

BUILDING II
ARCADE FRAMING PLAN
 SCALE: 1/8" = 1'-0"

STRUCTURAL TUBING SCHEDULE		
TYPE	SHAPE	REMARKS
1	TS 6 x 4 x 3/16 ABOVE TS 6 x 4 x 3/16 BELOW	
2	TS 6 x 3 x 3/16 ABOVE TS 6 x 3 x 3/16 BELOW	
3	TS 6 x 4 x 3/16	
4	TS 6 x 4 x 3/16	
5	TS 4 x 4 x 3/16	

- NOTES:
- FOR STRUCTURAL STEEL NOTES, SEE SHEET S-19.
 - FOR ALUMINUM FRAMING MEMBERS (SIZES, SPACING, CONNECTIONS, NOTES, ETC.) SEE SHOP DRAWINGS BY "O'KEEFE'S INC."
 - SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DETAILS NOT SHOWN.

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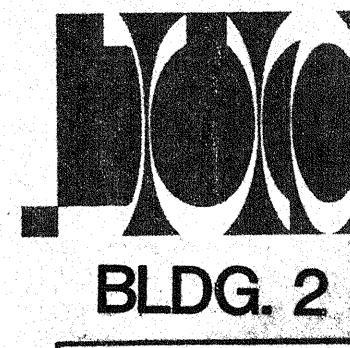
DATE: 15 OCTOBER 1981
 REVIEWED: JAN 7 / 1982

REGISTERED PROFESSIONAL ARCHITECT
 No. 5125
 CIVIL
 STATE OF CALIFORNIA

THE WATERFRONT OFFICE TOWERS
 stockton downtown redevelopment
 weber avenue & lincoln street
 stockton, california

SCHMITZ
 DEVELOPMENT, INC.
 COMMUNITY DEVELOPERS
 STOCKTON, CALIFORNIA 95207

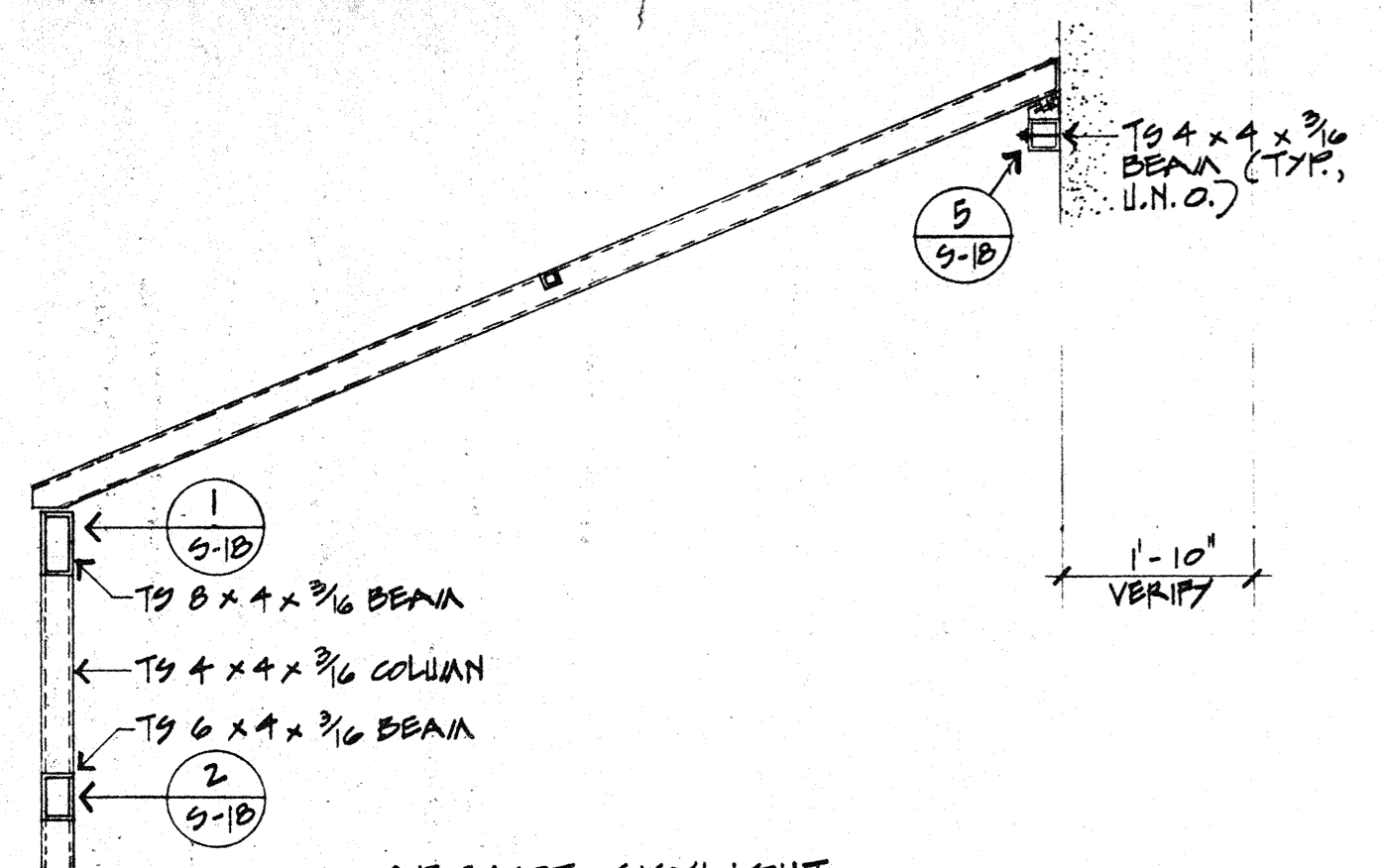
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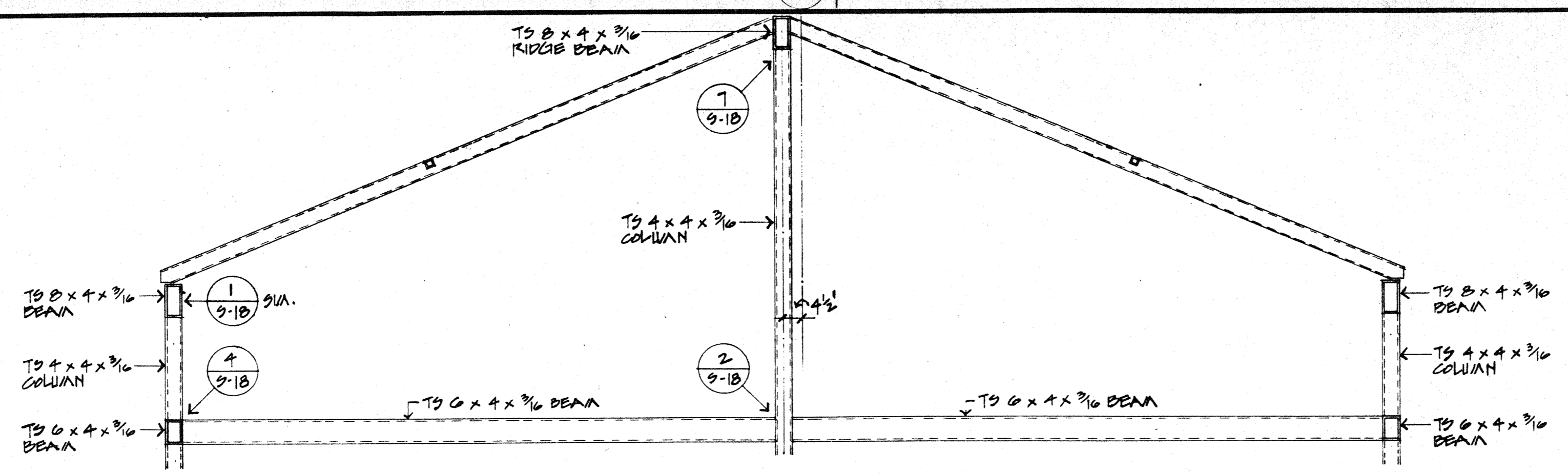
← COLUMN GRID

↑

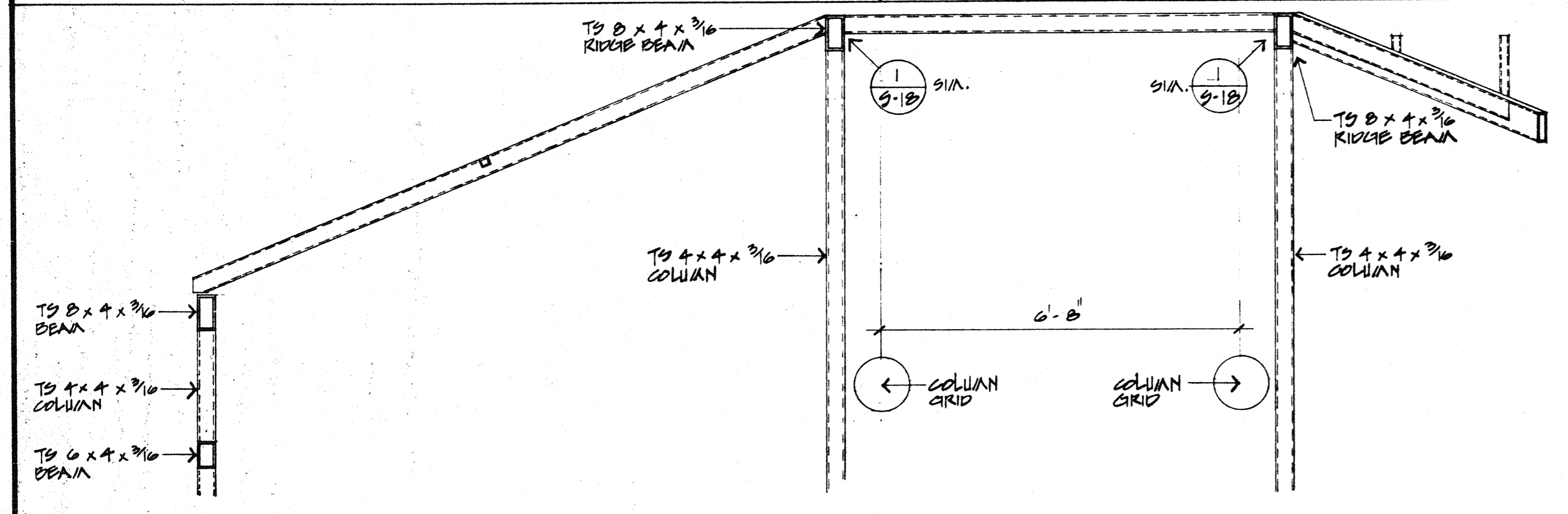
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1.



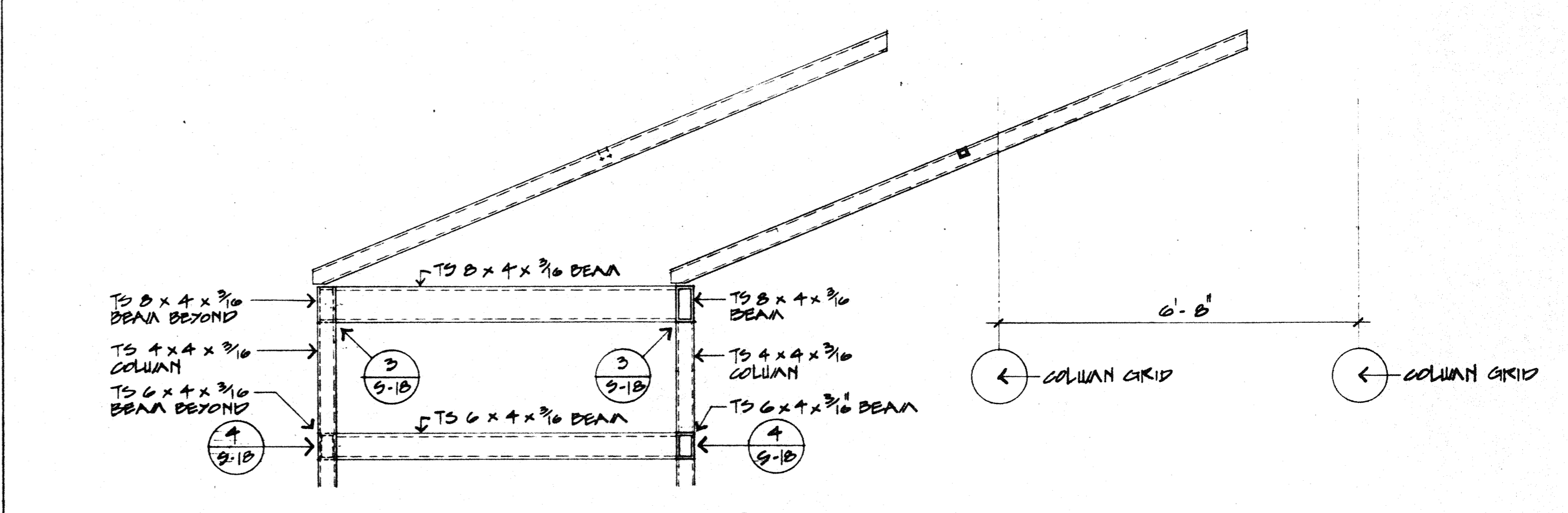
A TYPICAL SECTION
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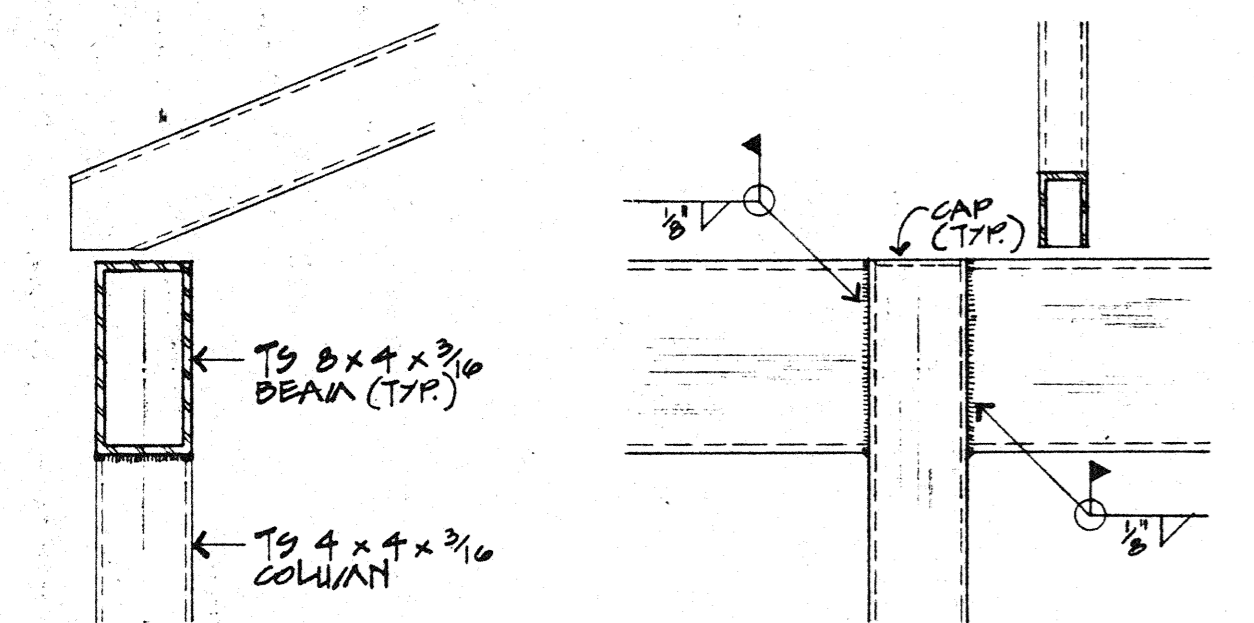
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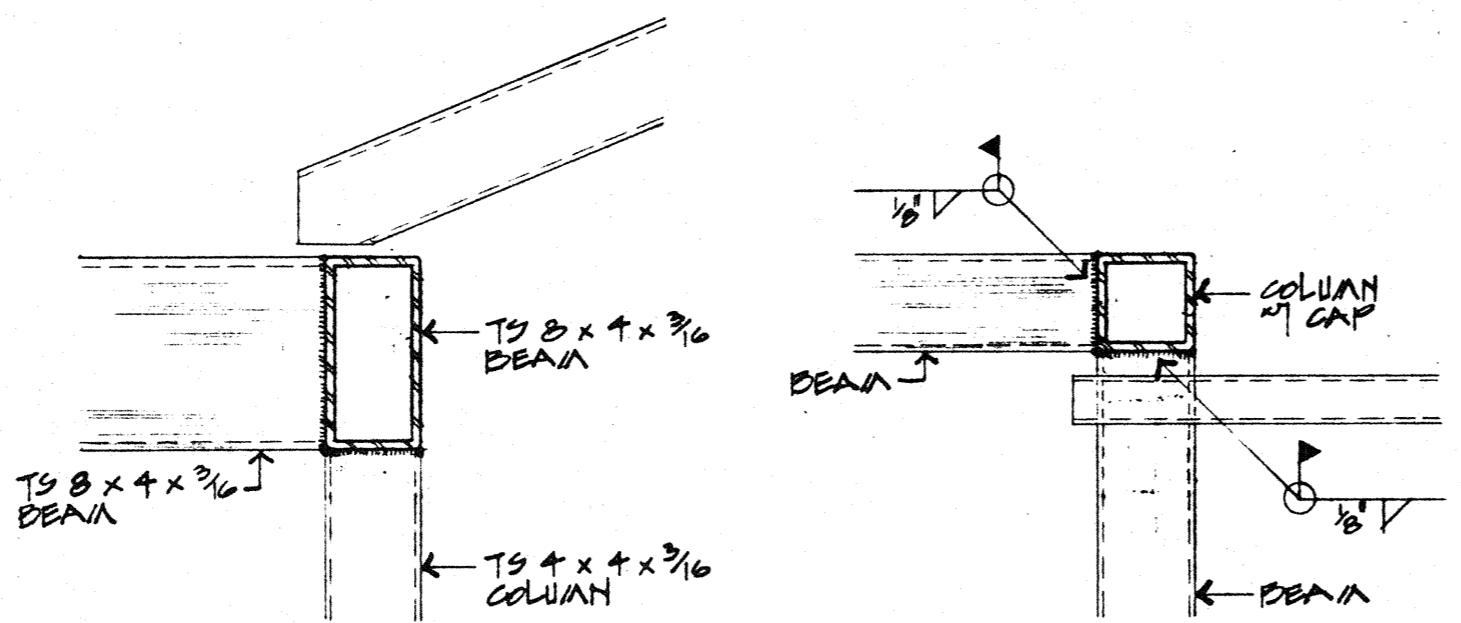
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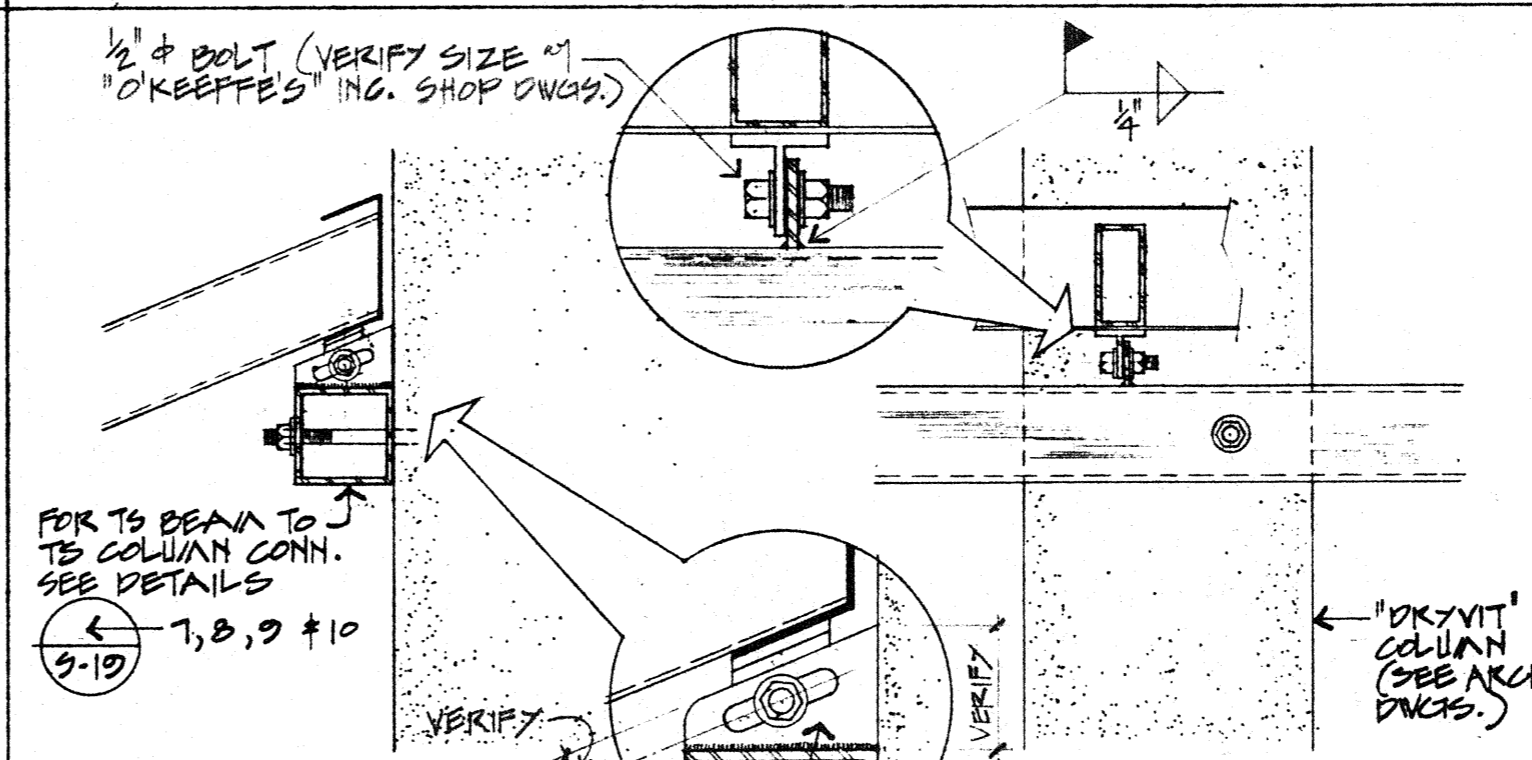
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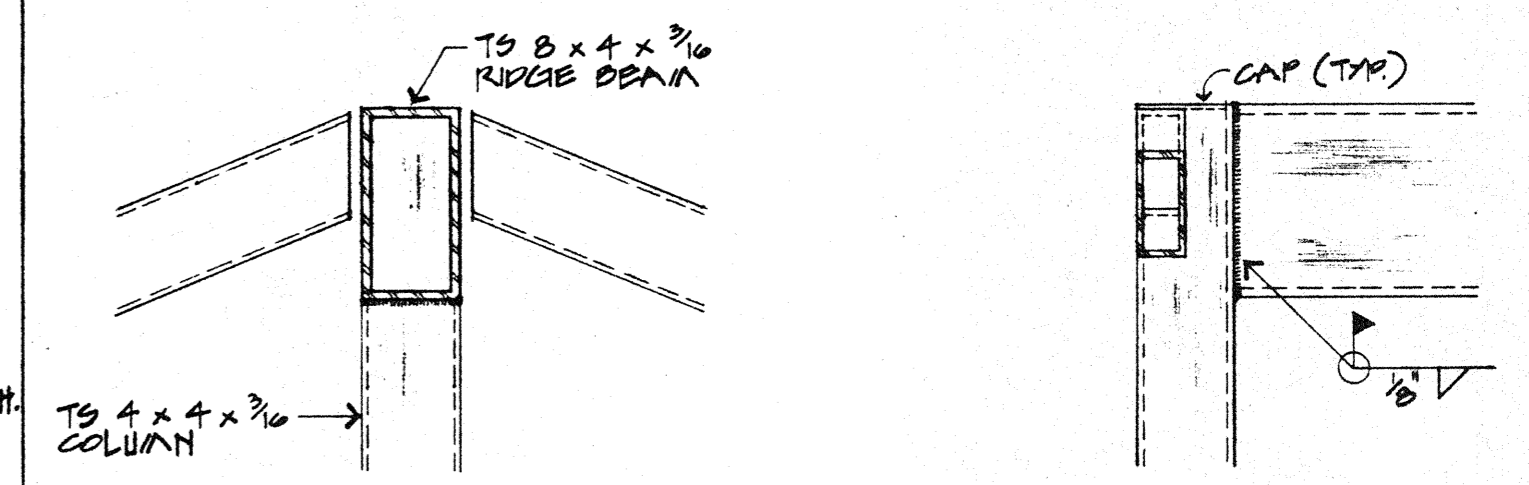
1 BEAMS TO COLUMN
DETAIL
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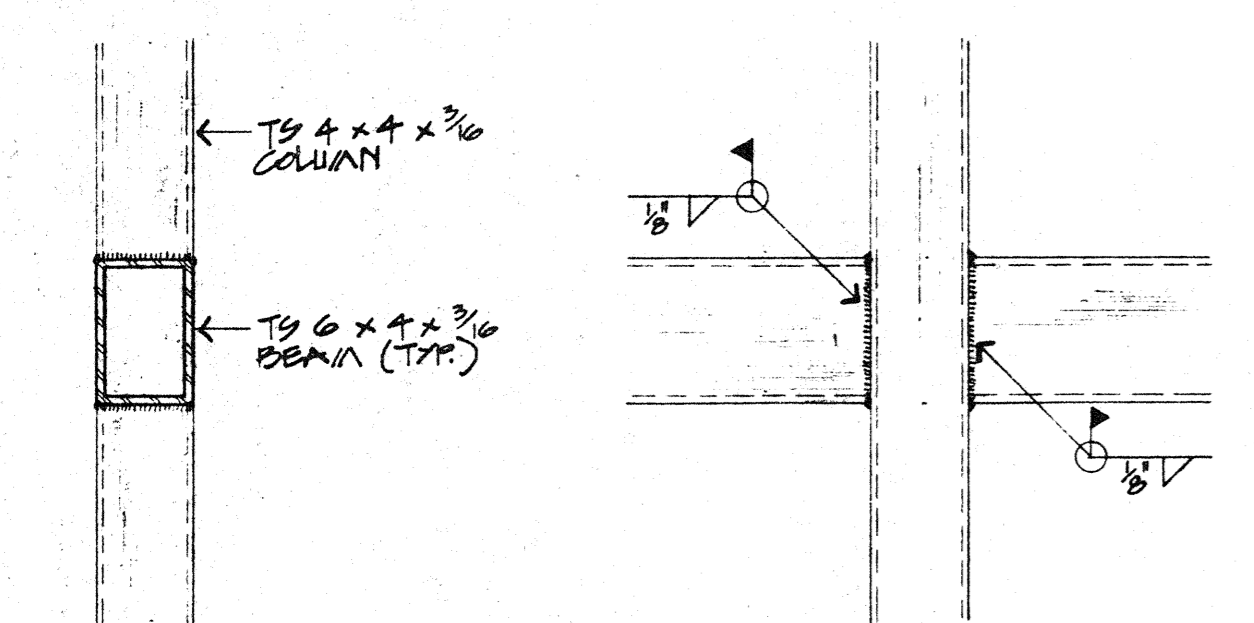
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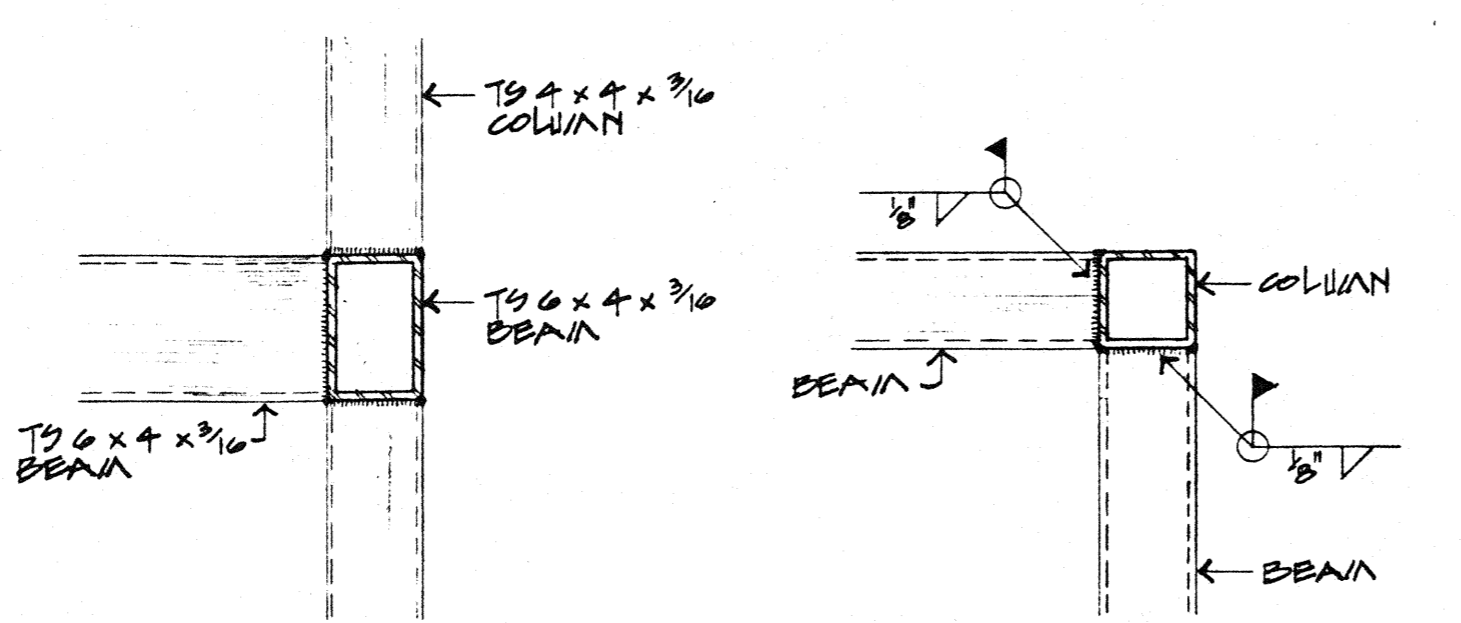
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DETAIL
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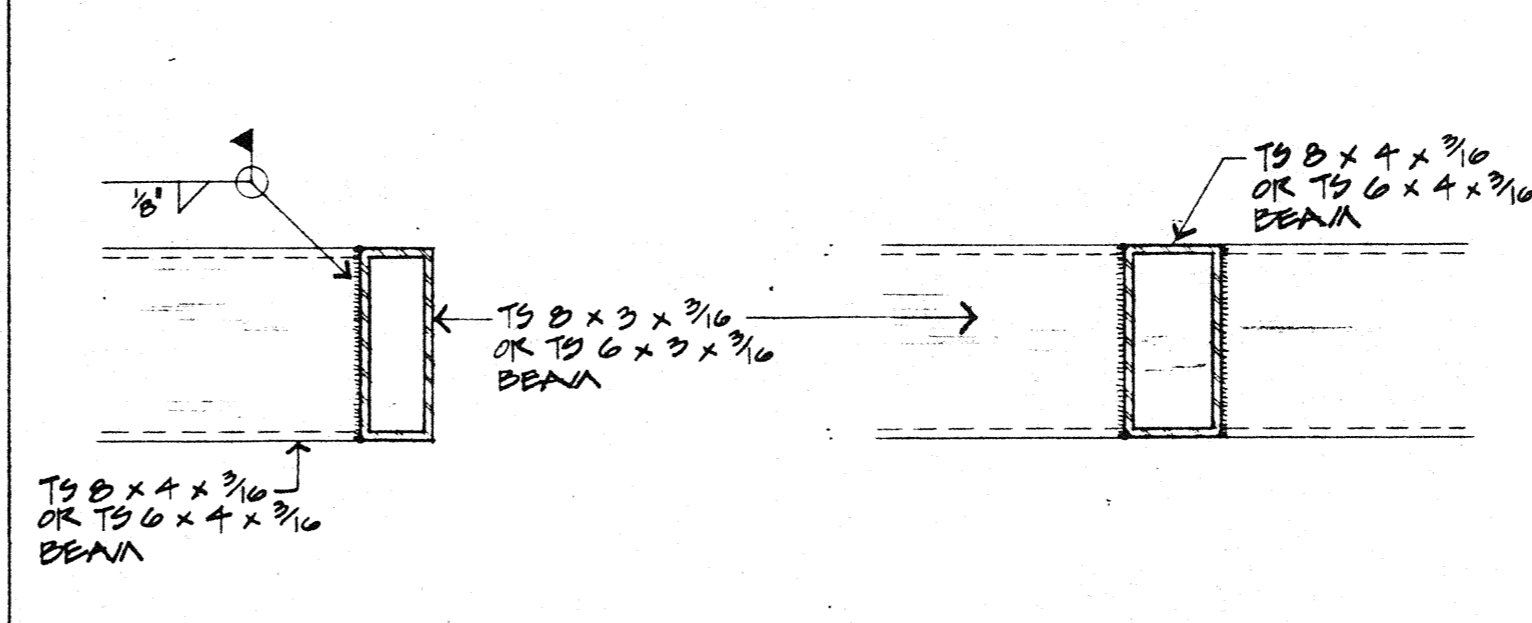
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DETAIL
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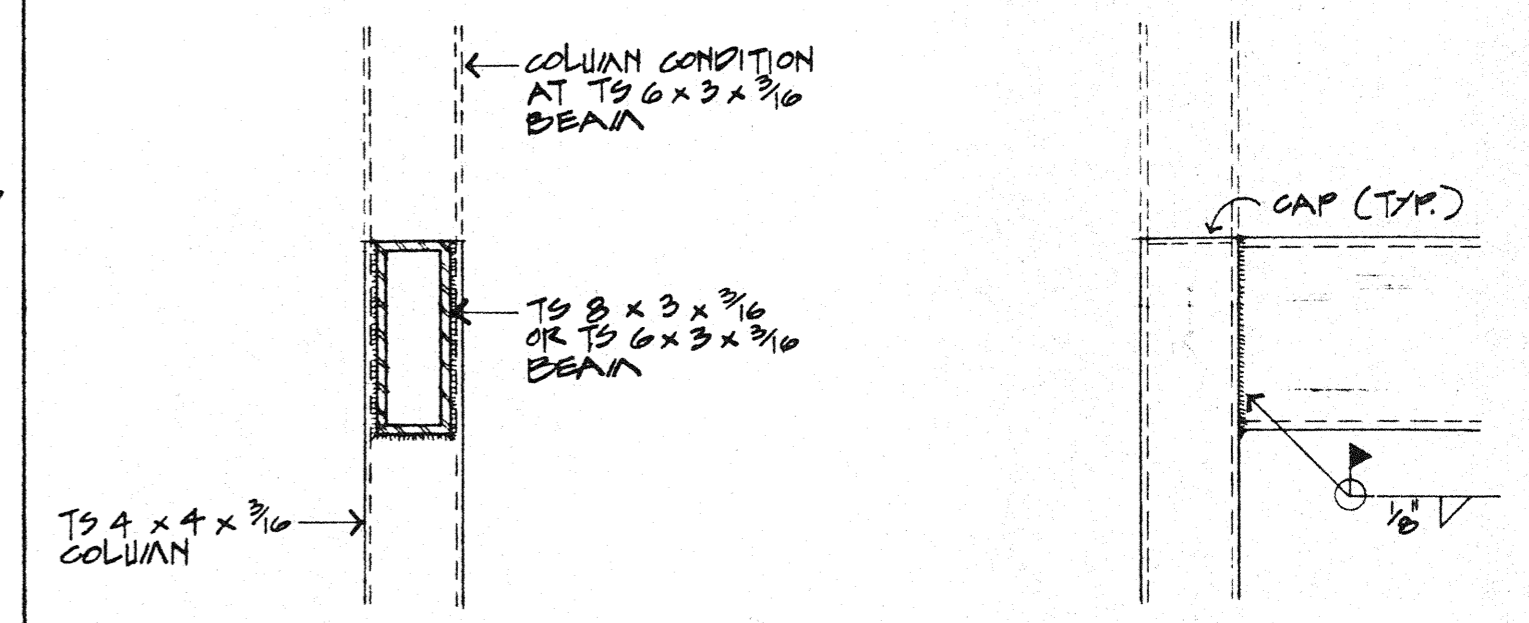
2 BEAMS TO COLUMN
DETAIL
SCALE: 1/2" = 1'-0"



4 BEAMS TO COLUMN
DETAIL
SCALE: 1/2" = 1'-0"



6 BEAM TO BEAM
DETAIL
SCALE: 1/2" = 1'-0"



8 BEAM TO COLUMN
DETAIL
SCALE: 1/2" = 1'-0"

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REVISIONS: JAN 7 1982

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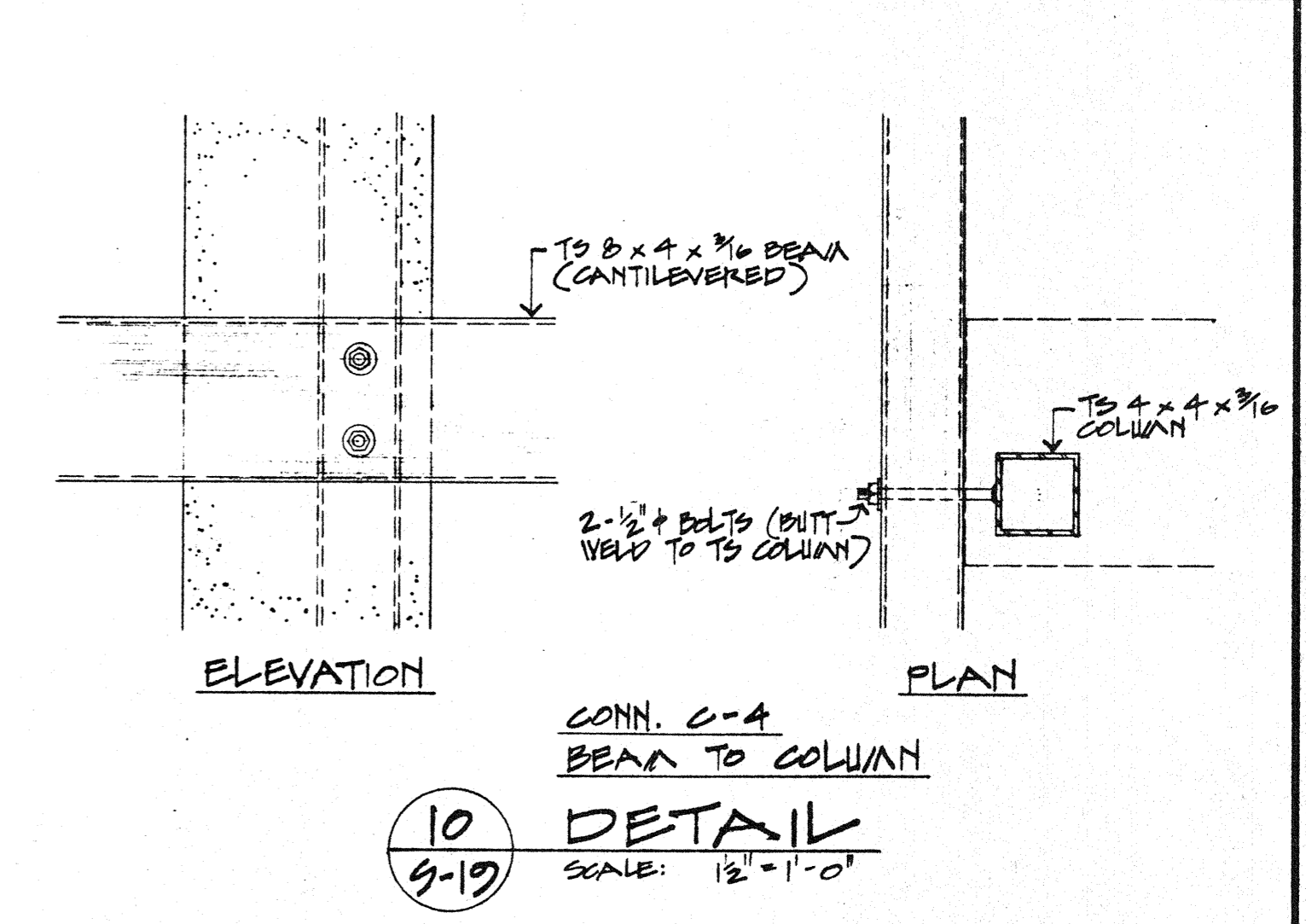
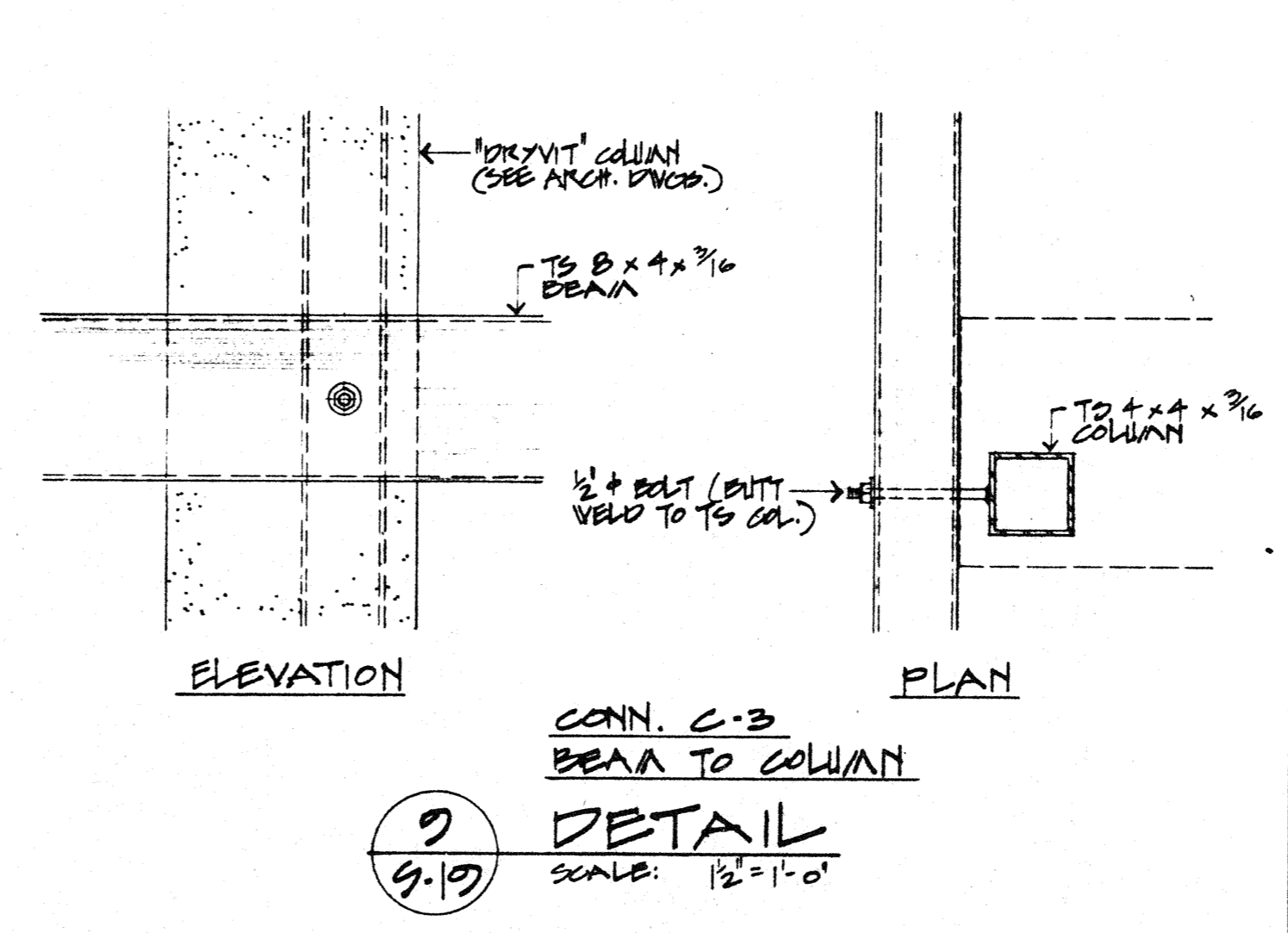
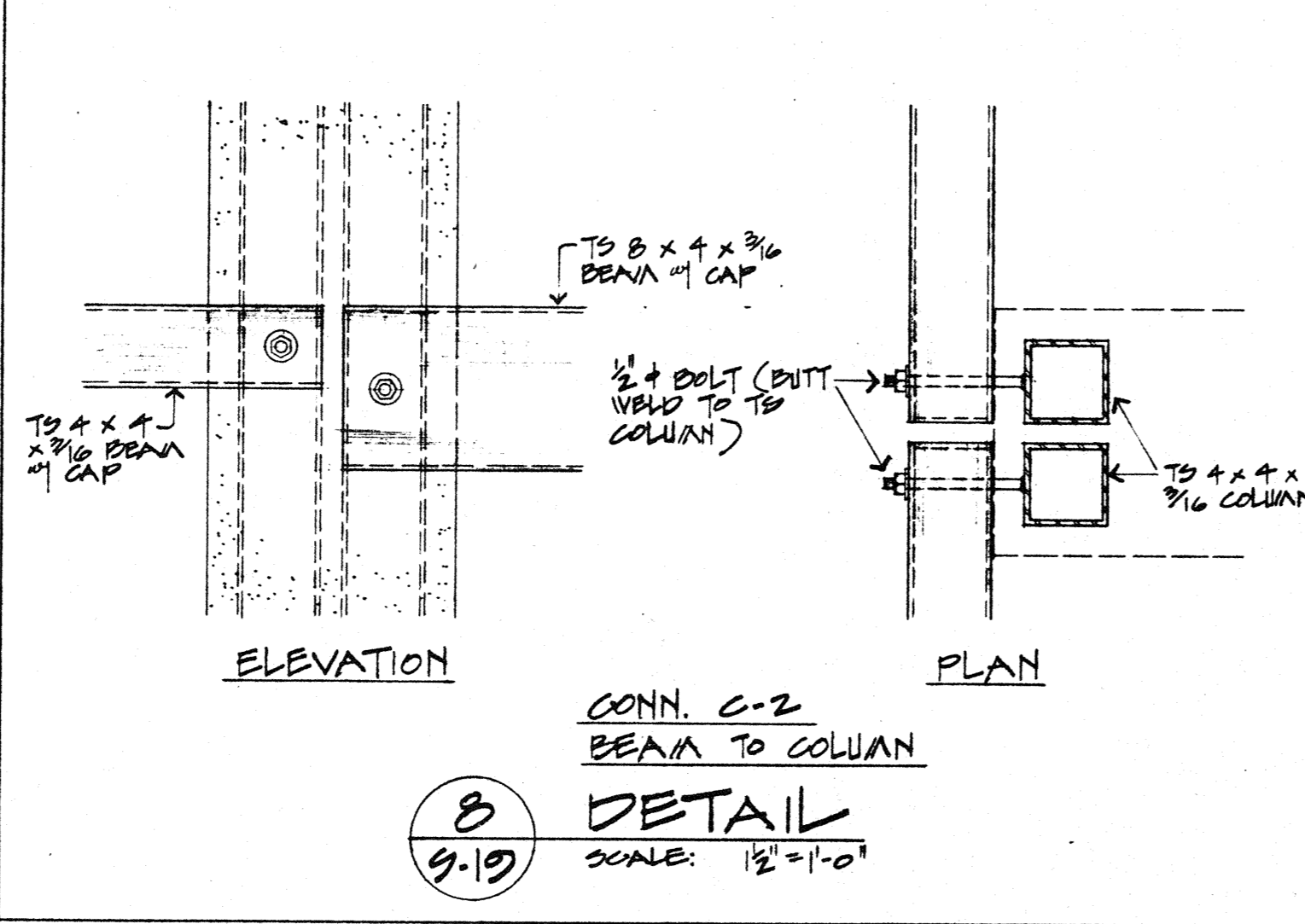
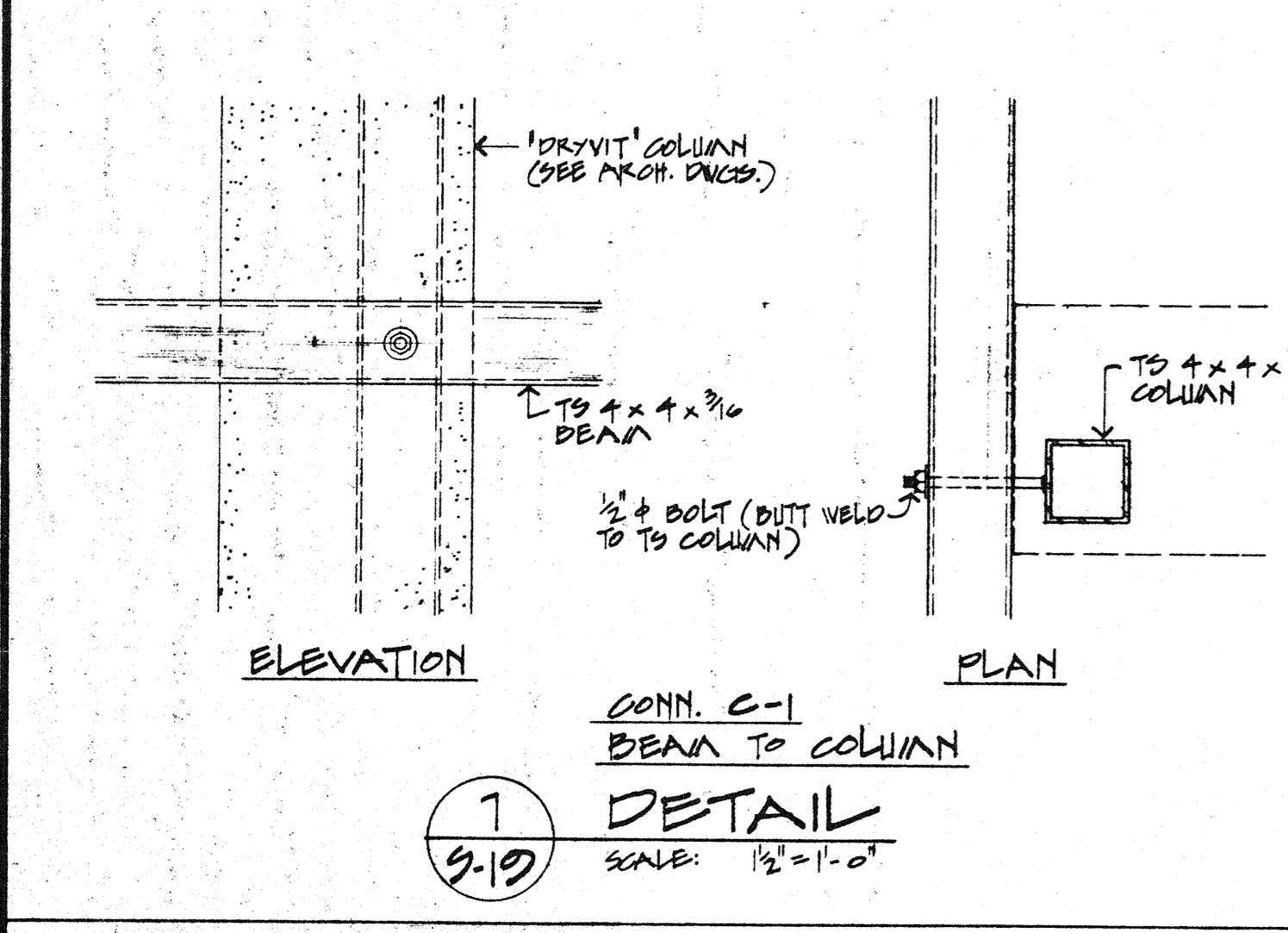
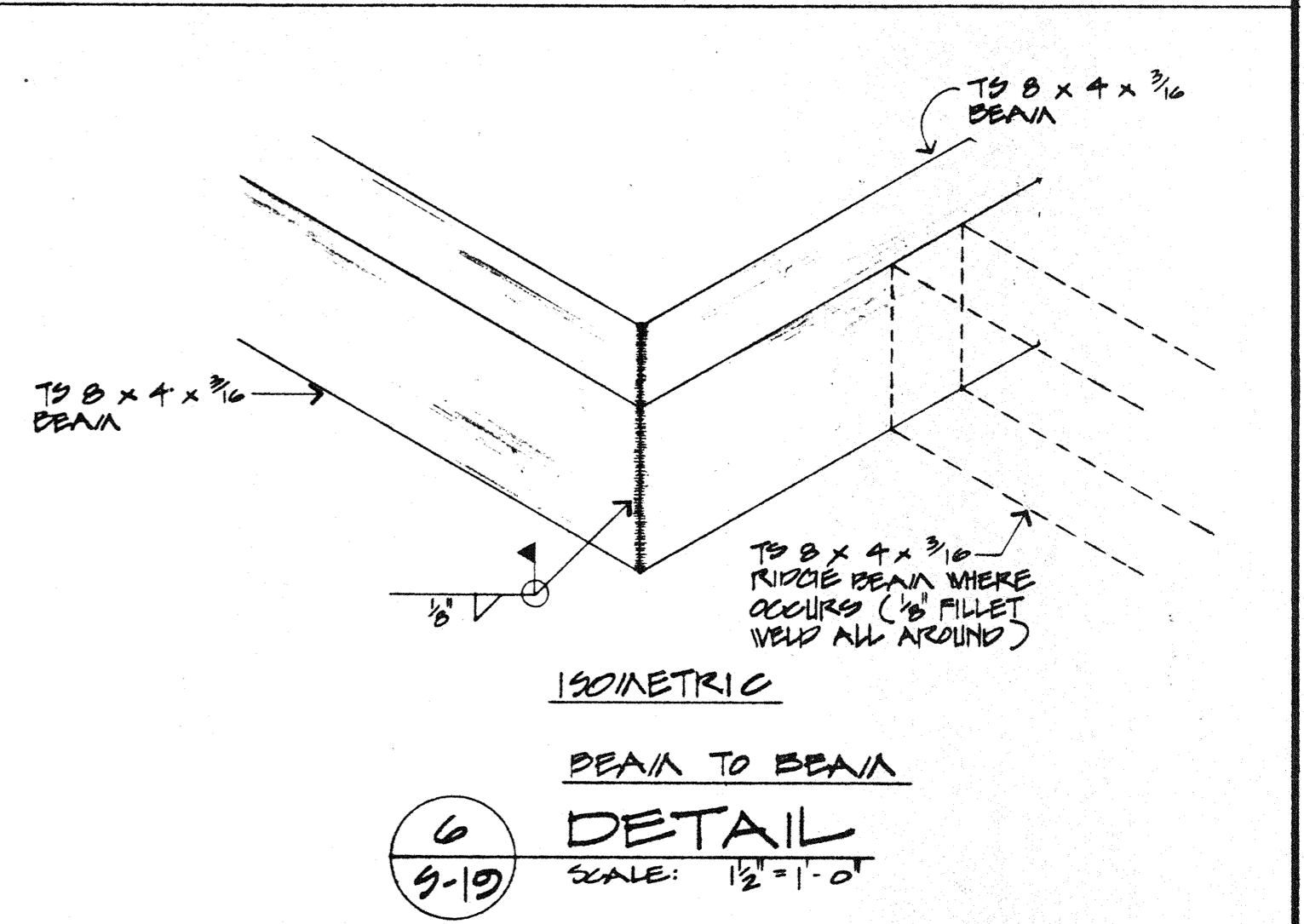
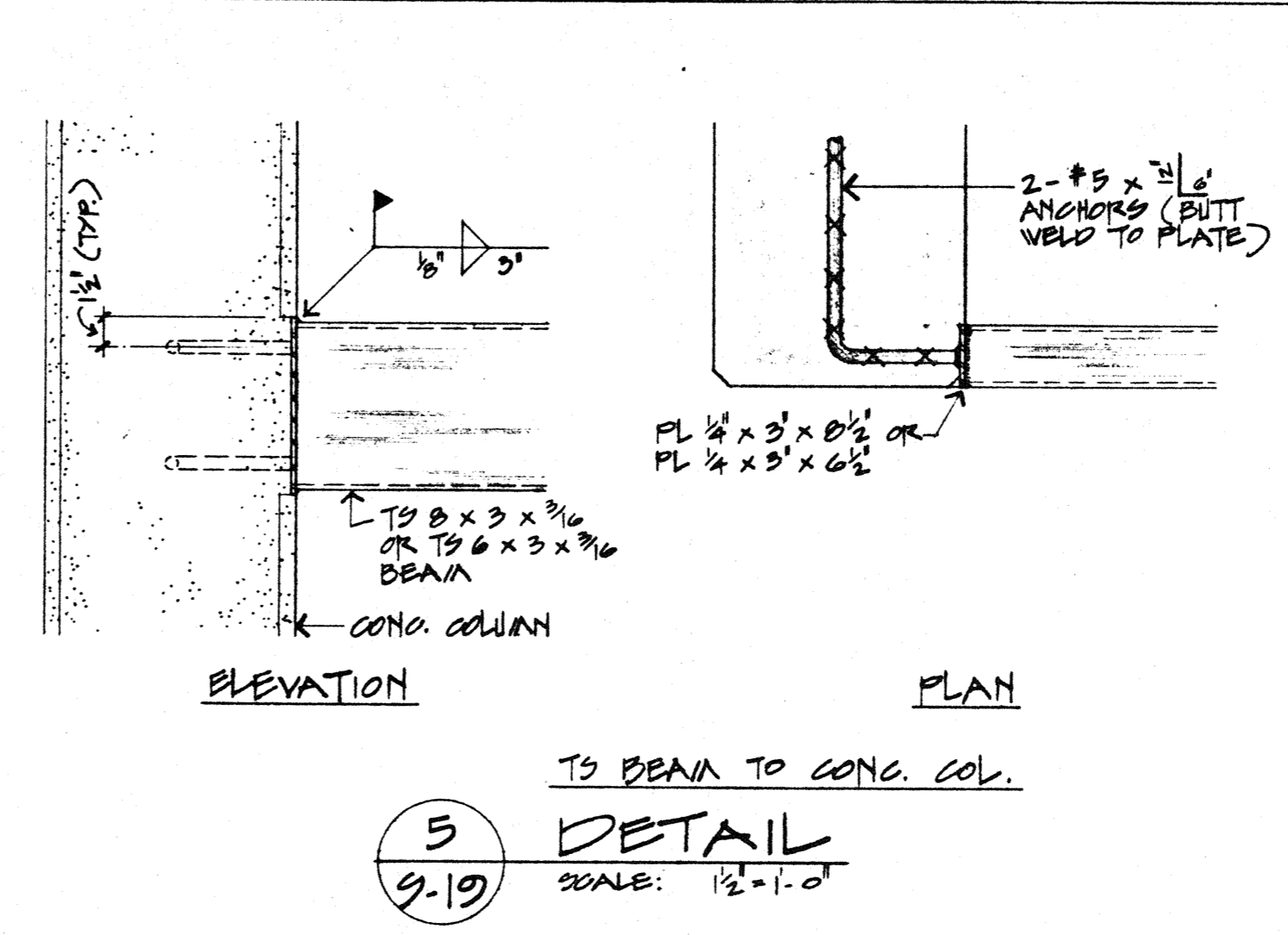
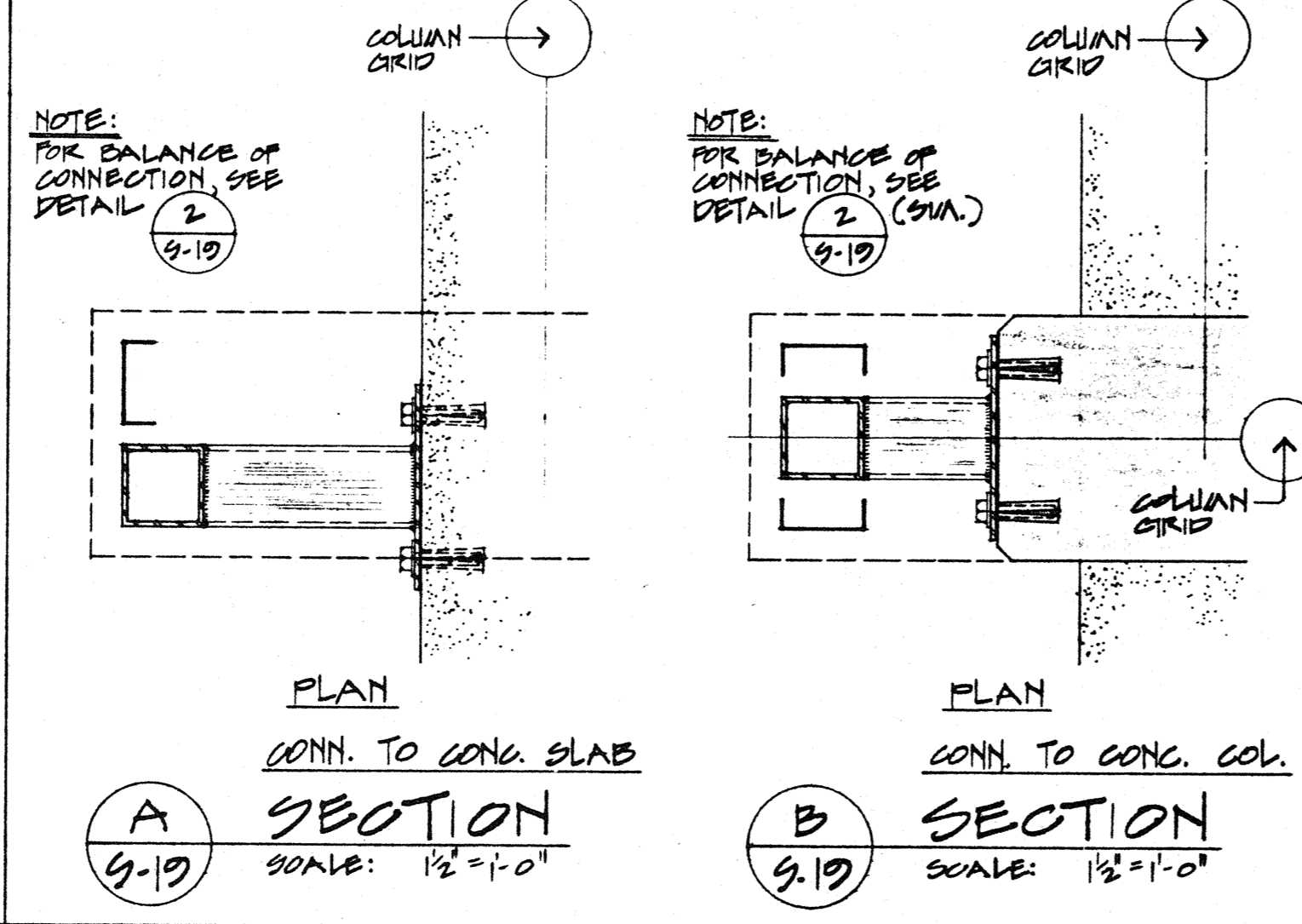
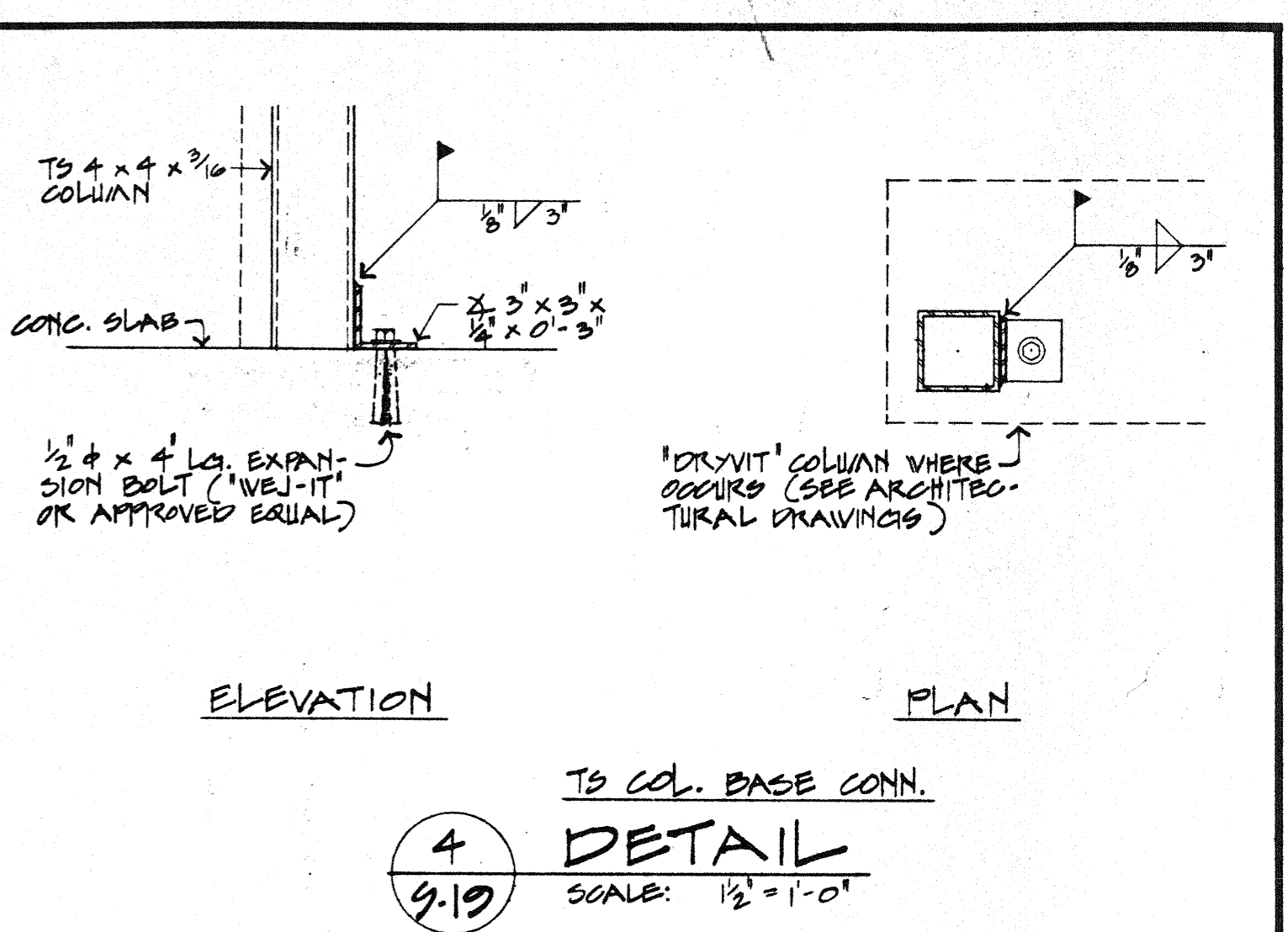
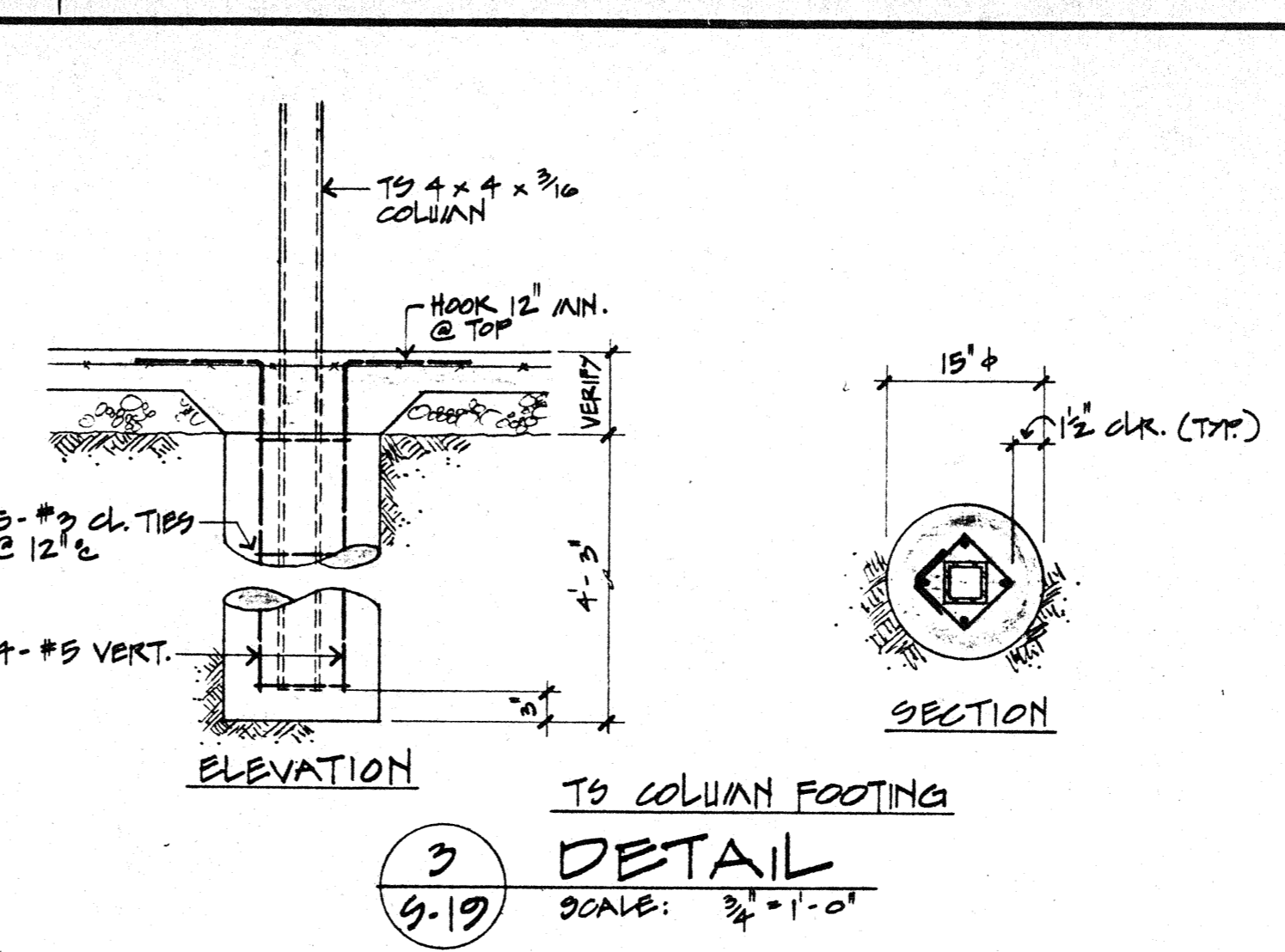
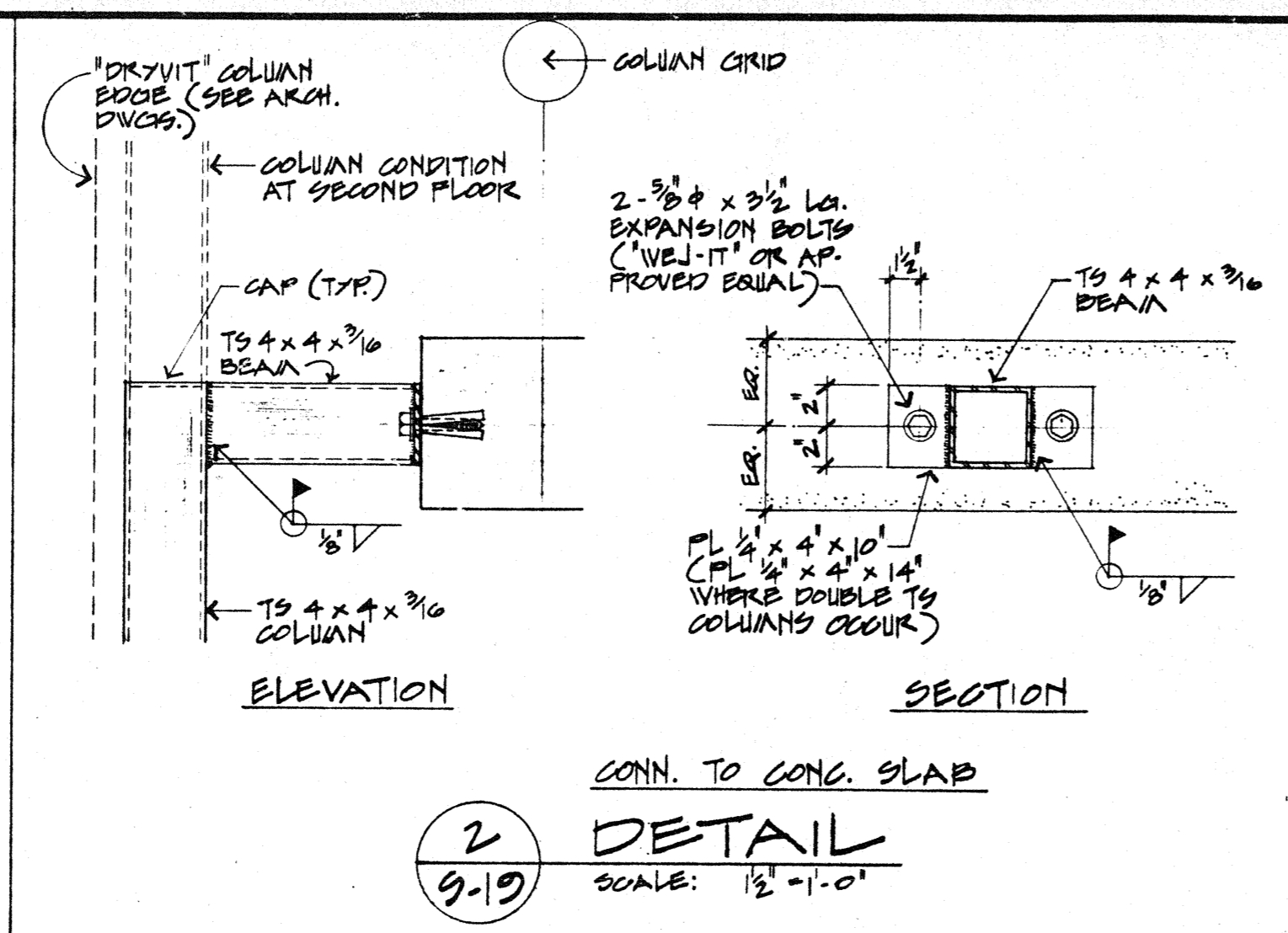
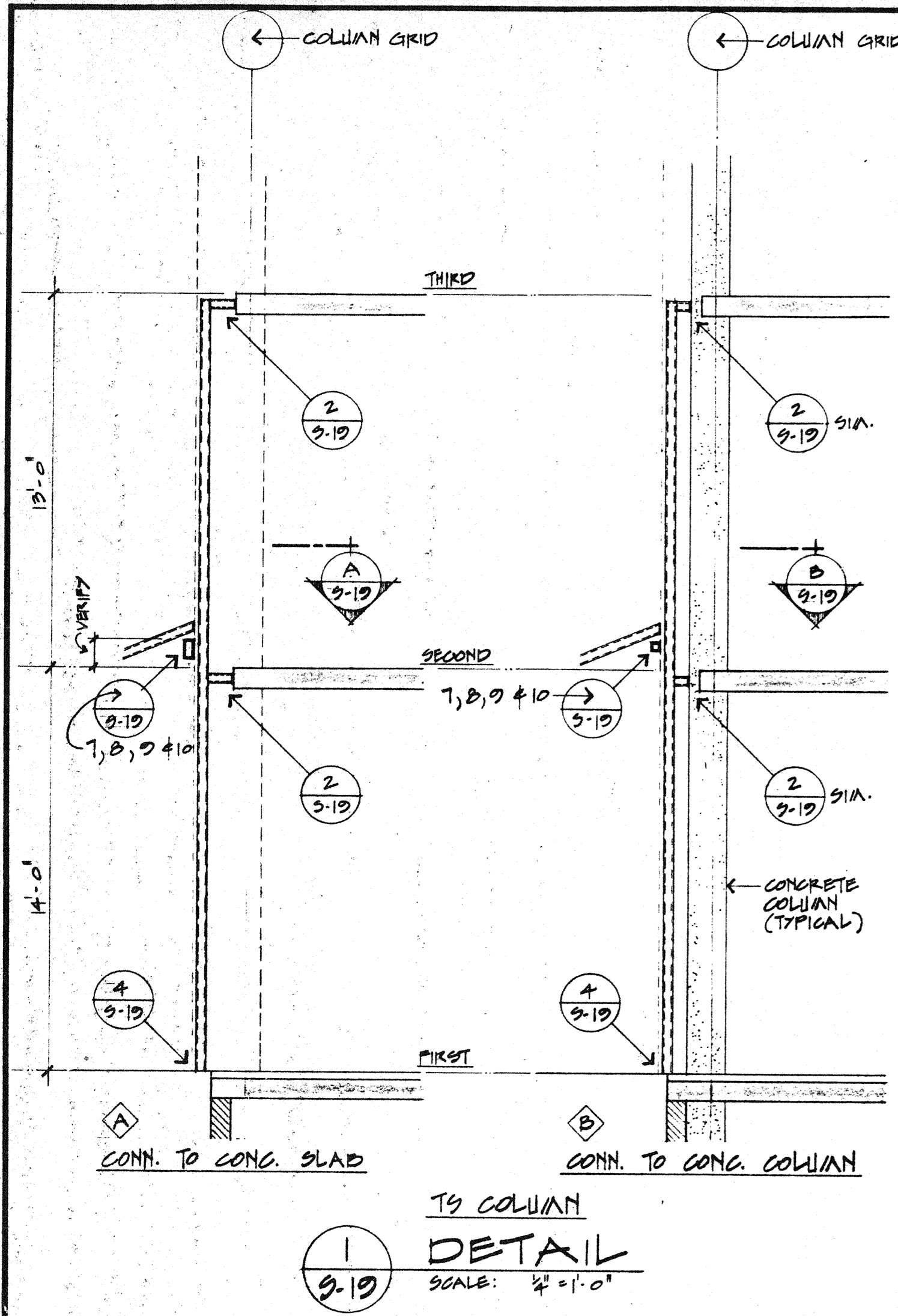
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STEEL

- VERIFY ALL MEASUREMENTS AT JOB.
- COORDINATE ALL METAL WORK WITH ADJOINING WORK FOR DETAILS OF ATTACHMENT, FITTINGS, ETC.
- MISCELLANEOUS FASTENINGS: PROVIDE ALL LUGS, CLIPS, ANCHORS AND MISCELLANEOUS FASTENINGS NECESSARY FOR THE COMPLETE ASSEMBLY AND INSTALLATION.
- GROUTING DO ALL GROUTING OF FRAMES, PLATES, SILLS, BOLTS, AND SIMILAR ITEMS WITH NON-SHRINK GROUT.
- PROTECT ALL DISSIMILAR METALS FROM GALVANIC CORROSION.
- WELDING: PERFORM ALL WELDING IN ACCORDANCE WITH AWS CODE D 1.1. WELDS SHALL BE MADE ONLY BY OPERATORS EXPERIENCED IN PERFORMING THE TYPE OF WORK INDICATED. WELDS NORMALLY EXPOSED TO VIEW IN THE FINISHED WORK SHALL BE UNIFORMLY MADE AND GROUND SMOOTH. WHERE WELDING IS DONE IN PROXIMITY TO GLASS OR FINISHED SURFACES, SUCH SURFACES SHALL BE PROTECTED FROM DAMAGE DUE TO WELD SPARKS, SPATTER, OR TRAMP METAL.
- BOLTED, SCREWED, AND RIVETED CONNECTIONS: PROVIDE WASHERS UNDER ALL HEADS AND NUTS BEARING ON WOOD. DRAW ALL NUTS TIGHT AND UPSET THREADS OF PERMANENT CONNECTIONS TO PREVENT LOOSENING. USE BEVELED WASHERS WHERE BEARING IS ON SLOPED SURFACES.

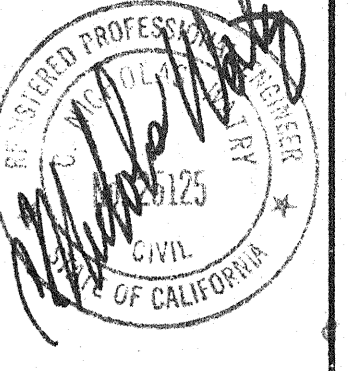
- CLEANING: THOROUGHLY CLEAN ALL MILL SCALE, RUST, DIRT, GREASE AND OTHER FOREIGN MATTER FROM FERROUS METAL PRIOR TO ANY GALVANIZING, HOT PHOSPHATE TREATMENT OR PAINTING.
- PAINTING: AFTER MATERIAL HAS BEEN PROPERLY CLEANED AND TREATED, APPLY SHOP PRIME COAT OF PAINT TO ALL SURFACES EXCEPT THOSE ENCASED IN CONCRETE OR MASONRY. APPLY ALL PAINT AS PER MANUFACTURER'S DIRECTIONS. SPOT PAINT ALL ABRASIONS AND FIELD CONNECTIONS AFTER ASSEMBLY. SHOP COAT SHALL BE DRY PRIOR TO SHIPMENT TO JOB SITE. UNLESS OTHERWISE SPECIFIED OR DIRECTED, DO NOT APPLY SHOP PRIME COATS OR ANY STENCILED OR PAINTED IDENTIFICATION MARKINGS TO ANY GALVANIZED SURFACES.
- GALVANIZING: CONFORM TO ASTM A 123 FOR ROLLED, PRESSED AND FORGED SHAPES, PLATES, BAR AND STRIP; A 153 FOR HARDWARE ITEMS AND A 386 FOR ASSEMBLED STEEL PRODUCTS. CONFORM TO ASTM A 384 AND A 385 (RECOMMENDED PRACTICES) PERTAINING TO GALVANIZING ASSEMBLED STEEL PRODUCTS. UNLESS OTHERWISE PERMITTED, DO ALL GALVANIZING AFTER FABRICATION, IN LARGEST SECTIONS PRACTICABLE. WHERE GALVANIZING IS REMOVED BY WELDING OR OTHER ASSEMBLY PROCEDURE, TOUCH-UP ABRASED AREAS WITH MOLTEN ZINC OR ZINC-RICH PAINT.
- MATERIALS: STANDARD STRUCTURAL STEEL SHAPES, BARS AND PLATES, ASTM A 36; STEEL TUBING, ASTM A 500 (COLD ROLLED) GRADE A OR B; OR ASTM A 501 (HOT ROLLED) WELDED OR SEAMLESS.
- BOLTS SHALL CONFORM TO ASTM 307, GRADE A.
- WELDING PROCEDURES, WELDERS AND TACKERS FOR STRUCTURAL METAL WORK SHALL BE QUALIFIED IN ACCORDANCE WITH USC STANDARD 27-6.
- WELDING/ELECTRODES TO BE E70XX.

- PAINTED STUDS AND JOISTS: ASTM A 570 FOR 12, 14, AND 16 GAGE WITH A MINIMUM YIELD STRENGTH OF 50 KSI, ASTM A 611 GRADE C FOR 18 AND 20 GAGE STUDS, JOISTS, BRIDGING, TRACK, END CLOSURES AND ACCESSORIES WITH A MINIMUM YIELD STRENGTH OF 33 KSI.
- GALVANIZED STUDS AND JOISTS: ASTM A 446 GRADE D FOR 12, 14, AND 16 GAGE WITH A MINIMUM YIELD STRENGTH OF 50 KSI, ASTM A 446 GRADE A FOR 18 AND 20 GAGE STUDS, JOISTS, BRIDGING, TRACK, END CLOSURES AND ACCESSORIES WITH A MINIMUM YIELD STRENGTH OF 33 KSI.
- GALVANIZED DECKING: ASTM A 446.
- SHOP DRAWINGS: SHOP DRAWINGS SHALL SHOW DIMENSIONS, SIZES, THICKNESSES, GAGES, FINISHES, JOINTING, ATTACHMENTS, AND RELATIONSHIP OF WORK TO ADJOINING CONSTRUCTION. WHERE WELDED CONNECTORS AND INSERTS ARE REQUIRED TO RECEIVE WORK, SHOP DRAWINGS SHALL SHOW EXACT LOCATIONS REQUIRED, AND ALL SUCH DRAWINGS SHALL BE FURNISHED TO THE TRADES RESPONSIBLE FOR INSTALLING THE CONNECTORS OR INSERTS.

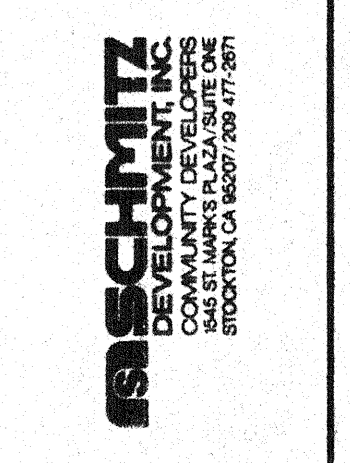
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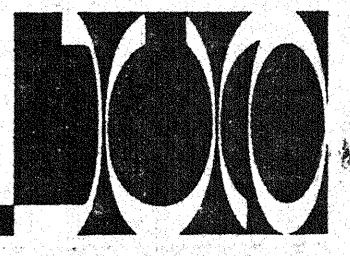
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BLDG. 2

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GENERAL STRUCTURAL NOTES

1. TYPICAL DETAILS: AND NOTES ON THESE SHEETS SHALL APPLY UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. CONSTRUCTION DETAILS NOT FULLY SHOWN OR NOTED SHALL BE SIMILAR TO DETAILS SHOWN FOR SIMILAR CONDITIONS. ALL WORK AND CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS AND SAFETY REQUIREMENTS.
2. DISCREPANCIES: THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING, DURING THE BIDDING PERIOD, OF ANY DISCREPANCIES OR OMISSIONS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS OR OF ANY VARIATIONS NEEDED IN ORDER TO CONFORM TO CODES, RULES AND REGULATIONS. UPON RECEIPT OF SUCH INFORMATION, THE ENGINEER WILL SEND WRITTEN INSTRUCTIONS TO ALL CONCERNED. ANY SUCH DISCREPANCY, OMISSION, OR VARIATION NOT REPORTED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND WORK SHALL BE PERFORMED IN A MANNER AS DIRECTED BY THE ENGINEER.
3. SHORING: IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DESIGN AND PROVIDE ADEQUATE SHORING, BRACING AND FORMWORK, ETC., AS REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING THE CONSTRUCTION OF THIS BUILDING.
4. EXCAVATION: THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH THE LOCAL BUILDING DEPARTMENT. FOUNDATION EXCAVATIONS SHALL BE EXAMINED AND CERTIFIED BY THE SOILS ENGINEER OR HIS REPRESENTATIVE PRIOR TO THE PLACEMENT OF ANY REINFORCING STEEL OR CONCRETE.
5. OTHER TRADES: SEE ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF PIPE, VENT, DUCT AND OTHER OPENINGS AND DETAILS NOT SHOWN ON THESE STRUCTURAL DRAWINGS. ALL DIMENSIONS ARE TO BE CHECKED AND VERIFIED WITH THE ARCHITECTURAL DRAWINGS.
6. BACKFILL: BACKFILL AROUND THE EXTERIOR PERIMETER OF WALLS SHALL NOT BE PLACED UNTIL AFTER THE WALLS ARE SUPPORTED BY THE COMPLETION OF INTERIOR FLOOR SYSTEMS. DO NOT PROCEED WITH BACKFILL UNTIL 7 DAYS AS A MINIMUM AFTER THE COMPLETION OF INTERIOR FLOOR SYSTEMS UNLESS WALLS ARE ADEQUATELY BRACED. BACKFILL SHALL NOT BE PLACED UNTIL AFTER COMPLETION AND INSPECTION OF DAMPPROOFING.
7. BRACING: DO ALL TEMPORARY BRACING AS REQUIRED TO HOLD THE VARIOUS ELEMENTS IN PLACE UNTIL FINAL SUPPORT IS SECURELY ANCHORED.
8. WELDING: ALL WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED FOR THE WELDS TO BE MADE: SEE SPECS FOR WELDING PROCESS TO BE USED. WELDING REINFORCING BARS AS FOR COLUMNS AND SHEAR WALLS SHALL HAVE CONTINUOUS INSPECTION.

SOIL CRITERIA

1. FOUNDATION DESIGN IS BASED ON RECOMMENDATIONS BY J.H. KLEINFELDER AND ASSOCIATES DATED FEBRUARY 28, 1980 AND ADDENDUMS DATED AUGUST 10, 1980 AND SEPTEMBER 3, 1980.
2. SPREAD FOOTINGS ARE TO BE FOUNDED AT LEAST 24" BELOW LOWEST ADJACENT SUBGRADE. MAXIMUM BEARING PRESSURES ARE:
 - 3000 PSF FOR DL.
 - 4500 PSF FOR DL + L.L.
 - 6000 PSF FOR DL + L.L. + EQ.
 THE WEIGHT OF THE FOOTINGS MAY BE NEGLECTED.
3. DRIVEN CONCRETE PILES ARE DESIGNED FOR A FRICTION VALUE OF 1500 PSF FOR DL + L.L. FOR PILES EMBEDDED 40 TO 50 FEET. THE LOAD IS INCREASED 33% FOR DL + L.L. + EQ. UPWARD CAPACITY IS 3/4 THE DOWNWARD CAPACITY. LOCATE PILES AT 3 1/2 DIAMETER SPACING WITH A GROUP REDUCTION FACTOR OF 0.9.
4. RETAINING WALLS ARE DESIGNED USING AN EQUIVALENT FLUID PRESSURE OF 55 PCF.
5. LATERAL RESISTANCE IS PROVIDED BY A PASSIVE PRESSURE OF 400 PCF AND A FRICTION FACTOR OF 0.40.
6. SEE THE SOILS REPORT FOR ADDITIONAL INFORMATION INCLUDING SUBGRADE, DRAINAGE AND BACKFILL REQUIREMENTS.

LOADS

	DEAD LOAD	LIVE LOAD
ROOF	105	20
TYP. FLOORS	131	50
CORRIDORS	-	100

LATERAL LOADS BY 1979 UNIFORM BUILDING CODE (U.B.C.)

CONCRETE NOTES

GENERAL

1. DEBRIS: REMOVE ALL DEBRIS FROM THE FORMS BEFORE POURING.
2. SEGREGATION OF AGGREGATES: CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL (AS IN WALLS AND COLUMNS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. USE HOPPERS, CHUTES OR TRUNKS OF VARYING LENGTHS SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED FIVE FEET, AND A SUFFICIENT NUMBER SHALL BE USED TO ENSURE THE CONCRETE BEING KEPT LEVEL AT ALL TIMES.
3. INSERTS: ALL ITEMS TO BE CAST IN CONCRETE SUCH AS REINFORCING, DOWELS, BOLTS, ANCHORS, PIPES, SLEEVES, ETC., SHALL BE SECURELY POSITIONED IN THE FORMS BEFORE PLACING THE CONCRETE.
4. DOWELING: ALL WALLS AND COLUMNS SHALL BE DOWELED INTO FOOTINGS, WALLS, BEAMS, OR SLABS WITH BARS OF THE SAME SIZE AND SPACING AS THE WALL BARS EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE WITH 30 BAR DIAMETER LAP.
5. SPLICES: SPLICES IN CONTINUOUS REINFORCEMENT AS USED IN WALLS, GRADE BEAMS, ETC., SHALL HAVE A LAP OF 30 BAR DIAMETERS BUT NOT LESS THAN 12 INCHES, AND THE SPLICES IN ADJACENT BARS SHALL BE NOT LESS THAN 5'0" APART. VERTICAL WALL BARS SHALL BE SPLICED AT OR NEAR FLOOR LINES. SPLICE BARS IN SPANDRELS, WALLS, BEAMS, GRADE BEAMS, ETC., AS FOLLOWS: TOP BARS AT CENTER LINE OF SPAN, BOTTOM BARS AT THE SUPPORT. ALL REINFORCING STEEL SHALL BE SECURELY WIRED AND PROPERLY SUPPORTED ABOVE GROUND AND AWAY FROM THE FORMS.
6. CONSTRUCTION JOINTS: SHALL HAVE ENTIRE SURFACE REMOVED TO EXPOSE CLEAN AGGREGATE SOLIDLY EMBEDDED. THE CONTRACTOR SHALL OBTAIN THE ENGINEER'S APPROVAL OF CONSTRUCTION JOINT LOCATION IN ALL SLABS, BEAMS AND SHEAR WALLS.
7. PIPES: PIPES OTHER THAN ELECTRICAL CONDUITS SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY THE ENGINEER.
8. WELDED WIRE FABRIC: WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-82 AND A-185.

SPECIFIC

9. CONCRETE QUALITY:

CONCRETE USE	STRENGTH	SLUMP	AIR	AGG. SIZE
EXTERIOR WALKS AND CURBS	2000 @ 28	4 1/2"	-	1 1/2"
GRADE SLAB AND FOUNDATIONS	3000 @ 28	4 1/2"	-	1 1/2"
COLUMNS AND WALLS	SEE SCHEDULE	4 1/2"	-	3/4"
SUSPENDED POST-TENSIONED SLABS	3000 @ 7 DAYS 4000 @ 28 "	4 1/2"	3%	3/4"

 ALL CONCRETE SHALL BE OF REGULAR WEIGHT OF 150 POUNDS PER CUBIC FOOT. THE AGGREGATE SHALL BE HARDROCK.
10. REBAR COVER: ALL DIMENSIONS SHOWING THE LOCATION OF REINFORCING STEEL NOT NOTED AS "CLEAR", ARE TO CENTER OF STEEL. MINIMUM COVERAGE SHALL BE AS FOLLOWS:
 - 3" WHERE CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH, EXCEPT SLAB ON GRADE.
 - 1 1/2" WHERE CAST IN FORMS BUT EXPOSED TO EARTH AND WEATHER. (2" FOR #6 THROUGH #18 BARS).
 - 3/4" FOR SLABS, WALLS AND JOISTS NOT EXPOSED TO EARTH OR WEATHER. (1 1/2" FOR #14 THROUGH #18 BARS).
 - 1 1/2" FOR BEAMS, COLUMNS, TIES, STIRRUPS AND SPIRALS NOT EXPOSED TO EARTH OR WEATHER.
 - 1 1/2" FOR SLABS ON GRADE.
11. REBAR GRADES: ALL REINFORCING STEEL SHALL BE NEW STOCK DEFORMED BARS CONFORMING TO ASTM A615 AS FOLLOWS:
 - #4 & SMALLER BARS GRADE 40
 - #5 & LARGER BARS GRADE 60

WATER FRONT TOWERS

STOCKTON - CALIFORNIA

MASONRY NOTES

GENERAL

OMIT

1. CONCRETE MASONRY UNITS: SHALL BE HOLLOW, SUITABLE FOR BEARING WALL CONSTRUCTION. ALL BLOCKS SHALL CONFORM TO GRADE A UNITS GIVEN IN ASTM C-90, LATEST EDITION, AND IN ADDITION SHALL HAVE A LINEAR SHRINKAGE OF 0.05% MAXIMUM FROM SATURATED TO THE OVEN DRY CONDITION. MASONRY UNITS SHALL HAVE CURED FOR NOT LESS THAN 28 DAYS WHEN PLACED IN THE STRUCTURE. BLOCKS SHALL BE "BASALITE", NATURAL GREY COLOR. ALL UNITS SHALL HAVE ONE END OPEN. PROVIDE ALL BOND BEAM UNITS, LINTELS, ETC., AS REQUIRED.
2. DEFECTIVE UNITS: DO NOT USE CHIPPED OR CRACKED BLOCKS. IF ANY SUCH BLOCKS ARE DISCOVERED IN ANY FINISHED WALL, THEY SHALL BE PROMPTLY REMOVED AND REPLACED WITH NEW BLOCKS TO THE APPROVAL OF THE ENGINEER.
3. MORTAR: SHALL BE COMPOSED OF NOT LESS THAN 1/4 PART NOR MORE THAN 1/2 PART LIME PUTTY OR DRY HYDRATED LIME, 1 PART PORTLAND CEMENT, AND 4 PARTS SAND BASED ON DRY LOOSED VOLUMES. THE TOTAL CLAY CONTENT, INCLUDING THAT IN THE SAND, SHALL NOT EXCEED 2% OF THE SAND CONTENT OR 6% OF THE CEMENT CONTENT.
4. GROUT: FOR POURING SHALL BE FLUID CONSISTENCY AND SHALL NOT HAVE LESS THAN 7 SACKS OF CEMENT IN EACH CUBIC YARD OF GROUT. THE MIX SHALL BE AS APPROVED BY THE ENGINEER. FLUID CONSISTENCY SHALL MEAN A CONSISTENCY AS FLUID AS POSSIBLE FOR POURING WITHOUT SEGREGATION OF THE CONSTITUENT PARTS.
5. ADMIXTURES: THE USE OF ADMIXTURES SHALL NOT BE PERMITTED IN MORTAR OR GROUT UNLESS SUSTAINING DATA HAS BEEN SUBMITTED TO AND APPROVED BY THE ENGINEER. THE USE OF ADMIXTURES IN MORTAR SHALL NOT BE PERMITTED WITHOUT REDUCING THE LIME CONTENT. PROPORTIONS OF ADMIXTURE SHALL BE ONLY AS APPROVED BY THE ENGINEER. THE USE OF UNCONTROLLED FIRE CLAY, DIRT, AND OTHER DELETERIOUS MATERIALS IS PROHIBITED.
6. MIXING: PLACE THE SAND, CEMENT AND WATER IN THE MIXER IN THAT ORDER FOR EACH BATCH OF MORTAR OR GROUT AND MIX FOR A PERIOD OF AT LEAST 2 MINUTES. ADD THE LIME AND CONTINUE MIXING FOR AS LONG AS NEEDED TO SECURE A UNIFORM MASS, BUT IN NO CASE LESS THAN 10 MINUTES. USE MIXERS TO SECURE A UNIFORM CAPACITY. BATCHES REQUIRING FRACTIONAL SACKS WILL NOT BE PERMITTED UNLESS CEMENT IS WEIGHED FOR EACH SUCH BATCH. RETEMPER MORTAR ONLY BY ADDING WATER INTO A BATCH MADE WITH THE MORTAR AND THEN CAREFULLY WORKING THE WATER INTO THE MORTAR. RETEMPERING THE MORTAR BY DASHING WATER OVER THE MORTAR SHALL NOT BE PERMITTED. ANY MORTAR OR GROUT WHICH IS UNUSED WITHIN 1 HOUR AFTER THE INITIAL MIXING SHALL BE REMOVED FROM THE WORK. MORTAR SHALL BE MIXED AND MAINTAINED ON THE BOARDS TO A SLUMP OF 2-3/4 INCHES PLUS OR MINUS 1/4 INCH USING A TRUNCATED CONE 4 INCHES BY 2 INCHES, 6 INCHES HIGH.
7. CEMENT: SHALL BE PORTLAND CEMENT CONFORMING TO ASTM C-150, TYPE I OR TYPE II, AND SHALL BE ENTIRELY OF ONE MANUFACTURE.
8. WATER: WATER USED FOR MORTAR AND GROUT SHALL BE CLEAN AND FREE FROM DELETERIOUS AMOUNTS OF ACIDS, SALTS, ALKALI, AND ORGANIC MATERIALS.
9. AGGREGATES: SAND FOR MORTAR SHALL CONFORM TO ASTM C-144 EXCEPT THAT NOT LESS THAN 3% OF THE SAND SHALL PASS THE NUMBER 100 SIEVE. SAND AND PEA GRAVEL FOR GROUT SHALL CONFORM TO ASTM C-404-61, TABLE 1, COARSE AGGREGATE, EXCEPT WHEN OTHER GRADINGS ARE SPECIFICALLY APPROVED BY THE ENGINEER.
10. QUICKLINE: QUICKLINE SHALL CONFORM TO ASTM C-5.
11. CONSTRUCTION JOINTS: WHEN GROUTING IS STOPPED FOR A PERIOD OF 1 HOUR OR LONGER, FORM HORIZONTAL CONSTRUCTION JOINTS BY STOPPING THE GROUT POUR 1-1/2 INCHES MINIMUM BELOW THE UPPERMOST UNIT.
12. ALIGNMENT OF VERTICAL CELLS: ALL MASONRY SHALL BE BUILT TO PRESERVE THE UNOBSTRUCTED VERTICAL CONTINUITY OF THE CELLS TO BE FILLED. THE VERTICAL ALIGNMENT SHALL BE SUFFICIENT TO MAINTAIN A CLEAR UNOBSTRUCTED VERTICAL FLUE MEASURING NOT LESS THAN 3 INCHES BY 3 INCHES, EXCEPT WHERE OPEN END UNITS ARE USED.
13. LAYING: IN PLACING MORTAR IN HORIZONTAL JOINTS, COMPLETELY COVER THE FACE SHELLS OF THE UNITS WITH MORTAR. SOLIDLY FILL ALL HEAD JOINTS. LAY ALL MASONRY WITH COMMON BOND. HOLD RAKING TO A MINIMUM. NO TOOLING SHALL BE ALLOWED.
14. WALL CLEANING AND PROTECTION: REMOVE CONCRETE SCUM AND GROUT STAINS ON THE WALL IMMEDIATELY. AFTER THE WALL IS CONSTRUCTED, DO NOT SATURATE WITH WATER FOR CURING OR ANY OTHER PURPOSE. CHECK ALL JOINTS FOR TIGHTNESS AND, WHERE CRACKS ARE VISIBLE, CHIP OUT THE MORTAR, TUCK POINT AND TOOL TO MATCH ADJACENT JOINTING.
15. REINFORCEMENT: REINFORCEMENT SHALL BE FULLY EMBEDDED IN GROUT. SEE STRUCTURAL NOTES & DETAILS FOR SIZE, GRADE, LAPS, ETC....
16. GROUT QUALITY: GROUT FILL FOR CELLS SHALL CONSIST OF 1 PART PORTLAND CEMENT TO NOT MORE THAN 3 PARTS SAND TO 2 PARTS PEA GRAVEL, 3/8" INCH MAXIMUM SIZE COARSE AGGREGATE. GROUT FILL USING COARSER AGGREGATE MAY BE USED IF THE MIX IS PROPERLY DESIGNED AND APPROVED BY ENGINEER. THE MAXIMUM SIZE OF AGGREGATE USED SHALL NOT EXCEED 1/5 THE LEAST LATERAL DIMENSION OF THE CELL TO BE FILLED. GROUT SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS. APPROVED ADMIXTURES MAY BE ADDED TO THE GROUT.
17. GROUTING: ALL WALLS SHALL HAVE ALL CELLS FILLED SOLID WITH GROUT.

SPECIFIC

18. SPECIAL MASONRY INSPECTION: IS NOT REQUIRED.
19. STRENGTH: ULTIMATE COMPRESSIVE STRENGTH, F_m, SHALL BE 1500 PSI
20. MAXIMUM HEIGHT OF ANY GROUT POUR SHALL BE LESS THAN 4 FEET
21. MASONRY REBAR LAP LENGTHS: REBAR LAPS FOR MASONRY ONLY SHALL BE:
 - #4 BARS 18"
 - #5 BARS 27"

OMIT

PRESTRESS NOTES

GENERAL

1. BLOCKOUTS: ALL POCKETS OR BLOCKOUTS REQUIRED FOR ANCHORAGE SHALL BE ADEQUATELY REINFORCED SO AS NOT TO DECREASE THE STRENGTH OF THE STRUCTURE. ALL POCKETS SHOULD BE WATERPROOFED SO AS TO ELIMINATE WATER LEAKAGE THROUGH OR INTO THE POCKET.
2. DE-SHORING: SLAB OR BEAMS MAY BE DE-SHORED WHEN ALL TENDONS HAVE BEEN STRESSED, UNLESS SHORING IS REQUIRED TO CARRY FLOORS ABOVE.
3. PT HARDWARE QUALITY: ALL ANCHORAGES, COUPLERS AND MISCELLANEOUS HARDWARE SHALL BE STANDARD AND APPROVED BY GOVERNING AGENCIES AND ENGINEER.
4. ANCHOR BARS: PLACE TWO #4 BARS BEHIND ALL ANCHORAGES. #4 TO BE CONT., U.O.N.
5. MINIMUM CHAIRING: TENDONS SHALL BE SECURED TO A SUFFICIENT NUMBER OF POSITIONING DEVICES TO ENSURE CORRECT LOCATION DURING AND AFTER THE PLACING OF CONCRETE, AND SHALL BE SUPPORTED AT A MINIMUM OF 4'0" ON CENTER.
6. INSERTS: ALL INSERTS AND SLEEVES SHALL BE CAST IN PLACE WHENEVER POSSIBLE. DRILLED AND POWER-DRIVEN FASTENERS WILL BE PERMITTED ONLY WHEN IT CAN BE SHOWN THAT THE INSERTS WILL NOT SPALL THE CONCRETE AND ARE LOCATED SO AS TO AVOID THE TENDONS AND ANCHORAGES. CONTRACTOR MUST LOCATE TENDONS ON THE SURFACE SLAB.
7. CONTINUOUS INSPECTION: IS REQUIRED FOR ALL PRESTRESS WORK.
8. PT INSPECTION: TENDON PLACEMENT AND INTEGRITY OF PROTECTIVE WRAPPING SHALL BE INSPECTED BY THE ENGINEER OR HIS REPRESENTATIVE PRIOR TO PLACING CONCRETE.
9. PT STEEL QUALITY: ONE SAMPLE OF EACH REEL OR HEAT SHALL BE TESTED BY AN APPROVED LABORATORY. TEST RESULTS SHALL BE SUBMITTED TO THE ARCHITECT AND BUILDING DEPARTMENT BEFORE STRESSING OF TENDONS. POST-TENSIONING TENDONS SHALL BE STRESS RELIEVED AND SHALL CONFORM TO THE FOLLOWING:

SEVEN WIRE STRAND ASTM DESIGNATION	A416
1/2" DIAMETER TENDON AREA	0.153 SQ. IN.
ULTIMATE STRENGTH	270 KSI
TEMP. STRESS TO OVERCOME FRICTION	216 KSI
ANCHORING STRESS	189 KSI
EFFECTIVE DESIGN STRESS	162 KSI
10. SHOP DRAWINGS: SUPPLIER SHALL SUBMIT SHOP DRAWINGS PER SPECIFICATIONS.
11. CONTRACTOR SUBMISSIONS: CONTRACTOR SHALL SUBMIT FRICTION CALCULATIONS AND SHOP DRAWINGS OF TENDON LAYOUT, DEAD-END AND STRESSING-END ANCHORAGE DETAILS FOR THE ENGINEER'S APPROVAL. A RECORD OF ALL JACKING FORCES AND FIELD-MEASURED ELONGATIONS SHALL BE SUBMITTED TO THE ENGINEER.
12. TWISTING: OR ENTWINING OF INDIVIDUAL WIRES OR STRANDS WITHIN A BUNDLE OR A BEAM SHALL NOT BE PERMITTED.
13. ELONGATIONS: FIELD READINGS OF ELONGATIONS AND/OR STRESSING FORCES SHALL NOT VARY BY MORE THAN 5% FROM CALCULATED REQUIRED VALUES.
14. TENDON ENDS: DO NOT BURN OFF TENDON ENDS UNTIL THE ENTIRE SLAB HAS BEEN SATISFACTORILY STRESSED.
15. PROFILES: SHALL CONFORM TO CONTROLLING POINTS SHOWN ON THE DRAWINGS AND SHOULD BE IN AN APPROXIMATE PARABOLIC DRAPE BETWEEN SUPPORTS, UNLESS NOTED OTHERWISE. LOW POINTS ARE AT MIDSPAN UNLESS OTHERWISE SHOWN AS NOTED. HARPED TENDONS SHALL BE STRAIGHT BETWEEN CONTROL POINTS.
16. TENDON ADJUSTMENTS: SLIGHT DEVIATIONS IN THE SPACING OF THE SLAB TENDONS WILL BE PERMITTED WHEN REQUIRED TO AVOID OPENINGS, INSERTS AND DOWELS WHICH ARE SPECIFICALLY LOCATED. WHERE LOCATIONS OF TENDONS SEEM TO INTERFERE WITH EACH OTHER, ONE TENDON MAY BE MOVED HORIZONTALLY IN ORDER TO AVOID THE INTERFERENCE.
17. CHLORIDES: GROUT OR CONCRETE CONTAINING CHLORIDES SHALL NOT BE USED.
18. PUMPED CONCRETE: IF CONCRETE IS PLACED BY THE PUMP METHOD, HORSES SHALL BE PROVIDED TO SUPPORT THE HOSE. THE HOSE SHALL NOT BE ALLOWED TO RIDE ON THE TENDONS. THIS REQUIREMENT IS MANDATORY.
19. CONCRETE CONSOLIDATION: CONTRACTOR SHALL TAKE PRECAUTIONS TO ASSURE COMPLETE CONSOLIDATION AND DENSIFICATION OF CONCRETE BEHIND ALL POST-TENSIONING ANCHORAGES.
20. ANCHOR PAINTING: THE STRESSING END ANCHORS AND WEDGES SHALL BE SPRAY PAINTED WITH RUST OLEUM OR SIMILAR BEFORE THE RECESS IS GROUTED.
21. CHAIRS: TIE ALL CHAIRS TO REINFORCING WITH WIRE

SPECIFIC

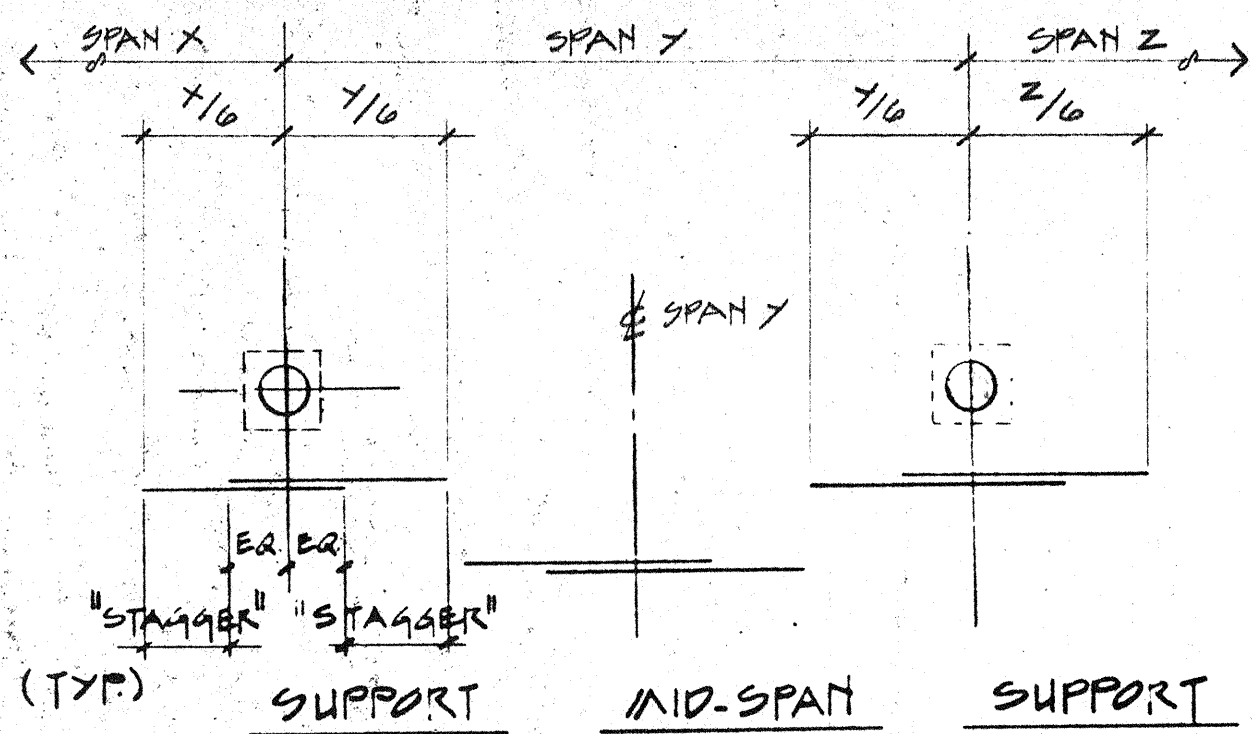
22. STRESSING SEQUENCE: DISTRIBUTED TENDONS SHALL BE STRESSED BEFORE BANDED
23. CONCRETE STRENGTH AT STRESSING: AT TRANSFER OF PRESTRESS, CONCRETE STRENGTH SHALL BE 3000 PST MINIMUM

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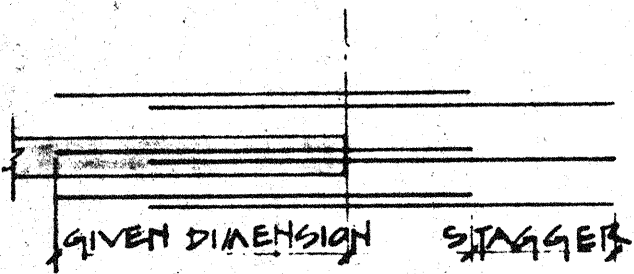
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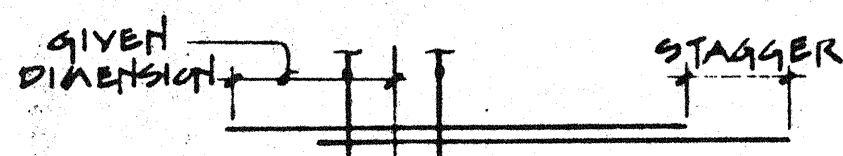
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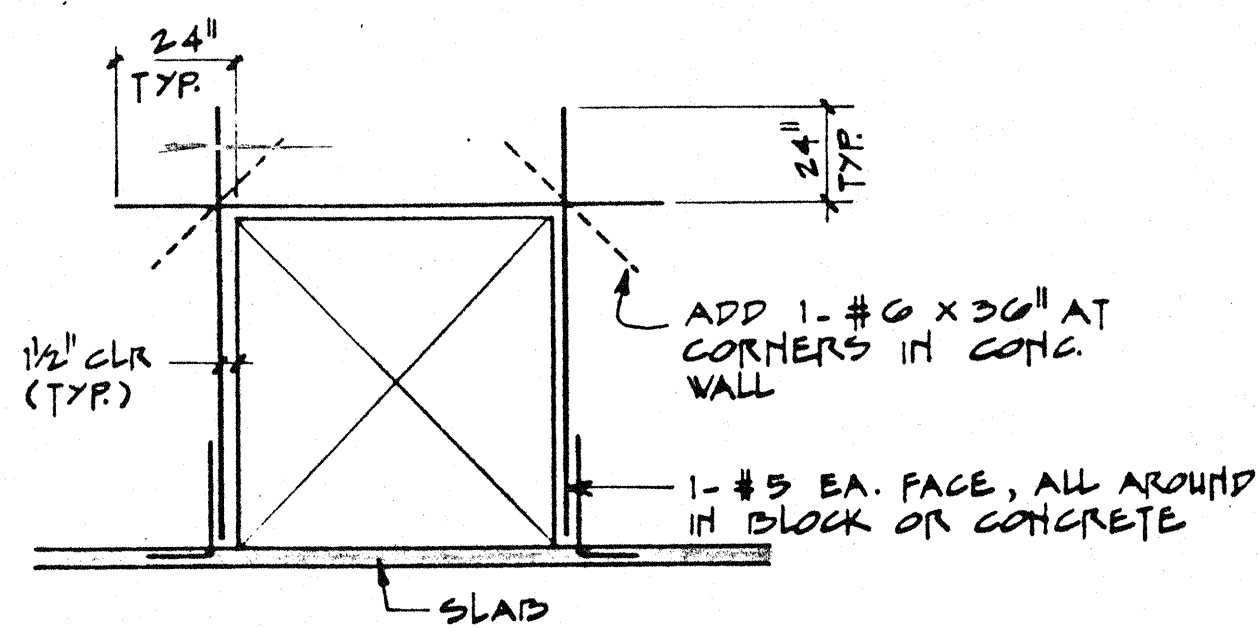
CANTILEVER



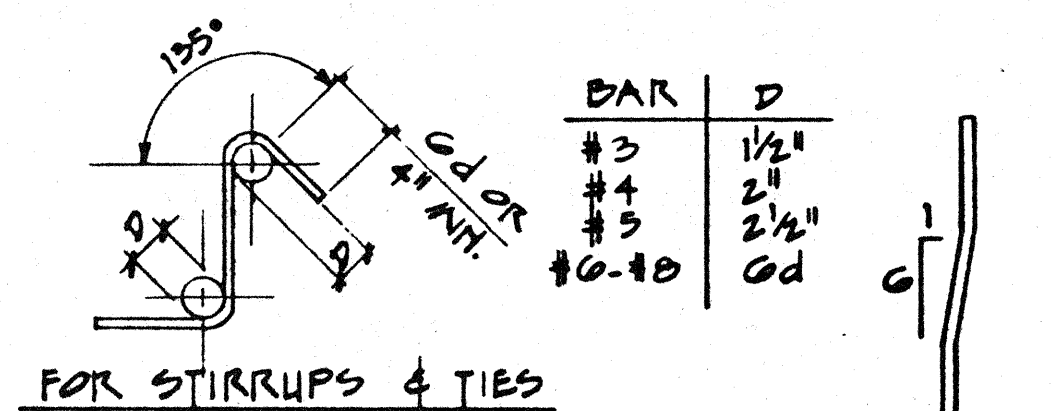
BEAM STRIP

NOTE: UNLESS NOTED OTHERWISE STAGGER ALL BARS (ALL CONDITIONS) 24" UNLESS SPACE INSUFFICIENT IN WHICH CASE FIELD ADJUST TO LESS STAGGER

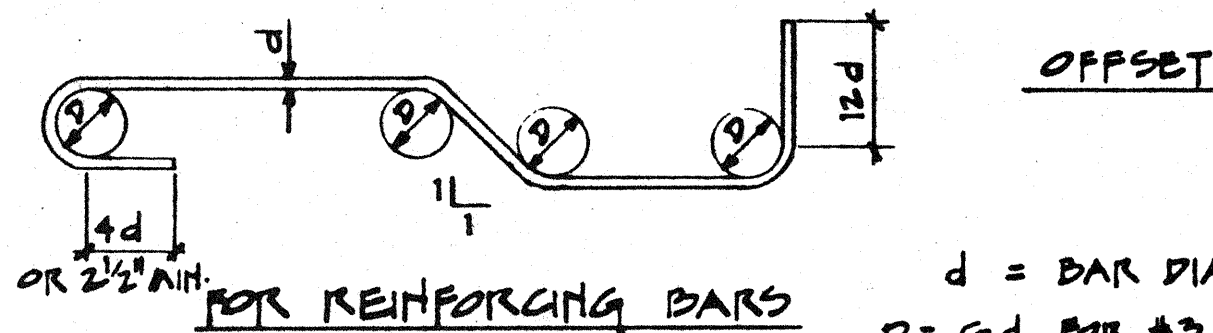
1 STANDARD STAGGER GENERAL DETAIL
S-21 NO SCALE



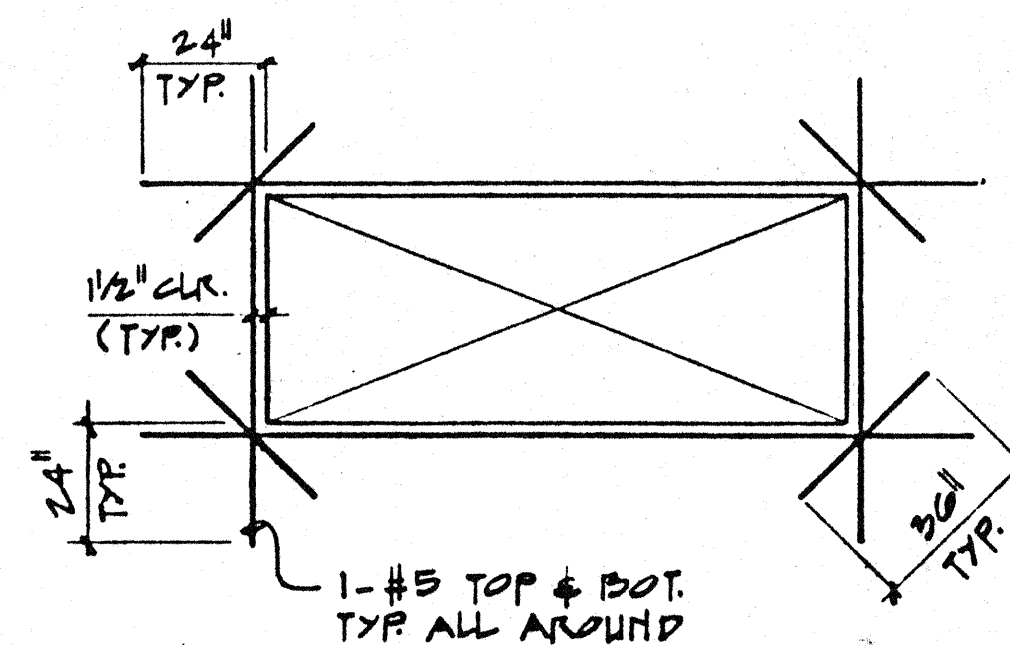
2 OPENING IN WALL GENERAL DETAIL
S-21 NO SCALE



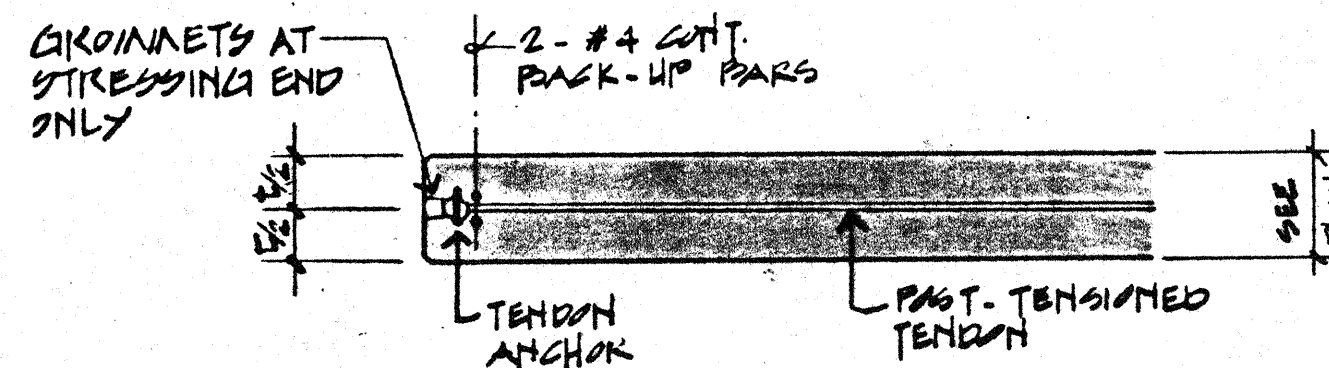
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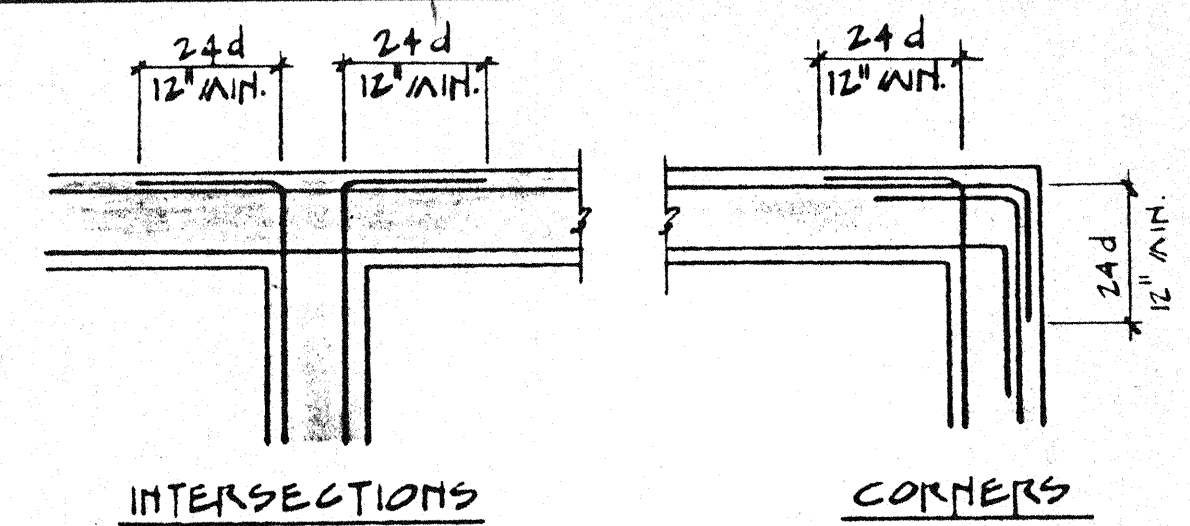
5 BAR BENDING GENERAL DETAIL
S-21 NO SCALE



3 SLAB OPENING GENERAL DETAIL
S-21 NO SCALE



6 SLAB EDGE GENERAL DETAIL
S-21 NO SCALE



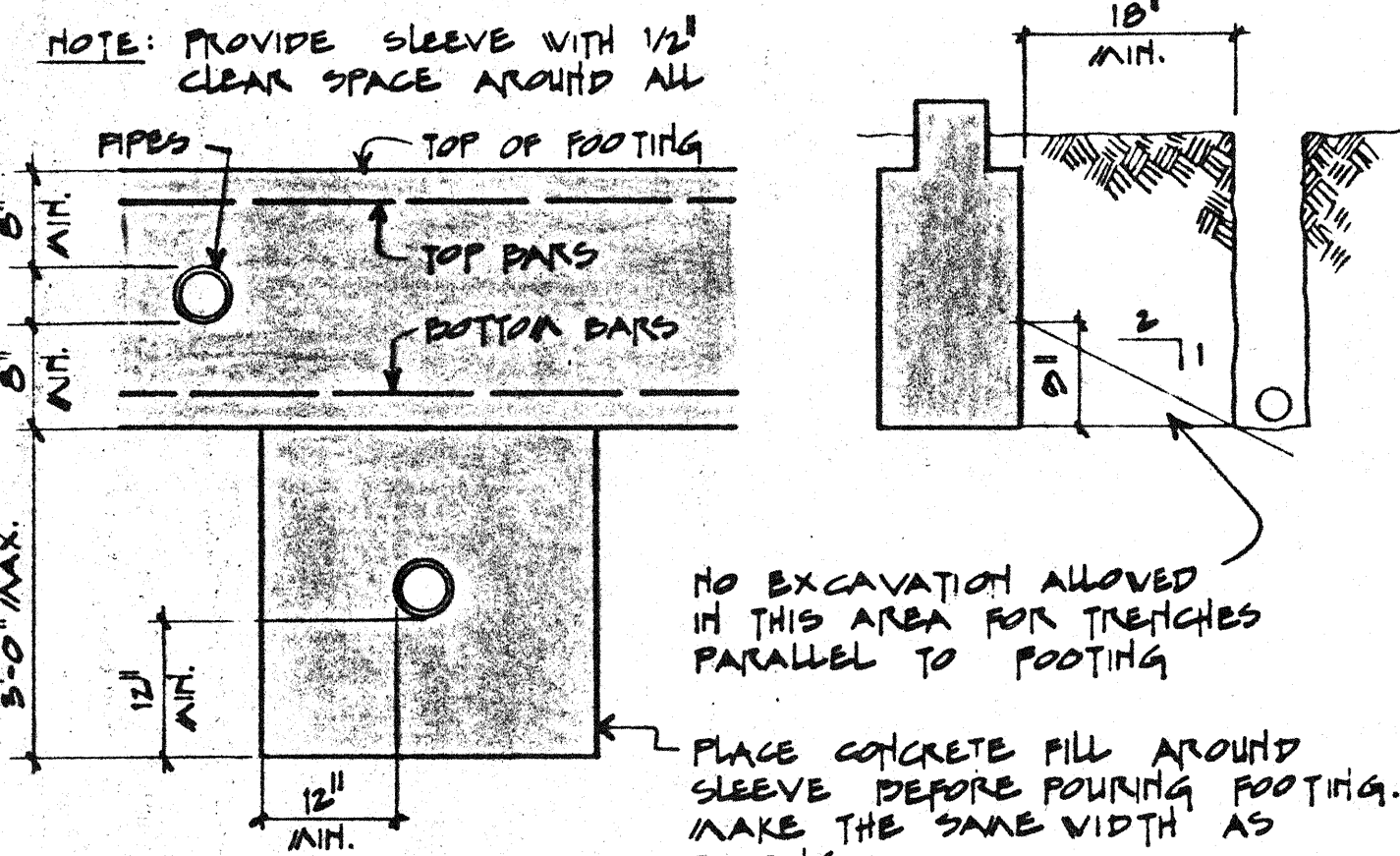
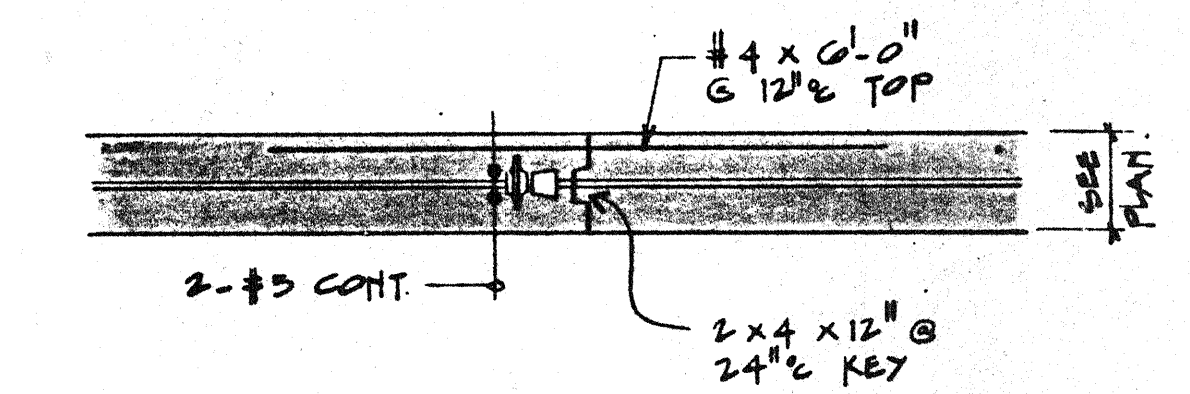
4 BENDING REINF. @ WALLS and FOOTINGS GENERAL DETAIL
S-21 NO SCALE

PLACE ALL BENDS HORIZ.

FOR SINGLE CURTAIN STEEL PROVIDE SIMILAR BENDS 3" CLEAR FACE OF CONCRETE

d = BAR DIAMETER

7 SLAB CONSTRUCTION JOINT GENERAL DETAIL
S-21 NO SCALE

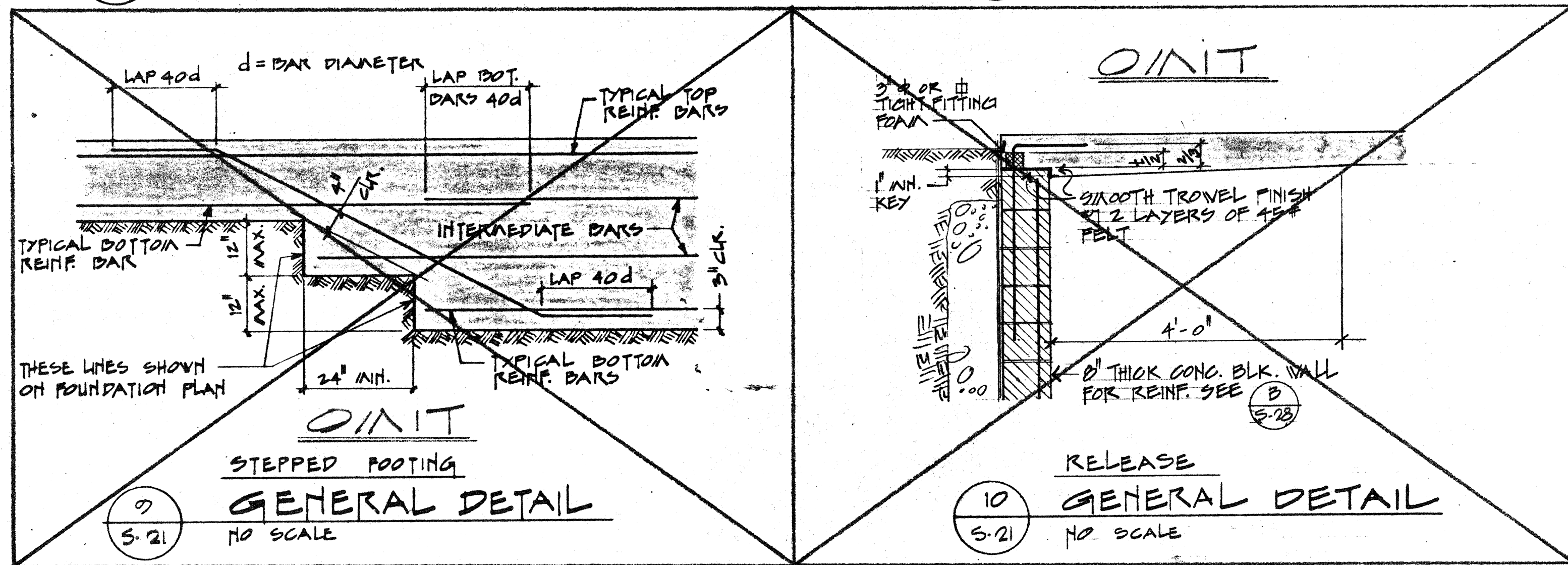


PERPENDICULAR

PARALLEL

NOTE: DETAILS ALSO APPLY TO ELECTRICAL CONDUIT 3" OR LARGER

8 PIPE AND TRENCH CLEARANCE AT FOOTING GENERAL DETAIL
S-21 NO SCALE



9 STEPPED FOOTING GENERAL DETAIL
S-21 NO SCALE

10 RELEASE GENERAL DETAIL
S-21 NO SCALE

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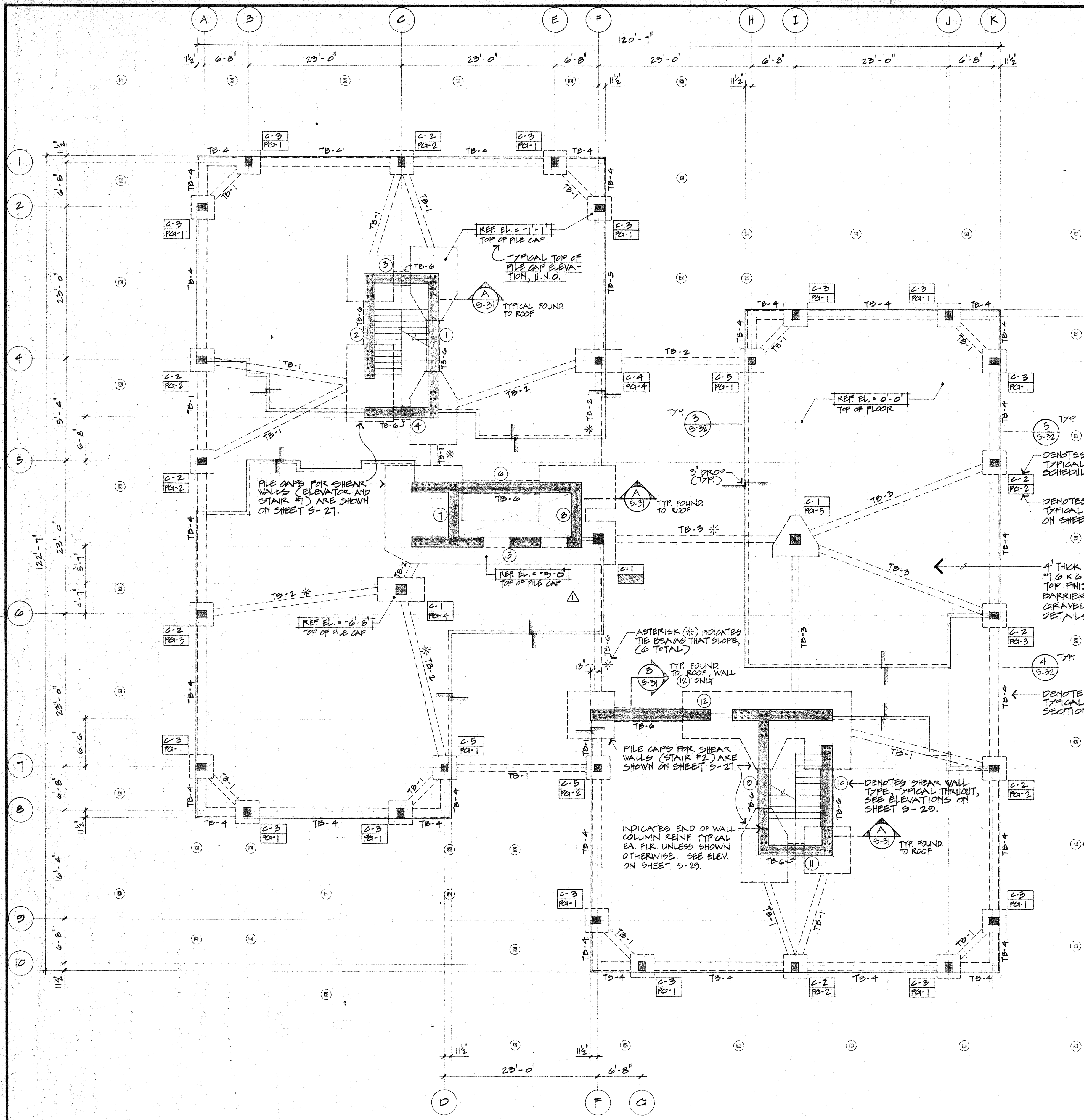
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- NOTES:**
1. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DWGS.
 2. FOR CONCRETE SLAB ON GRADE LOCATIONS, SEE ARCHITECTURAL DRAWINGS.
 3. FOR FLOORING MATERIAL IN CORRIDOR AREA OF FIRST FLOOR, SEE ARCHITECTURAL DRAWINGS.

BUILDING I
FOUNDATION AND FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

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 APPROVED: [Signature]
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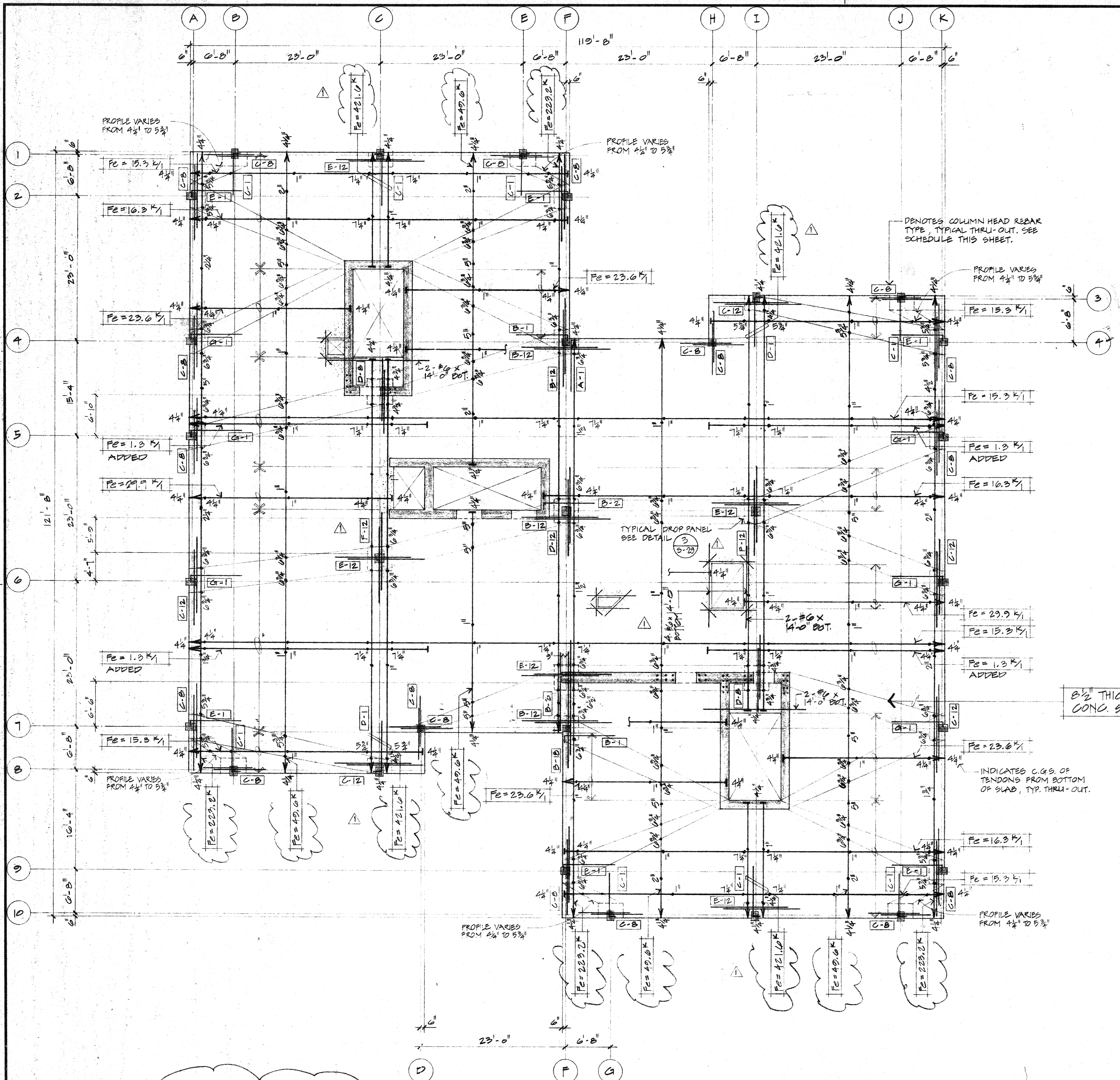
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- NOTES:**
1. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DWGS.
 2. ALL SLAB OPENINGS GREATER THAN 12" SQ. (STAIR, ELEVATOR, MECHANICAL DUCTS, ETC.) TO HAVE MINIMUM TRIM REBAR UNLESS SHOWN OR NOTED OTHERWISE ON DWGS. SEE DETAIL (S-21).
 3. LAY TEMPERATURE TENDONS APPROXIMATELY AT MID-SPAN & MID-DEPTH OF CONCRETE SLAB.
 4. MINIMUM TEMPERATURE/SUPPORT REBAR IS #3 @ 36" OC.
 5. MINIMIZE OR ELIMINATE HORIZONTAL CURVATURE WHENEVER POSSIBLE.
 6. VERIFY SIZE & LOCATION OF MECHANICAL OPENINGS IN SLAB ON MECH. DWGS.
 7. WINDOW MANUFACTURER SHALL PROVIDE DESIGN AND DETAILS OF SUPPORTING MEMBERS FOR WIND AND SEISMIC TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.

DATE: 15 OCTOBER 1981
 REVISIONS:
 1 JAN 7/82
 2 FEB 24/82

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8 1/2" THICK POST-TENSIONED CONC. SLAB (TYP. THRU-OUT)

INDICATES C.G.S. OF TENDONS FROM BOTTOM OF SLAB, TYP. THRU-OUT.

COLUMN HEAD REBAR SCHEDULE

TYPE	NUMBER OF REBARS	SIZE	LENGTH	LOCATION		REMARKS
				NORTH / SOUTH DIRECTION	EAST / WEST DIRECTION	
A	2	#6	SEE PLAN	TOP (UPPER)	TOP (LOWER)	
B	3					
C	4					
D	5					
E	6					
F	7					
G	8					

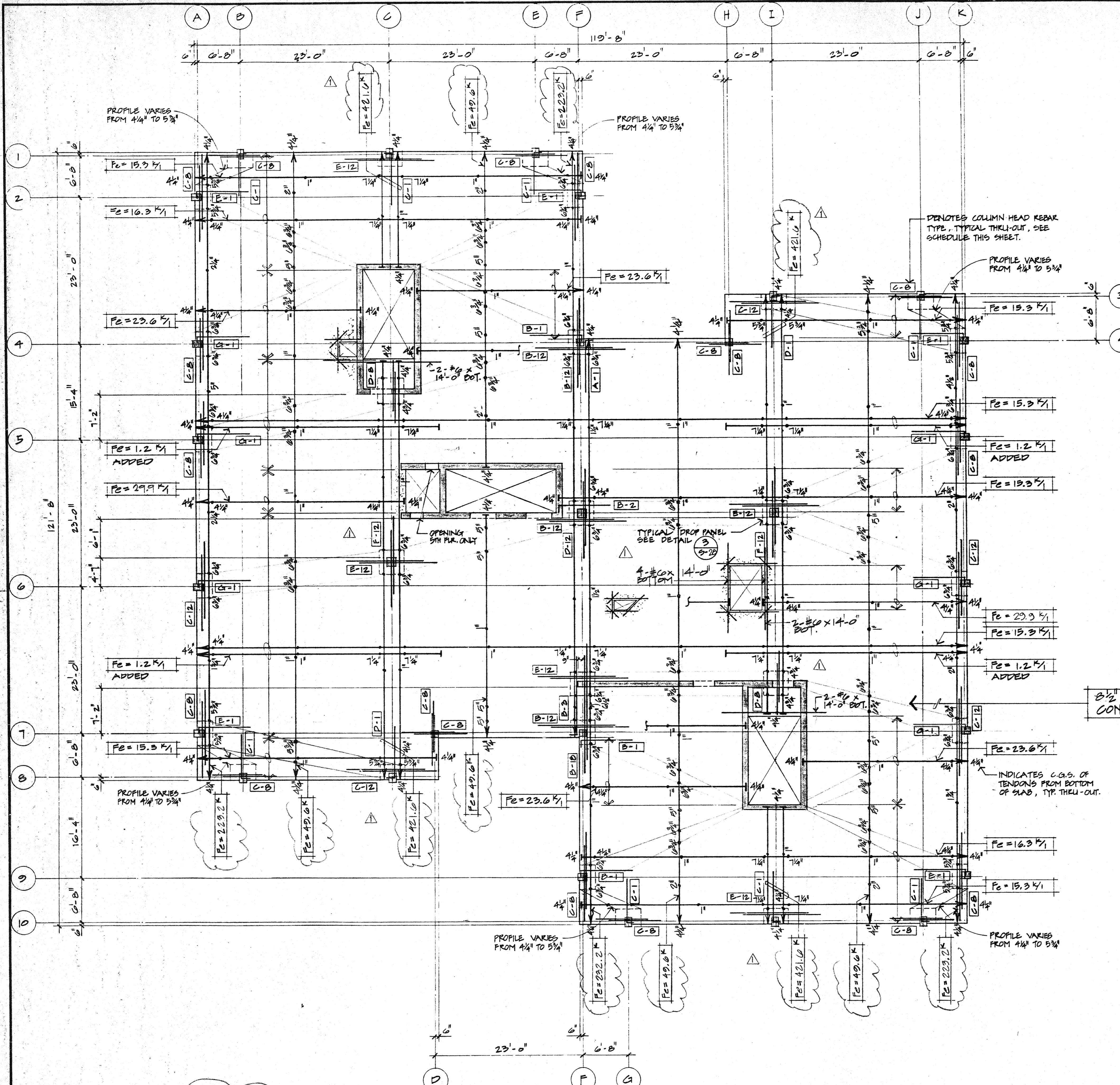
- NOTES:**
1. FOR STANDARD REBAR STAGGER, SEE DETAIL (S-21)
 2. SEE DETAILS (S-31) & (S-32)

BUILDING I - SECOND AND THIRD FLOOR
TYPICAL FLOOR FRAMING PLAN
 SCALE: 1/8" = 1'-0"

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- NOTES:**
1. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRWG'S.
 2. ALL SLAB OPENINGS GREATER THAN 12" SQUARE (STAIR, ELEVATOR, MECHANICAL DUCTS, ETC.) TO HAVE MINIMUM TRIM REBARS, UNLESS NOTED OR SHOWN OTHERWISE ON DRAWINGS. SEE DETAIL (3/5-21).
 3. LAY TEMPERATURE TENDONS APPROXIMATELY AT MID-SPAN AND MID-DEPTH OF CONCRETE SLAB.
 4. MINIMUM TEMPERATURE/SUPPORT REBAR IS #3 @ 36" O.C.
 5. MINIMIZE OR ELIMINATE HORIZONTAL CURVATURE WHENEVER POSSIBLE.
 6. VERIFY SIZE & LOCATION OF MECHANICAL OPENINGS IN SLAB ON MECHANICAL DRAWINGS.
 7. WINCON MANUFACTURER SHALL PROVIDE DESIGN AND DETAILS OF SUPPORTING MEMBERS FOR WIND AND SEISMIC TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.

3 1/2" THICK POST-TENSIONED CONG. SLAB (TYP. THRUOUT)

COLUMN HEAD REBAR SCHEDULE

TYPE	NUMBER OF REBARS	SIZE	LENGTH	LOCATION		REMARKS
				NORTH / SOUTH DIRECTION	EAST / WEST DIRECTION	
A	2	#6	SEE PLAN	TOP (UPPER)	TOP (LOWER)	
B	3					
C	4					
D	5					
E	6					
F	7					
G	8					

- NOTES:**
1. FOR STANDARD REBAR STAGGER, SEE DETAIL (1/3-21)
 2. SEE DETAILS (3/3-22) 1#2
- * $\begin{cases} 1 = 8'-0" \\ 2 = 15'-0" \\ 3 = 23'-0" \end{cases}$

BUILDING I - FOURTH AND FIFTH
TYPICAL FLOOR FRAMING PLAN
 SCALE: 1/8" = 1'-0"

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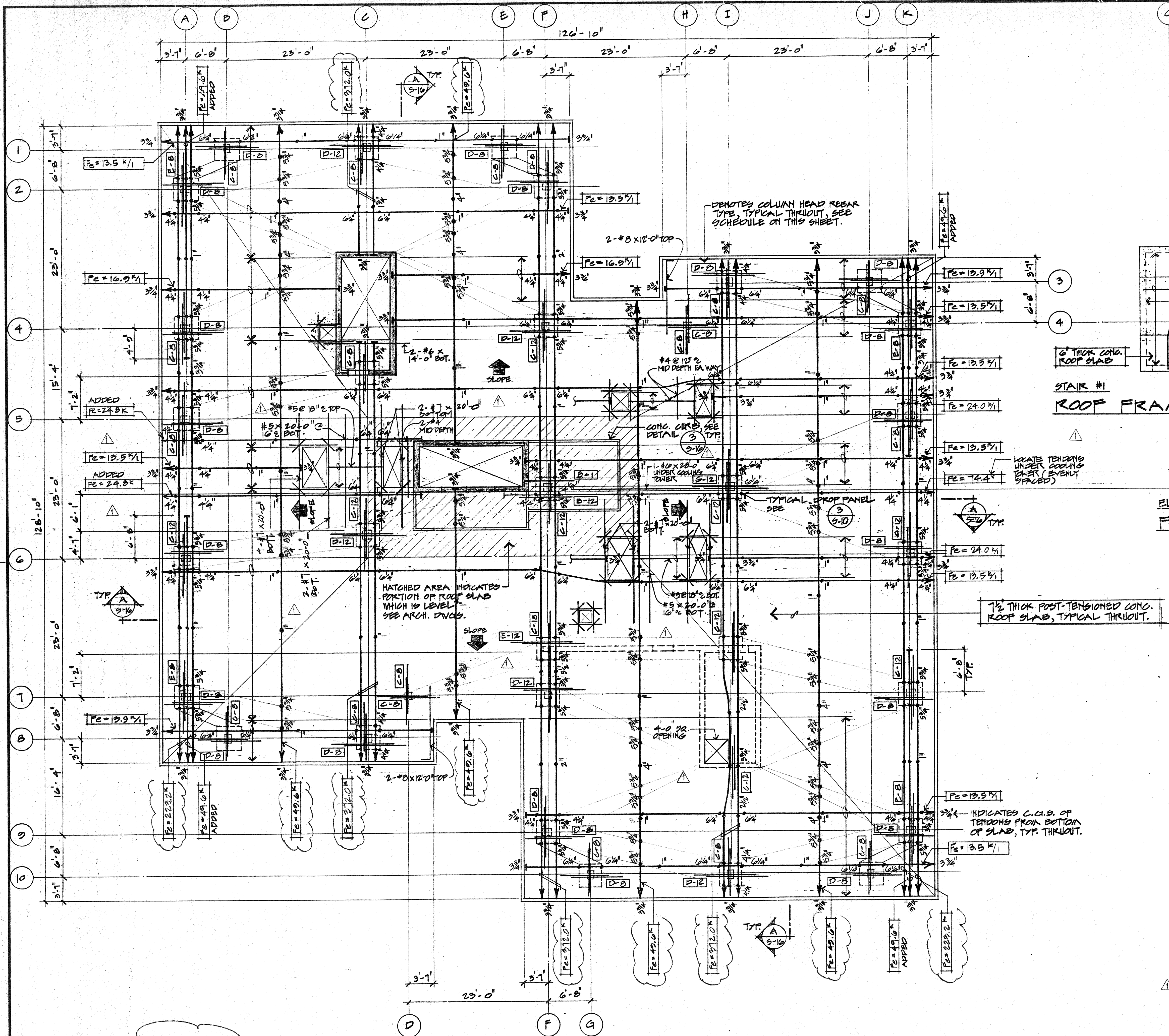
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- NOTES:**
1. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DWGS.
 2. ALL SLAB OPENINGS GREATER THAN 12' SQ. (STAIR, ELEVATOR, MECHANICAL DUCTS, ETC.) TO HAVE MINIMUM TRIM REBAR, UNLESS NOTED OR SHOWN OTHERWISE ON DRAWINGS. SEE DETAIL 3-2
 3. LAY TEMPERATURE TENDONS APPROXIMATELY AT MID-SPAN AND MID-DEPTH OF CONCRETE SLAB.
 4. MINIMUM TEMPERATURE / SUPPORT REBAR IS #3 @ 36" C.
 5. MINIMIZE OR ELIMINATE HORIZONTAL CURVATURE WHEREVER POSSIBLE.
 6. VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS IN SLAB ON MECHANICAL DRAWINGS.
 7. SUSPENDED CEILING SHALL BE LATERALLY BRACED WITH 4-12 GA. WIRES @ 12'-0" OC EA. WAY @ 45° ANGLE TO SUPPORT TRACKS.
 8. DO NOT BOLT MAJOR MECHANICAL EQUIPMENT TO ROOF. PROVIDE ISOLATOR PAD OR OTHER DEVICES TO PREVENT SHEAR ATTACHMENT.

STAIR #1
ROOF FRAMING PLAN

ELEVATOR EQUIPMENT
FLOOR FRAMING PLAN

COLUMN HEAD REBAR SCHEDULE

TYPE	NUMBER OF REBARS	SIZE	LENGTH	LOCATION		REMARKS
				NORTH / SOUTH DIRECTION	EAST / WEST DIRECTION	
A	2	#6	SEE PLAN	TOP (UPPER)	TOP (LOWER)	
B	3					
C	4					
D	5					
E	6					
F	7					
G	8					

- NOTES:**
1. FOR STANDARD REBAR STAGGER, SEE DETAIL 1-9.2
 2. SEE DETAILS 6-15 1 & 2

BUILDING I
ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

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DATE: 15 OCTOBER 1981
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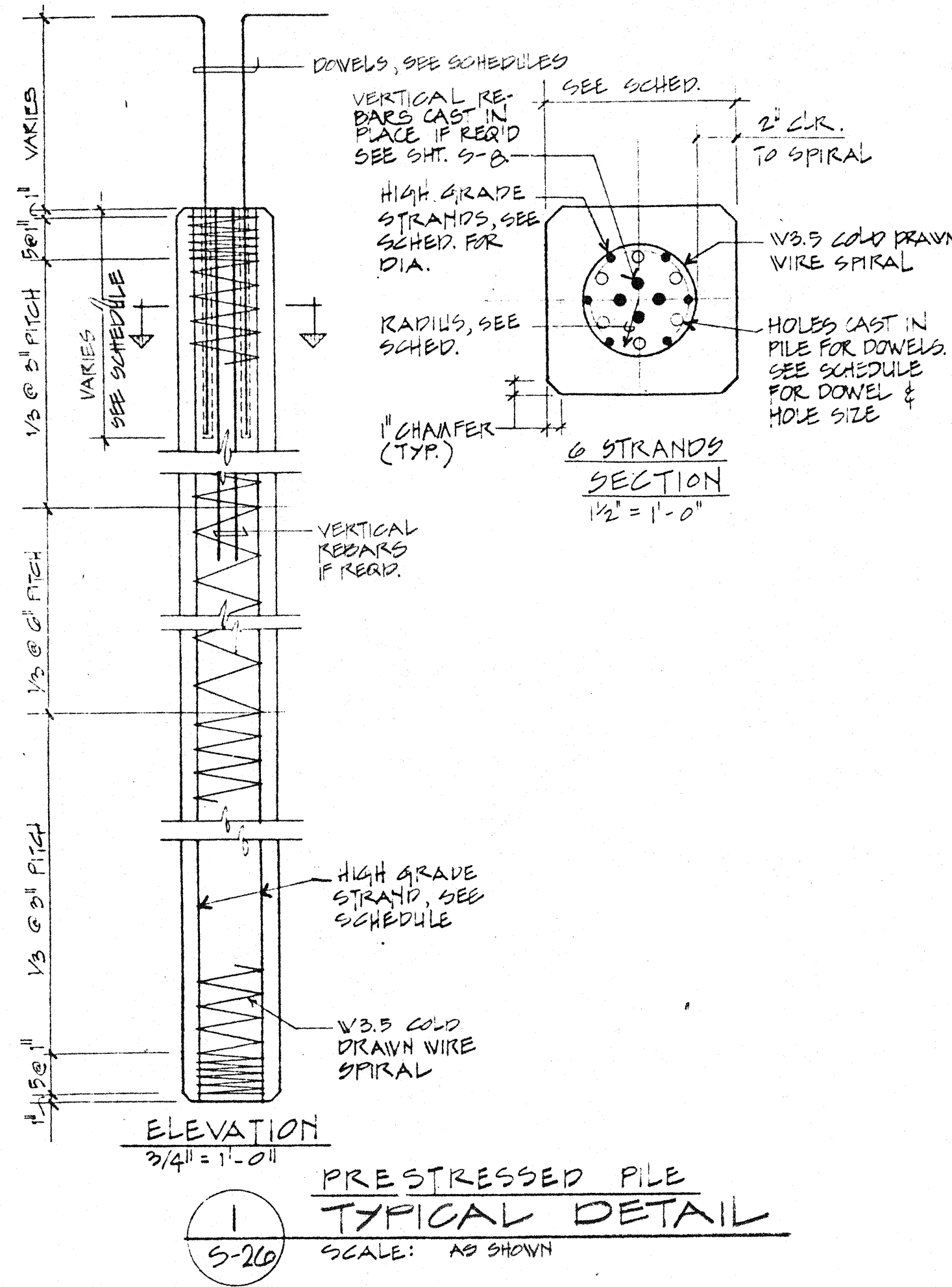
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S-25
PAGE 57 OF 96 PAGES

PILE NOTES

- ALL PILES SHALL BE DRIVEN TO THE MINIMUM DEPTH AS SHOWN IN THE PLANS BUT MAY BE INCREASED AS RECOMMENDED BY THE SOILS ENGINEER AND ON THE BASIS OF THE ESTABLISHED DRIVING CRITERIA.
- IT IS RECOMMENDED THAT SEVERAL INDICATOR PILES BE DRIVEN AT VARIOUS LOCATIONS ACROSS THE SITE TO ESTABLISH INSTALLATION PROCEDURES, TO VERIFY THE BEARING STRATUM CONTOURS, AND TO ASSIST IN ESTABLISHING PILE DRIVING CRITERIA. THE LENGTH OF THE INDICATOR PILES ARE TO BE DETERMINED BY THE SOILS ENGINEER. AFTER THE INDICATOR PILES HAVE BEEN DRIVEN, THE LENGTHS OF THE PRODUCTION PILES SHALL BE DETERMINED AND CAST. INDICATOR PILES MAY BE ACTUAL FOUNDATION PILES IN THEIR FINAL LOCATION.
- THE ALIGNMENT OF THE PILES FROM THAT SET ON THE DRAWINGS SHALL NOT DIFFER BY MORE THAN 5%. PULLING PILES INTO LOCATION SHALL NOT BE PERMITTED.
- PILES DAMAGED OR SUSPECTED OF DAMAGE SHALL NOT BE DRIVEN UNTIL INSPECTED AND APPROVED.
- SEE THE SOILS REPORT AND SPECIFICATIONS FOR ADDITIONAL DATA.
- FOR CONCRETE USED IN MANUFACTURING PRESTRESSED PILES, USE:

TYPE II CEMENT
 $f'c = 6000$ PSI @ 28 DAYS
 $f'c = 4000$ PSI @ TRANSFER
 AGGREGATE: HEALDSBURG 1" MAXIMUM
 STEAM CURE AS PER STATE OF CALIFORNIA STANDARD SPEC 90.7.04
 PRESTRESSING TENDONS TO CONFORM TO ASTM A416, GRADE 270

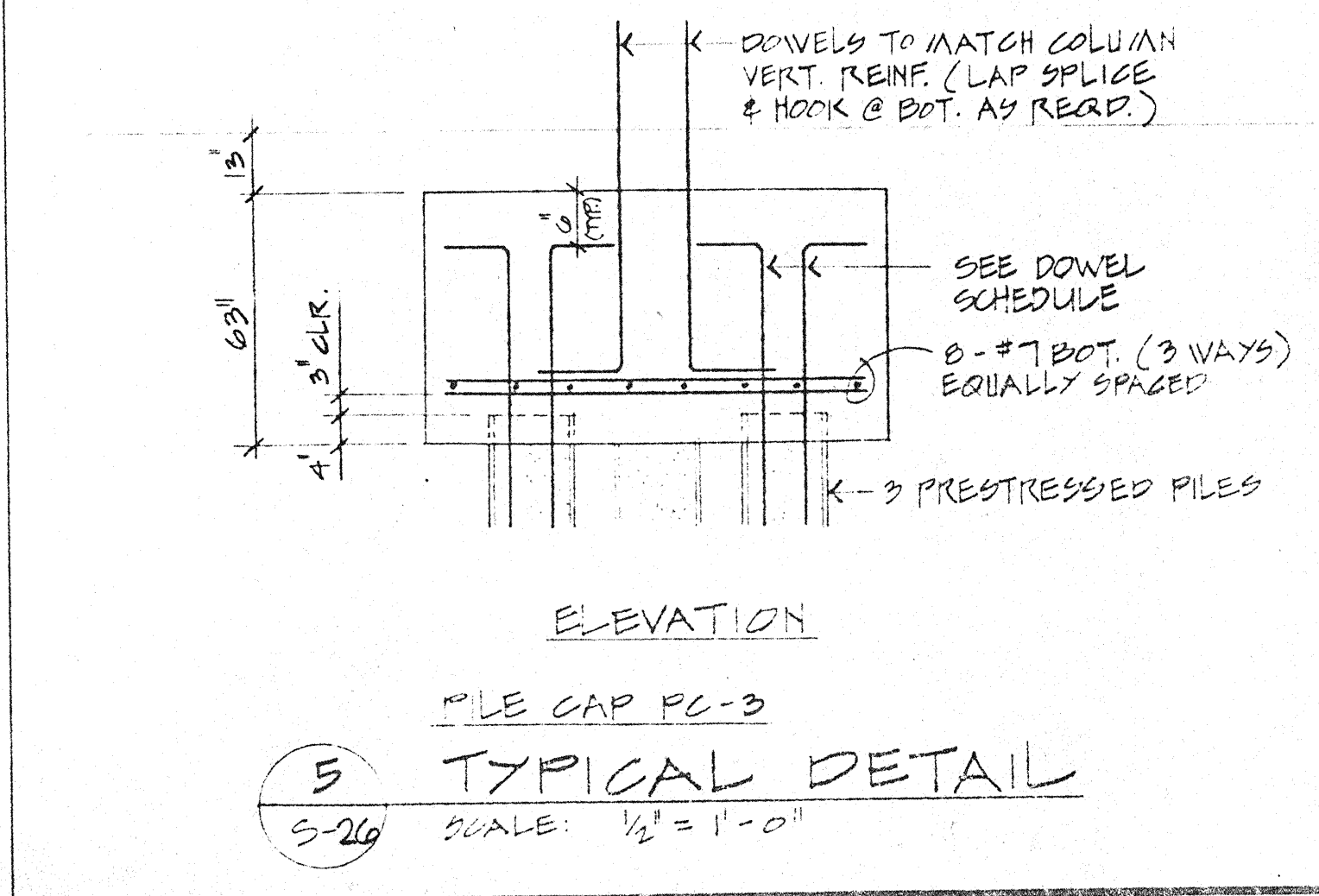
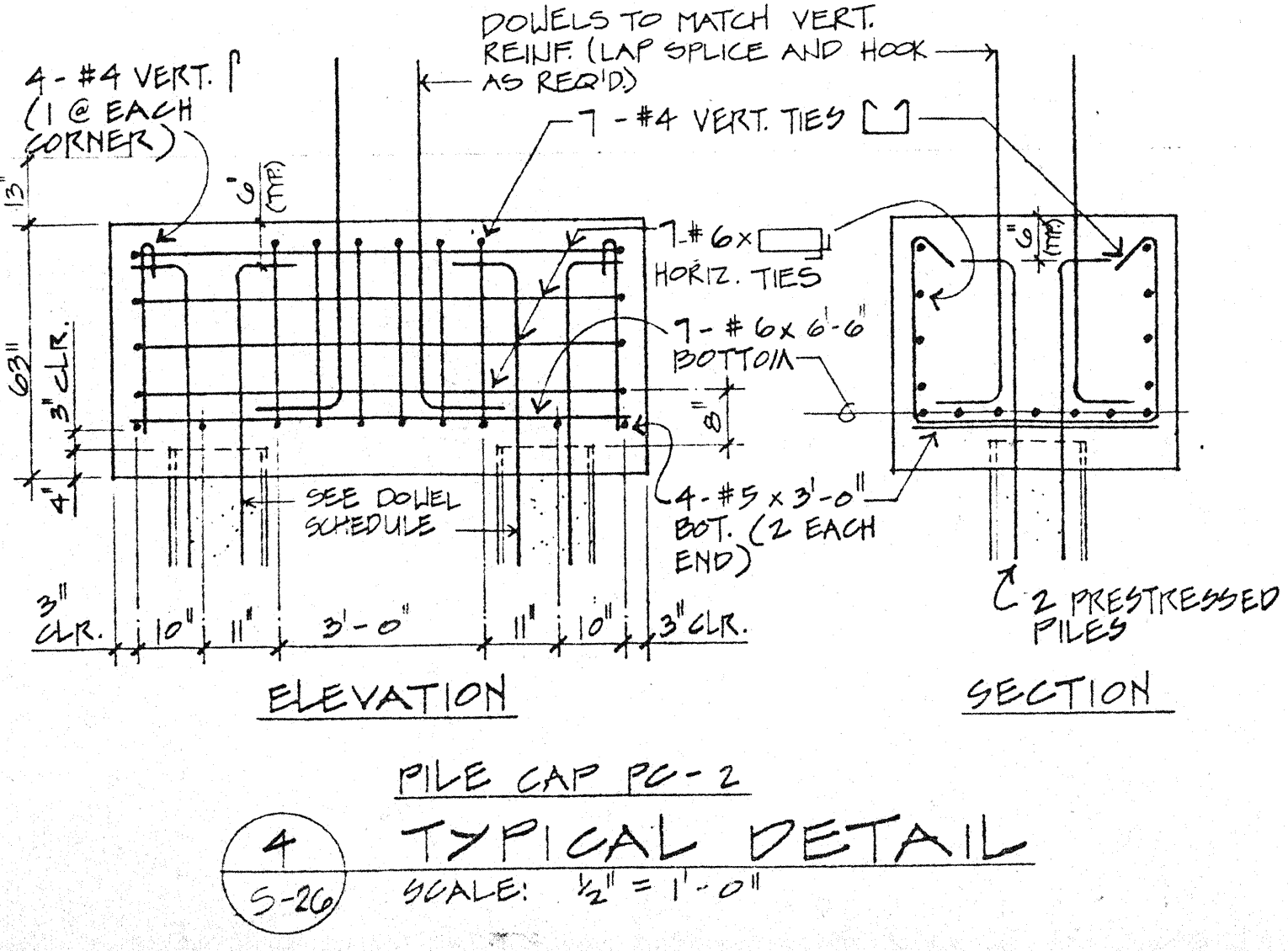
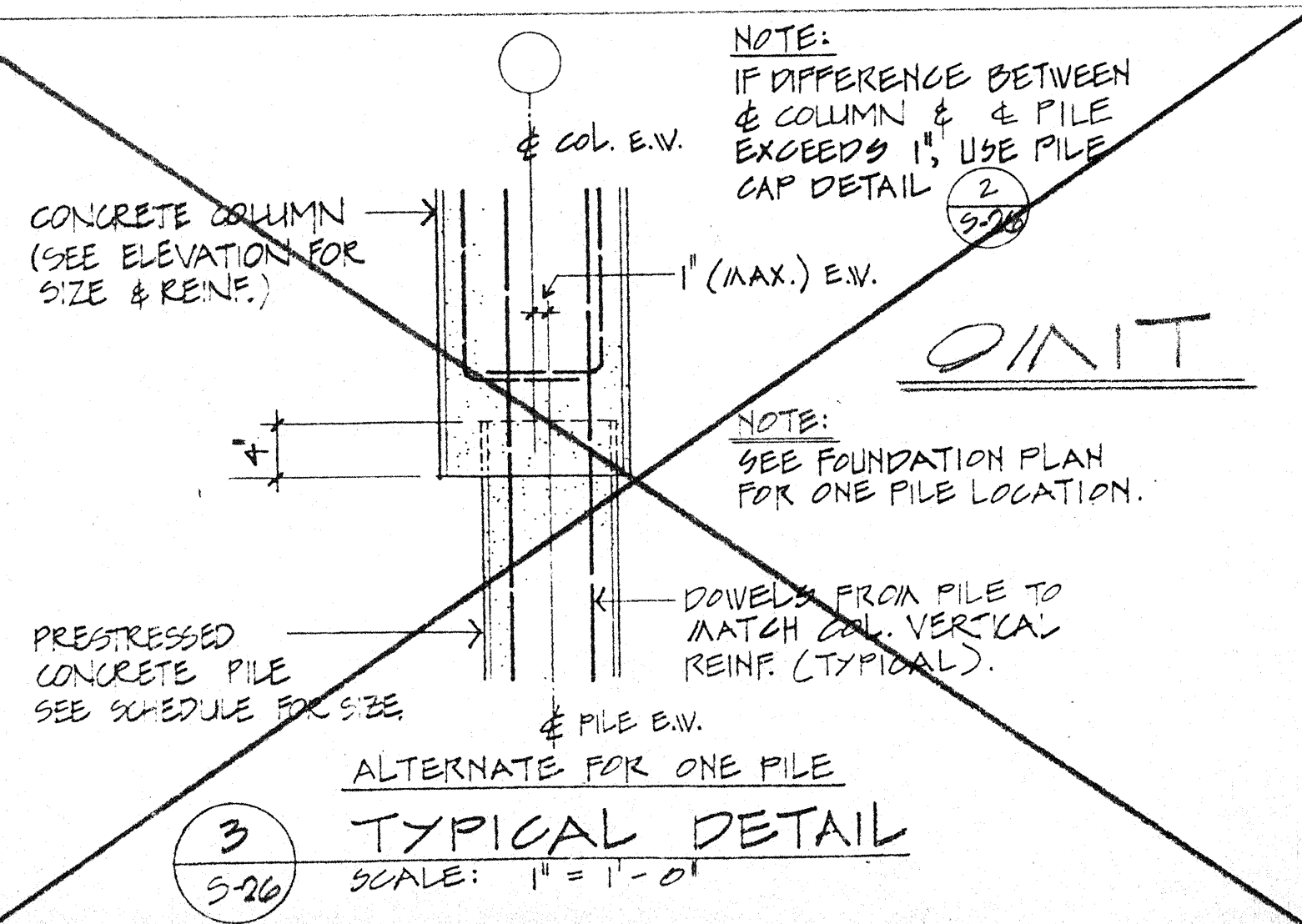
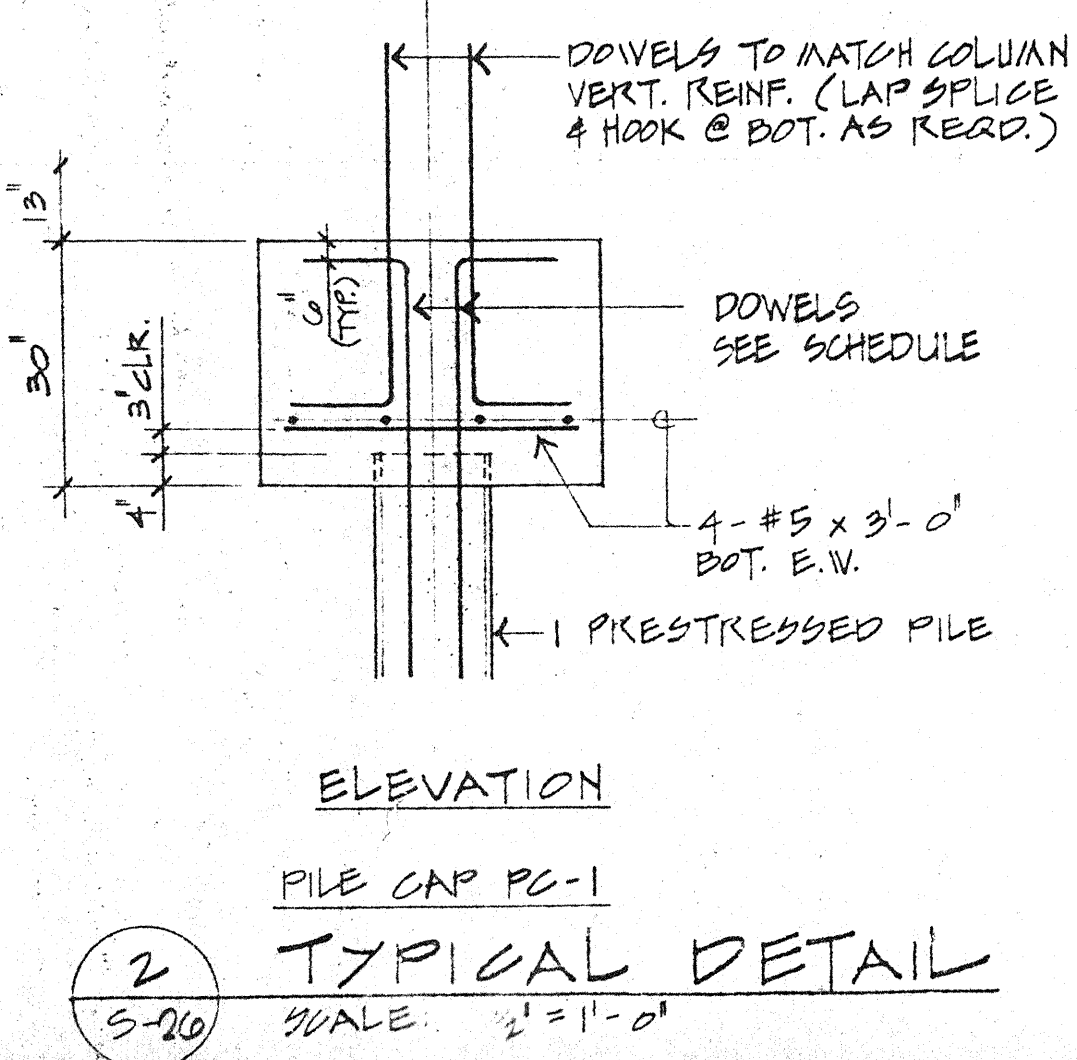
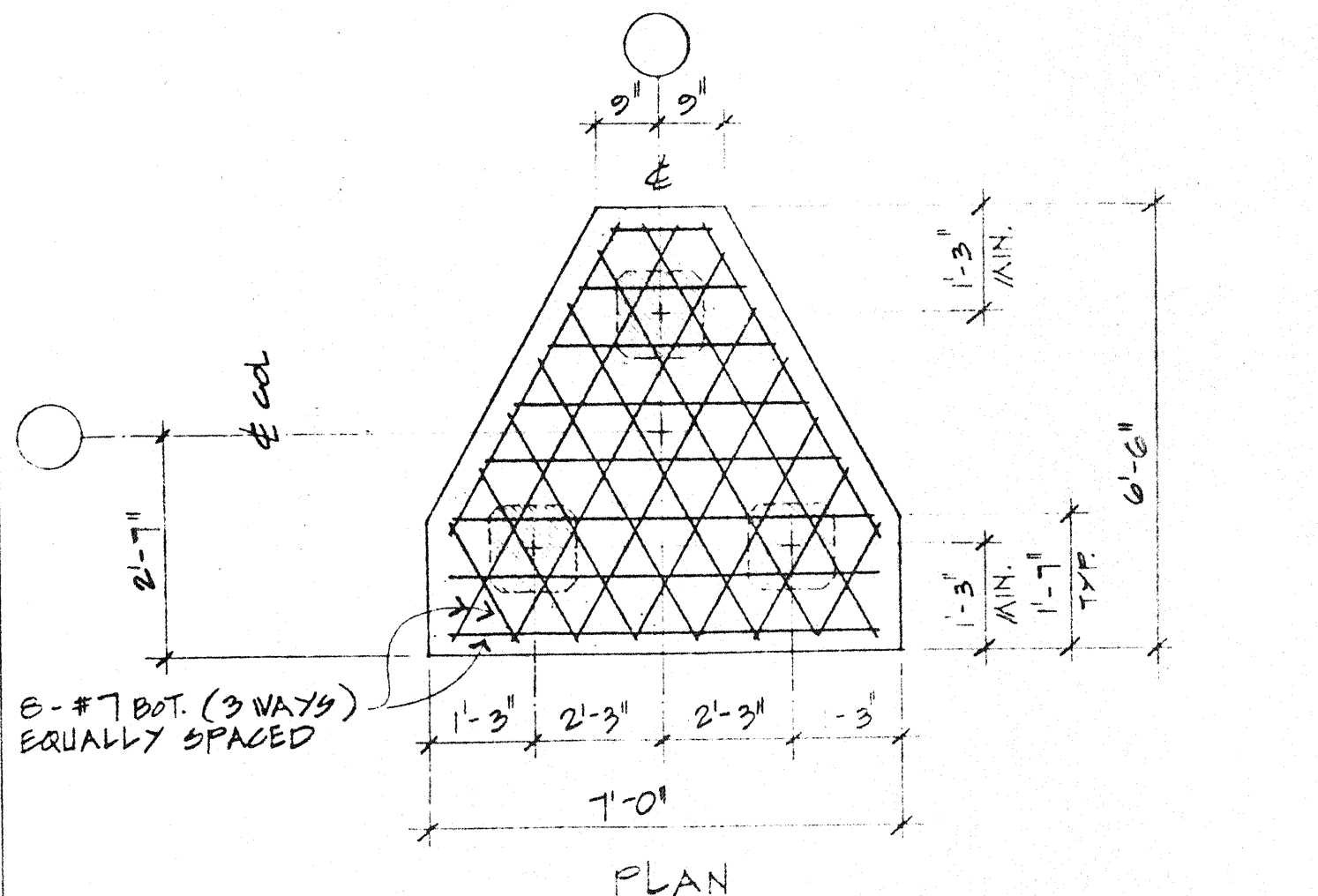
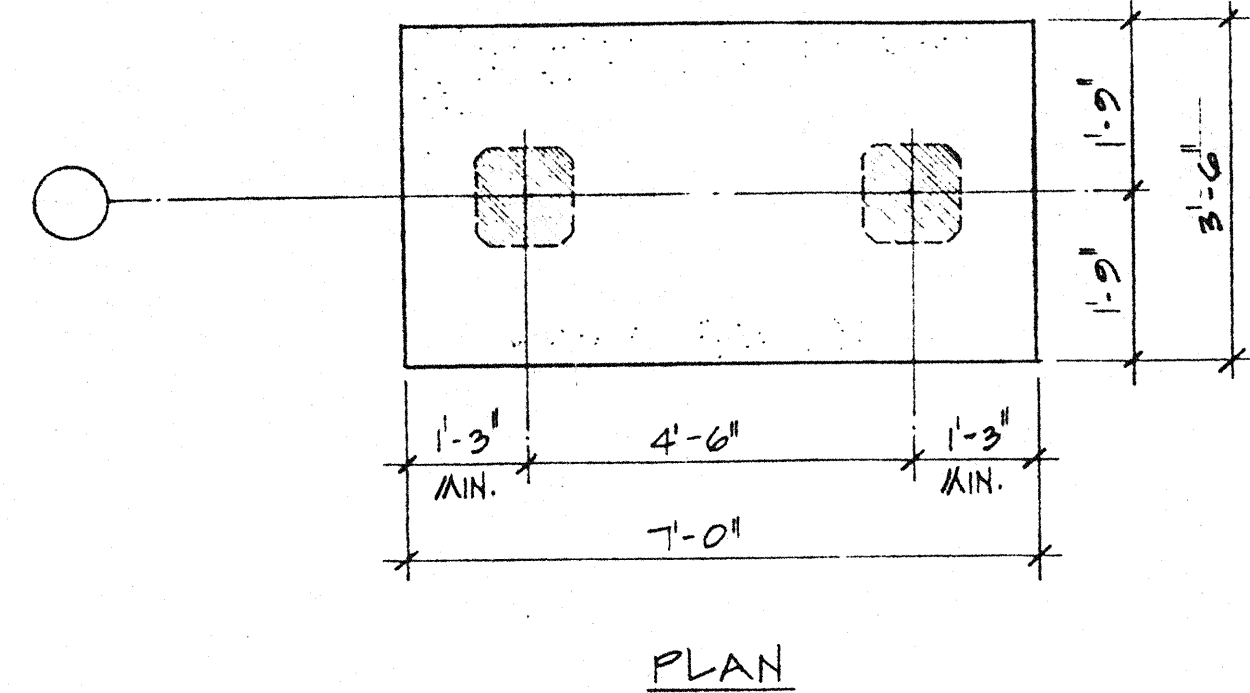
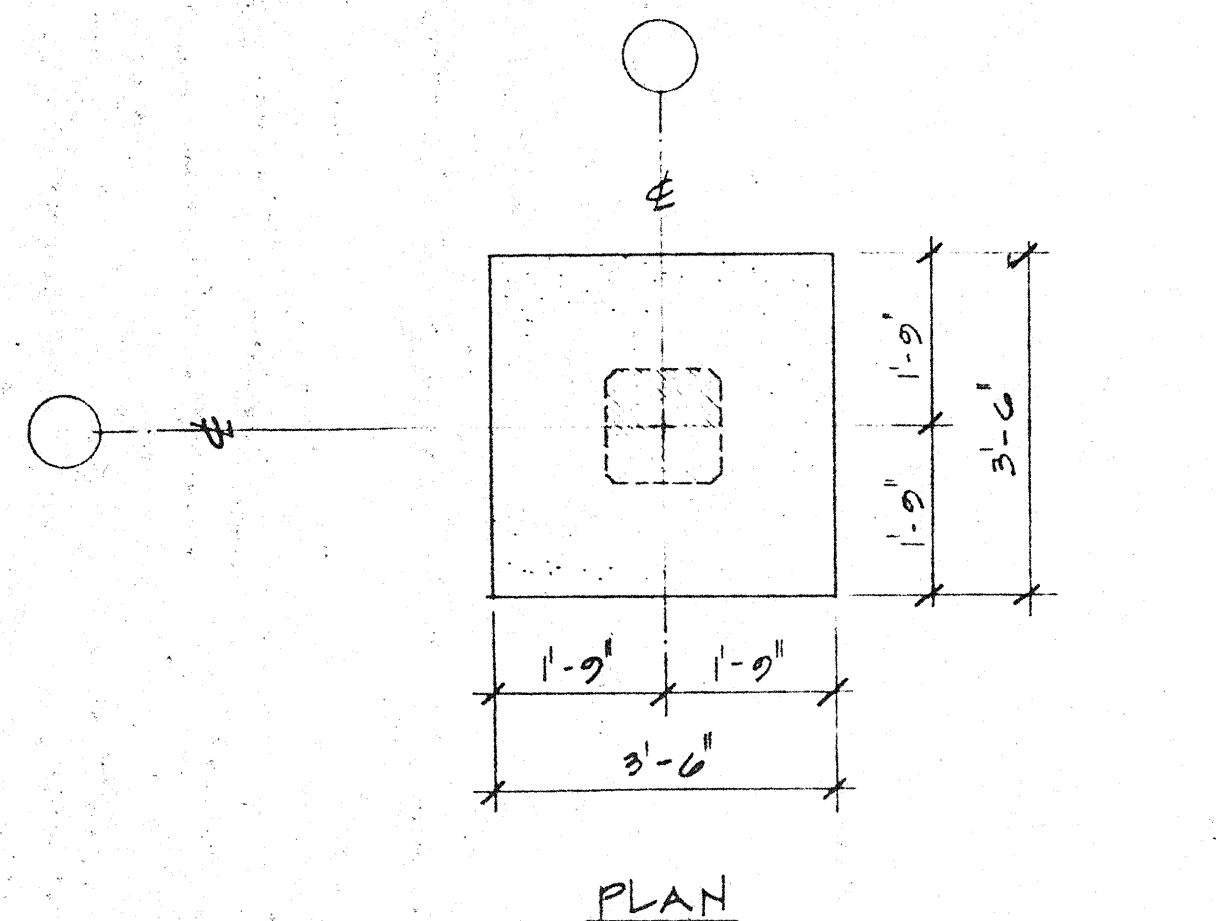


PILE SCHEDULE		
TYPE	P-1	P-2
SIZE	14' x 14'	12' x 12'
DIAMETER OF STRAND	1/2"	7/16"
NUMBER OF STRANDS	6	6
SPIRAL RADIUS	4 9/16"	3 13/16"
JACKING FORCE	28.91 K/ST.	22.6 K/ST.
WORKING FORCE	148.8 K	111.6 K
EFFECTIVE PRESTRESS	767 P.S.I.	785 P.S.I.
ALLOWABLE LOAD (ULT.)	570 K	420 K
DESIGN LENGTH	SEE SCHEDULE	-
DESIGN D.L. + L.L.	300 K	260 K

PILE GROUP SCHEDULE (COLUMNS ONLY)						
PILE GROUP	NUMBER OF PILES	PILE TYPE	PILE CAP TYPE	DESIGN DL + LL	MINIMUM LENGTH	QUANTITY
PG-1	1	P-2	PC-1	134 K	23'-0"	16
PG-2	1	P-2	PC-1	260 K	43'-0"	7
PG-3	1	P-1	PC-1	300 K	43'-0"	2
PG-4	2	P-2	PC-2	411 K	35'-0"	2
PG-5	3	P-2	PC-3	649 K	36'-0"	1

- NOTES:
- REMOVE 4-#6 DOWELS (IN 1" HOLES CAST IN PILE) TYPICAL.
 - IF PILES ARE NOT DRIVEN TO FULL DEPTH, DOWELS MAY BE ELIMINATED IF THIRTY INCH (30") LENGTH OF PRESTRESSED STRANDS ARE LEFT EXPOSED.
 - MINIMUM LENGTH IS MEASURED FROM BOTTOM OF PILE CAP TO BOTTOM OF PILE.
 - SOILS ENGINEER TO DETERMINE FINAL PILE LENGTHS FROM DRIVING CRITERIA.
 - LENGTHS SHOWN ON SCHEDULE DO NOT INCLUDE A REDUCTION FACTOR.

DOVEL SCHEDULE						
PILE CAP TYPE	EMBEDMENT IN PILE	DIAMETER OF HOLE	LENGTH	HOOK	REMARKS	
#6	3"	1"	VARIES	12"		
#7	3 3/8"	1 1/4"				
#8	4 1/8"	1 3/8"				
#9	5 1/8"	1 3/4"				
#10	7 1/8"	1 3/4"				



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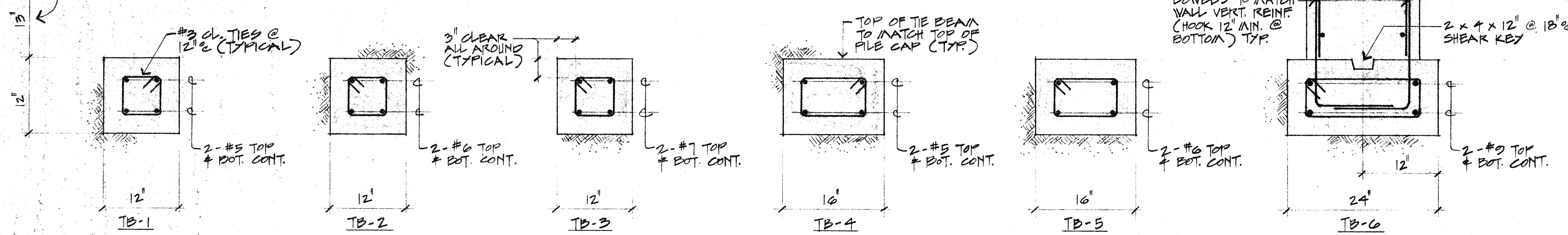
BLDG. 1
 S-26
 PAGE 58 OF 96 PAGES

THE WATERFRONT OFFICE TOWERS
 Stockton downtown redevelopment
 Weber Avenue & Lincoln Street
 Stockton, California

DATE: 15 OCTOBER 1981
 REVISED: JAN 7/82

VARIES (FROM 13" TO 6"-8") AT ELEVATOR, SEE TIE BEAMS WITH ASTERISK (*) ON FOUNDATION PLAN, SHEET S-22.

FIRST FLOOR

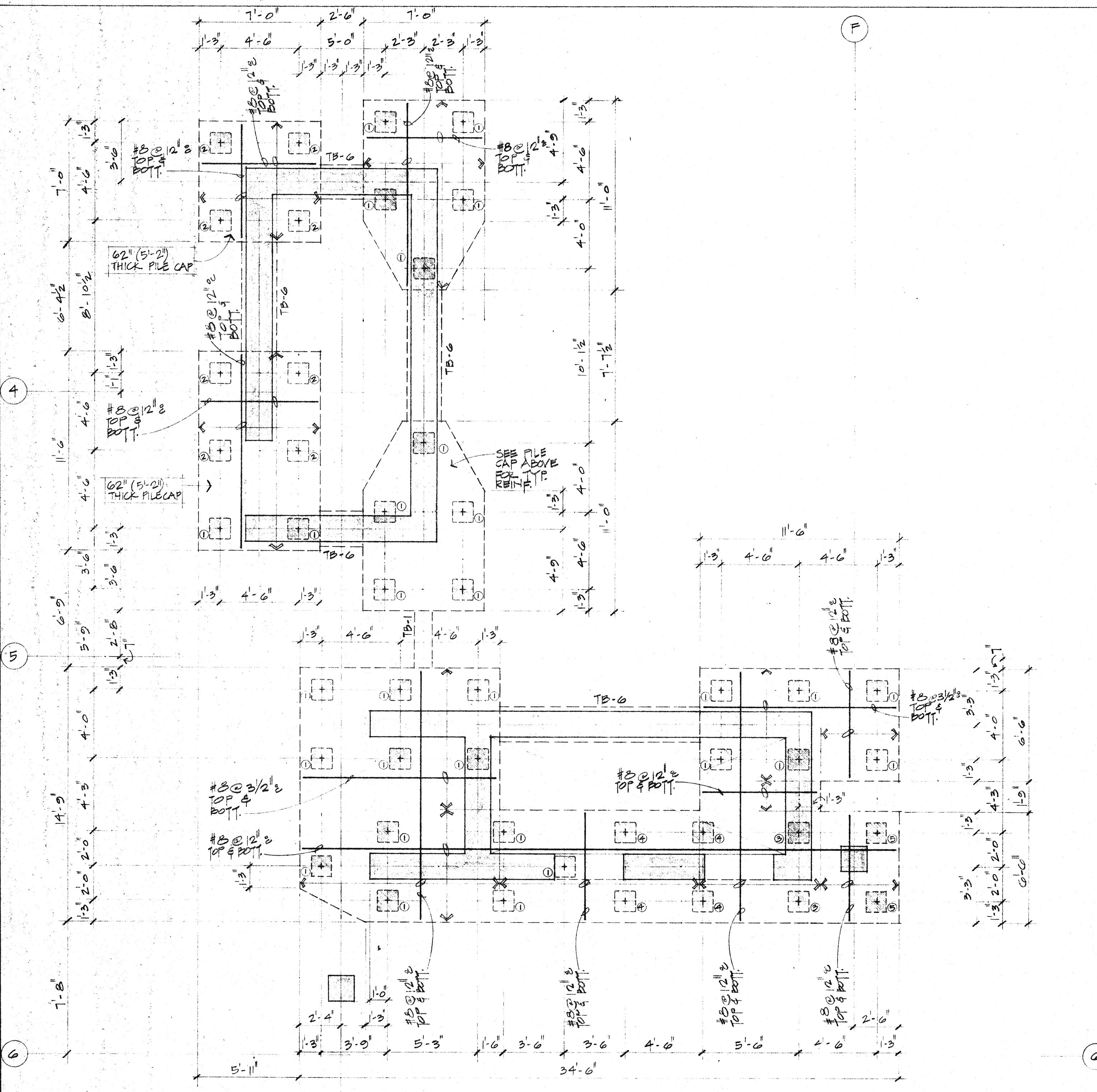


TIE BEAMS
A TYPICAL SECTIONS
9-27 SCALE: 1" = 1'-0"

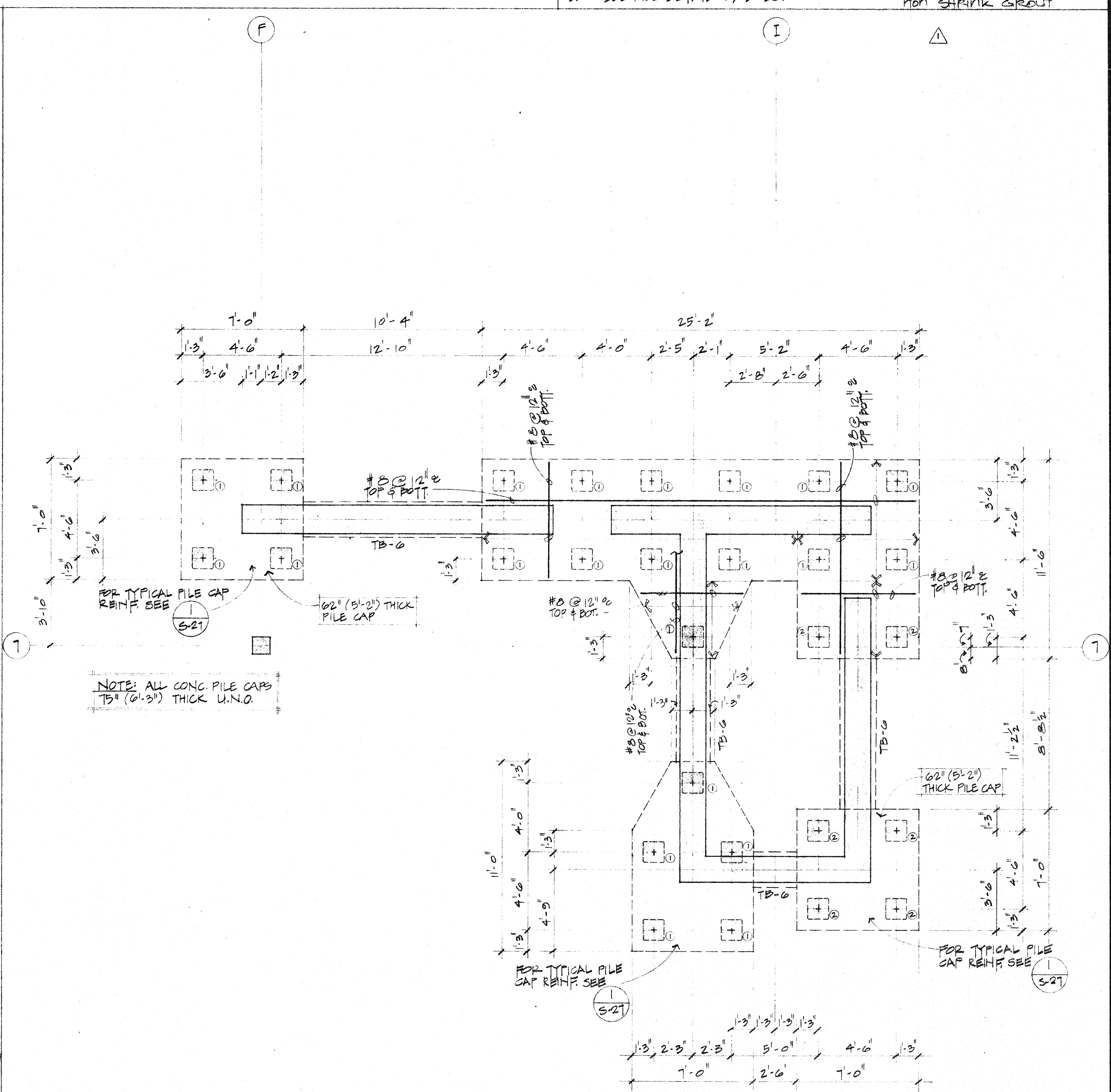
SHEAR WALL PILE SCHEDULE

TYPE	DOVELS	ADDED VERT.	NUMBER REQUIRED	REMARKS
1	6-#10	2-#9 x 17'-0" 2-#9 x 10'-0"	52	
2	6-#9	2-#7 x 17'-0" 2-#7 x 10'-0"	14	
3	4-#9	-	2	
4	4-#9	1-#6 x 17'-0"	4	
5	4-#6	-	2	

NOTES:
1. PILES ARE TYPE P-1, SEE "PILE SCHEDULE" ON SHEET S-26.
2. MINIMUM LENGTH OF PILES IS FORTY THREE FEET (43'-0")
3. DESIGN LOADS ARE AS FOLLOWS:
DL + LL 300K
DL + LL + E.Q. 400K
UPLIFT 300K
4. SEE "DOVEL SCHEDULE" ON SHEET S-26. G. GROUT ALL DOVELS WITH NON SHRINK GROUT
5. SEE PILE DETAIL 1/S-26.



PILE CAPS (46 PILES)
1 PLAN DETAIL
9-27 SCALE: 1/4" = 1'-0"



PILE CAPS (28 PILES)
2 PLAN DETAIL
9-27 SCALE: 1/4" = 1'-0"

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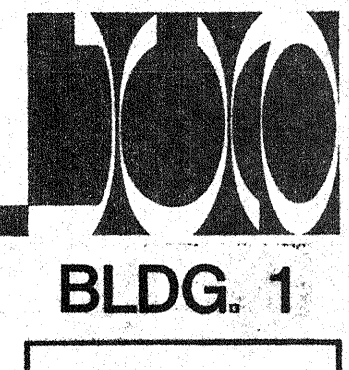
DATE 15 OCTOBER 1981
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JAN 7 / 82

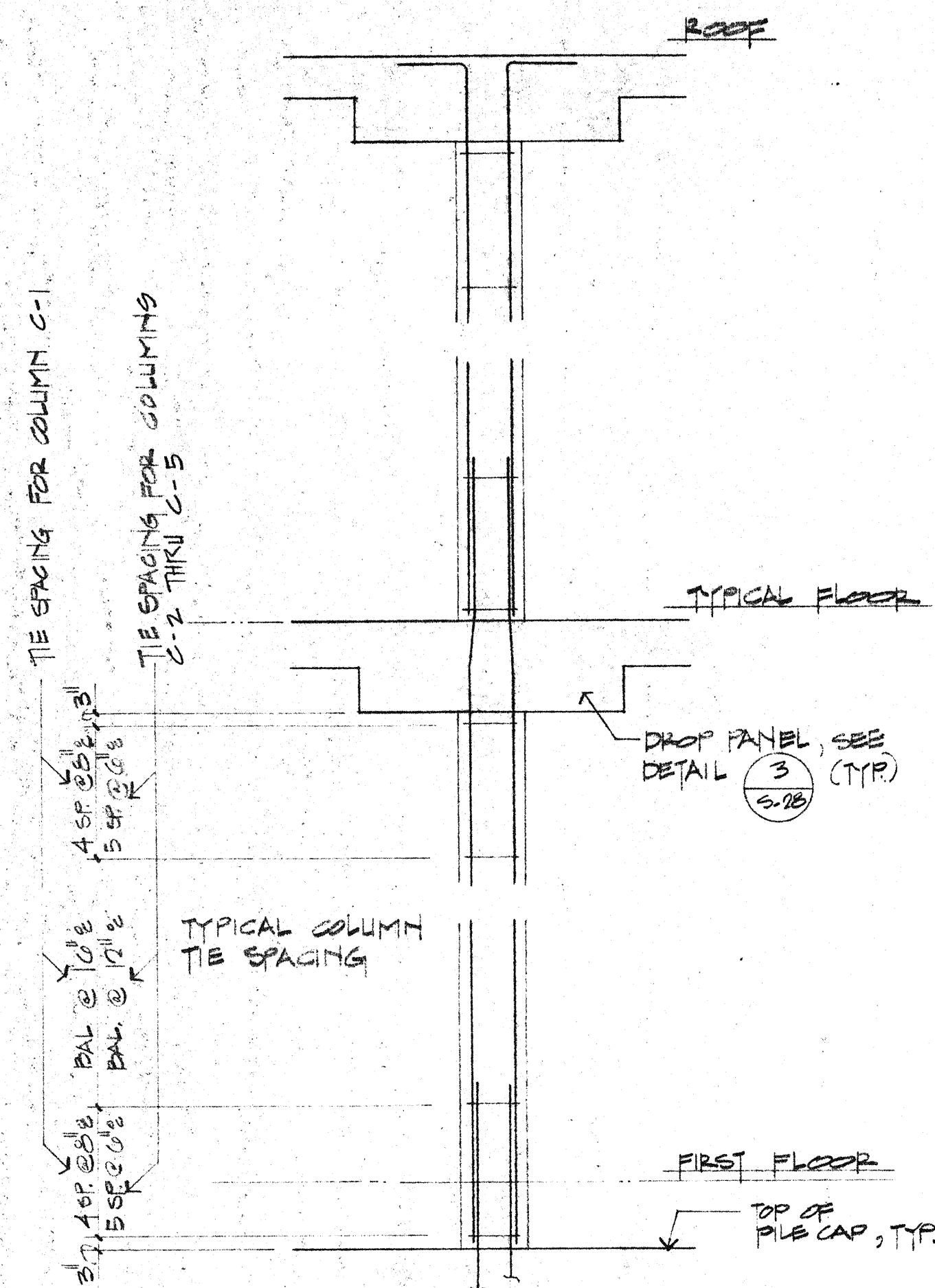
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NO. 25125
CIVIL
STATE OF CALIFORNIA

THE WATERFRONT OFFICE TOWERS
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weber avenue & lincoln street
stockton, california

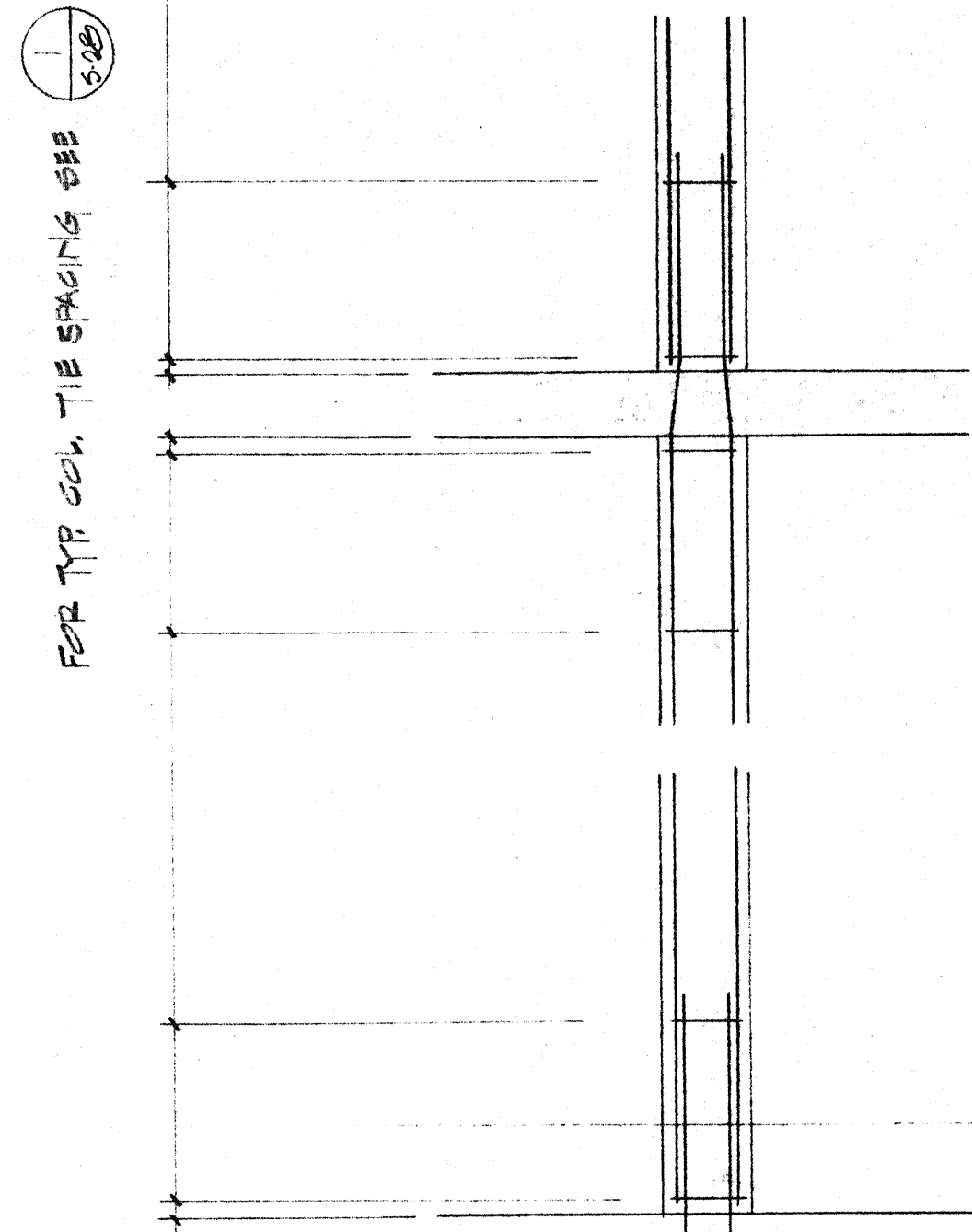
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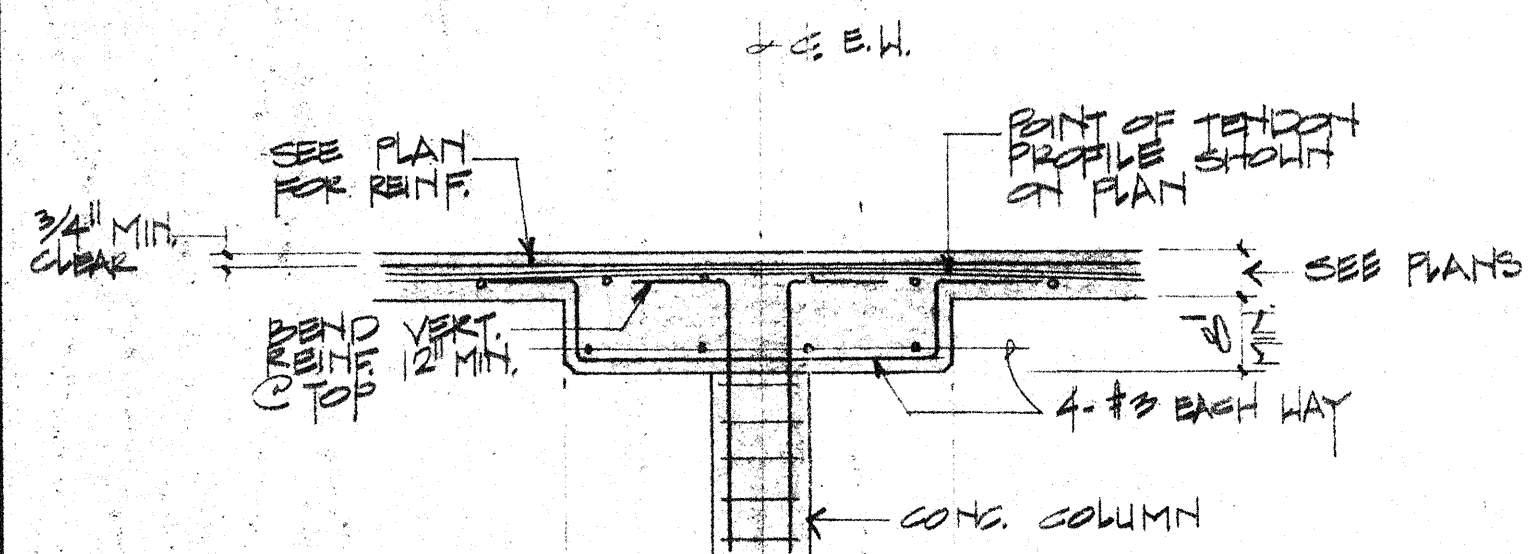




1
S.28
TYPICAL DETAIL
NO SCALE

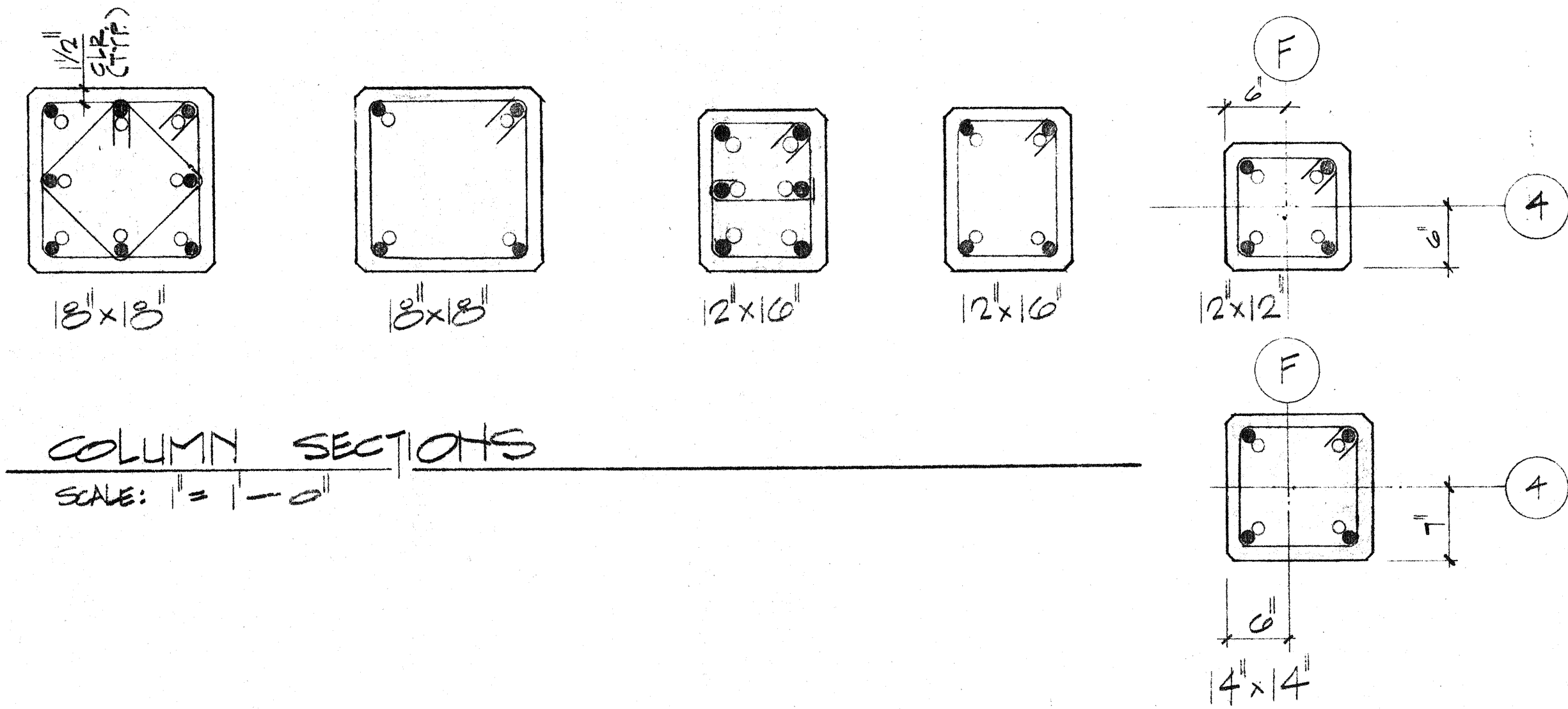


2
S.28
TYPICAL DETAIL
NO SCALE



3
S.28
TYPICAL DETAIL
SCALE: 1/2" = 1'-0"

COLUMN SCHEDULE								NOTES
LEVEL	CONCRETE STRENGTH	REINF.	(8'x13')	(12'x12')	(12'x10')	(12'x12') OR (12'x14') SEE REMARK	(12'x12')	
ROOF								
FIFTH	4 K.S.I.	VERTICAL TIE LAP SPACE	4-#5 #3 31"	4-#7 #3 24"	4-#7 #3 24"	4-#6 #3 18"	4-#7 #3 24"	
FOURTH	4 K.S.I.	VERTICAL TIE LAP SPACE						
THIRD	4 K.S.I.	VERTICAL TIE LAP SPACE		4-#8 #3 24"				
SECOND	4 K.S.I.	VERTICAL TIE LAP SPACE	8-#5 #3 31"	6-#9 #3 39"		4-#10 #3 50"		
FIRST	6 K.S.I.	VERTICAL TIE LAP SPACE	8-#5 #3 31"	6-#9 #3 39"				
		ROWELS	8-#5	6-#9	4-#7	4-#10	4-#7	
		NO. REQ'D.	3	3	14	1	3	
REMARKS			COLS @ ELEV. LONGER		12'x12' - 2ND. FLR. THRU 5TH. FLR. 14'x14' 1ST. FLR. SEE COL. SECTIONS			



COLUMN SECTIONS
SCALE: 1" = 1'-0"

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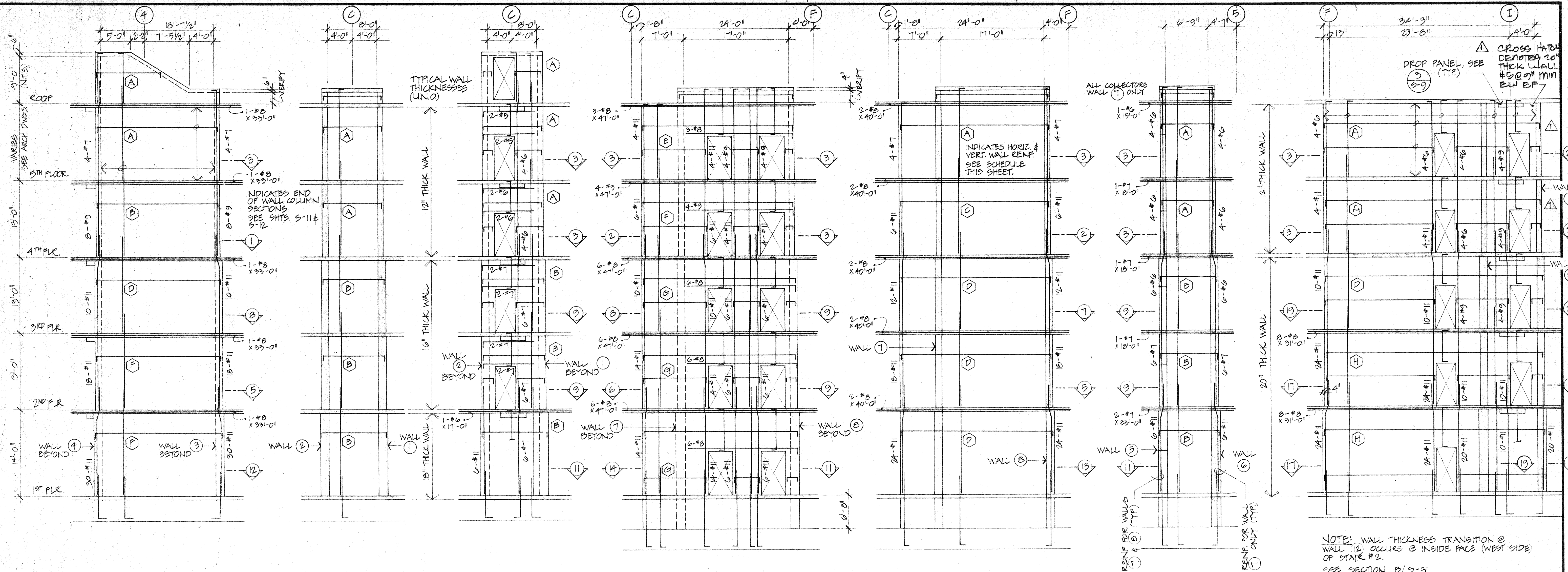
DATE: 15 OCTOBER 1981
REVISION: JAN 7 / 82

THE WATERFRONT OFFICE TOWERS
stockton downtown redevelopment
weber avenue & lincoln street
stockton, california

SCHMITZ DEVELOPMENT INC.
505 MARKET STREET
STOCKTON, CALIFORNIA 95201

Lawrence Cook
Architect
AIA 408 353-1500
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Los Gatos California 95030

BLDG. 1



WALL (1)
WALL (9) SIMILAR

WALL (3)
WALL (11) SIMILAR

WALL (4)

WALL (5)

WALL (6)

WALL (7)
WALL (8) SIMILAR

WALL (12)

STAIR #1 (STAIR #2 SIMILAR)

- STAIR #2 WALLS (9), (10) & (11)
1. OPPOSITE HAND.
 2. TERMINATES @ ROOF SLAB.
 3. DOOR OPENING WALL (10). SEE PARTIAL ELEVATION WALL (2).

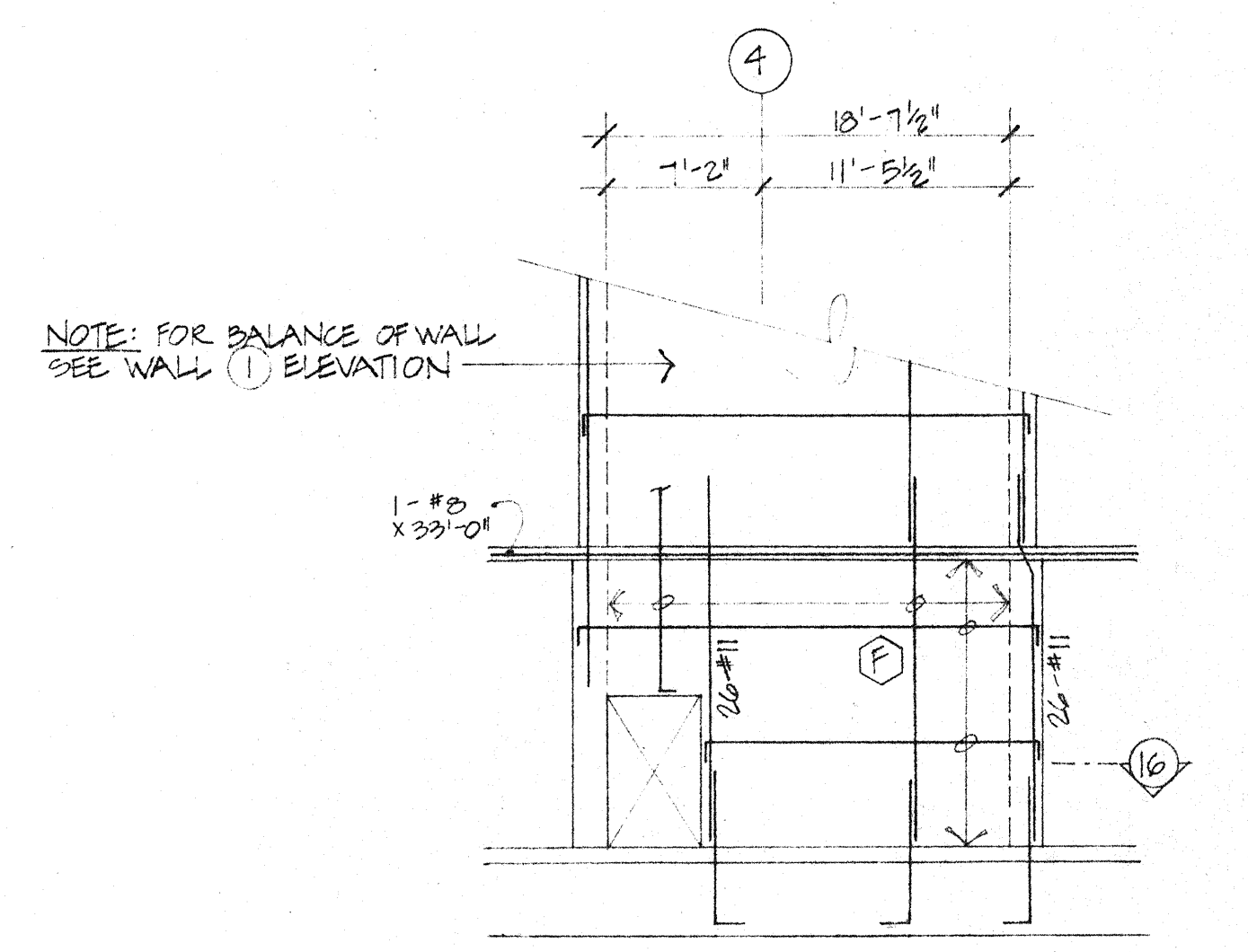
NOTE: ALL WALL THICKNESS TRANSITIONS OCCUR @ EXT. FACE (U.N.O.)
SEE SECTION A/S-12

ELEVATOR SHAFT

NOTE: VERIFY SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FIELD

(1) ELEVATION DETAILS
SCALE 1/8" = 1'-0"

HORIZ. & VERTICAL (MIN) REINFORCING		GENERAL SHEAR WALL NOTES
TYPE	BAR/SPACING	NOTES/REMARKS:
(A)	#5 @ 10" o.c.	1. ALL REINF. IS EA WAY, EA FACE U.N.O. 2. FOR DOOR LINTEL REINF. SEE SECTIONS (C) (S-31) 3. SEE DETAIL (2) (S-21) FOR WALL OPENING TRIM REINF. 4. EXTEND LINTEL REINF. A DEVELOPMENT LENGTH, L _d , BEYOND EDGE OF DOOR OPENING. 5. FOR ALL LAP SPLICE & DEVELOPMENT LENGTHS, SEE SCHEDULE SHEET S-31.
(B)	#5 @ 12" o.c.	
(C)	#6 @ 16" o.c.	
(D)	#6 @ 12" o.c.	
(E)	#7 @ 16" o.c.	
(F)	#7 @ 12" o.c.	
(G)	#8 @ 11" o.c.	
(H)	#8 @ 8" o.c.	



WALL (2)
WALL (10) SIMILAR
STAIR #1 (STAIR #2 SIMILAR)
SEE WALL (1) ELEV. FOR ADDITIONAL NOTES

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stockton, california

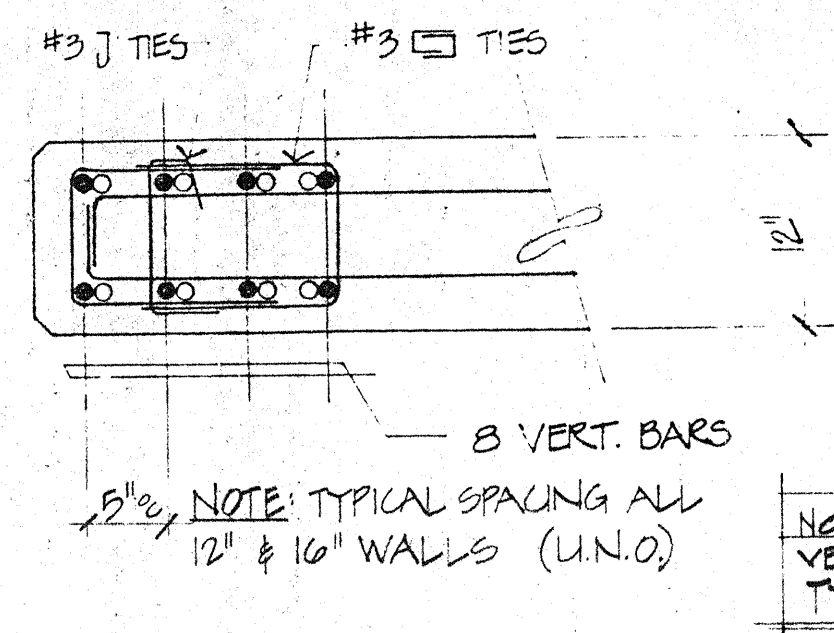
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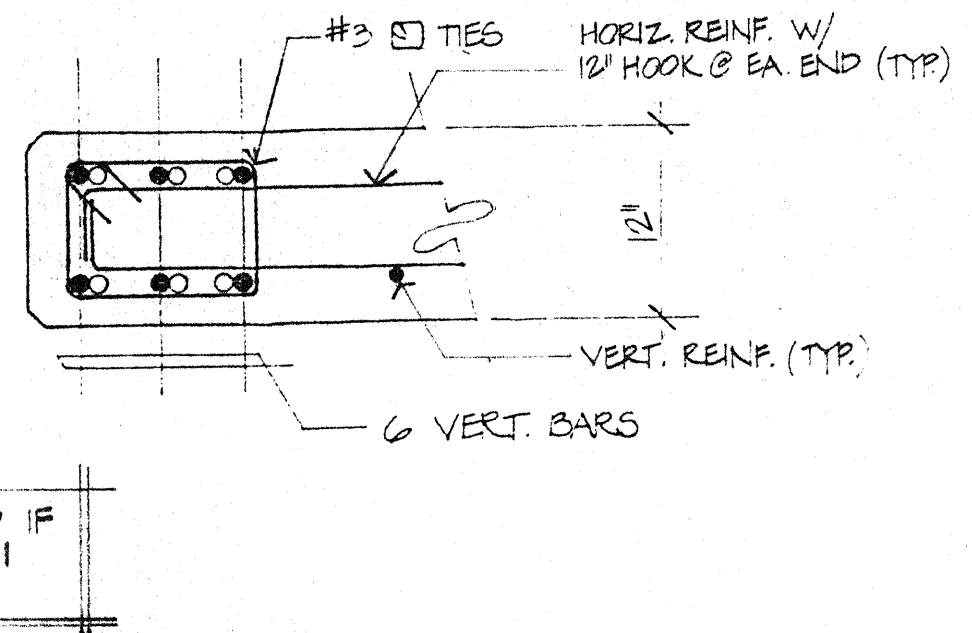
BLDG. 1

S-29

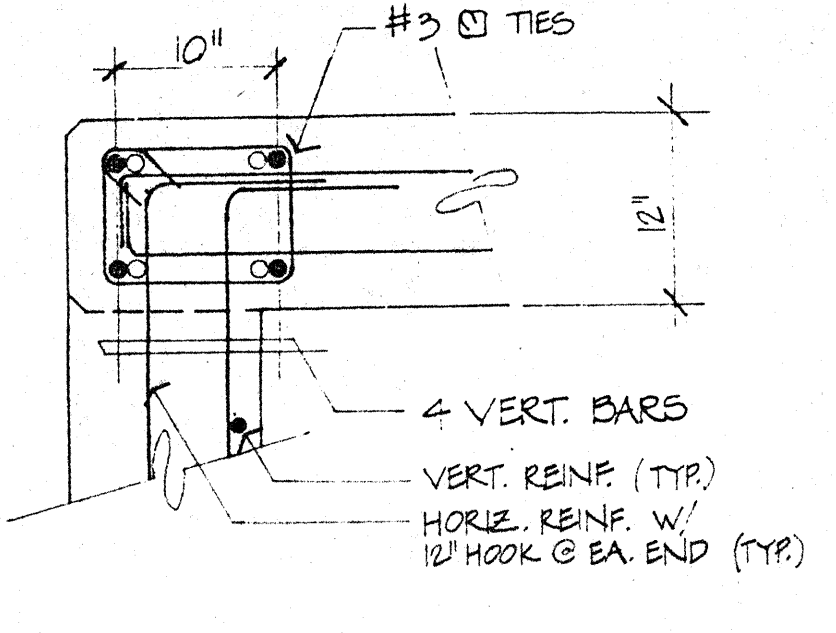
PAGE 61 OF 76 PAGES



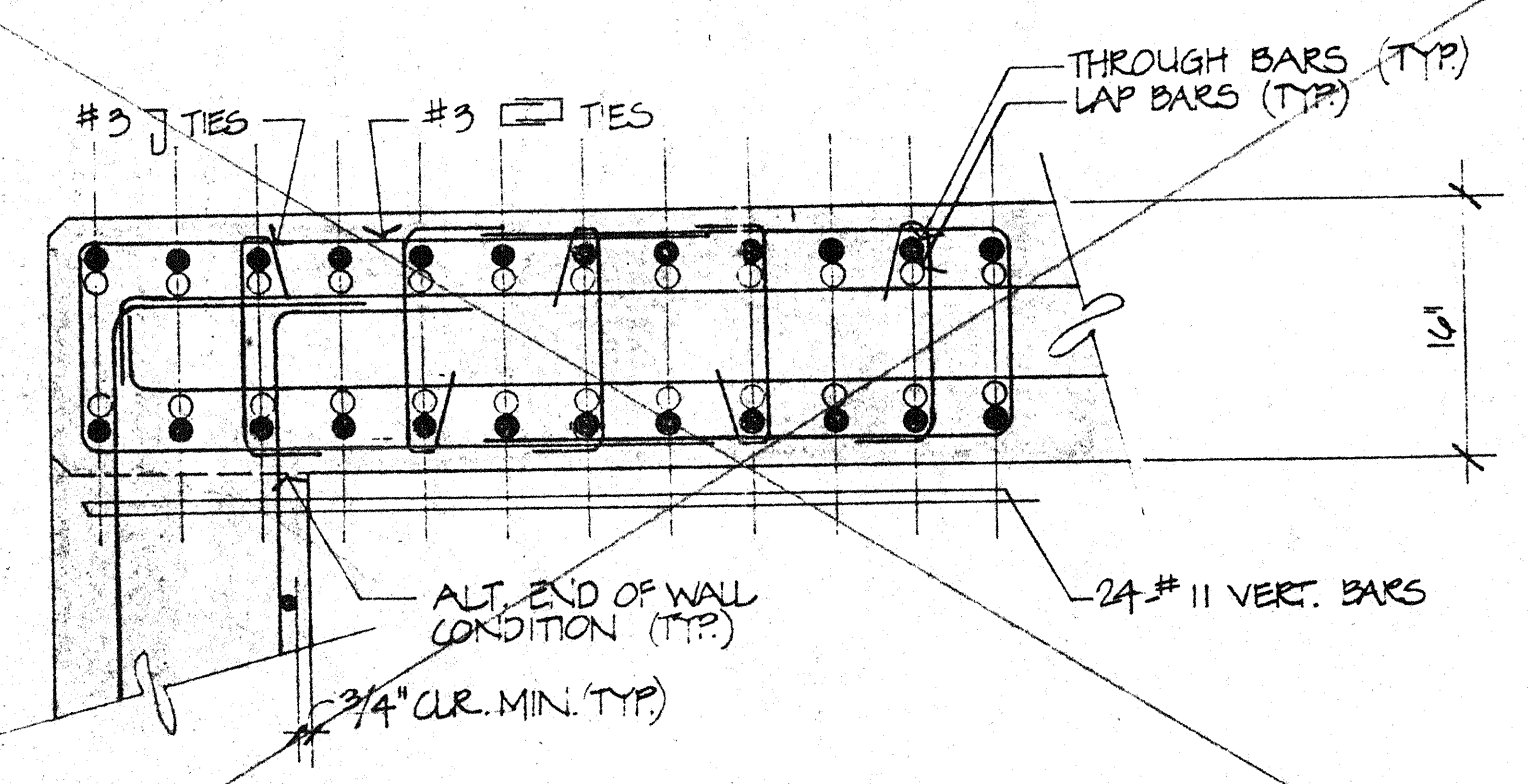
1 SECTION
SCALE 1" = 1'-0"



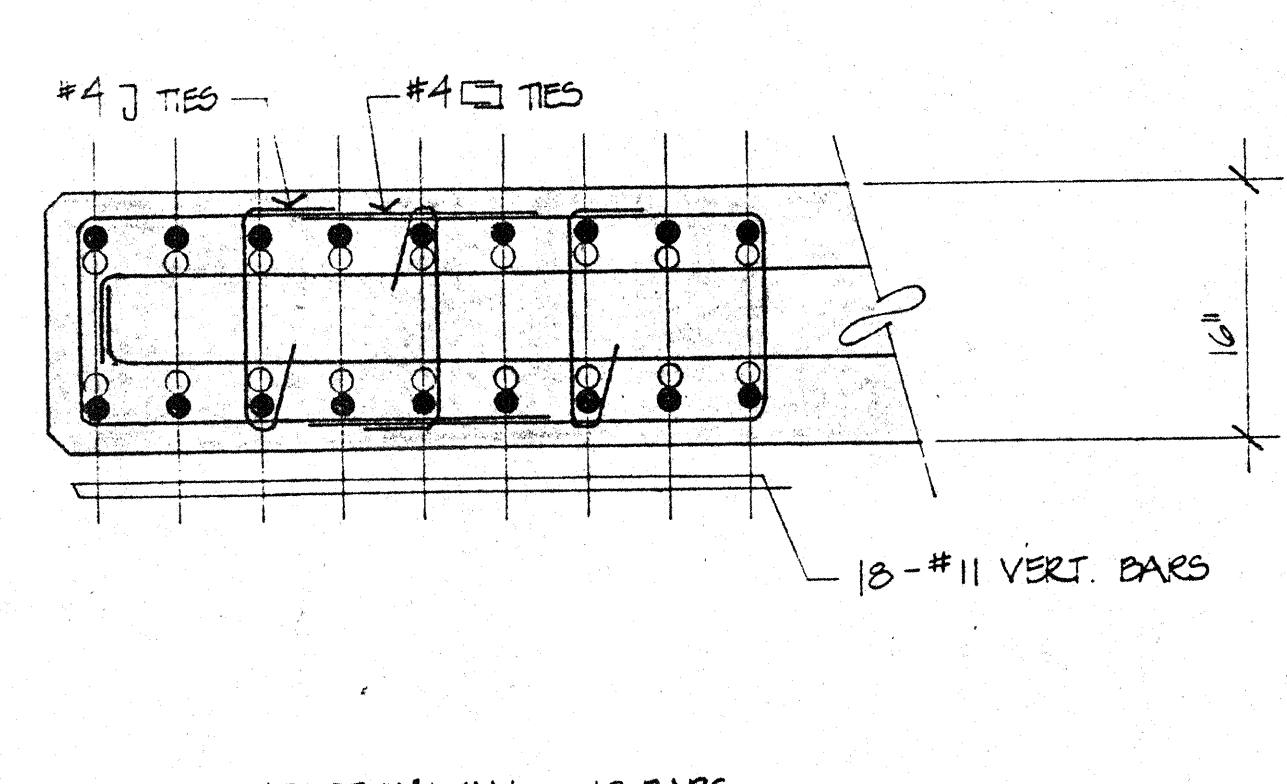
2 SECTION
SCALE 1" = 1'-0"



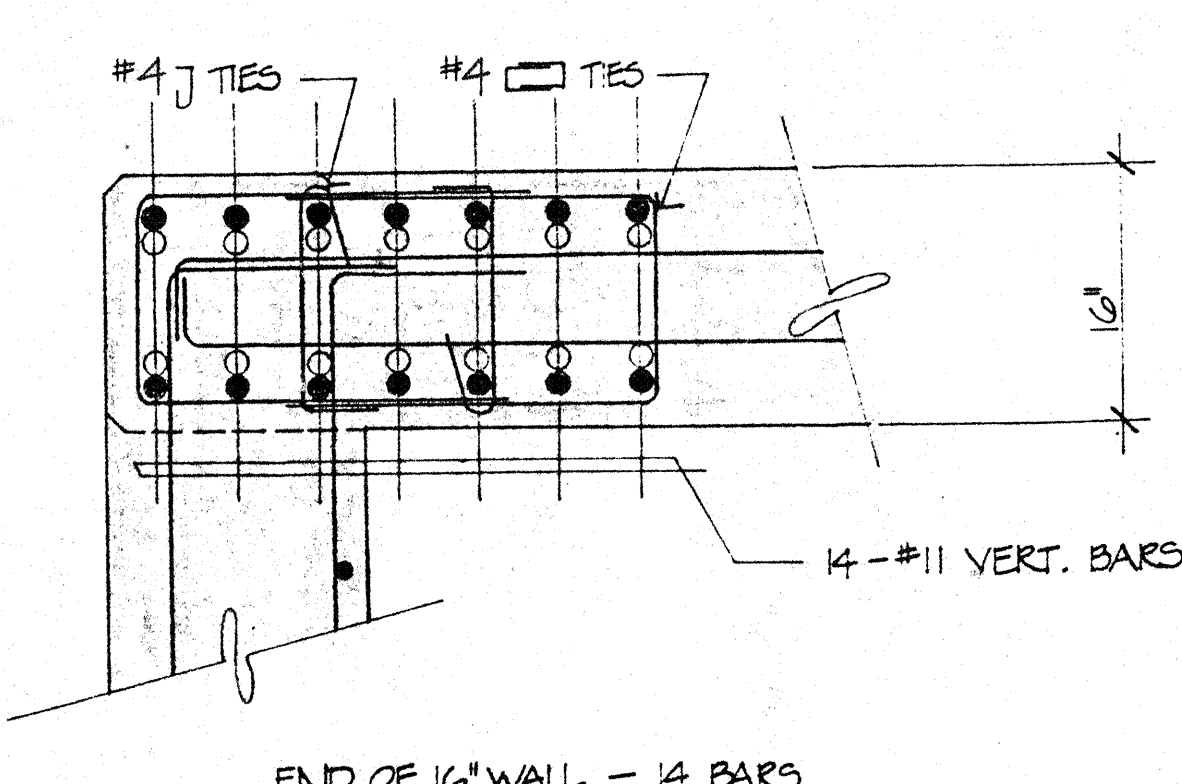
3 SECTION
SCALE 1" = 1'-0"



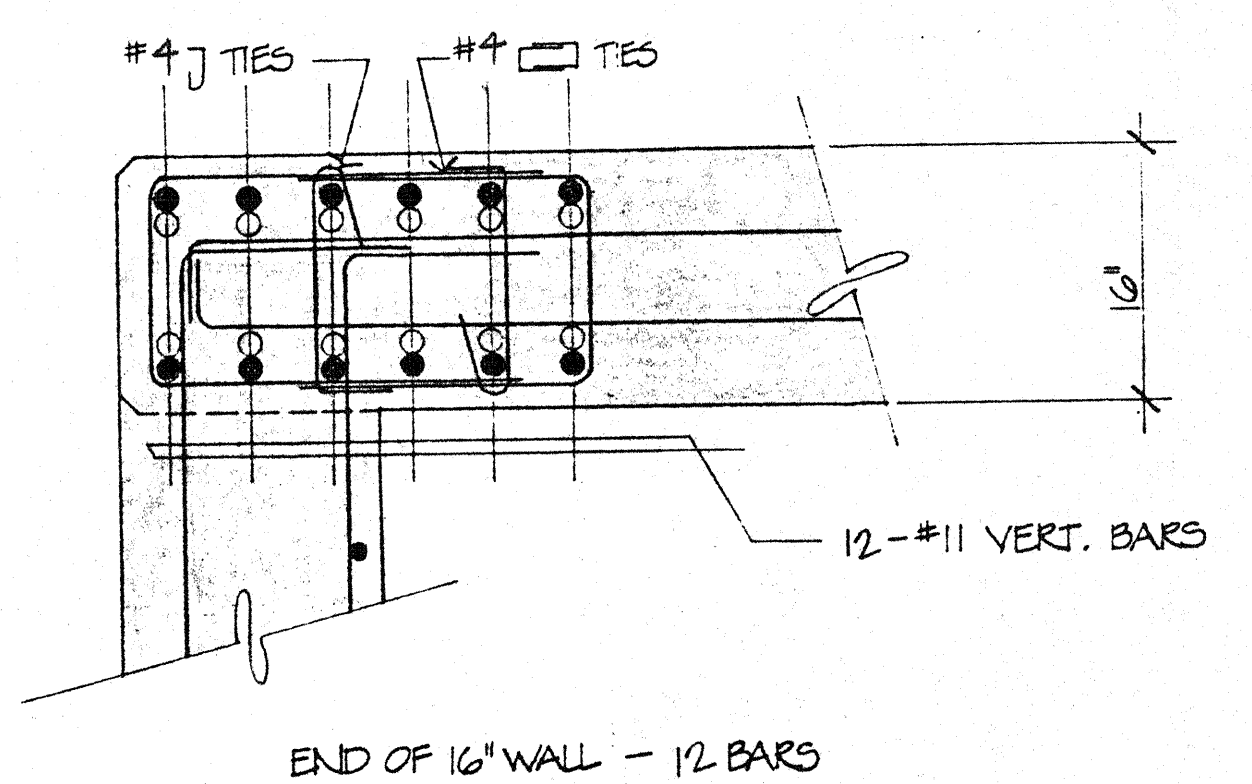
4 SECTION
SCALE 1" = 1'-0"



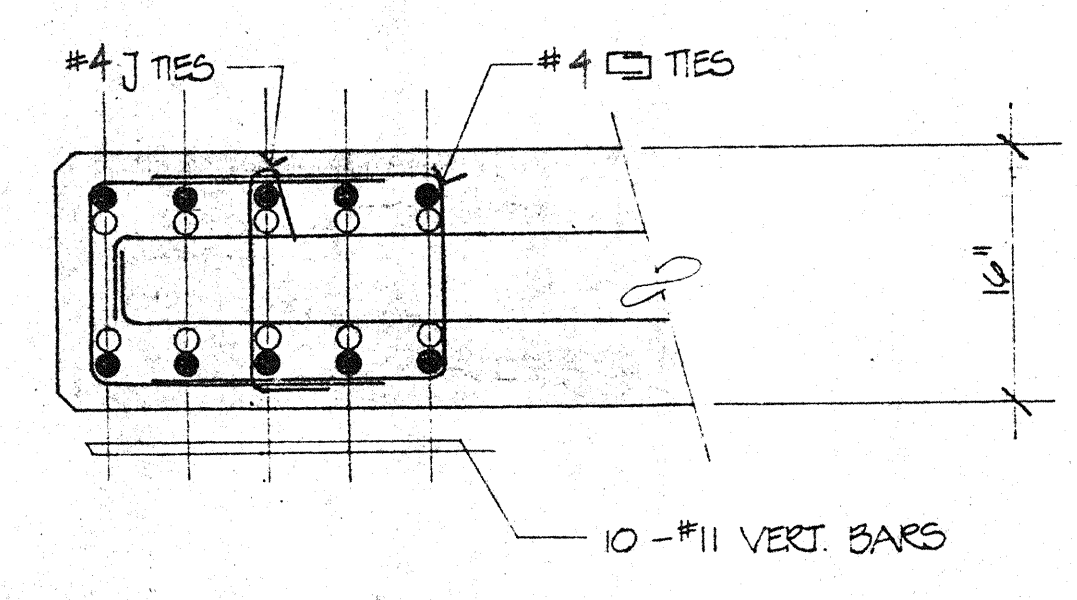
5 SECTION
SCALE 1" = 1'-0"



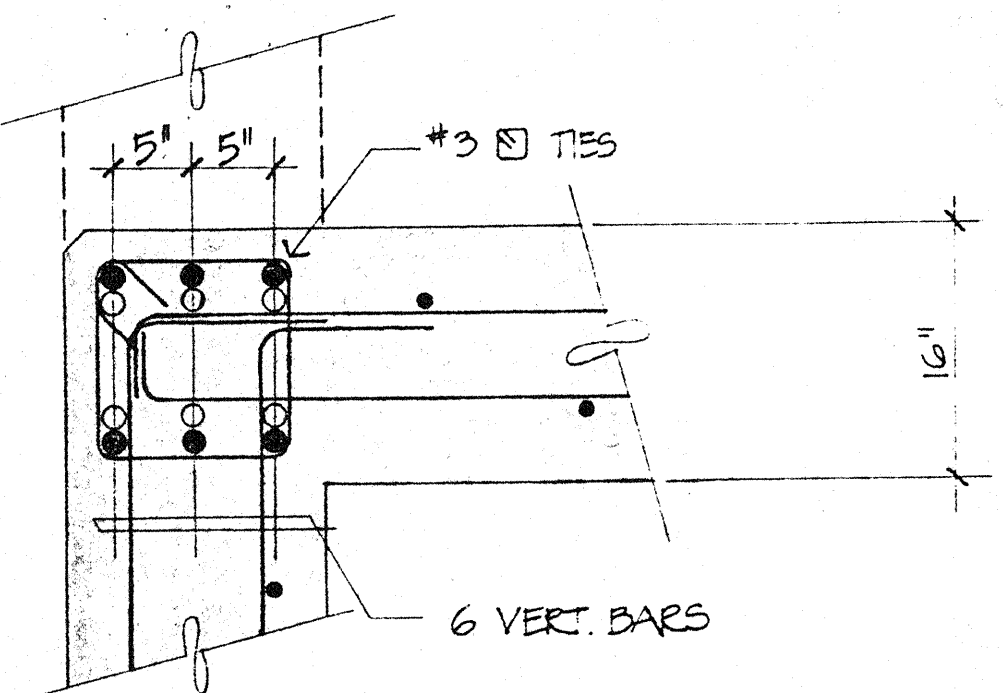
6 SECTION
SCALE 1" = 1'-0"



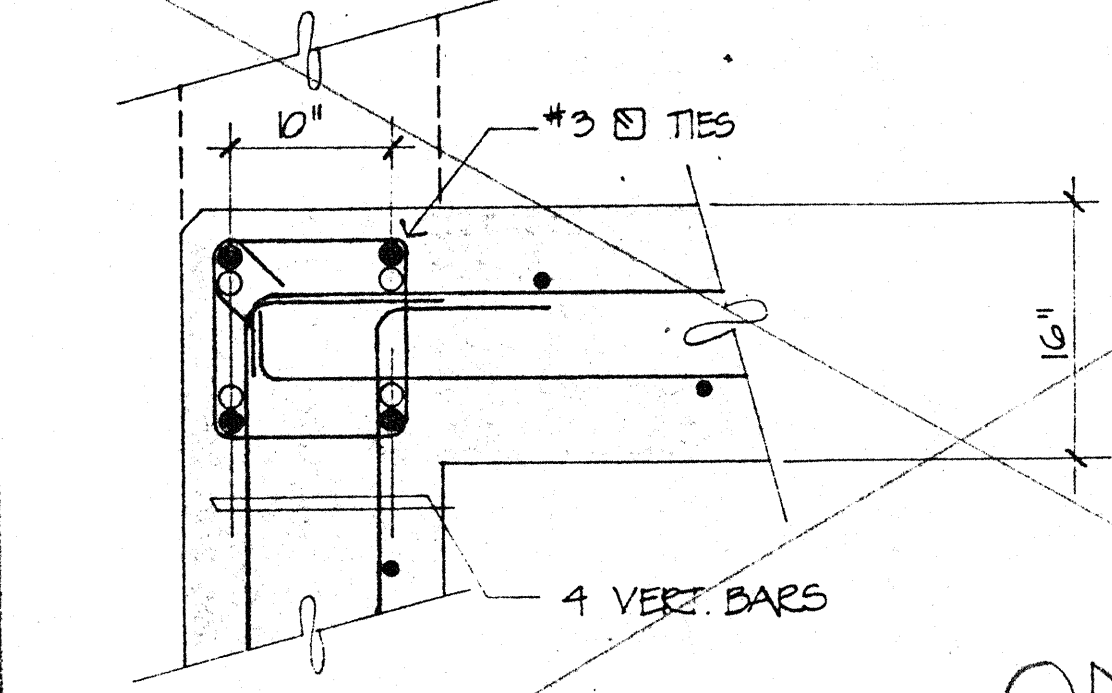
7 SECTION
SCALE 1" = 1'-0"



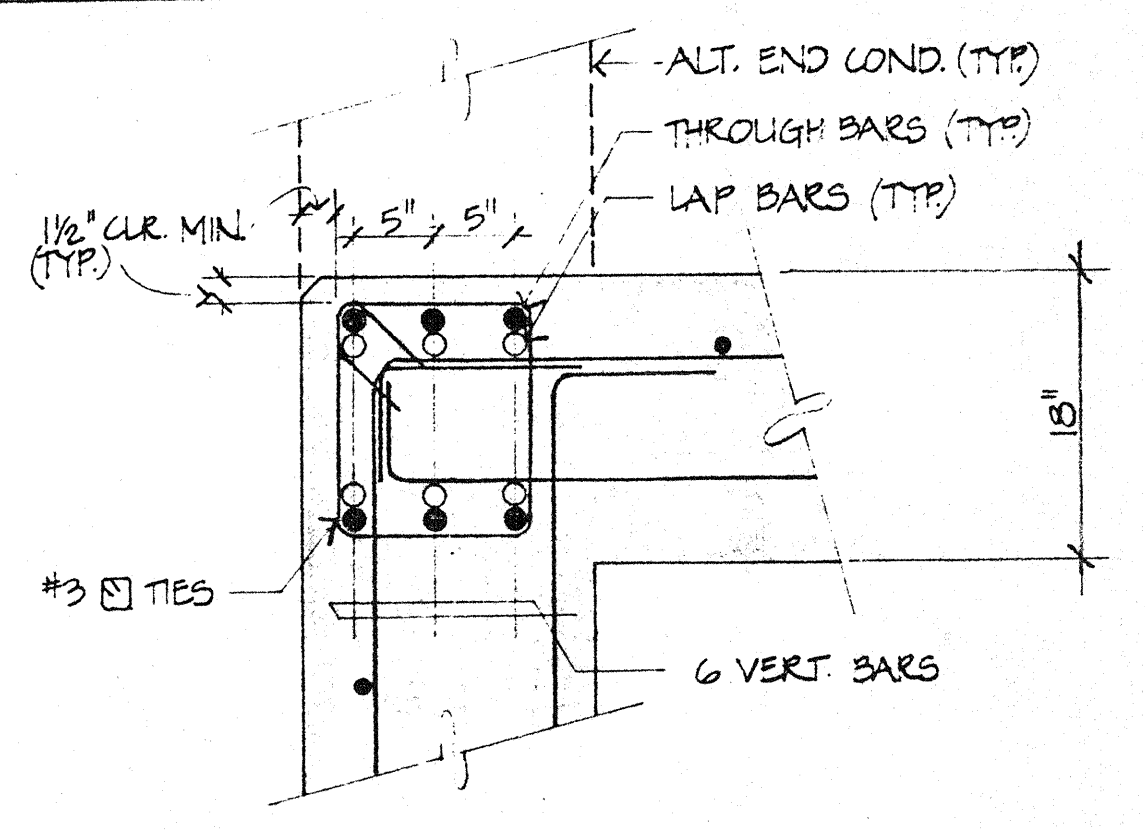
8 SECTION
SCALE 1" = 1'-0"



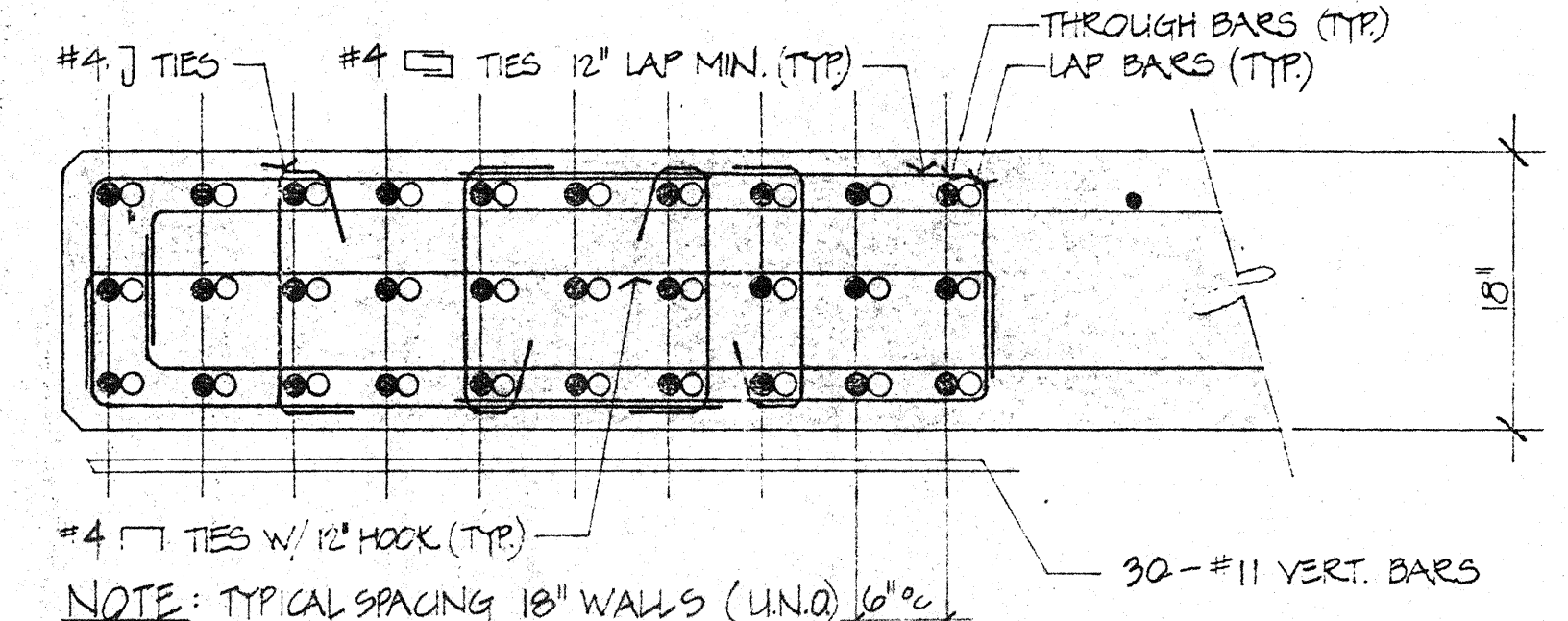
9 SECTION
SCALE 1" = 1'-0"



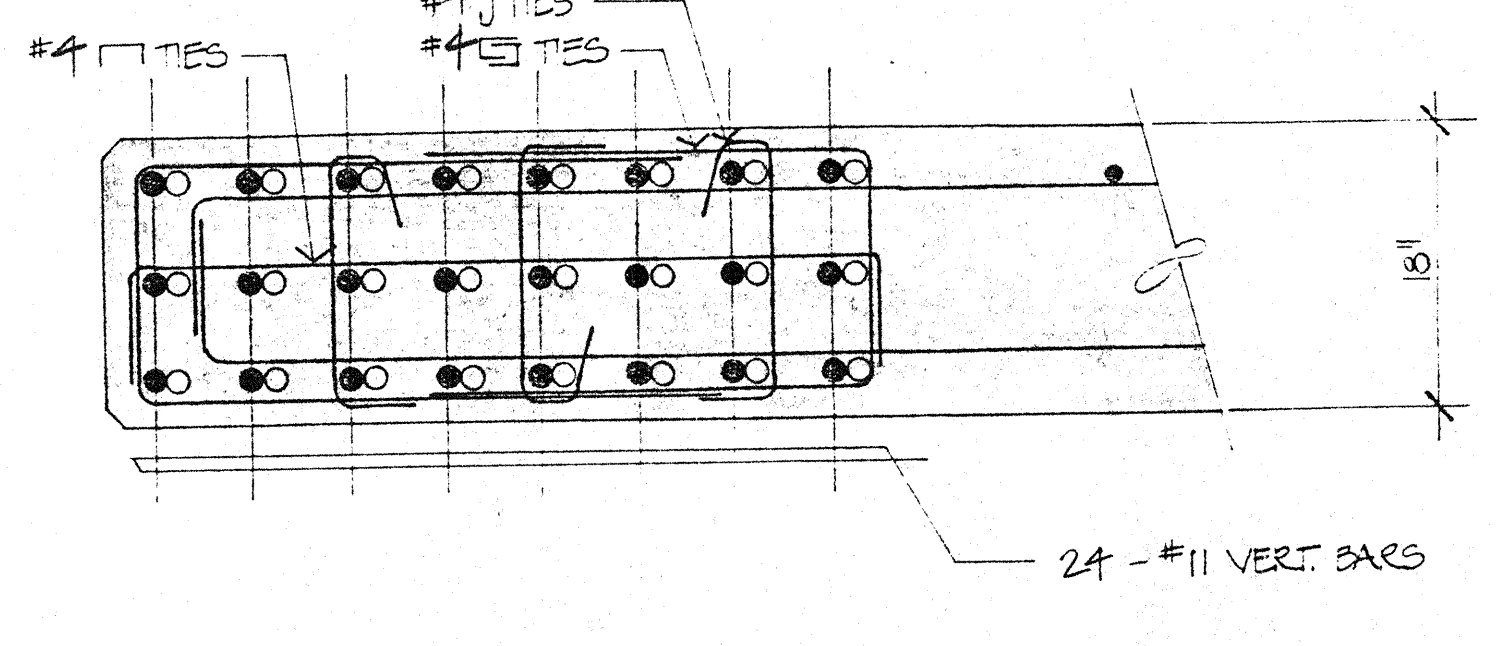
10 SECTION
SCALE 1" = 1'-0"



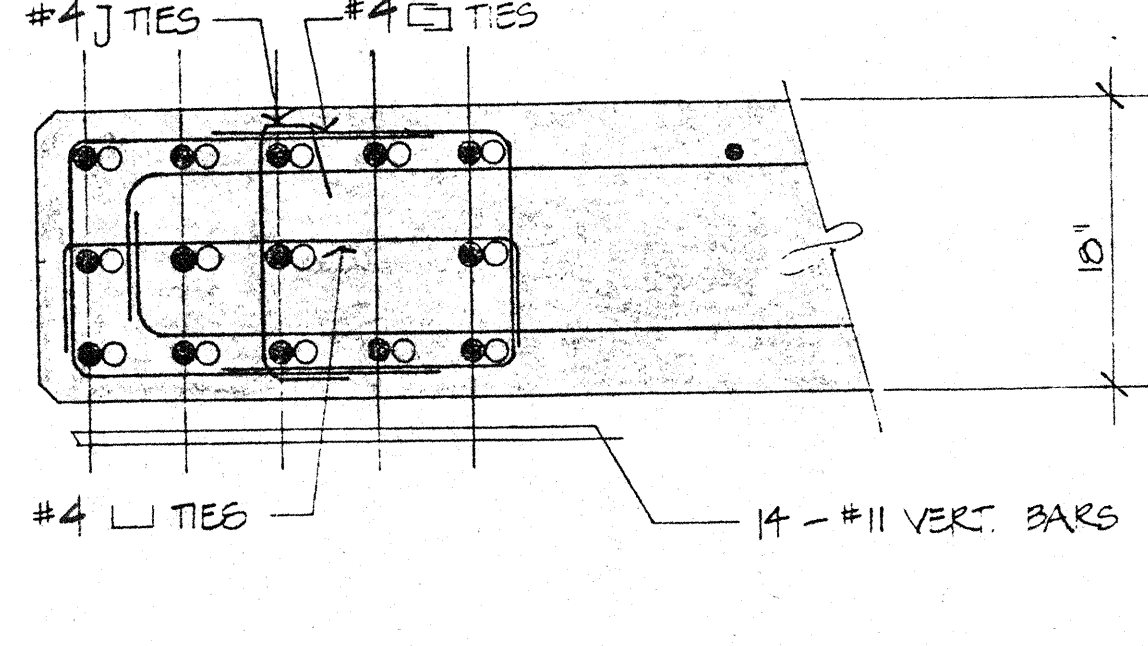
11 SECTION
SCALE 1" = 1'-0"



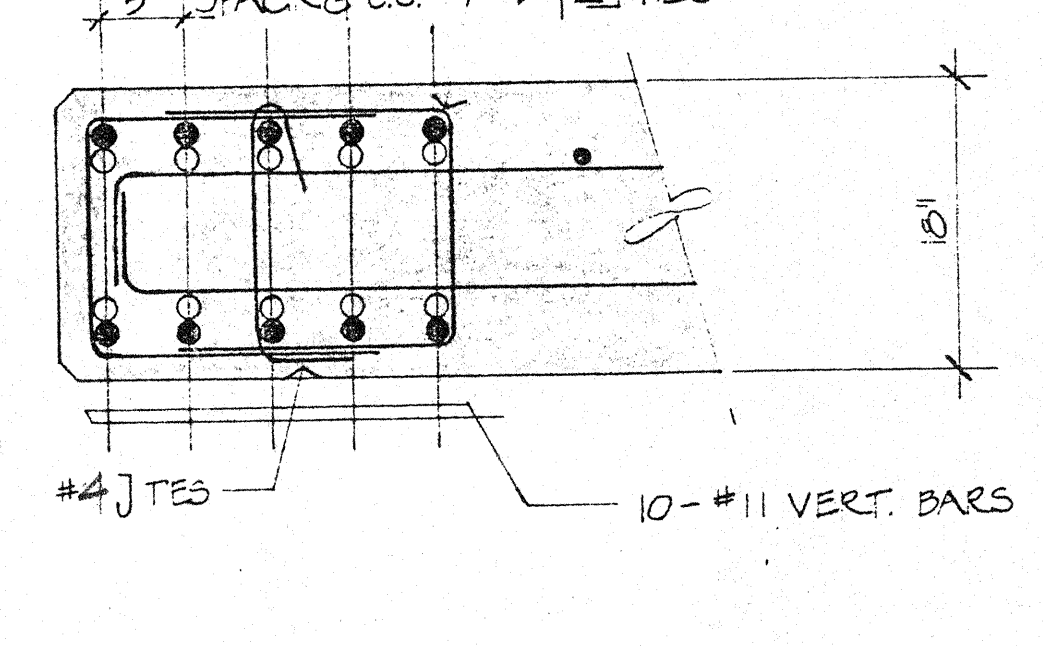
12 SECTION
SCALE 1" = 1'-0"



13 SECTION
SCALE 1" = 1'-0"



14 SECTION
SCALE 1" = 1'-0"



15 SECTION
SCALE 1" = 1'-0"

NOTE: USE #4 TIES IF VERTICALS ARE #11 TYP. THROUGH

OMIT

OMIT

DATE 15 OCT 2014
REVISED
JAN 7 1/11
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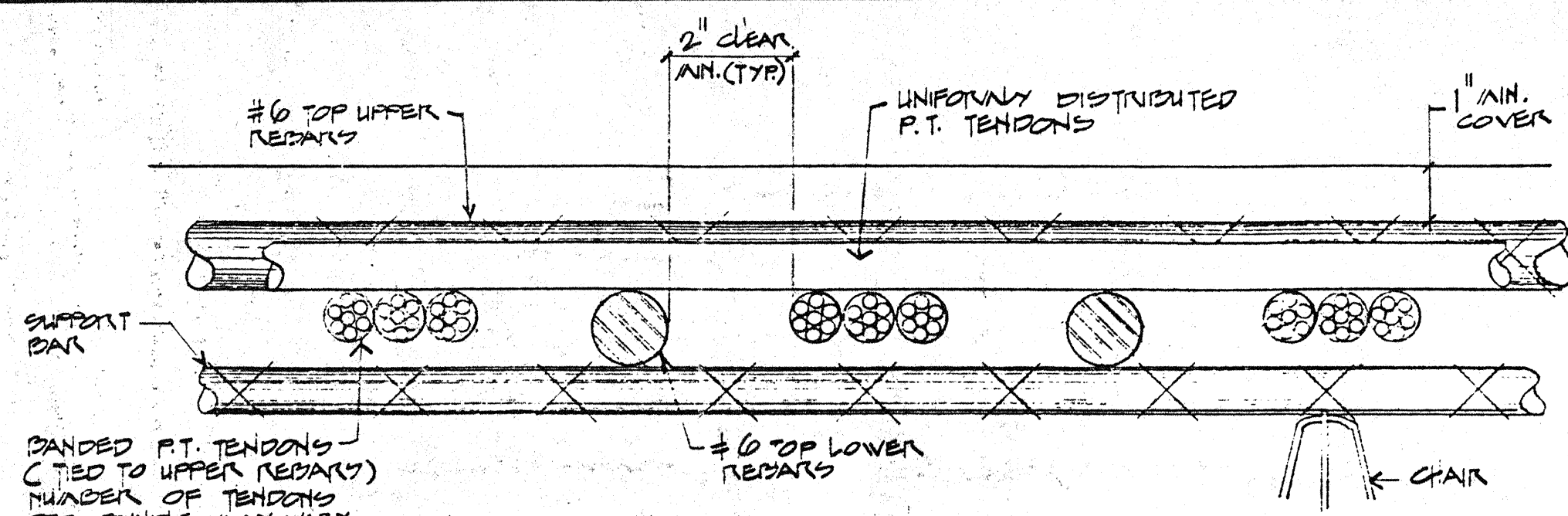
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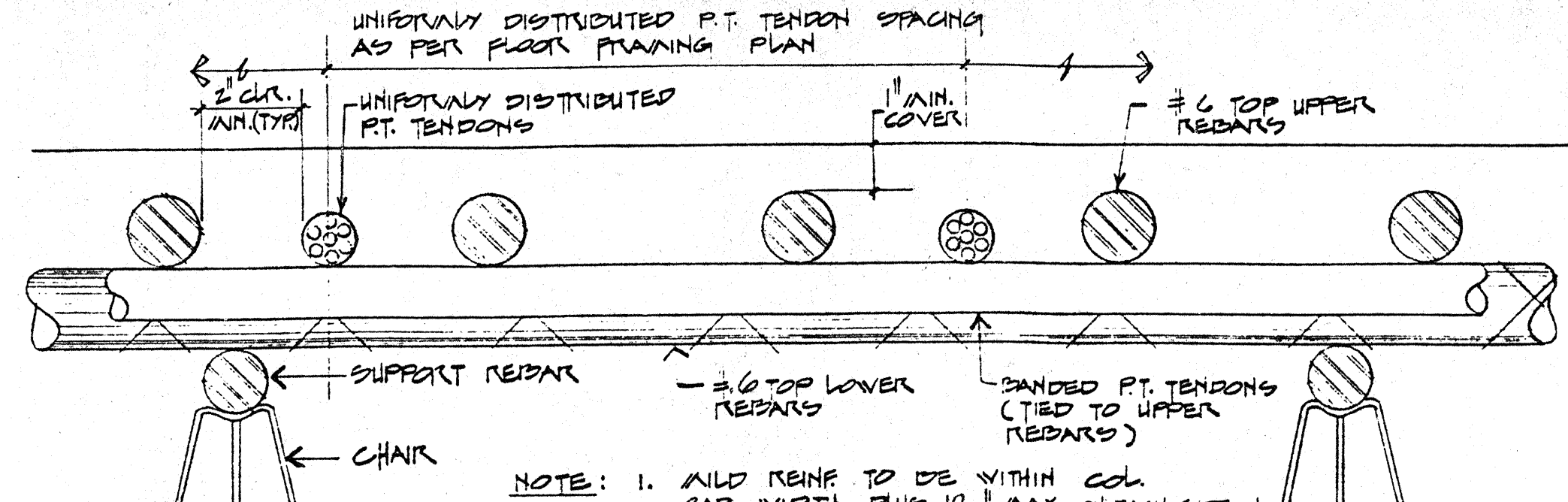
BLDG 1

S-30
PAGE 82 OF 96 PAGES



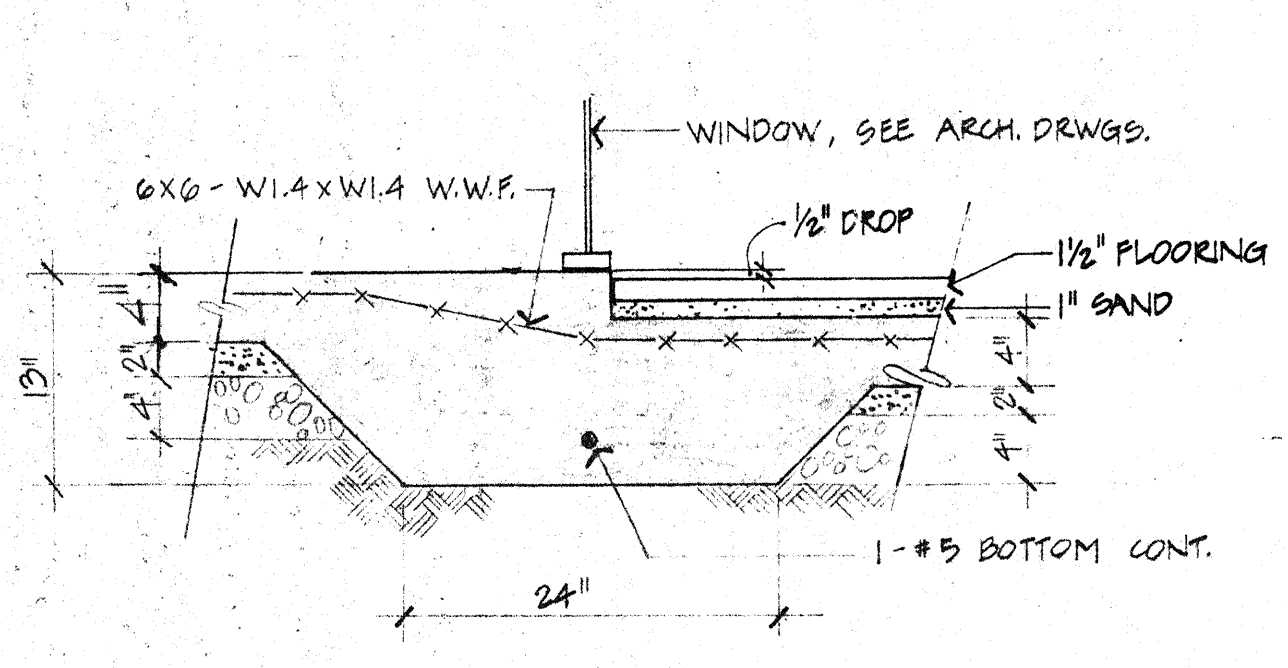
NOTES: 1. ALTERNATE TENDON & REBAR GROUPS.
 2. FOR QUANTITY AND LENGTH OF REINF. SEE PLAN.
 3. REINFORCEMENT TO BE WITHIN COL. CAP WIDTH PLUS 12" MAX. ON EACH SIDE AND CTED. ON COL. C.

SECTION THRU BEAM STRIP
 GENERAL DETAIL
 NO SCALE

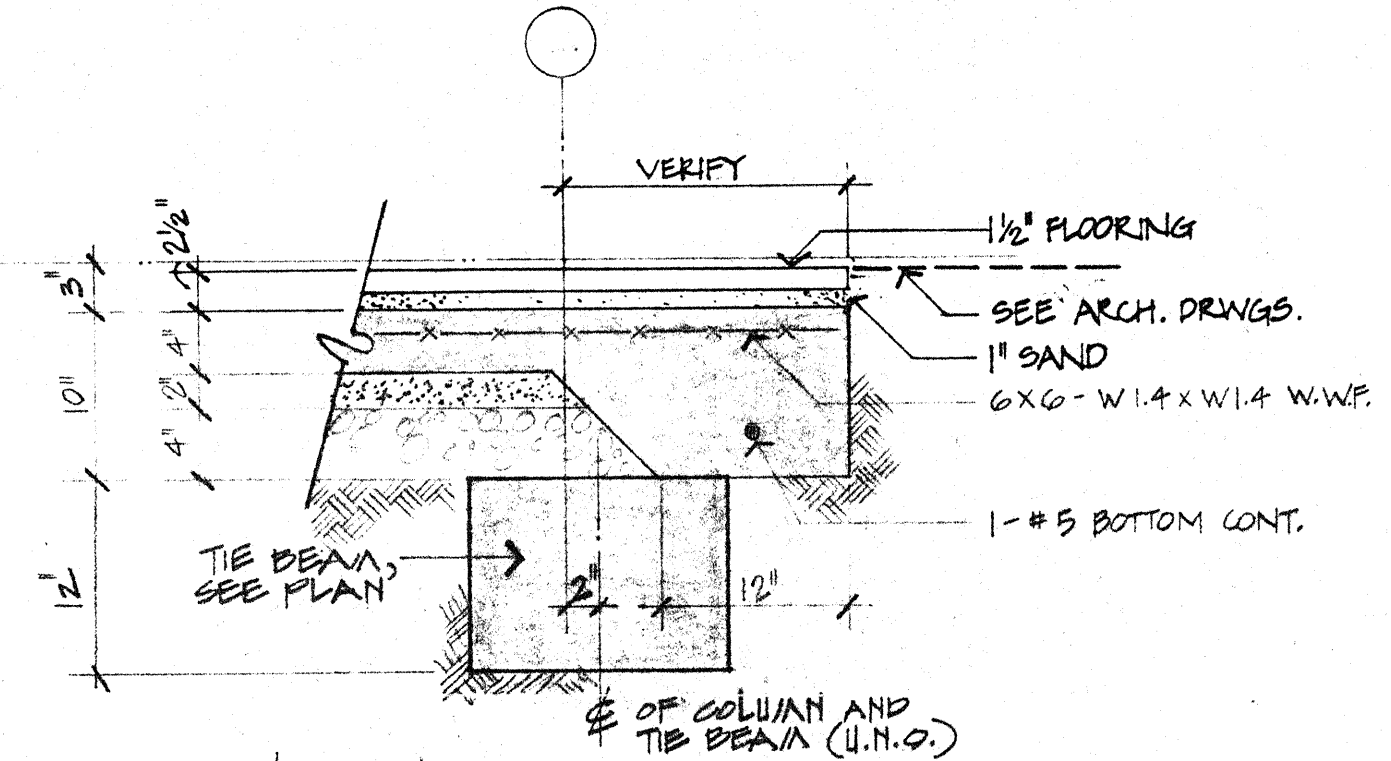


NOTE: 1. ALL REINF. TO BE WITHIN COL. CAP WIDTH PLUS 12" MAX. ON EACH SIDE & CTED. ON COLUMN LINE.
 2. FOR QUANTITY AND LENGTH OF REINF., SEE PLAN.
 3. FOR REBAR STAGGER SEE (S-2)

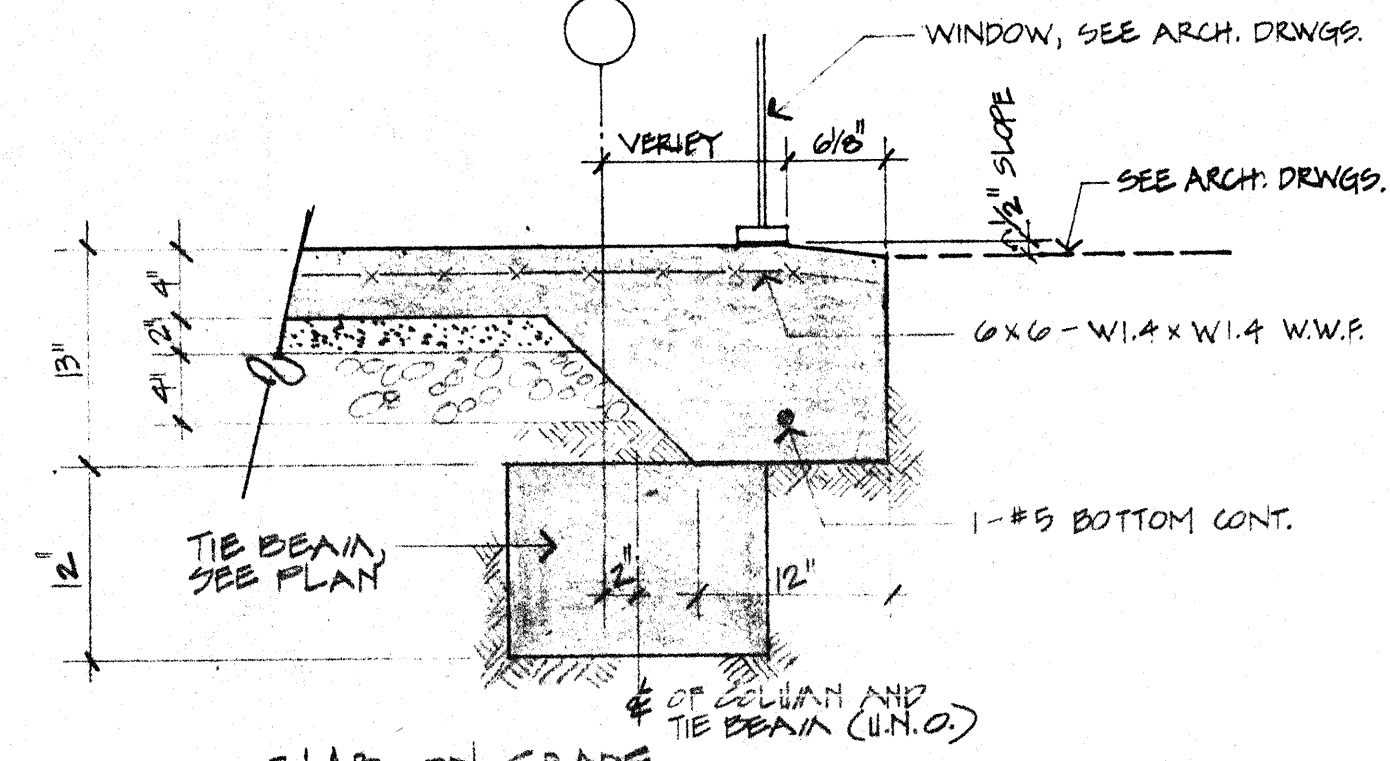
SECTION THRU UNIFORM DIRECTION
 GENERAL DETAIL
 NO SCALE



SLAB ON GRADE
 INTERIOR SLAB
 DETAIL
 SCALE: 1" = 1'-0"



SLAB ON GRADE
 TYPICAL EDGE OF SLAB
 DETAIL
 SCALE: 1" = 1'-0"



SLAB ON GRADE
 TYPICAL EDGE OF SLAB
 DETAIL
 SCALE: 1" = 1'-0"

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 25125
 CIVIL
 STATE OF CALIFORNIA

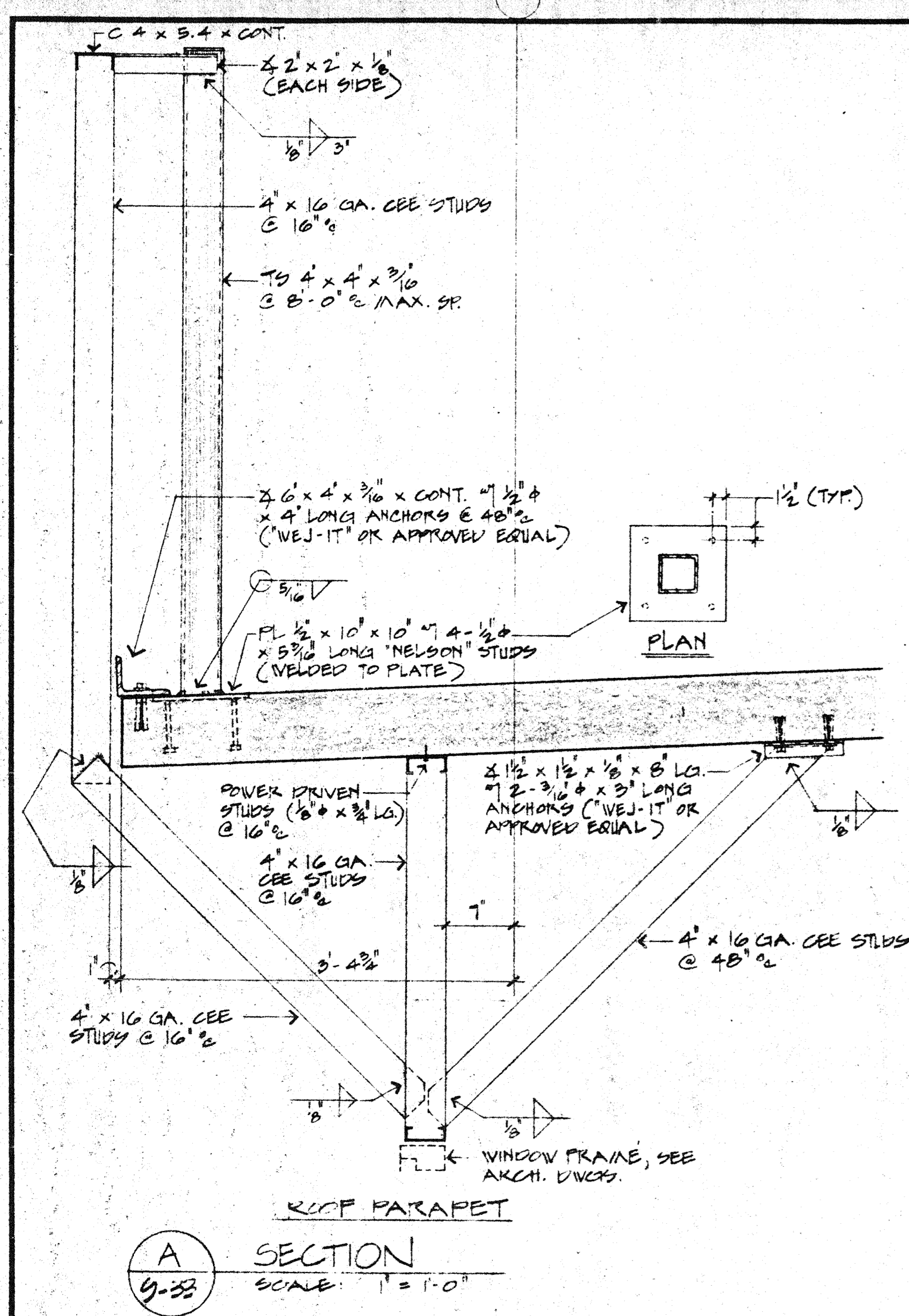
THE WATERFRONT OFFICE TOWERS
 stockton downtown redevelopment
 weber avenue & lincoln street
 stockton, california

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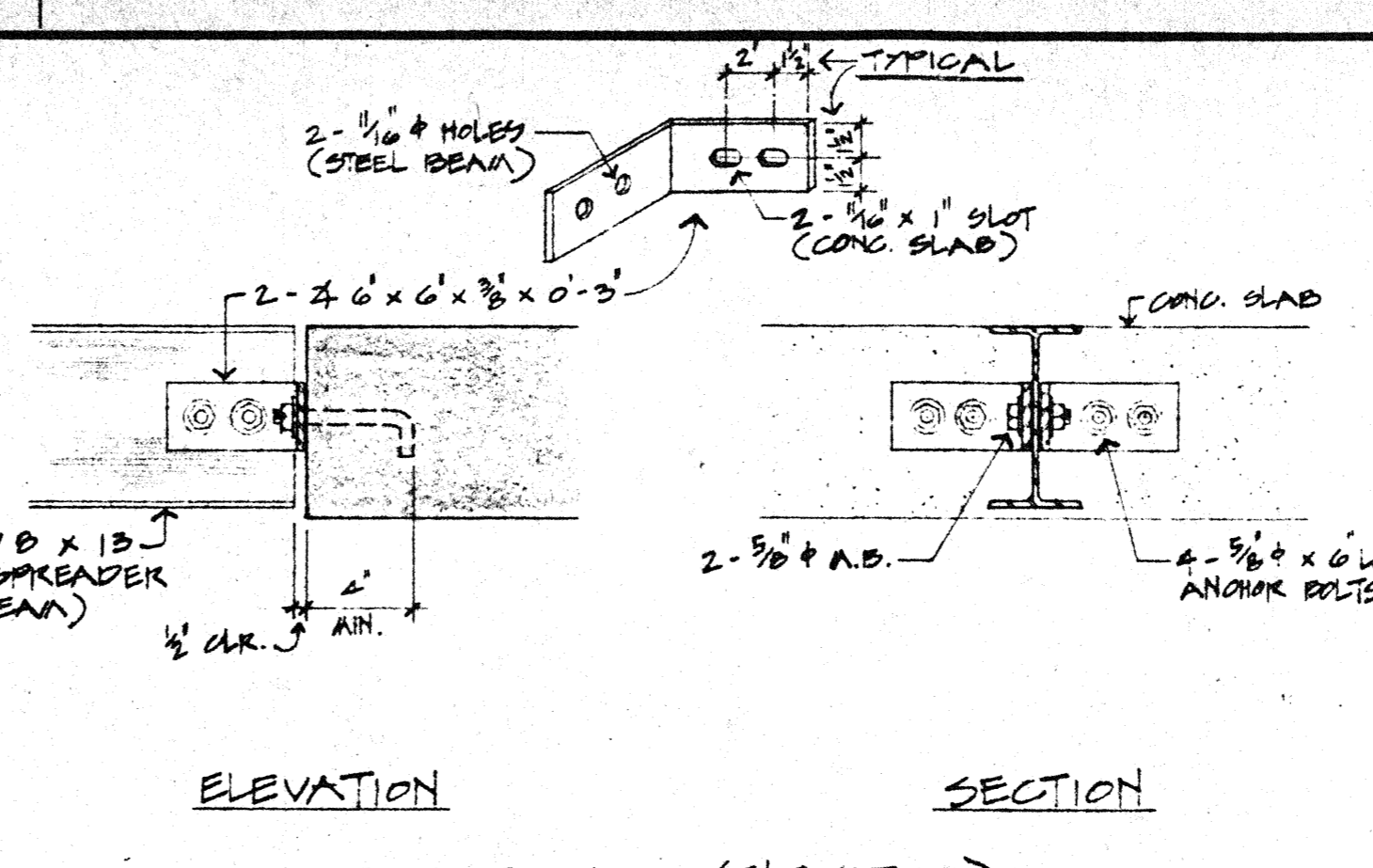
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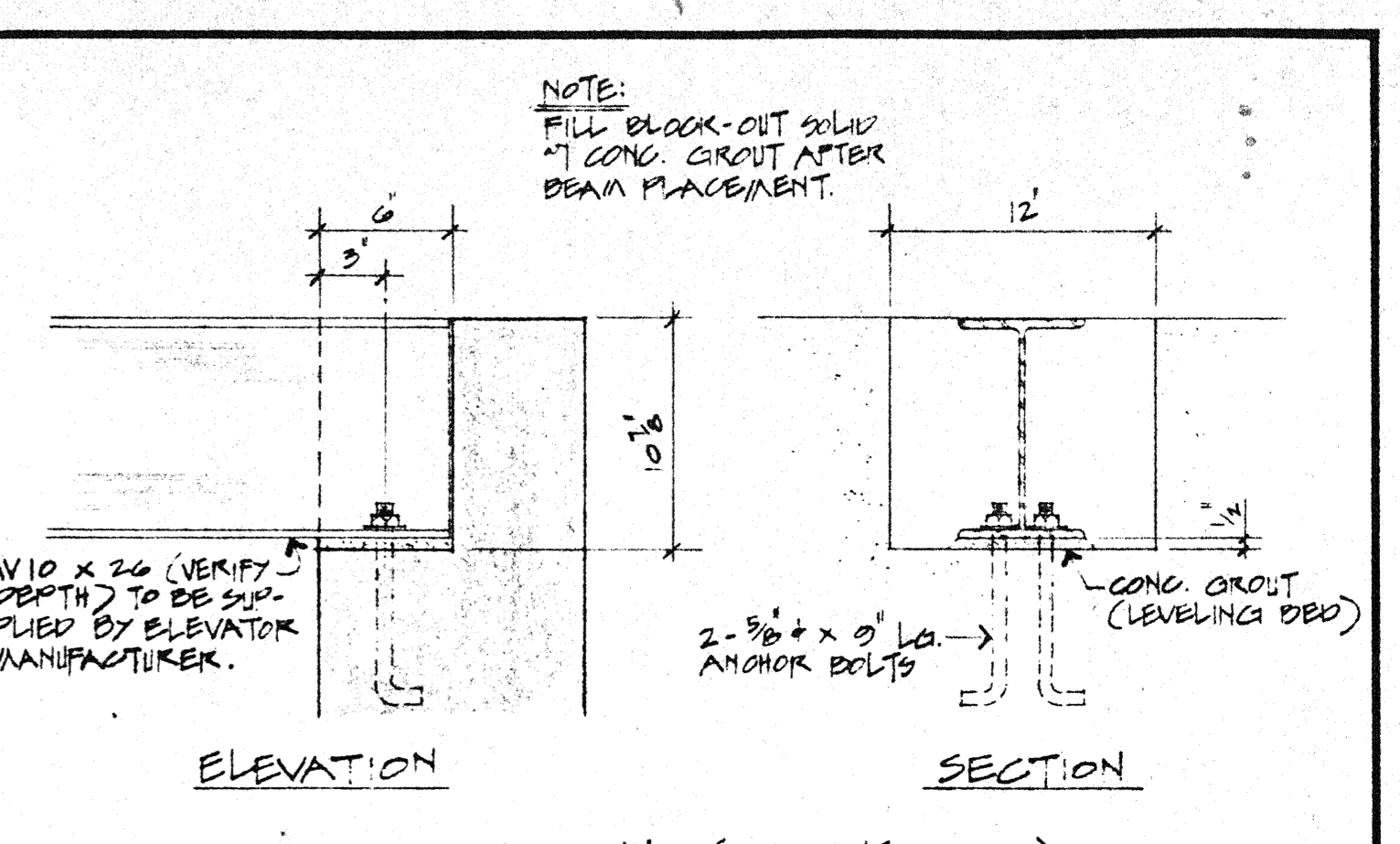
A SECTION
SCALE: 1" = 1'-0"

NOTES:

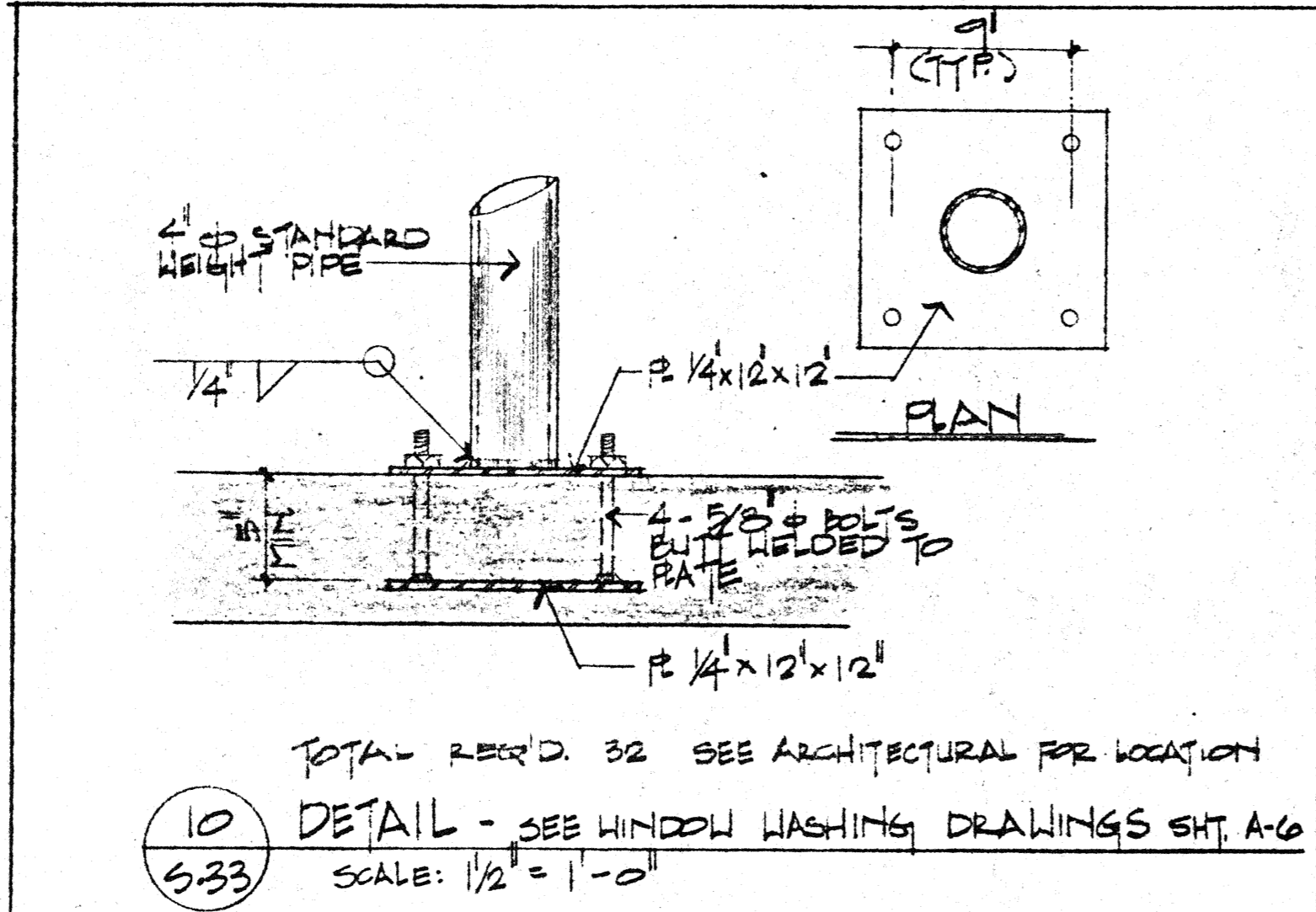
- "DRYVIT" PRE-FAB WALL MANUFACTURER TO DESIGN CONNECTIONS FOR THE FOLLOWING LOADS:
TOP
 VERTICAL SHEAR _____ 0
 HORIZONTAL SHEAR _____ 0
 TENSION _____ 1600 LBS.
BOTTOM
 VERTICAL SHEAR _____ 250 LBS./LIN. FT.
 HORIZONTAL SHEAR _____ 250 LBS./LIN. FT.
 TENSION _____ 250 LBS./LIN. FT.
- FOR BALANCE OF DETAIL, SEE ARCHITECTURAL DRAWING 1/A-15.
- "DRYVIT" DESIGN TO BE PERFORMED BY AN ENGINEER FAMILIAR WITH THE CONSTRUCTION TECHNIQUE AND SHALL HOLD A CURRENT CALIFORNIA CIVIL ENGINEER REGISTRATION.



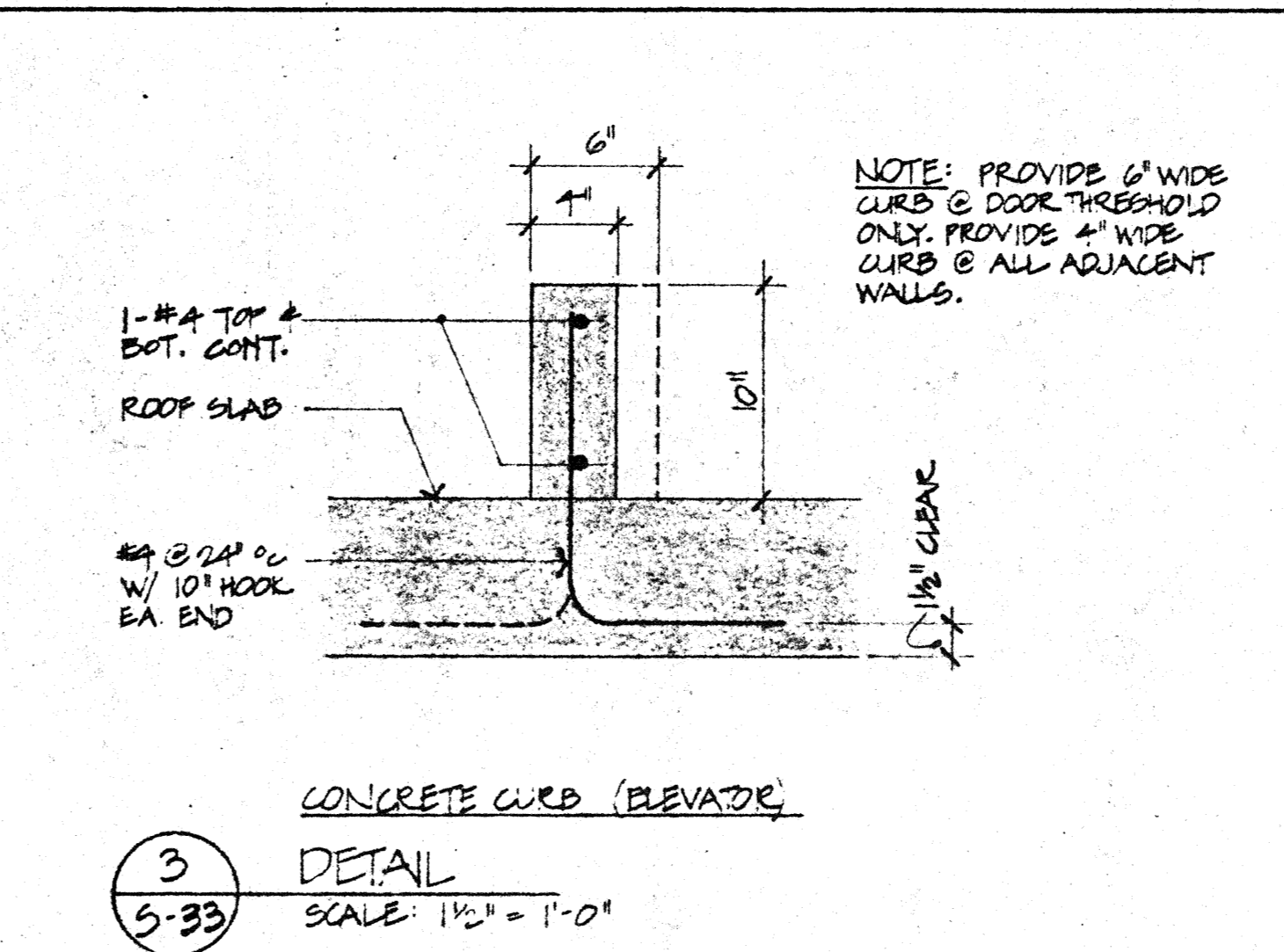
1 CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



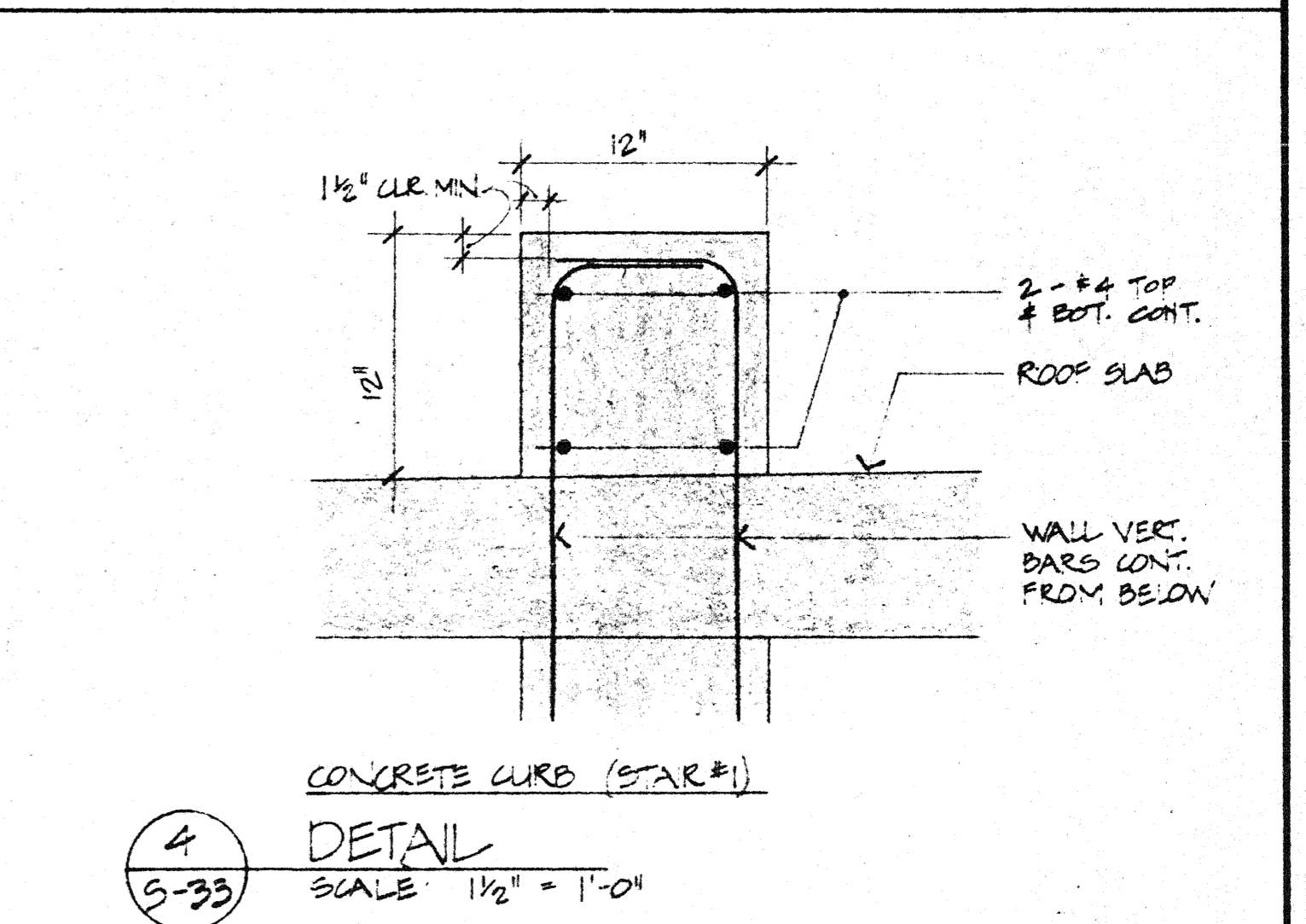
2 CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



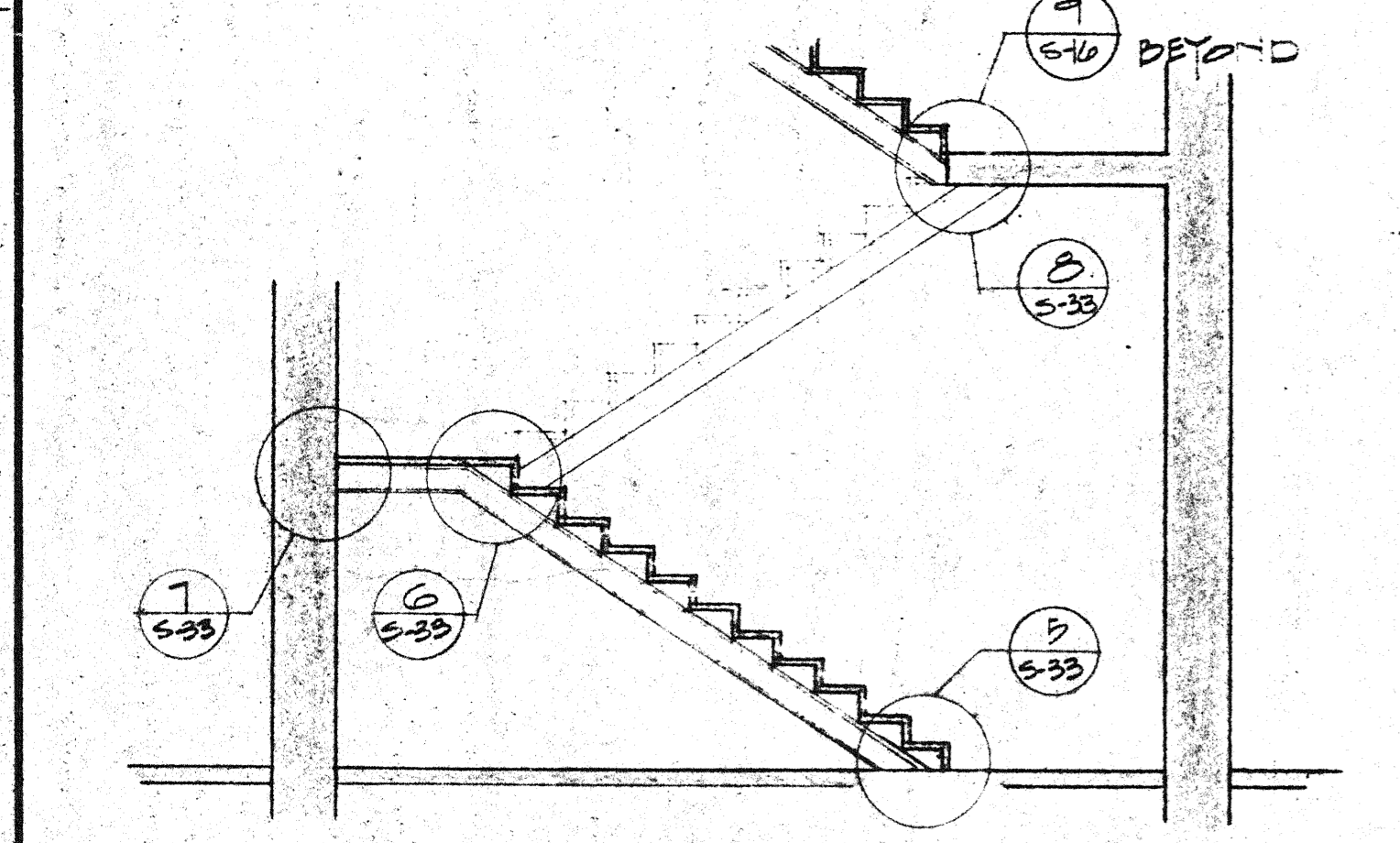
10 DETAIL - SEE WINDOW WASHING DRAWINGS SH. A-6
SCALE: 1/2" = 1'-0"



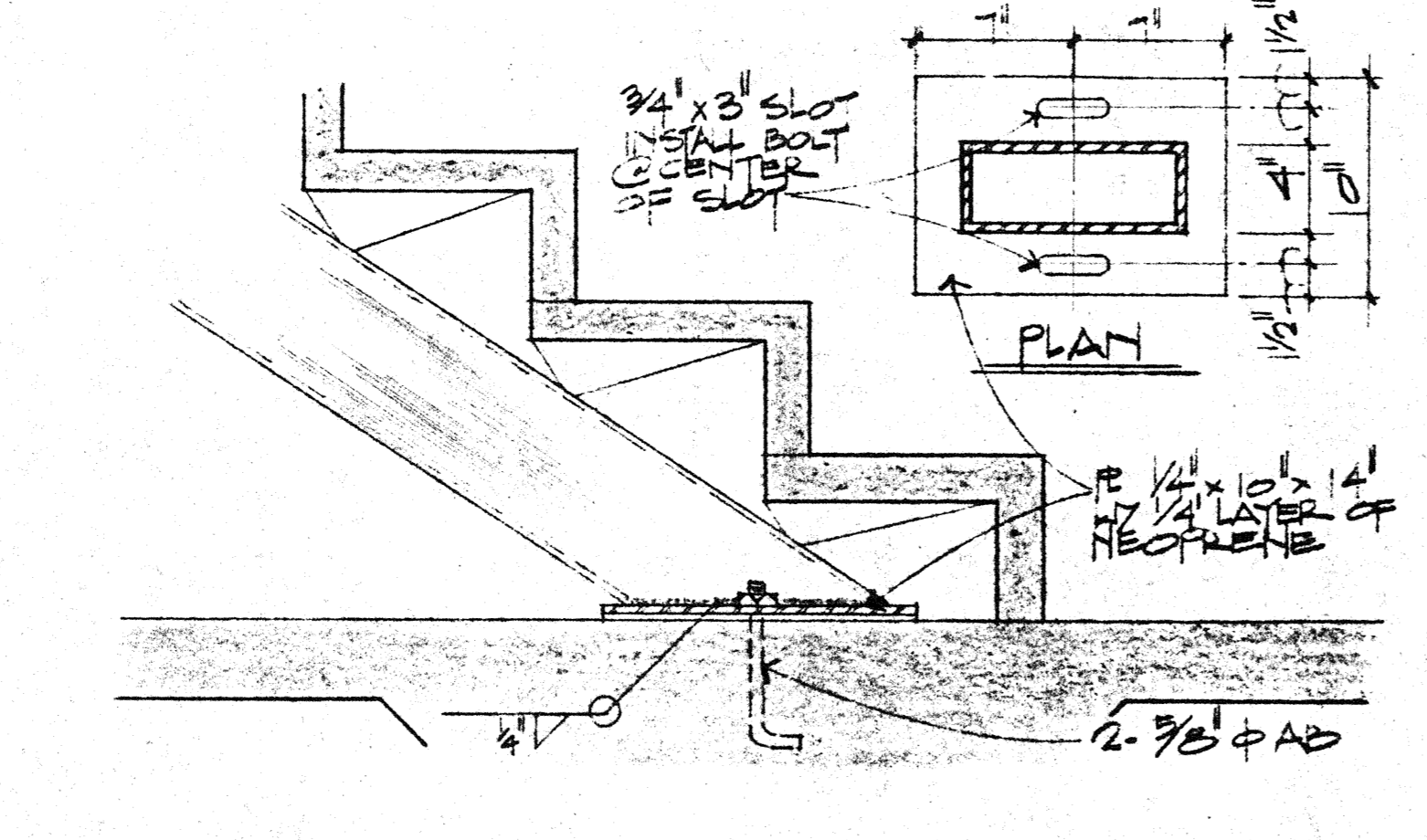
3 DETAIL
SCALE: 1/2" = 1'-0"



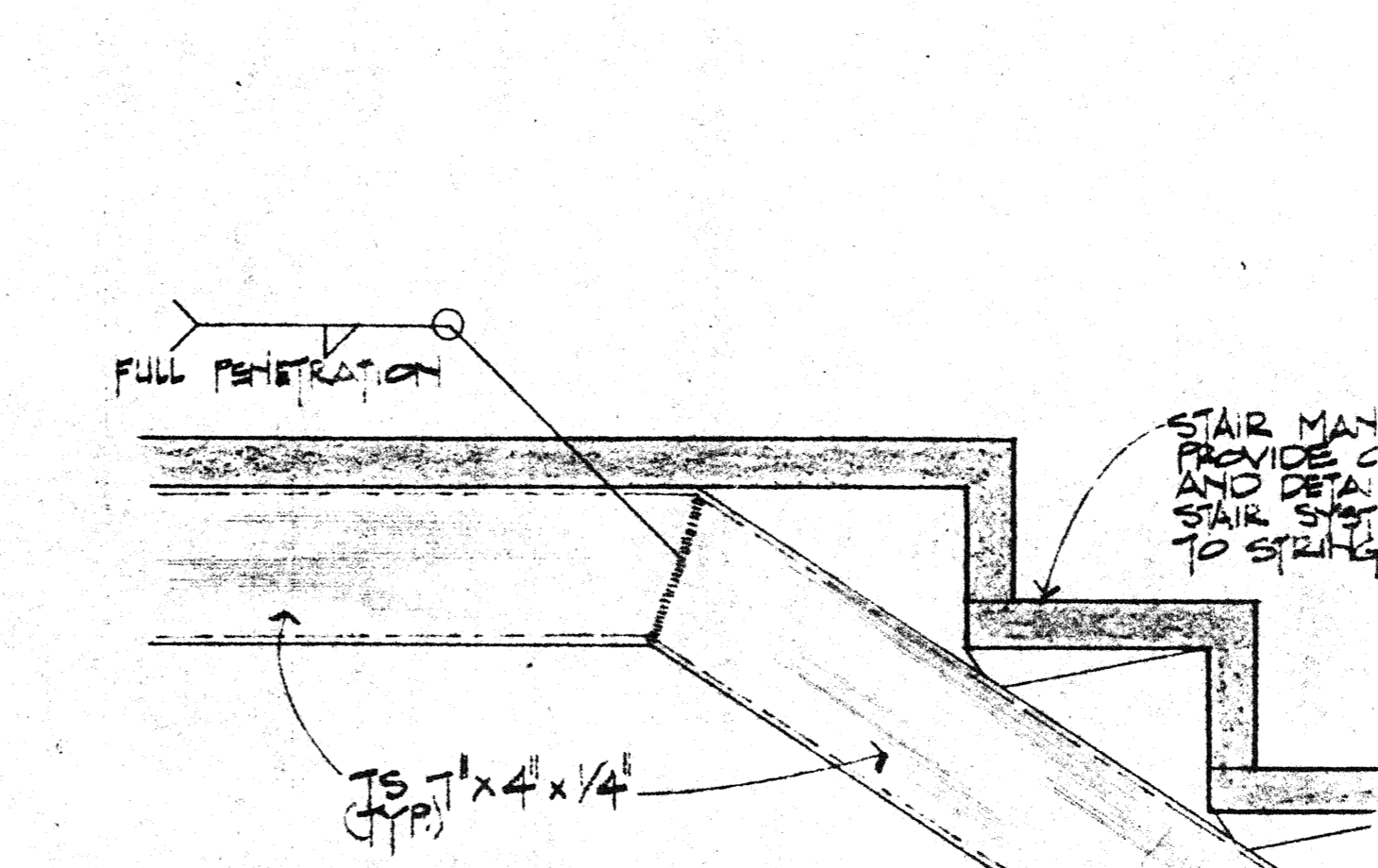
4 DETAIL
SCALE: 1/2" = 1'-0"



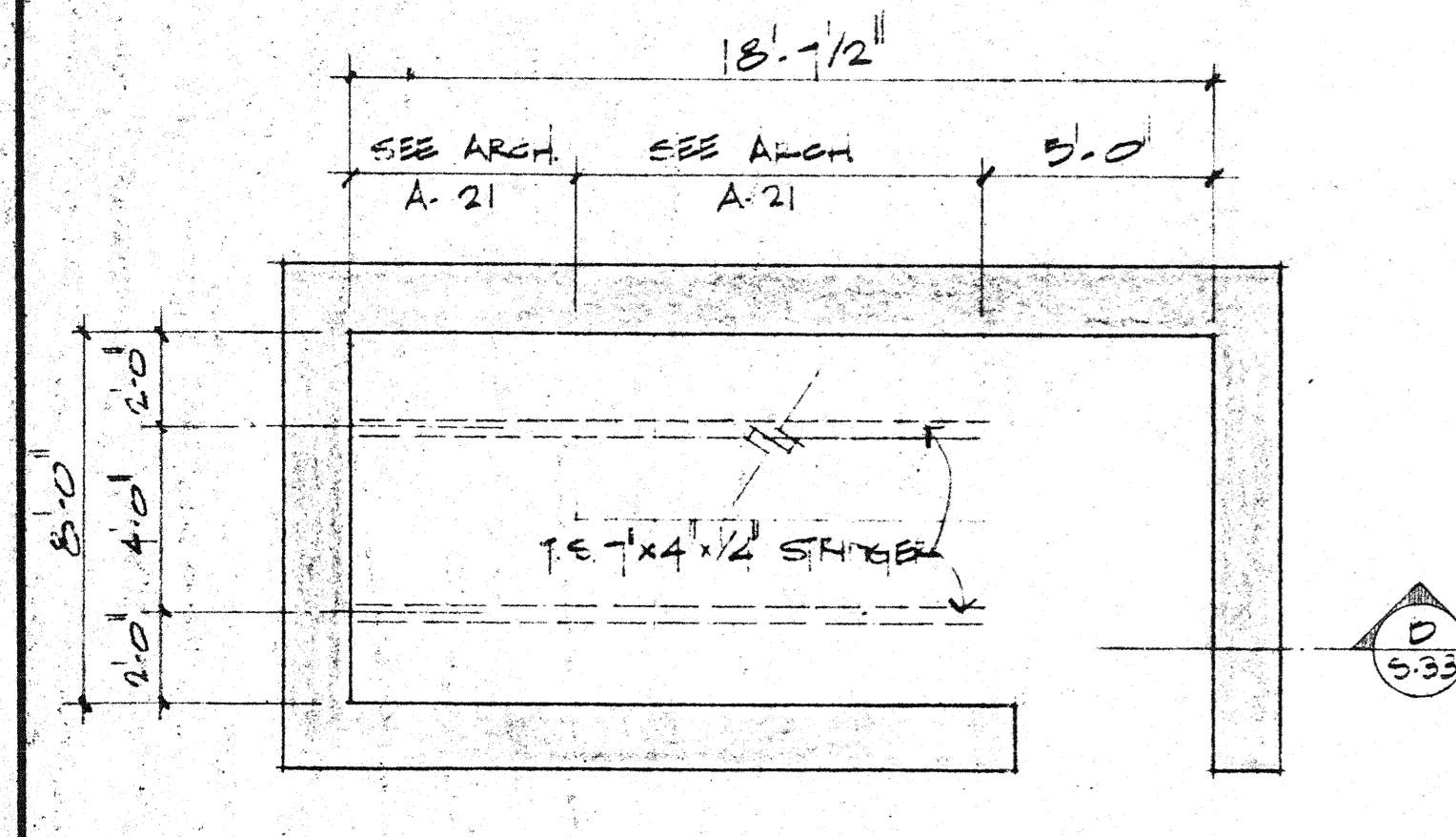
B PARTIAL STAIR SECTION
SCALE: 1/4" = 1'-0"



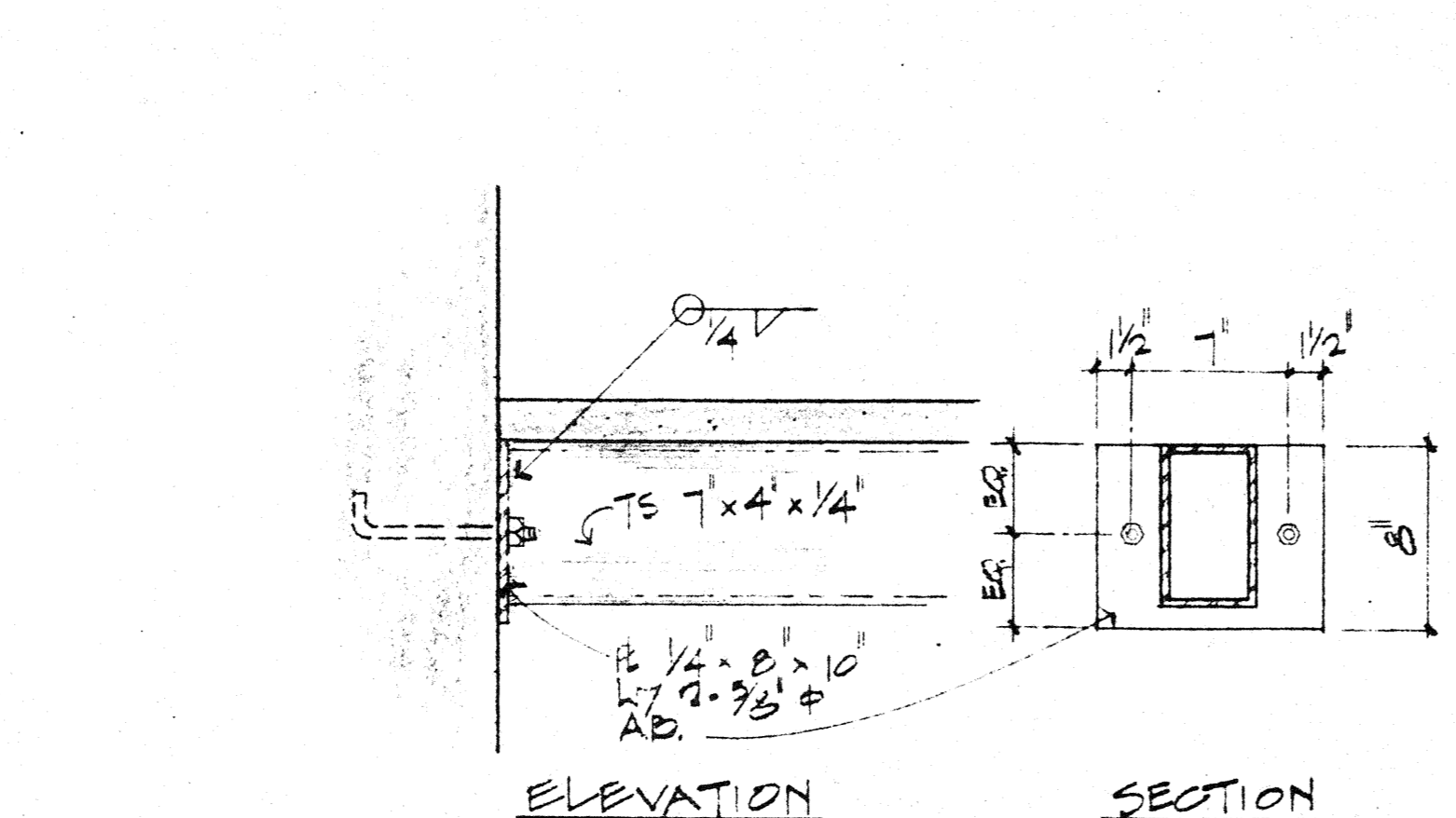
5 DETAIL
SCALE: 1/2" = 1'-0"



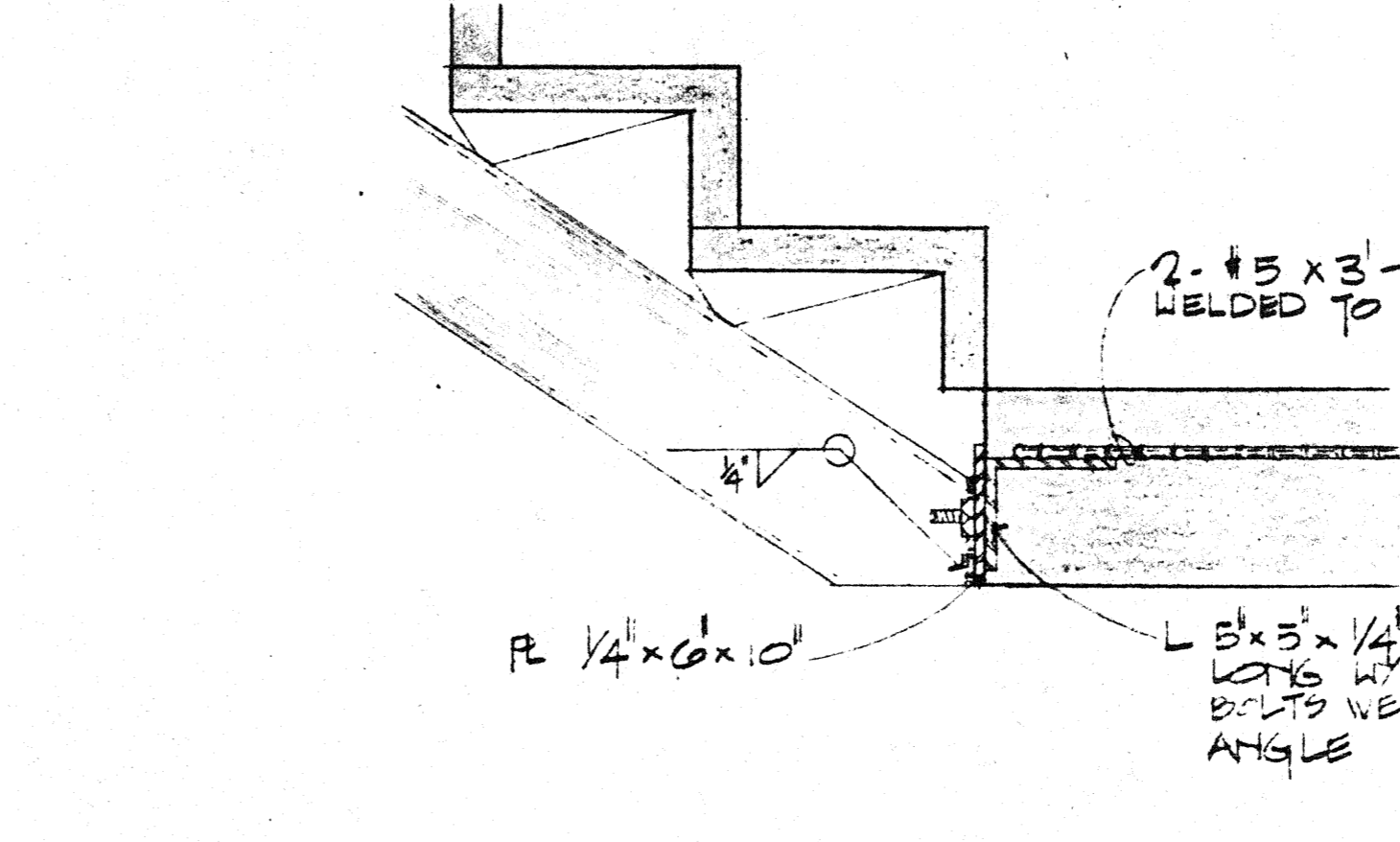
6 DETAIL
SCALE: 1/2" = 1'-0"



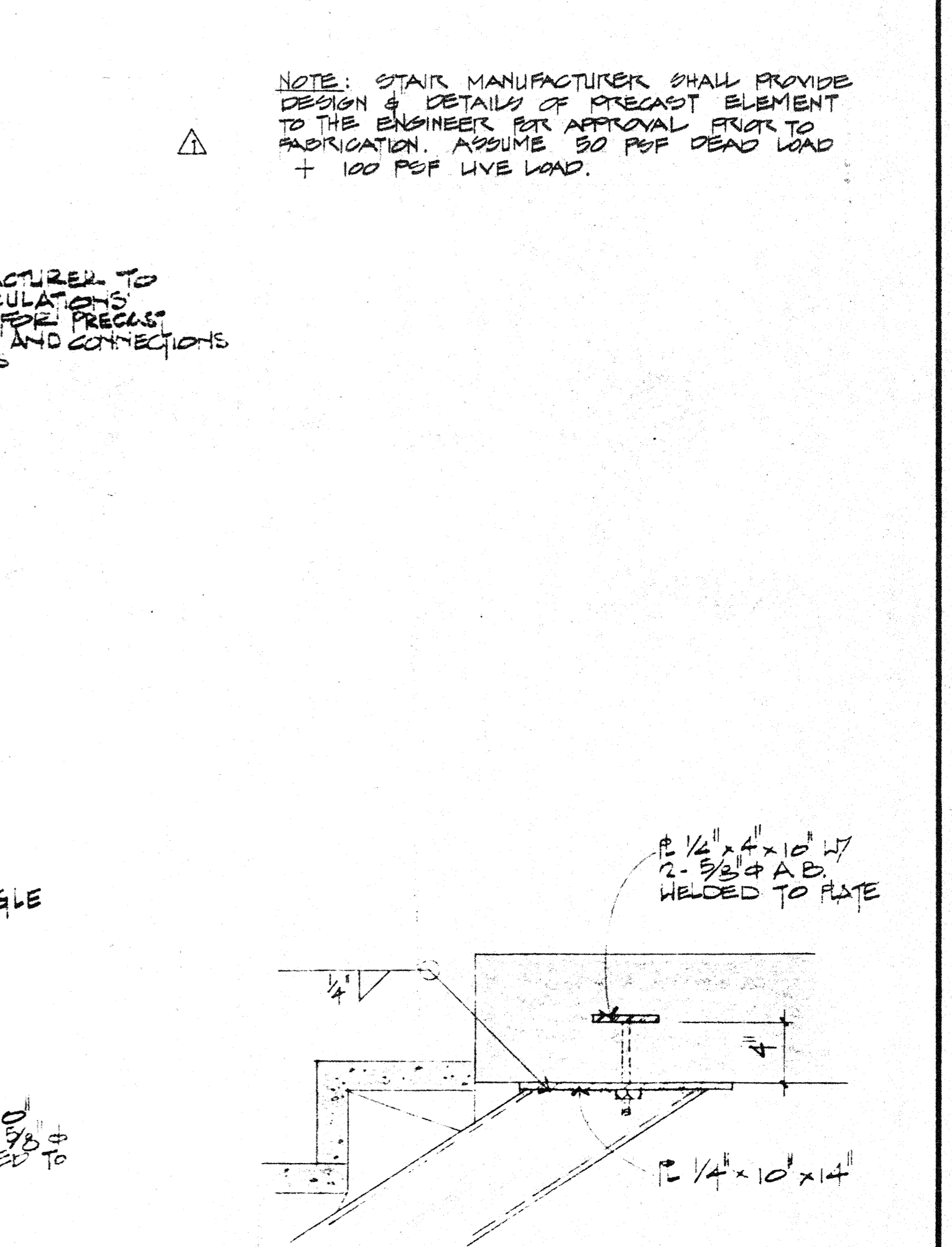
D STAIR PLAN
SCALE: 1/4" = 1'-0"



7 DETAIL
SCALE: 1/2" = 1'-0"



8 DETAIL
SCALE: 1/2" = 1'-0"



9 DETAIL
SCALE: 1/2" = 1'-0"

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 Stockton downtown redevelopment
 Weber Avenue & Lincoln Street
 Stockton, California

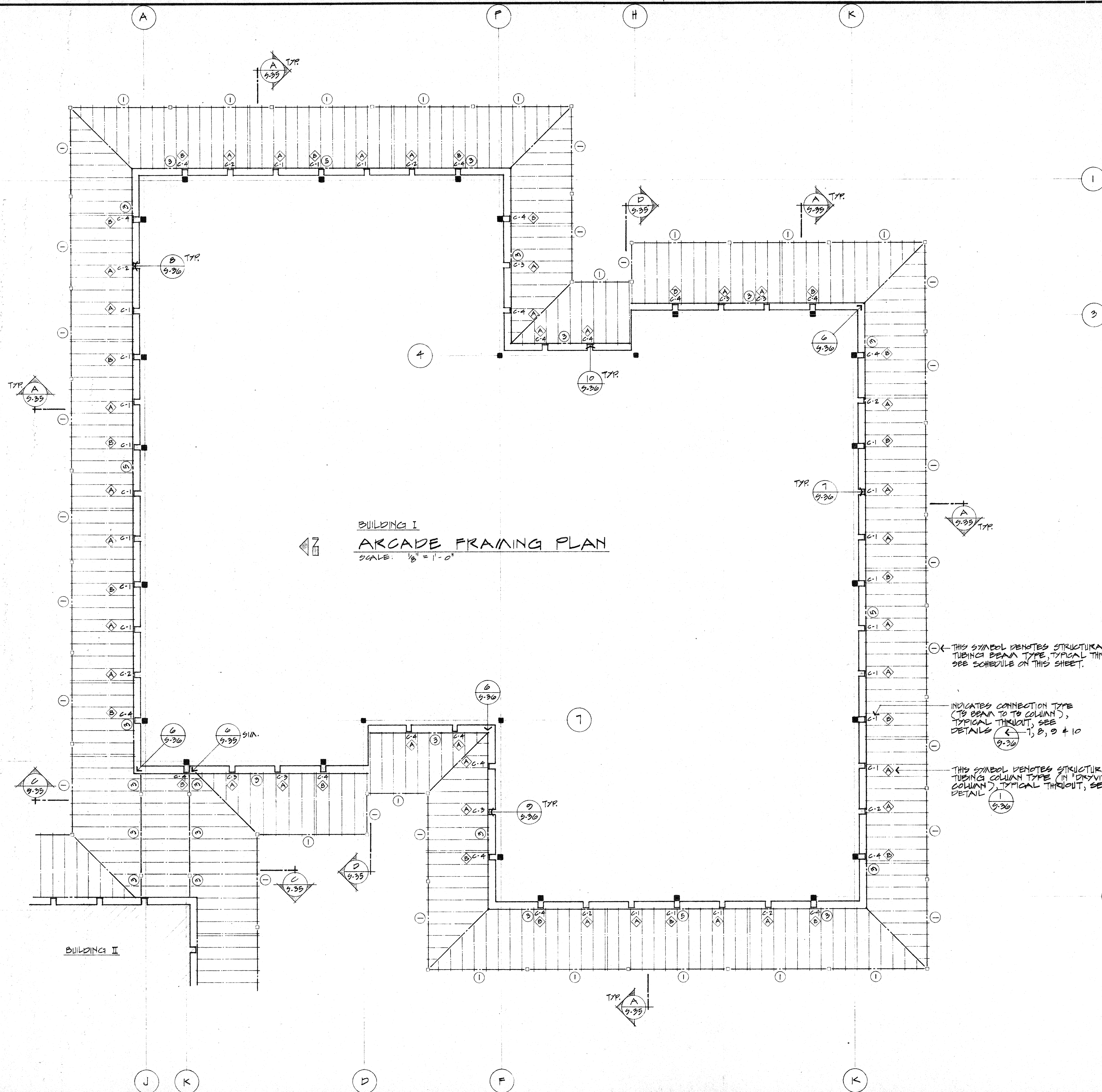
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BLDG. 1

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PAGE 65 OF 76 PAGES



BUILDING I
ARCADE FRAMING PLAN
 SCALE: 1/8" = 1'-0"

STRUCTURAL TUBING SCHEDULE		
TYPE	SHAPE	REMARKS
1	TS 8 x 4 x 3/16 ABOVE TS 6 x 4 x 3/16 BELOW	
2		
3	TS 8 x 4 x 3/16	
4		
5	TS 4 x 4 x 3/16	

- NOTES:
- FOR STRUCTURAL STEEL NOTES, SEE SHEET S-36.
 - FOR ALUMINUM FRAMING MEMBERS (SIZES, SPACING, CONNECTIONS, NOTES, ETC.) SEE SHOP DRAWINGS BY "O'KEEFE'S INC."
 - SEE ARCH. DWGS. FOR ADDITIONAL INFORMATION AND DETAILS NOT SHOWN.

THIS SYMBOL DENOTES STRUCTURAL TUBING BEAM TYPE, TYPICAL THRUOUT, SEE SCHEDULE ON THIS SHEET.

INDICATES CONNECTION TYPE (TS BEAM TO TS COLUMN), TYPICAL THRUOUT, SEE DETAILS 9-36, 9-35, 9-37 & 10

THIS SYMBOL DENOTES STRUCTURAL TUBING COLUMN TYPE (IN EXHIBIT COLUMN), TYPICAL THRUOUT, SEE DETAIL 9-36

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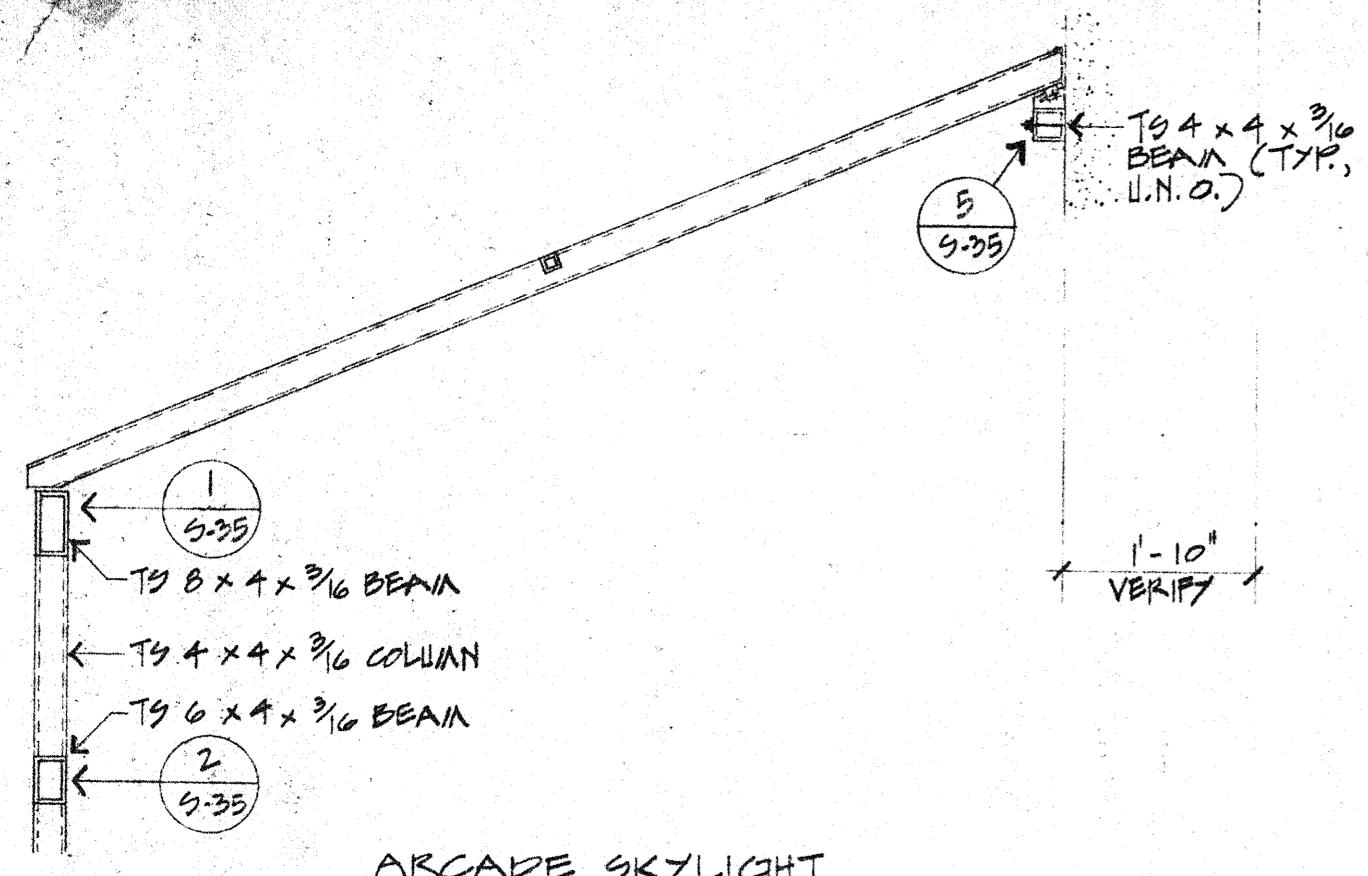
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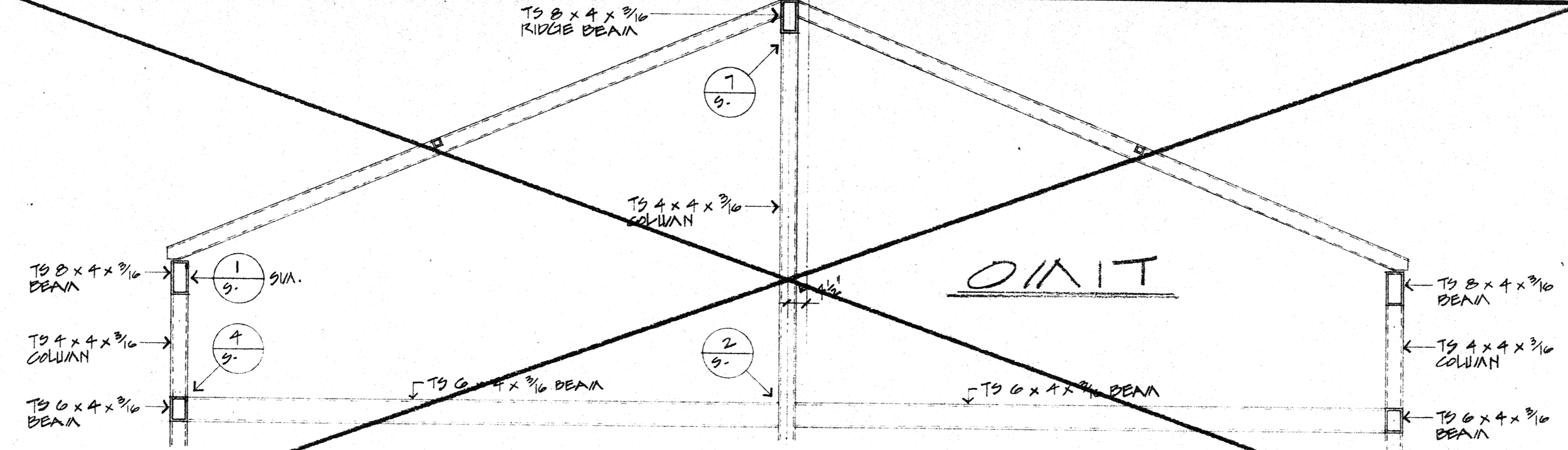
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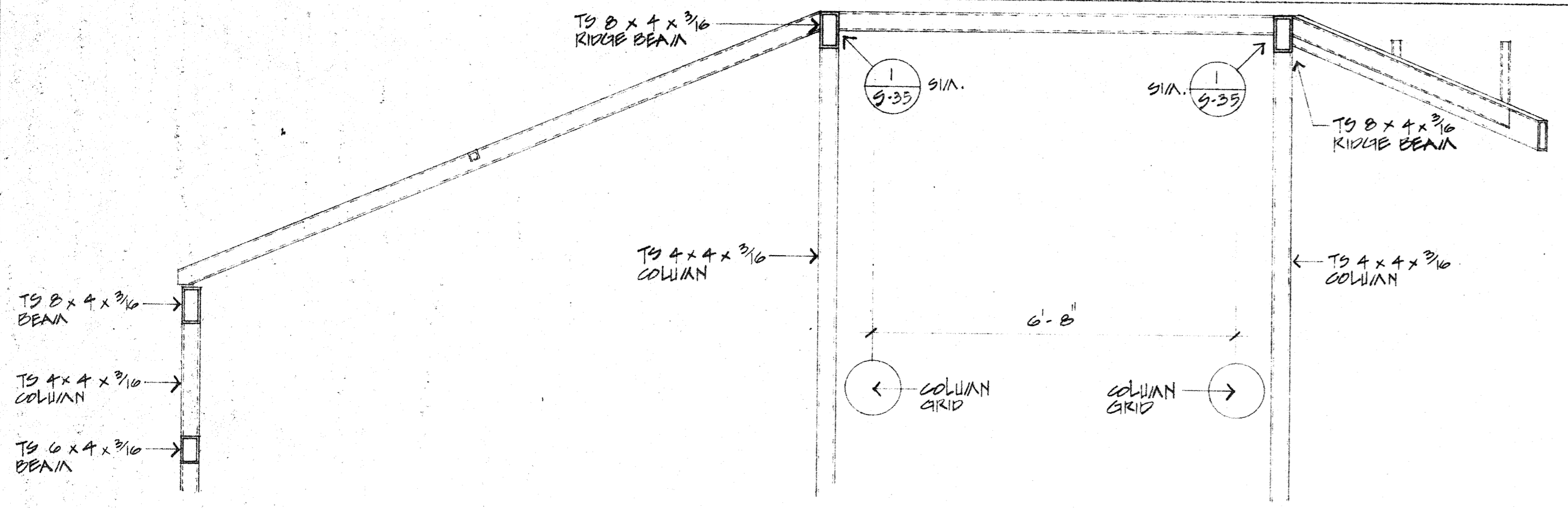


A TYPICAL SECTION
 9-35 SCALE: 1/2" = 1'-0"

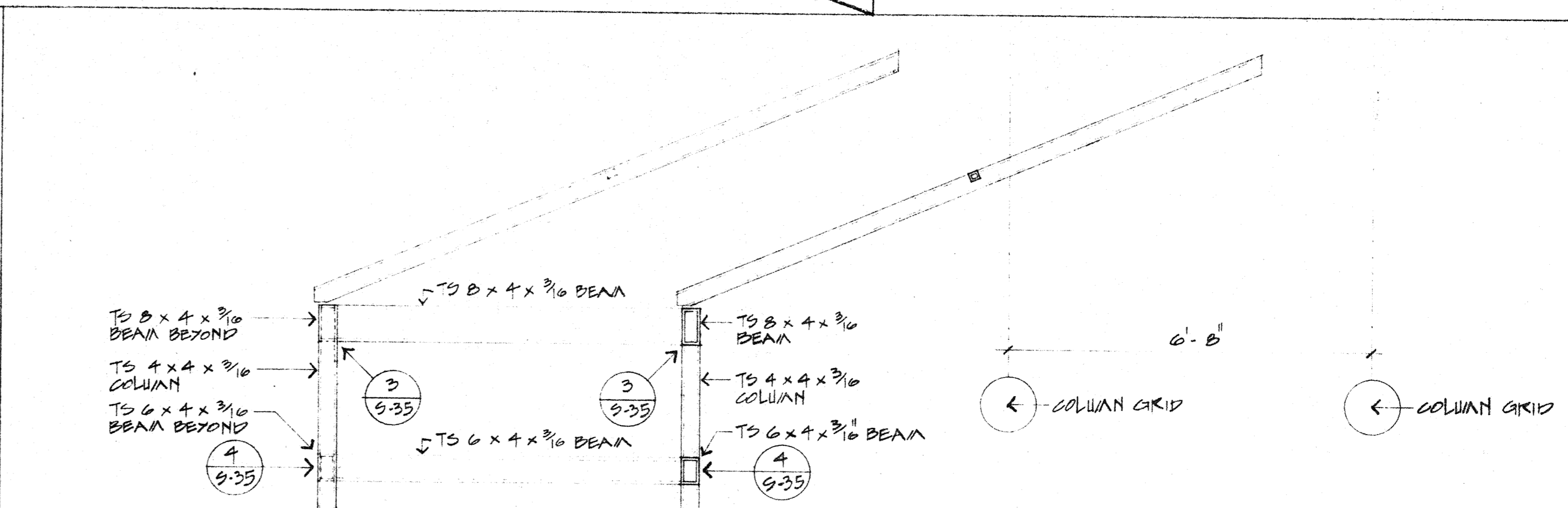


B SECTION
 9- SCALE: 1/2" = 1'-0"

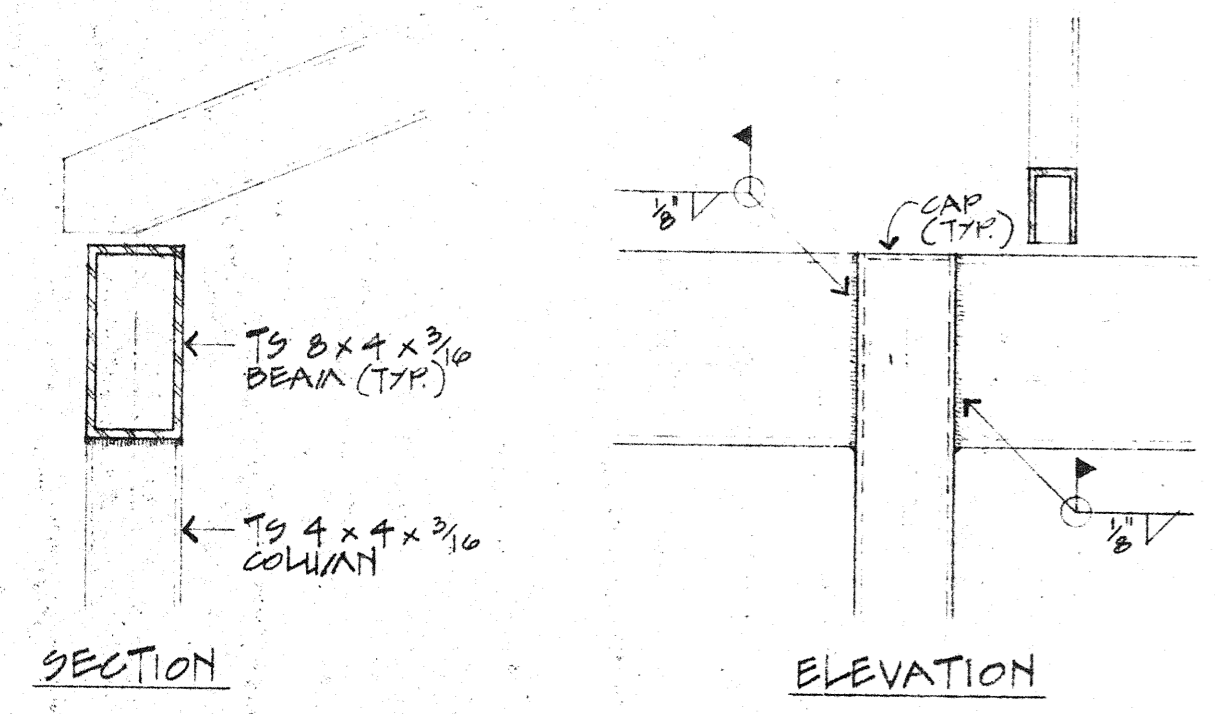
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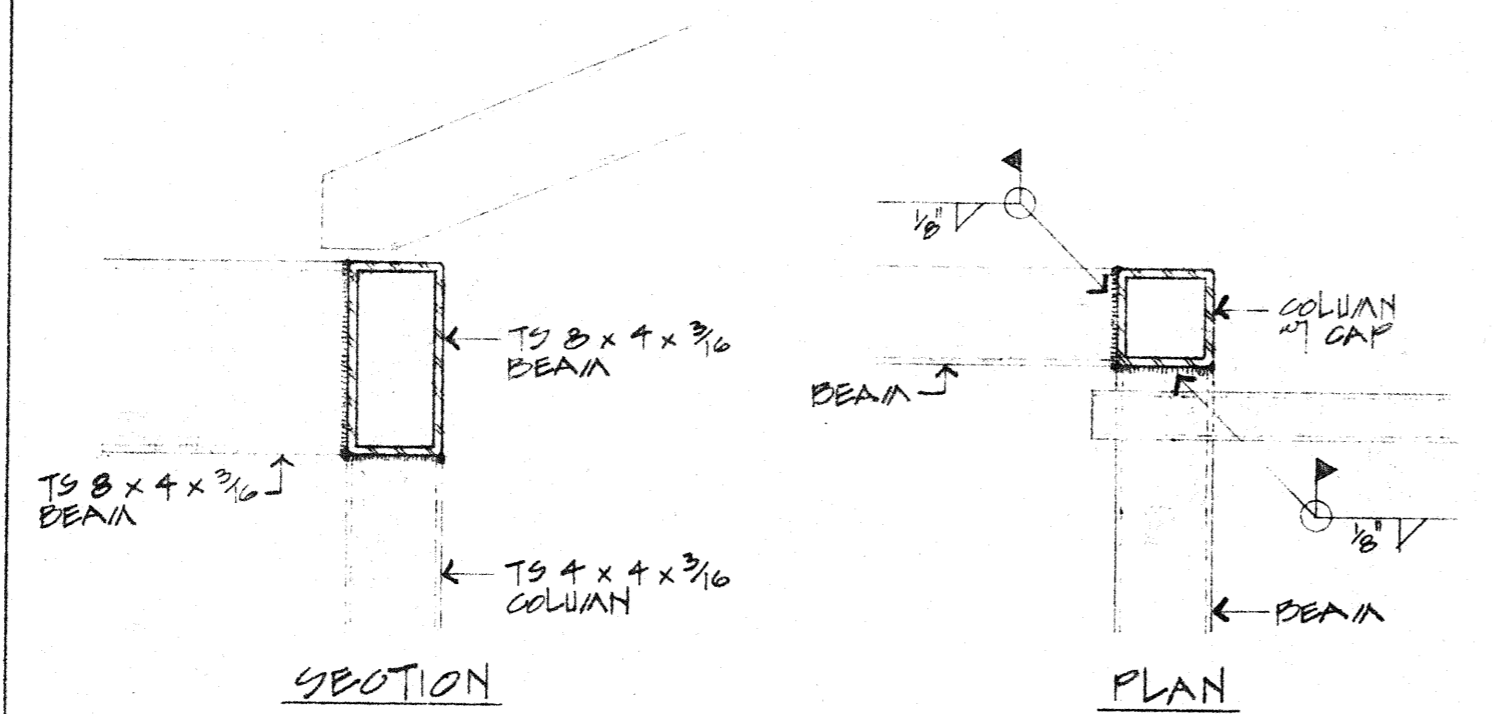
C SECTION
 9-35 SCALE: 1/2" = 1'-0"



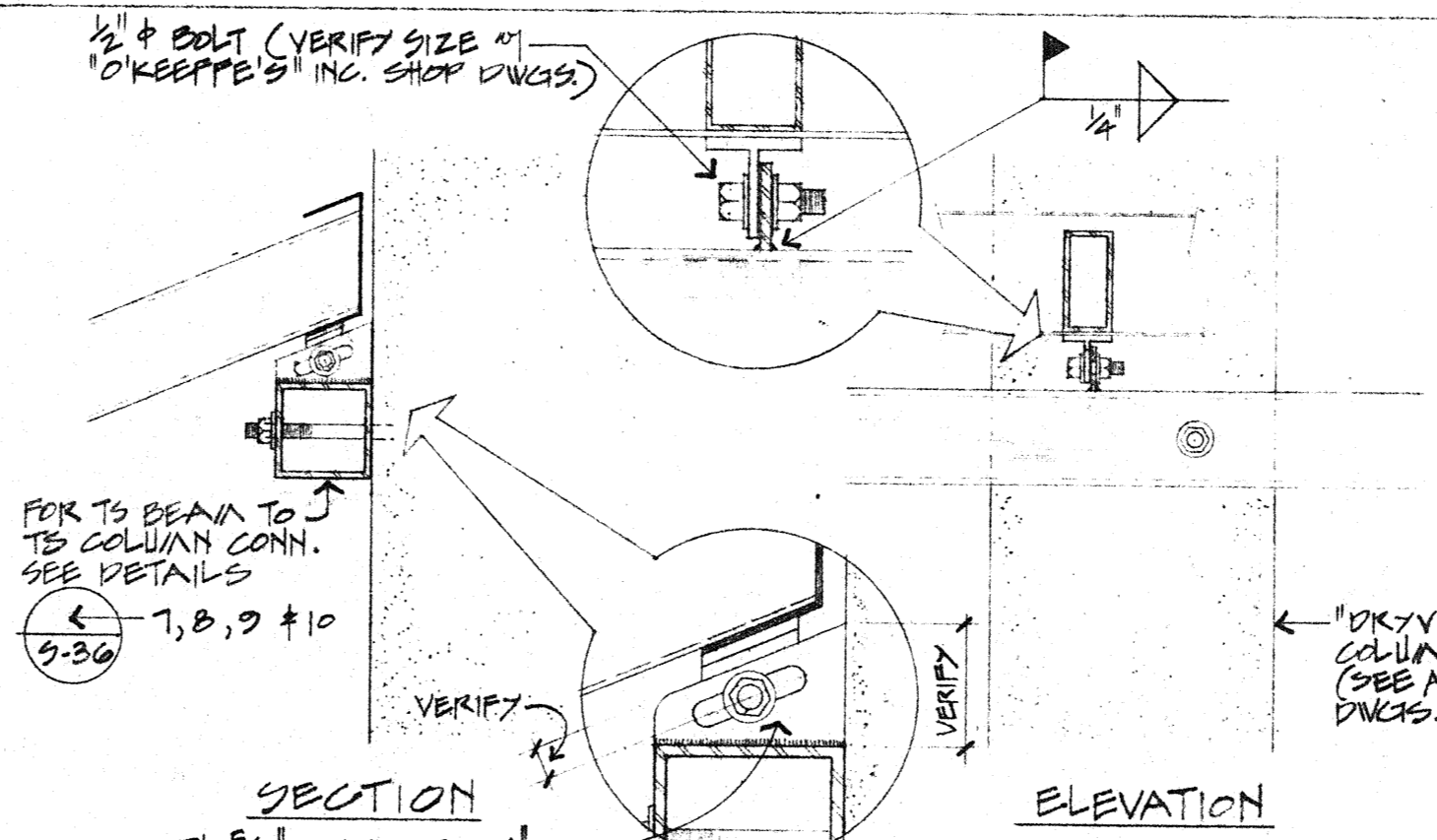
D SECTION
 9-35 SCALE: 1/2" = 1'-0"



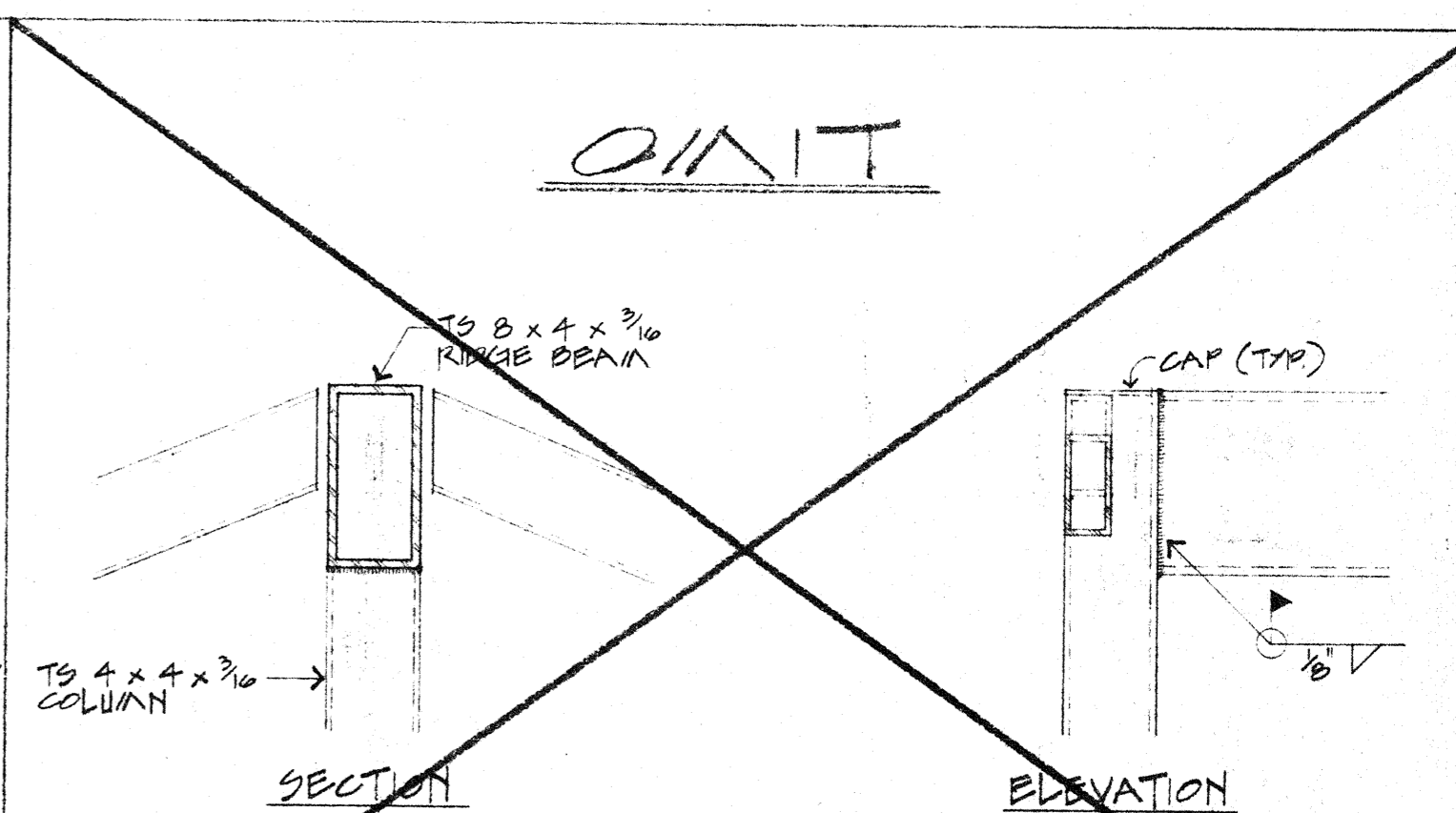
1 BEAMS TO COLUMN
 DETAIL
 9-35 SCALE: 1/2" = 1'-0"



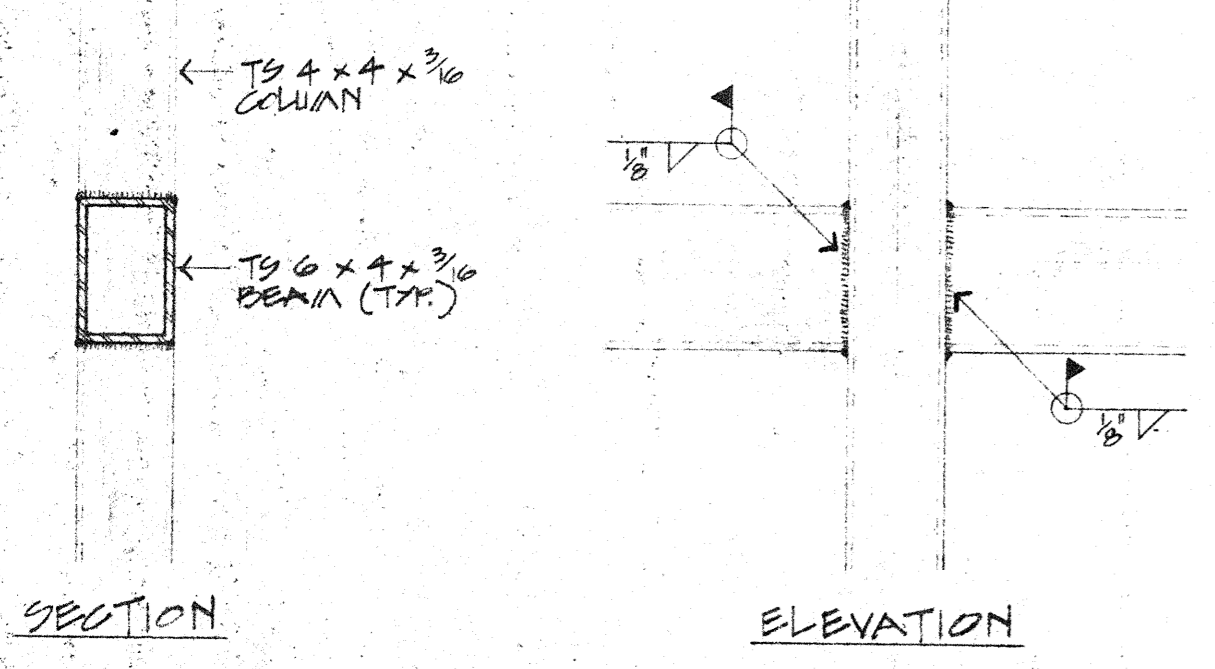
3 BEAMS TO COLUMN
 DETAIL
 9-35 SCALE: 1/2" = 1'-0"



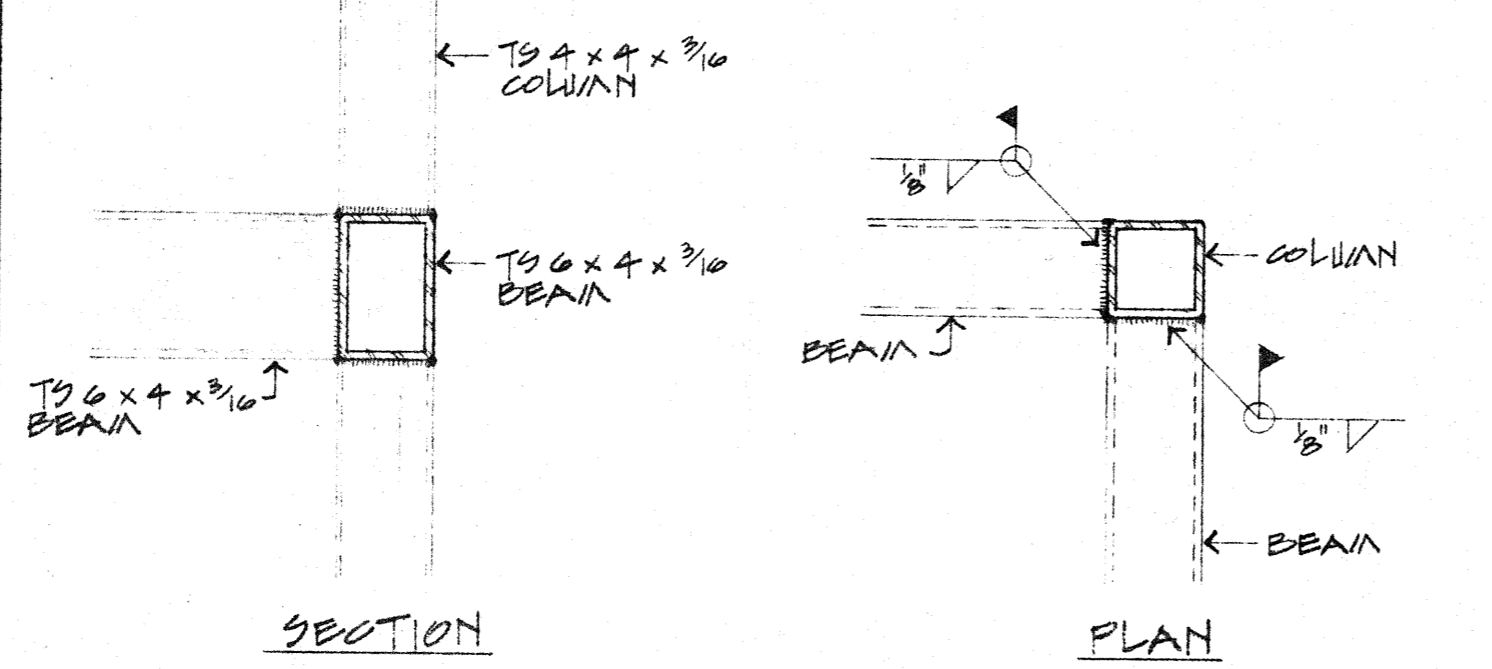
5 SEISMIC CONNECTION
 DETAIL
 9-35 SCALE: 1/2" = 1'-0"



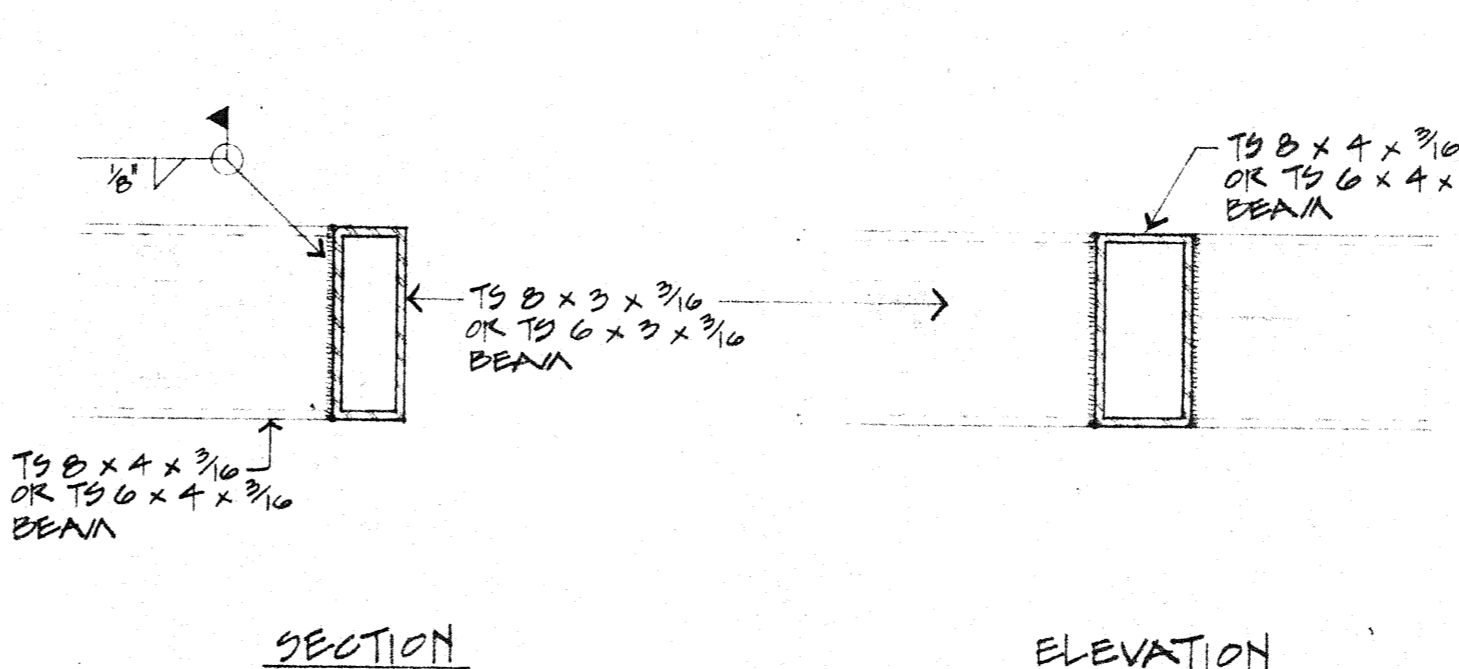
7 BEAM TO COLUMN
 DETAIL
 9- SCALE: 1/2" = 1'-0"



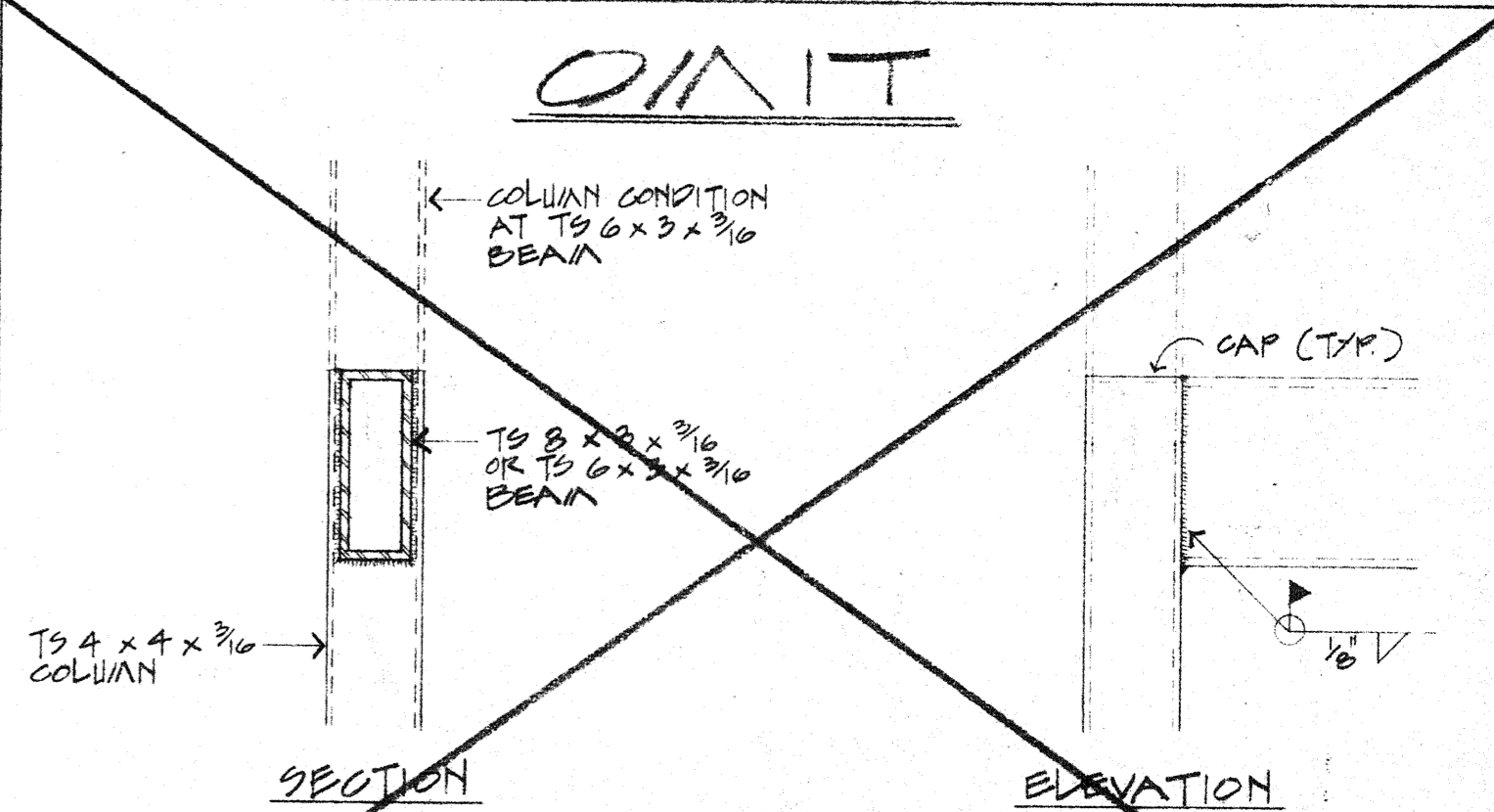
2 BEAMS TO COLUMN
 DETAIL
 9-35 SCALE: 1/2" = 1'-0"



4 BEAMS TO COLUMN
 DETAIL
 9-35 SCALE: 1/2" = 1'-0"



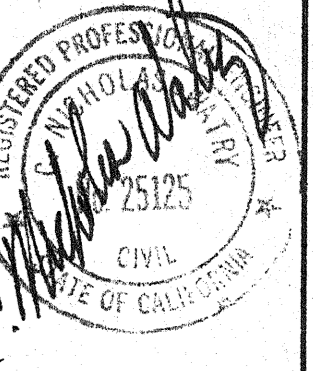
6 BEAM TO BEAM
 DETAIL
 9-35 SCALE: 1/2" = 1'-0"



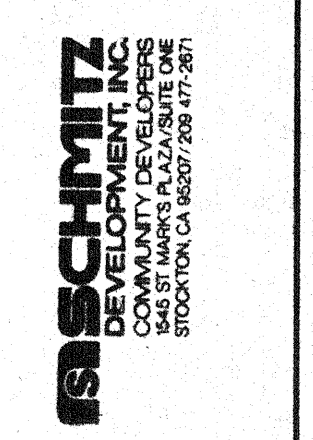
8 BEAM TO COLUMN
 DETAIL
 9- SCALE: 1/2" = 1'-0"

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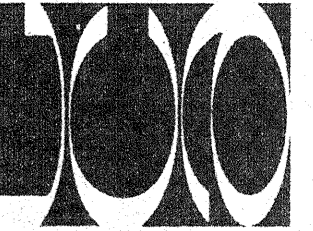
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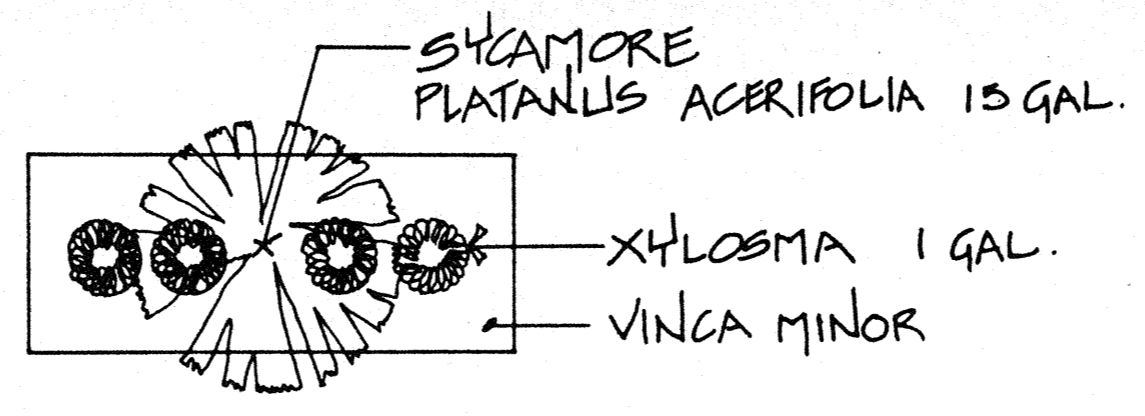


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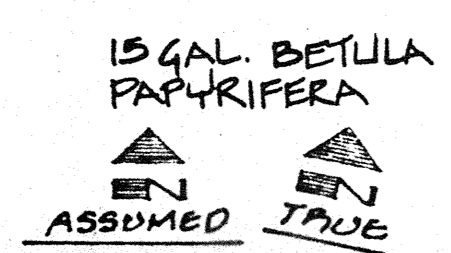
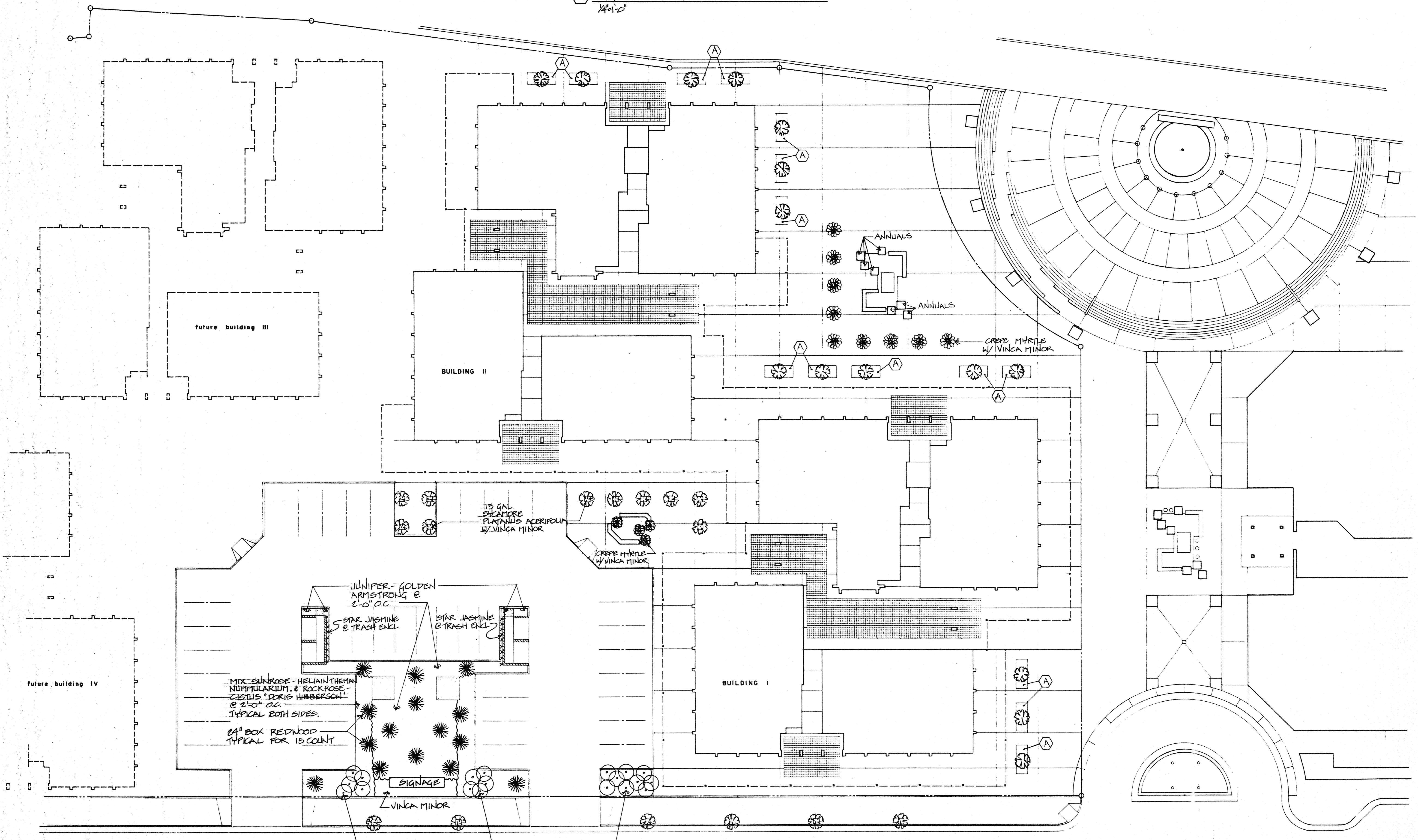


BLDG. 1

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(A) TYPICAL 4'x10' TREE WELL
1/4"=1'-0"



LANDSCAPE SITE PLAN
SCALE 1/16" = 1'-0"

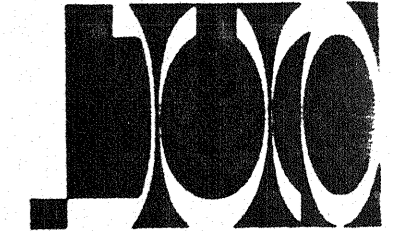
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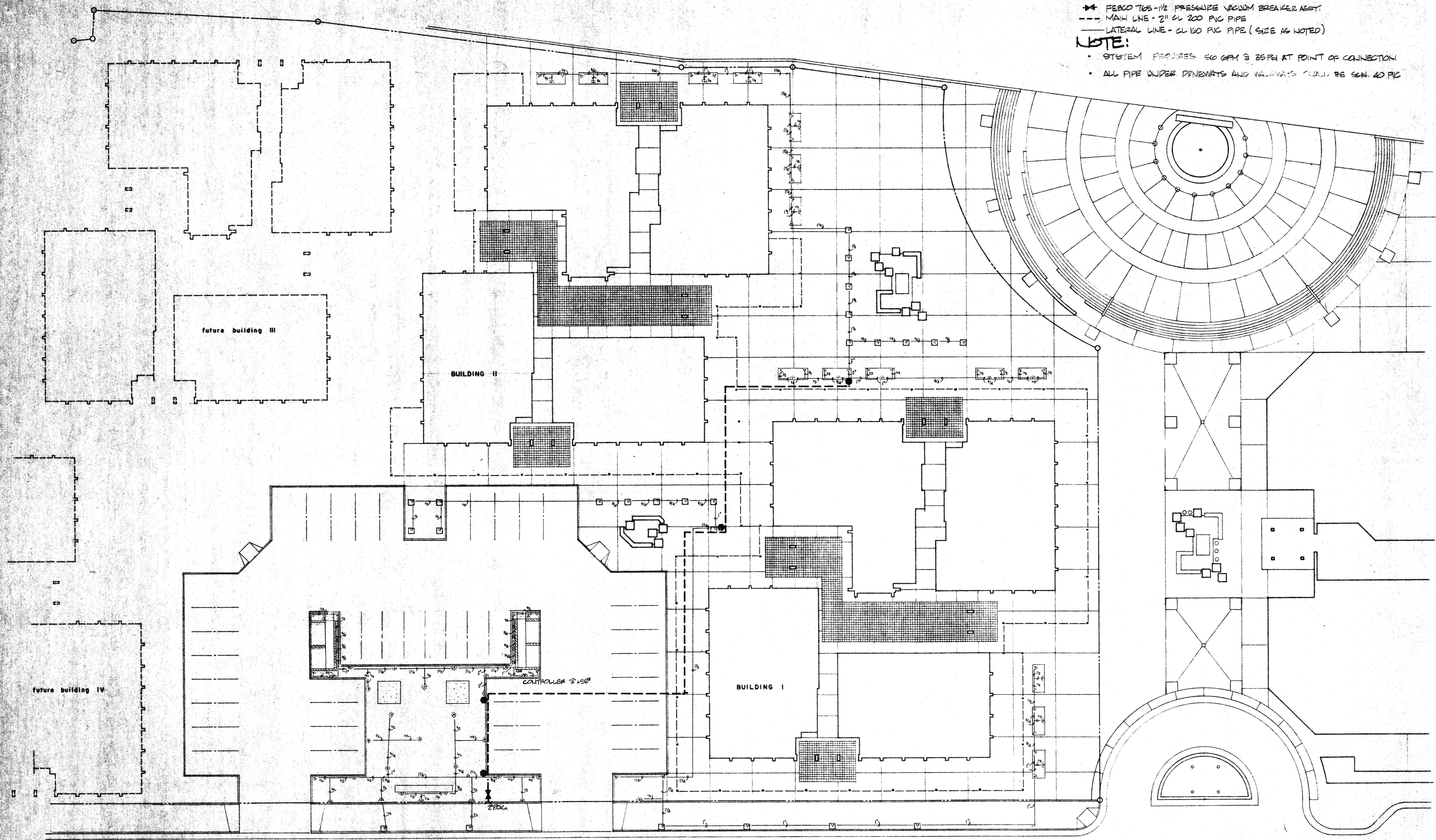
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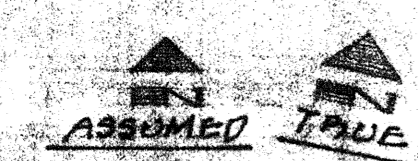


LEGEND:

- * RAINBIRD 2400 SERIES SHRUB SPRAY FULL CIRCLE
- * RAINBIRD 2400 SERIES SHRUB SPRAY HALF CIRCLE
- * RAINBIRD 2400 SERIES SHRUB SPRAY QUARTER CIRCLE
- RAINBIRD 2400 SERIES SHRUB SPRAY CENTER STRIP
- RAINBIRD EP-150 1/2" ELECTRIC VALVE IN PLASTIC PIT
- ⊠ IRRITROL MC 4 4 STATION CONTROLLER
- ⚡ FEBCO 765-1/2 PRESSURE VACUUM BREAKER ASST.
- - - MAIN LINE - 2" CL 200 PVC PIPE
- LATERAL LINE - CL 100 PVC PIPE (SIZE AS NOTED)

NOTE:

- SYSTEM REQUIRES 50 GPM @ 35 PSI AT POINT OF CONNECTION
- ALL PIPE UNDER DRIVEWAYS AND WALKWAYS SHALL BE 40 PVC



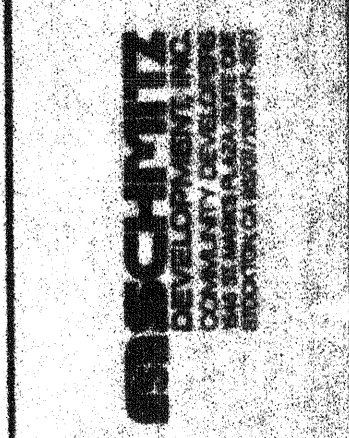
IRRIGATION SITE PLAN
SCALE 1/16" = 1'-0"

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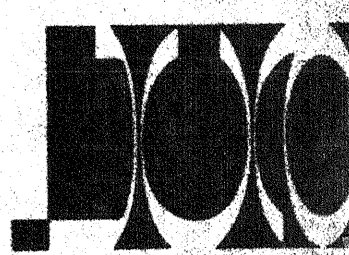
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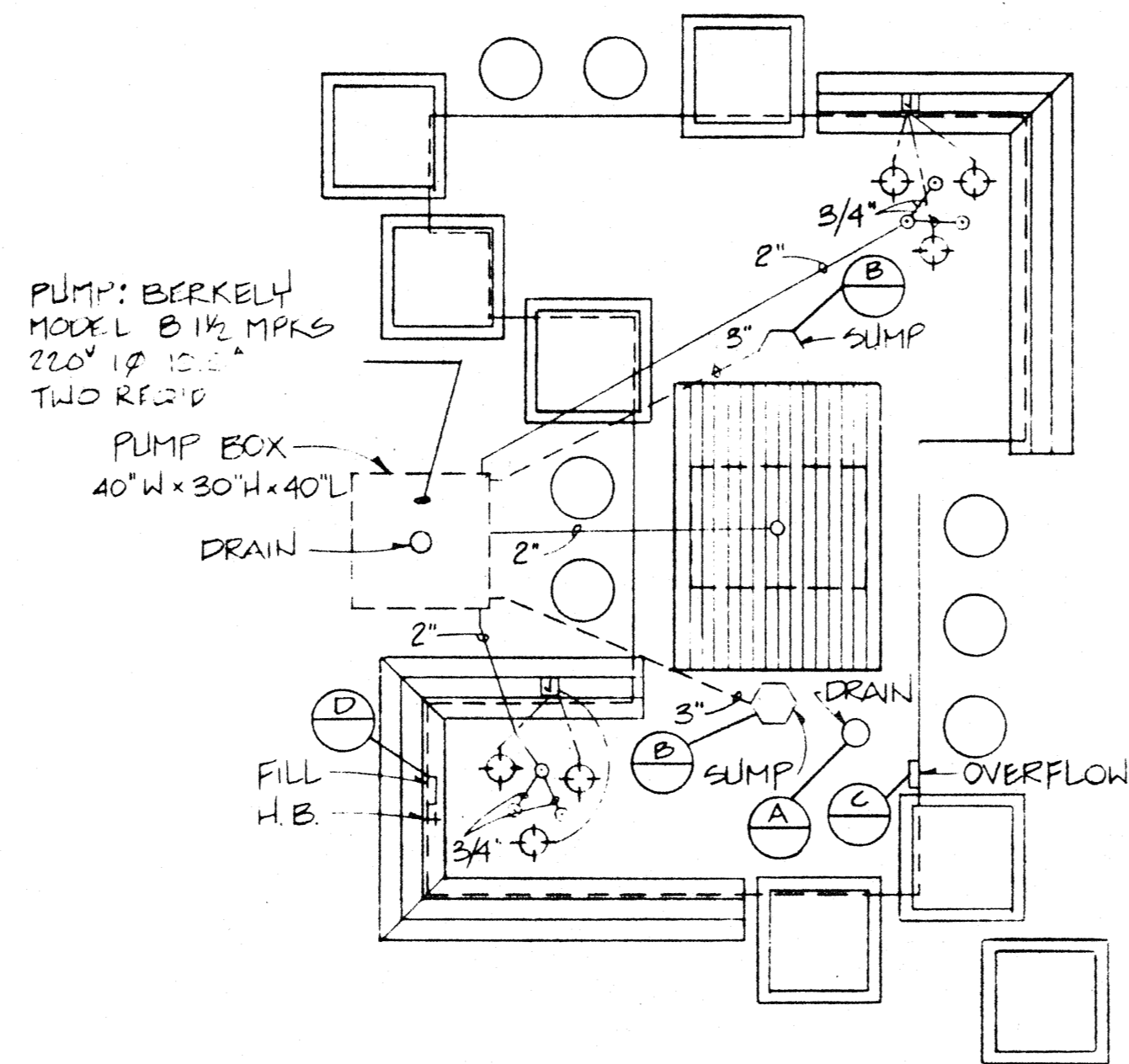
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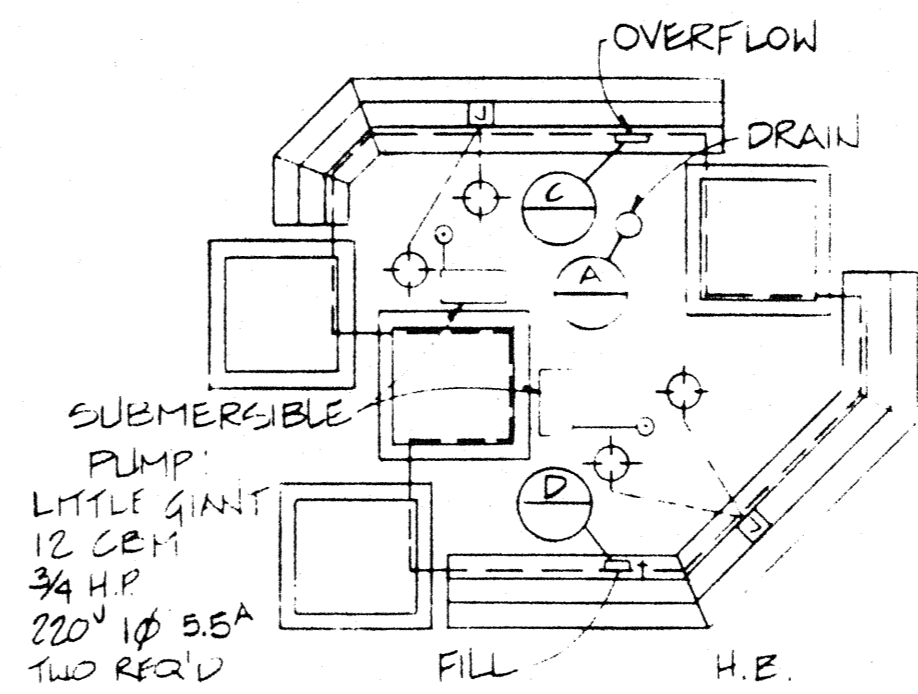


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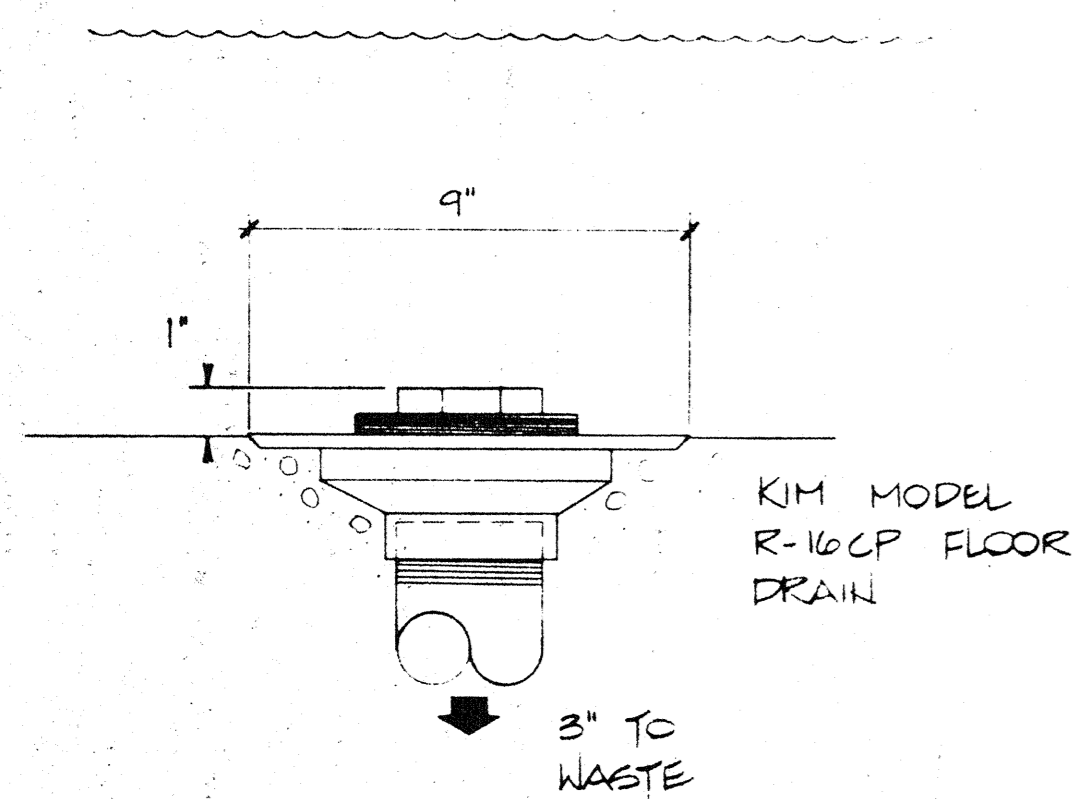


PUMP LAYOUT / WATER FEATURE NO 2
1/4" = 1'-0"

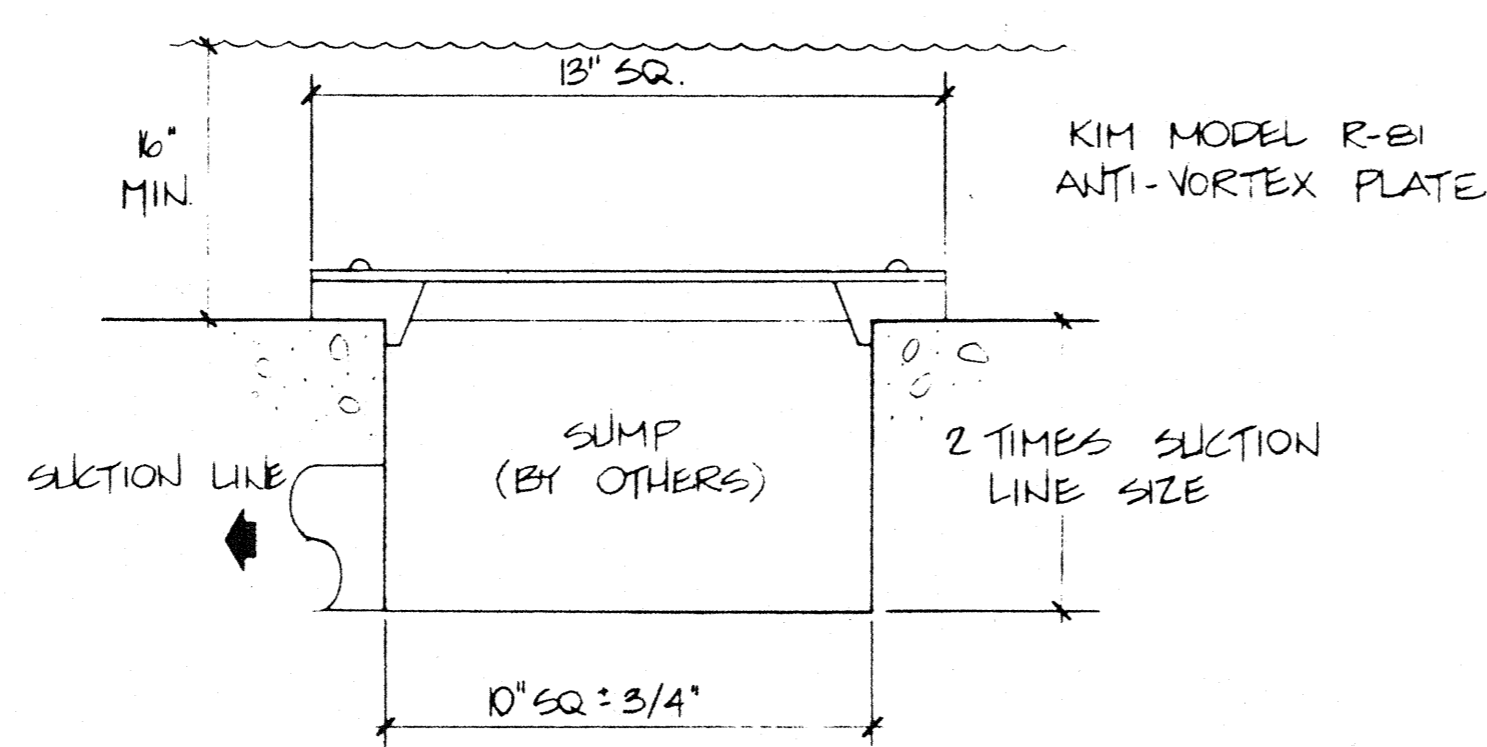


PUMP LAYOUT / WATER FEATURE NO 1
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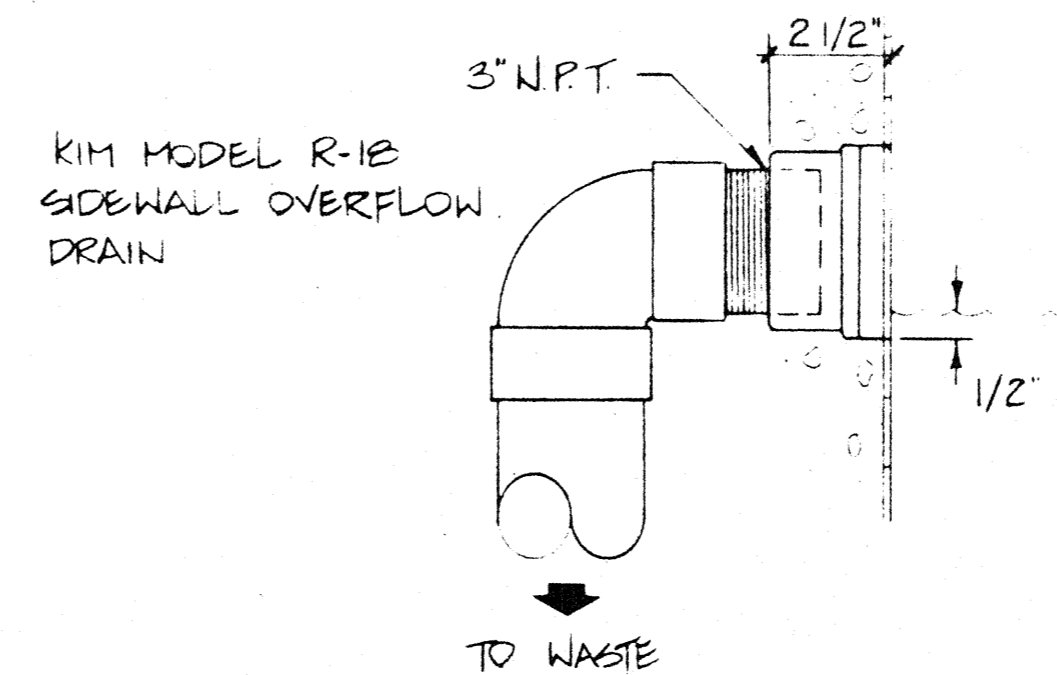
NOTE:
ALL SUBMERSIBLE LITES
TO BE RAIN JET MODEL 4600
UNDERWATER FOUNTAIN LITE.



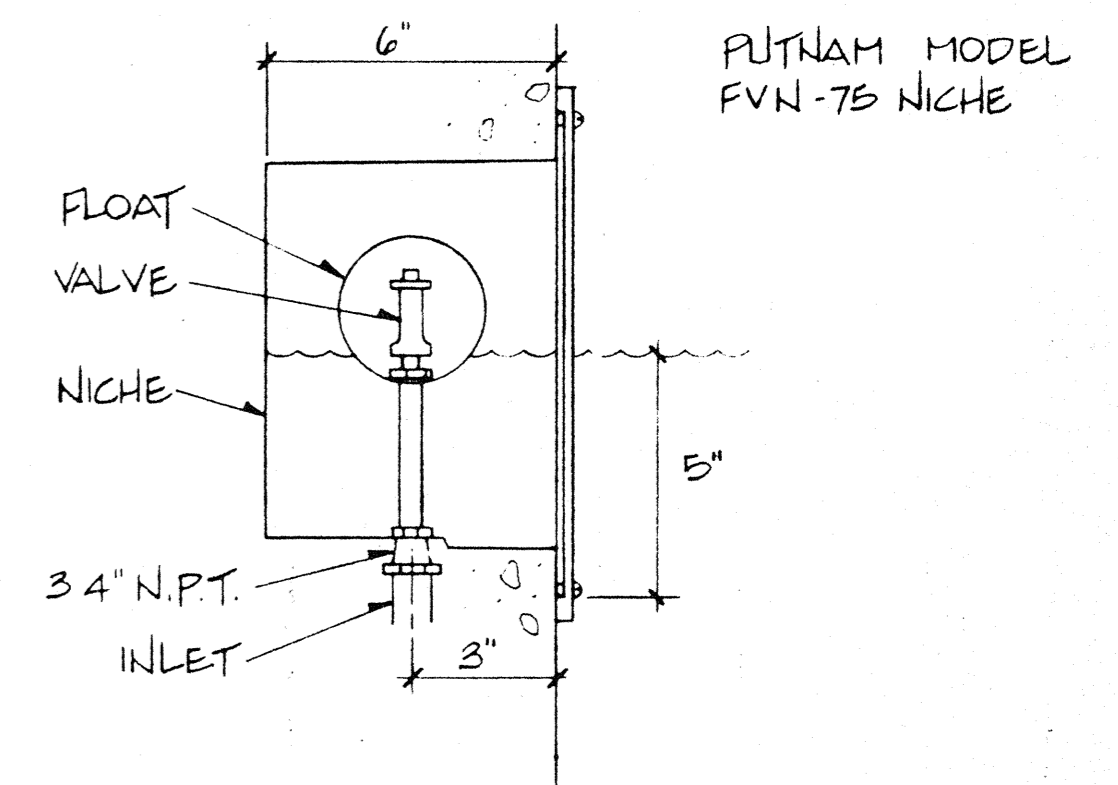
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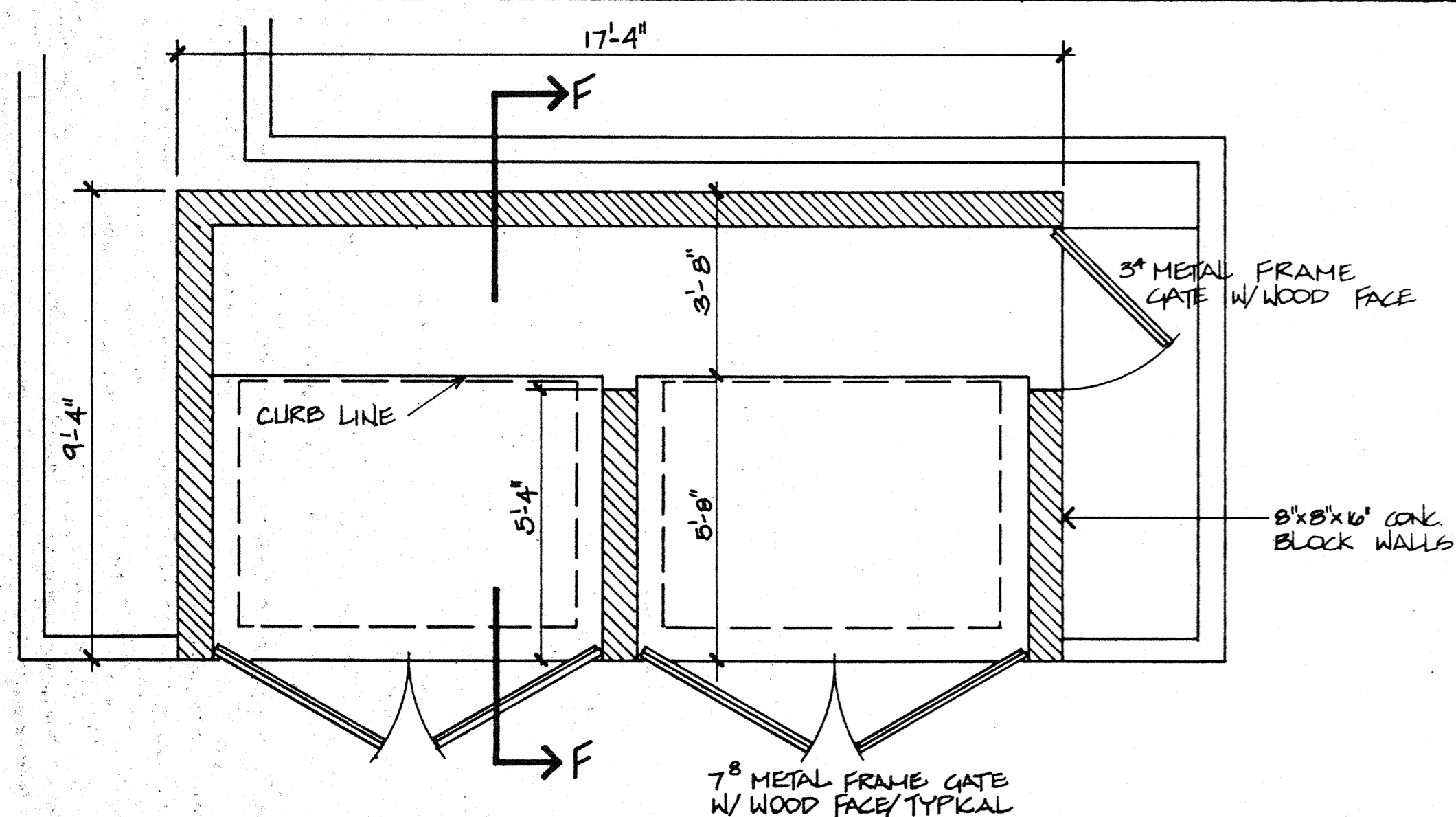
(B) TYP. SUMP DETAIL 3" = 1'-0"



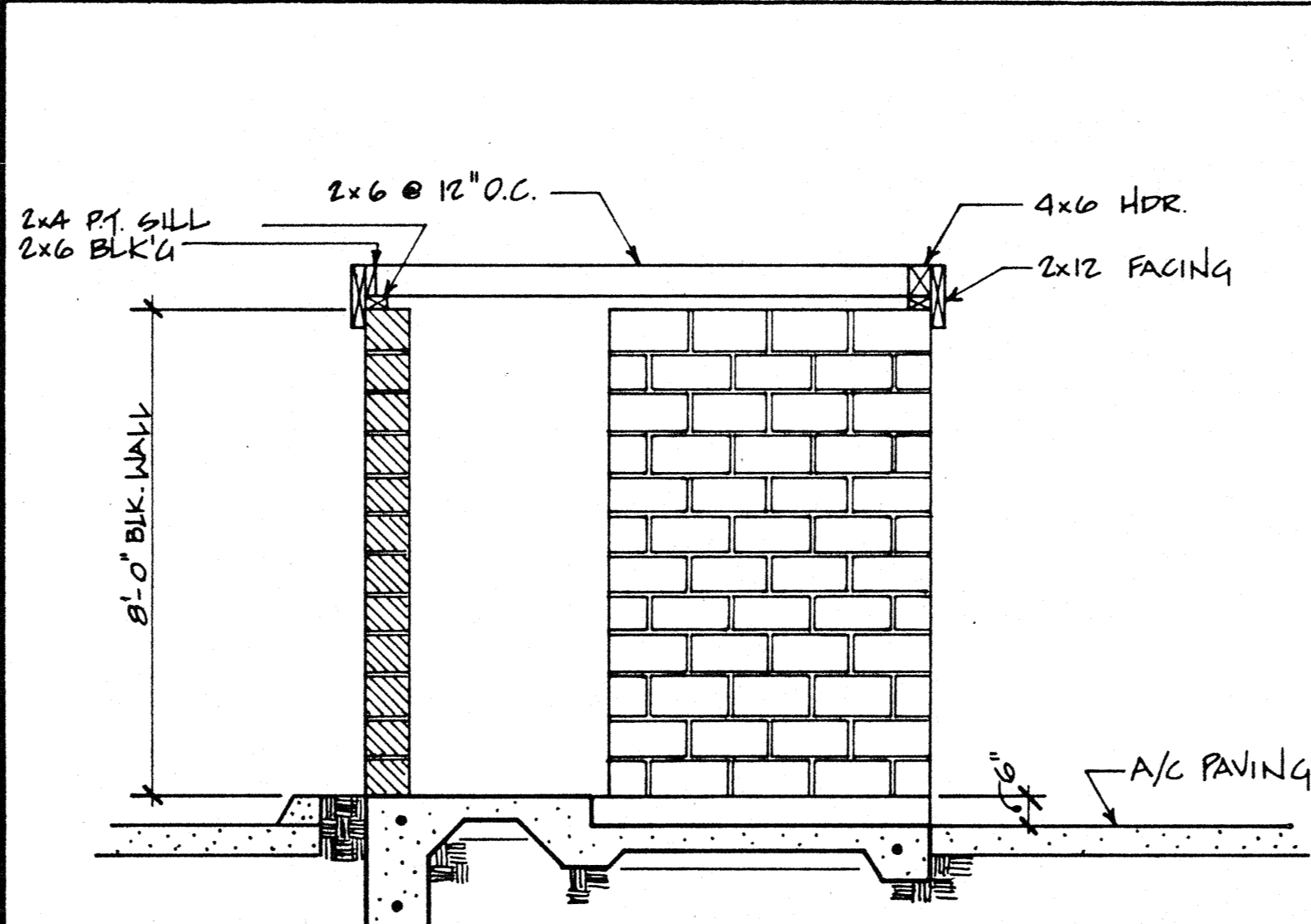
(C) TYP. OVERFLOW DETAIL 3" = 1'-0"



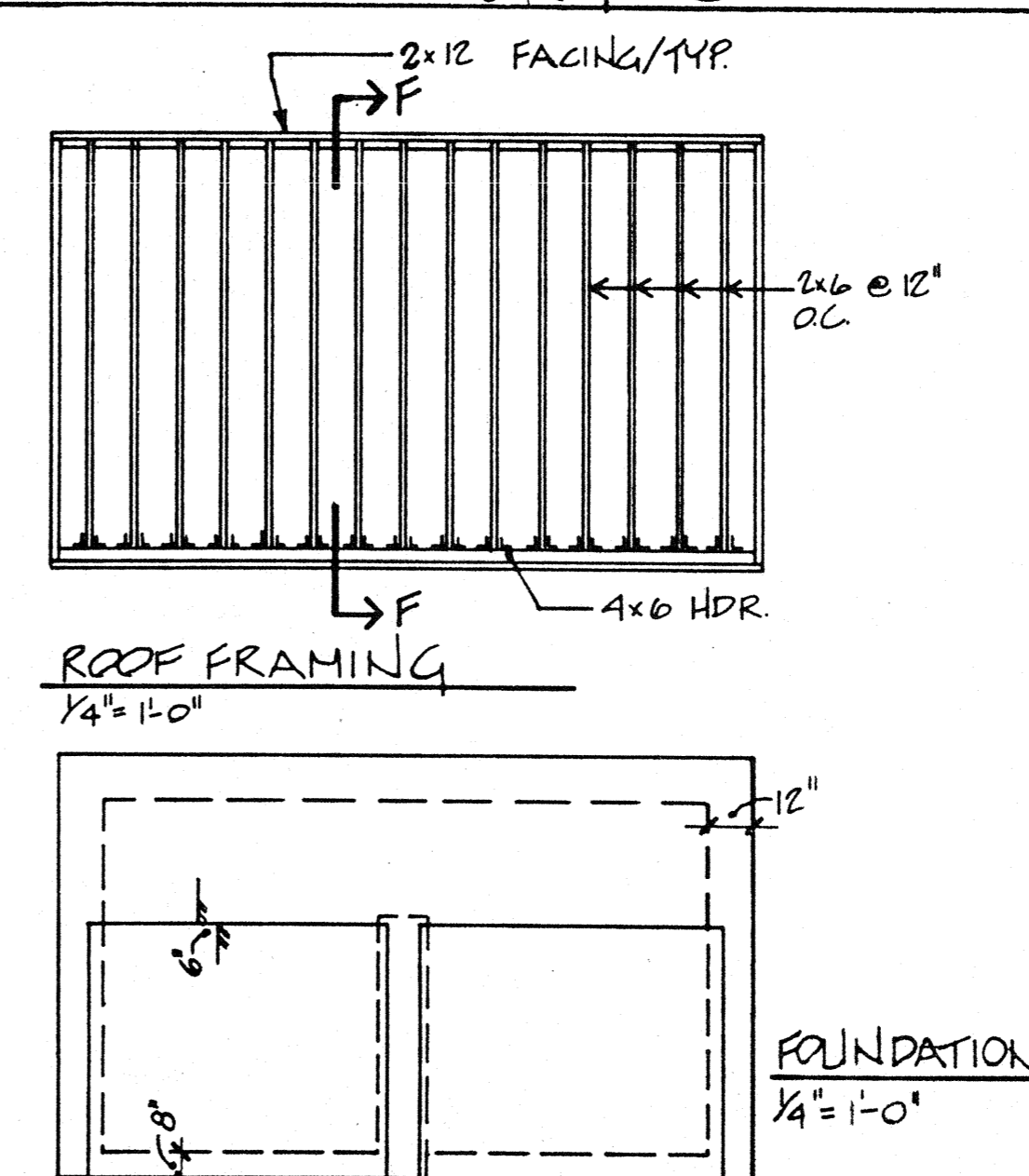
(D) TYP. WATER LEVEL CONTROL 3" = 1'-0"



(E) TRASH ENCLOSURE PLAN VIEW 3/8" = 1'-0"



(F) TRASH ENCLOSURE SECTION 3/8" = 1'-0"



(G) TRASH ENCLOSURE FRAMING

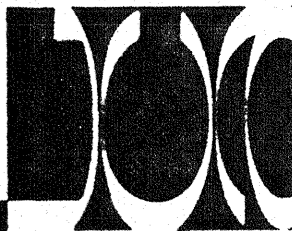
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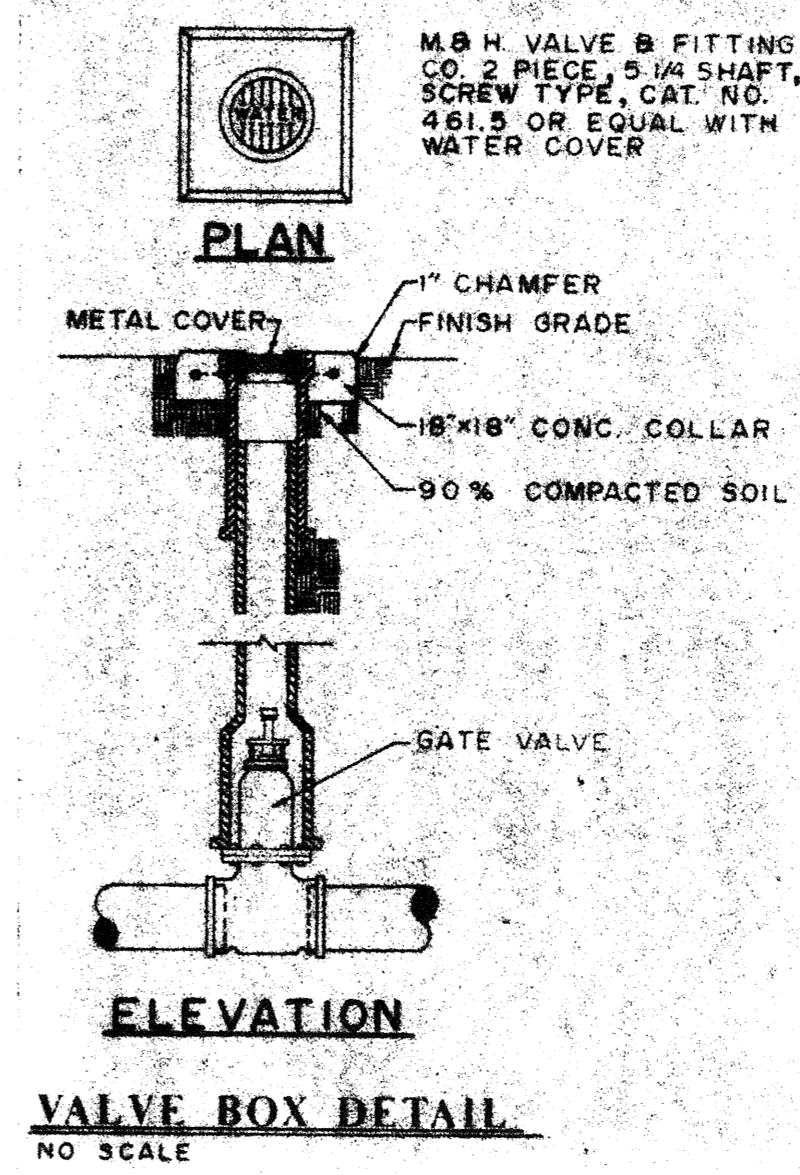
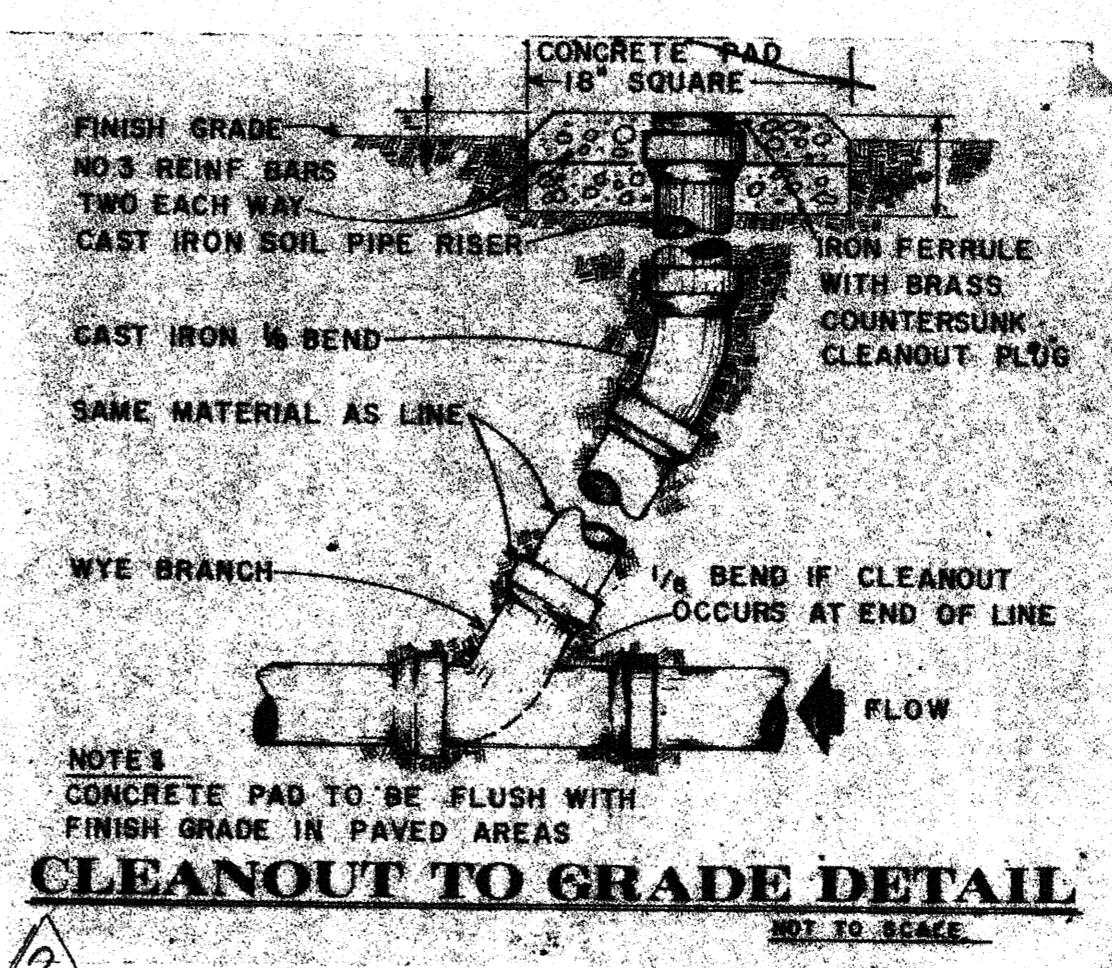
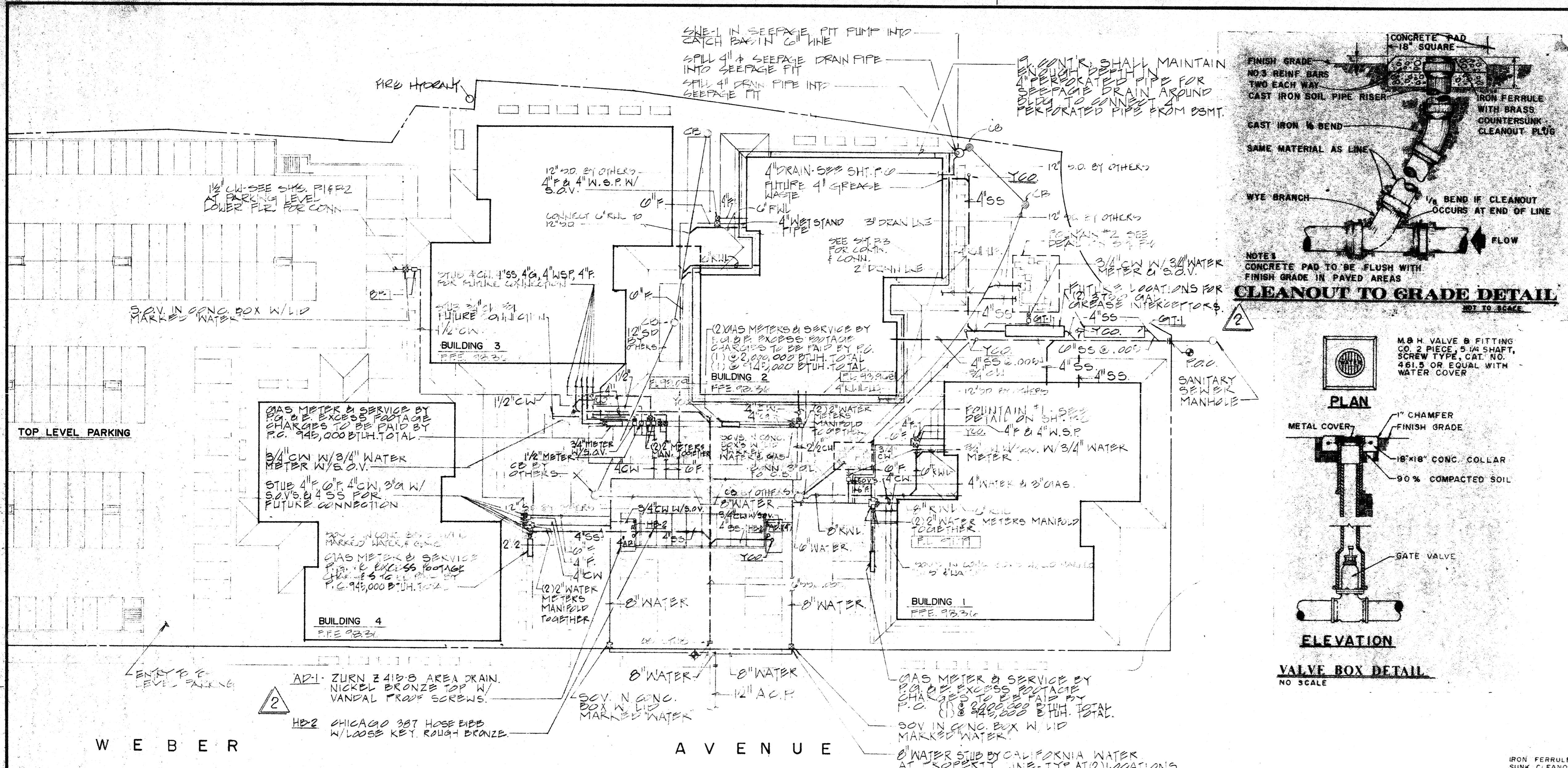
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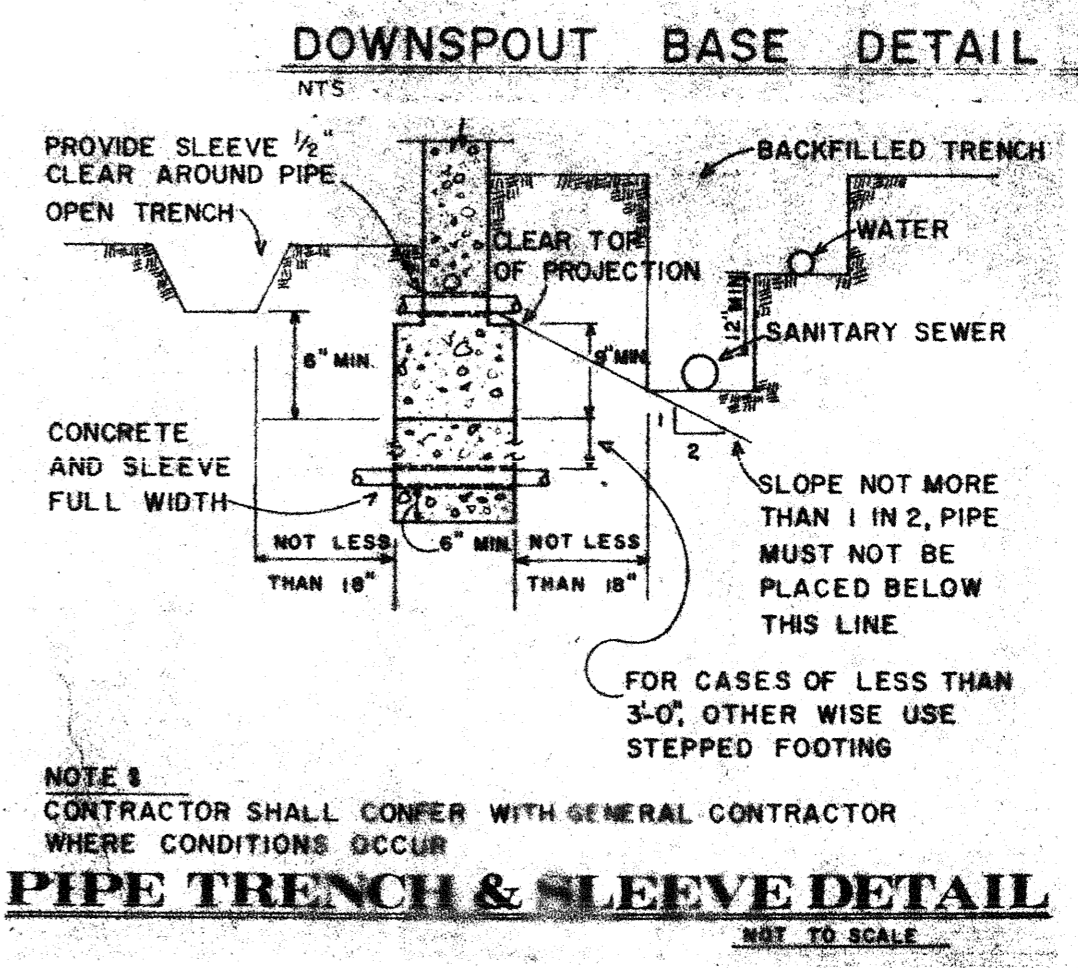
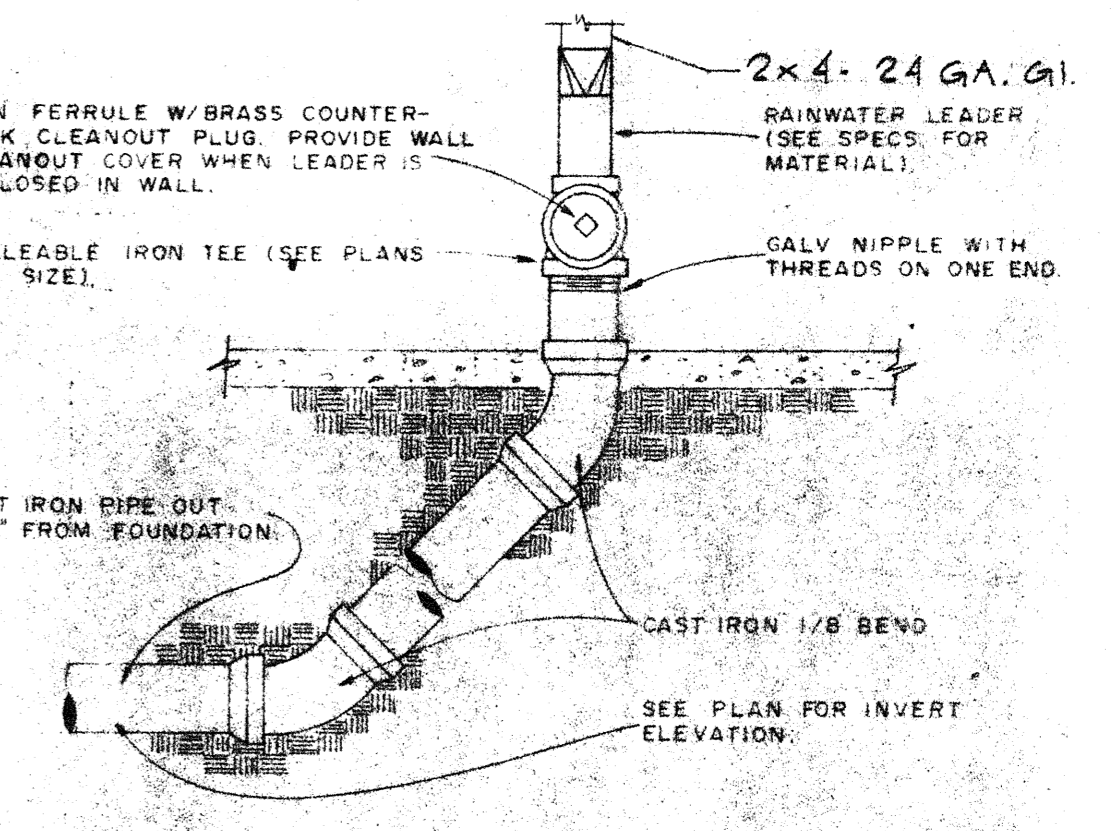
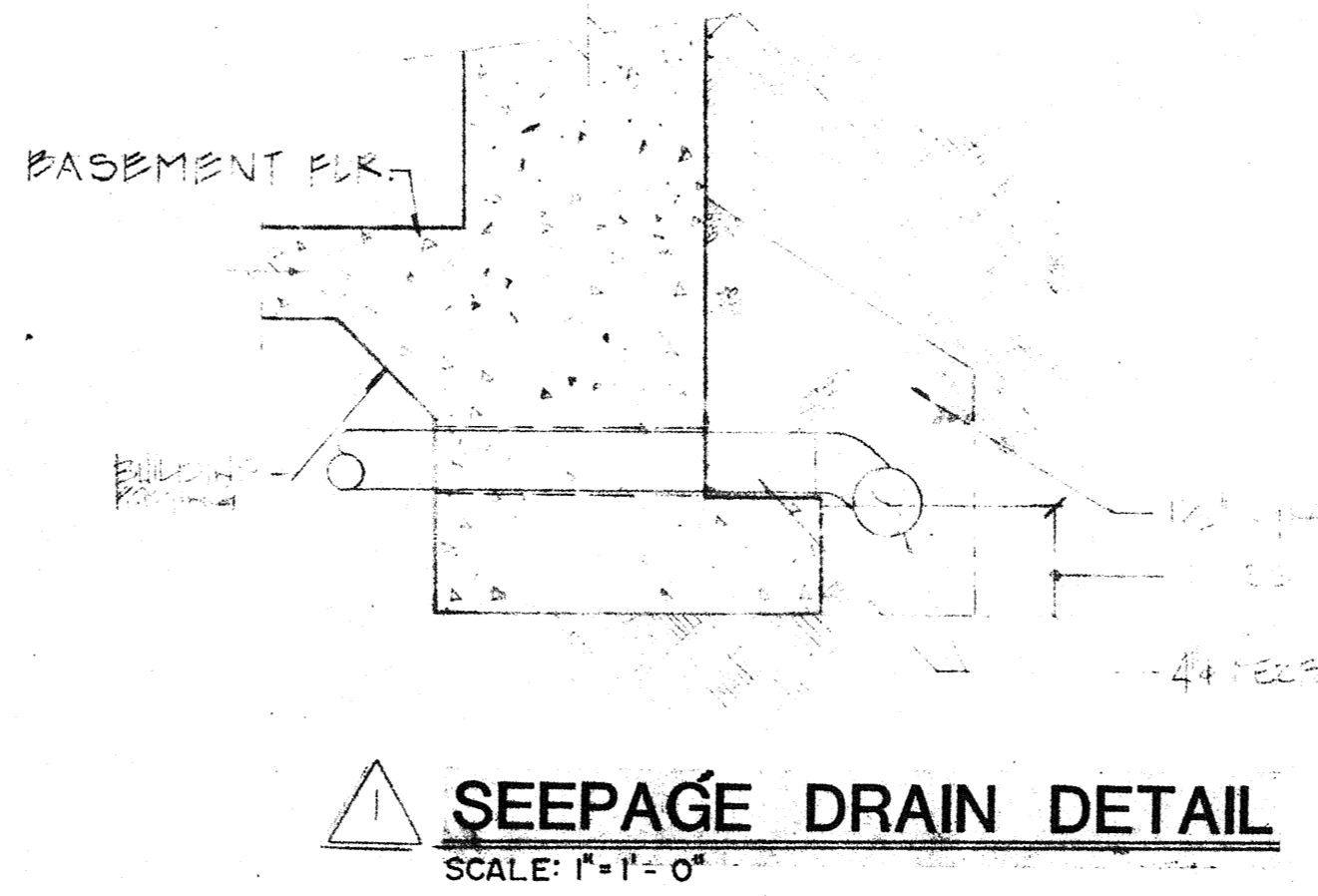
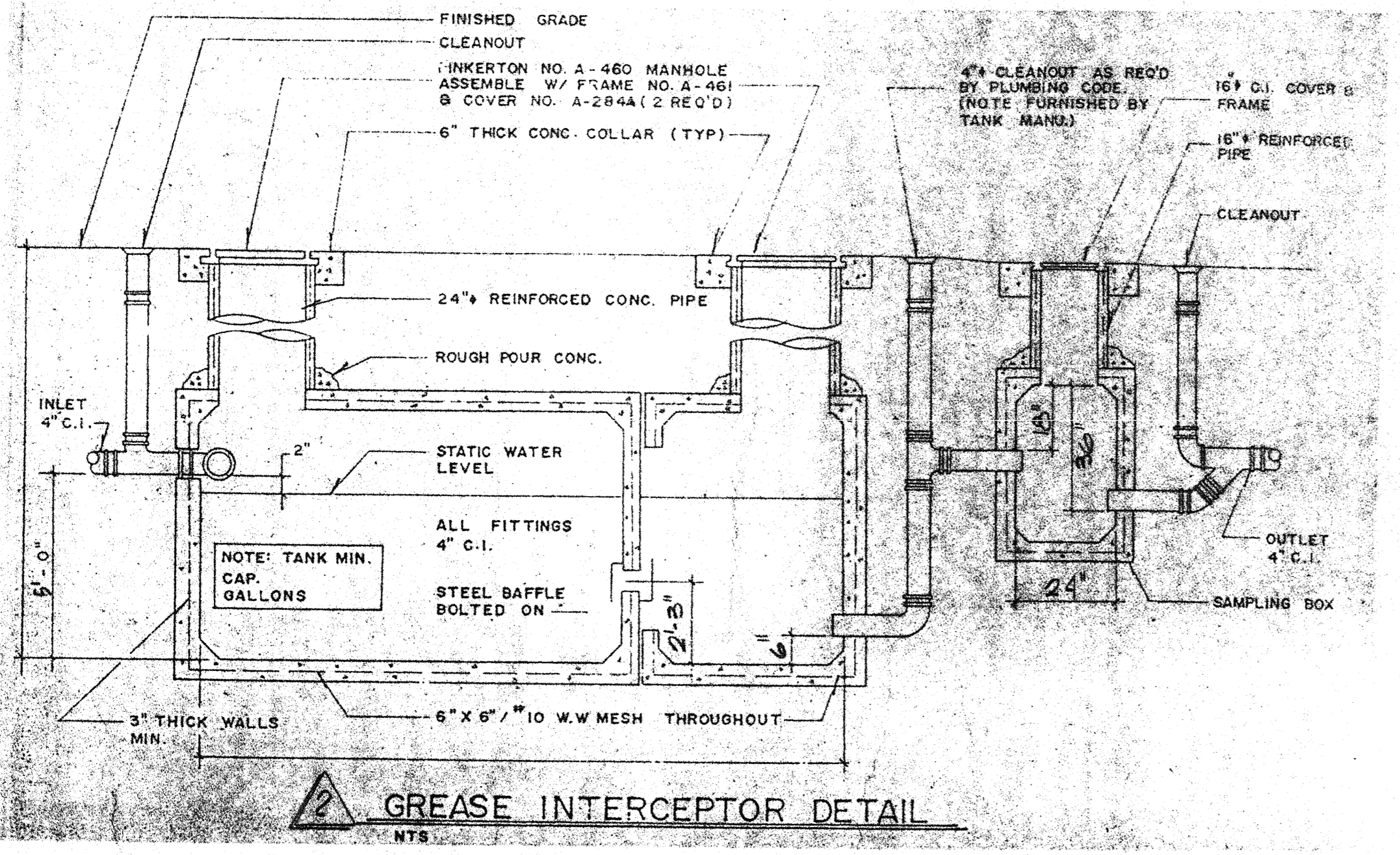


Symbol	Description
SS	SEWER LINE, SANITARY SEWER
SD	STORM DRAIN LINE
CD	CONDENSATE DRAIN
WC	WATER CLOSET
Y, V, W, T	VENT, VENT RISER, VENT THRU ROOF
W, W, D	WASTE, WASTE DROP
DL	DRAIN LINE
DS	DOWN SPOUT
INTDS	INTERIOR DOWN SPOUT
RD	ROOF DRAIN
A, D	AREA DRAIN
CS, DI	CATCH BASIN (DROP INLET)
CO	CLEAN OUT
WCO	WALL CLEAN OUT
FOD	FLOOR CLEAN OUT TO GRADE
FOD	FLOOR CLEAN OUT
FSD	FLOOR SINK
TPV	TRAP PRIMER VALVE
CW, DR	COLD WATER (DROP) RISER
HW, DR, RT	HOT WATER SUPPLY (DROP) (RISER) (RETURN)
THW	TEMPERED HOT WATER (115°F)
N, PG	NATURAL GAS LOW PRESSURE (PROPANE)
HPG	HIGH PRESSURE GAS
CA	COMPRESSED AIR
HB	HOSE BIBB
GV	GATE VALVE
SOV	SHUT OFF VALVE
BLV	BALANCING VALVE
GC	GAS COCK
SLV	SLOPE VALVE
EJ	EXPANSION JOINT W/ PIPE GUIDES, ANCHOR
MV	MIXING VALVE
WC	WATER CLOSET
UR	URINAL
LAV	LAVATORY
S	SINK
SS	SERVICE SINK
WBD	WASHER, DRYER
DF	DRINKING FOUNTAIN
GD	GARBAGE DISPOSAL
WHA	WATER HAMMER ARRESTER W/ SIZE
F	FIRE PROTECTION LINE
FHC	FIRE HOSE CABINET
FHS	FIRE HOSE CYPARPIPE
INV	INVERT ELEVATION
FIN	FINISH GRADE
PC	POINT OF CONNECTION
A.P.	ACCESS PANEL
CI	CAST IRON
VC	VITRIFIED CLAY
E	ENTER LINE
HDR	HEADER
DWN	DOWN
MBH	THOUSANDS OF BTU PER HOUR
NIP	NOT IN PLUMBING CONTRACT
UP	UNDER PLUMBING CONTRACT
RWL	RAIN WATER LEADER
UG	UNDER GROUND
US	UNDER SLAB
CKV	CHECK VALVE
WS	WET STAND PIPE

WEBER AVENUE

AVENUE

2 PLUMBING SITE PLAN
SCALE: 1" = 30'-0"



ALEXANDER SCHEFFLO and ASSOCIATES
MECHANICAL ENGINEERS
2918 PACIFIC AVE. PHONE 949-979-5700 STOCKTON, CALIF. 95204

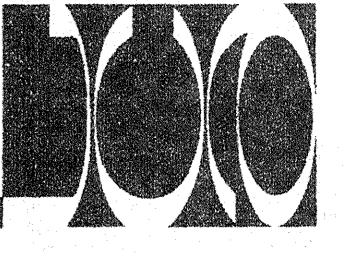
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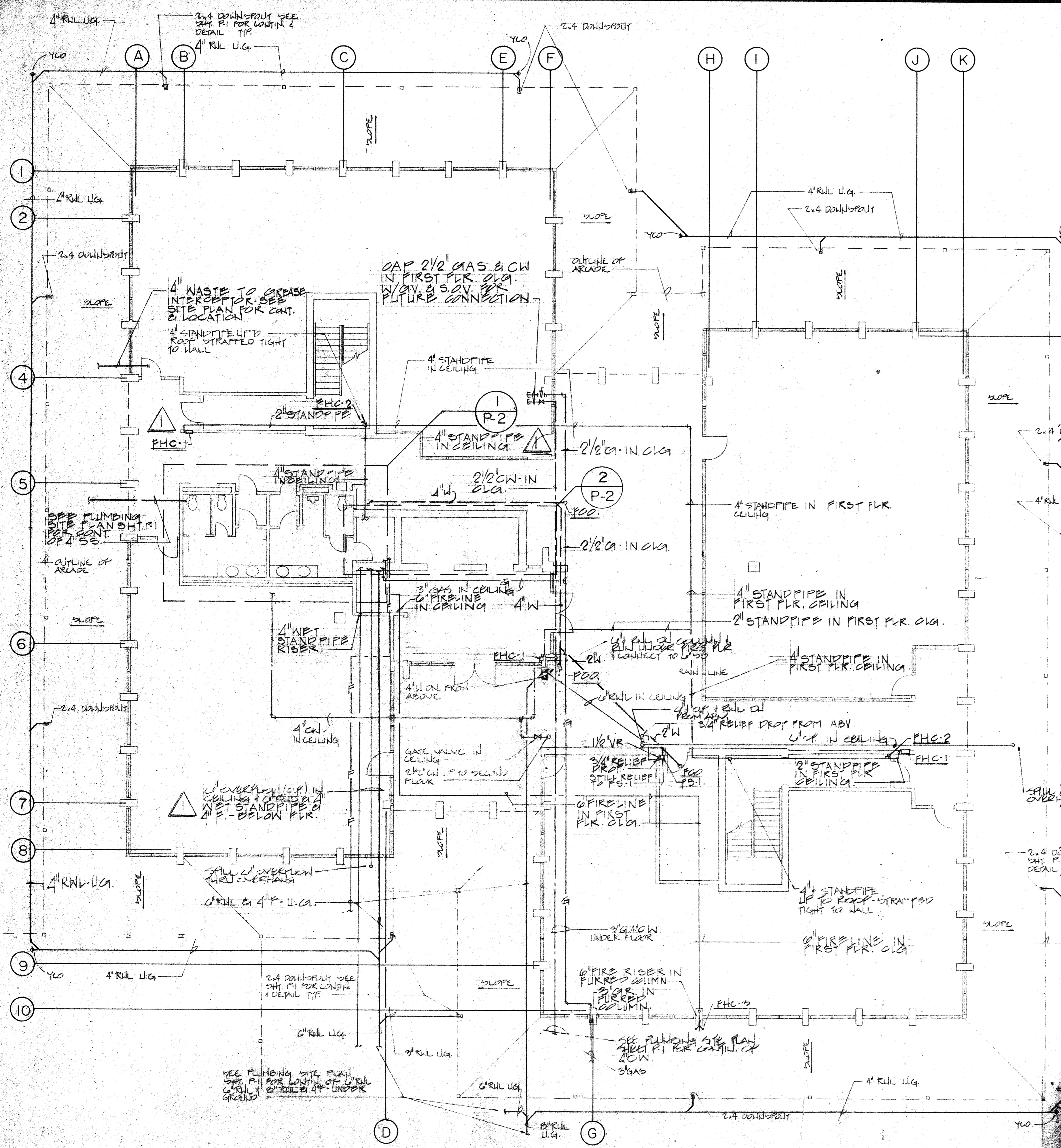
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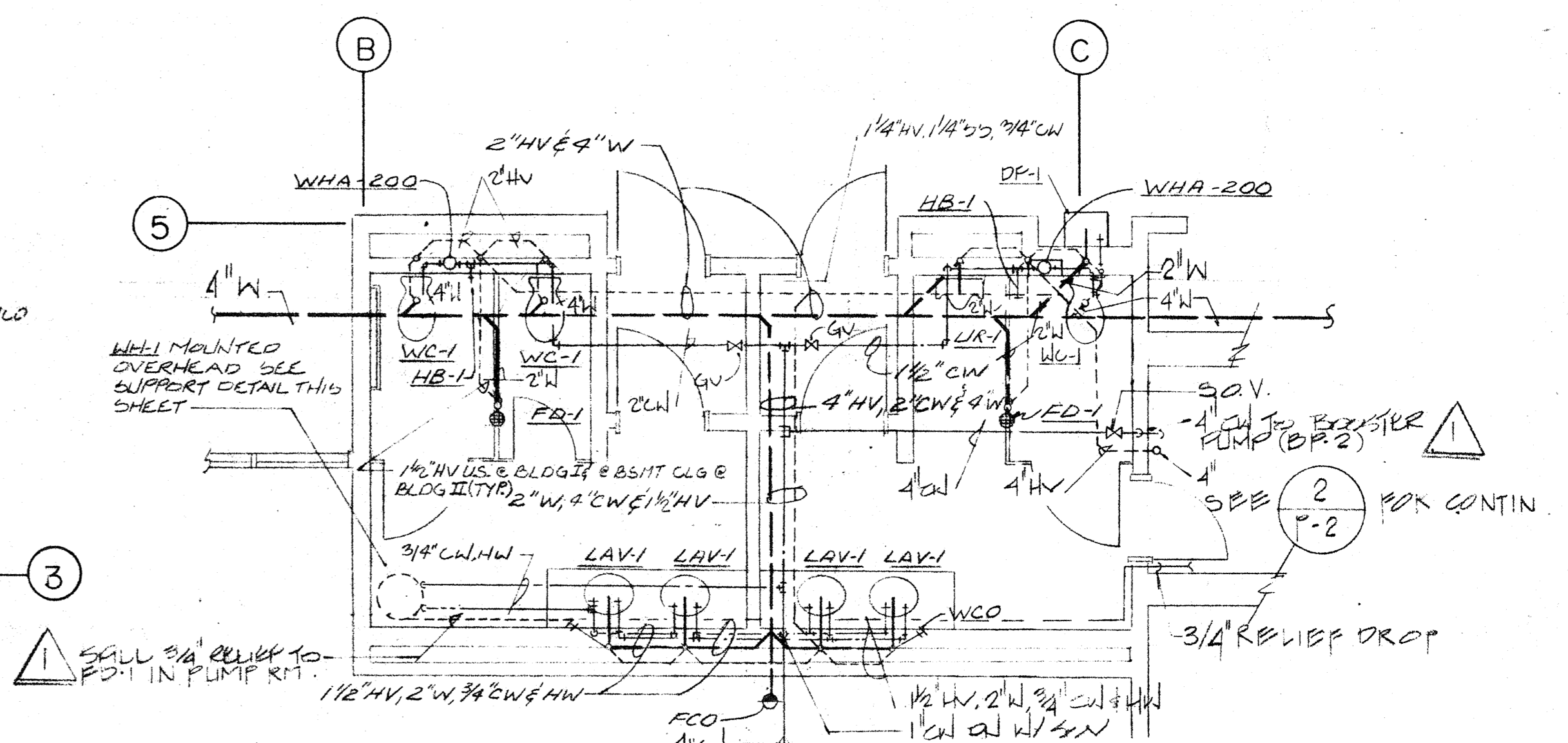
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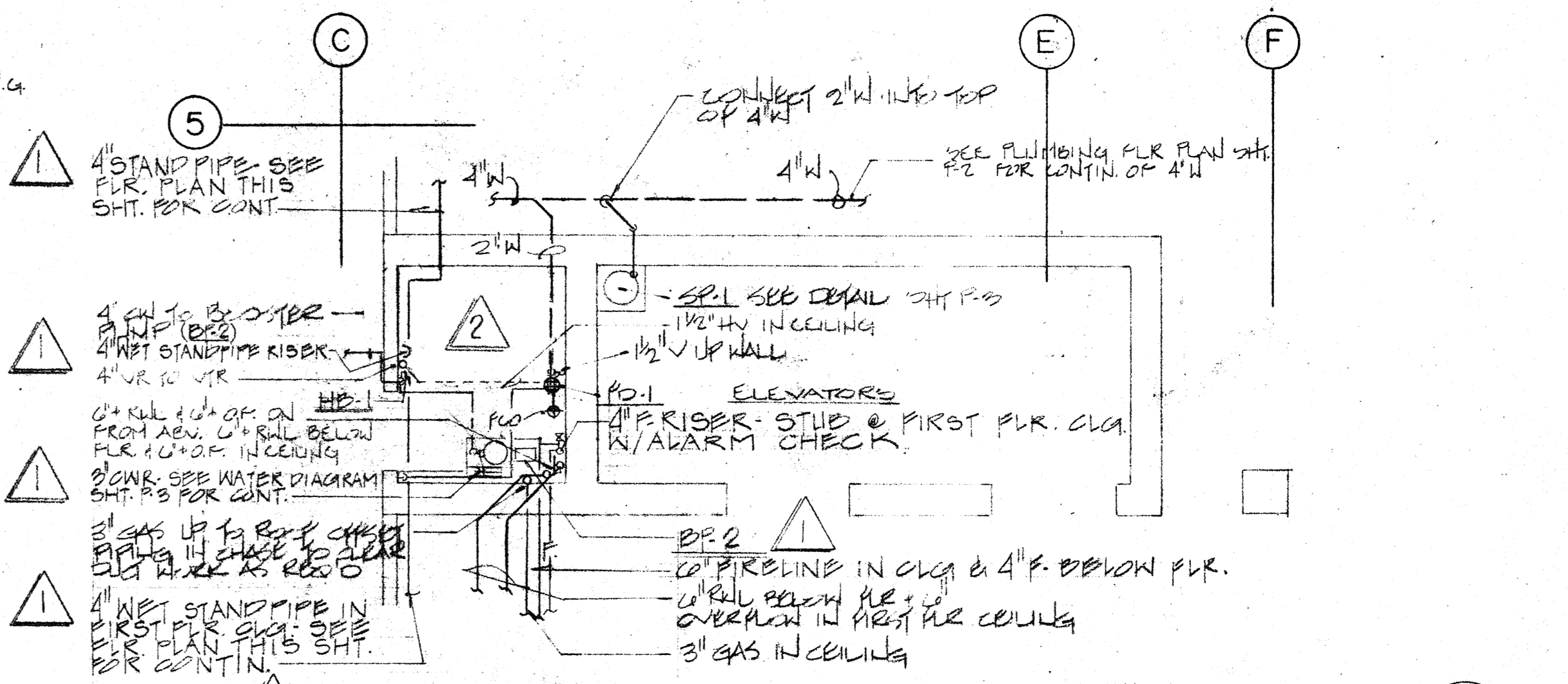




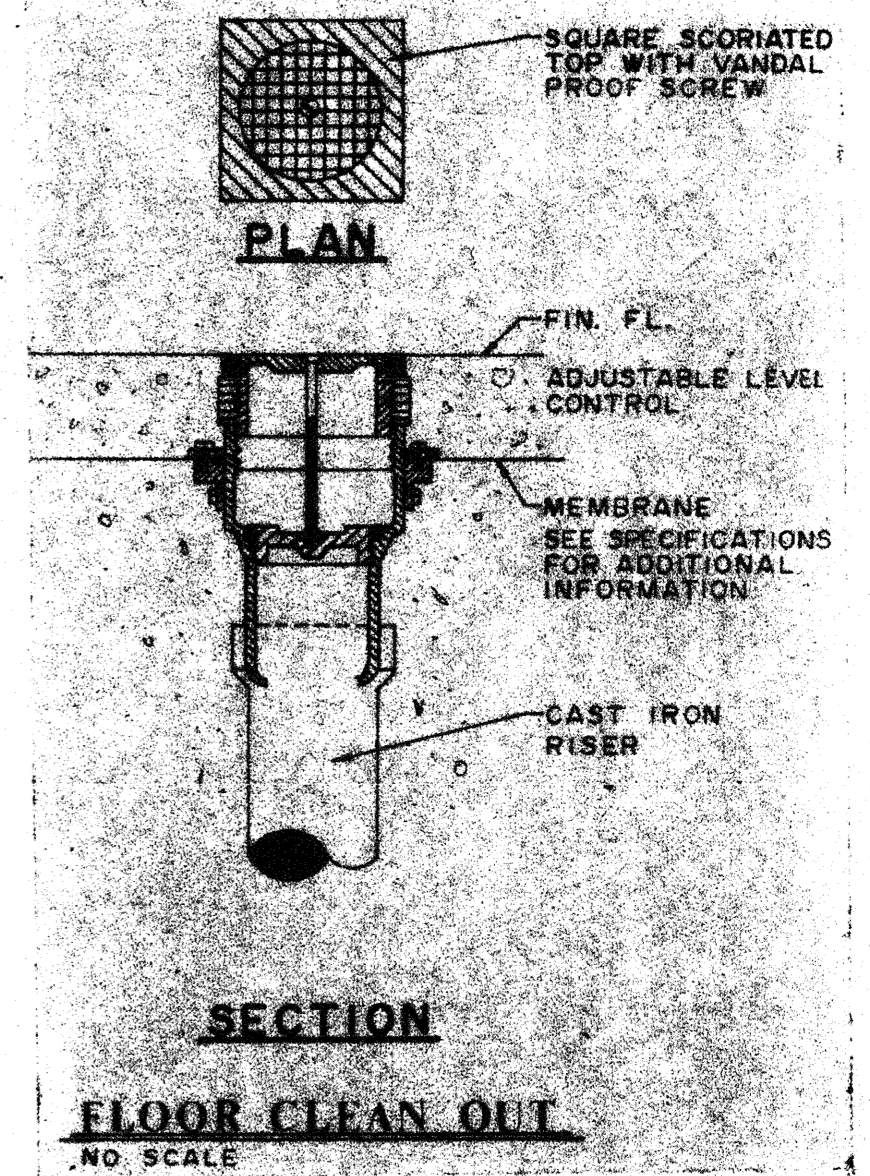
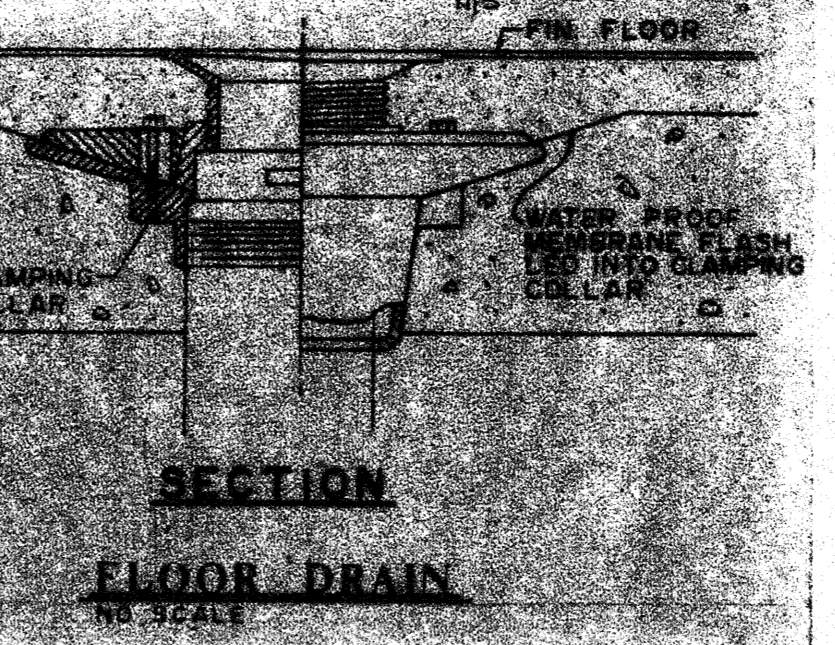
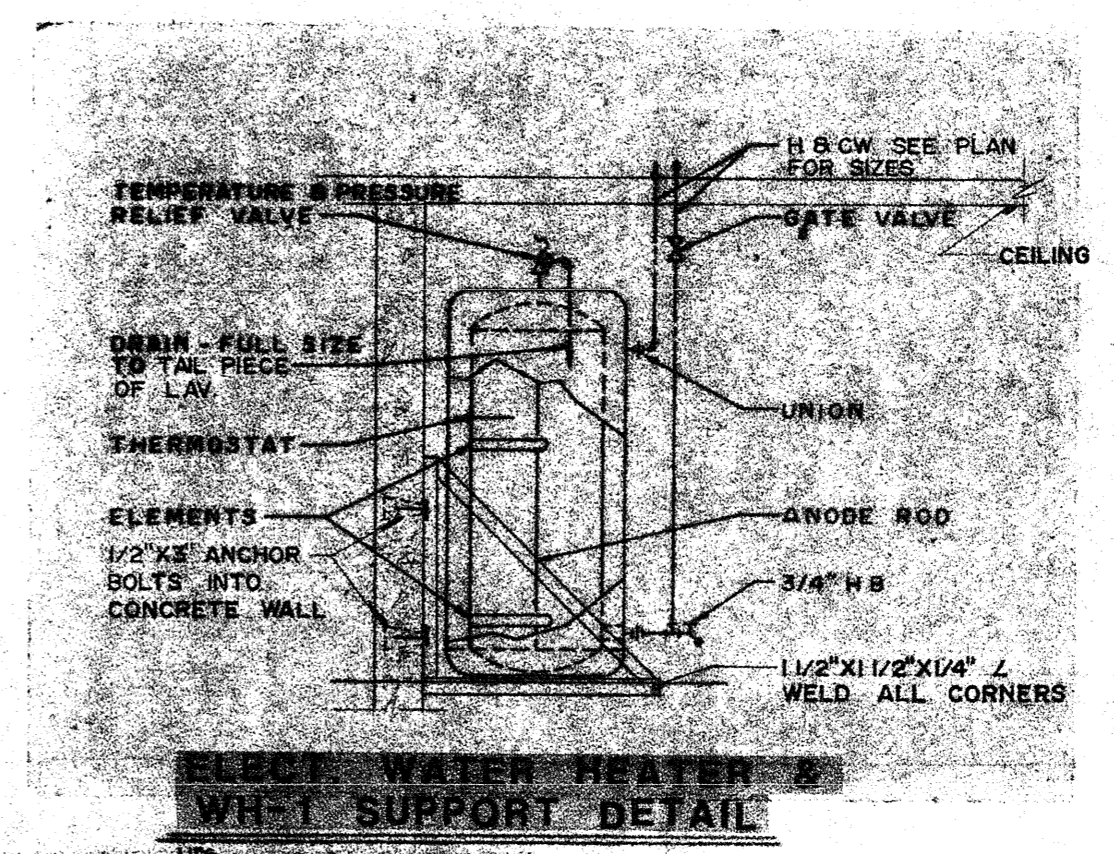
2 PLUMBING FIRST FLOOR PLAN BUILDING TYPE I
SCALE: 1/8" = 1'-0"



1 PLUMBING PARTIAL FIRST FLOOR PLAN BUILDING 1&2
SCALE: 1/4" = 1'-0"
NOTE: ALL HOT WATER VENT & G.V.'S SHALL BE LOCATED IN CEILING UNLESS OTHERWISE NOTED



2 PLUMBING PARTIAL FIRST FLOOR PLAN BUILDING I
SCALE: 1/4" = 1'-0"



ALEXANDER SCHEFFLO AND ASSOCIATES
MECHANICAL ENGINEERS
298 PACIFIC AVE. FLOOR 18-19 STOCKTON CALIF. 95210

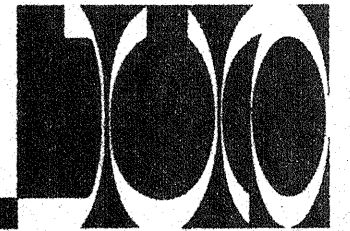
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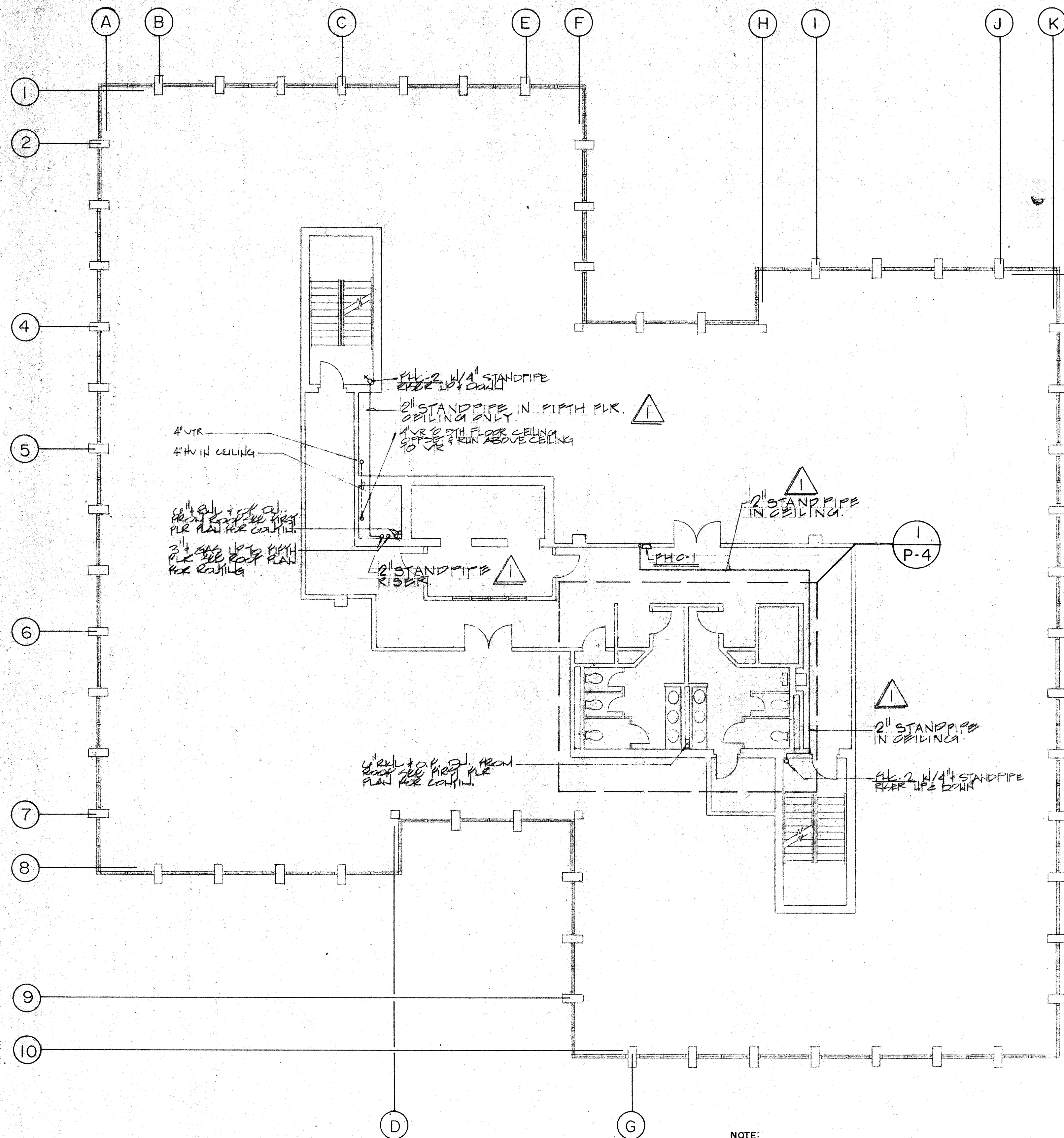
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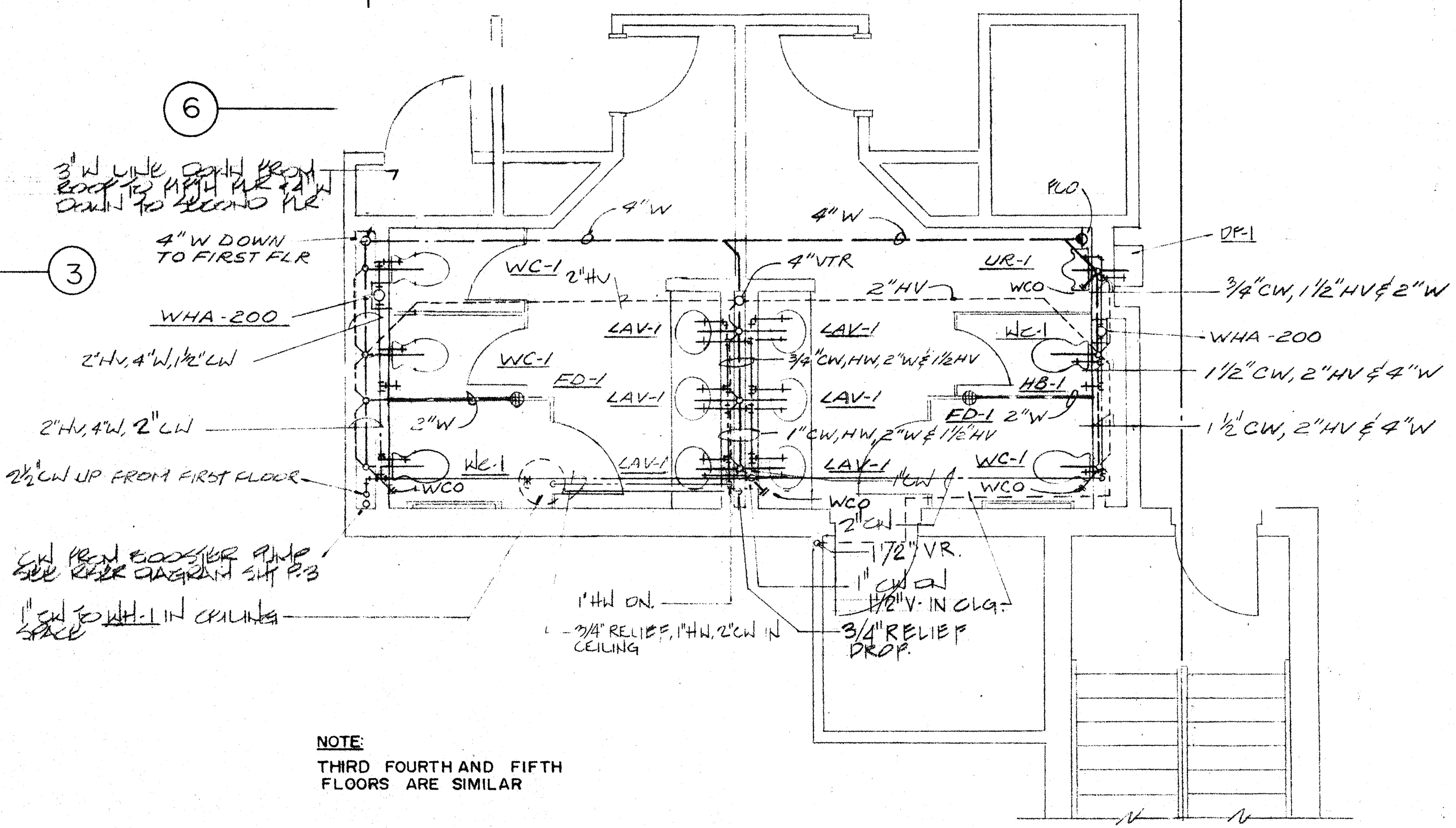
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Los Gatos California 95030





PLUMBING SECOND FLOOR PLAN BUILDING TYPE 1&2
SCALE: 1/8" = 1'-0"



NOTE
THIRD FOURTH AND FIFTH
FLOORS ARE SIMILAR

PLUMBING PARTIAL SECOND FLOOR PLAN BUILDING 1&2
SCALE: 1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE

MARK	MAKE & MODEL	DESCRIPTION	TRIM	REMARKS
BP2	PALCO MINI FLD 810	BOOSTER PUMP (100 GPM @ 2 FT)	400V-3P	3/4 HP MOTOR
WC-1	AMER. STD. AF WALL 2477-016	WATER CLOSET	SLOAN ROYAL 110 F.V.	W/BENERE 523 CW WHITE SEAT FLUSH Z-1209 OR Z-1203 COVERS
LIR-1	AMER. STD. WASHBROOK 6500-011	URINAL	SLOAN ROYAL 186-11 F.V.	WIZURN Z-1222 CARRIER
LAV-1	AMER. STD. LEODELYN 3211-059	LAVATORY	W/AS 2103-286 FAUCET	
WS-1	FIAT TSB-2924-12	MOP SINK	1453-BB STRAINER	832-AA HOSE & BRACKET & 889-CC MOP HANGER
FS-1	COMMERCIAL 906-2	FLOOR SINK	W/900-3/4" TOP GRATE	902 DOME STRAINER
RD-1	ZURN Z-100-RC	ROOF DRAIN	W/UNDERDECK CLAMP	W/6 3/4" HIGH DOME ALUM. STRAINER
FD-1	ZURN Z-915-B	FLOOR DRAIN		NICKEL BRONZE TOP
HB-1	CHICAGO 15T	HOSE BIBB	W/LOOSE KEY	POLISHED CHROME
DF-1	HAWES HWC-8	ELECT WATER COOLER	1/8 HP-120V-1P	6.7 AMPS W/1/2" IHA BRONZE PUMP
LH-1	STATE IND. FM-17-1M61-K	17 GAL ELECT WATER HEATER	W/WATTS XL-40 T&P RELIEF	1050 WATTS @ 120V-14 T&P RECOVERY @ 100° RISE
WHA	ZURN Z-1700	WATER HAMMER ARRESTOR	SEE PLAN FOR SIZE	PROVIDE 1/2" X 1/2" ACCESS PANEL AS REQ'D
WH-2	STATE IND. 55X-30-1RT1	30 GAL ELECT WATER HEATER	W/WATT XL-40 T&P RELIEF	550 WATTS @ 120V-14 T&P RECOVERY @ 100° RISE
BP-1	PALCO B-28-3012-1	BOOSTER PUMP	400-3 P 100 GPM @ 10' H	MAIN PUMP 10 HP LEAD PUMP 7 1/2 HP
EF1	PALCO ALM 5	SLIP-UP PLUG	1/2 HP 120V-1P	60 GPM @ 10' HEAD
FLK-1	WILKIRK HLI-5L	FIRE HOSE CABINET	W/100' FIRE HOSE	W/1570 CAB & ABC 10 EXTINGUISHER
FLK-4	WILKIRK 26-293	FIRE HOSE ROOF MANIFOLD	W/13 1/2" 19-280 VALVES	W/120 CAPS AND CHAINS ROUGH BRASS FINISH
FLK-2	WILKIRK 19-280	FIRE HOSE DRY STAND FIRE LOWN		POLISHED CHROME
FLK-3	WILKIRK 25-216	SIAMISE CONNECTION		POLISHED BRASS
FLK-5	WILKIRK 26-293	FIRE HOSE ROOF	W/13 1/2" 19-280 VALVES	W/1570 CAPS AND CHAINS ROUGH BRASS FINISH
RV-1	CASH ALME E-73	WATER REDUCING VALVE		140 GPM
SW-1	PALCO TYPE ODF MODEL 1495-11	SPORT WATER DUPLEX EJECTOR	500 GPM @ 25' HEAD EA.	150' RPT 400V-3P 2-9HP
FS-2	COMMERCIAL 906-3	FLOOR SINK	W/900-3/4" TOP GRATE	902 DOME STRAINER
EV-1	MILNAM MODEL 2111-10 NICH	WATER PIVOT VALVE		3/4" W/COVER
IT-1	NETCO	INTERCEPTOR	2" EXT. RING	W/100' RPT @ 100' RATE
F1	KIM MODEL 2-10-01	FOUNTAIN DRAIN		3" OUTLET
F2	KIM MODEL 2-10-01	FOUNTAIN DRAIN		10" X 10" @ 4" OUTLET
FP-1	LITTLE GIANT 12 CDM	FOUNTAIN PUMP		3/4 HP, 220-1A
FP-2	LITTLE GIANT 12 CDM	FOUNTAIN PUMP		3/4 HP, 220-1A
FP-3	BEKELY # 812 MFK 5	(2) FOUNTAIN PUMPS		2 1/2 HP, 220V-1A EACH

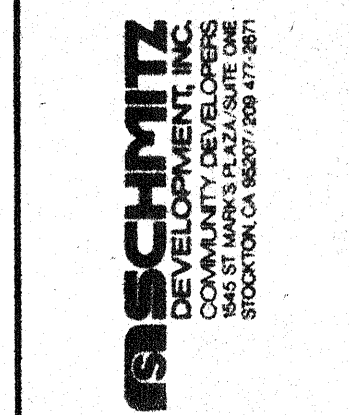


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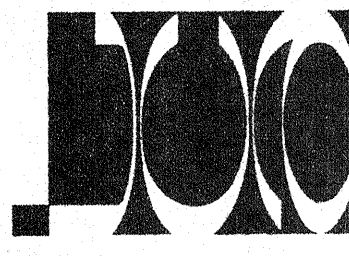
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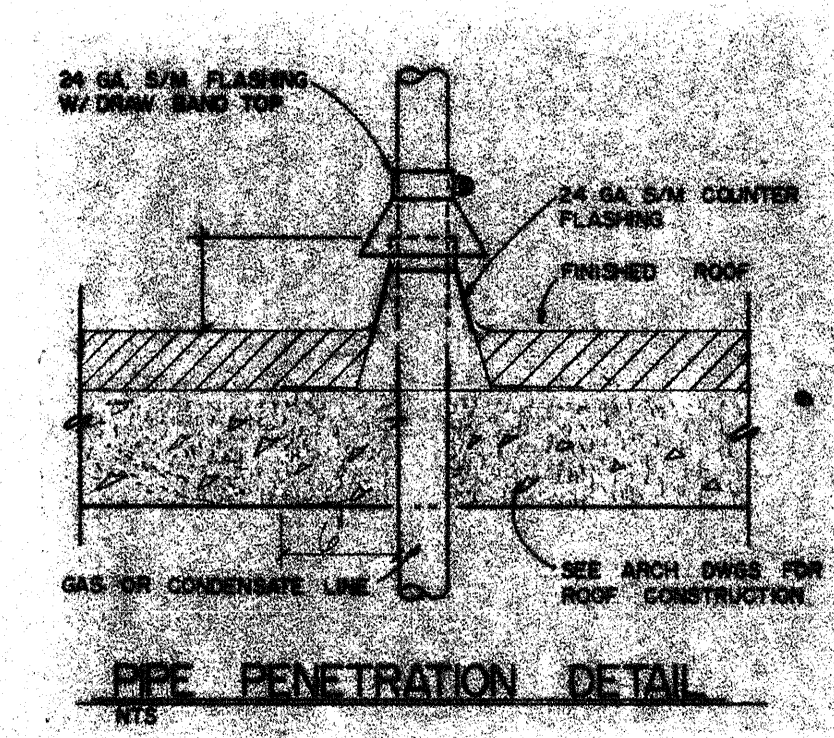
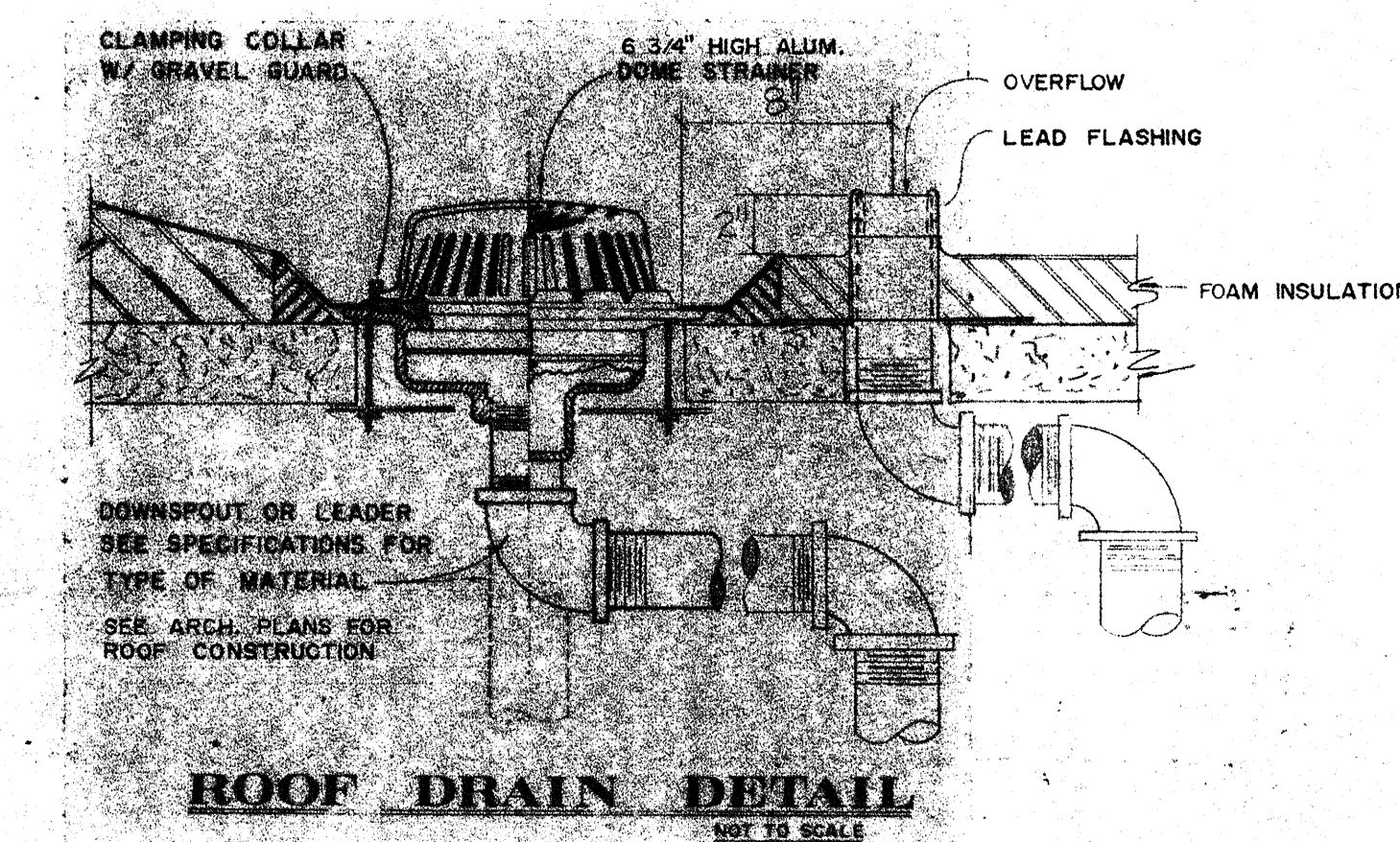
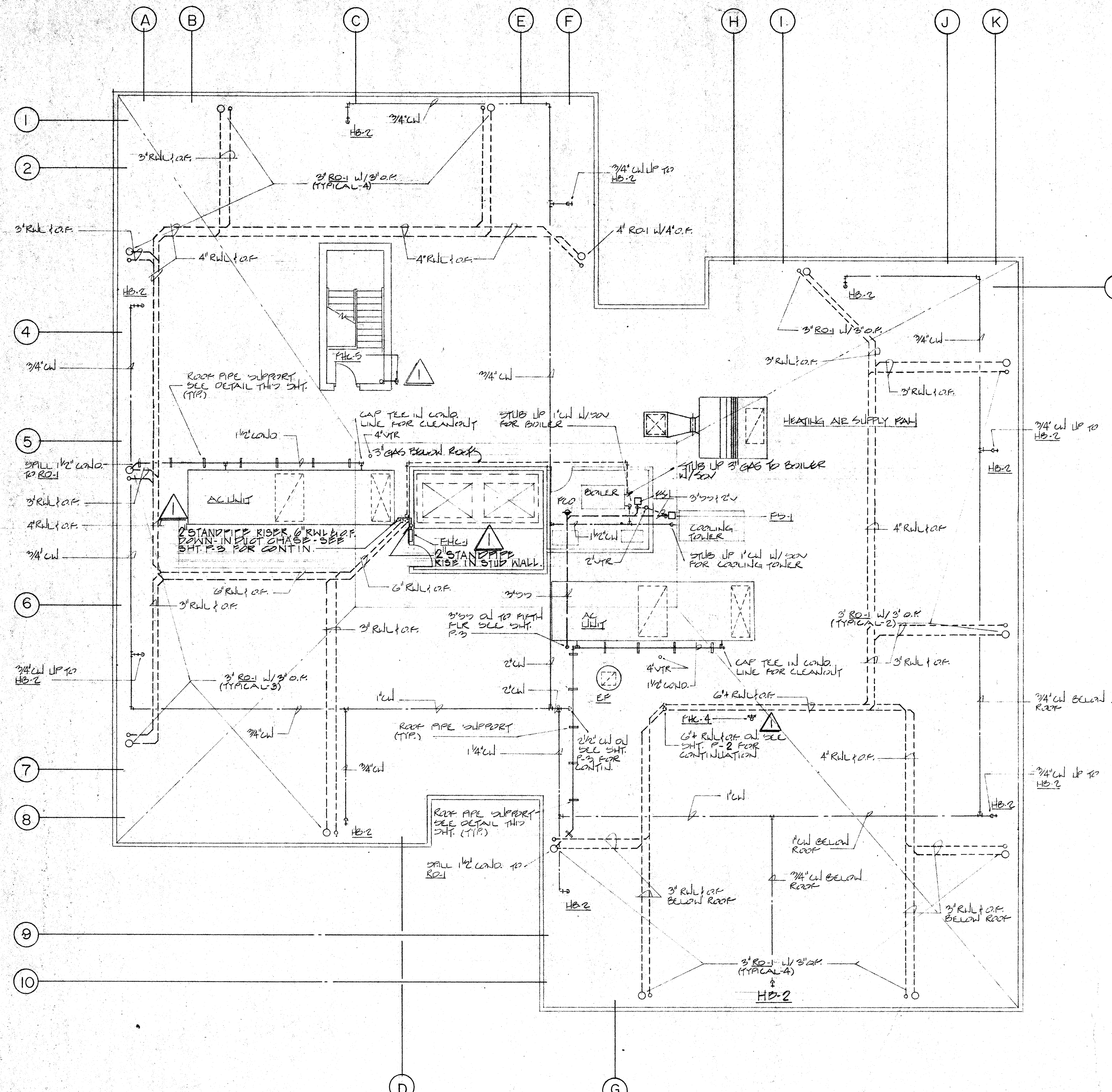
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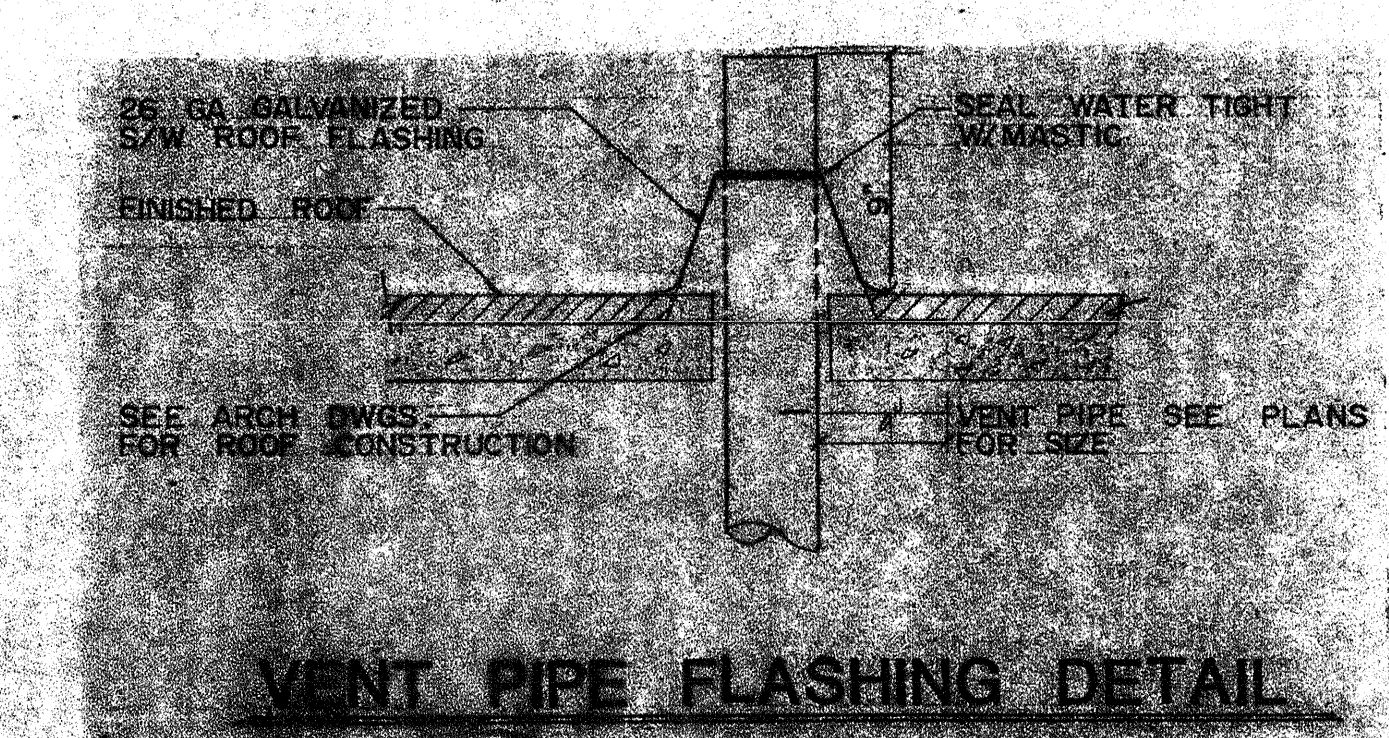
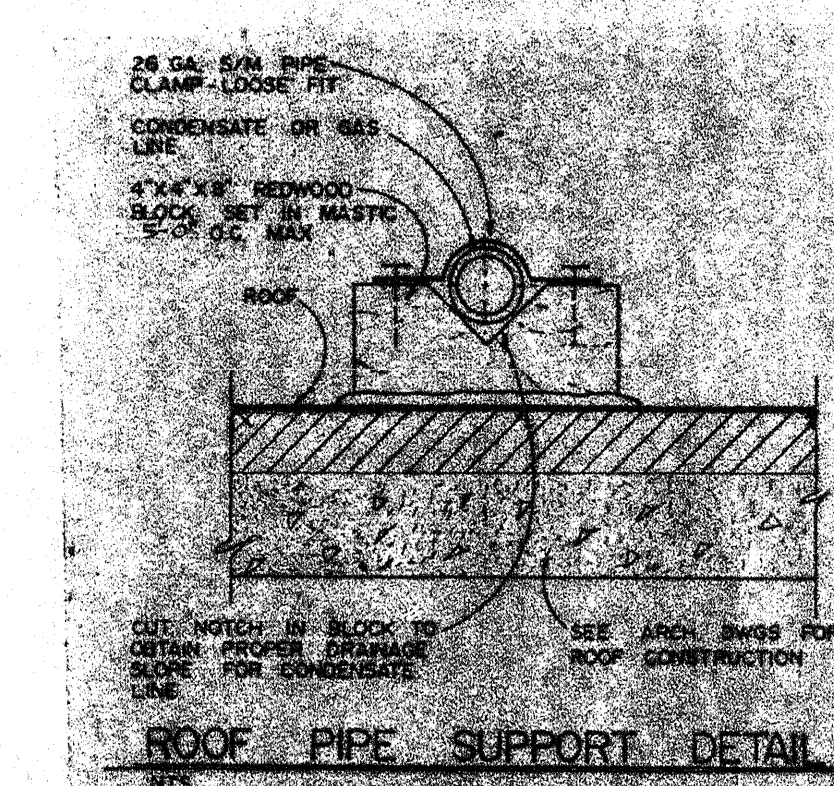


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Fixture	VENT COLD WATER HOT WATER								
	1/2\"/>								
WATER CLOSET (TANK)	WC	3	2	2	2	2	2	2	2
WATER CLOSET (F.V.)	WC	4	4	2	2	2	2	2	2
URINAL	UR	3	2	2	2	2	2	2	2
LAVATORY	LAV	2	2	2	2	2	2	2	2
SINK (KITCHEN)	S	2	2	2	2	2	2	2	2
SERVICE SINK	SS	3	3	3	3	3	3	3	3
SHOWER (SINGLE STALL)	SH	2	2	2	2	2	2	2	2
BATHTUB	BT	1	1	1	1	1	1	1	1
DRINKING FOUNTAIN	DF	1	1	1	1	1	1	1	1
FLOOR DRAIN 2\"/>									
FLOOR SINK	FS	2	2	2	2	2	2	2	2
CLOTHES WASHER	W	2	2	2	2	2	2	2	2
HOSE BIB	HB	1	1	1	1	1	1	1	1



PLUMBING ROOF PLAN BUILDING TYPE 1&2
 SCALE: 1/8" = 1'-0"
 NOTE: 1) OVERLAP RAIN WATER COLD WATER WASTE GAS & STANDPIPE ON ROOF IN FIFTH FLOOR CEILING & STUB UP TO ROOF.
 2) VERIFY SLOPE & CLEARANCE ON RUL & OF PIPING W/ MECHANICAL DUCT WORK.
 3) SLOPE ALL RAIN WATER PIPING AT .01/FT. TYP.

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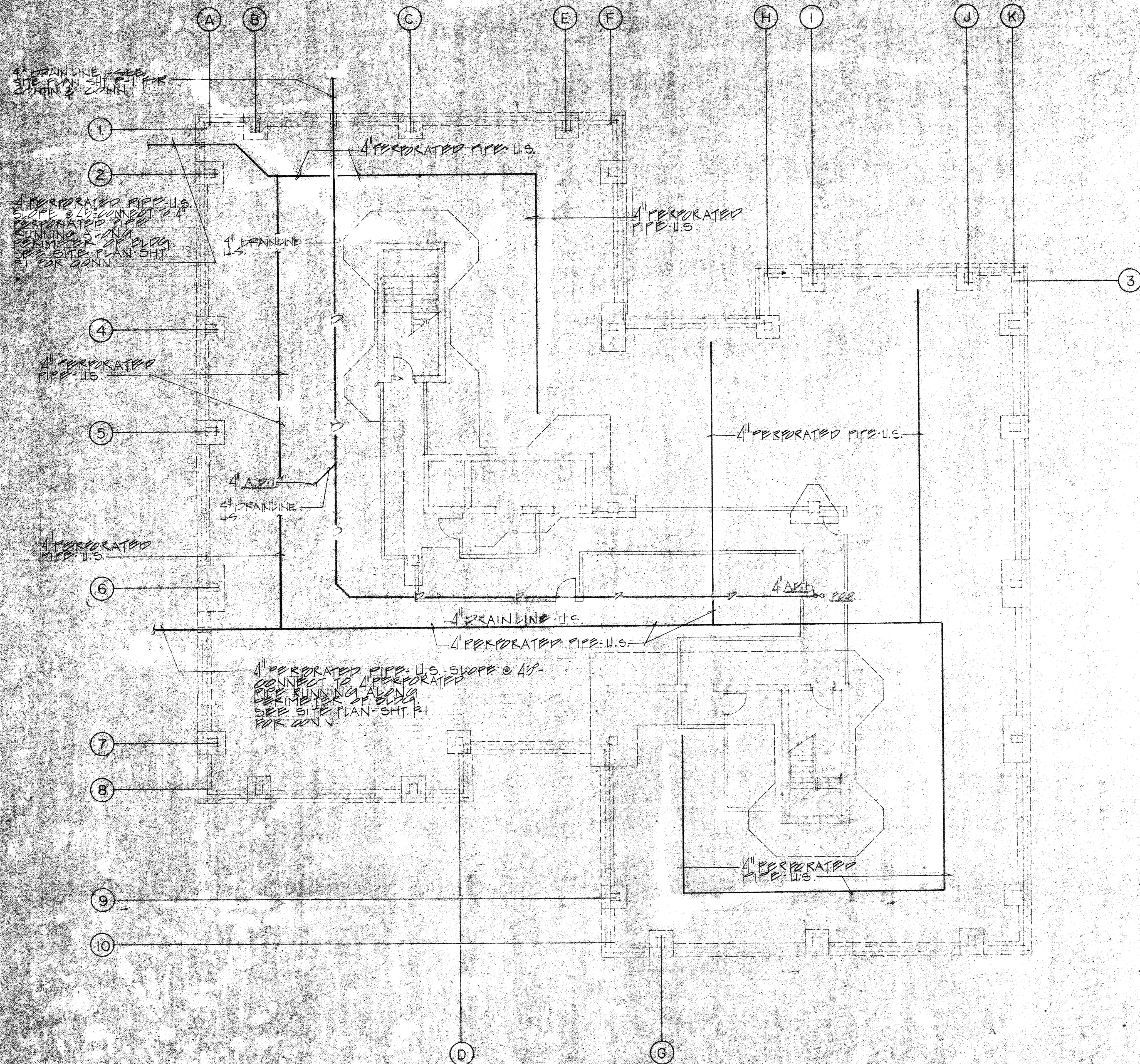
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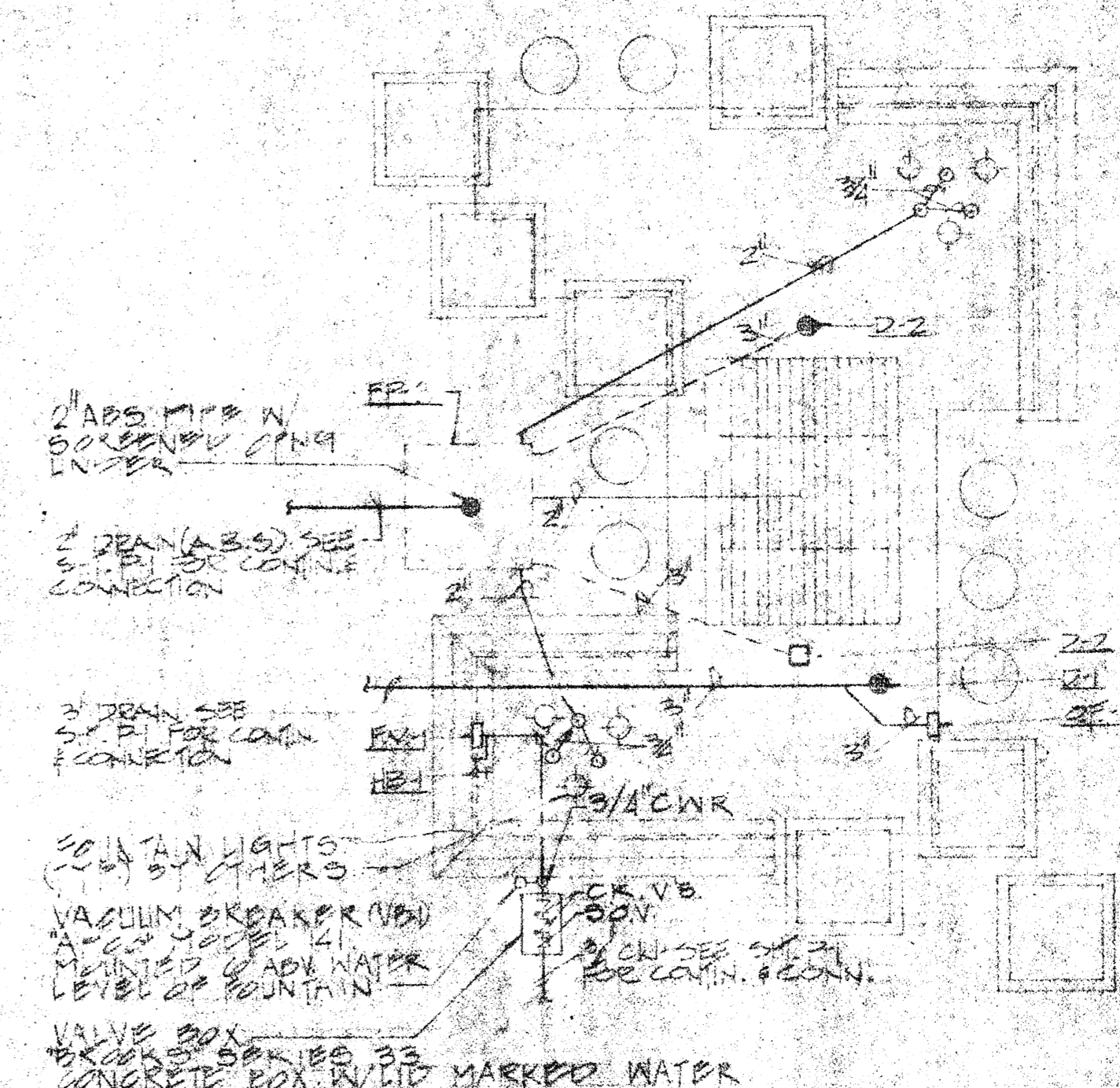
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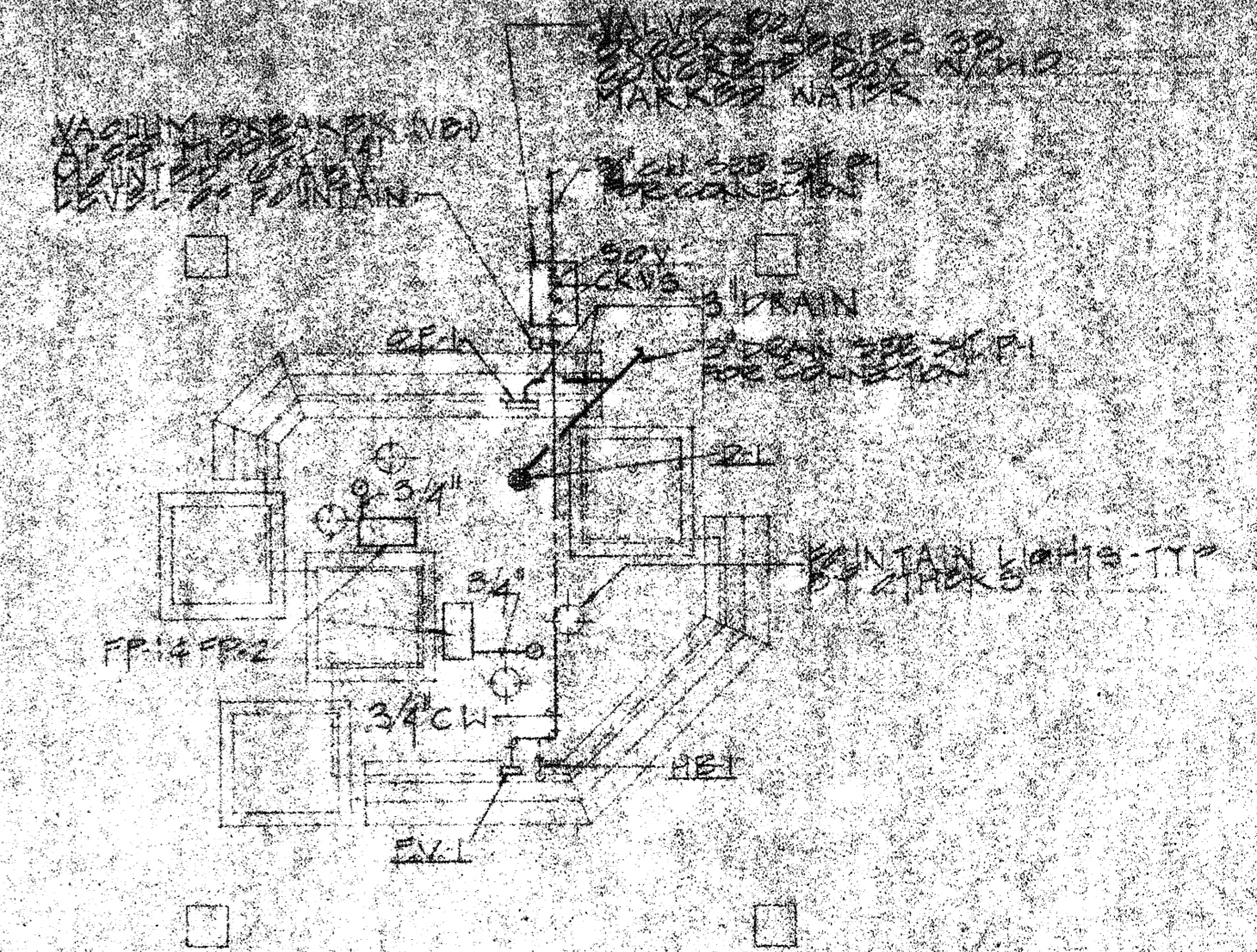


PLUMBING BLDG. 2 BASEMENT FLR. PLAN
 SCALE: 1/8" = 1'-0"

FOUNTAIN PLAN NO. 1
 SCALE: 1/4" = 1'-0"



FOUNTAIN PLAN NO. 2
 SCALE: 1/4" = 1'-0"



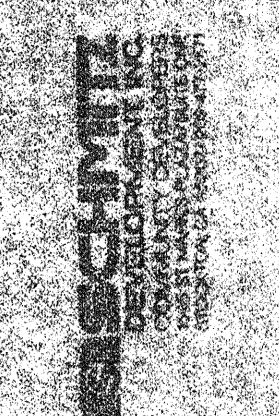
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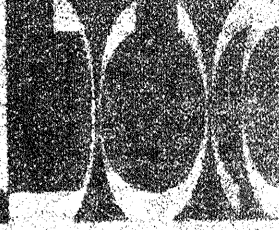
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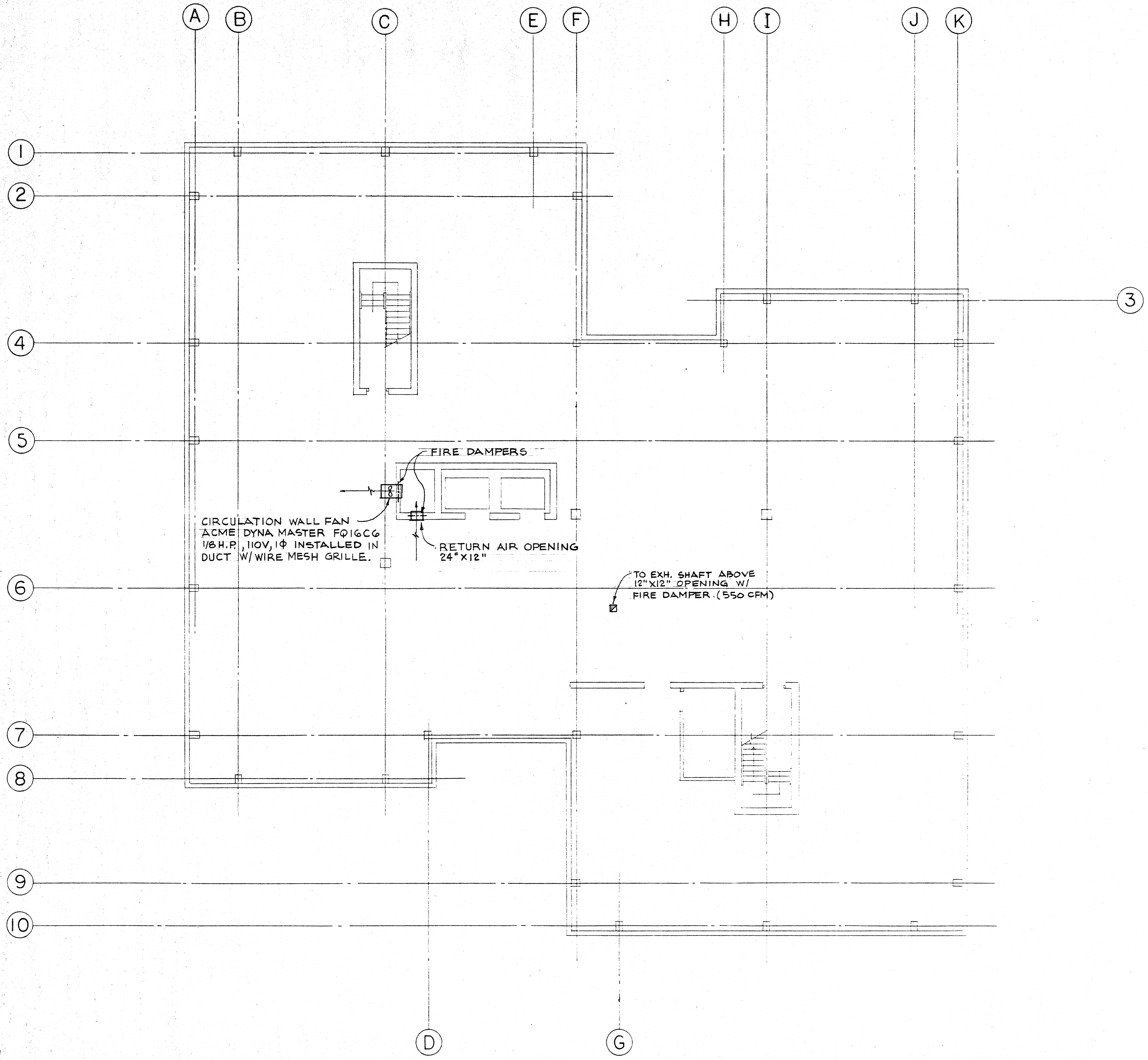


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BASEMENT MECHANICAL PLAN - BUILDING II ONLY

SCALE 1/8" = 1' - 0"

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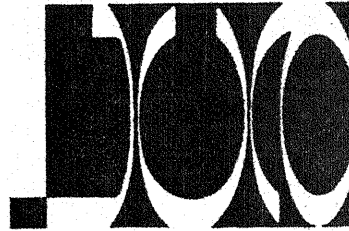
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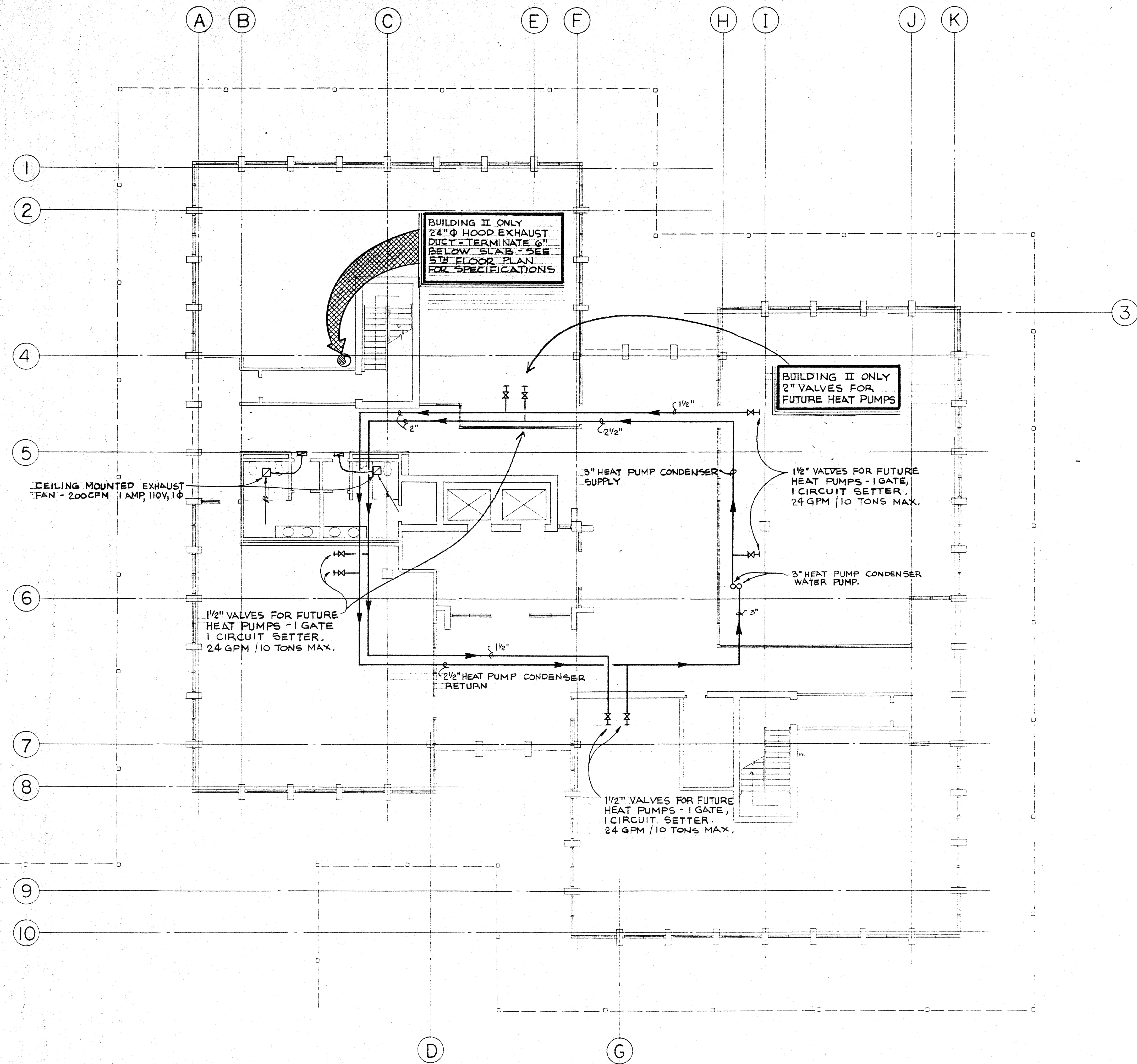
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FIRST FLOOR MECHANICAL PLAN

SCALE 1/8" = 1'-0"

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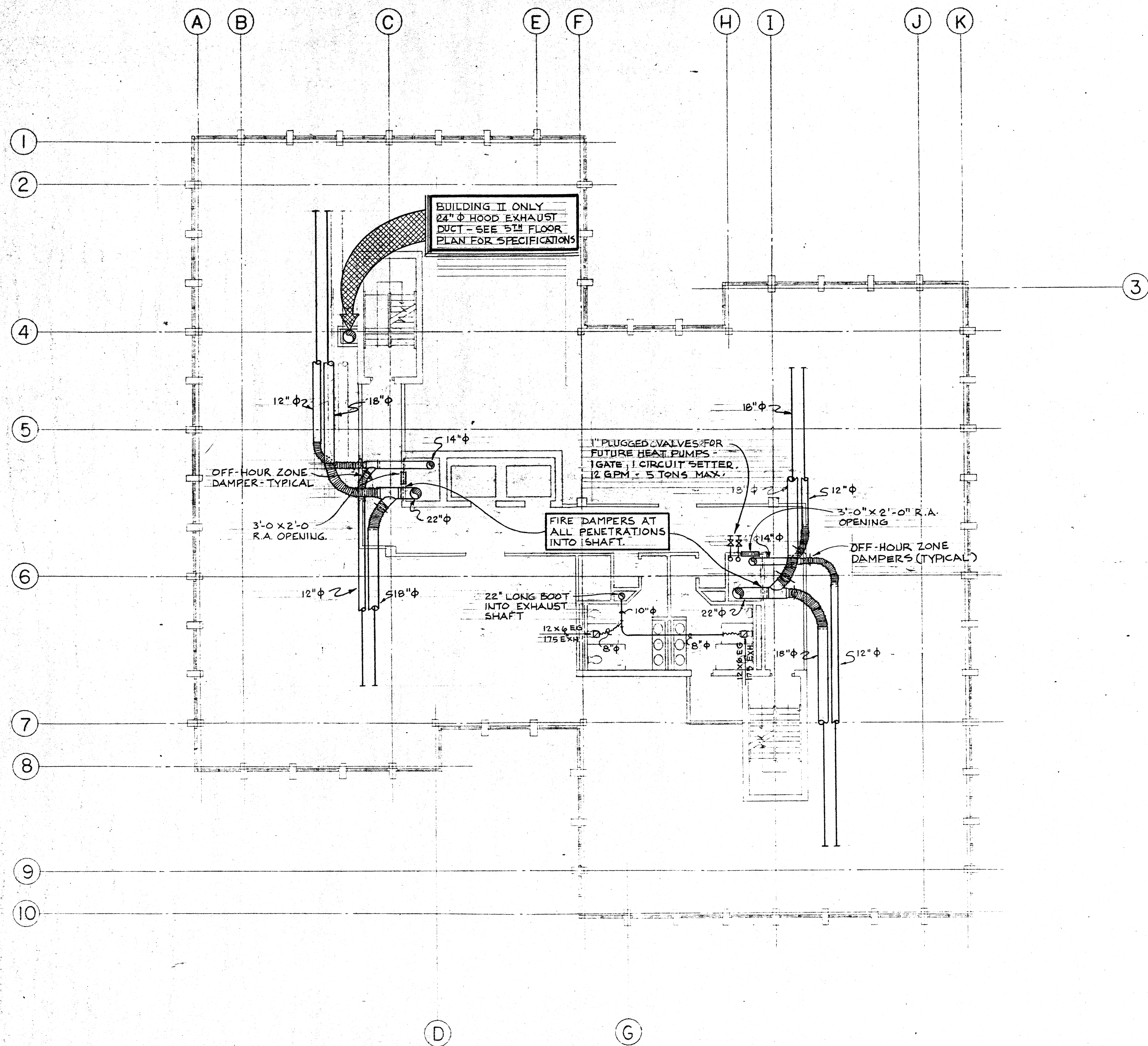
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TYPICAL FLOOR - MECHANICAL PLAN
 2ND, 3RD & 4TH FLOORS
 SCALE = 1/8" = 1'-0"

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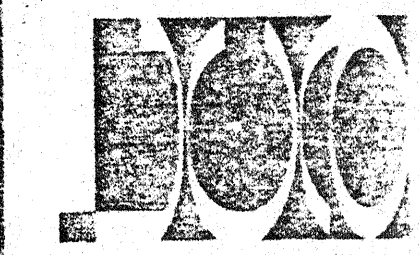
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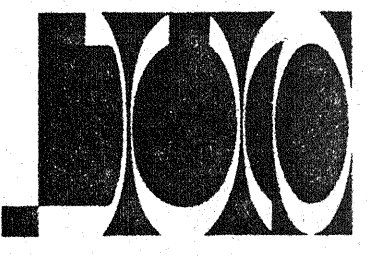
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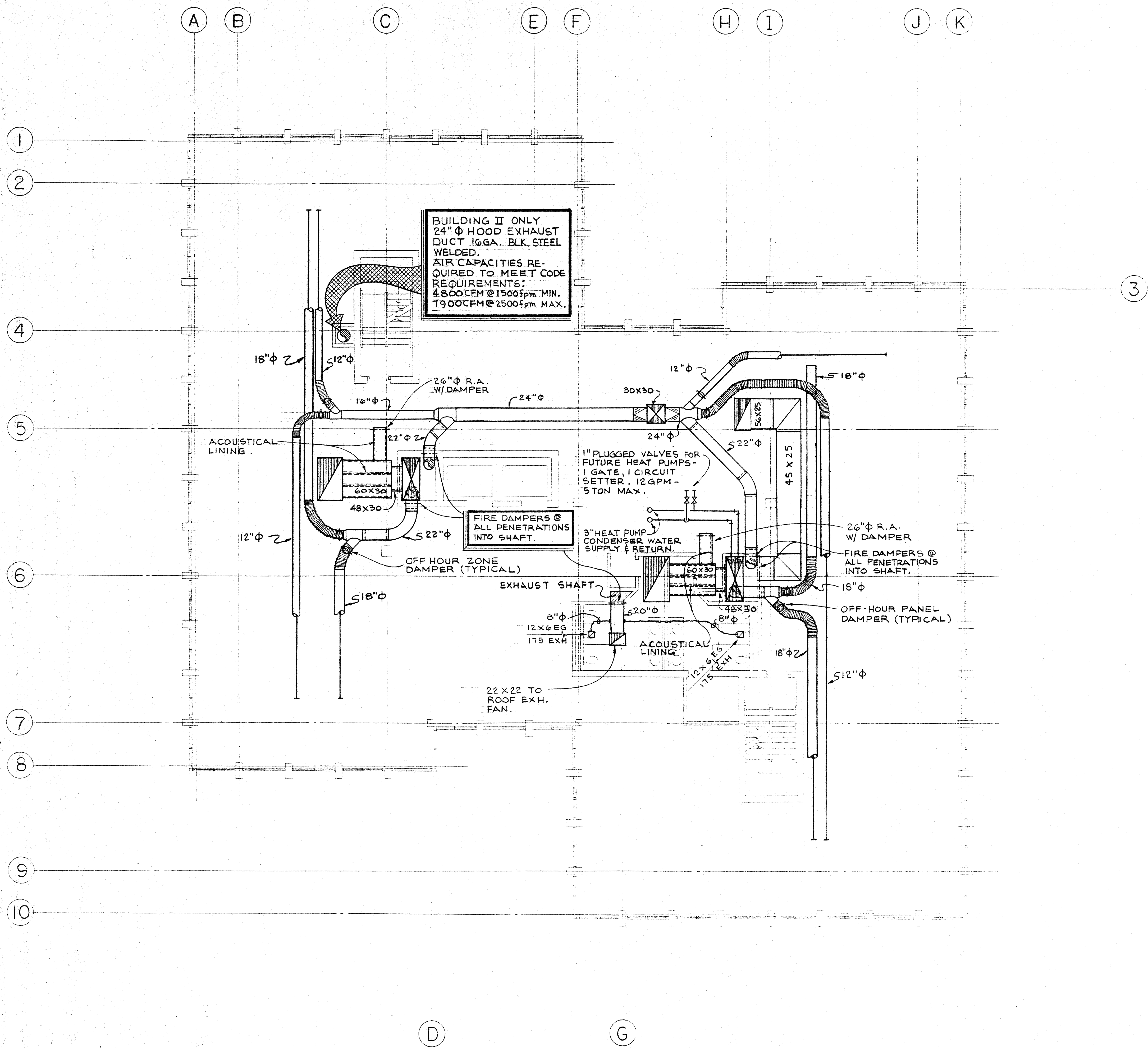
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FIFTH FLOOR MECHANICAL PLAN

SCALE = 1/8" 1'-0"

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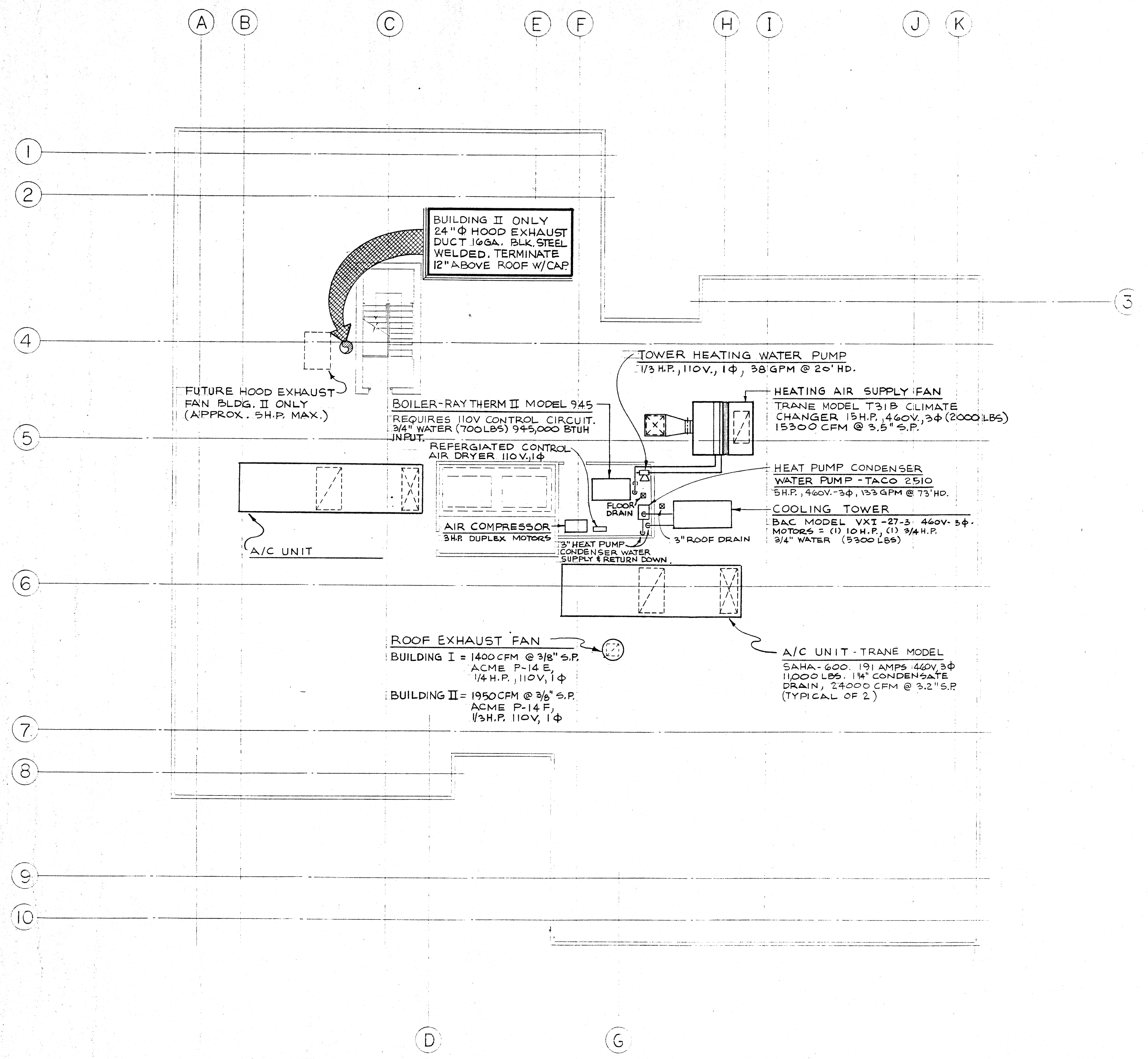
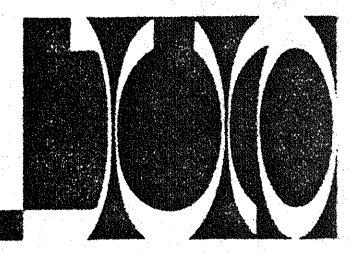
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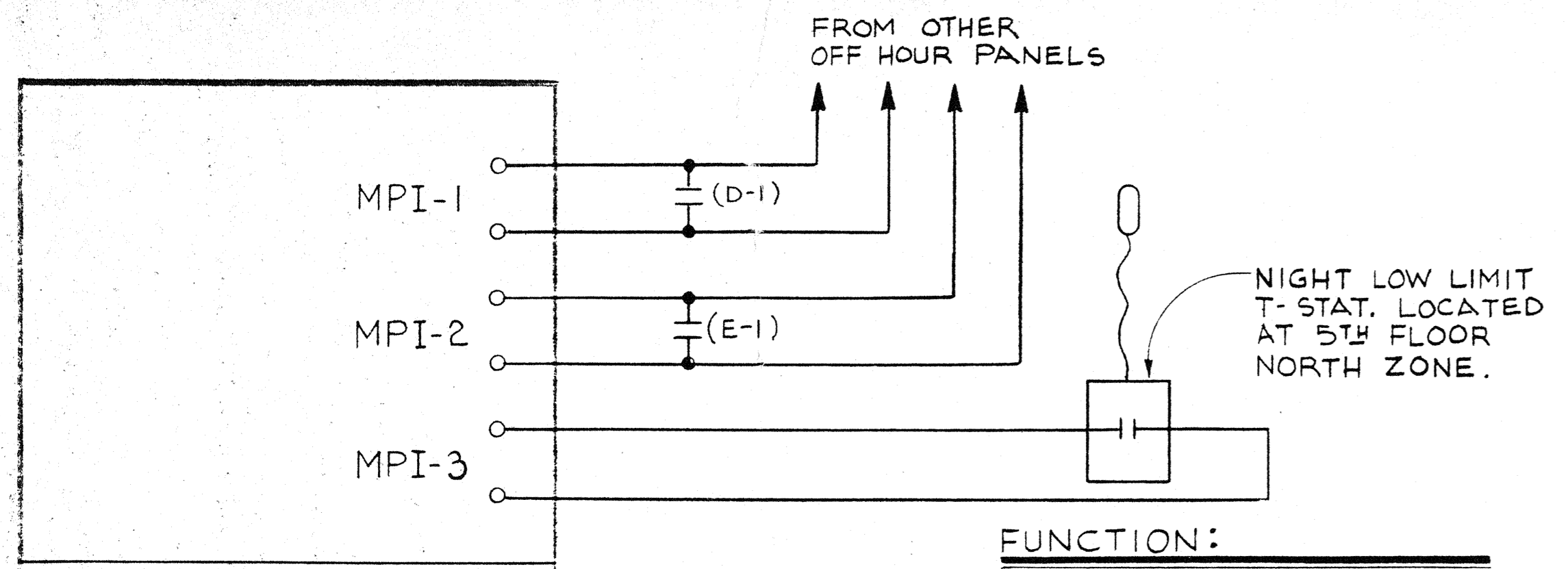
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MECHANICAL ROOF PLAN

SCALE 1/8" = 1'-0"



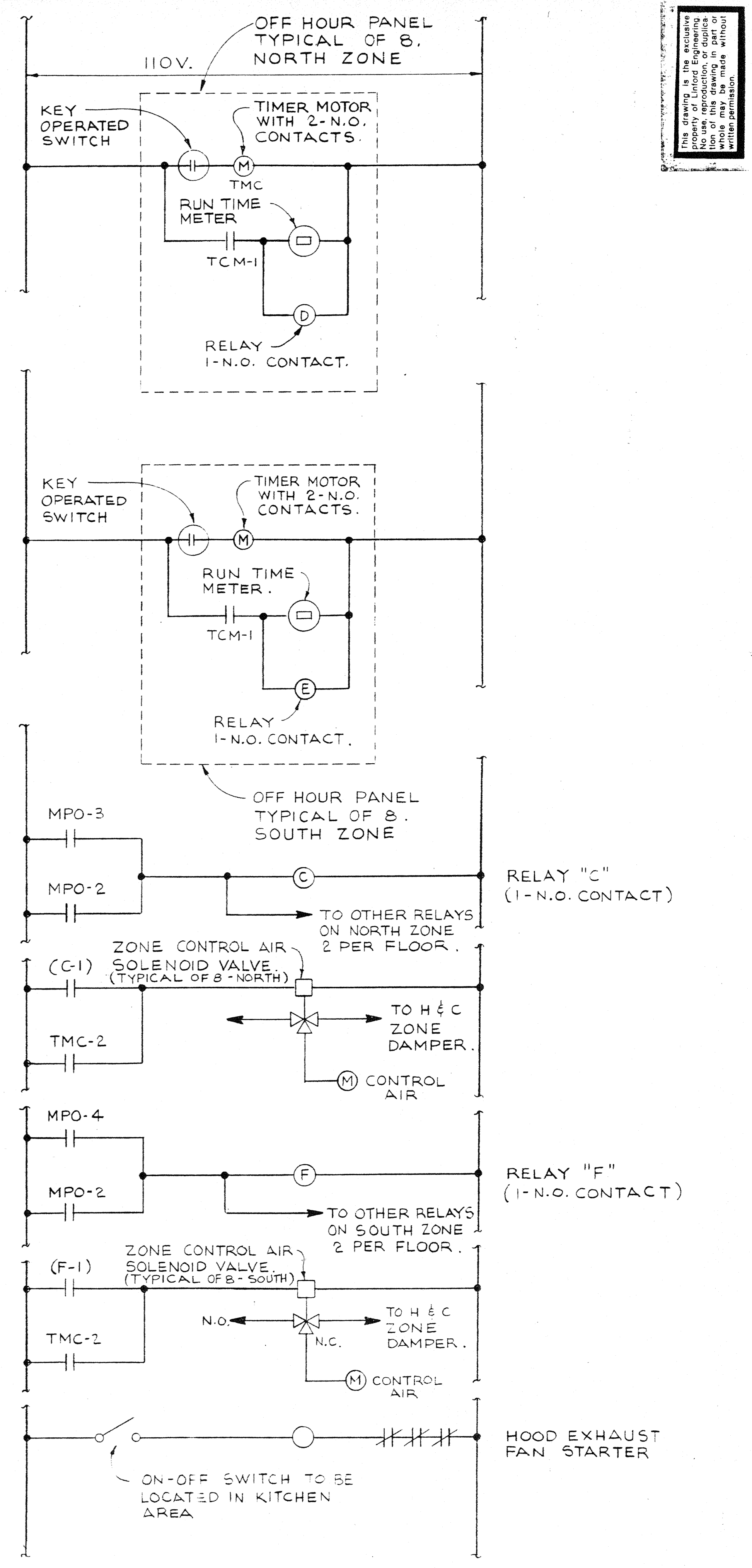
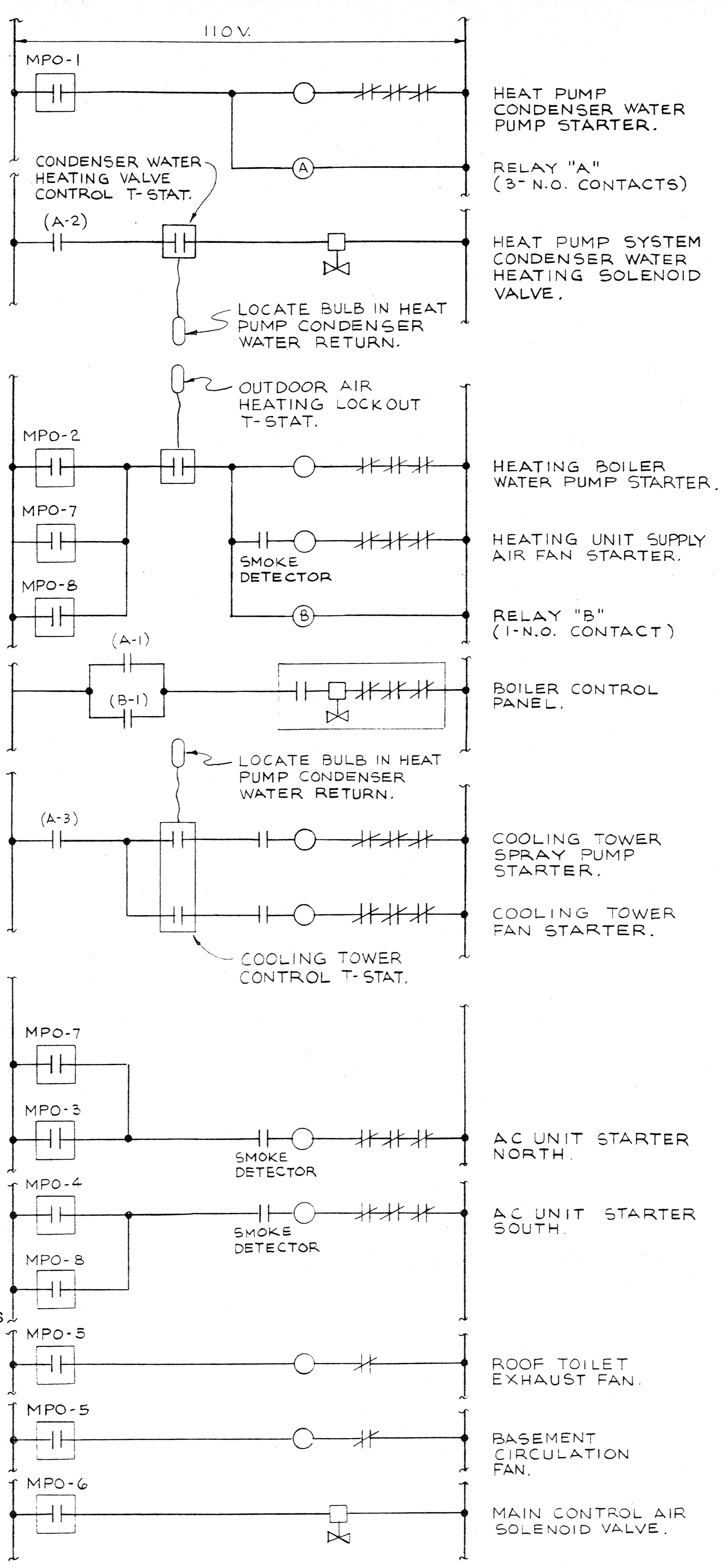
FUNCTION:

- | | | |
|-------|----------------------------------|--|
| MPO-1 | MPO-1 RELAY
W/1 N.O. CONTACT | 1. START CONDENSER WATER PUMP.
2. ENERGIZE BOILER.
3. ENERGIZE CONDENSER WATER HEATING VALVE.
4. ENERGIZE COOLING TOWER. |
| MPO-2 | MPO-2 RELAY
W/2 N.O. CONTACTS | 1. START TOWER HEATING PUMP.
2. START HEATING FAN.
3. ENERGIZE BOILER.
4. OPEN ALL ZONE CONTROL AIR VALVES - NORTH & SOUTH. |
| MPO-3 | MPO-3 RELAY
W/2 N.O. CONTACTS | 1. START AC UNIT - NORTH.
2. OPEN ALL ZONE CONTROL AIR VALVES - NORTH. |
| MPO-4 | MPO-4 RELAY
W/2 N.O. CONTACTS | 1. START AC UNIT - SOUTH.
2. OPEN ALL ZONE CONTROL AIR VALVES - SOUTH. |
| MPO-5 | MPO-5 RELAY
W/2 N.O. CONTACTS | 1. START TOILET EXHAUST FAN.
2. START BASEMENT CIRCULATION FAN. |
| MPO-6 | MPO-6 RELAY
W/1 N.O. CONTACT | 1. OPEN MAIN CONTROL AIR SOLENOID VALVE. |
| MPO-7 | MPO-7 RELAY
W/2 N.O. CONTACTS | 1. START TOWER HEATING PUMP.
2. START HEATING FAN.
3. ENERGIZE BOILER.
4. START AC UNIT NORTH. |
| MPO-8 | MPO-8 RELAY
W/2 N.O. CONTACTS | 1. START TOWER HEATING PUMP.
2. START HEATING FAN.
3. ENERGIZE BOILER.
4. START AC UNIT SOUTH. |

SCHEDULE OF MICRO-PROCESSOR INPUT START SEQUENCES

- MPI-1 = 1. ENERGIZE MPO-7.
2. ENERGIZE MPO-6.
- THROUGH OFF-HOUR PANEL.
1. START RUN TIME METER (TMC-1).
2. ENERGIZE INDIVIDUAL ZONE AIR CONTROL VALVE (TMC-2).
- MPI-2 = 1. ENERGIZE MPO-4.
2. ENERGIZE MPO-6.
- THROUGH OFF-HOUR PANEL.
1. START RUN TIME METER (TMC-1).
2. ENERGIZE INDIVIDUAL ZONE AIR CONTROL VALVE (TMC-2).
- MPI-3 = 1. ENERGIZE MPO-2.
2. ENERGIZE MPO-6.

MICRO PROCESSOR



CONTROL DIAGRAM

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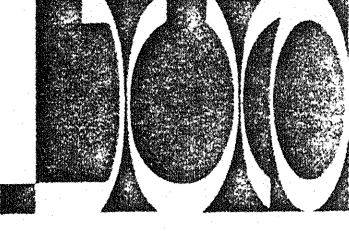
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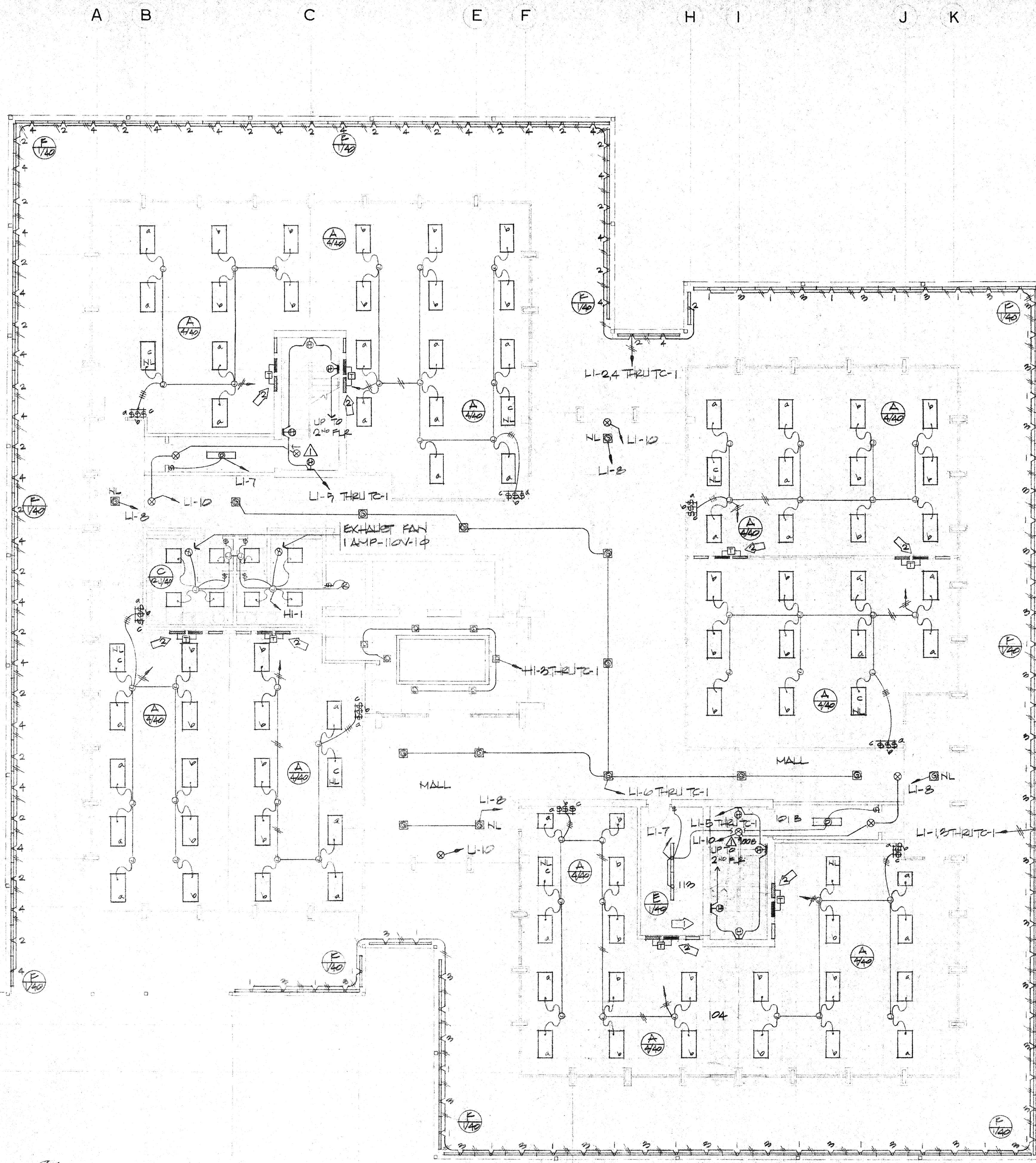
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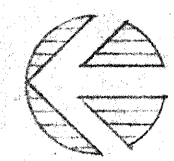
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LIGHTING PLAN - 1ST FLOOR, BUILDING I
SCALE - 1/8"=1'-0"

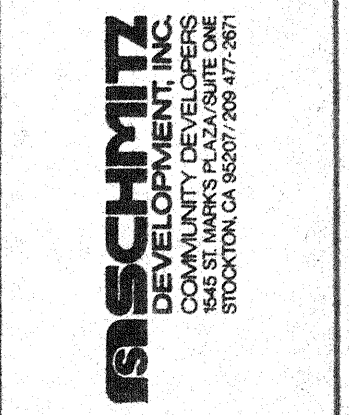
- NUMBERED NOTES THIS SHEET**
- 1 SEE SHEET E-1 FOR ENLARGED PLAN OF ROOM 113 AND EXACT LOCATION OF ELECTRICAL PANELS.
 - 2 PANELS FOR COMMERCIAL SHOPS TO BE USED AND LOCATED WHEN OCCUPANCY IS FINALIZED
 - 3 LIGHTING LAYOUT IS SHOWN FOR TYPICAL TENANTS FLOOR PLAN. EXACT LAYOUT, SWITCHING, AND CIRCUITING IS TO BE FINALIZED WHEN TENANT IMPROVEMENTS ARE COMPLETED.



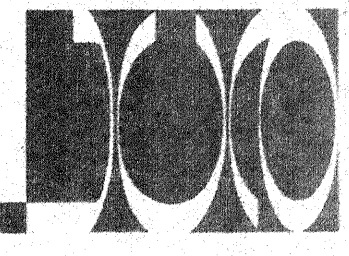
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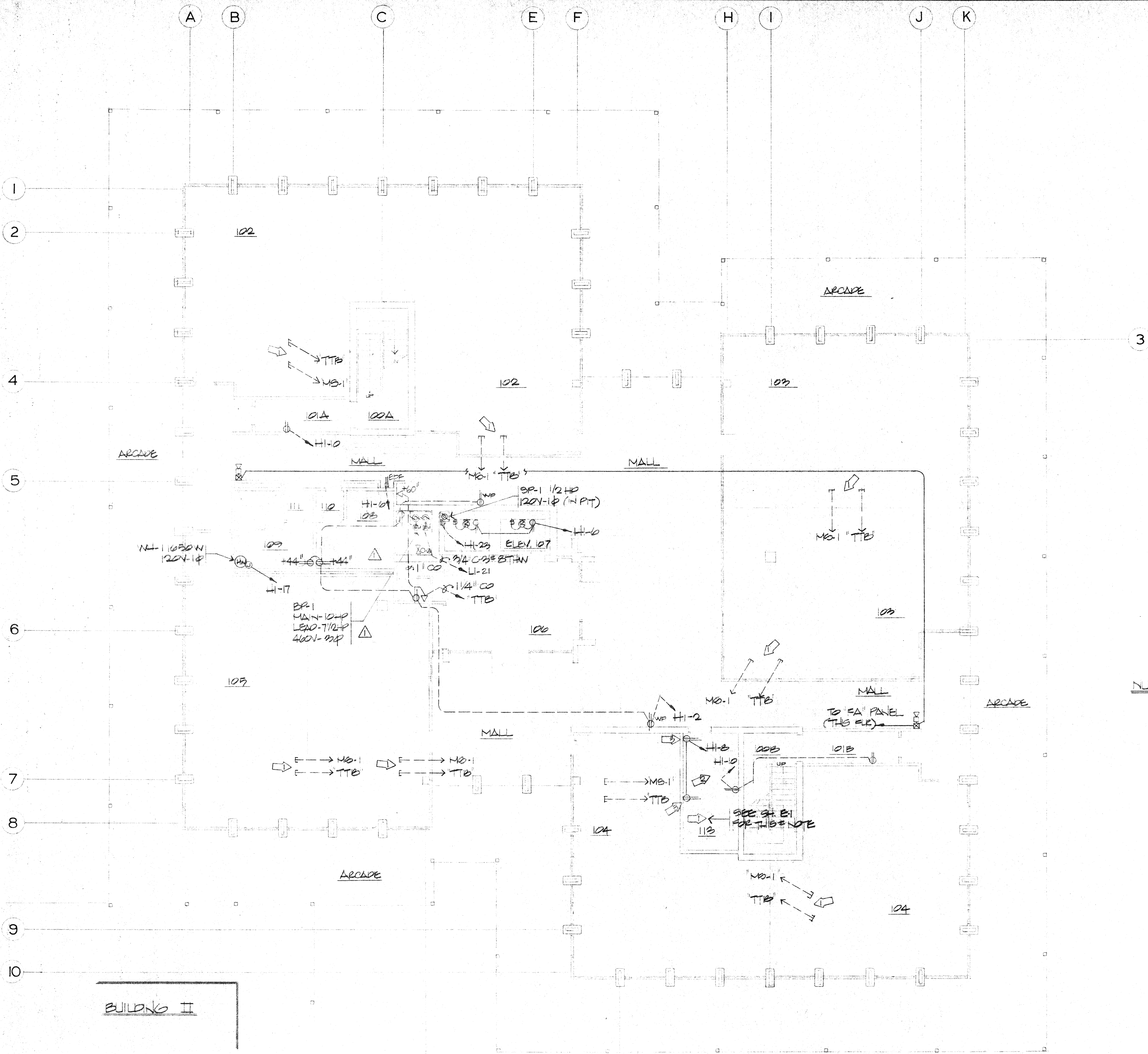
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E-2
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- NUMBERED NOTES THIS SHEET**
- EACH RETAIL OFFICE IS TO HAVE (1) 2" CO STUBBED FOR POWER AND (1) 1 1/2" CO STUBBED FOR TELEPHONE UNLESS OTHERWISE NOTED
 - MAIN ELECTRICAL FOR BUILDING I IS IN BASEMENT THIS AREA PART OF TENANT SPACE. OTHER THAN THIS, BUILDING I IS TYPICAL.
 - MOUNT OUTLETS AT TOP CORNERS OF TELEPHONE BACKBOARD. THIS IS TYPICAL FOR ALL OUTLETS MOUNTED ABOVE TEL. BOARD.

POWER & TELEPHONE PLAN - 1ST FLOOR, BUILDING I
SCALE - 1/8" = 1'-0"

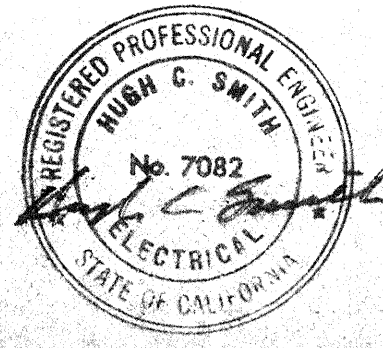
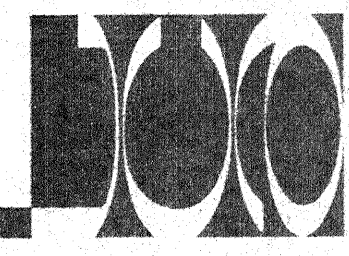
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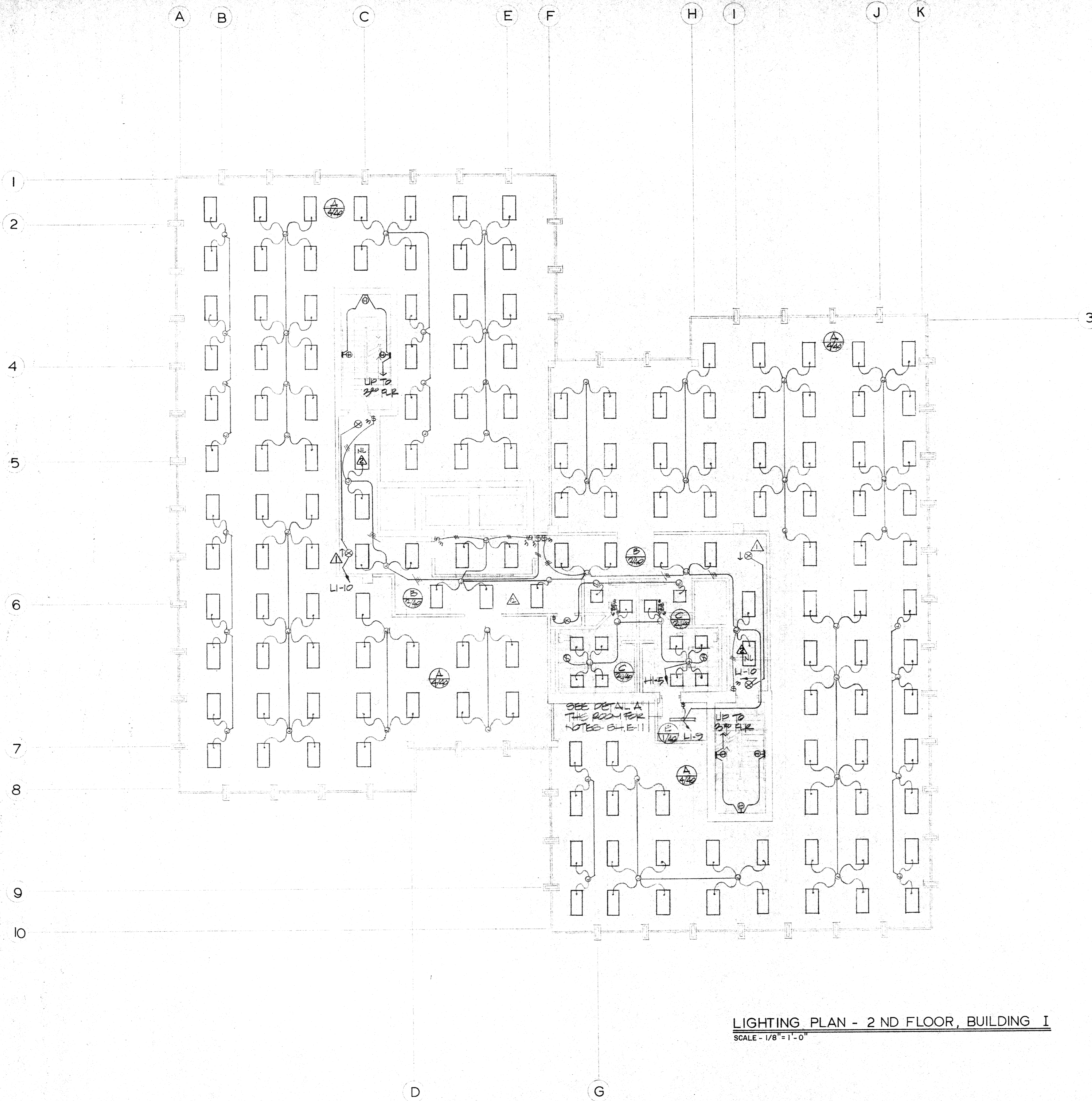
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Stockton, California

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STOCKTON, CALIF. 95201

Lawrence Cook
Architect AIA 408 353-1500
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STOCKTON, CA. 209-478-8270



LIGHTING PLAN - 2 ND FLOOR, BUILDING I
SCALE - 1/8" = 1'-0"

▲ NL (NIGHT LIGHT) LOCATED IN EXIT CORRIDOR SUPPLIED W/ EMERGENCY BALLAST & BATTERY PACK.

NOTES:

1. MULTI TENANT ENTIRE FLOOR - THIRD FOURTH AND FIFTH FLOOR SIMILAR IF ENTIRE FLOOR IS OCCUPIED BY MULTI TENANTS.
2. CORRIDOR TO BE 1 HOUR - PROVIDE 1 HOUR RATING FOR LIGHT FIXTURES IN HALLWAY.
3. LIGHTING LAYOUT IS SHOWN FOR TYPICAL TENANT FLOOR PLAN. EXACT LAYOUT, SWITCHING AND CIRCUITING IS TO BE FINALIZED WHEN TENANT IMPROVEMENTS ARE COMPLETED.
4. BUILDING II, 2ND FLOOR IS TYPICAL.

DATE 15 OCTOBER 1981
REVISION 7 JAN. 1982
REVISION 25 JAN. 1982

REVISION NC CITY COMUTE
REVISION E.H. PLAN

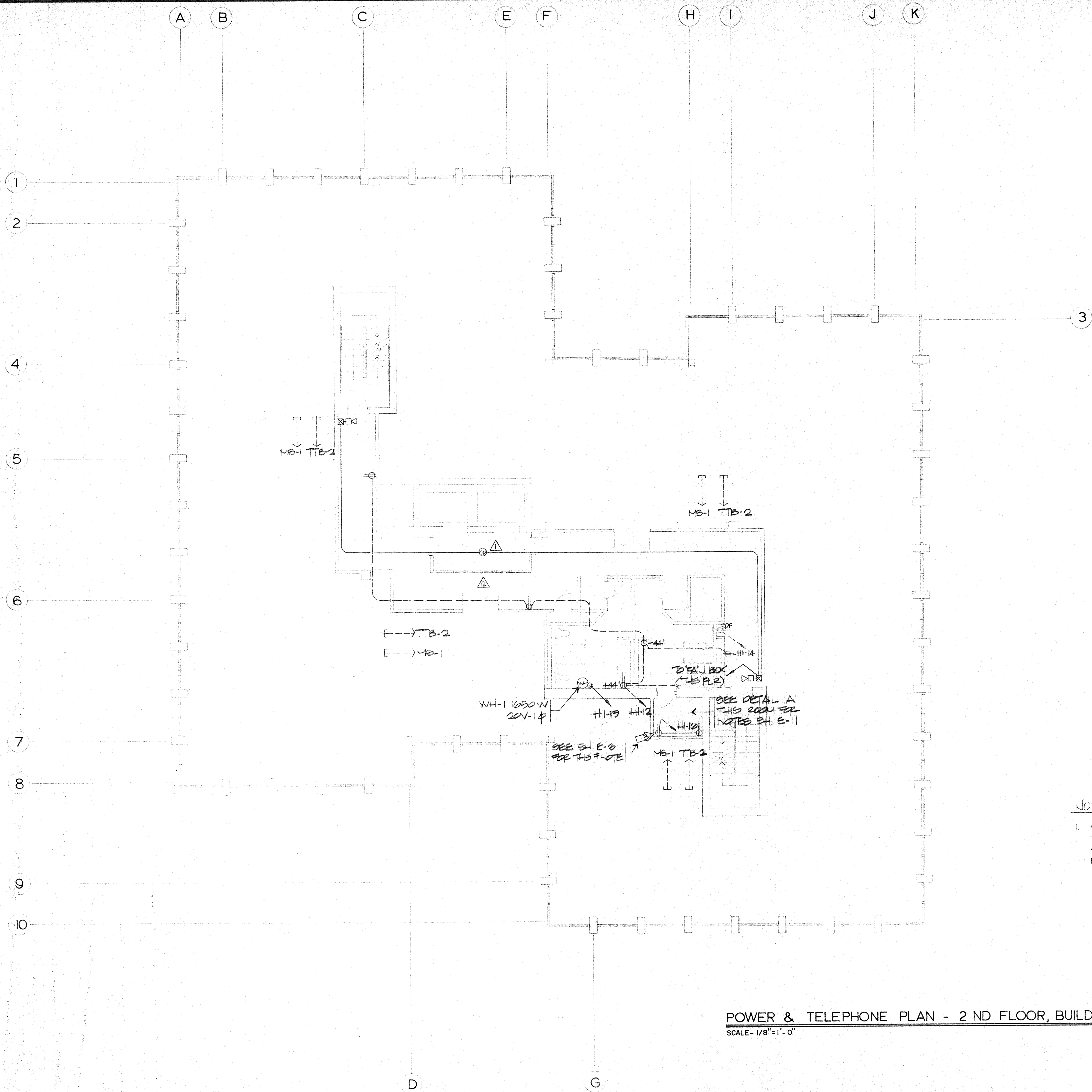
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NOTES:
 1. MULTI TENANT ENTIRE FLOOR - THIRD, FOURTH, & FIFTH FLOOR PLANS SIMILAR IF ENTIRE FLOOR IS OCCUPIED BY MULTI TENANTS. BUILDING II TYPICAL.

POWER & TELEPHONE PLAN - 2 ND FLOOR, BUILDING I
 SCALE - 1/8"=1'-0"

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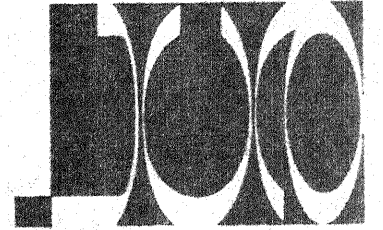
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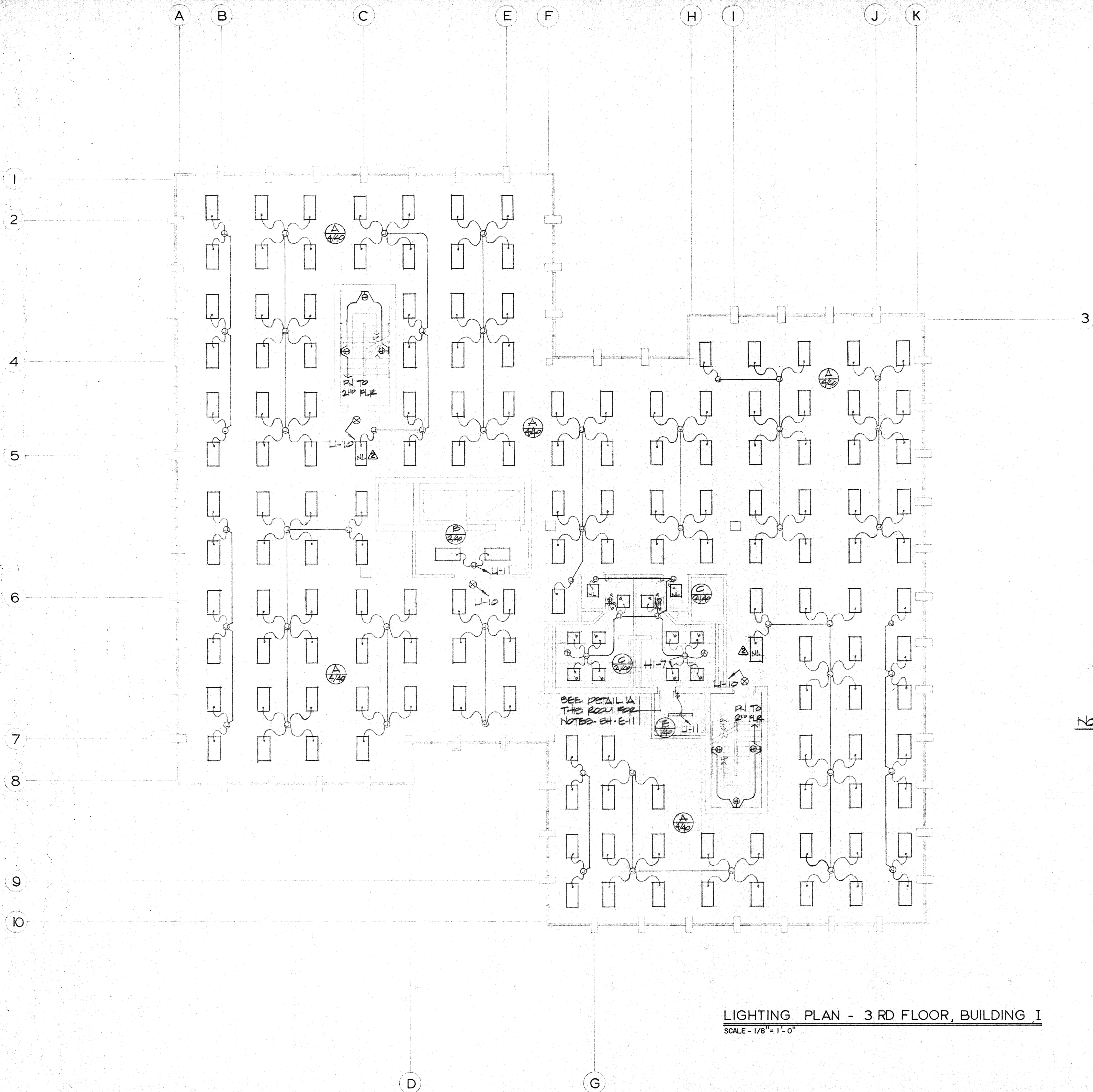
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 1. NC CITY COMMENTS
 2. REVISED PLAN

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 Los Gatos California 95030





▲ NL (NIGHT LIGHT) LOCATED AT STAIRWAY SUPPLIED W/ EMERGENCY BALLAST & BATTERY PACK.

NOTES:

1. SINGLE TENANT ENTIRE FLOOR - SECOND, FOURTH AND FIFTH FLOOR PLANS SIMILAR IF ENTIRE FLOOR IS OCCUPIED BY A SINGLE TENANT.
2. LIGHTING LAYOUT IS SHOWN FOR TYPICAL TENANT FLOOR PLAN. EXACT LAYOUT, SWITCHING AND CIRCUITING IS TO BE ANALYZED WHEN TENANT IMPROVEMENTS ARE COMPLETED.
3. BUILDING II IS TYPICAL.

LIGHTING PLAN - 3 RD FLOOR, BUILDING I
SCALE - 1/8" = 1'-0"

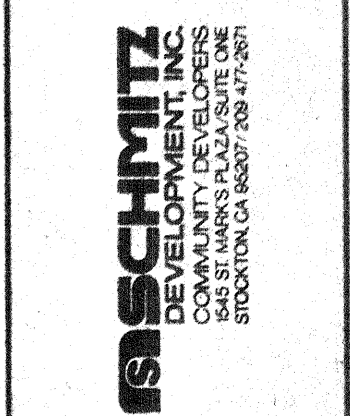


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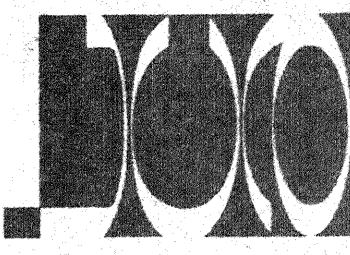
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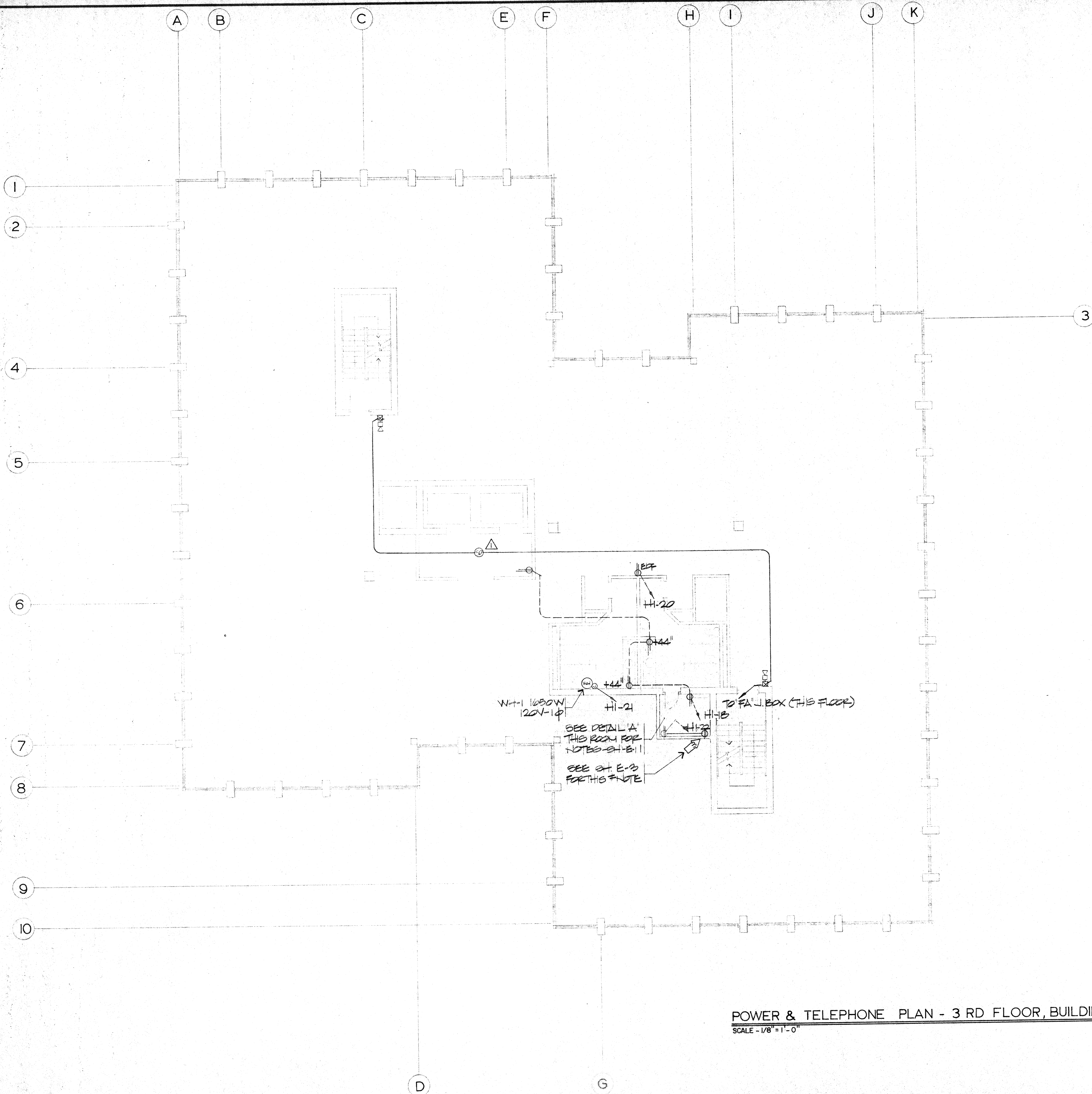
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REVISED: 25 JAN. 1982

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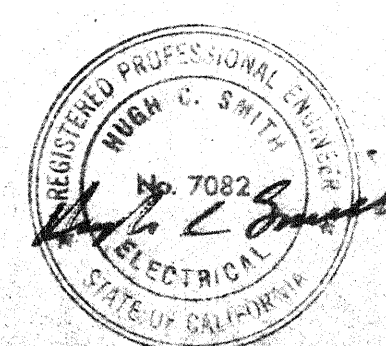




NOTES:

1. SINGLE TENANT ENTIRE FLOOR - SECOND, FOURTH, AND FIFTH FLOOR PLANS SIMILAR IF ENTIRE FLOOR IS OCCUPIED BY A SINGLE TENANT.
2. TELEPHONE AND POWER OUTLETS ARE TO BE DETERMINED WHEN FLOOR IS FINISHED PER TENANTS REQUIREMENTS.
3. BUILDING II IS TYPICAL.

POWER & TELEPHONE PLAN - 3 RD FLOOR, BUILDING I
SCALE - 1/8" = 1'-0"

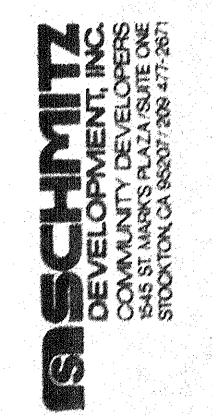


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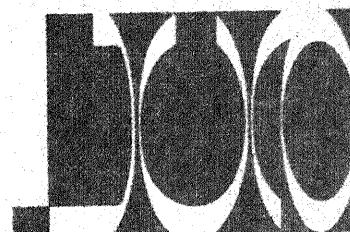
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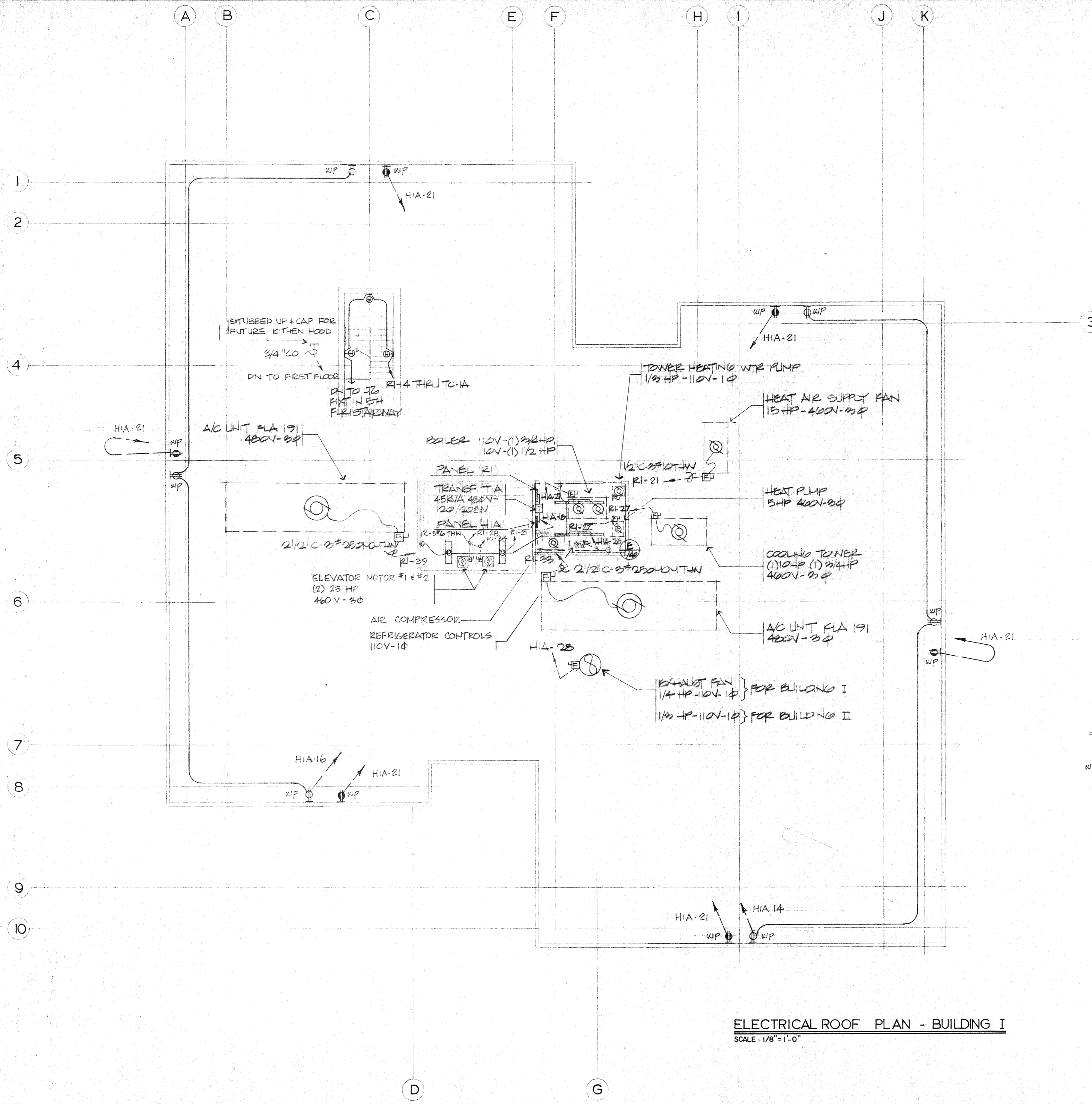
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ELECTRICAL ROOF PLAN - BUILDING I
SCALE - 1/8" = 1'-0"

NOTES:
1. BUILDING II IS TYPICAL.
WP DENOTES HUBBELL NO. 2620 SINGLE OUTLET (N.E.M.A. L6-30) W/ NO. 7425 WEATHERTIGHT LIFT COVER, 308 VOLT - 60 HZ - 30 AMP. MAX LOAD

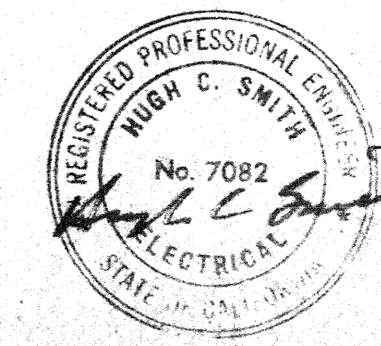
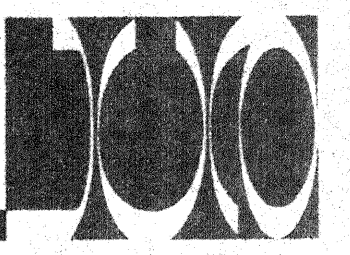
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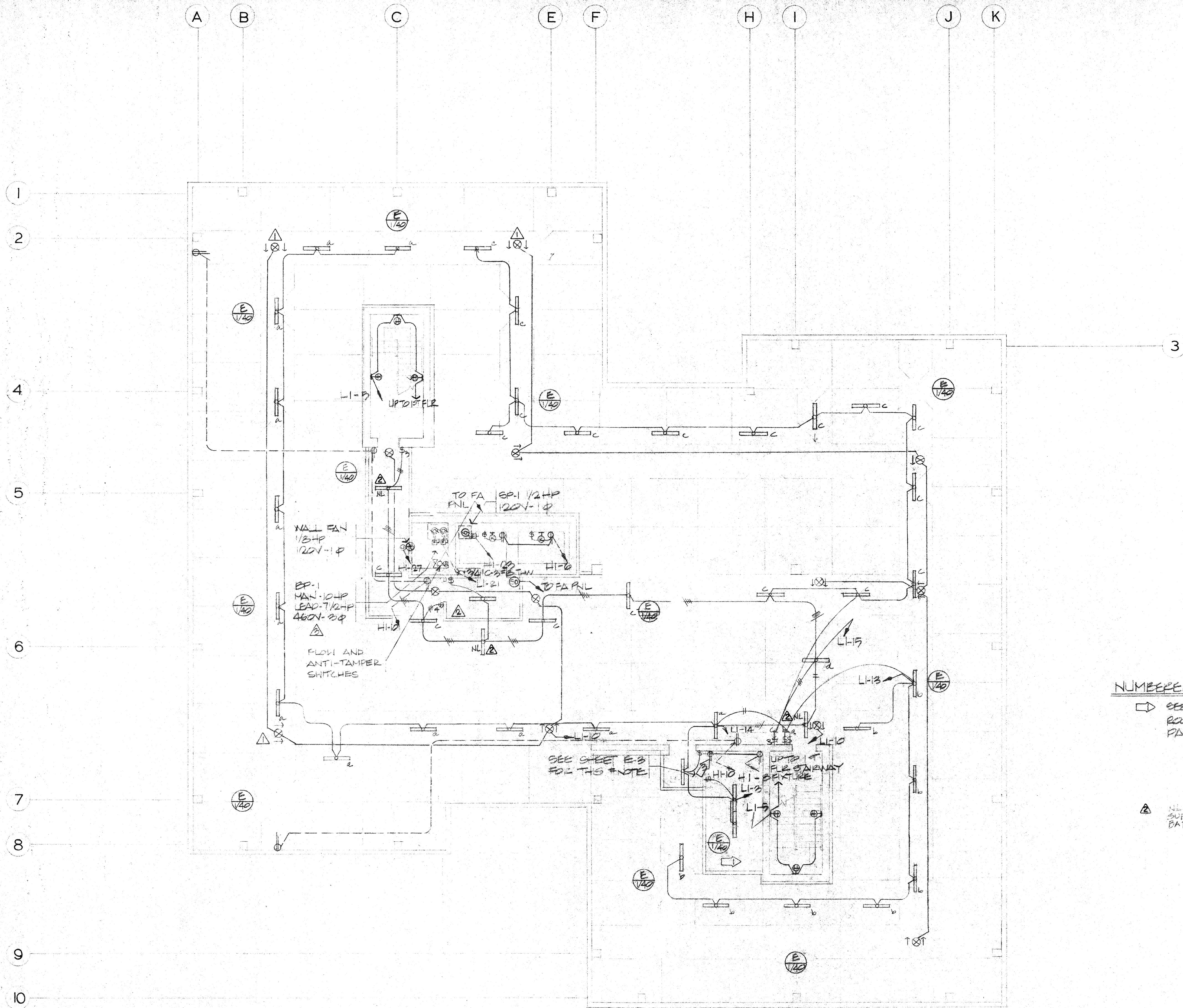
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NUMBERED NOTES THIS SHEET

□ SEE SHEET E-11 FOR ENLARGED PLAN OF ROOM 009 AND EXACT LOCATION OF ELECTRICAL PANELS - SEE # NOTE 2 THAT SHEET

△ (NL NIGHT LIGHT) LOCATED IN EXIT COPPER DOOR SUPPLIED BY EMERGENCY BALLAST & BATTERY PACK

ELECTRICAL FLOOR PLAN - BASEMENT, BUILDING II
SCALE - 1/8" = 1'-0"



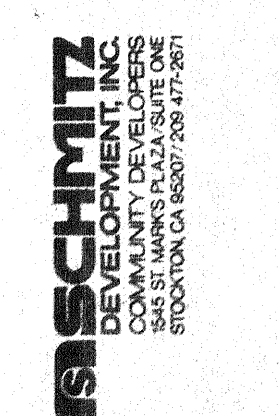
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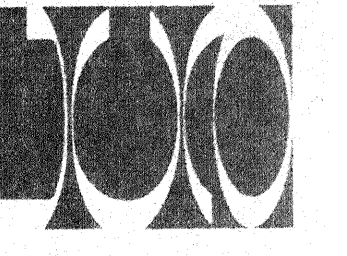
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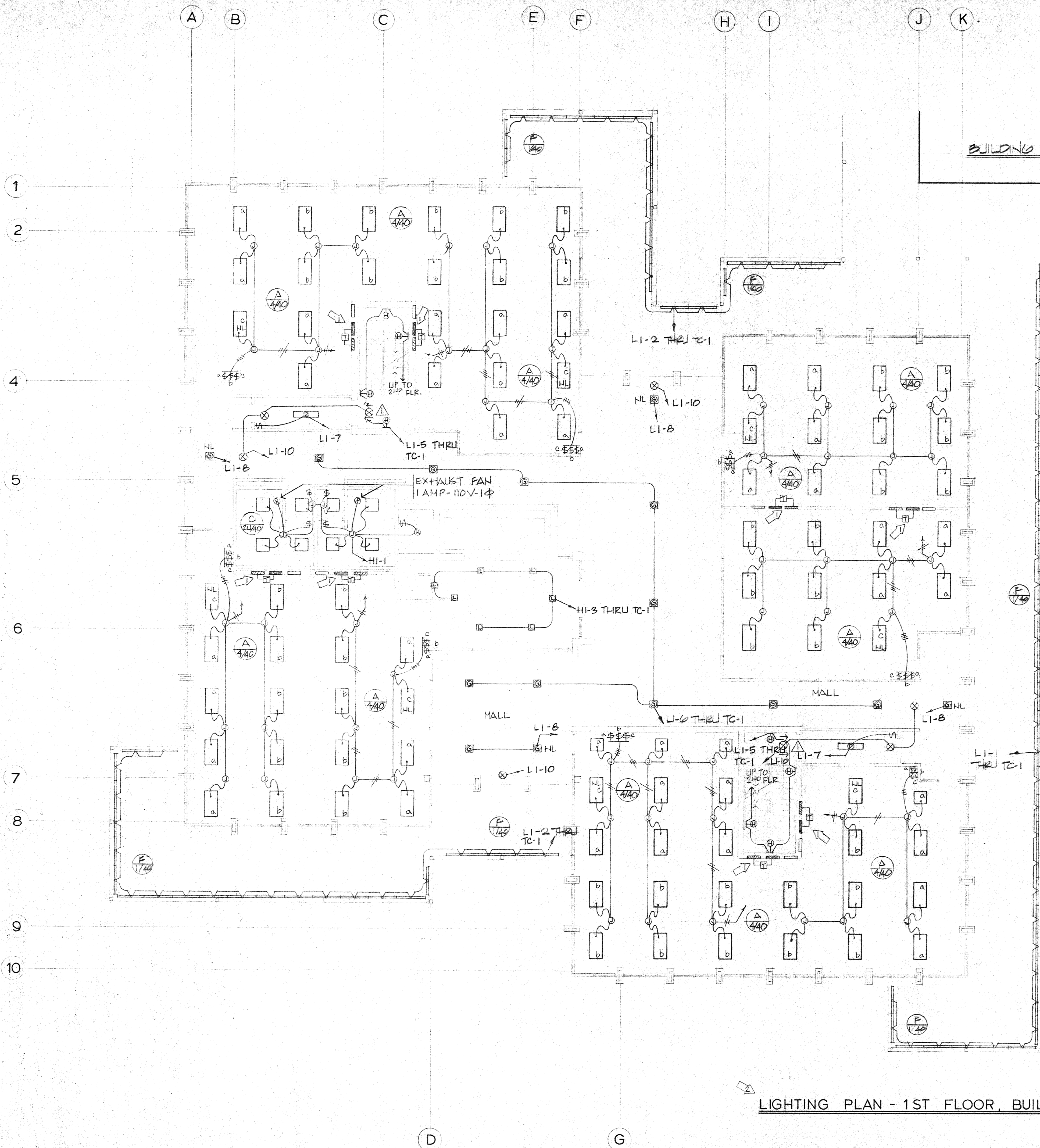
REVISION: 1. N.C. CITY COMMENTS, 2. REVISED I.E. PLAN, 3. REVISED MECH PLAN

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LIGHTING PLAN - 1ST FLOOR, BUILDING II

NUMBERED NOTES THIS SHEET:

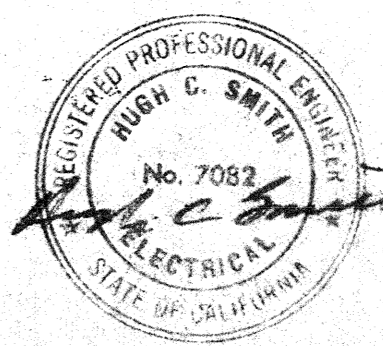
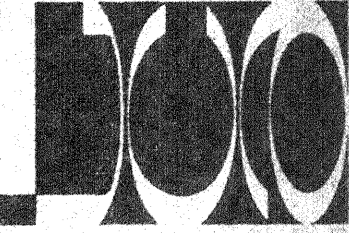
- 1. PANELS FOR COMMERCIAL SHOPS TO BE SIZED AND LOCATED WHEN OCCUPANCY IS FINALIZED.
- 2. LIGHTING LAYOUT IS SHOWN FOR TYPICAL TENANTS FLOOR PLAN. EXACT LAYOUT, SWITCHING AND CIRCUITING IS TO BE FINALIZED WHEN TENANT IMPROVEMENTS ARE COMPLETED.

DATE 15 OCTOBER 1981
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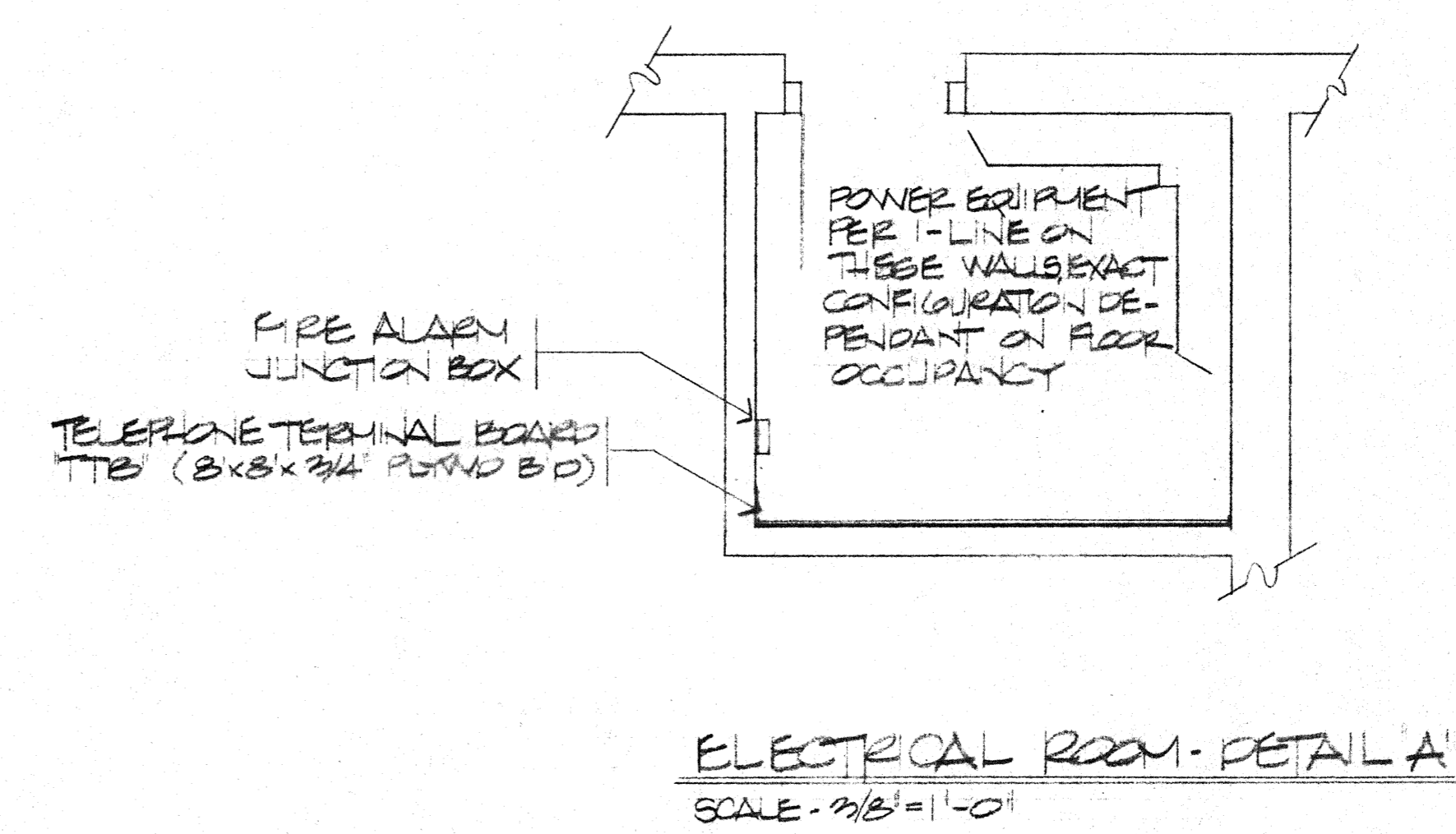
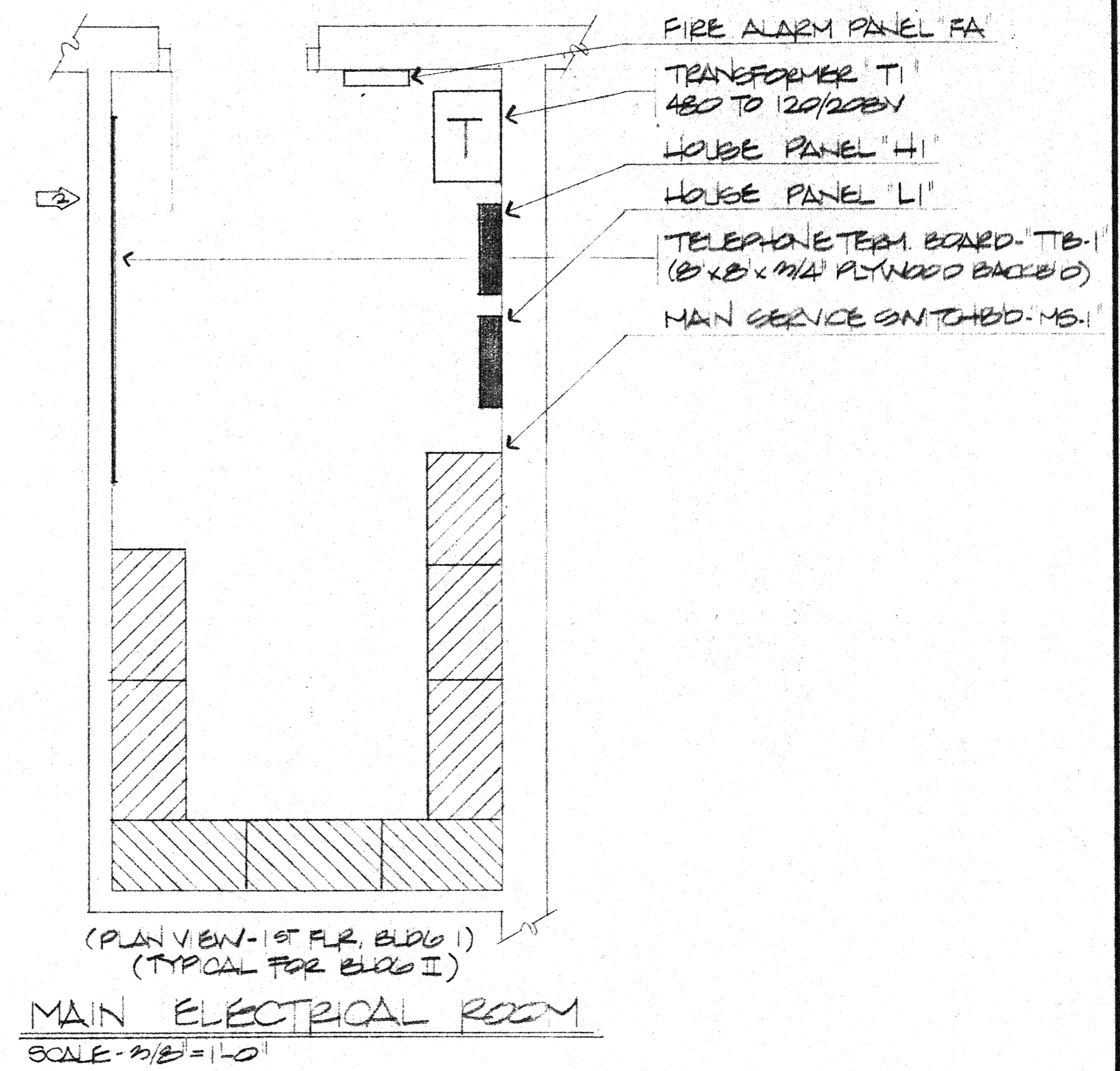
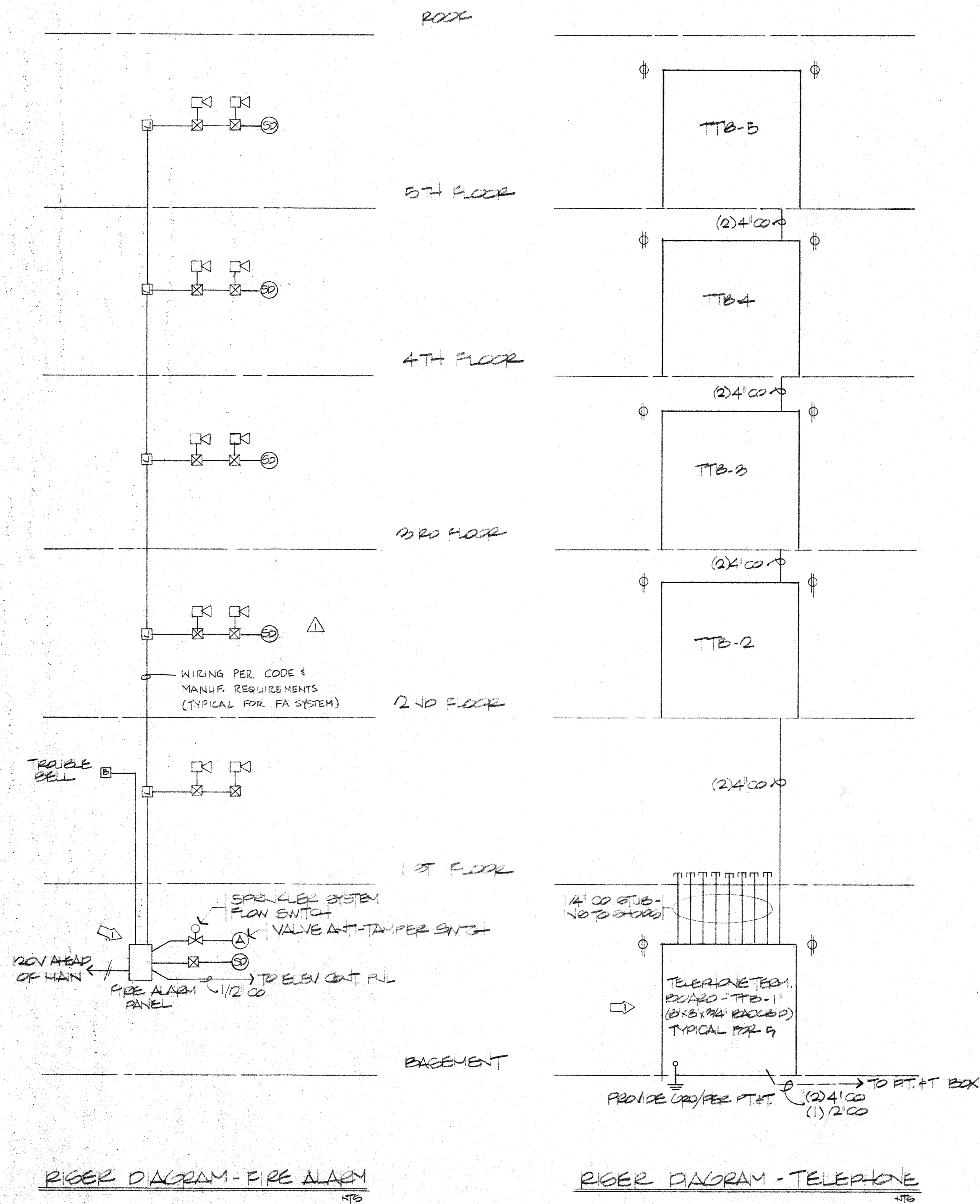
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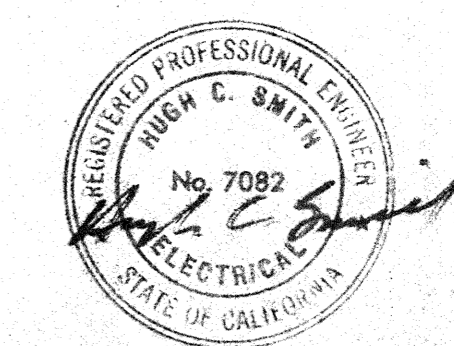
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- NUMBERED NOTES THIS SHEET**
- 1 IN BUILDING I FIRE ALARM PANEL AND TTB-1 ARE ON FIRST FLOOR IN MAIN ELECTRICAL ROOM.
 - 2 IN BUILDING II DOOR IS LOCATED WHERE TTB-1 IS SHOWN. SWITCH TTB-1 WHERE FIRE ALARM PANEL



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