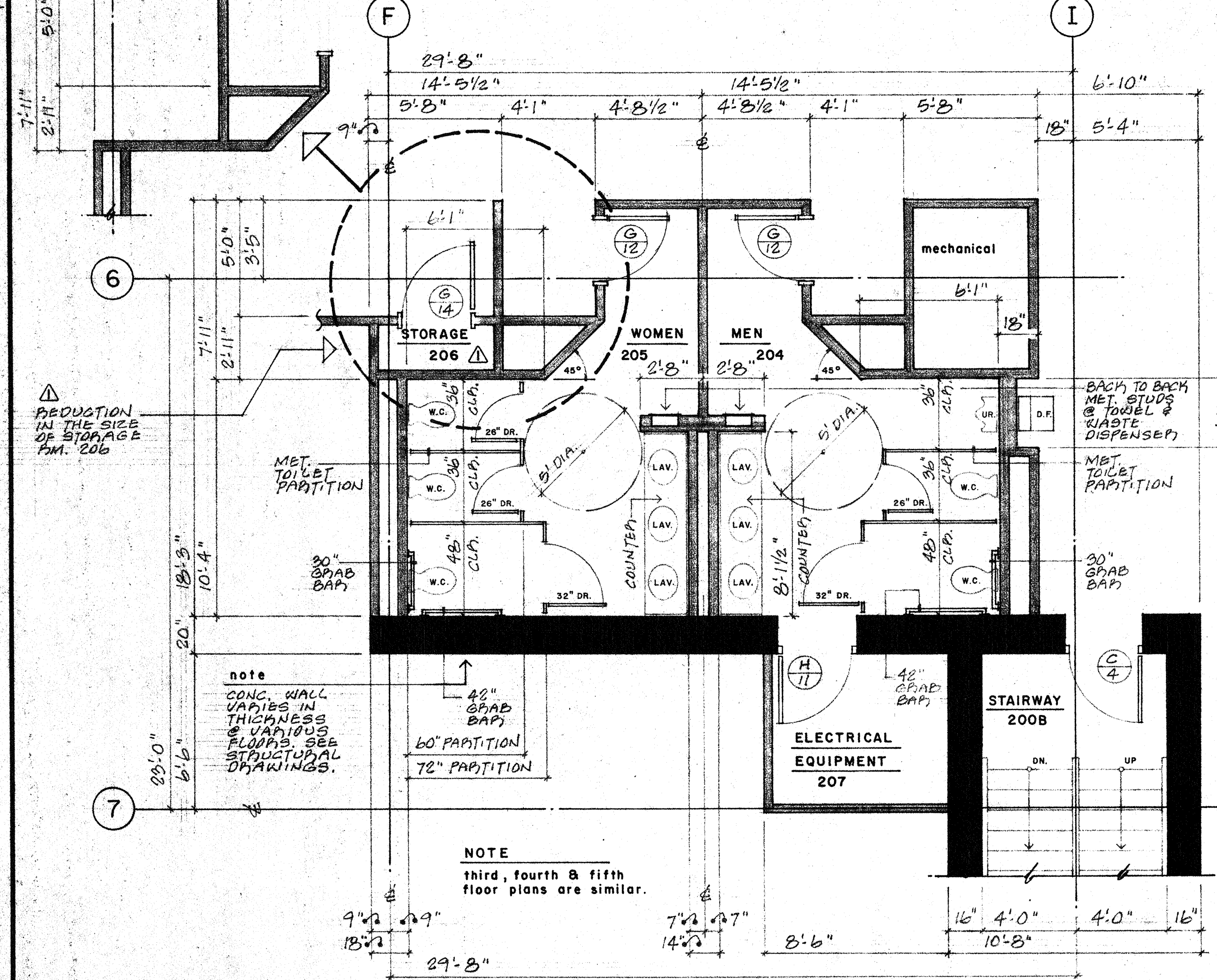
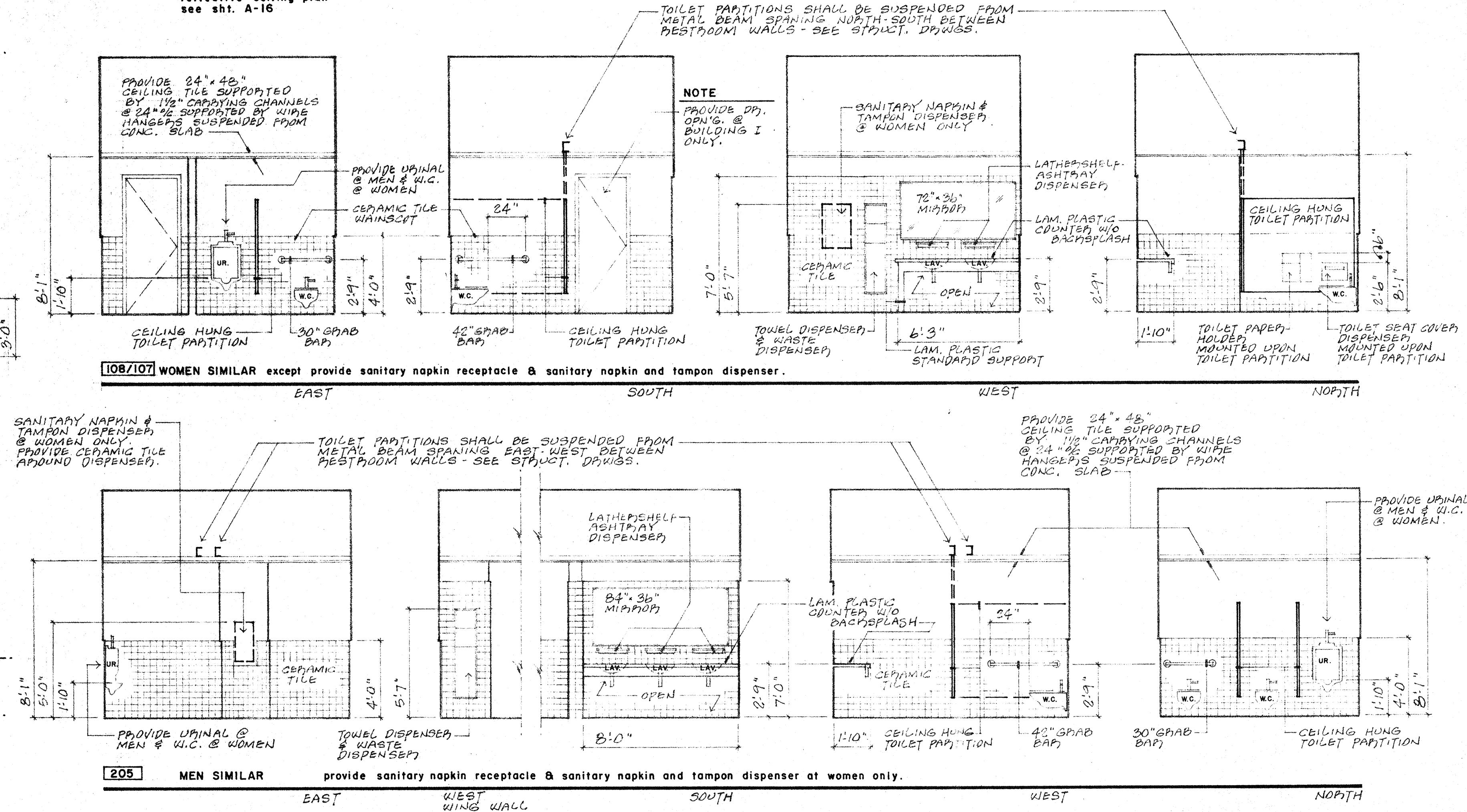
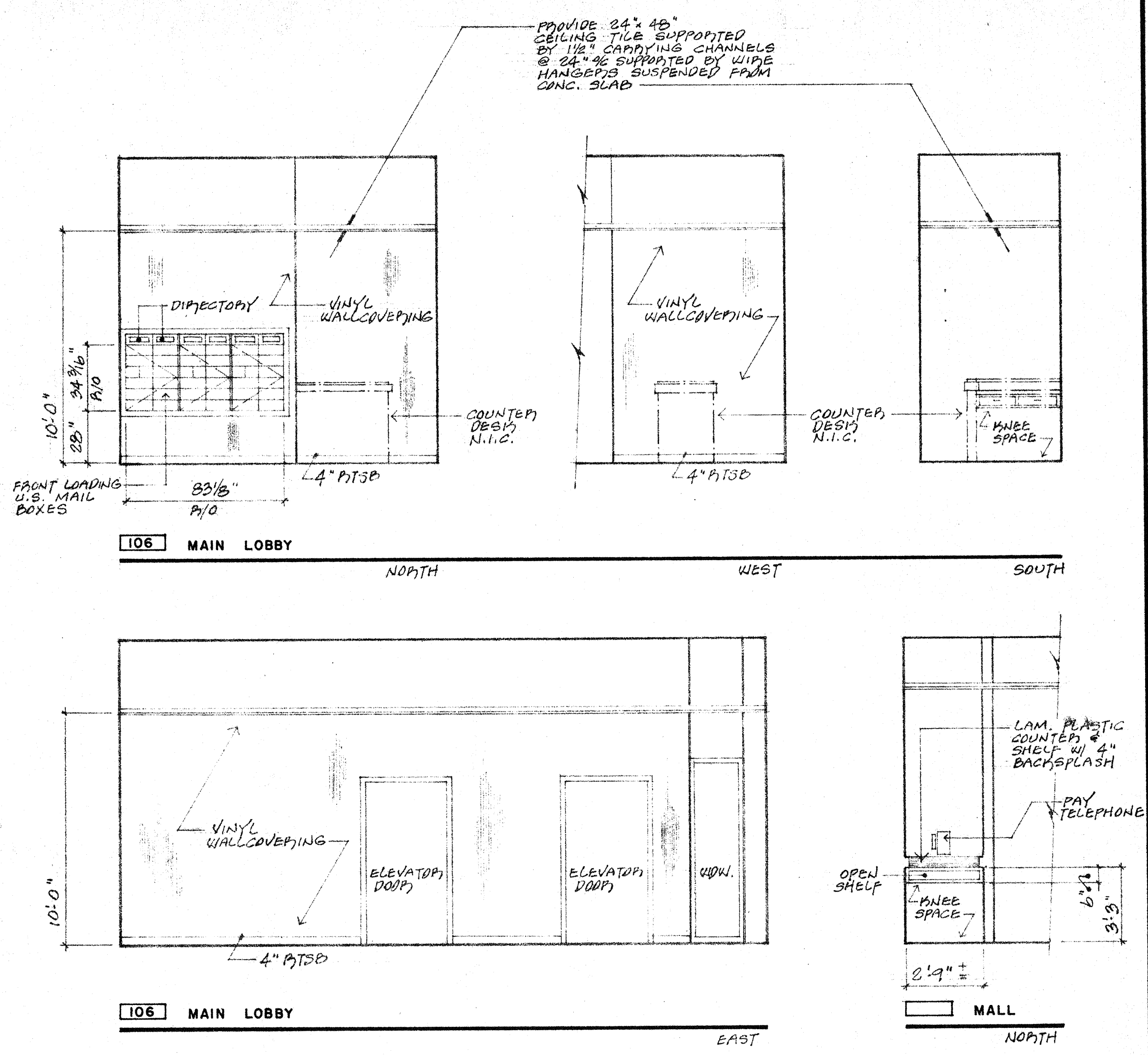


**PARTIAL FIRST FLOOR PLAN**  
SCALE 1/4" = 1'-0"



**PARTIAL SECOND FLOOR PLAN**  
SCALE 1/4" = 1'-0"



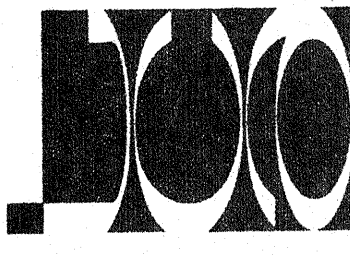
Lawrence Cook, Architect, retains all rights and ownership to these drawings and specifications in whole or in part, on any other site than the one for which they were specifically prepared.

DATE 15 OCTOBER 1981  
REVISED 7 JAN. 1982

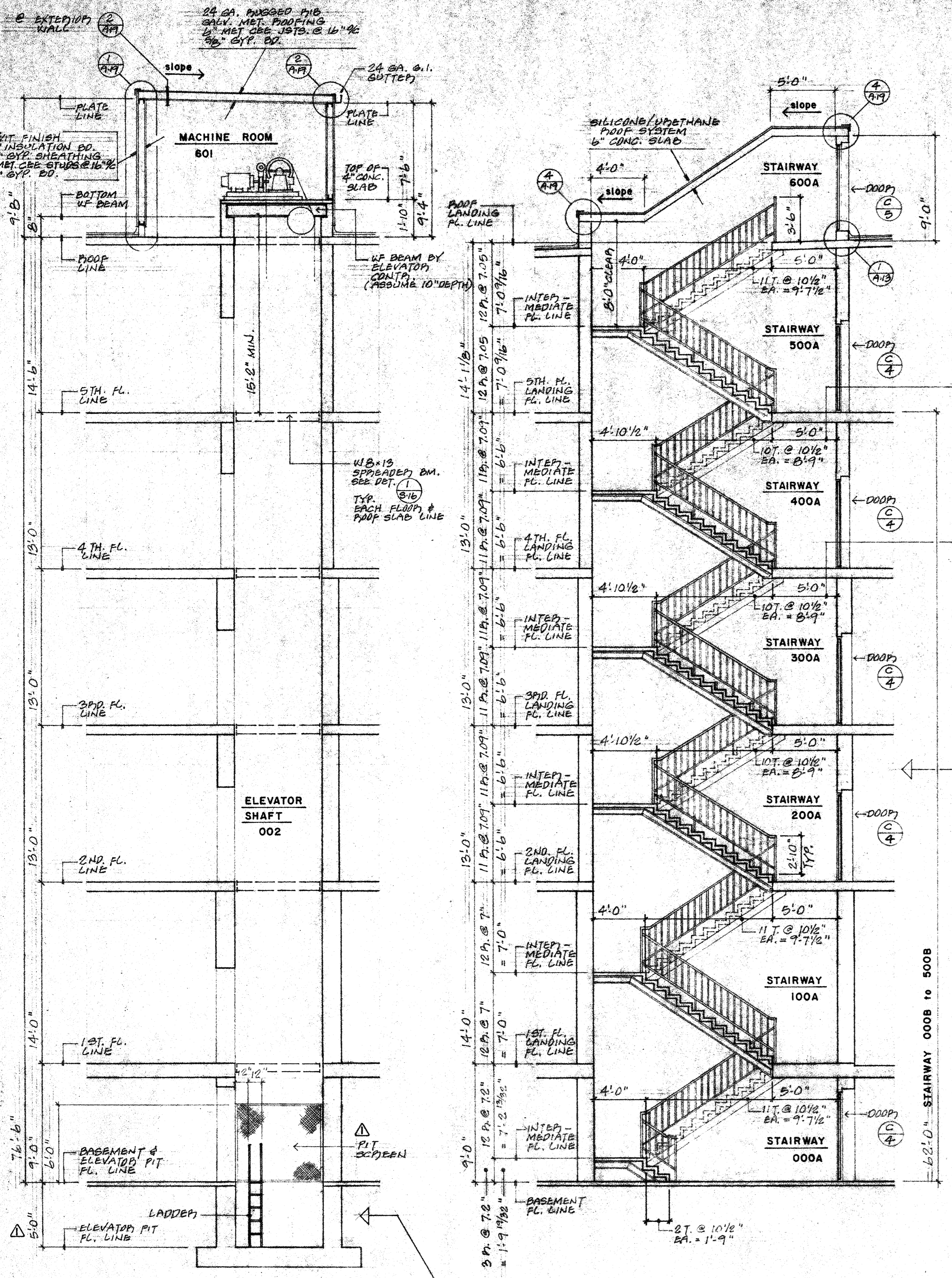
**THE WATERFRONT OFFICE TOWERS**  
stockton downtown redevelopment  
weber avenue & lincoln street  
stockton, california

**SCHMITZ**  
DEVELOPMENT INC.  
304 S. MARKET PLACE, SUITE 206  
STOCKTON, CALIF. 95207-2067

**Lawrence Cook**  
Architect  
AIA  
408 353-1500  
20091 Old Santa Cruz Highway  
Los Gatos California 95030

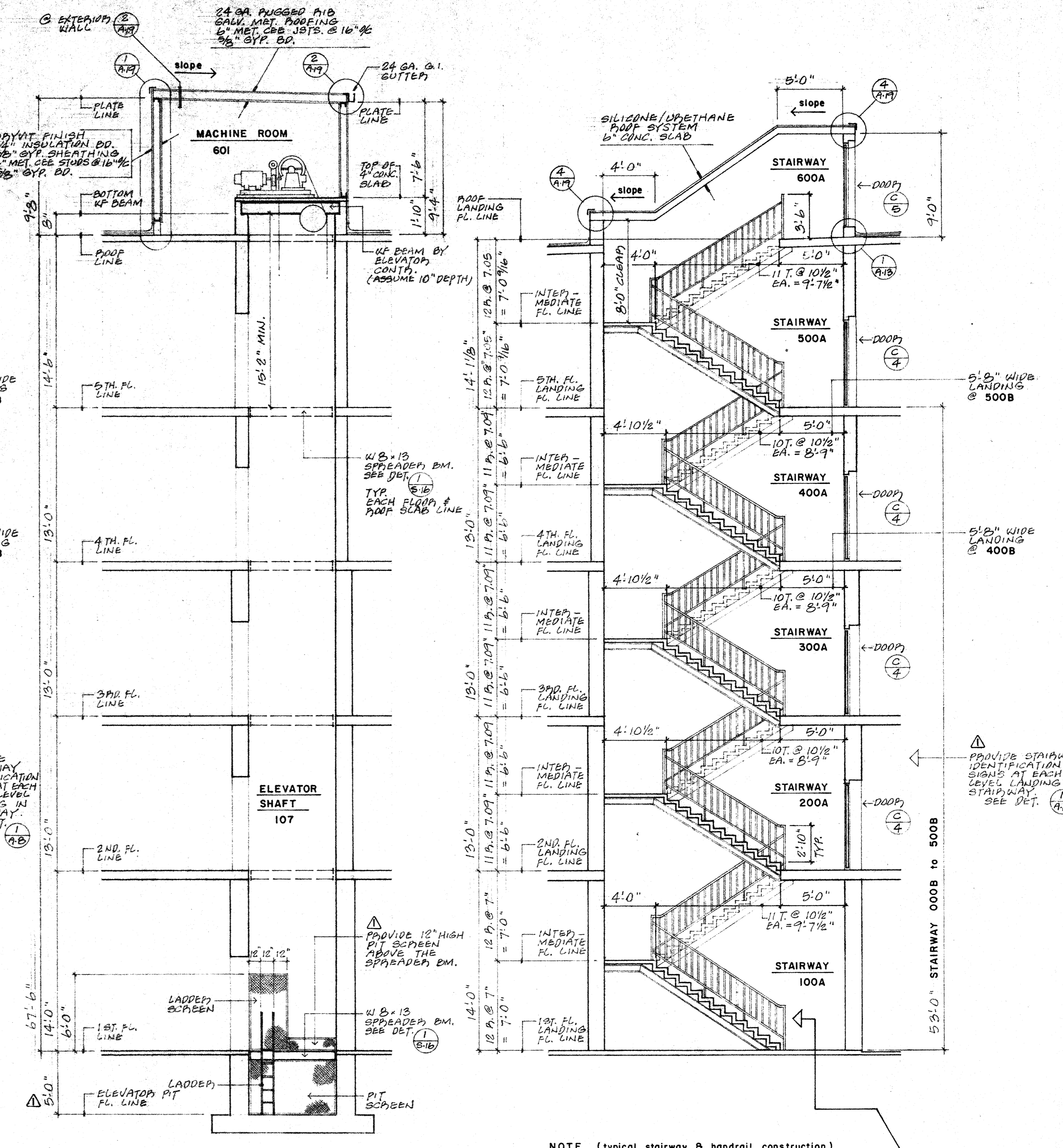


A-20



SECTION A  
SCALE 3/16" = 1'-0"  
BUILDING II

STAIRWAY SECTION B  
SCALE 3/16" = 1'-0"



SECTION C  
SCALE 3/16" = 1'-0"  
BUILDING I

STAIRWAY SECTION D  
SCALE 3/16" = 1'-0"

NOTE (typical stairway & handrail construction)

- stairway**
1. PROVIDE A SINGLE 4" x 7 1/4" STEEL TUBE STAIRSTEP.
  2. PROVIDE ONE PIECE PRE-CAST CONCRETE TREAD / RISE/STEPS.
  3. PROVIDE PRE-CAST CONCRETE INTERMEDIATE LANDINGS.
- handrails**
1. TOP HANDRAIL - 1 1/2" x 3/8" STEEL.
  2. BOTTOM RAILING - 3/8" x 3/8" STEEL.
  3. VERT. PICKETS - 1 1/2" x 1/2" @ 6" OC STEEL.
  4. VERT. SUPPORTS - 1 1/2" x 1/2" @ 120" STEEL TUBING @ 48" MAX.
  5. PROVIDE 1 1/2" x 3/8" STEEL HANDRAIL @ CONCRETE WALL ADJACENT TO EACH STAIRWAY. EXTEND HANDRAIL 6" BEYOND TOP & BOTTOM RISES. RETURN ENDS TO WALL.
- △ b. PROJECTION OF HANDRAIL FROM WALL SHALL BE 3/8" MAX.

△ BASEMENT SERVICED BY NORTH ELEVATOR ONLY. THE BASEMENT FL. LINE & SOUTH ELEVATOR PIT FL. LINE ALIGN. SOUTH ELEVATOR PIT IS 3'-0" DEEP. DO NOT INSTALL THE SOUTH ELEVATOR LADDER AT PIT SCREEN WALL.

△ PROVIDE STAIRWAY IDENTIFICATION SIGNS AT EACH FLOOR LEVEL LANDING IN STAIRWAY. SEE DET. (1) (A,B)

△ PROVIDE STAIRWAY IDENTIFICATION SIGNS AT EACH FLOOR LEVEL LANDING IN STAIRWAY. SEE DET. (1) (A,B)

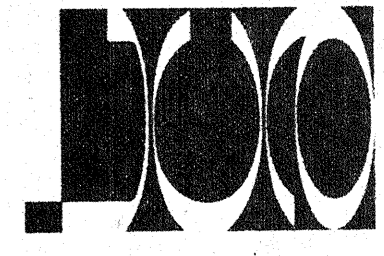
Lawrence Cook, Architect, retains all rights and responsibility for their unauthorized use in whole or in part, in any other site than the one for which they were originally prepared.

DATE 15 OCTOBER 1981  
REVISED 7 JAN. 1982

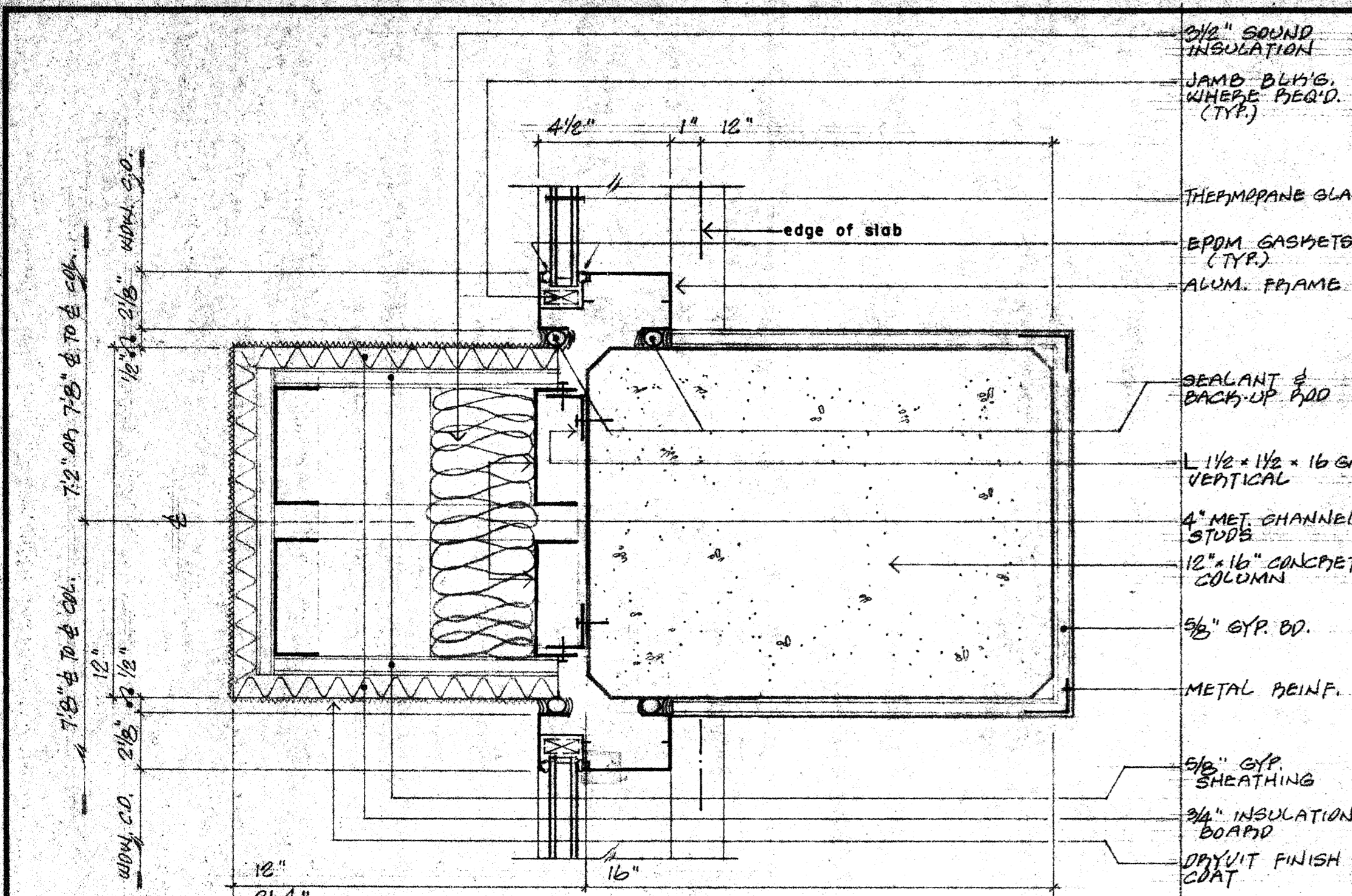
**THE WATERFRONT OFFICE TOWERS**  
stockton downtown redevelopment  
weber avenue & lincoln street  
stockton, california

**SCHMITZ**  
DEVELOPMENT INC.  
COMMUNITY DEVELOPERS  
STOCKTON, CALIFORNIA 95207

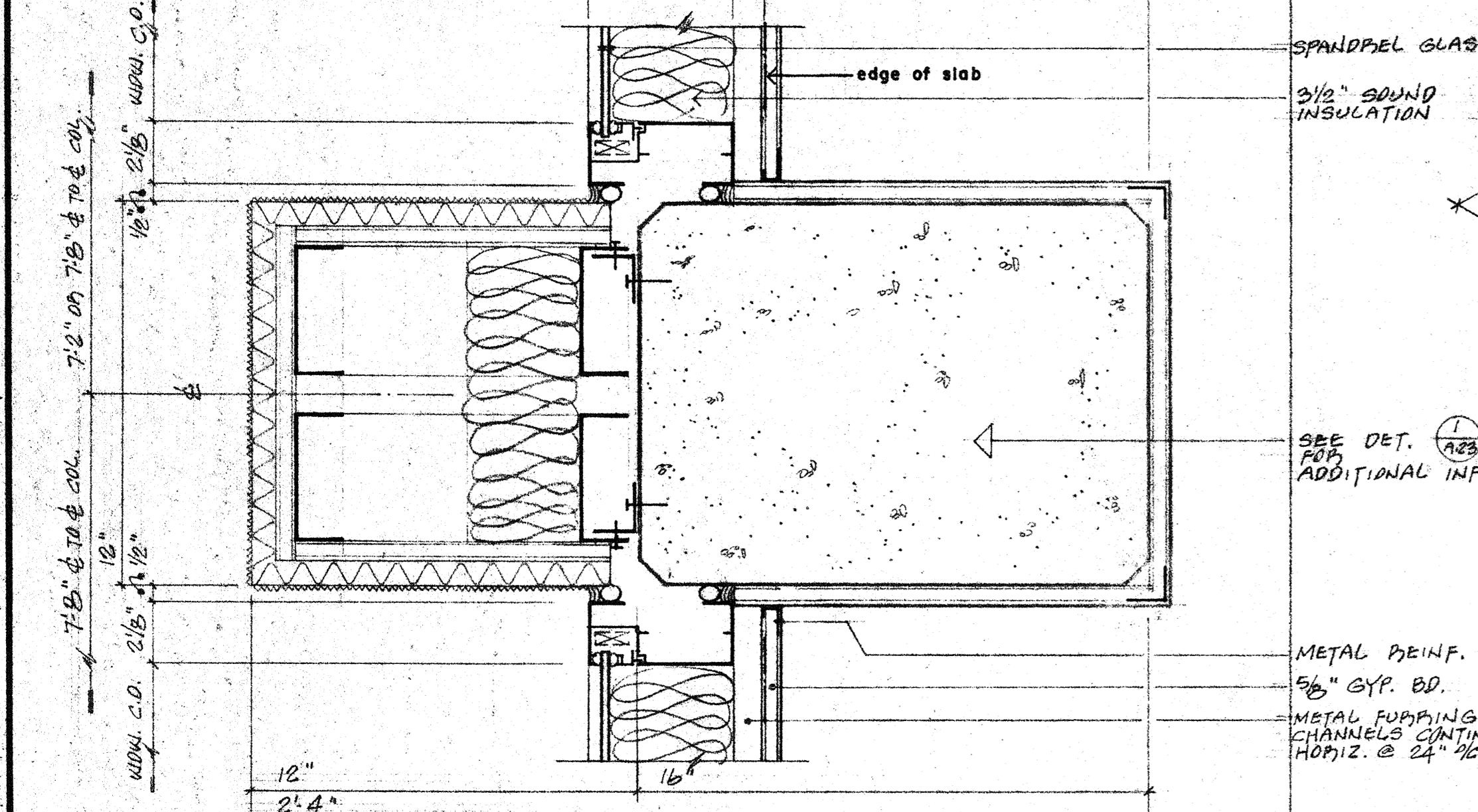
Lawrence Cook  
Architect AIA  
408 353-1500  
20091 Old Santa Cruz Highway  
Los Gatos California 95030



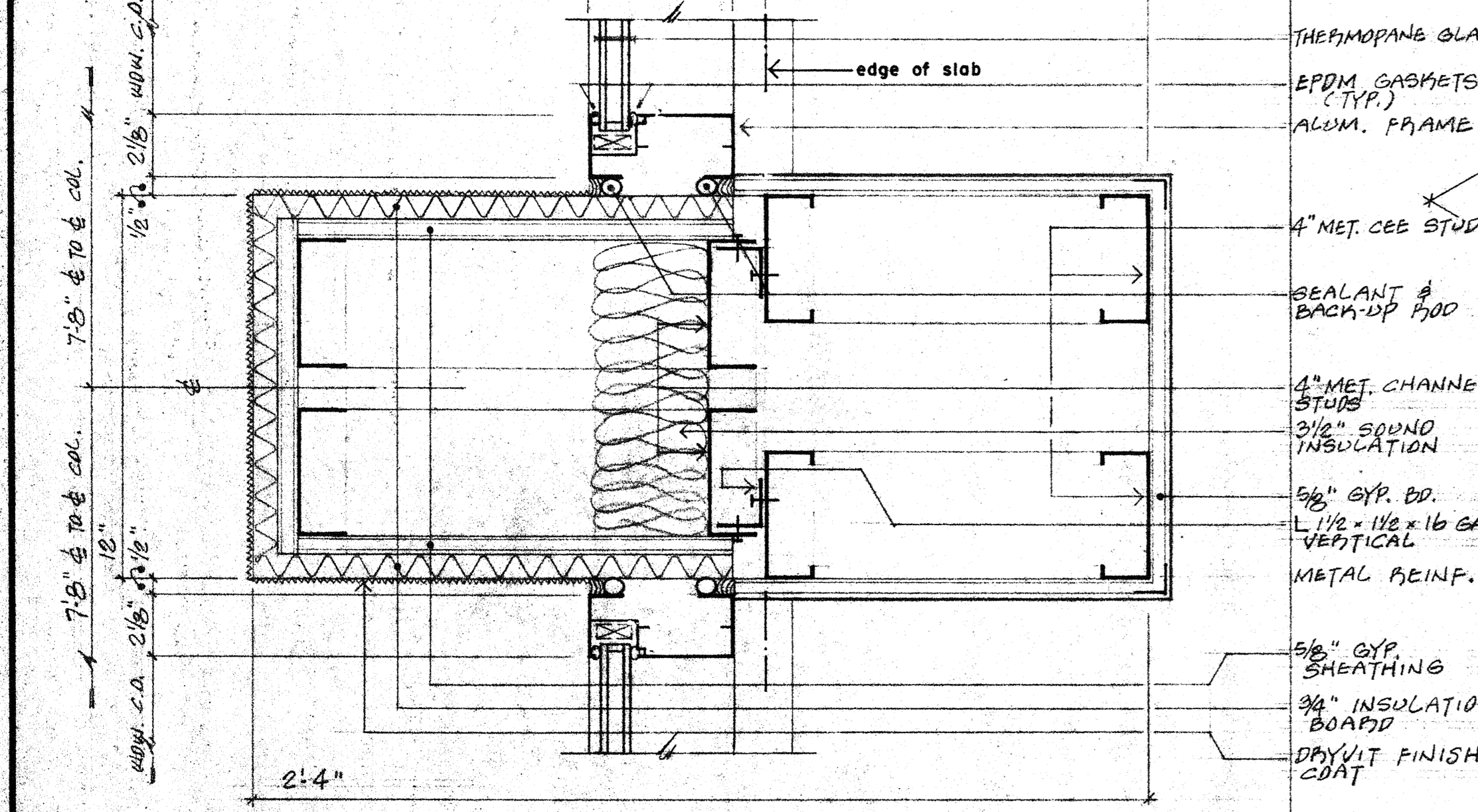




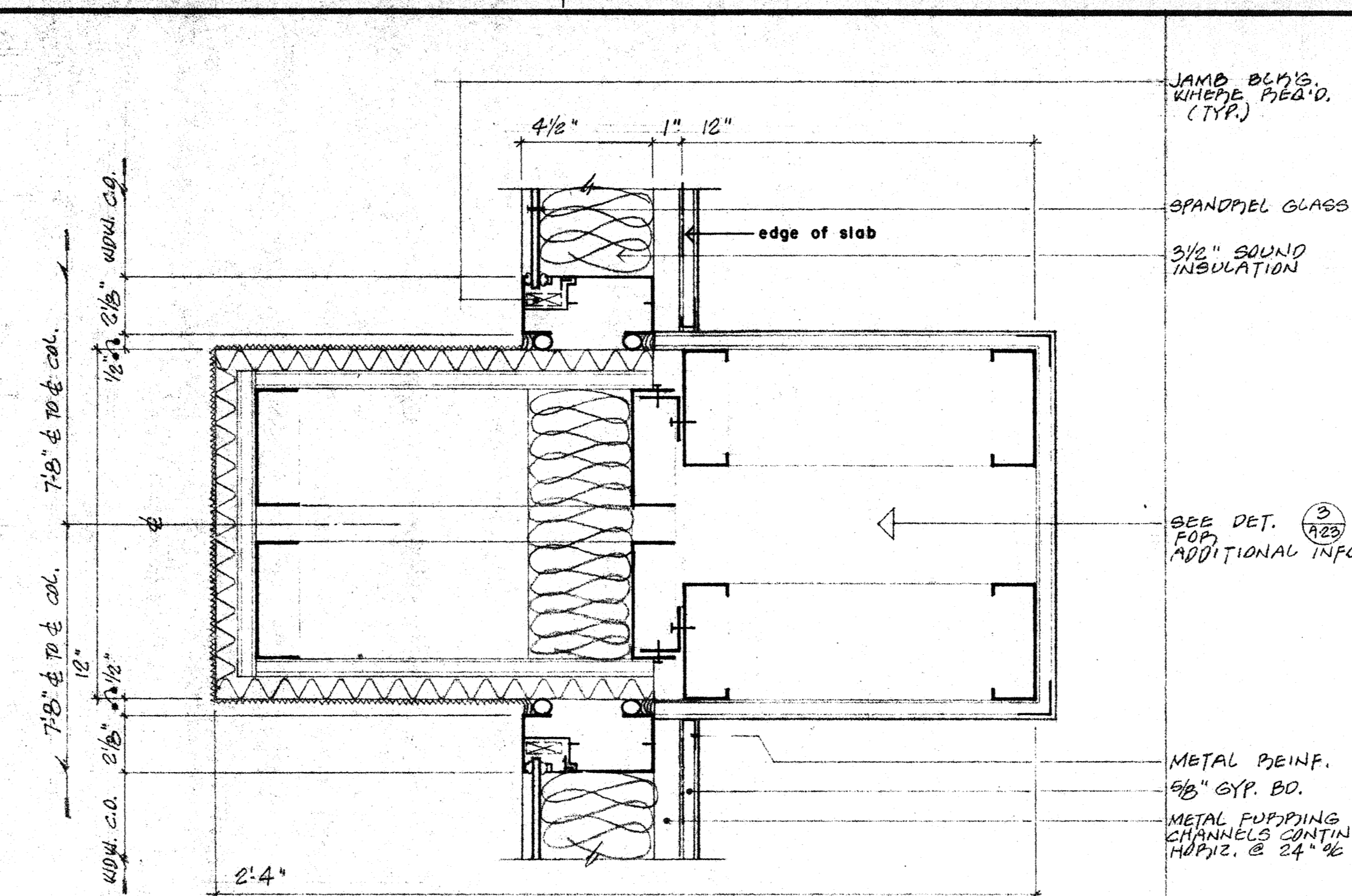
1 PLAN - COLUMN  
SCALE 3" = 1'-0"



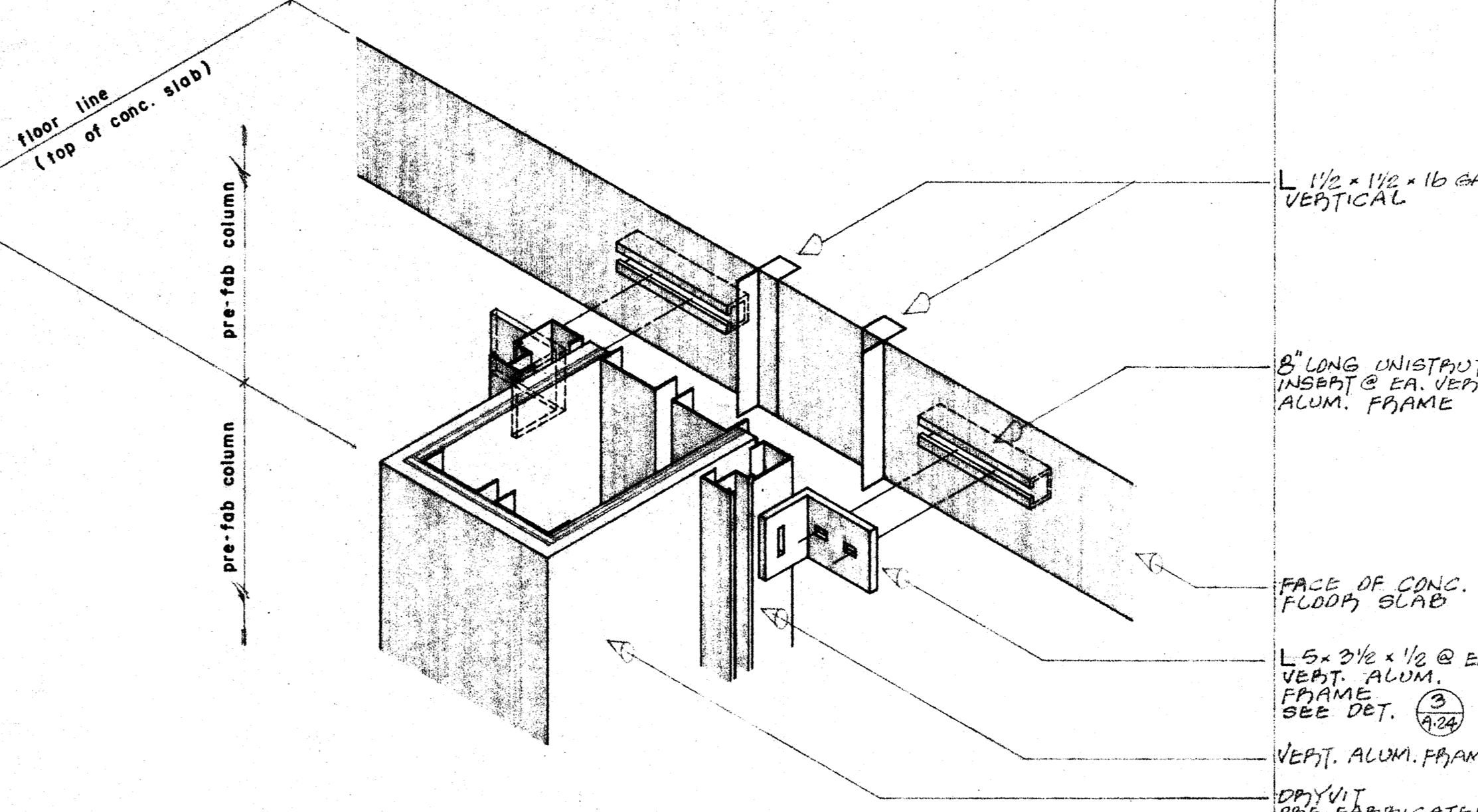
2 PLAN - COLUMN  
SCALE 3" = 1'-0"



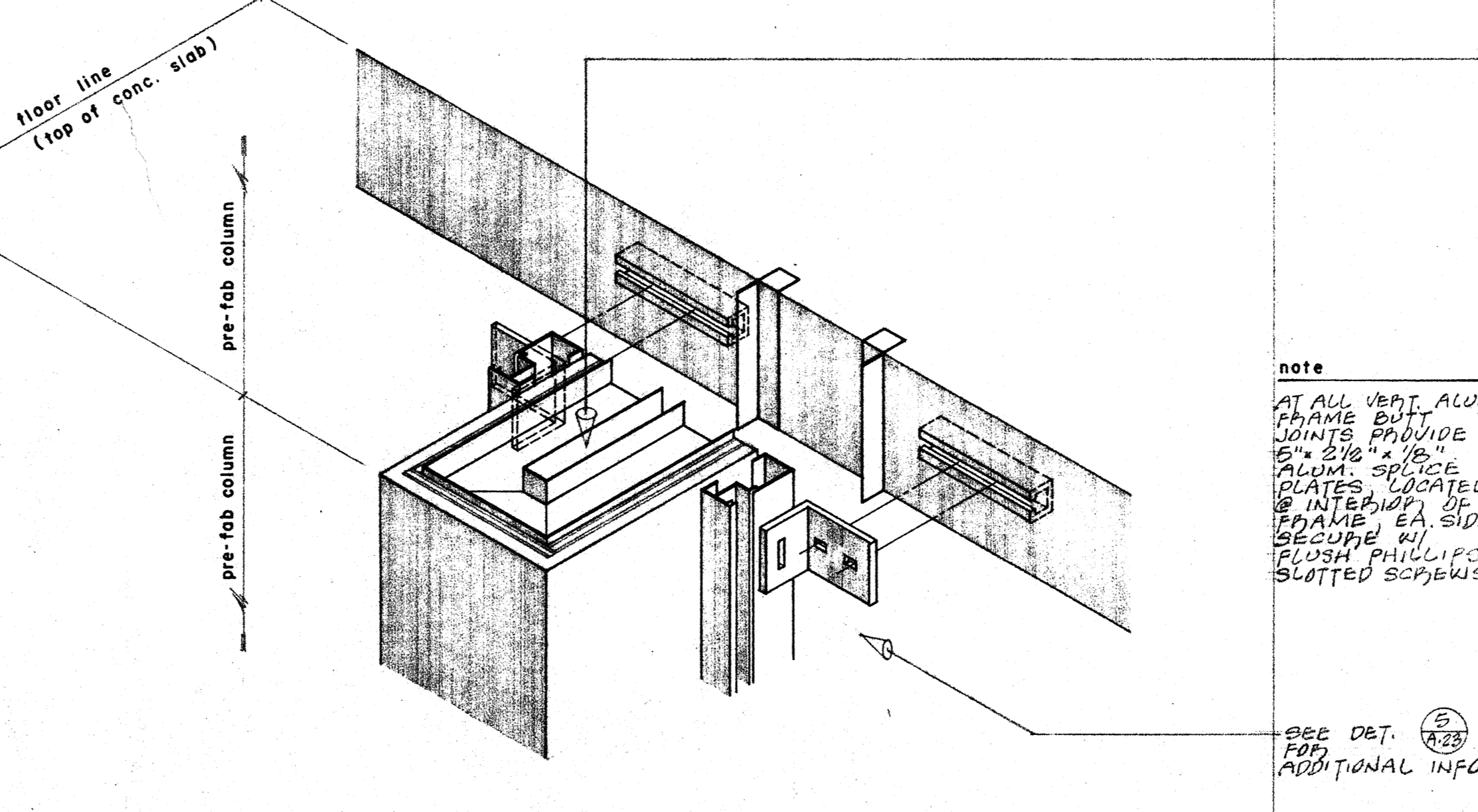
3 PLAN - COLUMN  
SCALE 3" = 1'-0"



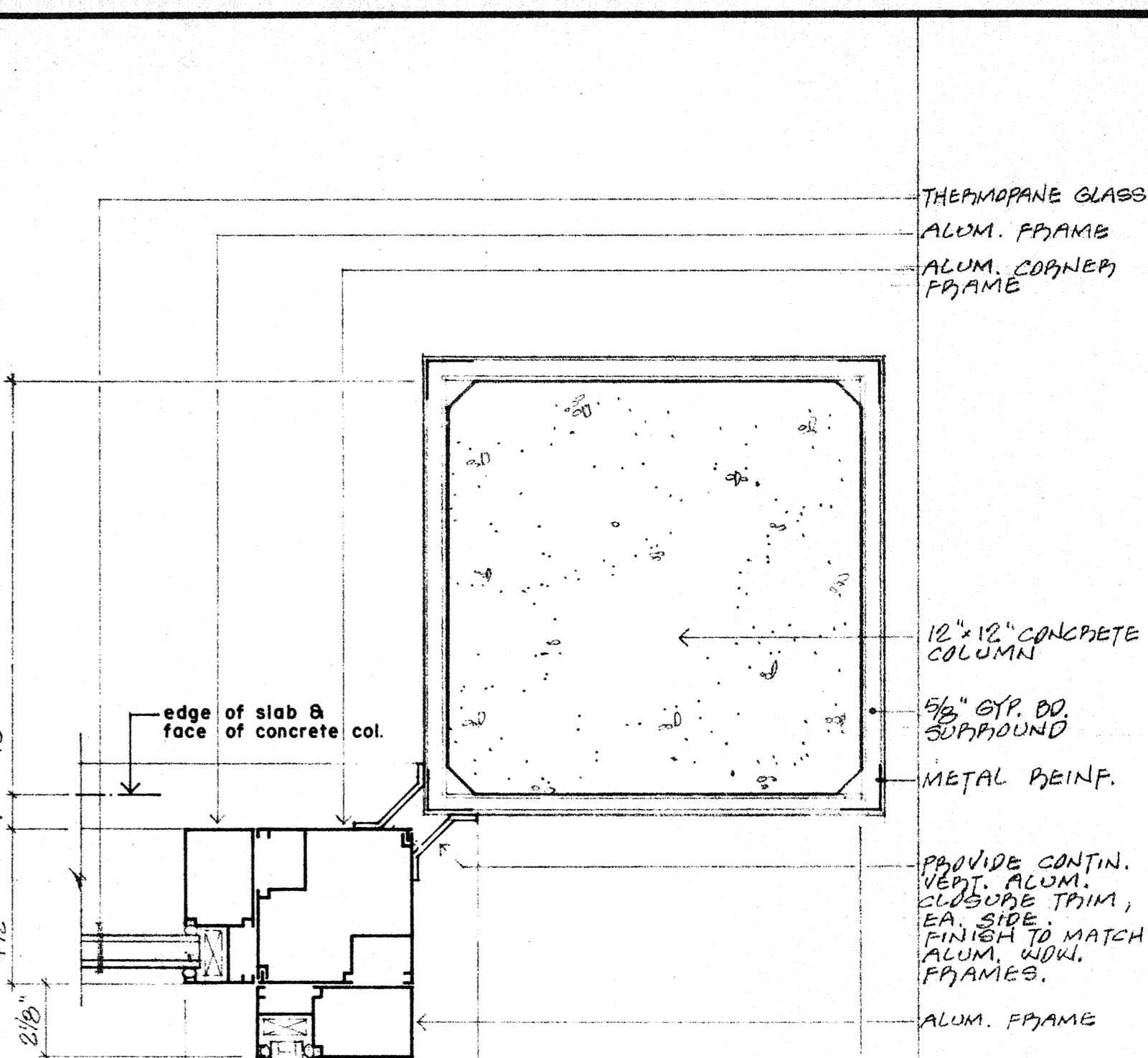
4 PLAN - COLUMN  
SCALE 3" = 1'-0"



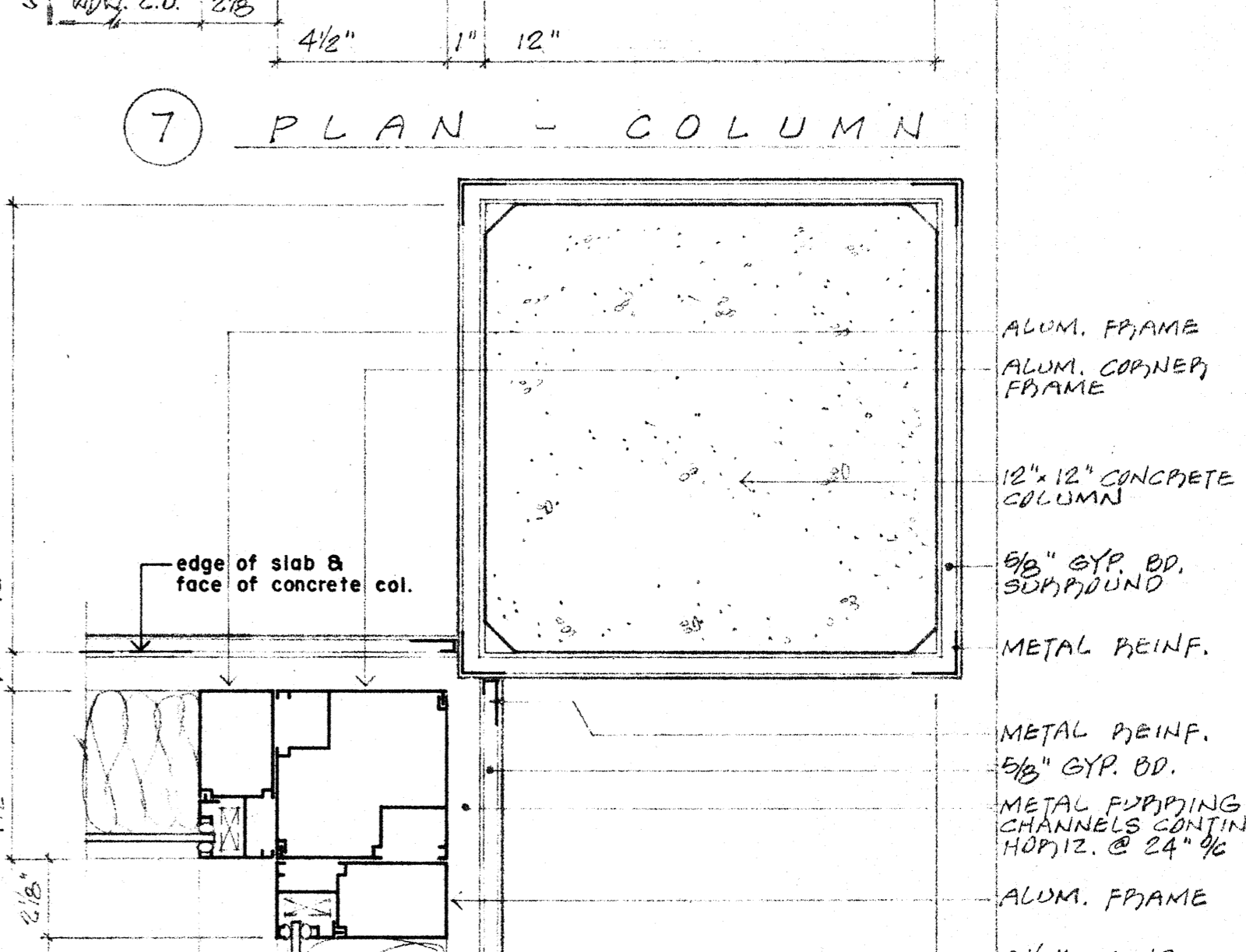
5 SLAB - COLUMN DET.  
SCALE 1/2" = 1'-0"



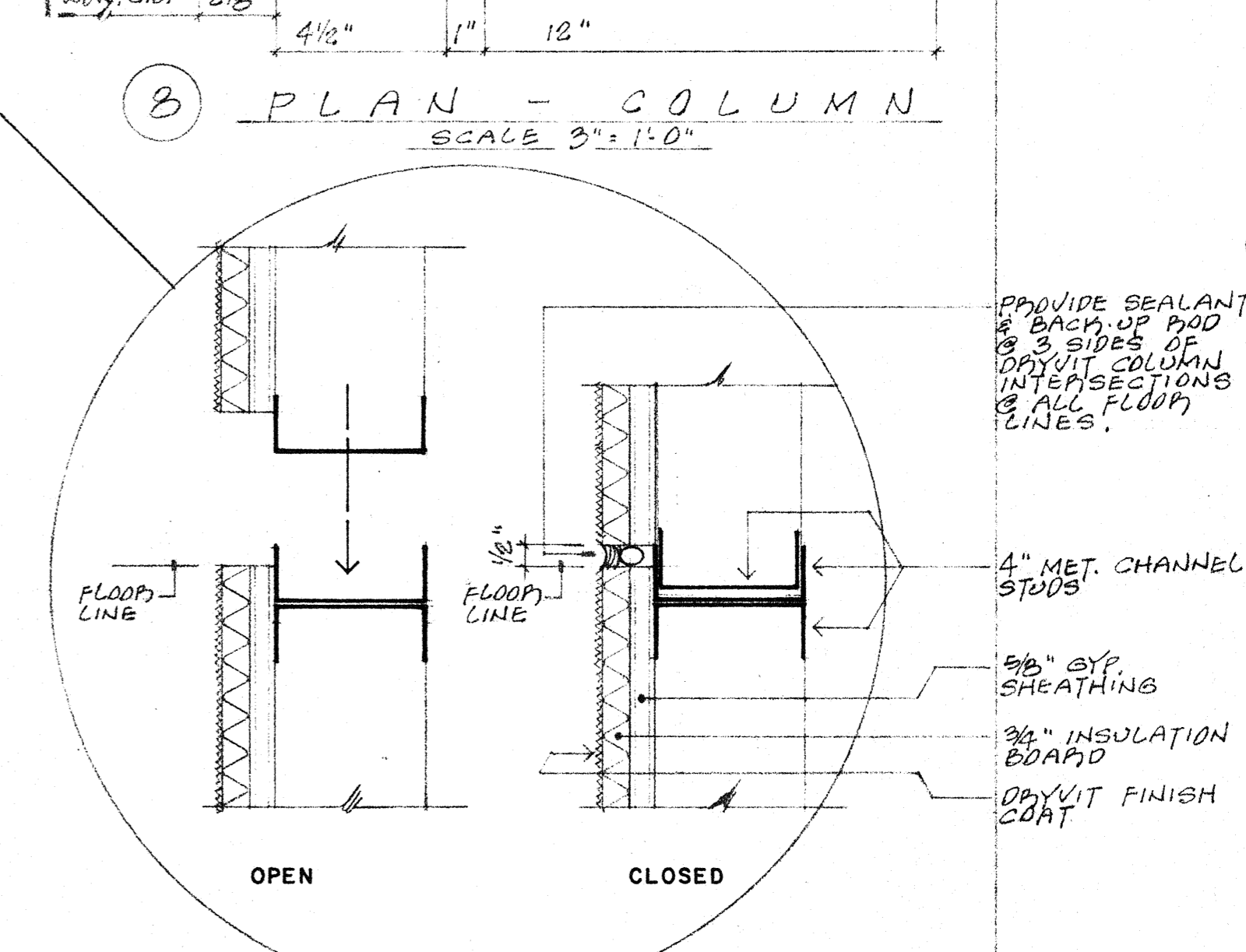
6 SLAB - COLUMN DET.  
SCALE 1/2" = 1'-0"



7 PLAN - COLUMN  
SCALE 3" = 1'-0"



8 PLAN - COLUMN  
SCALE 3" = 1'-0"



PRE-FAB COLUMN HORIZONTAL JOINT CONNECTION

Lawrence Cook, Architect retains all rights and ownership to these drawings and shall be held responsible for their unauthorized use in whole or in part, on any other project, without the written consent of Lawrence Cook, Architect. The date of this agreement shall be the date of the last revision to these drawings.

DATE 15 OCTOBER 1981

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

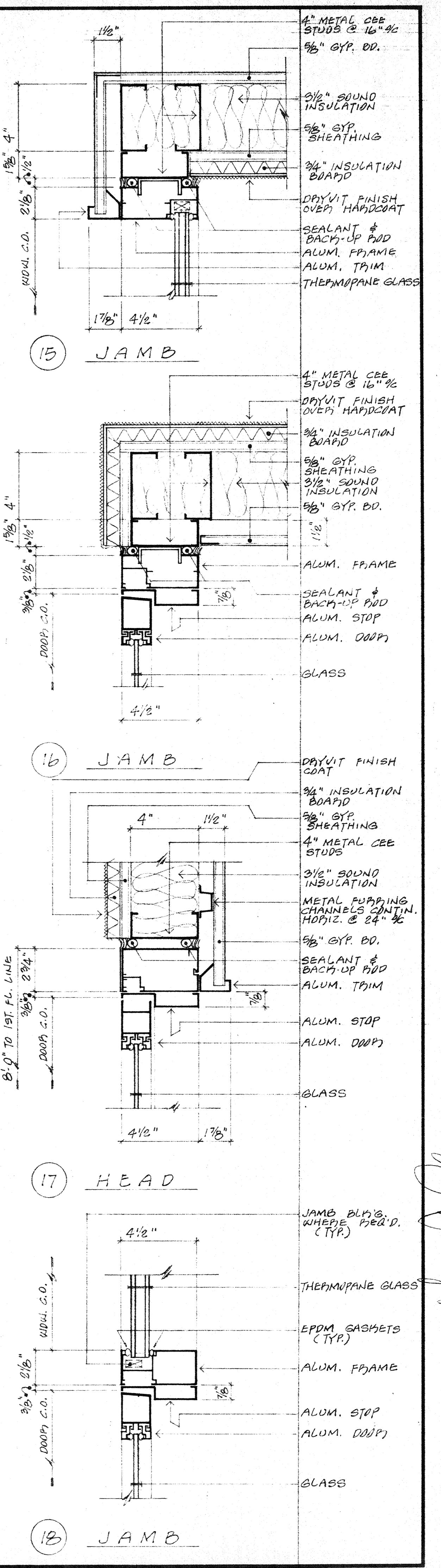
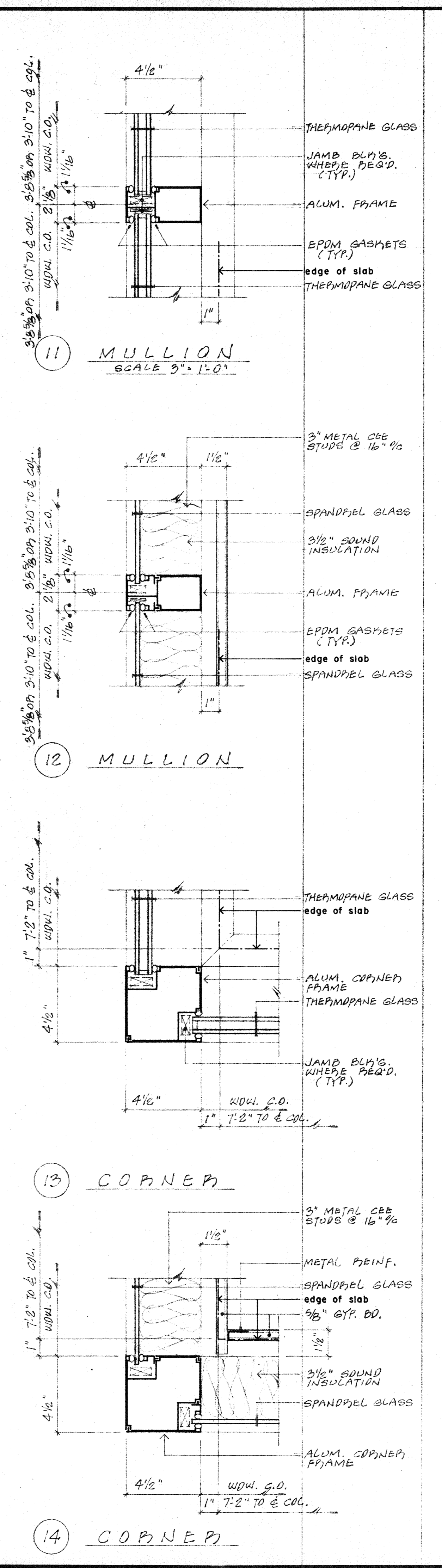
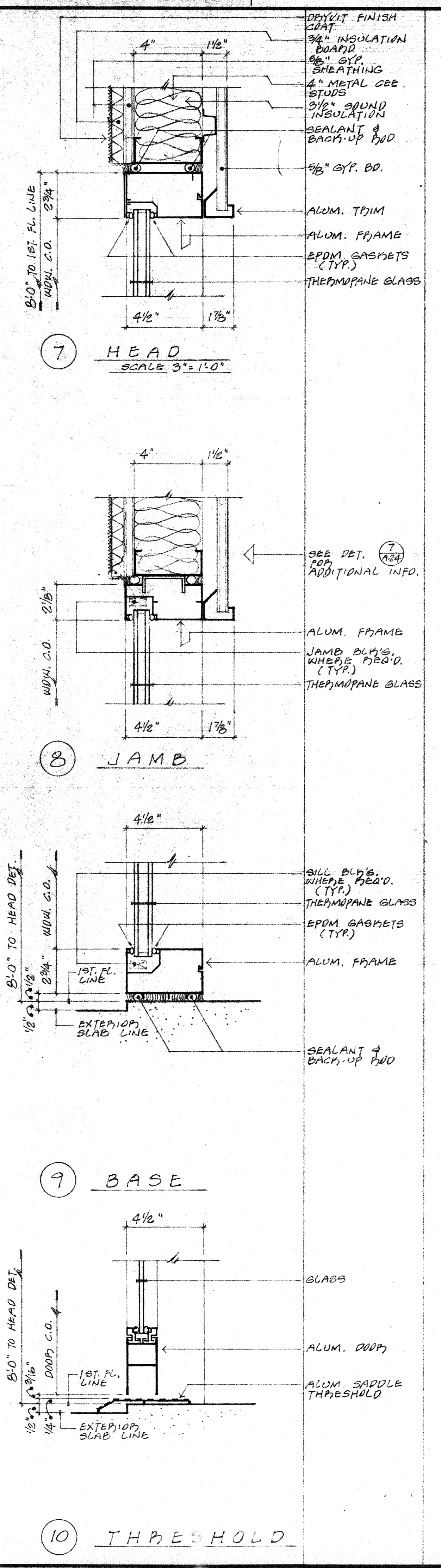
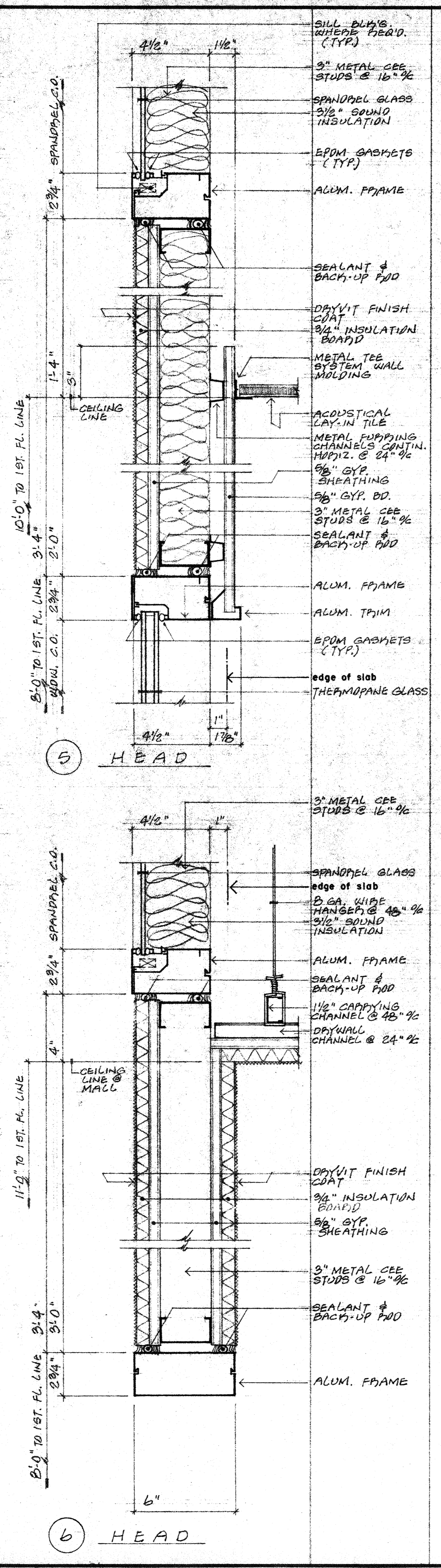
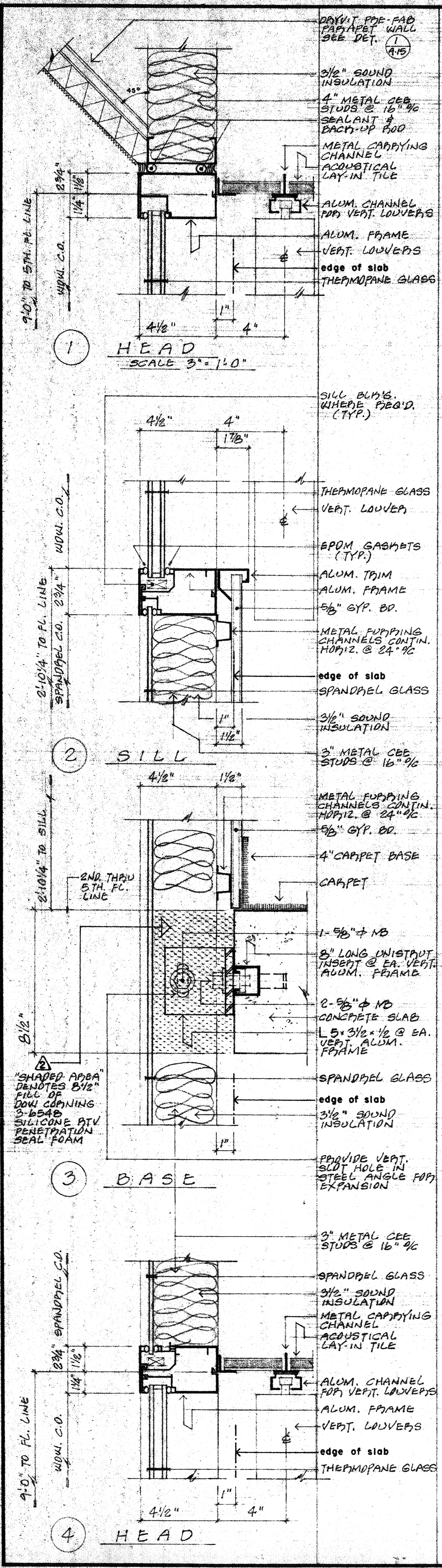
**SCHMITZ DEVELOPMENT INC.**  
COMMUNITY DEVELOPERS  
STOCKTON, CALIFORNIA 95207

Lawrence Cook  
Architect AIA  
20091 Old Santa Cruz Highway  
Los Gatos California 95030  
408 353-1500

**100**

A-23

PAGE 28 OF 96 PAGES



DATE 15 OCTOBER 1981  
 15 OCTOBER 1981  
 25 JAN. 1982

**LAWRENCE COOK ARCHITECTS**  
 STOCKTON OFFICE  
 20091 Old Santa Cruz Highway  
 Los Gatos, California 95030  
 408 353-1500

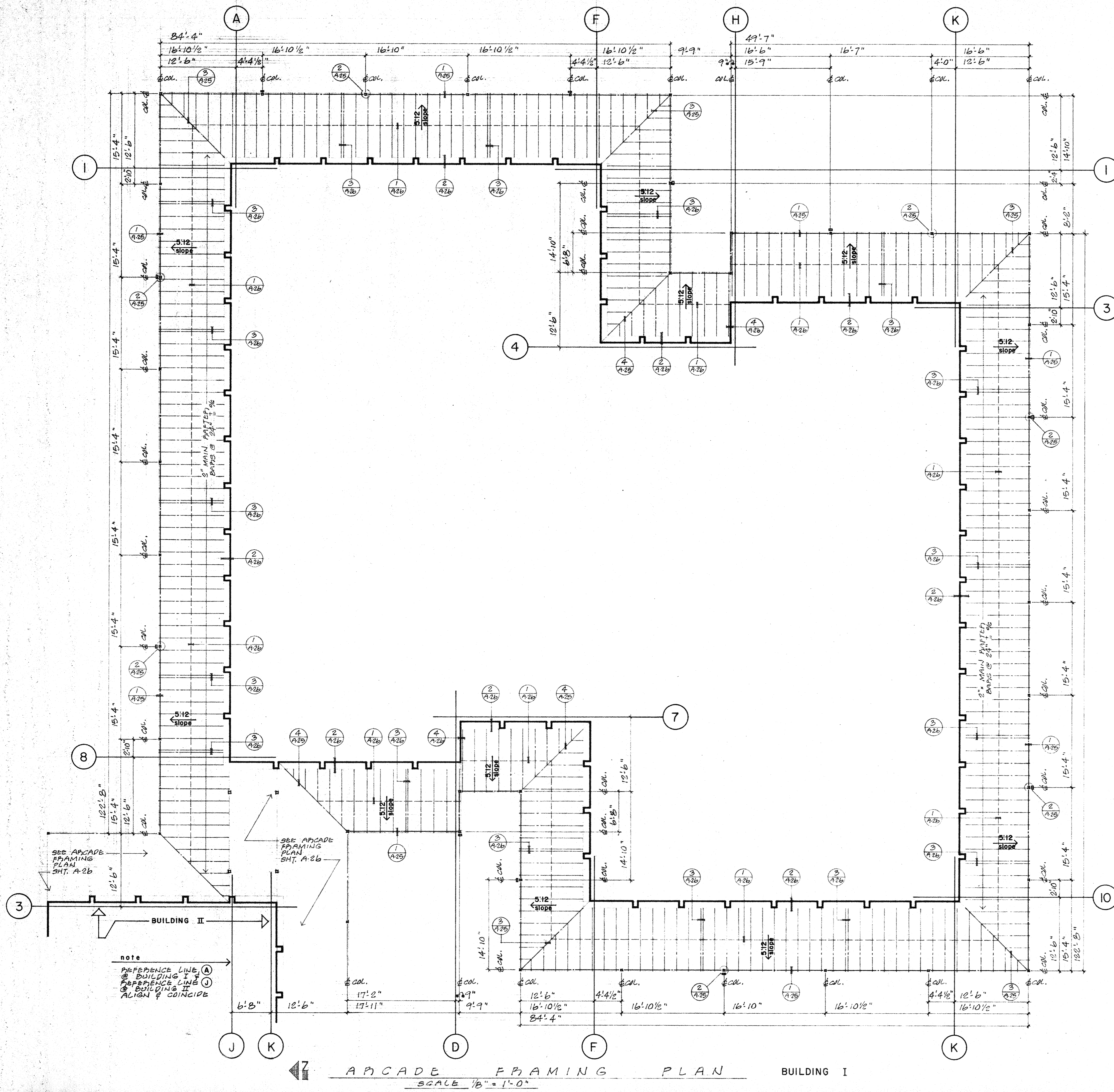
**SCHMITZ DEVELOPMENT INC.**  
 COMMUNITY DEVELOPMENT  
 STOCKTON OFFICE  
 20091 Old Santa Cruz Highway  
 Los Gatos, California 95030  
 408 353-1500

**LAWRENCE COOK ARCHITECT**  
 AIA  
 20091 Old Santa Cruz Highway  
 Los Gatos, California 95030  
 408 353-1500

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

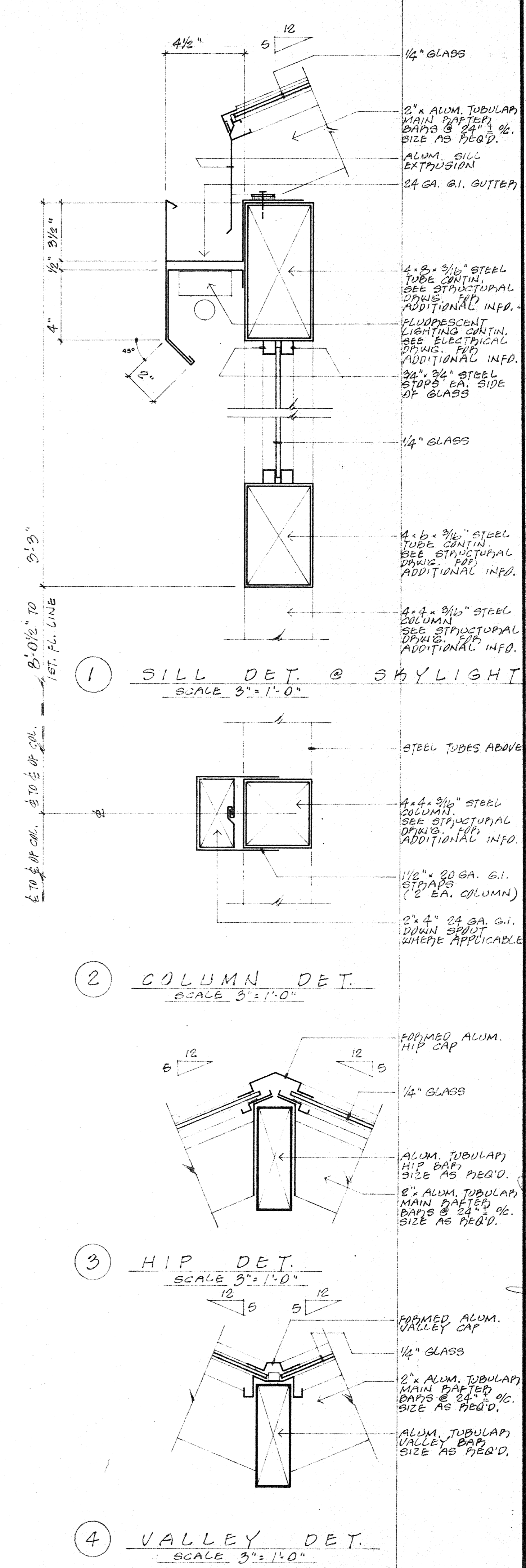
A-24

PRINTED ON RECYCLED PAPER



note  
 REFERENCE LINE (A)  
 @ BUILDING I &  
 REFERENCE LINE (J)  
 @ BUILDING II  
 ALIGN & COINCIDE

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



1 SILL DET. @ SKYLIGHT  
 SCALE 3/8" = 1'-0"

2 COLUMN DET.  
 SCALE 3/8" = 1'-0"

3 HIP DET.  
 SCALE 3/8" = 1'-0"

4 VALLEY DET.  
 SCALE 3/8" = 1'-0"

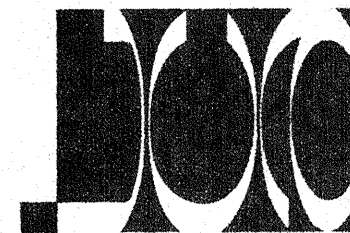
Lawrence Cook, Architect, retains all rights and ownership to these drawings and associated information, in whole or in part, on any other drawings or documents prepared by or for the architect, in which they were specifically prepared.

DATE 15 OCTOBER 1981

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

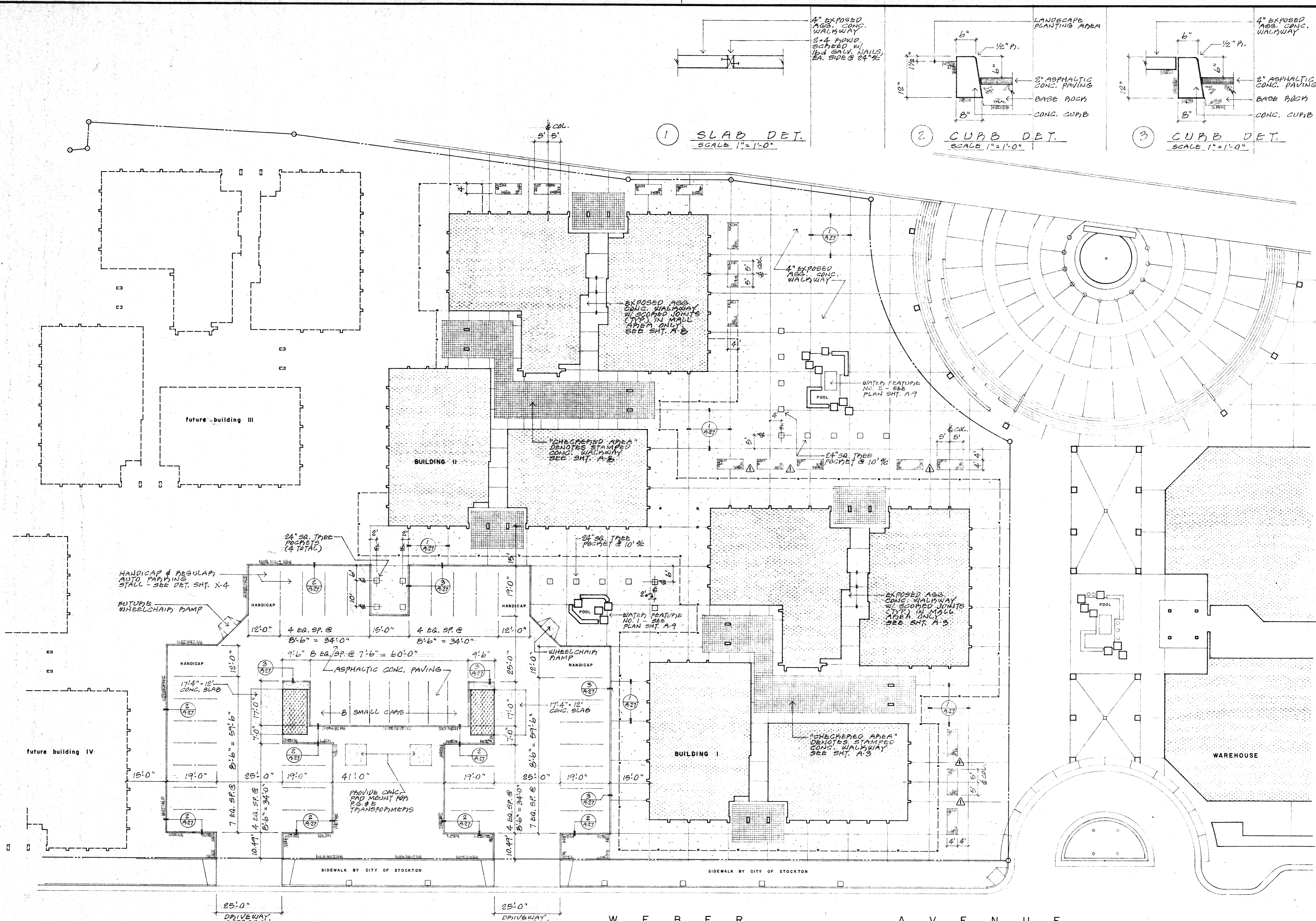
**SCHMITZ**  
 DEVELOPMENT INC.  
 COMMUNITY DEVELOPERS  
 STOCKTON, CALIFORNIA

Lawrence Cook  
 Architect AIA  
 408 353-1500  
 20091 Old Santa Cruz Highway  
 Los Gatos California 95030



A-25





1 SLAB DET.  
SCALE 1" = 1'-0"

2 CURB DET.  
SCALE 1" = 1'-0"

3 CURB DET.  
SCALE 1" = 1'-0"

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

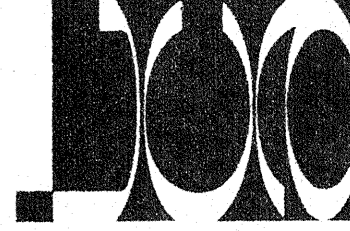
Lawrence Cook, Architect, retains all rights and ownership in these documents and disclaims responsibility for any errors or omissions in whole or in part, or any other site than the one for which they were specifically prepared.

DATE 15 OCTOBER 1981  
REVISED 7 JAN. 1982

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

**SCHMITZ**  
COMMUNITY DEVELOPMENT AND ARCHITECTURE  
STOCKTON, CALIFORNIA 95207

Lawrence Cook  
Architect  
AIA  
408 353-1500  
20091 Old Santa Cruz Highway  
Los Gatos, California 95030



A-27



# GENERAL STRUCTURAL NOTES

- 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.
- 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 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.
- 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.
- 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.
- 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.
- 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 DAMP-PROOFING.
- BRACING: DO ALL TEMPORARY BRACING AS REQUIRED TO HOLD THE VARIOUS ELEMENTS IN PLACE UNTIL FINAL SUPPORT IS SECURELY ANCHORED.
- 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

- FOUNDATION DESIGN IS BASED ON RECOMMENDATIONS BY J.H. KLEINFELDER AND ASSOCIATES DATED FEBRUARY 28, 1980 AND ADDENDUMS DATED AUGUST 19, 1980 AND SEPTEMBER 3, 1980.
- 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 + LL.  
6000 PSF FOR DL + LL + EQ.  
THE WEIGHT OF THE FOOTINGS MAY BE NEGLECTED.
- DRIVEN CONCRETE PILES ARE DESIGNED FOR A FRICTION VALUE OF 1500 PSF FOR DL + LL FOR PILES EMBEDDED 40 TO 50 FEET. THE LOAD IS INCREASED 33% FOR DL + LL + EQ. UPWARD CAPACITY IS 3/4 THE DOWNWARD CAPACITY. LOCATE PILES AT 5/2 DIAMETER SPACING WITH A GROUP REDUCTION FACTOR OF 0.9.
- RETAINING WALLS ARE DESIGNED USING AN EQUIVALENT FLUID PRESSURE OF 55 PCF.
- LATERAL RESISTANCE IS PROVIDED BY A PASSIVE PRESSURE OF 400 PCF AND A FRICTION FACTOR OF 0.40.
- SEE THE SOILS REPORT FOR ADDITIONAL INFORMATION INCLUDING SUB-GRADE, DRAINAGE AND BACKFILL REQUIREMENTS.

## LOADS

	DEAD LOAD	LIVE LOAD
ROOF	105	20
TYP FLOORS	131	50
FIRST FLOOR	162	75
CORRIDORS		100

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

# CONCRETE NOTES

## GENERAL

- DEBRIS: REMOVE ALL DEBRIS FROM THE FORMS BEFORE POURING.
- 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.
- 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.
- 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.
- 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. SPLICER 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.
- 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.
- PIPES: PIPES OTHER THAN ELECTRICAL CONDUITS SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY APPROVED BY THE ENGINEER.
- WELDED WIRE FABRIC: WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-82 AND A-185.

## SPECIFIC

- 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.
- 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.
- 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

- 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 BE 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.
- 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.
- 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.
- GROUT: FOR PUMPING 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.
- 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.
- 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.
- CEMENT: SHALL BE PORTLAND CEMENT CONFORMING TO ASTM C-150, TYPE I OR TYPE II, AND SHALL BE ENTIRELY OF ONE MANUFACTURE.
- WATER: WATER USED FOR MORTAR AND GROUT SHALL BE CLEAN AND FREE FROM DELETERIOUS AMOUNTS OF ACIDS, SALTS, ALKALI, AND ORGANIC MATERIALS.
- 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.
- QUICKLIME: QUICKLIME SHALL CONFORM TO ASTM C-5.
- 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.
- 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 UNITS ARE USED.
- LAYING: IN PLACING MORTAR IN HORIZONTAL JOINTS, COMPLETELY COVER THE FACE SHEETS 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.
- 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.
- REINFORCEMENT: REINFORCEMENT SHALL BE FULLY EMBEDDED IN GROUT. SEE STRUCTURAL NOTES & DETAILS FOR SIZE, GRADE, LAPS, ETC....
- 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.
- GROUTING: ALL WALLS SHALL HAVE ALL CELLS FILLED SOLID WITH GROUT.

## SPECIFIC

- SPECIAL MASONRY INSPECTION: IS REQUIRED.
- STRENGTH: ULTIMATE COMPRESSIVE STRENGTH, F'm, SHALL BE 2000 PSI
- MAXIMUM HEIGHT OF ANY GROUT POUR SHALL BE LESS THAN 4 FEET
- MASONRY REBAR LAP LENGTHS: REBAR LAPS FOR MASONRY ONLY SHALL BE:
  - #4 BARS 18"
  - #5 BARS 27"
- PRISM TESTS: SHALL BE REQUIRED.

# PRESTRESS NOTES

## GENERAL

- 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.
- DE-SHORING: SLAB OR BEAMS MAY BE DE-SHORED WHEN ALL TENDONS HAVE BEEN STRESSED, UNLESS SHORING IS REQUIRED TO CARRY FLOORS ABOVE.
- PT HARDWARE QUALITY: ALL ANCHORAGES, COUPLERS AND MISCELLANEOUS HARDWARE SHALL BE STANDARD AND APPROVED BY GOVERNING AGENCIES AND ENGINEER.
- ANCHOR BARS: PLACE TWO #4 BARS BEHIND ALL ANCHORAGES. #4 TO BE CONT., U.O.N.
- 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.
- 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.
- CONTINUOUS INSPECTION: IS REQUIRED FOR ALL PRESTRESS WORK.
- PT INSPECTION: TENDON PLACEMENT AND INTEGRITY OF PROTECTIVE WRAPPING SHALL BE INSPECTED BY THE ENGINEER OR HIS REPRESENTATIVE PRIOR TO PLACING CONCRETE.
- 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:

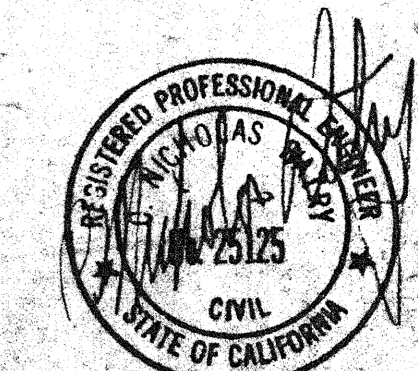
SEVEN WIRE STRAND ASTM DESIGNATION	A416
1/2" DIAMETER TENDON AREA	0.153 SQ. IN.
ULTIMATE STRENGTH	270 KSI
TEMP. STRESS TO OVERCOME FRICTION	216 KSI
ANCHORING STRESS	189 KSI
EFFECTIVE DESIGN STRESS	162 KSI
- SHOP DRAWINGS: SUPPLIER SHALL SUBMIT SHOP DRAWINGS PER SPECIFICATIONS.
- CONTRACTOR SUBMISSIONS: 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.
- TWISTING: OR ENTWINING OF INDIVIDUAL WIRES OR STRANDS WITHIN A BUNDLE OR A BEAM SHALL NOT BE PERMITTED.
- ELONGATIONS: FIELD READINGS OF ELONGATIONS AND/OR STRESSING FORCES SHALL NOT VARY BY MORE THAN 5% FROM CALCULATED REQUIRED VALUES.
- TENDON ENDS: DO NOT BURN OFF TENDON ENDS UNTIL THE ENTIRE SLAB HAS BEEN SATISFACTORILY STRESSED.
- 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.
- 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.
- CHLORIDES: GROUT OR CONCRETE CONTAINING CHLORIDES SHALL NOT BE USED.
- 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.
- CONCRETE CONSOLIDATION: CONTRACTOR SHALL TAKE PRECAUTIONS TO ASSURE COMPLETE CONSOLIDATION AND DENSIFICATION OF CONCRETE BEHIND ALL POST-TENSIONING ANCHORAGES.
- ANCHOR PAINTING: THE STRESSING END ANCHORS AND WEDGES SHALL BE SPRAY PAINTED WITH RUST OLEUM OR SIMILAR BEFORE THE RECESS IS GROUTED.
- CHAIRS: TIE ALL CHAIRS TO REINFORCING WITH WIRE

## SPECIFIC

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

**WATRY  
ENGINEERING  
INCORPORATED**

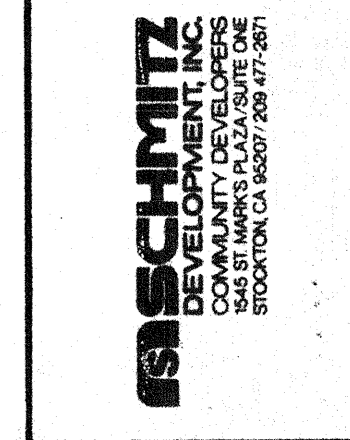
1201 Howard Ave., Suite 202,  
Burlingame, California 94010 • 415-348-7117



Lawrence Cook, Architect, retains all rights and ownership to these documents and drawings in whole or in part on any other drawings or specifications prepared by him or his firm.

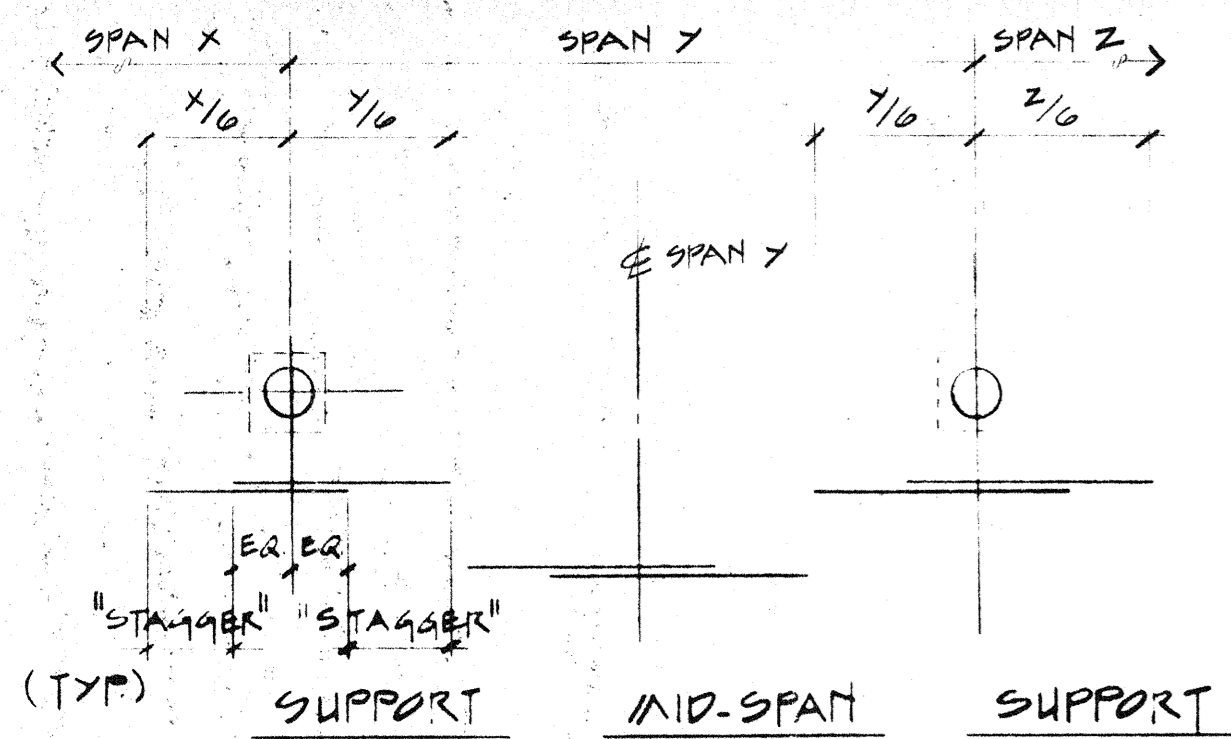
DATE: 15 OCTOBER 1981  
 REVISED: JAN 7 / 82

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



Lawrence Cook  
 Architect AIA  
 408 353-1500  
 20091 Old Santa Cruz Highway  
 Los Gatos California 95030

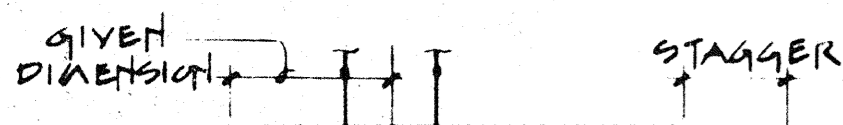




CONT & SIMPLE SPAN



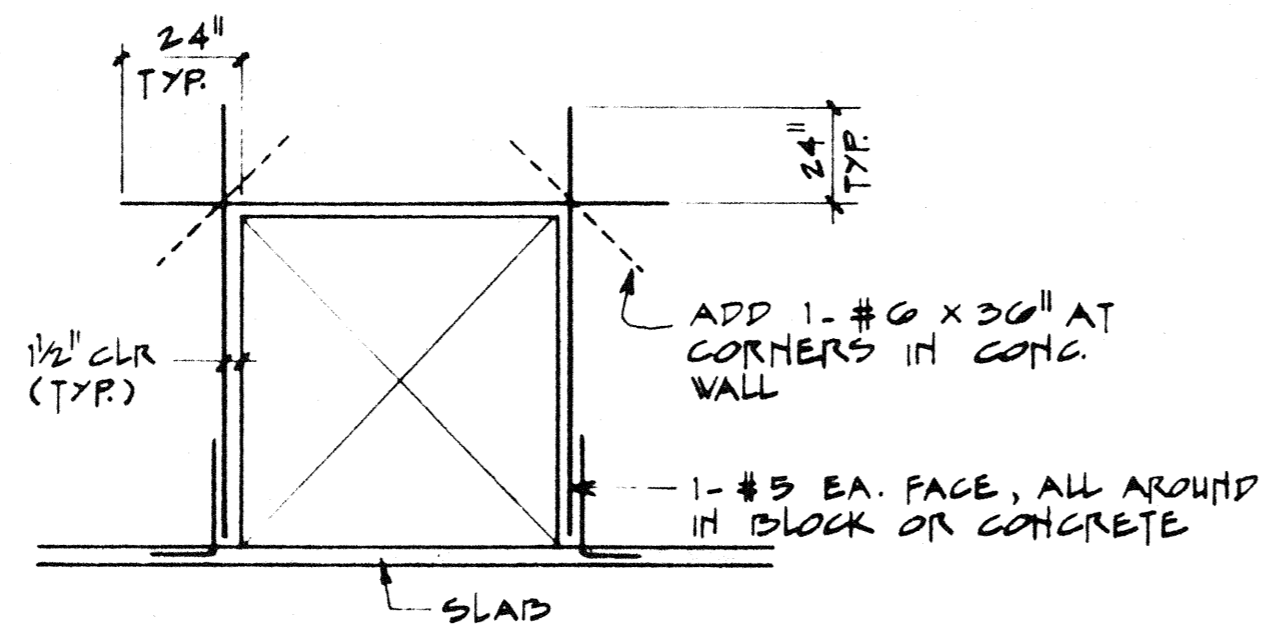
CANTILEVER



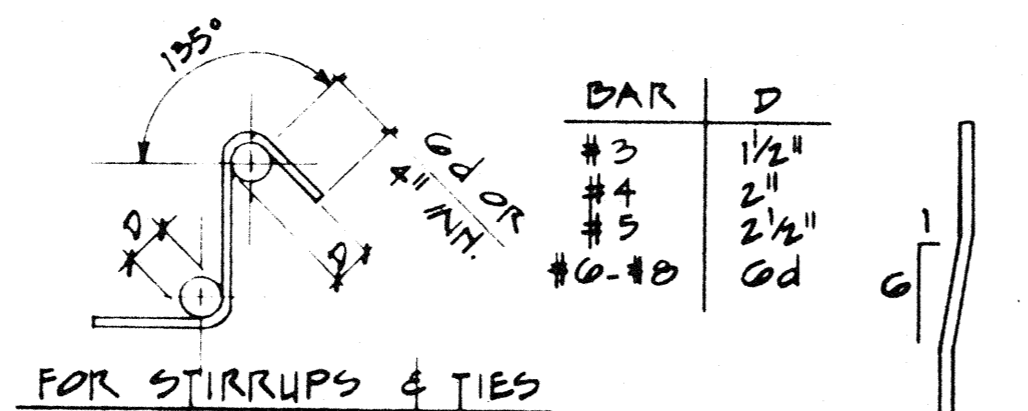
BEAM STRIP

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

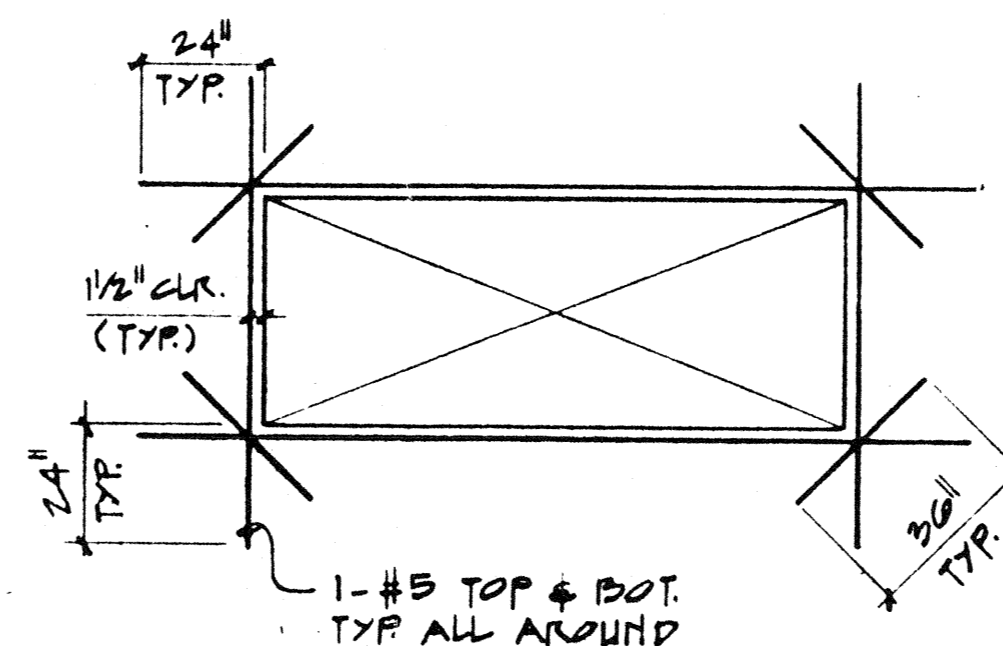
1 STANDARD STAGGER GENERAL DETAIL NO SCALE



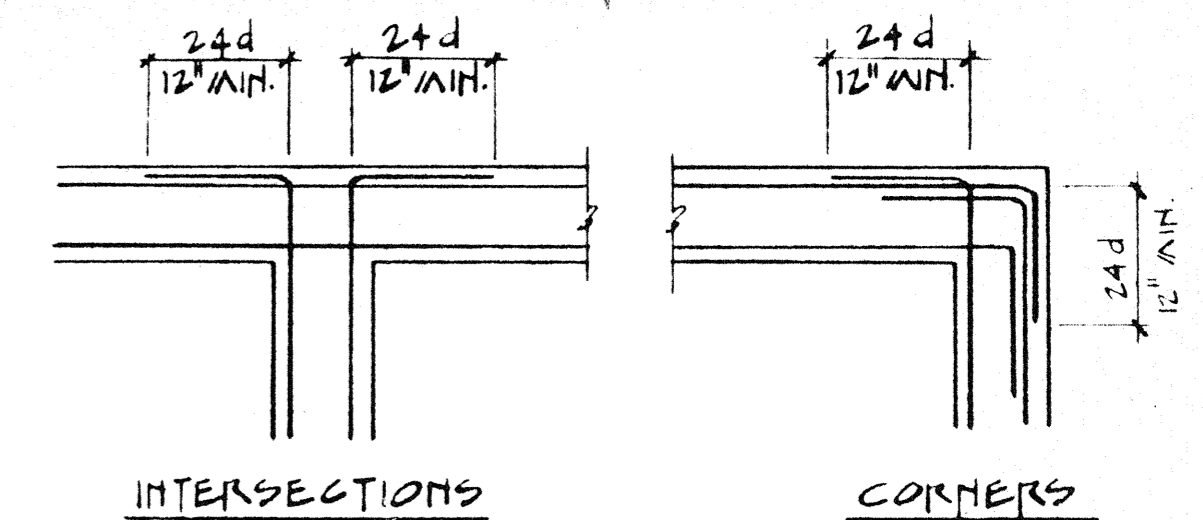
2 OPENING IN WALL GENERAL DETAIL NO SCALE



5 BAR BENDING GENERAL DETAIL NO SCALE

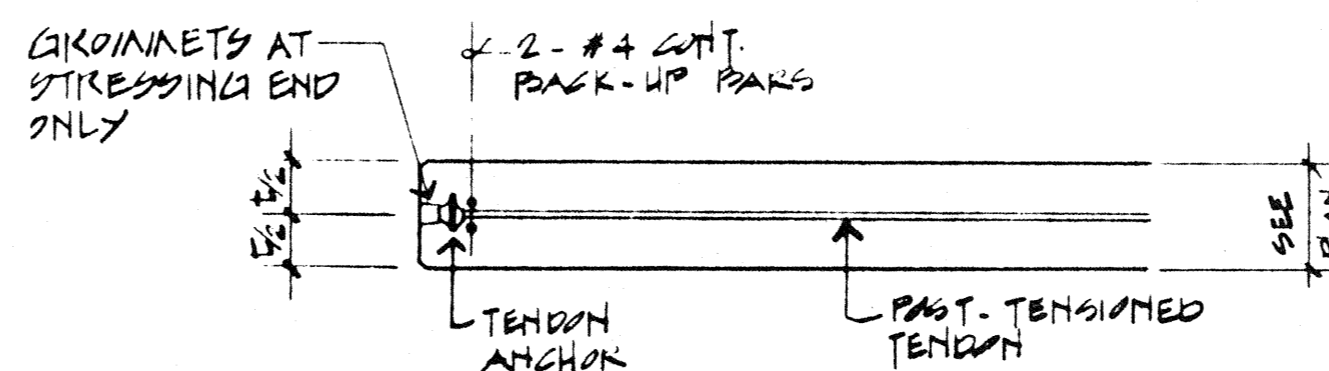


3 SLAB OPENING GENERAL DETAIL NO SCALE

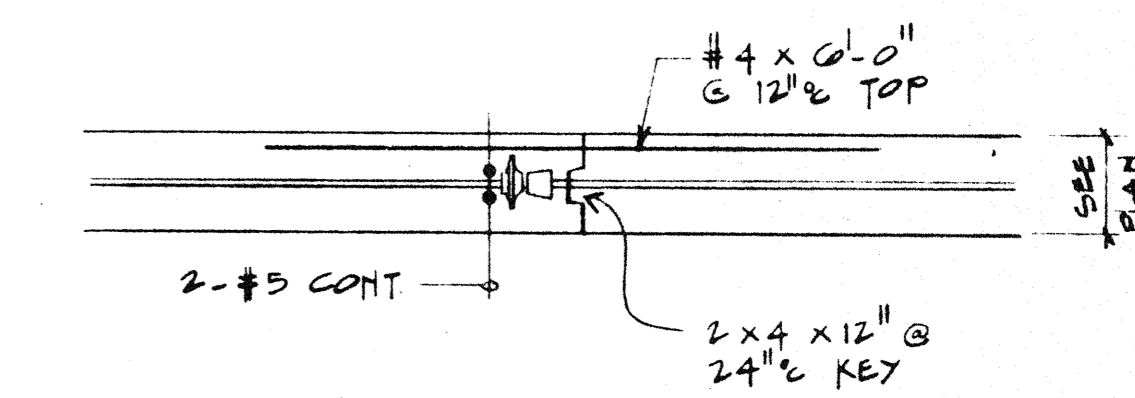


PLACE ALL BENDS HORIZ. FOR SINGLE CURTAIN STEEL PROVIDE SIMILAR BENDS 3" CLEAR FACE OF CONCRETE d = BAR DIAMETER

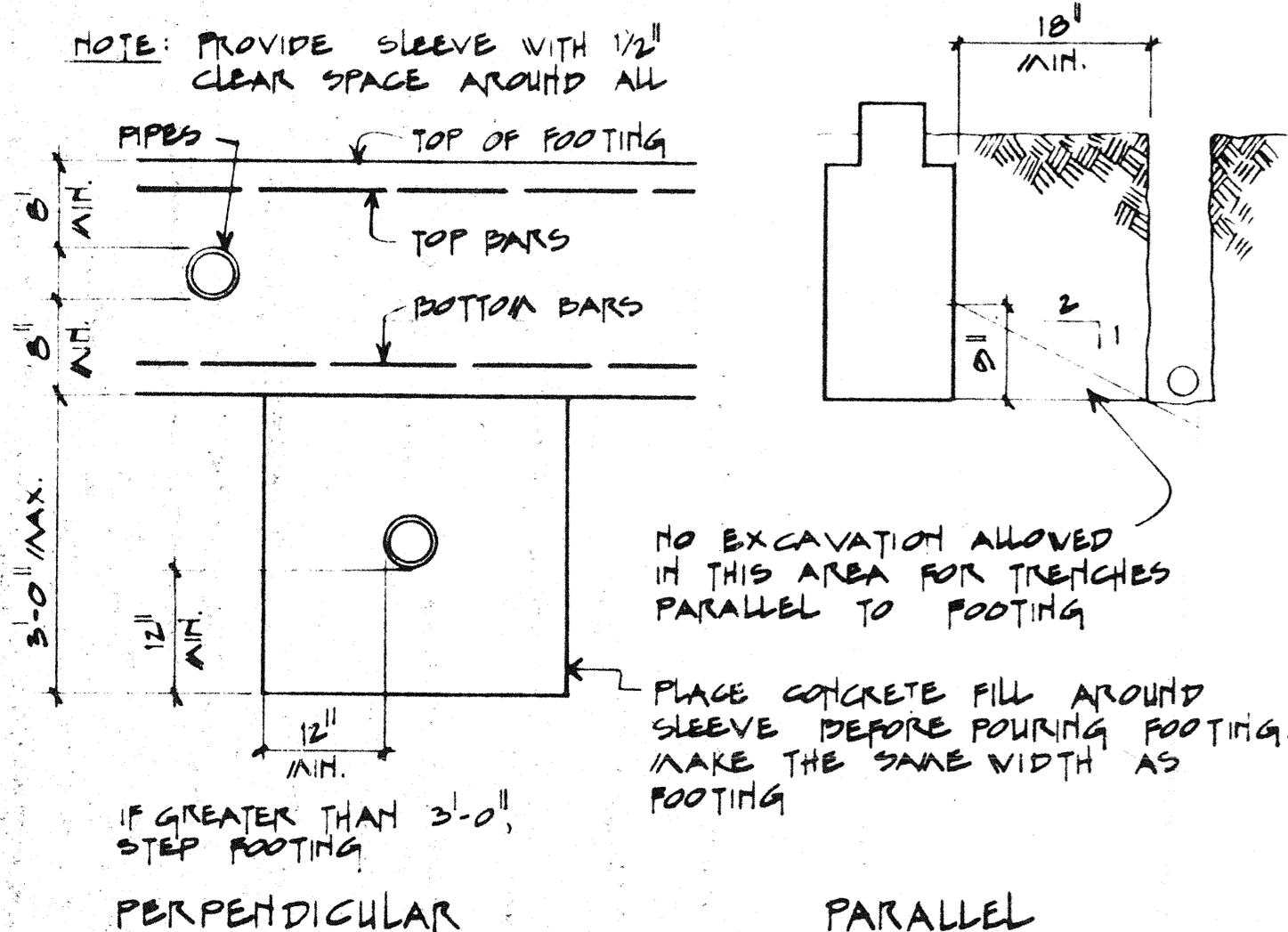
4 BENDING REINF. @ WALLS and FOOTINGS GENERAL DETAIL NO SCALE



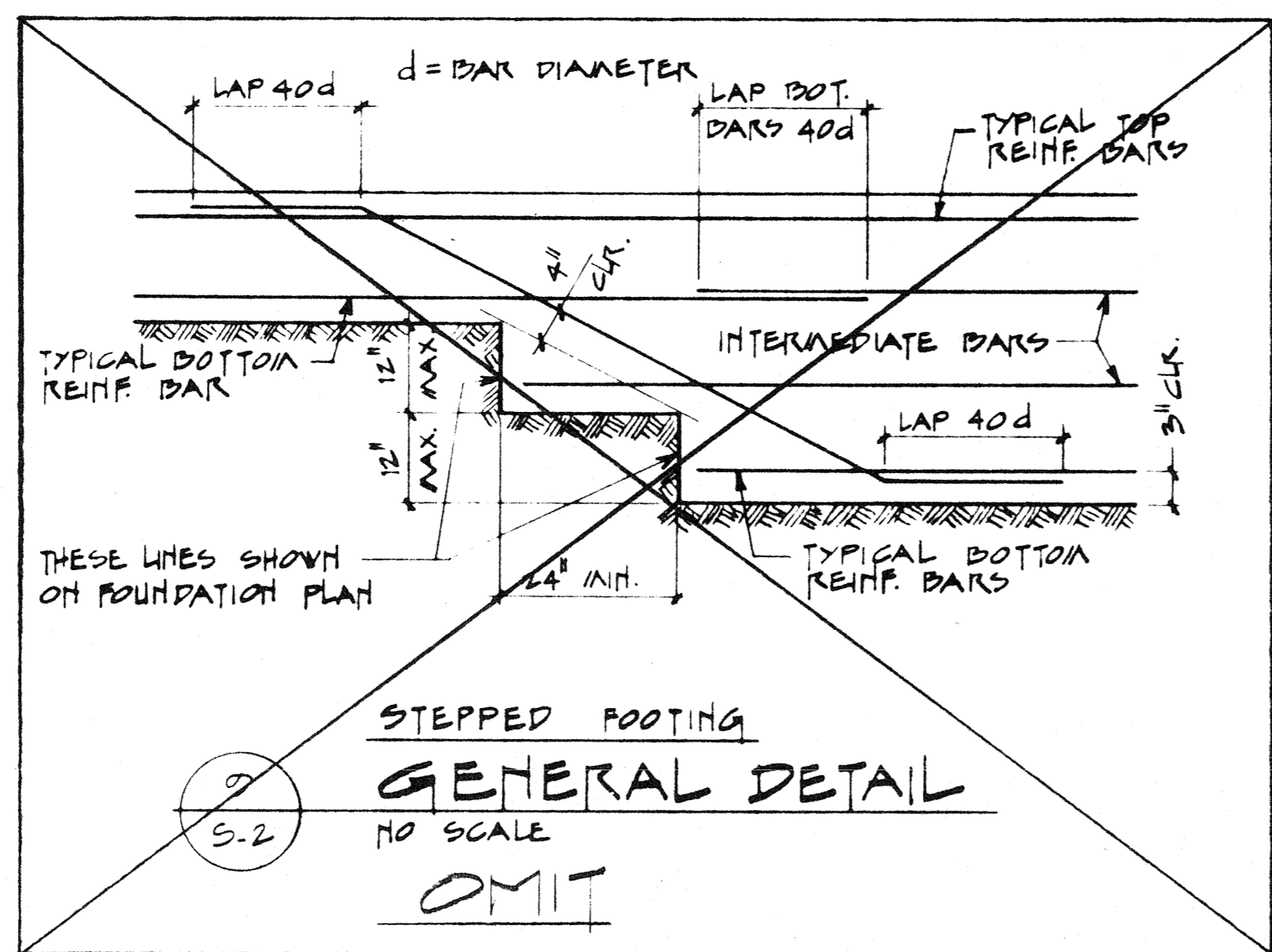
6 SLAB EDGE GENERAL DETAIL NO SCALE



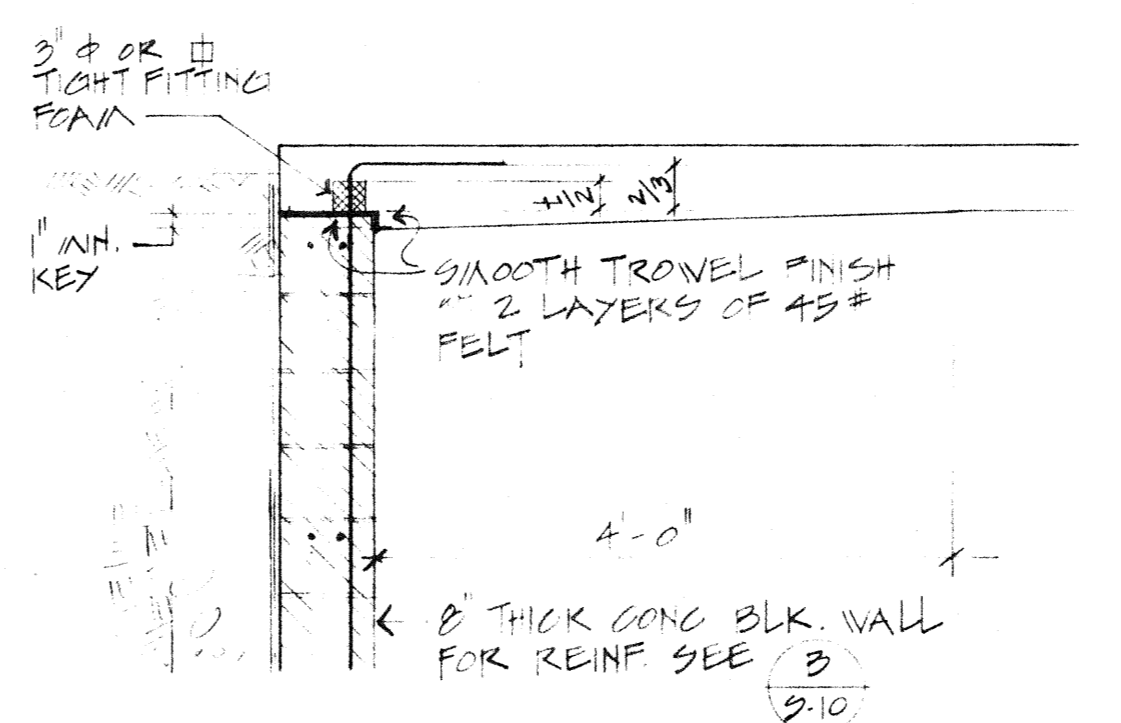
7 SLAB CONSTRUCTION JOINT GENERAL DETAIL NO SCALE



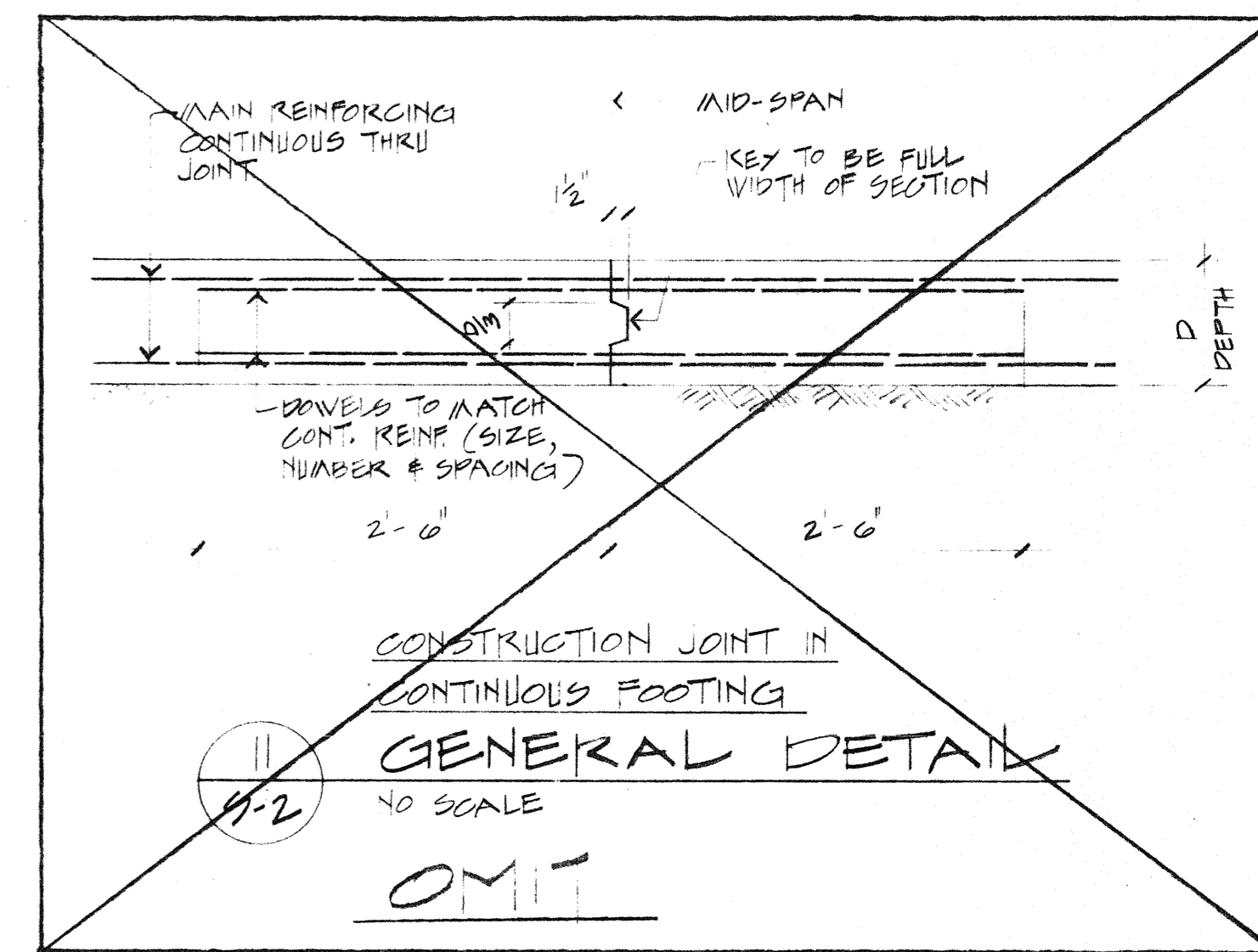
8 PIPE AND TRENCH CLEARANCE AT FOOTING GENERAL DETAIL NO SCALE



9 STEPPED FOOTING GENERAL DETAIL NO SCALE



10 RELEASE GENERAL DETAIL NO SCALE



11 CONSTRUCTION JOINT IN CONTINUOUS FOOTING GENERAL DETAIL NO SCALE

DATE 15 OCTOBER 1981  
REVISED 10/22/81  
DATE 1 JAN 1/82

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

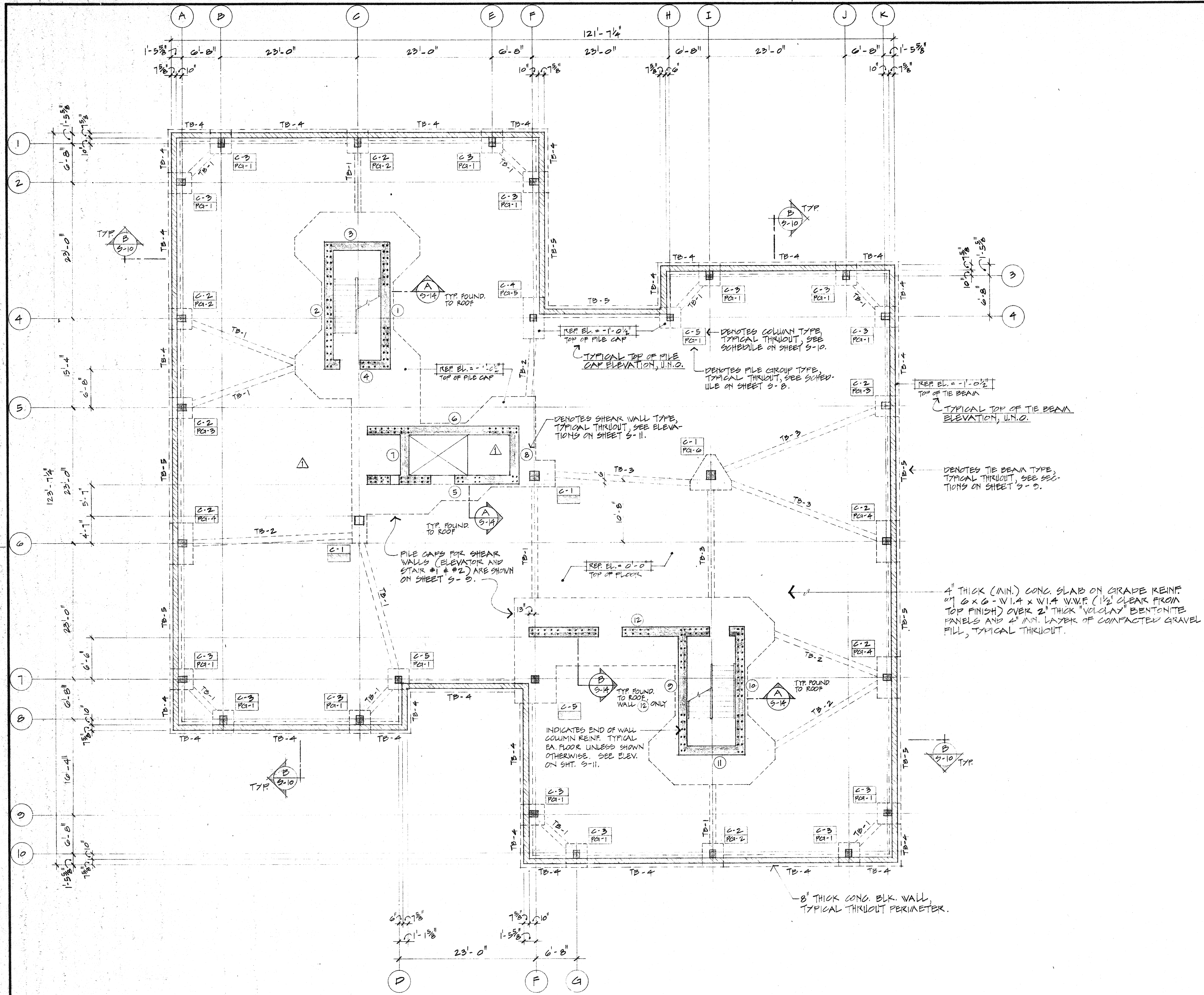
SCHMITZ DEVELOPMENT INC  
1000 N. G ST  
STOCKTON, CA 95207 209 477 3671

Lawrence Cook  
Architect  
AIA 408 353-1500  
20091 Old Santa Cruz Highway  
Los Gatos California 95030

BLDG. 2

S-2  
PAGE 34 OF 96 PAGES





NOTES:  
 1. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DWGS.

Lawrence Cook, Architect, retains all rights in and to the design and construction documents for this project, including the right to use the design and construction documents in whole or in part, on any other project, without the consent of the client. This agreement shall survive the termination or expiration of any other agreement between the parties.

DATE: 15 OCTOBER 1981  
 DESIGNED: [Signature]  
 CHECKED: [Signature]  
 DATE: JAN. 1982

REGISTERED PROFESSIONAL ARCHITECT  
 LAWRENCE COOK  
 No. 25125  
 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

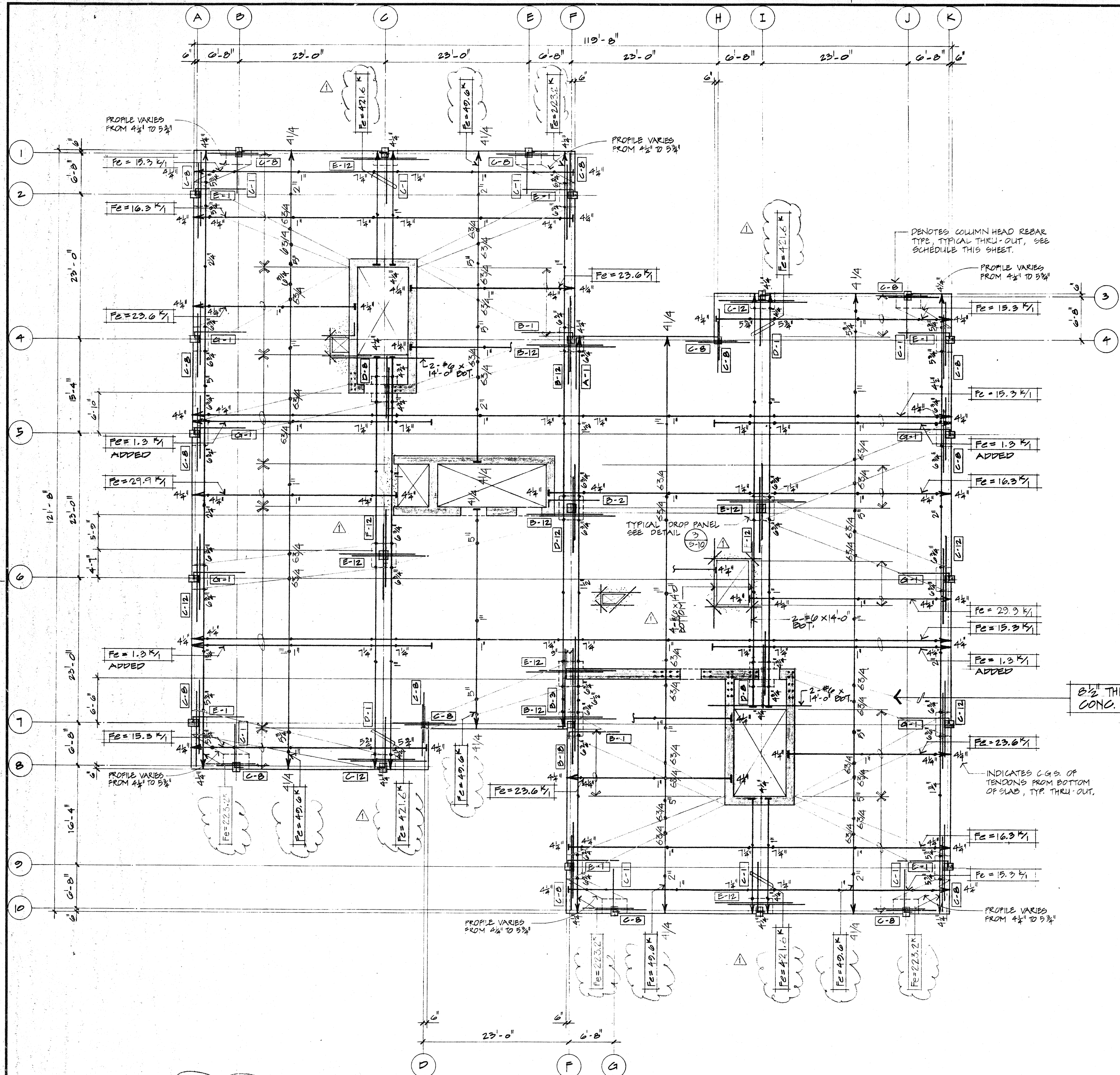
Lawrence Cook  
 Architect  
 AIA  
 408 353-1500  
 20091 Old Santa Cruz Highway  
 Los Gatos, California 95030

**LD**  
 BLDG. 2

S-3  
 PAGE 35 OF 76 PAGES

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





- 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 REBARS, UNLESS NOTED OR SHOWN OTHERWISE ON DWGS. SEE DETAIL (S-2).
  3. LAY TEMPERATURE TENDONS APPROXIMATELY AT MID-SPAN & MID-DEPTH OF CONCRETE SLAB.
  4. MINIMUM TEMPERATURE/SUPPORT REBAR IS #3 @ 20" O.C.
  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  
 REVISION: 1 JAN 7 1982  
 2 FEB 24 1982  
 JAN 7 1982

PROFESSIONAL ENGINEER  
 LAWRENCE COOK  
 CIVIL  
 STATE OF CALIFORNIA

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

**SCHMITZ**  
 DEVELOPMENT, INC.  
 COMMUNITY DEVELOPERS  
 STOCKTON, CALIFORNIA 95209

6 1/2" THICK POST-TENSIONED CONG. SLAB (TYP. THRUOUT)

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

**COLUMN HEAD REBAR SCHEDULE**

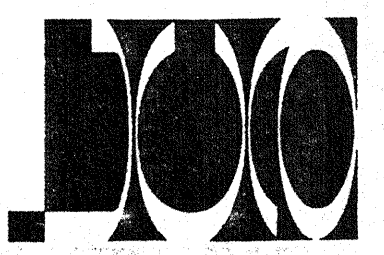
TYPE	NUMBER OF REBARS	SIZE	LENGTH	LOCATION		REMARKS
				NORTH / SOUTH DIRECTION	EAST / WEST DIRECTION	
A	2	#6	SEE PLAN	TOP (UPPER)	TOP (LOWER)	
B	3					
C	4					
D	5					
E	6					
F	7					
G	8					

- NOTES:**
1. FOR STANDARD REBAR STAGGER, SEE DETAIL (S-2).
  2. SEE DETAILS (S-15) 1 & 2.

\* 1 = 8'-0", 2 = 9'-0"  
 # 3 = 15'-0"

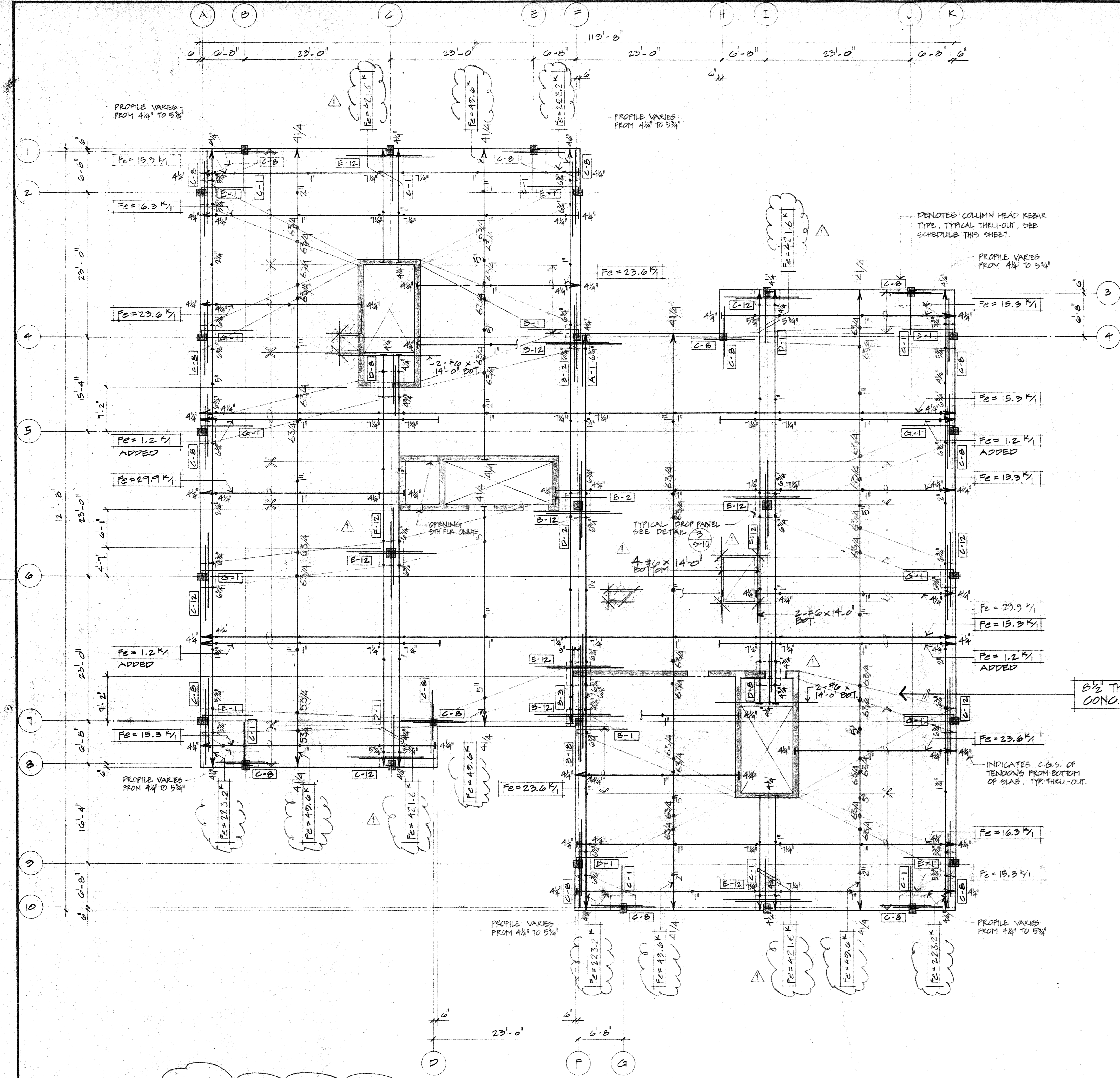
**BUILDING II - SECOND AND THIRD**  
**TYPICAL FLOOR FRAMING PLAN**  
 SCALE: 1/8" = 1'-0"

**Lawrence Cook**  
 Architect  
 AIA 408 353-1500  
 20091 Old Santa Cruz Highway  
 Los Gatos California 95030



**BLDG. 2**

S-5



- 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) (2).
  3. LAT TEMPERATURE TENDONS APPROXIMATELY AT MID-SPAN AND MID-DEPTH OF CONCRETE SLAB.
  4. MINIMUM TEMPERATURE/SUPPORT REBAR IS #9 @ 26" OC.
  5. MINIMIZE OR ELIMINATE HORIZONTAL CURVATURE WHENEVER POSSIBLE.
  6. VERIFY SIZE & LOCATION OF MECHANICAL OPENINGS IN SLAB ON MECHANICAL DRAWINGS.
  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 11/81  
 2 FEB 24/82  
 3  
 4  
 5  
 6  
 7  
 8  
 9  
 10  
 11  
 12  
 13  
 14  
 15  
 16  
 17  
 18  
 19  
 20  
 21  
 22  
 23  
 24  
 25  
 26  
 27  
 28  
 29  
 30  
 31  
 32  
 33  
 34  
 35  
 36  
 37  
 38  
 39  
 40  
 41  
 42  
 43  
 44  
 45  
 46  
 47  
 48  
 49  
 50  
 51  
 52  
 53  
 54  
 55  
 56  
 57  
 58  
 59  
 60  
 61  
 62  
 63  
 64  
 65  
 66  
 67  
 68  
 69  
 70  
 71  
 72  
 73  
 74  
 75  
 76  
 77  
 78  
 79  
 80  
 81  
 82  
 83  
 84  
 85  
 86  
 87  
 88  
 89  
 90  
 91  
 92  
 93  
 94  
 95  
 96  
 97  
 98  
 99  
 100

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

**SCHMITZ**  
 DEVELOPMENT INC.  
 CONSULTANTS  
 STOCKTON, CALIFORNIA

5/2" THICK POST-TENSIONED CONG. SLAB (TYP. THROUGH)

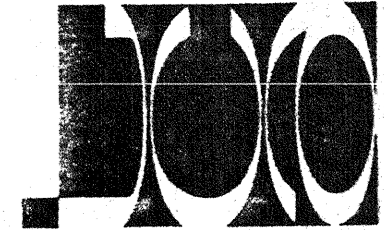
**COLUMN HEAD REBAR SCHEDULE**

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	1					
G	8					

- NOTES:**
1. FOR STANDARD REBAR STAGGER, SEE DETAIL (1) (5.2)
  2. SEE DETAILS (3) (1.5) & (2)
- \*  $\left\{ \begin{array}{l} 1 = 8'-0" \\ 2 = 9'-0" \\ 3 = 15'-0" \end{array} \right.$

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

Lawrence Cook  
 Architect  
 AIA  
 20091 Old Santa Cruz Highway  
 Los Gatos California 95030  
 408 353-1500



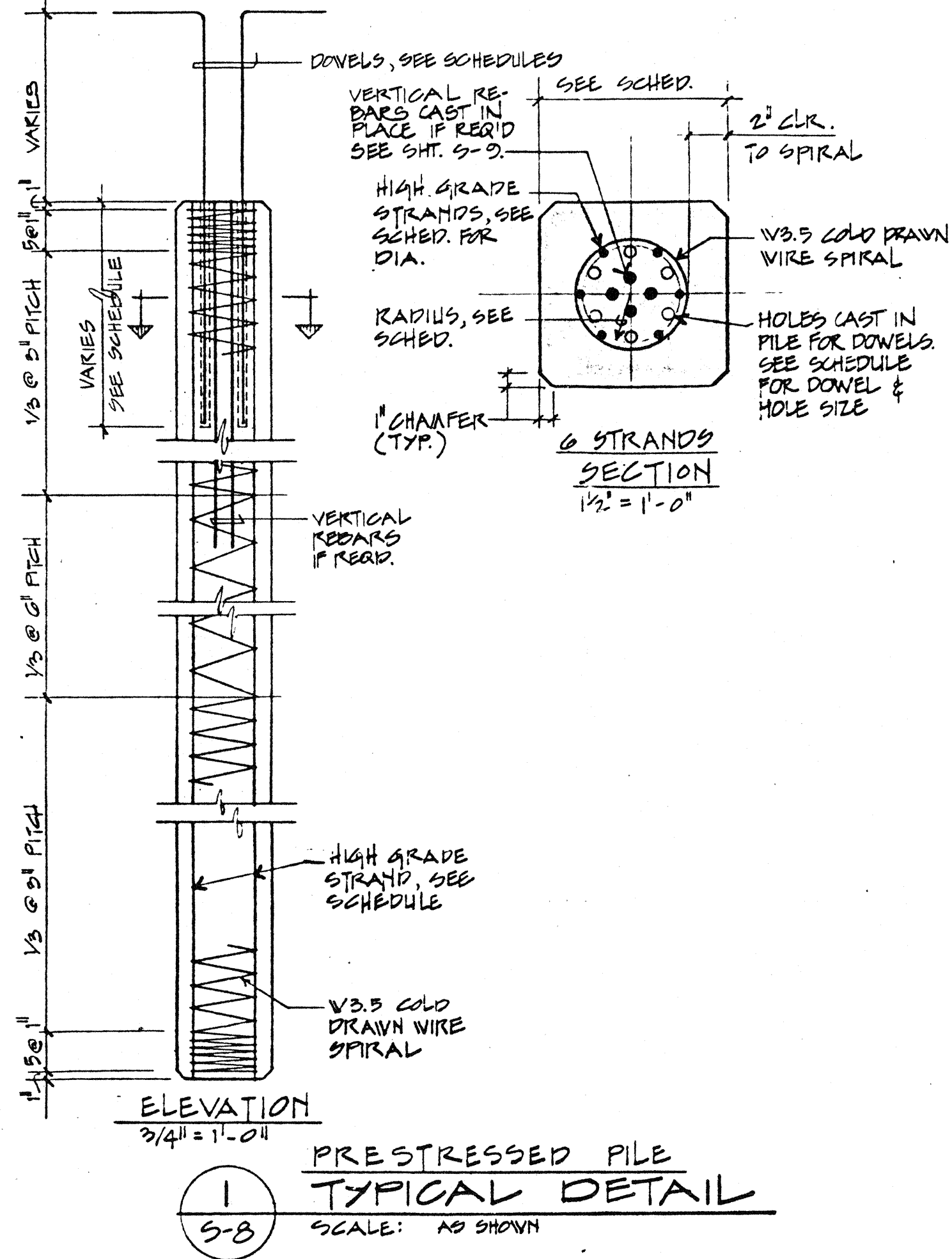
**BLDG. 2**



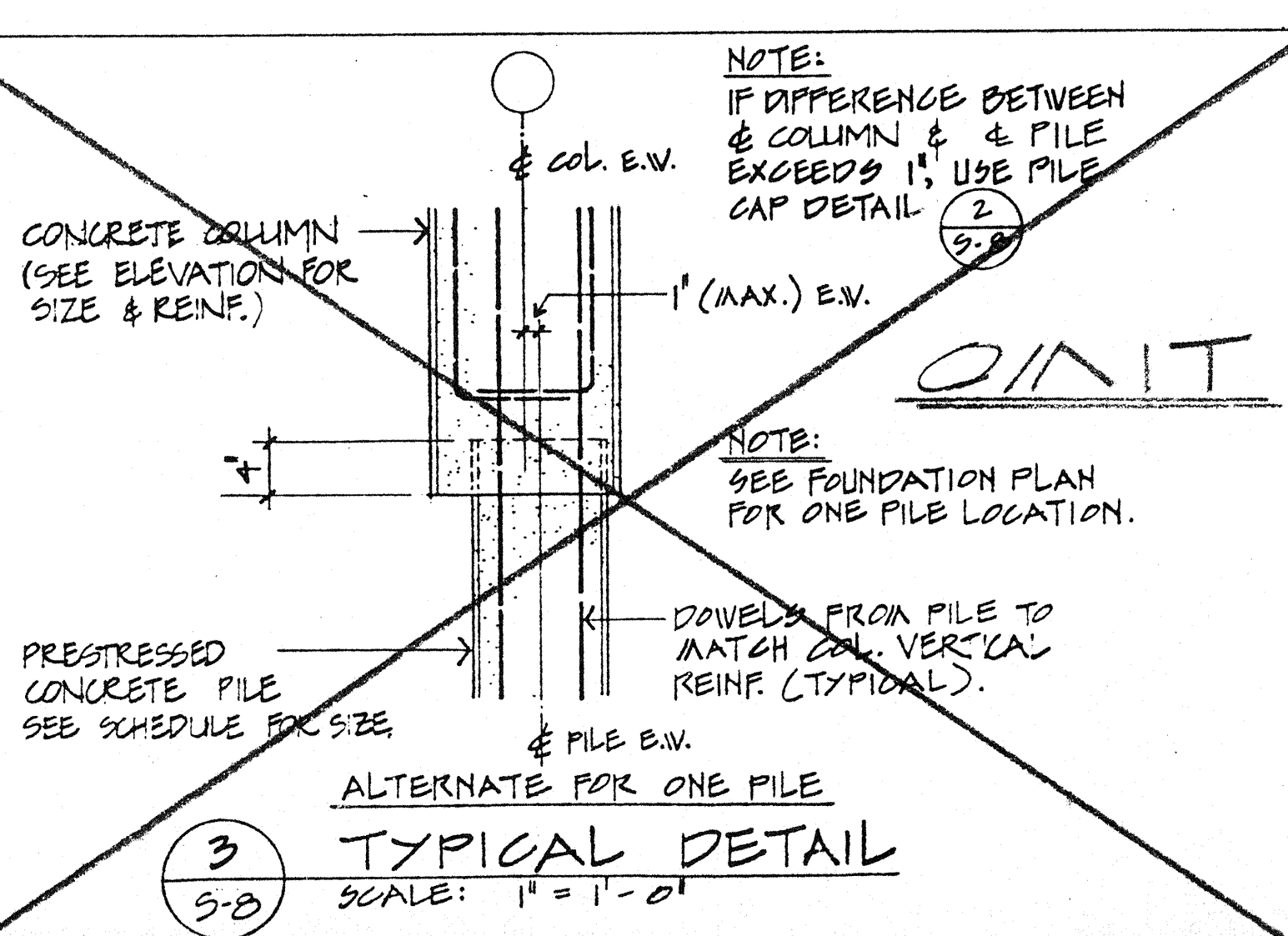
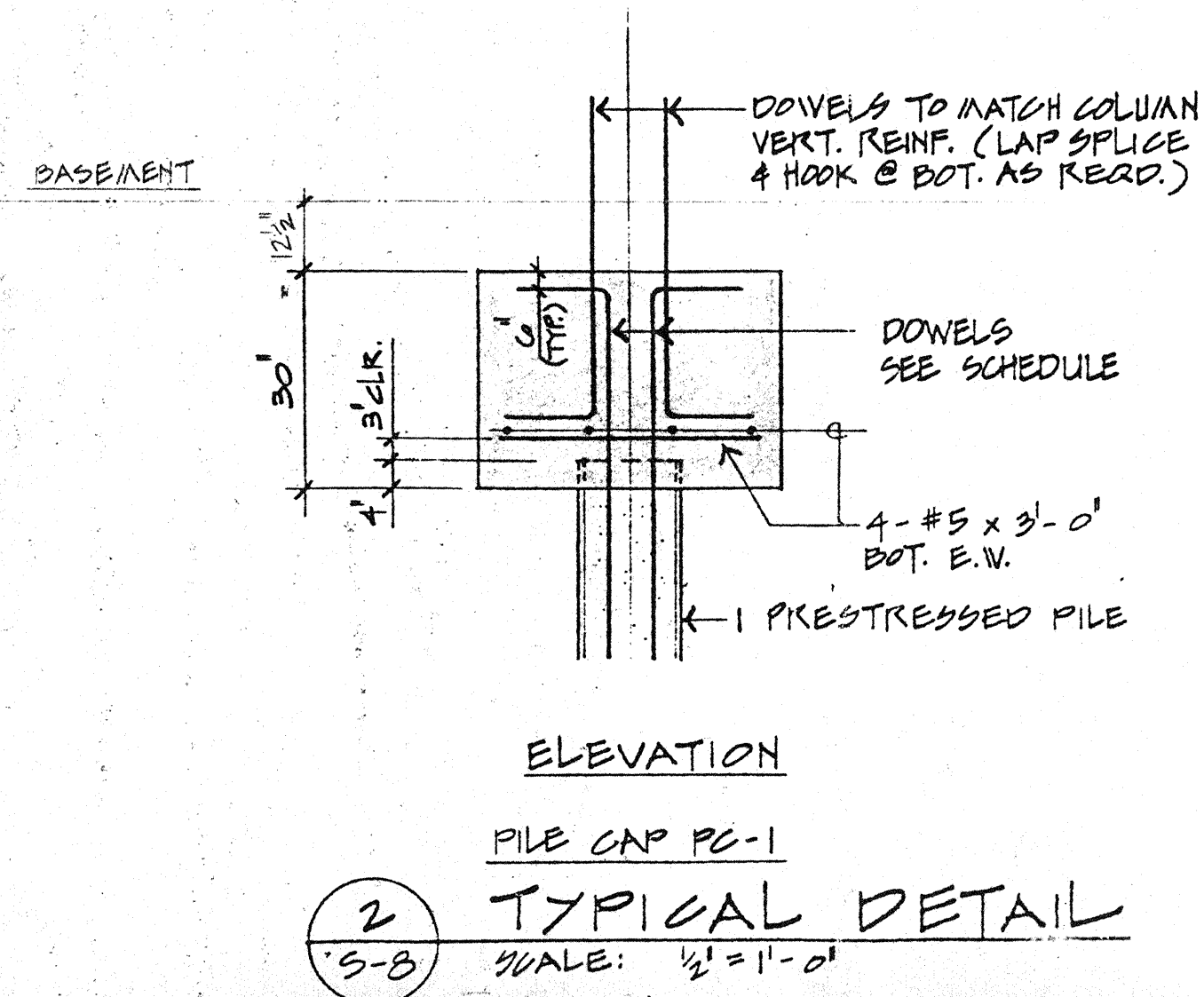
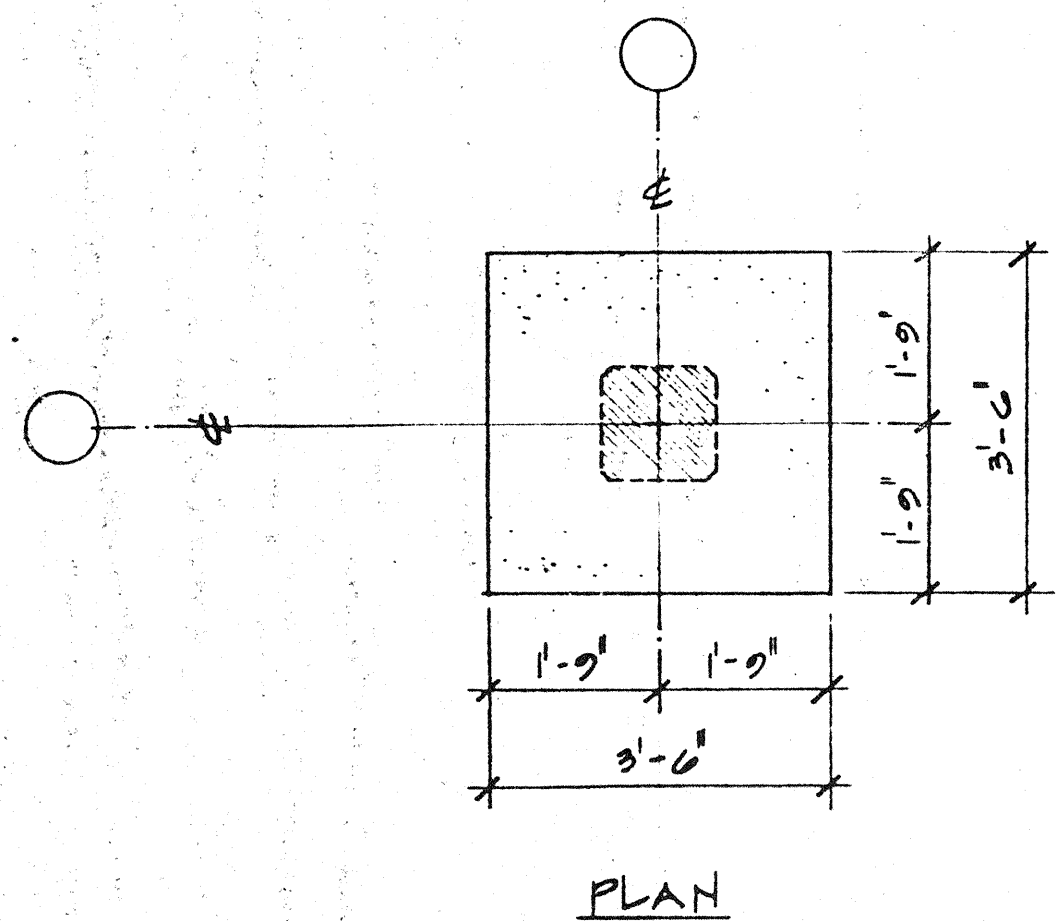
# PILE NOTES

- 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



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 1 1/2"
JACKING FORCE	28.91 kst	22.6 kst
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



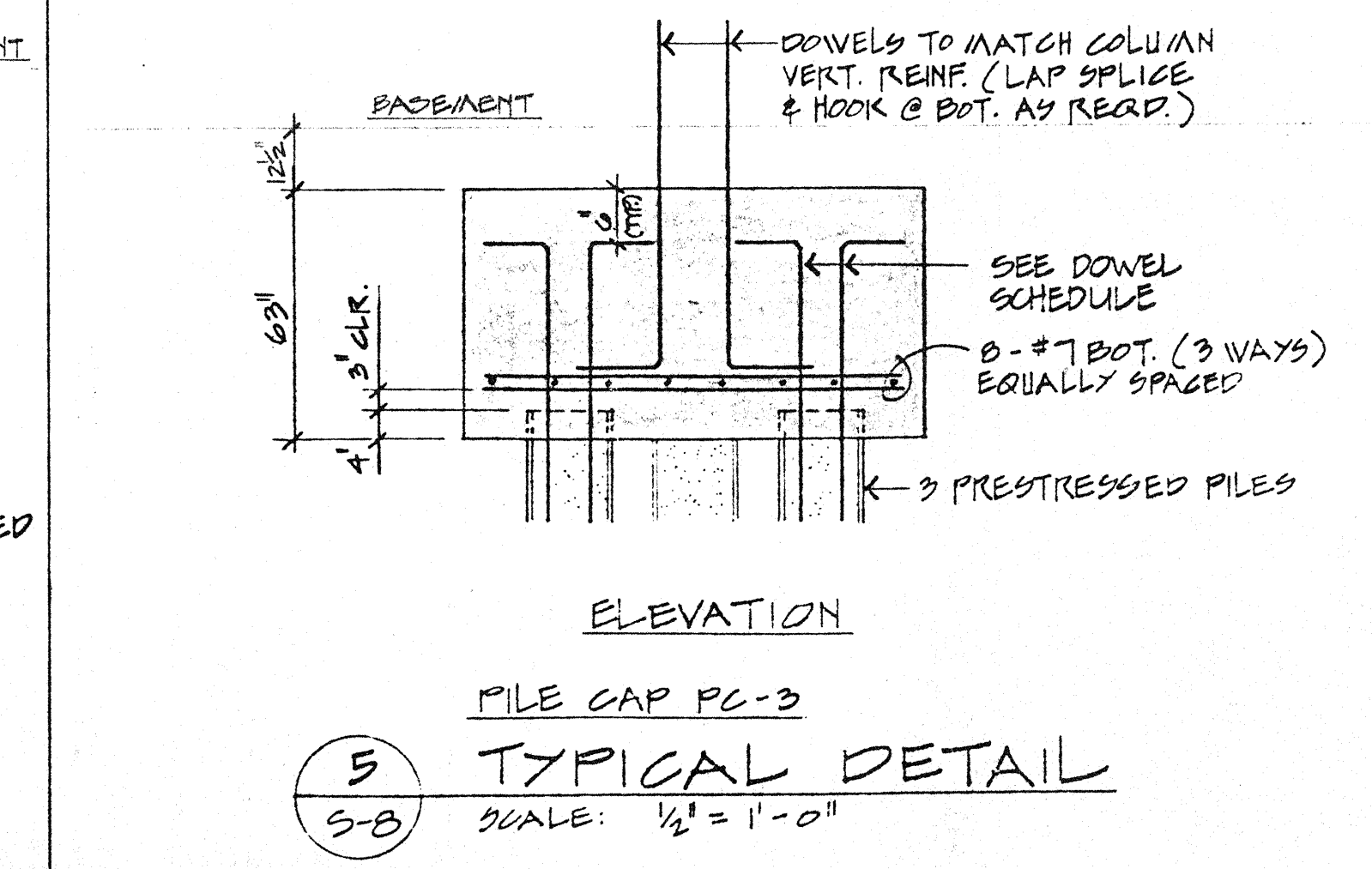
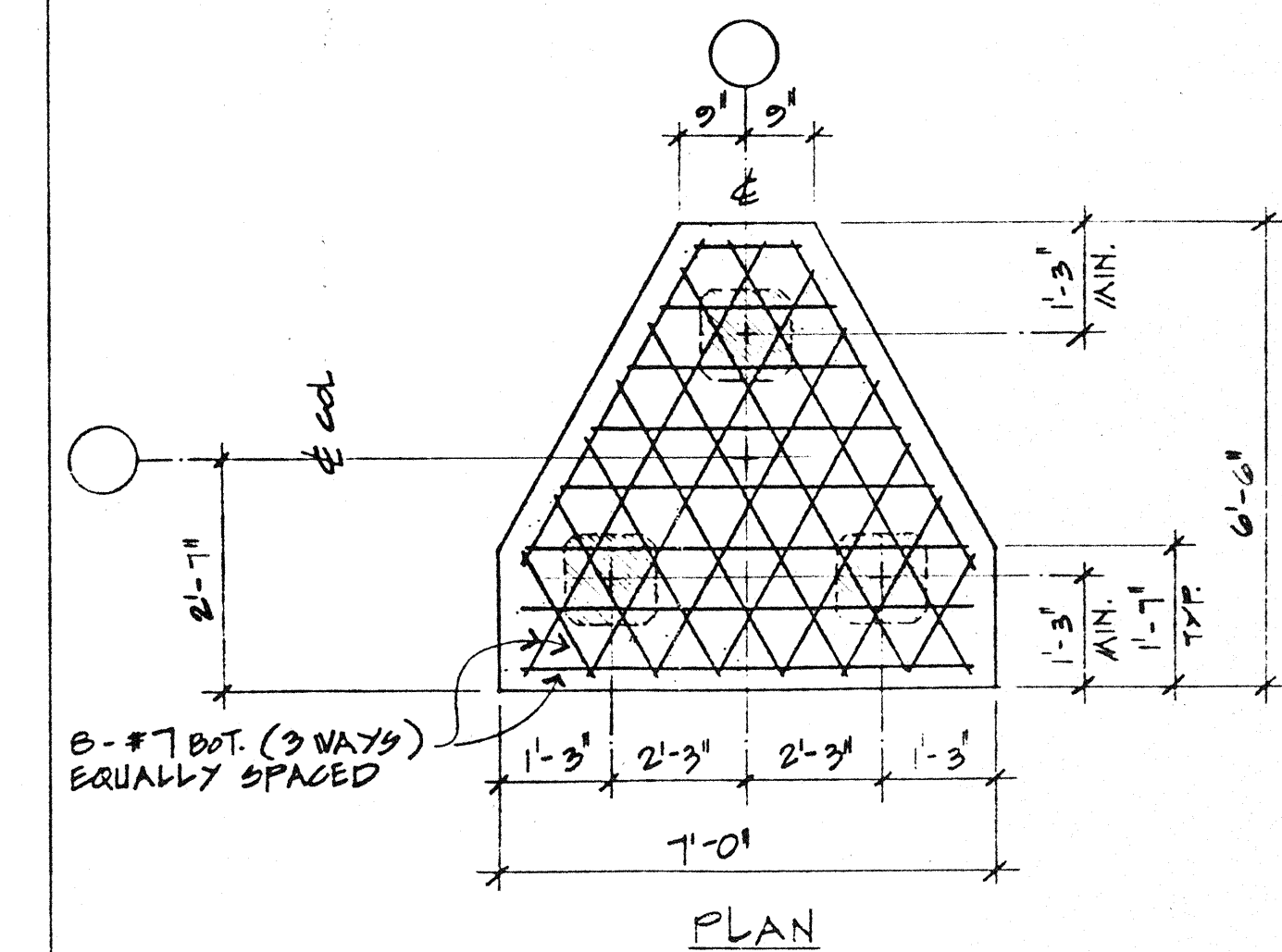
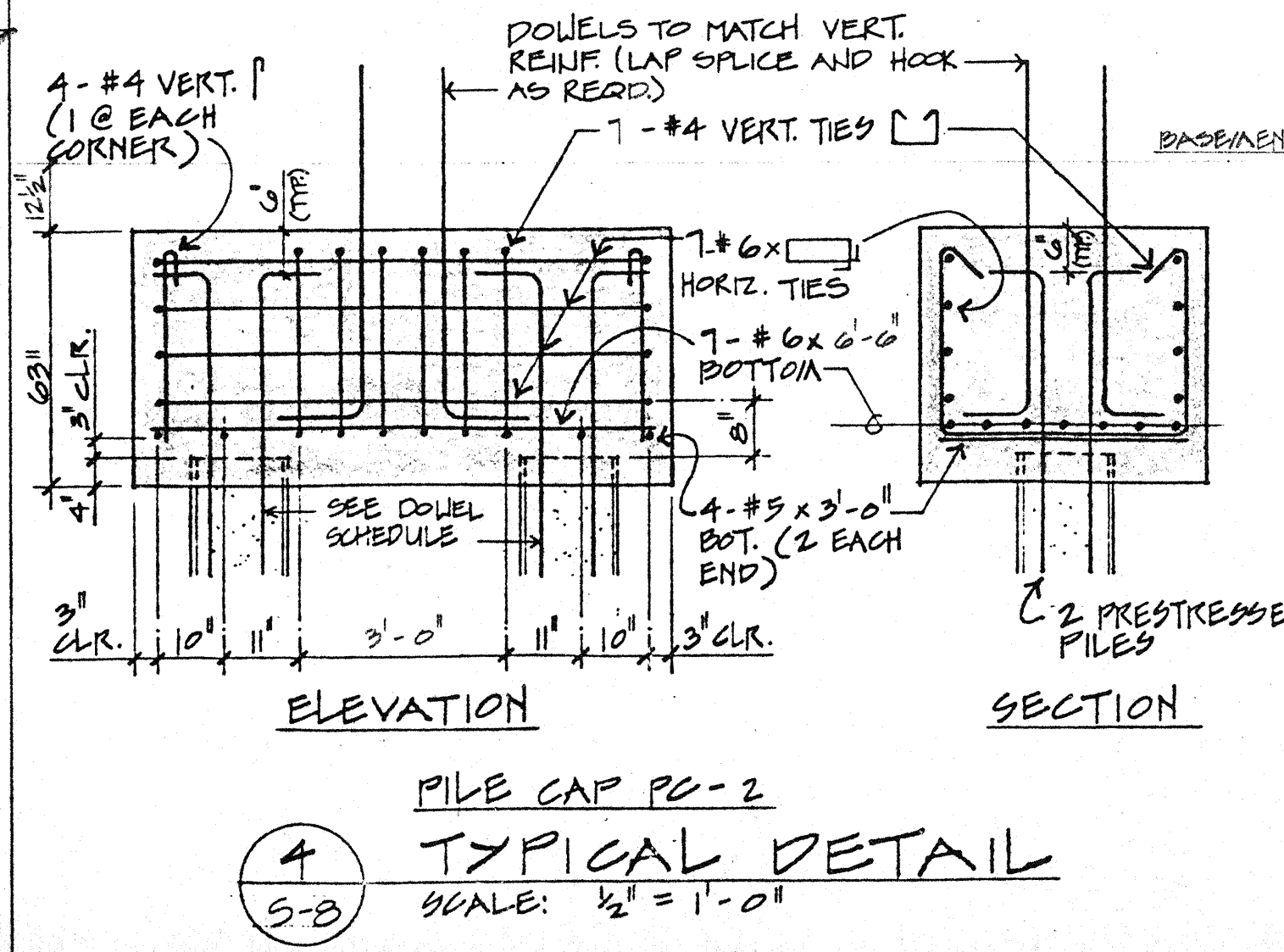
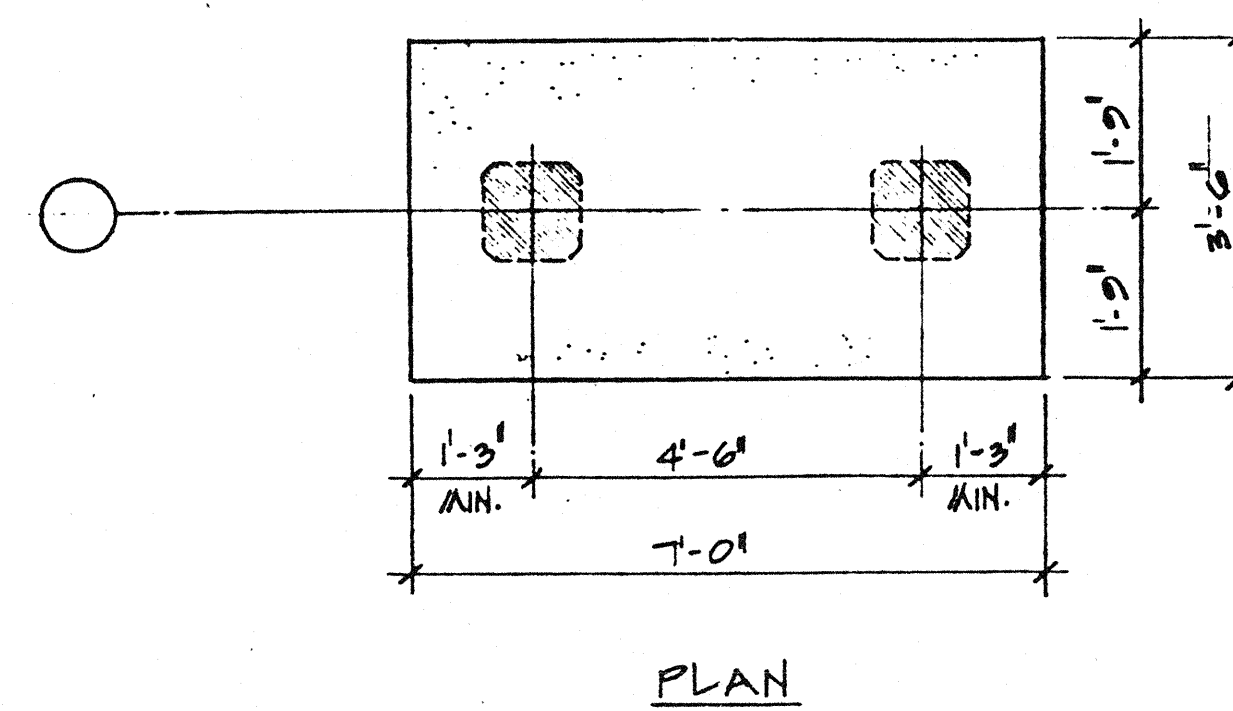
## PILE GROUP SCHEDULE (COLUMNS ONLY)

PILE GROUP	NUMBER OF PILES	PILE TYPE	PILE CAP TYPE	DESIGN D.L. + L.L.	MINIMUM LENGTH	QUANTITY	REMARKS
PG-1	1	P-2	PC-1	134k	23'-0"	16	
PG-2	1	P-2	PC-1	260k	43'-0"	3	
PG-3	1	P-1	PC-1	300k	43'-0"	2	
PG-4	2	P-2	PC-2	364k	31'-0"	3	
PG-5	2	P-2	PC-2	484k	41'-0"	1	
PG-6	3	P-1	PC-3	269k	46'-0"	1	

- NOTES:**
- PROVIDE 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.

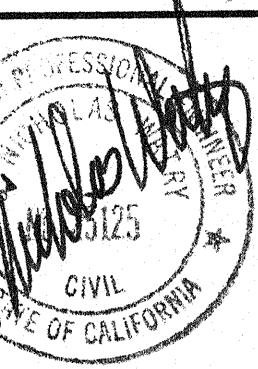
## DOVEL SCHEDULE

REBAR SIZE	EMBEDMENT IN PILE	DIAMETER OF HOLE	LENGTH	HOOK	REMARKS
#6	3'	1"	VARIES	12'	
#7	36"	1 1/4"			
#8	46"	1 3/8"			
#9	58"	1 1/2"			
#10	73"	1 3/4"			

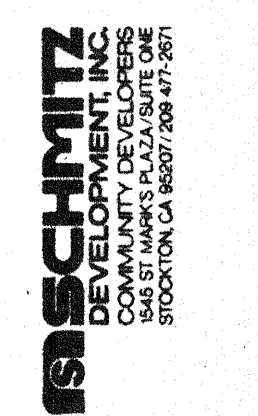


Lawrence Cook, architect, retains all rights and ownership to these drawings. No part of these drawings shall be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Lawrence Cook Architect AIA.

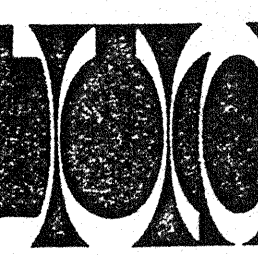
DATE: 15 OCTOBER 1981  
 REVISED: JAN 1, 1972



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



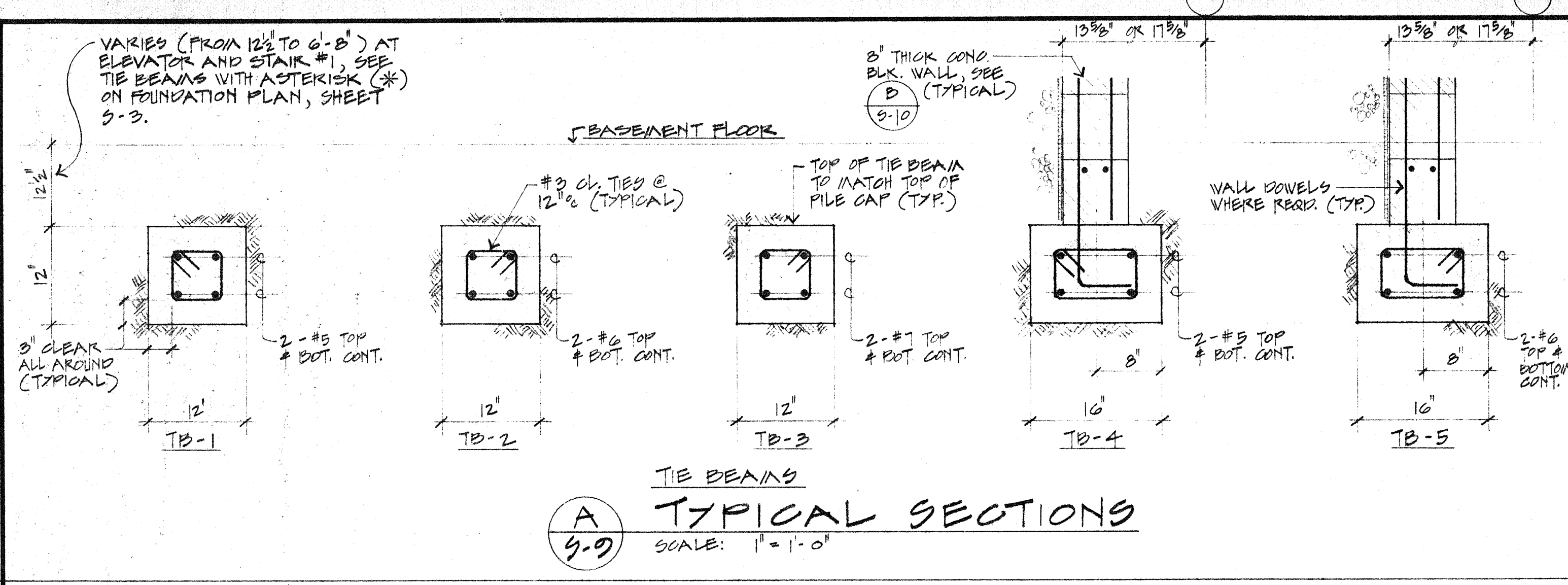
Lawrence Cook  
 Architect AIA  
 408 353-1500  
 20091 Old Santa Cruz Highway  
 Los Gatos, California 95030



BLDG. 2

S-8  
 PAGE 40 OF 76 PAGES





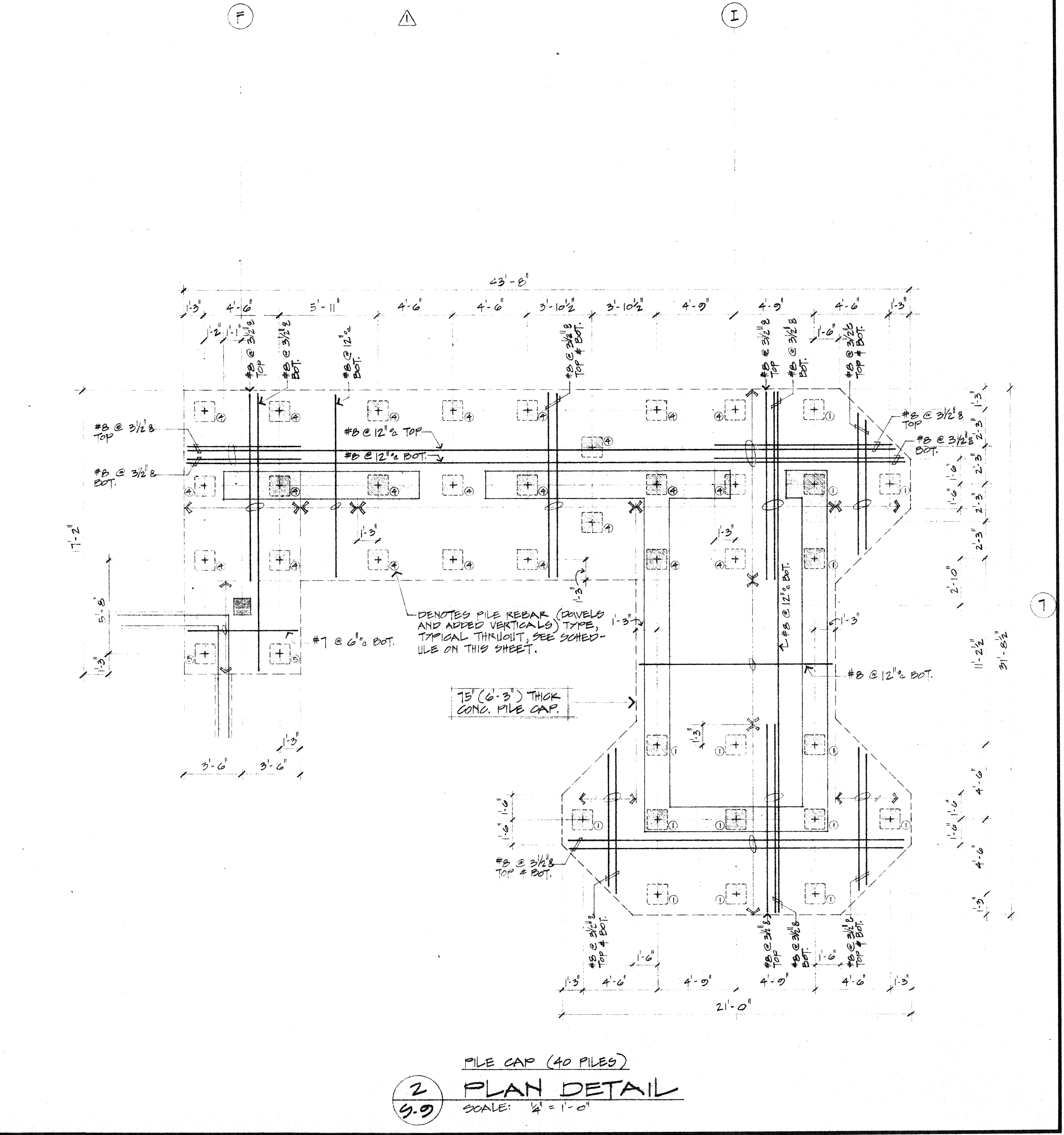
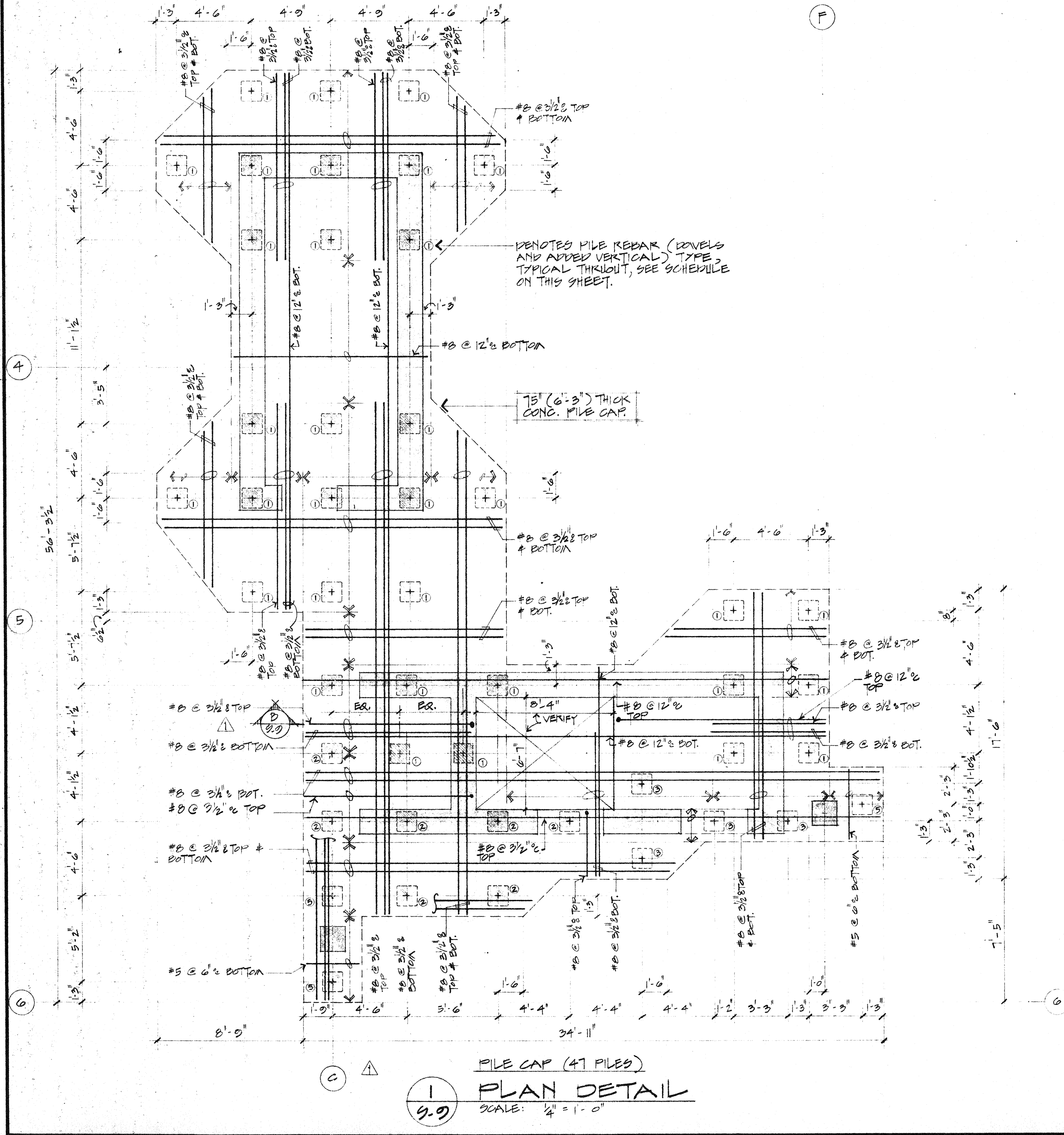
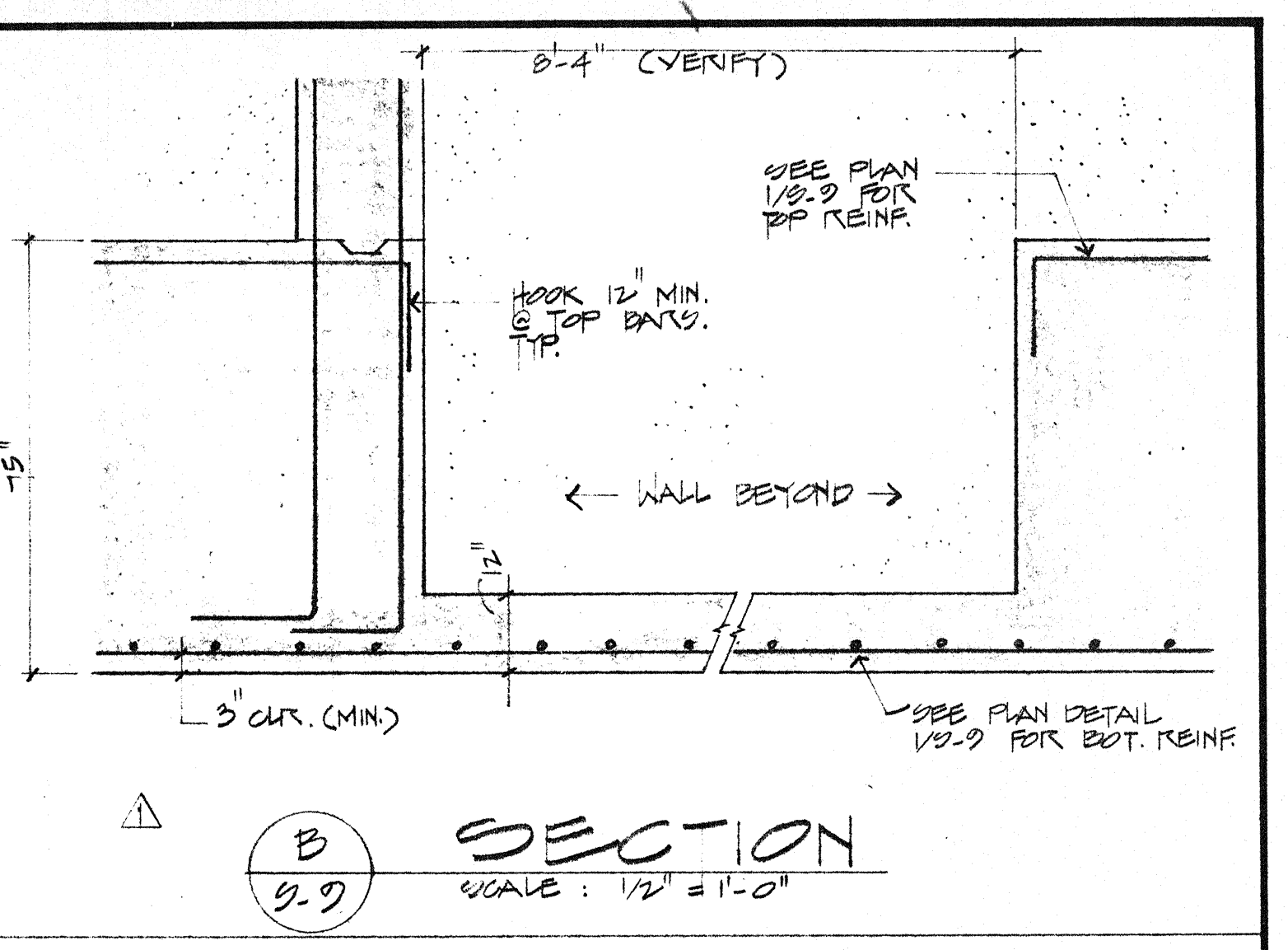
**SHEAR WALL PILE SCHEDULE**

TYPE	ROVEIS	ADDED VEKT.	NUMBER REQUIRED	REMARKS
1	6-#9	2-#8 x 17'-0" 2-#8 x 10'-0"	48	
2	6-#9	1-#6 x 17'-0"	7	
3	4-#9	-	4	
4	6-#10	2-#8 x 17'-0" 2-#8 x 10'-0"	23	
5	4-#6	-	5	

**NOTES:**

- FILES ARE TYPE P-1, SEE "PILE SCHEDULE" ON SHEET 9-8.
- MINIMUM LENGTH OF PILES IS FORTY THREE FEET (43'-0")
- DESIGN LOADS ARE AS FOLLOWS:  
 D.L. + W.L. 300K  
 D.L. + W.L. + E.R. 400K  
 UPLIFT 300K
- SEE "ROVEL SCHEDULE" ON SHEET 9-8.
- SEE PILE DETAIL 1/9-8.

DETAIL ALL ROVEIS WITH 100% SHRINK CAROUT.



Lawrence Cook Architect, Inc. is a professional corporation. All rights are reserved. No part of this document, and its contents, may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Lawrence Cook Architect, Inc.

DATE: 15 OCTOBER 1981  
 REVISED: / / 82  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]

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

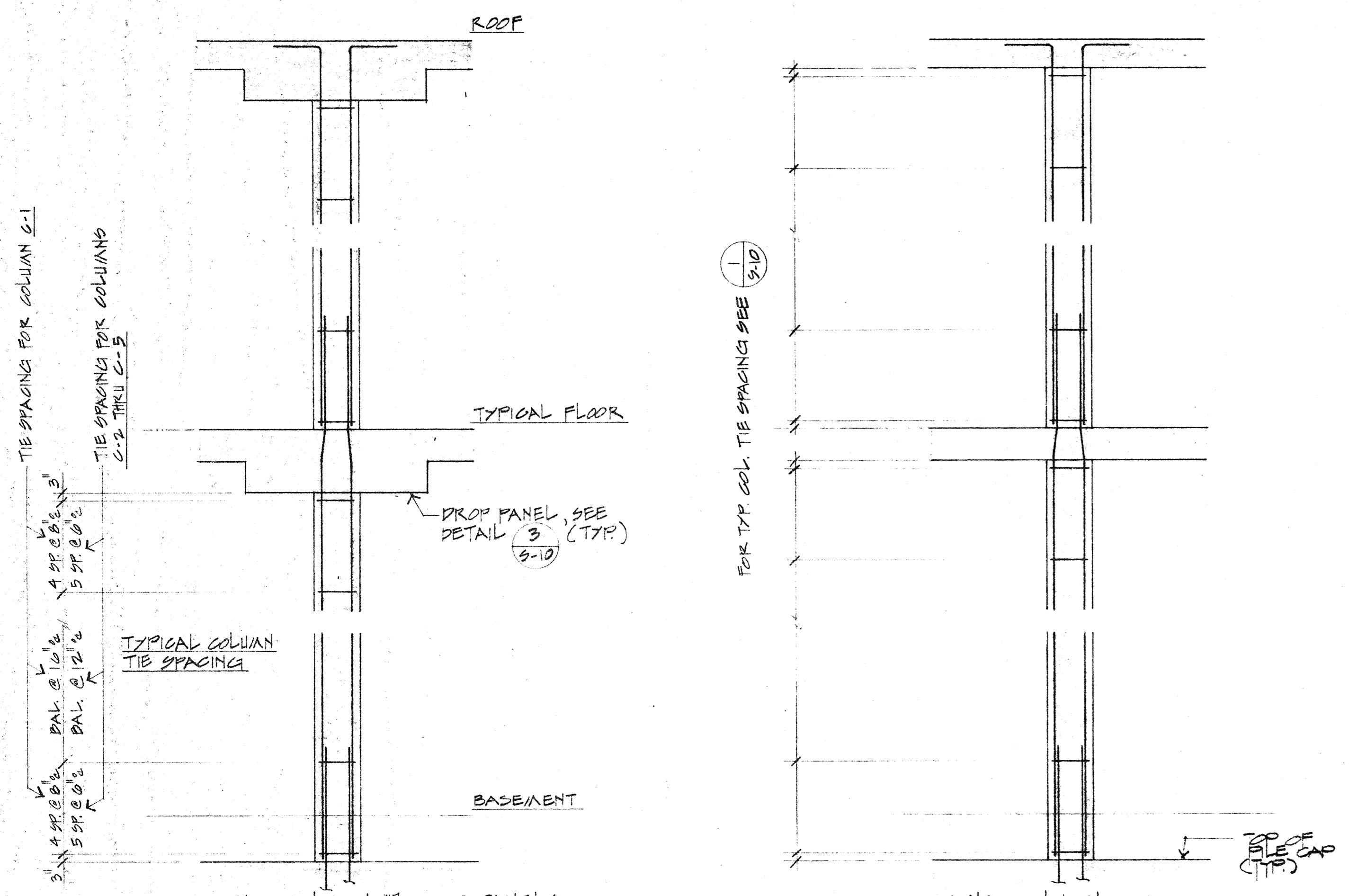
**SCHMITZ DEVELOPMENT, INC.**  
 CIVIL ENGINEERS  
 STOCKTON, CALIFORNIA

**Lawrence Cook**  
 Architect  
 AIA  
 20091 Old Santa Cruz Highway  
 Los Gatos California 95030  
 408 353-1500

**BLDG. 2**

S-9

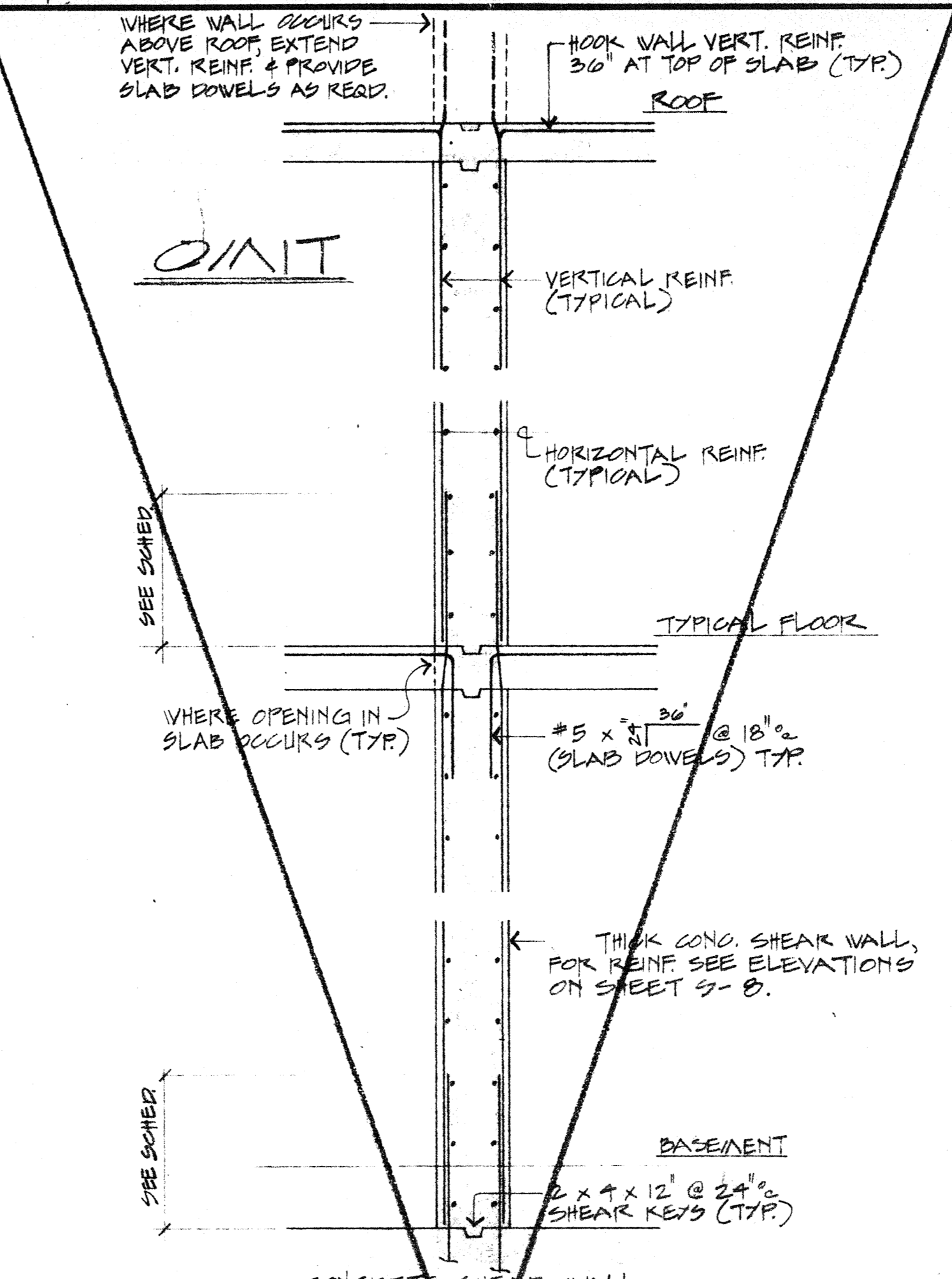
PAGE 41 OF 96 PAGES



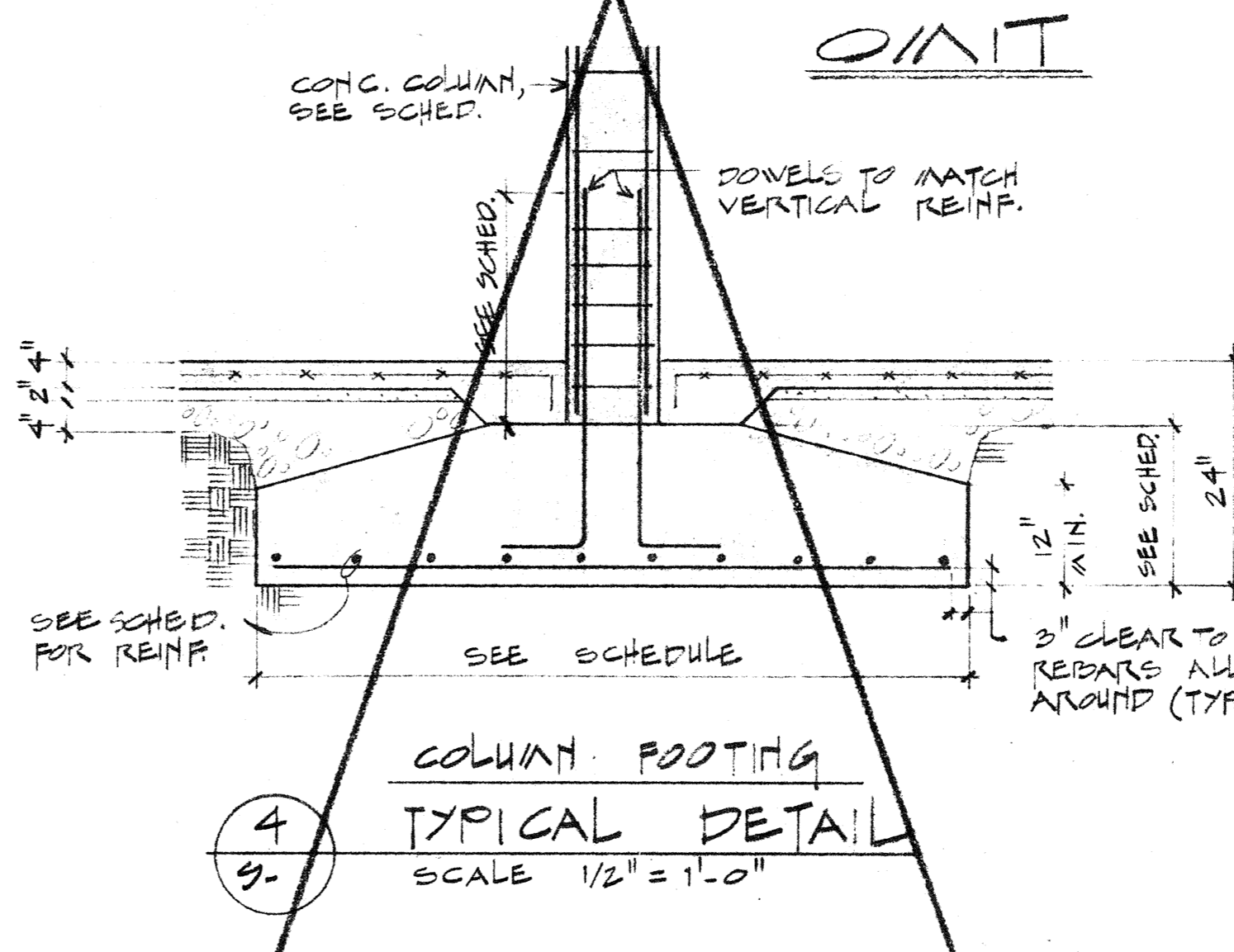
1 TYPICAL DETAIL  
9-10 NO SCALE

2 TYPICAL DETAIL  
9-10 NO SCALE

COLUMN SCHEDULE							
LEVEL	CONCRETE STRENGTH	REINF.	C-1 (12' x 12')	C-2 (12' x 16')	C-3 (12' x 16')	C-4 (12' x 12') OR (14' x 14') SEE REMARK	C-5 (12' x 12')
ROOF							
FIFTH	4 K.S.I.	VERTICAL TIE LAP SPLICE					
FOURTH	4 K.S.I.	VERTICAL TIE LAP SPLICE		4-#7 #3 24"			
THIRD	4 K.S.I.	VERTICAL TIE LAP SPLICE	4-#5 #3 31"	4-#5 #3 24"		4-#6 #3 18"	
SECOND	4 K.S.I.	VERTICAL TIE LAP SPLICE					
FIRST	6 K.S.I.	VERTICAL TIE LAP SPLICE	8-#5 #3 31"				
BASEMENT	6 K.S.I.	VERTICAL TIE LAP SPLICE	12-#9 #3 31"	6-#9 #3 39"	4-#7 #3 24"	4-#10 #3 50"	4-#7 #3 24"
		DOVELS	12-#9	6-#9	4-#7	4-#10	4-#7
		NO REQR'D	3	8	14	1	3
REMARKS			CONC. @ ELEVATION LONGER			12' x 12' - 2ND FL. THRU 5TH FL. 14' x 14' - BASEMENT THRU 1ST.	
COLUMN SECTIONS			(A) (D) (G)	(D) (E)	(E)	(G) (J)	(H)



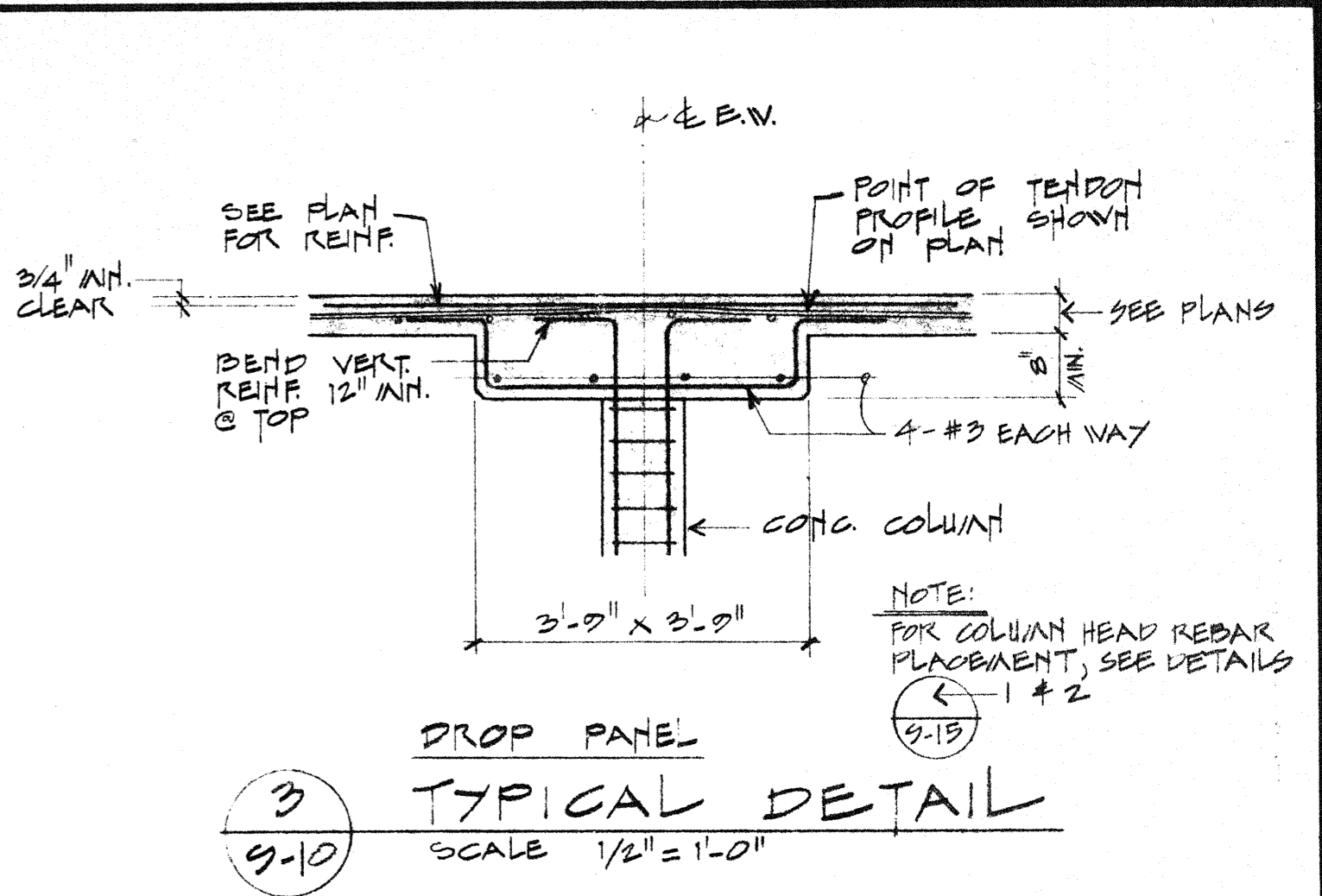
A TYPICAL SECTION  
9-10 NO SCALE



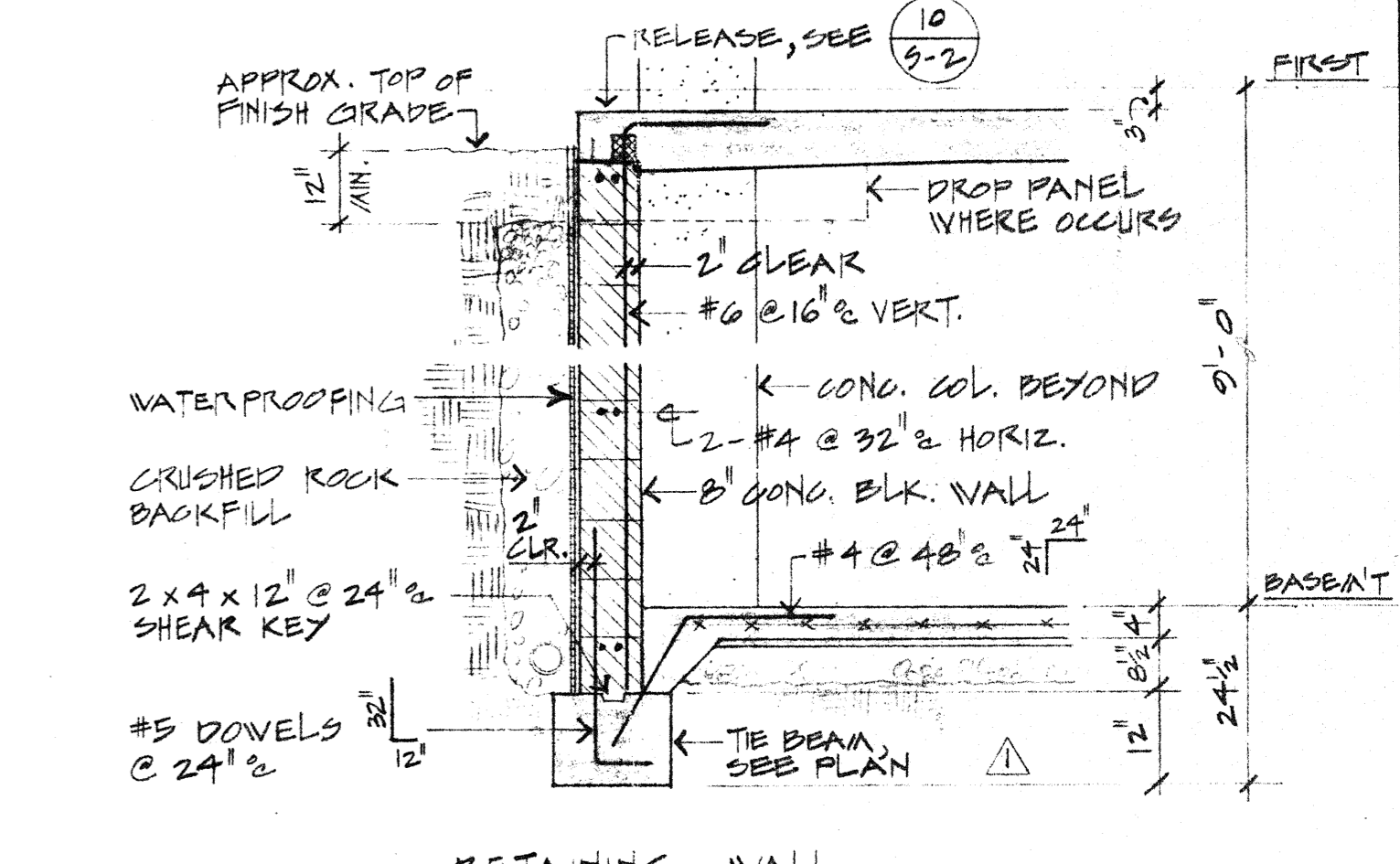
B TYPICAL DETAIL  
9-10 SCALE 1/2" = 1'-0"

COLUMN FOOTING SCHEDULE				
TYPE	SIZE	"L"	REINFORCING	REMARKS
F-1	5'-0" x 5'-0"	14'	5-#8 BOT. E.W.	
F-2	9'-0" x 9'-0"	25'	11-#6 BOT. E.W.	

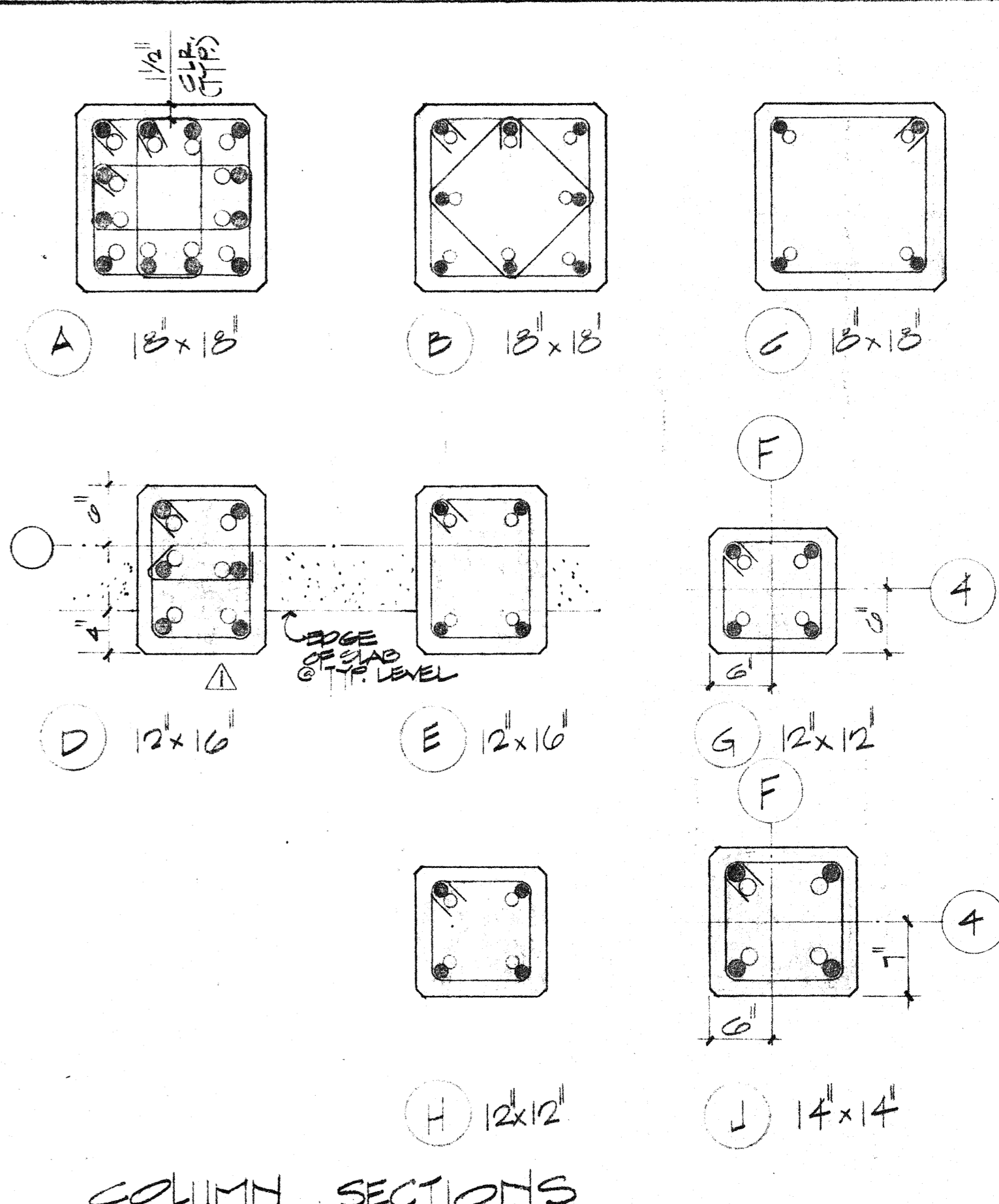
OMIT



C TYPICAL DETAIL  
9-10 SCALE 1/2" = 1'-0"



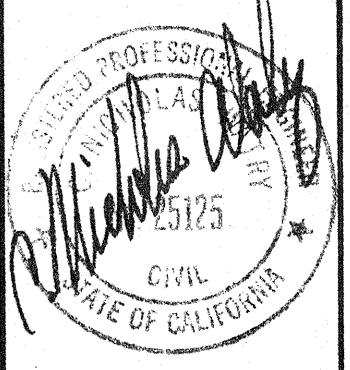
B TYPICAL SECTION  
9-10 SCALE 1/2" = 1'-0"



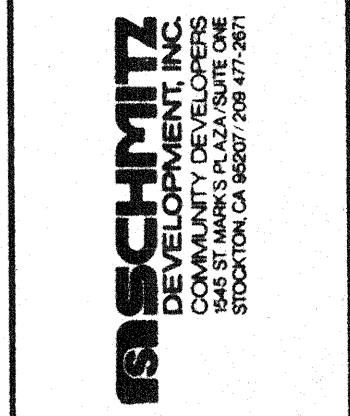
COLUMN SECTIONS  
SCALE: 1/2" = 1'-0"

Lawrence Cook Architect, retains all rights and ownership to these documents, and disclaims responsibility for their construction or use other than the use for which they were specifically prepared.

DATE 15 OCTOBER 1981  
REVISED: JAN 7 82  
LAWRENCE COOK ARCHITECT

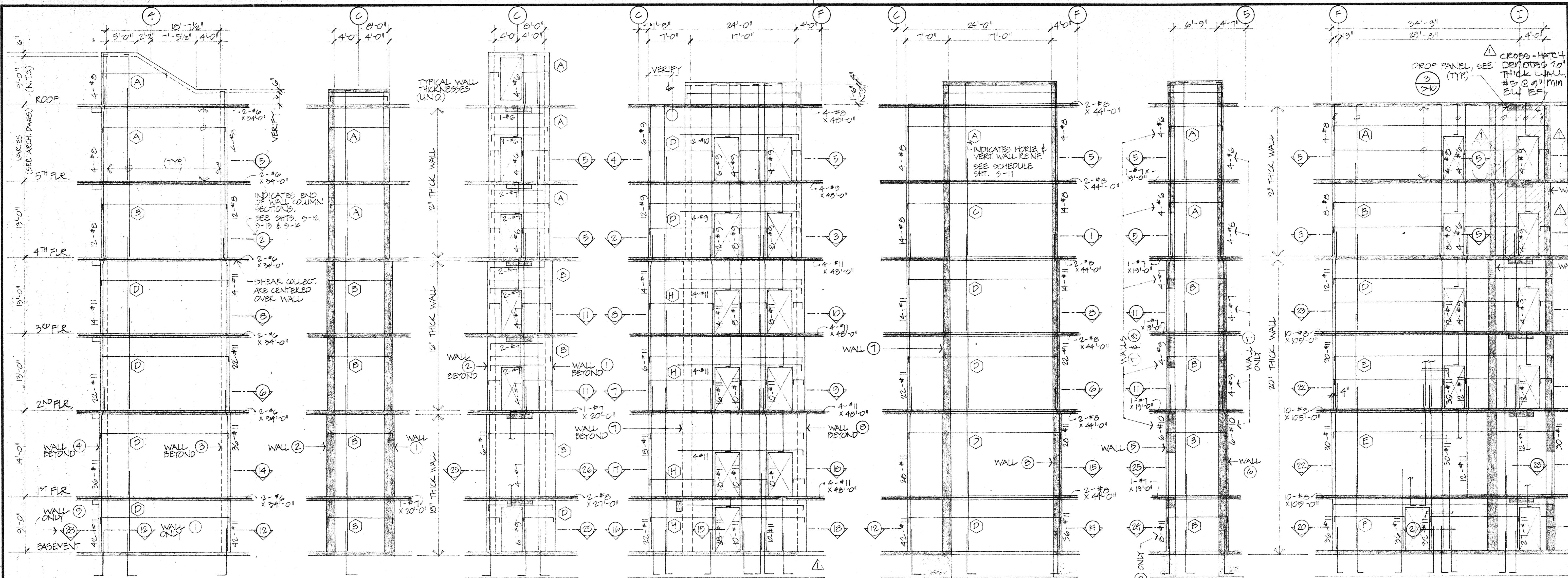


THE WATERFRONT OFFICE TOWERS  
stockton downtown redevelopment  
weber avenue & lincoln street  
stockton, california



Lawrence Cook  
Architect  
AIA  
408 353-1500  
20091 Old Santa Cruz Highway  
Los Gatos California 95030





WALL ①  
WALL ③ 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 AT ROOF SLAB.
  3. DOOR OPENING WALL ⑩. SEE PARTIAL ELEVATION WALL ②.

NOTE: DIMENSIONS APPLY TO STAIR #1 ONLY. VERIFY ALL STAIR #2 DIMENSIONS W/ ARCH. DRAWINGS.

NOTE: ALL WALL THICKNESS TRANSITIONS OCCUR @ EXT. FACE (U.N.O.) SEE SECTION A'-5-14.

**ELEVATOR SHAFT**

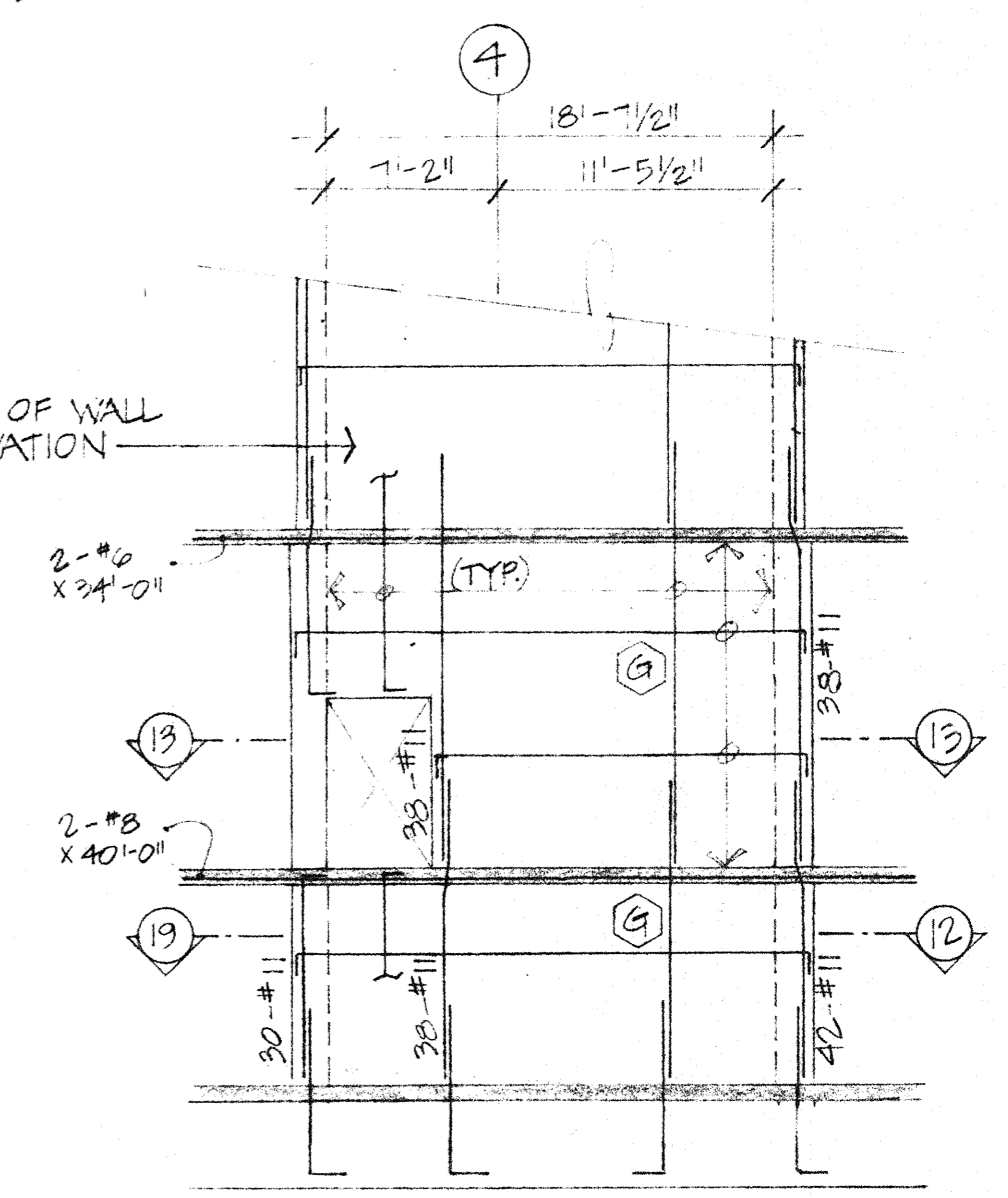
NOTE: VERIFY SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FIELD.

**① ELEVATION DETAILS**  
SCALE 1/8" = 1'-0"

NOTE: SHEAR COLLECTORS @ WALL ⑦ ONLY.

NOTE: WALL THICKNESS TRANSITION @ WALL ⑫ OCCURS @ INSIDE FACE (WEST SIDE) OF STAIR #2. SEE SECTION B'-5-14.

**STAIR #2**



WALL ⑫  
WALL ⑩ SIMILAR  
STAIR #1 (STAIR #2 SIMILAR)  
SEE WALL ① ELEV. FOR ADDITIONAL NOTES.

HORIZ. & VERTICAL (MIN) REINFORCING		NOTES/REMARKS:	GENERAL SHEAR WALL NOTES	
TYPE	BAR SPACING		1.	2.
A	#5 @ 18" o.c.	1. ALL REINF. EACH WAY, EACH FACE U.N.O.	1. FOR DOOR LINTEL REINF. SEE SECTIONS C (S-14)	2. SEE DETAIL ② FOR WALL OPENING TRIM REINF.
B	#6 @ 18" o.c.		3. EXTEND LINTEL REINF. A DEVELOPMENT LENGTH, L <sub>d</sub> , BEYOND EDGE OF DOOR OPENING.	4. FOR ALL LAP SPICE & DEVELOPMENT LENGTHS, SEE SCHEDULE SHEET 9-14.
C	#7 @ 18" o.c.			
D	#7 @ 24" o.c.			
E	#7 @ 6" o.c.			
F	#7 @ 4" o.c.			
G	#8 @ 12" o.c.			
H	#8 @ 9" o.c.			

Lawrence Cook Architect, retains all rights and ownership to these drawings and disclaims responsibility for their use without the consent of the architect. The user assumes all liability for their use.

DATE: 19 OCTOBER 1981  
REVISION: 1  
DRAWN: JANT / 82

PROFESSIONAL SEAL: LAWRENCE COOK ARCHITECT, CIVIL ENGINEER, STATE OF CALIFORNIA, LICENSE NO. 5125

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

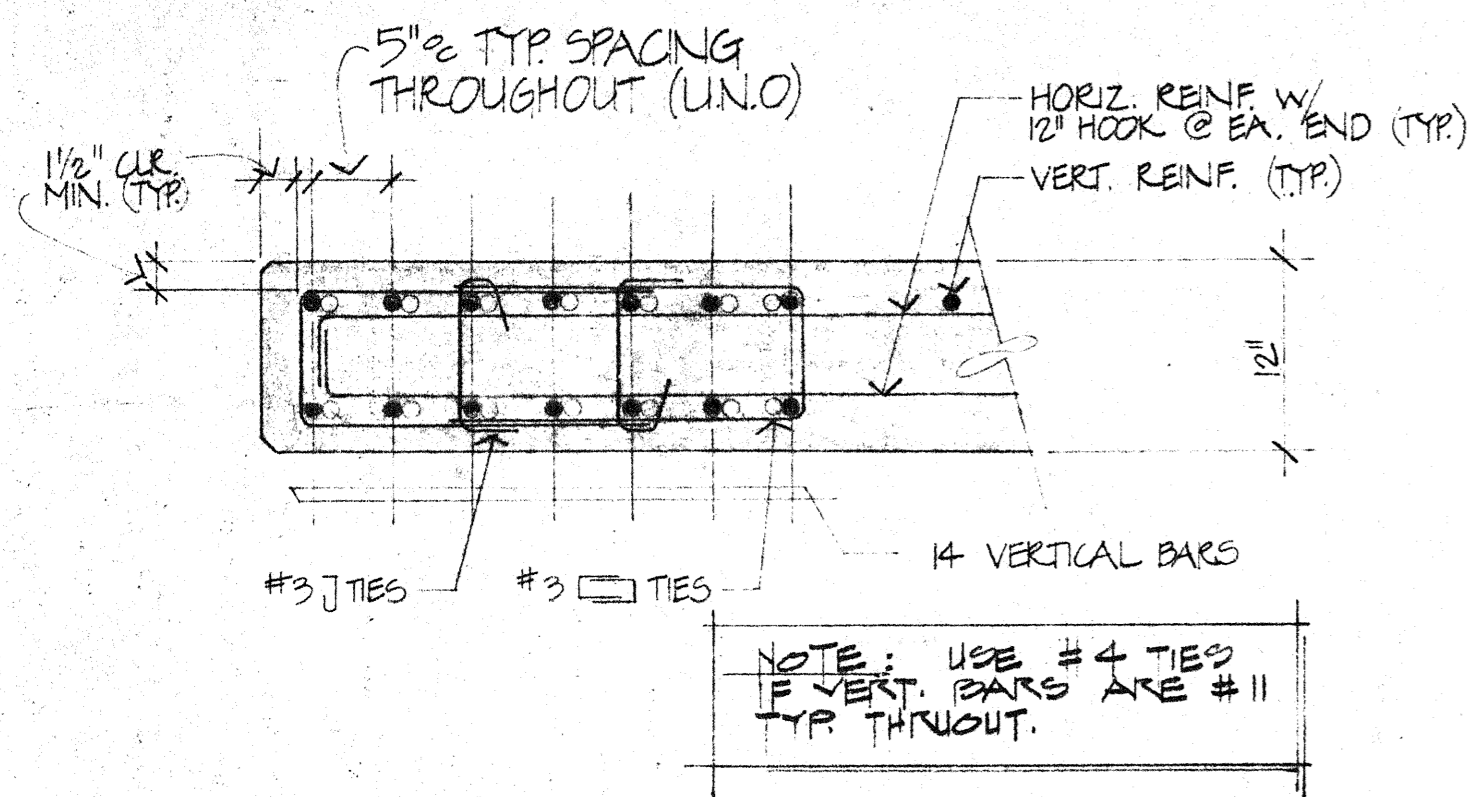
**SCHMITZ DEVELOPMENT INC.**  
COMMUNITY DEVELOPERS  
STOCKTON, CALIFORNIA 95204

Lawrence Cook  
Architect  
AIA 408 353-1500  
20091 Old Santa Cruz Highway  
Los Gatos California 95030

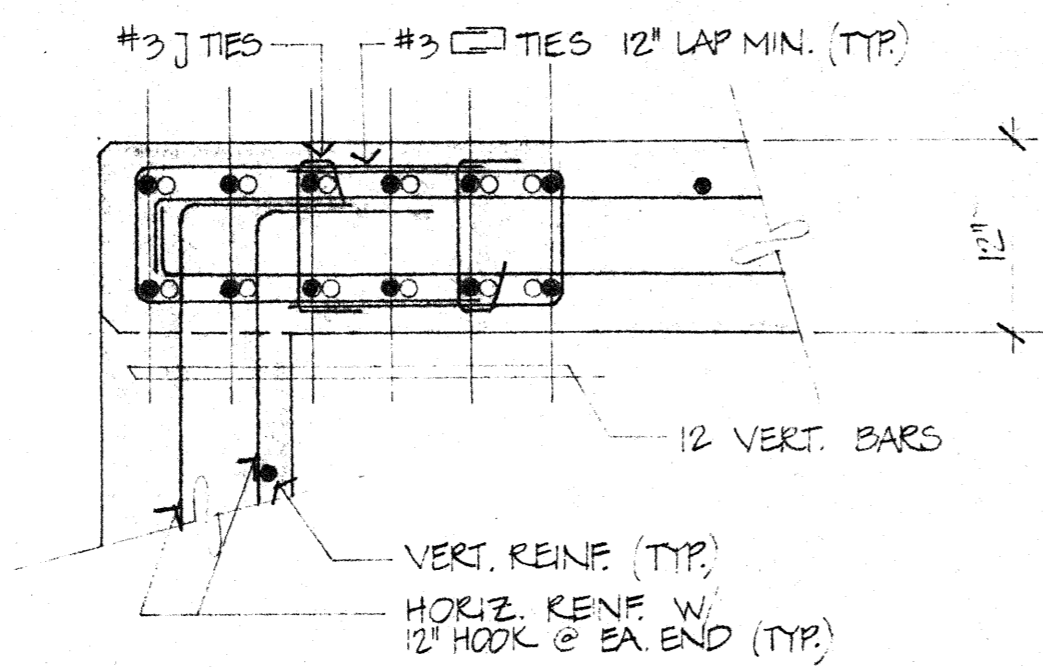
**BLDG. 2**

S - II

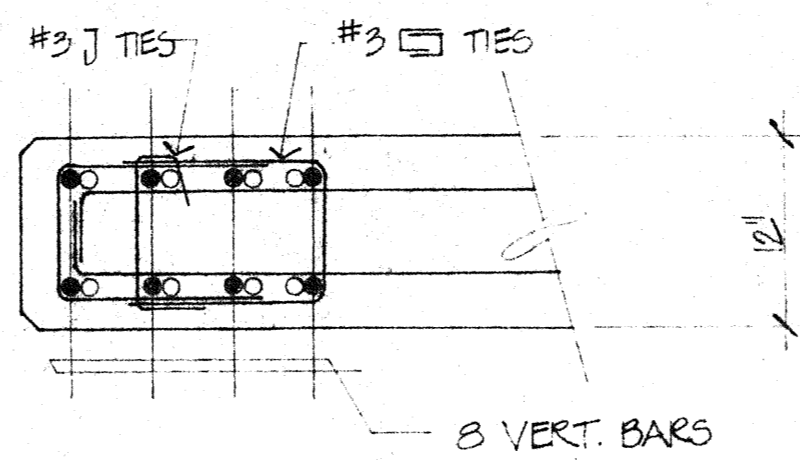
PAGE 43 OF 76 PAGES



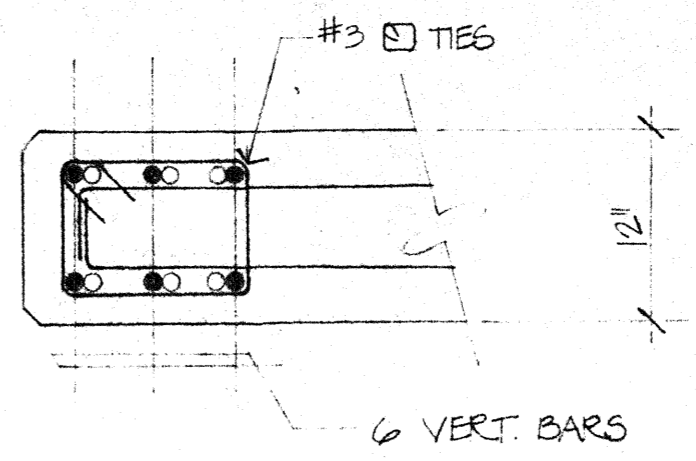
1 SECTION  
SCALE 1" = 1'-0"



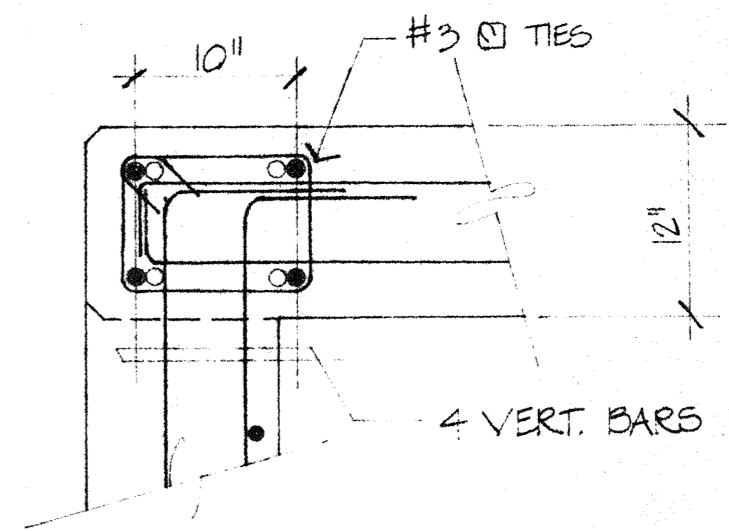
2 SECTION  
SCALE 1" = 1'-0"



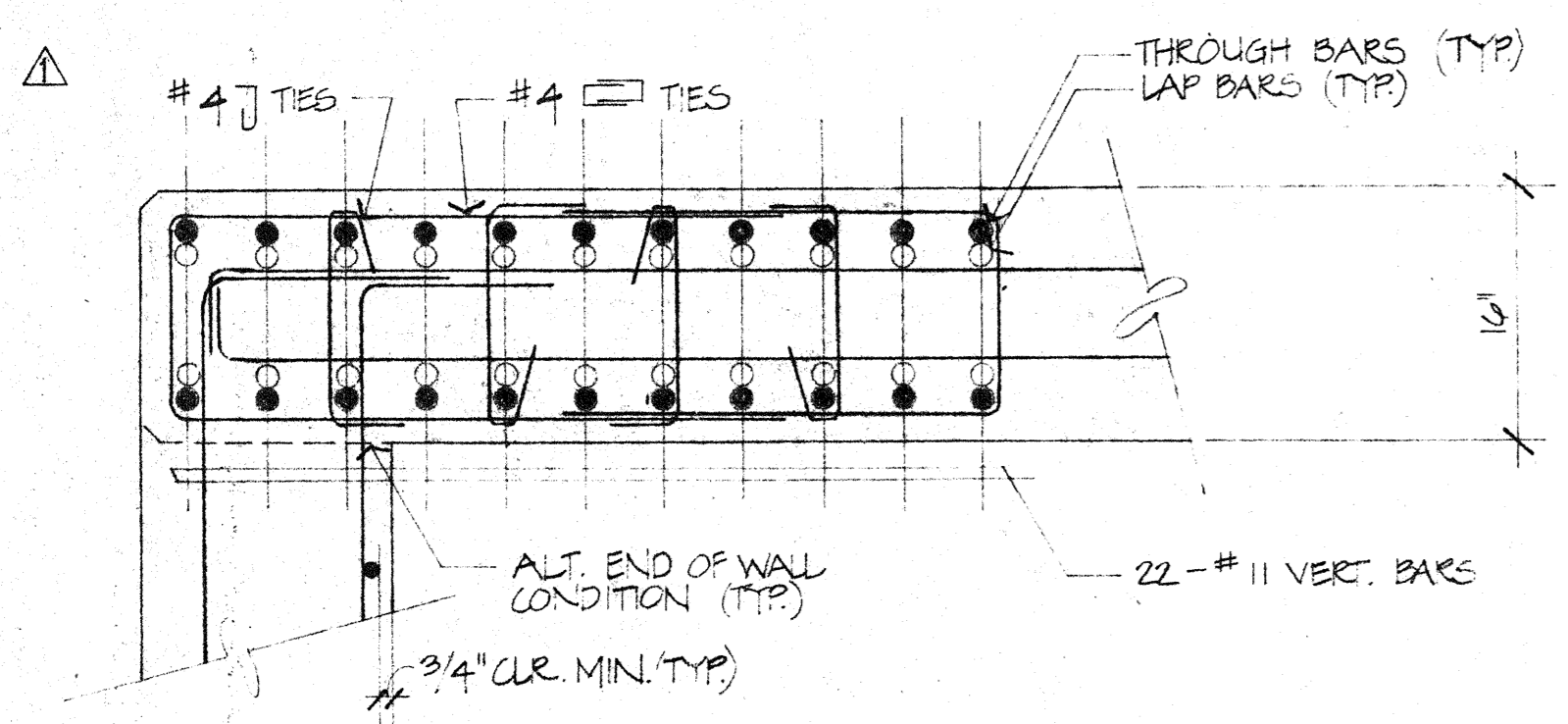
3 SECTION  
SCALE 1" = 1'-0"



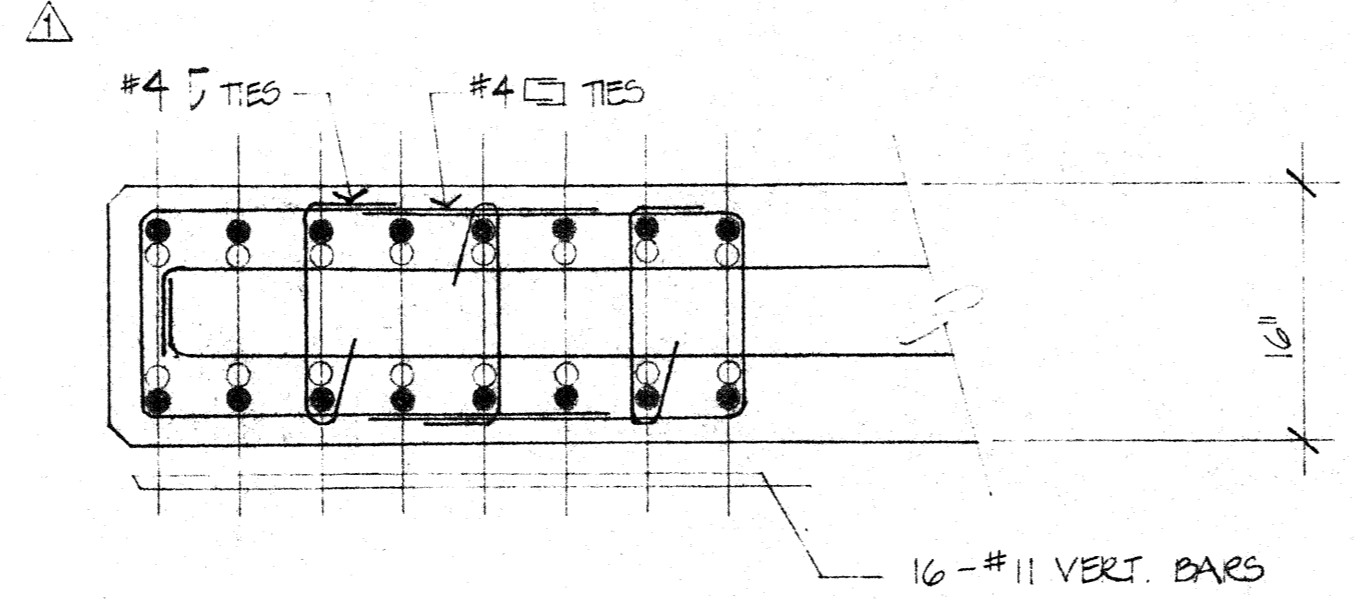
4 SECTION  
SCALE 1" = 1'-0"



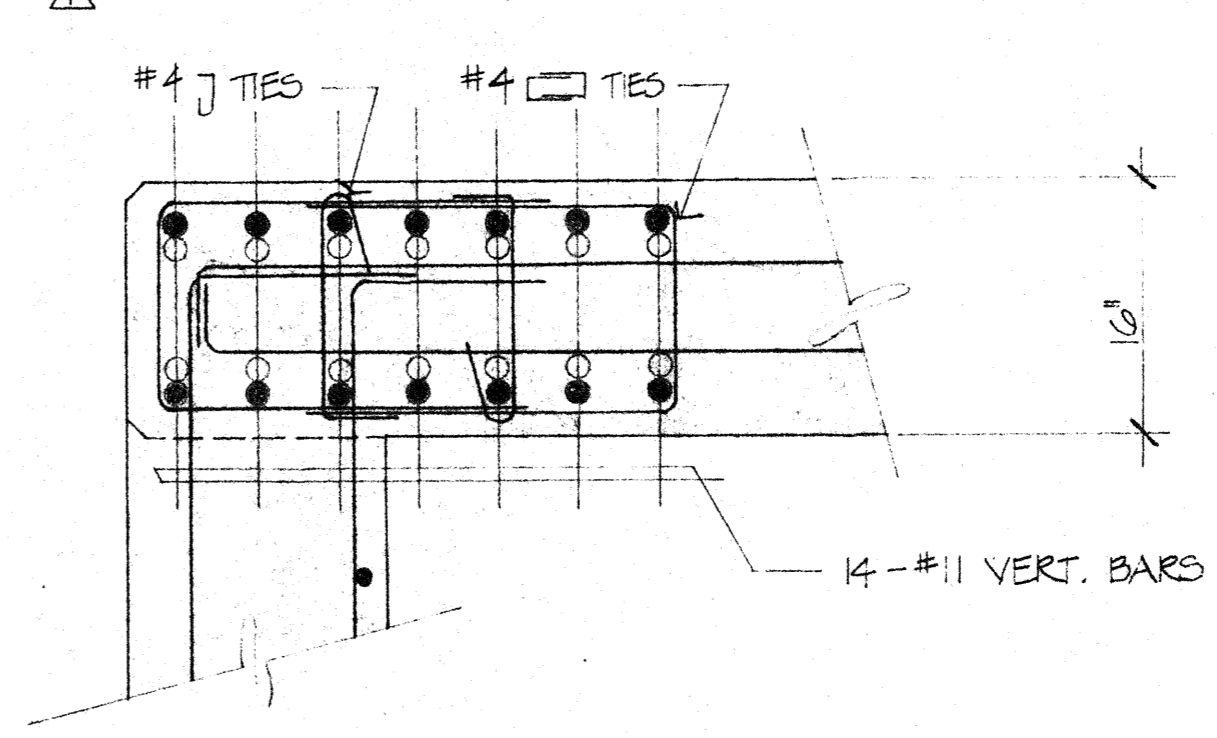
5 SECTION  
SCALE 1" = 1'-0"



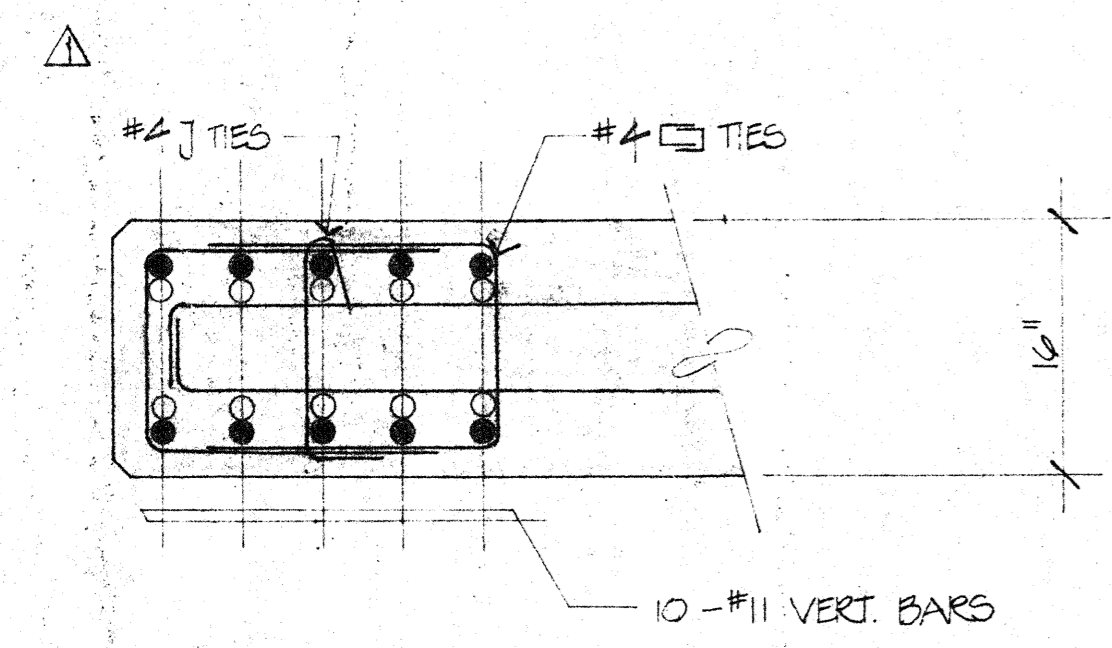
6 SECTION  
SCALE 1" = 1'-0"



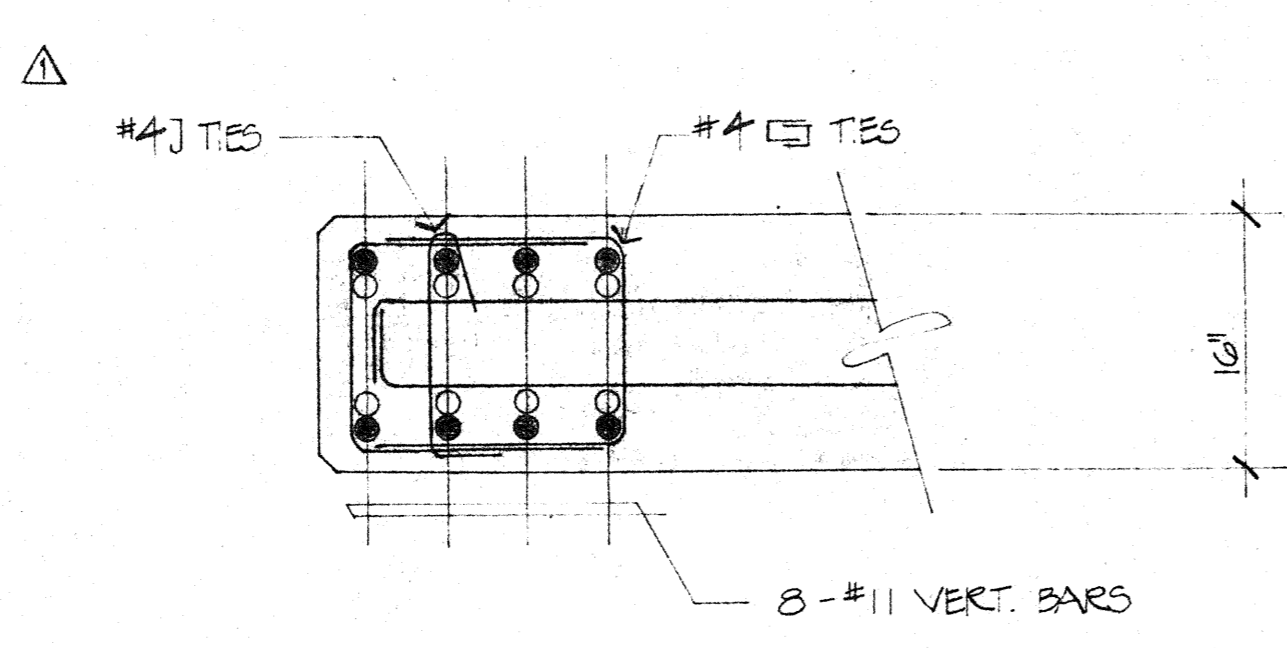
7 SECTION  
SCALE 1" = 1'-0"



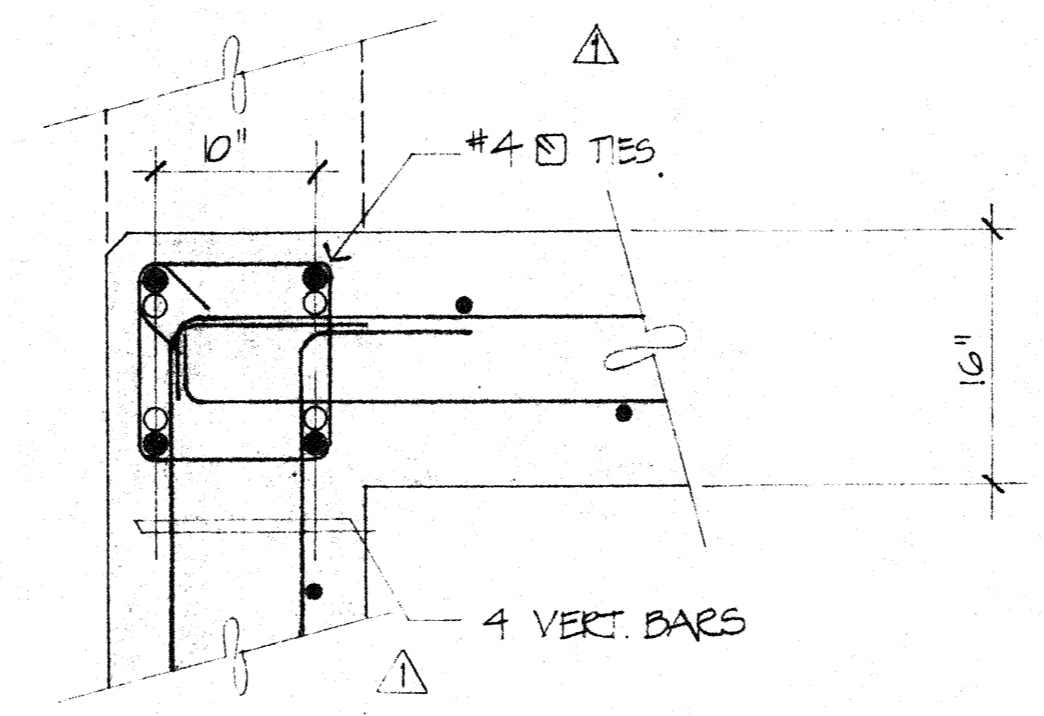
8 SECTION  
SCALE 1" = 1'-0"



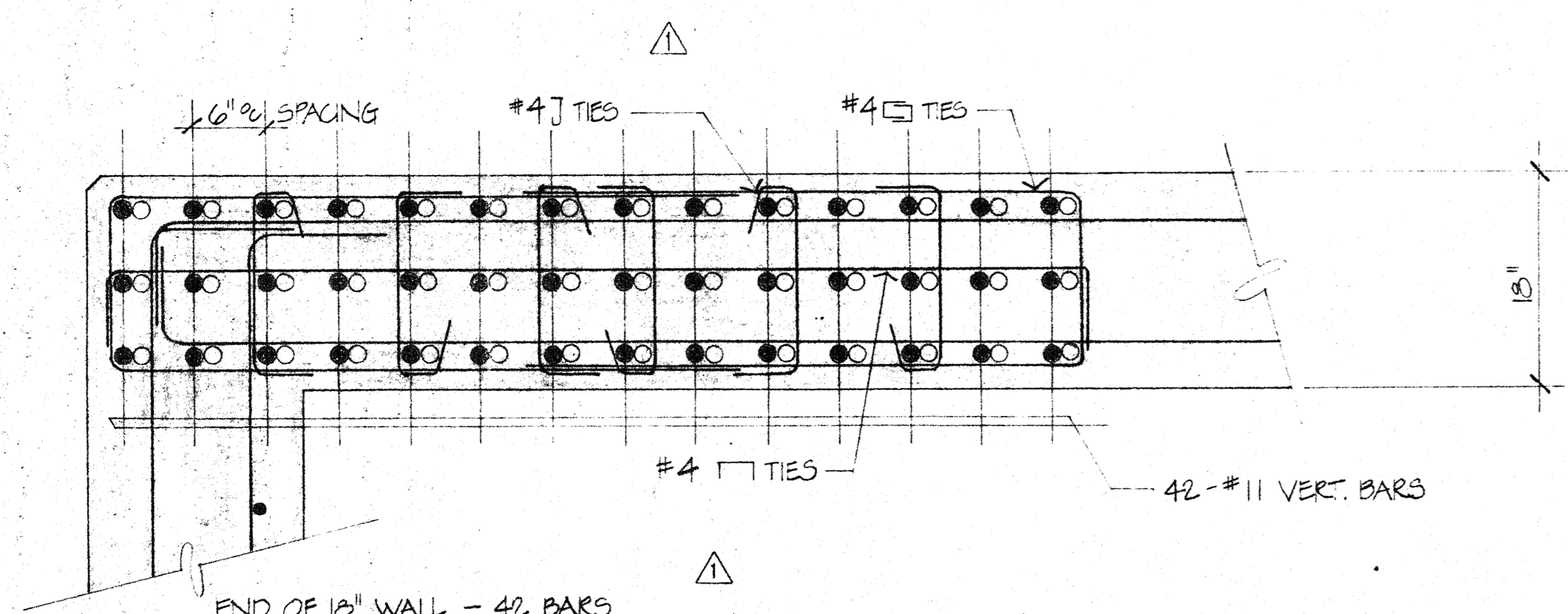
9 SECTION  
SCALE 1" = 1'-0"



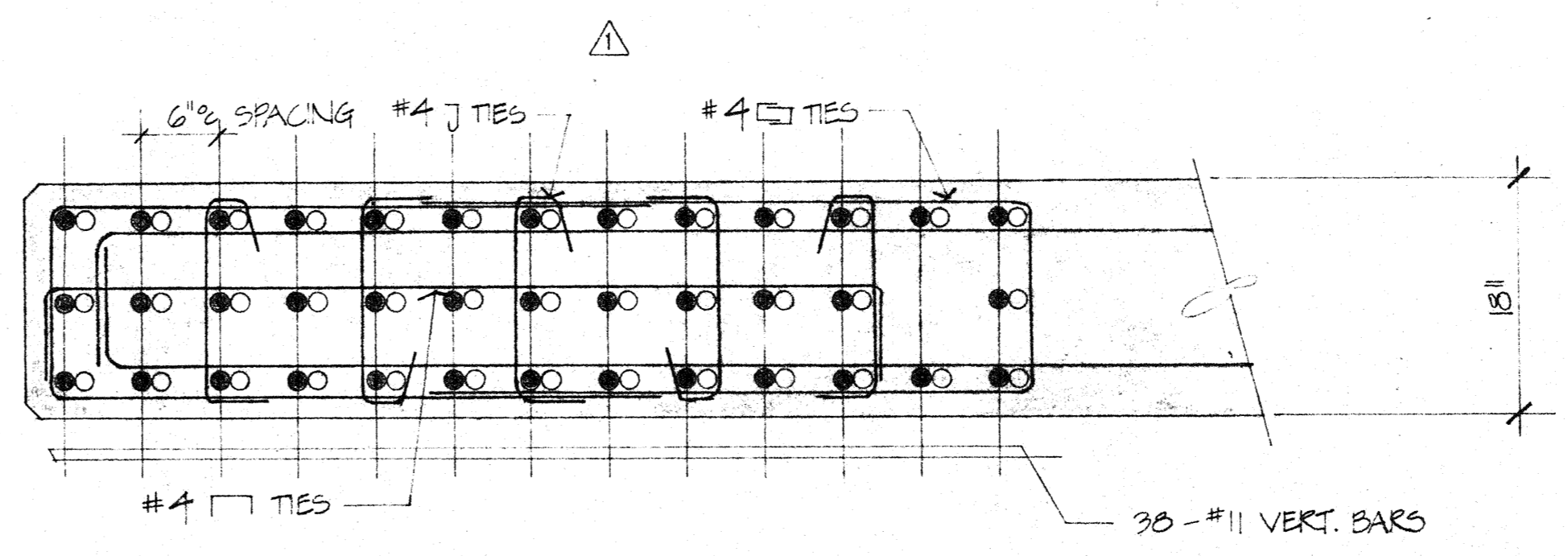
10 SECTION  
SCALE 1" = 1'-0"



11 SECTION  
SCALE 1" = 1'-0"



12 SECTION  
SCALE 1" = 1'-0"



13 SECTION  
SCALE 1" = 1'-0"

Lawrence Cook, Architect, retains responsibility for their unauthorized use in whole or in part on any other project unless specifically prepared.

DATE 15 OCTOBER 1981  
REVISIONS: JAN 11 / 82

REGISTERED PROFESSIONAL ARCHITECT  
No. 15125  
CIVIL  
STATE OF CALIFORNIA

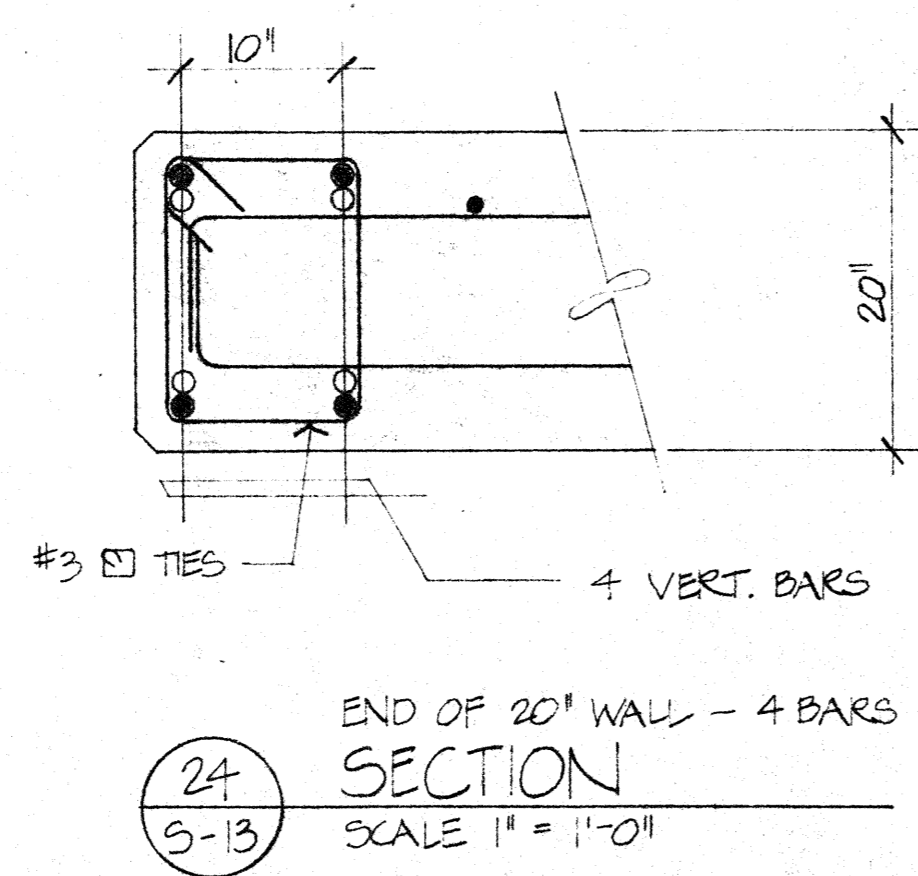
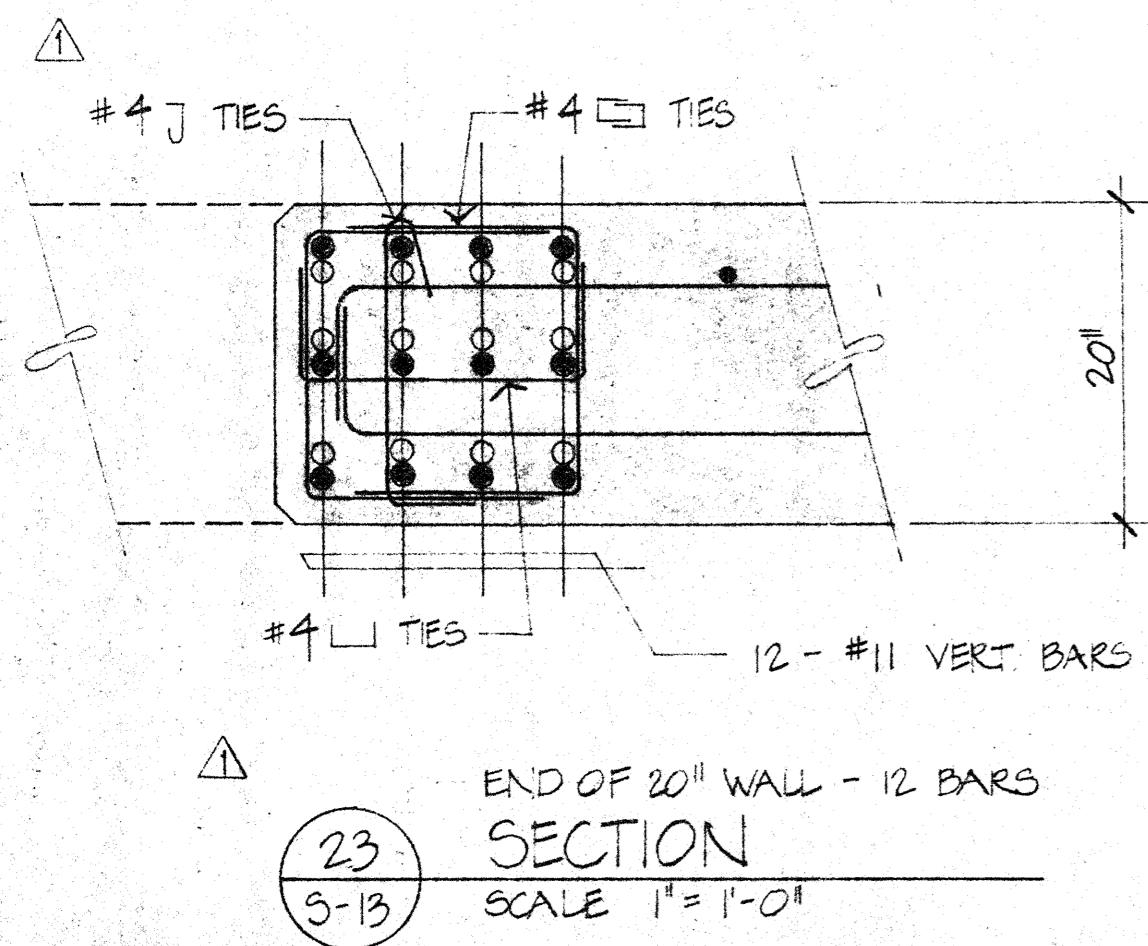
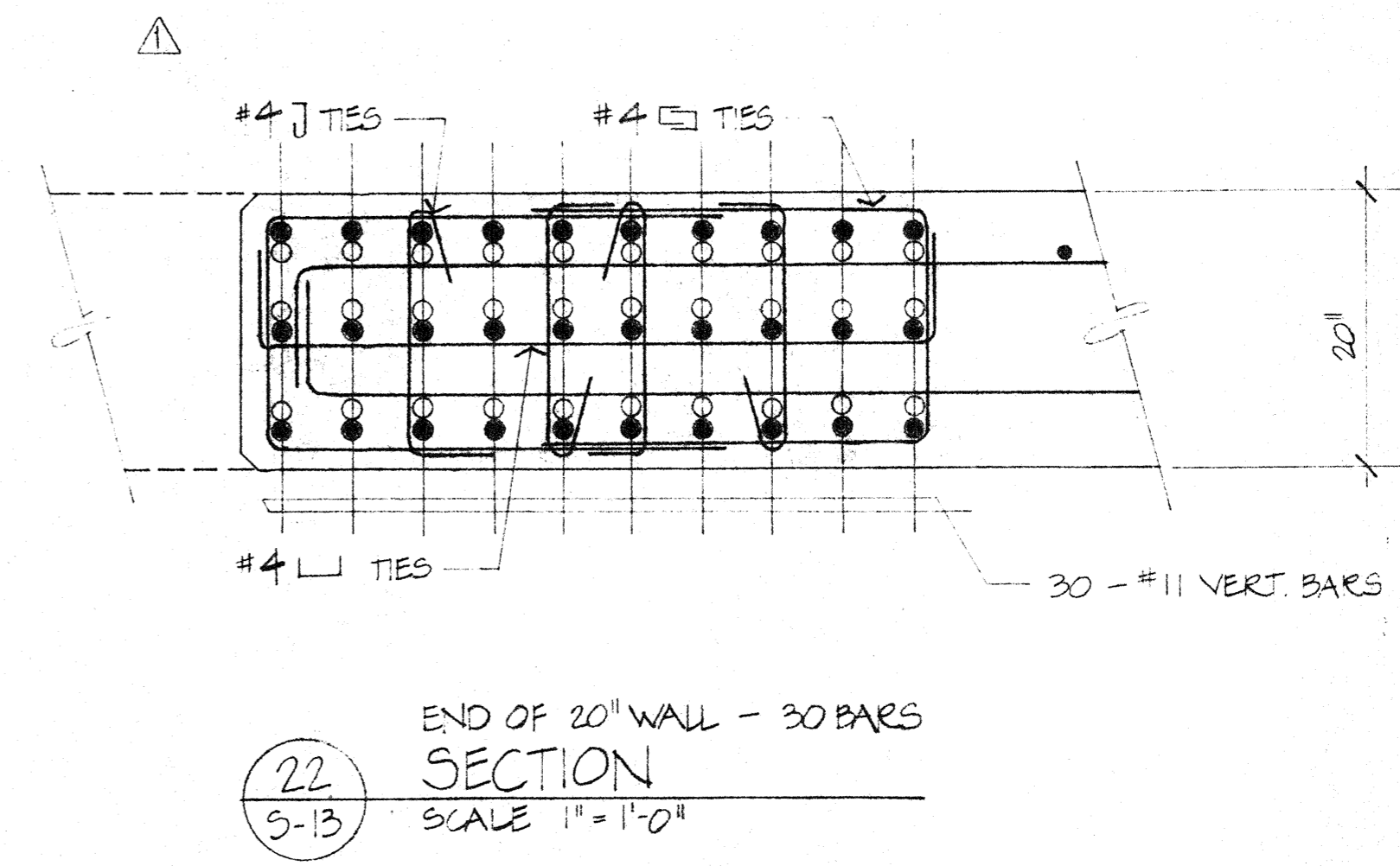
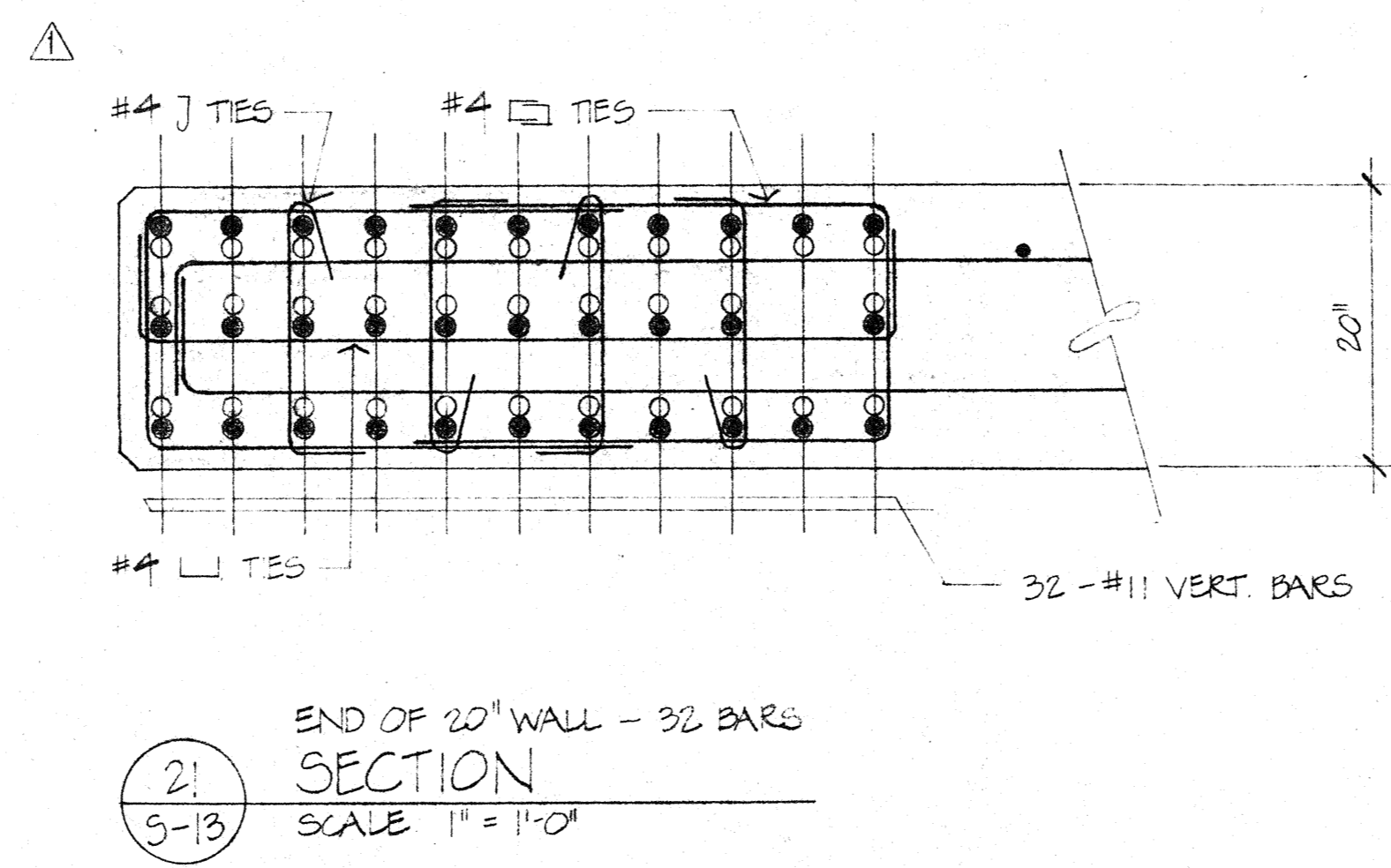
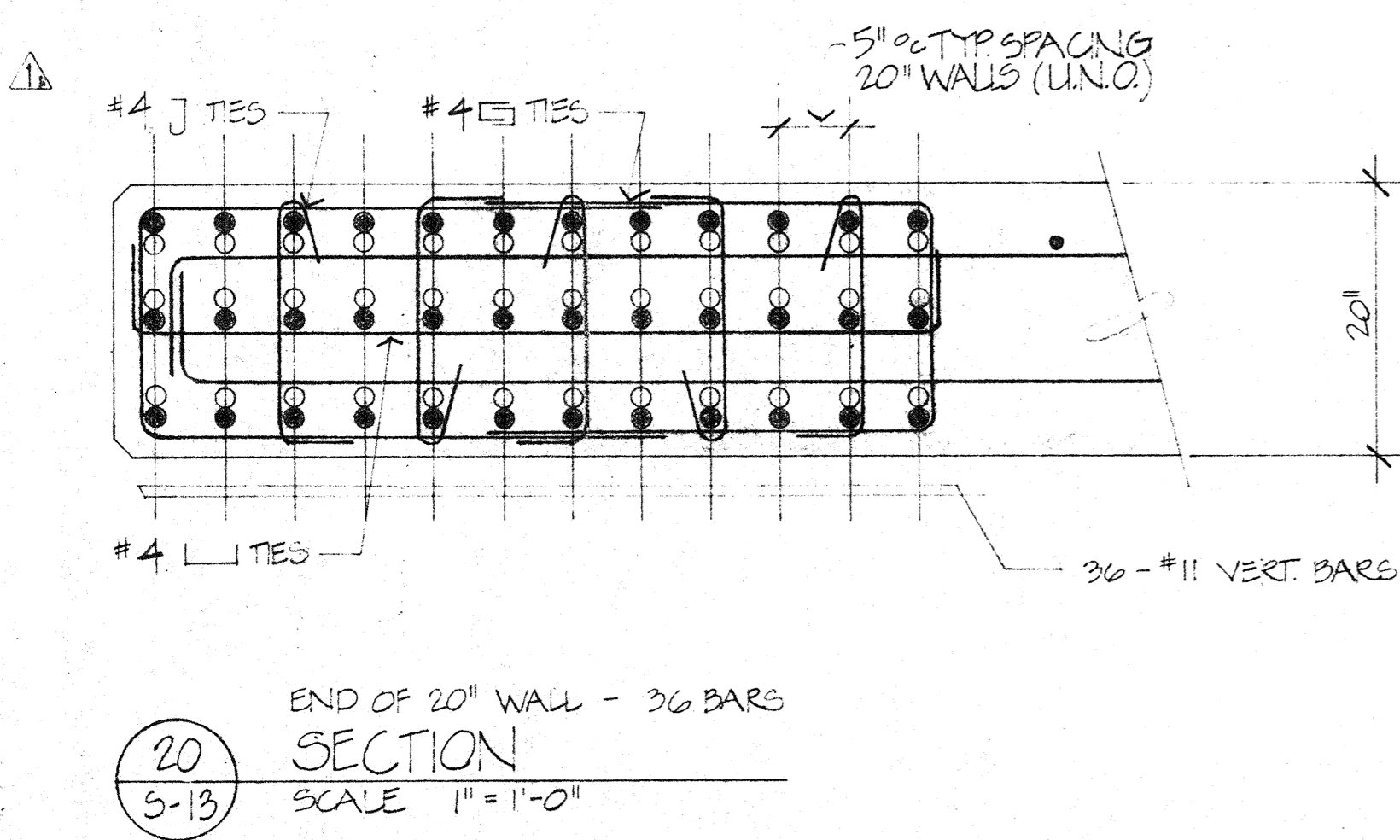
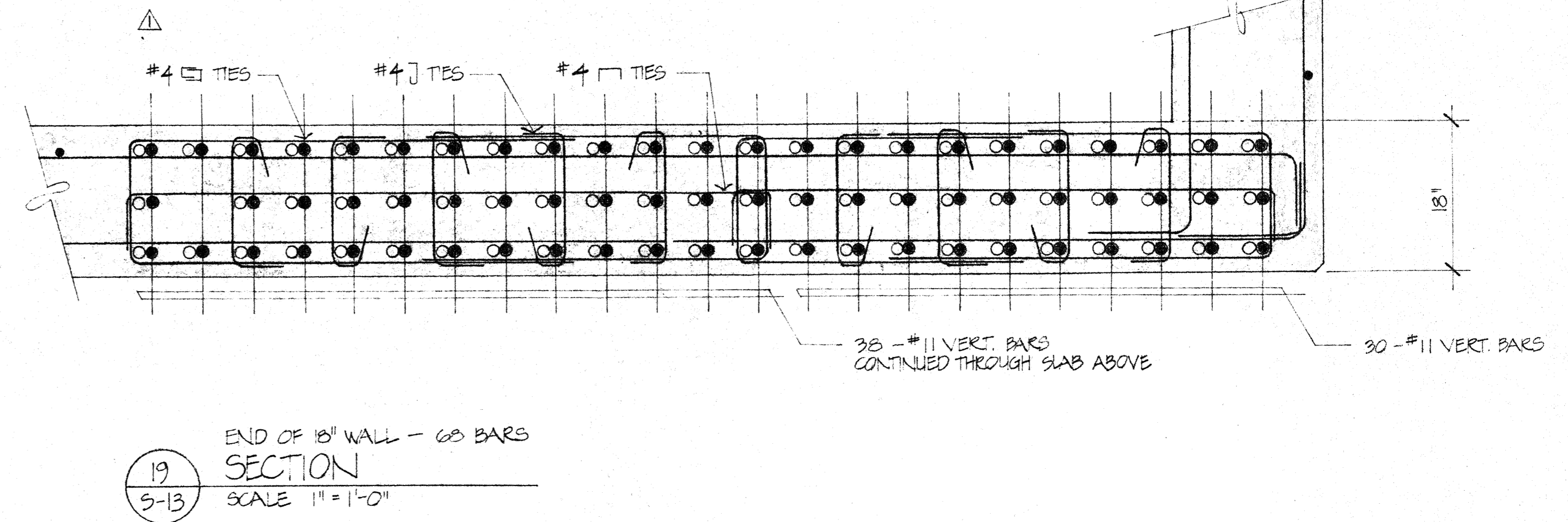
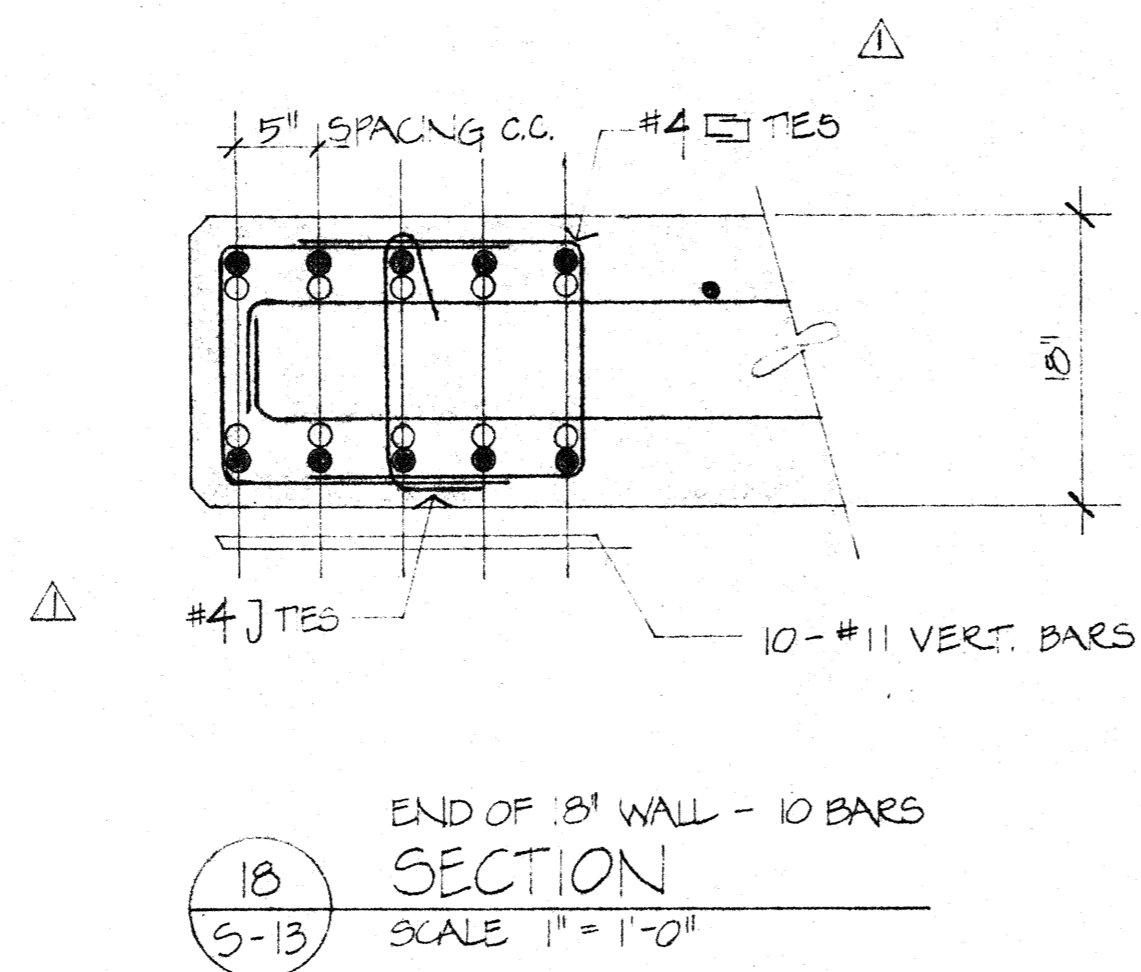
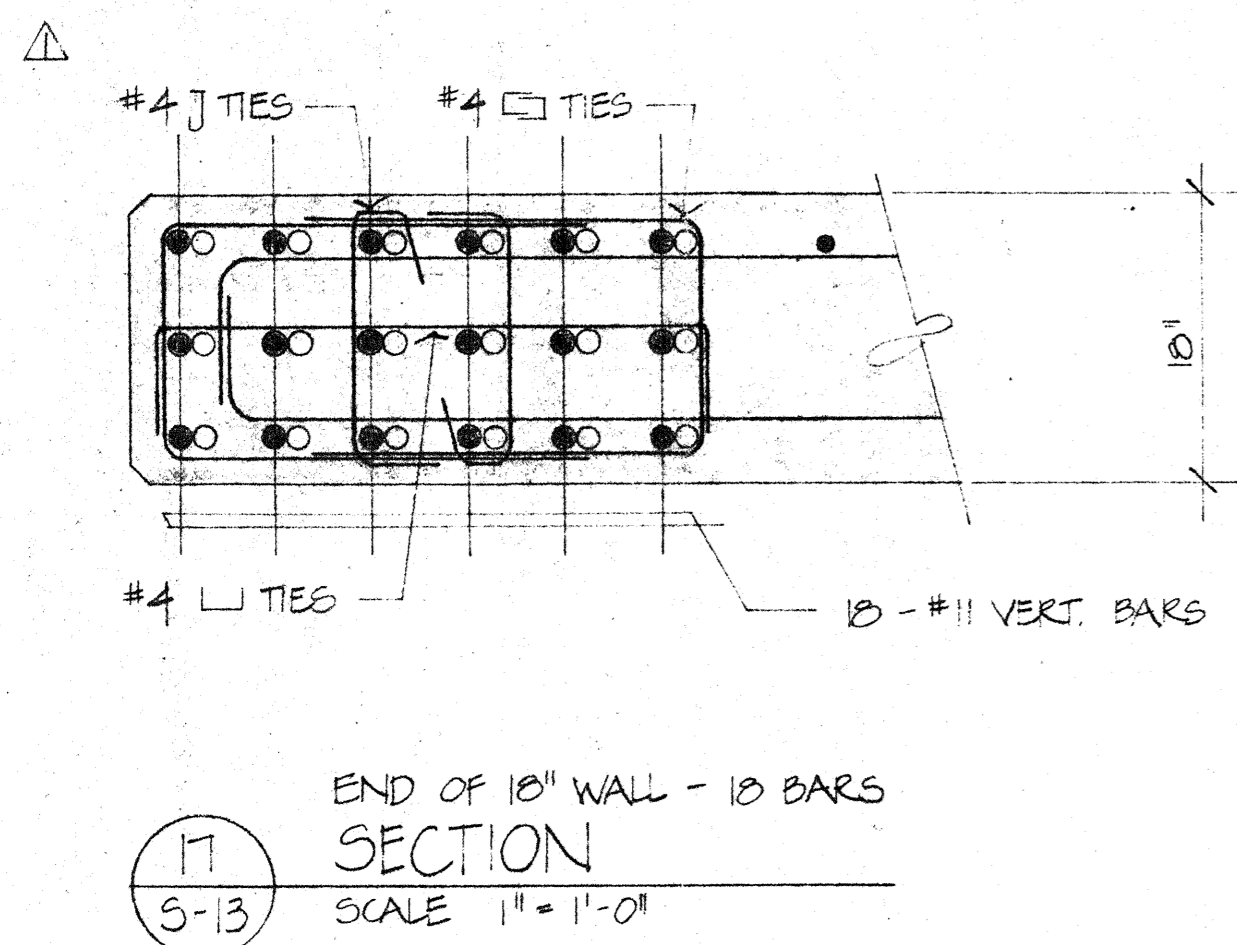
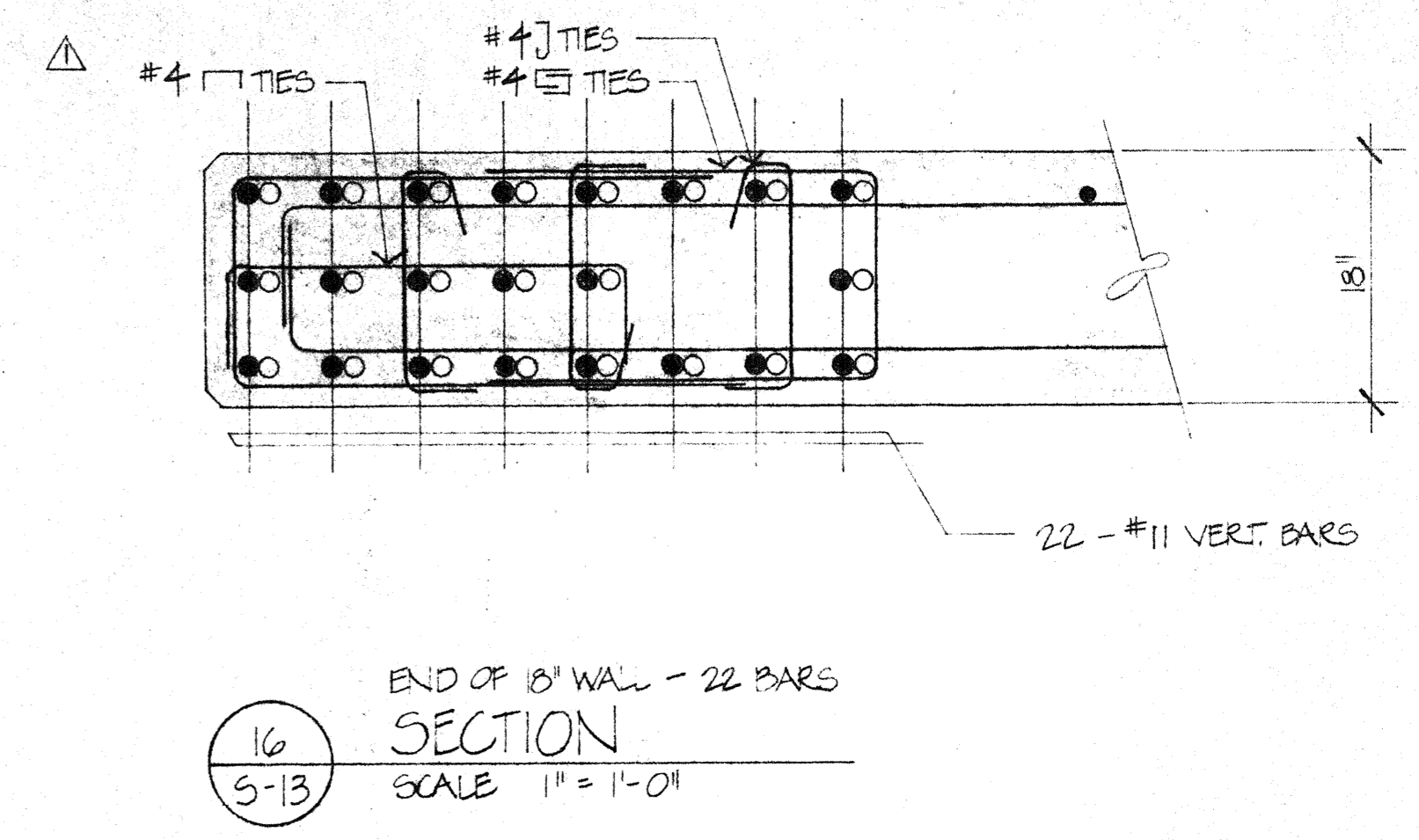
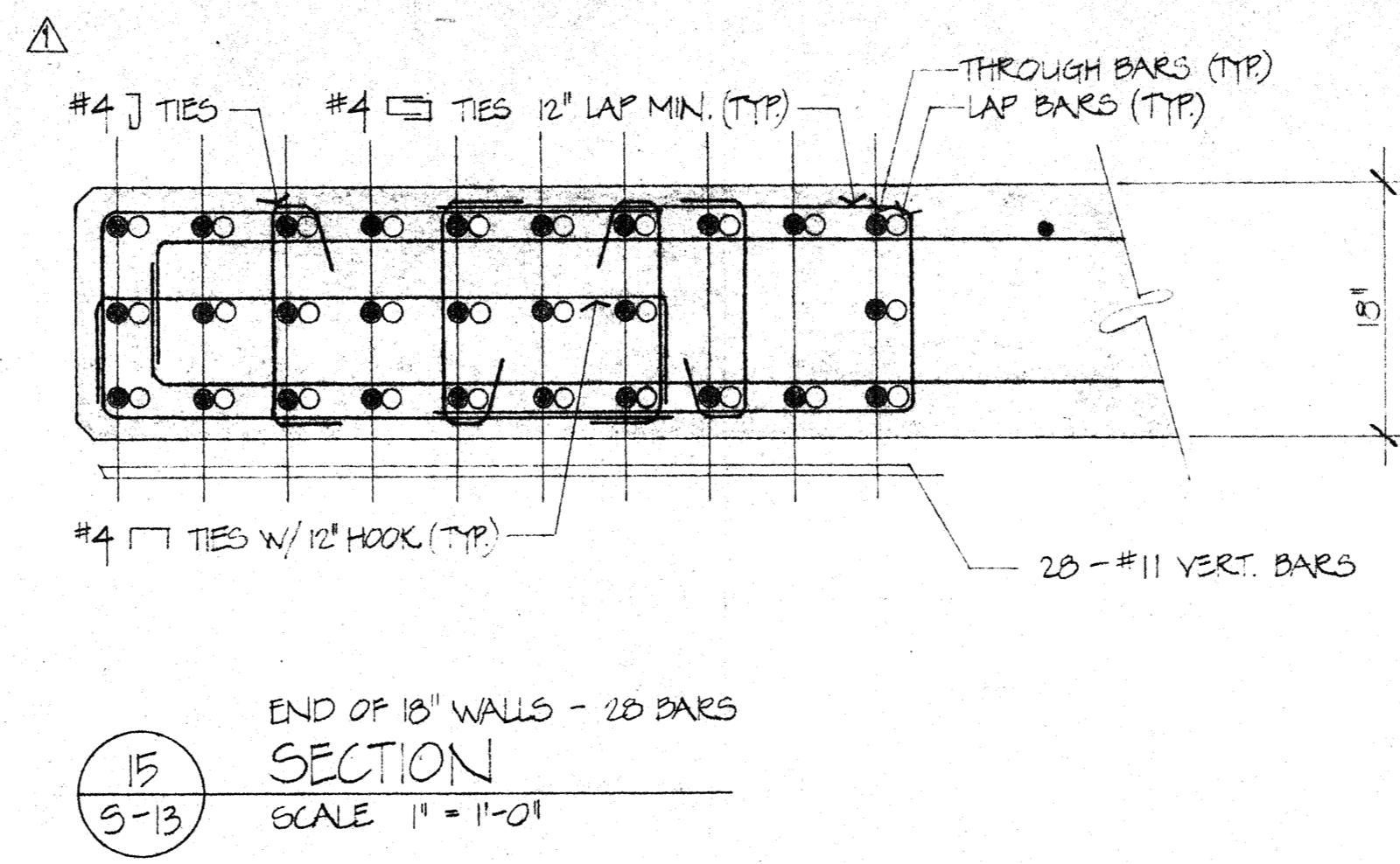
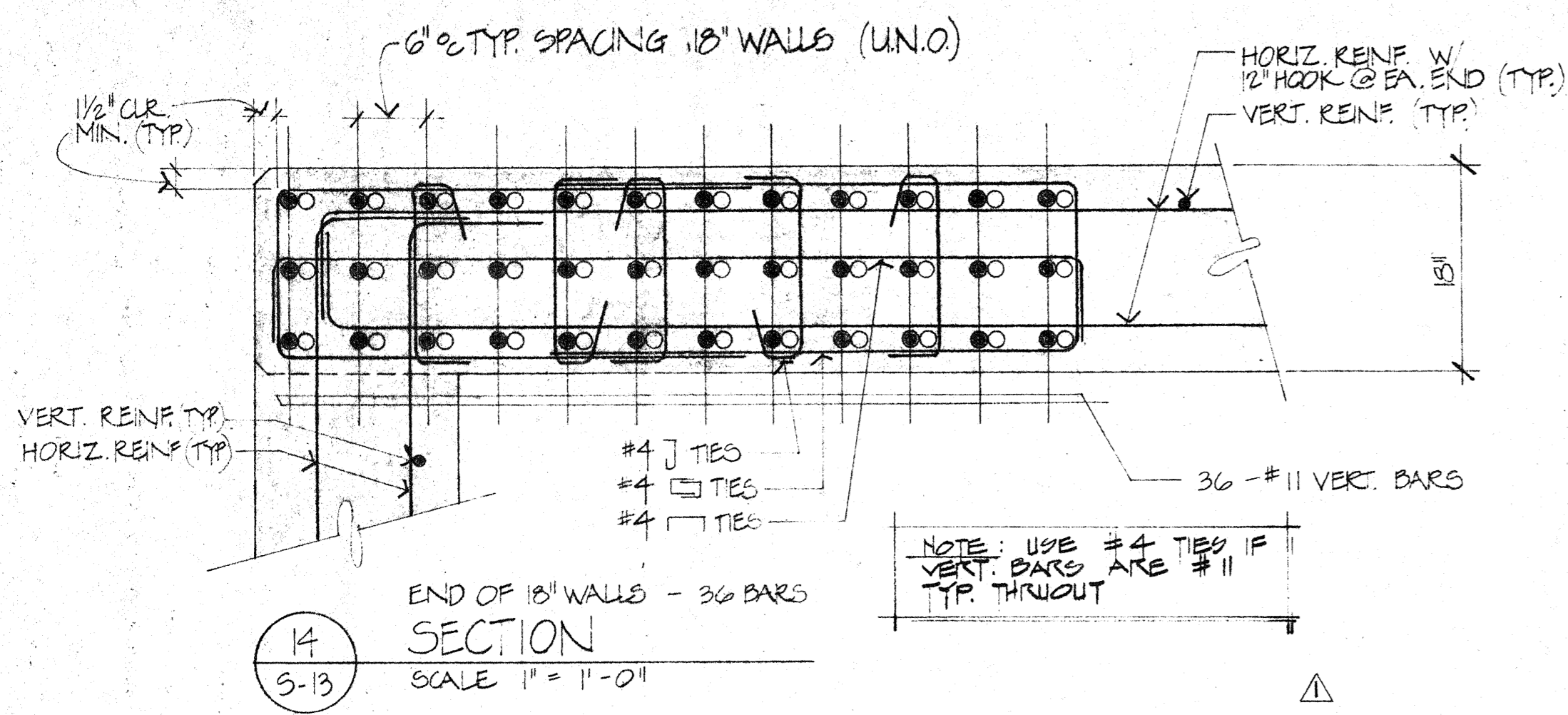
**SCHMITZ DEVELOPMENT INC.**  
CONCRETE DEVELOPERS  
STOCKTON, CA 95207 509-777-9871

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

**Lawrence Cook**  
Architect  
AIA  
408 353-1500  
20091 Old Santa Cruz Highway  
Los Gatos California 95030

**BLDG. 2**

S-12  
PAGE 44 OF 96 PAGES



DATE 19 OCT 1981  
 REVISIONS  
 1 JAN 7 1982  
 2 JAN 7 1982

REGISTERED PROFESSIONAL ARCHITECT  
 LAWRENCE COOK ARCHITECT  
 CIVIL  
 STATE OF CALIFORNIA  
 15125  
 7 852

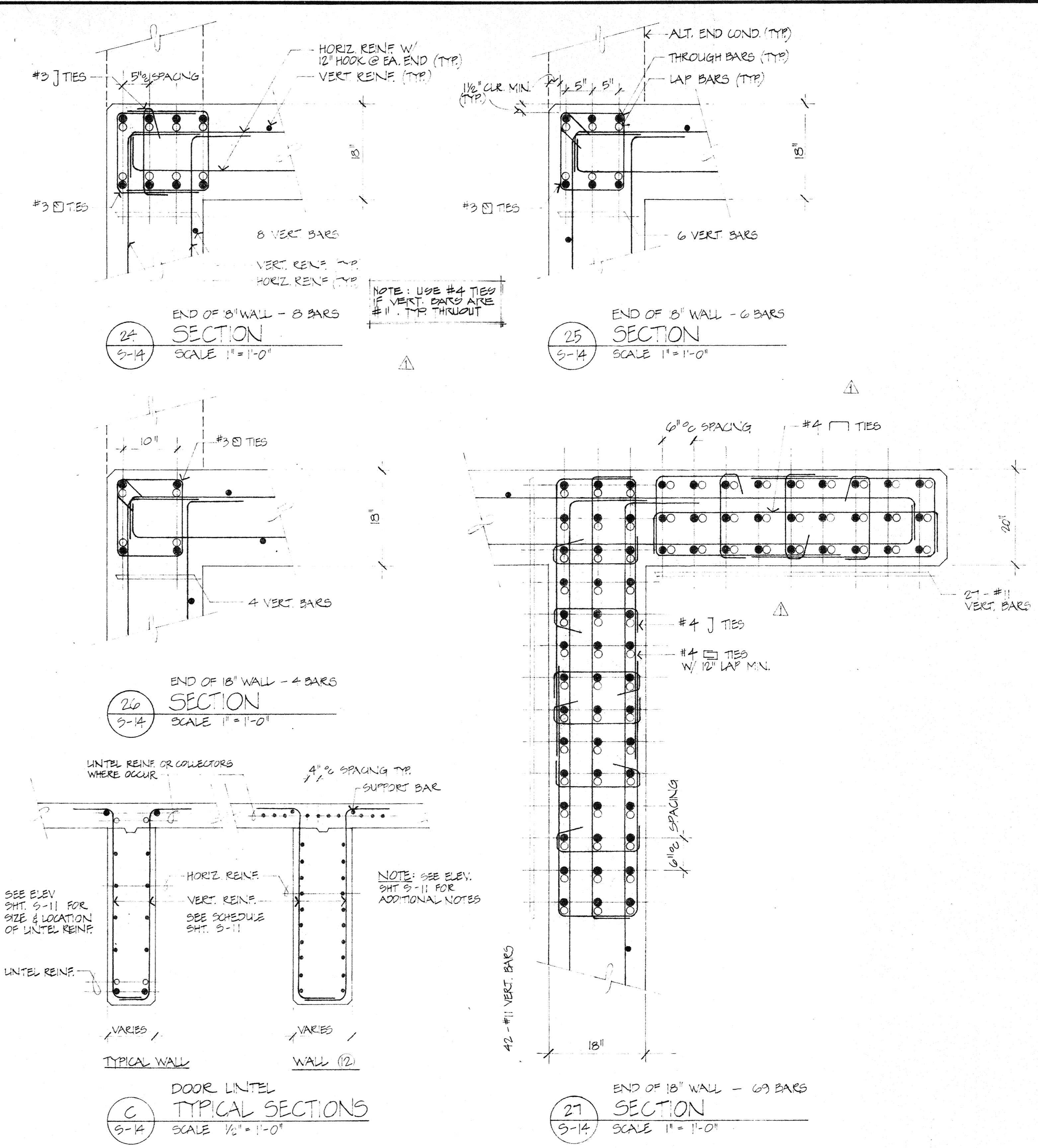
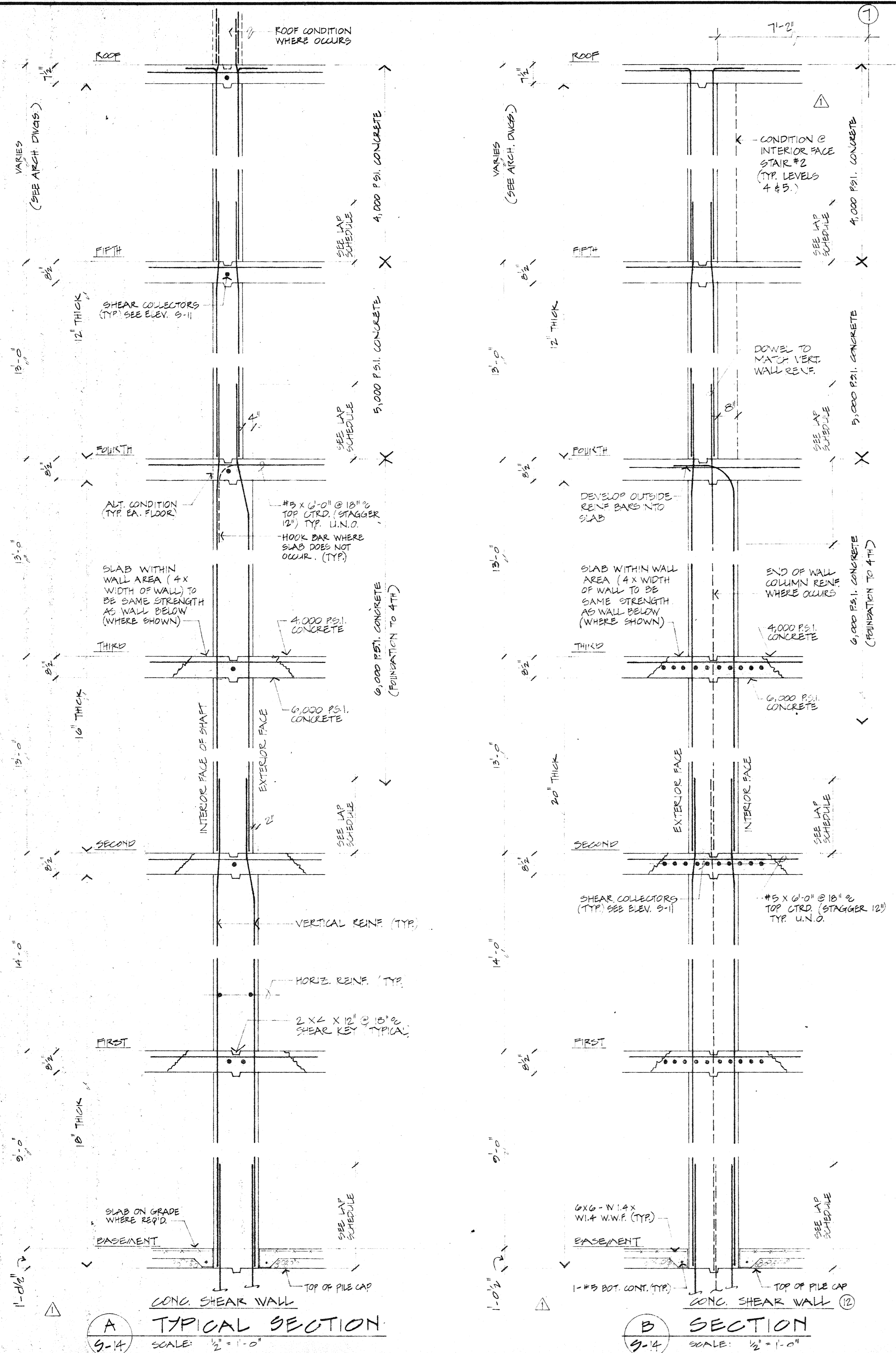
**THE WATERFRONT OFFICE TOWERS**  
 stockton downtown redevelopment  
 weber avenue & lincoln street  
 stockton, california

**SCHMITZ**  
 DEVELOPMENT INC  
 545 ST MARKS PLACE SUITE ONE  
 STOCKTON, CA 95207 208 477-3671

**Lawrence Cook**  
 Architect  
 AIA  
 408 353-1500  
 20091 Old Santa Cruz Highway  
 Los Gatos California 95030

**100**  
 BLDG. 2

S-13  
 PAGE 45 OF 76 PAGES

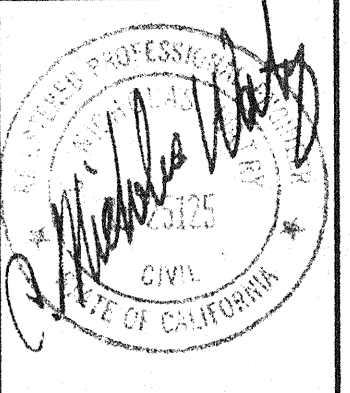


LAP SPICE/ DEVELOPMENT LENGTHS

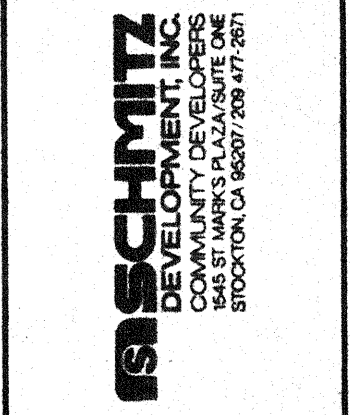
BAR SIZE	END OF WALL COLUMN REINFORCING		HORIZ. & VERT. (MIN.) WALL REINF.	NOTES/REMARKS
	4000 PSI CONCRETE	5000 PSI CONCRETE		
#5	---	---	19"	
6	31"	31"	23"	
7	39"	36"	27"	
8	51"	48"	30"	
9	65"	59"	---	
10	82"	66"	---	
11	101"	82"	---	

Lawrence Cook, Architect, retains all rights and ownership to these documents and disclaims responsibility for any errors or omissions other than the one for which they were specifically prepared.

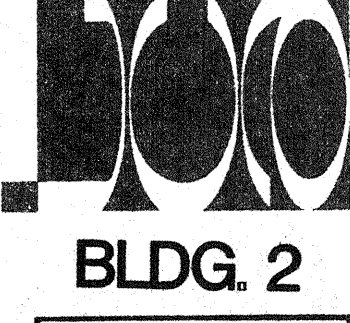
DATE: 15 OCTOBER 1981  
REVISED: JAN 7 1982



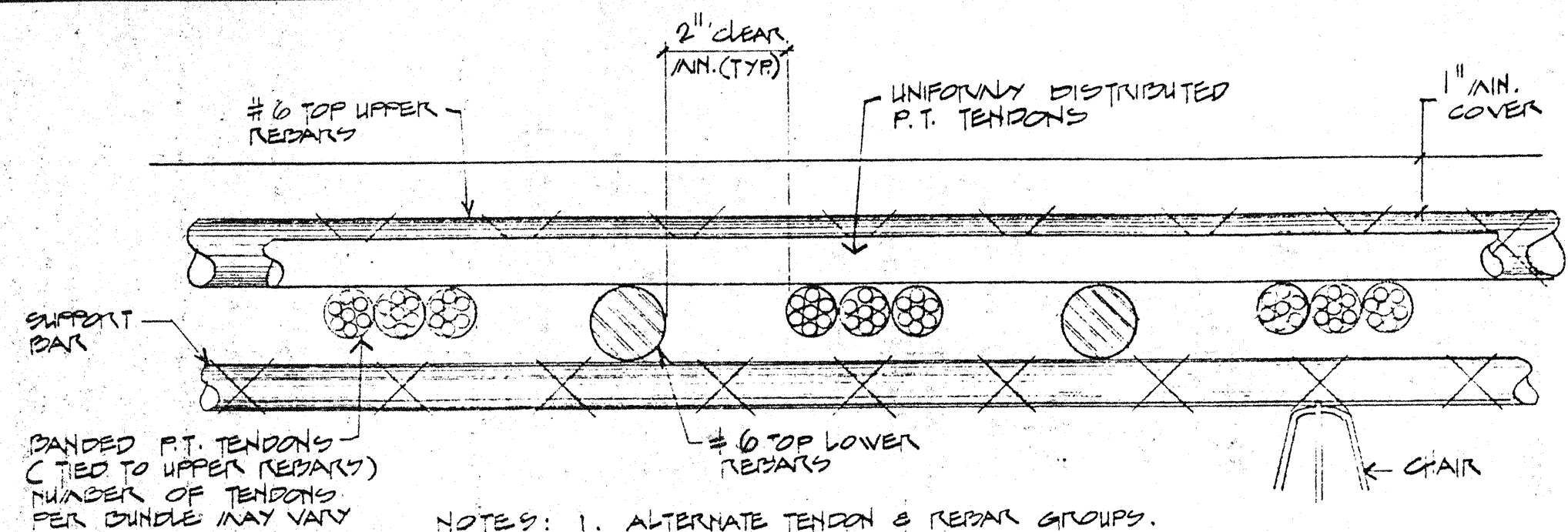
**THE WATERFRONT OFFICE TOWERS**  
stockton downtown redevelopment  
weber avenue & lincoln street  
stockton, california



Lawrence Cook  
Architect  
AIA 408 353-1500  
20091 Old Santa Cruz Highway  
Los Gatos California 95030

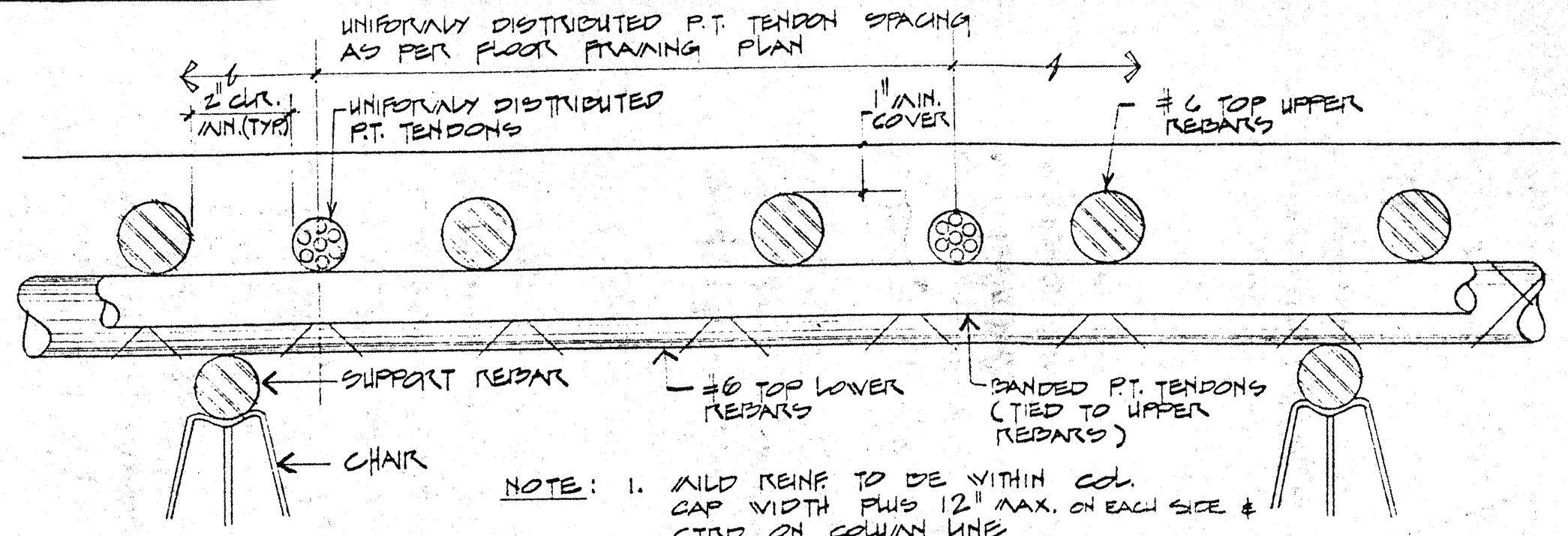


S-14



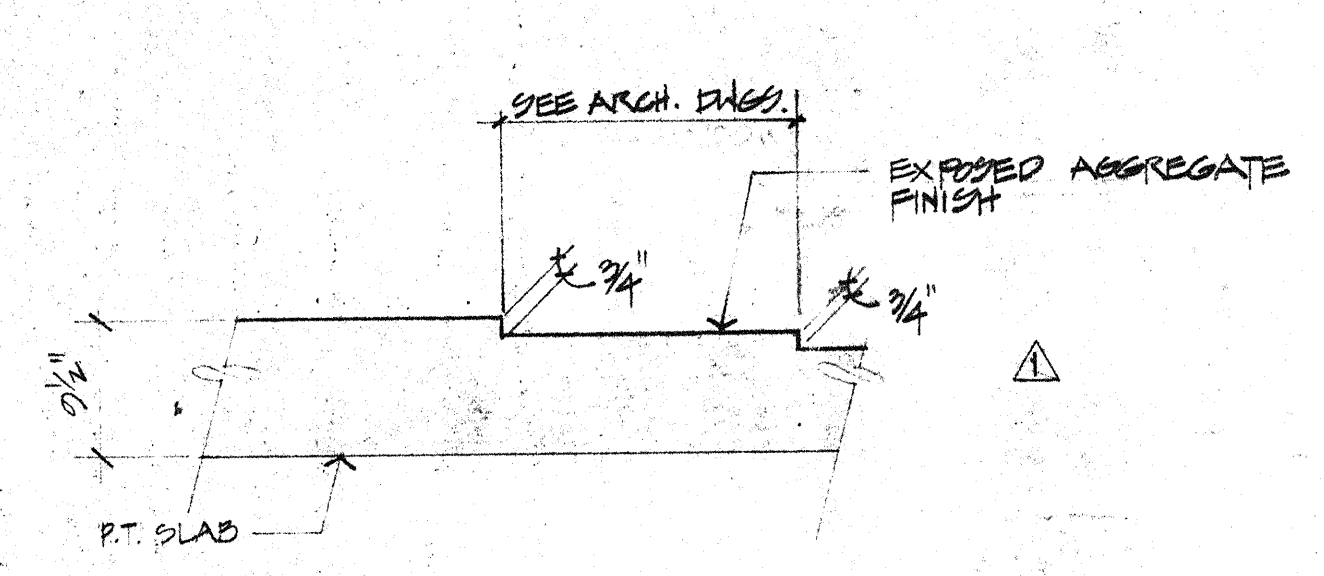
- NOTES:
1. ALTERNATE TENDON & REBAR GROUPS.
  2. FOR QUANTITY AND LENGTH OF REINF. SEE PLAN
  3. REINFORCEMENT TO BE WITHIN COL. CAP WIDTH PLUS 12\"/>

SECTION THRU BEAM STRIP  
GENERAL DETAIL  
NO SCALE

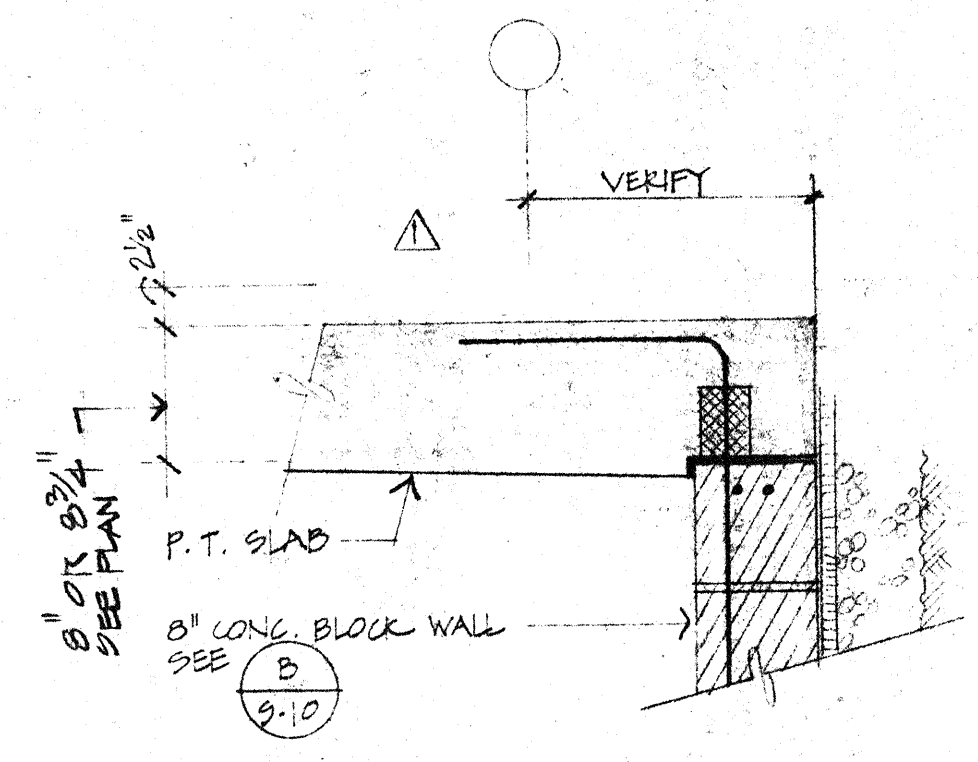


- NOTE:
1. ALL REIN. TO BE WITHIN COL. CAP WIDTH PLUS 12\"/>
  - 2. FOR QUANTITY AND LENGTH OF REINF. SEE PLAN
  - 3. FOR REBAR STAGGER SEE S-2

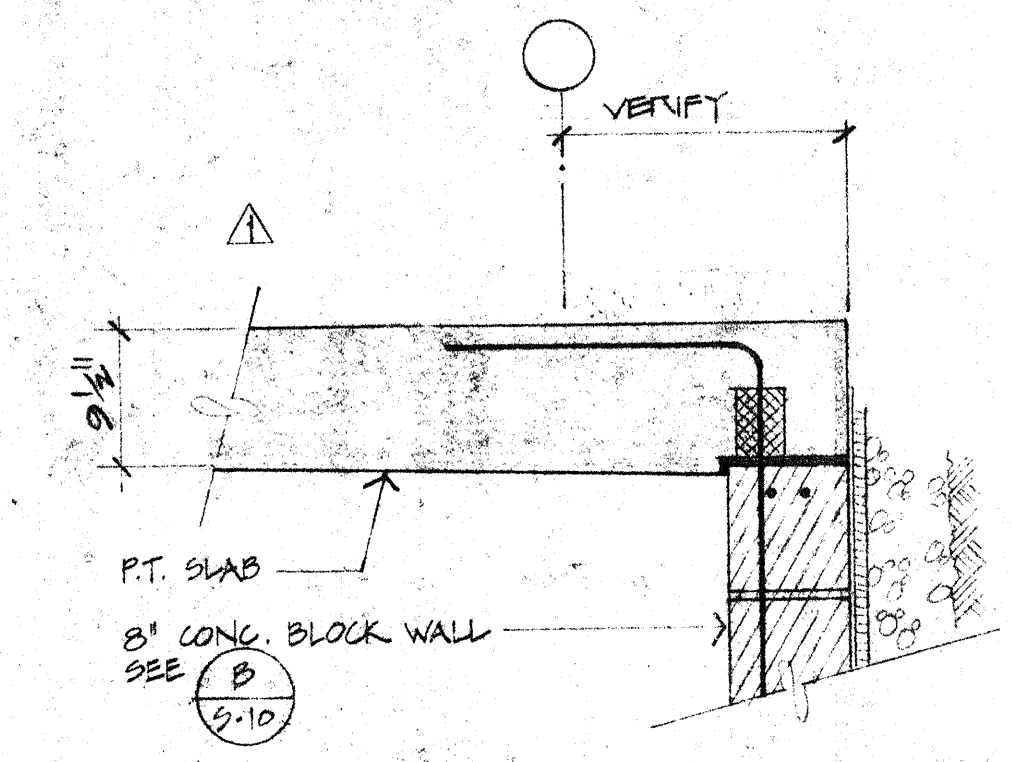
SECTION THRU UNIFORM DIRECTION  
GENERAL DETAIL  
NO SCALE



INTERIOR SLAB  
DETAIL  
SCALE: 1\"/>



TYPICAL EDGE OF SLAB  
DETAIL  
SCALE: 1\"/>



TYPICAL EDGE OF SLAB  
DETAIL  
SCALE: 1\"/>

Lawrence Cook, Architect, retains all rights and ownership in these documents, and disclaims responsibility for their unauthorized use, in whole or in part, for which they were specifically prepared.

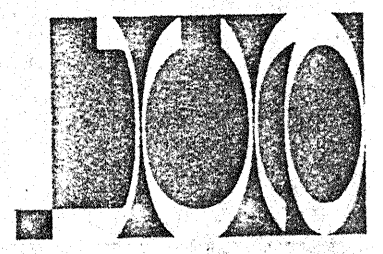
DATE: 15 OCTOBER 1981  
REVISED: JAN 1 / 82

RECEIVED PROFESSIONAL ENGINEER  
NOV 13 1981  
CIVIL  
STATE OF CALIFORNIA

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

**SCHMITZ**  
DEVELOPMENT INC.  
3040 ST MARKS PLACE  
STOCKTON, CA 95210 208-471-2671

Lawrence Cook  
Architect  
AIA 408 353-1500  
20091 Old Santa Cruz Highway  
Los Gatos California 95030



BLDG. 2

S-15  
PAGE 47 OF 96 PAGES

