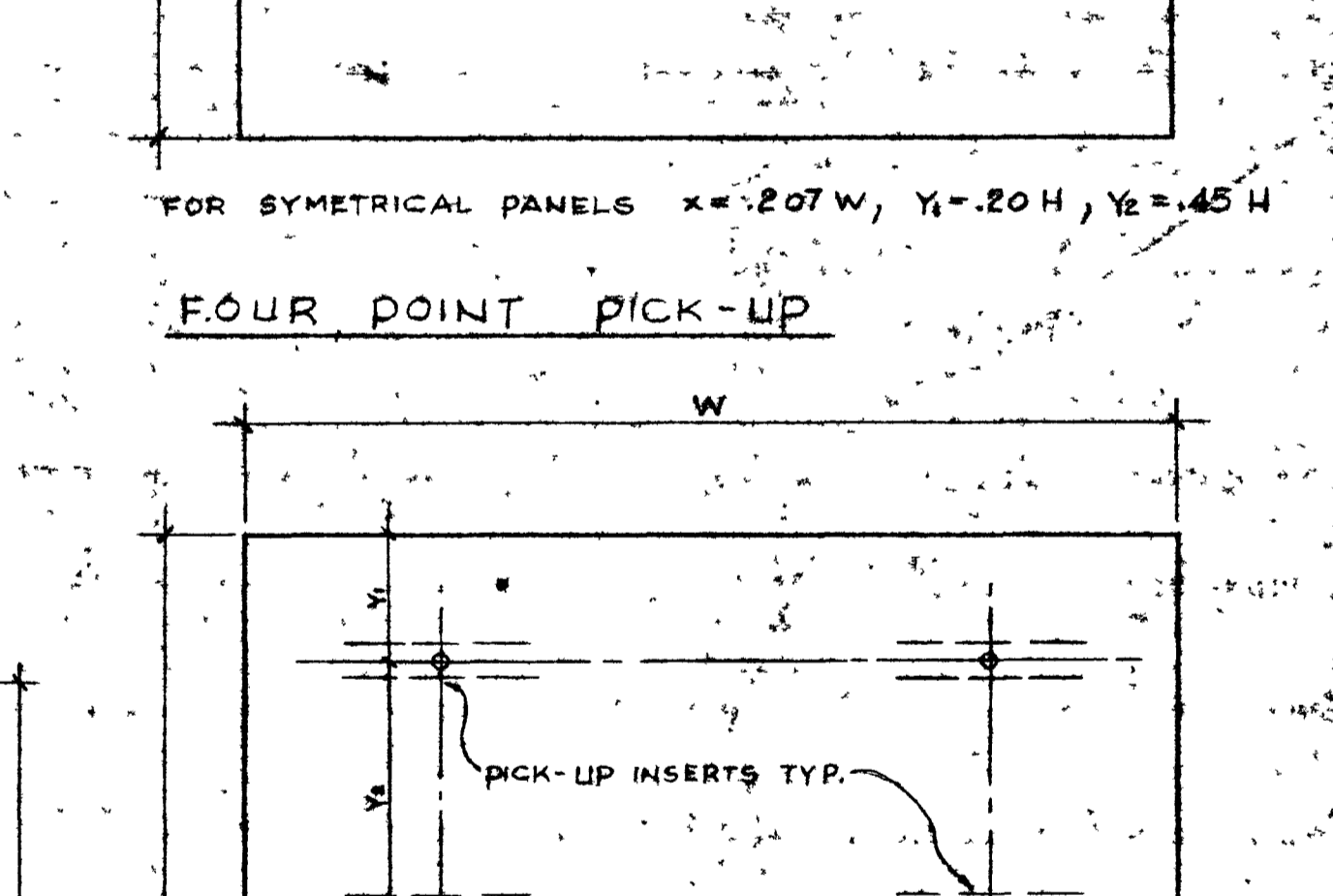
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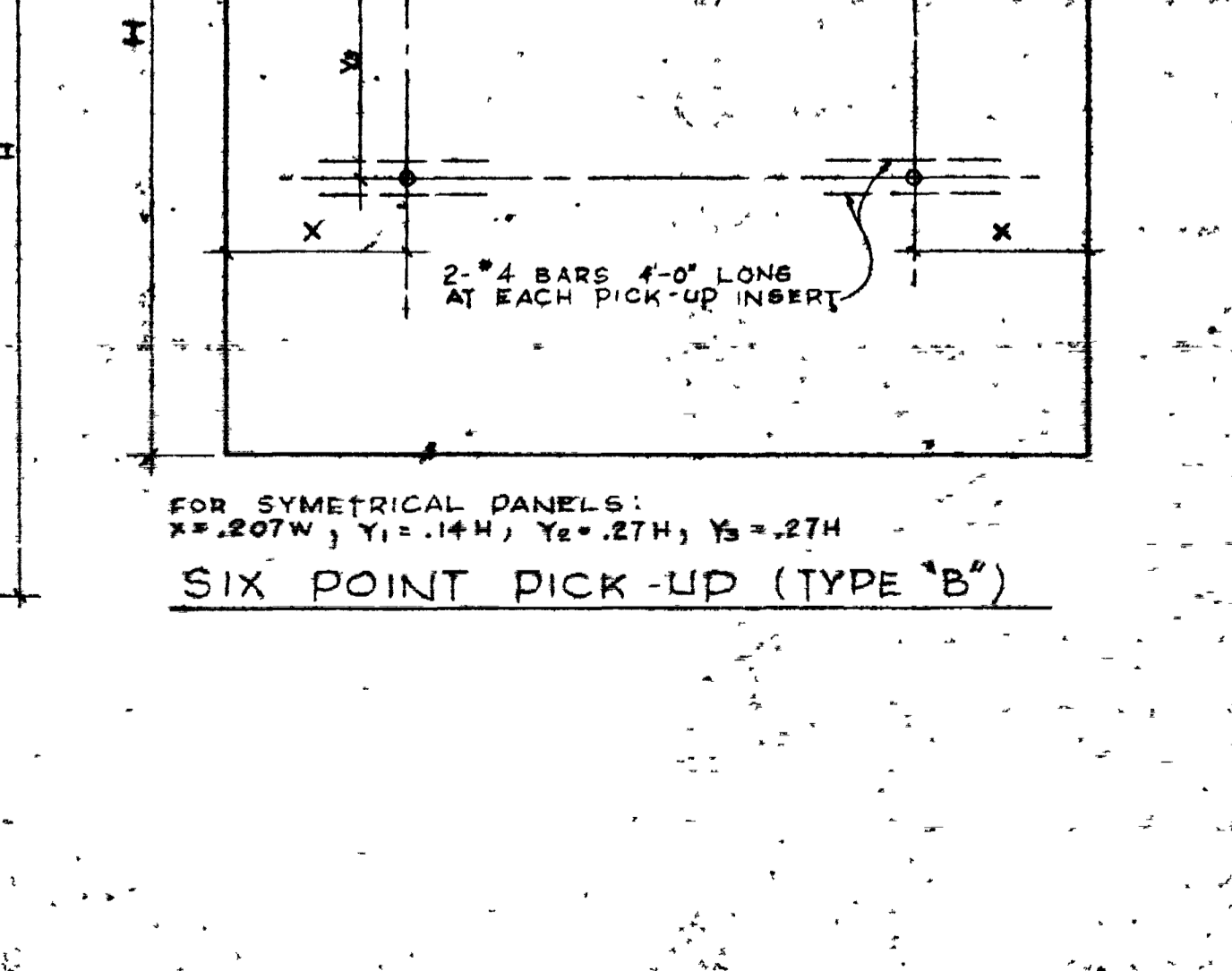
TYPICAL "STRONG-BACK" DETAIL



TYP. PROPERTY LINE FOOTING



TYP. FOOTING DETAIL AT CORNERS OF J&R



WHOLESALE - RETAIL DISTRIBUTION CENTER
FOR
SMART AND FINAL IRIS CO.
N. MAIN STREET, LAS VEGAS, NEVADA

THE EXCLUSIVE ARCHITECT OF RECORD FOR THIS PROJECT IS
JACK H. MACDONALD ARCHITECTS AND ENGINEERS
321 S. SAN VICENTE BLVD. LOS ANGELES 90048 272-3131

DATE: 8/18/70
BY: J.H.M.
CHECKED: J.H.M.
DRAWN BY: J.H.M.
SCALE: AS SHOWN

PERMIT NO. 28948
STATE OF NEVADA UNDER TEMPORARY PERMIT NO. 28948

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