

SCALE:
1" = 4'-0"

PROJECT NO.
BW XXX

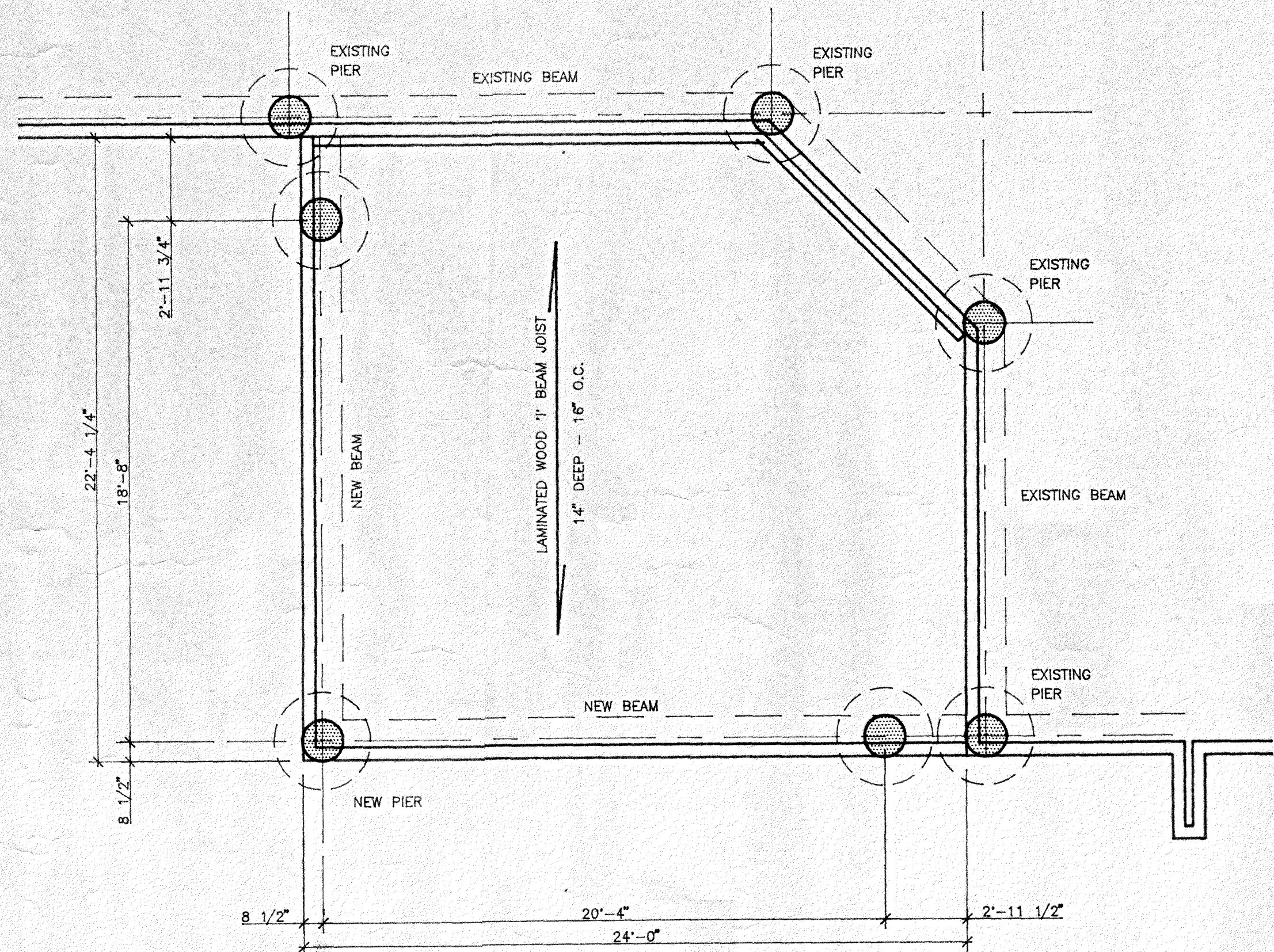
DRAWN BY:
BLW

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DATE
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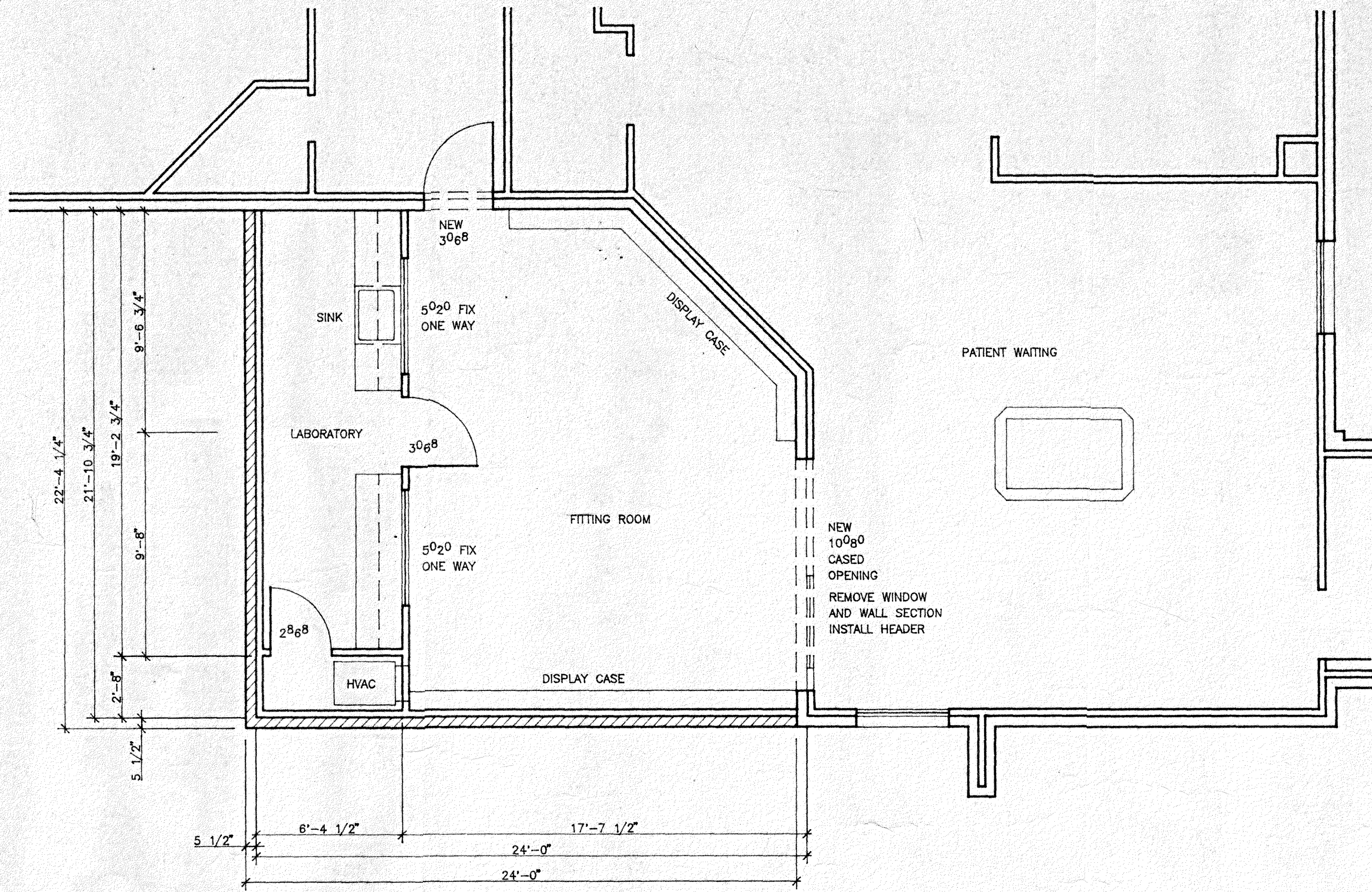
SHEET NO.

X OF X



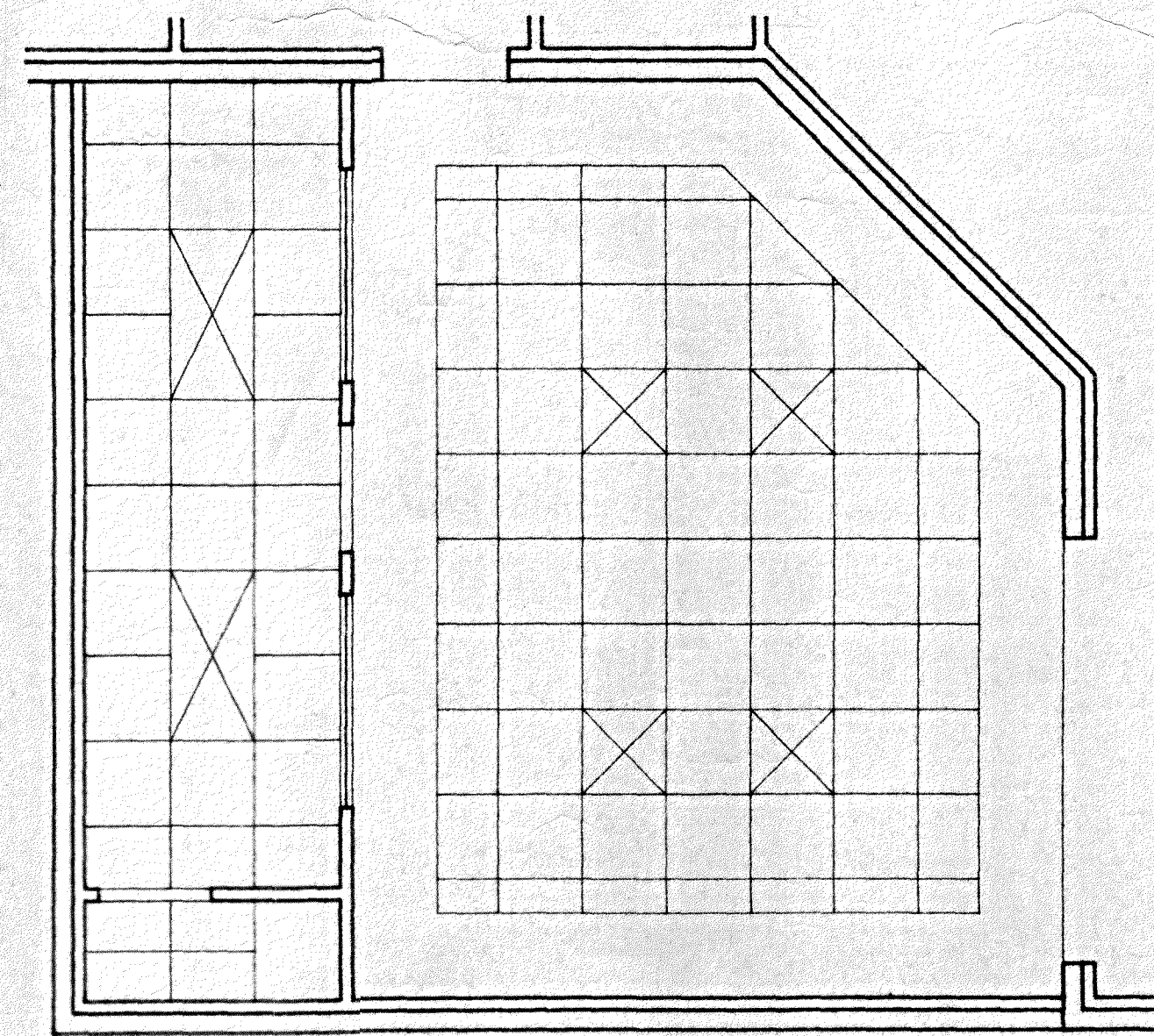
FOUNDATION PLAN

SCALE 1/4" = 1'-0"



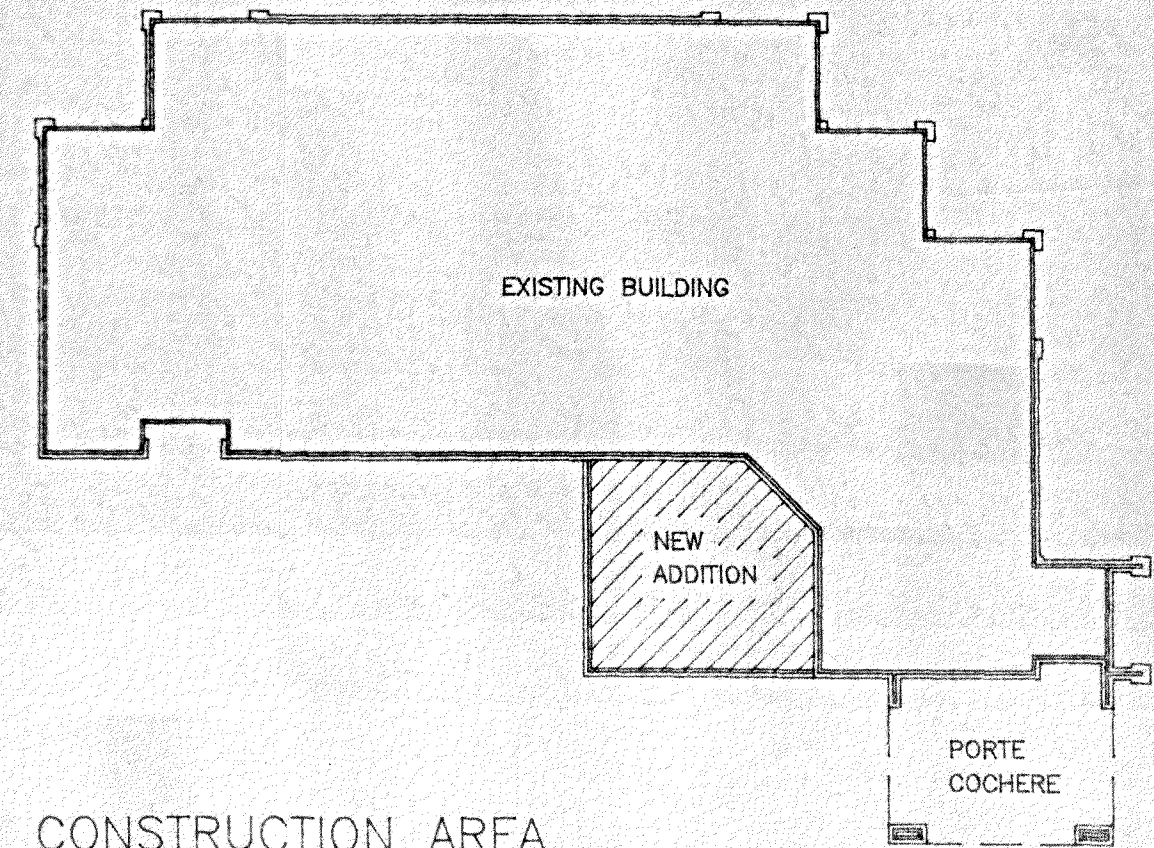
FLOOR PLAN

SCALE 1/4" = 1'-0"



CEILING PLAN

SCALE 1/4" = 1'-0"



CONSTRUCTION AREA

1" = 20'-0"

PIER NOTES:

1. ALL PIERS SHALL BE 18 INCH DIAMETER CAST-IN-PLACE CONCRETE WITH A 36 INCH DIAMETER UNDERREAMED BELL. REINFORCE WITH SIX NO. 6 BARS CONTINUOUS LONGITUDINAL STEEL AND NO.3 STIRRUPS SPACED AT 9 INCHES ON CENTER. PIERS SHALL EXTEND INTO THE STRATUM OF LIGHT TAN TO LIGHT GRAY CLAY FOUND AT DEPTHS OF AT LEAST 12 FEET BELOW EXISTING GROUND SURFACE, AS DETAILED IN SOILS EXPLORATION AND FOUNDATION RECOMMENDATIONS REPORT NO. 301-55094 PREPARED BY PROFESSIONAL SERVICES INDUSTRIES, INC.
2. CONCRETE SHALL BE PLACED IN PIER HOLES ON SAME DAY AS DRILLING.
3. REMOVE ANY WATER FROM PIER HOLE PRIOR TO PLACING CONCRETE.
4. USE TREMIE OR OTHER ACCEPTABLE MEANS TO DEPOSIT CONCRETE WITHOUT SEGREGATION. DO NOT DROP CONCRETE FREE OVER 6 FEET.
5. MINIMUM CONCRETE REINFORCING STEEL COVER SHALL BE 3 INCHES.
6. PROVIDE SIX NO. 6 DIAMETER DOWELS BY 48 INCH FROM PIER INTO CONCRETE BEAM.

CONCRETE NOTES:

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 318-83 AND ACI 301-84.
2. READY-MIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH ASTM C-94.
3. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS BUT SHALL NOT CONTAIN LESS THAN FIVE (5) SACKS CEMENT PER CUBIC YARD OF CONCRETE.
4. MAXIMUM AGGREGATE SIZE SHALL BE 3/4 INCH.
5. MAXIMUM CONCRETE SLUMP SHALL BE 5 INCHES AS DETERMINED BY ASTM C-143.
6. CONCRETE ADMIXTURES SHALL BE ALLOWED ONLY WITH WRITTEN APPROVAL OF ENGINEER.
7. CONCRETE SHALL BE DEPOSITED AS NEAR AS POSSIBLE TO ITS FINAL POSITION TO AVOID SEGREGATION DUE TO REHANDLING AND FLOWING.
8. CONSOLIDATE ALL CONCRETE THOROUGHLY AROUND REINFORCEMENT, EMBEDDED ITEMS, AND INTO CORNERS TO AVOID HONEYCOMBING OR PLANES OF WEAKNESS.
9. CONSTRUCTION JOINTS ALLOWED ONLY AS SHOWN ON DRAWINGS OR APPROVED BY ENGINEER.

10. ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS SHALL CONFORM TO ACI 315-80.
11. OBSERVE STANDARD COVER FOR REINFORCING AS NOTED IN ACI 318-83 UNLESS NOTED OTHERWISE.
12. ALL REINFORCING STEEL SHALL BE DEFORMED AND CONFORM TO ASTM A-615, GRADE 40 (NEW BILLET STEEL) FOR BARS SIZES NO. 3 AND NO. 4. BAR SIZES NO. 5 AND GREATER SHALL CONFORM TO ASTM A-615, GRADE 60.
13. BARS MARKED CONTINUOUS (CONT.) SHALL BE LAPPED 30 BAR DIAMETERS MINIMUM.
14. PROVIDE CORNER AND TEE BARS: TWO NO. 6 BARS TOP AND BOTTOM, 48 INCHES LONG EACH LEG AT EACH BEAM INTERSECTIONS.
15. STEEL ERECTOR SHALL VERIFY PROPER PLACEMENT OF ANCHOR BOLTS PRIOR TO CONCRETE PLACEMENT.
16. PROVIDE 6 INCH DEEP VOID BENEATH ALL CONCRETE BEAMS, CONTINUOUS BETWEEN PIERS.
17. CONCRETE FOR 1 1/2 INCH TOPPING SLAB SHALL BE 3000 PSI, NORMAL WEIGHT, WITH 3/8 INCH MAXIMUM AGGREGATE SIZE. REINFORCE WITH 6"x6"x10/10GA WELDED WIRE MESH (FLAT SHEETS). LAP SHEETS 1 MESH AT EDGES.