

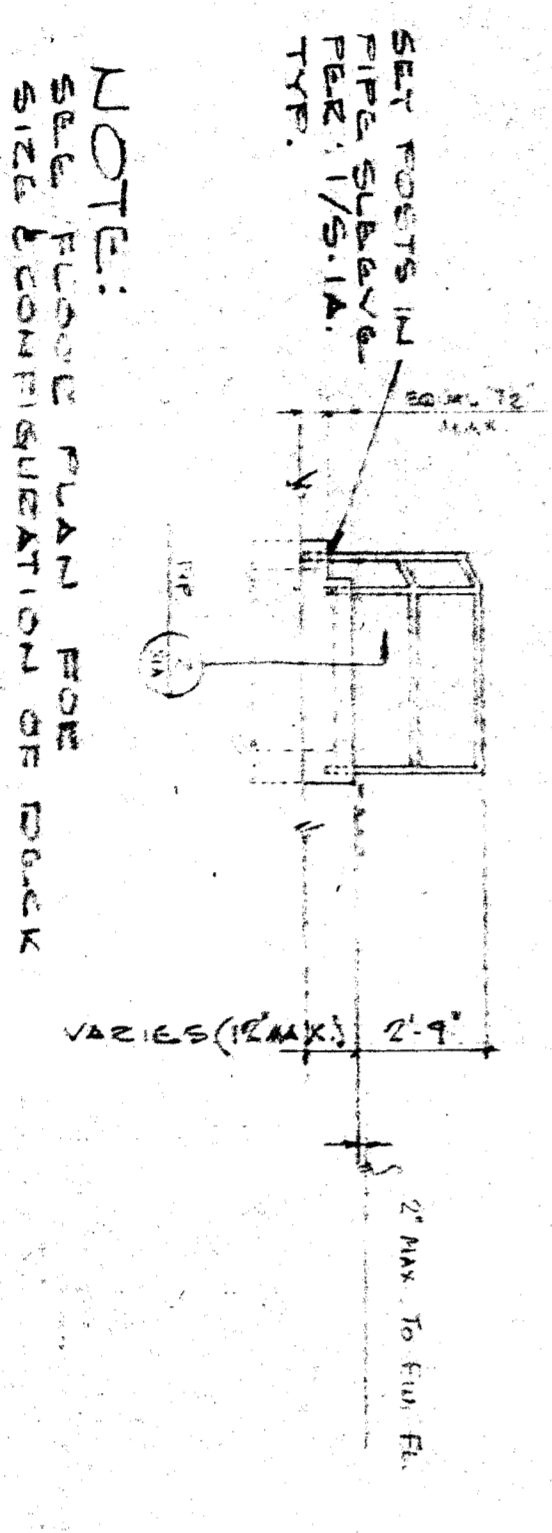
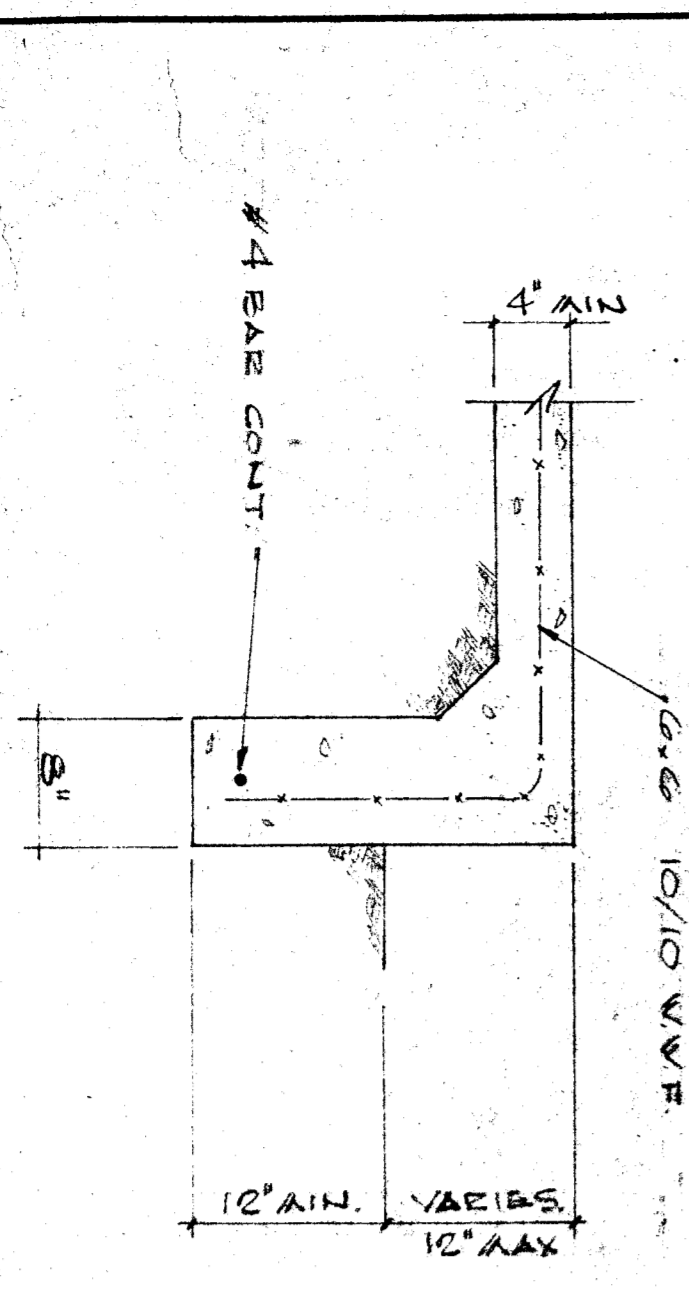
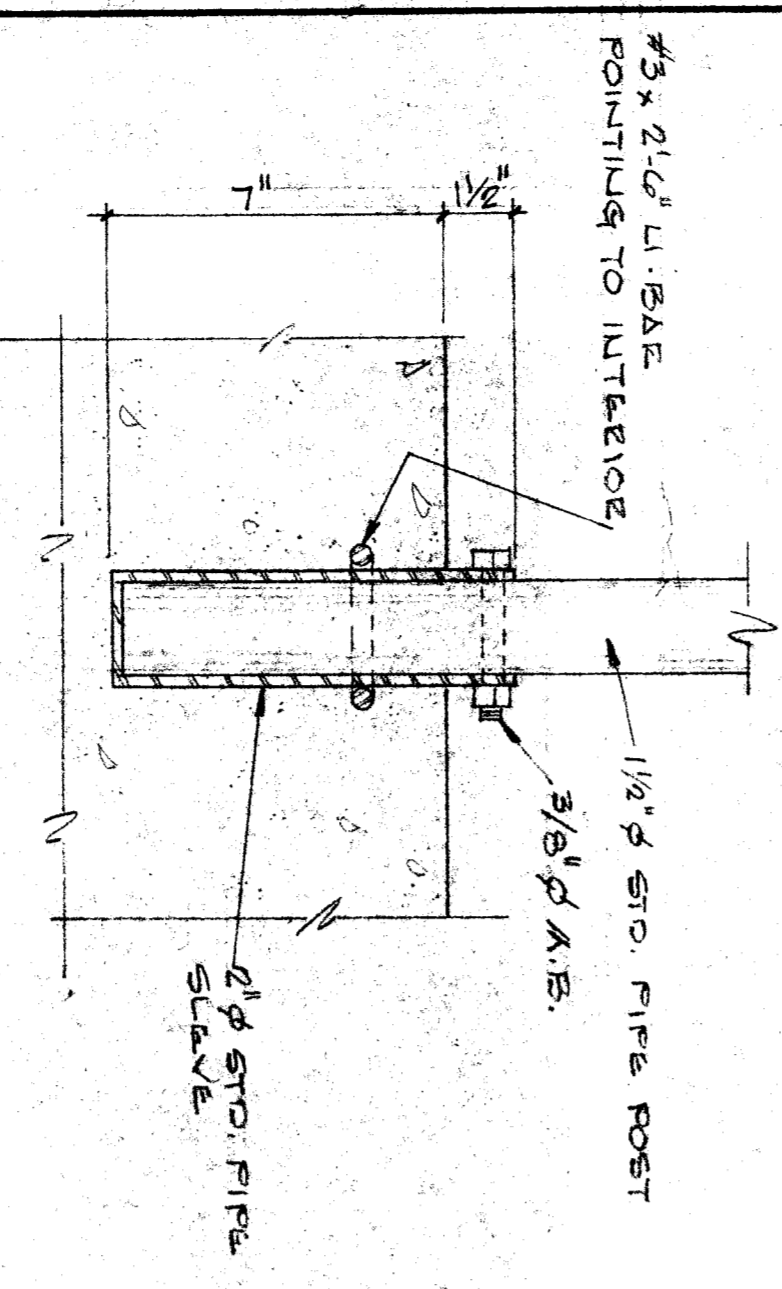
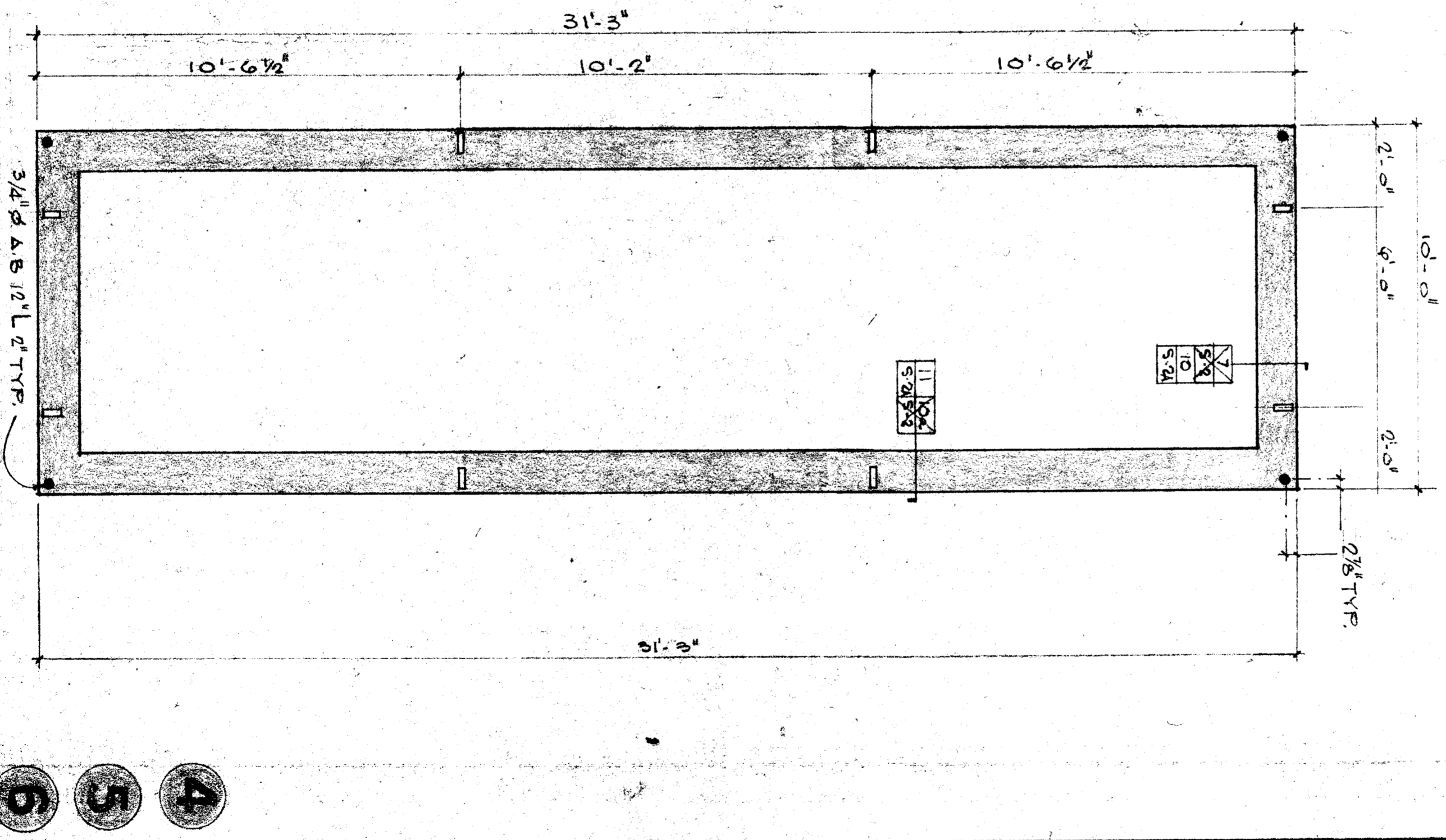
GENERAL NOTES

1. FOOTINGS ARE DESIGNED FOR A SOIL PRESSURE OF 1200 P.S.F.
2. CONCRETE TO BE 125-35 WITH 75 GALLONS OF WATER PER CYC OF PORTLAND CEMENT. TENSILE STRENGTH SHALL BE 2000 PSI AT END OF 28 DAYS. FINISHING MAY BE USE OF FORMATION WHEN THE CONCRETE HAS SET A MINIMUM OF 72 HOURS (3 DAYS).
3. ALL JOISTS TO BE DOUBLE END BLOCK OR LARCH GRAFT. ROOFING, SPS (GRADE MARKED), ROOF, ROOF LAGGERS AND PLANK JOISTS TO BE 1500F VALL STUDS, PLANKS AND BLOCKING 1500F
4. FLOOR AND ROOF JOIST TO BE FULL LENGTH IN ONE PIECE; SPLICES WILL NOT BE PERMITTED.
5. ROOF JOIST HANGERS SHALL BE 24 GA. GALV. METAL WITH A MINIMUM DESIGN CAPACITY = 750 LBS.
6. ALL WASHERS SHALL BE STANDARD QTY STEEL OR STANDARD QUALITY WOOD WASHERS FOR 1/2" DIA. SIZES 3/4" 3/8" 1/2" SHALL BE AS PER S.D. TABLE 7. STRUCTURAL STEEL AND WELDING
7. STRUCTURAL STEEL AND WELDING
8. ALL LATHER GAGE STEEL - FLAT ROLLED GAGE STEEL, SHEARS, STRONG, QUALITY ASTM A-242, MIN TENSID 50,000 P.S.I.
9. SQ. STEEL CORNER STRUCTURAL SHAPES AND PLANKS - ASTM A-36.
10. HIGH STRENGTH BOLTS - ASTM A-325 UNLESS SHOWN. SEE TABLE FOR ADDITIONAL NOTE.
11. ALL OTHER BOLTS AND THE BOLTS SHALL BE ASTM A-7.
12. BOLTS FOR BOLTS TO NOT MORE THAN 1/16" LARGER THAN BOLT DIAMETER.
13. ALL WELDING TO BE INSPECTED AND ALL WELD BEADING TO BE FULL PENETRATION, ALSO SHALL COMPLY TO SECT. 820 TITLE 21.
14. BOLTS IN TIMBER TO HAVE STANDARD QTY WASHERS IN ACCORDANCE WITH SECTION 607, ARTICLE 6, TITLE 21, CALIFORNIA ADMINISTRATIVE CODE UNLESS NOTED OR UNLESS USED WITH STEEL PLATES OR ANGLES.
15. LAG SCREW STAIR HEAD BOLTS SHALL HAVE THE SAME DIAMETER AND DEPTH AS THE LENGTH OF UNPERFORATED SHANK. HEAD BOLT FOR THE HEADBOARD PORTION SHALL HAVE A DIAMETER EQUAL TO 75% OF THE SHANK DIAMETER AND SHALL IN LENGTH TO THE STANDARD PORTION.
16. PLYWOOD SHALL COMPLY TO THE REQUIREMENTS OF PRODUCT STANDARD PS-166 FOR FORMS FOR PLYWOOD. EACH PLYWOOD SHALL BE GRADE SHOWN AND IDENTIFIED UNDER THE PROGRAMS AND QUALIFICATIONS SET FORTH IN PARAGRAPH 8.01 OF THE CONTRACT STANDARD BY A QUALIFIED INSPECTOR AGENCY (CERTIFIED GUYD).
17. PLYWOOD WELDING
 1. 1/2" PLYWOOD JOINT SHEARING SHALL BE GATED WELDED, WITH GASKET TYPE WITH BOLD WELDER AND COMPLYING WITH FEDERAL SPEC. SEM A-129; 6" COOLER KING SHANK NAIL, SPACED AT 12" O.C. IN THE FIELD AND 6" O.C. AT THE EDGES.
 2. 1/2" PLYWOOD JOINT SHEARING SHALL BE GATED WELDED, WITH GASKET TYPE WITH BOLD WELDER AND COMPLYING WITH FEDERAL SPEC. SEM A-129; 6" COOLER KING SHANK NAIL, SPACED AT 12" O.C. IN THE FIELD, 6" O.C. AT THE EDGES, AT THE JOINTS AND CROSS JOINTS.
 3. DIAMETER SELF-LAPPING SELF-DRILLING PLUG HEAD BOLTS WITH 4" OR MORE 4" OR MORE.
18. FLOOR AND ROOF SHEARING SHALL BE APPLIED WITH BOLS GATED PARALLEL TO DIRECTION OF JOIST. SERVICE AND PLYWOOD BOLTS WITH JOIST OR HOLLOW.
19. PAINT STRUCT. STEEL AS PER TITLE 21.
20. ALL WELDED JOINTS SHALL BE 300# OR STRONGER
21. SITE AND PLANT INSPECTION TO BE PROVIDED FOR AS PER TITLE 21.
22. LIGNER-JOINTING METHOD SHALL BE USED WHEN THE TORQUE-WRENCH METHOD IS USED TO TIGHTEN JOINTS TO INSURE THAT THE JOINT ARE PROPERLY COMPACTED. THIS IS BROUGHT INTO FULL CONTACT WITH EACH OTHER. THIS SHALL BE DEFINED AS THE TIGHTNESS ATTAINED BY A BLOW IMPACT OF AN IMPACT WRENCH OR THE FULL EFFECT OF A MAN USING AN APPROPRIATE SPREADER. THE TIGHTNESS SHALL BE MEASURED BY THE APPLICABLE AMOUNT OF TORQUE. THE JOINT SHALL BE TIGHTENED ADDITIONALLY BY THE APPLICABLE AMOUNT OF TORQUE. THE JOINT SHALL BE TIGHTENED PROGRESSIVELY SYSTEMATICALLY FROM THE JOINT TO THE JOINT TO ITS FULL EFFECT.

TABLE 1: DISPOSITION OF OTHER FACES OF BOLTED JOISTS

| BOTH FACES NORMAL TO JOIST AXIS | ONE FACE NORMAL TO JOIST AXIS, ONE SLOTTED (NOT USED) | BOTH FACES SLOTTED (NOT USED) | 1/2" FROM NORMAL TO JOIST AXIS, ONE SLOTTED (NOT USED) |
|---------------------------------|---|-------------------------------|--|
| 1/2 TURN | 3/4 TURN | 1 TURN | 1 TURN |

*NOT PRESENT: IS JOINTING RELATIVE TO SOFT WEATHERING OF THE ELEMENT. (NOT OR BOLT BEING TIGHTENED TO BEARING ON JOINTING). TO TURN (NOT OVER) JOINTS WHERE FOR COARSE HEAVY HEAD BOLT OF ALL SIZES AND LENGTHS AND HEAVY BEAM-FURNISHED NUTS.



REVISIONS

| NO. | DATE | DESCRIPTION |
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| | | |

REFERENCE PLAN

DATE SET NO.

APPROVED BY: [Signature]

APPROVED BY: [Signature]

APPROVED BY: [Signature]

OFFICE OF ARCHITECTURE & CONSTRUCTION

STATE FIRE MARSHAL

SCHEIDT DISTRICT

APPROVED BY: [Signature]

APPROVED BY: [Signature]

APPROVED BY: [Signature]

DATE: 7/20/01

FOUNDATION PLAN 3/4" = 1'-0"

BAKERSFIELD CITY S.D.
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