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# EDMUND S. 'ED' COY PARKING STRUCTURE

## PERMIT SUBMITTAL

for

# THE CITY OF STOCKTON

OFFICE COPY

MARCH 11, 2005

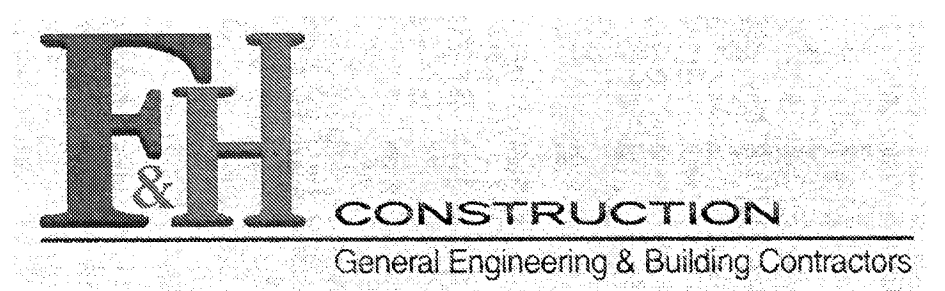
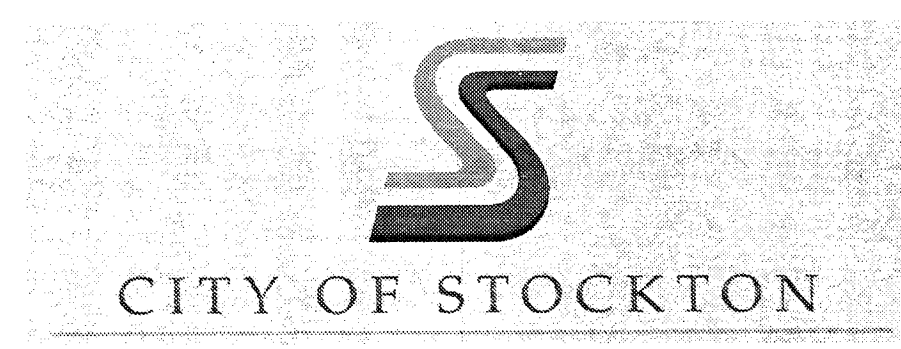
OFFICE COPY

This set of plans and calculations MUST be kept on the job at all times and it is unlawful to make any changes or alterations on same without written permission from Building Inspection, City of Stockton.  
APPROVED Date 3-1  
By [Signature] Permit No. 04-9125  
The stamping of this plan and specifications SHALL NOT be held to permit or to be an approval of the violation of any provisions of any Ordinance or Law. Occupancy of structure not permitted until after final approval.

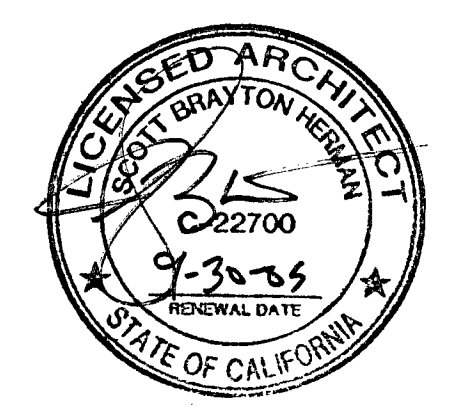
04-9125

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130 N. Hunter St



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**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:

**Architect - Parking Consultant**  
 HNA / Pacific  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670

**Design Architect**  
 Worell Matthews Bowe  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110

**Structural Engineer**  
 Jessen-Wright Structural Engineers  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

**Civil Engineer**  
 Siegfried Engineering, Inc.  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

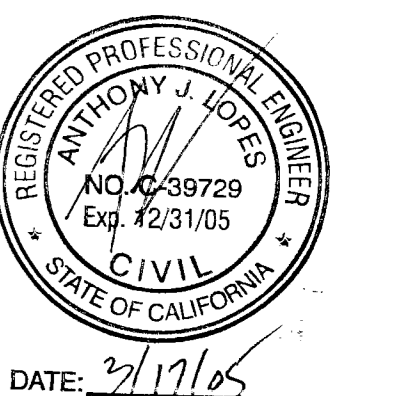
**Plumbing Designer - Design/Builder**  
 HRM Plumbing  
 9650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

**Electrical Designer - Design/Builder**  
 Collins Electrical  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.3691

**Mechanical Designer - Design/Builder**  
 Comfort Air  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601

CONST. DOCUMENTS

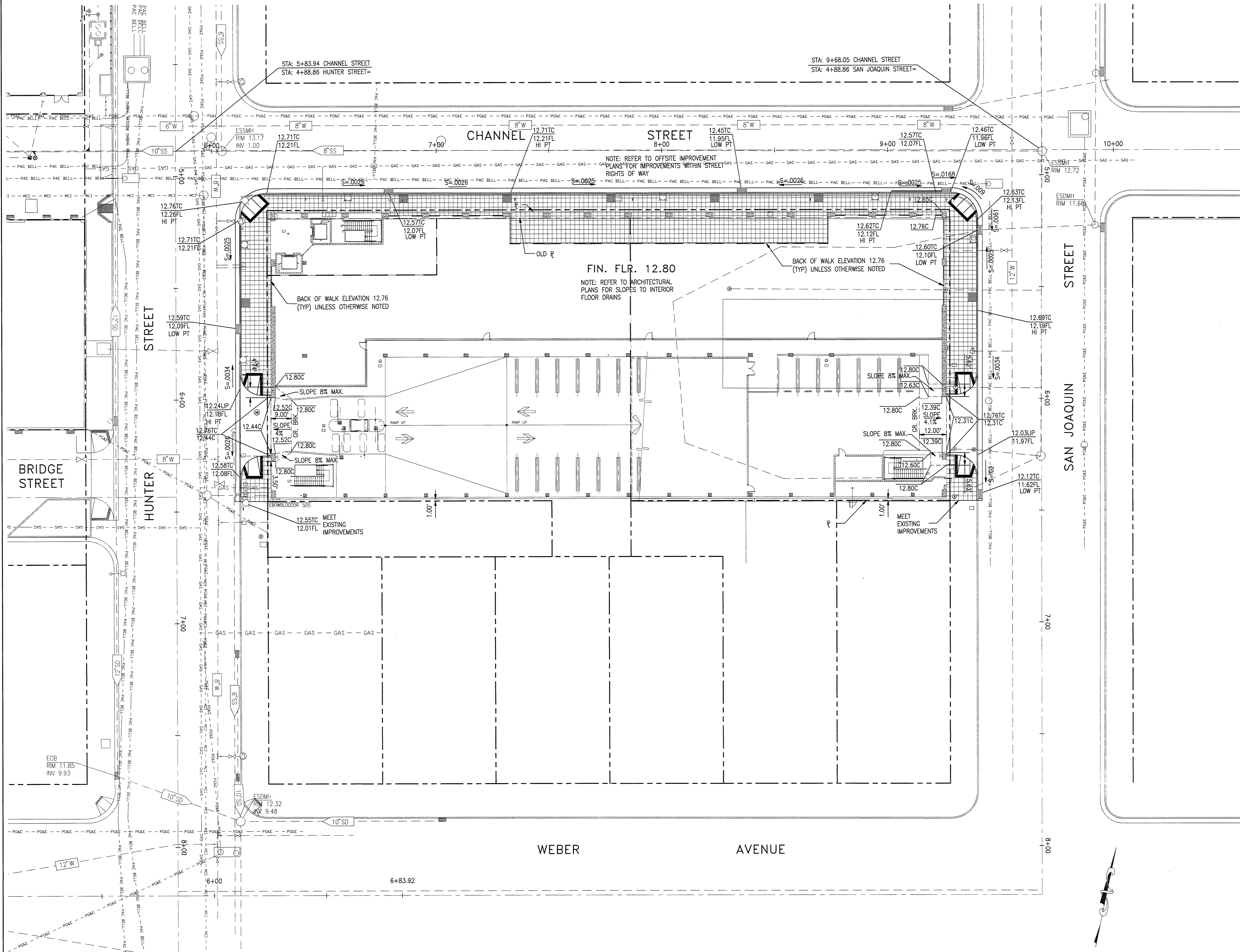
REVISIONS:  
 ADD ELEVATION INFORMATION @ DW'S 3-11-05 GE



SHEET TITLE  
**SITE PLAN**

DATE	SCALE
DRAWN BY	AS NOTED
DRAWING NO.	CHECKED BY
PROGRAM NO.	SHEET
DRAWING NO.:	R. NO.
PROJECT NO.:	HNA 2319

C-1



SCALE: 1/16"=1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:  
 Architect - Planning Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670

Design Architect  
**Worrell Matthews Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110

Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

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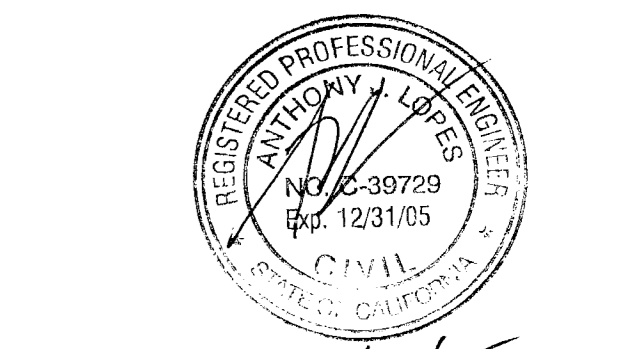
Plumbing Designer - Design/Builder  
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 Stockton, California 95203  
 209.466.3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Tumble Road  
 Stockton, California 95201  
 209.466.4601

**CONST. DOCUMENTS**

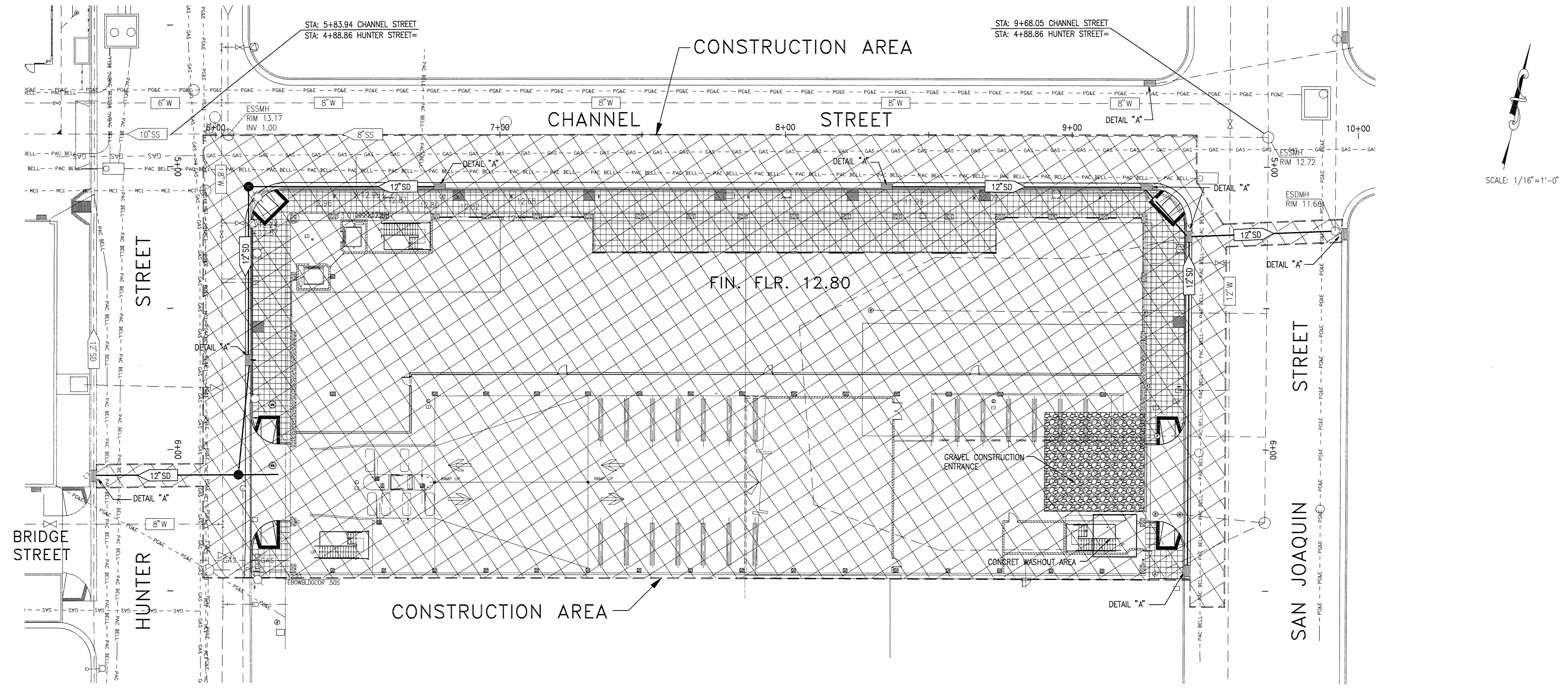
REVISIONS:  
 ADD DETAIL "A" TO 3 CB'S 3-11-05 GE



SHEET TITLE

**EROSION CONTROL PLAN**

DATE	SCALE	AS NOTED
DRAWN BY	CHECKED BY	
DRAWING NO.	SHEET	
PROGRAM NO.	R-NO.	
DRAWING NO.	<b>C-2</b>	
PROJECT NO.	HNA 2319	



**EROSION CONTROL CONSTRUCTION NOTES**

- BMP CA2: PAVING OPERATIONS**
- AVOID PAVING DURING WET WEATHER.
  - USE DRIP PANS UNDER PAVING EQUIPMENT IF LEAKING OIL OR GREASE.
  - DO NOT ALLOW SAND OR GRAVEL PLACED OVER NEW ASPHALT TO WASH INTO CATCH BASINS.
- BMP CA23: CONCRETE WASTE MANAGEMENT**
- PERFORM WASHOUT OF CONCRETE TRUCKS IN DESIGNATED AREAS.
  - DO NOT DUMP EXCESS CONCRETE ON-SITE.
  - TRAIN EMPLOYEES AND SUB-CONTRACTORS IN PROPER CONCRETE WASTE MANAGEMENT.
  - CONTAIN CONCRETE WASTE AND DISPOSE OF PROPERLY.
- BMP ESC21: DUST CONTROL**
- USE REQUIRED DUST CONTROL MEASURES DURING CONSTRUCTION ESPECIALLY DURING GRADING OPERATIONS.
- BMP ESC51/52: SAND BAG OR STRAW BALE BARRIERS**
- USE BARRIERS TO TRAP SEDIMENT GOING INTO CATCH BASINS AND SEDIMENT THAT COULD POTENTIALLY LEAVE THE SITE.
  - SEE THIS SHEET FOR BARRIER DETAILS.
- ADDITIONAL NOTES**
- CONSTRUCTION OPERATIONS- DUST SHALL BE CONTROLLED. WASTEWATER GENERATED DURING CONSTRUCTION SHALL NOT BE DISCHARGED TO THE STORM DRAIN SYSTEM. THIS INCLUDES WASTE FROM PAINTING, SAWCUTTING, CONCRETE WORK ETC. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO ELIMINATE DISCHARGES TO THE STORM DRAIN SYSTEM AND, IF NECESSARY, PROVIDE AN AREA FOR ON-SITE WASHING ACTIVITIES DURING CONSTRUCTION. MATERIALS WHICH COULD CONTAMINATE STORM RUNOFF SHALL BE STORED IN AREAS WHICH ARE DESIGNED TO PREVENT EXPOSURE TO RAINFALL AND TO NOT ALLOW STORM WATER TO RUN ONTO THE AREA.
  - PAVEMENT CLEANING- FLUSHING OF STREETS/ PARKING LOTS TO REMOVE DIRT AND CONSTRUCTION DEBRIS IS PROHIBITED UNLESS PROPER SEDIMENT CONTROLS ARE USED. PREFERABLY, AREAS REQUIRING CLEANING SHOULD BE SWEEPED.

**EROSION CONTROL GENERAL NOTES**

THE FOLLOWING PLANS ARE ACCURATE FOR EROSION CONTROL PURPOSES ONLY. THE CONTRACTOR SHALL FOLLOW THESE PLANS UNLESS FIELD CONDITIONS DICTATE MODIFICATION. IF MODIFICATION IS NECESSARY, A SWPPP AMENDMENT MUST BE DONE. THIS MAY REQUIRE MODIFICATION TO THESE DRAWINGS AND ENGINEER CONCURRENCE.

SANDBAGS SHALL BE WOVEN GEOTEXTILE FABRIC. CONSTRUCT ON GENTLY SLOPING STREETS WHERE WATER CAN POOL AND ALLOW SEDIMENT TO SEPARATE OUT OF SUSPENSION. LEAVE A GAP OF ONE BAG IN THE MIDDLE OF THE TOP ROW OF BAGS TO SERVE AS THE SPILLWAY. SPILLWAY HEIGHT SHALL BE LOWER THAN CURB HEIGHT & SUFFICIENT IN SIZE TO PASS FLOWS FROM SEVERE STORM EVENTS. FILL BAG WITH 3/4" DRAIN ROCK OR 1/4" PEA GRAVEL. STACK TWO LAYERS OF SANDBAGS, OVER-LAPPING BAGS AND PACK THEM TIGHTLY TOGETHER TO MINIMIZE THE SPACE BETWEEN BAGS.

INSPECT AND REPAIR FILTERS AFTER EACH STORM EVENT. REMOVE SEDIMENT WHEN 1/2 OF THE FILTER DEPTH HAS BEEN FILLED. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA TRIBUTARY TO A SEDIMENT BASIN OR OTHER FILTERING MEASURE. SEDIMENT AND GRAVEL SHALL BE IMMEDIATELY REMOVED FROM PAVEMENT OF ROAD.

ALTERNATE INLET PROTECTION SHALL BE USED ON ROADS OPEN TO THE PUBLIC IF ANY HAZARDOUS MATERIALS OR WASTES WHICH HAVE BEEN TREATED, STORED, DISPOSED, SPILLED, OR LEAKED IN SIGNIFICANT QUANTITIES ONTO THE CONSTRUCTION SITE, THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE THEM FROM THE SITE AND DISPOSE OF PROPERLY.

POTENTIAL NON-STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION SITE INCLUDE RUNOFF FROM VEHICLE/MACHINERY WASHING, CONCRETE TRUCK WASH WATER, SAW-CUT SLURRY, HIGHLY CHLORINATED PIPE FLUSHING WATER, AND OTHER PROCESS WATER DISCHARGES MAY BE DISPOSED THIS WATER INTO THE SANITARY SEWER SYSTEM UPON APPROVAL OF THE CITY OF STOCKTON MUNICIPAL UTILITY DEPARTMENT.

CHLORINATED OR DECHLORINATED WATER SHALL NOT BE DISCHARGED INTO THE STORM DRAIN SYSTEM. THE CONTRACTOR MAY DISPOSE THIS WATER INTO THE SANITARY SEWER SYSTEM UPON APPROVAL OF THE CITY OF STOCKTON MUNICIPAL UTILITY DEPARTMENT.

THE CONTRACTOR SHALL IMPLEMENT THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY FEASIBLE AND THE BEST CONVENTIONAL POLLUTANT CONTROL TECHNOLOGY TO REDUCE OR ELIMINATE STORM WATER POLLUTION.

THE CONTRACTOR SHALL KEEP MAINTENANCE, INSPECTION, AND REPAIR PROCEDURES TO ENSURE THAT ALL GRADED SURFACES, WALLS, BERMS, DRAINAGE STRUCTURES, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES, AND OTHER CONTROLS ARE MAINTAINED IN GOOD AND EFFECTIVE CONDITION AND ARE PROMPTLY REPAIRED OR RESTORED WHEN NECESSARY. ANY DEWATERING WATER SHALL NOT BE DISCHARGED DIRECTLY INTO THE STORM WATER SYSTEM, AND SHALL NOT BE DISCHARGED INTO THE SEWER SYSTEM.

ALL DEWATERING WATER MUST BE CHANNELLED THROUGH AN APPROVED SEDIMENT BARRIER PRIOR TO THE WATER ENTERING THE STORM SYSTEM.

**MONITORING PROGRAM FOR POLLUTANTS NOT VISUALLY DETECTABLE IN STORM WATER:**

THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION SHALL CONTACT A QUALIFIED WATER QUALITY TESTING COMPANY AND ESTABLISH AN EMERGENCY TESTING PROCEDURE.

IF A SITE BMP HAS FAILED OR BEEN BREACHED IN ANY WAY THE CONTRACTOR SHALL DO THE FOLLOWING:

- REPAIR THE FAILED/BREACHED BMP IMMEDIATELY AND DETERMINE IF ADDITIONAL BMP'S ARE NECESSARY.
- CLEAN UP THE POLLUTANT AND DETERMINE IF THE POLLUTANT HAS REACHED THE STORM WATER SYSTEM. IF IT HAS REACHED THE STORM SYSTEM THE CONTRACTOR SHALL DO THE FOLLOWING:
  - CONTACT THE GENERAL CONTRACTOR'S WATER QUALITY TESTING AGENCY TO COME AND COLLECT THE APPROPRIATE STORM WATER SAMPLES.
  - THE SAMPLES SHALL BE COLLECTED DURING THE FIRST 2 HOURS OF THE SUCCEEDING STORM OR DURING THE EVENT THE FAILURE OCCURRED. THE SAMPLES SHALL BE COLLECTED FROM THE STORM DRAIN THAT IS MOST LIKELY TO RECEIVE THE POLLUTANTS.
  - THE SAMPLES SHALL BE COLLECTED USING FIELD ANALYSIS OR THROUGH LABORATORY ANALYSIS.
  - THE WATER QUALITY TESTING COMPANY SHALL DETERMINE THE SAMPLE SIZE, NUMBER OF SAMPLES, AND COLLECTION TECHNIQUE THAT IS APPROPRIATE FOR THE POLLUTANT THAT HAS POTENTIALLY REACHED THE STORM SYSTEM BASED ON THE PROCEDURES SET FORTH IN 40 CFR PART 136. THE FOLLOWING ARE EXAMPLES OF SOME BUT NOT ALL POLLUTANTS THAT ARE TYPICALLY FOUND IN INFRASTRUCTURE CONSTRUCTION MATERIALS THAT COULD REACH THE STORM SYSTEM: CONCRETE WASH WATER, CONCRETE SAWCUTTING WASTE, BITUMINOUS MATERIAL FROM PAVING OPERATIONS, AND POSSIBLE EQUIPMENT OIL LEAKS.
  - A SUFFICIENTLY LARGE SAMPLE OF STORM WATER THAT HAS NOT COME IN CONTACT WITH THE DISTURBED SOIL OR THE MATERIALS STORED OR USED ON-SITE (UNCONTAMINATED SAMPLE) SHALL BE COLLECTED FOR COMPARISON WITH THE DISCHARGE SAMPLE. THE UNCONTAMINATED SAMPLE SHALL BE COMPARED TO THE SAMPLES OF DISCHARGE USING FIELD ANALYSIS OR THROUGH LABORATORY ANALYSIS. ANALYSES MAY INCLUDE, BUT ARE NOT LIMITED TO, INDICATOR PARAMETERS SUCH AS: PH, SPECIFIC CONDUCTANCE, DISSOLVED OXYGEN, CONDUCTIVITY, SALINITY, AND TDS.
  - FOR LABORATORY ANALYSIS, ALL SAMPLING, SAMPLE PRESERVATION, AND ANALYSES MUST BE CONDUCTED ACCORDING TO TEST PROCEDURES UNDER 40 CFR PART 136.
  - DURING THE COLLECTION, TESTING, AND REPORTING PHASES OF THE EVENT PROPER CHAIN OF CUSTODY (COC) FORMS SHALL BE USED AND THIS INFORMATION SHALL BE KEPT IN THE SWPPP ON-SITE AT ALL TIMES.
  - THE SAMPLES SHALL BE TESTED FOR CONSTITUENTS THAT ARE LIKELY TO BE FOUND IN THE POLLUTANT THAT MAY HAVE REACHED THE STORM SYSTEM. THE CONSTITUENTS THAT ARE TO BE OF CONCERN ARE THOSE THAT ARE LIKELY TO IMPACT THE TERMINAL WATER BODY. THIS INFORMATION CAN BE FOUND ON THE IMPACTED WATERWAY CHARTS PUBLISHED BY THE REGIONAL WATER QUALITY CONTROL BOARD.
  - LEVELS THAT EXCEED STATE HEALTH MAXIMUMS, OR IF IMPACTED CONSTITUENTS ARE PRESENT IN THE SAMPLE, CONTACT CITY OF STOCKTON MUNICIPAL UTILITIES, STORM WATER DIVISION.

**GENERAL SAMPLING NOTES:**

CONSTRUCTION MATERIALS AND COMPOUNDS THAT ARE NOT STORED IN WATER-TIGHT CONTAINERS UNDER A WATER-TIGHT ROOF OR INSIDE A BUILDING ARE EXAMPLES OF MATERIALS FOR WHICH THE DISCHARGER MAY HAVE TO IMPLEMENT SAMPLING AND ANALYSIS PROCEDURES IF ACCIDENTALLY DISCHARGED. THE GOAL OF THE SAMPLING AND ANALYSIS IS TO DETERMINE WHETHER THE BMP'S EMPLOYED AND MAINTAINED ON-SITE ARE EFFECTIVE IN PREVENTING THE POTENTIAL POLLUTANTS FROM COMING IN CONTACT WITH STORM WATER AND CAUSING OR CONTRIBUTING TO AN EXCEEDANCE OF WATER QUALITY OBJECTIVES IN THE RECEIVING WATERS. VISUAL OBSERVATIONS BEFORE, DURING, AND AFTER STORM EVENTS MAY TRIGGER THE REQUIREMENT TO COLLECT SAMPLES. ANY BREACH, MALFUNCTION, LEAKAGE, OR SPILL OBSERVED WHICH COULD RESULT IN THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS THAT WOULD NOT BE VISUALLY DETECTABLE IN STORM WATER SHALL TRIGGER THE COLLECTION OF A SAMPLE OF DISCHARGE. SAMPLES SHALL BE COLLECTED AT ALL DISCHARGE LOCATIONS WHICH DRAIN THE AREAS IDENTIFIED BY THE VISUAL OBSERVATIONS AND WHICH CAN BE SAFELY ACCESSED. FOR SITES WHERE SAMPLING AND ANALYSIS IS REQUIRED, PERSONNEL TRAINED IN WATER QUALITY SAMPLING PROCEDURES SHALL COLLECT STORM WATER SAMPLES.

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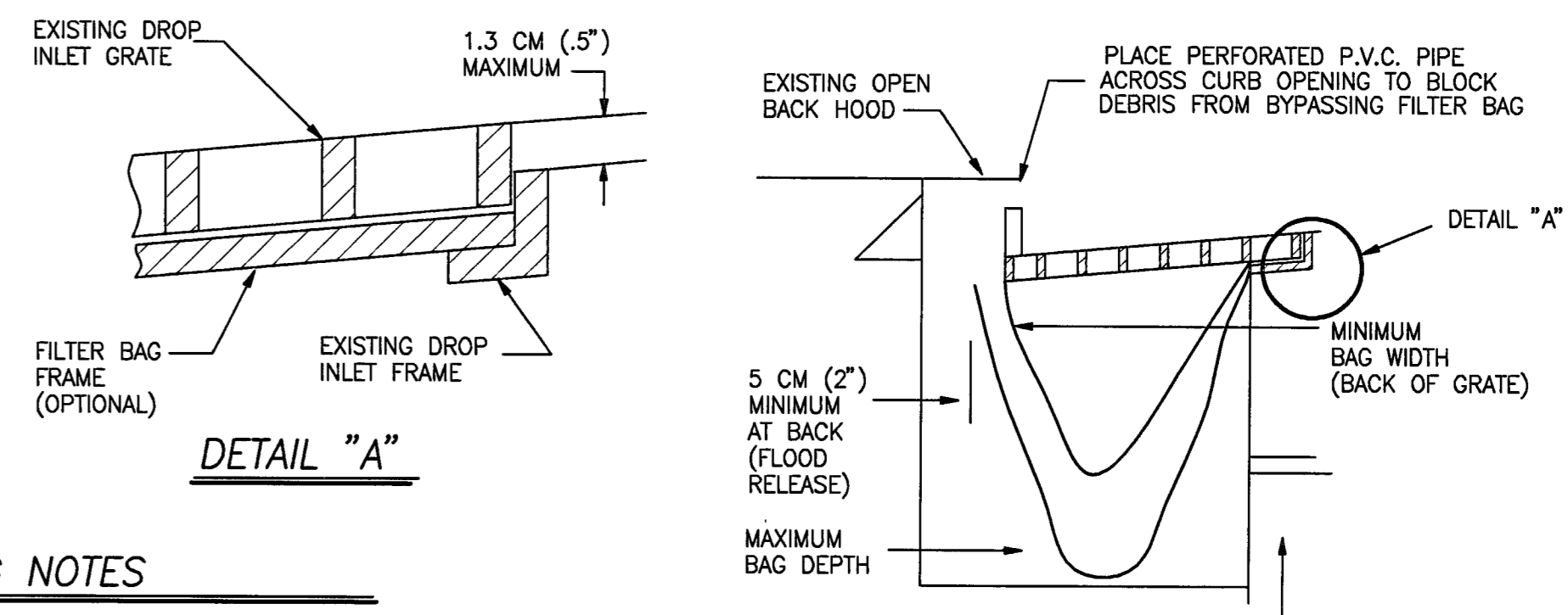
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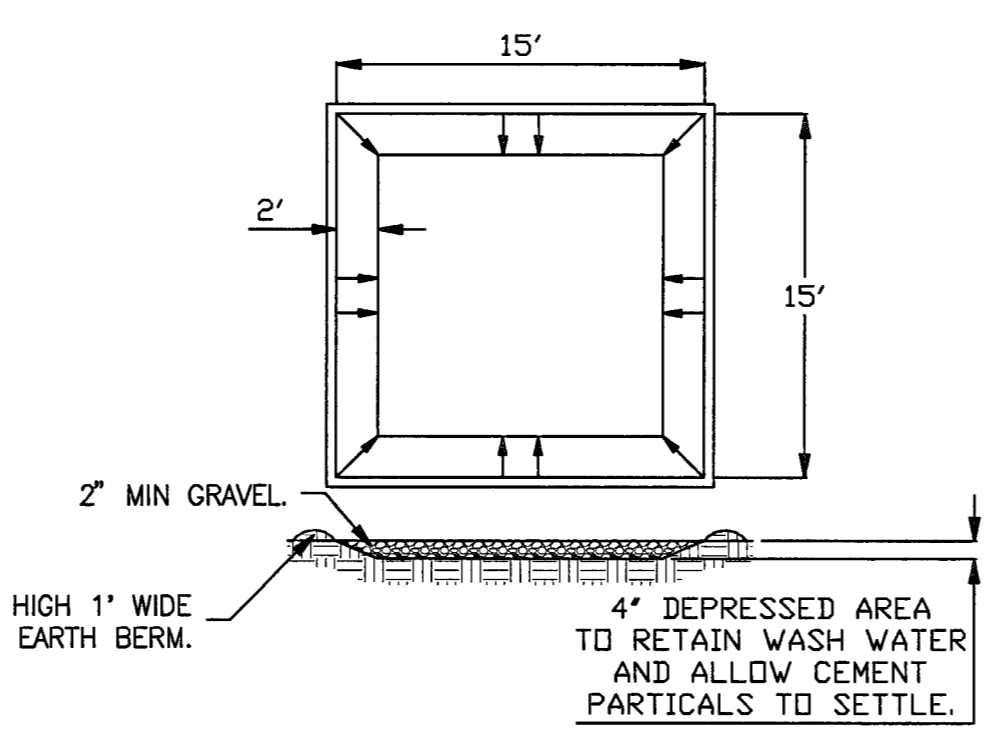
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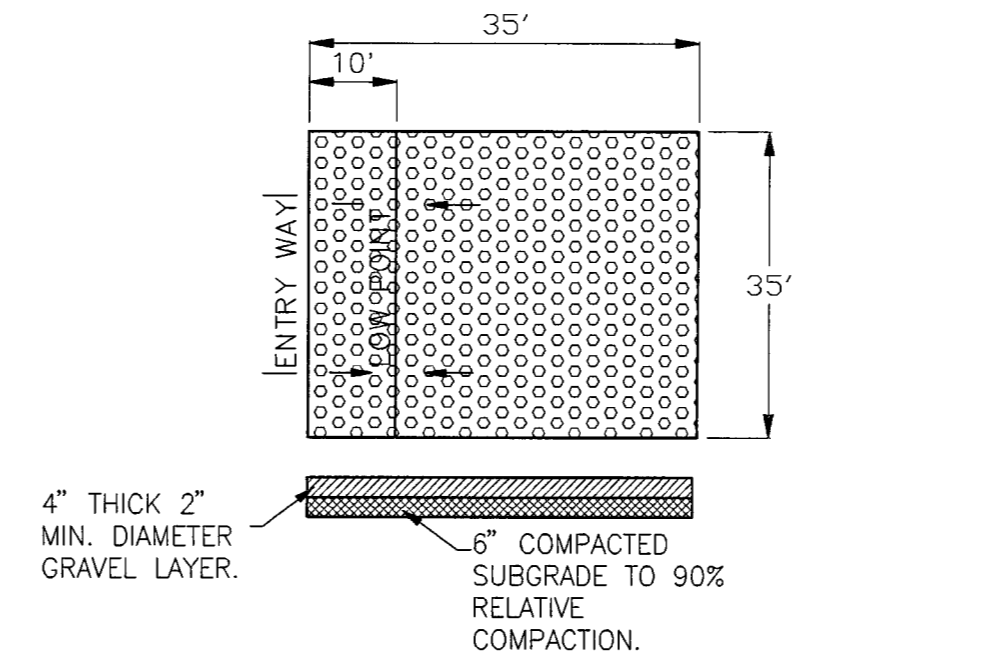


**DETAIL A: CATCH BASIN SEDIMENT PROTECTION**

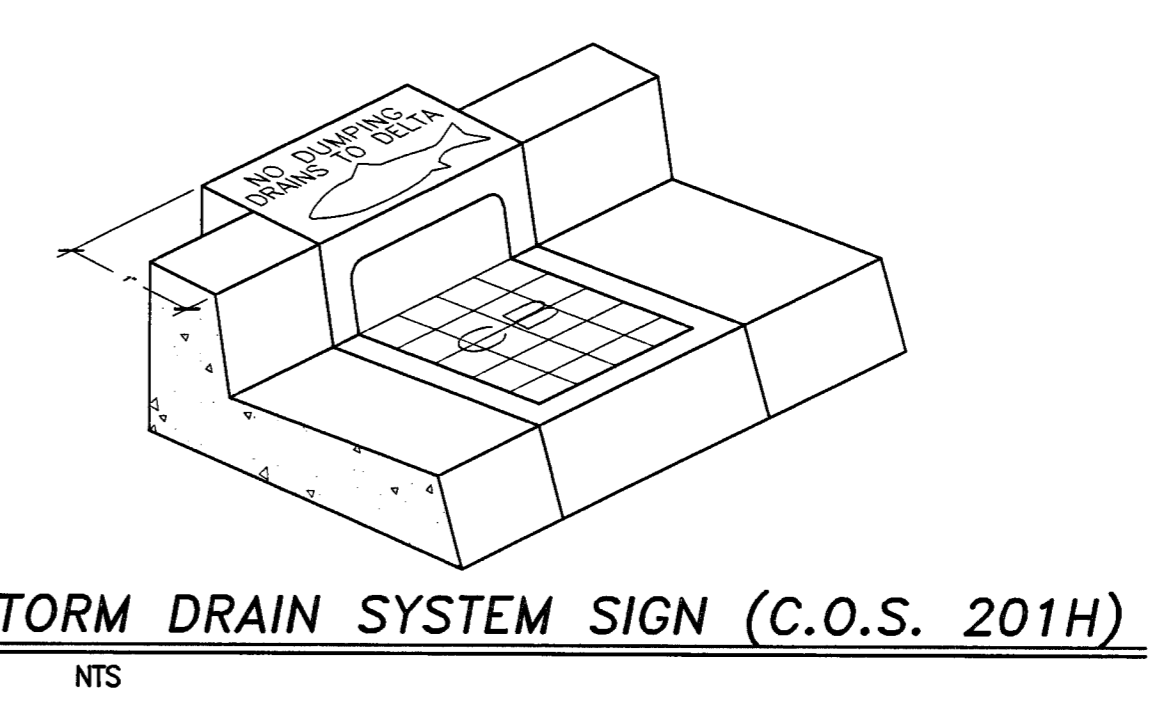
- FILTER BAG NOTES**
- THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN .08 HECTARES (2 ACRES).
  - THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAL FOOT. AN EQUIVALENT OPENING SIZE NOT GREATER THAN A 20 SEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLONS/SQ. FT.
  - THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY EXISTING INLET GRATE (OR OTHER APPROVED METHOD), PROVIDING NO MODIFICATION OR DRAINAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT BE CAUSED TO REST MORE THAN 1.3 CM (.5") ABOVE THE INLET FRAME (SEE DETAIL A).
  - THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
  - FLOWS SHALL NOT BE ALLOWED TO BYPASS THE BAG. THE BAG OR ITS FRAME SHALL CATCH FLOWS AT ALL SIDES OF THE INLET EXCEPT AS SHOWN FOR FLOOD RELEASE.
  - INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS.



**CONCRETE WASHOUT AREA**



**GRAVEL CONSTRUCTION ENTRANCE**



**STORM DRAIN SYSTEM SIGN (C.O.S. 201H)**

**EROSION CONTROL PLAN FOR INFRASTRUCTURE ONLY**

SUPPLEMENTAL NOTES

- 1. ALL DIMENSIONS SHOWN ARE TO THE CENTER LINE OF COLUMNS AND BEAMS, FACE OF CONCRETE BLOCK WALLS, EDGE OF SLAB AND FACE OF STUDS UNLESS OTHERWISE NOTED.

FIRE PROTECTION NOTES

- 1. FIRE PROTECTION SYSTEM MODIFICATIONS TO BE APPROVED BY FIRE PREVENTION DIVISION PRIOR TO INSTALLATION.

FIRE RESISTIVE REQUIREMENTS

Table with columns for item type (A-F), table reference (e.g., TABLE 6-A), and duration (e.g., 3 - HOUR). Includes sub-sections for Structural Frame, Floor Assemblies, Roof Assemblies, Exterior Walls, Interior Walls, Shafts, and Exit Enclosures.

SPECIFIC NOTES

- 1. CODE REQUIREMENTS: This Parking Structure project shall comply with The California Administrative Code (CAC) Title 24, the State of California Building Code, 2001 edition.

Table listing various roles and names: OWNER (City of Stockton), GENERAL CONTRACTOR (F&H Construction), ARCHITECT (HNA/Pacific), DESIGN ARCHITECTS (Wenell Matteis Bowe), STRUCTURAL ENGINEER (Jessen-Wright Structural Engineers), CIVIL ENGINEER (Siegfried Engineering), MECHANICAL DESIGN-BUILDER (Comfort Air), PLUMBING DESIGN BUILDER (HRM Plumbing), ELECTRICAL ENGINEER (Collins Electrical).

DEFERRED SUBMITTALS

The following items shall be provided to the project as "deferred submittals". FIRE PROTECTION SYSTEMS, INCLUDING COMMUNICATION DEVICES STEEL STAIRS. The deferred submittals shall first be submitted to the project architect and/or engineer for review and coordination...

PROJECT DATA

PROJECT DESCRIPTION: The Project is a six level (grade level, and five elevated levels) OPEN PARKING STRUCTURE. PROJECT ADDRESS: XXXX CHANNEL STREET - STOCKTON, CALIFORNIA. OCCUPANCY GROUPS: Occupancy Groups per the California Building Code are: "S-4" - OPEN PARKING STRUCTURE... TYPE of CONSTRUCTION: Type of construction for the project is TYPE I - F.R. AREA of STRUCTURE: The total area of the structure is approximately 224,489 square feet.

DESIGN LOADS: 50 PSF reducible LIVE LOAD parking areas. 100 PSF non-reducible LIVE LOAD in stairs, and commercial spaces.

STRUCTURAL SYSTEM: The Structural system is to consist of a fire resistive concrete frame. Floor framing shall be a pre-cast prestressed beams and/or girders with cast-in-place post-tensioned concrete slabs.

FOUNDATION SYSTEM: The structure will be generally supported on drilled cast-in-place concrete cossions and cast-in-place pile caps and grade beams.

EXITING: OCCUPANT LOAD: 200 square feet per occupant. AREA PER TYPICAL LEVEL: 38,467 gross square feet (LEVEL P-3). NUMBER OF EXITS PROVIDED: TWO exits provided. DISTANCE TO EXITS: Maximum distance to an exit not to exceed 200' measured to an open stair.

FIRE PROTECTION SYSTEMS: SPRINKLER REQUIREMENTS: The M and B occupancies shall be provided with a complete automatic fire sprinkler system installed in accordance with the recommendations of N.F.P.A. 13 and the requirements of the City of Stockton Fire Department.

STANDPIPE REQUIREMENTS: CLASS I STANDPIPES - located at each required stair and shall be located so that all portions of the floor are within 30 feet of a nozzle attached to 100 feet of hose.

FIRE EXTINGUISHER REQUIREMENTS: Permanent type 2A-10BC fire extinguishers in cabinets shall be provided at all levels and shall be located at stairs and other logical locations for ease of finding.

MECHANICAL VENTILATION: The parking levels will not require mechanical ventilation as they will meet the openness requirements of C.B.C. Sec. 311.9.2.2 natural ventilation for parking structures.

DRAWING INDEX

COVER SHEET: T-1 SHEET INDEX, PROJECT DATA, PROJECT NOTES and GENERAL NOTES.

CIVIL DRAWINGS: C-1 GRADING PLAN, C-2 EROSION CONTROL PLAN.

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MECHANICAL DRAWINGS: M-1.1 MECHANICAL PLANS, DETAILS, SCHEDULES, NOTES, M-1.2 MECHANICAL DETAILS.

PLUMBING DRAWINGS: P-0 PLUMBING SITE PLAN, P-1 LEVEL P-1 PLUMBING PLAN, P-2 LEVEL P-2 PLUMBING PLAN, P-3 LEVEL P-3, P-4, & P-5 PLUMBING PLAN, P-4 LEVEL P-6 PLUMBING PLAN, P-5 DETAILS, FIXTURE SCHEDULE & CALCULATIONS.

ELECTRICAL DRAWINGS: E0.1 COVERSHEET - GENERAL NOTES, SYMBOL LIST, ABBREVIATIONS, E0.2 PANEL/FIXTURE SCHEDULES, E0.3 DETAIL SHEET, E0.4 TITLE 24, E1.1 LEVEL P-1 POWER & LIGHTING PLAN, E1.2 LEVEL P-2 POWER & LIGHTING PLAN, E1.3 LEVEL P-3 POWER & LIGHTING PLAN, E1.4 LEVEL P-4 POWER & LIGHTING PLAN, E1.5 LEVEL P-5 POWER & LIGHTING PLAN, E1.6 LEVEL P-6 POWER & LIGHTING PLAN.

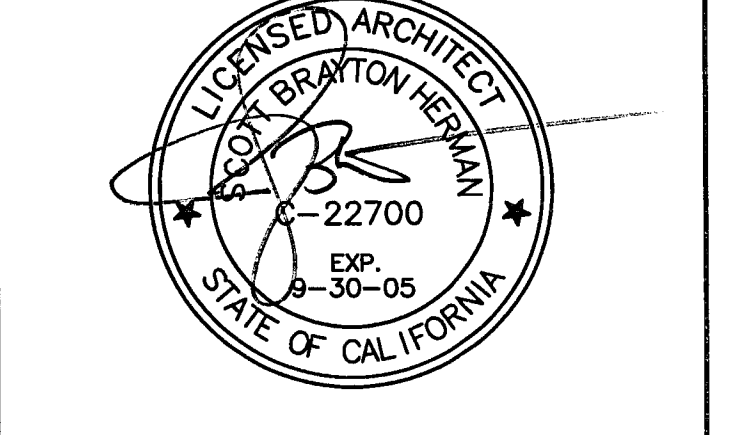
CITY OF STOCKTON EDMUND S. 'ED' COY PARKING STRUCTURE STOCKTON, CALIFORNIA

OWNER: City of Stockton

DESIGN BUILDER: F&H Construction 4945 Waterloo Road Stockton, California 95215 209. 931. 3738

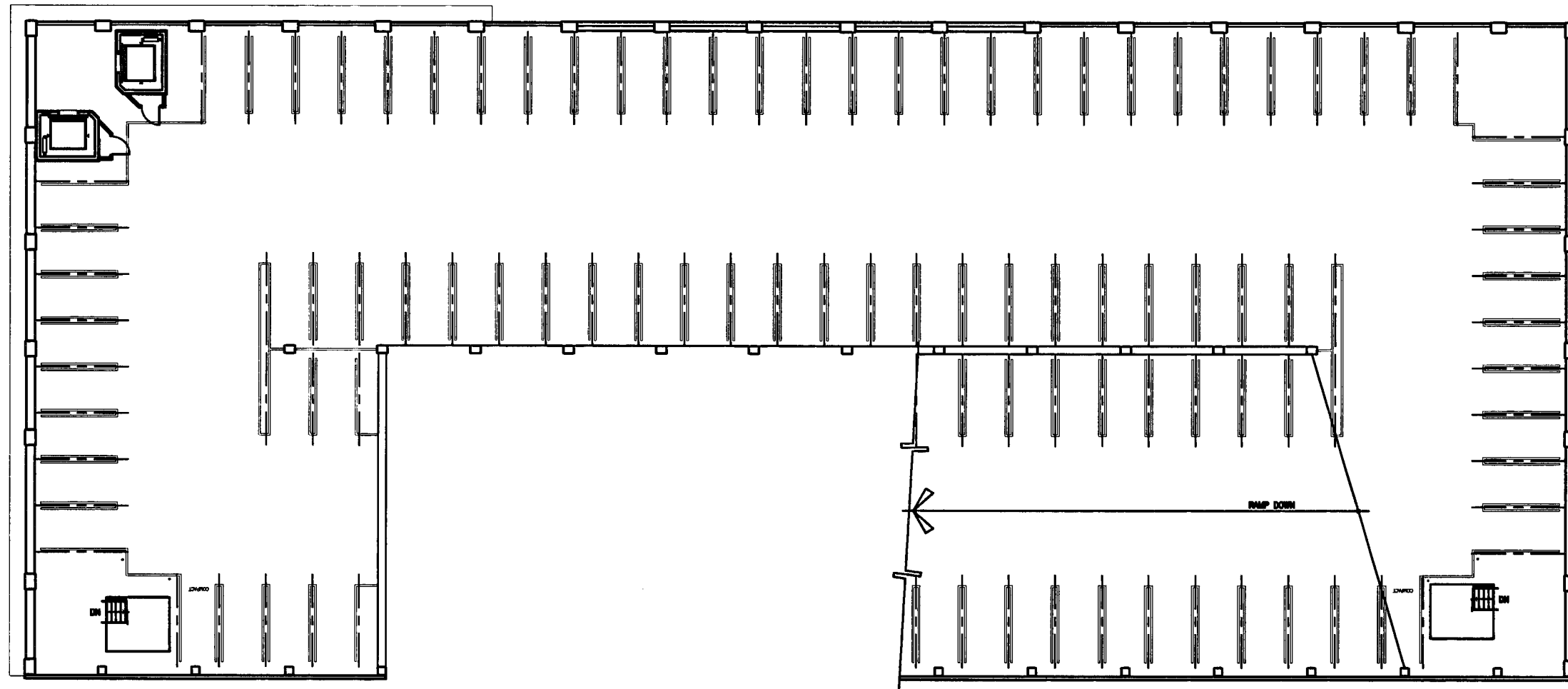
CONSULTANTS: Architect - Planning Consultant HNA / Pacific 61 Sea Breeze Avenue Rancho Palos Verdes, California 90275 310. 644. 8670 Design Architect Wenell Mattheis Bowe 245 E. Main Street Stockton, California 95202 209. 944. 9110 Structural Engineer Jessen-Wright Structural Engineers 113 West 8th Avenue, Suite A Chico, California 95926 530. 894. 5345 Civil Engineer Siegfried Engineering, Inc. 4045 Coronado Avenue Stockton, California 95204 209. 943. 2021 Plumbing Designer - Design/Builder HRM Plumbing 3650 Wilcox Road Stockton, California 95215 209. 931. 9650 Electrical Designer - Design/Builder Collins Electrical 611 W. Fremont Street Stockton, California 95203 209. 466. 3691 Mechanical Designer - Design/Builder Comfort Air 1607 Turnpike Road Stockton, California 95201 209. 466. 4601

CONST. DOCUMENTS REVISIONS: 11/29/04 PLANCHECK SET, 3/11/05 PERMIT SET.

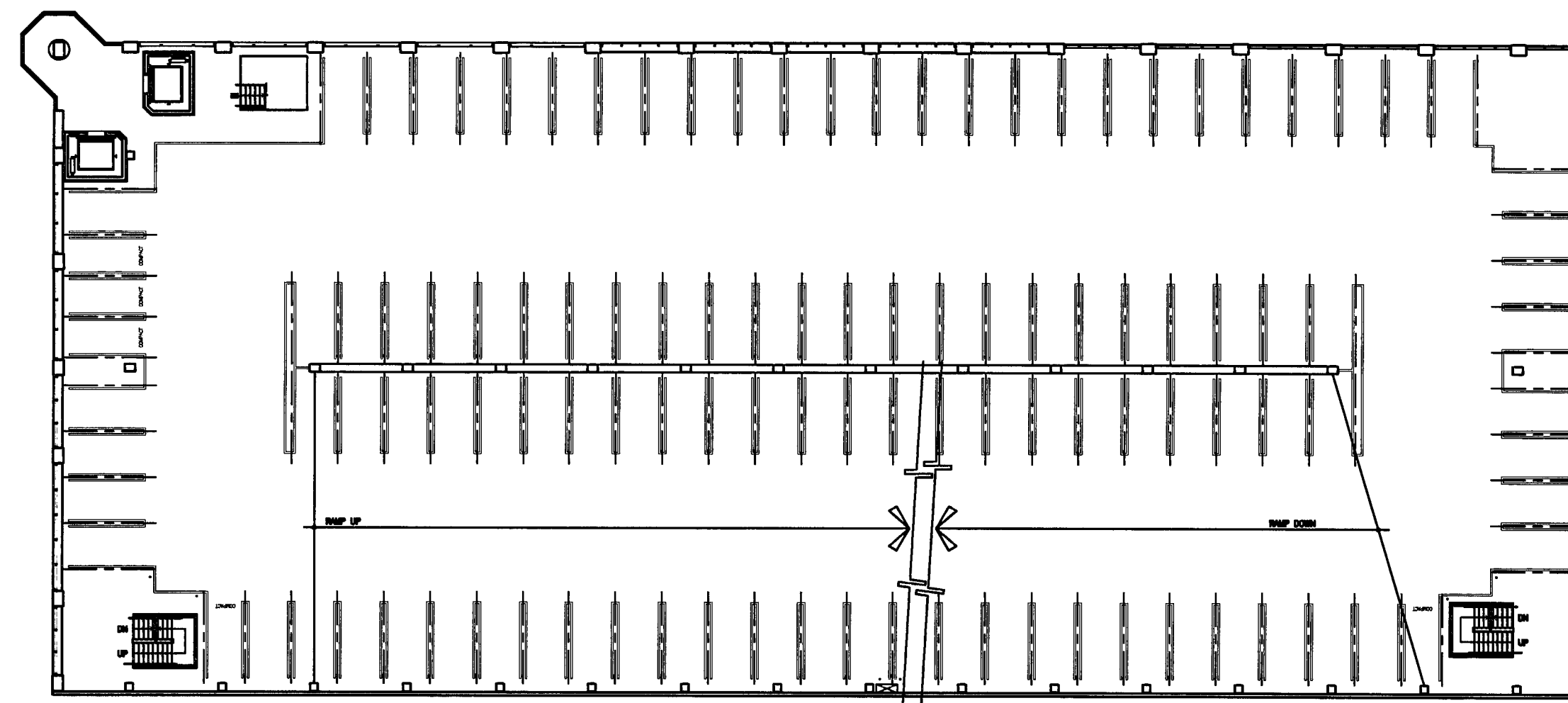


SHEET INDEX PROJECT DATA PROJECT NOTES

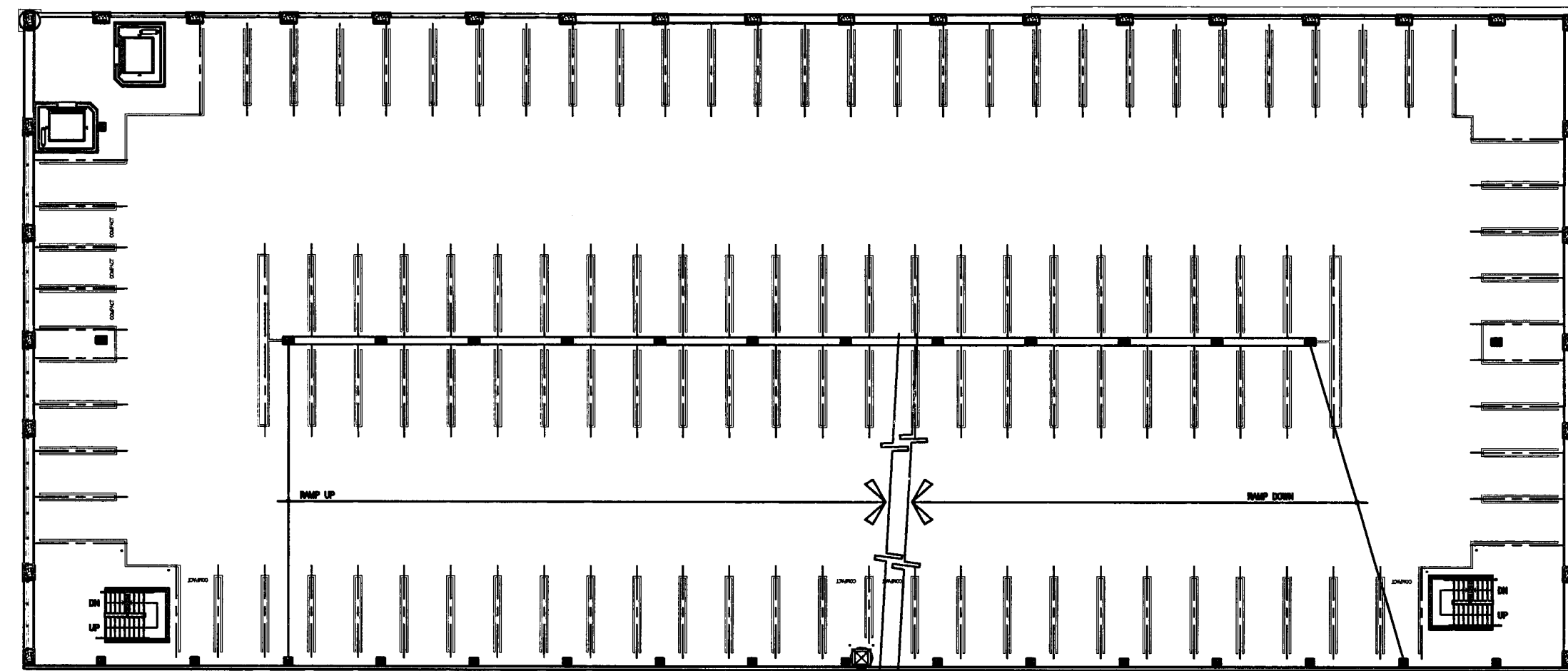
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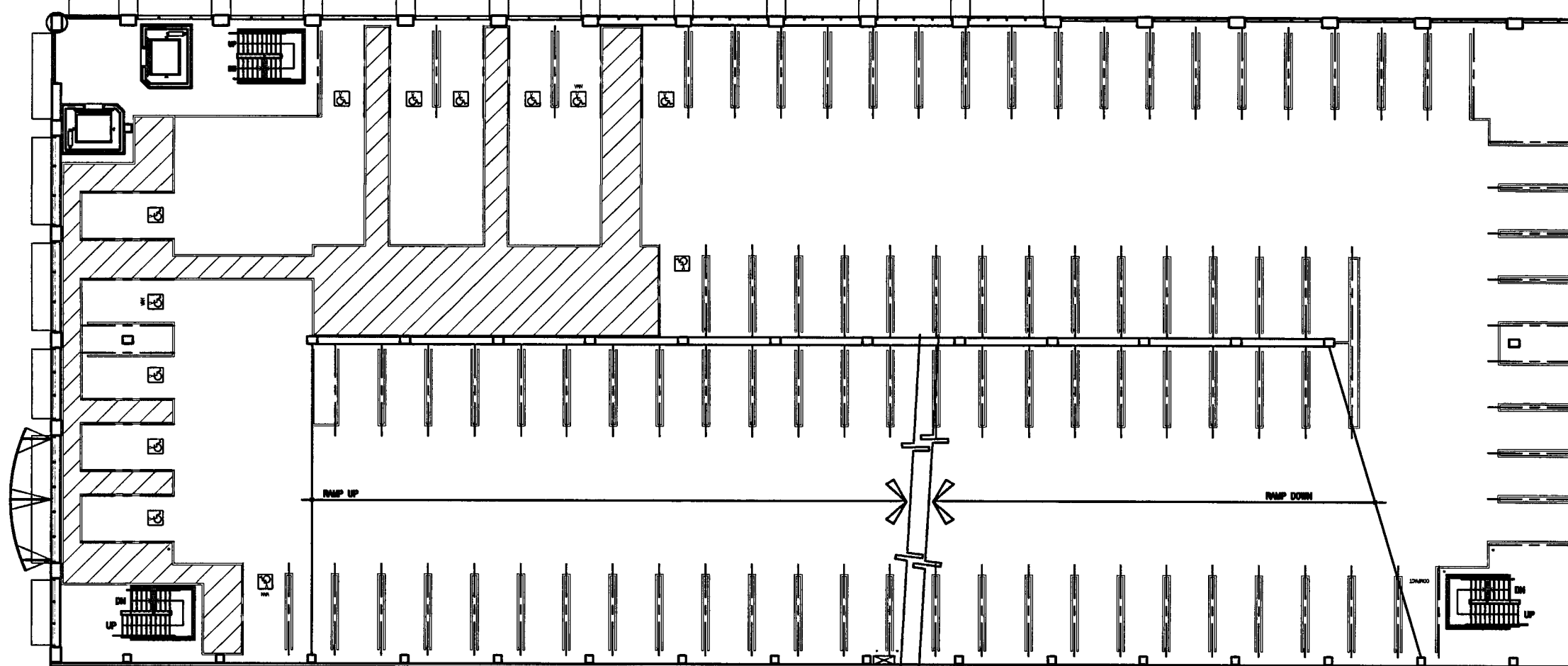
LEVEL P-6 FLOOR PLAN



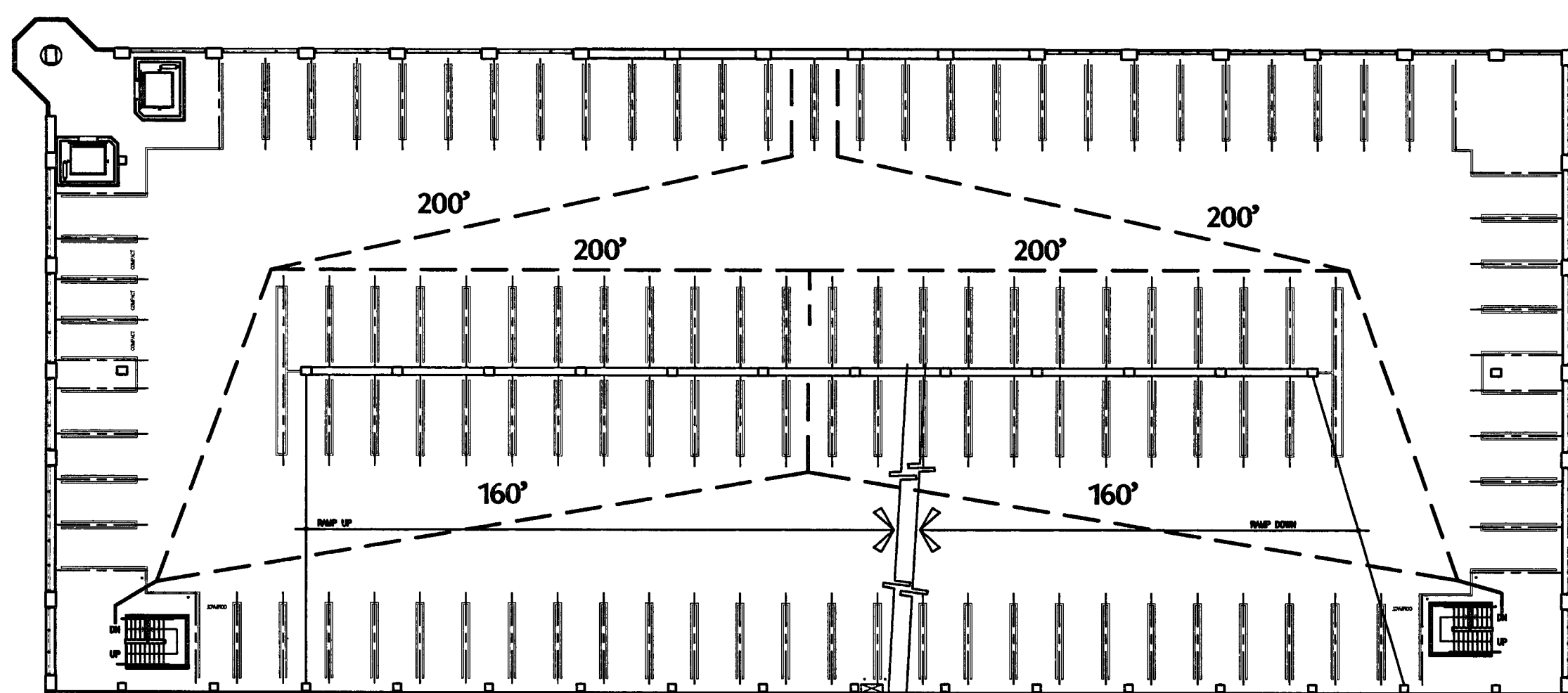
LEVEL P-3 FLOOR PLAN



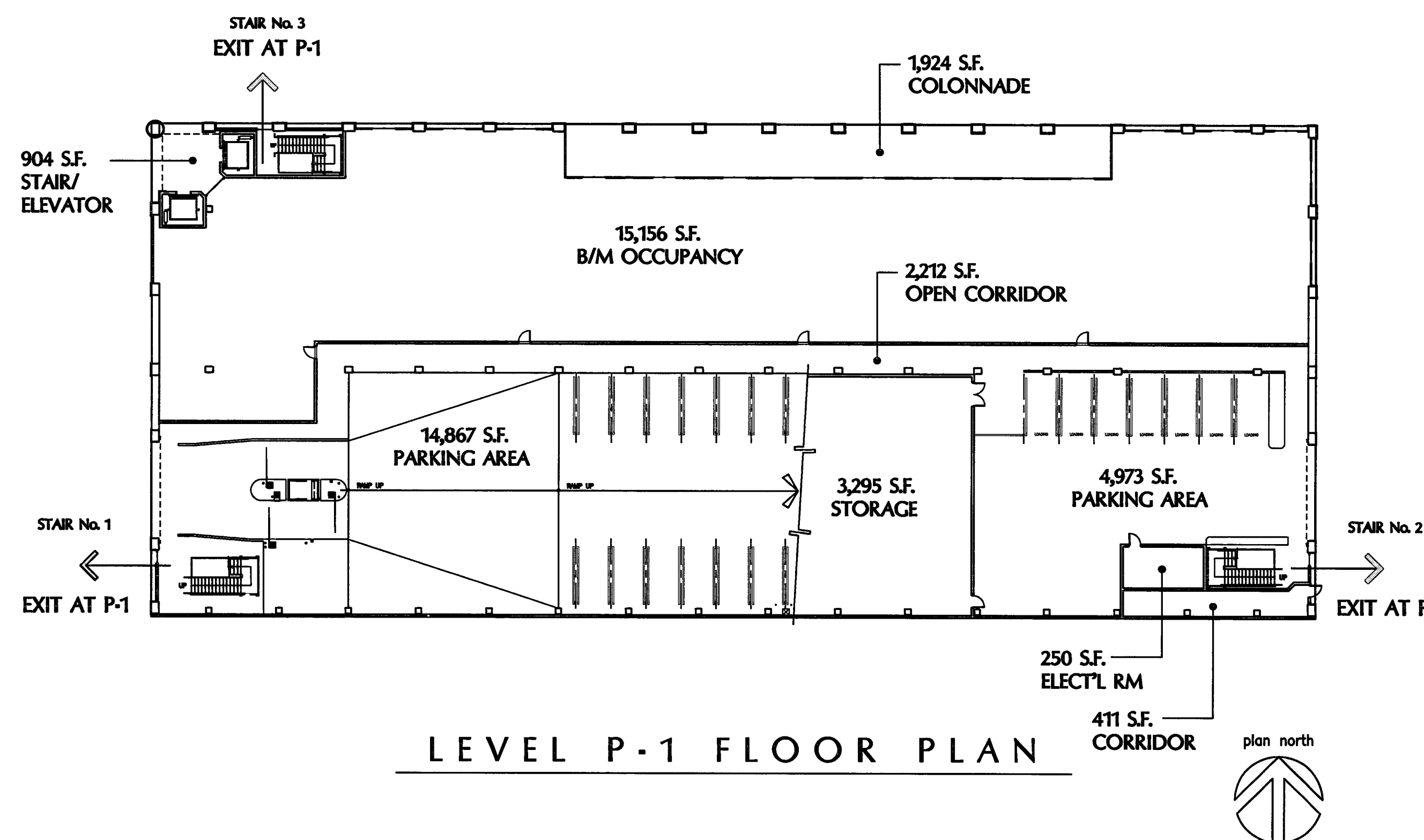
LEVEL P-5 FLOOR PLAN



LEVEL P-2 FLOOR PLAN



LEVEL P-4 FLOOR PLAN



LEVEL P-1 FLOOR PLAN

NATURAL VENTILATION SUMMARY

CALCULATIONS FOR OPENINGS TO PROVIDE NATURAL VENTILATION

C.B.C. Sec. 311.9.2.2

For natural ventilation purposes, the exterior side of structure shall have uniformly distributed openings on two or more sides. The area of such openings in exterior walls on a tier must be at least 20 percent of the total perimeter wall area of each tier. The aggregate length of openings considered to be providing natural ventilation shall constitute a minimum of 40 percent of the perimeter of the tier.

TOTAL BUILDING PERIMETER = 854.00 L.F.  
 TYPICAL TIER HEIGHT = 10'-2" (at Level P-5)  
 TOTAL PERIMETER WALL AREA (at Level P-5) = (854.00' x 10.17') = 8,682.33 sq.ft.  
 TOTAL REQUIRED OPENINGS (20%) or (8,682.33 x .20) = 1,736.47 sq.ft.  
 REQUIRED PERIMETER LENGTH (40%) or 854.00 L.F. x .40) = 341.60 L.F.

OPENINGS PROVIDED TYPICAL LEVEL (calculated at Level P-5)

EAST ELEVATION - 636.00 sq.ft. (distributed over 106.00 L.F.)  
 WEST ELEVATION - 598.00 sq.ft. (distributed over 99.67 L.F.)  
 NORTH ELEVATION - 1,432.00 sq.ft. (distributed over 238.67 L.F.)  
 SOUTH ELEVATION - 00.00 sq.ft. (no openings provided)  
 TOTAL OPENINGS PROVIDED - 2,666.00 sq.ft. [30.70% OF 8,682.33 sq.ft.]  
 TOTAL DISTRIBUTED LENGTH - 444.33 L.F. [52.03% OF 854.00 L.F.]

LEVEL P-1

Level P-1 Parking Areas do not qualify for natural ventilation and therefore require a supplemental mechanical exhaust system. See mechanical drawings for required mechanical exhaust fans. Makeup air is provided at openings on east and west side through the vehicular security grilles.

MAXIMUM ALLOWABLE TRAVEL DISTANCE TO EXIT

(SEE LEVEL P-4 FOR DIAGRAM)

BASE ALLOWABLE 200' ALLOWED PER CBC 1004.2.5.2.4  
 INCREASE FOR SPRINKLERS 250' ALLOWED PER CBC 1004.2.5.2.4  
 INCREASE IN CORRIDOR NOT APPLICABLE

ALLOWABLE AREA BASED ON TYPE I-F.R. CONSTRUCTION (CBC TABLE 3-H)

OCCUPANCY CLASSIFICATION	BASE ALLOWABLE AREA	AUTOMATIC SPRINKLER INCREASE (CBC 506.3)	ALLOWABLE HEIGHT (STORIES)	TOTAL ALLOWABLE AREA
B/M	UNLIMITED	NOT APPLICABLE	UNLIMITED	UNLIMITED
S-4	UNLIMITED	NOT APPLICABLE	UNLIMITED	UNLIMITED

FLOOR	FLOOR AREA	OCCUPANT LOAD	REQUIRED NUMBER OF EXITS
B/M OCCUPANCY LEVEL P-1	15,156 SF	BASED ON USE XXX S.F./OCCUPANT	2 EXITS (MORE THAN 30 BUT LESS THAN 500)
NON-PARKING LEVEL P-1	8,996 SF	45 OCCUPANTS 200 S.F./OCCUPANT	2 EXITS (MORE THAN 30 BUT LESS THAN 500)
PARKING LEVEL P-1	19,840 SF	101 OCCUPANTS 200 S.F./OCCUPANT	2 EXITS (MORE THAN 30 BUT LESS THAN 500)
PARKING LEVEL P-2	38,350 SF	192 OCCUPANTS 200 S.F./OCCUPANT	2 EXITS (MORE THAN 30 BUT LESS THAN 500)
PARKING LEVEL P-3	38,467 SF	192 OCCUPANTS 200 S.F./OCCUPANT	2 EXITS (MORE THAN 30 BUT LESS THAN 500)
PARKING LEVEL P-4	38,467 SF	192 OCCUPANTS 200 S.F./OCCUPANT	2 EXITS (MORE THAN 30 BUT LESS THAN 500)
PARKING LEVEL P-5	38,350 SF	192 OCCUPANTS 200 S.F./OCCUPANT	2 EXITS (MORE THAN 30 BUT LESS THAN 500)
PARKING LEVEL P-6	26,863 SF	134 OCCUPANTS 200 S.F./OCCUPANT	2 EXITS (MORE THAN 30 BUT LESS THAN 500)
TOTAL AREA	224,489 SF		2 EXITS PROVIDED

REQUIRED EXIT WIDTHS (CBC 1003.2)

MINIMUM STAIR WIDTH = 44" (CBC 1003.2.3.2)  
 192 x .3 = 58 INCHES / TWO PROVIDED EXITS = 29" < 44"  
 MINIMUM DOOR CLEAR EXIT WAY WIDTH = 32" (CBC 1003.3.1.3)  
 192 x .2 = 39 INCHES / TWO PROVIDED EXITS = 19.5" < 32"  
 MINIMUM CORRIDOR WIDTH = 44" (CBC 1004.3.4)

CITY OF STOCKTON  
 EDMUND S. 'ED' COY  
 PARKING STRUCTURE  
 STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
 F&H Construction  
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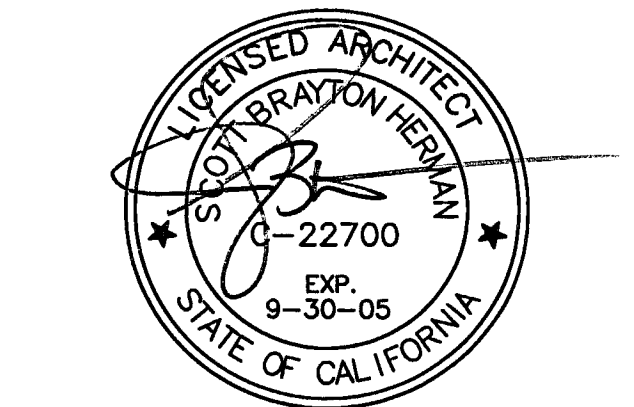
Plumbing Designer - Design/Builder  
 HRM Plumbing  
 3650 Wilcox Road  
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 209. 931. 9650

Electrical Designer - Design/Builder  
 Collins Electrical  
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Mechanical Designer - Design/Builder  
 Comfort Air  
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 Stockton, California 95201  
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SHEET TITLE  
 EXITING PLANS & VENTILATION CALCULATIONS

DATE 28. NOV. 2004 SCALE NO SCALE  
 DRAWN BY SBH CHECKED BY SBH  
 DRAWING NO. 2319A-0-1 SHEET  
 PROGRAM NO. R-NO.

DRAWING NO:  
 A-01  
 PROJECT NO:  
 HNA 2319

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

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 Chico, California 95926  
 530. 894. 5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

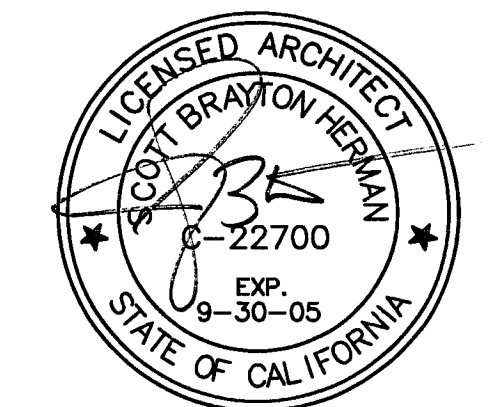
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
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 Stockton, California 95203  
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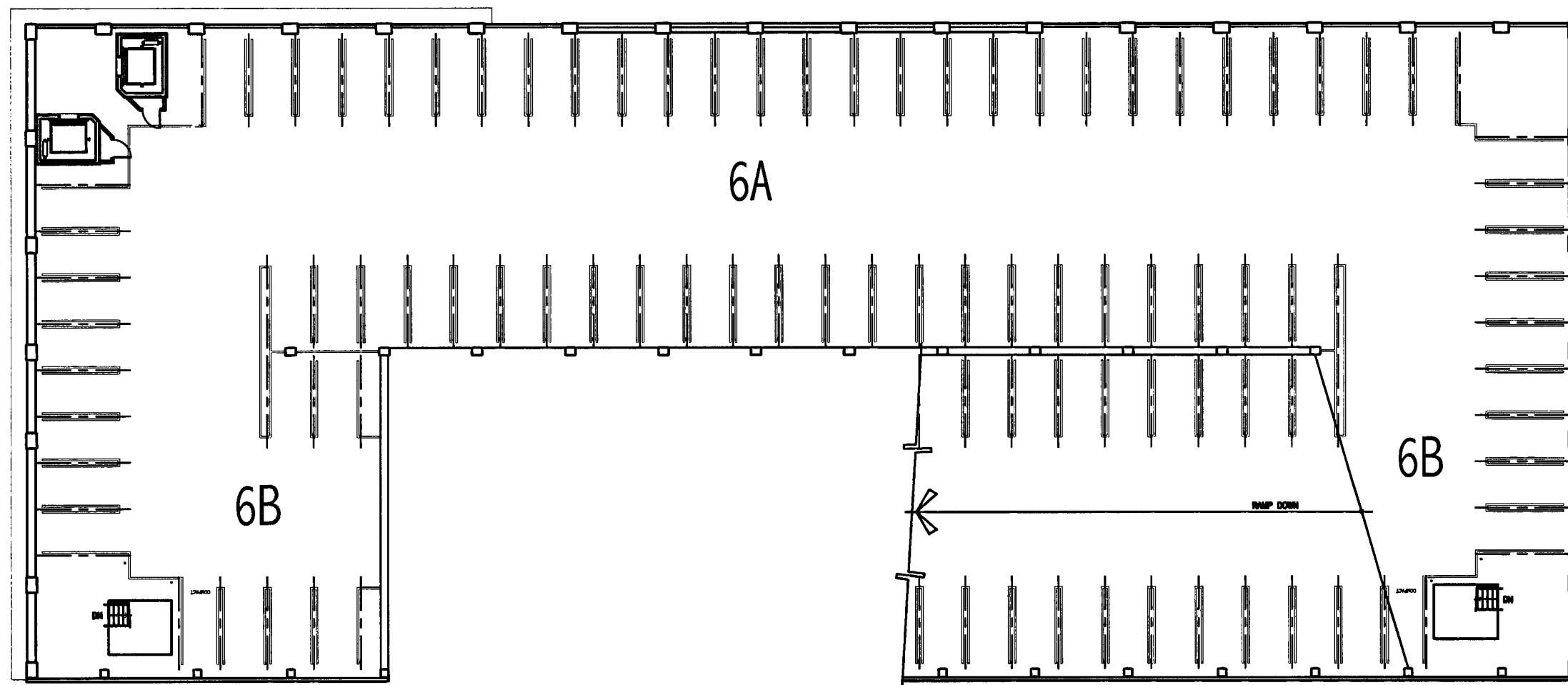


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**CAR AND AREA SUMMARY**

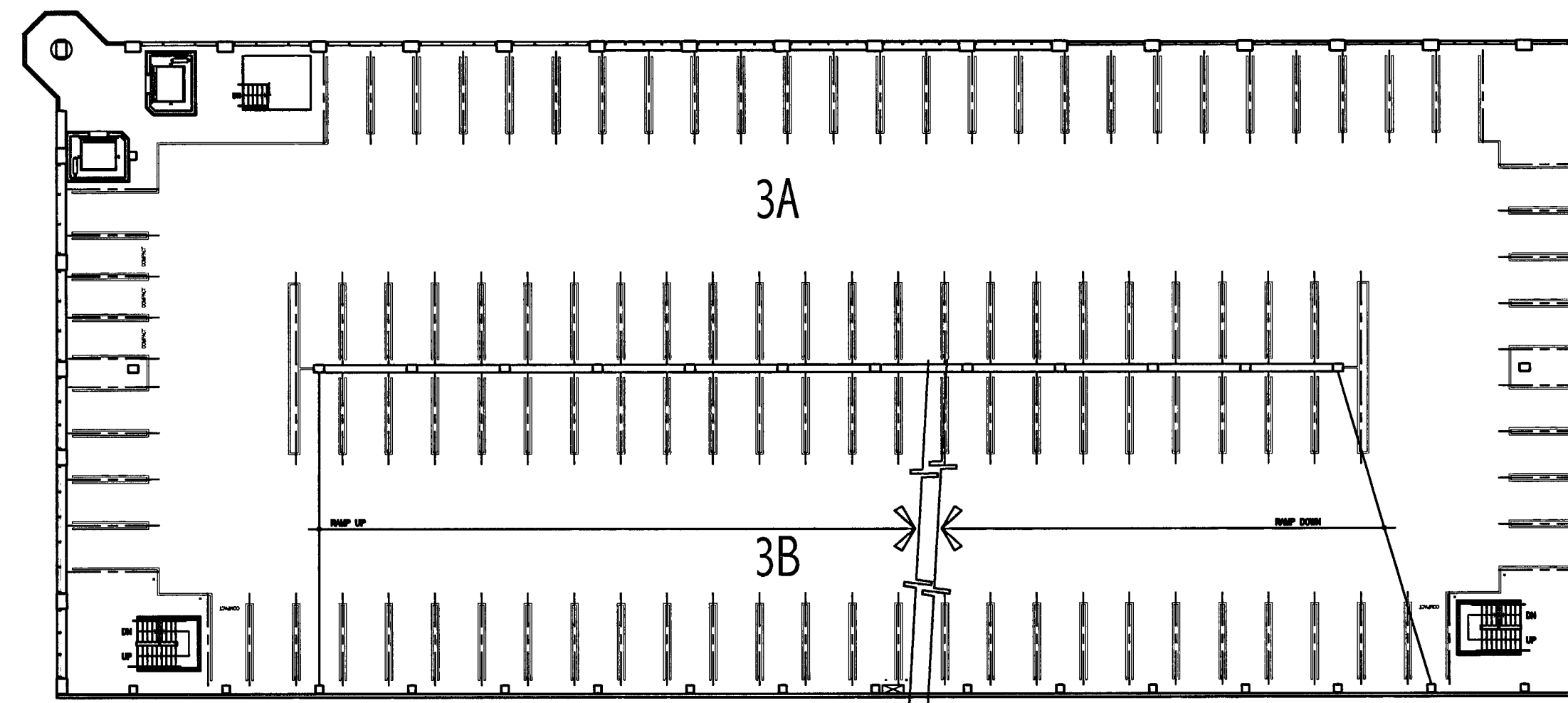
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PROGRAM NO.	R-NO.

DRAWING NO:  
**A-02**

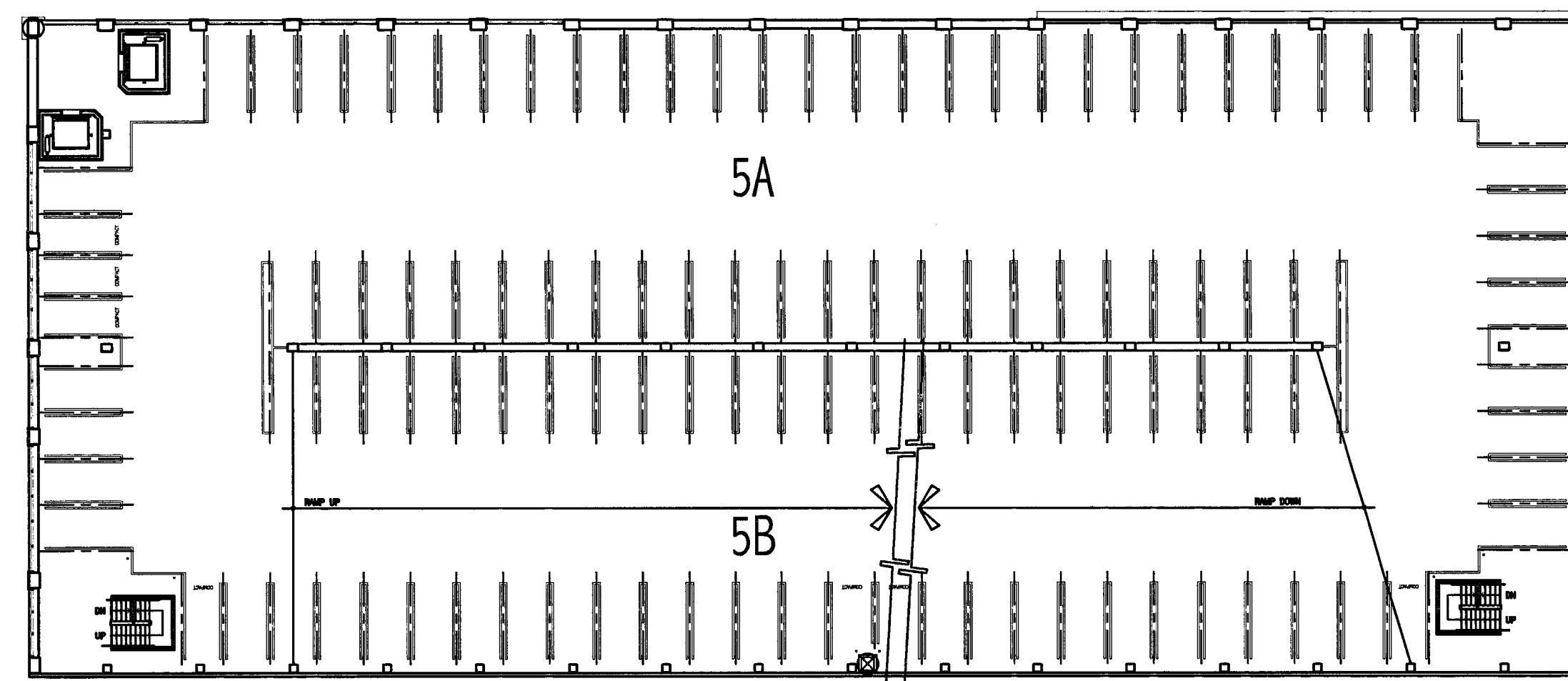
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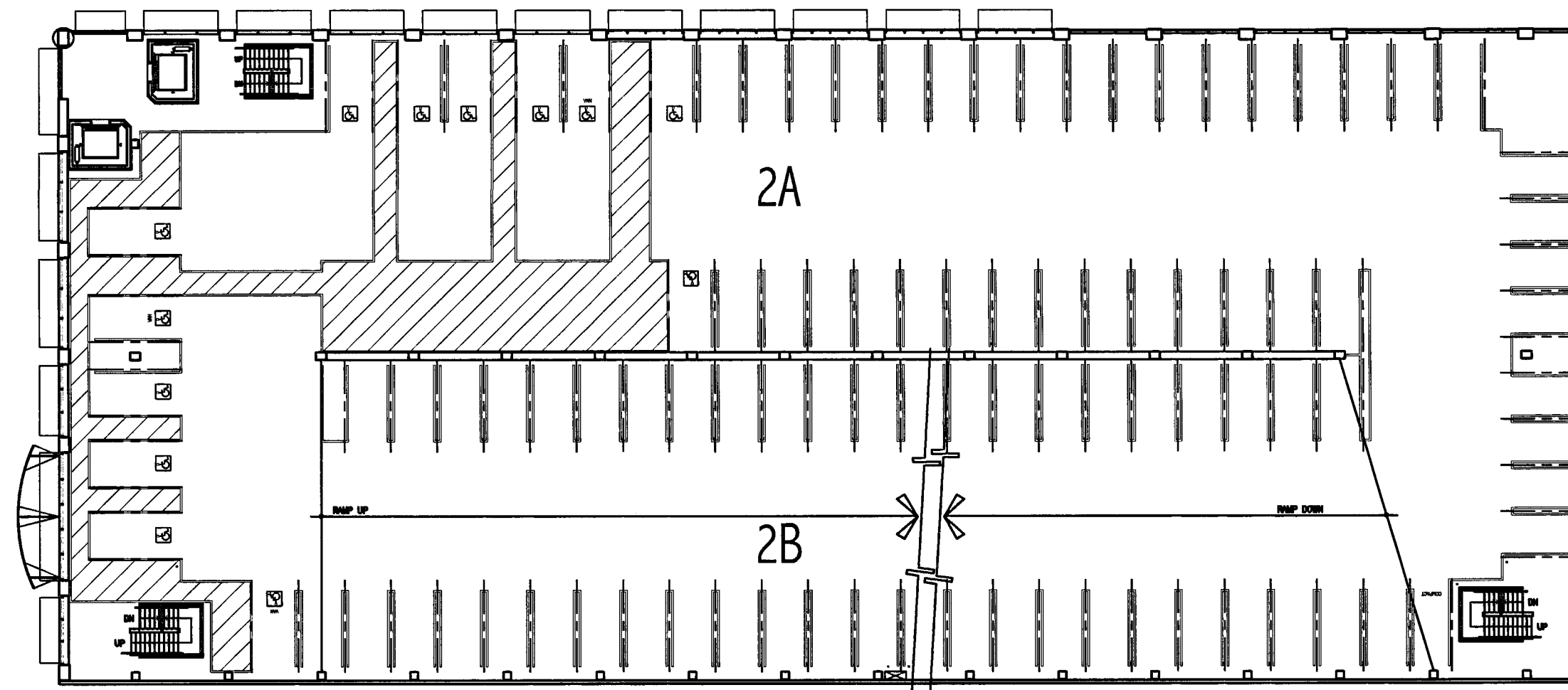
LEVEL P-6 FLOOR PLAN



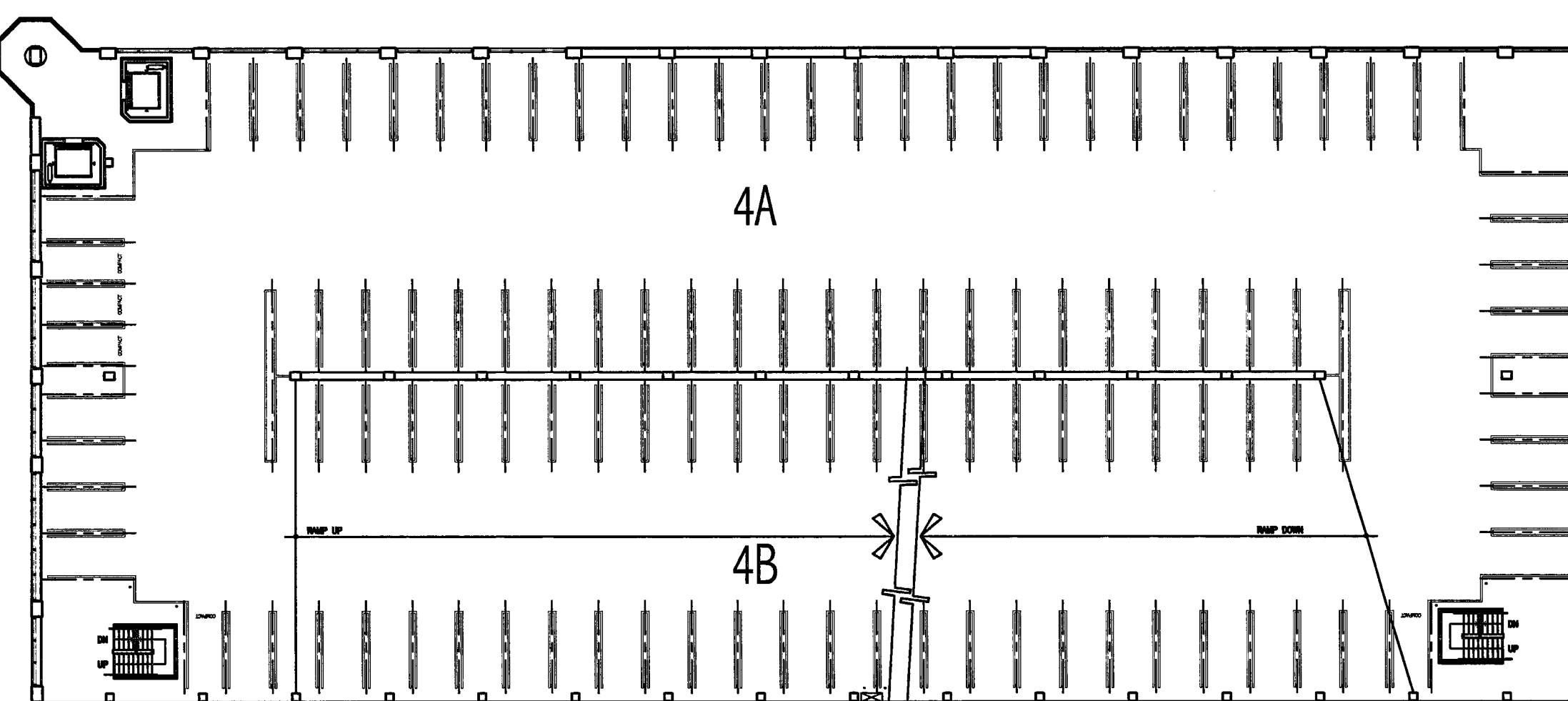
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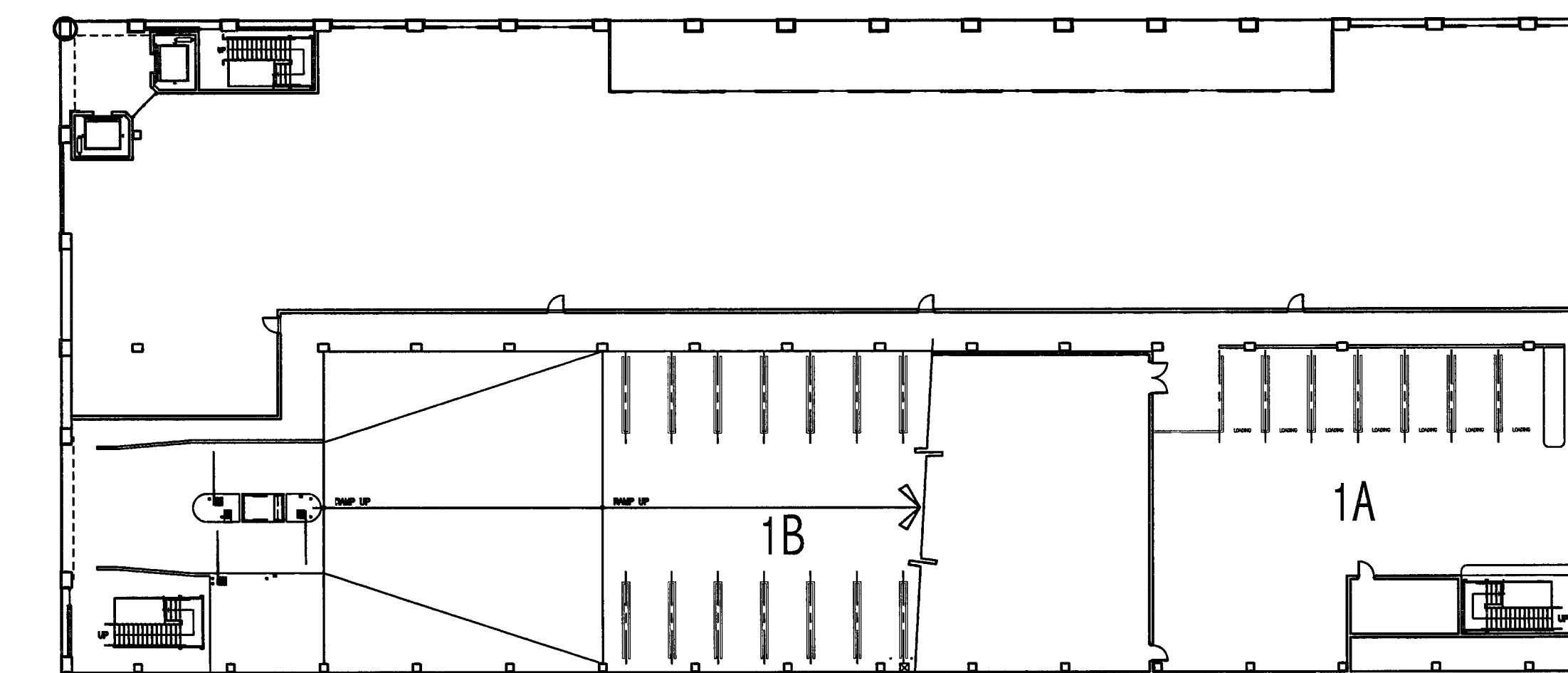
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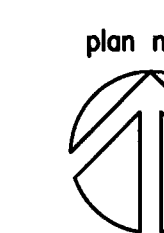
LEVEL P-2 FLOOR PLAN



LEVEL P-4 FLOOR PLAN



LEVEL P-1 FLOOR PLAN



**CAR and AREA SUMMARY**

PARKING AREA	ON-GRADE SLAB (SF)	ELEVATED SLAB (SF)	NUMBER OF SPACES				TOTAL	SF/STALL
			COMPACT (8'-0" X 18'-0")	STANDARD (9'-0" X 18'-0")	ACCESSIBLE (9'-0" X 18'-0")	VAN ACCESSIBLE (9'-0" X 18'-0")		
LEVEL P-1								
1A	4973.00		0	7	0	0	7	665.57
1B	9225.00	5642.00	0	32	0	0	32	464.59
LEVEL P-1 (TOTALS)	14198.00	5642.00	0	39	0	0	39	508.72
LEVEL P-2								
2A	19125.00		0	35	8	1	44	434.64
2B	19225.00		1	50	3	1	55	349.55
LEVEL P-2 (TOTALS)	38350.00		1	85	11	2	99	387.37
LEVEL P-3								
3A	19242.00		3	53	0	0	56	343.61
3B	19225.00		2	56	0	0	58	331.47
LEVEL P-3 (TOTALS)	38467.00		5	109	0	0	114	337.43
LEVEL P-4								
4A	19242.00		3	55	0	0	58	331.76
4B	19225.00		2	56	0	0	58	331.47
LEVEL P-4 (TOTALS)	38467.00		5	111	0	0	116	331.61
LEVEL P-5								
5A	19125.00		3	55	0	0	58	329.74
5B	19225.00		4	54	0	0	58	331.47
LEVEL P-5 (TOTALS)	38350.00		7	109	0	0	116	330.60
LEVEL P-6								
6A	19125.00		0	59	0	0	59	324.15
6B	7738.00		2	14	0	0	16	483.63
LEVEL P-6 (TOTALS)	26863.00		2	73	0	0	75	358.17
SUB-TOTALS	14198.00	186139.00	20	526	11	2	559	358.38
LEVEL P-1 NON PARKING	24152.00	00.00						
TOTALS	38350.00	186139.00						
TOTAL SQUARE FOOTAGE	224489.00							

**CITY  
OF  
STOCKTON  
EDMUND S. 'ED'  
COY  
PARKING  
STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
City of Stockton

**DESIGN BUILDER:**  
F&H Construction  
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209.931.3738

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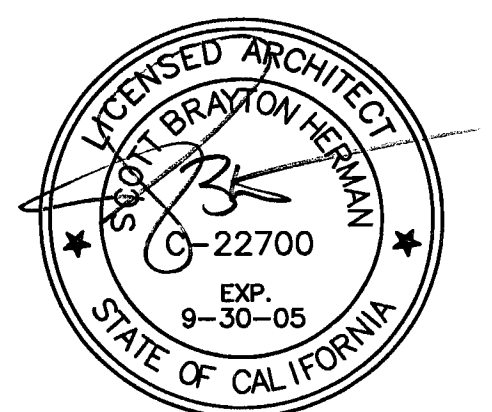
Plumbing Designer - Design/Builder  
HRM Plumbing  
3650 Wilcox Road  
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**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHECK SET
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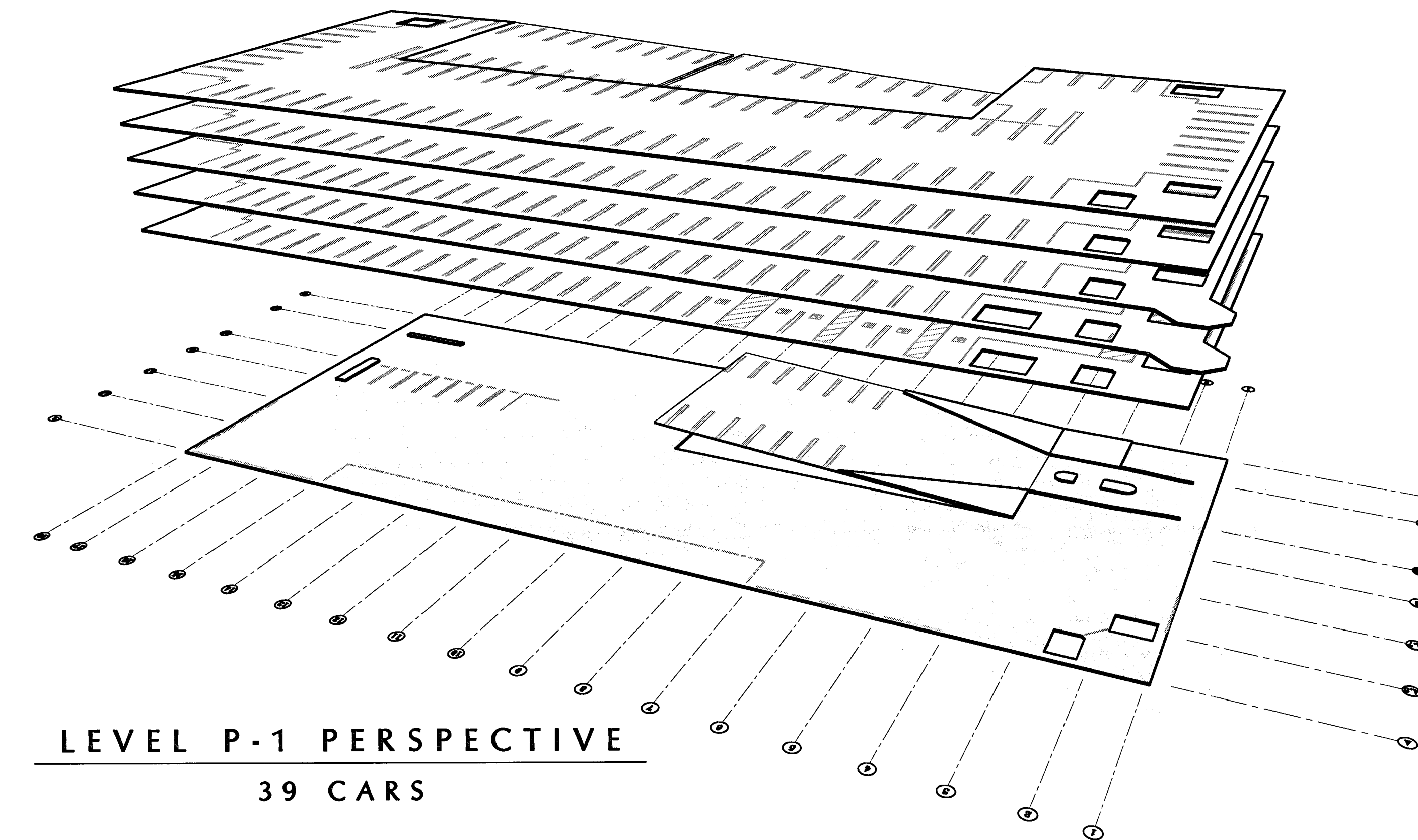
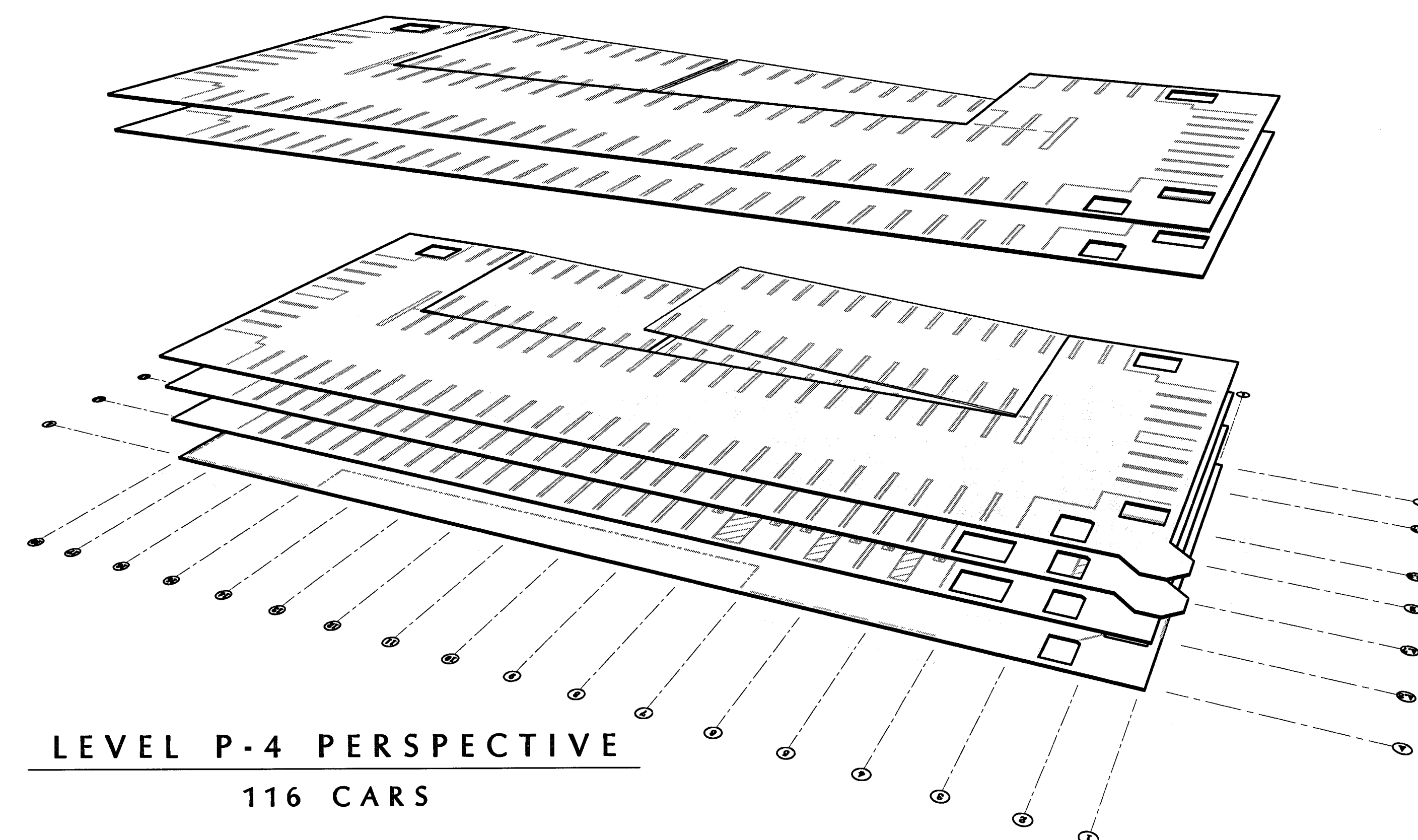
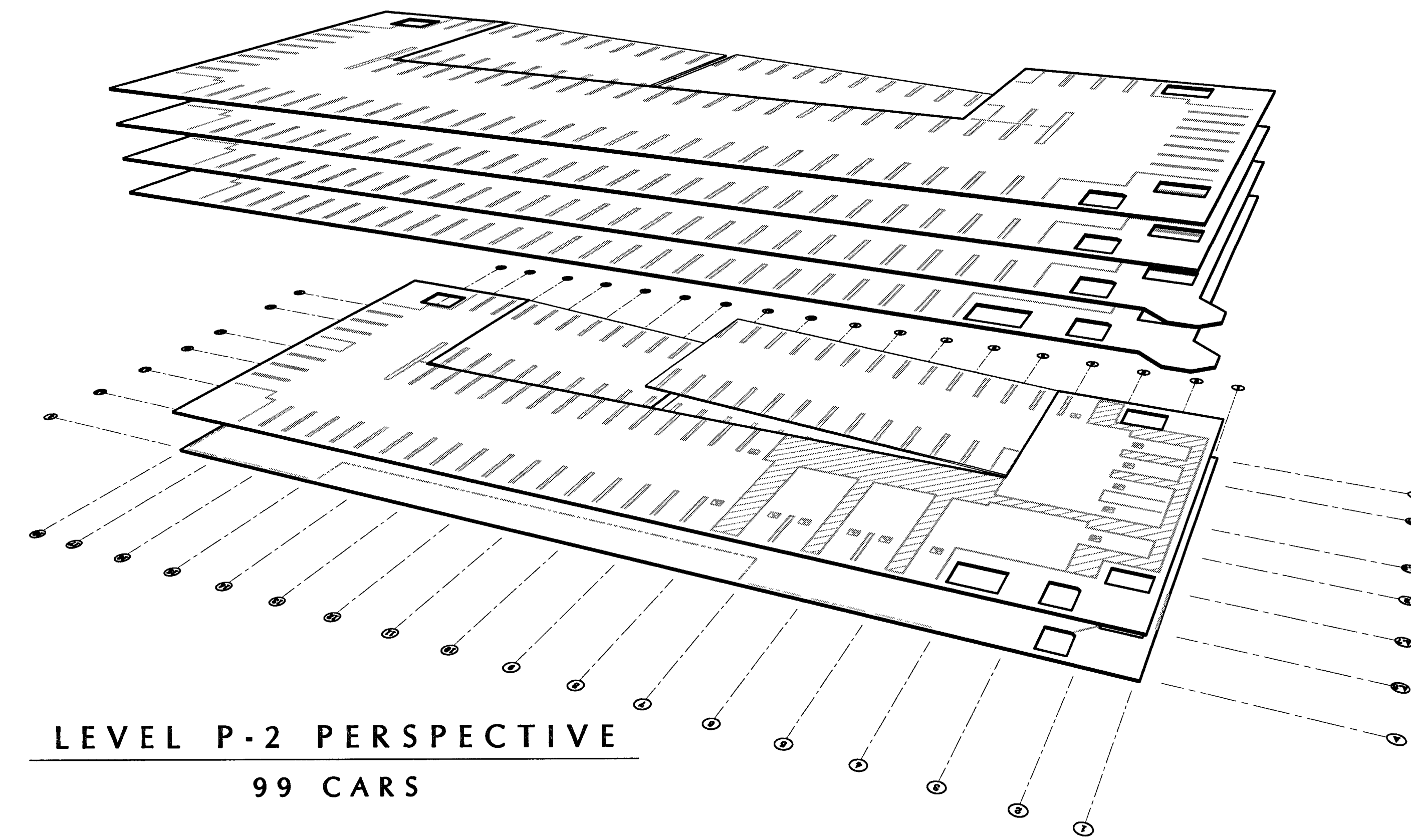
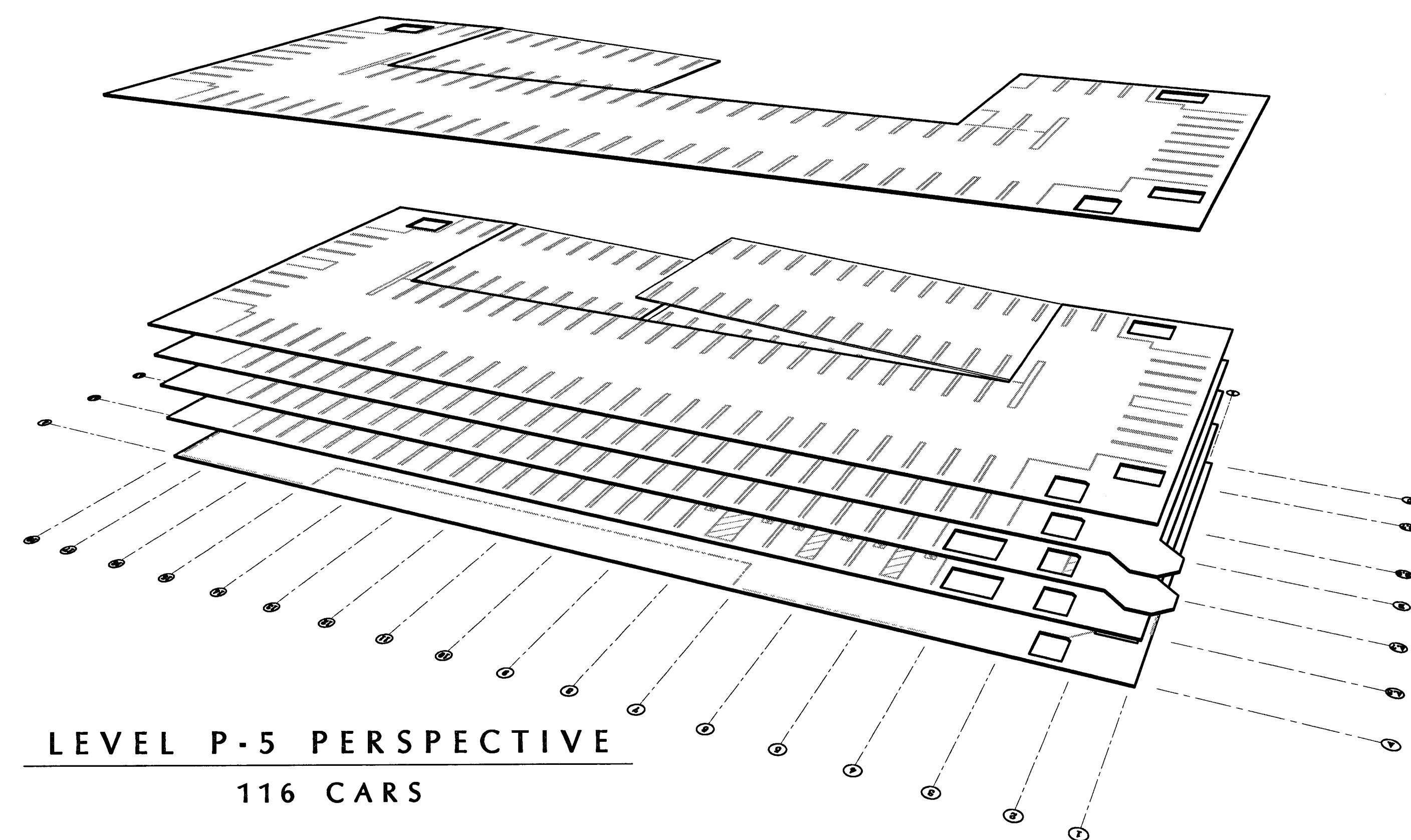
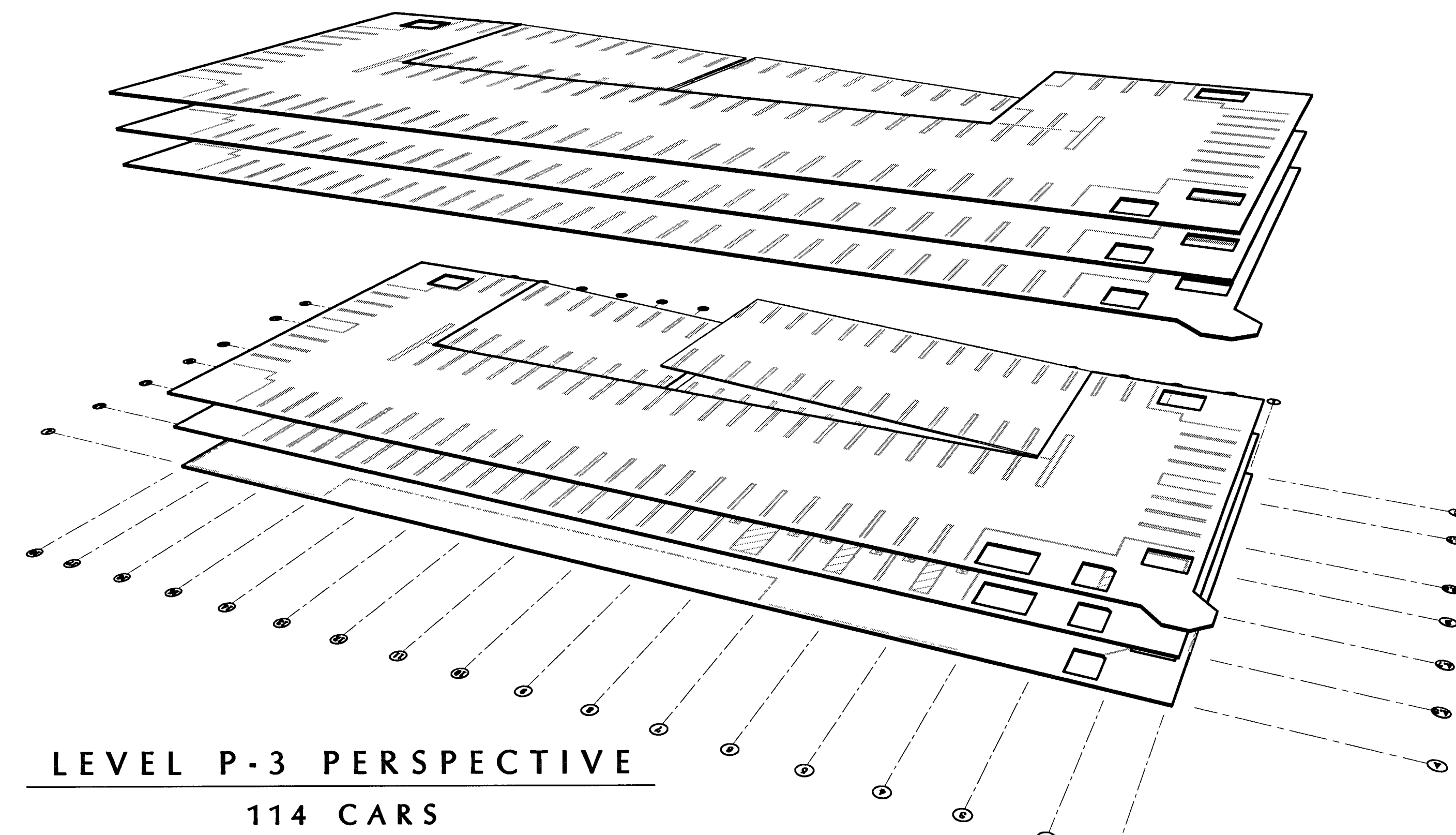
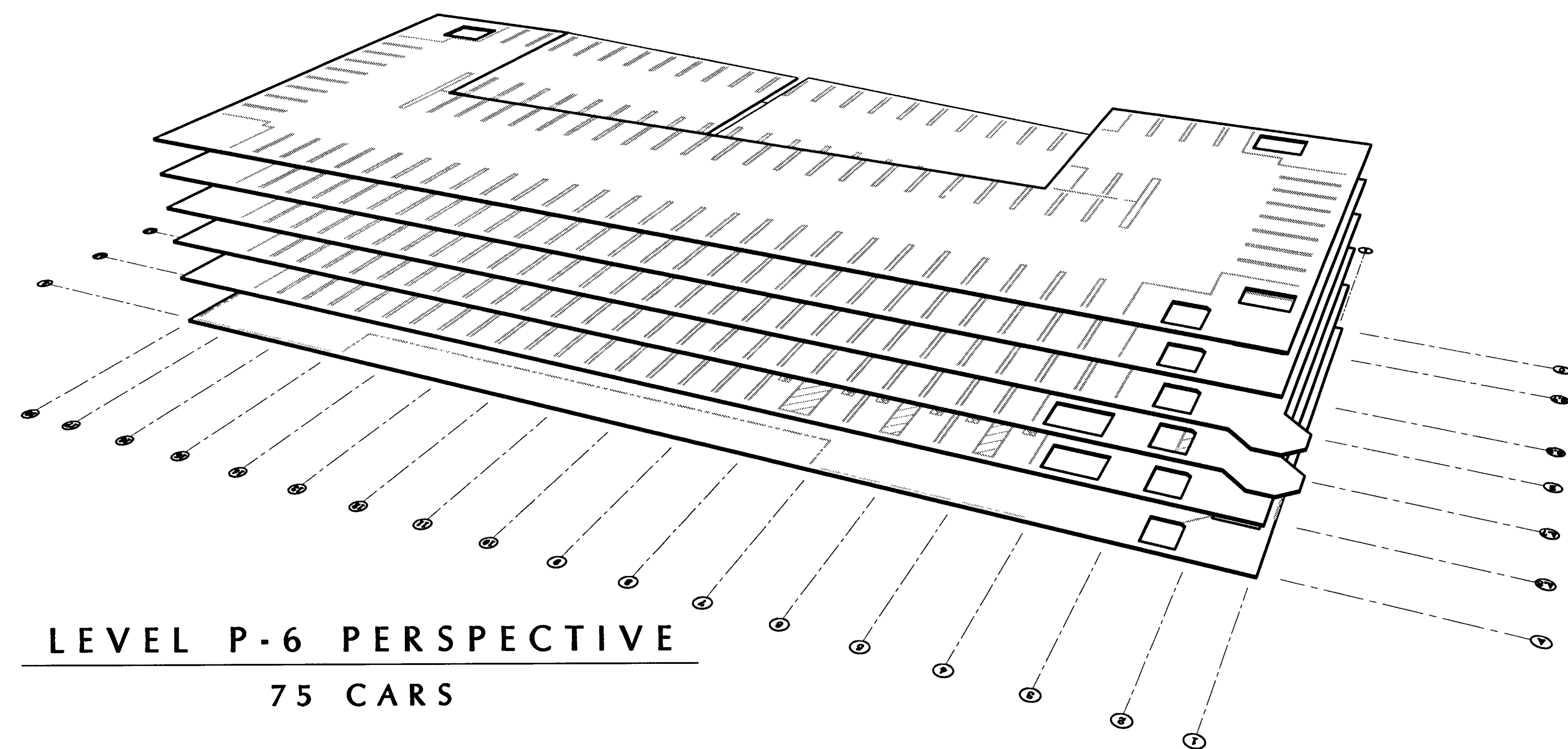


**SHEET TITLE**  
**CAR COUNT  
MODELS**

DATE	SCALE
29, NOV. 2004	NO SCALE
DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2319A-0-3	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-03**

PROJECT NO:  
HNA 2319



**CITY OF STOCKTON**  
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**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

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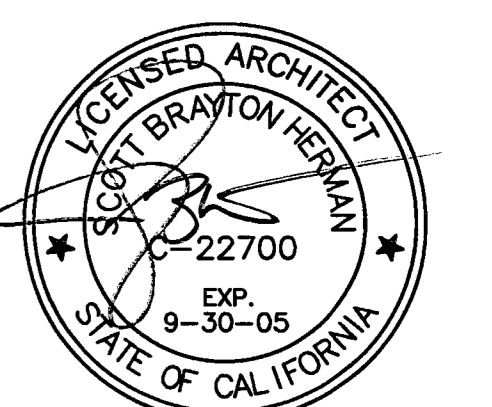
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 209.466.3691

Mechanical Designer - Design/Builder:  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601

**CONST. DOCUMENTS**

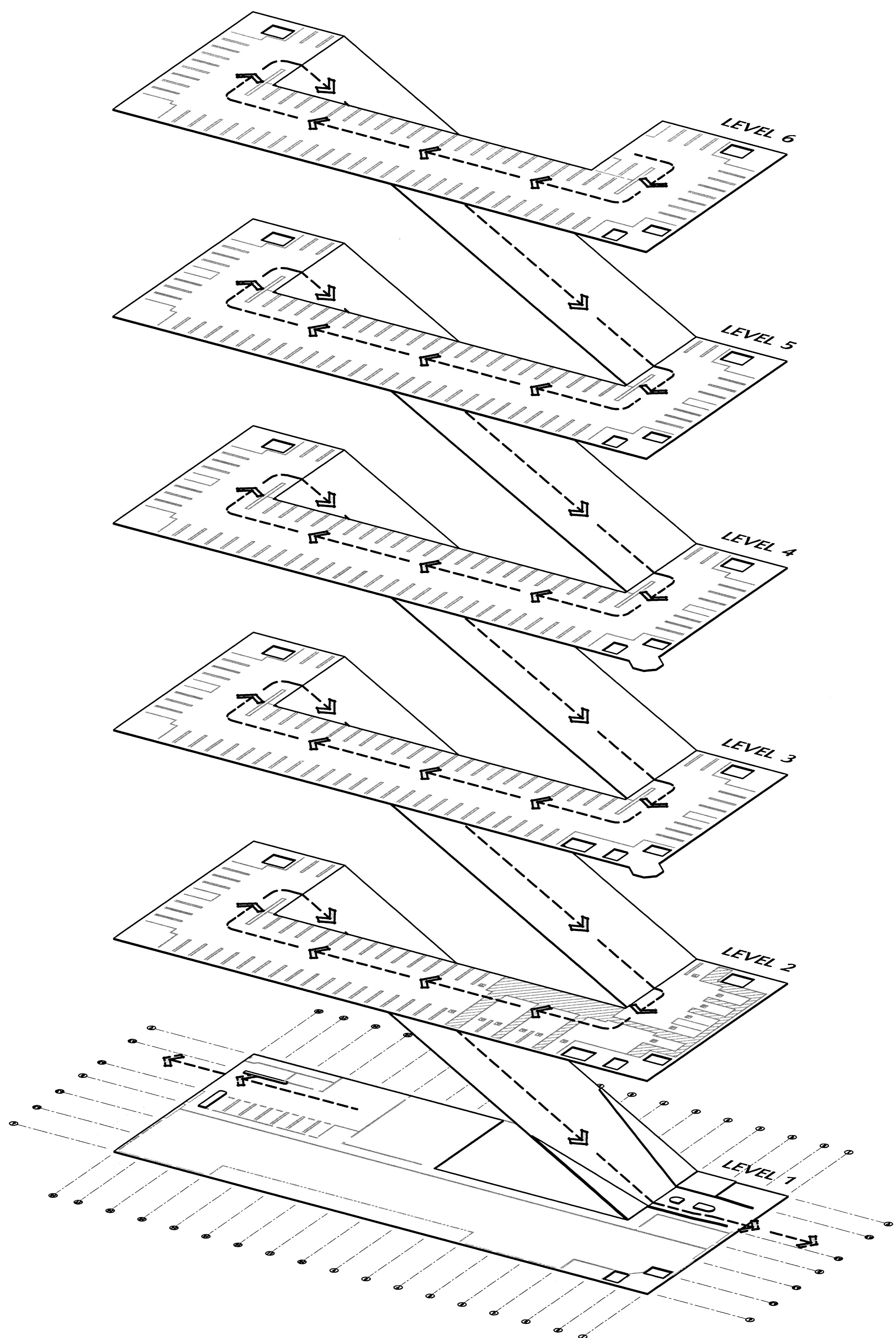
REVISIONS:	
11/29/04	PLANCHICK SET
3/11/05	PERMIT SET



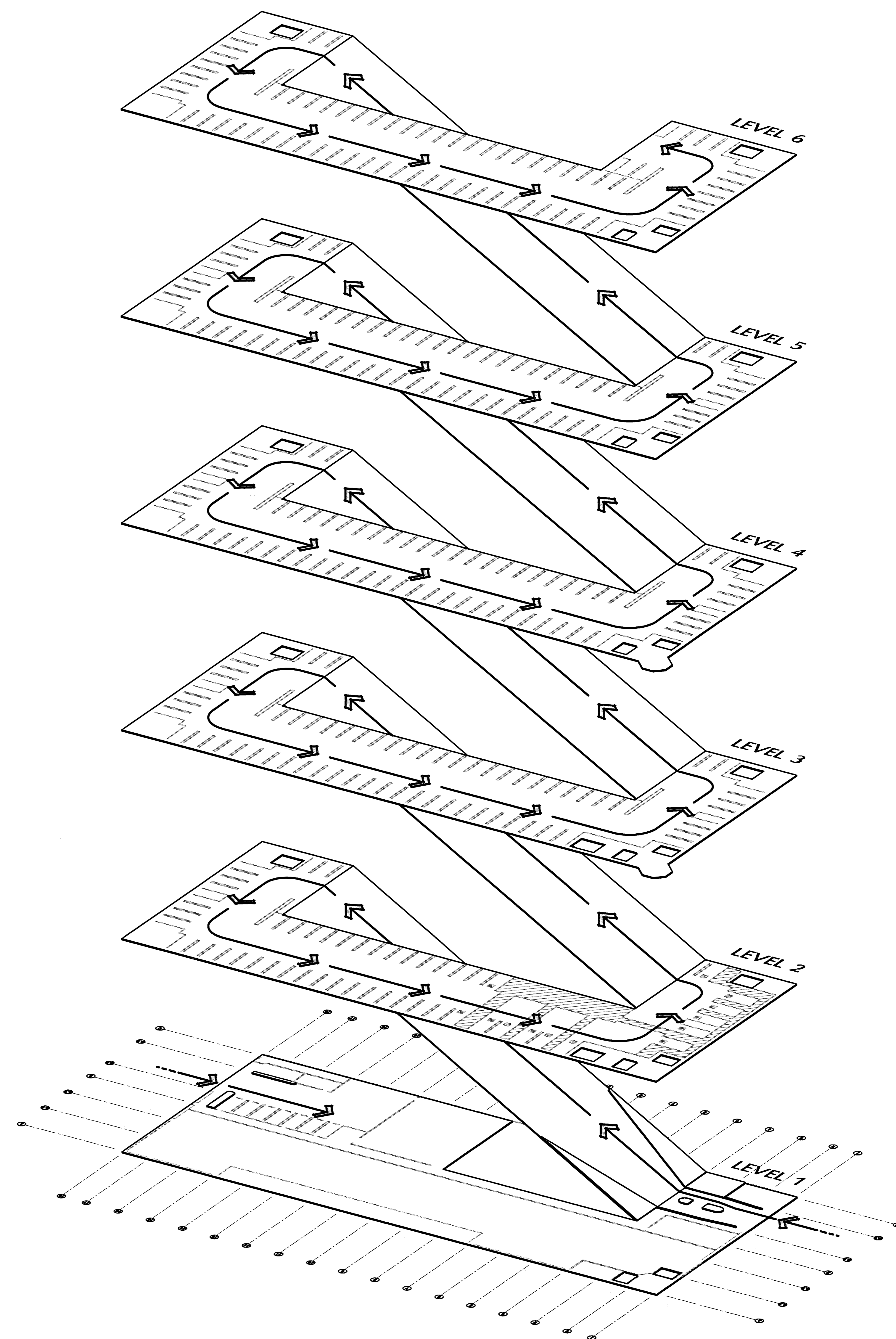
SHEET TITLE  
**FLOW DIAGRAM MODELS**

DATE	SCALE
29, NOV. 2004	NO SCALE
DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2318A-0-4	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-04**  
 PROJECT NO:  
 HNA 2318



EGRESS FLOW DIAGRAM



INGRESS FLOW DIAGRAM



### ABBREVIATIONS

&	And	Jan.	Janitor
L	Angle	Jt.	Joint
@	At	Kit.	Kitchen
⊕	Centerline	Lab.	Laboratory
∅	Diameter or Round	Lam.	Laminated
#	Pound or Number	Lav.	Lavatory
Acous.	Acoustical	Lkr.	Locker
A.D.	Area Drain	Lt.	Light
Adj.	Adjustable	Max.	Maximum
Aggr.	Aggregate	M.C.	Medicine Cabinet
Al.	Aluminum	Mech.	Mechanical
Approx.	Approximate	Membr.	Membrane
Arch.	Architectural	Met.	Metal
Asb.	Asbestos	Mfr.	Manufacturer
Asph.	Asphalt	Mh.	Manhole
Bd.	Board	Min.	Minimum
Bitum.	Bituminous	Mir.	Mirror
Bldg.	Building	Misc.	Miscellaneous
Blk.	Block	M.O.	Masonry Opening
Blkg.	Blocking	Mtd.	Mounted
Bm.	Beam	Mul.	Mullion
Bot.	Bottom	N.	North
Cab.	Cabinet	N.I.C.	Not In Contract
C.B.	Catch Basin	No. or #	Number
C.D.	Catch Drain	Nom.	Nominal
Cem.	Cement	N.T.S.	Not To Scale
Cer.	Ceramic	O.A.	Overall
C.I.	Cast Iron	Obs.	Obscure
C.G.	Corner Guard	O.C.	On Center
Cig.	Ceiling	O.D.	Outer Diameter (Dim.)
Clkg.	Clalking	Off.	Office
Cl.	Closet	Opng.	Opening
Clr.	Clear	Opp.	Opposite
C.O.	Cased Opening	Prct.	Pre-cast
Col.	Column	Pl.	Plate
Conc.	Conc.	P.Lam.	Plastic Laminate
Conn.	Connection	Plas.	Plaster
Constr.	Construction	Plywd.	Plywood
Cont.	Continuous	Pr.	Pair
Corr.	Corridor	Pt.	Point
Ctsk.	Countersunk	P.T.D.	Paper Towel Dispenser
Cntr.	Counter	P.T.D./r	Combined Paper Towel Dispenser & Receptacle
Ctr.	Center	Ptn.	Partition
Dbt.	Double	P.T.R.	Paper Towel Receptacle
Dept.	Department	Q.T.	Quarry Tile
D.F.	Drinking Fountain	R.	Riser
Det.	Detail	Rad.	Radius
Dia.	Diameter	R.D.	Roof Drain
Dim.	Dimension	Ref.	Reference
Disp.	Dispenser	Refr.	Refrigerator
Dn.	Down	Rgrtr.	Register
D.O.	Door Opening	Reinf.	Reinforced
Dr.	Door	Req.	Required
Dwr.	Drawer	Resil.	Resilient
Ds.	Downspout	Rm.	Room
D.S.P.	Dry Standpipe	R.O.	Rough Opening
Dwg.	Drawing	Rwd.	Redwood
E.	East	R.W.L.	Rain Water Leader
Ea.	Each	S.	South
E.J.	Expansion Joint	S.C.	Solid Core
E.L.	Elevation	S.C.D.	Seat Cover Dispenser
Elec.	Electrical	Sched.	Schedule
Elev.	Elevator	S.D.	Soap Dispenser
Emer.	Emergency	Sect.	Section
Encl.	Enclosure	Sh.	Shelf
E.P.	Electrical Panelboard	Shr.	Shower
Eq	Equal	Sht.	Sheet
Eqpt.	Equipment	Sim.	Similar
E.W.C.	Electric Water Cooler	S.N.D.	Sanitary Napkin Disp.
Exst.	Existing	S.N.R.	Sanitary Napkin Recept.
Expo.	Exposed	Spec.	Specification
Exp.	Expansion	Sq.	Square
Ext.	Exterior	S.St.	Stainless Steel
F.A.	Fire Alarm	S.St.	Service Sink
F.B.	Flat Bar	Sta.	Station
F.D.	Floor Drain	Std.	Standard
Fdn.	Foundation	Stl.	Steel
F.E.	Fire Extinguisher	Stor.	Storage
F.E.C.	Fire Extinguisher Cab.	Stri.	Structural
F.H.C.	Fire Hose Cabinet	Susp.	Suspended
Fin.	Finish	Sym.	Symmetrical
Fl.	Floor	Trd.	Tread
Flash.	Flashing	T.B.	Towel Bar
Fluor.	Fluorescent	T.C.	Top Of Curb
F.O.C.	Face Of Concrete	Tel.	Telephone
F.O.F.	Face Of Finish	Ter.	Terrazzo
F.O.S.	Face Of Studs	T.&G.	Tongue And Groove
Fprf.	Fireproof	Thk.	Thick
F.S.	Full Size	T.P.	Top Of Pavement
Fl.	Foot Or Feet	T.P.D.	Toilet Paper Dispenser
Flg.	Footing	T.V.	Television
Furr.	Furring	T.W.	Top Of Wall
Fut.	Future	Typ.	Typical
Gal.	Gauge	Unf.	Unfinished
Galv.	Galvanized	U.O.N.	Unless Otherwise Noted
G.B.	Grab Bar	Ur.	Urinal
Gl.	Glass	Vert.	Vertical
Gnd.	Ground	Vest.	Vestibule
Gr.	Grade	W.	West
Gyp.	Gypsum	W/	With
H.B.	Hose Bibb	W.C.	Water Closet
H.C.	Hollow Core	Wd.	Wood
Hdwd.	Hardwood	W/O	Without
Hdwe.	Hardware	Wp.	Waterproof
H.M.	Hollow Metal	Wscot.	Wainscot
Horiz.	Horizontal	Wt.	Weight
Hr.	Hour		
Hgt.	Height		
I.D.	Inside Diameter (Dim.)		
Insul.	Insulation		
Int.	Interior		

### SYMBOLS KEY

	Detail Symbol
	Detail Number
	Drawing Number
	Section/Elevation Symbol
	Interior Elevations (Shaded Arrows Indicates Shown Elevations)
	Column Lines (Letters In Horizontal Direction, Numbers in Vertical Direction)
	Door Number
	Work Pt., Control Pt., Datum Point, Floor Elev. Pt.
	Equipment Type
	Millwork Item
	Disabled Facilities Symbol
	Window Type
	Louver Type
	Room Identification Room Name Room Number
	Partition Type Number
	Match Line
	Center Line
	Plan Blow-Up Symbol & Detail Symbol
	Revision (Cloud Around Revision Optional)
	F.D. Floor Drain
	R.D. Roof Drain
	C.D. Catch Drain
	O.H. Overflow Hole
	D.S.P. Dry Standpipe
	Finish Floor Elevations
	Fire Extinguishers
	Contract Limit Line

### MATERIALS KEY

	Earth/Compact Fill		Gypsum Bd.
	Porous Fill/Gravel		Finished Wood
	Conc. Masonry Unit		Blocking/Rough Wood
	Face/Common Brick		Glass
	Concrete		Rigid Insulation
	Sand/Mortar Plaster		Batt Insulation
	Stone		Brick Elev.
	Metals		Stone
	Plywood		Memb. W.P.

# CITY OF STOCKTON EDMUND S. 'ED' COY PARKING STRUCTURE

STOCKTON, CALIFORNIA

#### OWNER:

City of Stockton

#### DESIGN BUILDER:

F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209. 931. 3738

#### CONSULTANTS:

Architect - Permit Consultant  
**HNA / Pacific**  
61 Sea Breeze Avenue  
Rancho Palos Verdes, California 90275  
310. 544. 8870

Design Architect  
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246 E. Wash Street  
Stockton, California 95202  
209. 944. 9110

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**Jessier-Wright Structural Engineers**  
113 West 8th Avenue, Suite A  
Chico, California 95926  
530. 894. 5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
4045 Coronado Avenue  
Stockton, California 95204  
209. 943. 2021

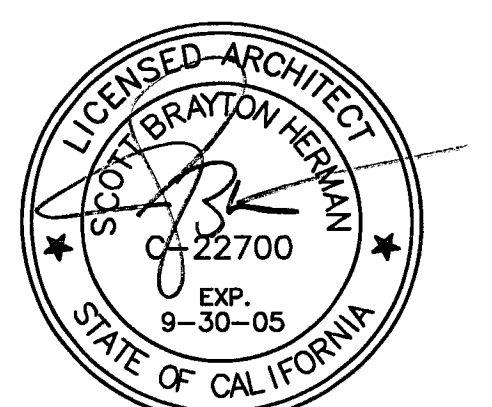
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
3650 Wilcox Road  
Stockton, California 95215  
209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
611 W. Fremont Street  
Stockton, California 95203  
209. 466. 3681

Mechanical Designer - Design/Builder  
**Comfort Air**  
1607 Turnpike Road  
Stockton, California 95201  
209. 466. 4801

#### CONST. DOCUMENTS

REVISIONS:	
11/29/04	PLANCHECK SET
3/11/05	PERMIT SET



#### SHEET TITLE

## SYMBOLS KEY MATERIALS KEY ABBREVIATIONS

DATE	SCALE
29. NOV. 2004	NO SCALE
DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2319A-0-5	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-0.5**

PROJECT NO:  
**HNA 2319**





**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
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 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:  
 Architect / Planning Consultant  
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 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

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**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

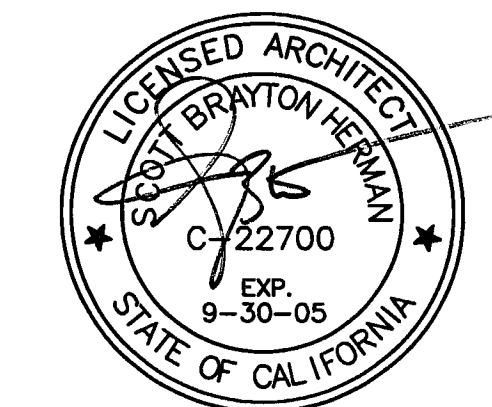
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:

11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



SHEET TITLE  
**SITE PLAN**

DATE 29, NOV. 2004	SCALE 3/32" = 1'-0"
DRAWN BY SBH	CHECKED BY SBH
DRAWING NO. 2319A-1-1	SHEET
PROGRAM NO.	R.-NO.

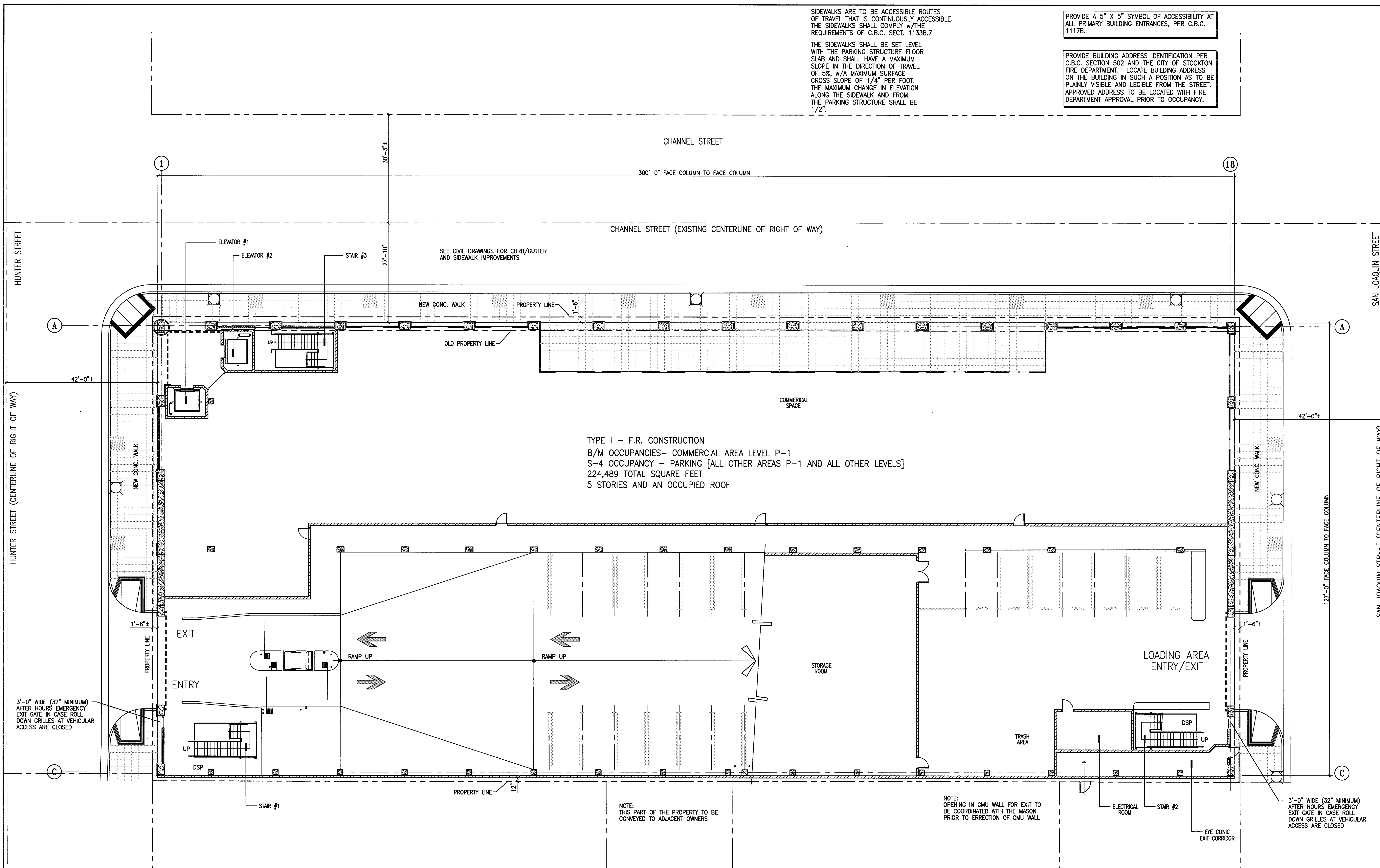
DRAWING NO:  
**A-11**  
 PROJECT NO:  
**H N A 2319**

SIDEWALKS ARE TO BE ACCESSIBLE ROUTES OF TRAVEL THAT IS CONTINUOUSLY ACCESSIBLE. THE SIDEWALKS SHALL COMPLY W/THE REQUIREMENTS OF C.B.C. SECT. 1133B.7

THE SIDEWALKS SHALL BE SET LEVEL WITH THE PARKING STRUCTURE FLOOR SLAB AND SHALL HAVE A MAXIMUM SLOPE IN THE DIRECTION OF TRAVEL OF 5%, W/A MAXIMUM SURFACE CROSS SLOPE OF 1/4" PER FOOT. THE MAXIMUM CHANGE IN ELEVATION ALONG THE SIDEWALK AND FROM THE PARKING STRUCTURE SHALL BE 1/2".

PROVIDE A 5" X 5" SYMBOL OF ACCESSIBILITY AT ALL PRIMARY BUILDING ENTRANCES, PER C.B.C. 1117B.

PROVIDE BUILDING ADDRESS IDENTIFICATION PER C.B.C. SECTION 502 AND THE CITY OF STOCKTON FIRE DEPARTMENT. LOCATE BUILDING ADDRESS ON THE BUILDING IN SUCH A POSITION AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET. APPROVED ADDRESS TO BE LOCATED WITH FIRE DEPARTMENT APPROVAL PRIOR TO OCCUPANCY.



TYPE I - F.R. CONSTRUCTION  
 B/M OCCUPANCIES- COMMERCIAL AREA LEVEL P-1  
 S-4 OCCUPANCY - PARKING [ALL OTHER AREAS P-1 AND ALL OTHER LEVELS]  
 224,489 TOTAL SQUARE FEET  
 5 STORIES AND AN OCCUPIED ROOF

4 HOUR FIRE RATED WALLS AT GRID C SHALL CONSIST OF 8" CONCRETE MASONRY WALLS - SOLID GROUTED (TABLE 7-B ITEM 6.14)  
 PROVIDE THROUGH PENETRATION FIRE STOPS AND SEALANTS AT WALL CONTROL JOINTS AND OTHER GAPS IN WALLS (TOP AND SIDES) TO ACHIEVE THE 4-HOUR RATED WALL ASSEMBLY. MATERIALS TO BE "3M - FIRE BARRIER 2000" (ER 3817) OR "TREMCO THROUGH PENETRATION FIRE STOP SYSTEMS" (ER 3198)

NOTE: THIS PART OF THE PROPERTY TO BE CONVEYED TO ADJACENT OWNERS

NOTE: OPENING IN CMU WALL FOR EXIT TO BE COORDINATED WITH THE MASON PRIOR TO ERECTION OF CMU WALL

SEE CIVIL DRAWINGS FOR LEGAL DESCRIPTION AND PARCEL/SITE DIMENSIONS AND BEARINGS

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:

City of Stockton

DESIGN BUILDER:

F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:

Architect - Planning Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670

Design Architect  
**Wensell Mattheis Bowe**  
 246 E. Wash Street  
 Stockton, California 95202  
 209.944.9110

Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95526  
 530.894.5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

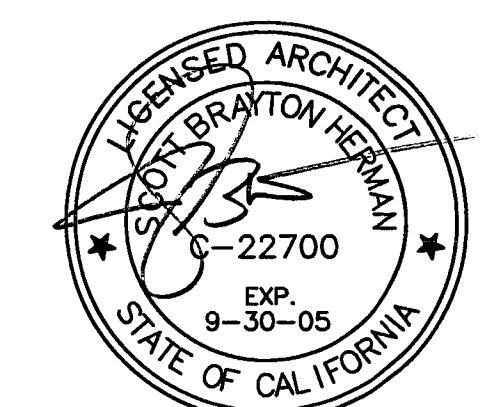
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601

**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET

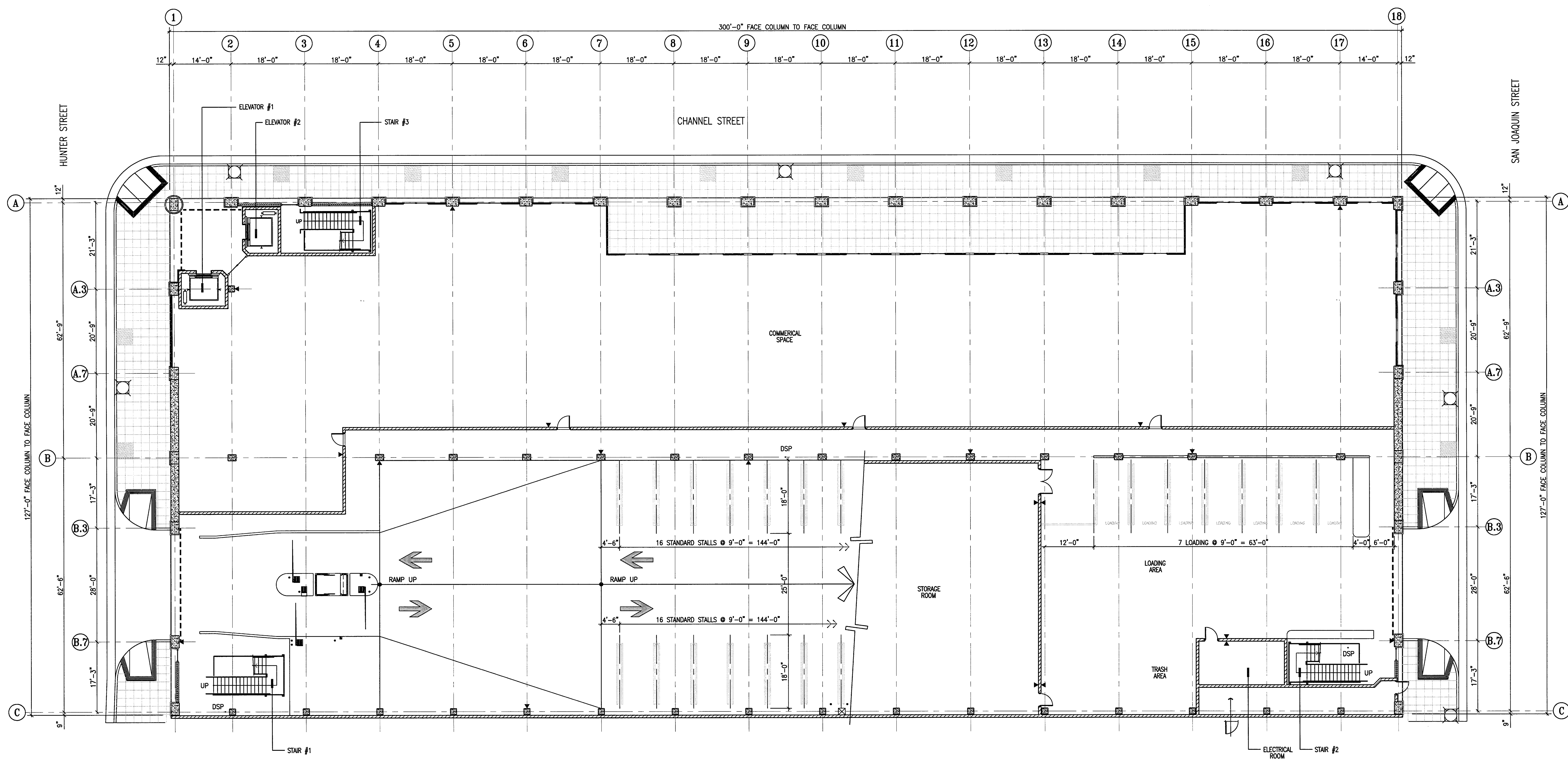


SHEET TITLE

**LEVEL P-1 STRIPING PLAN**

DATE	SCALE
29, NOV. 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2319A-2-1	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-21**  
 PROJECT NO:  
 HNA 2319



- STRIPING NOTES**
- 90 DEGREE STANDARD STALLS ARE 9'-0" IN WIDTH AND ARE 18'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS
  - 90 DEGREE COMPACT STALLS ARE 9'-0" IN WIDTH AND ARE 15'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS
  - COMPACT STALLS ARE DENOTED BY "COMPACT" SEE DETAIL 3/A-11.1 FOR STALL MARKING
  - ALL DRIVE AISLES ARE 25'-0" WIDE (MINIMUM)
  - ALL 90 DEGREE DISABLED SPACES ARE 9'-0" WIDE X 18'-0" LONG (MINIMUM), WITH A 5'-0" WIDE LOADING AISLE (MINIMUM), & 8'-0" WIDE LOADING AISLE AT VAN ACCESSIBLE SPACES. SEE DETAILS 2 & 3/A-11.1 & 1 & 2/A-11.2 FOR TYPICAL DISABLED SIGNAGE AND SYMBOLS.
  - SEE SHEET A-11.1 FOR TYP. STRIPING DETAILS.
  - SEE DETAIL 4/A-11.1 FOR TRAFFIC ARROWS.
  - SEE DETAIL 5/A-11.1 FOR CONC. WHEELSTOPS.
  - SEE DETAIL 7/A-11.1 FOR PAINTED STOP SIGNS.
  - ▶ INDICATES FIRE EXTINGUISHERS W/CABINETS.

1  
 A-21  
**LEVEL P-1 STRIPING PLAN**  
 SCALE: 3/32" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:

City of Stockton

DESIGN BUILDER:

**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:

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 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 8670

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**Wenell Matthews Bowe**  
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**Jessien-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
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 530. 894. 6345

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**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

Plumbing Designer - Design/Builder  
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 209. 931. 9650

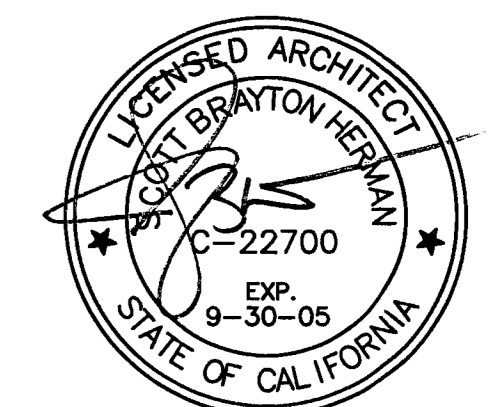
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Wright Air**  
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**CONST. DOCUMENTS**

REVISIONS:

11/29/04 PLANCHCK SET  
 3/11/05 PERMIT SET



SHEET TITLE

**LEVEL P-2 STRIPING PLAN**

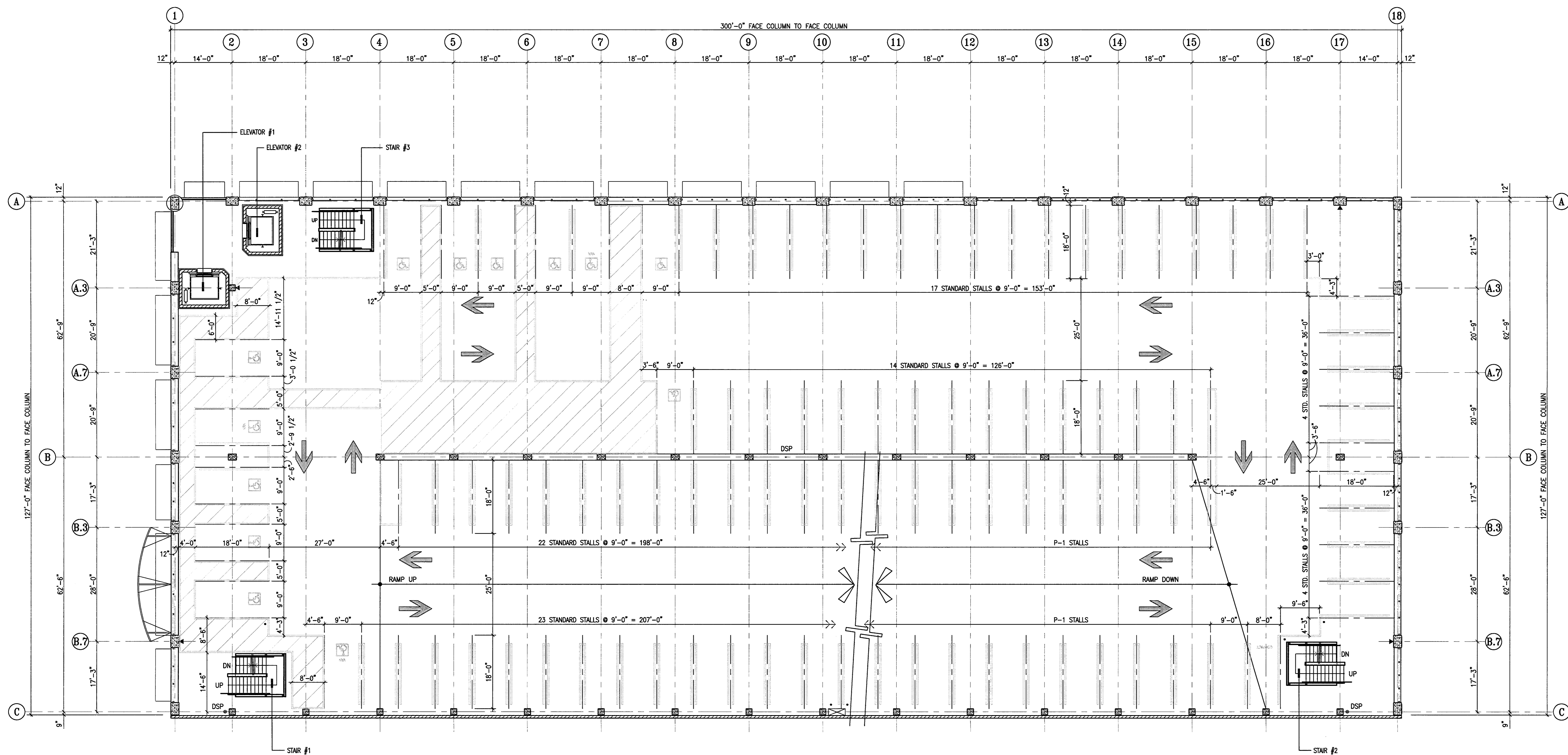
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DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2318A-2-2	
PROGRAM NO.	R. NO.

DRAWING NO:

**A-2.2**

PROJECT NO:

**HNA 2319**



- STRIPING NOTES**
- 90 DEGREE STANDARD STALLS ARE 9'-0" IN WIDTH AND ARE 15'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS.
  - 90 DEGREE COMPACT STALLS ARE 9'-0" IN WIDTH AND ARE 15'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS.
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  - SEE SHEET A-11.1 FOR TYP. STRIPING DETAILS.
  - SEE DETAIL 4/A-11.1 FOR TRAFFIC ARROWS.
  - SEE DETAIL 5/A-11.1 FOR CONC. WHEELSTOPS.
  - SEE DETAIL 7/A-11.1 FOR PAINTED STOP SIGNS.
  - INDICATES FIRE EXTINGUISHERS W/CABINETS.

1  
**LEVEL P-2 STRIPING PLAN**  
 SCALE: 3/32" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
 City of Stockton

**DESIGN BUILDER:**  
**F&H Construction**  
 4945 Waterloo Road  
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 209.931.3738

**CONSULTANTS:**  
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**Design Architect**  
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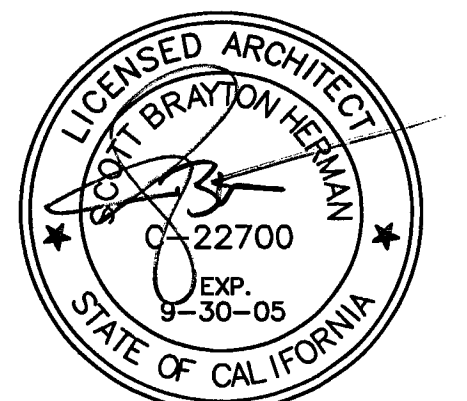
**Plumbing Designer - Design/Builder**  
**HRM Plumbing**  
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 209.931.9650

**Electrical Designer - Design/Builder**  
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**Mechanical Designer - Design/Builder**  
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**CONST. DOCUMENTS**

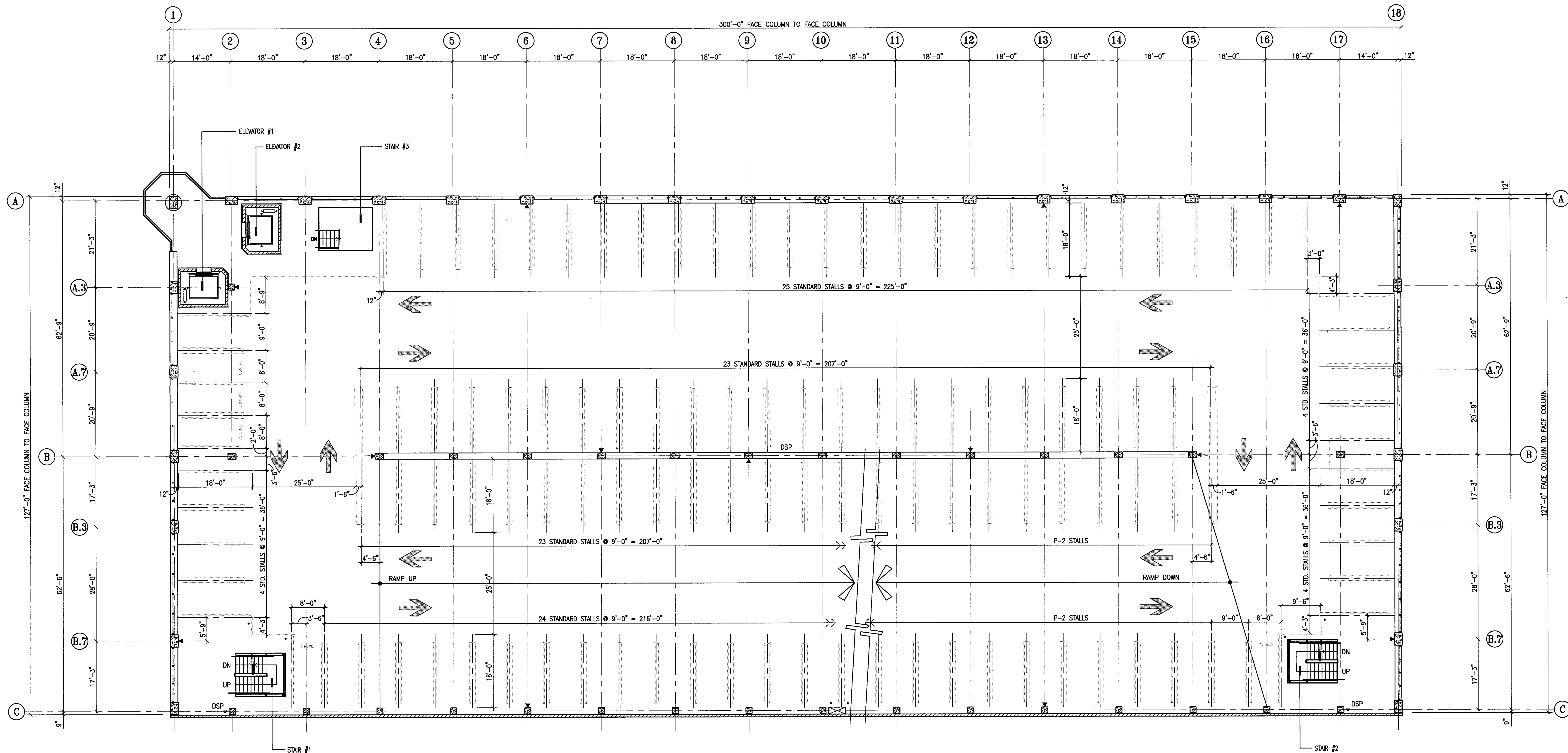
<b>REVISIONS:</b>	
11/29/04	PLANCHECK SET
3/11/05	PERMIT SET



**SHEET TITLE**  
**LEVEL P-3**  
**STRIPING PLAN**

<b>DATE</b>	<b>SCALE</b>
29, NOV. 2004	3/32" = 1'-0"
<b>DRAWN BY</b>	<b>CHECKED BY</b>
SBH	SBH
<b>DRAWING NO.</b>	<b>SHEET</b>
2319A-2-3	
<b>PROGRAM NO.</b>	<b>R-NO.</b>

**DRAWING NO:**  
**A-2.3**  
**PROJECT NO:**  
 HNA 2319



- STRIPING NOTES**
- 90 DEGREE STANDARD STALLS ARE 9'-0" IN WIDTH AND ARE 18'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS.
  - 90 DEGREE COMPACT STALLS ARE 9'-0" IN WIDTH AND ARE 15'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS. COMPACT STALLS ARE DENOTED BY "COMPACT" SEE DETAIL 3/A-11.1 FOR STALL MARKING.
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  - SEE DETAIL 4/A-11.1 FOR TRAFFIC ARROWS.
  - SEE DETAIL 5/A-11.1 FOR CONC. WHEELSTOPS.
  - SEE DETAIL 7/A-11.1 FOR PAINTED STOP SIGNS.
  - INDICATES FIRE EXTINGUISHERS W/CABINETS.

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:  
 Architect - Parking Consultant  
**HNA Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670

Design Architect  
**Wenell Matthews Bowe**  
 245 E. Main Street  
 Stockton, California 95202  
 209.944.9110

Structural Engineer  
**Jensen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.6345

Civil Engineer  
**Sheffried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

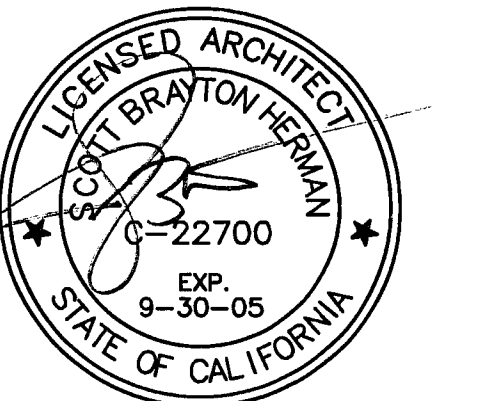
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.9691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601

**CONST. DOCUMENTS**

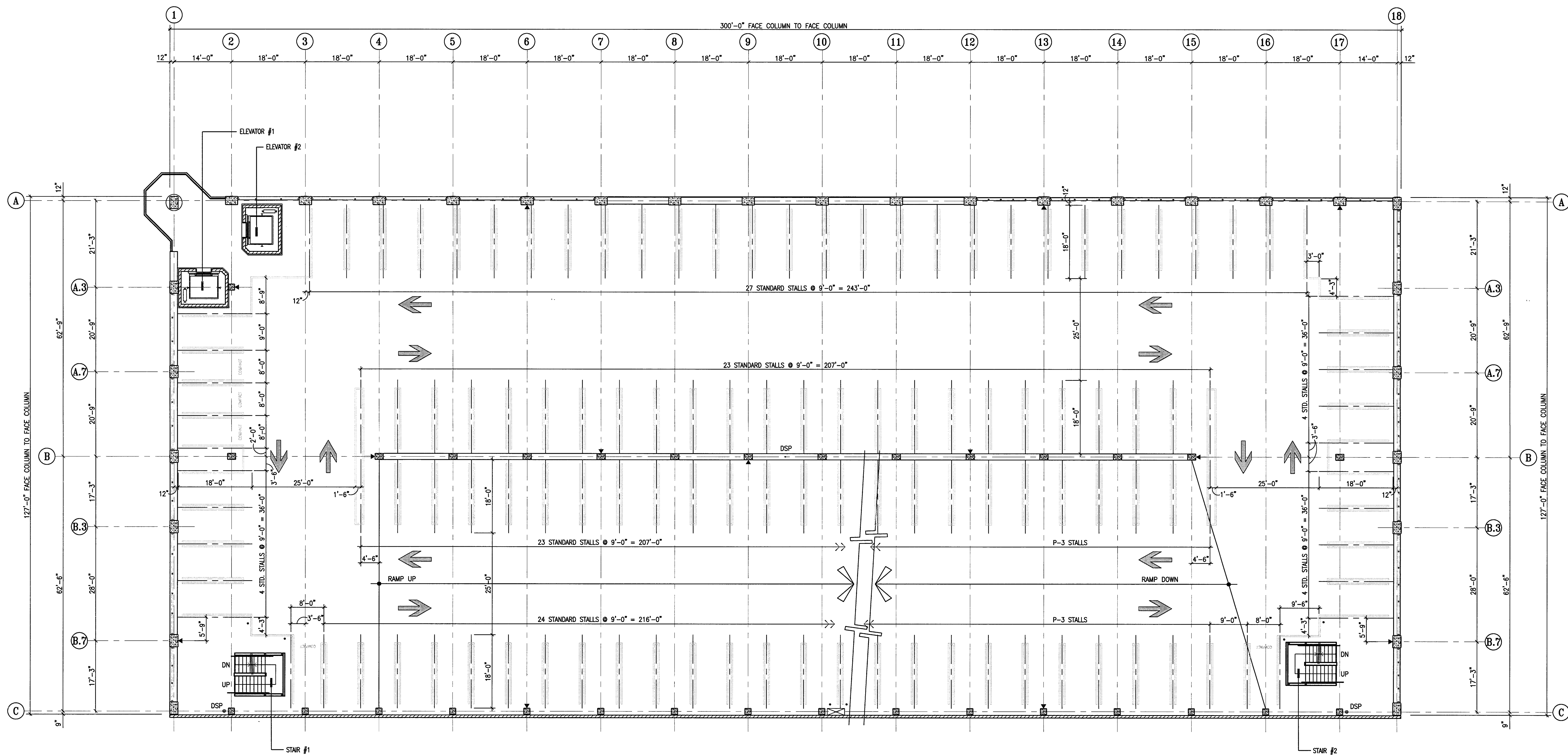
REVISIONS:	
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



SHEET TITLE  
**LEVEL P-4 STRIPING PLAN**

DATE	SCALE
29, NOV. 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2319A-2-4	
PROGRAM NO.	R.NO.

DRAWING NO:  
**A-2.4**  
 PROJECT NO:  
**HNA 2319**



- STRIPING NOTES**
- 90 DEGREE STANDARD STALLS ARE 9'-0" IN WIDTH AND ARE 18'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS.
  - 90 DEGREE COMPACT STALLS ARE 9'-0" IN WIDTH AND ARE 15'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS.
  - COMPACT STALLS ARE DENOTED BY "COMPACT" SEE DETAIL 3/A-11.1 FOR STALL MARKING.
  - ALL DRIVE AISLES ARE 25'-0" WIDE (MINIMUM).
  - ALL 90 DEGREE DISABLED SPACES ARE 9'-0" WIDE X 18'-0" LONG (MINIMUM), WITH A 5'-0" WIDE LOADING AISLE (MINIMUM), & 8'-0" WIDE LOADING AISLE AT VAN ACCESSIBLE SPACES. SEE DETAILS 2 & 3/A-11.1 & 1 & 2/A-11.2 FOR TYPICAL DISABLED SIGNAGE AND SYMBOLS.
  - SEE SHEET A-11.1 FOR TYP. STRIPING DETAILS.
  - SEE DETAIL 4/A-11.1 FOR TRAFFIC ARROWS.
  - SEE DETAIL 5/A-11.1 FOR CONC. WHEELSTOPS.
  - SEE DETAIL 7/A-11.1 FOR PAINTED STOP SIGNS.
  - INDICATES FIRE EXTINGUISHERS W/CABINETS.

LEVEL P-4 STRIPING PLAN  
 SCALE: 3/32" = 1'-0"



**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
 City of Stockton

**DESIGN BUILDER:**  
 F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

**CONSULTANTS:**  
 Architect - Permit Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palms Verdes, California 90275  
 310. 544. 8670  
 Design Architect  
**Wanell Mattheis Bowe**  
 246 E. Wash Street  
 Stockton, California 95202  
 209. 944. 9110  
 Structural Engineer  
**Jessie Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

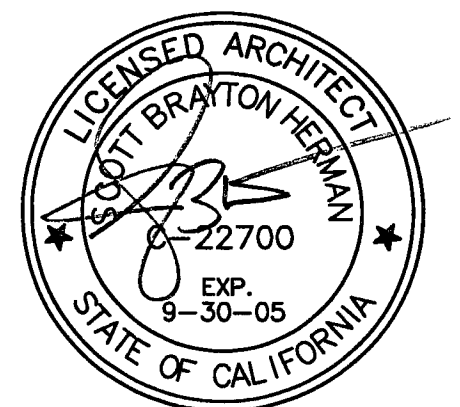
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 9550 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Tumpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:	
	11/29/04 PLANCHHECK SET
	3/11/05 PERMIT SET



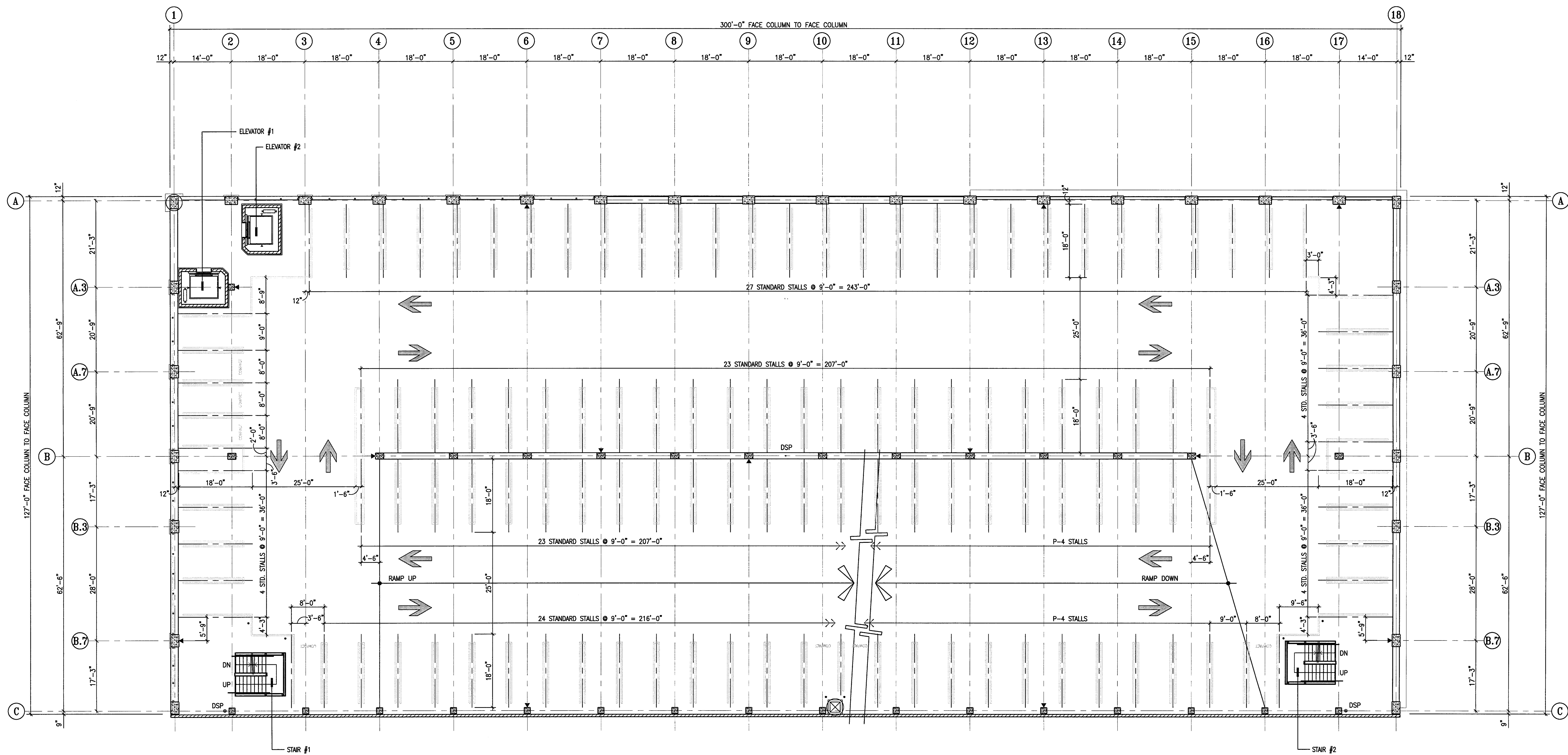
SHEET TITLE

**LEVEL P-5**  
**STRIPING PLAN**

DATE	SCALE
29. NOV. 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2319A-2-5	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-25**

PROJECT NO:  
**H N A 2319**



- STRIPING NOTES**
- 90 DEGREE STANDARD STALLS ARE 9'-0" IN WIDTH AND ARE 18'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS.
  - 90 DEGREE COMPACT STALLS ARE 9'-0" IN WIDTH AND ARE 15'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS.
  - COMPACT STALLS ARE DENOTED BY "COMPACT" SEE DETAIL 3/A-11.1 FOR STALL MARKING.
  - ALL DRIVE AISLES ARE 25'-0" WIDE (MINIMUM).
  - ALL 90 DEGREE DISABLED SPACES ARE 9'-0" WIDE X 18'-0" LONG (MINIMUM), WITH A 5'-0" WIDE LOADING AISLE (MINIMUM), & 8'-0" WIDE LOADING AISLE AT VAN ACCESSIBLE SPACES.
  - SEE DETAILS 2 & 8/A-11.1 & 1 & 2/A-11.2 FOR TYPICAL DISABLED SIGNAGE AND SYMBOLS.
  - SEE SHEET A-11.1 FOR TYP. STRIPING DETAILS.
  - SEE DETAIL 4/A-11.1 FOR TRAFFIC ARROWS.
  - SEE DETAIL 5/A-11.1 FOR CONC. WHEELSTOPS.
  - SEE DETAIL 7/A-11.1 FOR PAINTED STOP SIGNS.
  - INDICATES FIRE EXTINGUISHERS W/CABINETS.

true north plan north  
  
**1**  
**A-25**  
**LEVEL P-5 STRIPING PLAN**  
 SCALE: 3/32" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

**OWNER:**  
 City of Stockton

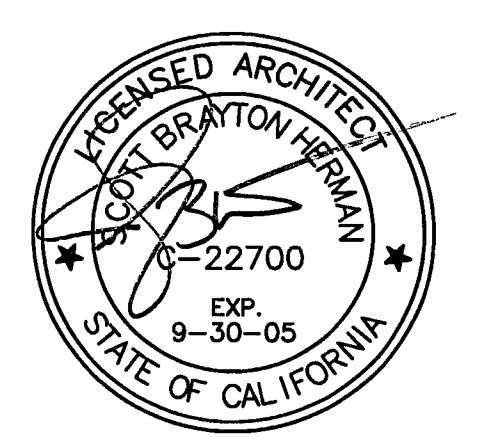
**DESIGN BUILDER:**  
 F&H Construction  
 4945 Wisteria Road  
 Stockton, California 95215  
 209. 931. 3738

**CONSULTANTS:**  
 Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 8670  
 Design Architect  
**Wenell Matthews Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110  
 Structural Engineer  
**Jessier-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 6345  
 Civil Engineer  
**Siegrist Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021  
 Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9550  
 Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691  
 Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Tumpke Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

**REVISIONS:**

11/29/04	PLANCHCK SET
3/11/05	PERMIT SET

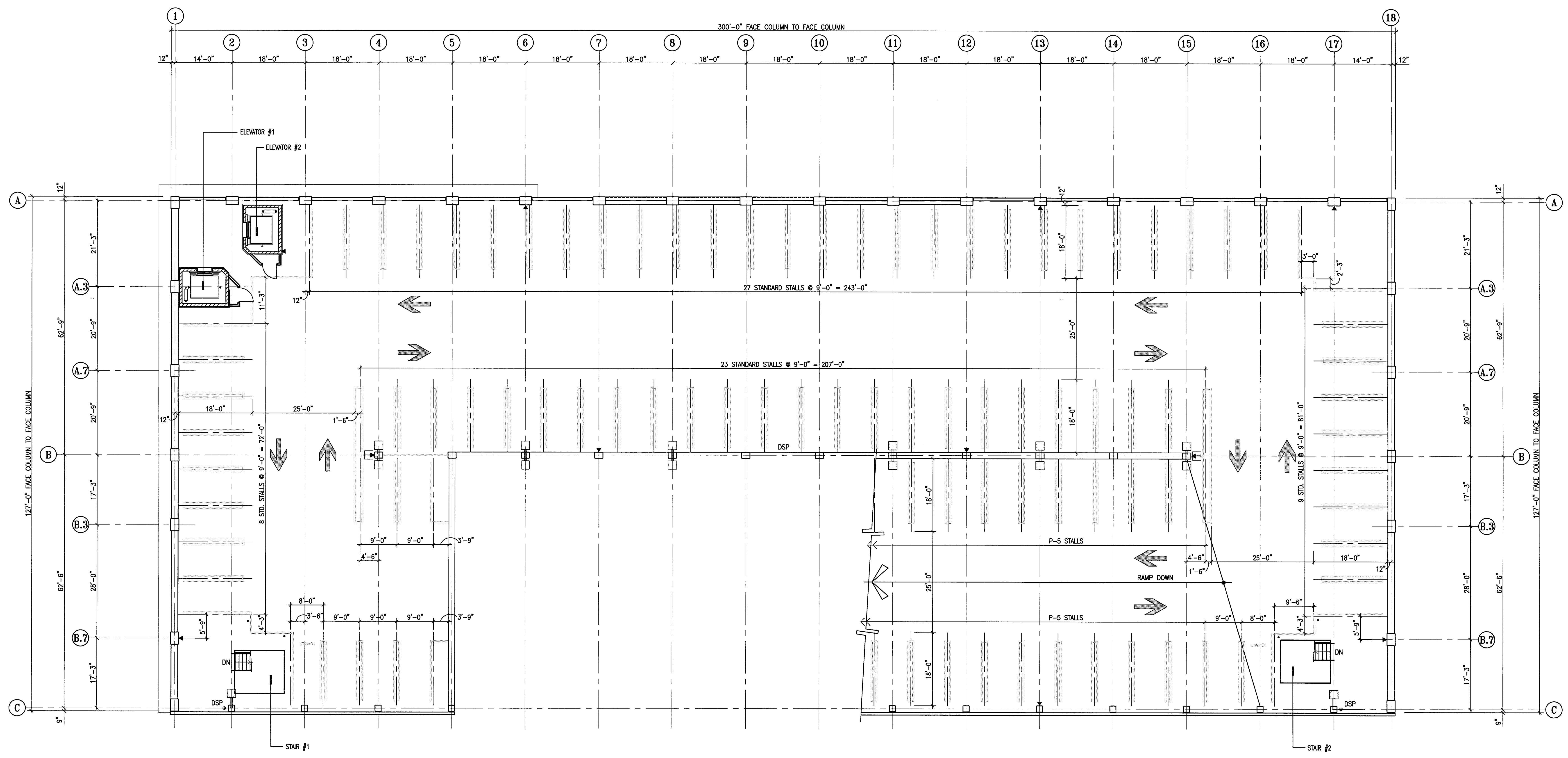


**SHEET TITLE**

**LEVEL P-6 STRIPING PLAN**

<b>DATE</b> 29. NOV. 2004	<b>SCALE</b> 3/32" = 1'-0"
<b>DRAWN BY</b> SBH	<b>CHECKED BY</b> SBH
<b>DRAWING NO.</b> 2319A-2-6	<b>SHEET</b>
<b>PROGRAM NO.</b>	<b>R-NO.</b>

**DRAWING NO:**  
**A-2.6**  
**PROJECT NO:**  
 HNA 2319



- STRIPING NOTES**
- 90 DEGREE STANDARD STALLS ARE 9'-0" IN WIDTH AND ARE 18'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS
  - 90 DEGREE COMPACT STALLS ARE 9'-0" IN WIDTH AND ARE 15'-0" LONG, TYPICAL, U.N.O. SEE PLANS FOR STALL DIMENSIONS
  - COMPACT STALLS ARE DENOTED BY "COMPACT" SEE DETAIL 3/A-11.1 FOR STALL MARKING
  - ALL DRIVE AISLES ARE 25'-0" WIDE (MINIMUM).
  - ALL 90 DEGREE DISABLED SPACES ARE 9'-0" WIDE X 18'-0" LONG (MINIMUM), WITH A 5'-0" WIDE LOADING AISLE (MINIMUM), & 8'-0" WIDE LOADING AISLE AT VAN ACCESSIBLE SPACES. SEE DETAILS 2 & 5/A-11.1 & 1 & 2/A-11.2 FOR TYPICAL DISABLED SIGNAGE AND SYMBOLS.
  - SEE SHEET A-11.1 FOR TYP. STRIPING DETAILS.
  - SEE DETAIL 4/A-11.1 FOR TRAFFIC ARROWS.
  - SEE DETAIL 5/A-11.1 FOR CONC. WHEELSTOPS.
  - SEE DETAIL 7/A-11.1 FOR PAINTED STOP SIGNS.
  - INDICATES FIRE EXTINGUISHERS W/CABINETS.

LEVEL P-6 STRIPING PLAN  
 SCALE: 3/32" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:  
 Architect / Planning Consultant  
**HNA Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670

Design Architect  
**Wenell Matthews Bowe**  
 248 E. Main Street  
 Stockton, California 95202  
 209.944.9110

Structural Engineer  
**Jessens-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.6345

Civil Engineer  
**Sheffield Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

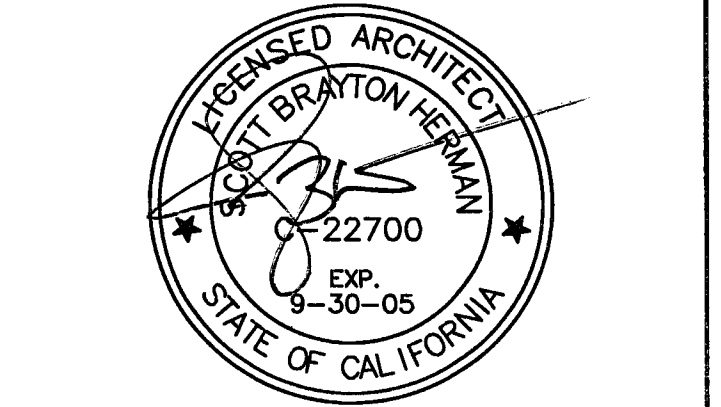
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.9691

Mechanical Designer - Design/Builder  
**Cooper Mechanical**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601

**CONST. DOCUMENTS**

REVISIONS:		
11/29/04	PLANCHECK SET	
3/11/05	PERMIT SET	

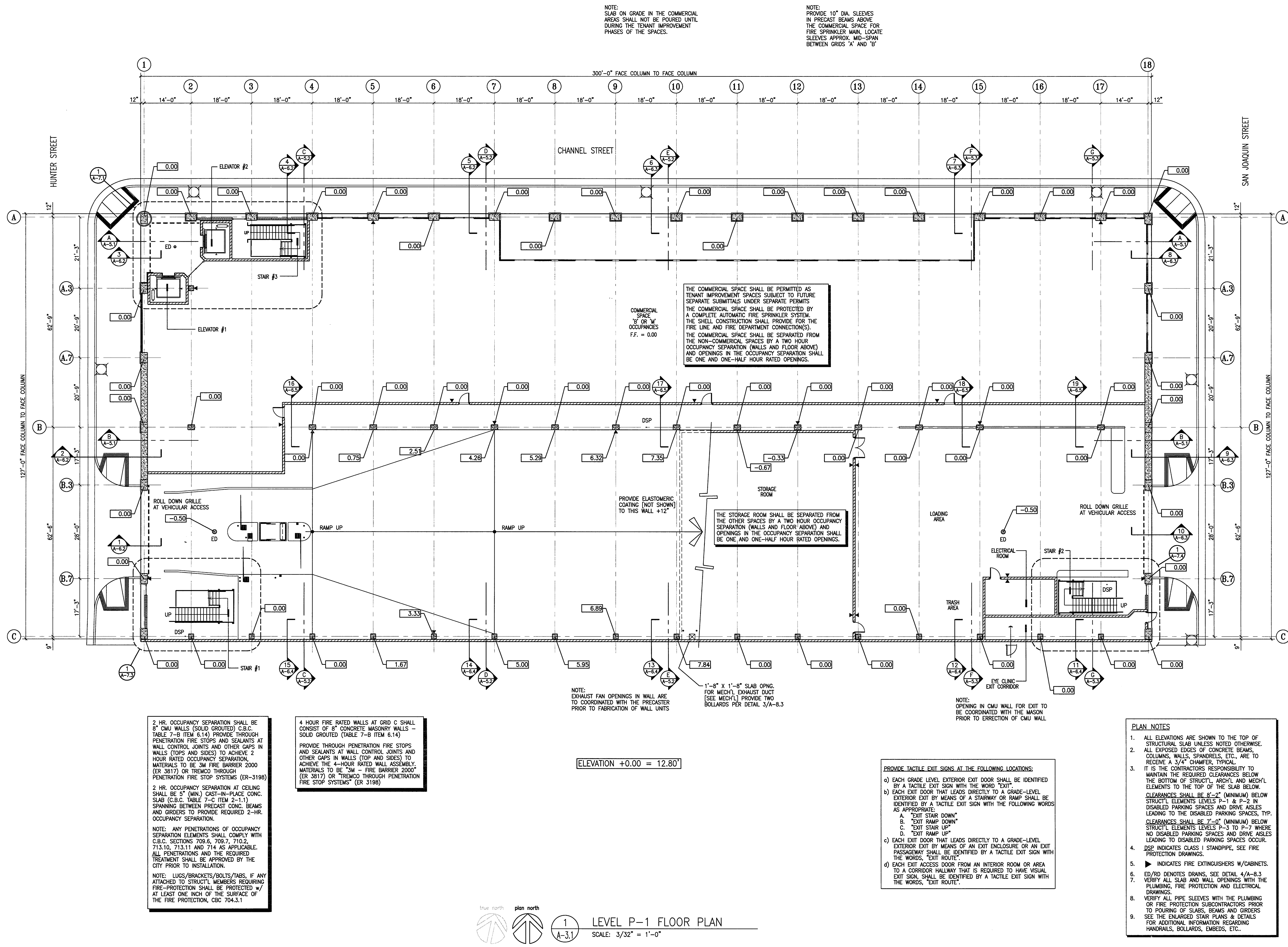


SHEET TITLE

**LEVEL P-1 FLOOR PLAN**

DATE	SCALE
29, NOV. 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
ACL	SBH
DRAWING NO.	SHEET
2319A-3-1	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-3.1**  
 PROJECT NO:  
 H N A 2319



**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:

Architect - Planning Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 8670

Design Architect  
**Wenell Matthews Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
**Jessam-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 6345

Civil Engineer  
**Sieffried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

Primary Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

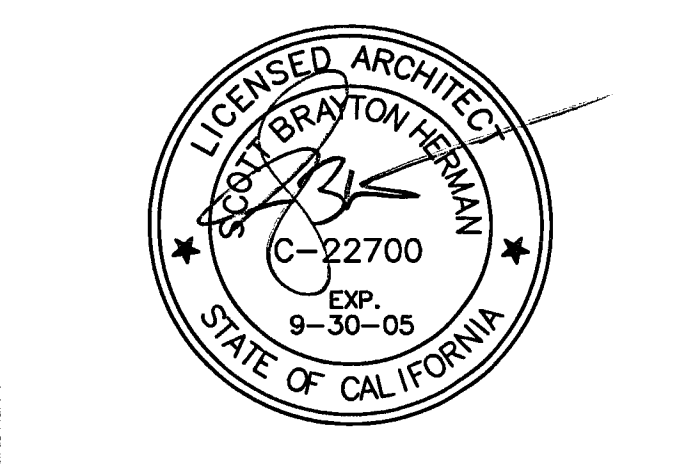
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 9891

Mechanical Designer - Design/Builder  
**COIT Mechanical**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:

11/29/04	PLANCHECK SET
3/11/05	PERMIT SET



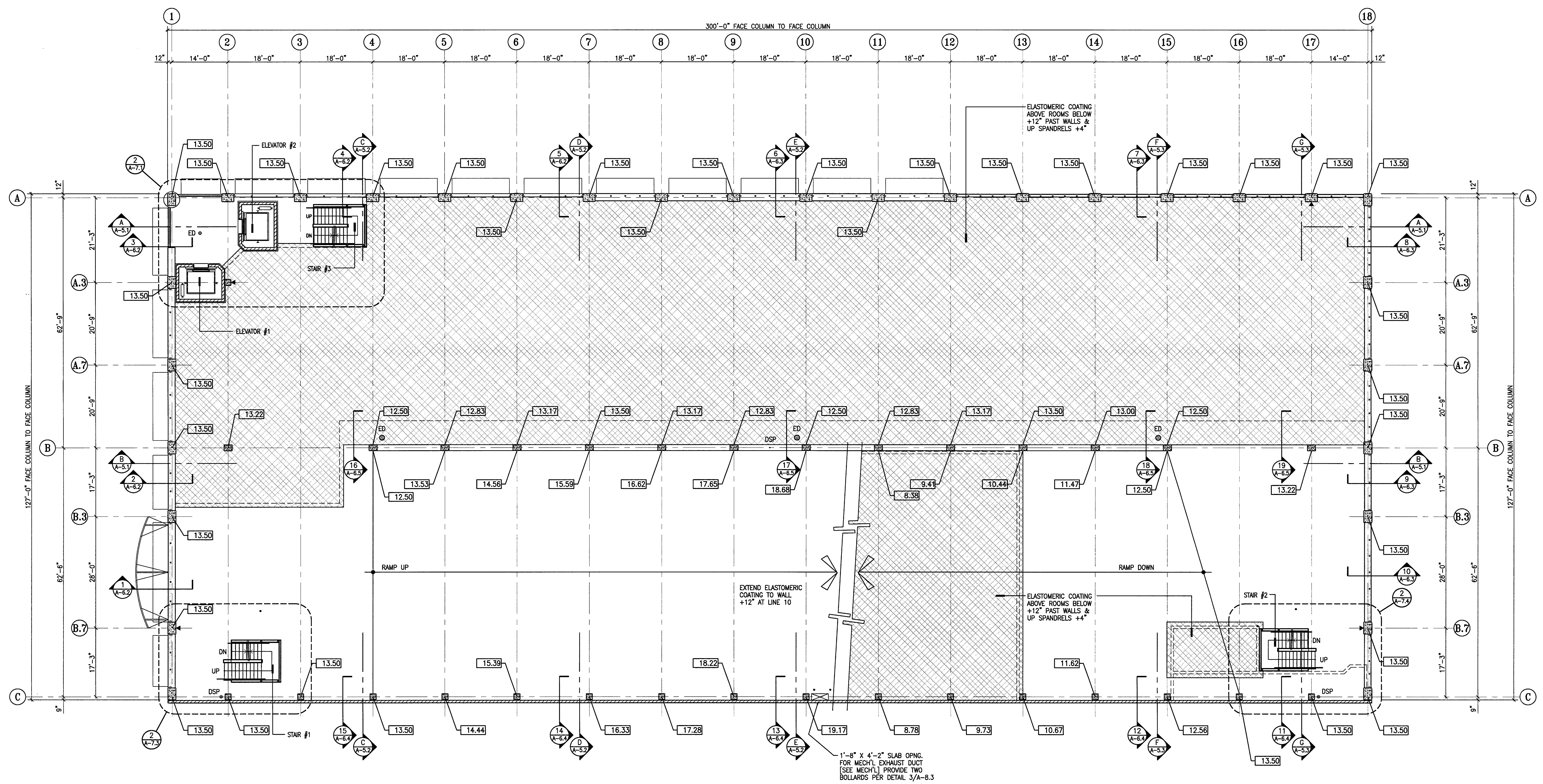
SHEET TITLE

**LEVEL P-2 FLOOR PLAN**

DATE	SCALE
29, NOV. 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
ACL	SBH
DRAWING NO.	SHEET
2319A-3-2	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-3.2**

PROJECT NO:  
 HNA 2319



4 HOUR FIRE RATED WALLS AT GRID C SHALL CONSIST OF 8" CONCRETE MASONRY WALLS - SOLID GROUTED (TABLE 7-B ITEM 6.14)

PROVIDE THROUGH PENETRATION FIRE STOPS AND SEALANTS AT WALL CONTROL JOINTS AND OTHER GAPS IN WALLS (TOP AND SIDES) TO ACHIEVE THE 4-HOUR RATED WALL ASSEMBLY. MATERIALS TO BE "SM - FIRE BARRIER 2000" (ER 3817) OR "TREMCO THROUGH PENETRATION FIRE STOP SYSTEMS" (ER 3198)

ELEVATION +0.00 = 12.80'

- PLAN NOTES**
- ALL ELEVATIONS ARE SHOWN TO THE TOP OF STRUCTURAL SLAB UNLESS NOTED OTHERWISE.
  - ALL EXPOSED EDGES OF CONCRETE BEAMS, COLUMNS, WALLS, SPANDRELS, ETC., ARE TO RECEIVE A 3/4" CHAMFER, TYPICAL.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE REQUIRED CLEARANCES BELOW THE BOTTOM OF STRUCT'L ARCH'L AND MECH'L ELEMENTS TO THE TOP OF THE SLAB BELOW. CLEARANCES SHALL BE 6'-2" (MINIMUM) BELOW STRUCT'L ELEMENTS LEVELS P-1 & P-2 IN DISABLED PARKING SPACES AND DRIVE AISLES LEADING TO THE DISABLED PARKING SPACES, TYP. CLEARANCES SHALL BE 7'-0" (MINIMUM) BELOW STRUCT'L ELEMENTS LEVELS P-3 TO P-2 WHERE NO DISABLED PARKING SPACES AND DRIVE AISLES LEADING TO DISABLED PARKING SPACES OCCUR.
  - DSP INDICATES CLASS I STANDPIPE. SEE FIRE PROTECTION DRAWINGS.
  - ▶ INDICATES FIRE EXTINGUISHERS W/CABINETS.
  - ED/RD DENOTES DRAINS. SEE DETAIL 4/A-8.3
  - VERIFY ALL SLAB AND WALL OPENINGS WITH THE PLUMBING, FIRE PROTECTION AND ELECTRICAL DRAWINGS.
  - VERIFY ALL PIPE SLEEVES WITH THE PLUMBING OR FIRE PROTECTION SUBCONTRACTORS PRIOR TO POURING OF SLABS, BEAMS AND GIRDERS. SEE THE ENLARGED STAIR PLANS & DETAILS FOR ADDITIONAL INFORMATION REGARDING HANDRAILS, BOLLARDS, EMBEDS, ETC..

# CITY OF STOCKTON EDMUND S. 'ED' COY PARKING STRUCTURE

STOCKTON, CALIFORNIA

**OWNER:**

City of Stockton

**DESIGN BUILDER:**

F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209.931.3738

**CONSULTANTS:**

Architect - Parking Consultant  
**HNA / Pacific**  
61 Sea Breeze Avenue  
Rancho Palos Verdes, California 90275  
310.544.8870

Design Architect  
**Wenell Matthews Bows**  
246 E. Main Street  
Stockton, California 95202  
209.944.9110

Structural Engineer  
**Jessen-Wright Structural Engineers**  
113 West 8th Avenue, Suite A  
Chico, California 95926  
530.894.5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
4045 Coronado Avenue  
Stockton, California 95204  
209.943.2021

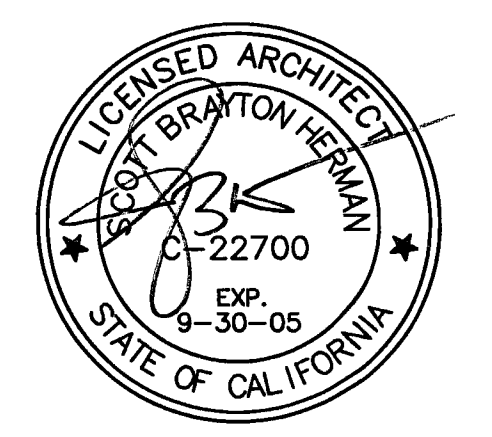
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
3650 Wilcox Road  
Stockton, California 95215  
209.931.9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
611 W. Fremont Street  
Stockton, California 95203  
209.466.3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
1607 Turnpike Road  
Stockton, California 95201  
209.466.4601

**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHECK SET
3/11/05	PERMIT SET



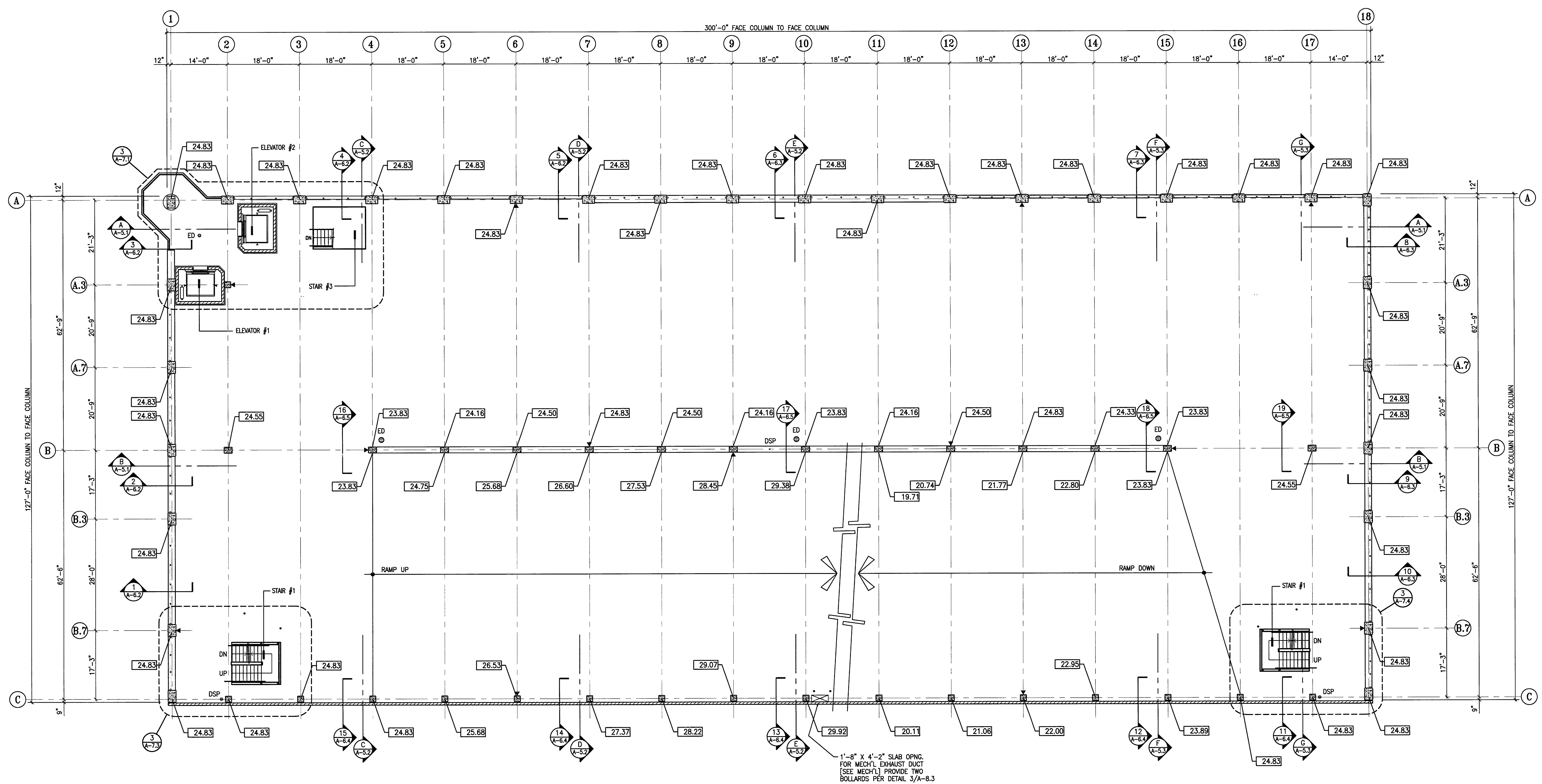
SHEET TITLE

**LEVEL P-3  
FLOOR PLAN**

DATE	29. NOV. 2004	SCALE	3/32" = 1'-0"
DRAWN BY	ACL	CHECKED BY	SBH
DRAWING NO.	2319A-3-3	SHEET	
PROGRAM NO.		R-NO.	

DRAWING NO:  
**A-3.3**

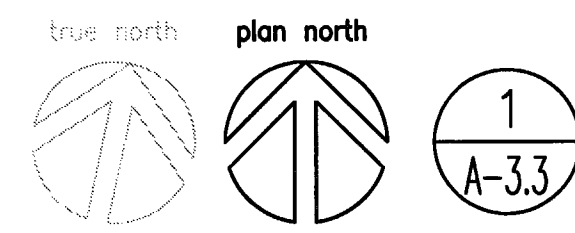
PROJECT NO:  
HNA 2319



4 HOUR FIRE RATED WALLS AT GRID C SHALL CONSIST OF 8" CONCRETE MASONRY WALLS - SOLID GROUTED (TABLE 7-B ITEM 6.14)

PROVIDE THROUGH PENETRATION FIRE STOPS AND SEALANTS AT WALL CONTROL JOINTS AND OTHER GAPS IN WALLS (TOP AND SIDES) TO ACHIEVE THE 4-HOUR RATED WALL ASSEMBLY. MATERIALS TO BE "SM - FIRE BARRIER 2000" (ER 3817) OR "TREMCO THROUGH PENETRATION FIRE STOP SYSTEMS" (ER 3198)

- PLAN NOTES**
- ALL ELEVATIONS ARE SHOWN TO THE TOP OF STRUCTURAL SLAB UNLESS NOTED OTHERWISE.
  - ALL EXPOSED EDGES OF CONCRETE BEAMS, COLUMNS, WALLS, SPANDRELS, ETC., ARE TO RECEIVE A 3/4" CHAMFER, TYPICAL.
  - IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN THE REQUIRED CLEARANCES BELOW THE BOTTOM OF STRUCT'L, ARCH'L AND MECH'L ELEMENTS TO THE TOP OF THE SLAB BELOW. CLEARANCES SHALL BE 2" (MINIMUM) BELOW STRUCT'L ELEMENTS LEVELS P-1 & P-2 IN DISABLED PARKING SPACES AND DRIVE AISLES LEADING TO THE DISABLED PARKING SPACES, TYP. CLEARANCES SHALL BE 7'-0" (MINIMUM) BELOW STRUCT'L ELEMENTS LEVELS P-3 TO P-7 WHERE NO DISABLED PARKING SPACES AND DRIVE AISLES LEADING TO DISABLED PARKING SPACES OCCUR.
  - DSP INDICATES CLASS I STANDPIPE, SEE FIRE PROTECTION DRAWINGS.
  - ▶ INDICATES FIRE EXTINGUISHERS W/CABINETS.
  - ED/RD DENOTES DRAINS, SEE DETAIL 4/A-8.3
  - VERIFY ALL SLAB AND WALL OPENINGS WITH THE PLUMBING, FIRE PROTECTION AND ELECTRICAL DRAWINGS.
  - VERIFY ALL PIPE SLEEVES WITH THE PLUMBING OR FIRE PROTECTION SUBCONTRACTORS PRIOR TO POURING OF SLABS, BEAMS AND GIRDERS. SEE THE ENLARGED STAIR PLANS & DETAILS FOR ADDITIONAL INFORMATION REGARDING HANDRAILS, BOLLARDS, EMBEDS, ETC..



1  
A-3.3  
LEVEL P-3 FLOOR PLAN  
SCALE: 3/32" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
 City of Stockton

**DESIGN BUILDER:**  
 F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

**CONSULTANTS:**  
 Architect - Planning Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 8670

Design Architect  
**Wanell Mattheis Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
**Wesley Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

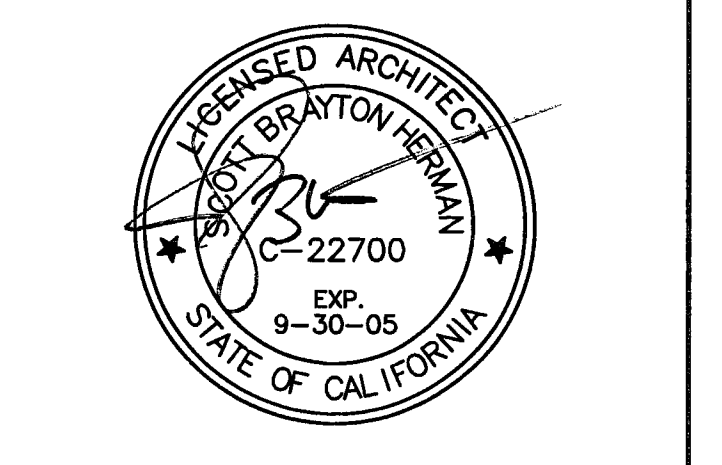
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Tumple Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHHECK SET
3/11/05	PERMIT SET

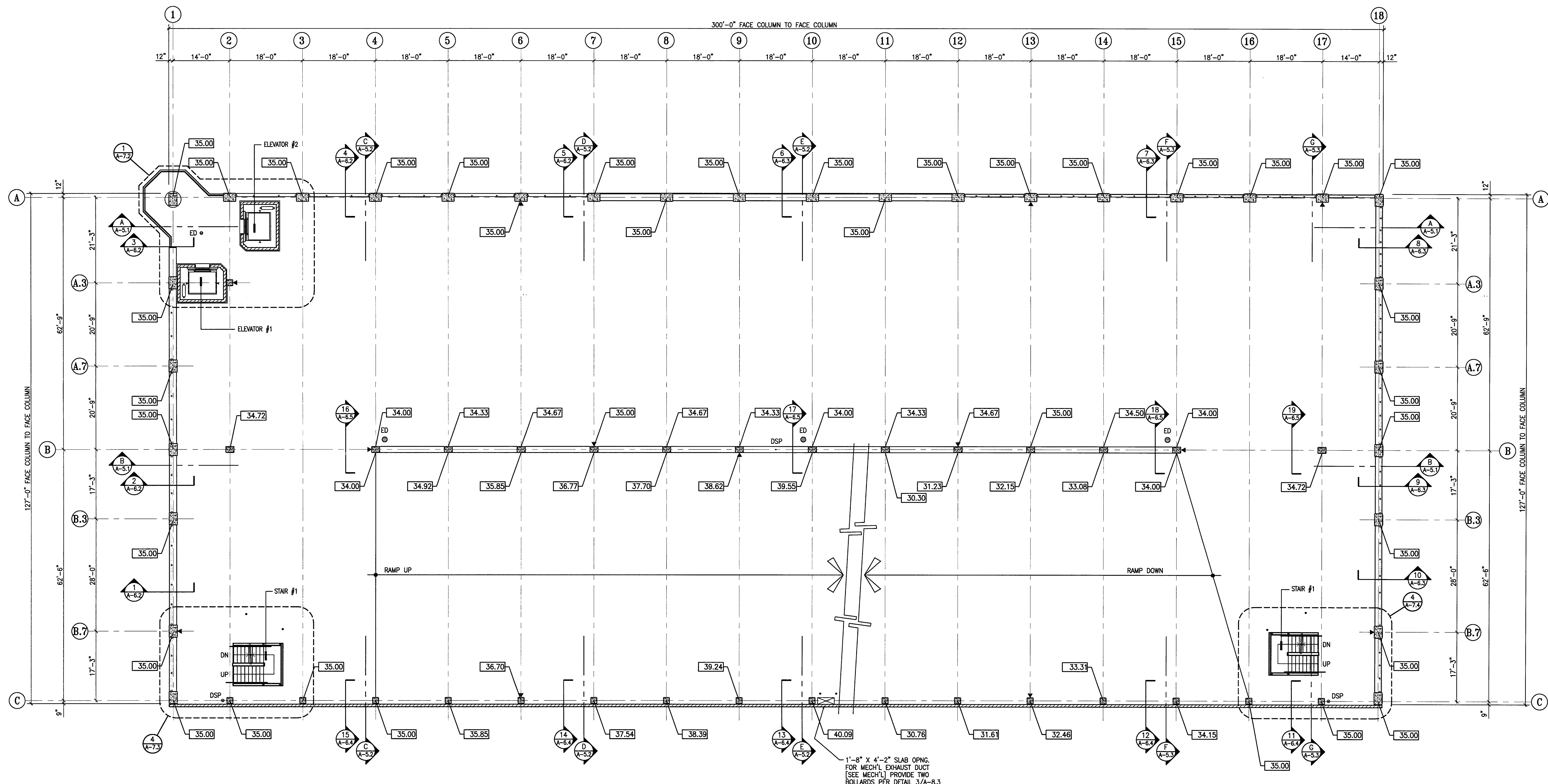


SHEET TITLE

**LEVEL P-4 FLOOR PLAN**

DATE	SCALE
29, NOV. 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
ACL	SBH
DRAWING NO.	SHEET
2319A-3-4	
PROGRAM NO.	R.NO.

DRAWING NO:  
**A-3.4**  
 PROJECT NO:  
 H N A 2319



4 HOUR FIRE RATED WALLS AT GRID C SHALL CONSIST OF 8" CONCRETE MASONRY WALLS - SOLID GROUTED (TABLE 7-B ITEM 6.14)  
 PROVIDE THROUGH PENETRATION FIRE STOPS AND SEALANTS AT WALL CONTROL JOINTS AND OTHER GAPS IN WALLS (TOP AND SIDES) TO ACHIEVE THE 4-HOUR RATED WALL ASSEMBLY. MATERIALS TO BE "SM - FIRE BARRIER 2000" (ER 3817) OR "TREMCO THROUGH PENETRATION FIRE STOP SYSTEMS" (ER 3198)

ELEVATION +0.00 = 12.80'

- PLAN NOTES**
- ALL ELEVATIONS ARE SHOWN TO THE TOP OF STRUCTURAL SLAB UNLESS NOTED OTHERWISE.
  - ALL EXPOSED EDGES OF CONCRETE BEAMS, COLUMNS, WALLS, SPANDRELS, ETC., ARE TO RECEIVE A 3/4" CHAMFER, TYPICAL.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE REQUIRED CLEARANCES BELOW THE BOTTOM OF STRUCT'L ARCH'L AND MECH'L ELEMENTS TO THE TOP OF THE SLAB BELOW. CLEARANCES SHALL BE 8'-2" (MINIMUM) BELOW STRUCT'L ELEMENTS LEVELS P-1 & P-2 IN DISABLED PARKING SPACES AND DRIVE AISLES LEADING TO THE DISABLED PARKING SPACES, TYP. CLEARANCES SHALL BE 7'-0" (MINIMUM) BELOW STRUCT'L ELEMENTS LEVELS P-3 TO P-7 WHERE NO DISABLED PARKING SPACES AND DRIVE AISLES LEADING TO DISABLED PARKING SPACES OCCUR.
  - DSP INDICATES CLASS I STANDPIPE, SEE FIRE PROTECTION DRAWINGS.
  - ED/RO INDICATES FIRE EXTINGUISHERS W/CABINETS.
  - ED/RO DENOTES DRAINS, SEE DETAIL 4/A-B.3
  - VERIFY ALL SLAB AND WALL OPENINGS WITH THE PLUMBING, FIRE PROTECTION AND ELECTRICAL DRAWINGS.
  - VERIFY ALL PIPE SLEEVES WITH THE PLUMBING OR FIRE PROTECTION SUBCONTRACTORS PRIOR TO POURING OF SLABS, BEAMS AND GIRDERS
  - SEE THE ENLARGED STAIR PLANS & DETAILS FOR ADDITIONAL INFORMATION REGARDING HANDRAILS, BOLLARDS, EMBEDS, ETC..

# CITY OF STOCKTON EDMUND S. 'ED' COY PARKING STRUCTURE

STOCKTON, CALIFORNIA

OWNER:  
City of Stockton

DESIGN BUILDER:  
F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209. 931. 3738

CONSULTANTS:  
Architect / Planning Consultant  
HNA Pacific  
61 Sea Breeze Avenue  
Rancho Palos Verdes, California 90275  
310. 544. 8670

Design Architect  
Wenell Mattheis Bowe  
246 E. Main Street  
Stockton, California 95202  
209. 944. 9110

Structural Engineer  
Jensen-Wright Structural Engineers  
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Chico, California 95926  
530. 894. 5345

Civil Engineer  
Sheffred Engineering, Inc.  
4045 Coronado Avenue  
Stockton, California 95204  
209. 943. 2021

Plumbing Designer - Design/Builder  
HRM Plumbing  
3650 Wilcox Road  
Stockton, California 95215  
209. 931. 9650

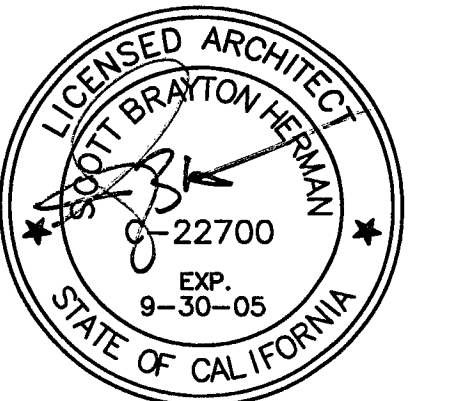
Electrical Designer - Design/Builder  
Collins Electrical  
611 W. Fremont Street  
Stockton, California 95203  
209. 466. 3691

Mechanical Designer - Design/Builder  
Comfort Air  
1607 Turnpike Road  
Stockton, California 95201  
209. 466. 4601

### CONST. DOCUMENTS

REVISIONS:

11/29/04	PLANCHCK SET
3/11/05	PERMIT SET

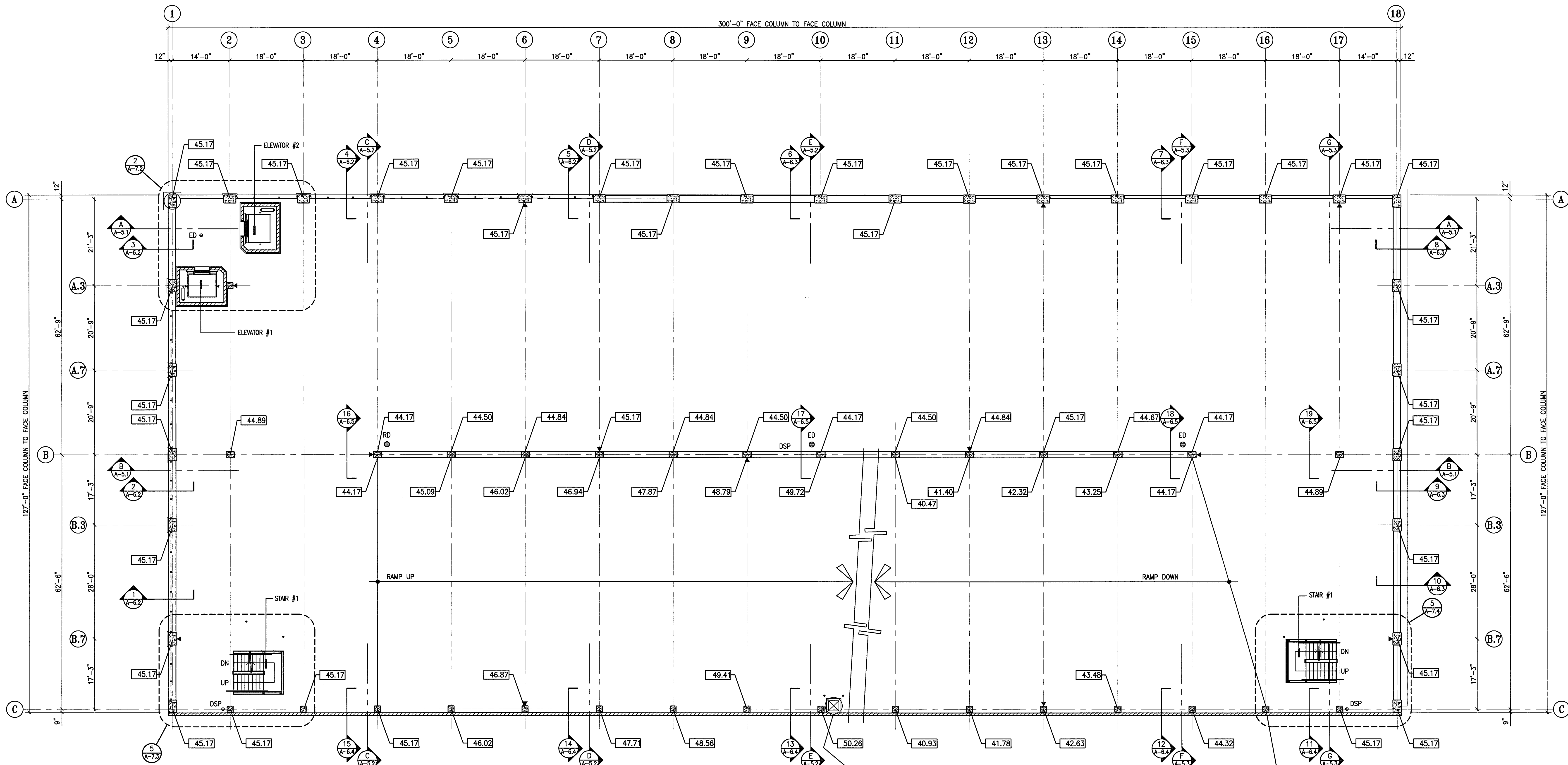



SHEET TITLE

## LEVEL P-5 FLOOR PLAN

DATE	SCALE
29, NOV. 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
ACL	SBH
DRAWING NO.	SHEET
2319A-3-5	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-3.5**  
PROJECT NO:  
HNA 2319



4 HOUR FIRE RATED WALLS AT GRID C SHALL CONSIST OF 8" CONCRETE MASONRY WALLS - SOLID GROUTED (TABLE 7-B ITEM 6.14)  
PROVIDE THROUGH PENETRATION FIRE STOPS AND SEALANTS AT WALL CONTROL JOINTS AND OTHER GAPS IN WALLS (TOP AND SIDES) TO ACHIEVE THE 4-HOUR RATED WALL ASSEMBLY. MATERIALS TO BE "3M - FIRE BARRIER 2000" (ER 3817) OR "TREMCO THROUGH PENETRATION FIRE STOP SYSTEMS" (ER 3198)

ELEVATION +0.00 = 12.80'

2'-6" X 2'-6" SLAB OPNG.  
FOR MECH'L EXHAUST FAN  
(SEE MECH'L) PROVIDE 6"  
WIDE X 6" HIGH CURB FOR  
FAN UNIT. PROVIDE TWO  
BOLLARDS PER DETAIL 3/A-8.3

- #### PLAN NOTES
- ALL ELEVATIONS ARE SHOWN TO THE TOP OF STRUCTURAL SLAB UNLESS NOTED OTHERWISE.
  - ALL EXPOSED EDGES OF CONCRETE BEAMS, COLUMNS, WALLS, SPANDRELS, ETC., ARE TO RECEIVE A 3/4" CHAMFER, TYPICAL.
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  - DSP INDICATES CLASS I STANDPIPE. SEE FIRE PROTECTION DRAWINGS.
  - INDICATES FIRE EXTINGUISHERS W/CABINETS.
  - ED/RD DENOTES DRAINS. SEE DETAIL 4/A-8.3
  - VERIFY ALL SLAB AND WALL OPENINGS WITH THE PLUMBING, FIRE PROTECTION AND ELECTRICAL DRAWINGS.
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**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

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 Stockton, California 95215  
 209. 931. 3738

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 61 Sea Breeze Avenue  
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Structural Engineer  
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 Chico, California 95926  
 530. 894. 6345

Civil Engineer  
**Shegfred Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

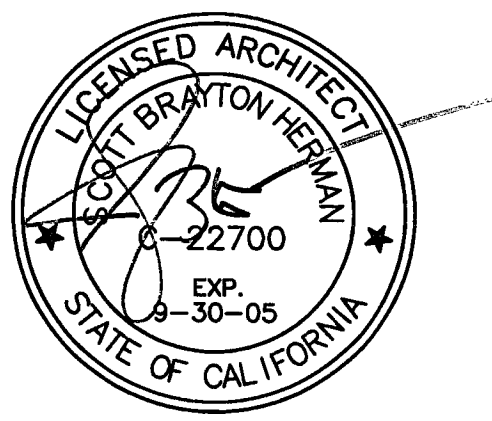
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHECK SET
3/11/05	PERMIT SET

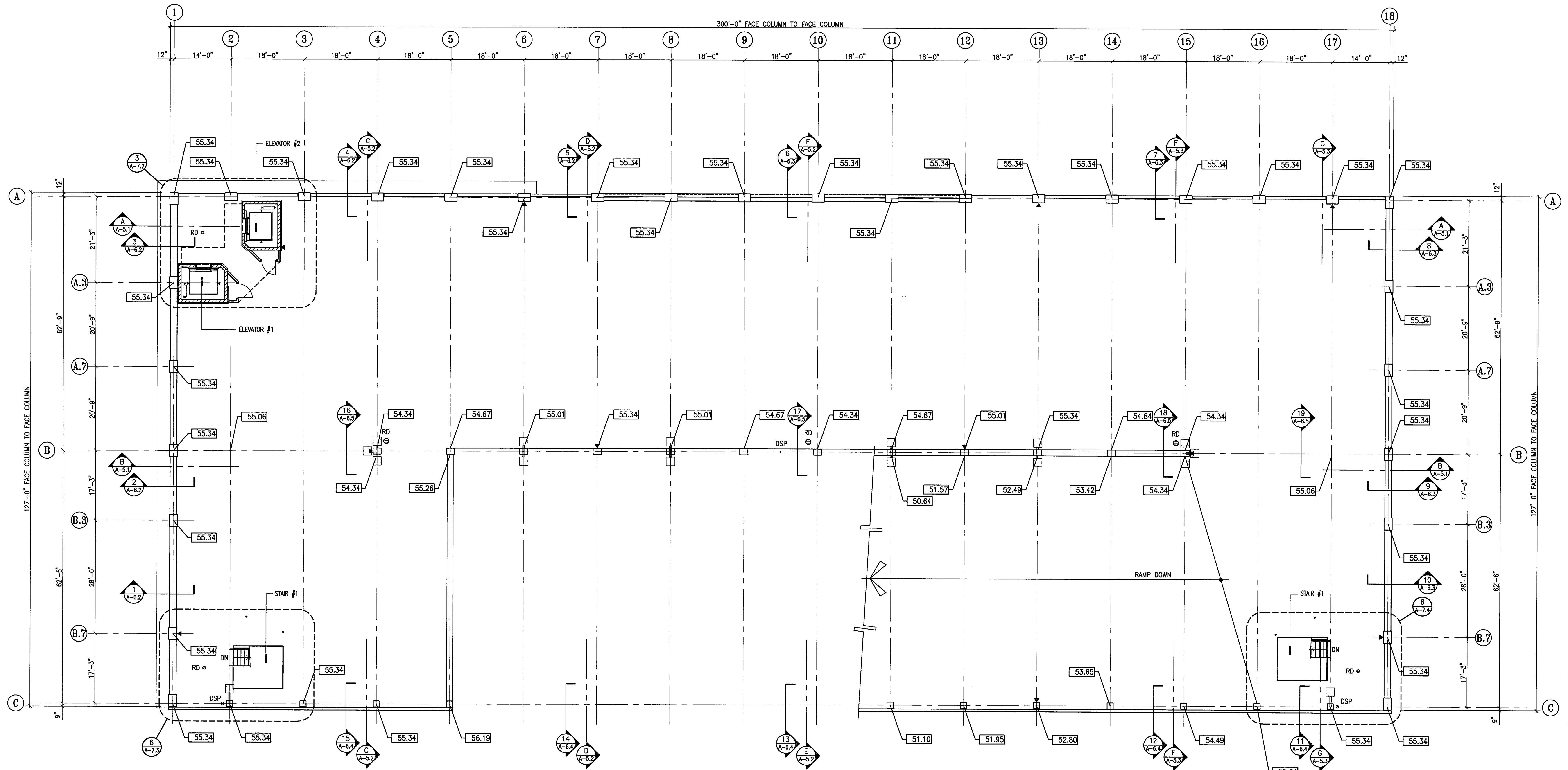


SHEET TITLE

**LEVEL P-6 FLOOR PLAN**

DATE	SCALE
29, NOV. 2004	3/32" = 1'-0"
DRAWN BY ACL	CHECKED BY SBH
DRAWING NO. 2319A-3-6	SHEET
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-3.6**  
 PROJECT NO:  
 H N A 2319



4 HOUR FIRE RATED WALLS AT GRID C SHALL CONSIST OF 8" CONCRETE MASONRY WALLS - SOLID GROUTED (TABLE 7-B ITEM 6.14)  
 PROVIDE THROUGH PENETRATION FIRE STOPS AND SEALANTS AT WALL CONTROL JOINTS AND OTHER GAPS IN WALLS (TOP AND SIDES) TO ACHIEVE THE 4-HOUR RATED WALL ASSEMBLY. MATERIALS TO BE "3M - FIRE BARRIER 2000" (ER 3817) OR "TREMCO THROUGH PENETRATION FIRE STOP SYSTEMS" (ER 3198)

ELEVATION +0.00 = 12.80'

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LEVEL P-6 FLOOR PLAN  
 SCALE: 3/32" = 1'-0"



**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

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 4945 Waterloo Road  
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 209. 931. 3738

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 Architect - Permit Consultant  
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 61 Sea Breeze Avenue  
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 310. 644. 8670  
 Design Architect  
**Wansell Matthies Bowe**  
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 209. 944. 9110  
 Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
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Civil Engineer  
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 4045 Coronado Avenue  
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 209. 943. 2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
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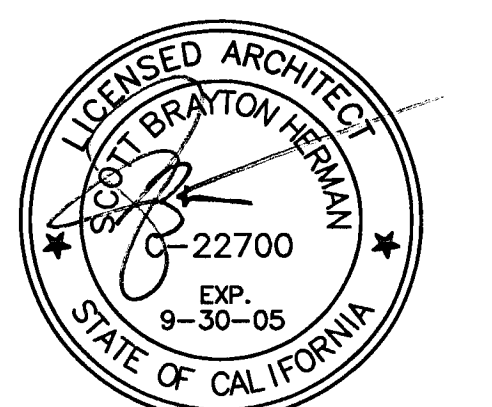
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:

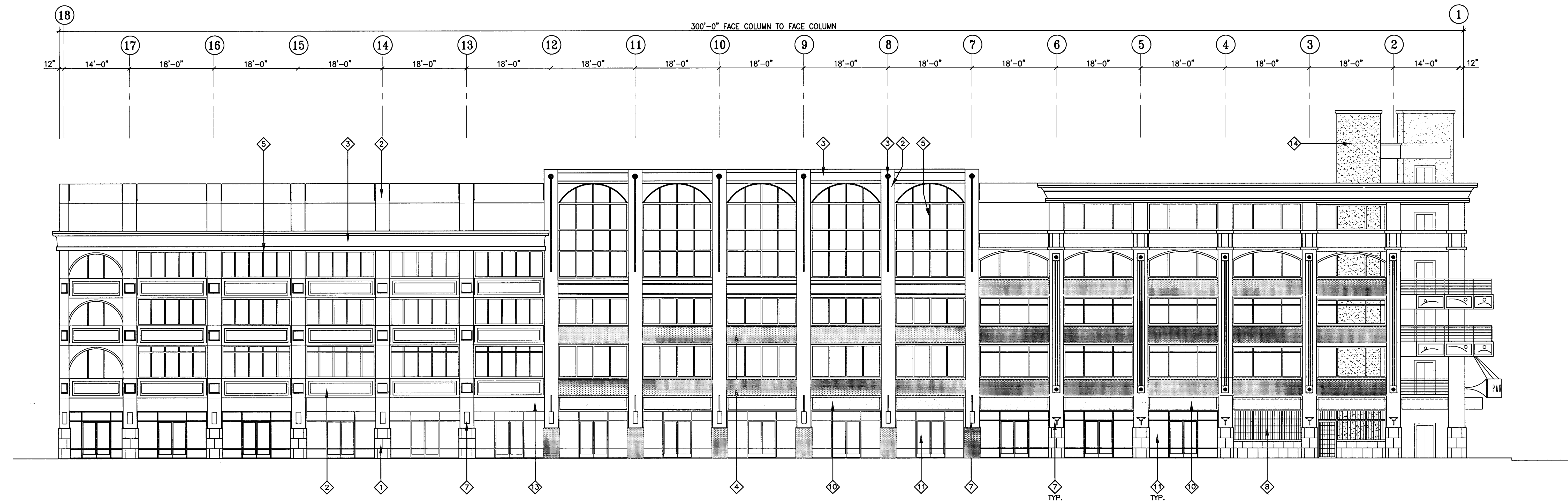
11/29/04	PLANCHECK SET
3/11/05	PERMIT SET



**SHEET TITLE**  
**BUILDING ELEVATIONS**

DATE	29, NOV. 2004	SCALE	3/32" = 1'-0"
DRAWN BY	ACL	CHECKED BY	SBH
DRAWING NO.	2319A-4-1	SHEET	
PROGRAM NO.		R-NO.	

DRAWING NO:  
**A-4.1**  
 PROJECT NO:  
**HNA 2319**

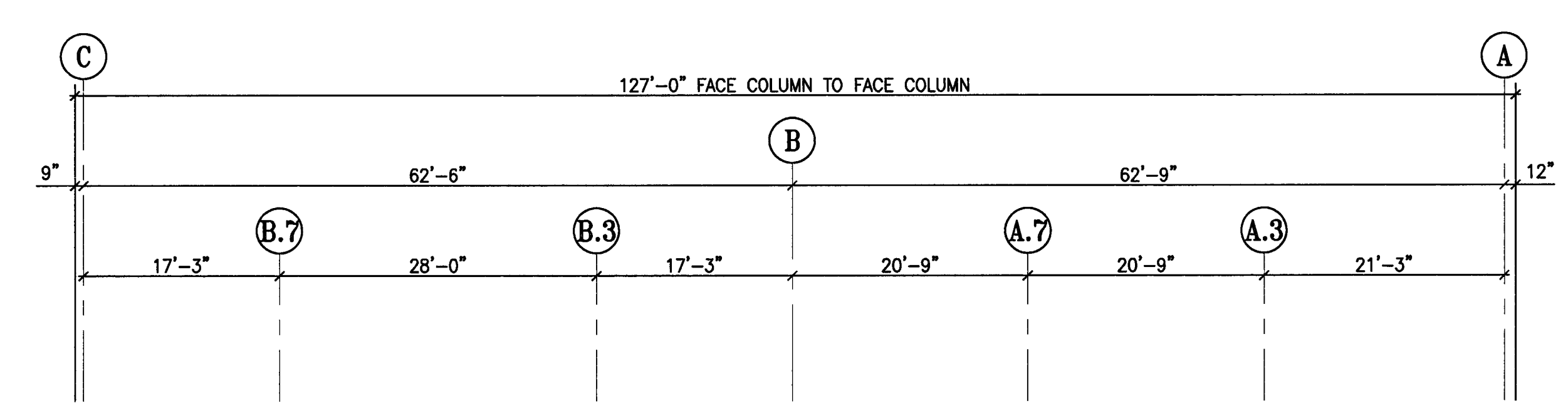


**3 NORTH ELEVATION**  
 SCALE: 3/32" = 1'-0"

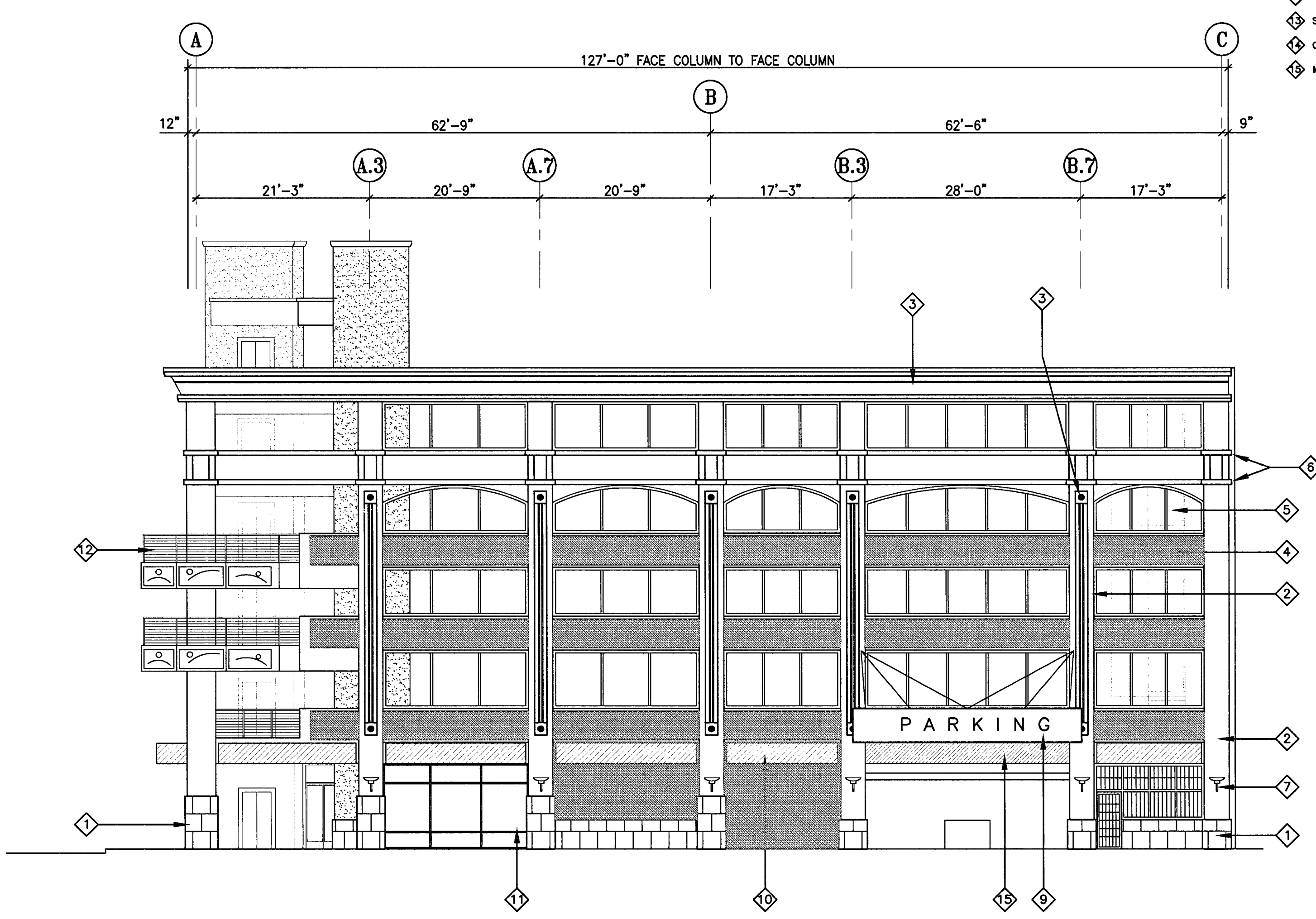
PROVIDE BUILDING ADDRESS IDENTIFICATION PER C.B.C. SECTION 502 AND THE CITY OF STOCKTON FIRE DEPARTMENT. LOCATE BUILDING ADDRESS ON THE BUILDING IN SUCH A POSITION AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET. APPROVED ADDRESS TO BE LOCATED WITH FIRE DEPARTMENT APPROVAL PRIOR TO OCCUPANCY.

**ELEVATION NOTES**

- 1 CERAMIC TILE WANSBOTT
- 2 PAINTED CONCRETE
- 3 EPS MOLDING SYSTEM ON/ CONCRETE
- 4 THIN BRICK VENEER
- 5 PREFINISHED ALUMINUM TUBE FRAMING
- 6 EPS MOLDING SYSTEM COLUMN WRAP
- 7 DECORATIVE WALL SCIENCE
- 8 IRON GRATING - PAINTED
- 9 VEHICULAR ENTRY CANOPY
- 10 ORNAMENTAL METAL CANOPIES BY PUBLIC ARTIST
- 11 ALUMINUM / GLASS STOREFRONT SYSTEM
- 12 TUBE STEEL RAILING
- 13 STUCCO SOFFIT ON/ LT. GAUGE METAL FRAMING
- 14 CMU W/ STUCCO SKIN COAT
- 15 METAL PANEL ON/ ROLL DOWN DOOR



**2 EAST ELEVATION**  
 SCALE: 3/32" = 1'-0"



**1 WEST ELEVATION**  
 SCALE: 3/32" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

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 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

**CONSULTANTS:**  
 Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 8670

Design Architect  
**Wenell Matthews Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
**Jessen-Wright Structural Engineers**  
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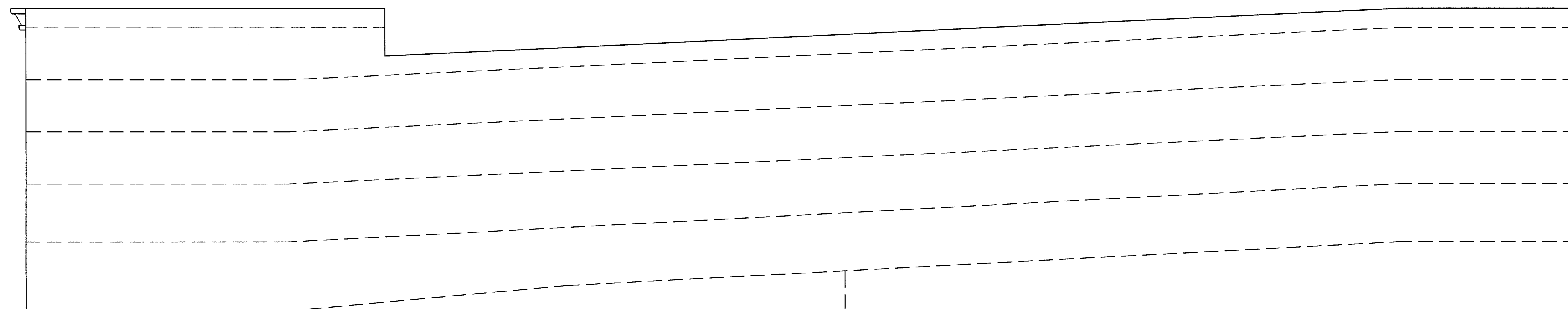
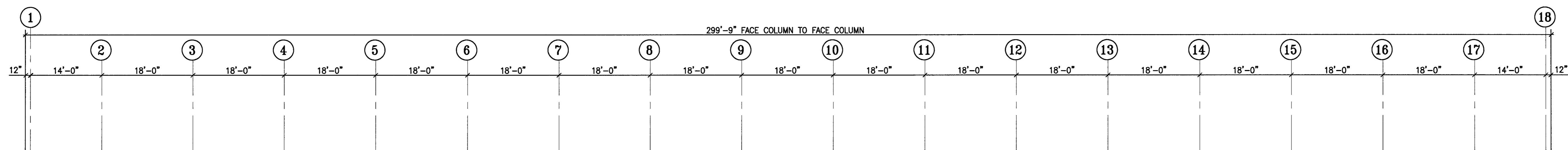
Civil Engineer  
**Stegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Tumpike Road  
 Stockton, California 95201  
 209. 466. 4601

4 HOUR FIRE RATED WALLS AT GRID C SHALL CONSIST OF 8" CONCRETE MASONRY WALLS - SOLID GROUTED (TABLE 7-B ITEM 6.14)  
 PROVIDE THROUGH PENETRATION FIRE STOPS AND SEALANTS AT WALL CONTROL JOINTS AND OTHER GAPS IN WALLS (TOP AND SIDES) TO ACHIEVE THE 4-HOUR RATED WALL ASSEMBLY. MATERIALS TO BE "SM - FIRE BARRIER 2000" (ER 3817) OR "TREMCO THROUGH PENETRATION FIRE STOP SYSTEMS" (ER 3198)



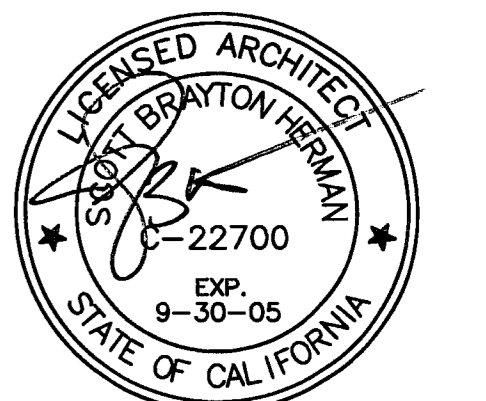
NOTE:  
 OPENING IN CMU WALL FOR EXIT TO BE COORDINATED WITH THE MASON PRIOR TO ERRECTION OF CMU WALL

1 SOUTH ELEVATION  
 A-4.2 SCALE: 3/32" = 1'-0"

**CONST. DOCUMENTS**

REVISIONS:

11/29/04	PLANCHICK SET
3/11/05	PERMIT SET



**SHEET TITLE**  
**BUILDING ELEVATIONS**

DATE	SCALE
29, NOV. 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2319A-4-2	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-4.2**

PROJECT NO:  
**HNA 2319**

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
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 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:  
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Design Architect:  
**Wenell Matthews Bowe**  
 246 E. Main Street  
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 209. 944. 9110

Structural Engineer:  
**Jessie-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
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Civil Engineer:  
**Siegfried Engineering, Inc.**  
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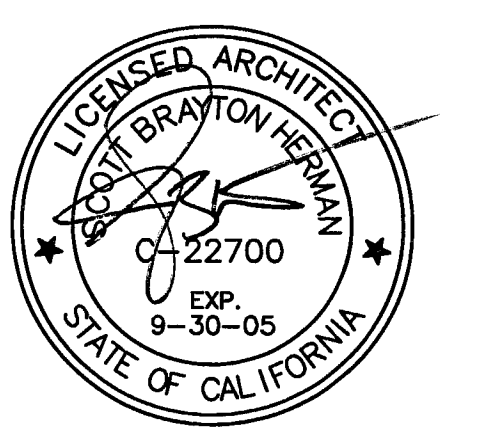
Plumbing Designer - Design/Builder:  
**HRM Plumbing**  
 9550 Wilcox Road  
 Stockton, California 95215  
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Electrical Designer - Design/Builder:  
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 611 W. Fremont Street  
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**CONST. DOCUMENTS**

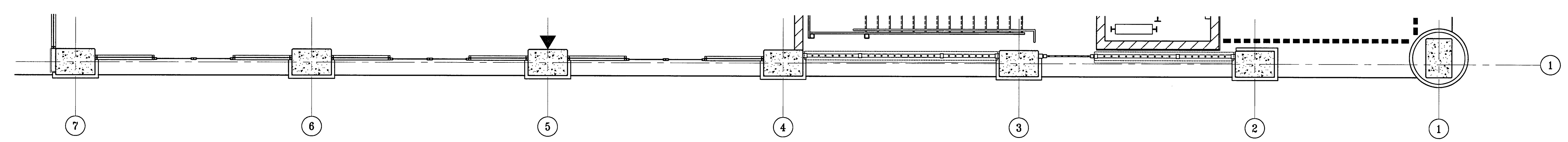
REVISIONS:	
11/29/04	PLANCHHECK SET
3/11/05	PERMIT SET



SHEET TITLE  
**ENLARGED ELEVATIONS**

DATE	29, NOV. 2004	SCALE	1/4" = 1'-0"
DRAWN BY	ACL	CHECKED BY	SBH
DRAWING NO.	2319A-4-3	SHEET	
PROGRAM NO.		R-NO.	

DRAWING NO:  
**A-4.3**  
 PROJECT NO:  
 HNA 2319



LEVEL P-1 PLAN

**1**  
**A-4.3** PARTIAL ENLARGED ELEVATION - NORTH  
 SCALE: 1/4" = 1'-0"

ELEVATION +0.00 = 12.80'

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

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Civil Engineer:  
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 209. 943. 2021

Plumbing Designer - Design/Builder:  
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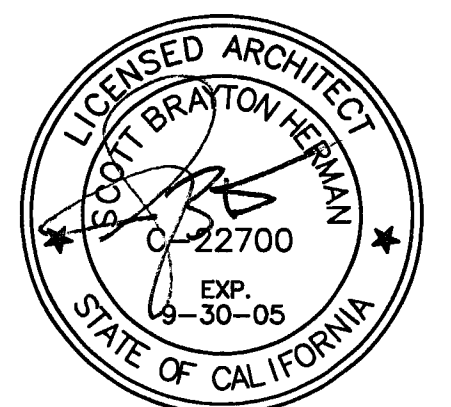
Electrical Designer - Design/Builder:  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder:  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:

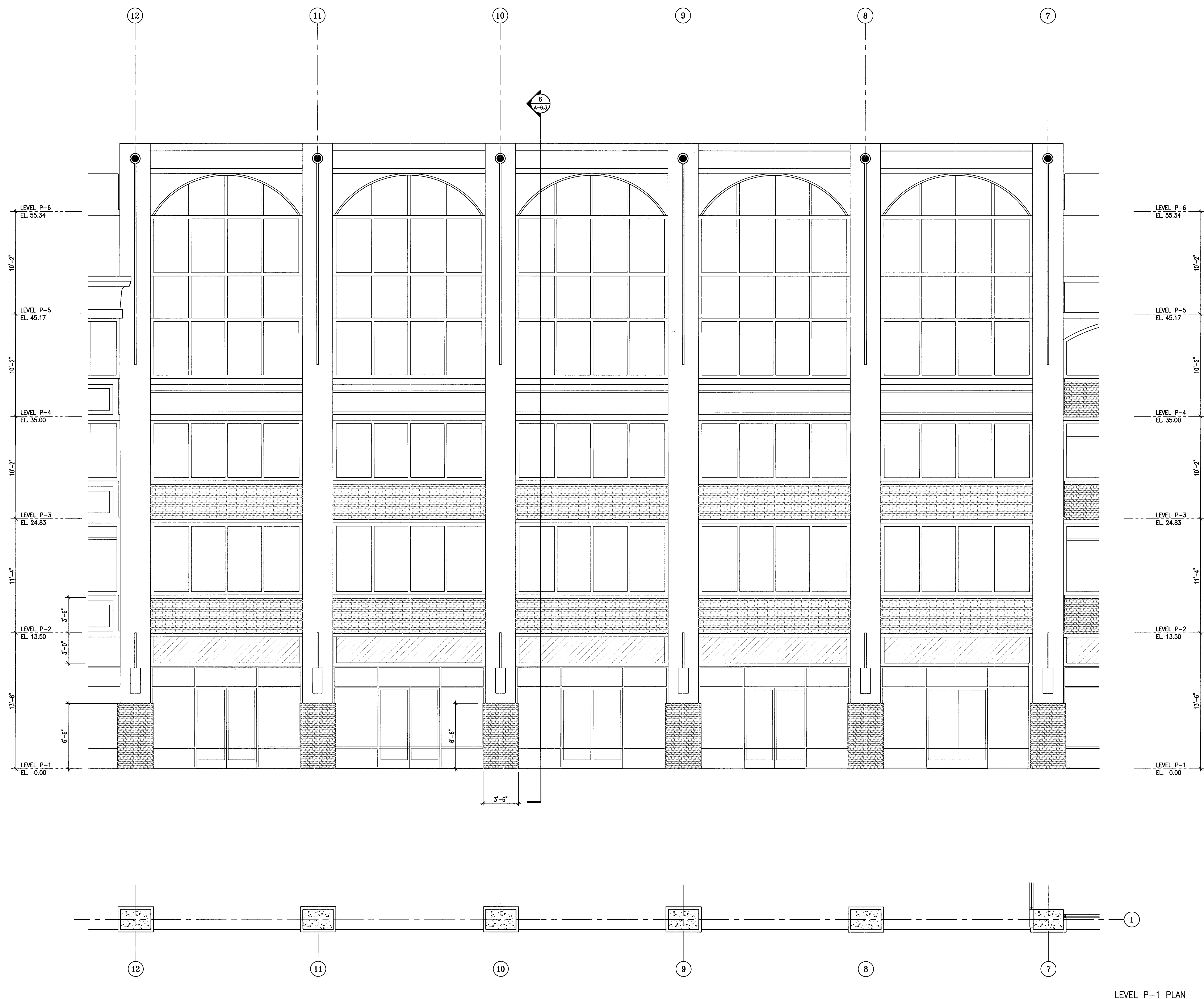
11/29/04	PLANCHECK SET
3/11/05	PERMIT SET



SHEET TITLE  
**PARTIAL ENLARGED NORTH ELEV**

DATE 29. NOV. 2004	SCALE 1/4" = 1'-0"
DRAWN BY ACL	CHECKED BY SBH
DRAWING NO. 2319A-4-4	SHEET
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-4.4**  
 PROJECT NO:  
 HNA 2319



**1**  
**A-4.4** PARTIAL ENLARGED ELEVATION - NORTH  
 SCALE: 1/4" = 1'-0"

ELEVATION +0.00 = 12.80'

LEVEL P-1 PLAN

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

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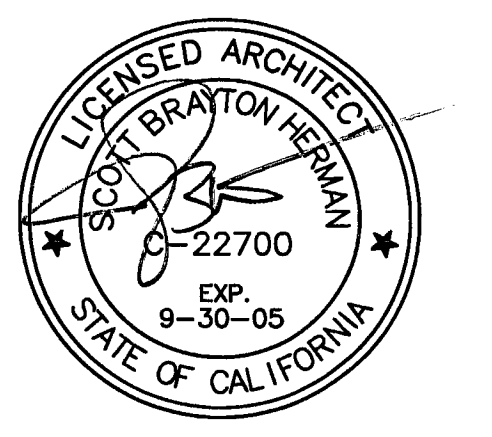
**Electrical Designer - Design/Builder**  
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 209. 466. 4601

**CONST. DOCUMENTS**

**REVISIONS:**

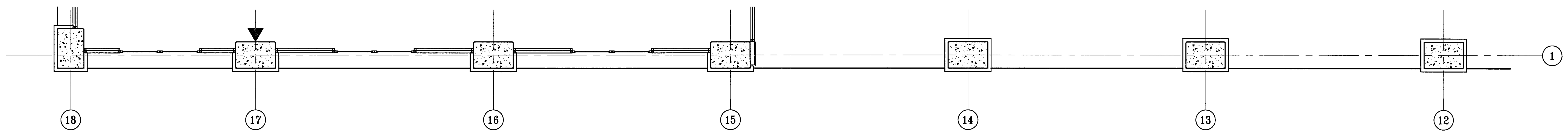
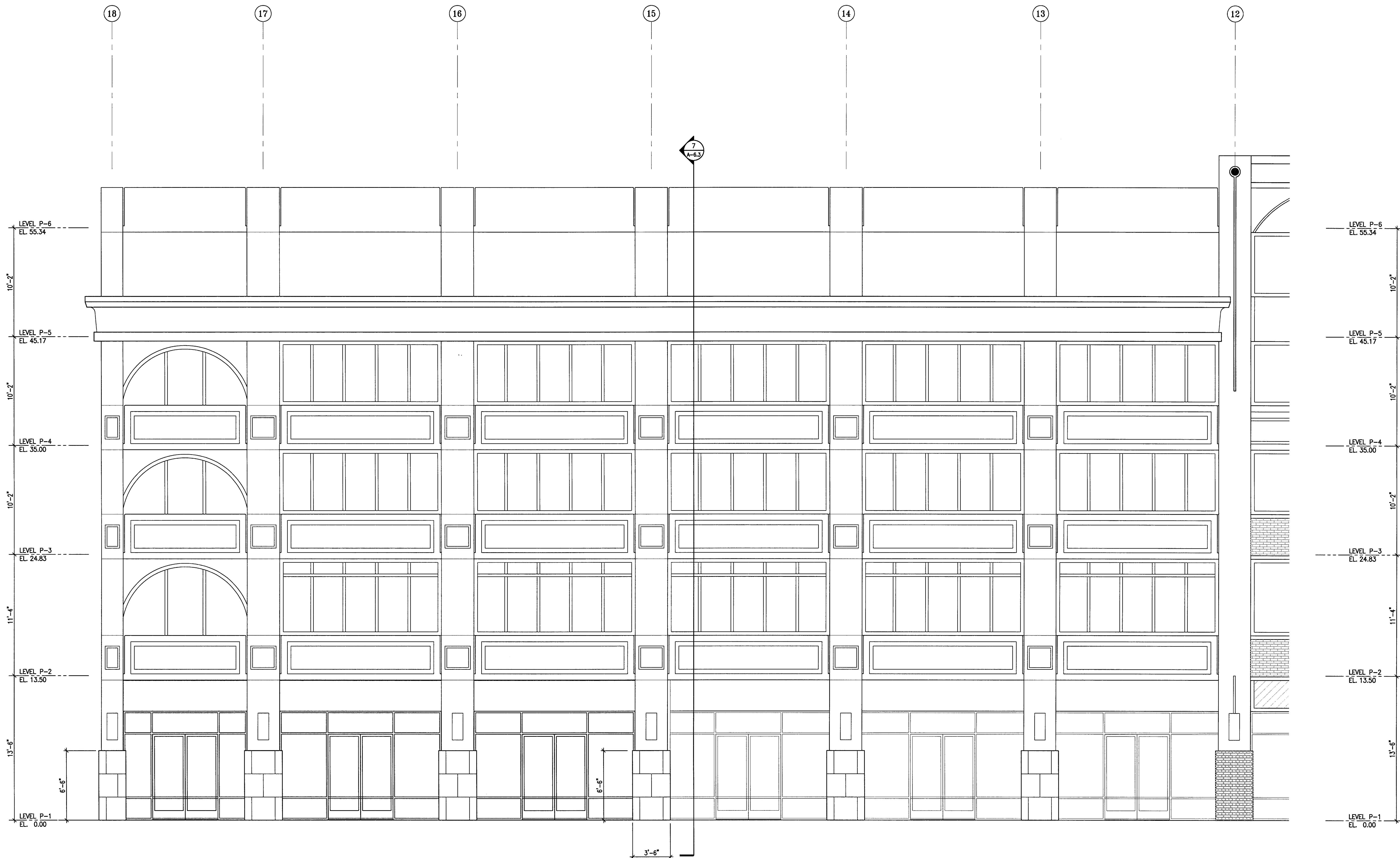
11/29/04	PLANCHECK SET
3/11/05	PERMIT SET



**SHEET TITLE**  
**PARTIAL ENLARGED NORTH ELEV.**

<b>DATE</b> 29, NOV. 2004	<b>SCALE</b> 1/4" = 1'-0"
<b>DRAWN BY</b> ACL	<b>CHECKED BY</b> SBH
<b>DRAWING NO.</b> 2319A-4-5	<b>SHEET</b>
<b>PROGRAM NO.</b>	<b>R-NO.</b>

**DRAWING NO:**  
**A-4.5**  
**PROJECT NO:**  
 H N A 2319



LEVEL P-1 PLAN

**1** PARTIAL ENLARGED ELEVATION - NORTH  
 SCALE: 1/4" = 1'-0"

ELEVATION +0.00 = 12.80'

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:

Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 8670

Design Architect  
**Wenell Matthews Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Civil Engineer  
**Siegrist Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

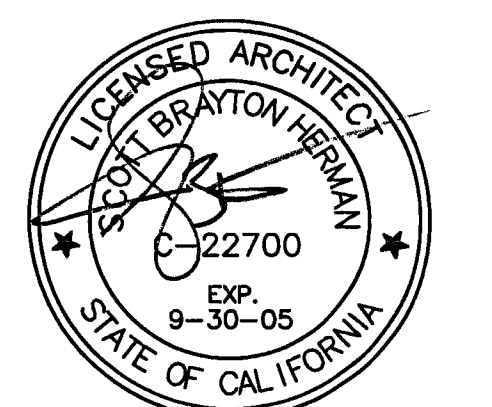
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

CONST. DOCUMENTS

REVISIONS:

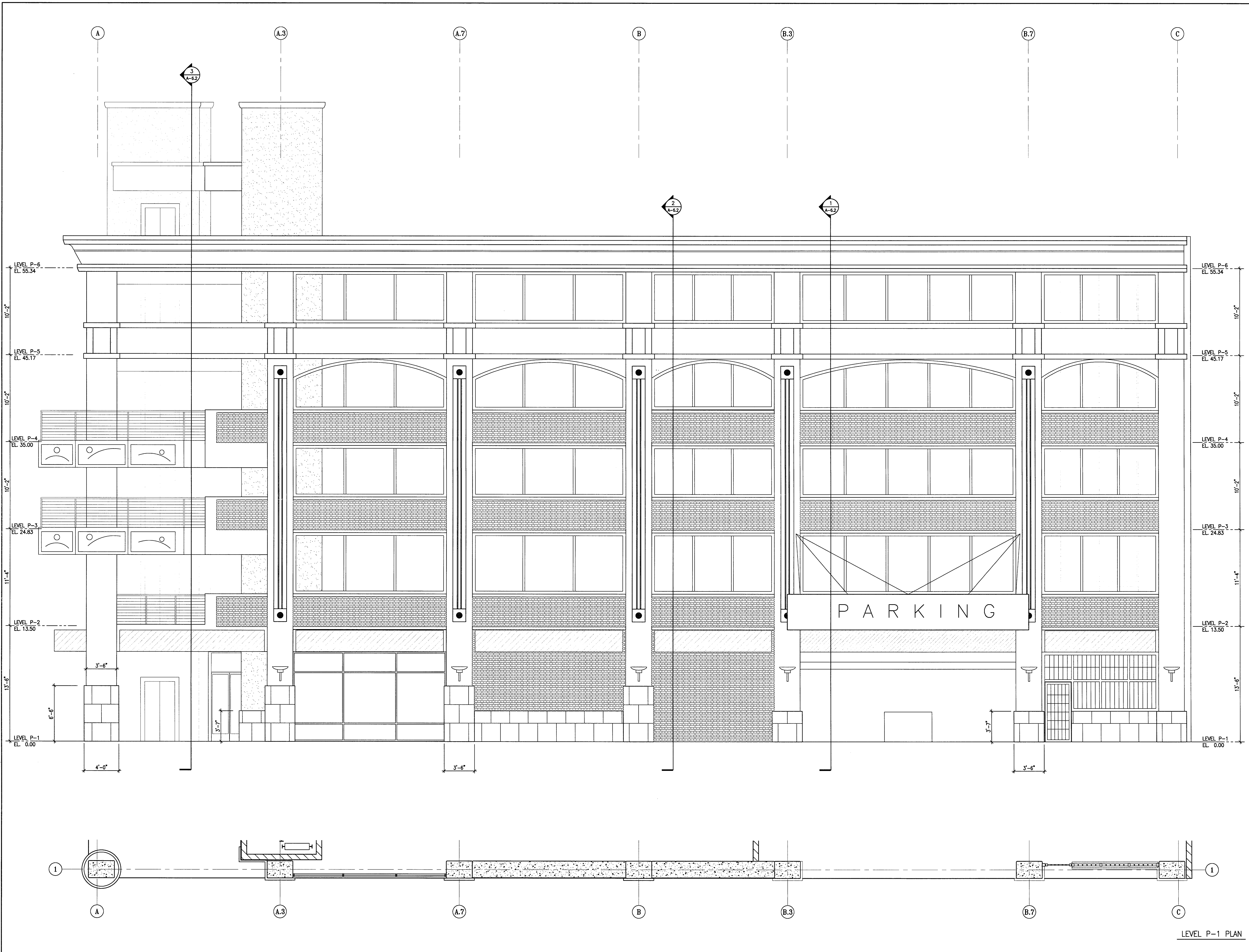
11/29/04	PLANCHECK SET
3/11/05	PERMIT SET



SHEET TITLE  
**ENLARGED WEST ELEVATION**

DATE	29, NOV. 2004	SCALE	1/4" = 1'-0"
DRAWN BY	ACL	CHECKED BY	SBH
DRAWING NO.	2319A-4-6	SHEET	
PROGRAM NO.		R-NO.	

DRAWING NO:  
**A-4.6**  
 PROJECT NO:  
 HNA 2319



1 ENLARGED ELEVATION - WEST  
 SCALE: 1/4" = 1'-0"

ELEVATION +0.00 = 12.80'

LEVEL P-1 PLAN

**CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
City of Stockton

**DESIGN BUILDER:**  
**F&H Construction**  
4945 Waterloo Road  
Stockton, California 95215  
209.931.3738

**CONSULTANTS:**  
**Architect - Parking Consultant**  
**HNA / Pacific**  
61 Sea Breeze Avenue  
Rancho Palms Verdes, California 90275  
310.544.8670

**Design Architect:**  
**Wesell Matthews Bowe**  
246 E. Main Street  
Stockton, California 95202  
209.944.9110

**Structural Engineer:**  
**Jessen-Wright Structural Engineers**  
113 West 8th Avenue, Suite A  
Chicago, California 95926  
530.894.5345

**CE Engineer:**  
**Siegfried Engineering, Inc.**  
4045 Coronado Avenue  
Stockton, California 95204  
209.943.2021

**Plumbing Designer - Design/Builder:**  
**HFM Plumbing**  
3650 Wilcox Road  
Stockton, California 95215  
209.931.9550

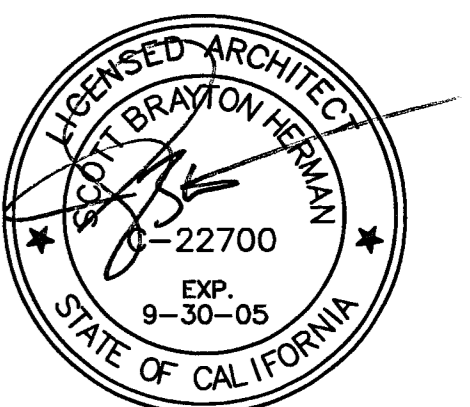
**Electrical Designer - Design/Builder:**  
**Collins Electrical**  
611 W. Fremont Street  
Stockton, California 95203  
209.466.9691

**Mechanical Designer - Design/Builder:**  
**Comfort Air**  
1607 Turnpike Road  
Stockton, California 95201  
209.466.4601

**CONST. DOCUMENTS**

**REVISIONS:**

11/29/04	PLANCHCK SET
3/11/05	PERMIT SET

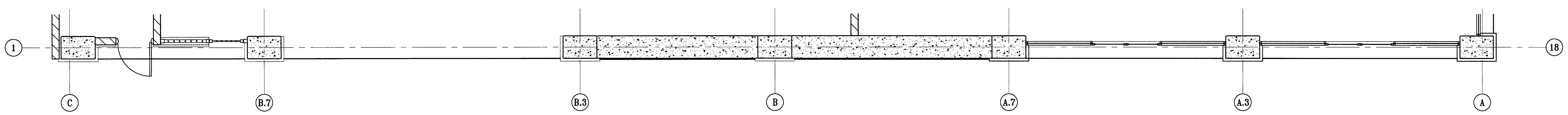
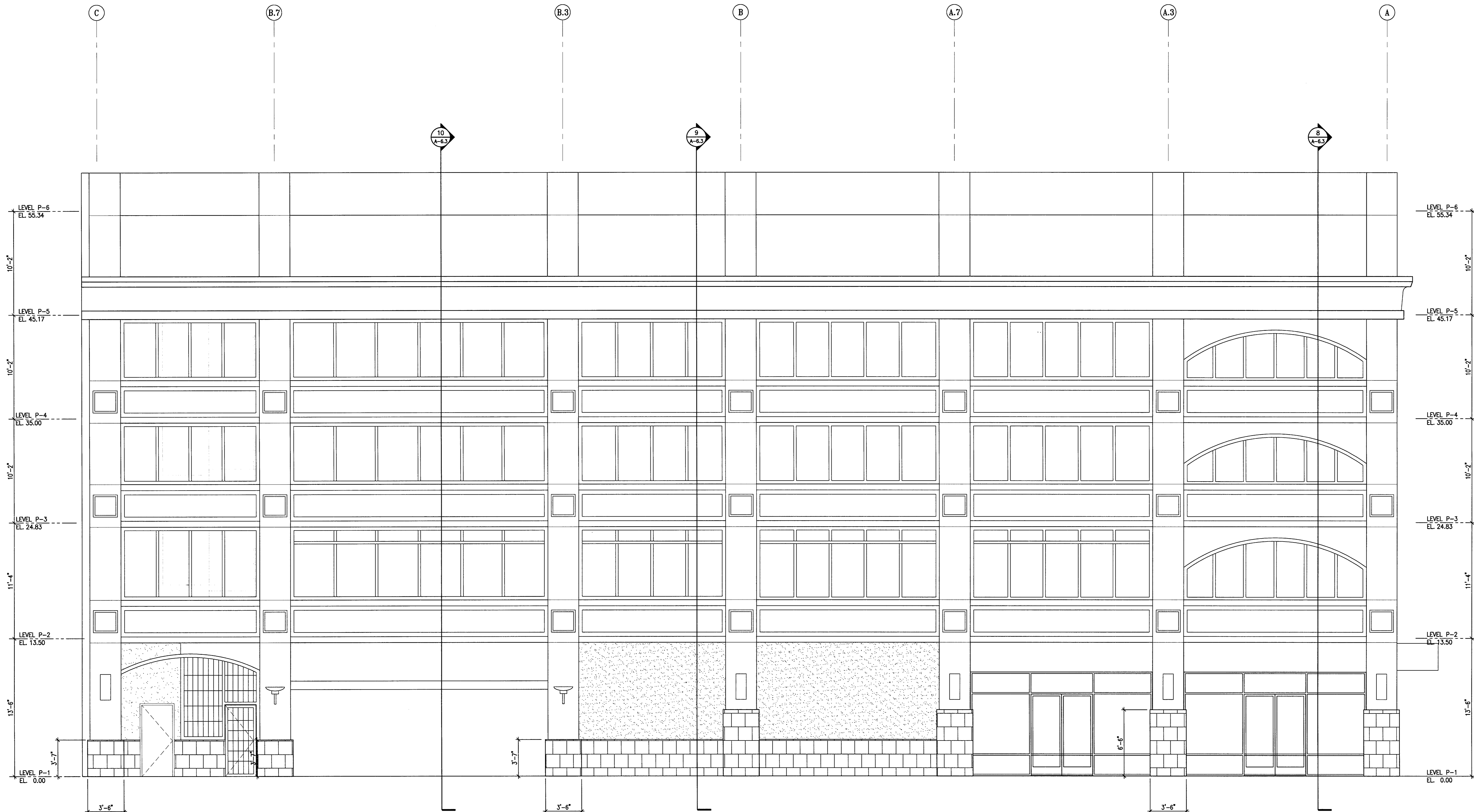


**SHEET TITLE**  
**ENLARGED EAST ELEVATION**

<b>DATE</b> 29, NOV. 2004	<b>SCALE</b> 1/4" = 1'-0"
<b>DRAWN BY</b> ACL	<b>CHECKED BY</b> SBH
<b>DRAWING NO.</b> 2319A-4-7	<b>SHEET</b>
<b>PROGRAM NO.</b>	<b>R-NO.</b>

**DRAWING NO:**  
**A-4.7**

**PROJECT NO:**  
HNA 2319



**1**  
**A-4.7** ENLARGED ELEVATION - EAST  
SCALE: 1/4" = 1'-0"

ELEVATION +0.00 = 12.80'

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:  
 Architect - Permit Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palms Verdes, California 90275  
 310. 544. 8670

Design Architect  
**Worrell Mattheis Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

CE Engineer  
**Siegrist Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

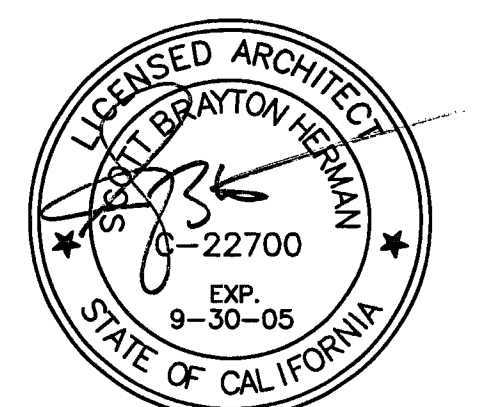
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



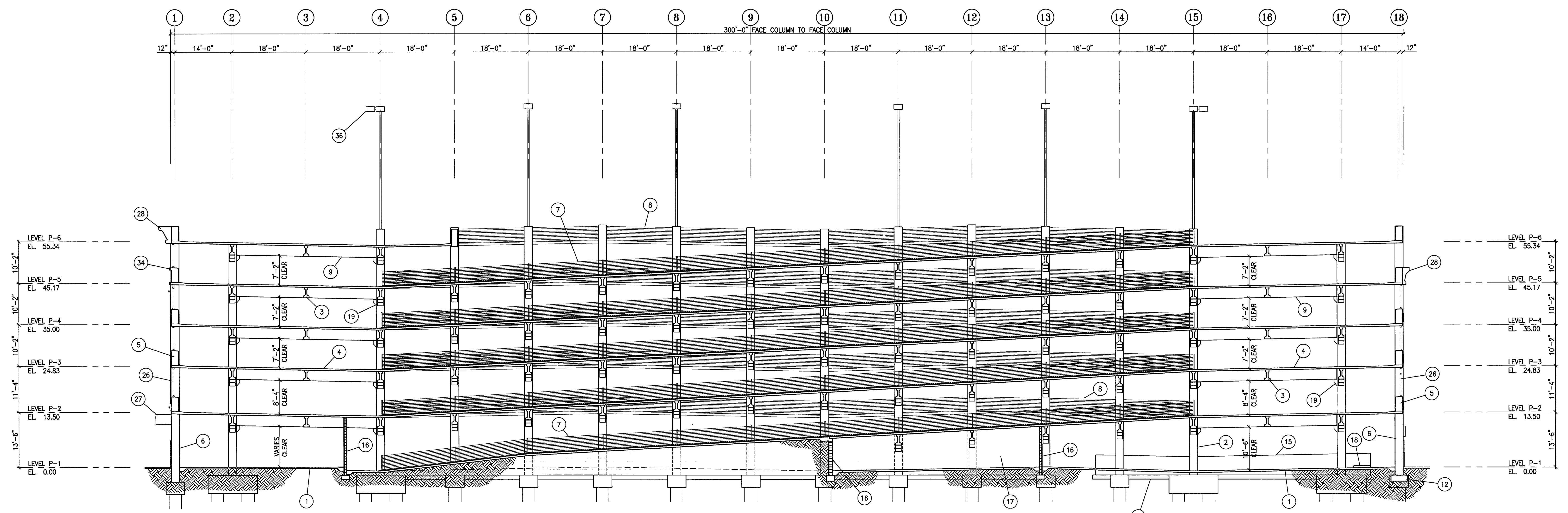
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**LONGITUDINAL BUILDING SECTIONS**

DATE	29. NOV. 2004	SCALE	3/32" = 1'-0"
DRAWN BY	ACL	CHECKED BY	SBH
DRAWING NO.	A-51	SHEET	
PROGRAM NO.		R-NO.	

DRAWING NO:  
**A-51**

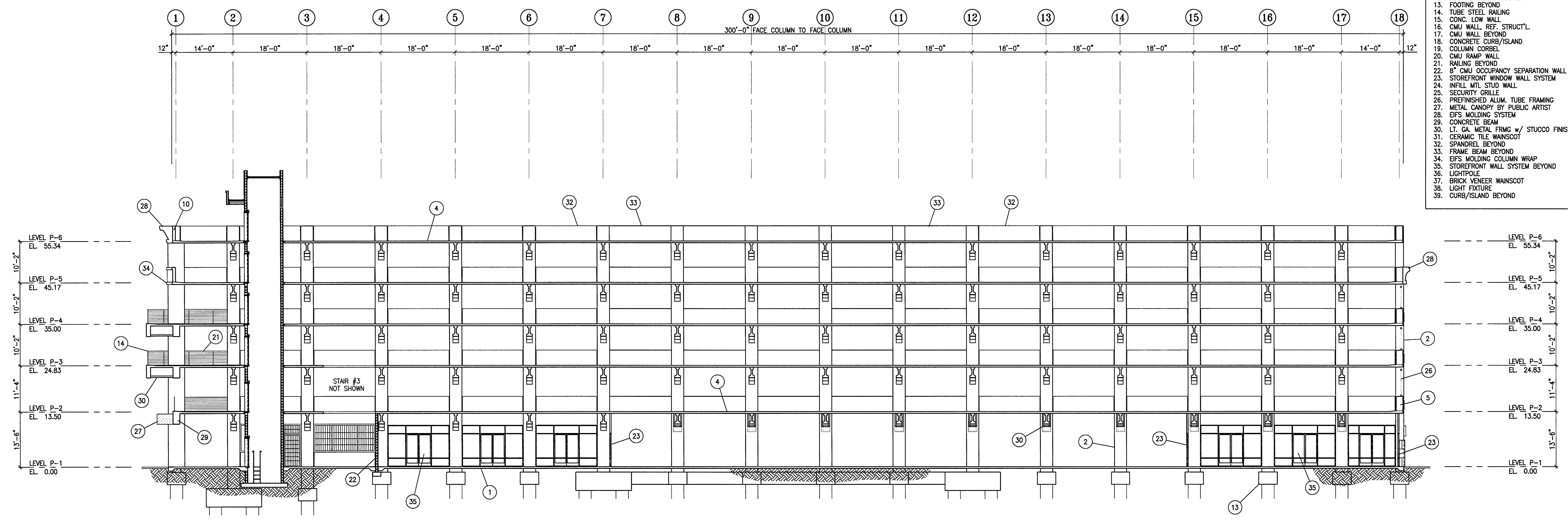
PROJECT NO:  
**HNA 2319**



**B** LONGITUDINAL BUILDING SECTION AT LINE B  
 A-5.1 SCALE: 3/32" = 1'-0"

VERTICAL CLEARANCES LEADING TO AND FROM EACH DISABLED PARKING SPACE SHALL BE A MINIMUM OF 8'-2" CLEAR. THE VERTICAL CLEARANCE PROVIDED IN DESIGNATED DRIVE AISLES IS 8'-2" CLEAR (MINIMUM), TYPICAL.  
 AT EACH VEHICULAR ENTRANCE: PROVIDE DISABLED ACCESS AUTHORIZATION SIGNS PER DETAIL 2/A-11.2.  
 VERTICAL CLEARANCES AT DISABLED PARKING SPACES SHALL BE MINIMUM 8'-2" CLEAR TYPICAL.  
 ALL OTHER SPACES SHALL HAVE A MINIMUM 7'-0" CLEARANCE.

- KEY NOTES: #**
- CONCRETE SLAB ON GRADE
  - PRECAST CONCRETE COLUMN
  - PRECAST CONCRETE BEAM
  - CONCRETE SLAB
  - CONCRETE FRAME BEAM
  - CONCRETE WALL
  - GALV. BARRIER CABLES
  - GALV. BARRIER CABLES BEYOND
  - PRECAST CONC. GIRDER
  - CONCRETE SPANDREL
  - UPTURNED BEAM
  - FOOTING REF. STRUCT'L
  - FOOTING BEYOND
  - TUBE STEEL RAILING
  - CONC. LOW WALL
  - CMU WALL REF. STRUCT'L
  - CMU WALL BEYOND
  - CONCRETE CURB/ISLAND
  - COLUMN CORBEL
  - CMU RAMP WALL
  - RAILING BEYOND
  - 8" CMU OCCUPANCY SEPARATION WALL
  - STOREFRONT WINDOW WALL SYSTEM
  - INFILL MITL STUD WALL
  - SECURITY GRILLE
  - PREFINISHED ALUM. TUBE FRAMING
  - METAL CANOPY BY PUBLIC ARTIST
  - EFS MOLDING SYSTEM
  - CONCRETE BEAM
  - 1" GA. METAL FRMG. w/ STUCCO FINISH
  - CERAMIC TILE WAINSCOT
  - SPANDREL BEYOND
  - FRAME BEAM BEYOND
  - EFS MOLDING COLUMN WRAP
  - STOREFRONT WALL SYSTEM BEYOND
  - LIGHTPOLE
  - BRICK VENEER WAINSCOT
  - LIGHT FIXTURE
  - CURB/ISLAND BEYOND



**A** LONGITUDINAL BUILDING SECTION AT LINE A  
 A-5.1 SCALE: 3/32" = 1'-0"



**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:

City of Stockton

DESIGN BUILDER:

F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:

Architect - Planning Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 8670

Design Architect  
**Wesell Mattheis Bowe**  
 246 E. Wash Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
**Wright Structural Engineers**  
 13 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Old Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

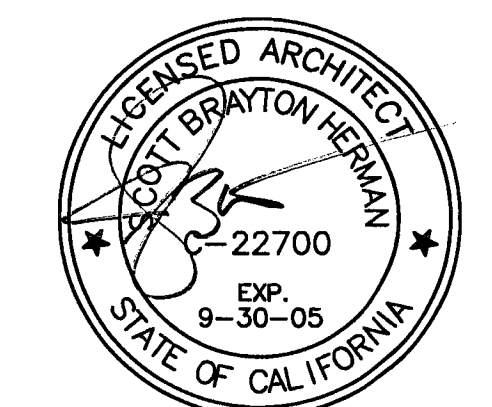
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 9650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3681

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

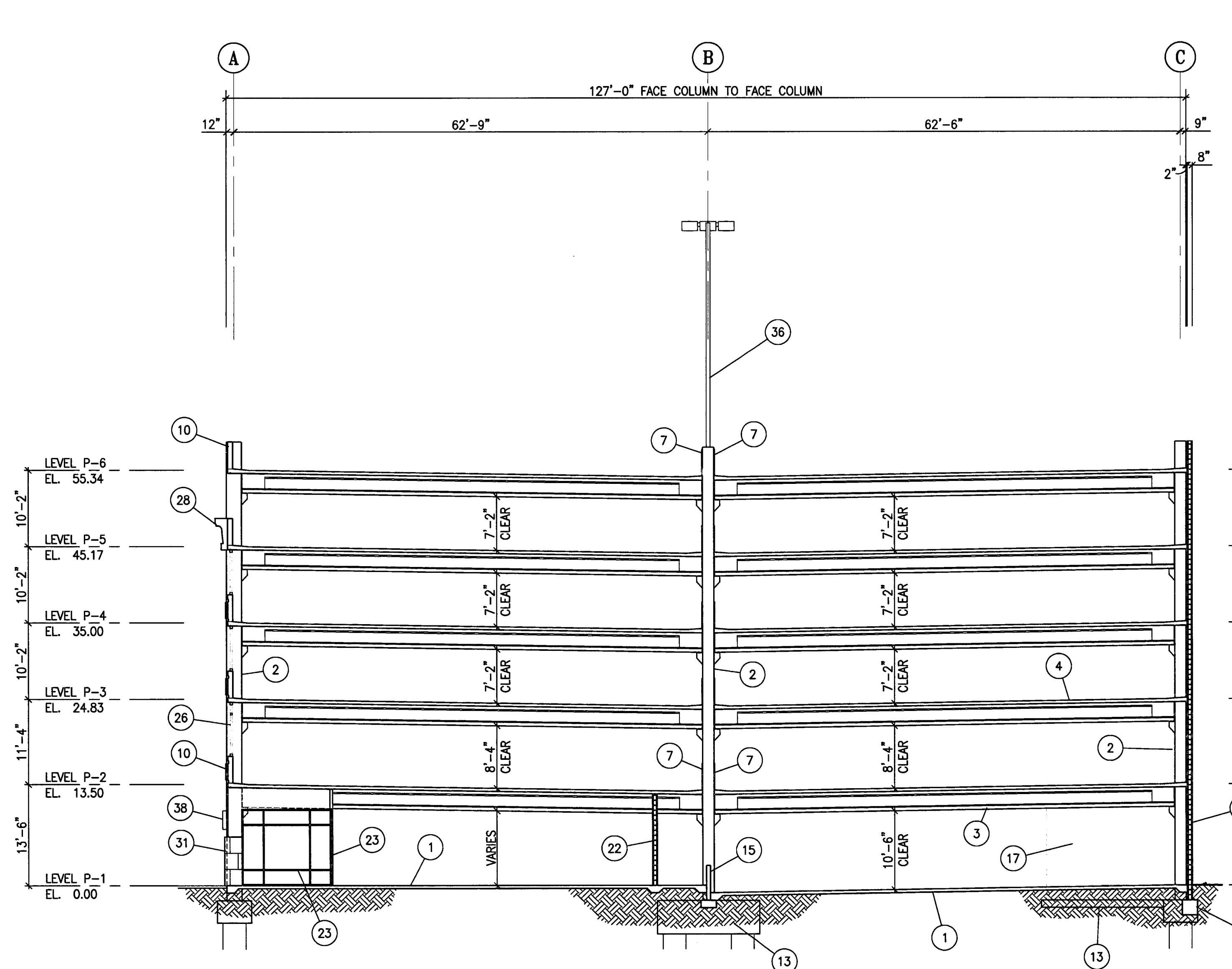
REVISIONS:	
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



**SHEET TITLE**  
**TRANSVERSE BUILDING SECTIONS**

DATE	29, NOV. 2004	SCALE	3/32" = 1'-0"
DRAWN BY	ACL	CHECKED BY	SBH
DRAWING NO.	A-52	SHEET	
PROGRAM NO.	R-NO.		

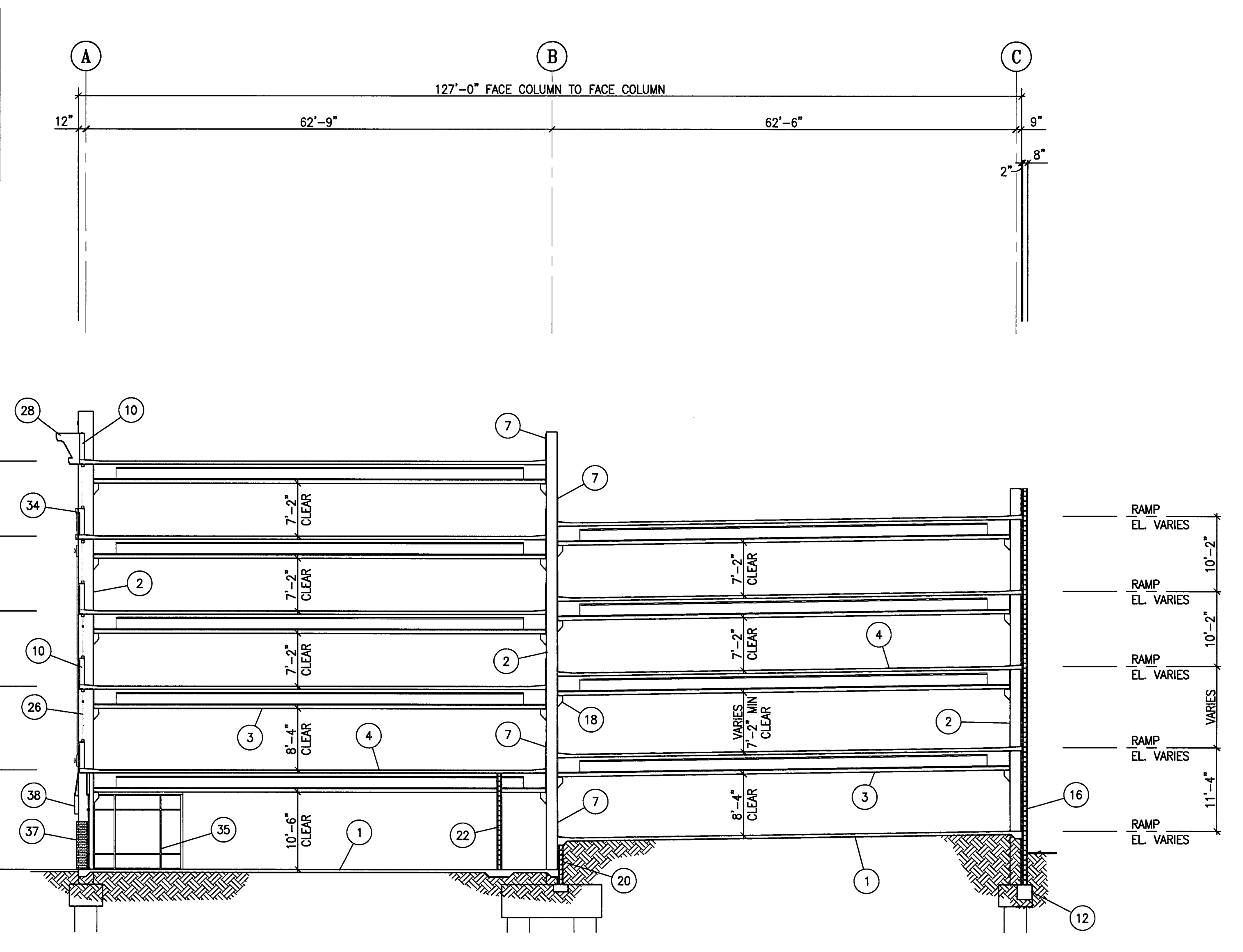
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 PROJECT NO: **HNA 2319**



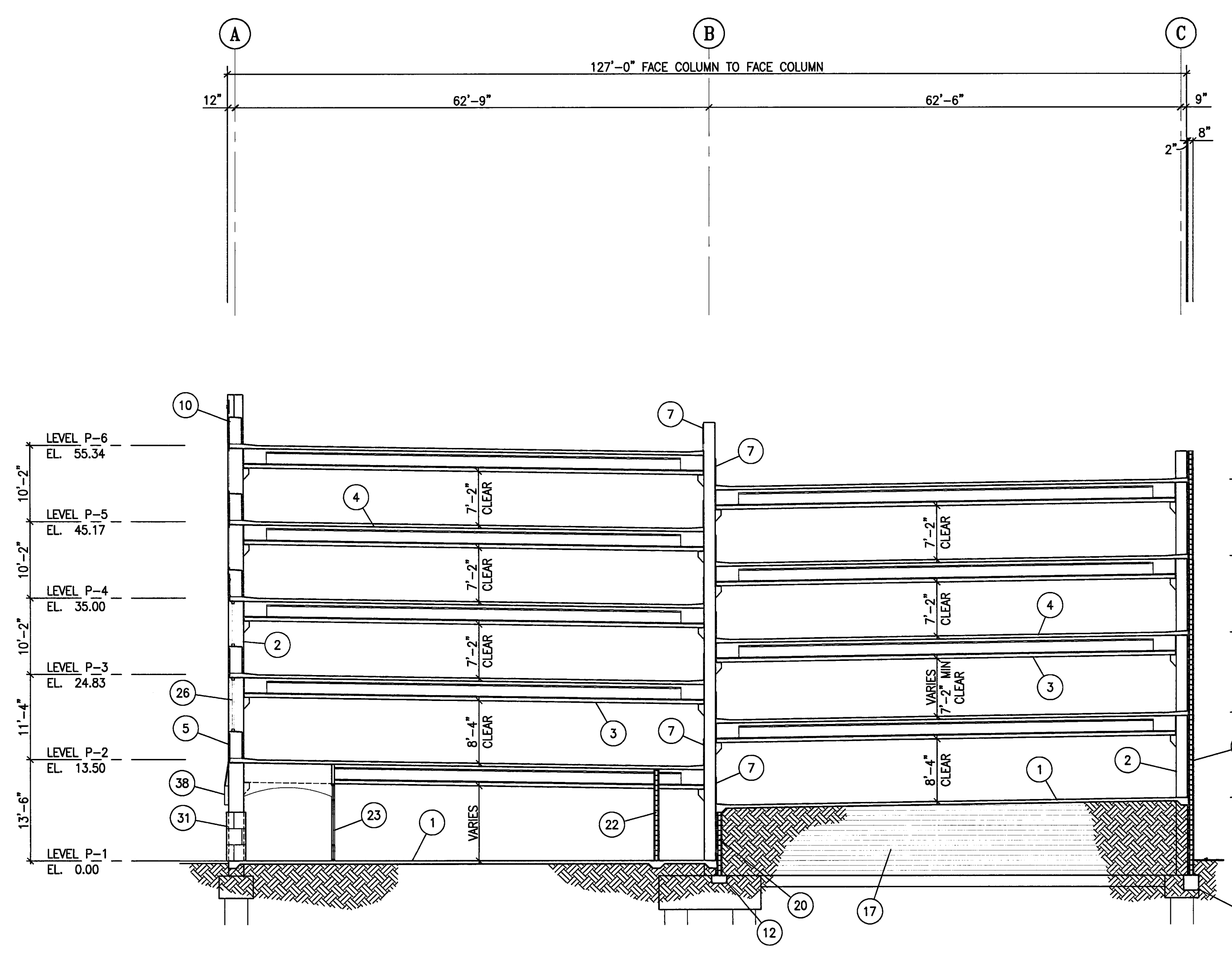
**F** TRANSVERSE BUILDING SECTION AT LINE 15  
 SCALE: 3/32" = 1'-0"

VERTICAL CLEARANCES LEADING TO AND FROM EACH DISABLED PARKING SPACE SHALL BE A MINIMUM OF 8'-2" CLEAR. THE VERTICAL CLEARANCE PROVIDED IN DESIGNATED DRIVE AISLES IS 8'-2" CLEAR (MINIMUM), TYPICAL.  
 AT EACH VEHICULAR ENTRANCE: PROVIDE DISABLED ACCESS AUTHORIZATION SIGNS PER DETAIL 2/A-11.2.  
 VERTICAL CLEARANCES AT DISABLED PARKING SPACES SHALL BE MINIMUM 8'-2" CLEAR TYPICAL.  
 ALL OTHER SPACES SHALL HAVE A MINIMUM 7'-0" CLEARANCE.

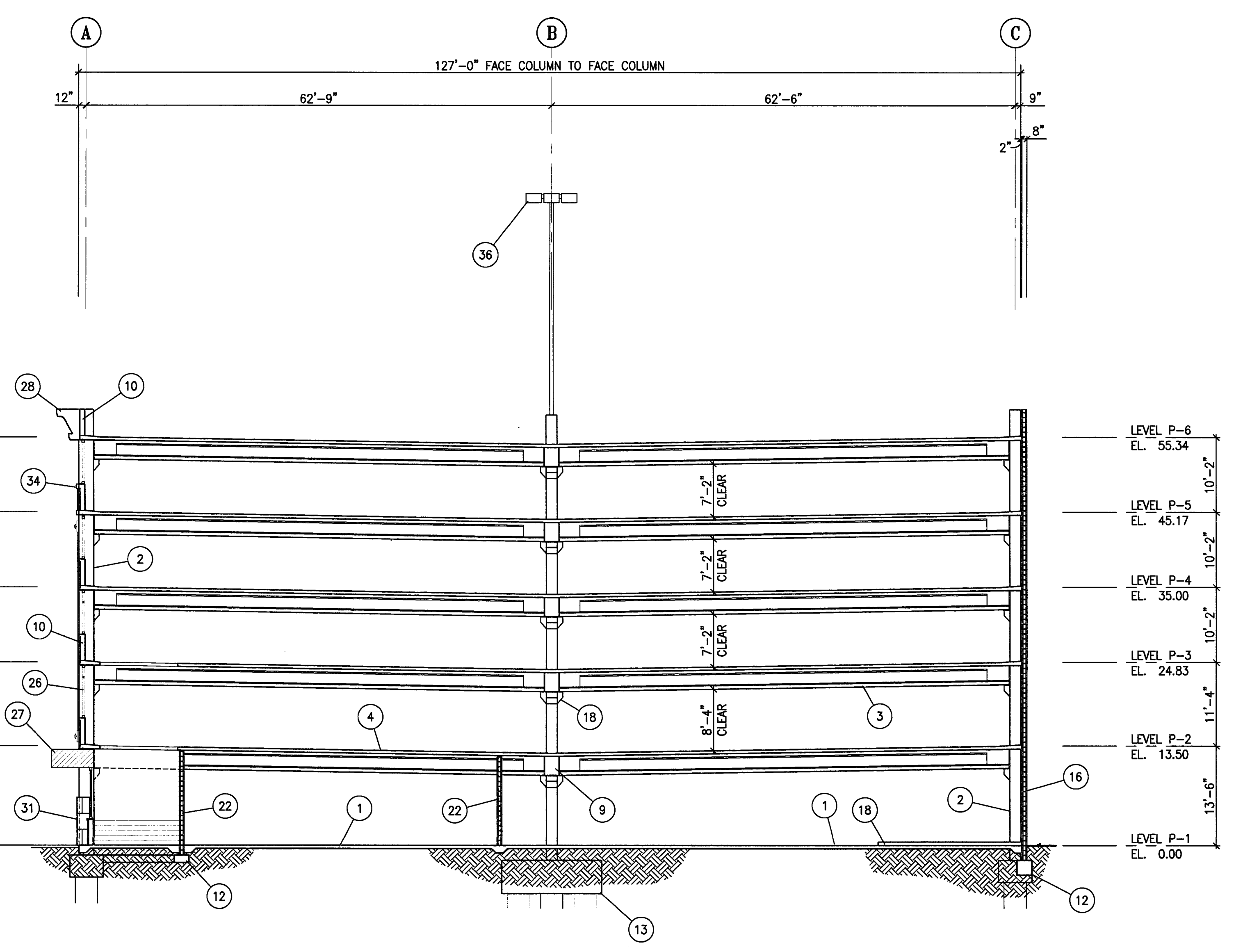
- KEY NOTES: #**
1. CONCRETE SLAB ON GRADE
  2. PRECAST CONCRETE COLUMN
  3. PRECAST CONCRETE BEAM
  4. CONCRETE SLAB
  5. CONCRETE FRAME BEAM
  6. CONCRETE WALL
  7. GALV. BARRIER CABLES
  8. GALV. BARRIER CABLES BEYOND
  9. PRECAST CONC. GIRDER
  10. CONCRETE SPANDREL
  11. UPTURNED BEAM
  12. FOOTING REF. STRUCT'L
  13. FOOTING BEYOND
  14. TUBE STEEL RAILING
  15. COND. LOW WALL
  16. CMU WALL, REF. STRUCT'L
  17. CMU WALL BEYOND
  18. CONCRETE CURB/ISLAND
  19. COLUMN CORSEL
  20. CMU RAMP WALL
  21. RAILING BEYOND
  22. 8" CMU OCCUPANCY SEPARATION WALL
  23. STOREFRONT WINDOW WALL SYSTEM
  24. INFILL MTL. STUD WALL
  25. SECURITY GRILLE
  26. PREFINISHED ALUM. TUBE FRAMING
  27. METAL CANOPY BY PUBLIC ARTIST
  28. EPS MOLDING SYSTEM
  29. CONCRETE BEAM
  30. LT. GA. METAL FRMG w/ STUCCO FINISH
  31. CERAMIC TILE WAINSCOT
  32. SPANDREL BEYOND
  33. FRAME BEAM BEYOND
  34. EPS MOLDING COLUMN WRAP
  35. STOREFRONT WALL SYSTEM BEYOND
  36. LIGHTPOLE
  37. BRICK VENEER WAINSCOT
  38. LIGHT FIXTURE
  39. CURB/ISLAND BEYOND



**D** TRANSVERSE BUILDING SECTION AT LINE 7  
 SCALE: 3/32" = 1'-0"



**E** TRANSVERSE BUILDING SECTION AT LINE 10  
 SCALE: 3/32" = 1'-0"



**C** TRANSVERSE BUILDING SECTION AT LINE 4  
 SCALE: 3/32" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
 City of Stockton

**DESIGN BUILDER:**  
 F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

**CONSULTANTS:**  
 Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palms Verdes, California 90275  
 310. 544. 8670

Design Architect  
**Wenell Matthews Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

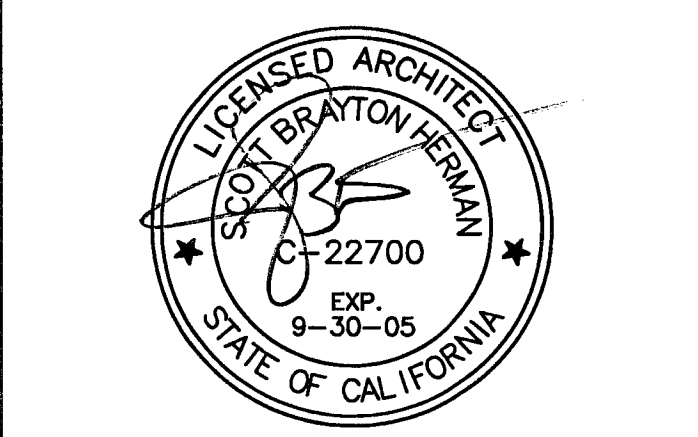
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9660

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



**SHEET TITLE**  
**TRANSVERSE BUILDING SECTIONS**

DATE	SCALE
29, NOV. 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
ACL	SBH
DRAWING NO.	SHEET
A-53	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-5.3**  
 PROJECT NO:  
 HNA 2319

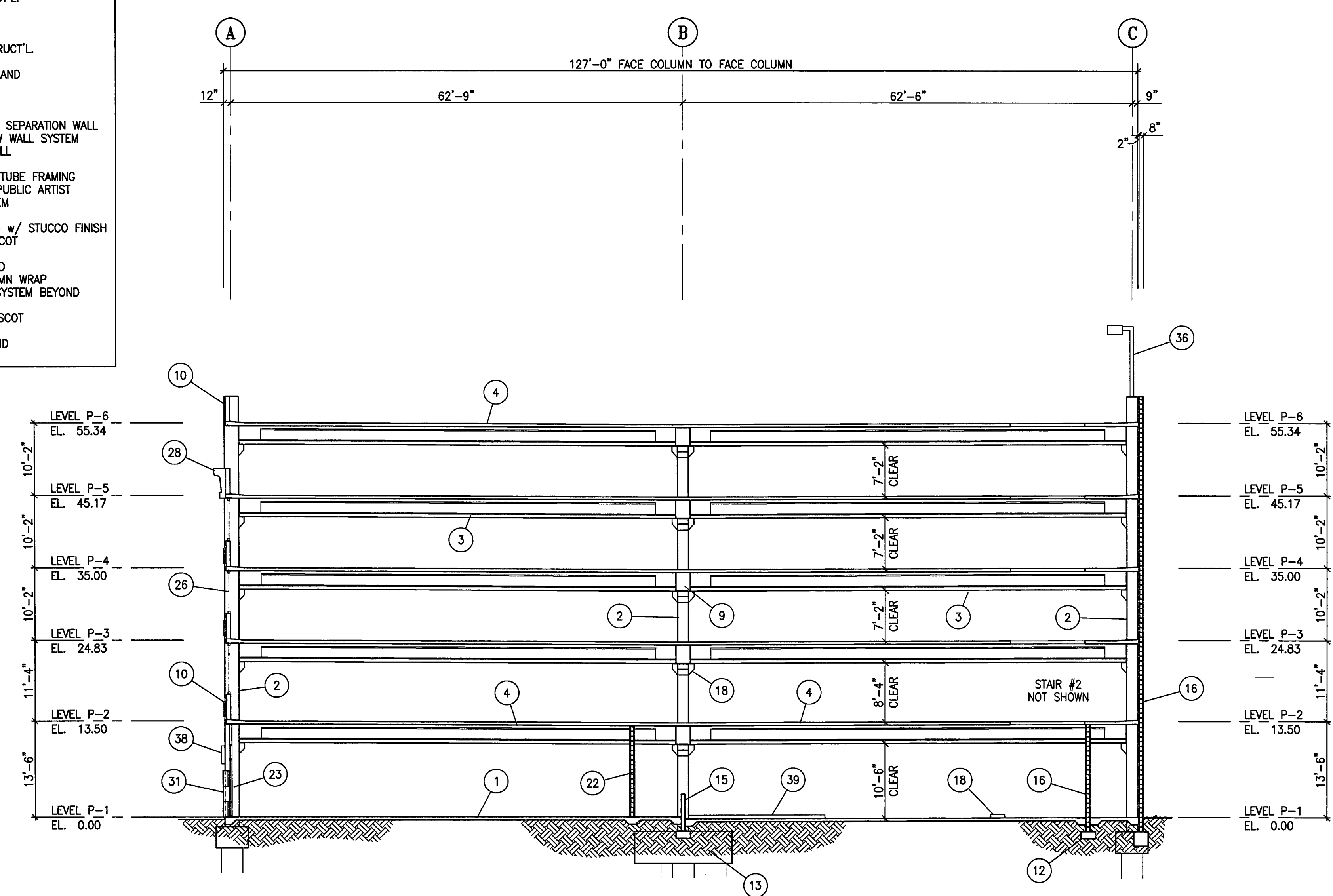
- KEY NOTES:** ( # )
1. CONCRETE SLAB ON GRADE
  2. PRECAST CONCRETE COLUMN
  3. PRECAST CONCRETE BEAM
  4. CONCRETE SLAB
  5. CONCRETE FRAME BEAM
  6. CONCRETE WALL
  7. GALV. BARRIER CABLES
  8. GALV. BARRIER CABLES BEYOND
  9. PRECAST CONC. GIRDER
  10. CONCRETE SPANDREL
  11. UPTURNED BEAM
  12. FOOTING REF. STRUCT'L.
  13. FOOTING BEYOND
  14. TUBE STEEL RAILING
  15. CONC. LOW WALL
  16. CMU WALL, REF. STRUCT'L.
  17. CMU WALL BEYOND
  18. CONCRETE CURB/ISLAND
  19. COLUMN CORSEL
  20. CMU RAMP WALL
  21. RAILING BEYOND
  22. 8" CMU OCCUPANCY SEPARATION WALL
  23. STOREFRONT WINDOW WALL SYSTEM
  24. INFILL MTL STUD WALL
  25. SECURITY GRILLE
  26. PREFINISHED ALUM. TUBE FRAMING
  27. METAL CANOPY BY PUBLIC ARTIST
  28. EIFS MOLDING SYSTEM
  29. CONCRETE BEAM
  30. LT. GA. METAL FRMG w/ STUCCO FINISH
  31. CERAMIC TILE WAINSCOT
  32. SPANDREL BEYOND
  33. FRAME BEAM BEYOND
  34. EIFS MOLDING COLUMN WRAP
  35. STOREFRONT WALL SYSTEM BEYOND
  36. LIGHTPOLE
  37. BRICK VENER WAINSCOT
  38. LIGHT FIXTURE
  39. CURB/ISLAND BEYOND

VERTICAL CLEARANCES LEADING TO AND FROM EACH DISABLED PARKING SPACE SHALL BE A MINIMUM OF 8'-2" CLEAR. THE VERTICAL CLEARANCE PROVIDED IN DESIGNATED DRIVE AISLES IS 8'-2" CLEAR (MINIMUM), TYPICAL.

AT EACH VEHICULAR ENTRANCE: PROVIDE DISABLED ACCESS AUTHORIZATION SIGNS PER DETAIL 2/A-11.2.

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ALL OTHER SPACES SHALL HAVE A MINIMUM 7'-0" CLEARANCE.



**G** TRANSVERSE BUILDING SECTION AT LINE 17  
 A-5.3 SCALE: 3/32" = 1'-0"

**CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
City of Stockton

**DESIGN BUILDER:**  
F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209. 931. 3738

**CONSULTANTS:**  
Address - Planning Consultant  
**HNA / Pacific**  
61 Sea Breeze Avenue  
Rancho Palms Verdes, California 90275  
310. 544. 8670

Design Architect  
**Wenell Matthews Bowe**  
248 E. Main Street  
Stockton, California 95202  
209. 944. 9110

Structural Engineer  
**Jessens-Wright Structural Engineers**  
113 West 8th Avenue, Suite A  
Chico, California 95926  
530. 894. 6345

Civil Engineer  
**Siegfried Engineering, Inc.**  
4045 Coronado Avenue  
Stockton, California 95204  
209. 943. 2021

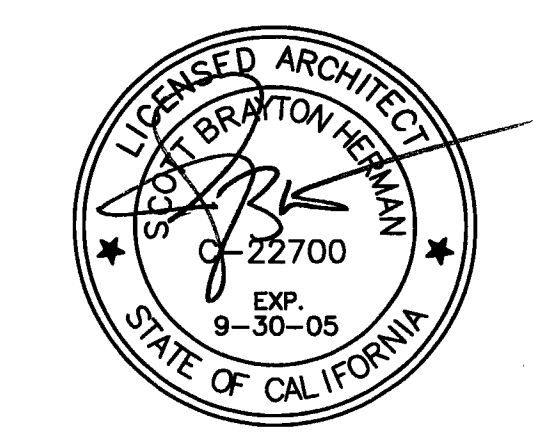
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
3650 Wilcox Road  
Stockton, California 95215  
209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
611 W. Fremont Street  
Stockton, California 95203  
209. 486. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
1607 Turnpike Road  
Stockton, California 95201  
209. 486. 4601

**CONST. DOCUMENTS**

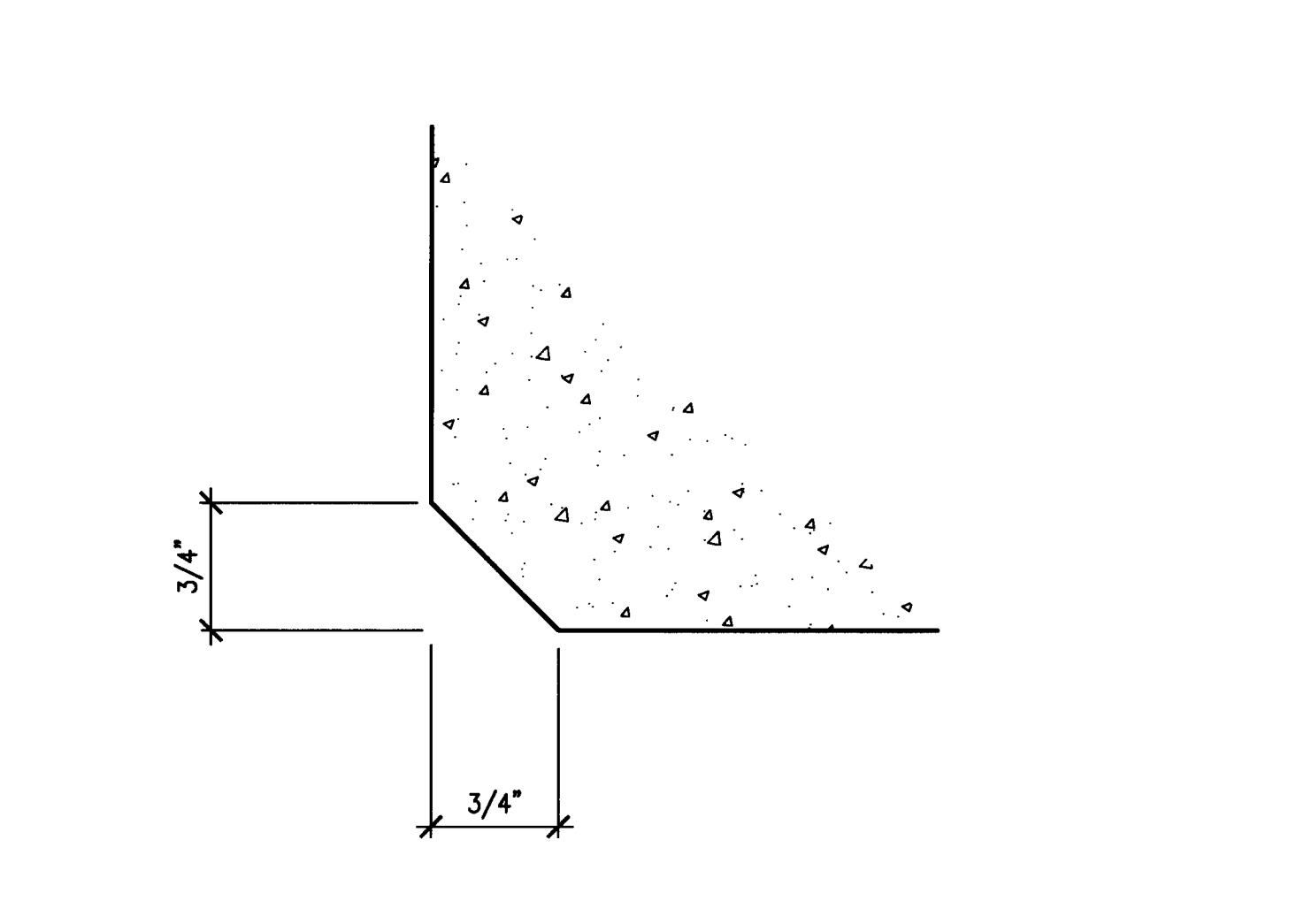
REVISIONS:	
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



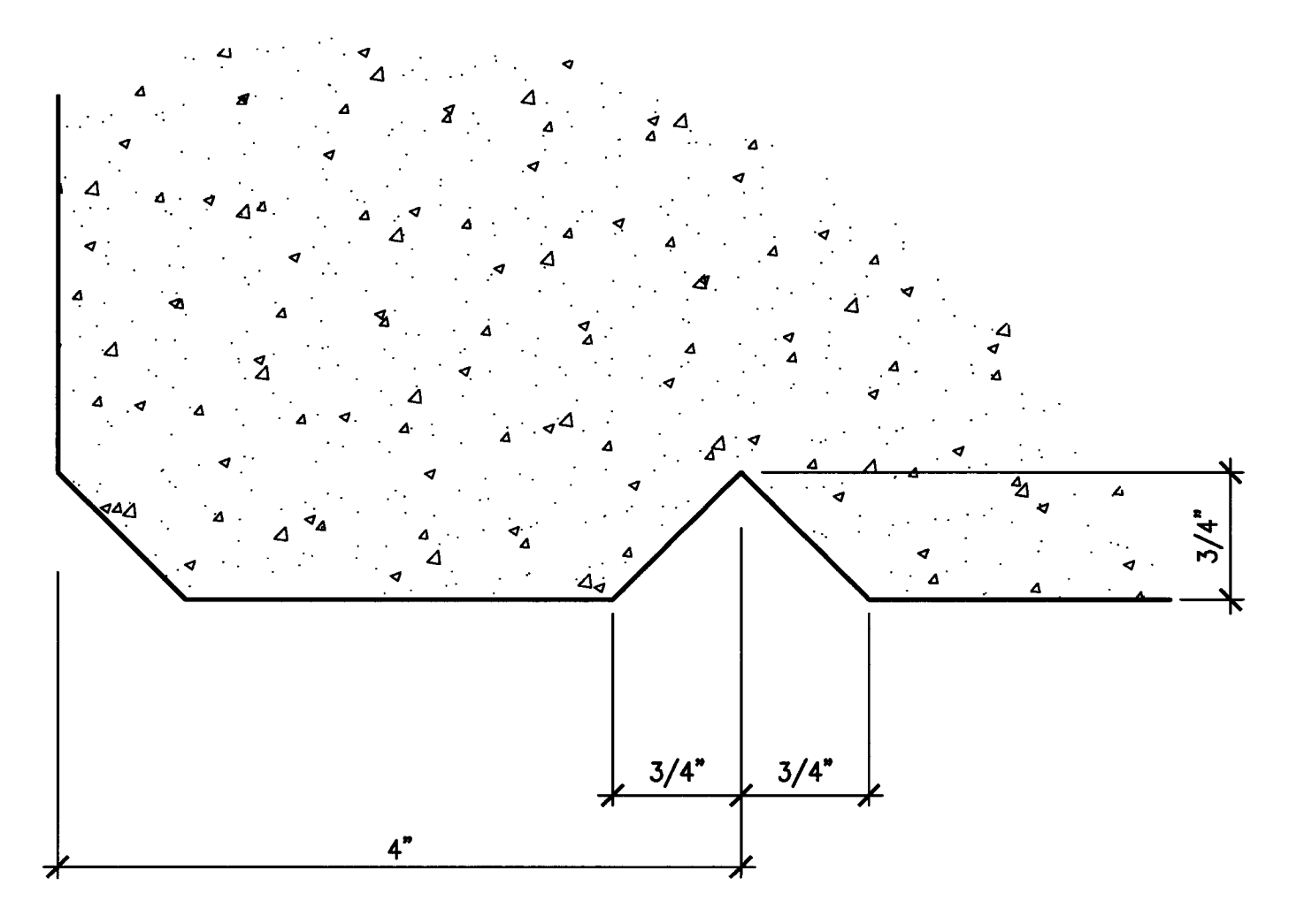
**SHEET TITLE**  
**TYPICAL  
DETAIL  
SECTIONS**

DATE 28, NOV. 2004	SCALE 1" = 1'-0"
DRAWN BY ACL	CHECKED BY SBH
DRAWING NO. 2319A-6-1	SHEET
PROGRAM NO.	R-NO.

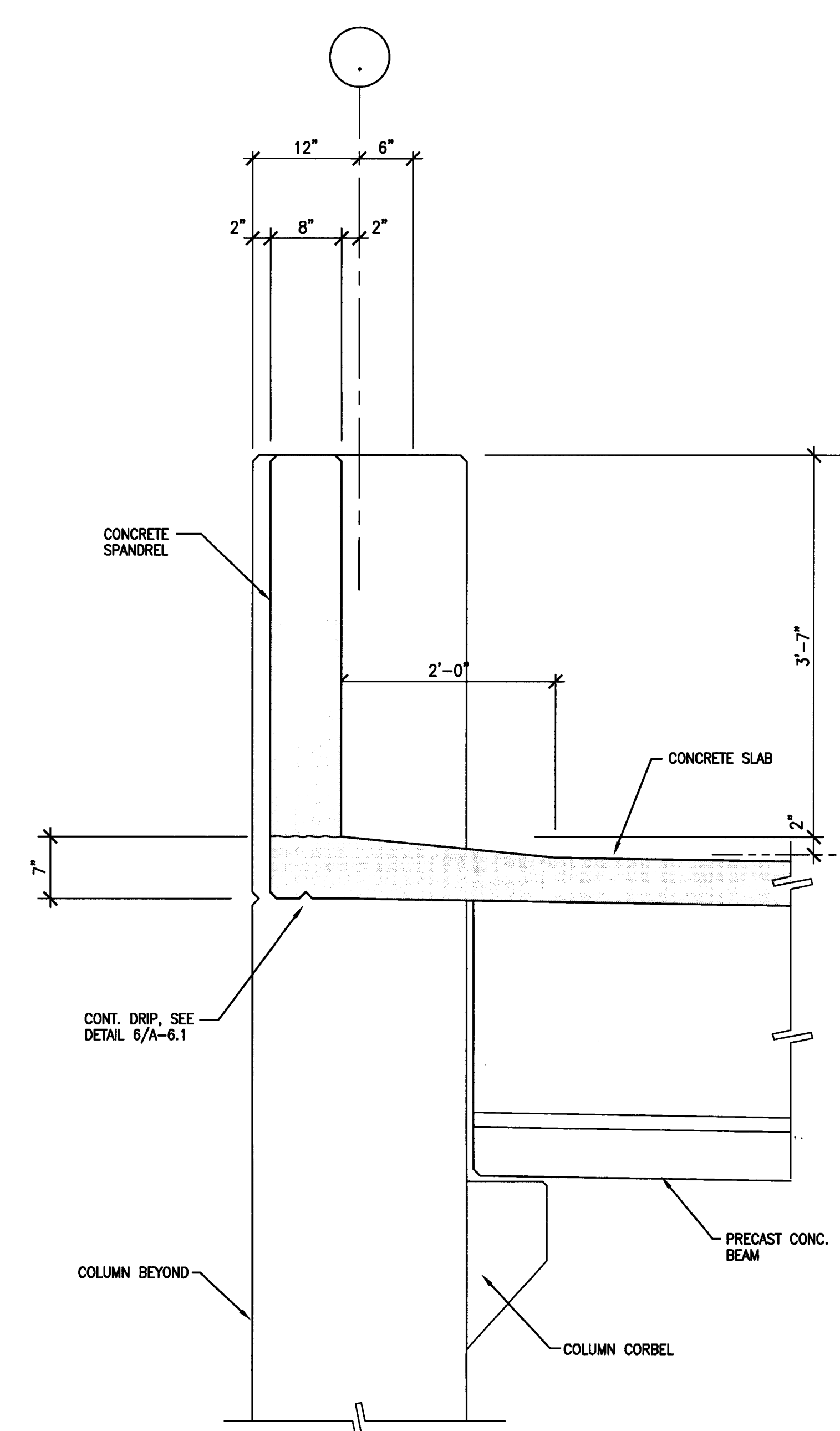
DRAWING NO:  
**A-6.1**  
PROJECT NO:  
HNA 2319



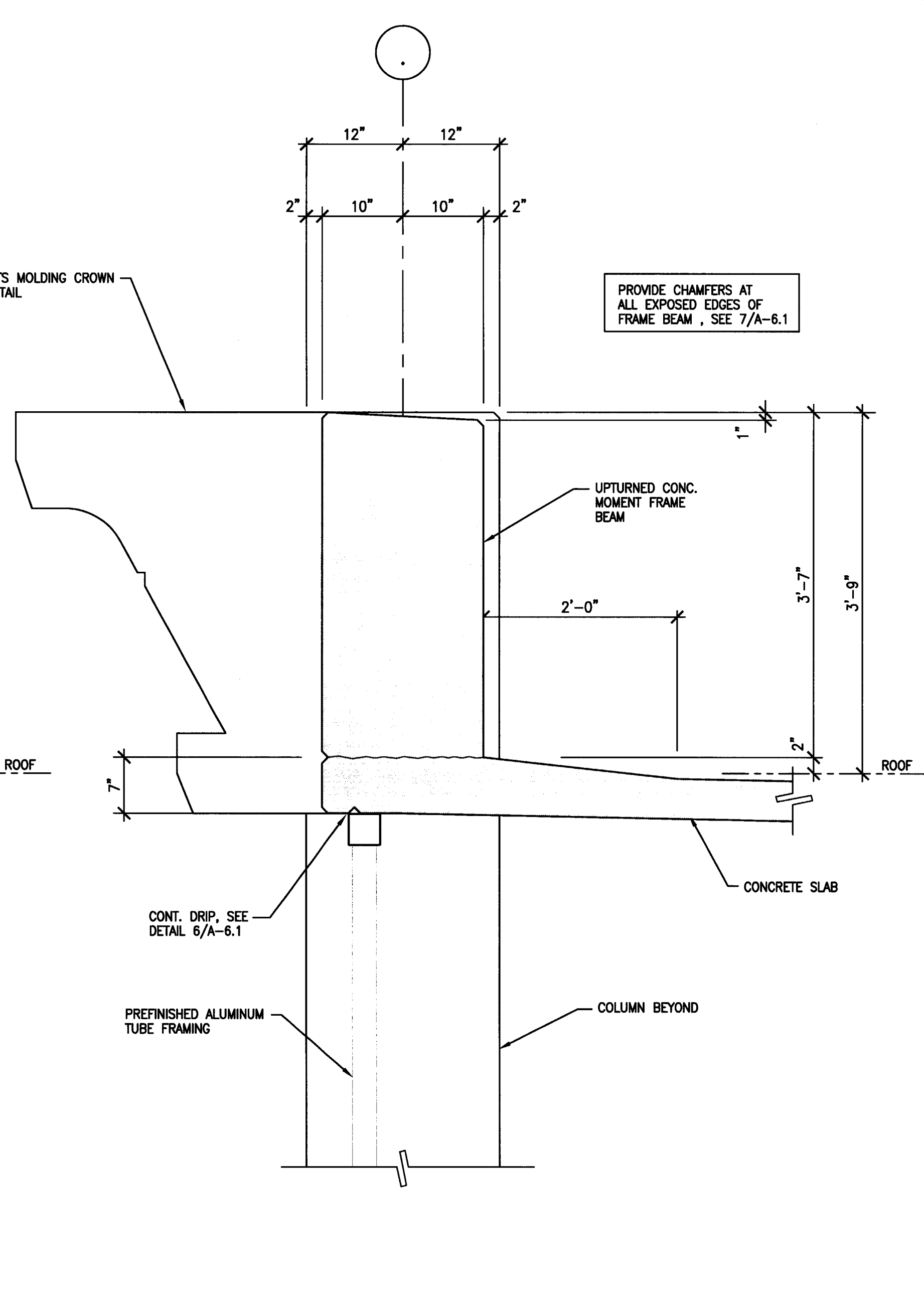
**7 TYPICAL CHAMFER DETAIL**  
SCALE: FULL



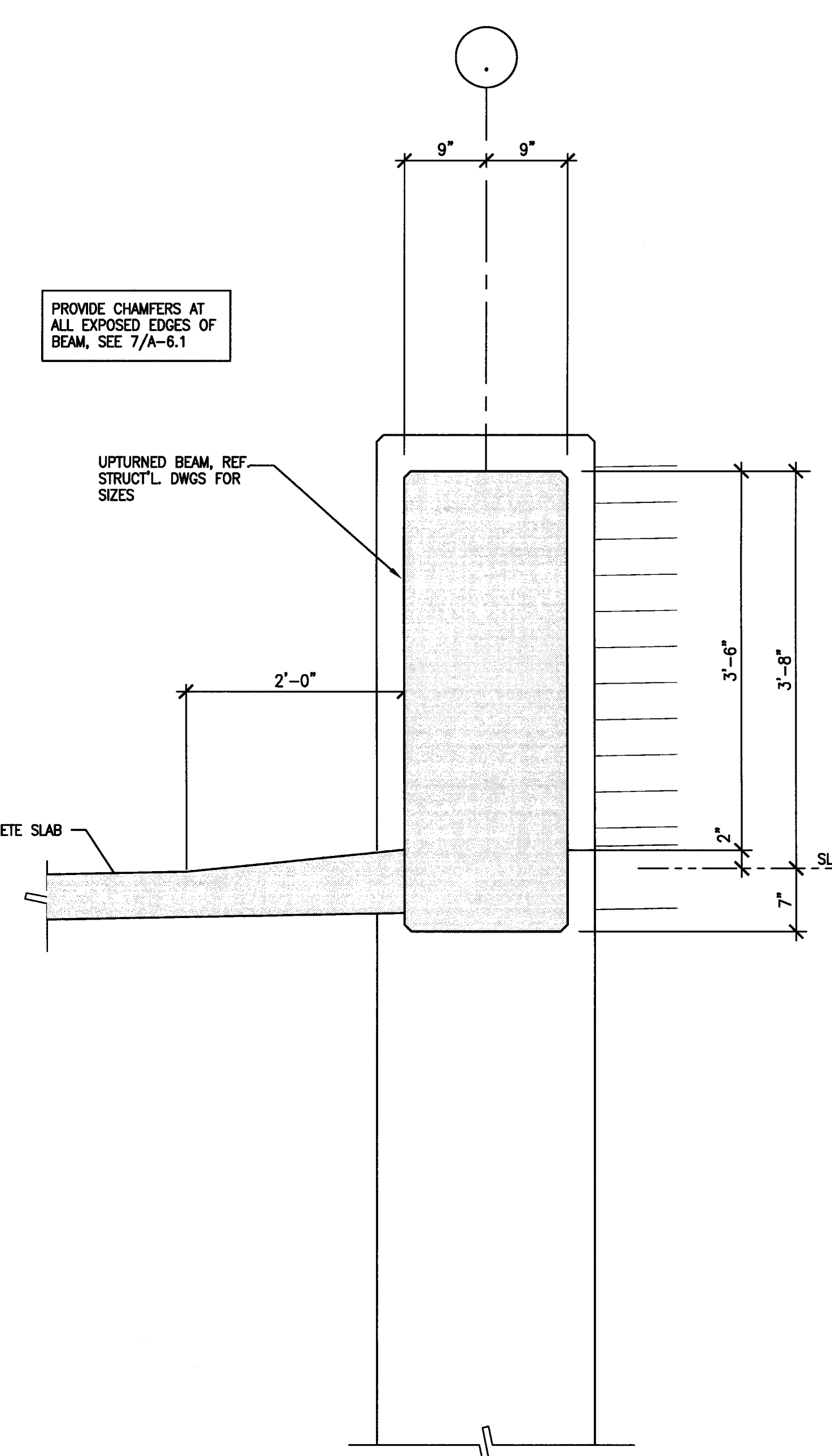
**6 TYPICAL DRIP DETAIL**  
SCALE: FULL



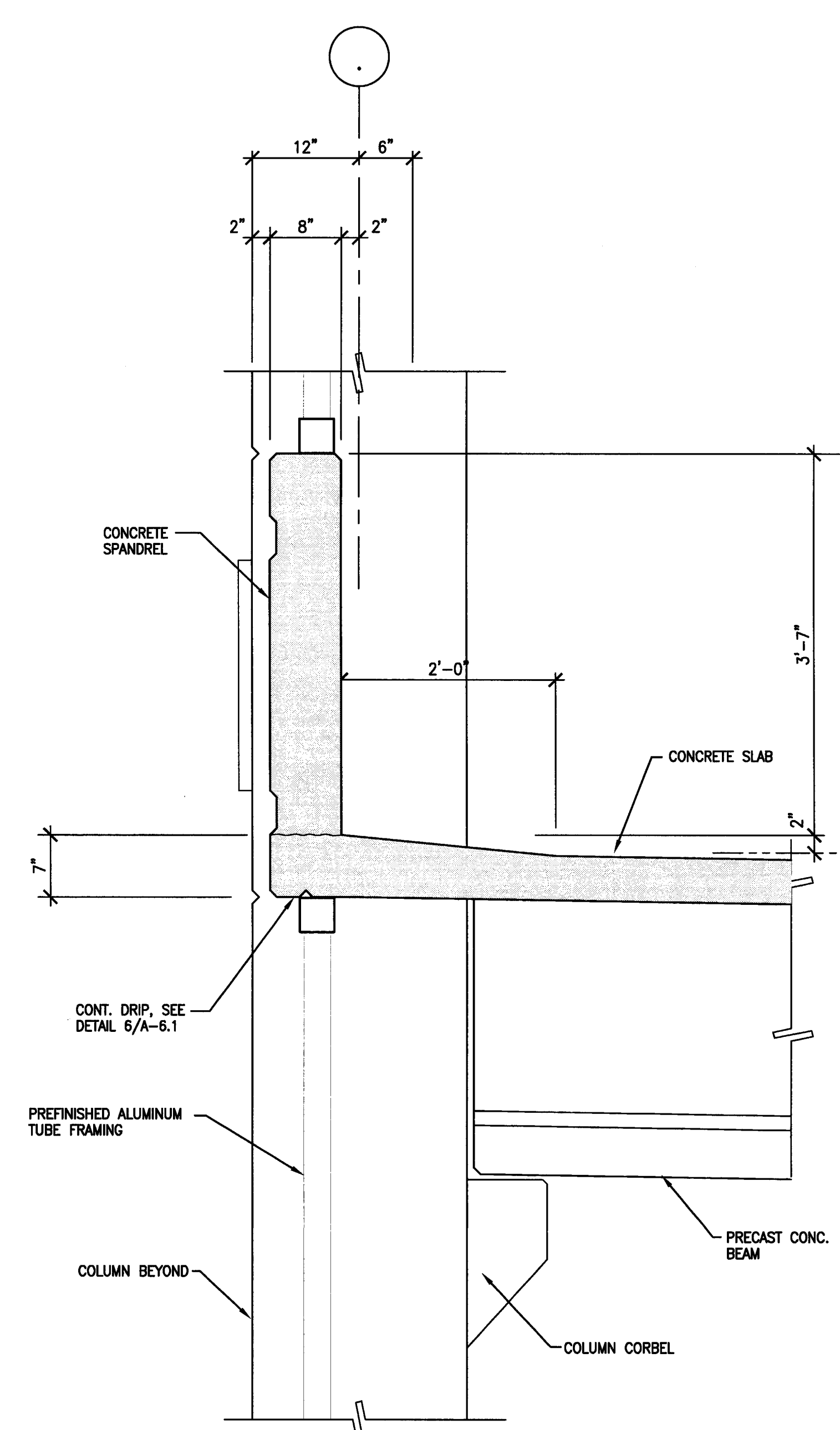
**4 SPANDREL AT ROOF LEVEL**  
SCALE: 1" = 1'-0"



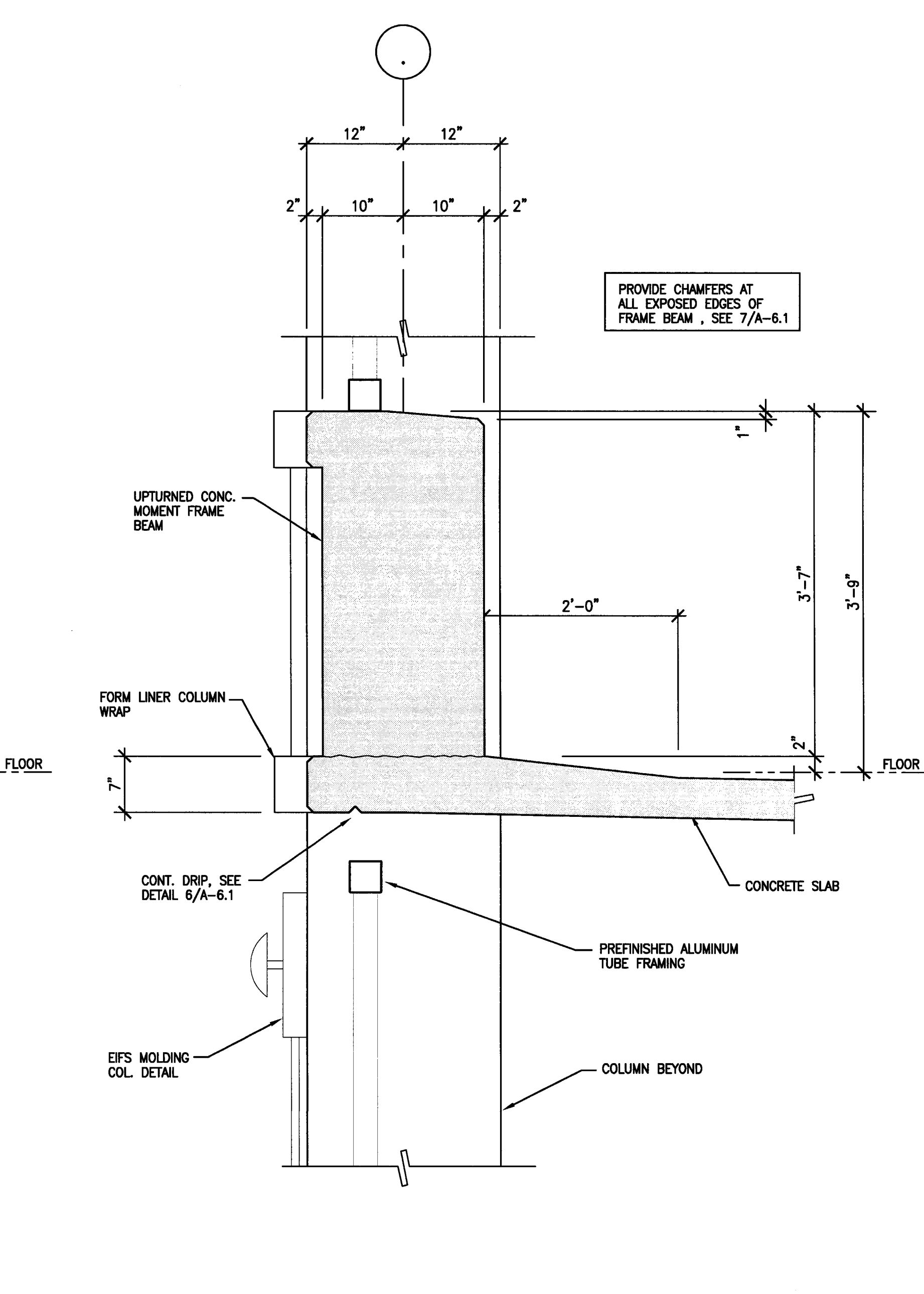
**2 FRAME BEAM AT ROOF LEVEL**  
SCALE: 1" = 1'-0"



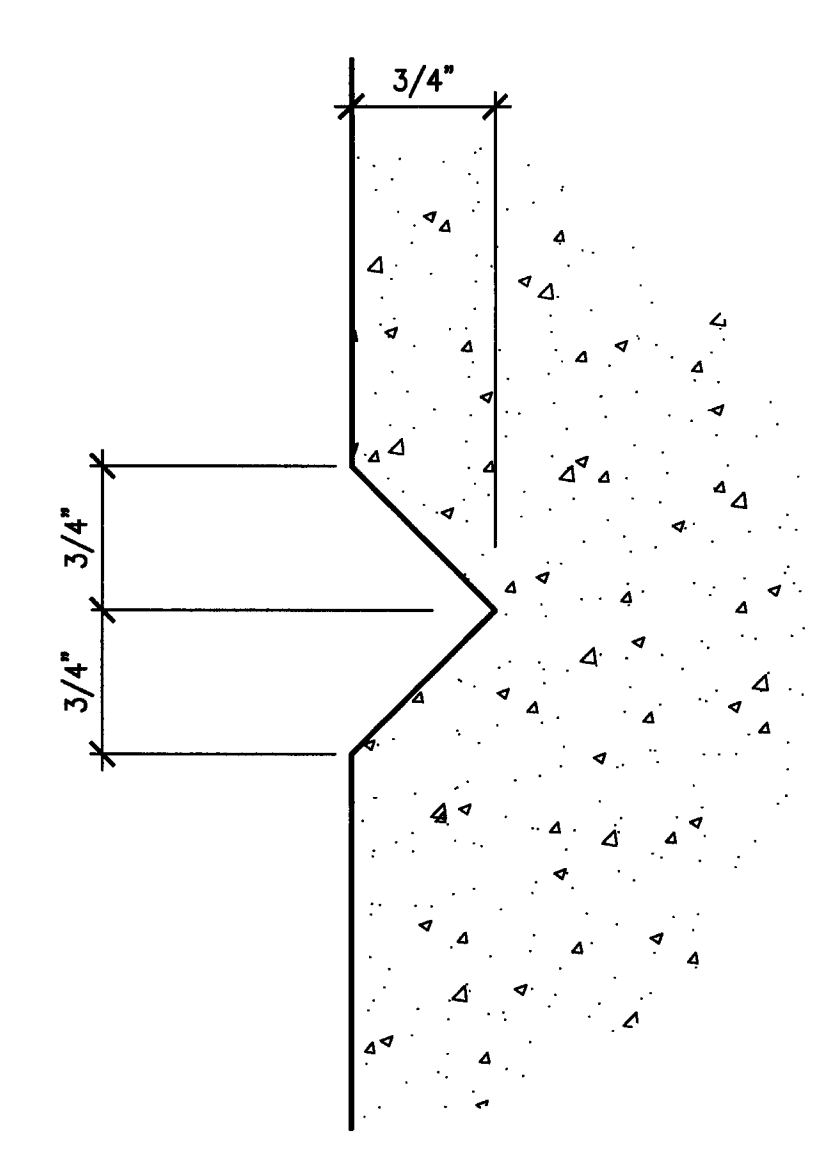
**5 UPTURNED BEAM DETAIL**  
SCALE: 1" = 1'-0"



**3 SPANDREL AT FLOOR LEVEL**  
SCALE: 1" = 1'-0"



**1 FRAME BEAM AT FLOOR LEVEL**  
SCALE: 1" = 1'-0"



**8 TYPICAL REVEAL DETAIL**  
SCALE: FULL

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:  
 Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palms Verdes, California 90275  
 310. 544. 8870

Design Architect  
**Wendell Matthews Bove**  
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 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
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 209. 943. 2021

Plumbing Designer - Designer/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

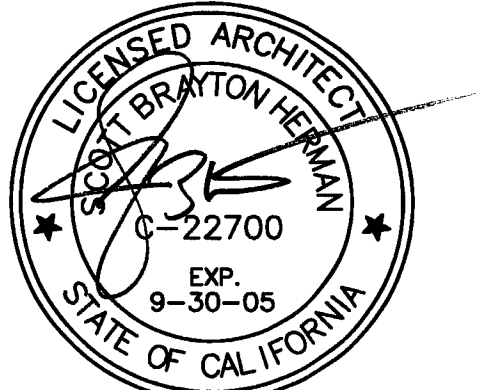
Electrical Designer - Designer/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Designer/Builder  
**Comfort Air**  
 1607 Tumpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:

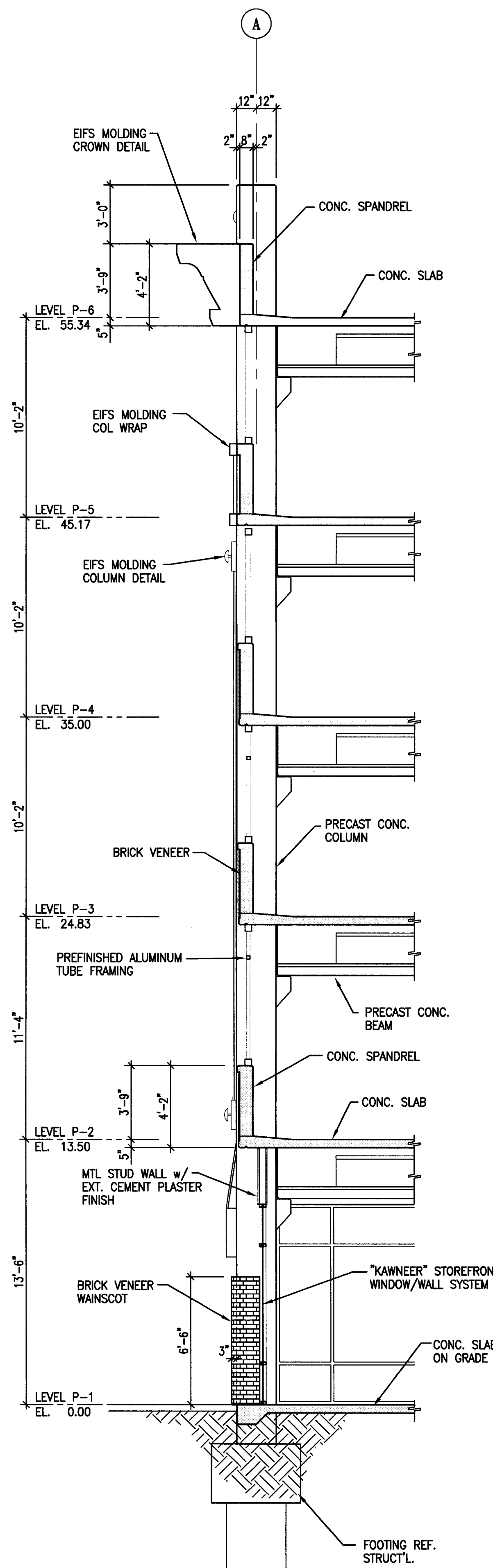
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3/11/05	PERMIT SET



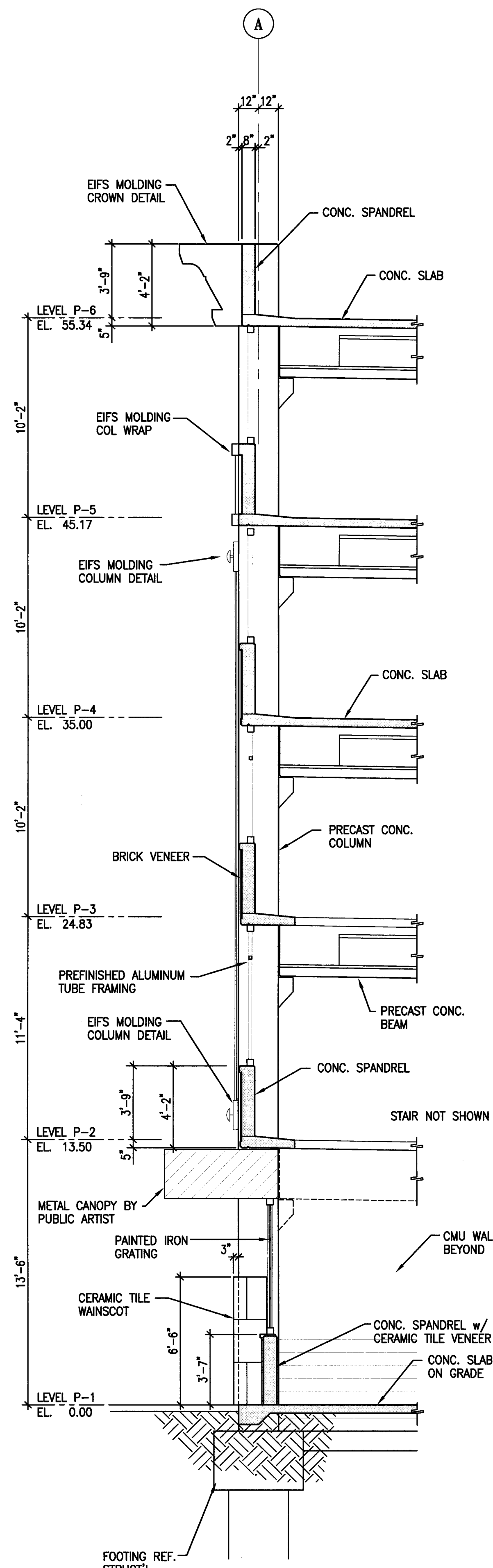
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**WALL SECTIONS**

DATE 29, NOV. 2004	SCALE 1/4" = 1'-0"
DRAWN BY ACL	CHECKED BY SBH
DRAWING NO. 2319A-6-2	SHEET
PROGRAM NO.	R-NO.

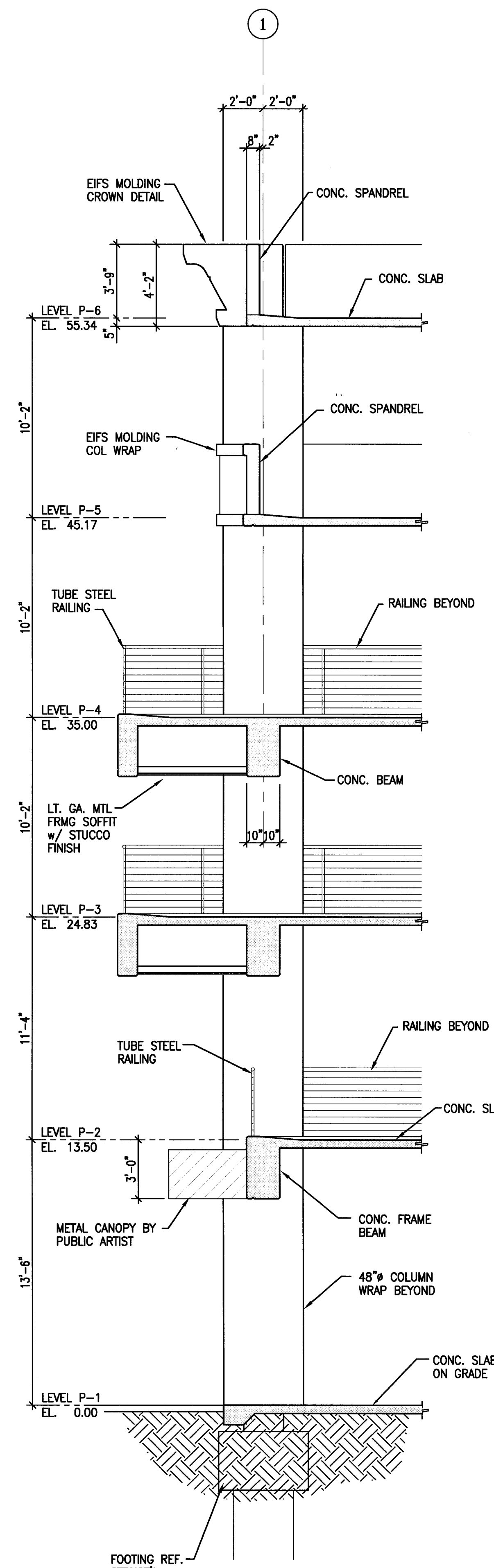
DRAWING NO:  
**A-6.2**  
 PROJECT NO:  
 HNA 2319



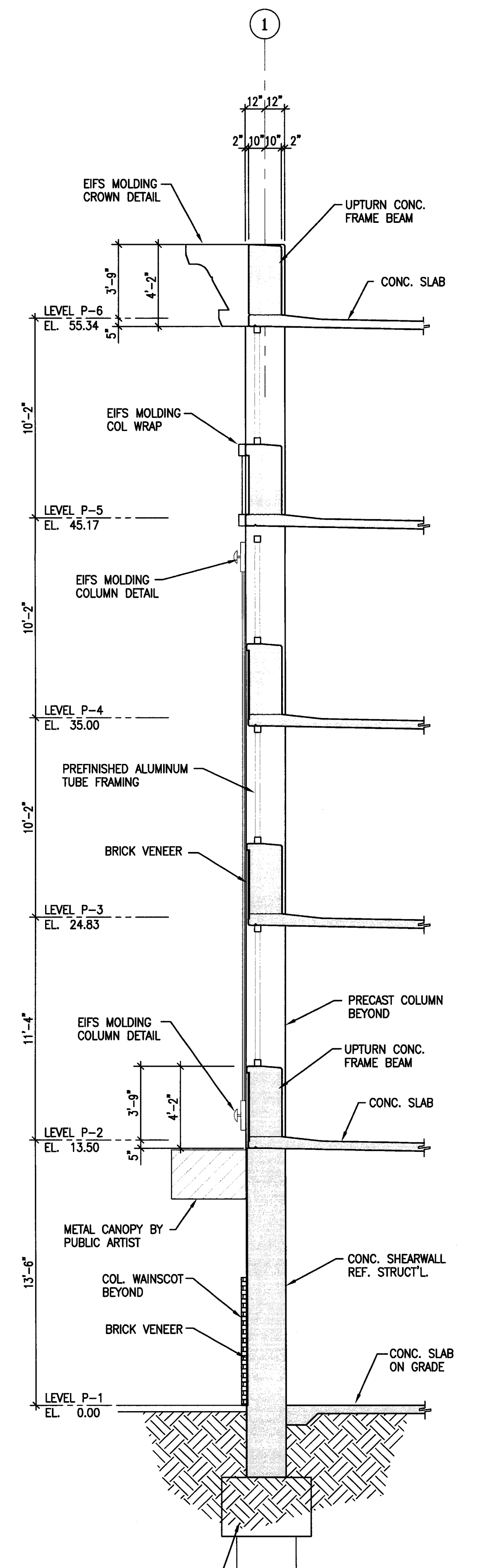
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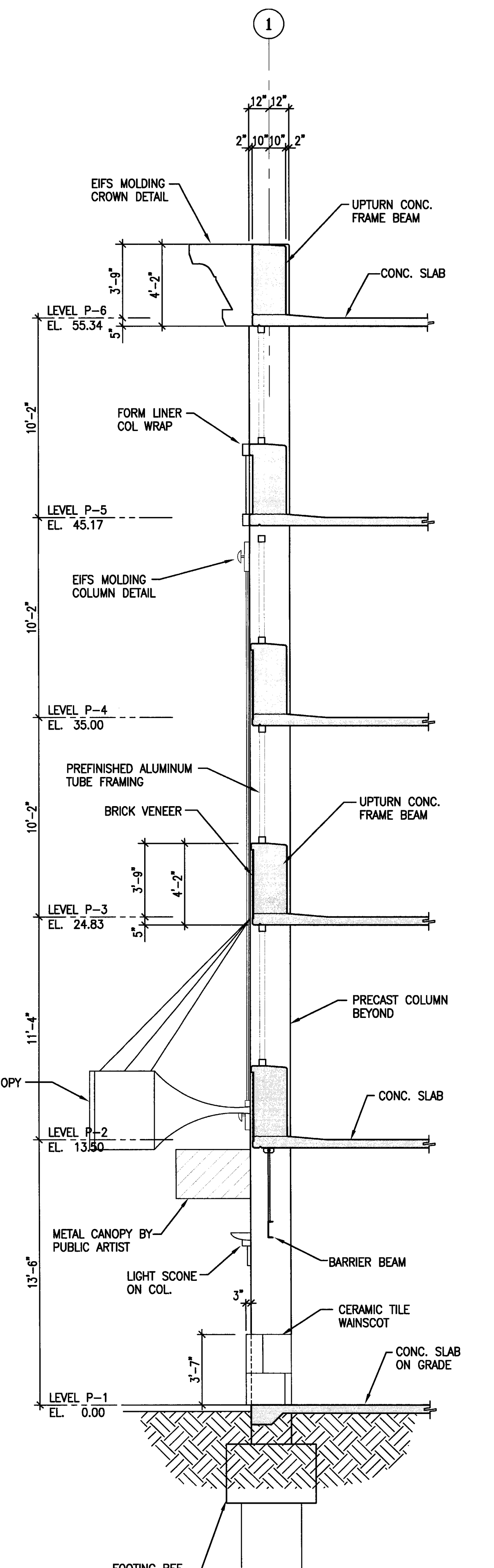
4 WALL SECTION AT LINE A  
 A-6.2 SCALE: 1/4" = 1'-0"



3 WALL SECTION AT LINE 1  
 A-6.2 SCALE: 1/4" = 1'-0"



2 WALL SECTION AT LINE 1  
 A-6.2 SCALE: 1/4" = 1'-0"



1 WALL SECTION AT LINE 1  
 A-6.2 SCALE: 1/4" = 1'-0"

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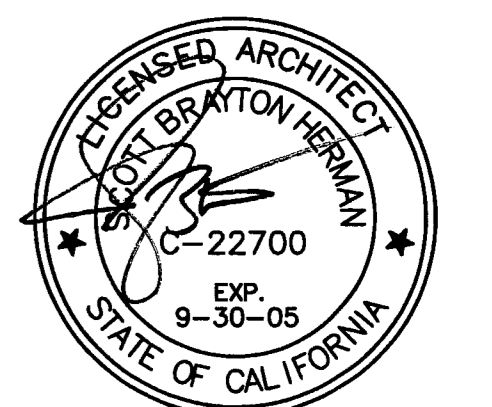
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:

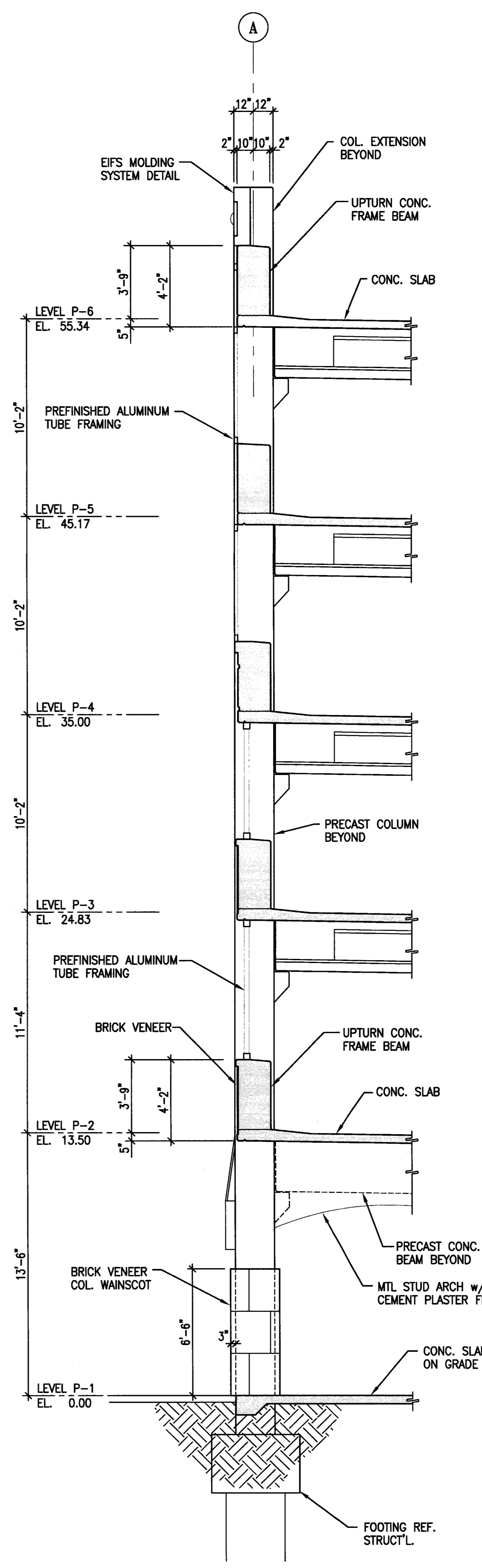
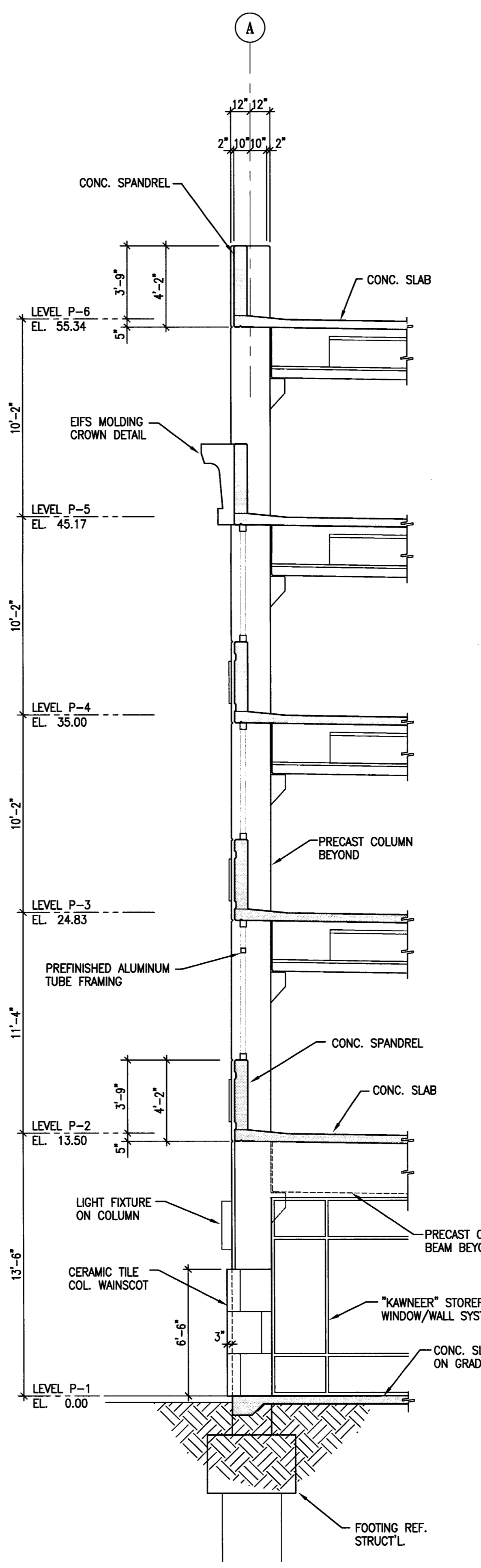
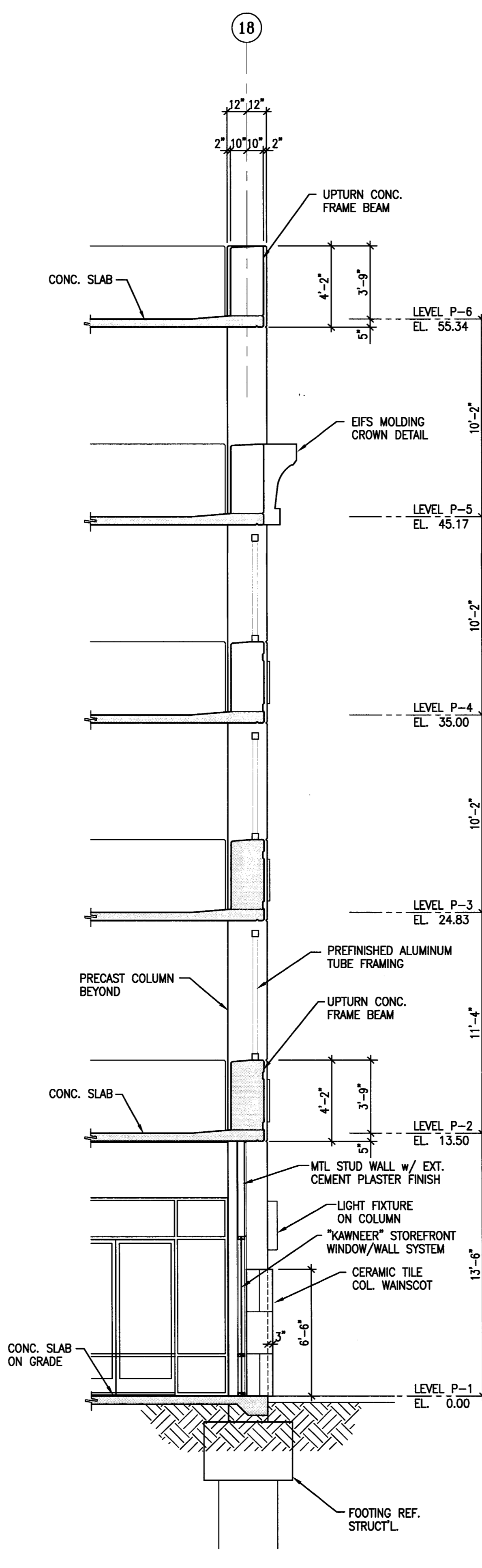
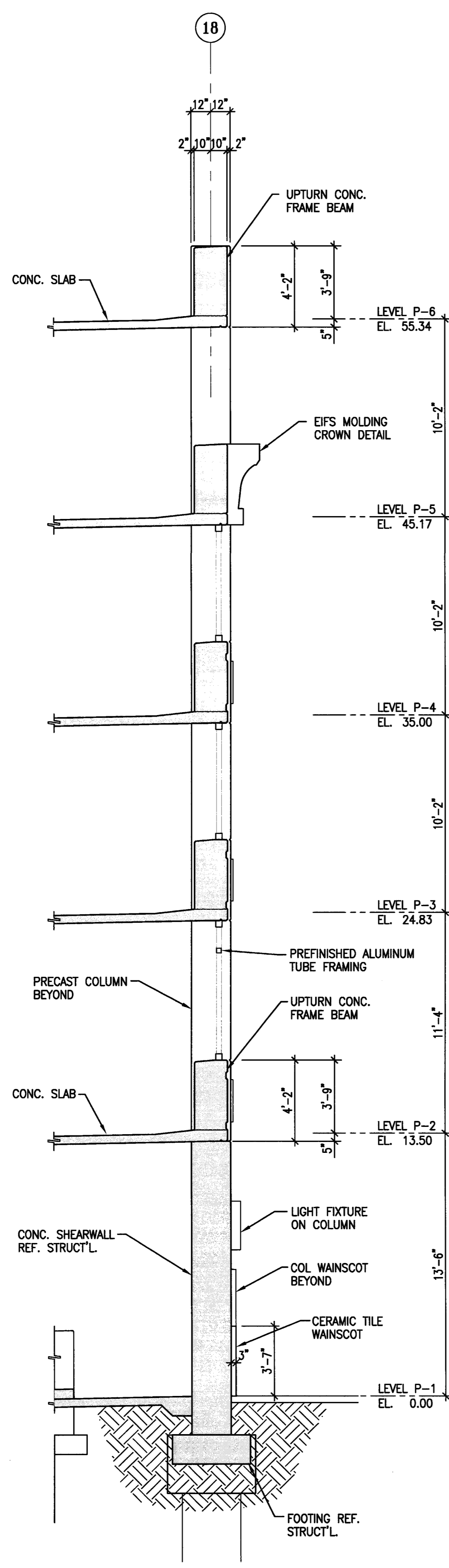
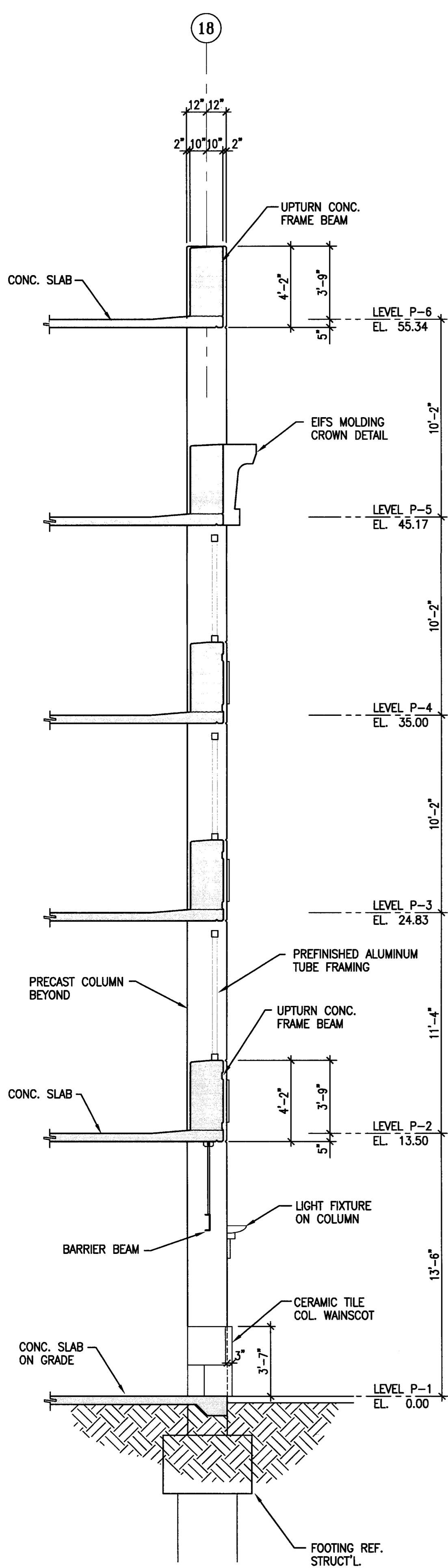
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3/11/05	PERMIT SET



SHEET TITLE  
**WALL SECTIONS**

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DRAWN BY	CHECKED BY
ACL	SBH
DRAWING NO.	SHEET
2319A-6-3	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-6.3**  
 PROJECT NO:  
 HNA 2319



10 WALL SECTION AT LINE 18  
 A-6.3 SCALE: 1/4" = 1'-0"

9 WALL SECTION AT LINE 18  
 A-6.3 SCALE: 1/4" = 1'-0"

8 WALL SECTION AT LINE 18  
 A-6.3 SCALE: 1/4" = 1'-0"

7 WALL SECTION AT LINE A  
 A-6.3 SCALE: 1/4" = 1'-0"

6 WALL SECTION AT LINE A  
 A-6.3 SCALE: 1/4" = 1'-0"

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 Stockton, California 95204  
 209. 943. 2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

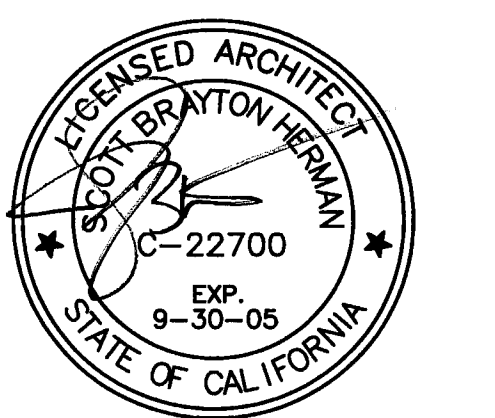
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 486. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
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**CONST. DOCUMENTS**

**REVISIONS:**

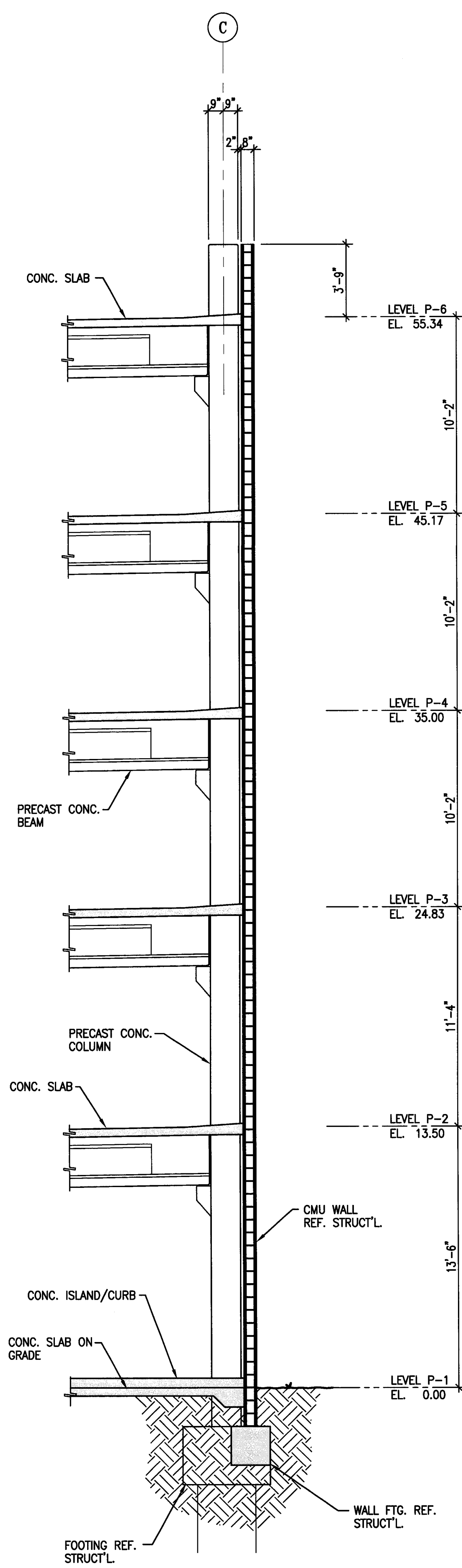
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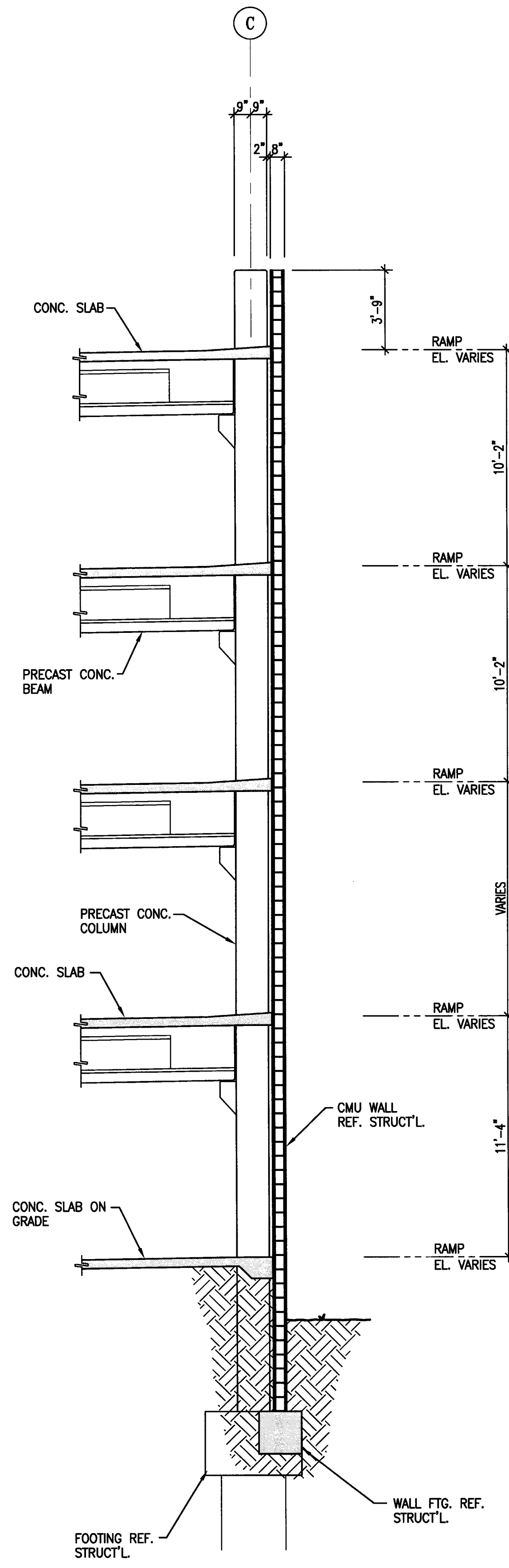
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ACL	SBH
DRAWING NO.	SHEET
2319A-6-4	
PROGRAM NO.	R-NO.

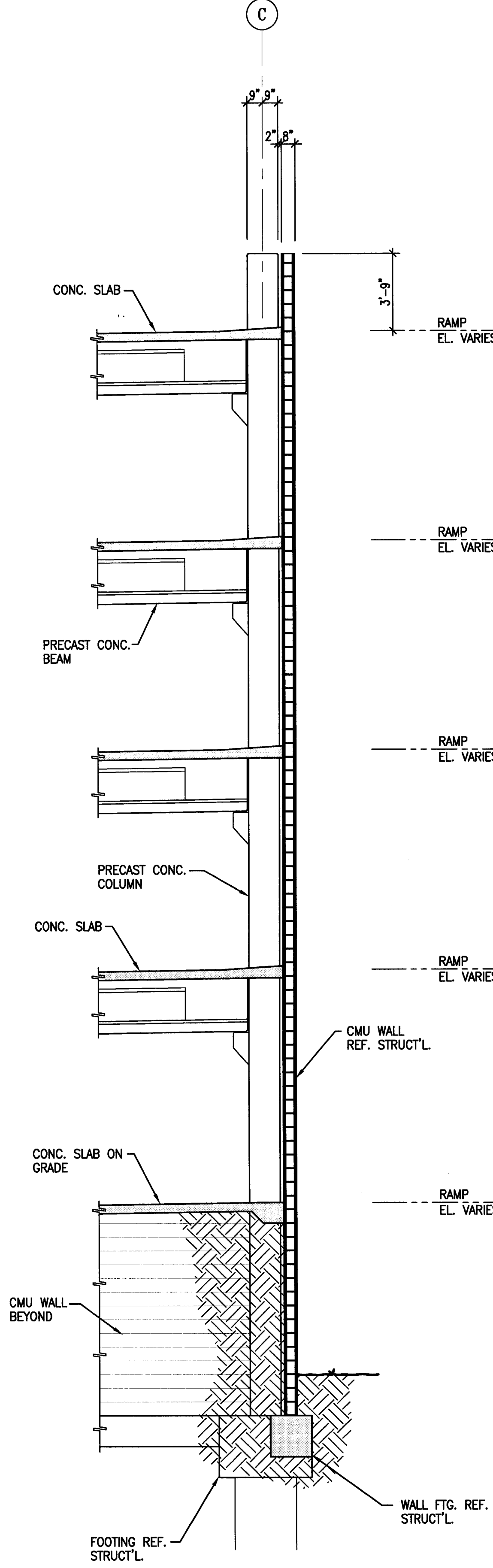
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**A-6.4**  
**PROJECT NO:**  
 HNA 2319



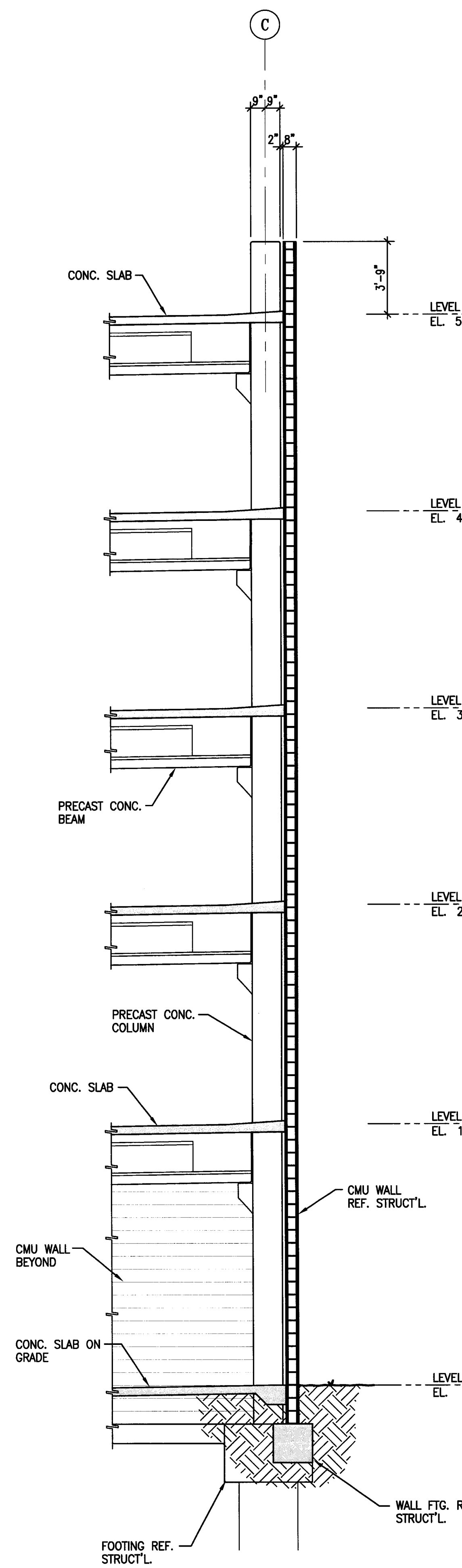
15 WALL SECTION AT LINE C  
 SCALE: 1/4" = 1'-0"



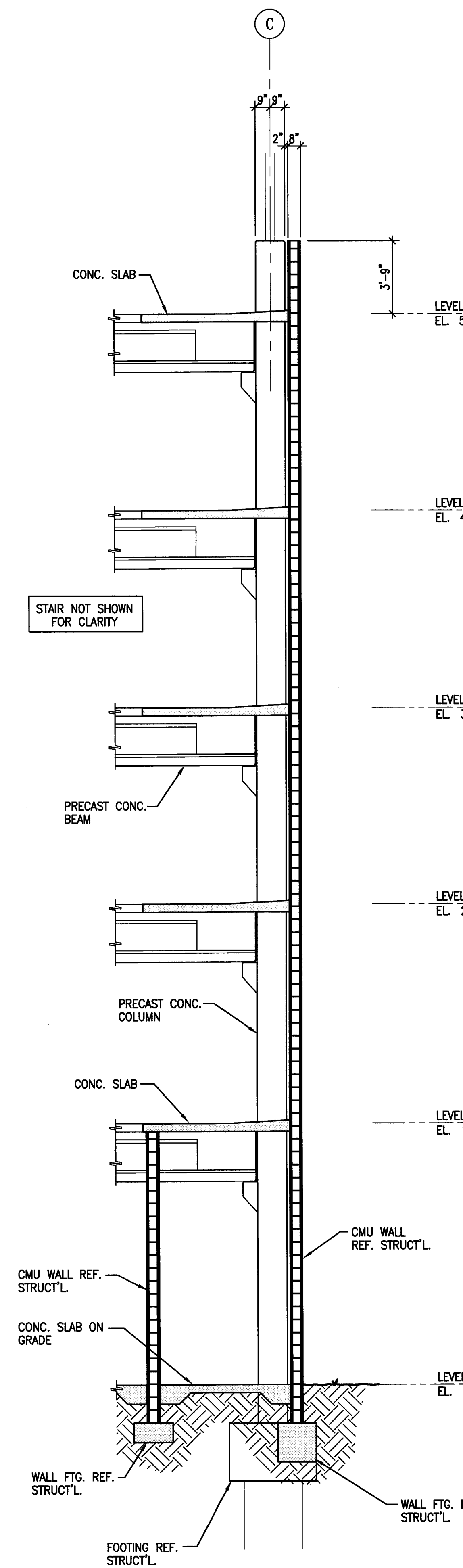
14 WALL SECTION AT LINE C  
 SCALE: 1/4" = 1'-0"



13 WALL SECTION AT LINE C  
 SCALE: 1/4" = 1'-0"



12 WALL SECTION AT LINE C  
 SCALE: 1/4" = 1'-0"



11 WALL SECTION AT LINE C  
 SCALE: 1/4" = 1'-0"

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Stockton, California 95204  
209.943.2021

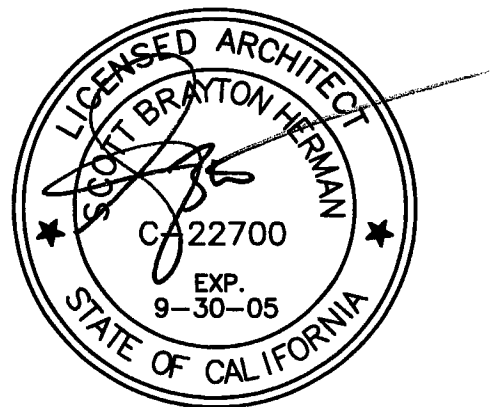
Plumbing Designer - Design/Builder  
HRM Plumbing  
3650 Wilcox Road  
Stockton, California 95215  
209.931.9650

Electrical Designer - Design/Builder  
Collins Electrical  
611 W. Fremont Street  
Stockton, California 95203  
209.466.3691

Mechanical Designer - Design/Builder  
Comfort Air  
1607 Turnpike Road  
Stockton, California 95201  
209.466.4601

**CONST. DOCUMENTS**

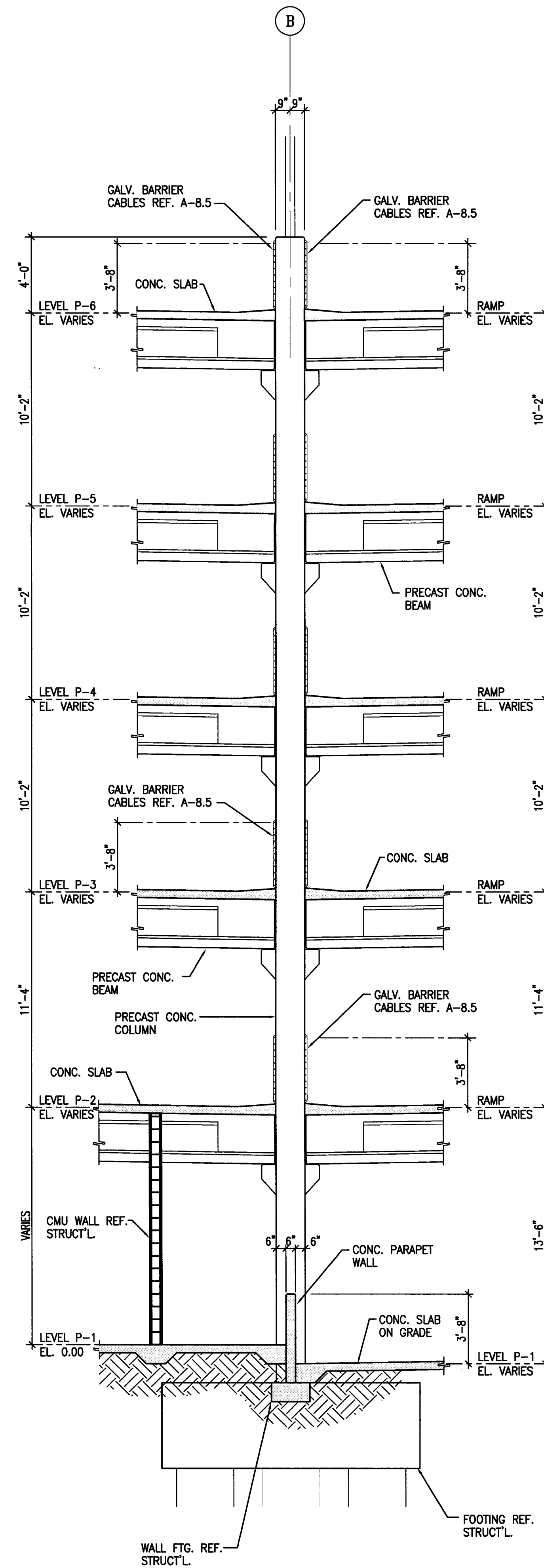
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11/29/04	PLANCHICK SET
3/11/05	PERMIT SET



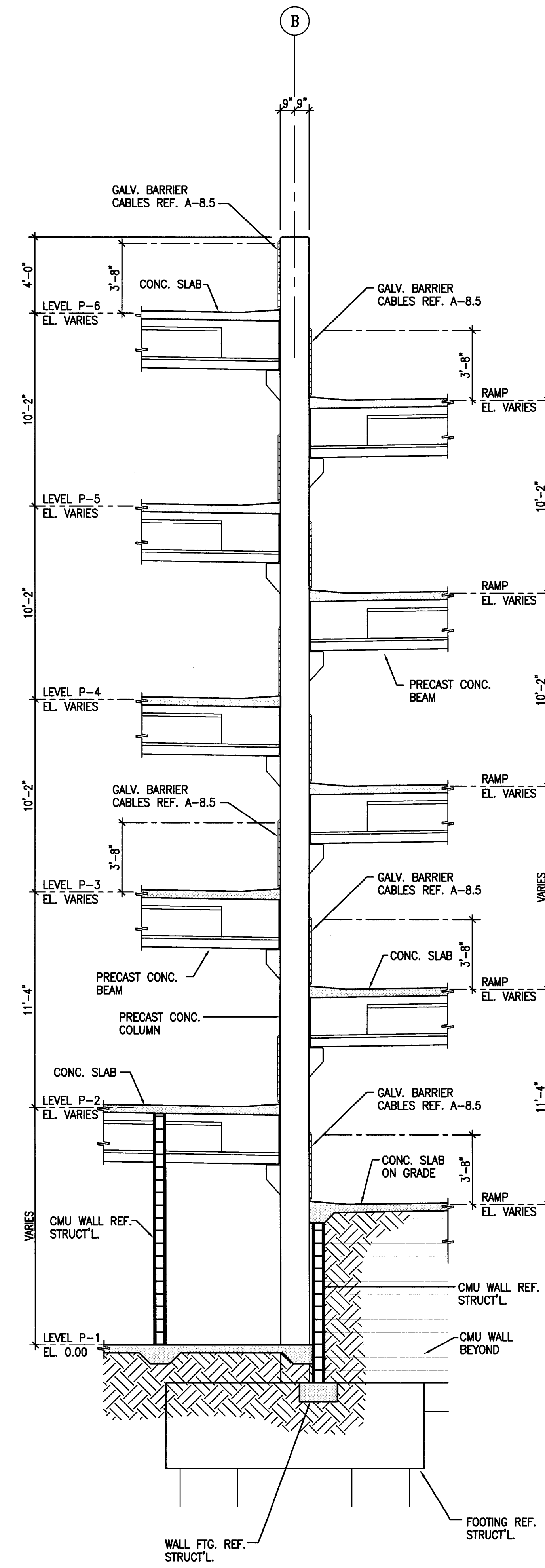
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**WALL SECTIONS**

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ACL	SBH
DRAWING NO.	SHEET
2319A-6-5	
PROGRAM NO.	R-NO.

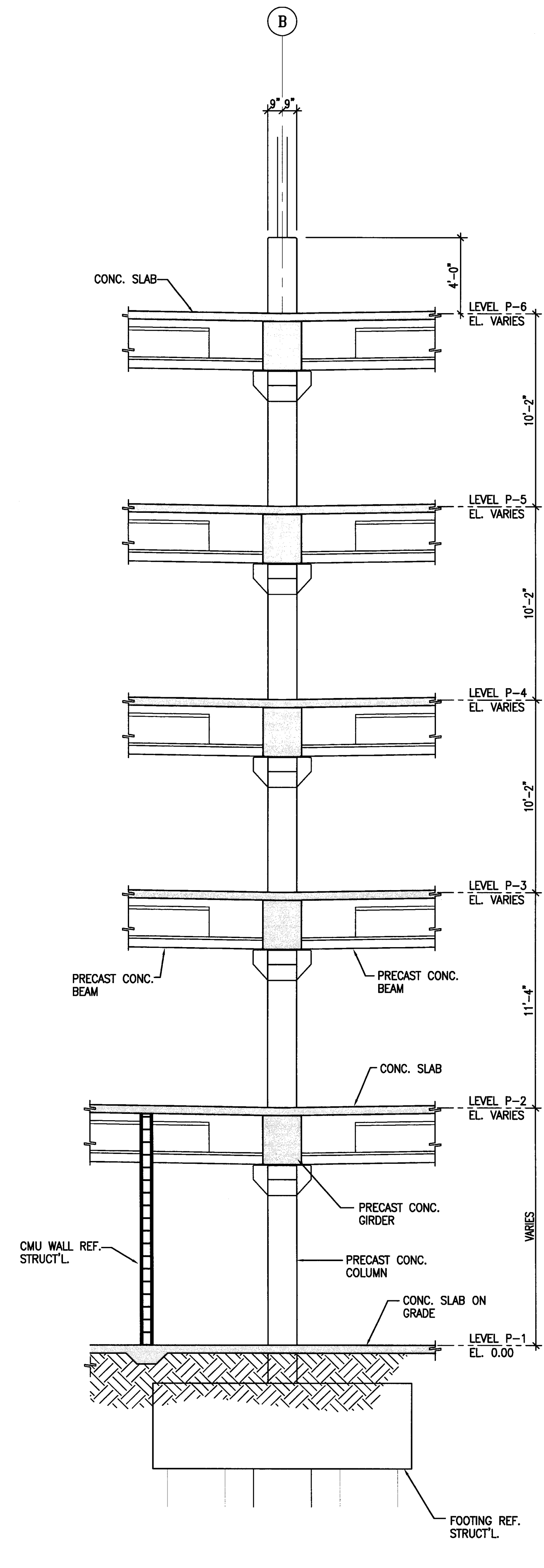
**DRAWING NO:**  
**A-6.5**  
**PROJECT NO:**  
HNA 2319



18 WALL SECTION AT LINE B  
A-6.5 SCALE: 1/4" = 1'-0"



17 WALL SECTION AT LINE B  
A-6.5 SCALE: 1/4" = 1'-0"



16 WALL SECTION AT LINE B  
A-6.5 SCALE: 1/4" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
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STOCKTON, CALIFORNIA

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 Stockton, California 95215  
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**HNA / Pacific**  
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 113 West 8th Avenue, Suite A  
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 530. 894. 5345

CE Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
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 209. 943. 2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

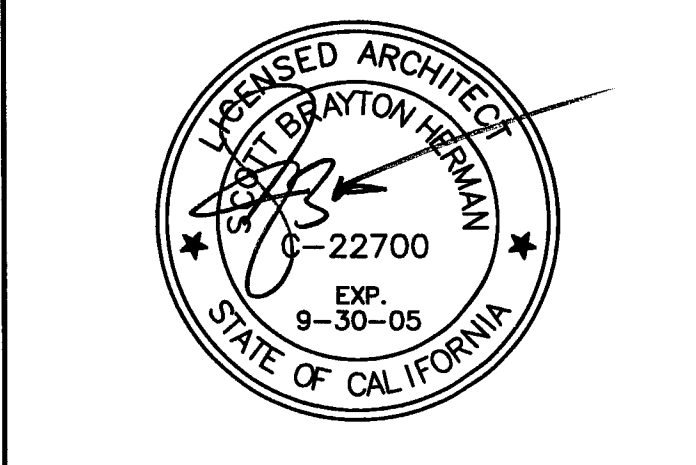
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Tumble Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:

11/29/04	PLANCHCK SET
3/11/05	PERMIT SET

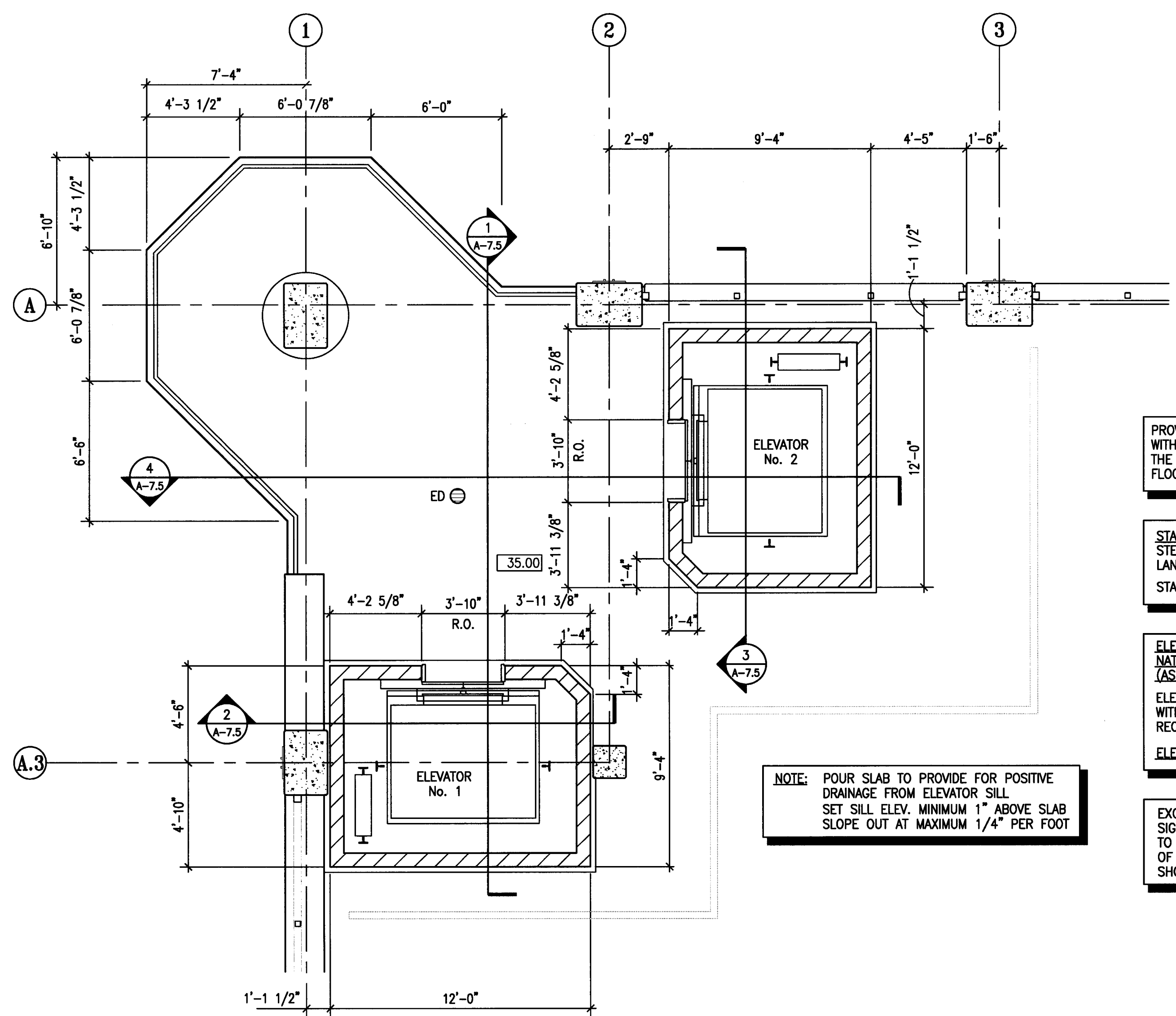


**SHEET TITLE**  
**ELEV. No. 1 & 2**  
**& STAIR No. 3**  
**ENLARGED PLANS**

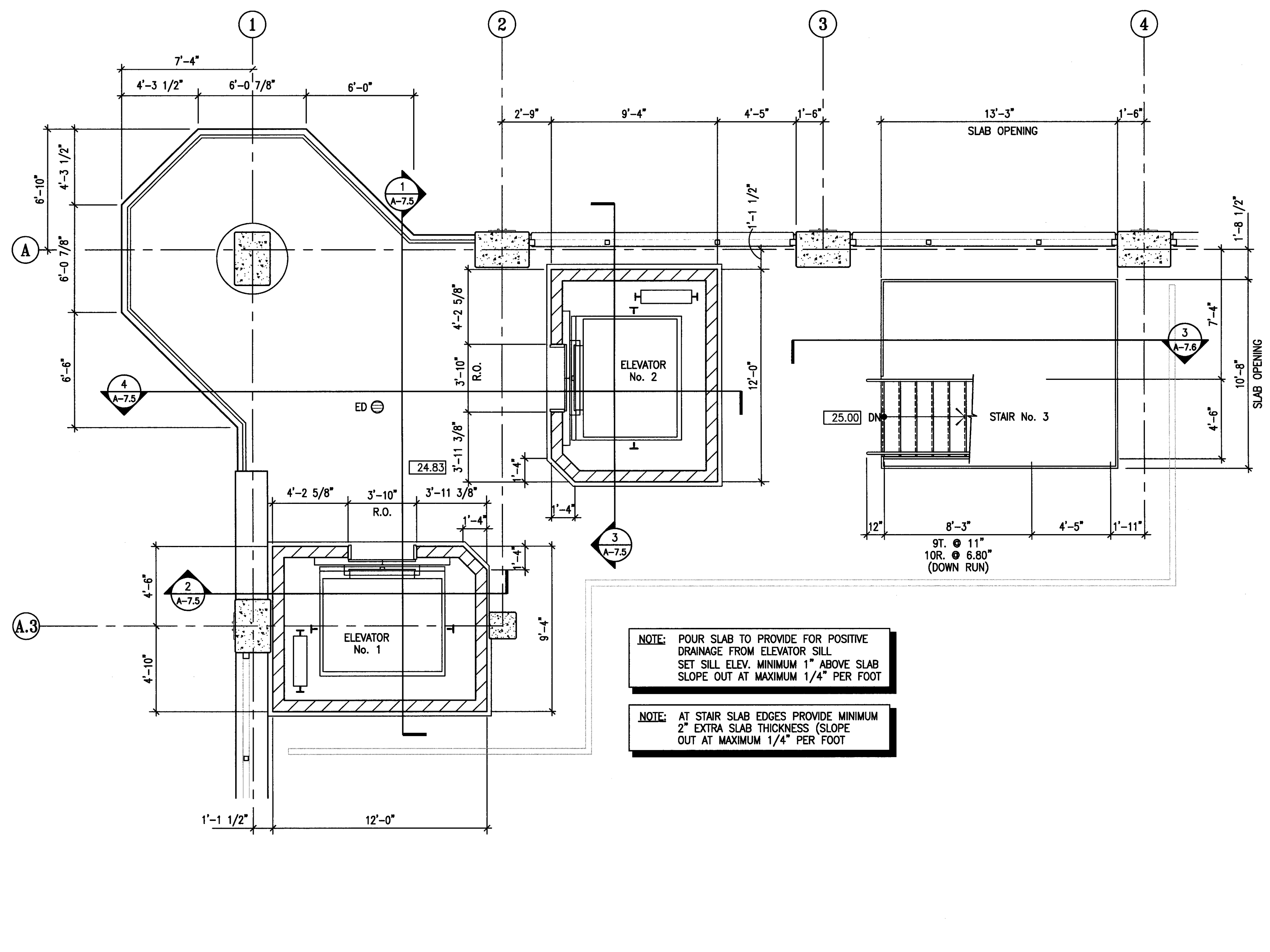
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DRAWN BY	CHECKED BY
ACL	SBH
DRAWING NO.	SHEET
A-7.1	
PROGRAM NO.	R.NO.

DRAWING NO: **A-7.1**

PROJECT NO: **HNA 2319**



**4** ELEVATOR #1 & #2 ENLARGED PLANS - LEVEL P-4  
 SCALE: 1/4" = 1'-0"



**3** ELEVATOR #1 & #2 AND STAIR #3 ENLARGED PLANS - LEVEL P-3  
 SCALE: 1/4" = 1'-0"

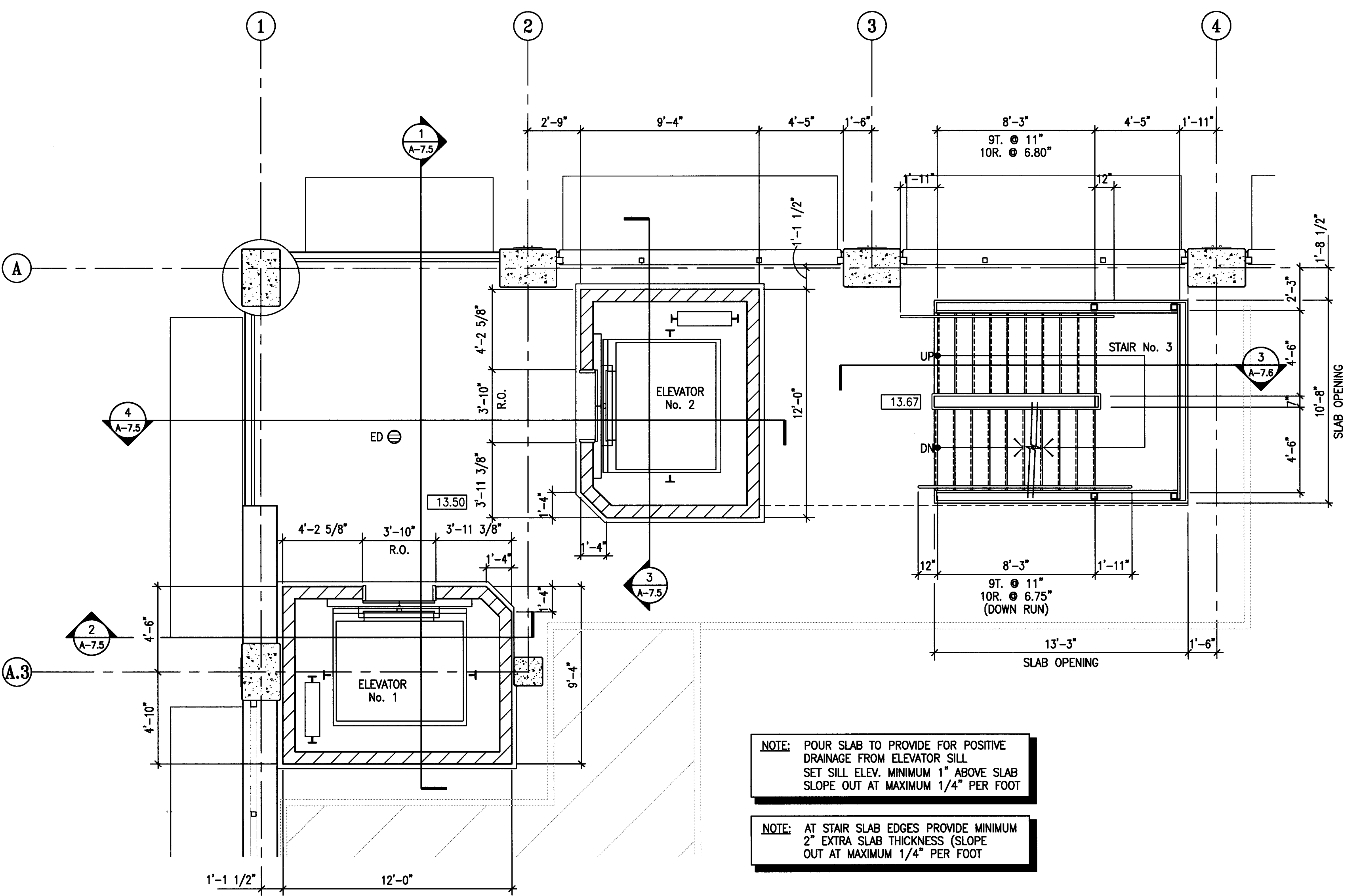
PROVIDE STAIRWAY IDENTIFICATION AS PER C.B.C. 1103.2.4.2, WITH RAISED ARABIC NUMERALS AND RAISED BRAILLE SYMBOLS. THE SIGNS SHALL BE LOCATED 5 FEET ABOVE THE FINISHED FLOOR AND IMMEDIATELY NEXT TO THE STAIR AT EACH LEVEL.

STAIRS ARE DESIGN-BUILD ITEM FOR PROJECT AND SHALL BE STEEL FRAMED WITH CONCRETE FILLED METAL PAN TREADS AND LANDINGS. SEE A-8.1/A-8.2 FOR TYP. HANDRAILS/GUARDRAILS. STAIRS, HANDRAILS, GUARDRAILS ARE TO BE PAINTED, TYPICAL.

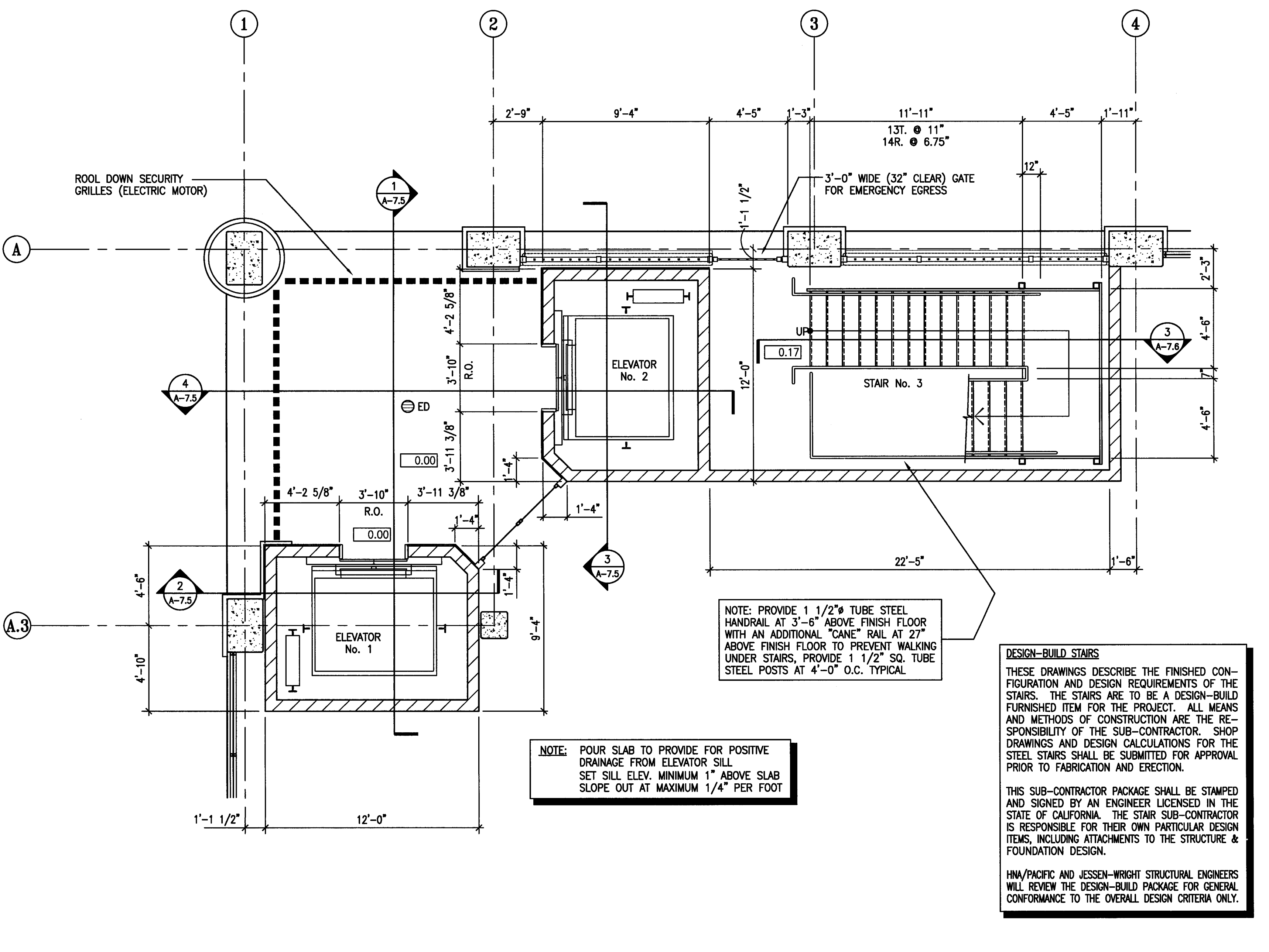
ELEVATORS TO COMPLY WITH C.B.C. CHAPTER 30, and AMERICAN NATIONAL STANDARD SAFETY CODE FOR ELEVATORS, ESCALATORS (ASME A17.1).  
 ELEVATOR LOBBY AREA AND MACHINE ROOM SHALL BE PROVIDED WITH AN APPROVED, LISTED SMOKE DETECTOR FOR ELEVATOR RECALL ONLY. PER C.B.C. SECTION 3003.2  
 ELEVATOR MACHINE ROOMS SHALL COMPLY WITH SECTION 3005.

EXCEPT AT THE MAIN ENTRANCE LEVEL, AN APPROVED PICTORIAL SIGN OF A STANDARDIZED DESIGN SHALL BE POSTED ADJACENT TO EACH ELEVATOR CALL STATION TO INDICATE THAT, "IN CASE OF FIRE, ELEVATOR WILL NOT OPERATE AND THAT EXIT STAIRWAYS SHOULD BE USED"

NOTE: POUR SLAB TO PROVIDE FOR POSITIVE DRAINAGE FROM ELEVATOR SILL. SET SILL ELEV. MINIMUM 1" ABOVE SLAB. SLOPE OUT AT MAXIMUM 1/4" PER FOOT



**2** ELEVATOR #1 & #2 AND STAIR #3 ENLARGED PLANS - LEVEL P-2  
 SCALE: 1/4" = 1'-0"



**1** ELEVATOR #1 & #2 AND STAIR #3 ENLARGED PLANS - LEVEL P-1  
 SCALE: 1/4" = 1'-0"

NOTE: POUR SLAB TO PROVIDE FOR POSITIVE DRAINAGE FROM ELEVATOR SILL. SET SILL ELEV. MINIMUM 1" ABOVE SLAB. SLOPE OUT AT MAXIMUM 1/4" PER FOOT

NOTE: AT STAIR SLAB EDGES PROVIDE MINIMUM 2" EXTRA SLAB THICKNESS. SLOPE OUT AT MAXIMUM 1/4" PER FOOT

NOTE: PROVIDE 1 1/2" TUBE STEEL HANDRAIL AT 3'-6" ABOVE FINISH FLOOR WITH AN ADDITIONAL "CANE" RAIL AT 27" ABOVE FINISH FLOOR TO PREVENT WALKING UNDER STAIRS, PROVIDE 1 1/2" SQ. TUBE STEEL POSTS AT 4'-0" O.C. TYPICAL

**DESIGN-BUILD STAIRS**  
 THESE DRAWINGS DESCRIBE THE FINISHED CONFIGURATION AND DESIGN REQUIREMENTS OF THE STAIRS. THE STAIRS ARE TO BE A DESIGN-BUILD FURNISHED ITEM FOR THE PROJECT. ALL MEANS AND METHODS OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE SUB-CONTRACTOR. SHOP DRAWINGS AND DESIGN CALCULATIONS FOR THE STEEL STAIRS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION AND ERECTION.

THIS SUB-CONTRACTOR PACKAGE SHALL BE STAMPED AND SIGNED BY AN ENGINEER LICENSED IN THE STATE OF CALIFORNIA. THE STAIR SUB-CONTRACTOR IS RESPONSIBLE FOR THEIR OWN PARTICULAR DESIGN ITEMS, INCLUDING ATTACHMENTS TO THE STRUCTURE & FOUNDATION DESIGN.

HNA/PACIFIC AND JESSEN-WRIGHT STRUCTURAL ENGINEERS WILL REVIEW THE DESIGN-BUILD PACKAGE FOR GENERAL CONFORMANCE TO THE OVERALL DESIGN CRITERIA ONLY.



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CEI Engineer  
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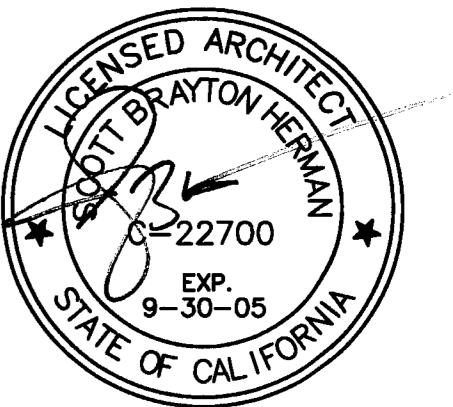
Plumbing Designer - Design/Builder  
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3650 Wilcox Road  
Stockton, California 95215  
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Electrical Designer - Design/Builder  
**Colinas Electrical**  
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Stockton, California 95203  
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**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHUCK SET
3/11/05	PERMIT SET

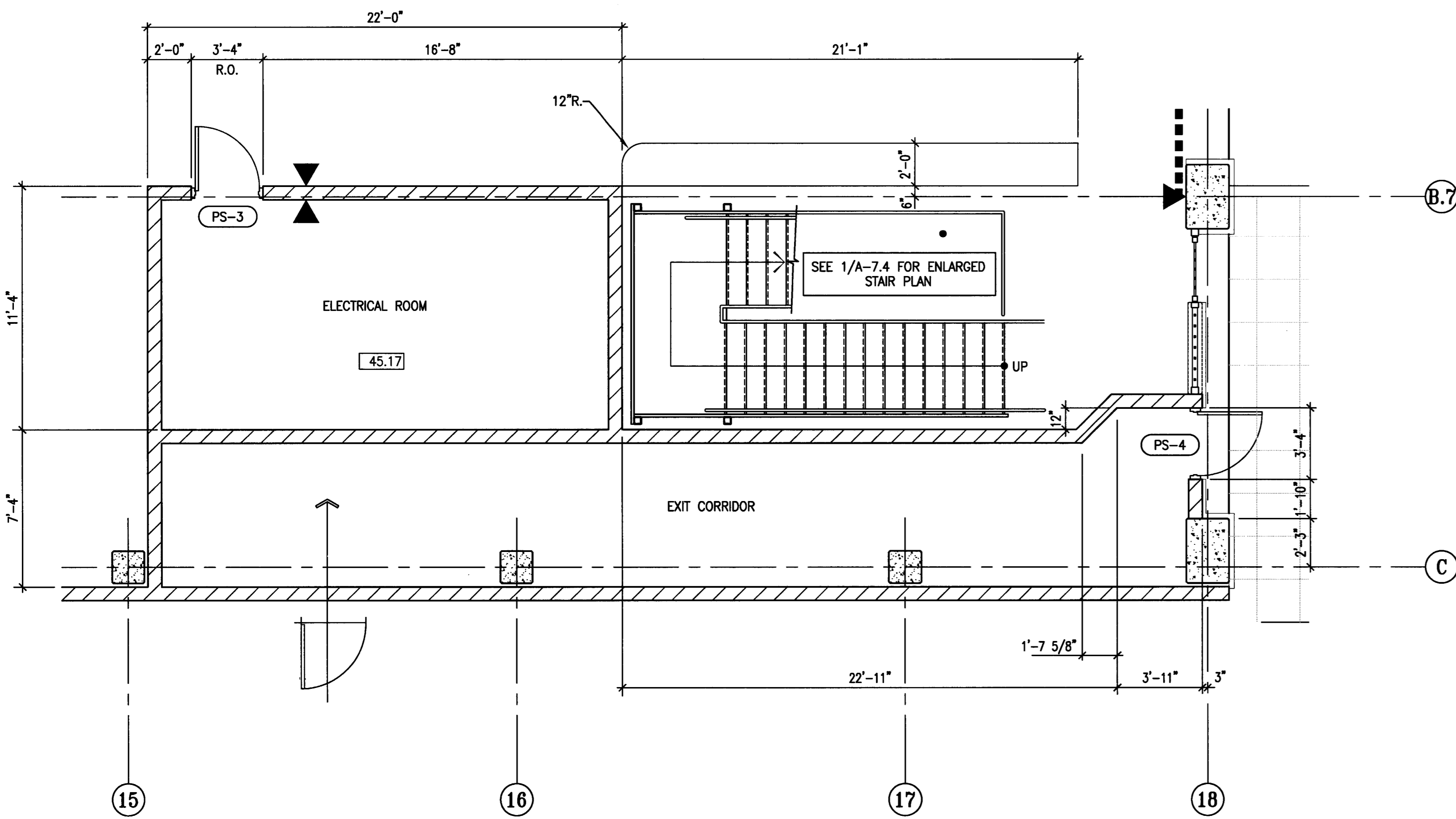


**SHEET TITLE**  
**ELEV. No. 1 & 2 ENLARGED PLANS**

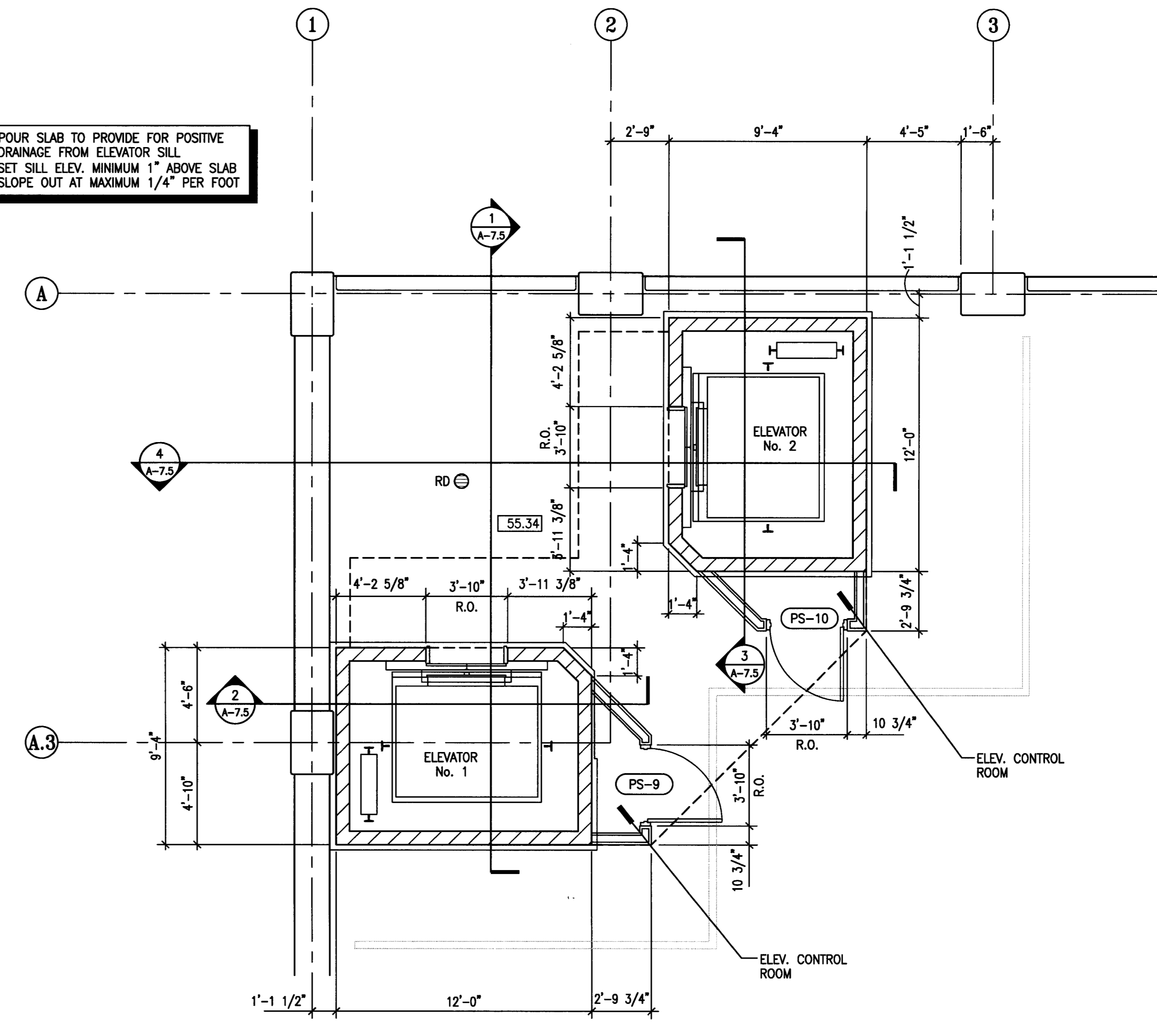
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29, NOV. 2004	1/4" = 1'-0"
DRAWN BY	CHECKED BY
ACL	SBH
DRAWING NO.	SHEET
A-72	
PROGRAM NO.	R-NO.

**DRAWING NO:**  
**A-72**

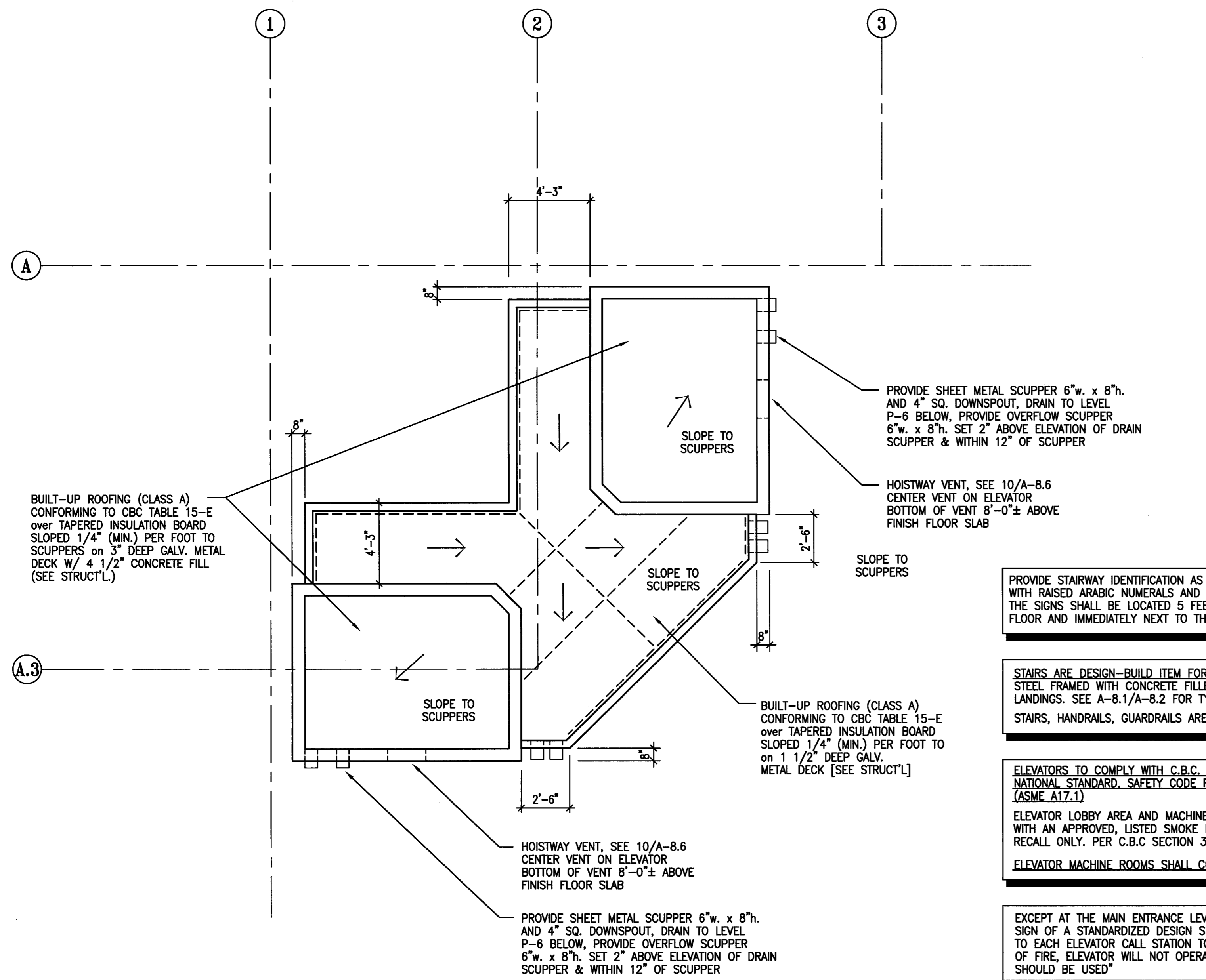
**PROJECT NO:**  
HNA 2319



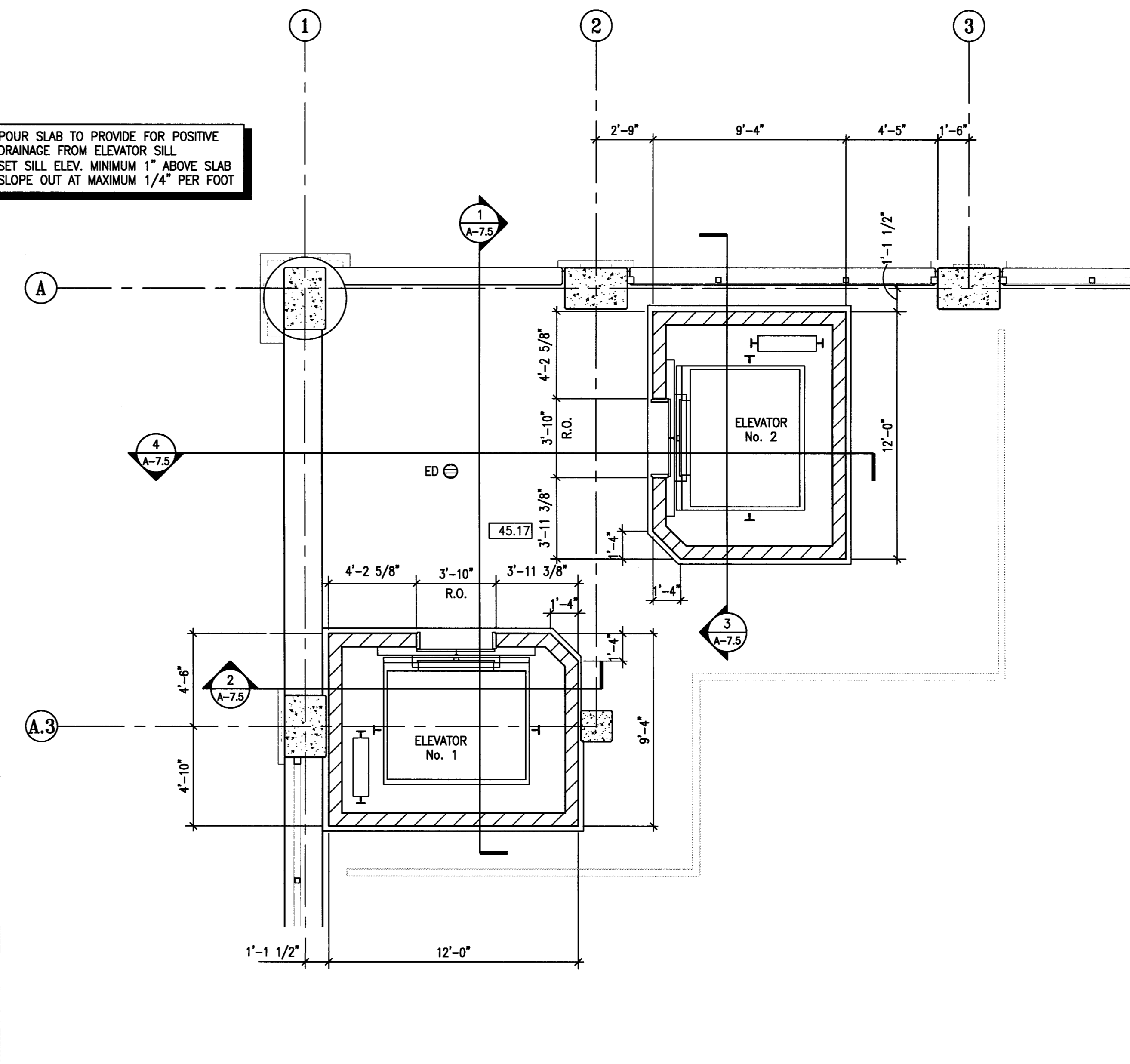
**4 ELECTRICAL ROOM ENLARGED PLAN - LEVEL P-1**  
SCALE: 1/4" = 1'-0"



**2 ELEVATOR #1 & #2 ENLARGED PLANS - LEVEL P-6**  
SCALE: 1/4" = 1'-0"



**3 ELEVATOR #1 & #2 ENLARGED PLANS - ROOF PLAN**  
SCALE: 1/4" = 1'-0"



**1 ELEVATOR #1 & #2 ENLARGED PLANS - LEVEL P-5**  
SCALE: 1/4" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
 City of Stockton

**DESIGN BUILDER:**  
 F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

**CONSULTANTS:**  
 Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palms Verdes, California 90275  
 310.544.8670  
 Design Architect  
**Warren Matthels Bove**  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110  
 Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601

**CONST. DOCUMENTS**

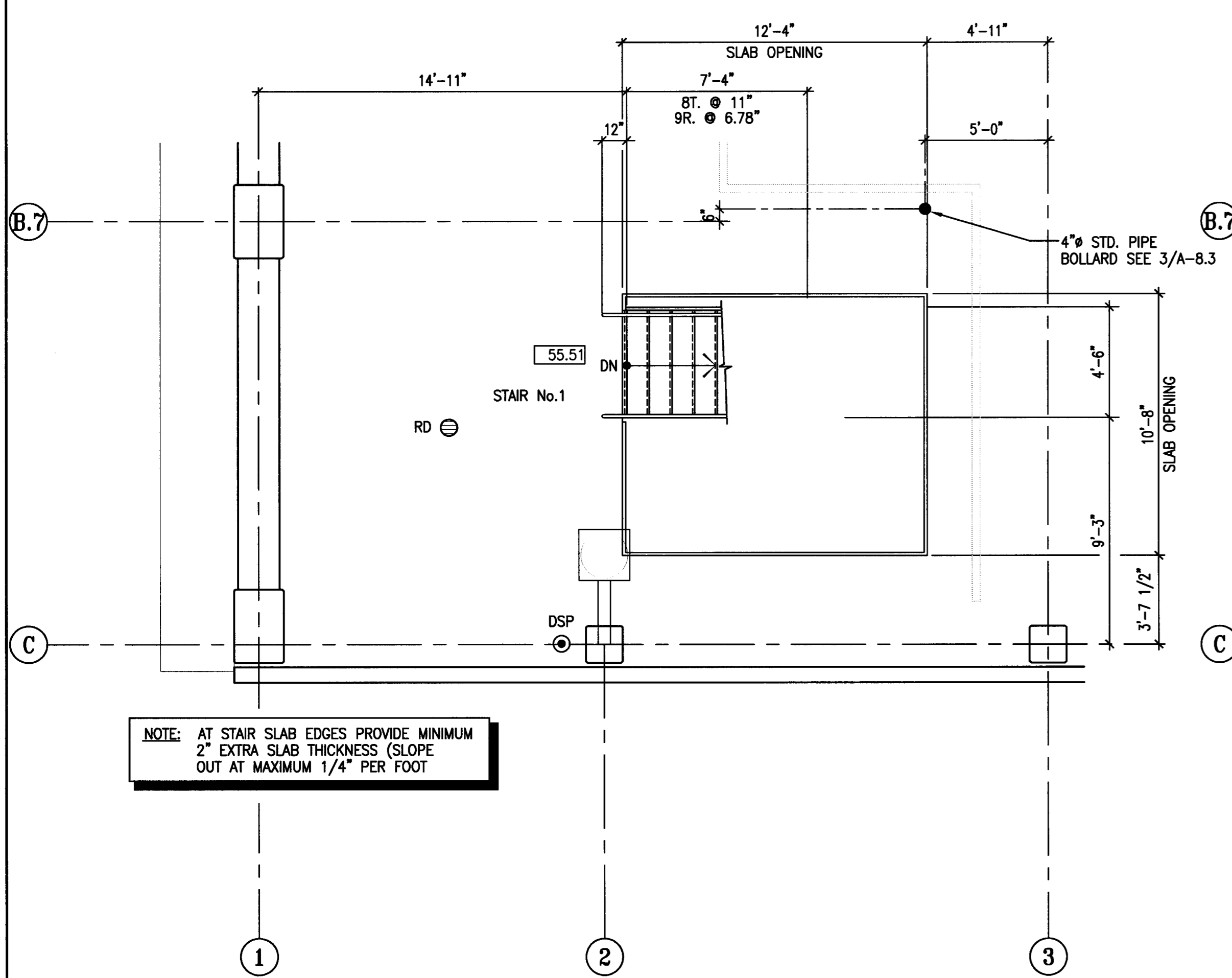
REVISIONS:	
11/29/04	PLANCHHECK SET
3/11/05	PERMIT SET



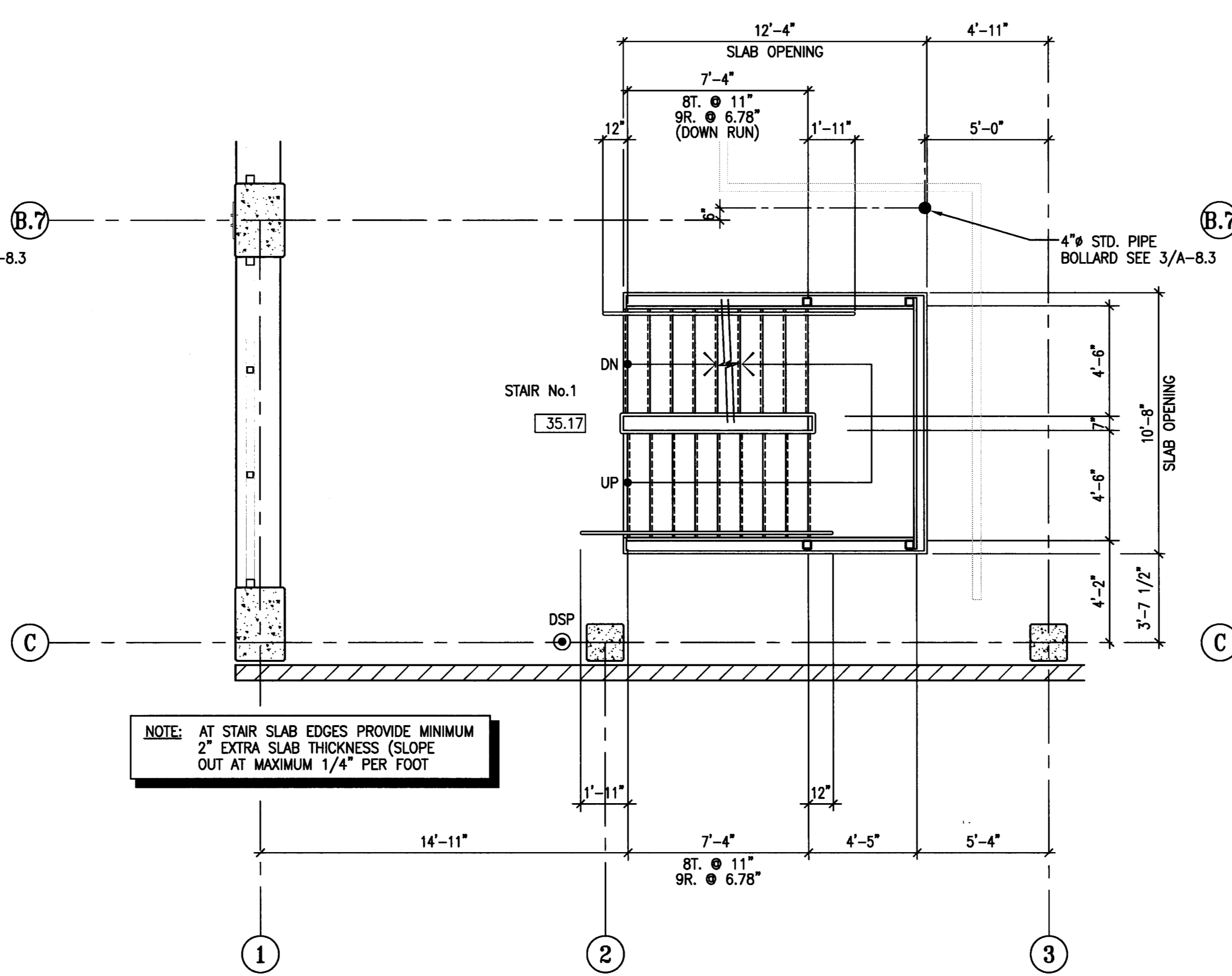
**SHEET TITLE**  
**STAIR No. 1 ENLARGED PLANS**

DATE	28, NOV. 2004	SCALE	1/4" = 1'-0"
DRAWN BY	ACL	CHECKED BY	SBH
DRAWING NO.	A-73	SHEET	
PROGRAM NO.		R-NO.	

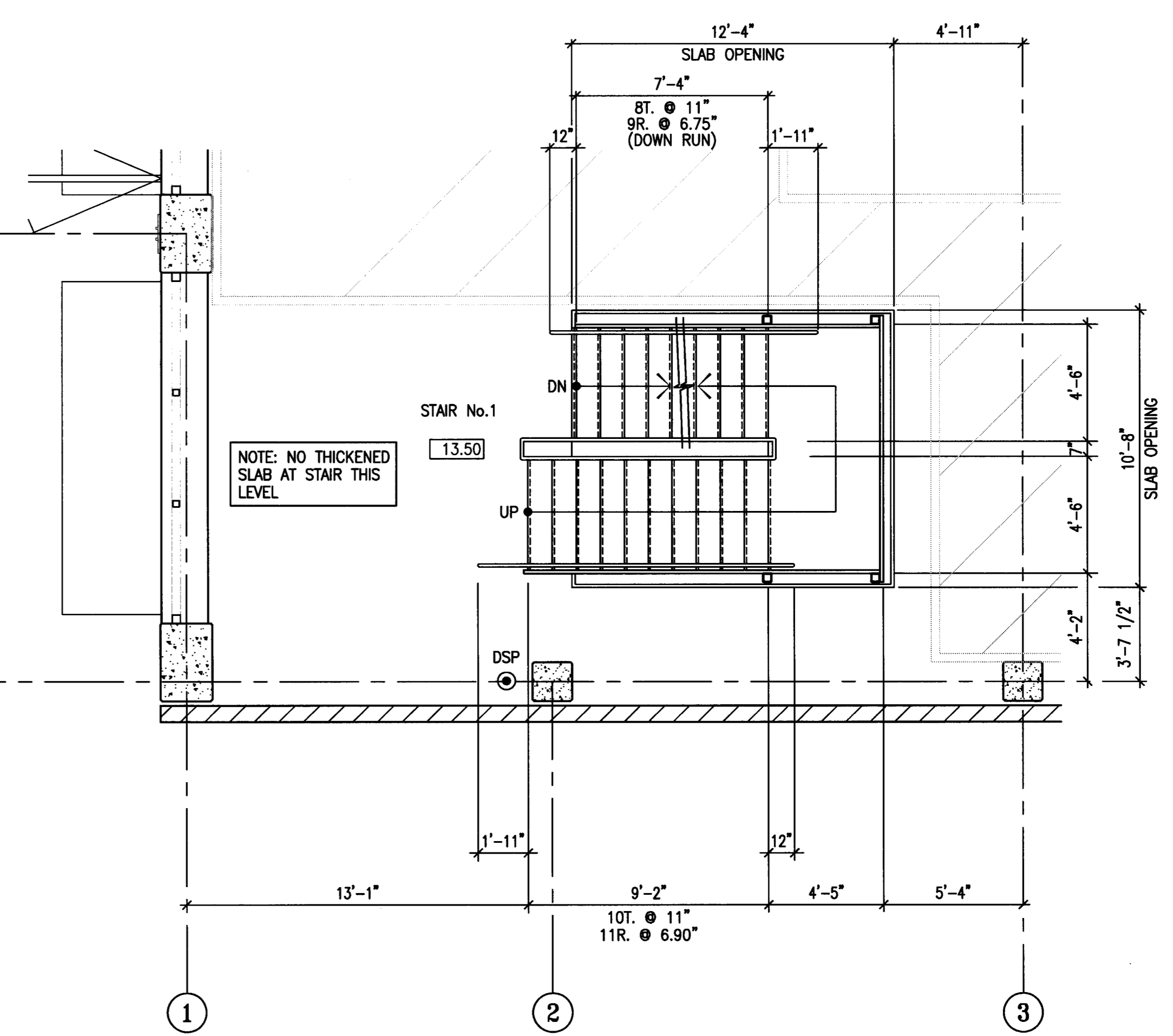
DRAWING NO: **A-73**  
 PROJECT NO: **HNA 2318**



**6** STAIR #1 ENLARGED PLANS - LEVEL P-6  
 SCALE: 1/4" = 1'-0"



**4** STAIR #1 ENLARGED PLANS - LEVEL P-4  
 SCALE: 1/4" = 1'-0"

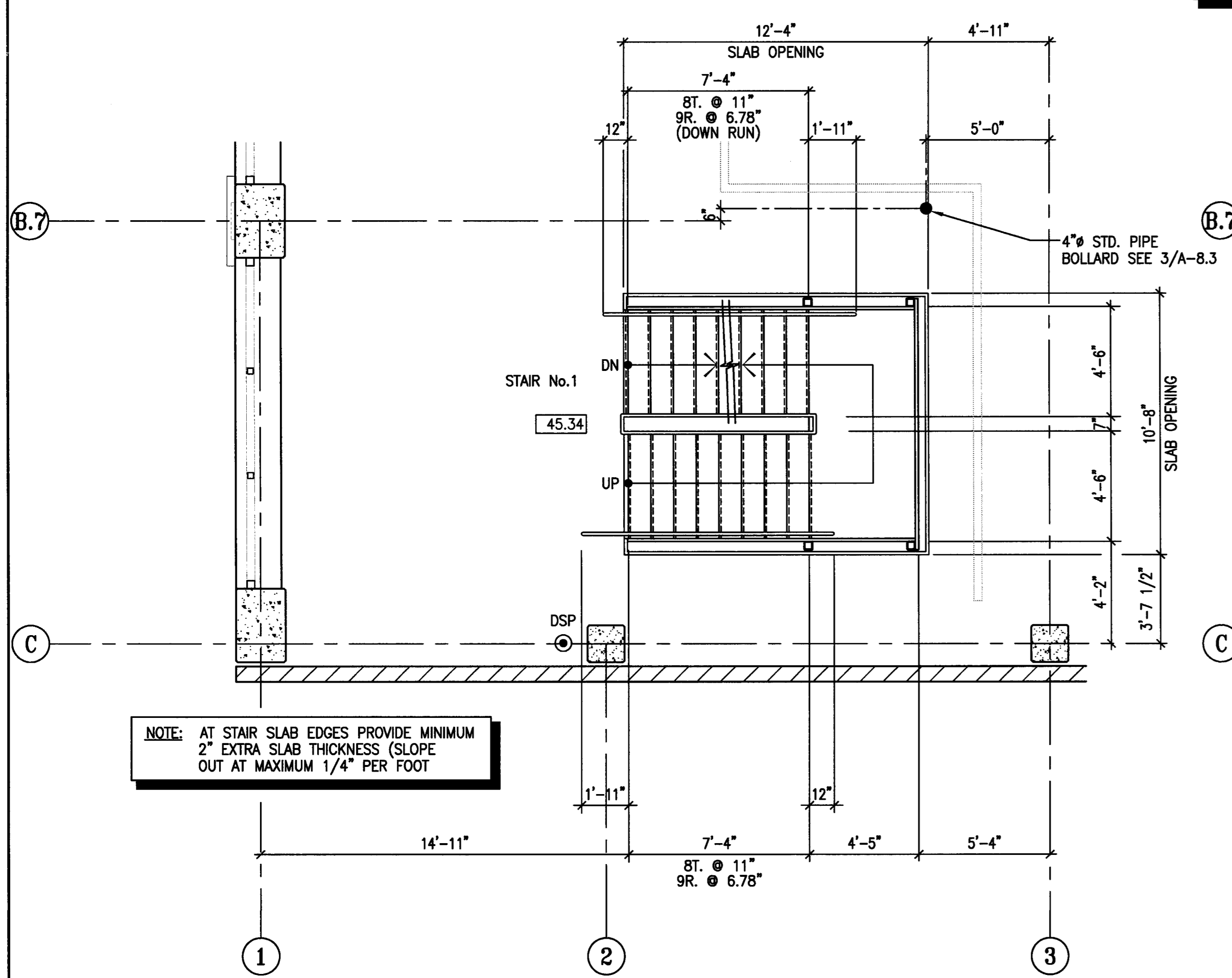


**2** STAIR #1 ENLARGED PLANS - LEVEL P-2  
 SCALE: 1/4" = 1'-0"

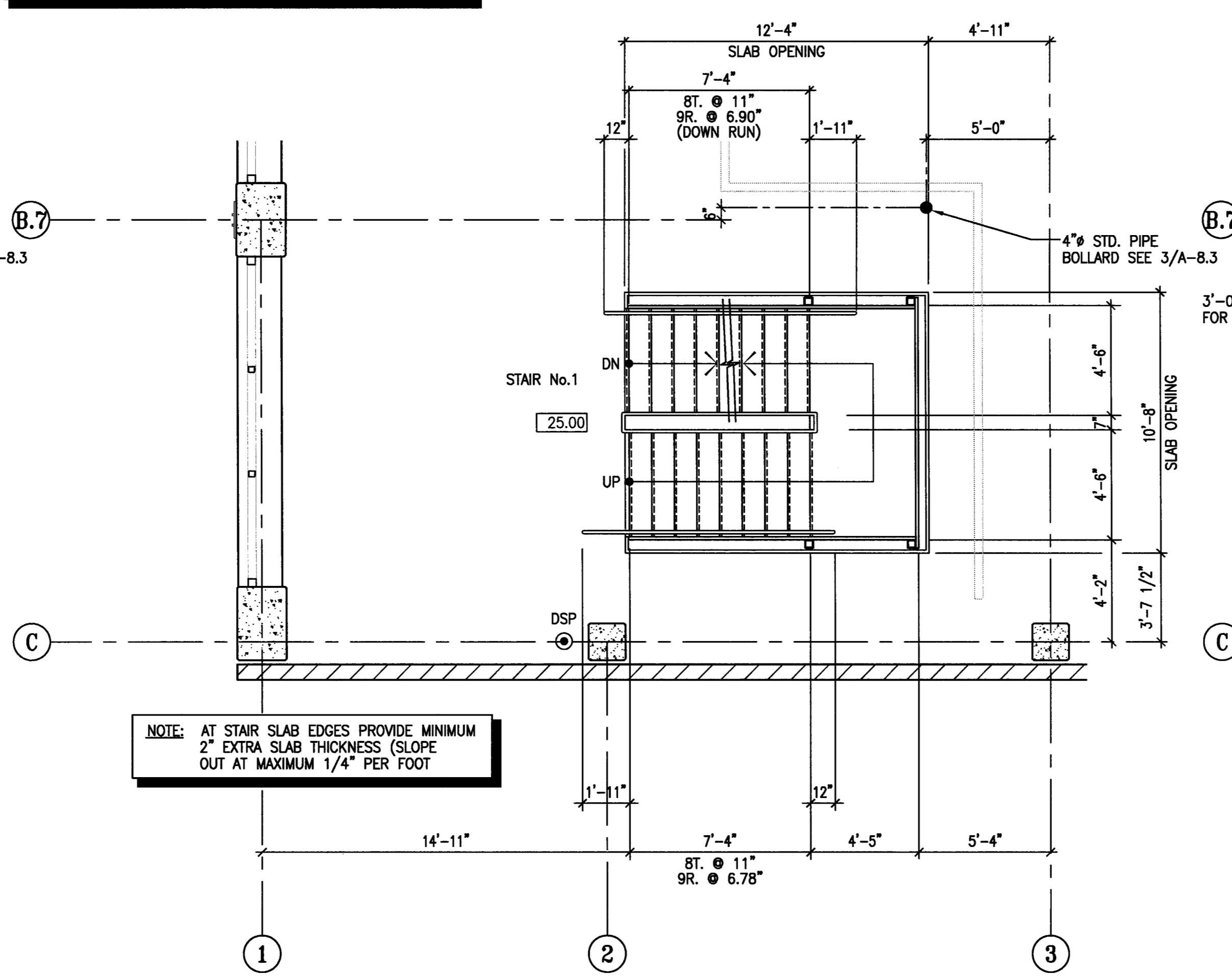
PROVIDE STARWAY IDENTIFICATION AS PER C.B.C. 1103.2.4.2 WITH RAISED ARABIC NUMERALS AND RAISED BRAILLE SYMBOLS. THE SIGNS SHALL BE LOCATED 5 FEET ABOVE THE FINISHED FLOOR AND IMMEDIATELY NEXT TO THE STAIR AT EACH LEVEL.

STAIRS ARE DESIGN-BUILD ITEM FOR PROJECT AND SHALL BE STEEL FRAMED WITH CONCRETE FILLED METAL PAN TRENDS AND LANDINGS. SEE A-8.1/A-8.2 FOR TYP. HANDRAILS/GUARDRAILS. STAIRS, HANDRAILS, GUARDRAILS ARE TO BE PAINTED, TYPICAL.

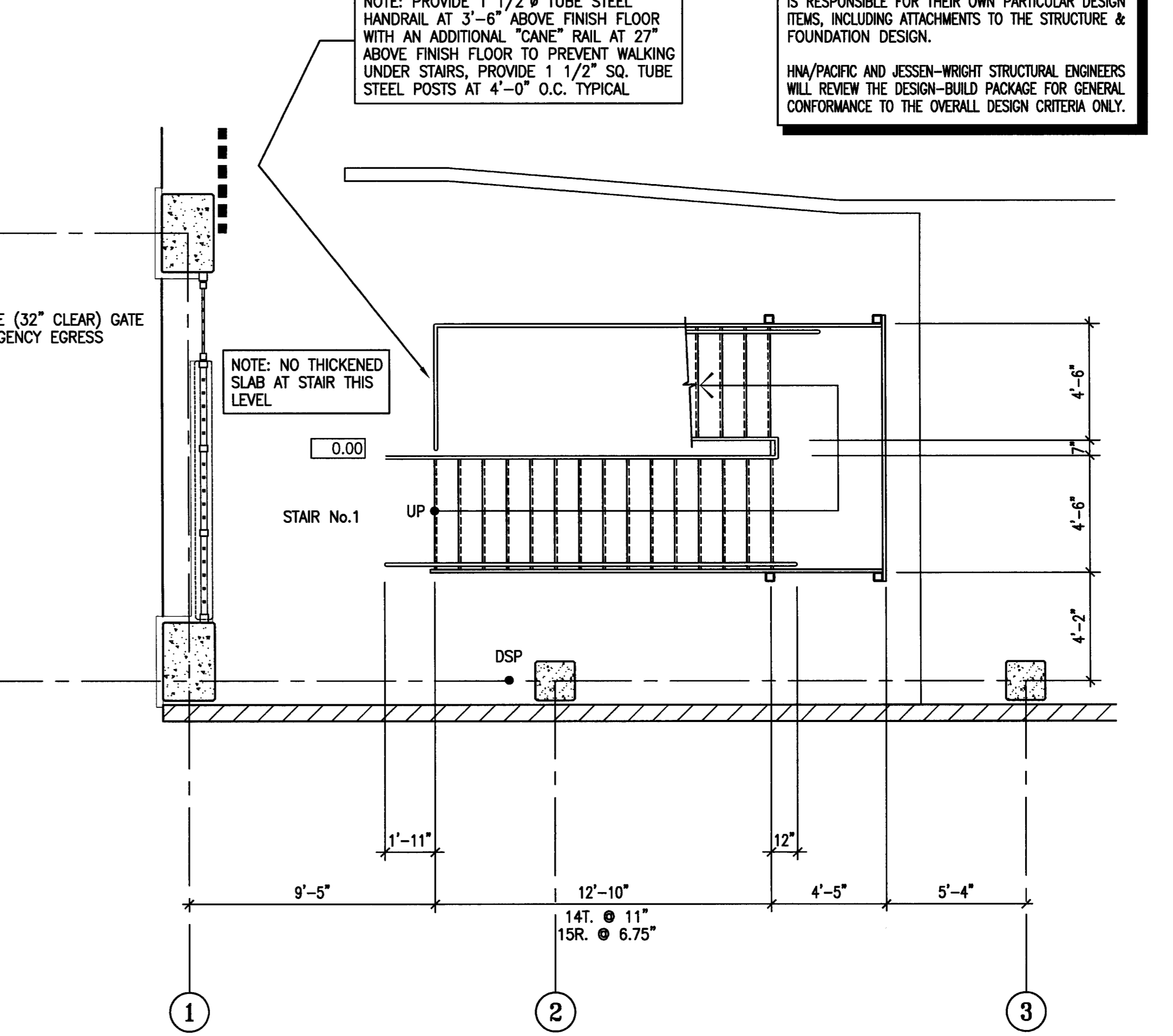
**DESIGN-BUILD STAIRS**  
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 THIS SUB-CONTRACTOR PACKAGE SHALL BE STAMPED AND SIGNED BY AN ENGINEER LICENSED IN THE STATE OF CALIFORNIA. THE STAIR SUB-CONTRACTOR IS RESPONSIBLE FOR THEIR OWN PARTICULAR DESIGN ITEMS, INCLUDING ATTACHMENTS TO THE STRUCTURE & FOUNDATION DESIGN.  
 HNA/PACIFIC AND JESSEN-WRIGHT STRUCTURAL ENGINEERS WILL REVIEW THE DESIGN-BUILD PACKAGE FOR GENERAL CONFORMANCE TO THE OVERALL DESIGN CRITERIA ONLY.



**5** STAIR #1 ENLARGED PLANS - LEVEL P-5  
 SCALE: 1/4" = 1'-0"



**3** STAIR #1 ENLARGED PLANS - LEVEL P-3  
 SCALE: 1/4" = 1'-0"



**1** STAIR #1 ENLARGED PLANS - LEVEL P-1  
 SCALE: 1/4" = 1'-0"

**CITY OF STOCKTON**  
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CE Engineer  
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 209.943.2021

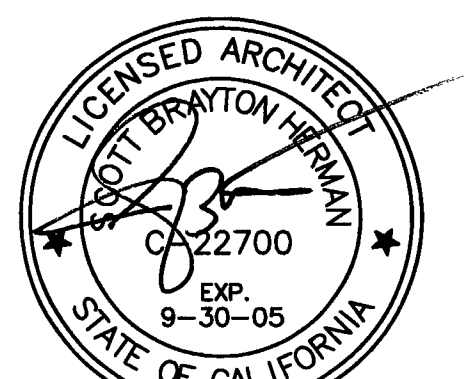
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9550

Electrical Designer - Design/Builder  
**Collins Electrical**  
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 Stockton, California 95203  
 209.466.8691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601

**CONST. DOCUMENTS**

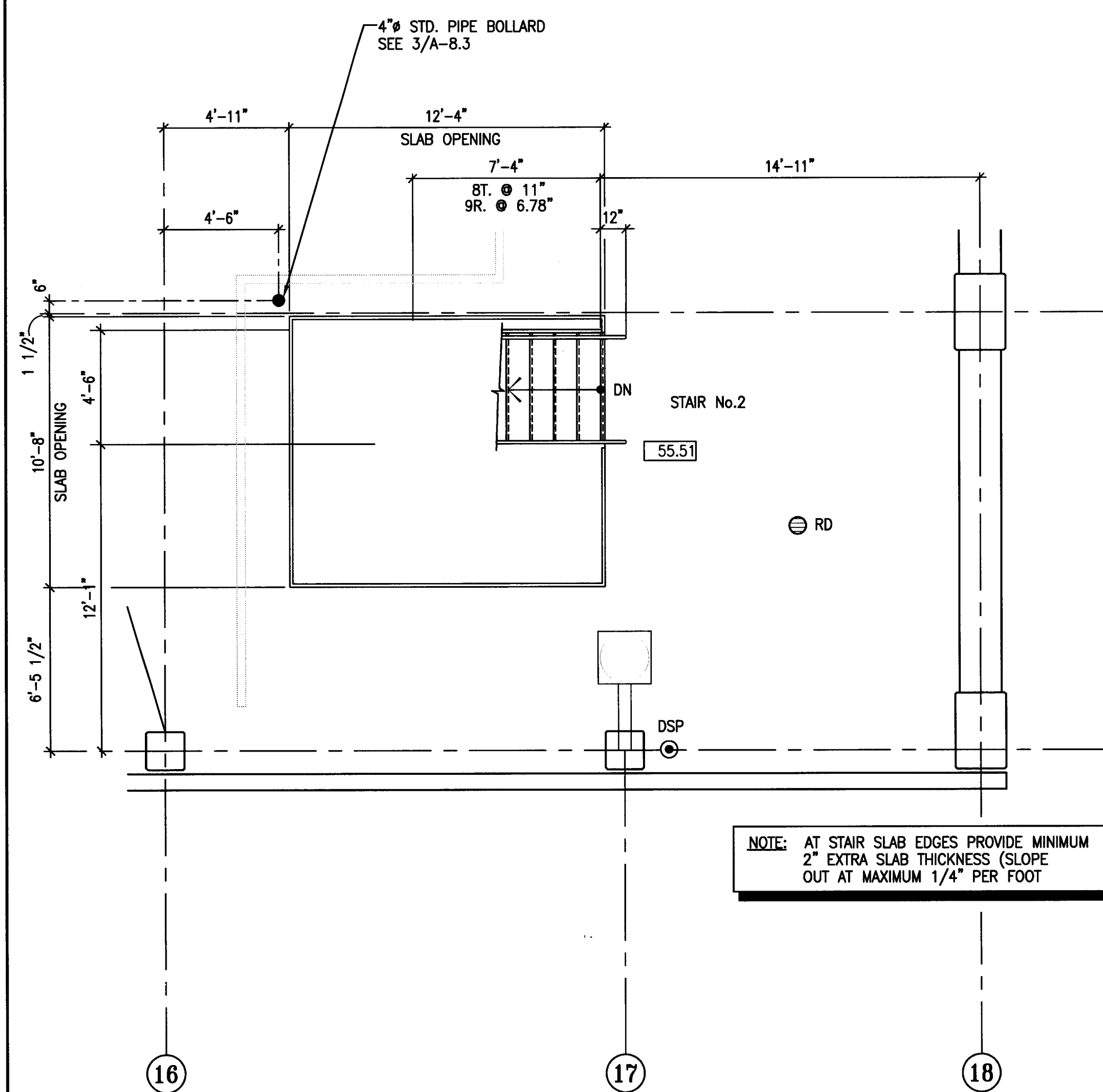
REVISIONS:	
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



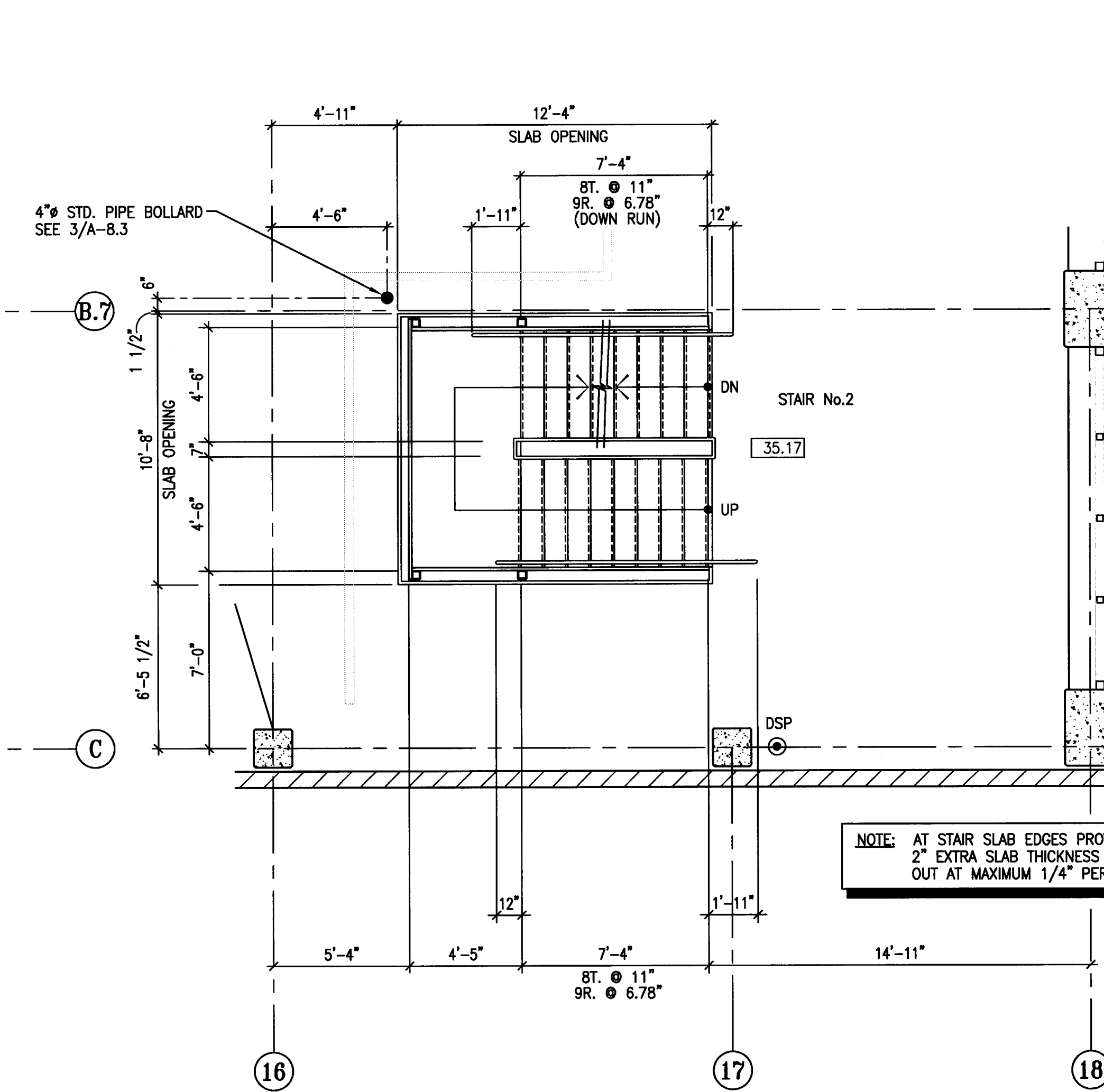
**STAIR No. 2 ENLARGED PLANS**

DATE	29, NOV. 2004	SCALE	1/4" = 1'-0"
DRAWN BY	ACL	CHECKED BY	SBH
DRAWING NO.	A-74	SHEET	
PROGRAM NO.	R-NO.		

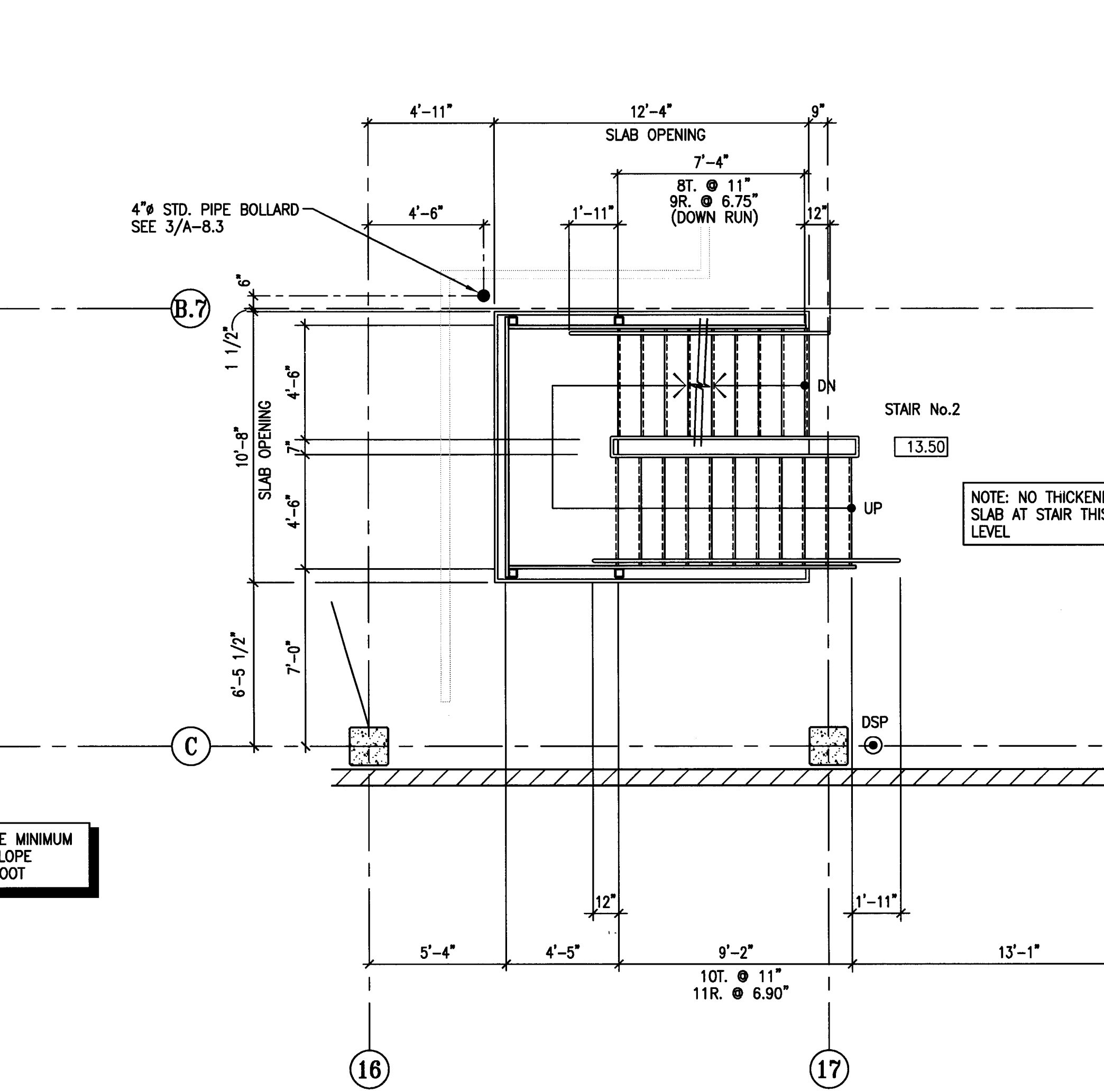
DRAWING NO:  
**A-74**  
 PROJECT NO:  
 HNA 2319



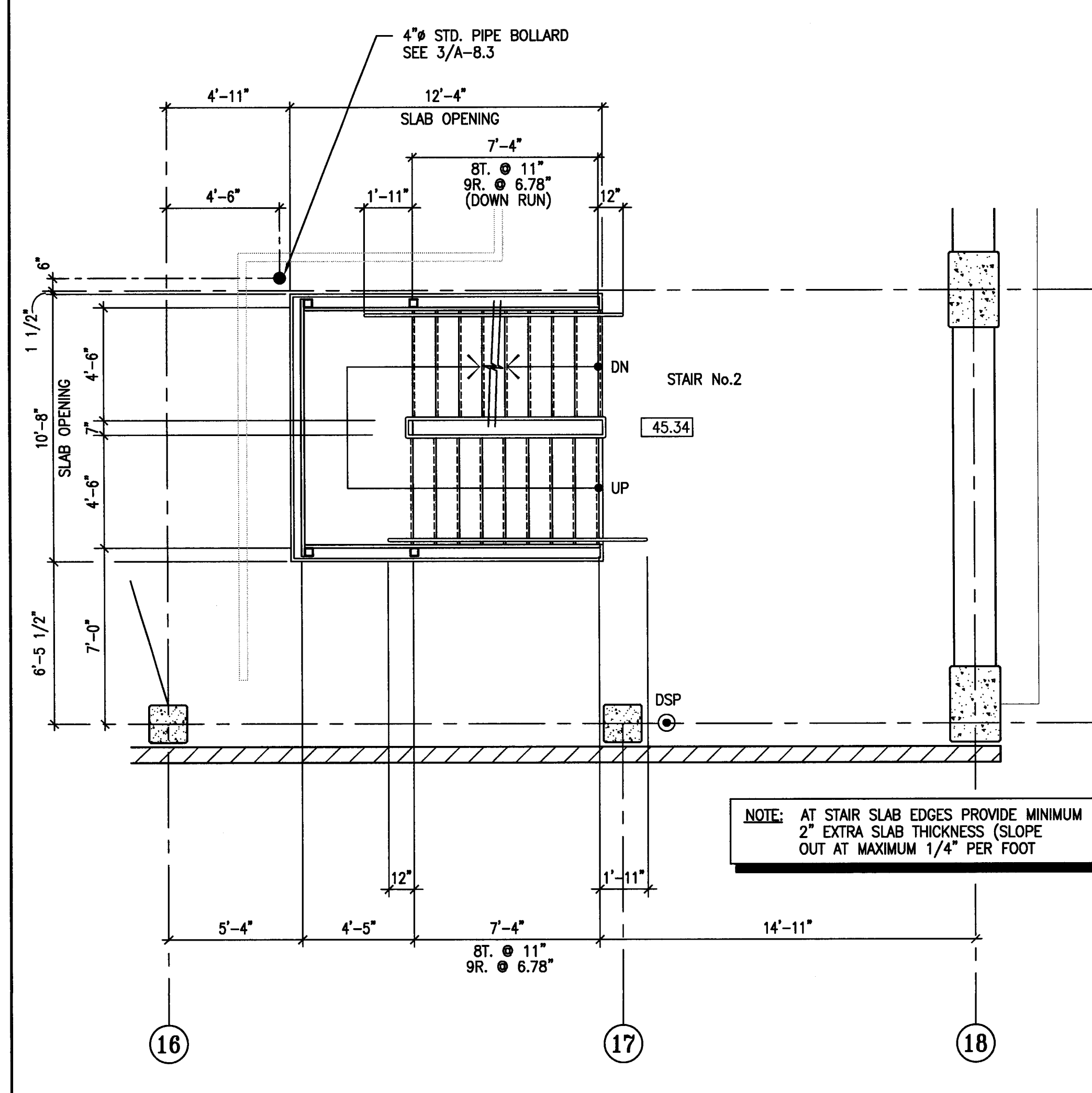
**6 STAIR #2 ENLARGED PLANS - LEVEL P-6**  
 SCALE: 1/4" = 1'-0"



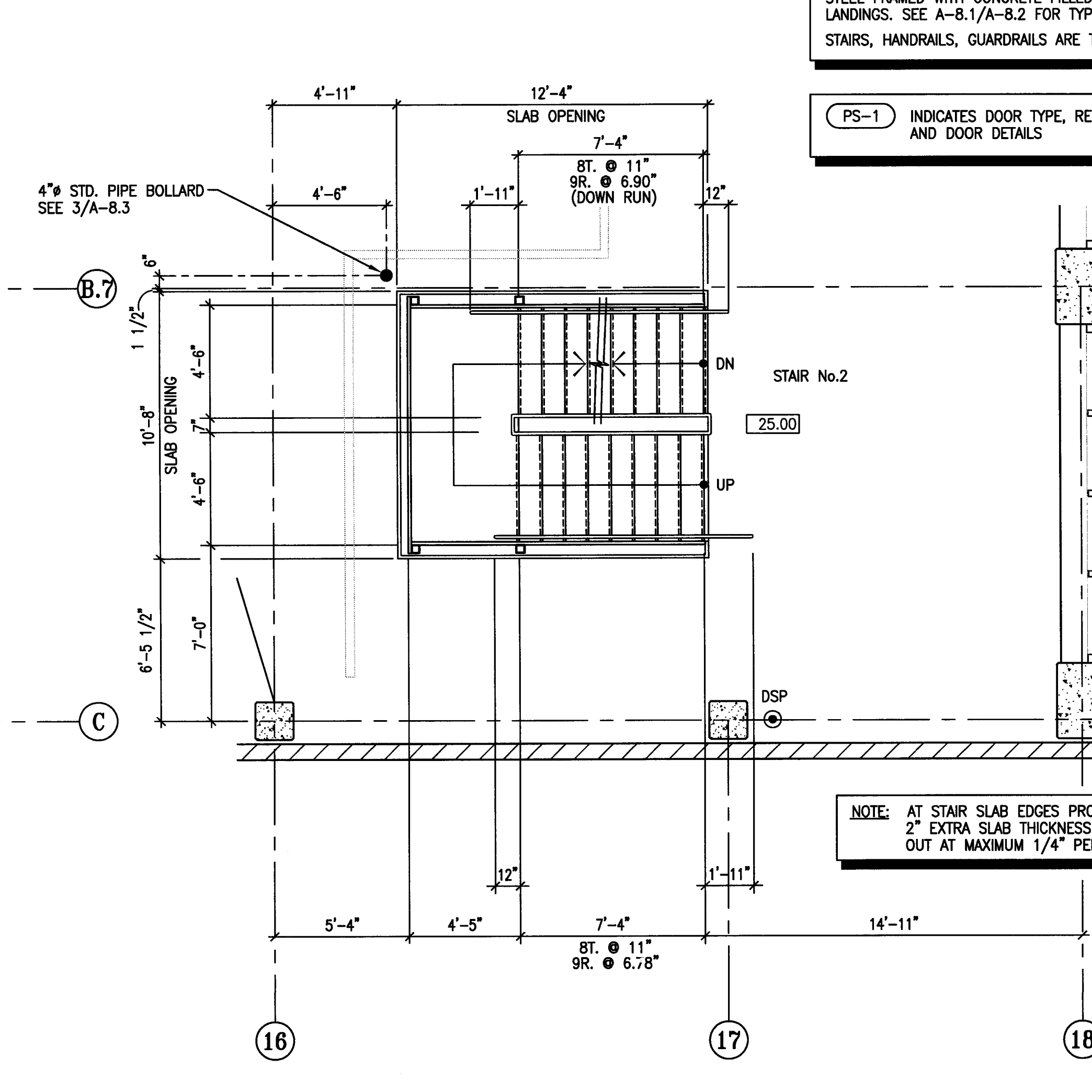
**4 STAIR #2 ENLARGED PLANS - LEVEL P-4**  
 SCALE: 1/4" = 1'-0"



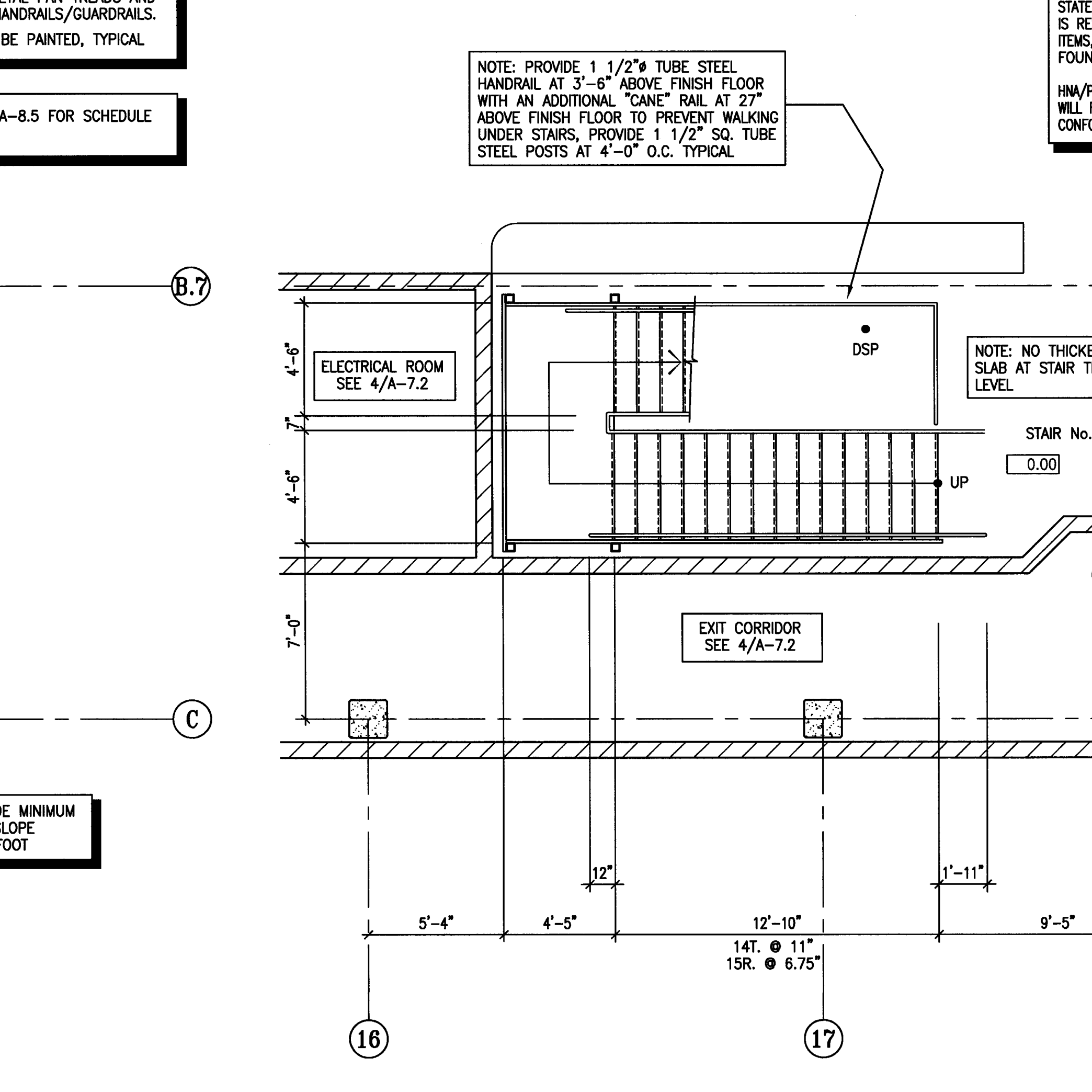
**2 STAIR #2 ENLARGED PLANS - LEVEL P-2**  
 SCALE: 1/4" = 1'-0"



**5 STAIR #2 ENLARGED PLANS - LEVEL P-5**  
 SCALE: 1/4" = 1'-0"



**3 STAIR #2 ENLARGED PLANS - LEVEL P-3**  
 SCALE: 1/4" = 1'-0"



**1 STAIR #2 ENLARGED PLANS - LEVEL P-1**  
 SCALE: 1/4" = 1'-0"

PROVIDE STAIRWAY IDENTIFICATION AS PER C.B.C. 1103.2.4.2. WITH RAISED ARABIC NUMERALS AND RAISED BRAILLE SYMBOLS. THE SIGNS SHALL BE LOCATED 5 FEET ABOVE THE FINISHED FLOOR AND IMMEDIATELY NEXT TO THE STAIR AT EACH LEVEL.

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PS-1 INDICATES DOOR TYPE, REF. A-8.5 FOR SCHEDULE AND DOOR DETAILS.

**DESIGN-BUILD STAIRS**  
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NOTE: PROVIDE 1 1/2" TUBE STEEL HANDRAIL AT 3'-6" ABOVE FINISH FLOOR WITH AN ADDITIONAL "CANE" RAIL AT 27" ABOVE FINISH FLOOR TO PREVENT WALKING UNDER STAIRS. PROVIDE 1 1/2" SQ. TUBE STEEL POSTS AT 4'-0" O.C. TYPICAL.

NOTE: NO THICKENED SLAB AT STAIR THIS LEVEL

3'-0" WIDE (32" CLEAR) GATE FOR EMERGENCY EGRESS

**CITY OF STOCKTON**  
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 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:  
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**HNA / Pacific**  
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 Rancho Palms Verdes, California 90275  
 910. 544. 6870

Design Architect  
**Warrell Matthaele Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 6345

CM Engineer  
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 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

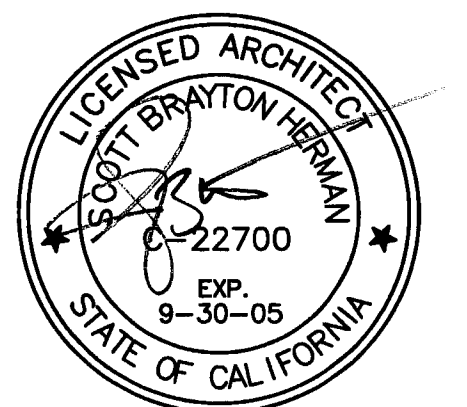
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 468. 3891

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 468. 4601

**CONST. DOCUMENTS**

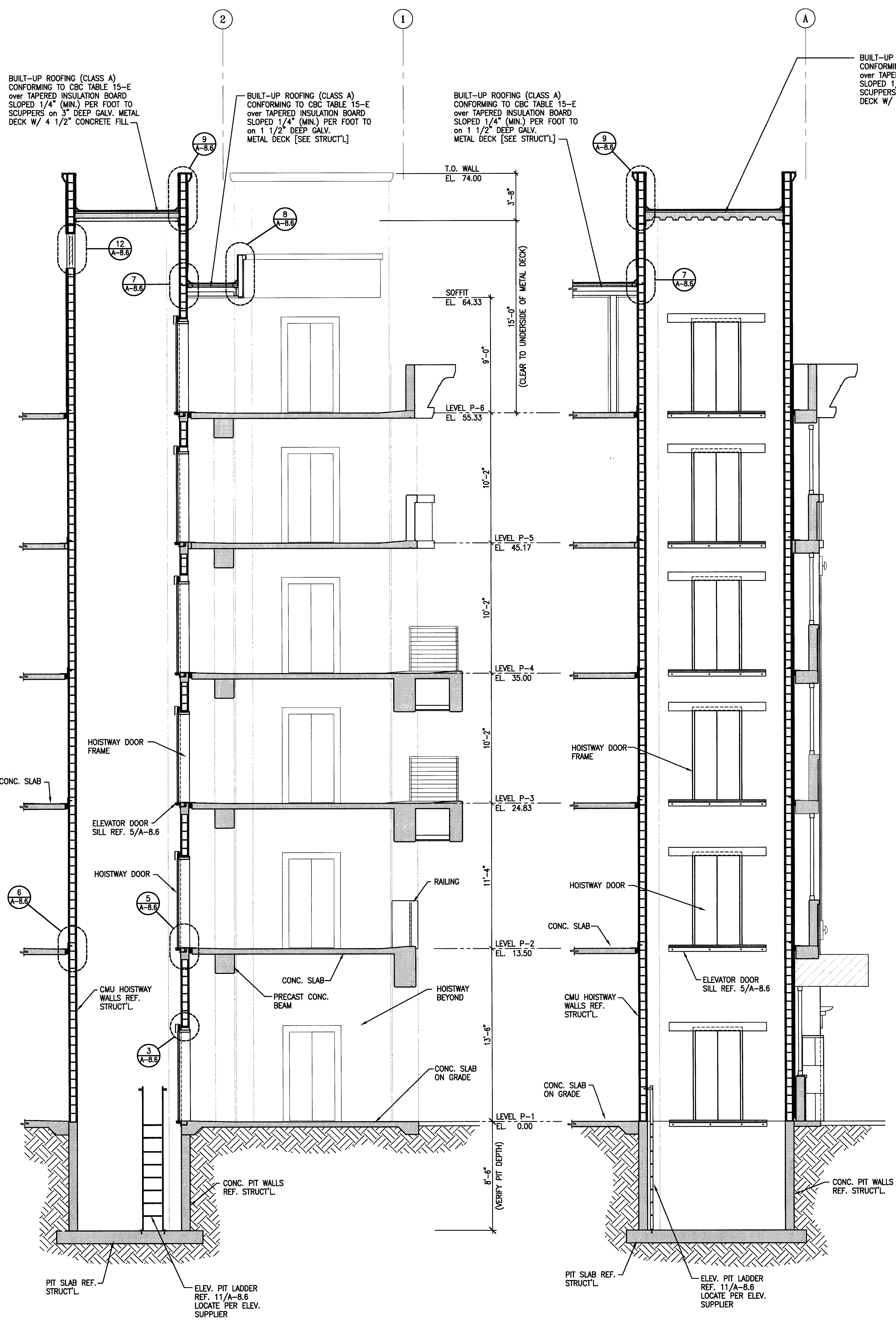
REVISIONS:

11/29/04	PLANCHCK SET
3/11/05	PERMIT SET

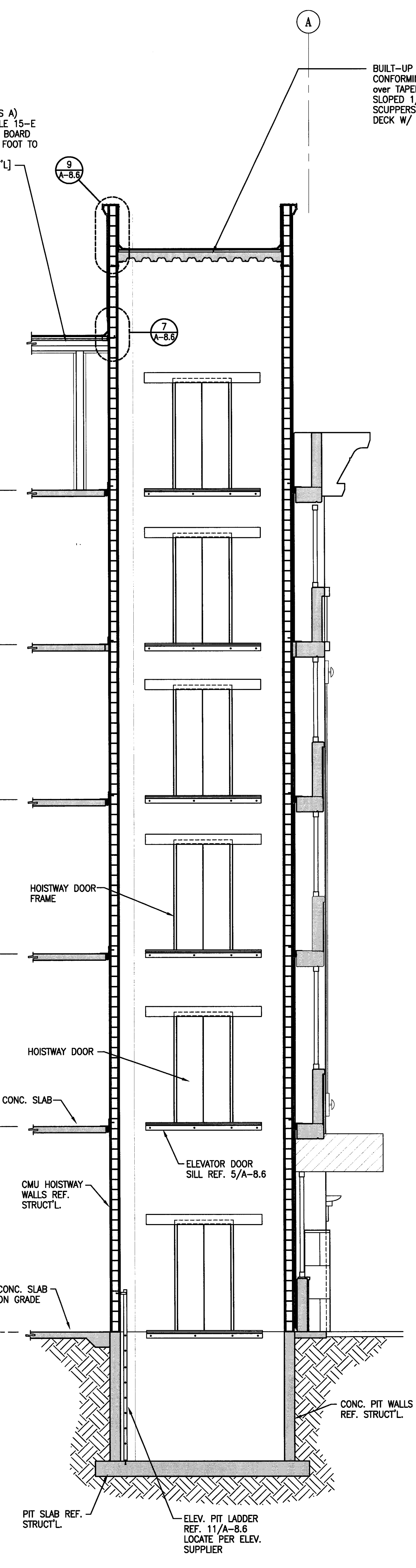


SHEET TITLE  
**ELEVATOR HOISTWAY SECTIONS**

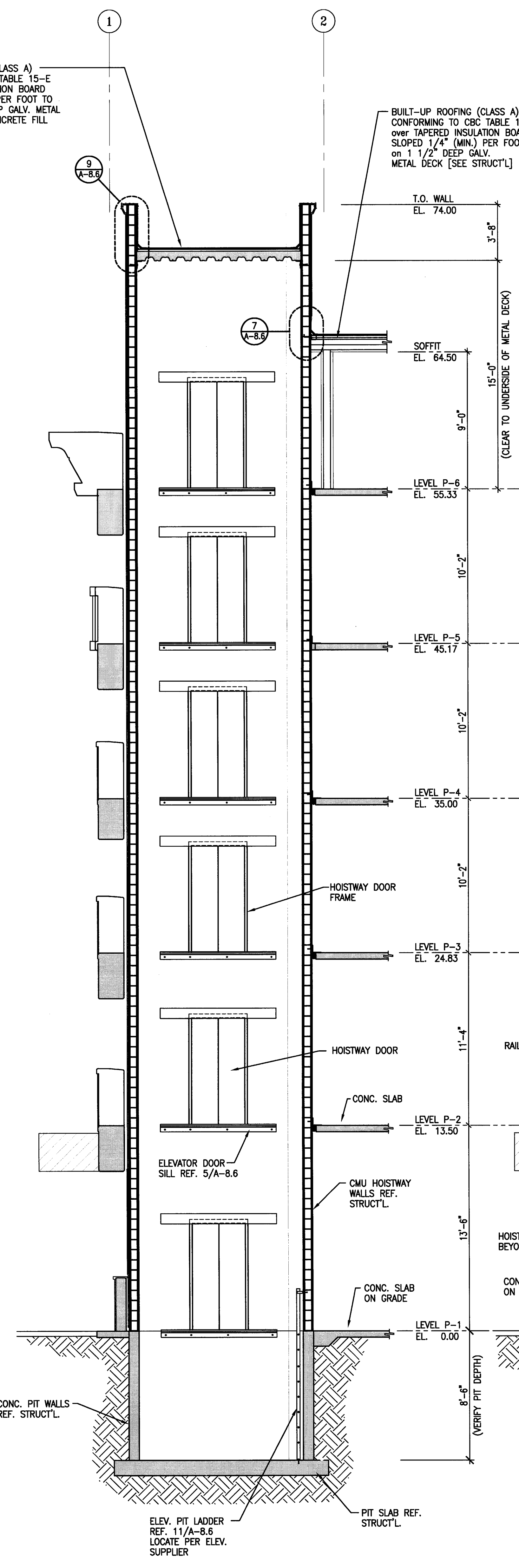
DATE 29, NOV. 2004	SCALE 1/4" = 1'-0"
DRAWN BY ACL	CHECKED BY SBH
DRAWING NO. 2319A-7.5	SHEET
PROGRAM NO.	R-NO.
DRAWING NO: <b>A-7.5</b>	
PROJECT NO: HNA 2319	



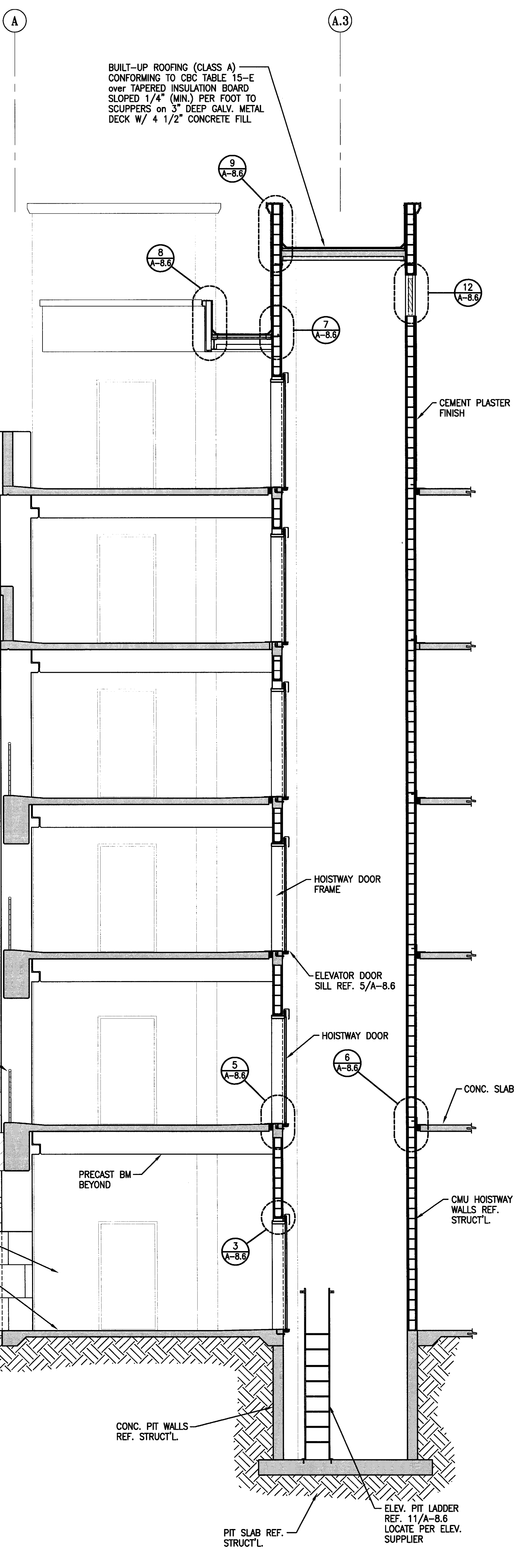
**4** ELEVATOR No. 2 HOISTWAY SECTION  
 A-7.5 SCALE: 1/4" = 1'-0"



**3** ELEVATOR No. 2 HOISTWAY SECTION  
 A-7.5 SCALE: 1/4" = 1'-0"



**2** ELEVATOR No. 1 HOISTWAY SECTION  
 A-7.5 SCALE: 1/4" = 1'-0"



**1** ELEVATOR No. 1 HOISTWAY SECTION  
 A-7.5 SCALE: 1/4" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

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 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:  
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 Rancho Palos Verdes, California 90275  
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Design Architect  
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Structural Engineer  
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CE Engineer  
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 209. 943. 2021

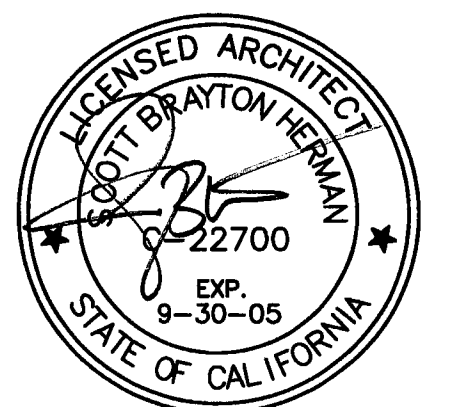
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
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Mechanical Designer - Design/Builder  
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 Stockton, California 95201  
 209. 468. 4601

**CONST. DOCUMENTS**

REVISIONS:  
 11/29/04 PLANCHCK SET  
 3/11/05 PERMIT SET



SHEET TITLE  
**STAIR SECTIONS**

DATE	SCALE
29, NOV. 2004	1/4" = 1'-0"
DRAWN BY	CHECKED BY
ACL	SBH
DRAWING NO.	SHEET
2319A-7-6	
PROGRAM NO.	R-NO.

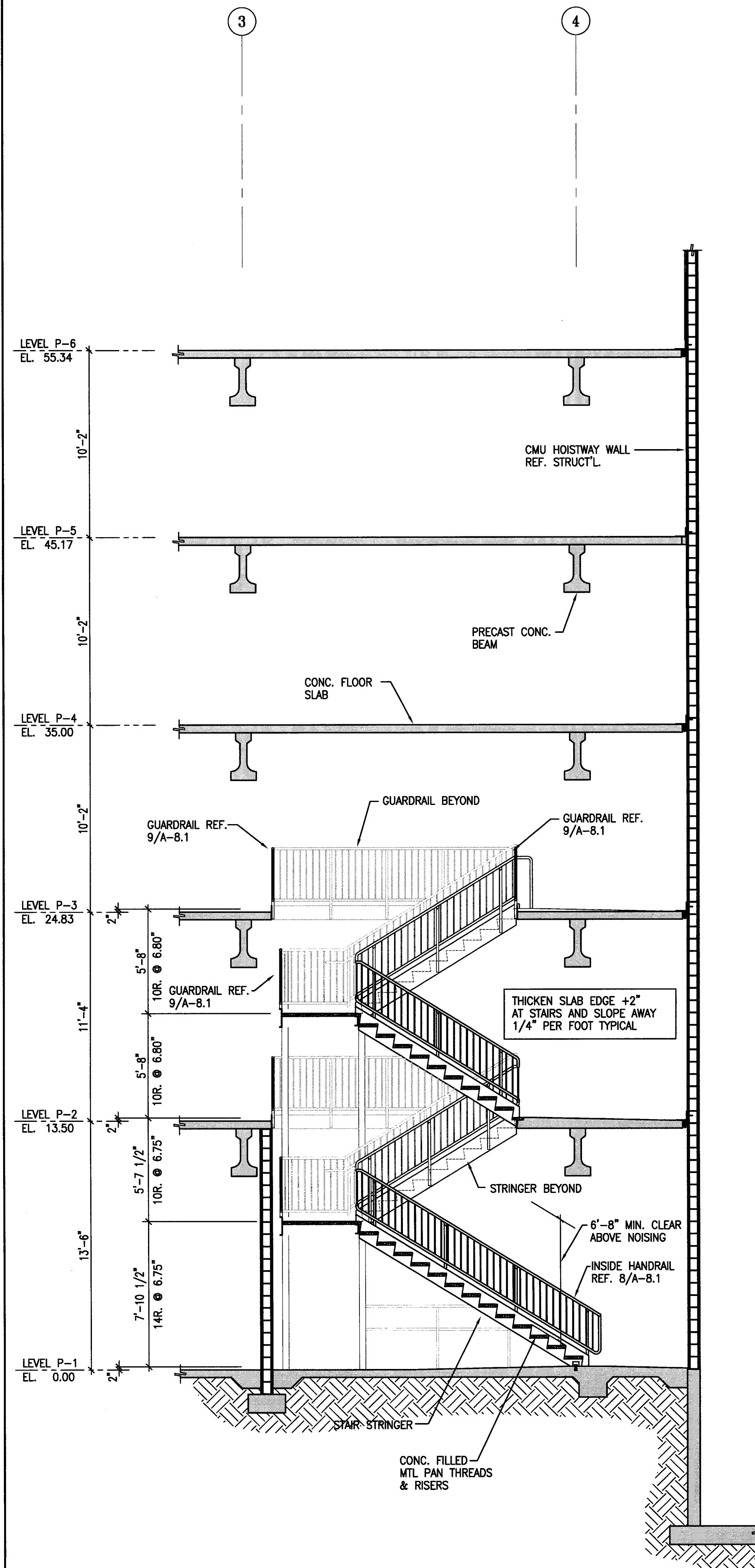
DRAWING NO:  
**A-7.6**  
 PROJECT NO:  
 HNA 2319

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 HNA/PACIFIC AND MAGNUSSON KLEMENCIC ASSOCIATES WILL REVIEW THE DESIGN-BUILD PACKAGE FOR GENERAL CONFORMANCE TO THE OVERALL DESIGN CRITERIA ONLY.

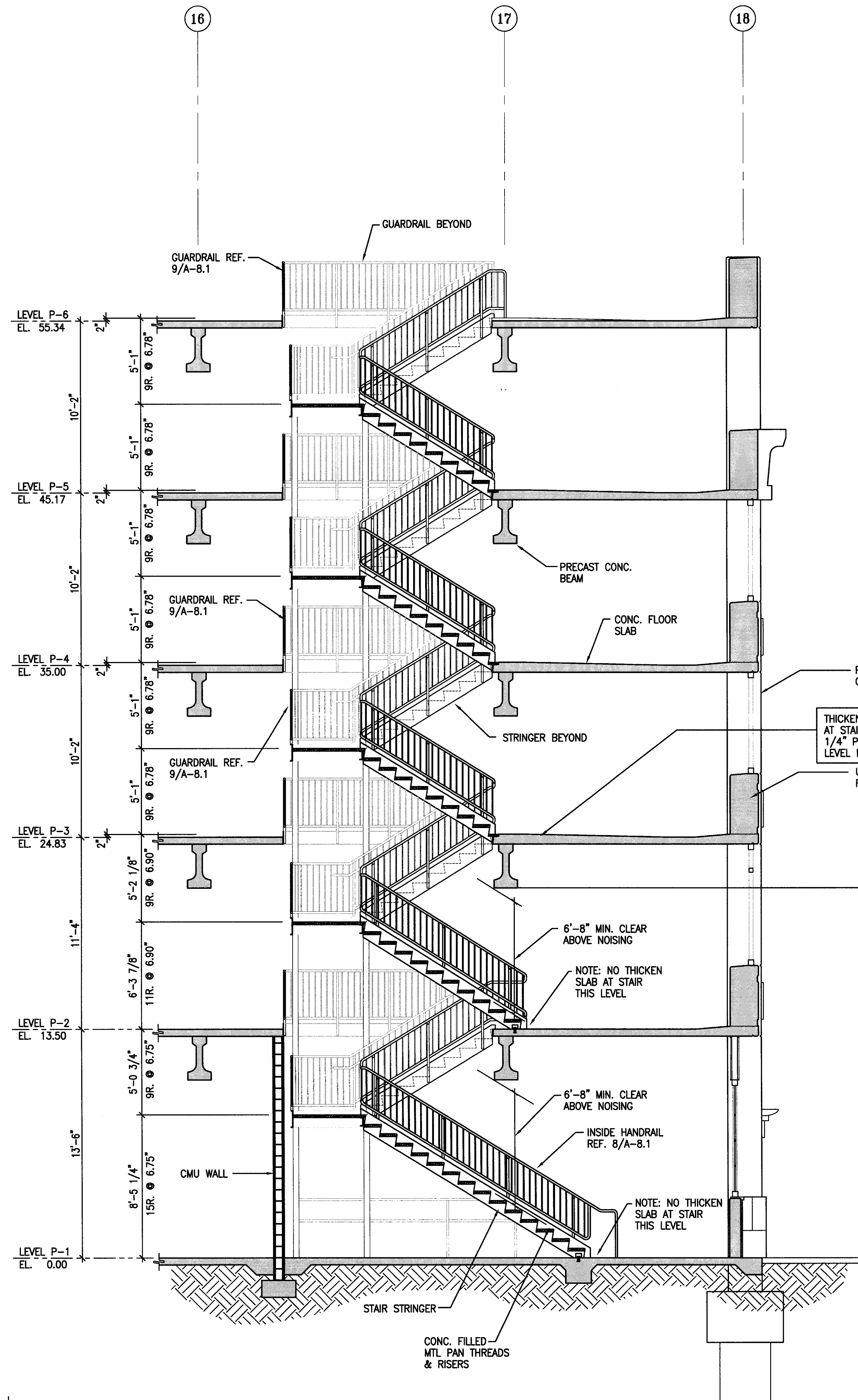
THE RISE OF STEPS AND STAIRS SHALL NOT BE LESS THAN 4 INCHES NOR MORE THAN 7 INCHES. THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH. THE RUN SHALL NOT BE LESS THAN 11" AS MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FURTHERMOST PROJECTION OF ADJACENT TREADS OR NOSINGS. TREADS SHALL BE OF UNIFORM SIZE AND SHAPE. EXCEPT THE LARGEST TREAD RUN WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH.

THE TOP OF HANDRAILS AND HANDRAIL EXTENSIONS SHALL NOT BE PLACES LESS THAN 34 INCHES NOR MORE THAN 38 INCHES ABOVE LANDINGS AND THE NOSING OF TREADS.

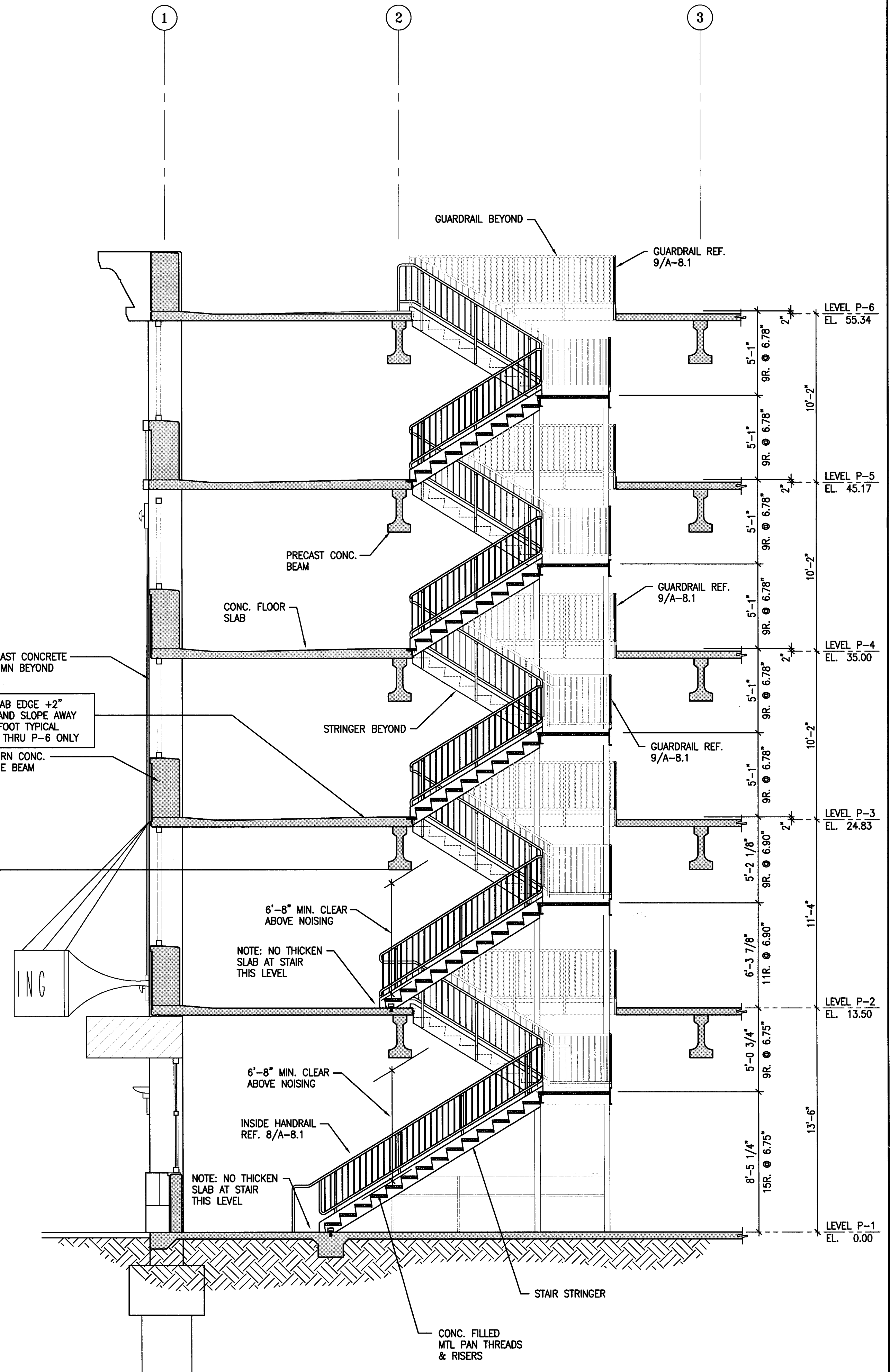
MAINTAIN MINIMUM 6'-8" VERTICAL HEADROOM ABOVE ALL STAIRS MEASURED VERTICALLY FROM A PLANE PARALLEL AND TANGENT TO THE STAIRWAY TREAD NOSINGS TO THE SOFFIT OR OTHER CONSTRUCTION ABOVE AT ALL POINTS.



3 STAIR No. 3 SECTION  
 A-7.6 SCALE: 1/4" = 1'-0"



2 STAIR No. 2 SECTION  
 A-7.6 SCALE: 1/4" = 1'-0"



1 STAIR No. 1 SECTION  
 A-7.6 SCALE: 1/4" = 1'-0"

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**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHHECK SET
3/11/05	PERMIT SET



**SHEET TITLE**  
**ENLARGED PLANS**

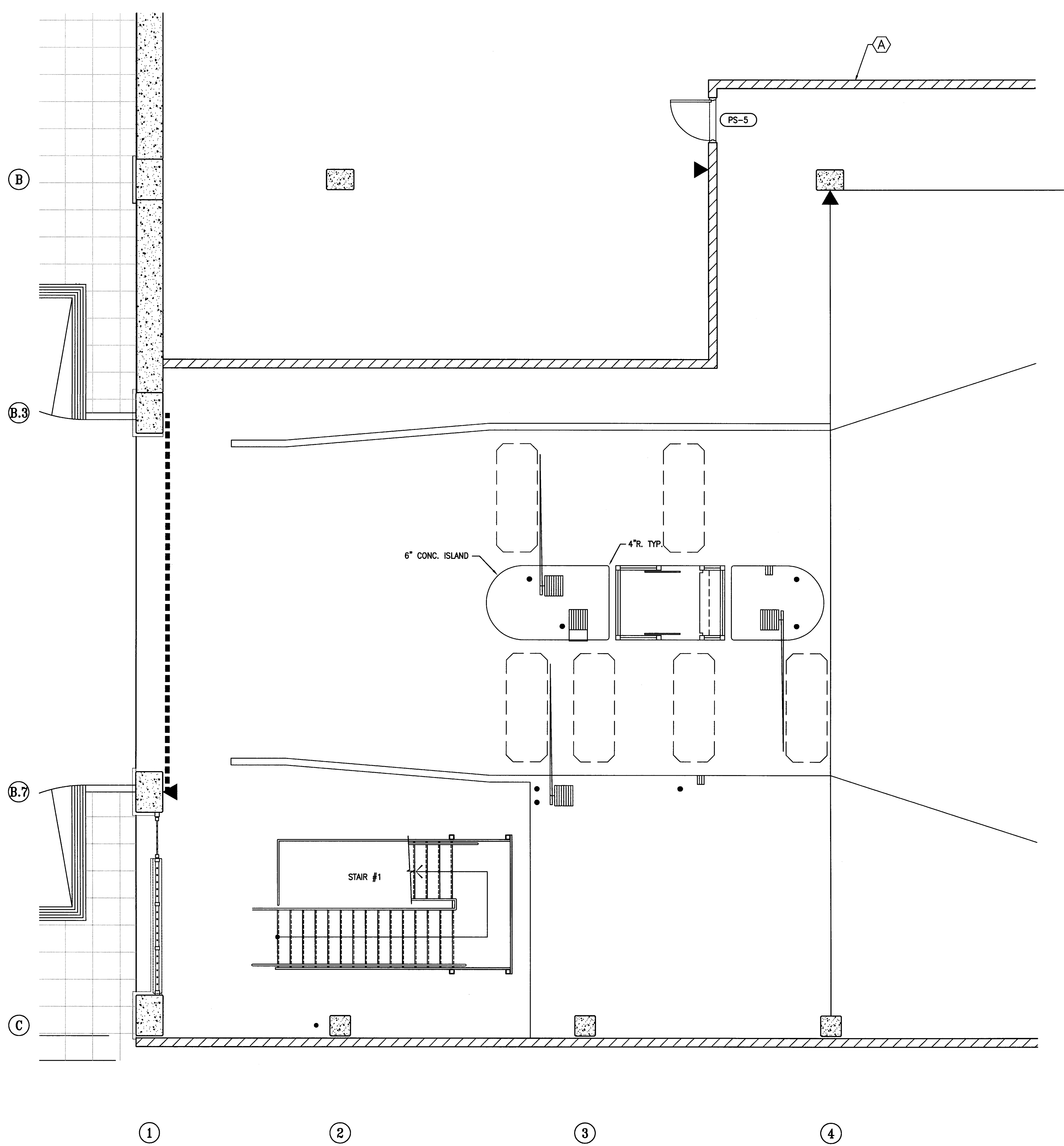
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29, NOV. 2004	1/4" = 1'-0"
DRAWN BY	CHECKED BY
ACL	SBH
DRAWING NO.	SHEET
2319A-7-7	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-7.7**  
PROJECT NO:  
HNA 2319

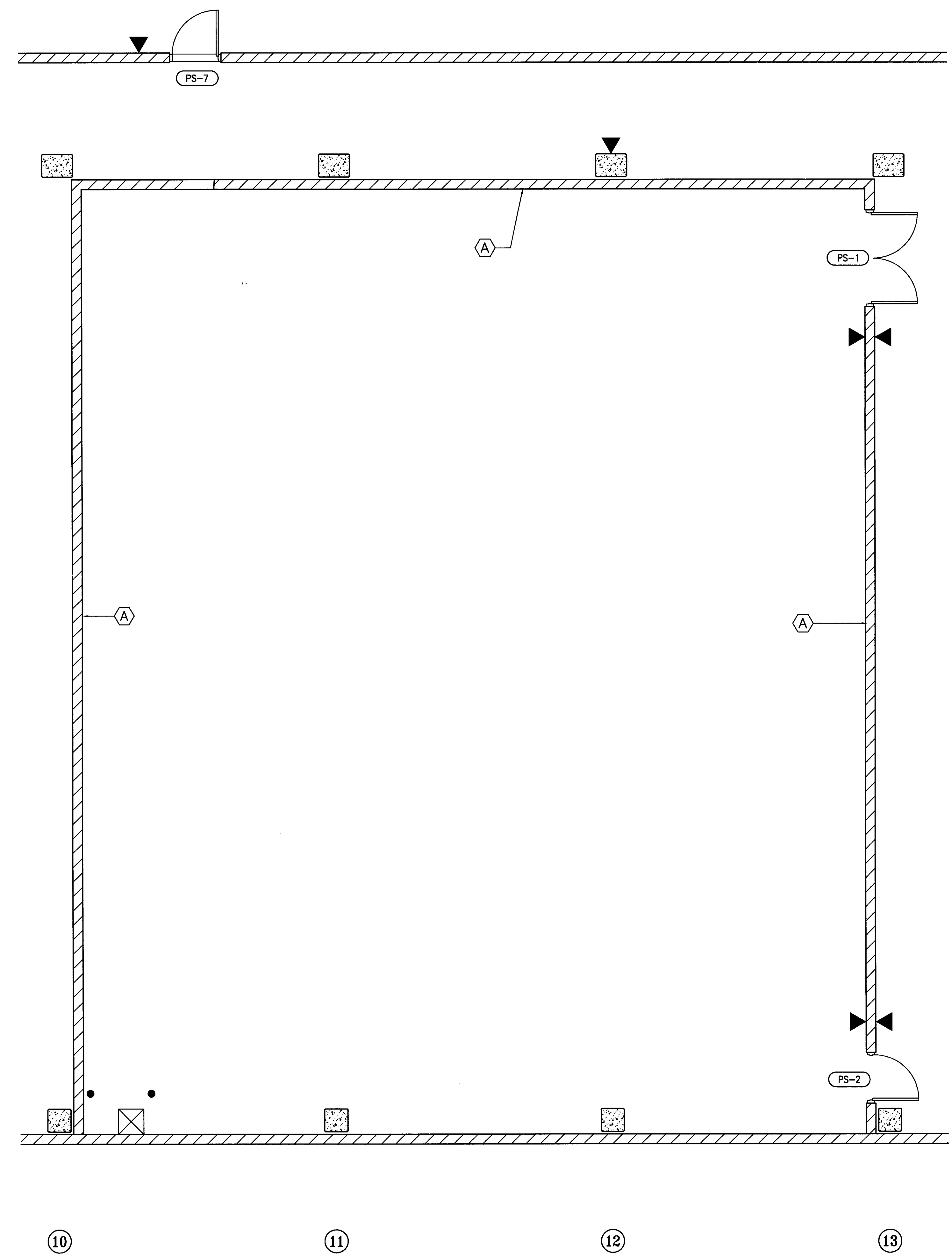
PS-1 INDICATES DOOR TYPE, REF. A-8.5 FOR SCHEDULE AND DOOR DETAILS

**WALL TYPE LEGEND**

- (A) 8" CONCRETE MASONRY WALL /SOLID GROUTED
- (B) 1. 20 ga. - 6" 'C' (16" O.C.) METAL STUD WALL  
2. 1 LAYER TYPE 'X' FIRE-RATED GYPSUM BOARD ON COMMERCIAL SPACE SIDE (INTERIOR)  
3. 1" THICK LATH AND CEMENT PLASTER ON EXTERIOR SIDE OF WALL



**2** ENLARGED ENTRY PLAN - LEVEL P-1  
SCALE: 1/4" = 1'-0"



**1** ENLARGED STORAGE ROOM PLAN - LEVEL P-1  
SCALE: 1/4" = 1'-0"

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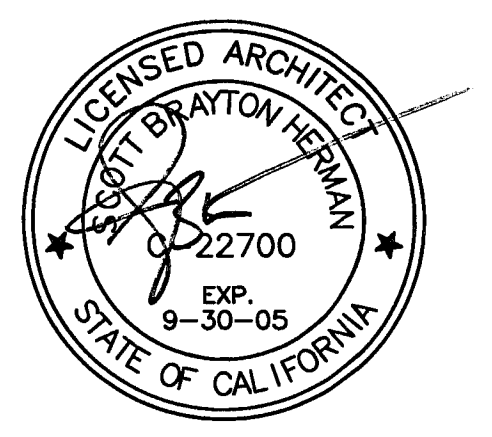
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 Stockton, California 95203  
 209. 466. 3681

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET

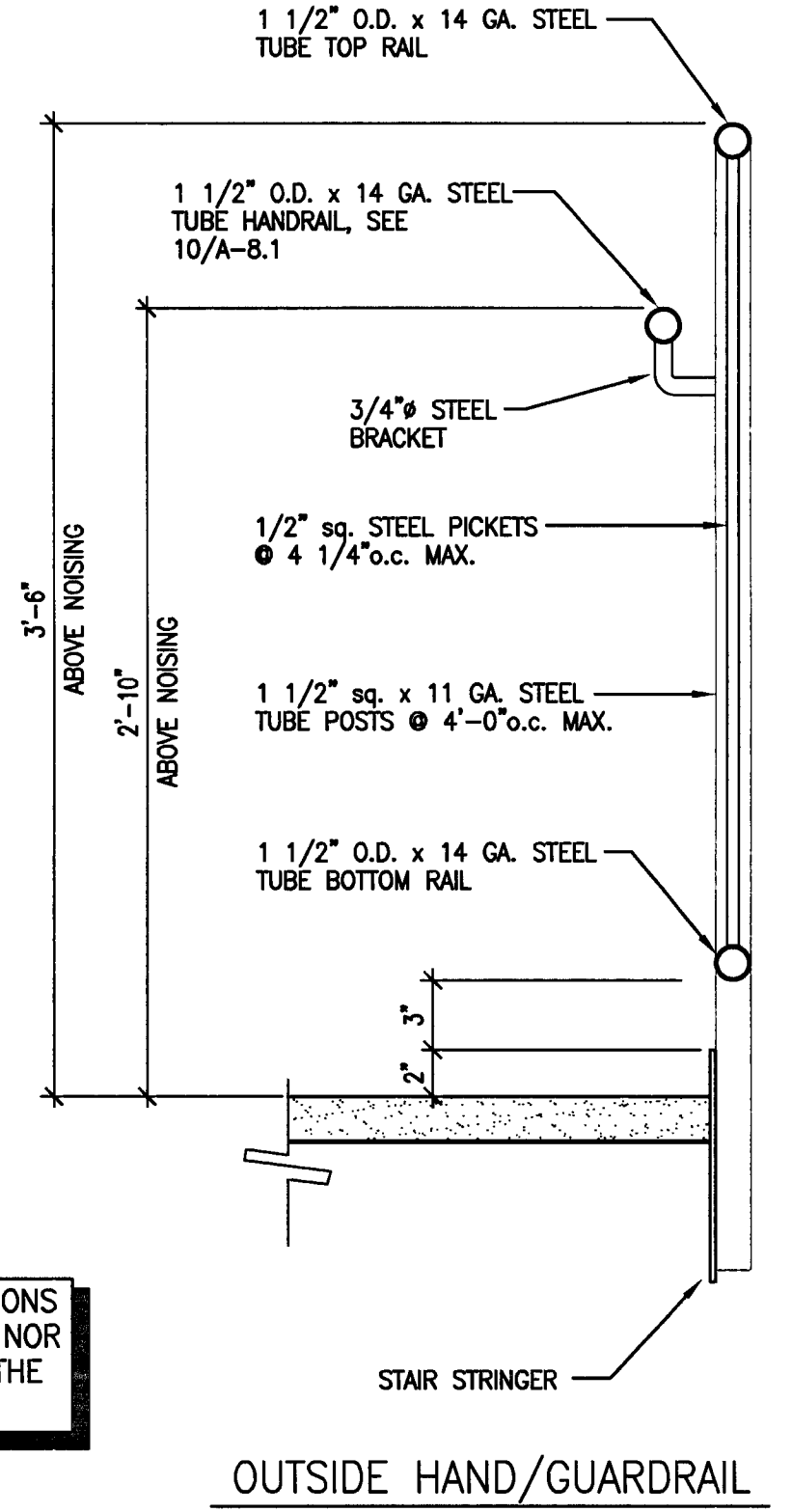


SHEET TITLE

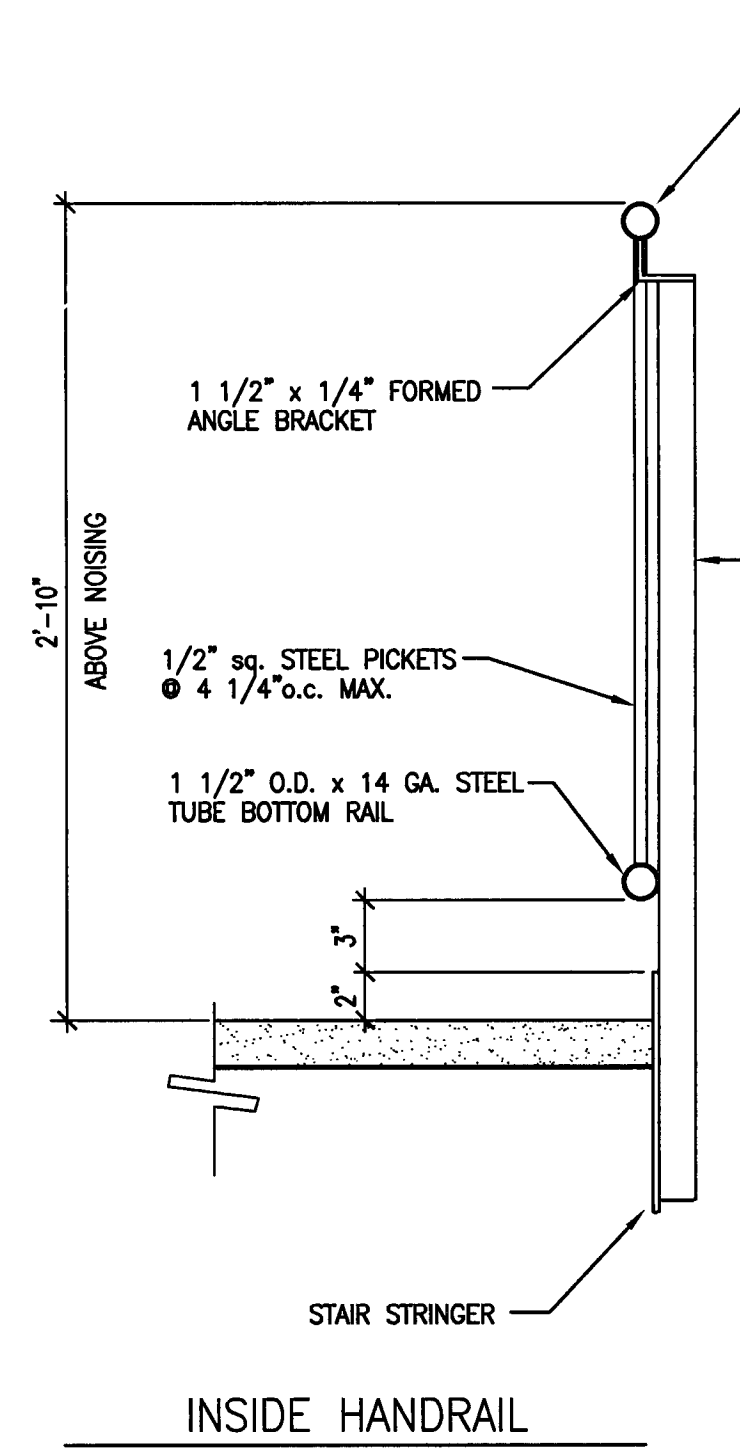
**TYPICAL STAIR DETAILS**

DATE	SCALE
29, NOV. 2004	1 1/2" = 1'-0"
DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2319A-8-1	
PROGRAM NO.	R-NO.

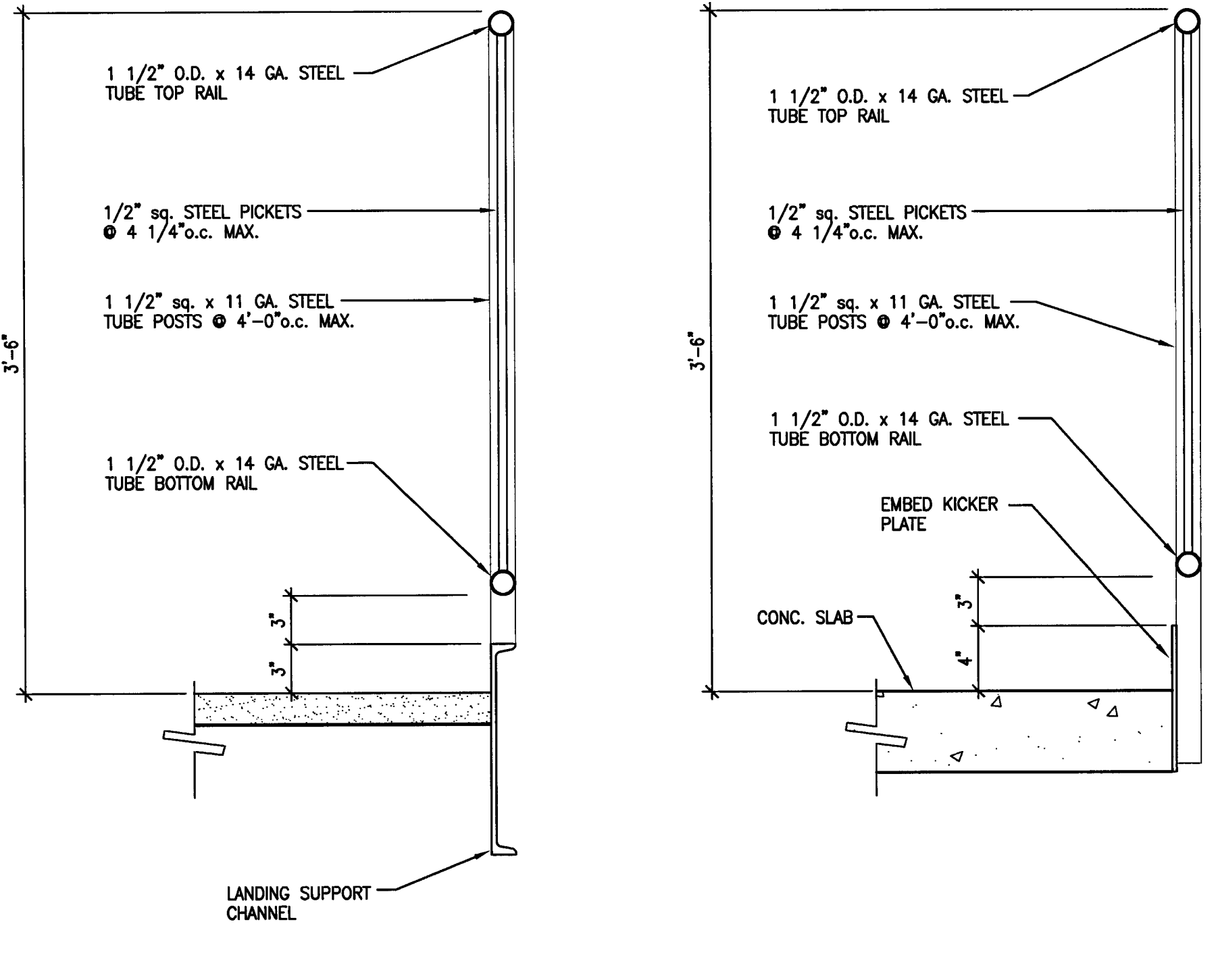
DRAWING NO:  
**A-8.1**  
 PROJECT NO:  
 HNA 2319



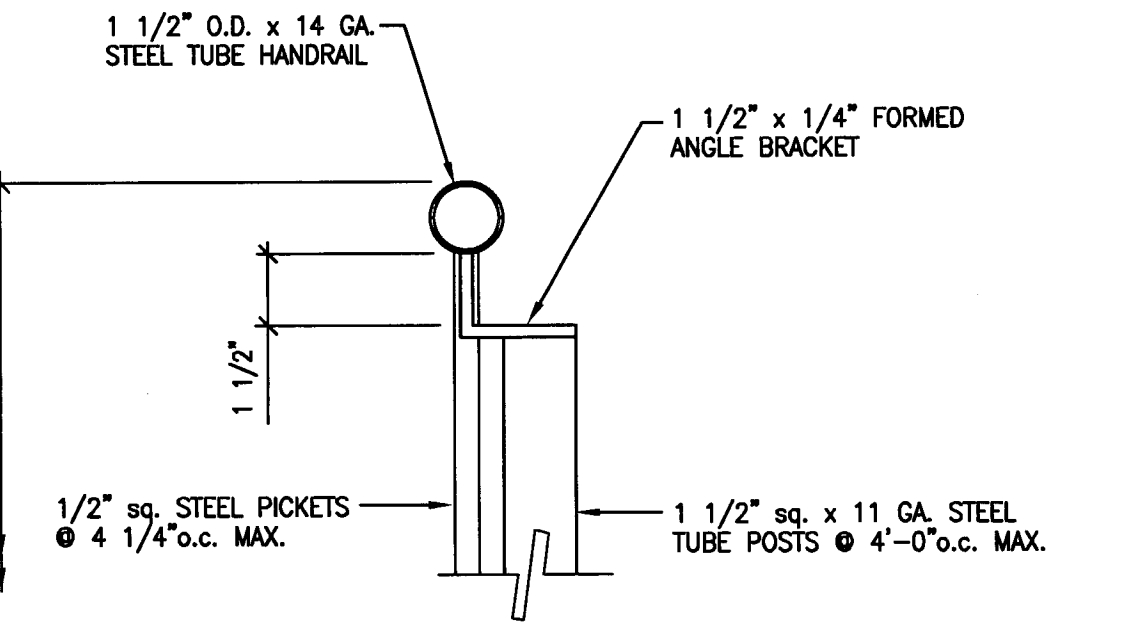
**8 TYPICAL HANDRAIL DETAILS**  
 SCALE: 1 1/2" = 1'-0"



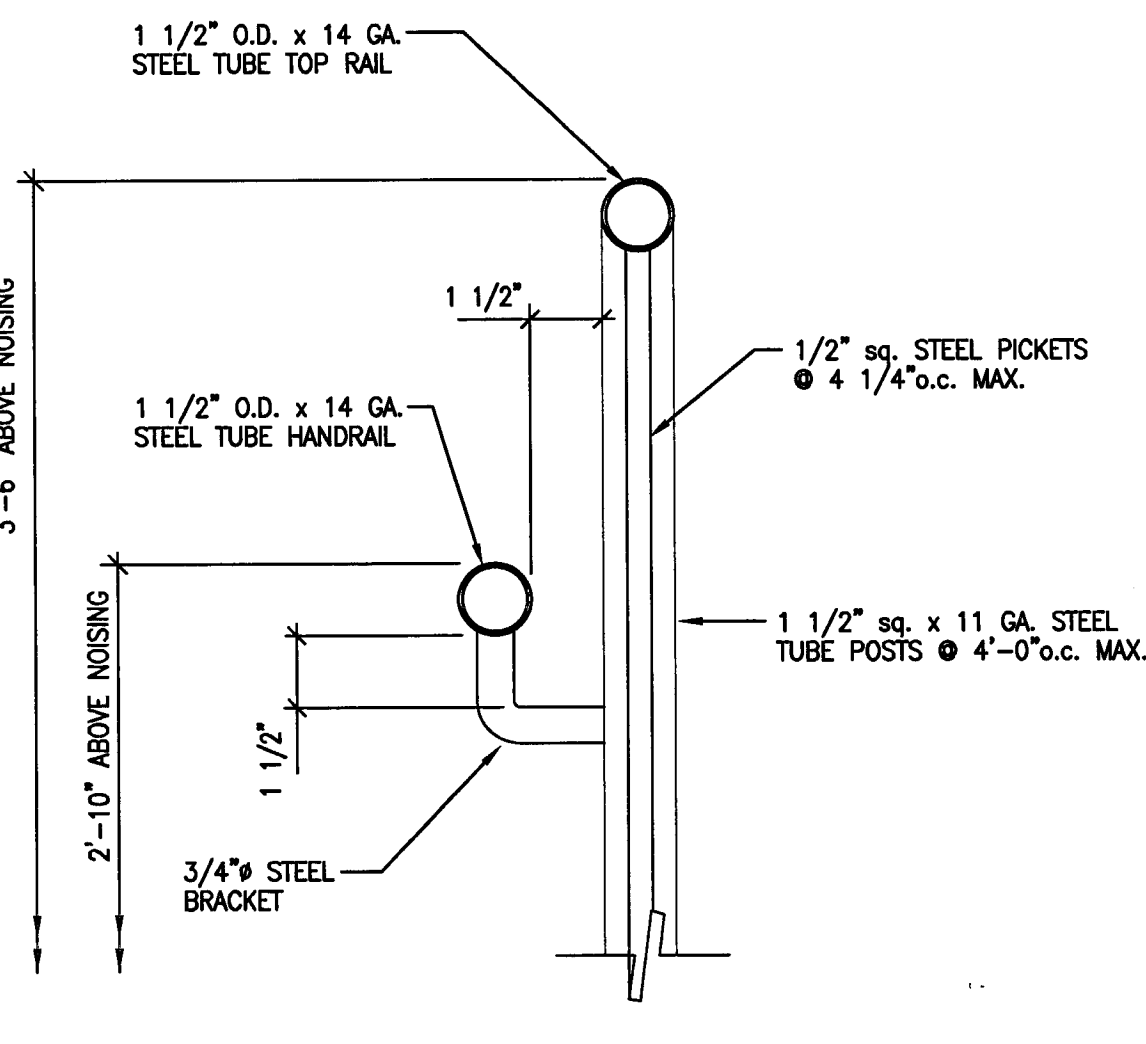
**8 TYPICAL HANDRAIL DETAILS**  
 SCALE: 1 1/2" = 1'-0"



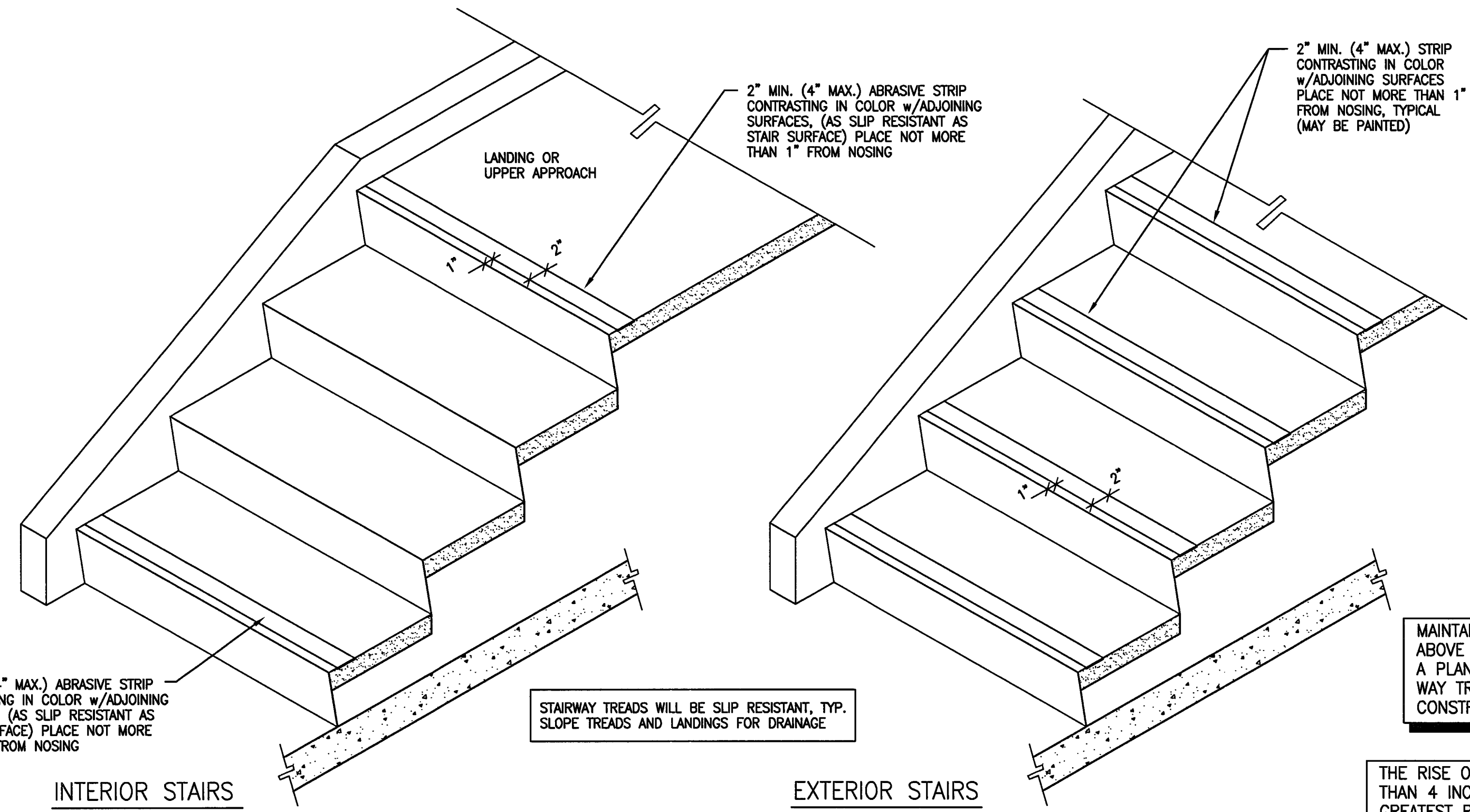
**9 TYPICAL GUARDRAIL DETAILS**  
 SCALE: 1 1/2" = 1'-0"



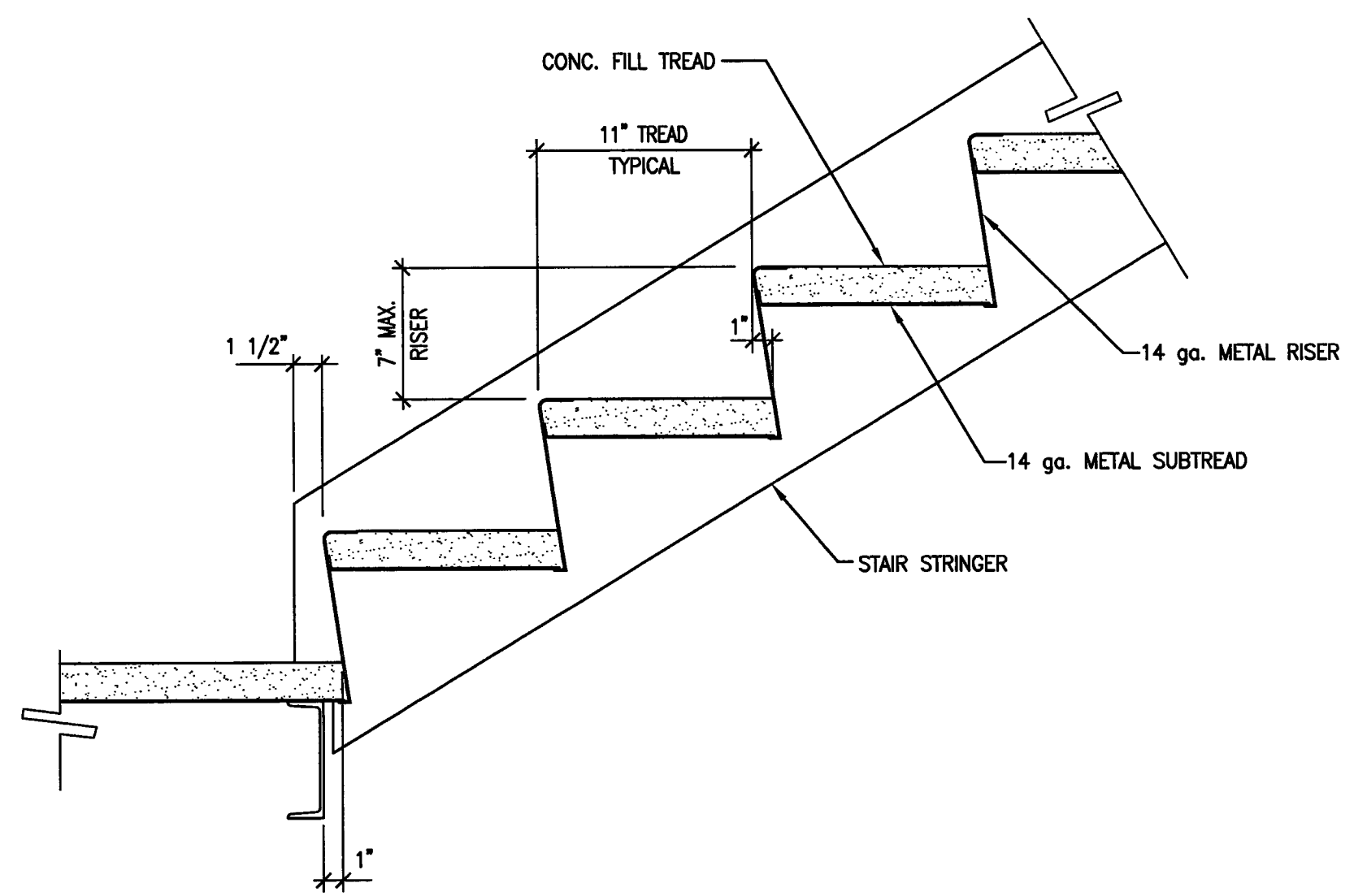
**11 CONNECTION DETAIL**  
 SCALE: 3" = 1'-0"



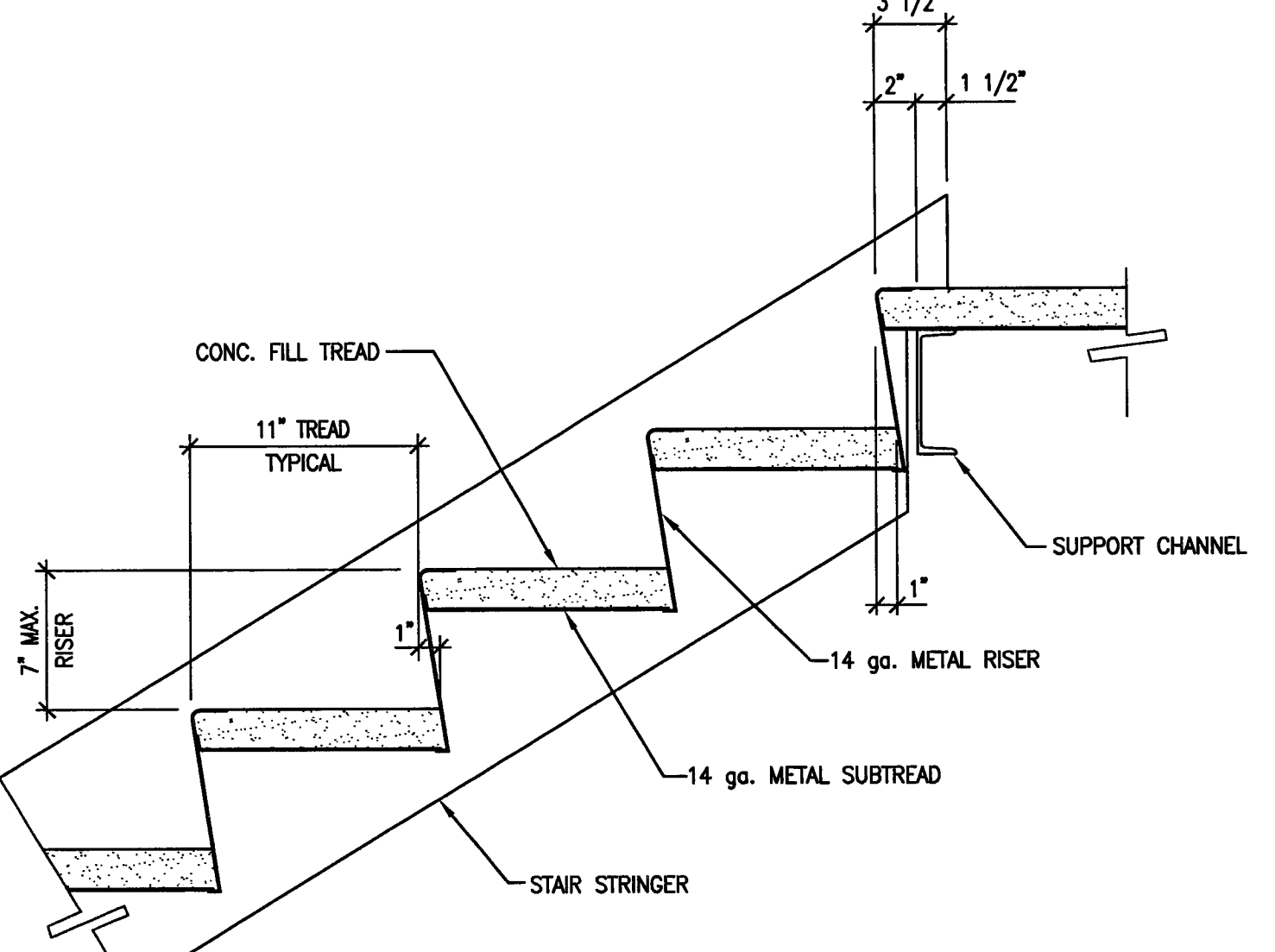
**10 CONNECTION DETAIL**  
 SCALE: 3" = 1'-0"



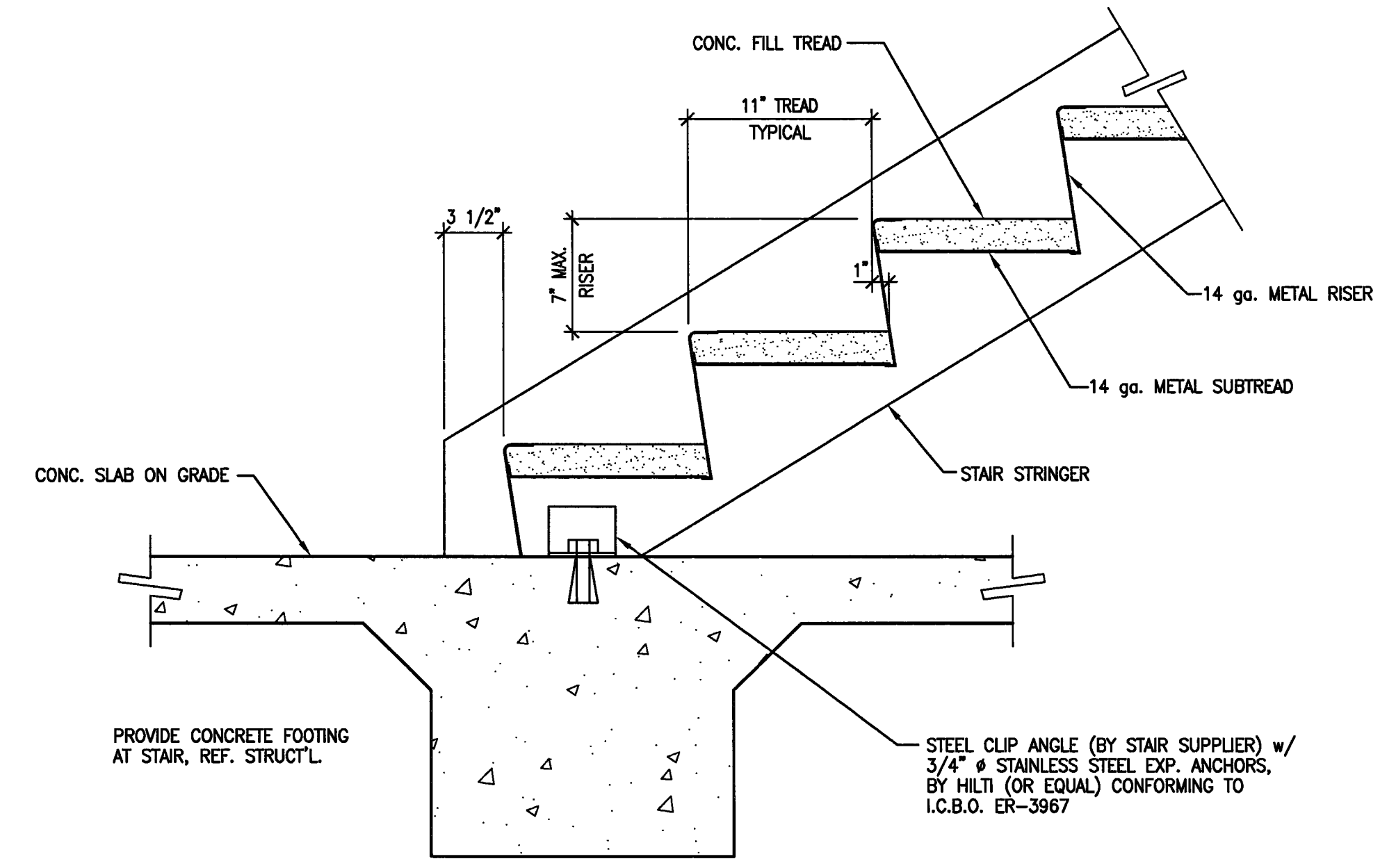
**5 STAIR WARNING STRIPING DETAIL**  
 SCALE: 1" = 1'-0"



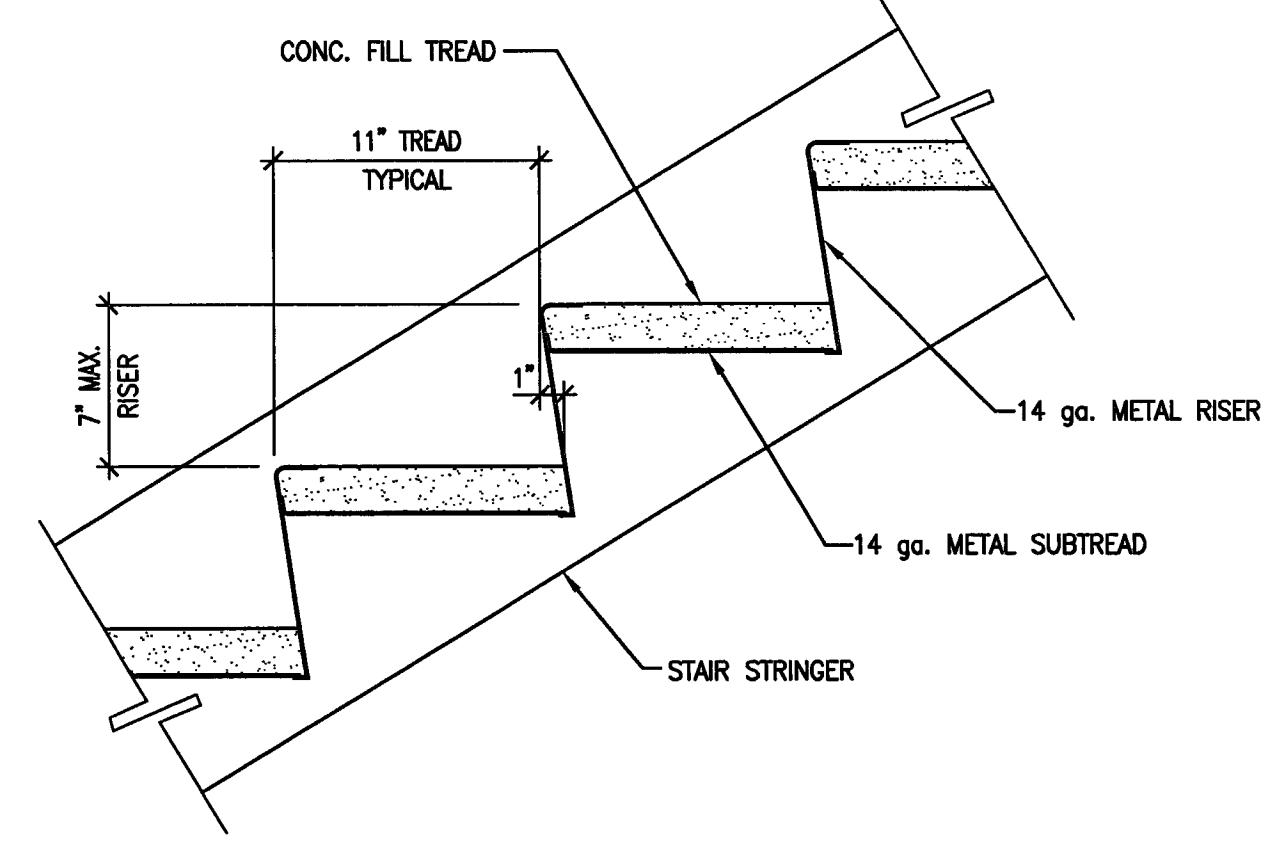
**6 TYPICAL STAIR DETAIL**  
 SCALE: 1 1/2" = 1'-0"



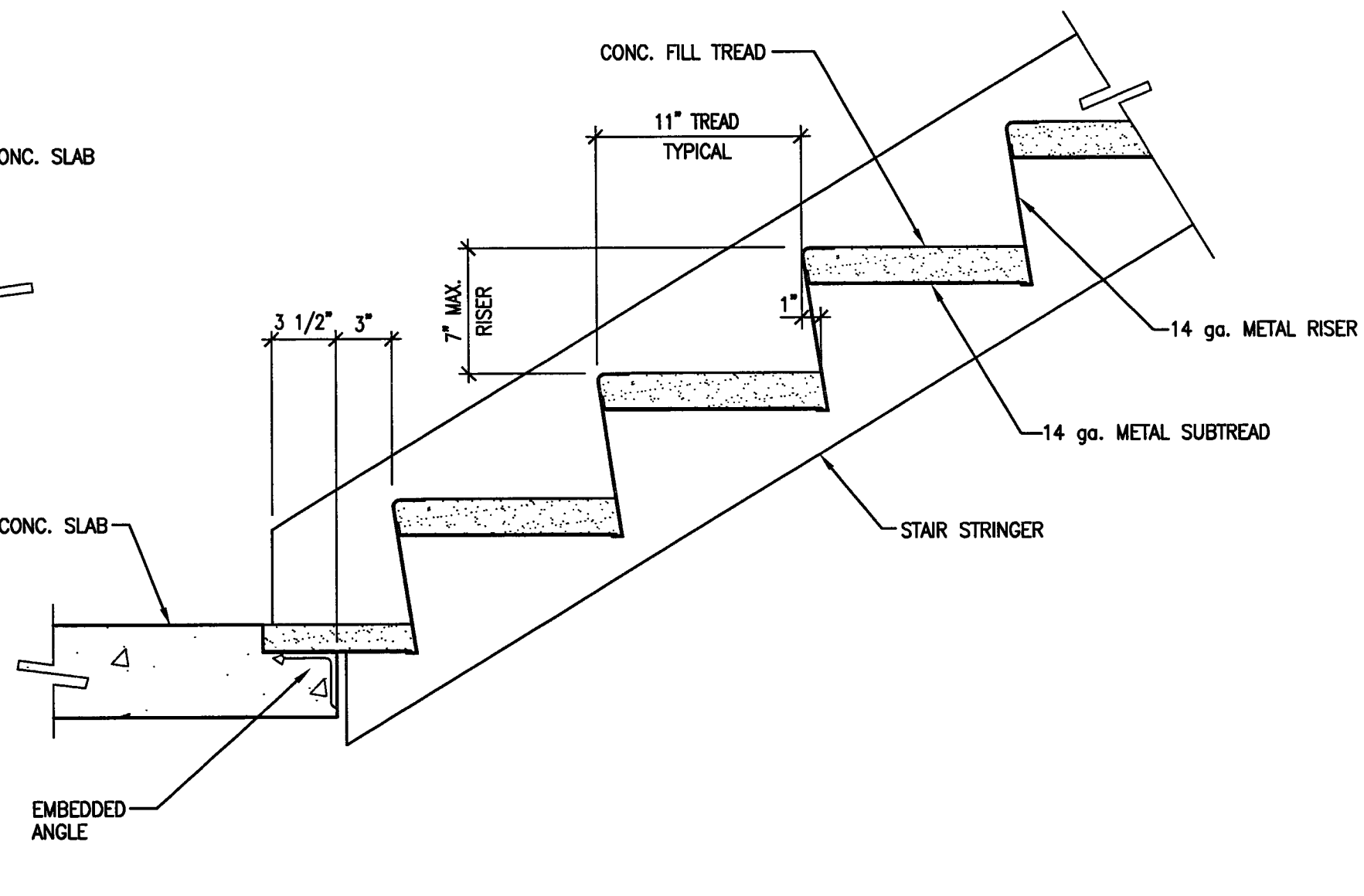
**7 TYPICAL STAIR DETAIL**  
 SCALE: 1 1/2" = 1'-0"



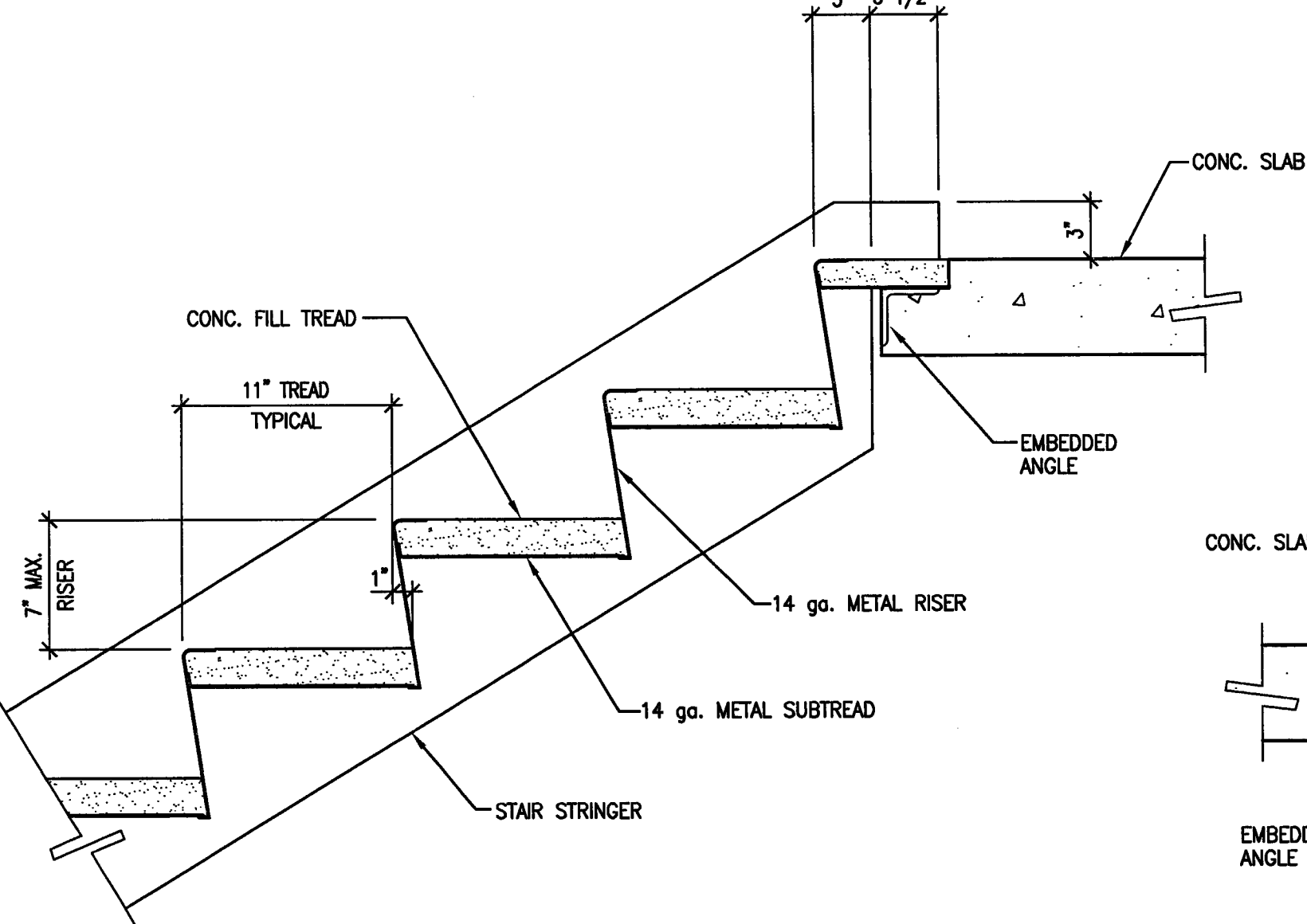
**1 TYPICAL STAIR DETAIL**  
 SCALE: 1 1/2" = 1'-0"



**2 TYPICAL STAIR DETAIL**  
 SCALE: 1 1/2" = 1'-0"



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



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

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:  
 Architect - Planning Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 644. 8870

Design Architect:  
**Wenell Matthews Bows**  
 248 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer:  
**Jessens-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Civil Engineer:  
**Sieffied Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

Plumbing Designer - Design/Builder:  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder:  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

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 1607 Turnpike Road  
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**CONST. DOCUMENTS**

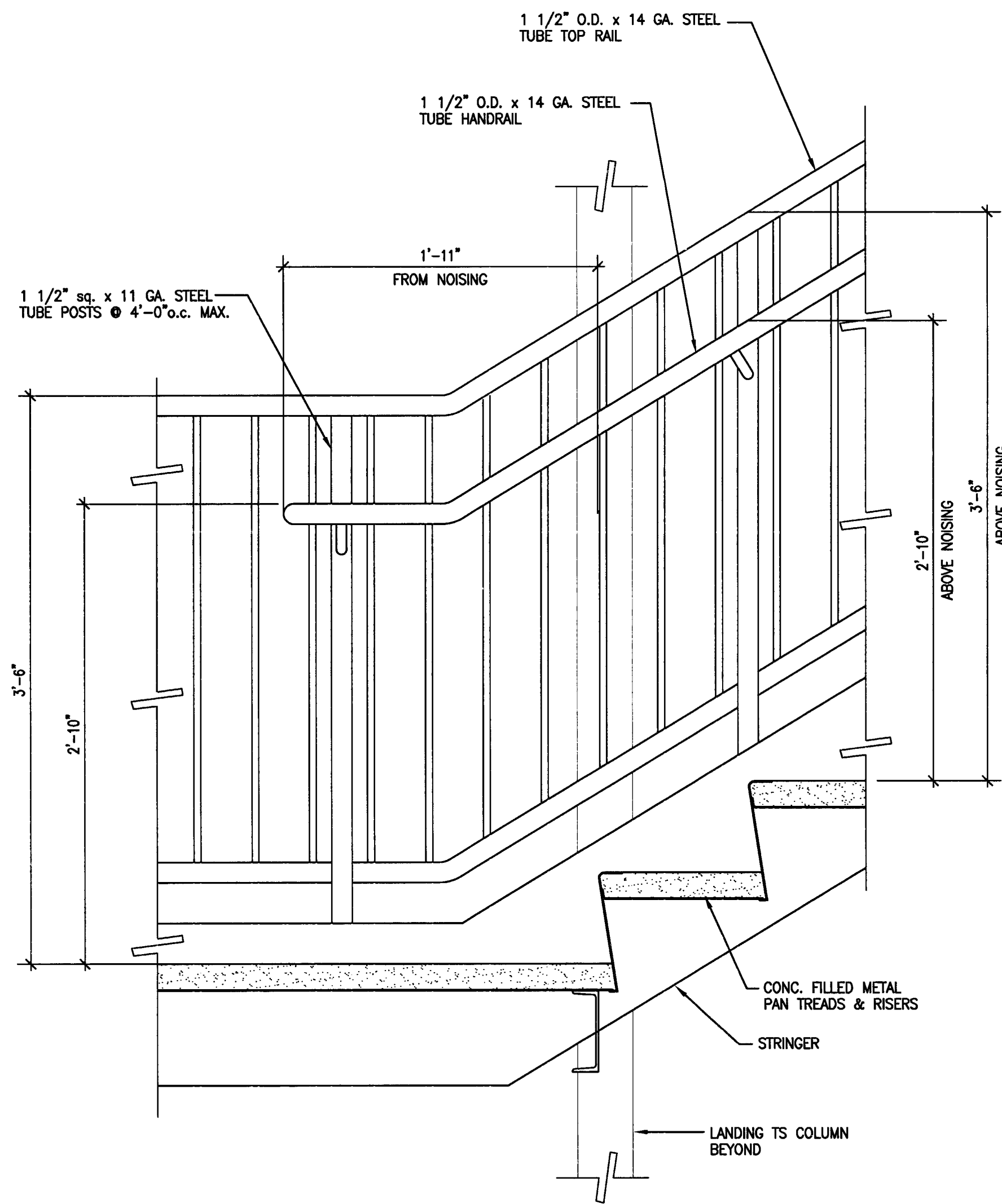
REVISIONS:	
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



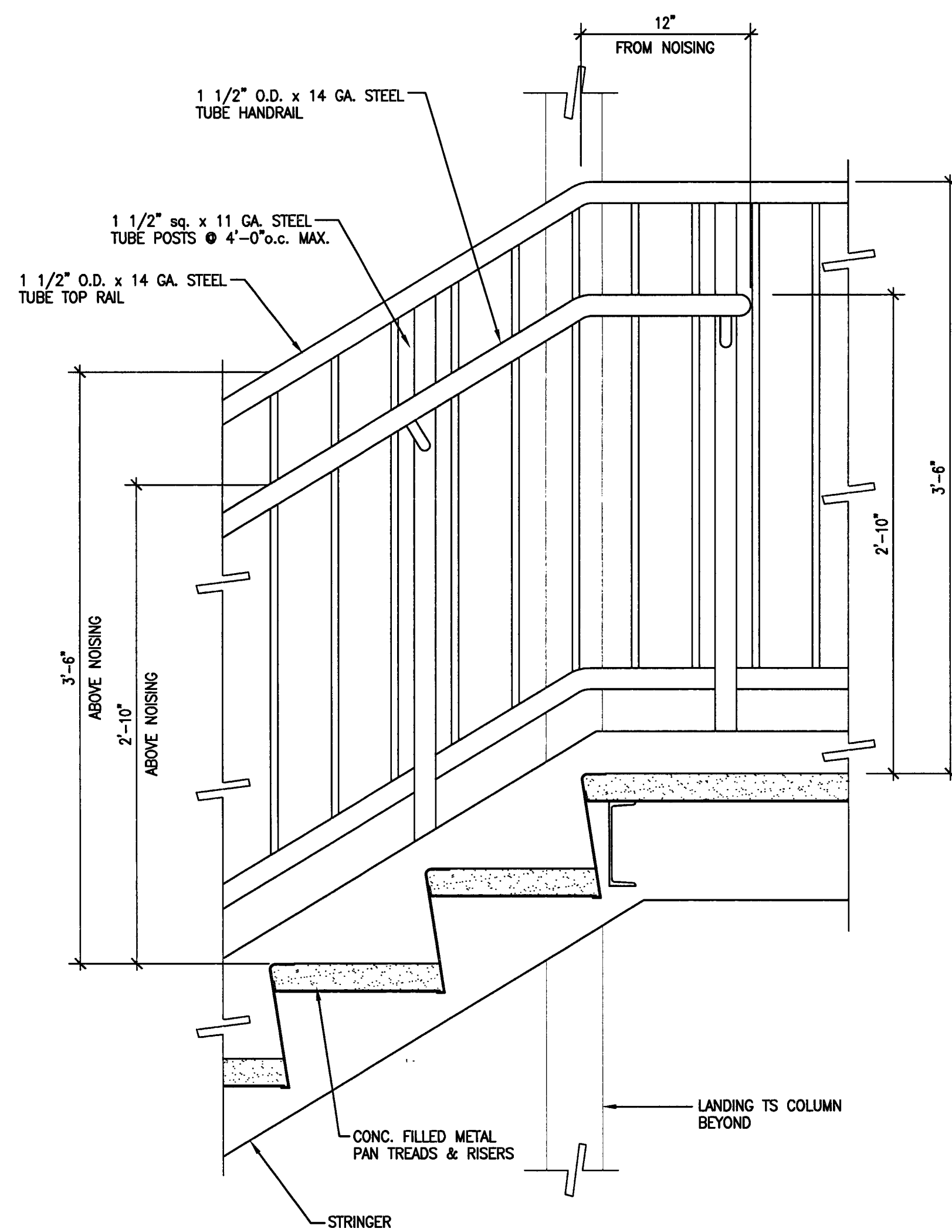
SHEET TITLE  
**TYPICAL STAIR DETAILS**

DATE	SCALE
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DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2319A-8-2	
PROGRAM NO.	R-NO.

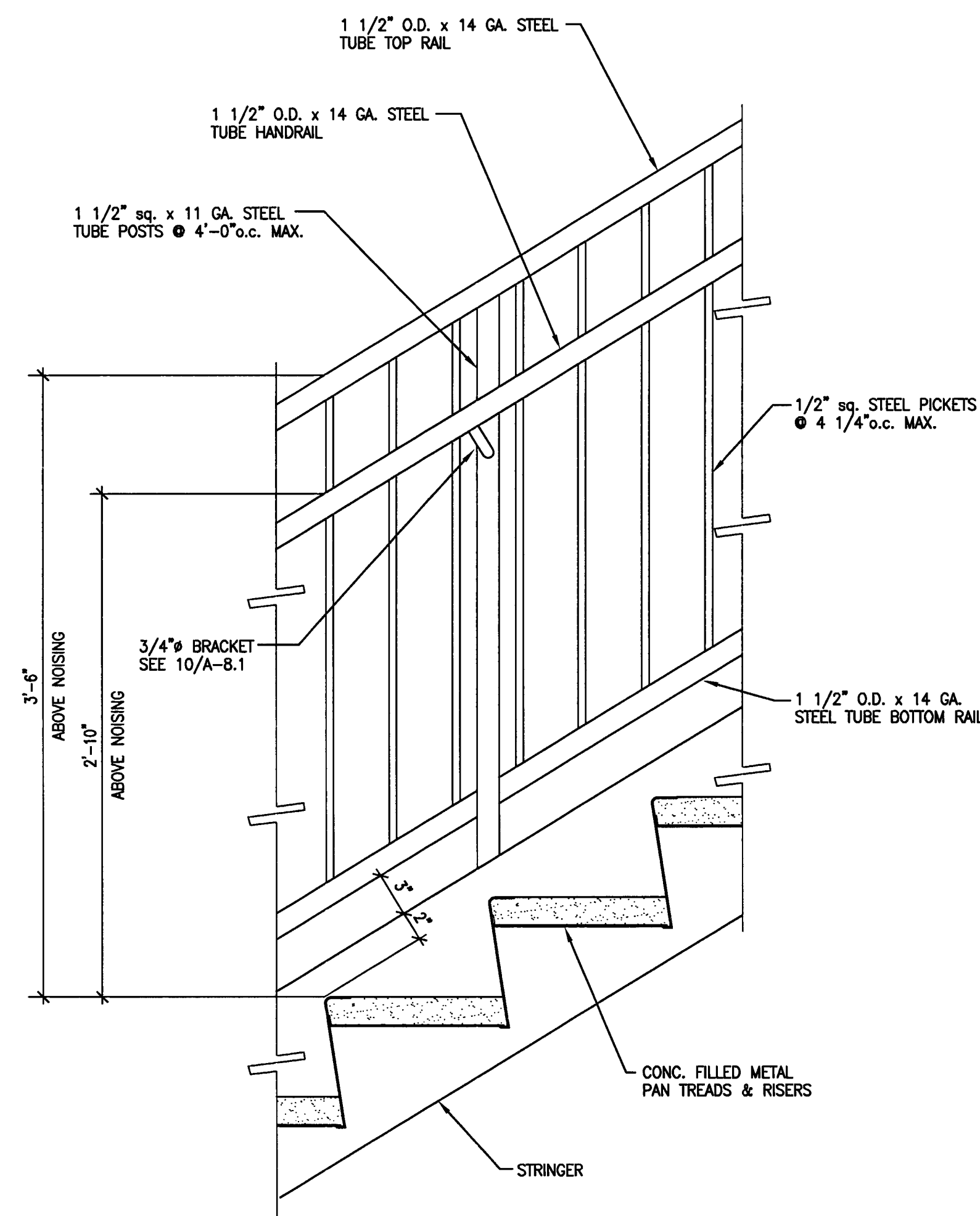
DRAWING NO:  
**A-8.2**  
 PROJECT NO:  
 HNA 2319



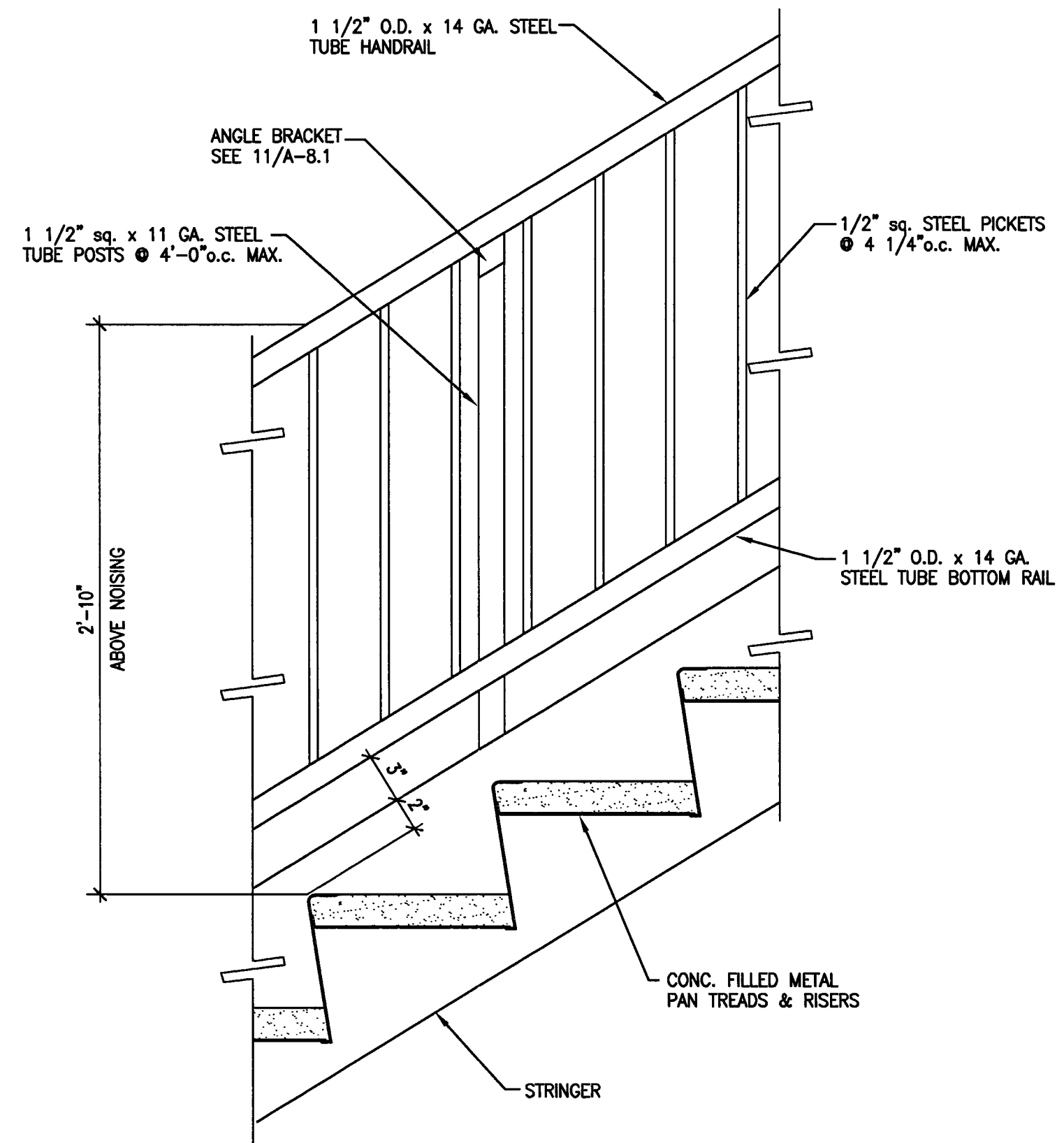
7 TYPICAL OUTSIDE HANDRAIL DETAIL  
 SCALE: 1 1/2" = 1'-0"



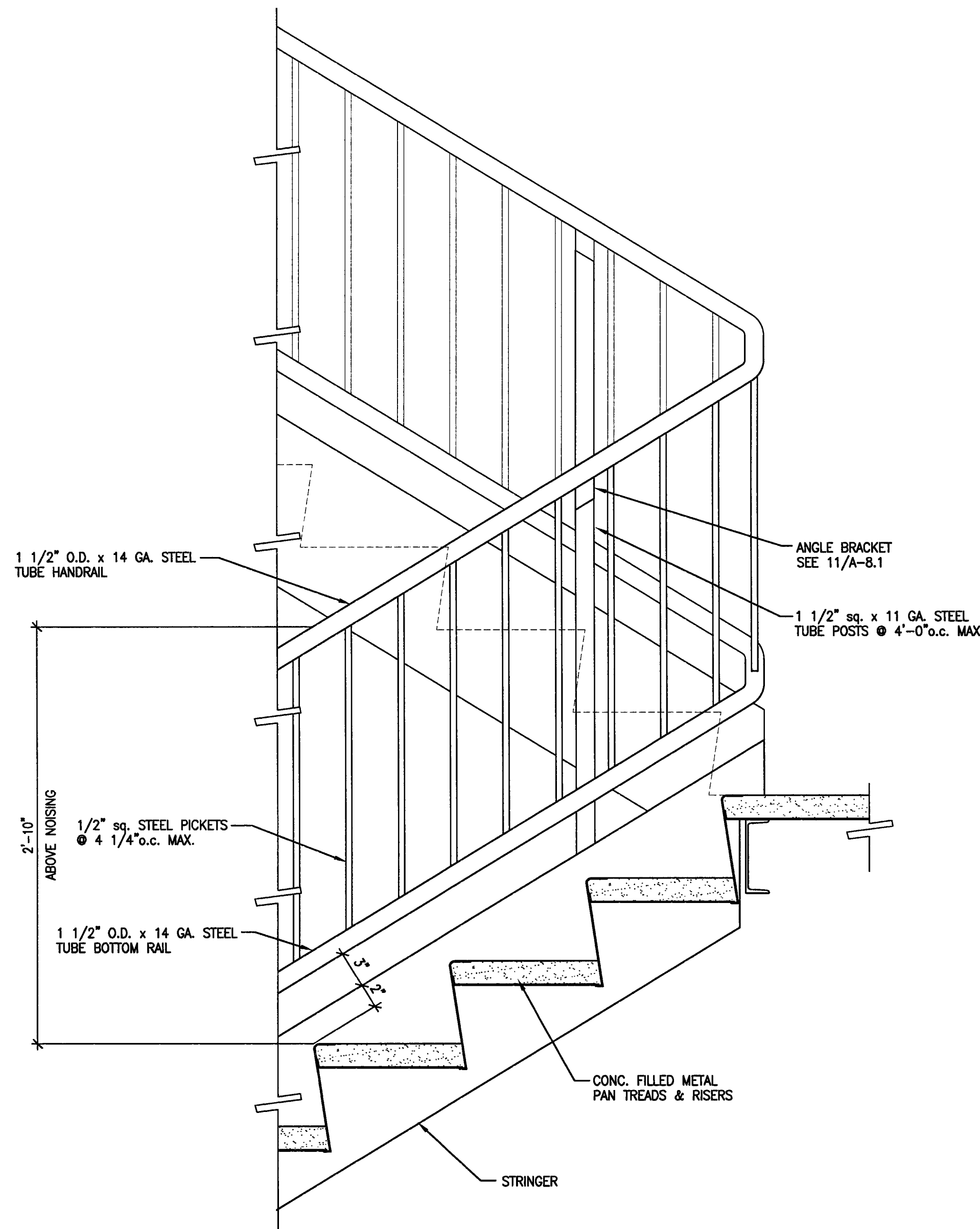
6 TYPICAL OUTSIDE HANDRAIL DETAIL  
 SCALE: 1 1/2" = 1'-0"



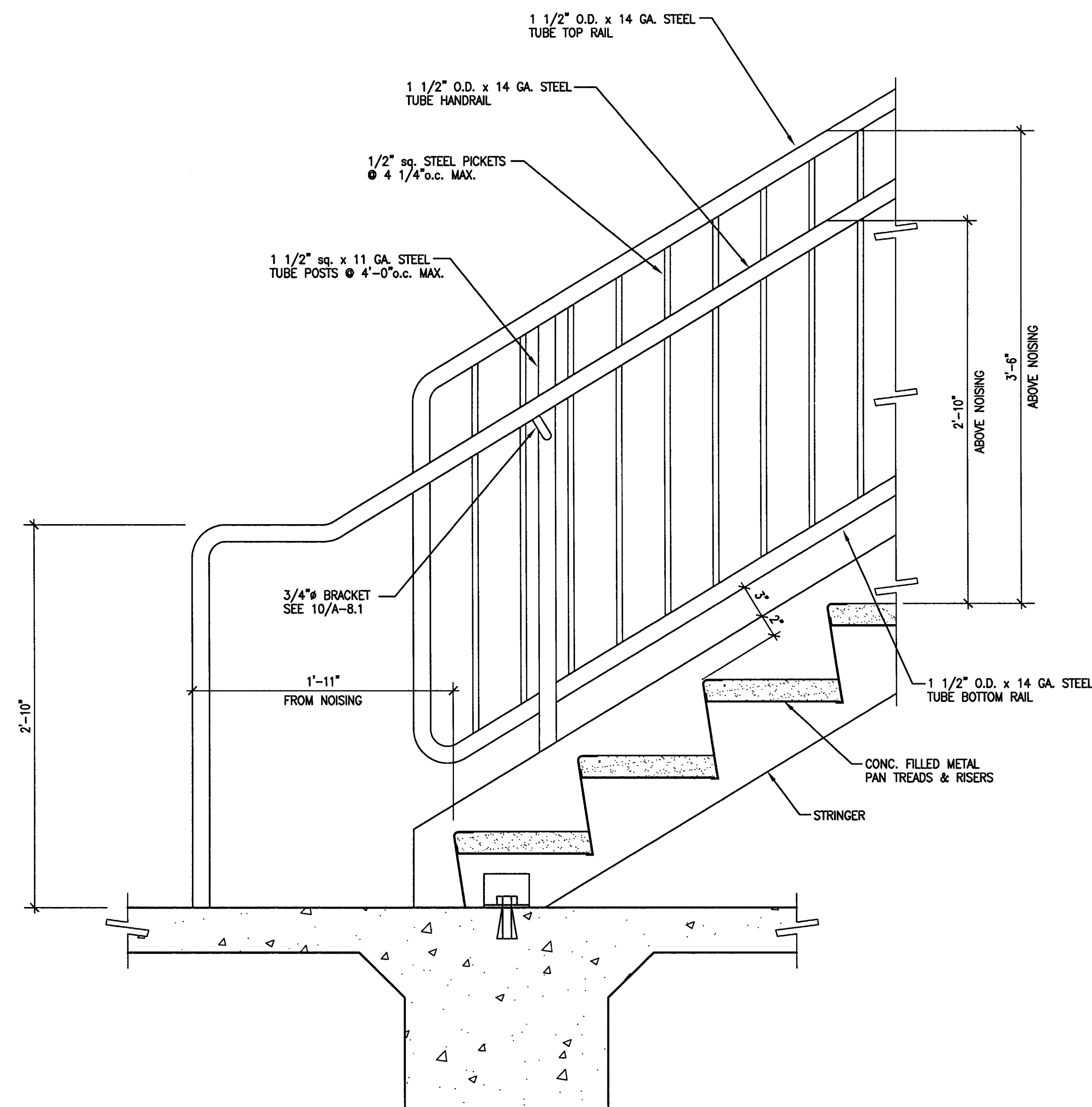
5 TYPICAL OUTSIDE HANDRAIL DETAIL  
 SCALE: 1 1/2" = 1'-0"



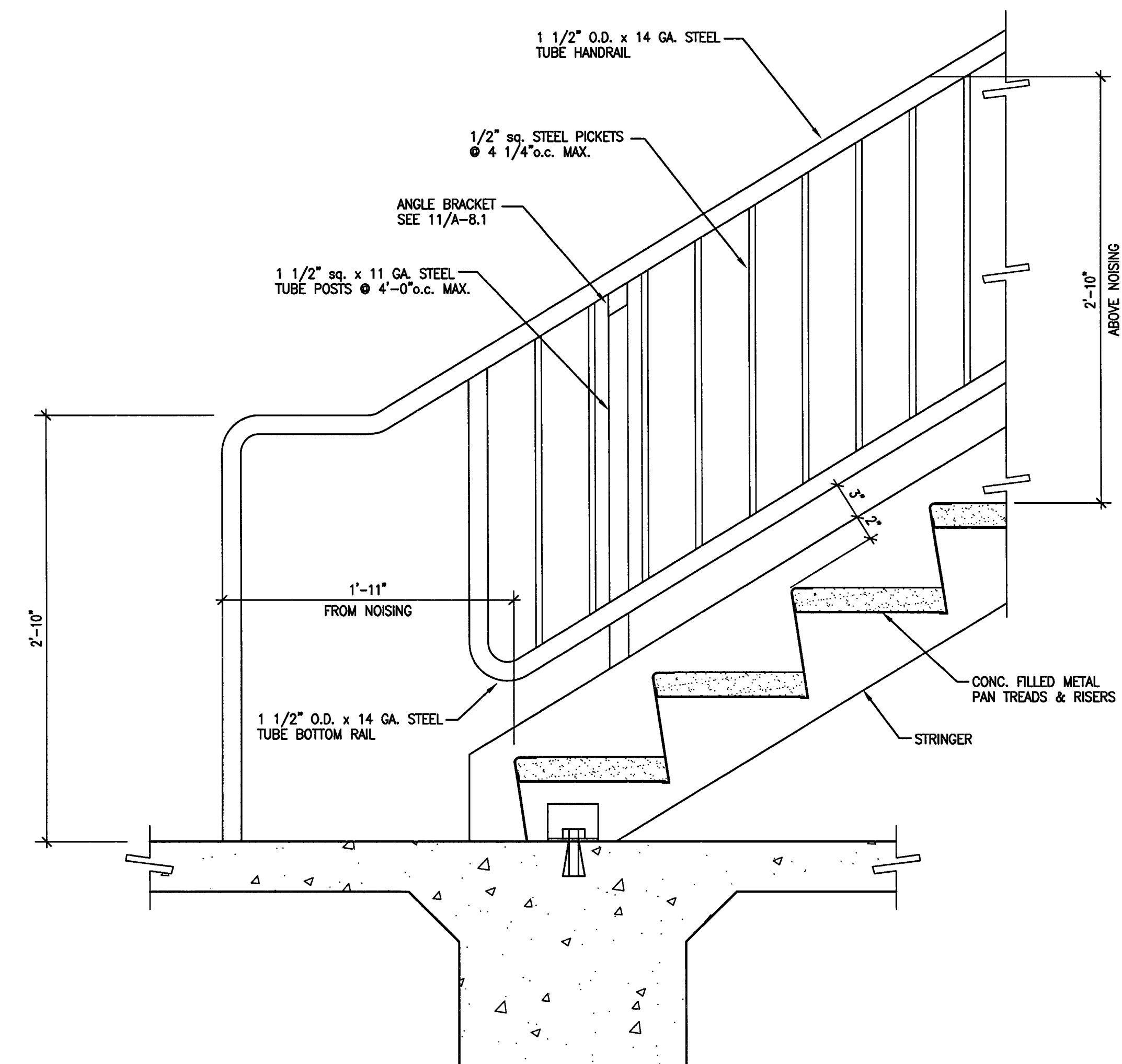
4 TYPICAL INSIDE HANDRAIL DETAIL  
 SCALE: 1 1/2" = 1'-0"



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



2 OUTSIDE HANDRAIL/GUARDRAIL DETAIL  
 SCALE: 1 1/2" = 1'-0"



1 INSIDE HANDRAIL DETAIL  
 SCALE: 1 1/2" = 1'-0"



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**HNA / Pacific**  
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 Rancho Palos Verdes, California 90275  
 310. 544. 6670

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**Jessen-Wright Structural Engineers**  
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 209. 931. 9650

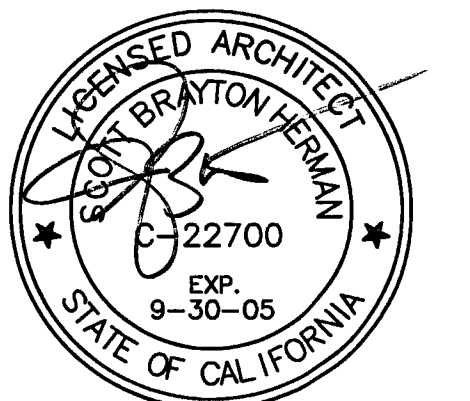
Electrical Designer - Design/Builder  
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 Stockton, California 95203  
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**CONST. DOCUMENTS**

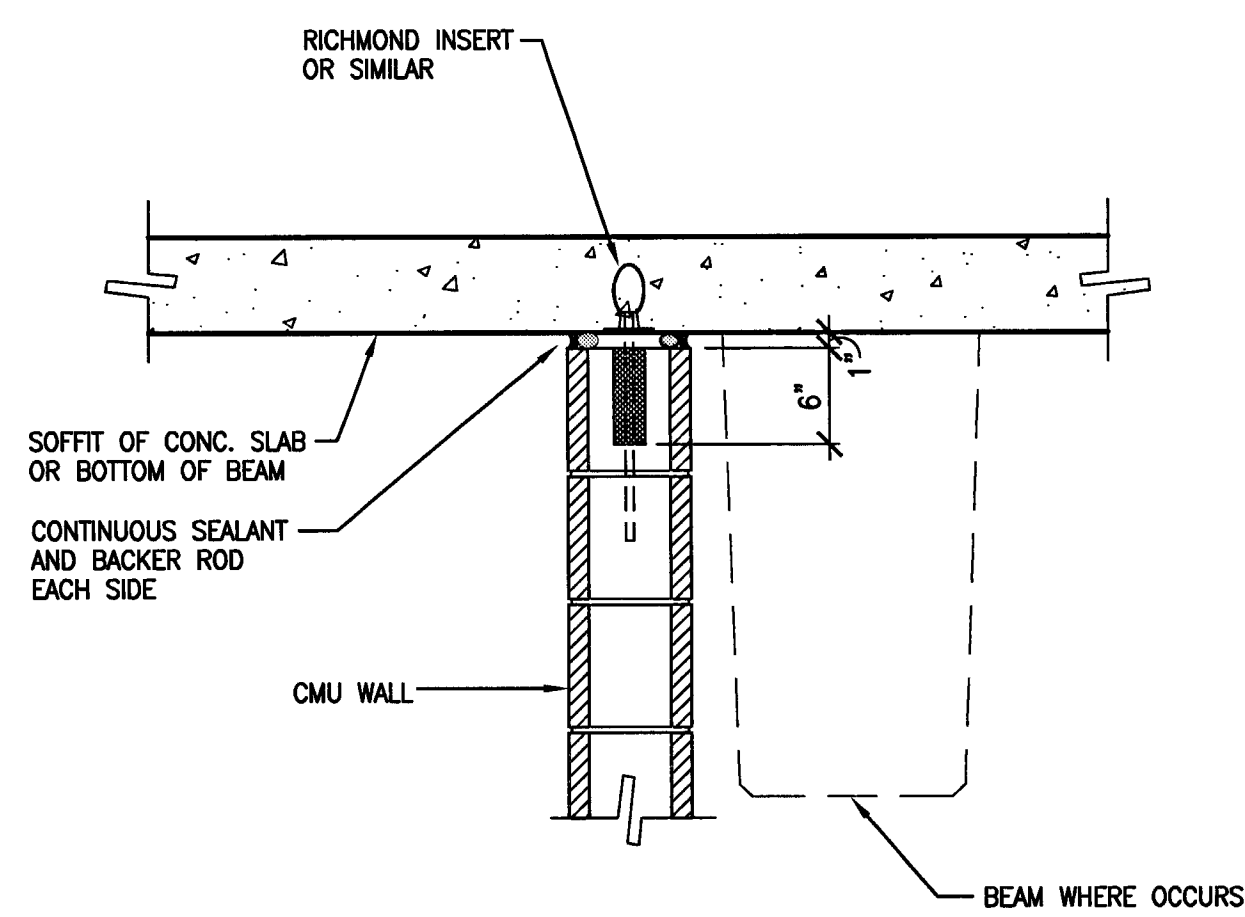
**REVISIONS:**

11/29/04	PLANCHHECK SET
3/11/05	PERMIT SET

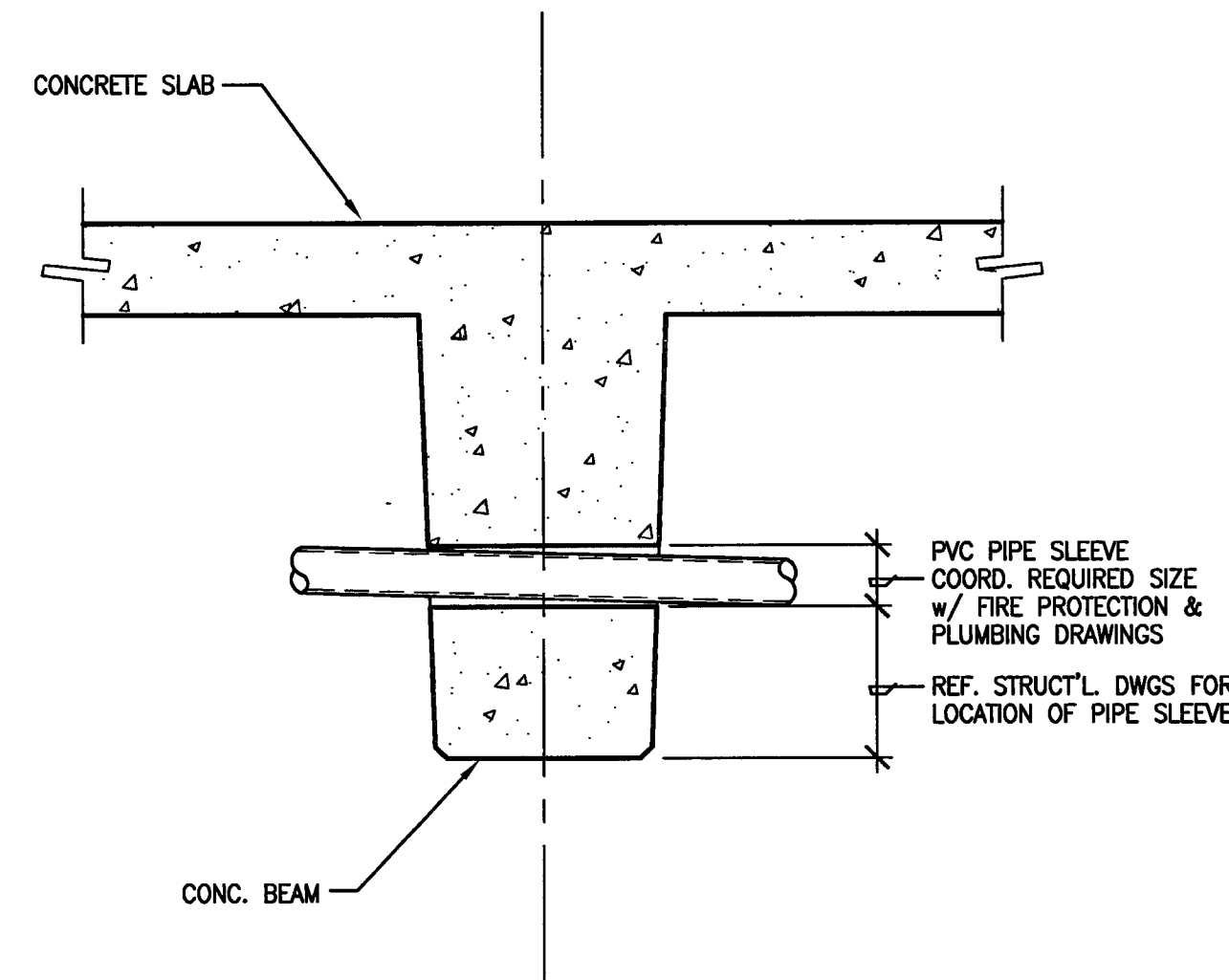


**SHEET TITLE**  
**TYPICAL DETAILS**

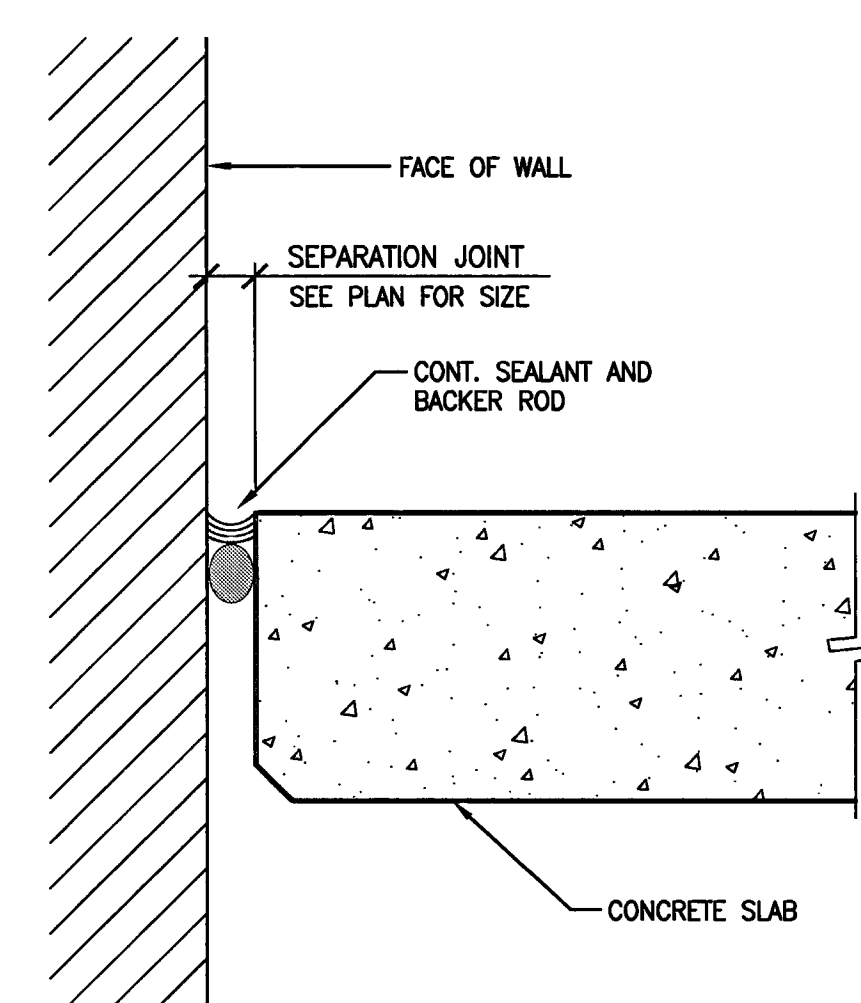
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DRAWN BY	SBH	CHECKED BY	SBH
DRAWING NO.	2319A-8-3	SHEET	
PROGRAM NO.		R-NO.	
DRAWING NO.	A-8.3		
PROJECT NO.	HNA 2319		



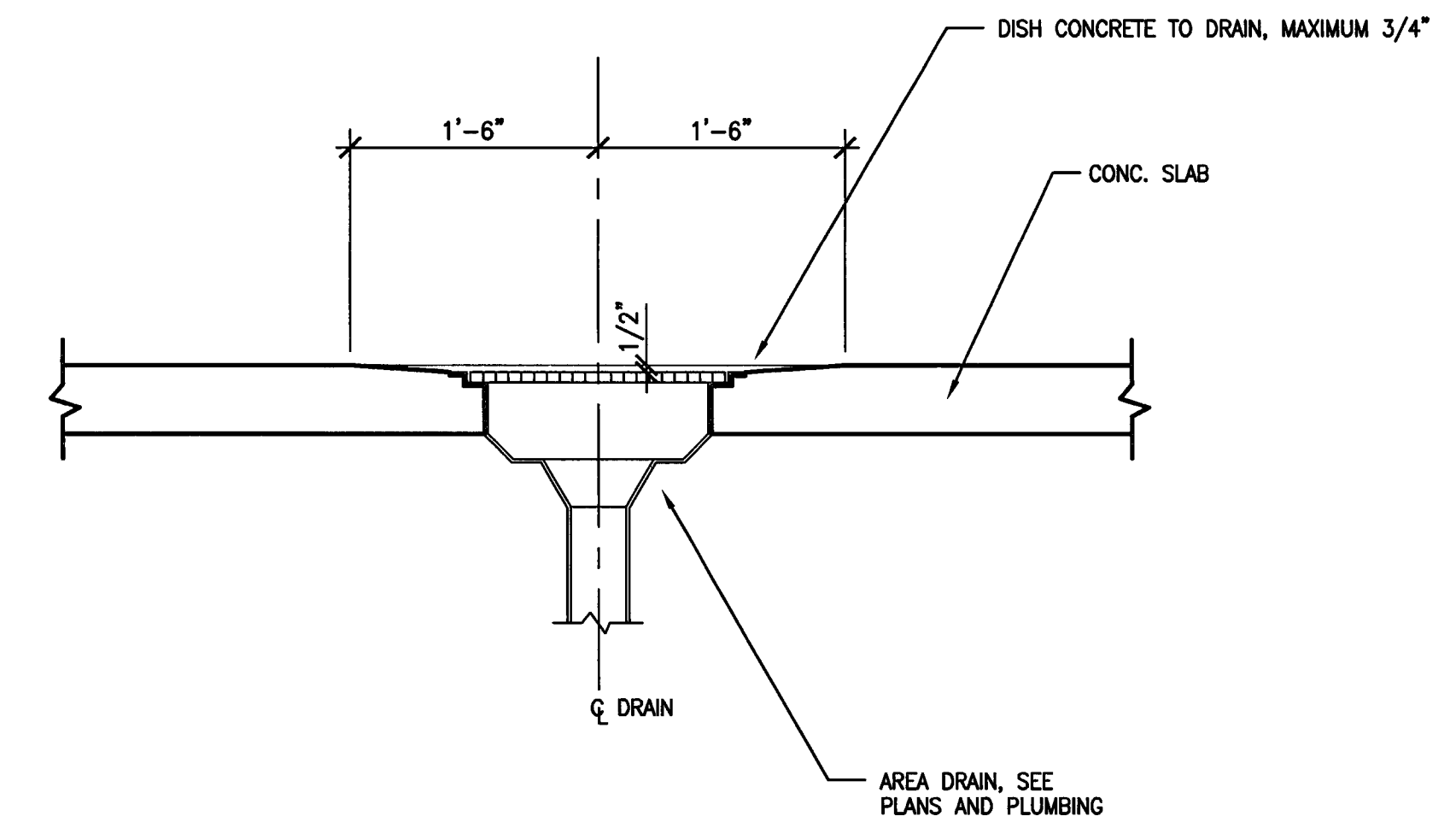
**7 WALL SUPPORT DETAIL**  
 SCALE: 1" = 1'-0"



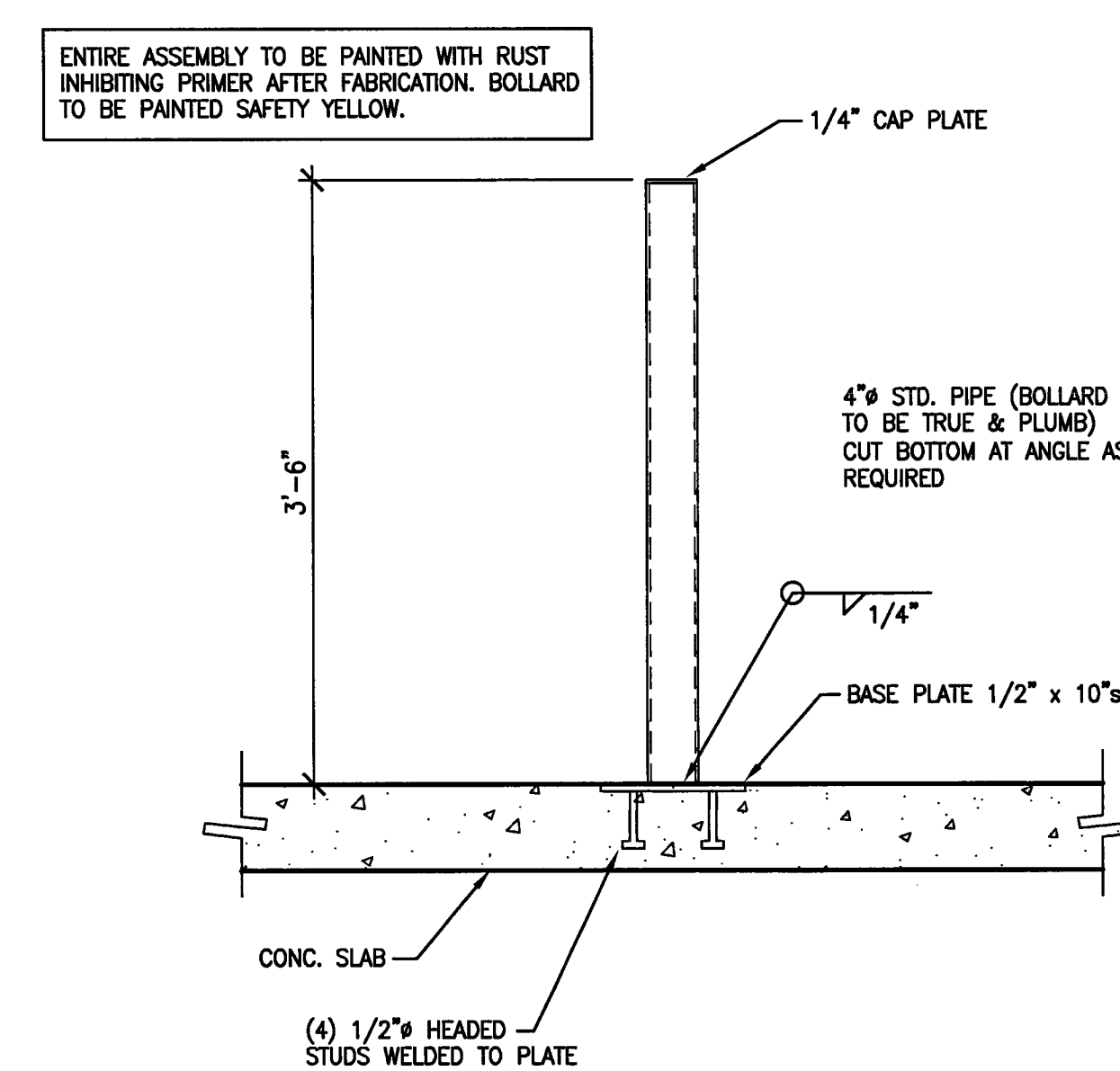
**6 PIPE SLEEVE THROUGH BEAM**  
 SCALE: 1" = 1'-0"



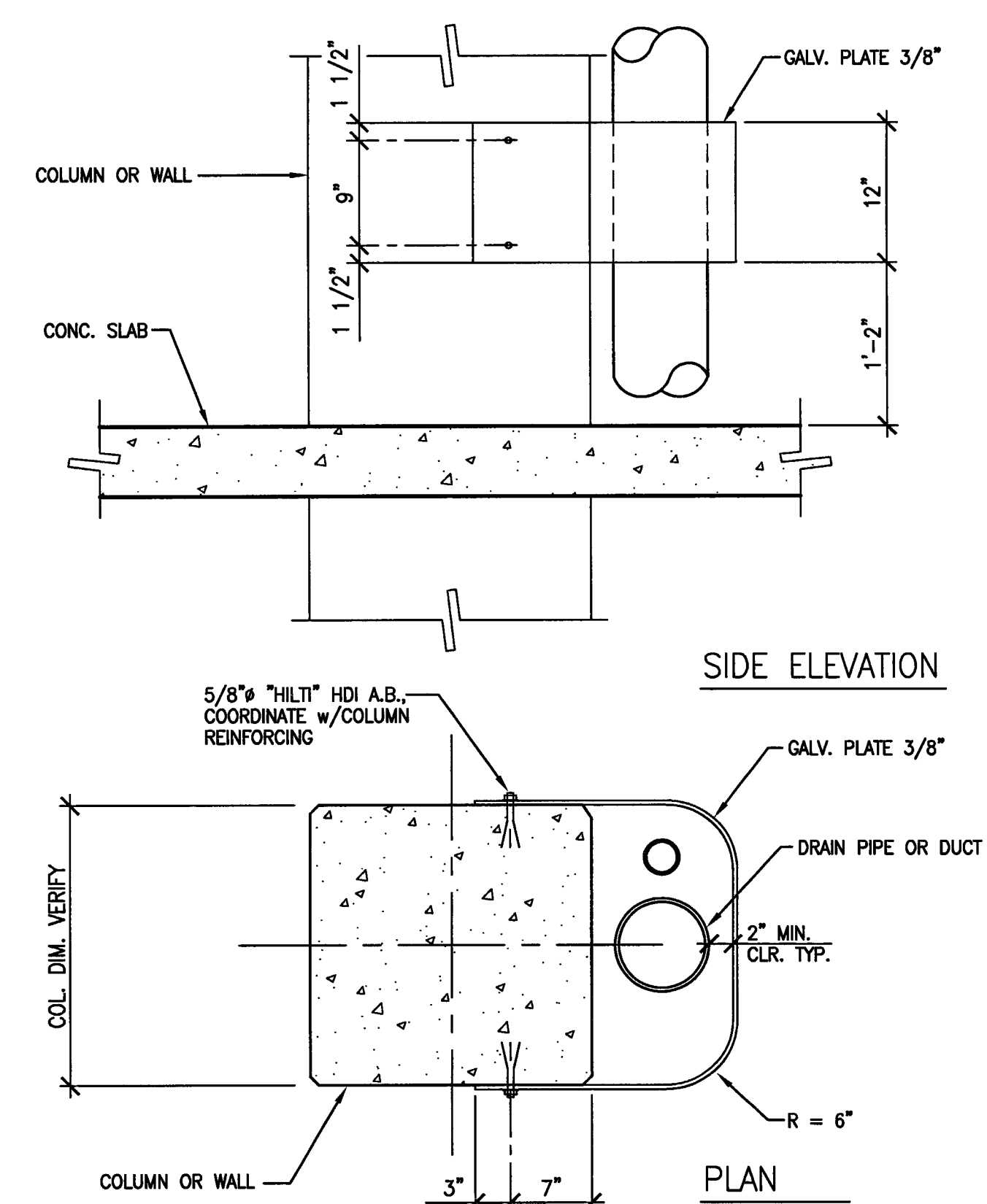
**5 SEPARATION JOINT DETAIL**  
 SCALE: 3" = 1'-0"



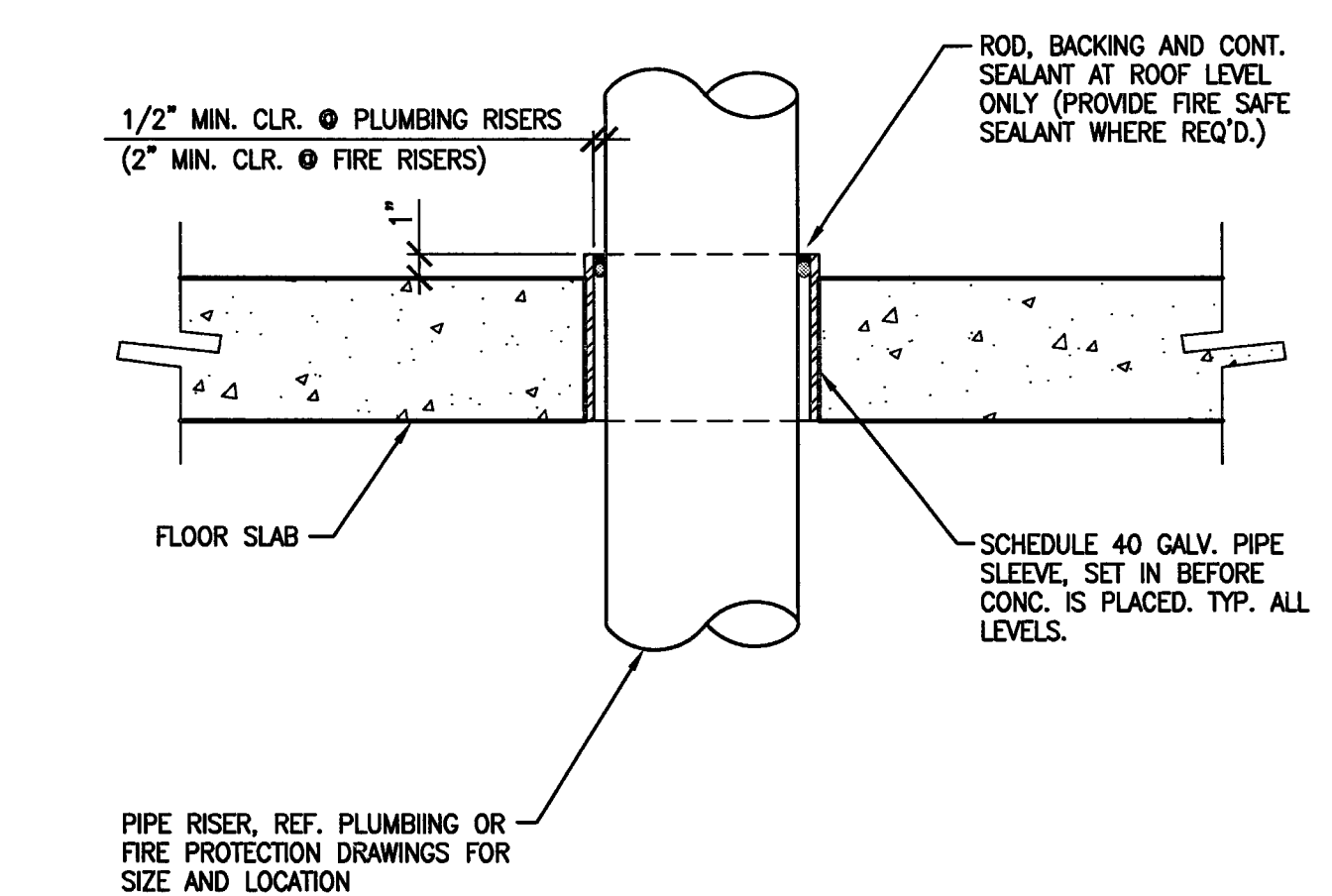
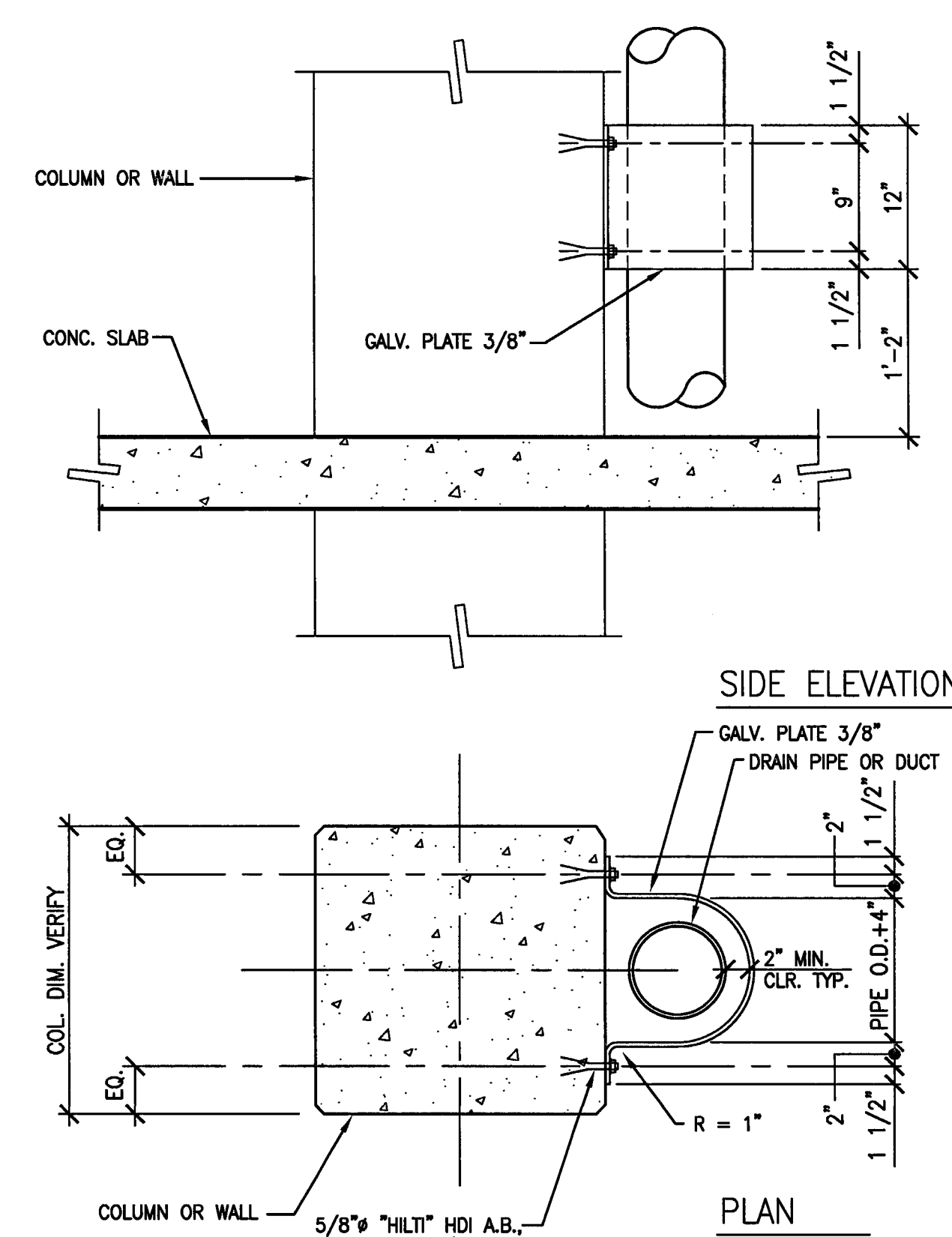
**4 AREA DRAIN**  
 SCALE: 1" = 1'-0"



**3 BOLLARD DETAIL**  
 SCALE: 1" = 1'-0"



**2 TYPICAL PIPE/DUCT GUARDS**  
 SCALE: 1" = 1'-0"



**1 TYPICAL PIPE SLEEVE @ SLAB**  
 SCALE: 1 1/2" = 1'-0"

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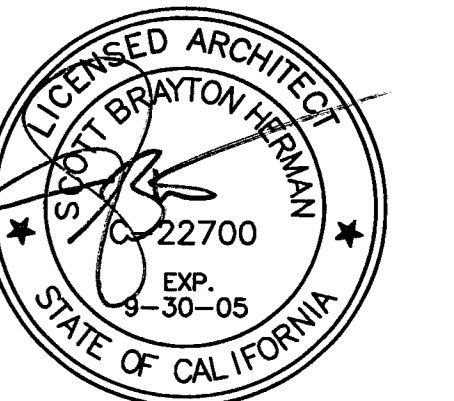
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3891

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Tumpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

**REVISIONS:**

11/29/04	PLANCHECK SET
3/11/05	PERMIT SET

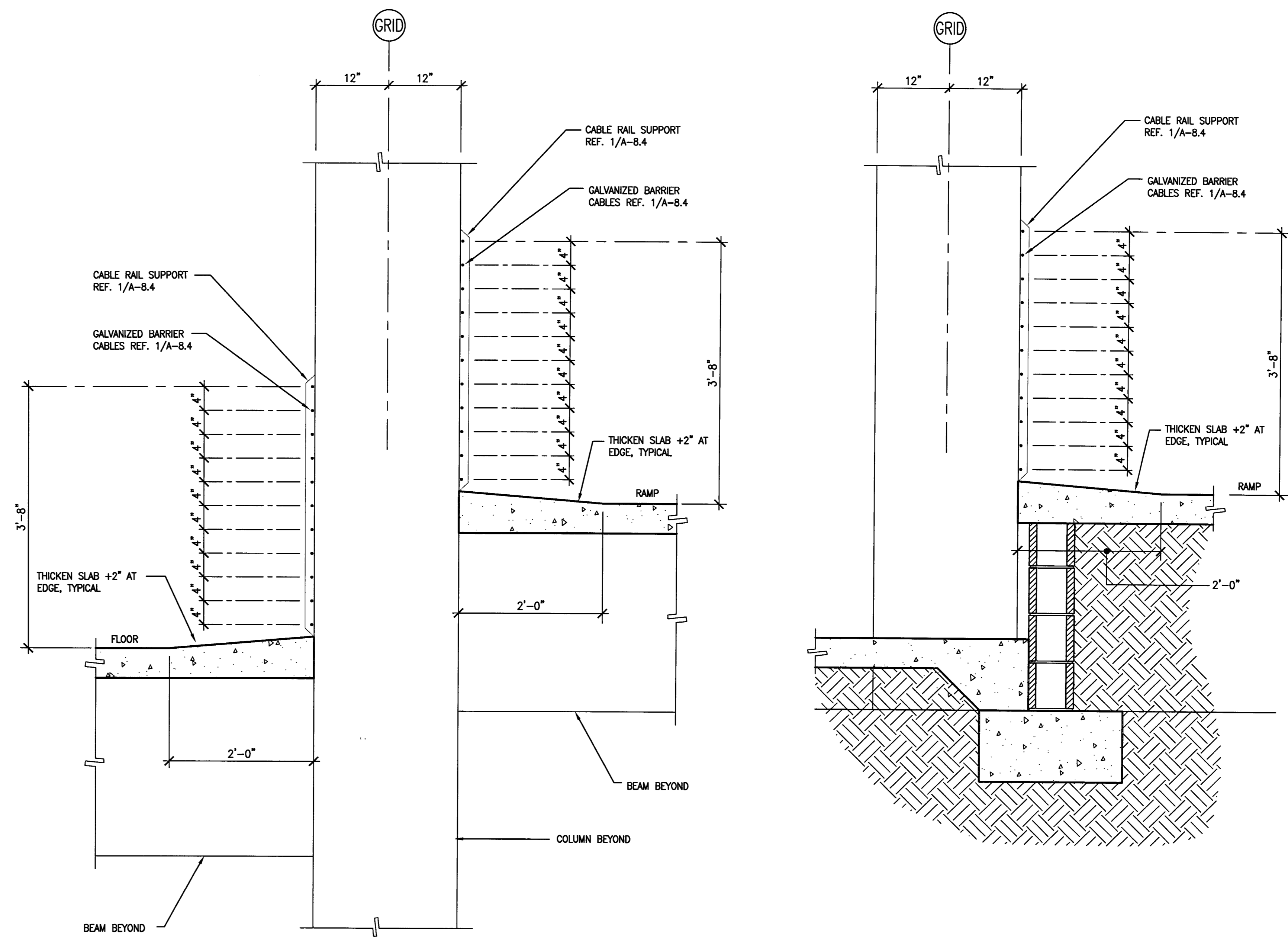


**SHEET TITLE**  
**BARRIER CABLE AND JOINT DETAILS**

DATE	SCALE
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DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2319A-8-4	
PROGRAM NO.	R-NO.

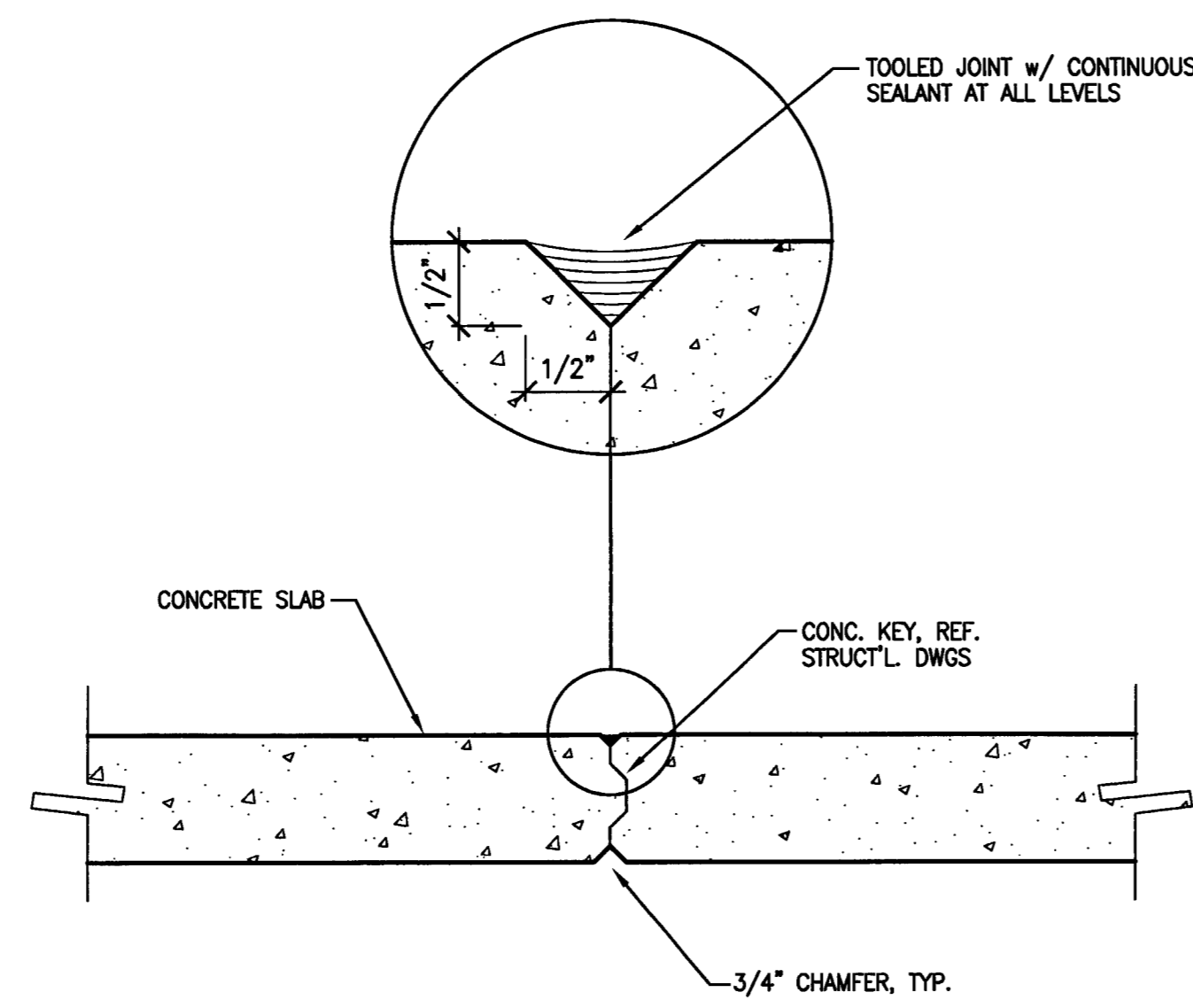
**DRAWING NO:**  
**A-8.4**

**PROJECT NO:**  
**HNA 2319**



**5** TYPICAL RAMP BARRIER CABLE DETAIL  
 SCALE: 1" = 1'-0"

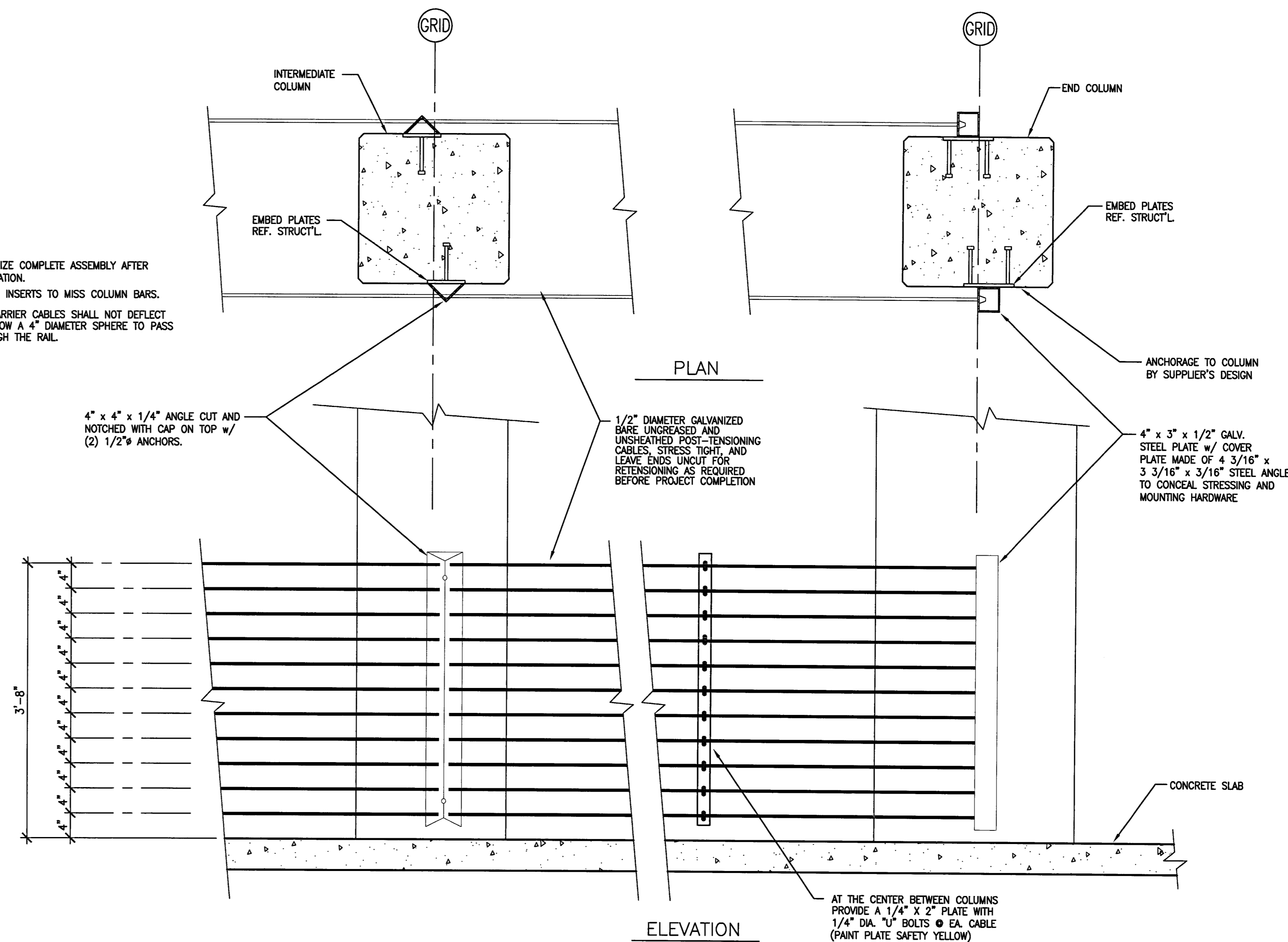
**4** TYPICAL RAMP BARRIER CABLE DETAIL  
 SCALE: 1" = 1'-0"



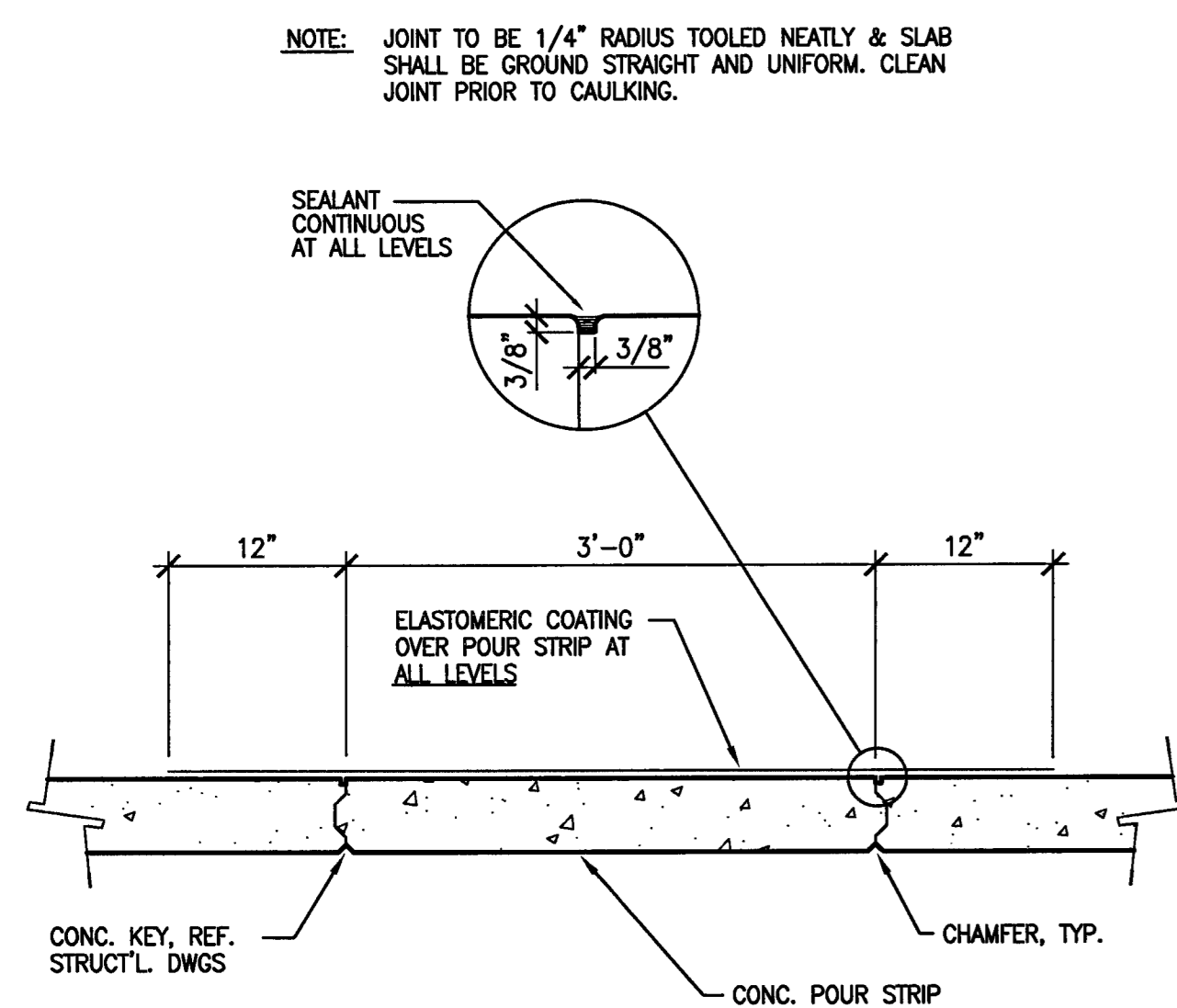
NOTE: JOINT SHALL BE TOOLED NEATLY & BE GROUND UNIFORMLY AND STRAIGHT. CLEAN THE JOINT BEFORE CAULKING

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

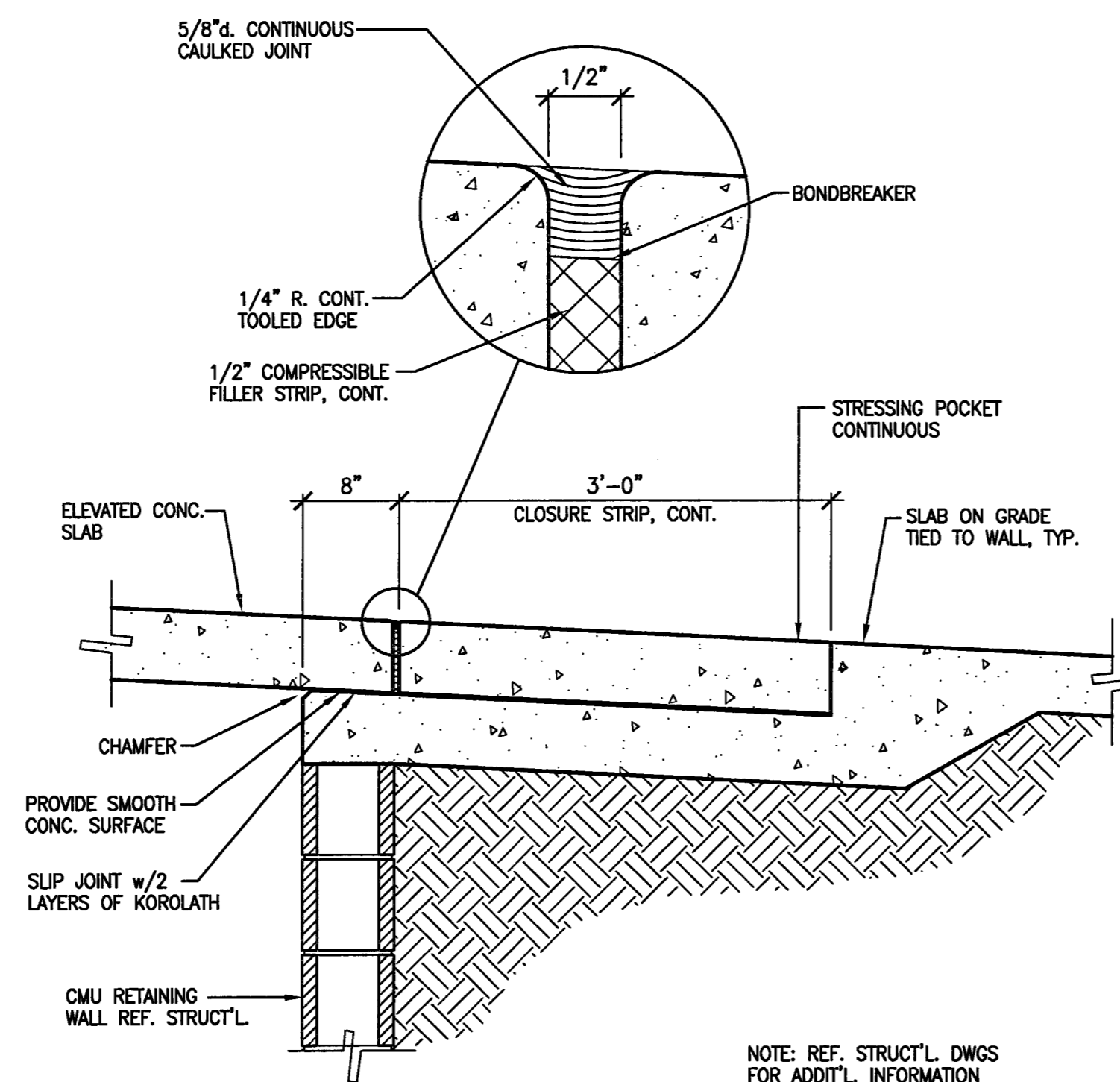
- NOTES:**
1. GALVANIZE COMPLETE ASSEMBLY AFTER FABRICATION.
  2. LOCATE INSERTS TO MISS COLUMN BARS.
  3. THE BARRIER CABLES SHALL NOT DEFLECT TO ALLOW A 4" DIAMETER SPHERE TO PASS THROUGH THE RAIL.



**1** TYPICAL RAMP BARRIER CABLE DETAIL  
 SCALE: 1" = 1'-0"



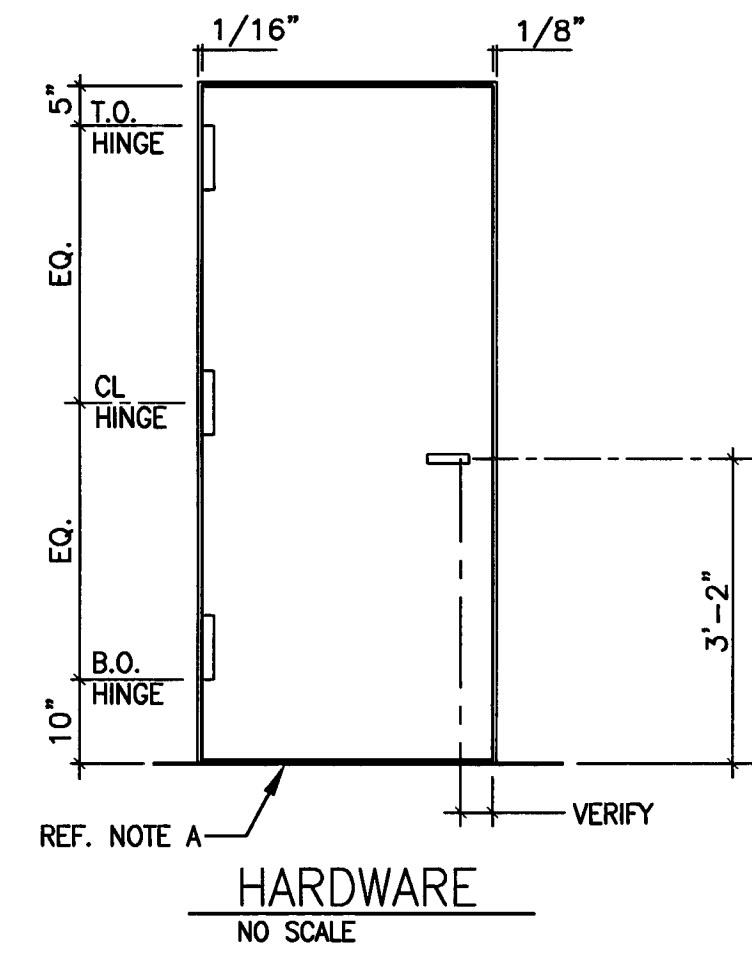
**3** CLOSURE STRIP DETAIL  
 SCALE: 1" = 1'-0"



**2** SEPARATION JOINT w/  
 POUR STRIP DETAIL  
 SCALE: 1" = 1'-0"

NOTE: REF. STRUCT'L DWGS FOR ADDIT'L INFORMATION

NOTES:  
 A. BOTTOM CLEARANCE- 1/2" TO FIN. FLR.  
 B. ALL HARDWARE LOCATIONS TO CONFORM TO 1990 ADA AND CSC CHAPTER 11  
 C. PROVIDE 1/8" CLEARANCE BETWEEN EACH DOOR IN PAIR ARRANGEMENT

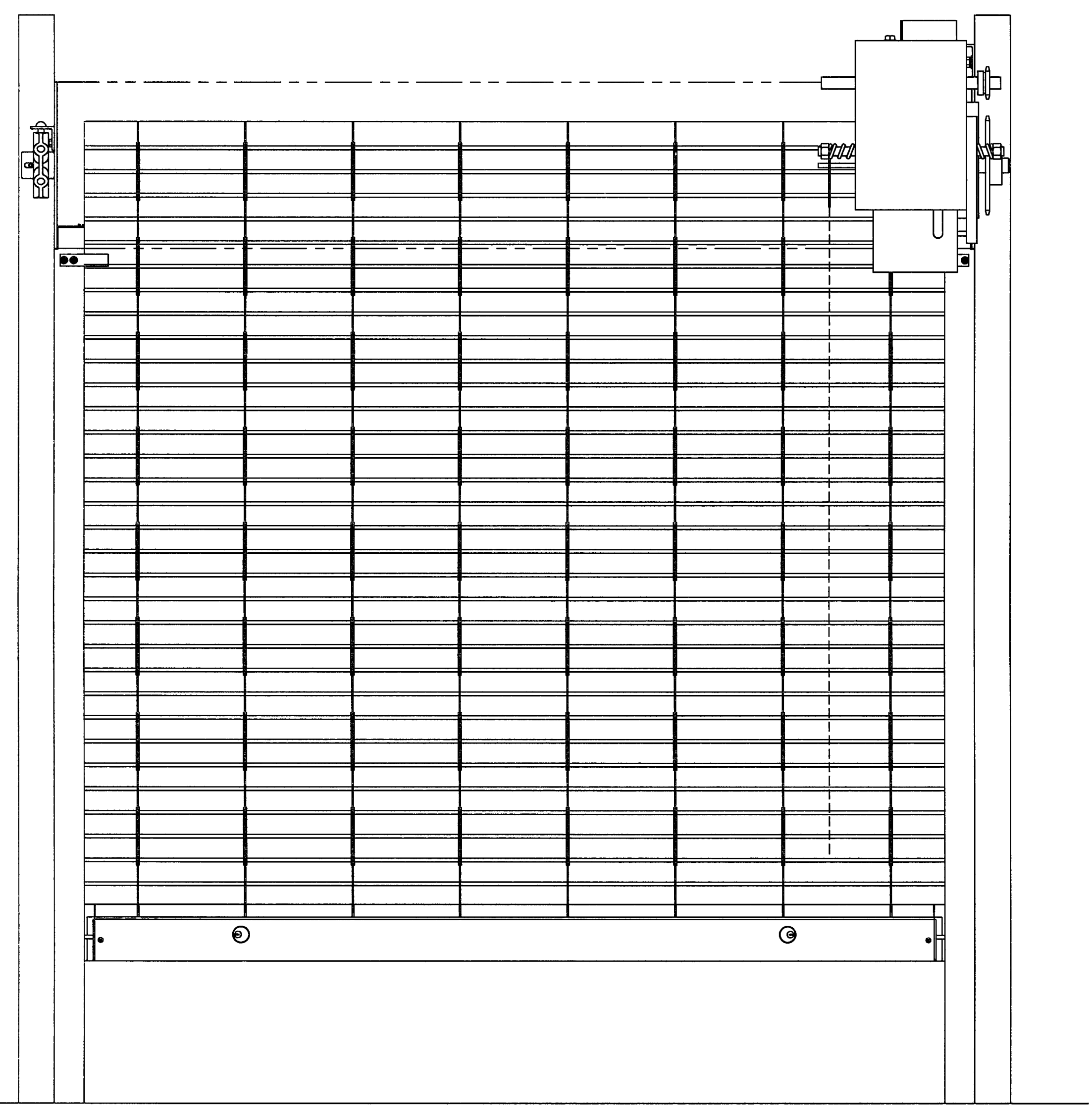


LEVEL	LOCATION	DOOR NO.	TYPE	DOOR			FRAME			LOUVER	CLOSER	FIRE RATING HRS.	SILL DET.	HARDWARE TYPE	WALL TYPE	REMARKS
				MAT'L	DOOR SIZE	THICK.	MAT'L	DETAIL	JAMB							
P-1	STORAGE ROOM	PS-1	B	H.M.	PAIR 3'-0" X 7'-0"	1 3/4"	H.M.	2/A-8.5	3/A-8.5	NO	YES	1 HOUR		LEVER*	8" CMU	DOOR AND FRAME SHALL BE MINIMUM 16 GAUGE STEEL
P-1	STORAGE ROOM	PS-2	B	H.M.	3'-0" X 7'-0"	1 3/4"	H.M.	2/A-8.5	3/A-8.5	NO	YES	1 HOUR		LEVER*	8" CMU	DOOR AND FRAME SHALL BE MINIMUM 16 GAUGE STEEL
P-1	ELECTRICAL ROOM	PS-3	B	H.M.	3'-0" X 7'-0"	1 3/4"	H.M.	2/A-8.5	3/A-8.5	YES	YES	NONE		LEVER*	8" CMU	DOOR AND FRAME SHALL BE MINIMUM 16 GAUGE STEEL
P-1	EXIT CORRIDOR	PS-4	B	H.M.	3'-0" X 7'-0"	1 3/4"	H.M.	2/A-8.5	3/A-8.5	YES	YES	1 1/2 HOURS		LEVER*	8" CMU	DOOR AND FRAME SHALL BE MINIMUM 16 GAUGE STEEL
P-1	COMMERICAL SPACE	PS-5	B	H.M.	3'-0" X 7'-0"	1 3/4"	H.M.	2/A-8.5	3/A-8.5	NO	YES	1 1/2 HOURS		LEVER*	8" CMU	DOOR AND FRAME SHALL BE MINIMUM 16 GAUGE STEEL
P-1	COMMERICAL SPACE	PS-6	B	H.M.	3'-0" X 7'-0"	1 3/4"	H.M.	2/A-8.5	3/A-8.5	NO	YES	1 1/2 HOURS		LEVER*	8" CMU	DOOR AND FRAME SHALL BE MINIMUM 16 GAUGE STEEL
P-1	COMMERICAL SPACE	PS-7	B	H.M.	3'-0" X 7'-0"	1 3/4"	H.M.	2/A-8.5	3/A-8.5	NO	YES	1 1/2 HOURS		LEVER*	8" CMU	DOOR AND FRAME SHALL BE MINIMUM 16 GAUGE STEEL
P-1	COMMERICAL SPACE	PS-8	B	H.M.	3'-0" X 7'-0"	1 3/4"	H.M.	2/A-8.5	3/A-8.5	NO	YES	1 1/2 HOURS		LEVER*	8" CMU	DOOR AND FRAME SHALL BE MINIMUM 16 GAUGE STEEL
P-6	ELEV. CONTR. ROOM	PS-9	B	H.M.	3'-6" X 7'-0"	1 3/4"	H.M.	-	-	YES	YES	NONE		LEVER*	STUD	DOOR AND FRAME SHALL BE MINIMUM 16 GAUGE STEEL
P-6	ELEV. CONTR. ROOM	PS-10	B	H.M.	3'-6" X 7'-0"	1 3/4"	H.M.	-	-	YES	YES	NONE		LEVER*	STUD	DOOR AND FRAME SHALL BE MINIMUM 16 GAUGE STEEL

\*HARDWARE TO BE CITY OF STOCKTON POLICE DEPARTMENT APPROVED MORTISE DEADBOLT LOCK

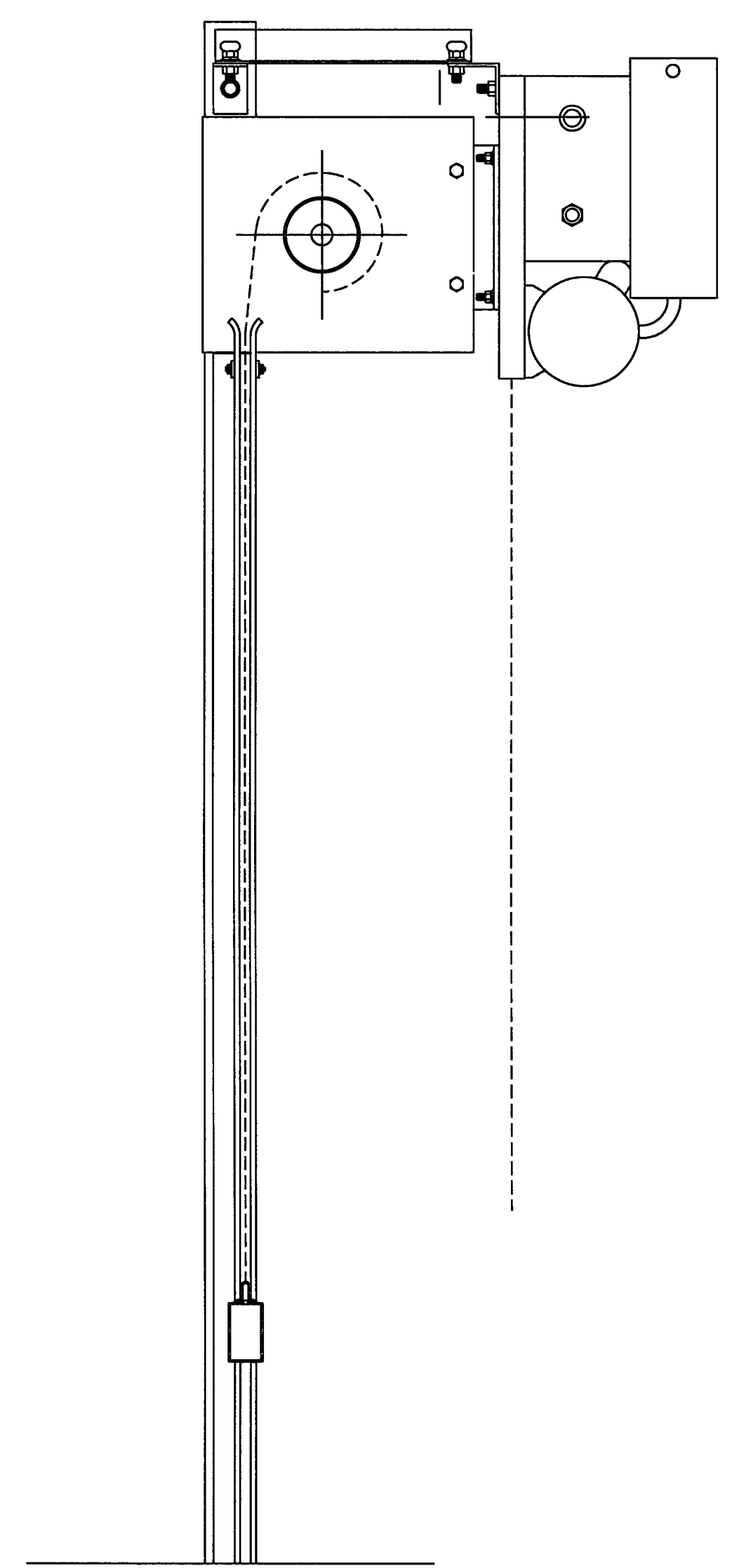
7 DOOR HARDWARE MOUNTING  
 A-8.5 SCALE: 1/2" = 1'-0"

6 DOOR SCHEDULE  
 A-8.5 SCALE: NO SCALE

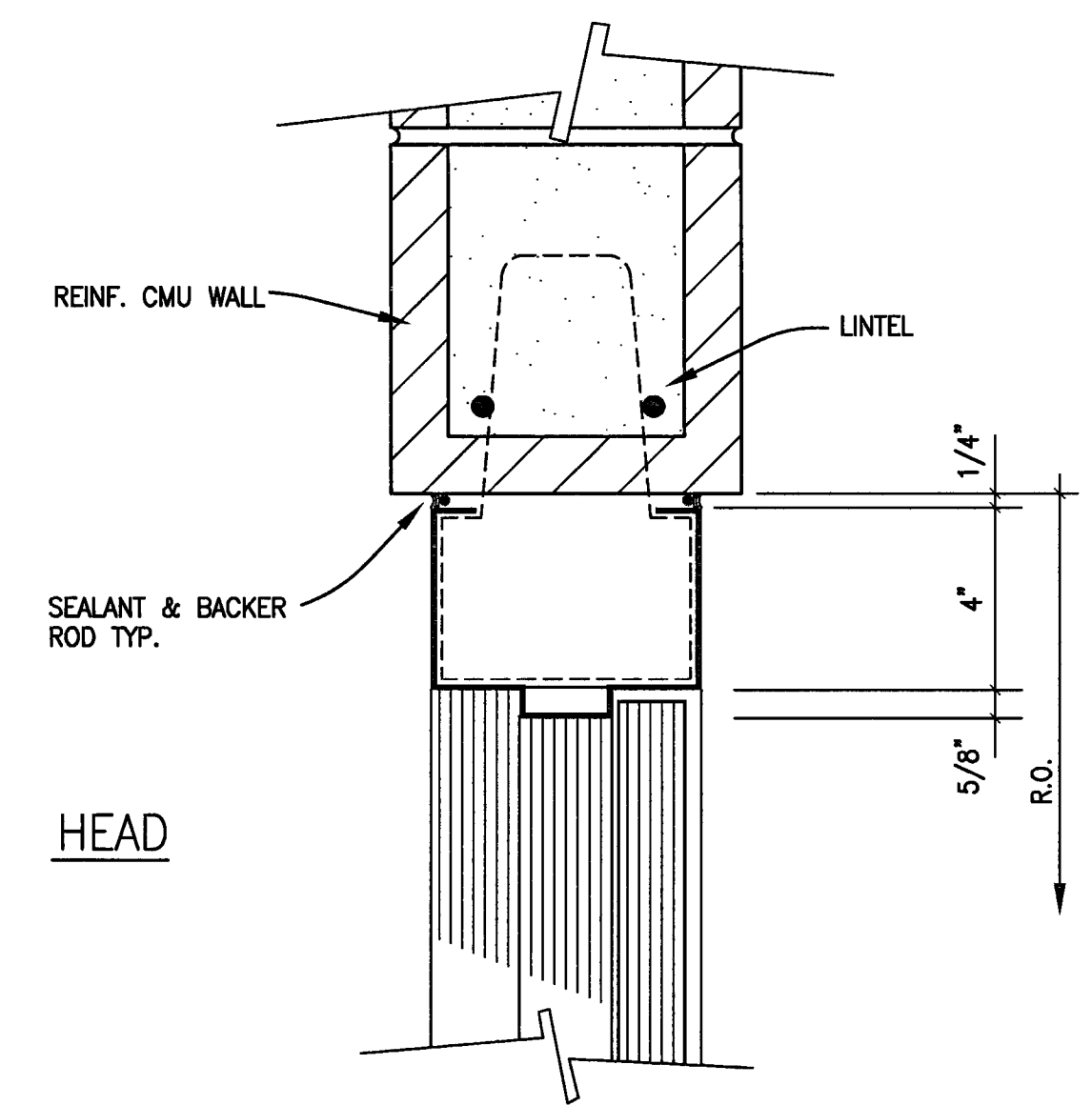


ELEVATION - COIL SIDE

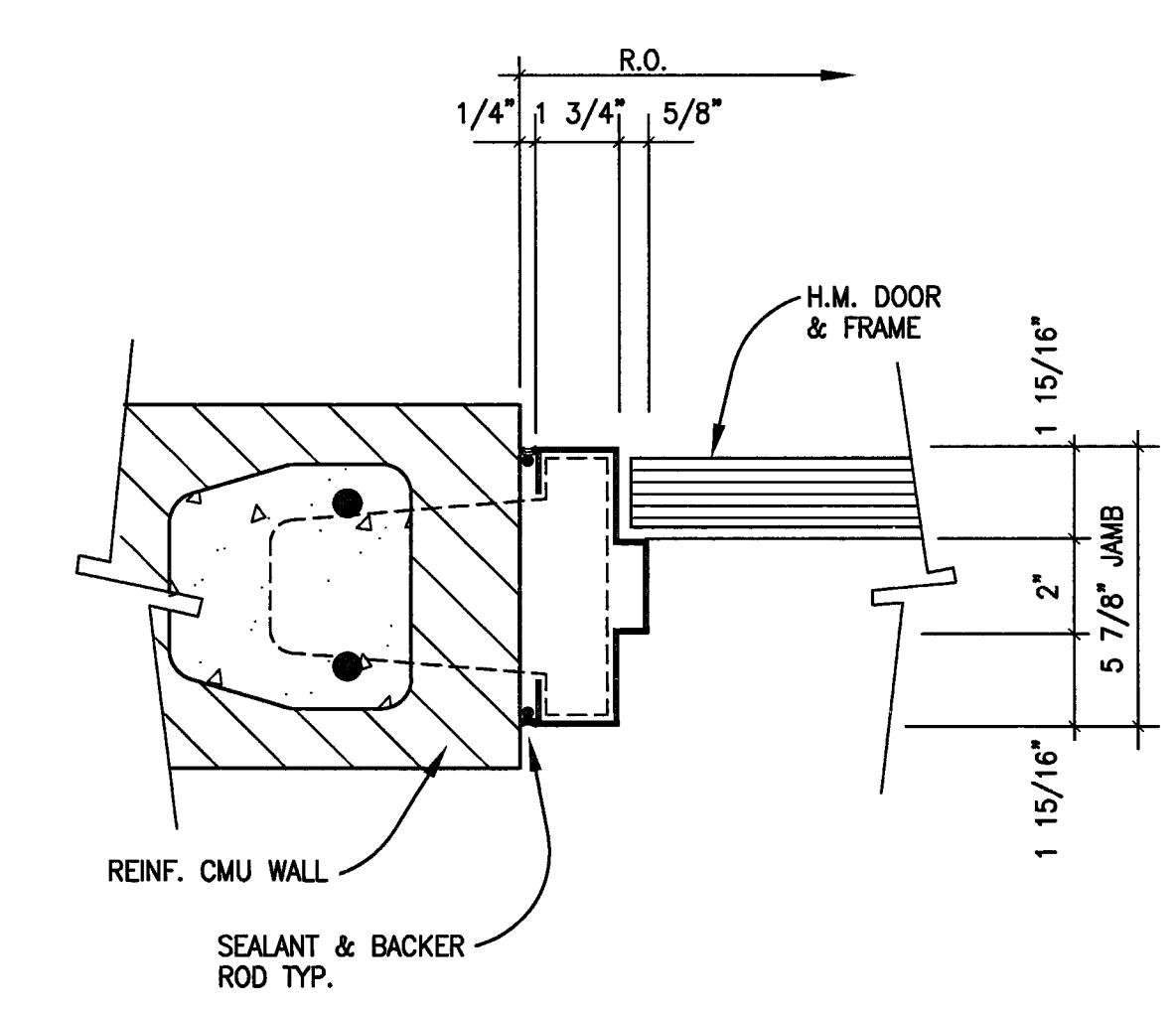
5 ROLL DOWN VEHICULAR GRILLE  
 A-8.5 SCALE: NO SCALE



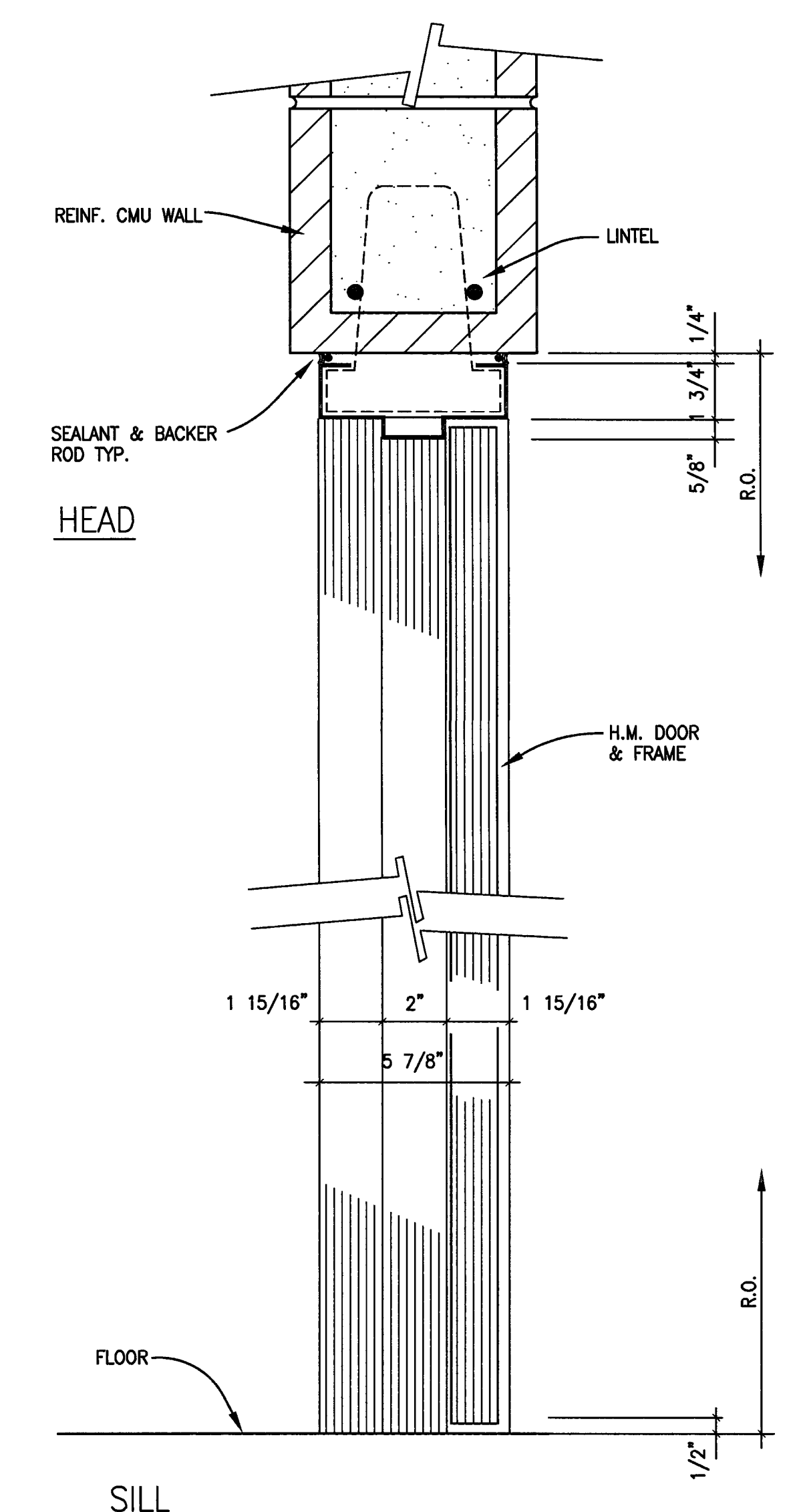
SECTION



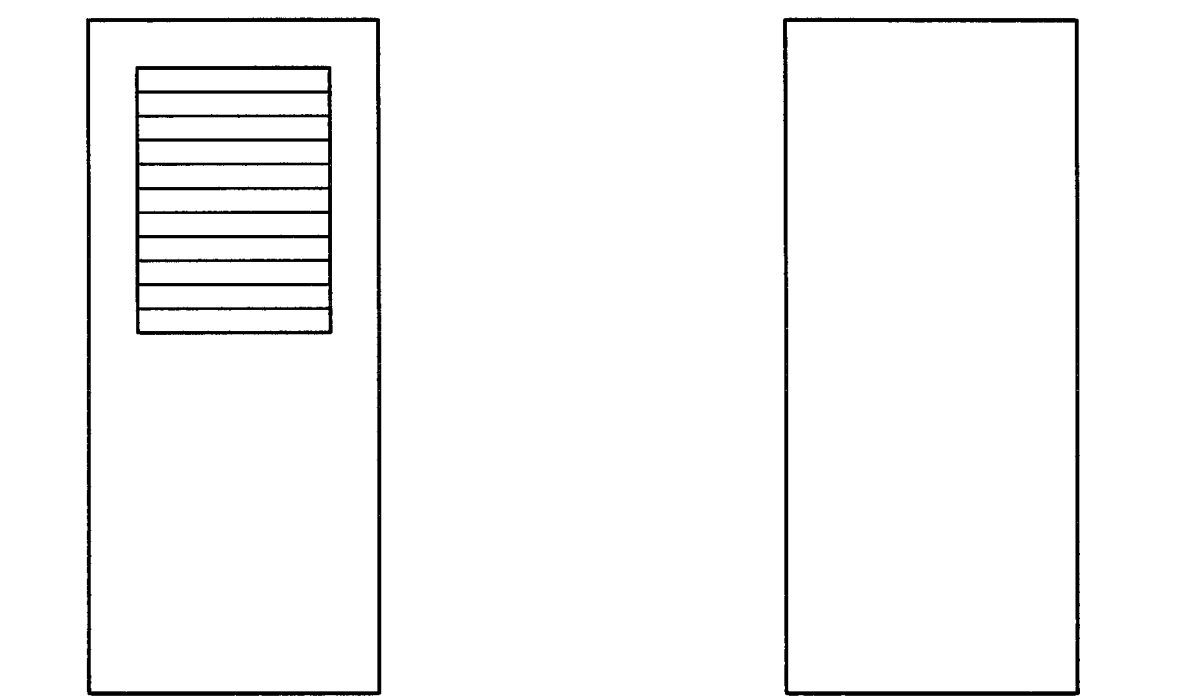
4 ALTERNATE DOOR HEAD  
 A-8.5 SCALE: 3" = 1'-0"



3 H.M. DOOR JAMB  
 A-8.5 SCALE: 3" = 1'-0"



2 H.M. DOOR DETAILS  
 A-8.5 SCALE: 3" = 1'-0"



(B) SINGLE HALF LOUVER DOOR (A) SINGLE FLUSH METAL DOOR

1 DOOR TYPES  
 A-8.5 SCALE: 1/2" = 1'-0"

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 HRM Plumbing  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

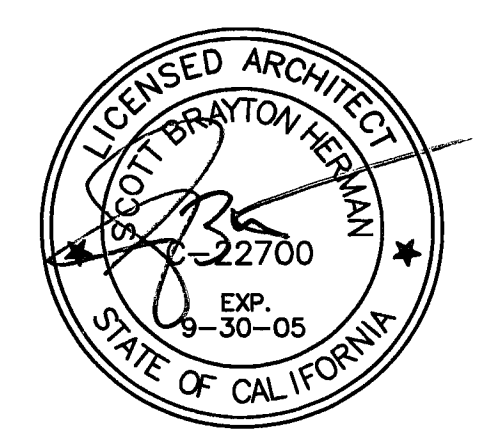
Electrical Designer - Design/Builder  
 Collins Electrical  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
 Comfort Air  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

CONST. DOCUMENTS

REVISIONS:

11/29/04	PLANCHECK SET
3/11/05	PERMIT SET



SHEET TITLE  
**DOOR DETAILS AND DOOR SCHEDULE**

DATE	SCALE
29. NOV. 2004	AS NOTED
DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2319A-8-5	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-8.5**

PROJECT NO:  
 HNA 2319

# CITY OF STOCKTON EDMUND S. 'ED' COY PARKING STRUCTURE

STOCKTON, CALIFORNIA

OWNER:  
City of Stockton

DESIGN BUILDER:  
F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
208.931.3738

CONSULTANTS:  
Architect - Planning Consultant  
HNA / Pacific  
61 Sea Breeze Avenue  
Rancho Palms Verdes, California 90275  
310.544.8670  
Design Architect  
Wentz Mattheis Bowe  
246 E. Main Street  
Stockton, California 95202  
208.944.9110  
Structural Engineer  
Jessen-Wright Structural Engineers  
113 West 8th Avenue, Suite A  
Chico, California 95926  
530.894.5345

Civil Engineer  
Siegfried Engineering, Inc.  
4045 Coronado Avenue  
Stockton, California 95204  
208.943.2021

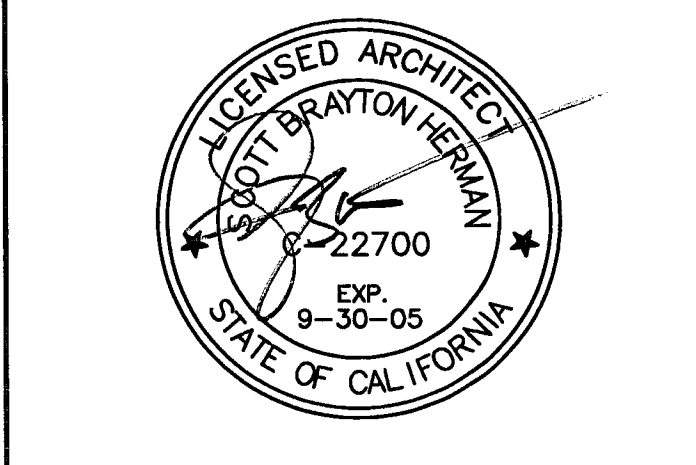
Plumbing Designer - Design/Builder  
FRM Plumbing  
3650 Wilcox Road  
Stockton, California 95215  
208.931.9650

Electrical Designer - Design/Builder  
Collins Electrical  
611 W. Fremont Street  
Stockton, California 95203  
208.466.3691

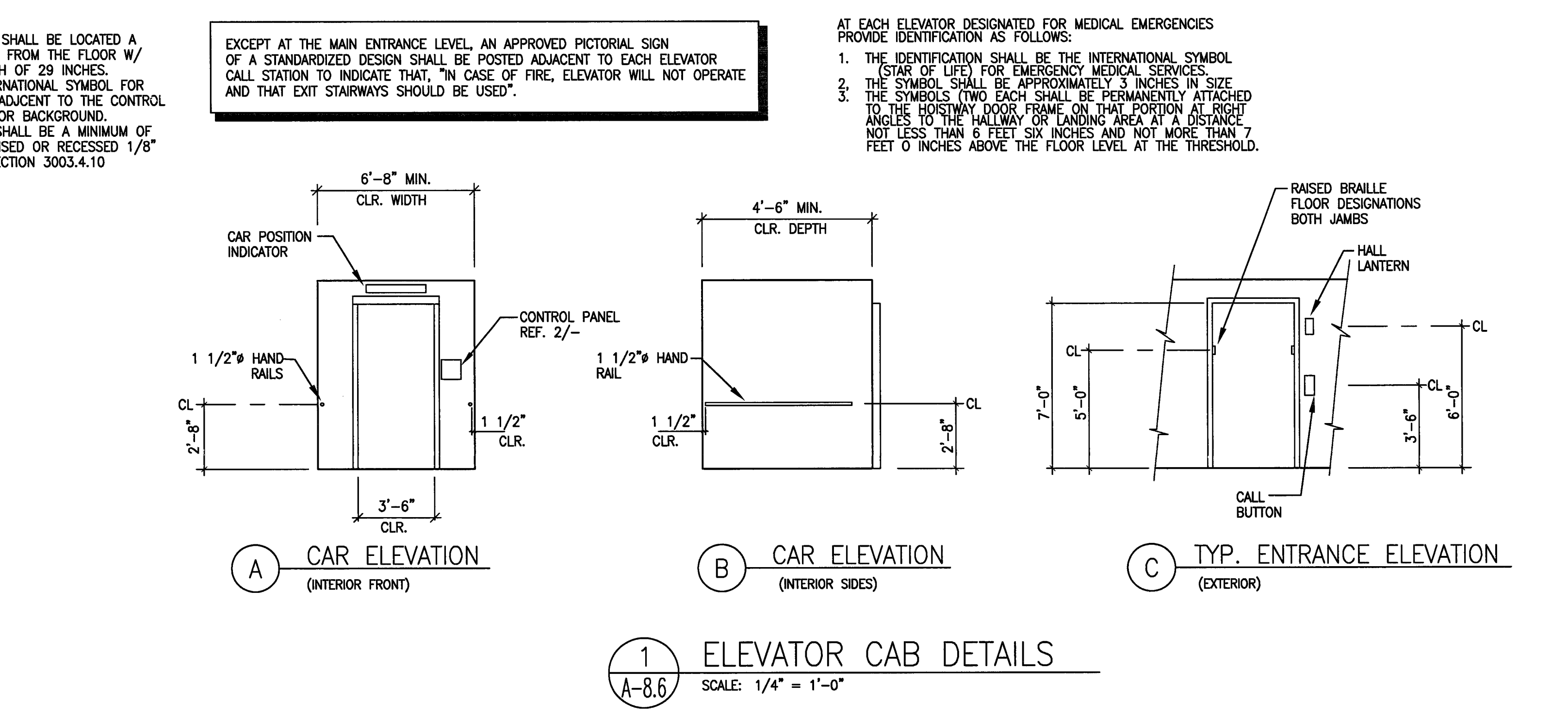
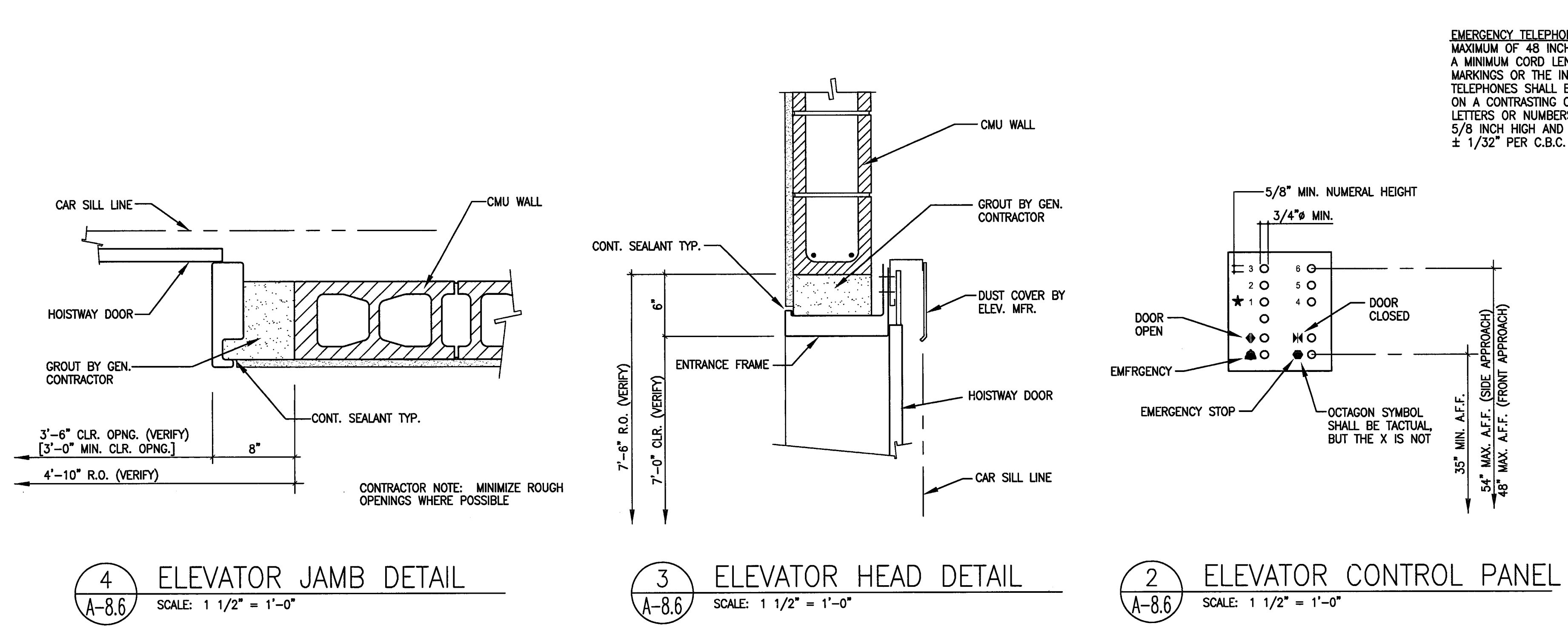
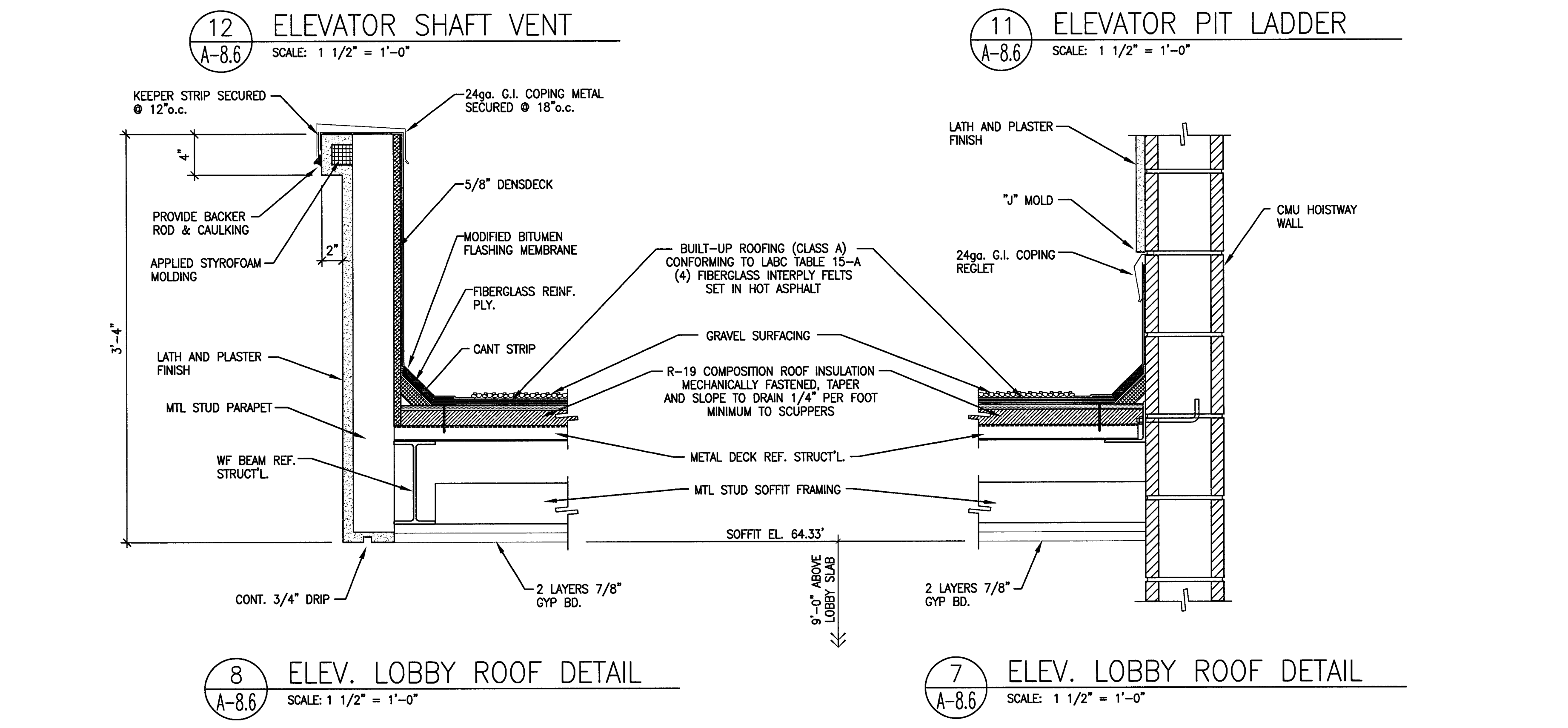
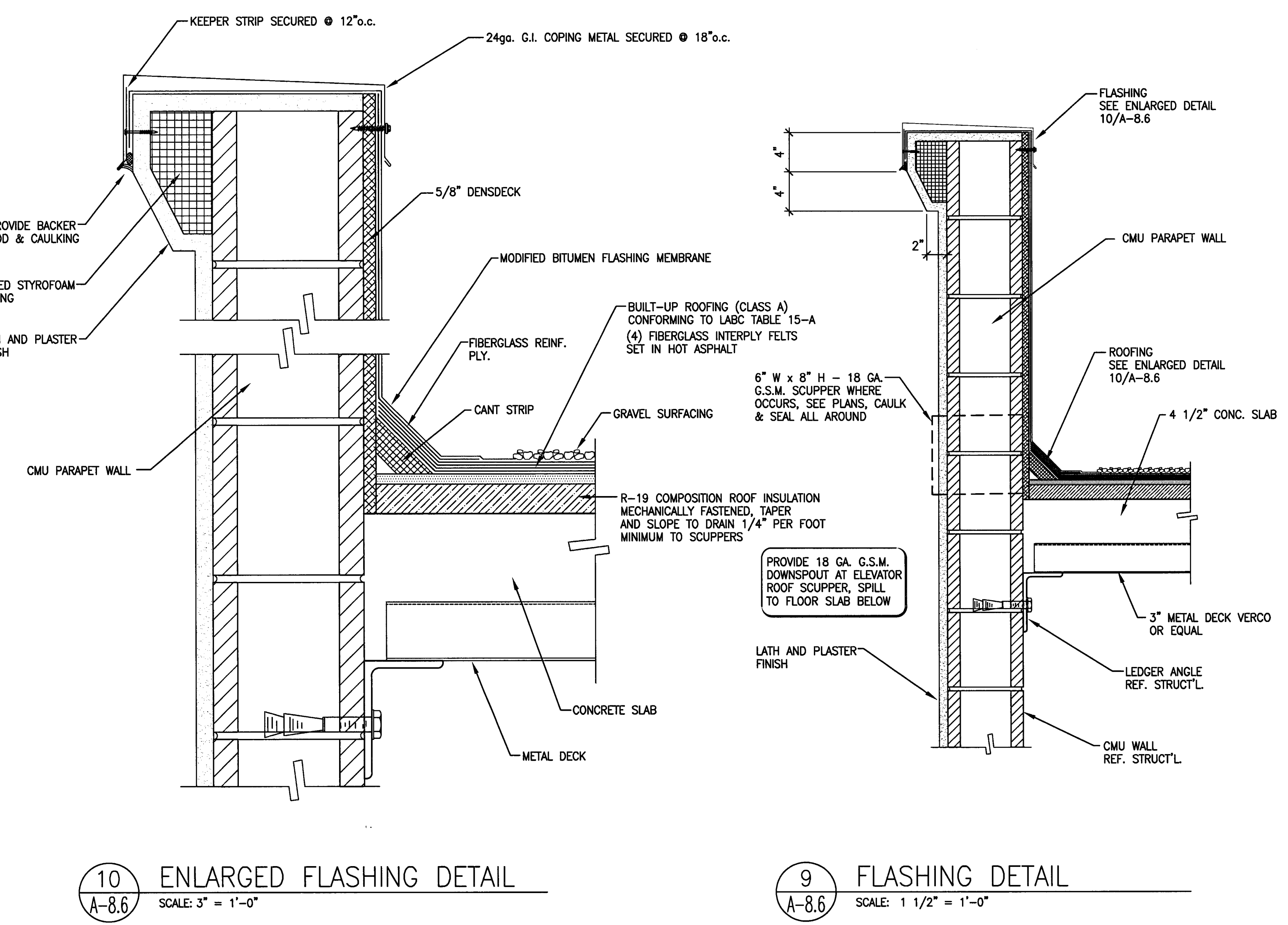
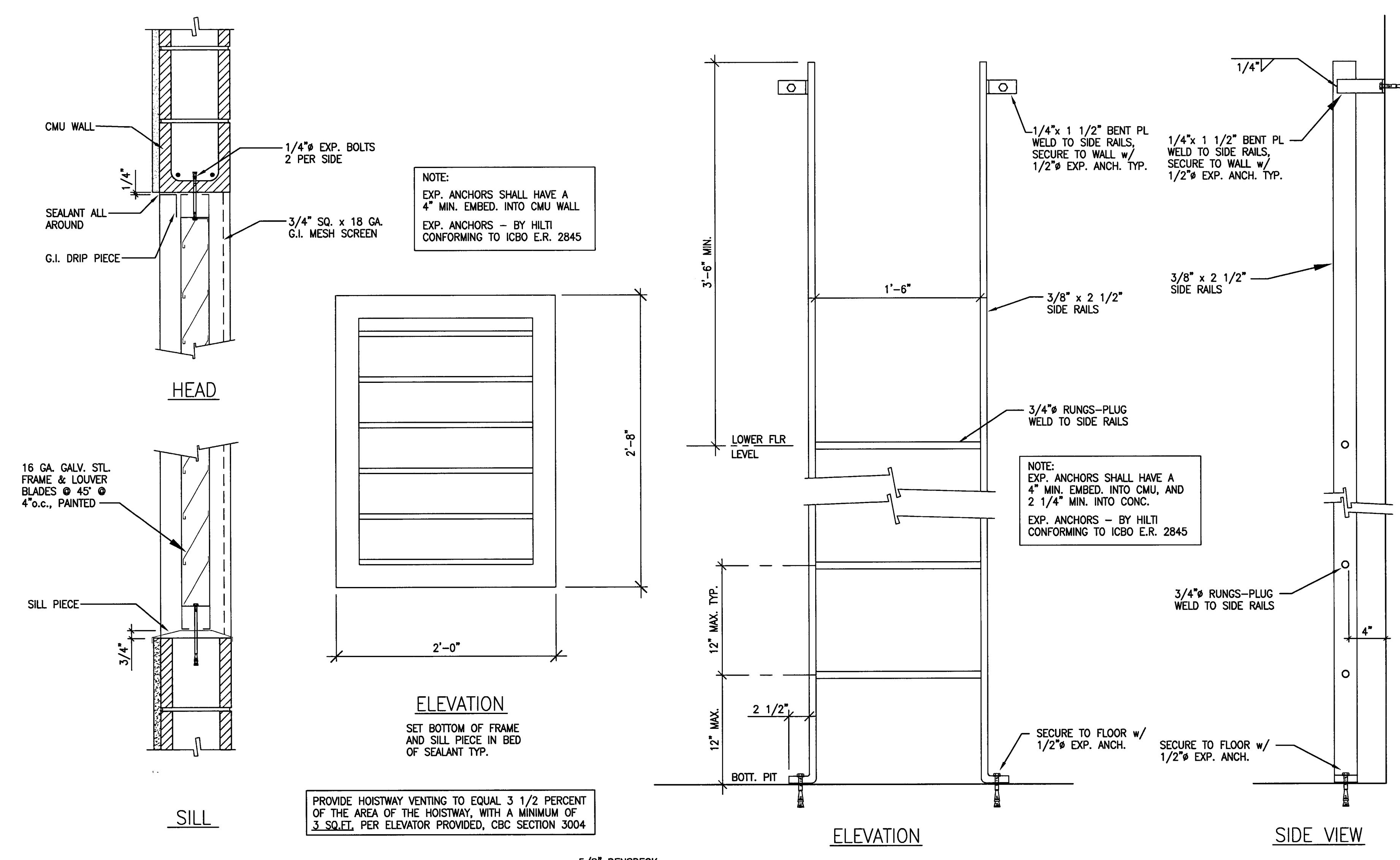
Mechanical Designer - Design/Builder  
Comfort Air  
1607 Turlock Road  
Stockton, California 95201  
208.466.4601

## CONST. DOCUMENTS

REVISIONS:	
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



SHEET TITLE	
<b>TYPICAL ELEVATOR DETAILS</b>	
DATE 28, NOV. 2004	SCALE 1 1/2" = 1'-0"
DRAWN BY ACL/SBH	CHECKED BY SBH
DRAWING NO. 2319A-8.6	SHEET
PROGRAM NO.	R-NO.
DRAWING NO: <b>A-8.6</b>	
PROJECT NO: HNA 2319	



**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
 City of Stockton

**DESIGN BUILDER:**  
 F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

**CONSULTANTS:**  
 Architect - Planning Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 8670

Design Architect  
**Warrell Matthews Bowe**  
 246 E. Main Street  
 Stockton, California 95204  
 209. 944. 9110

Structural Engineer  
**Jensen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Civil Engineer  
**Stegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

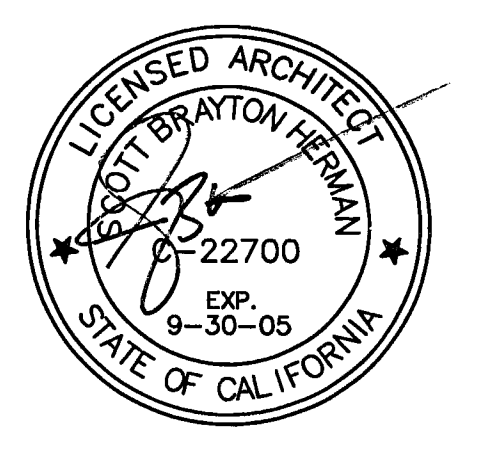
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Tumpke Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

**REVISIONS:**

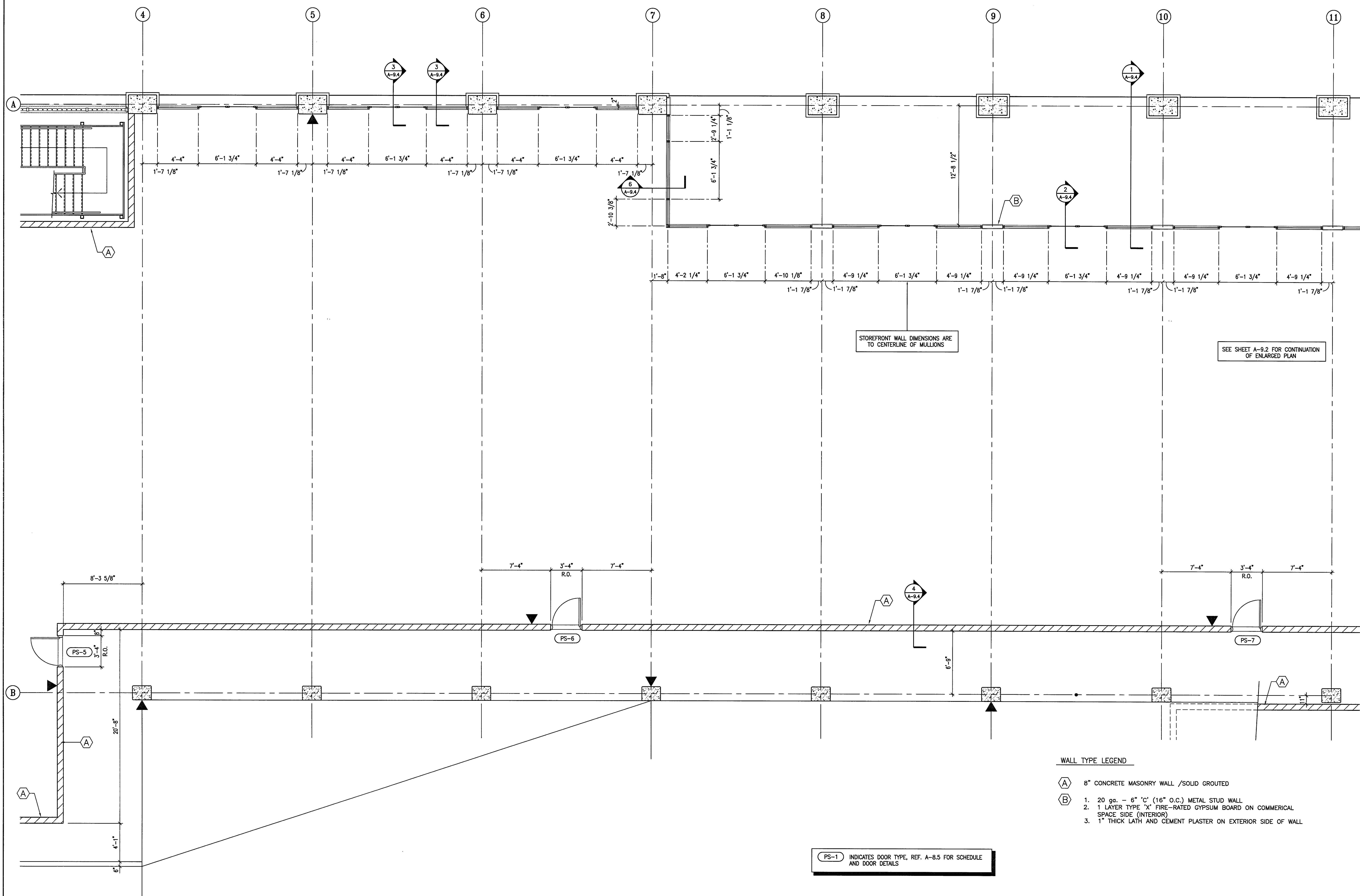
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



**SHEET TITLE**  
**ENLARGED PLAN**  
**COMMERCIAL**  
**AREA LEVEL P-1**

DATE	29, NOV. 2004	SCALE	1/4" = 1'-0"
DRAWN BY	ACL	CHECKED BY	SBH
DRAWING NO.	2319A-9-1	SHEET	
PROGRAM NO.		R-NO.	

DRAWING NO:  
**A-9.1**  
 PROJECT NO:  
 HNA 2319



STOREFRONT WALL DIMENSIONS ARE TO CENTERLINE OF MULLIONS

SEE SHEET A-9.2 FOR CONTINUATION OF ENLARGED PLAN

**WALL TYPE LEGEND**

- (A) 8" CONCRETE MASONRY WALL /SOLID GROUTED
- (B) 1. 20 ga. - 6" 'C' (16" O.C.) METAL STUD WALL  
 2. 1 LAYER TYPE 'X' FIRE-RATED GYPSUM BOARD ON COMMERCIAL SPACE SIDE (INTERIOR)  
 3. 1" THICK LATH AND CEMENT PLASTER ON EXTERIOR SIDE OF WALL

PS-1 INDICATES DOOR TYPE, REF. A-8.5 FOR SCHEDULE AND DOOR DETAILS

SEE SHEET A-7.7 FOR ENLARGED PLAN AT THIS AREA

**1**  
**A-9.1** PARTIAL P-1 LEVEL PLAN  
 SCALE: 1/4" = 1'-0"

**CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
City of Stockton

**DESIGN BUILDER:**  
F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209. 931. 3738

**CONSULTANTS:**  
Architect - Planning Consultant  
**HNA / Pacific**  
61 Sea Breeze Avenue  
Rancho Palms Verdes, California 90275  
310. 544. 8670

Design Architect  
**Wenell Matthews Bowe**  
246 E. Main Street  
Stockton, California 95202  
209. 944. 9110

Structural Engineer  
**Jessie Wright Structural Engineers**  
113 West 8th Avenue, Suite A  
Chico, California 95926  
530. 894. 5345

Civil Engineer  
**Slegified Engineering, Inc.**  
4045 Coronado Avenue  
Stockton, California 95204  
209. 943. 2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
3650 Wilcox Road  
Stockton, California 95215  
209. 931. 9650

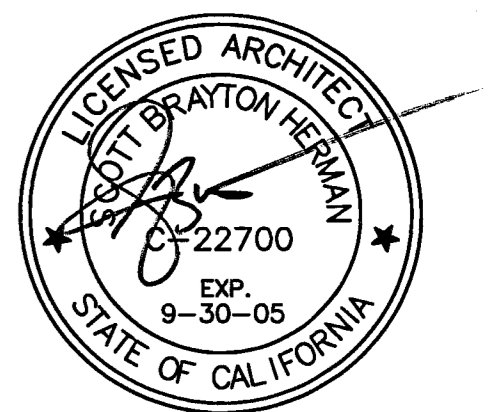
Electrical Designer - Design/Builder  
**Collins Electrical**  
611 W. Fremont Street  
Stockton, California 95203  
209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
1607 Turnpike Road  
Stockton, California 95201  
209. 466. 4601

**CONST. DOCUMENTS**

**REVISIONS:**

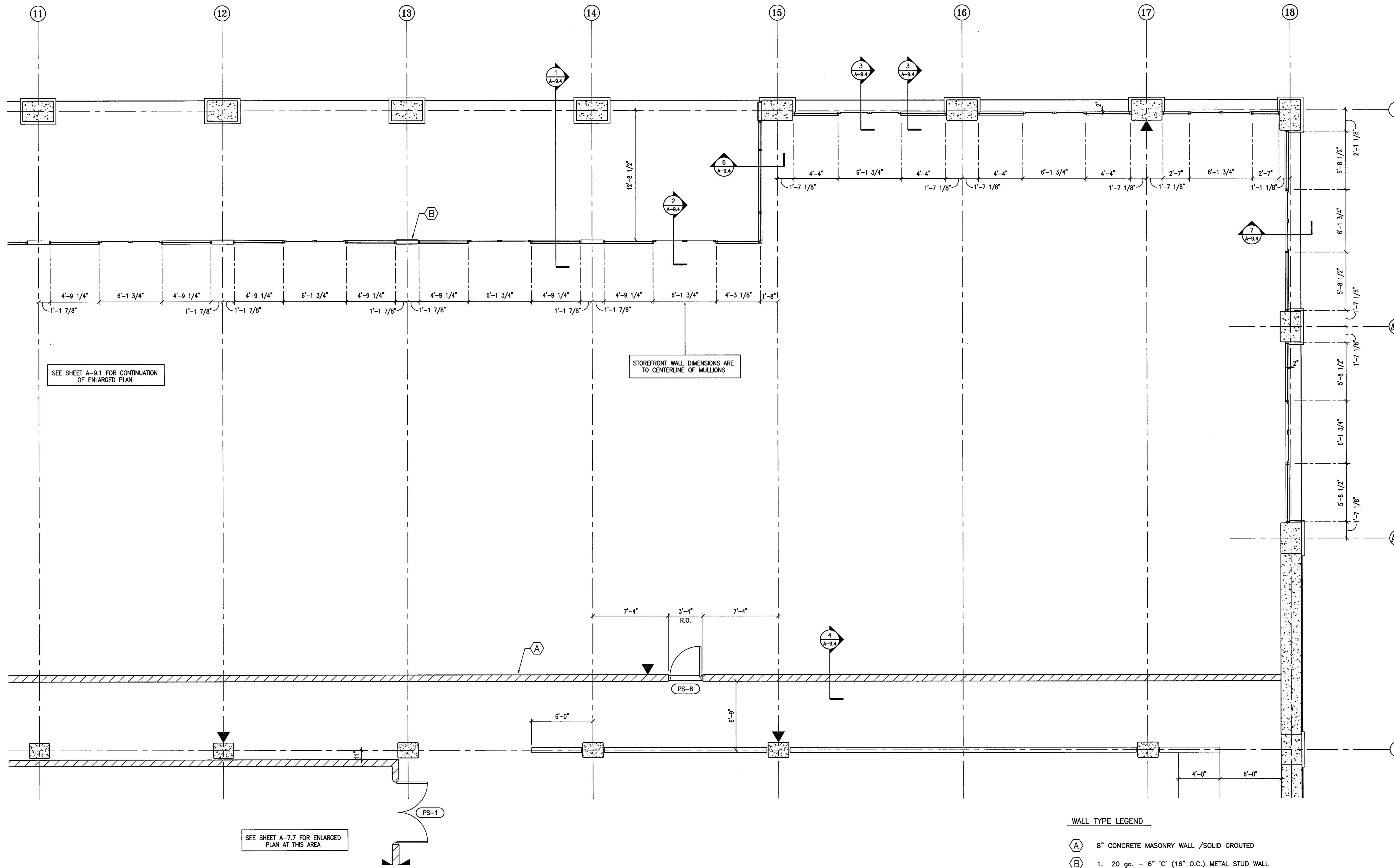
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



**SHEET TITLE**  
**ENLARGED PLAN  
COMMERCIAL  
AREA LEVEL P-1**

DATE 29, NOV. 2004	SCALE 1/4" = 1'-0"
DRAWN BY ACL	CHECKED BY SBH
DRAWING NO. 2319A-9-2	SHEET
PROGRAM NO.	R.NO.

**DRAWING NO:**  
**A-9.2**  
**PROJECT NO:**  
HNA 2319



SEE SHEET A-9.1 FOR CONTINUATION OF ENLARGED PLAN

SEE SHEET A-7.7 FOR ENLARGED PLAN AT THIS AREA

STOREFRONT WALL DIMENSIONS ARE TO CENTERLINE OF MULLIONS

**WALL TYPE LEGEND**

- (A) 8" CONCRETE MASONRY WALL /SOLID GROUTED
- (B) 1. 20 ga. - 6" 'C' (16" O.C.) METAL STUD WALL  
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3. 1" THICK LATH AND CEMENT PLASTER ON EXTERIOR SIDE OF WALL

(PS-1) INDICATES DOOR TYPE, REF. A-8.5 FOR SCHEDULE AND DOOR DETAILS

**CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
City of Stockton

**DESIGN BUILDER:**  
F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209.931.3738

**CONSULTANTS:**  
Architect - Planning Consultant  
HNA / Pacific  
61 Sea Breeze Avenue  
Rancho Palos Verdes, California 90275  
310.544.8870

Design Architect  
Wenell Mathews Bowe  
245 E. Main Street  
Stockton, California 95202  
209.944.9110

Structural Engineer  
Jensen-Wright Structural Engineers  
113 West 8th Avenue, Suite A  
Chico, California 95926  
530.894.5345

Civil Engineer  
Siegfried Engineering, Inc.  
4045 Coronado Avenue  
Stockton, California 95204  
209.943.2021

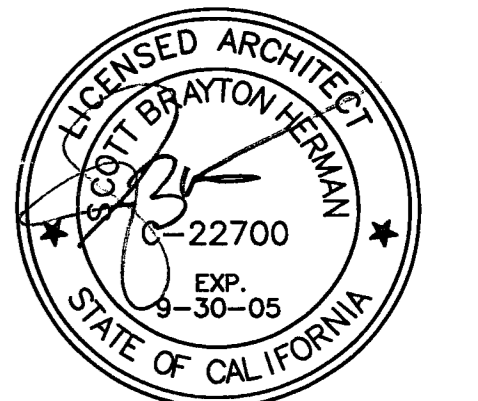
Plumbing Designer - Design/Builder  
HRM Plumbing  
3650 Wilcox Road  
Stockton, California 95215  
209.931.9650

Electrical Designer - Design/Builder  
Collins Electrical  
611 W. Fremont Street  
Stockton, California 95203  
209.466.3691

Mechanical Designer - Design/Builder  
Comfort Air  
1607 Turnpike Road  
Stockton, California 95201  
209.466.4601

**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHECK SET
3/11/05	PERMIT SET

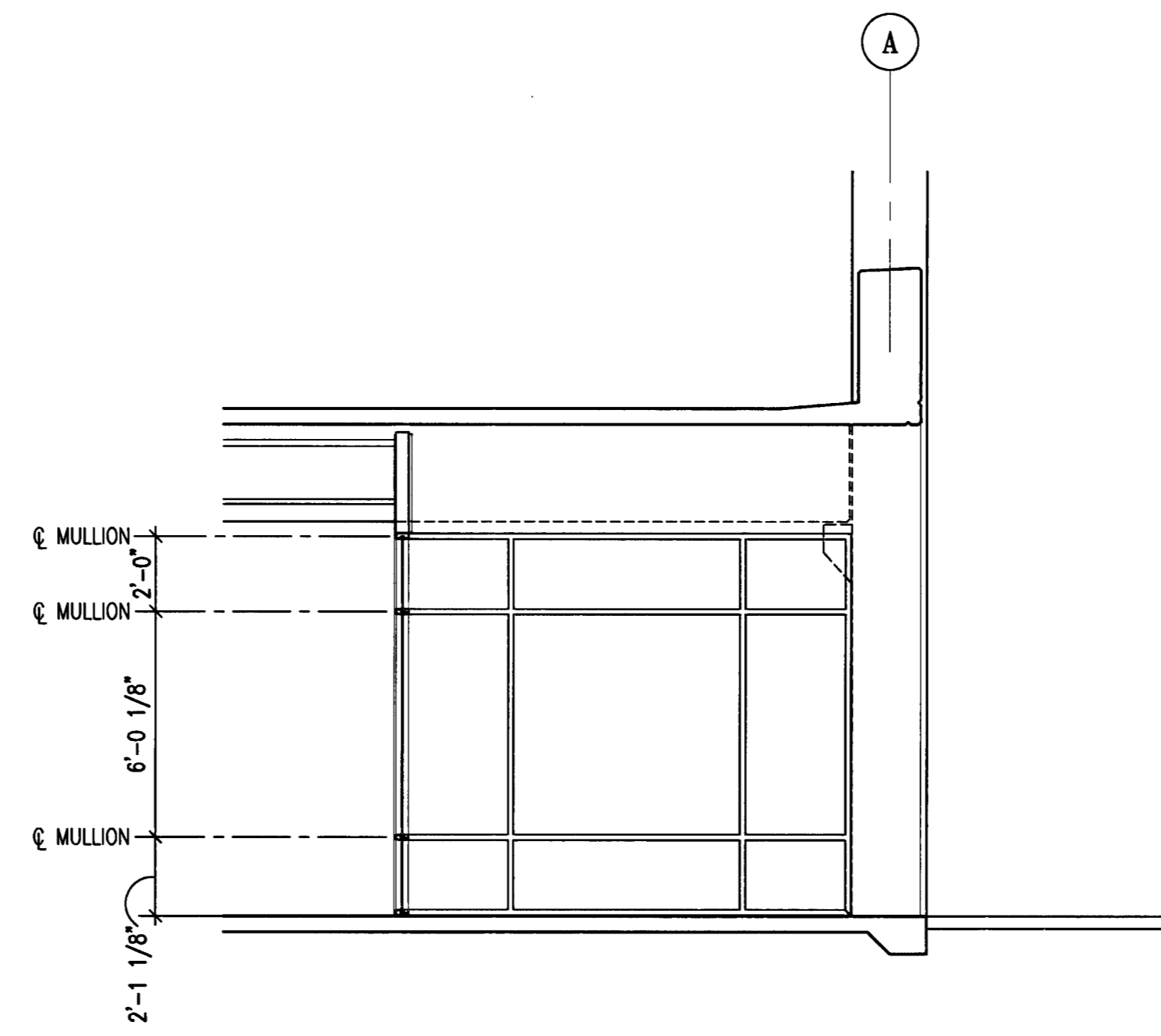


**SHEET TITLE**  
**ENLARGED COLONADE ELEVATIONS**

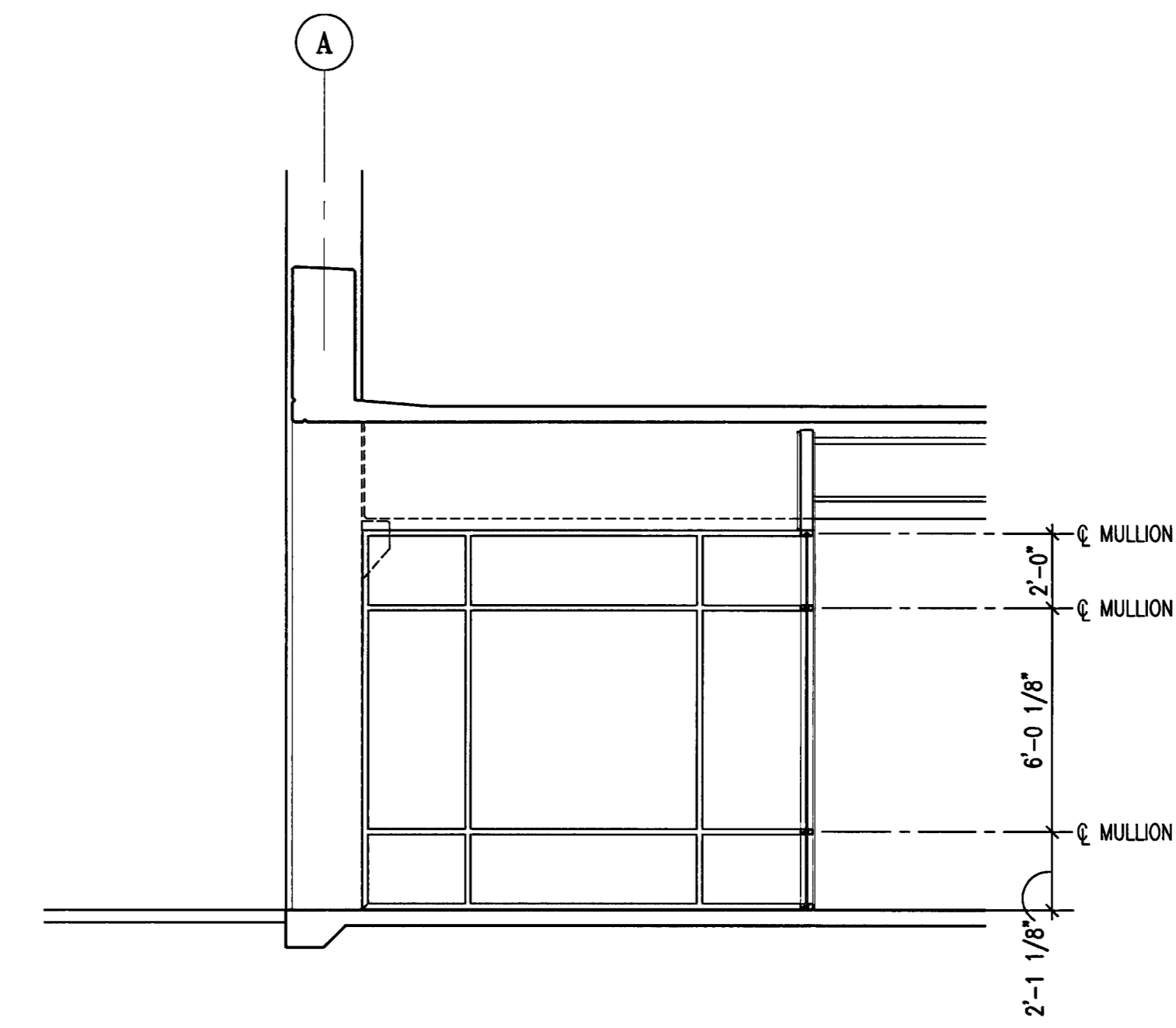
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DRAWN BY	ACL	CHECKED BY	SBH
DRAWING NO.	2319A-9-3	SHEET	
PROGRAM NO.		R-NO.	

**DRAWING NO:**  
**A-9.3**

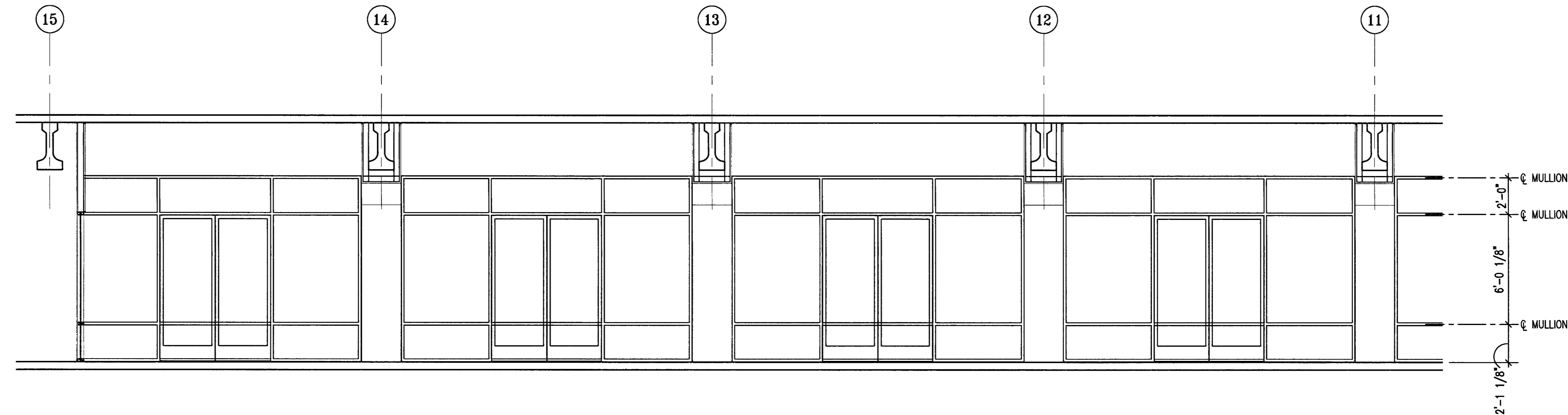
**PROJECT NO:**  
HNA 2319



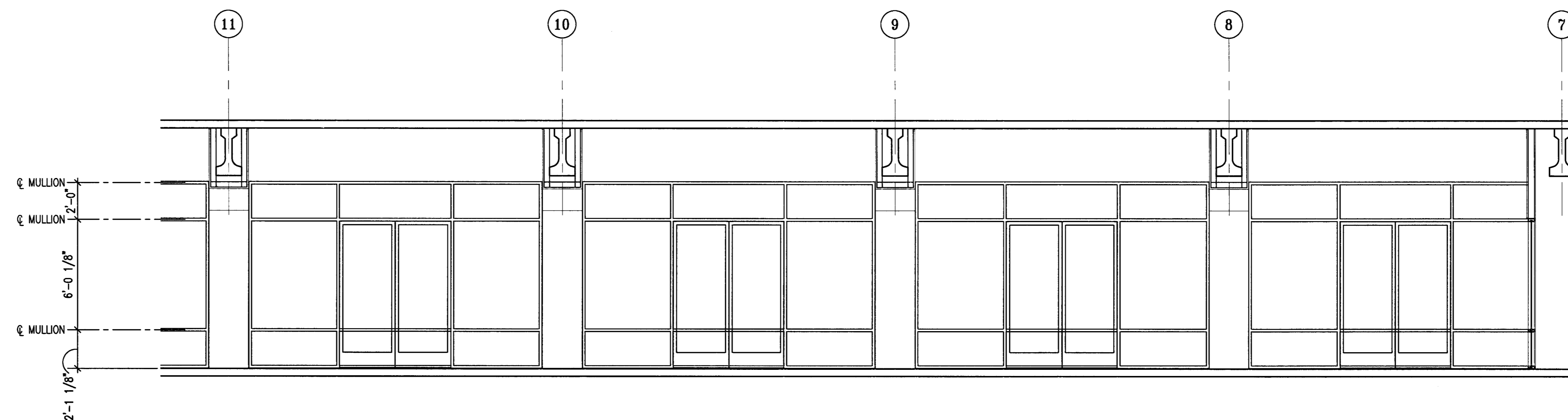
**4**  
**A-9.3**  
ENLARGED ELEVATION -  
STOREFRONT LINE 7  
SCALE: 1/4" = 1'-0"



**3**  
**A-9.3**  
ENLARGED ELEVATION -  
STOREFRONT LINE 15  
SCALE: 1/4" = 1'-0"



**2**  
**A-9.3**  
ENLARGED ELEVATION - STOREFRONT AT COLNADE  
SCALE: 1/4" = 1'-0"



**1**  
**A-9.3**  
ENLARGED ELEVATION - STOREFRONT AT COLNADE  
SCALE: 1/4" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:

City of Stockton

DESIGN BUILDER:

**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:

Architect - Planning Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 6670

Design Architect  
**Wenell Matthews Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
**Jessie Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

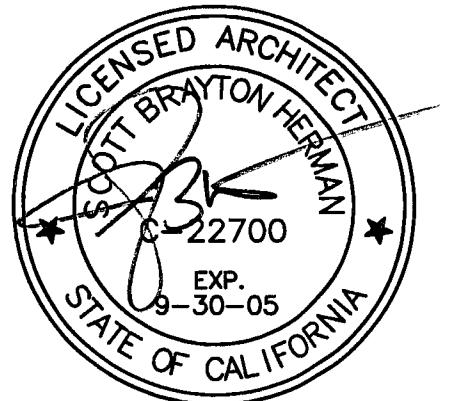
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Tumpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHICK SET
3/11/05	PERMIT SET

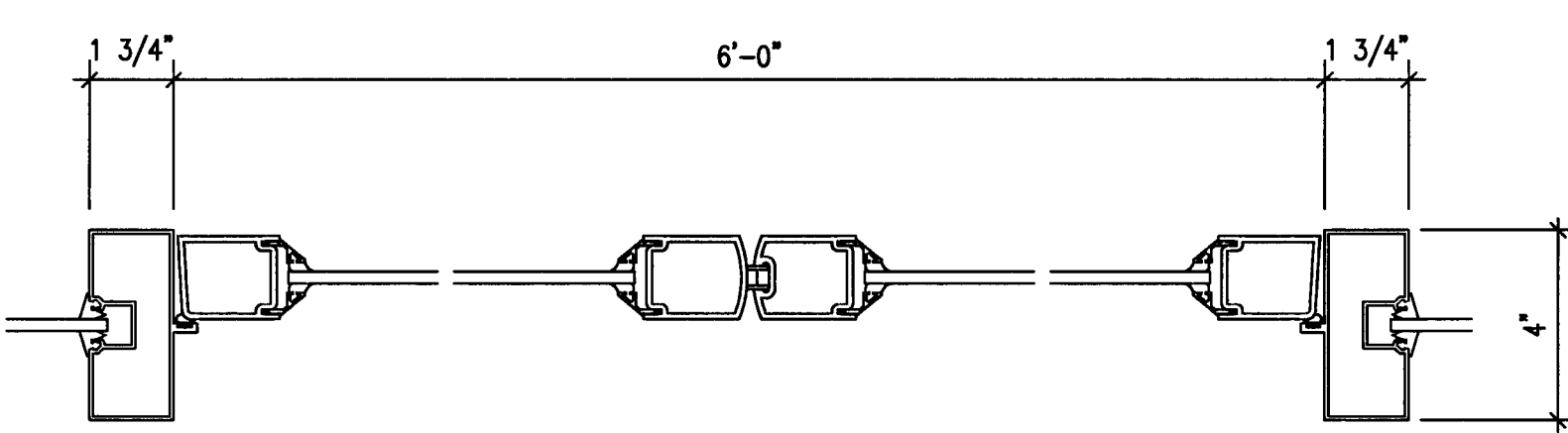


SHEET TITLE  
**DETAIL WALL SECTIONS**

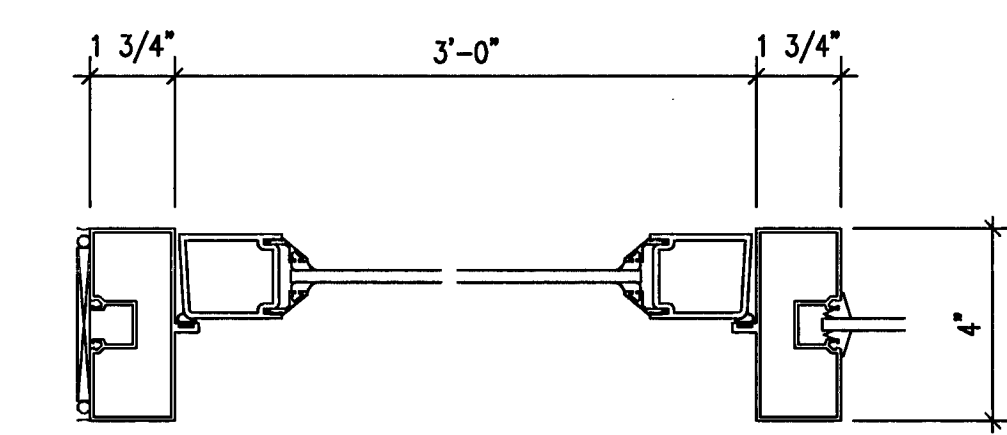
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29. NOV. 2004	1/2" = 1'-0"
DRAWN BY ACL	CHECKED BY SBH
DRAWING NO. 2319A-9-4	SHEET
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-9-4**

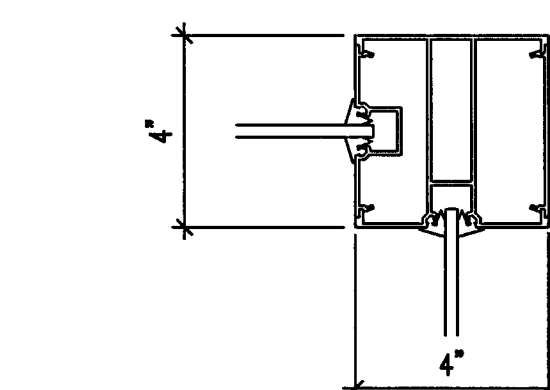
PROJECT NO:  
 HNA 2319



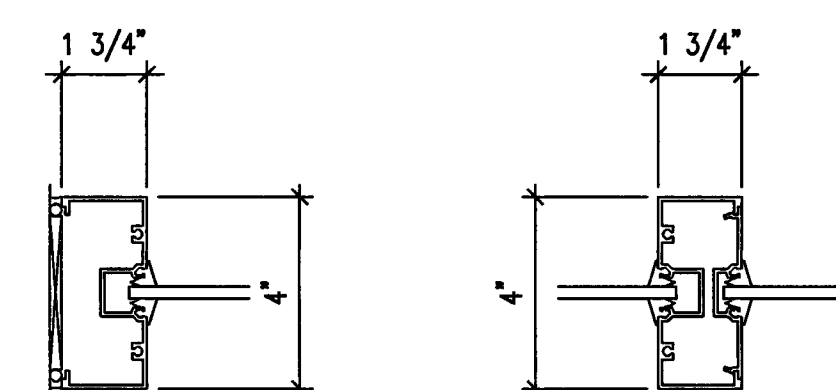
DOUBLE DOOR



SINGLE DOOR

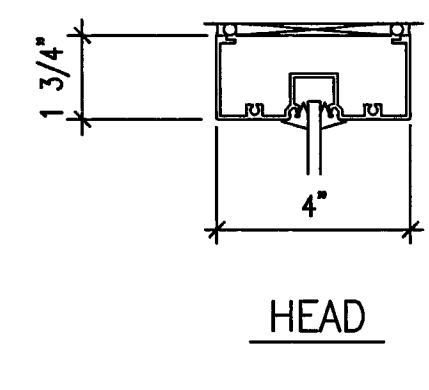


CORNER (ADJACENT) TWO POCKETS

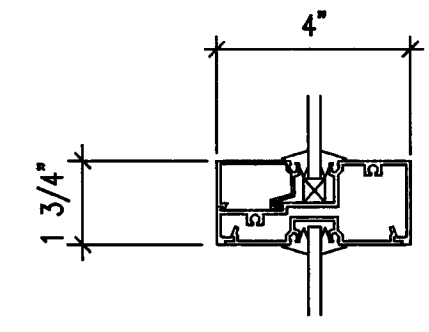


JAMB

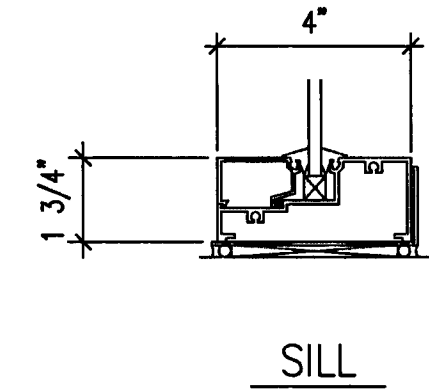
INTERMEDIATE 2-PIECE MULLION



HEAD

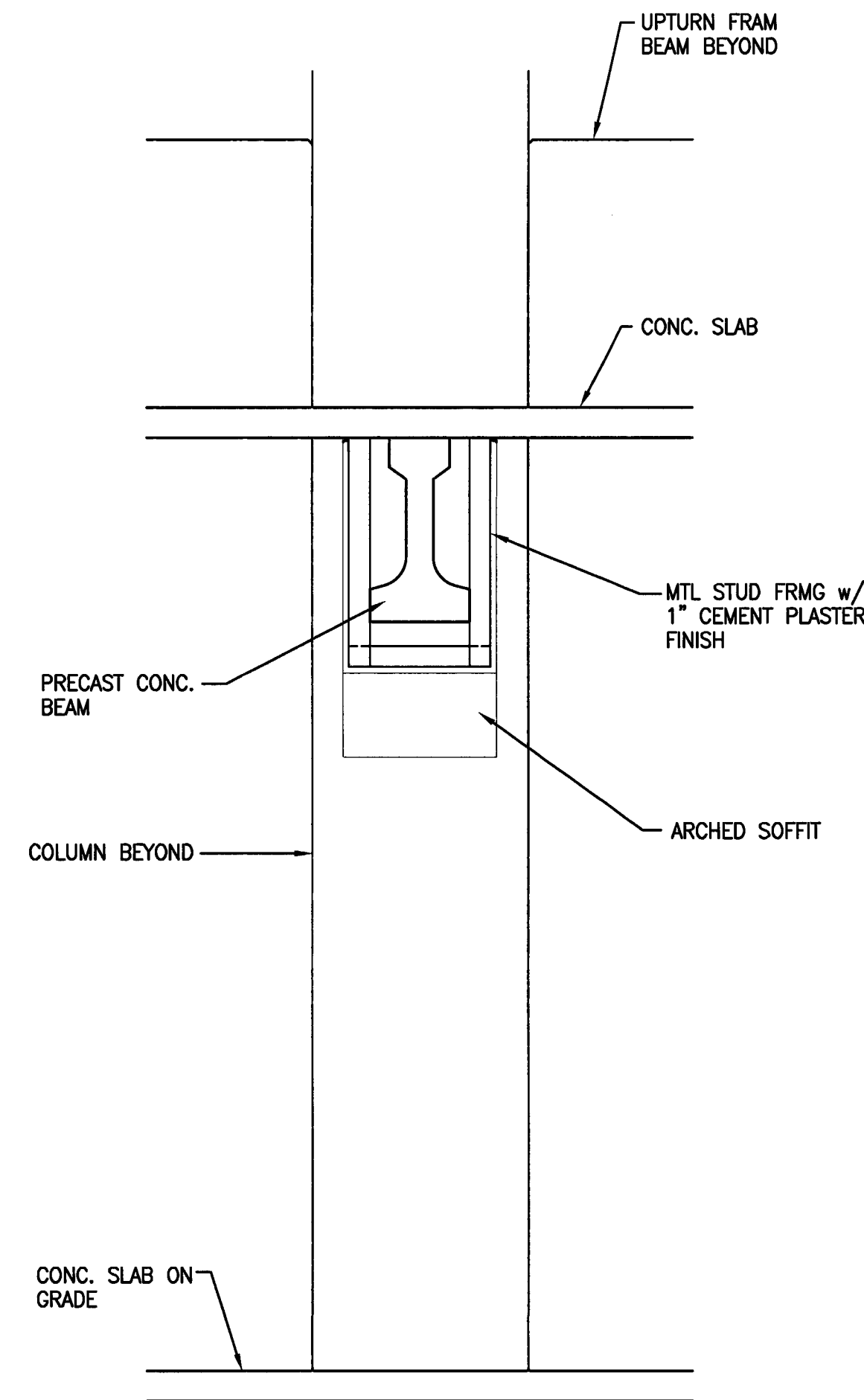


INTERMEDIATE HORIZONTAL

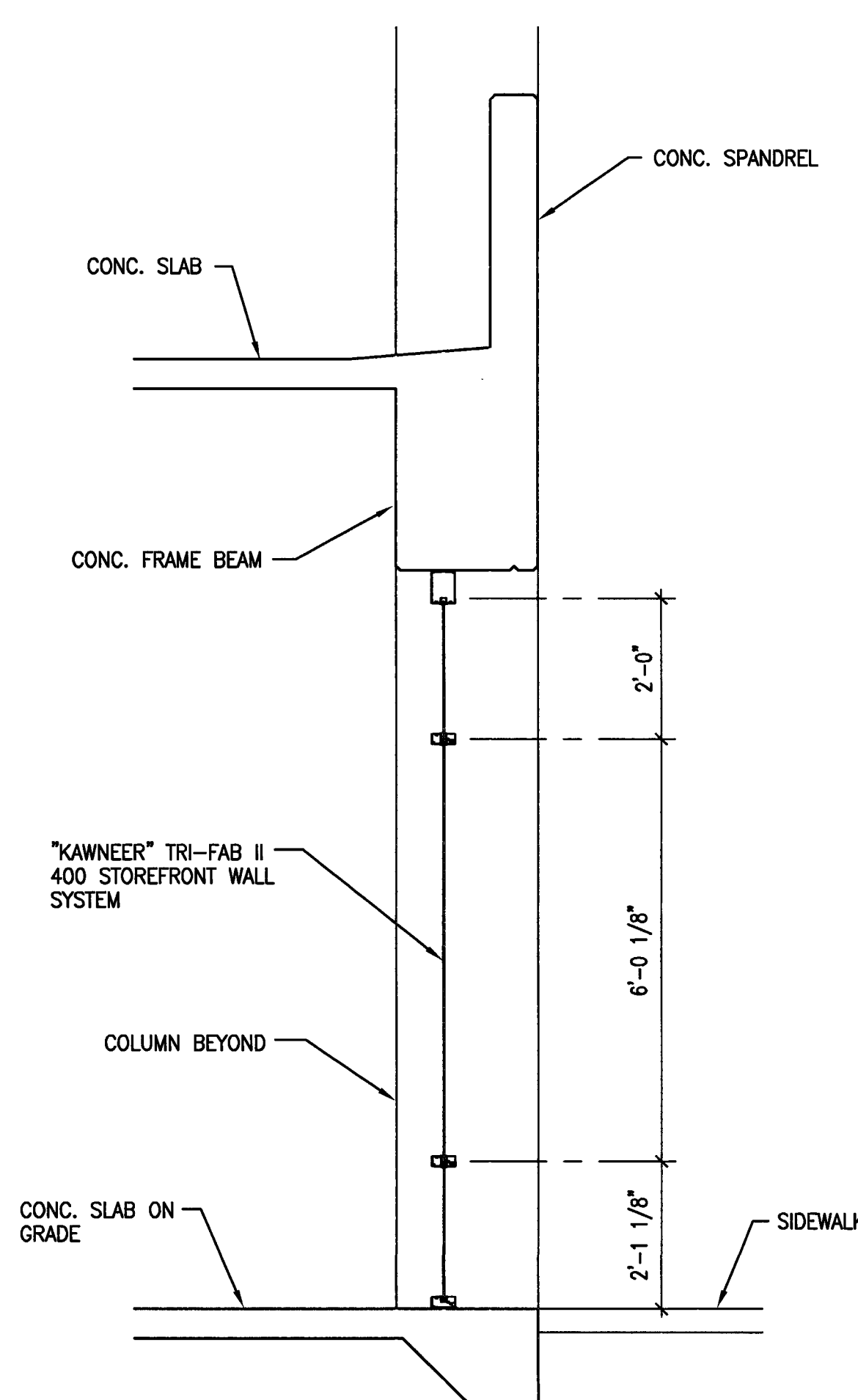


SILL

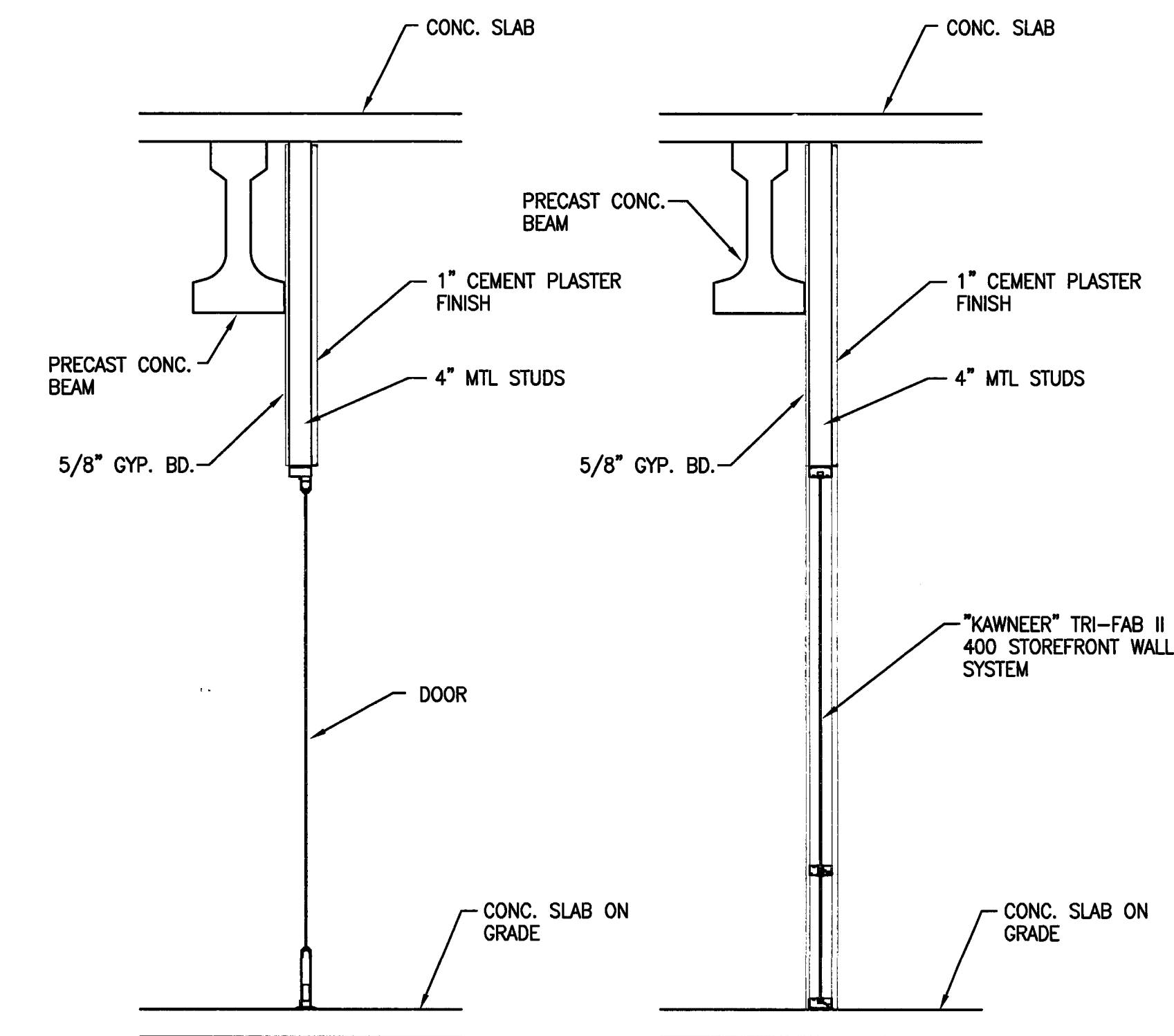
9 KAWNEER TRI-FAB II 400 DETAILS  
 A-9.4 SCALE: 3" = 1'-0"



8 DETAIL WALL SECTION  
 A-9.4 SCALE: 1/2" = 1'-0"



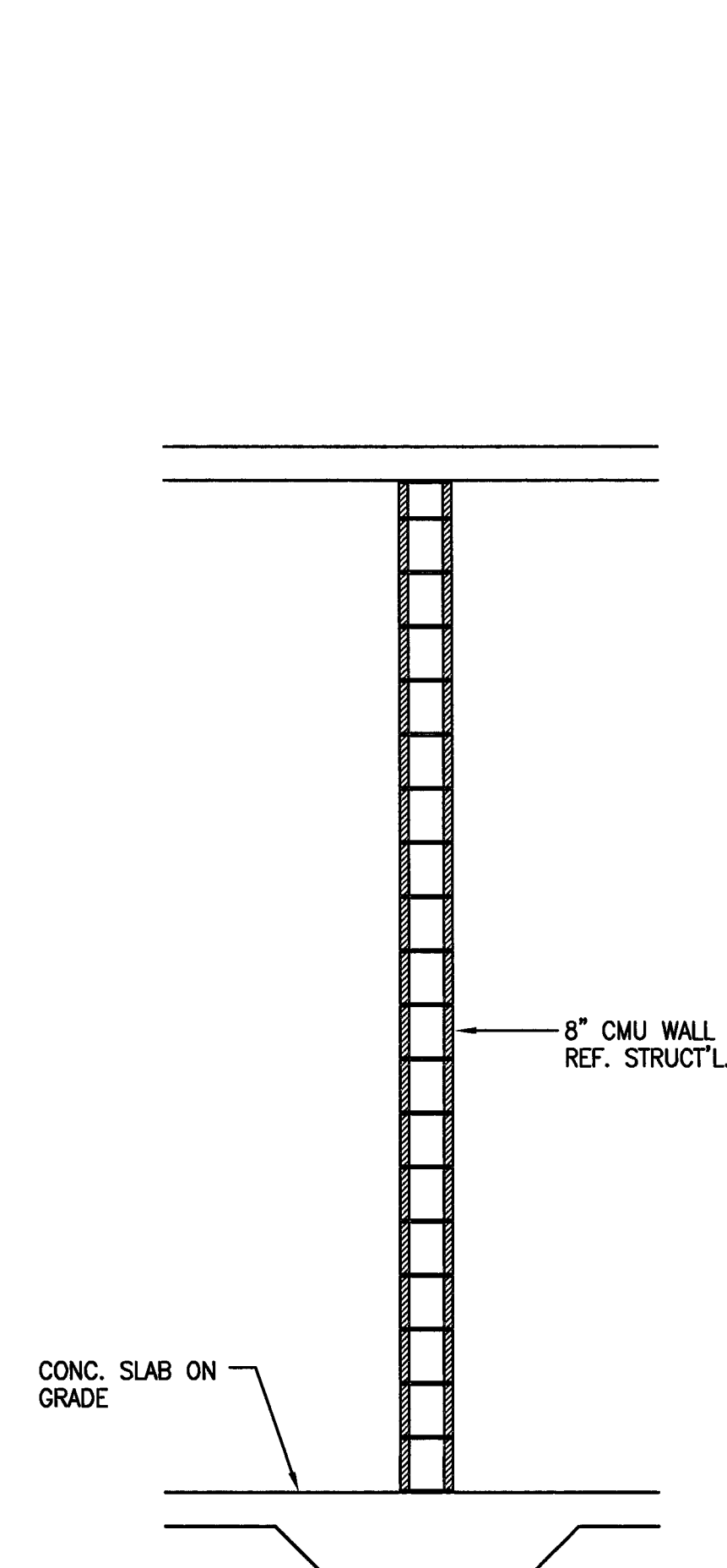
7 STOREFRONT WALL SECTION  
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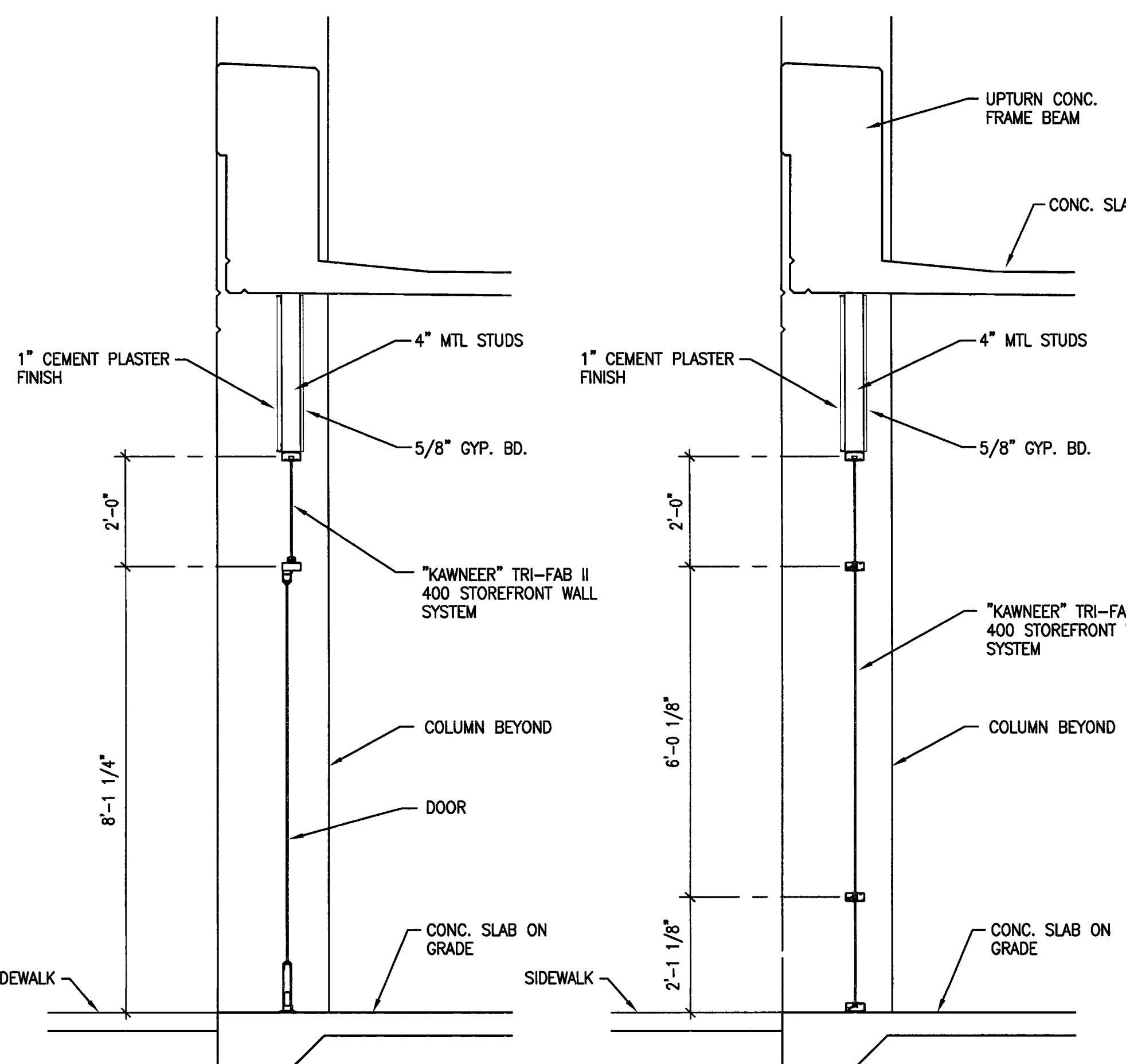
DOOR

WALL

6 STOREFRONT WALL SECTION  
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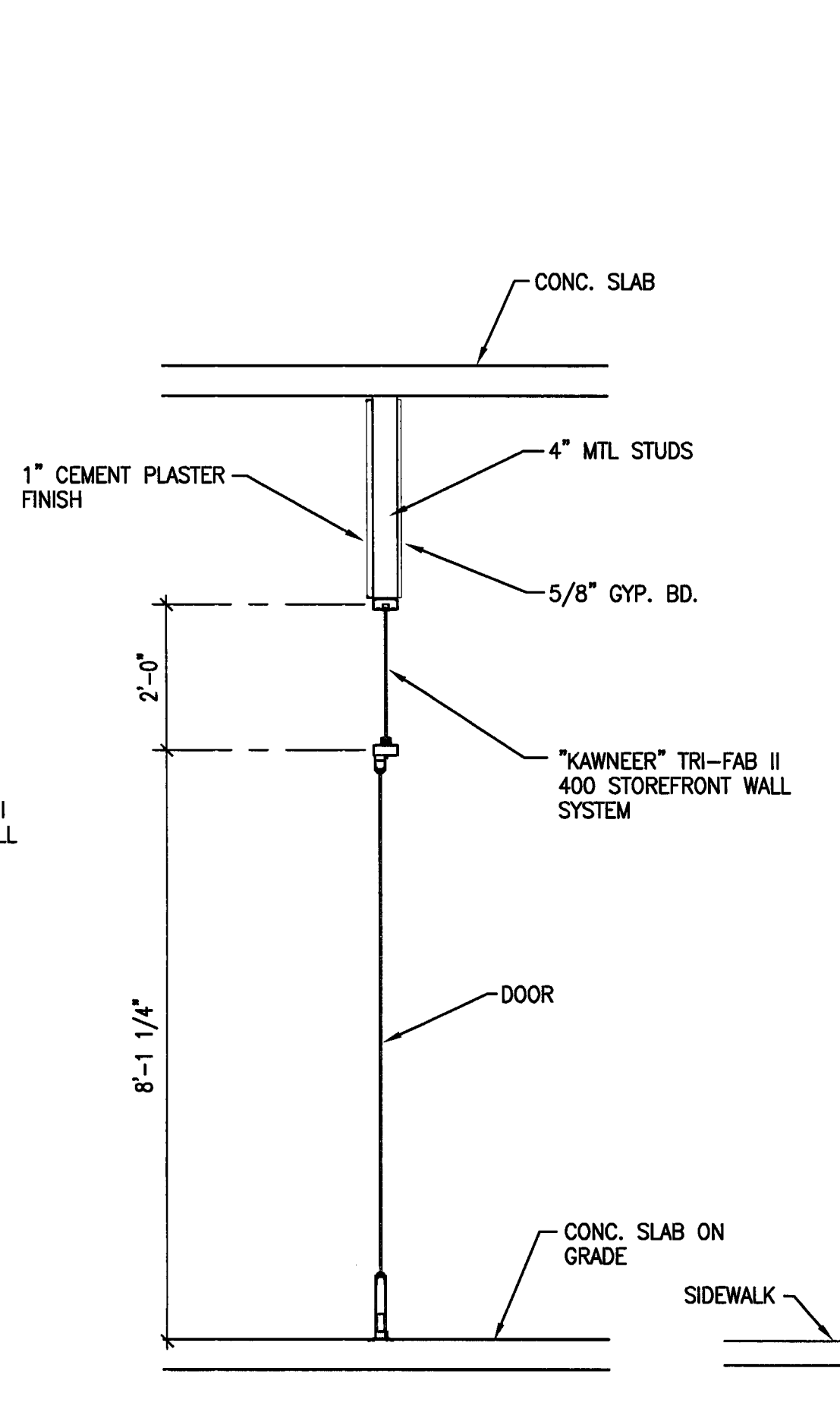
4 DETAIL WALL SECTION  
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DOOR

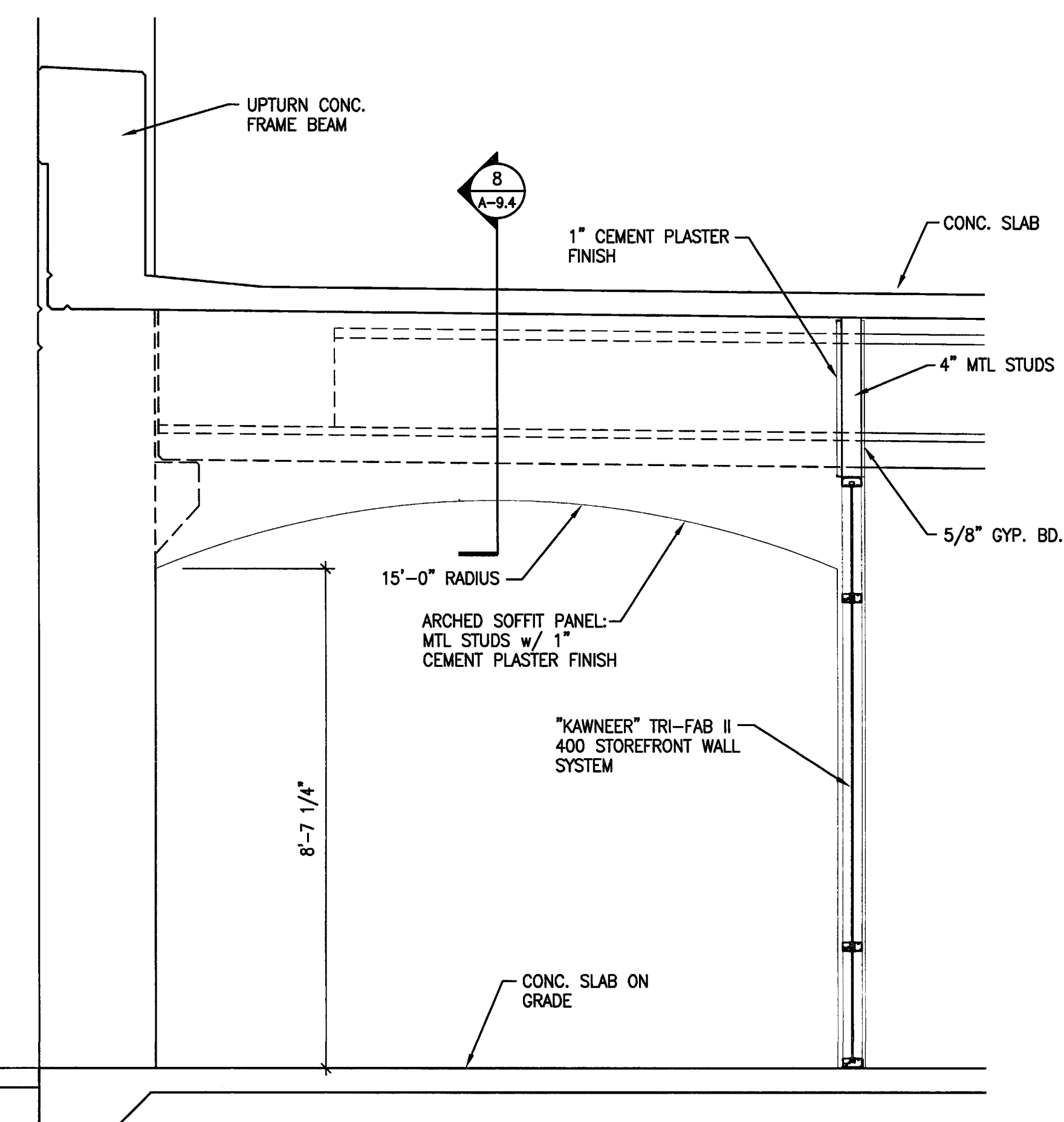
WALL

3 STOREFRONT WALL SECTIONS  
 A-9.4 SCALE: 1/2" = 1'-0"



COLONADE AT DOOR

2 STOREFRONT WALL SECTION  
 A-9.4 SCALE: 1/2" = 1'-0"



COLONADE WALL

1 STOREFRONT WALL SECTION  
 A-9.4 SCALE: 1/2" = 1'-0"



**CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
City of Stockton

**DESIGN BUILDER:**  
F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209. 931. 3738

**CONSULTANTS:**  
Architect - Permit Consultant  
**HNA / Pacific**  
61 Sea Breeze Avenue  
Famcho Palms Verdes, California 90275  
310. 544. 8670  
Design Architect  
**Wenell Mattheis Bowe**  
245 E. Main Street  
Stockton, California 95202  
209. 944. 9110  
Structural Engineer  
**Jesse Wright Structural Engineers**  
113 West 8th Avenue, Suite A  
Chico, California 95926  
530. 894. 5345

Civil Engineer  
**Stegfried Engineering, Inc.**  
4045 Coronado Avenue  
Stockton, California 95204  
209. 943. 2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
3650 Wilcox Road  
Stockton, California 95215  
209. 931. 9650

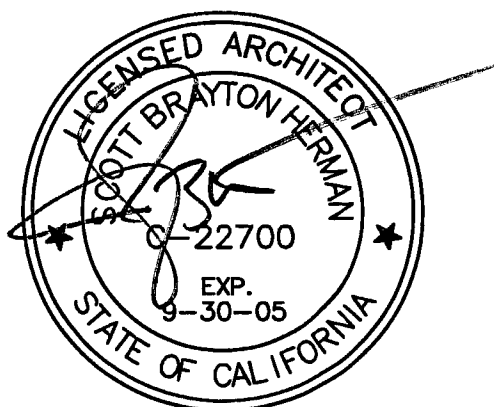
Electrical Designer - Design/Builder  
**Collins Electrical**  
611 W. Fremont Street  
Stockton, California 95203  
209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
1607 Turnpike Road  
Stockton, California 95201  
209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:

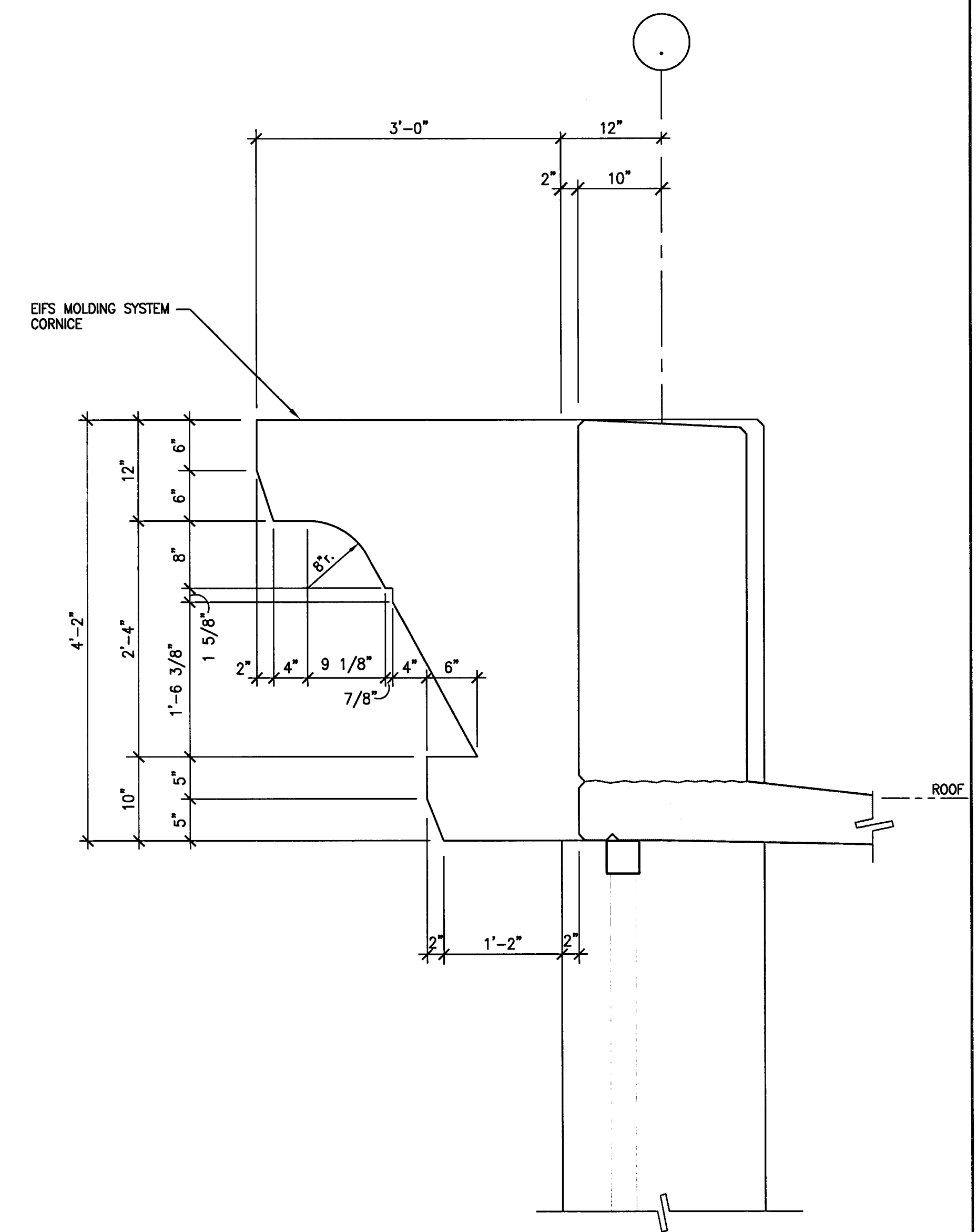
11/29/04	PLANCHICK SET
3/11/05	PERMIT SET



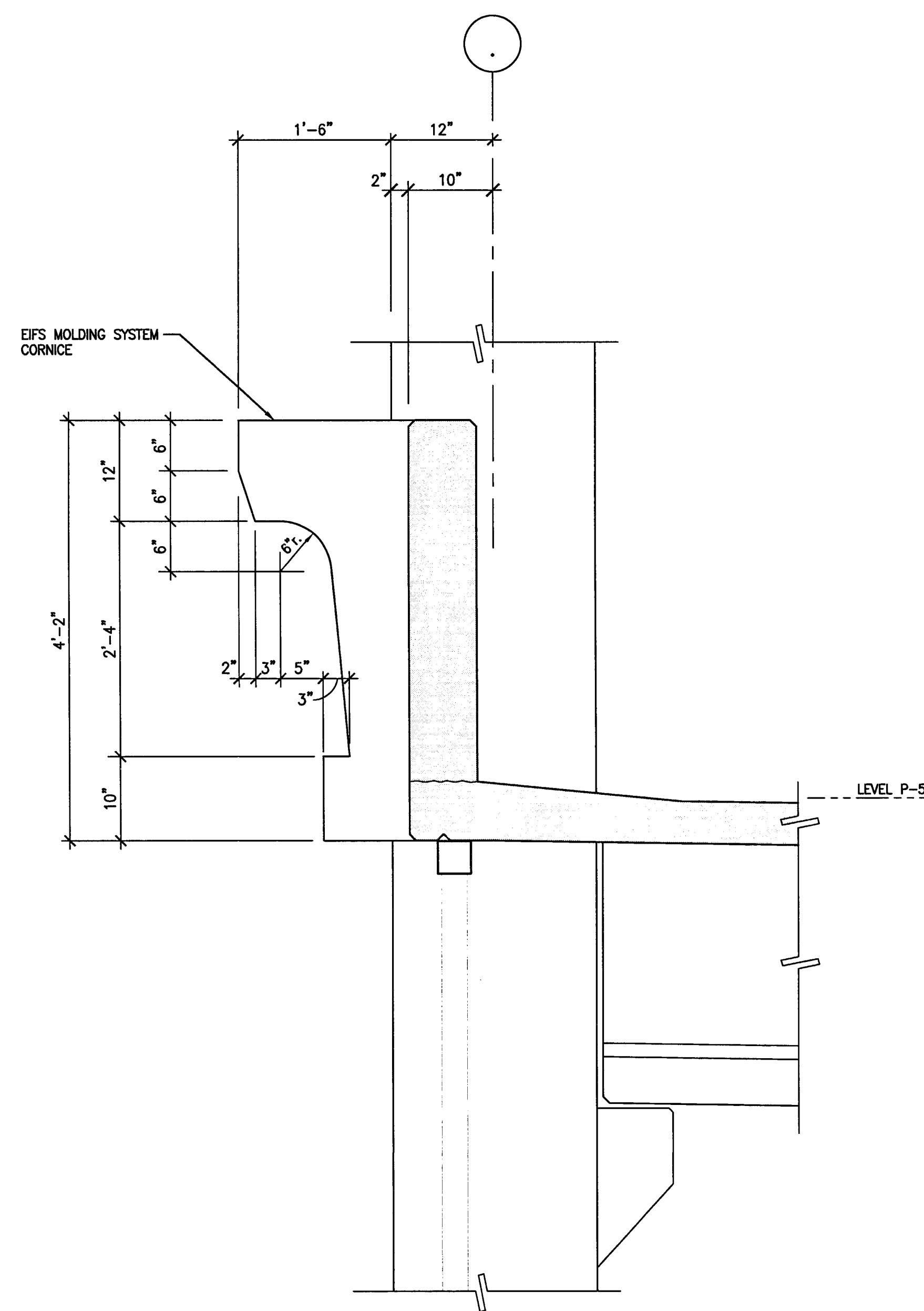
**SHEET TITLE**  
TYPICAL  
FACADE  
DETAILS

DATE	SCALE
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DRAWN BY	CHECKED BY
ACL	SBH
DRAWING NO.	SHEET
2319A-10-1	
PROGRAM NO.	R-NO.

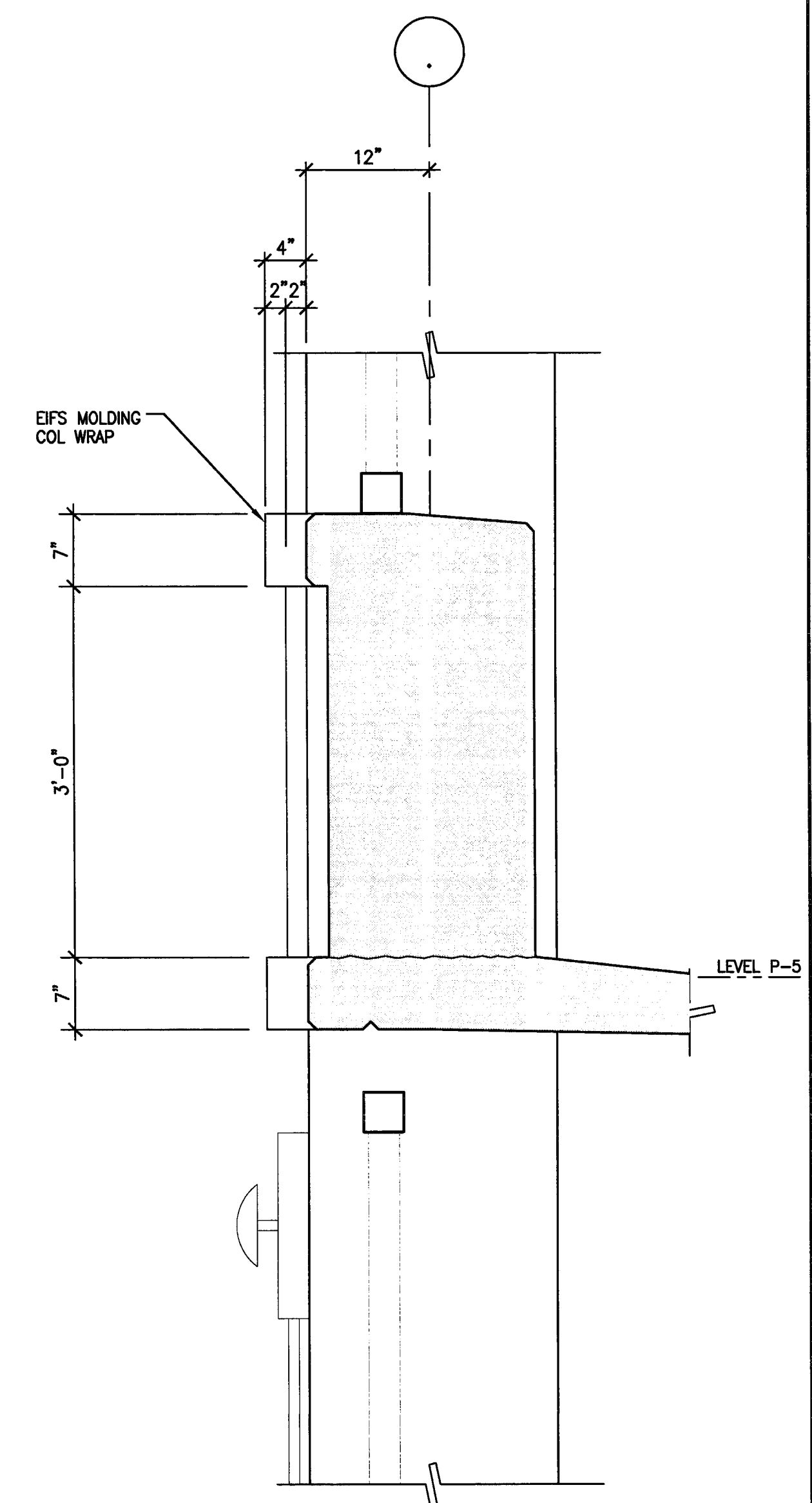
DRAWING NO:  
**A-10.1**  
PROJECT NO:  
HNA 2319



**2** CORNICE DETAIL AT ROOF LEVEL  
SCALE: 1" = 1'-0"



**1** CORNICE DETAIL AT LEVEL P-5  
SCALE: 1" = 1'-0"



**1** FACADE DETAIL AT LEVEL P-5  
SCALE: 1" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
 City of Stockton

**DESIGN BUILDER:**  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

**CONSULTANTS:**  
 Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palms Verdes, California 90275  
 310. 544. 8670

Design Architect  
**Warren Matthies Bowe**  
 245 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
**Wessert-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Site Engineer  
**Stegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

Planning Designer - Design/Builder  
**HRM Plumbing**  
 5650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

REVISIONS:	
11/29/04	PLANCHECK SET
3/11/05	PERMIT SET



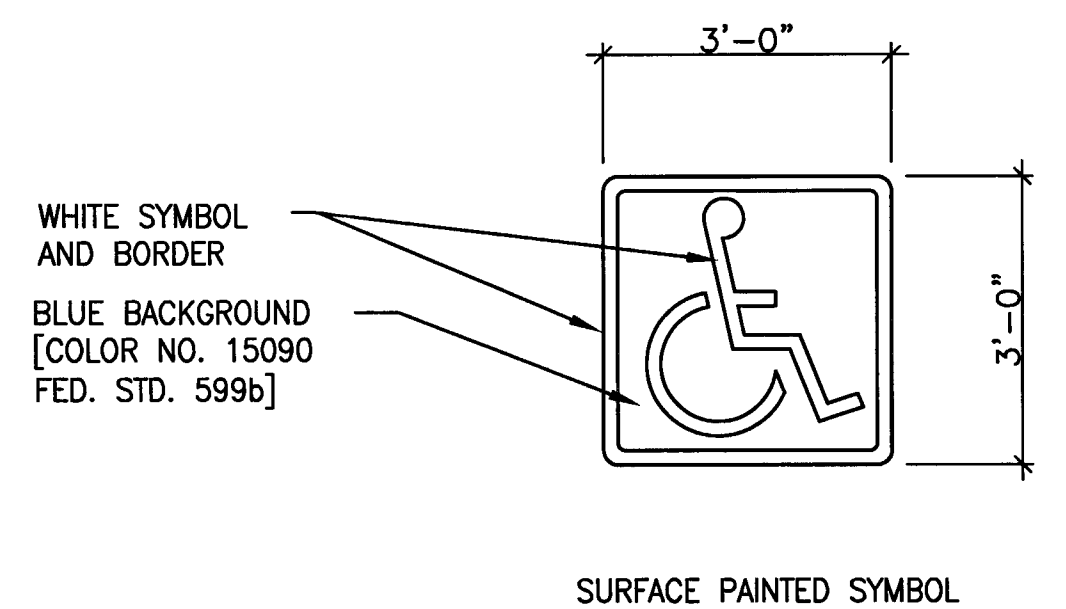
**SHEET TITLE**

**TYPICAL STRIPING DETAILS**

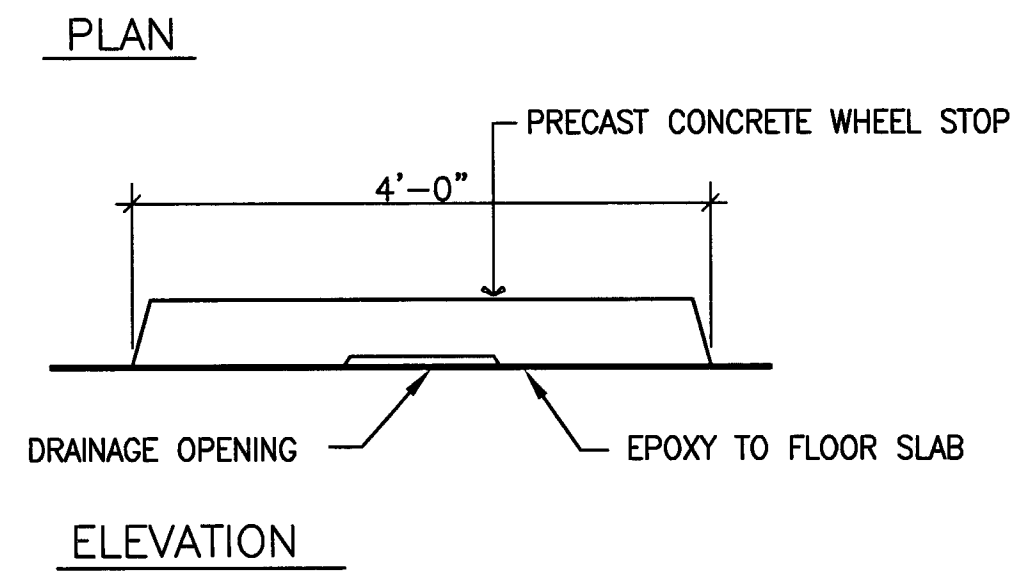
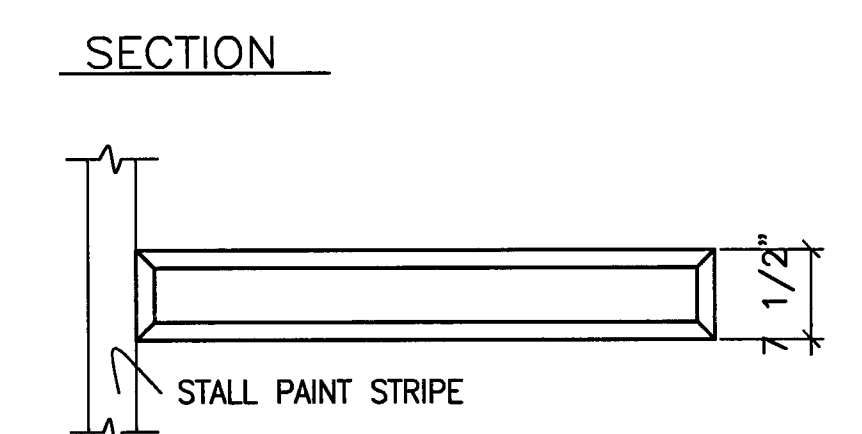
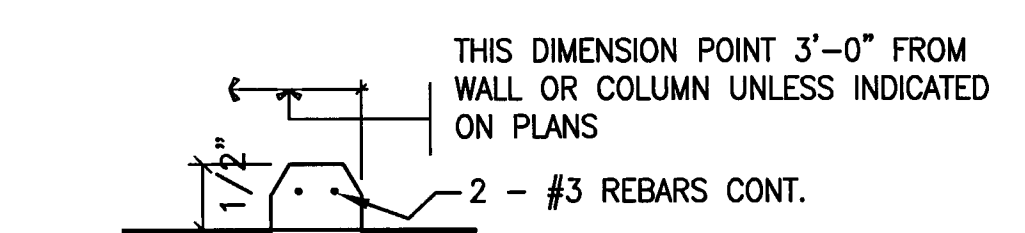
DATE	SCALE
29 NOV. 2004	AS NOTED
DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2319A-11.1	
PROGRAM NO.	R-NO.

**DRAWING NO:**  
**A-11.1**

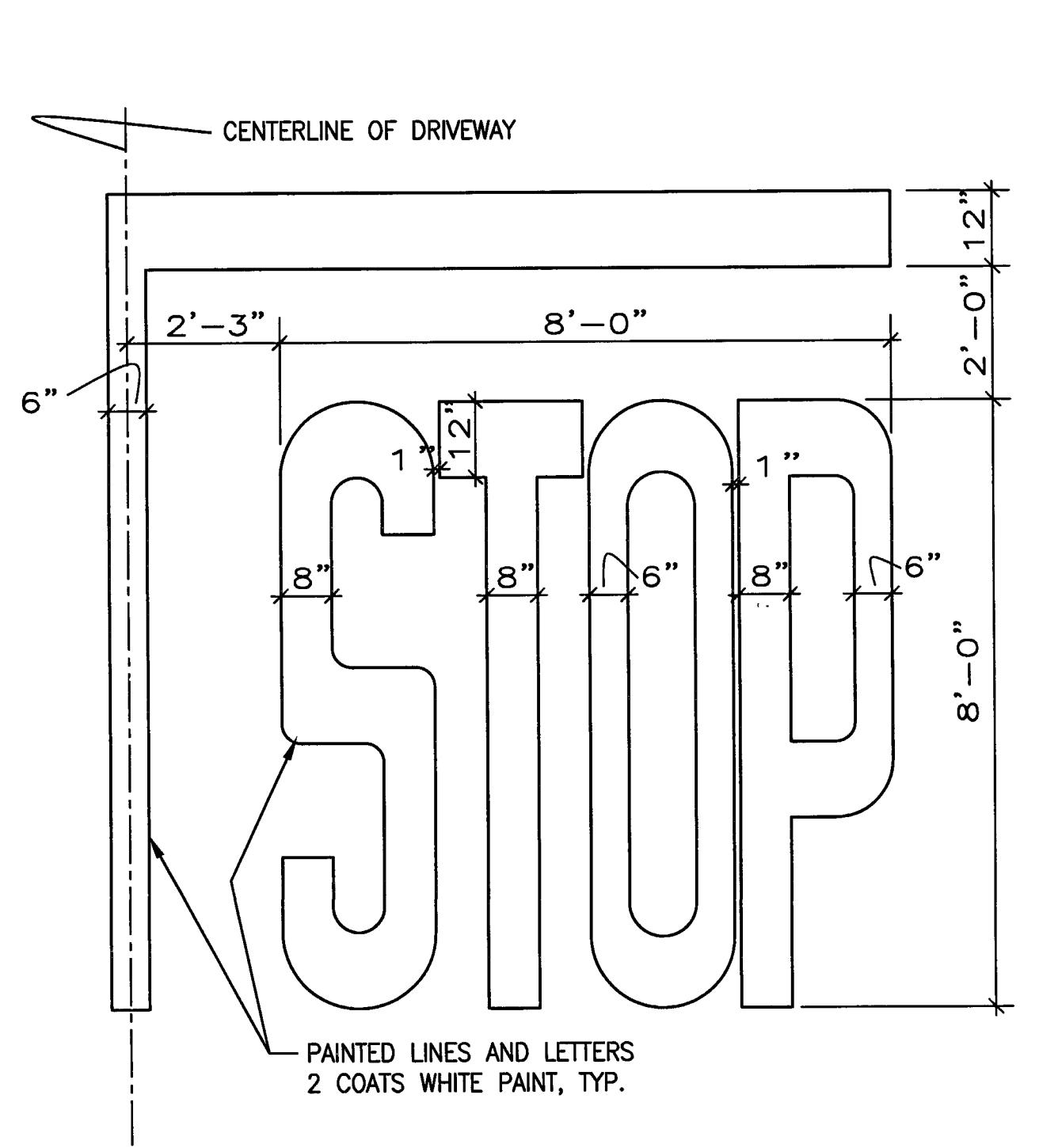
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**HNA 2319**



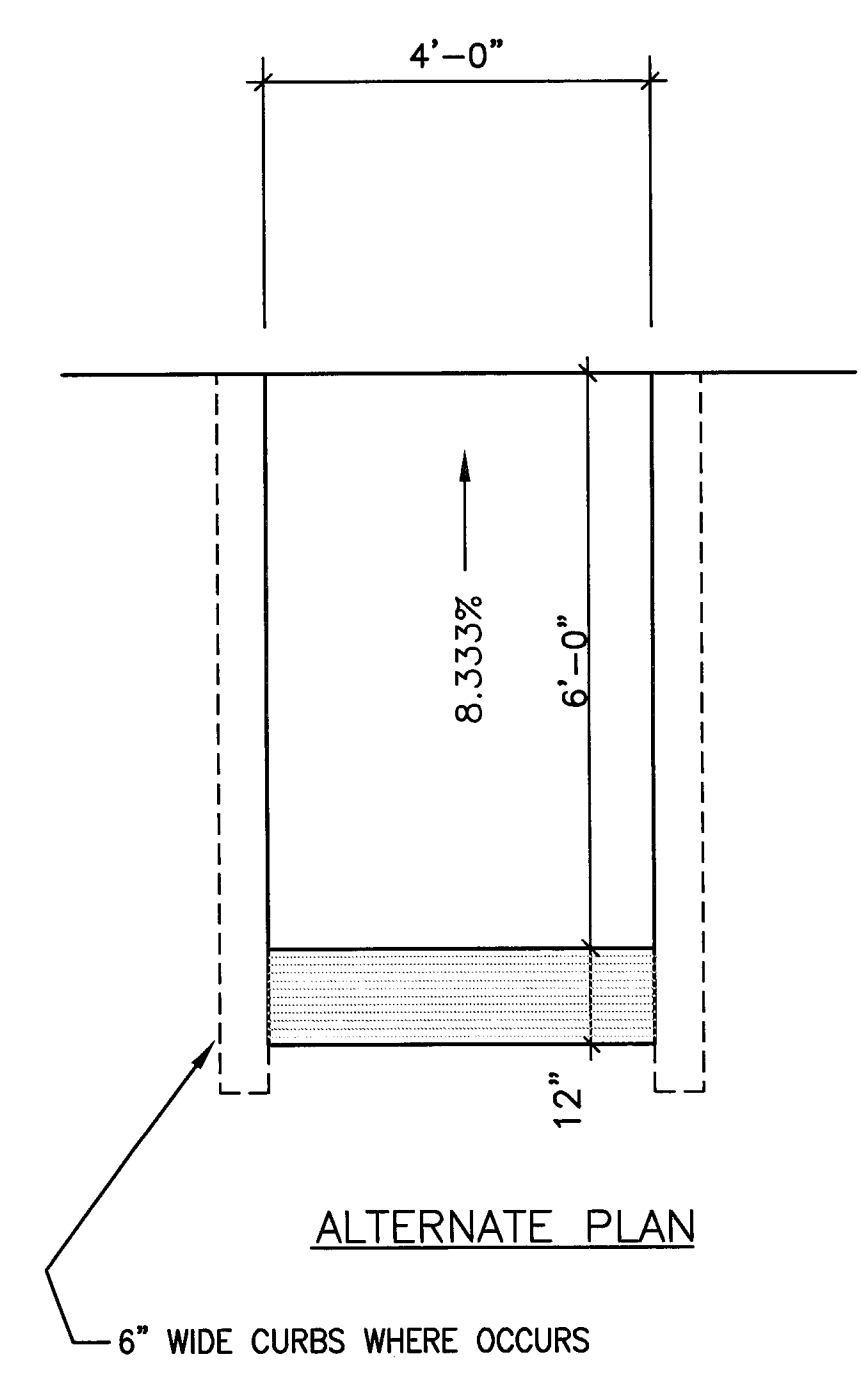
**8 TYPICAL DISABLED SYMBOL**  
 SCALE: 1/2" = 1'-0"



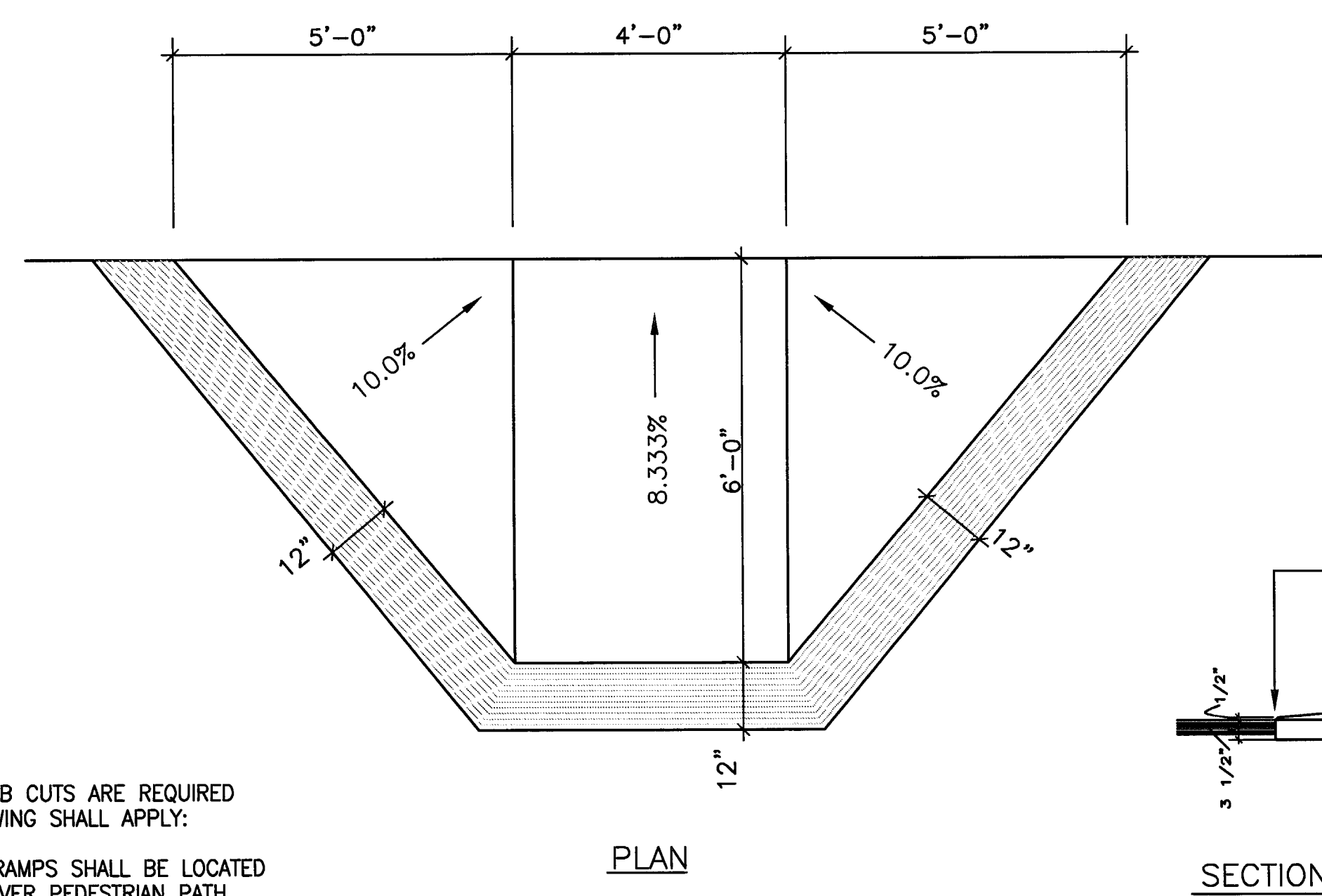
**5 CONCRETE WHEELSTOP**  
 SCALE: 3/4" = 1'-0"



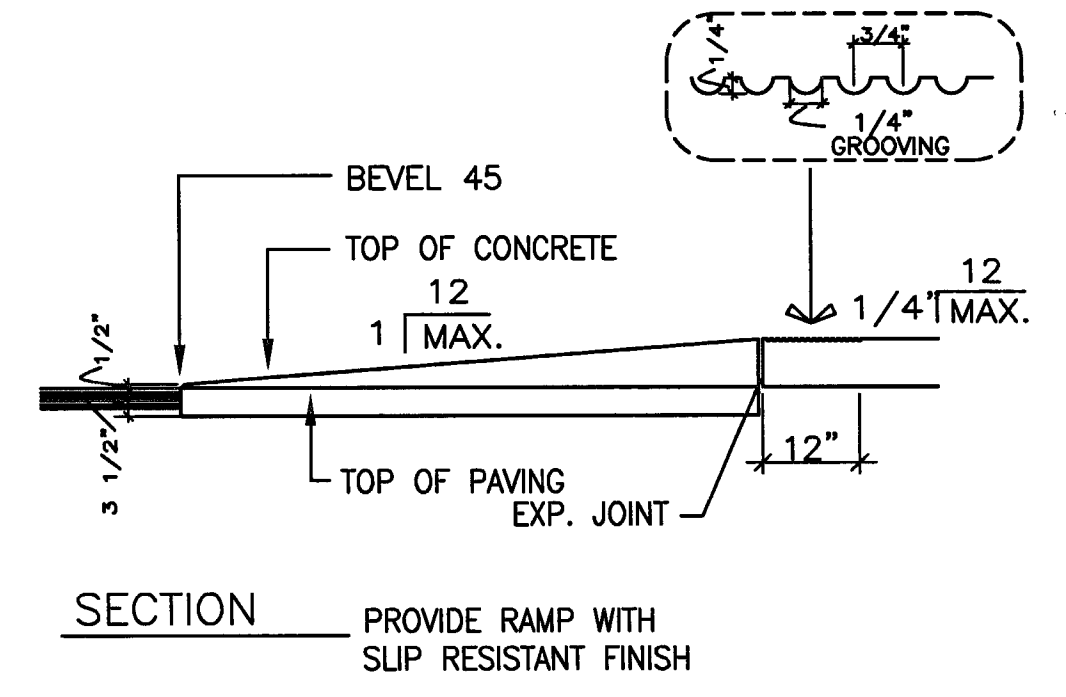
**7 PAINTED STOP SIGN**  
 SCALE: 1/2" = 1'-0"



- WHERE CURB CUTS ARE REQUIRED THE FOLLOWING SHALL APPLY:
1. CURB RAMP SHALL BE LOCATED WHEREVER PEDESTRIAN PATH CROSSES CURB.
  2. CURB RAMP SHALL BE 48" MIN. WIDTH WITH MAX. SLOPE OF 1 IN 12.
  3. A LEVEL 48" MIN. DEPTH LANDING IS REQUIRED AT TOP OF CURB RAMP OVER ENTIRE CURB WIDTH.
  4. WHEN THE SLOPE OF A CURB RAMP IS LESS THAN 1:15 GRADIENT (6.97%) IT SHALL HAVE A TRUNCATED DOME DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND DEPTH OF THE CURB RAMP INSIDE THE GROOVED BORDER



**6 DISABLED RAMP**  
 SCALE: 1/2" = 1'-0"

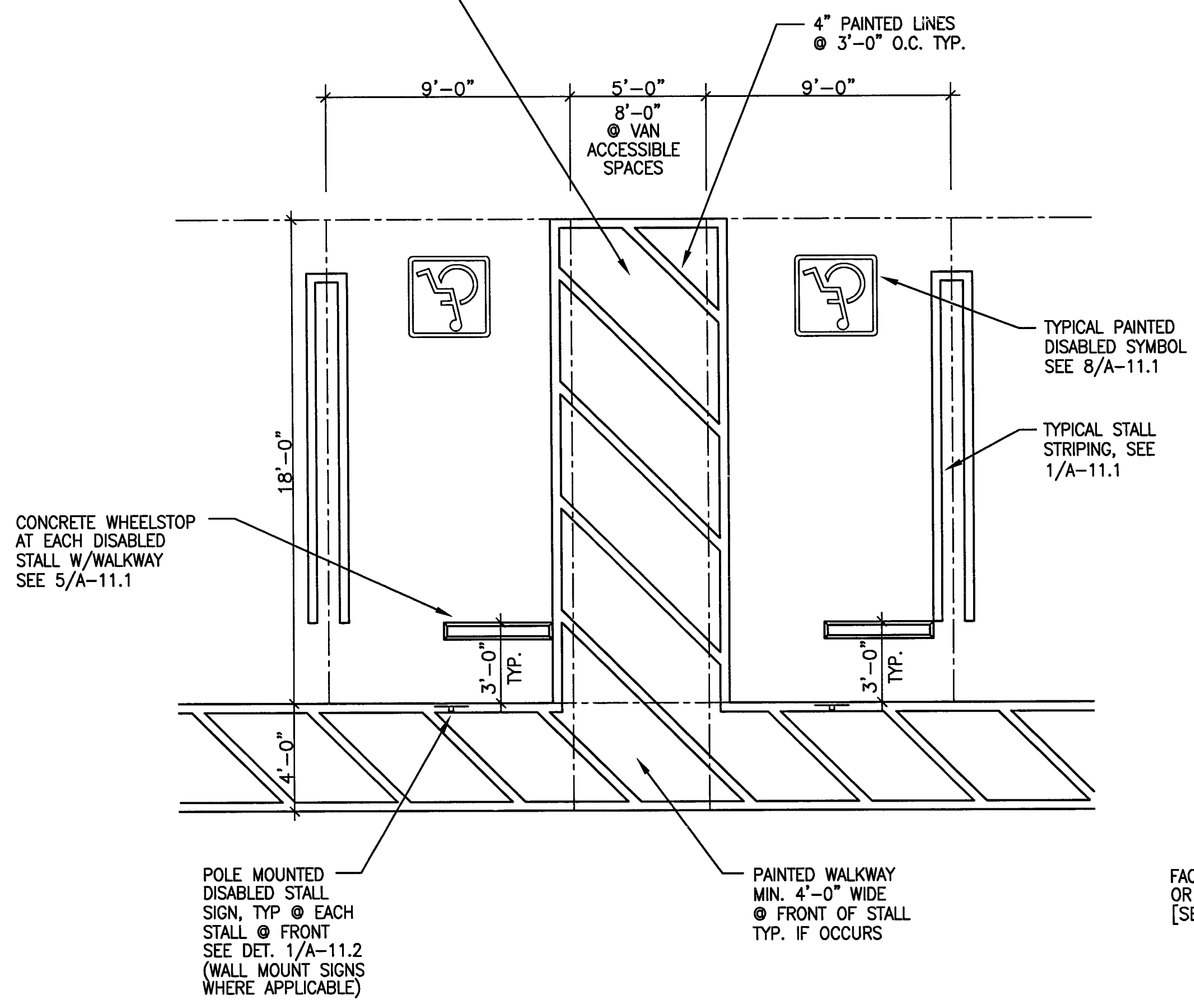


**SECTION** PROVIDE RAMP WITH SLIP RESISTANT FINISH

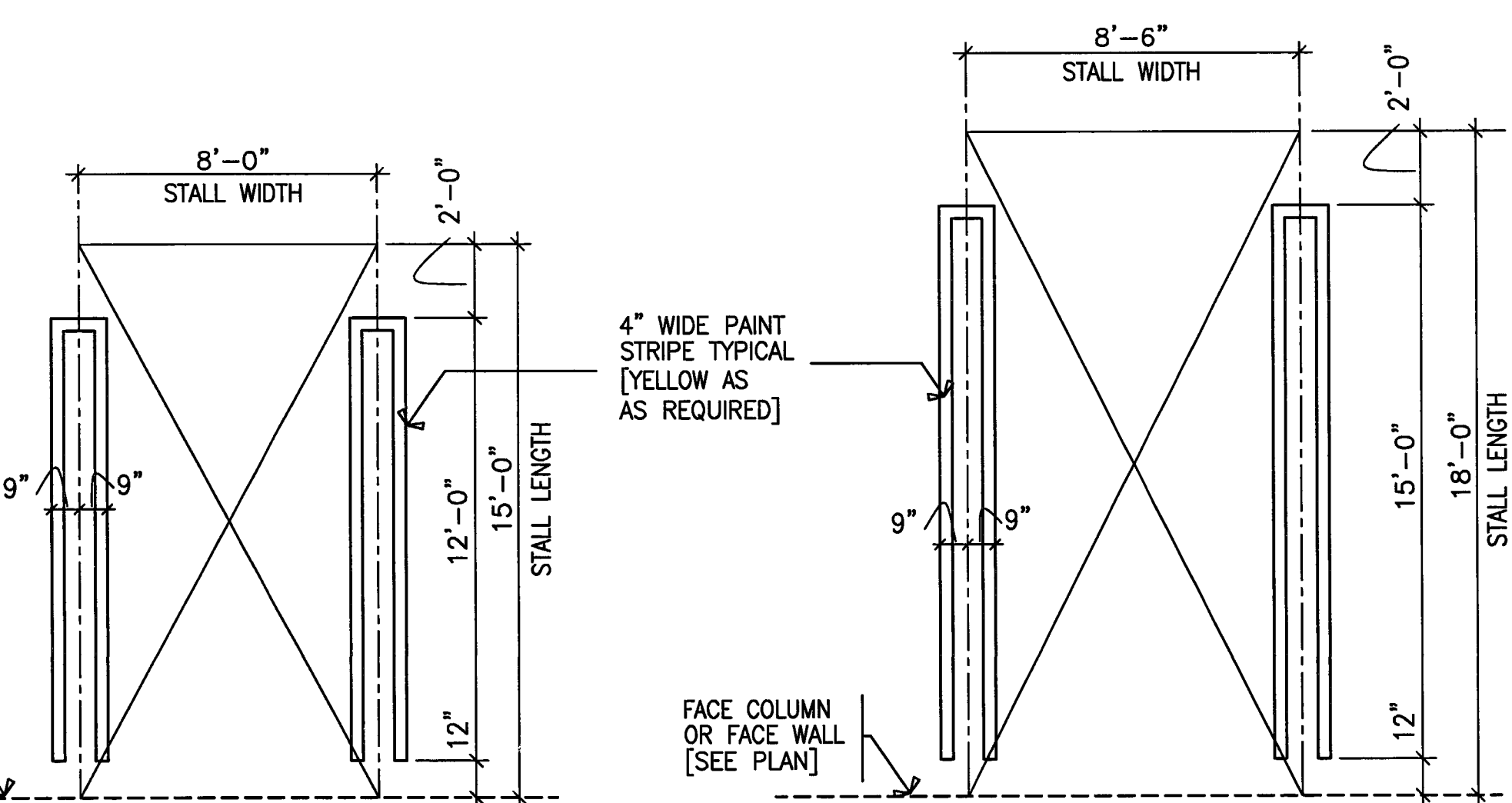
**DISABLED PARKING NOTES**

1. THE MINIMUM LENGTH OF AN ACCESSIBLE PARKING SPACE SHALL BE 18'-0".
2. ONE IN EVERY EIGHT ACCESSIBLE SPACES, BUT NOT LESS THAN ONE, SHALL BE SERVED BY AN ACCESS AISLE 96" WIDE MINIMUM AND SHALL BE DESIGNATED VAN ACCESSIBLE. ALL SUCH SPACES MAY BE GROUPED ON ONE LEVEL OF A PARKING STRUCTURE.
3. SURFACE SLOPES OF ACCESSIBLE PARKING SPACES SHALL BE THE MINIMUM POSSIBLE AND SHALL NOT EXCEED 1 UNIT VERTICAL TO 50 UNITS HORIZONTAL IN ANY DIRECTION. THIS SHALL APPLY TO THE LOADING AISLES AS WELL. ALL ENTRANCES TO AND VERTICAL CLEARANCES WITHIN PARKING STRUCTURES SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8'-2" WHERE REQUIRED FOR ACCESSIBILITY TO ACCESSIBLE PARKING SPACES. THE VERTICAL CLEARANCE SHALL BE CLEAR OF ALL OBSTRUCTIONS, INCLUDING BEAMS, SPRINKLER HEADS, WATER AND SEWER PIPING.
4. IN EACH PARKING AREA BUMPER OR CURB SHALL BE PROVIDED AND LOCATED TO PREVENT ENCROACHMENT OF CARS OVER THE REQUIRED WIDTH OF WALKWAYS.
5. PEDESTRIAN WAYS WHICH ARE ACCESSIBLE TO PEOPLE WITH DISABILITIES SHALL BE PROVIDED FROM EACH SUCH PARKING SPACE TO RELATED FACILITIES, INCLUDING CURB CUTS AS NEEDED.
6. ACCESSIBLE PARKING SPACES SHALL BE SO LOCATED THAT PERSONS WITH DISABILITIES ARE NOT COMPELLED TO WHEEL OR WALK BEHIND PARKED CARS OTHER THAN THEIR OWN.
7. RAMP SHALL NOT ENCRUCH INTO ANY PARKING SPACE, WITH THE EXCEPTION OF A TRANSITION RAMP FROM A LOADING/ UNLOADING AREA TO AN ADJACENT SIDEWALK. THE TRANSITION RAMP SHALL BE A MINIMUM OF 48" IN WIDTH, A MAXIMUM OF 60" IN LENGTH, WITH A MAXIMUM SLOPE OF 1:12.
8. EACH PARKING SPACE RESERVED FOR PERSONS WITH DISABILITIES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM EACH STALL OR SPACE, CONSISTING OF A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE OR DARK BLUE BACKGROUND. THE SIGN SHALL NOT BE SMALLER THAN 70 SQUARE INCHES IN AREA AND, WHEN IN A PATH OF TRAVEL, SHALL BE POSTED AT A MINIMUM HEIGHT OF 80" FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE.
9. VAN ACCESSIBLE PARKING SPACE SHALL HAVE AN ADDITIONAL SIGN STATING "VAN ACCESSIBLE" MOUNTED BELOW THE SYMBOL OF ACCESSIBILITY AND POSTED AT A MINIMUM HEIGHT OF 80" FROM THE BOTTOM OF THE SIGN TO THE PARKING SPACE FINISHED GRADE.
10. SIGNS TO IDENTIFY ACCESSIBLE PARKING SPACES MAY BE CENTERED ON THE WALL AT THE INTERIOR END OF THE PARKING SPACE AT A MINIMUM HEIGHT OF 36" FROM THE PARKING SPACE FINISHED GRADE, GROUND OR SIDEWALK.
11. THE SURFACE OF EACH ACCESSIBLE PARKING SPACE OR STALL SHALL HAVE A SURFACE IDENTIFICATION DUPLICATING EITHER ONE OF THE FOLLOWING SCHEMES:  
 A. BY OUTLINING OR PAINTING THE STALL OR SPACE IN BLUE AND OUTLINING ON THE GROUND IN THE STALL OR SPACE IN WHITE OR SUITABLE CONTRASTING COLOR A PROFILE VIEW DEPICTING A WHEELCHAIR WITH OCCUPANT; OR  
 B. BY OUTLINING A PROFILE VIEW OF A WHEELCHAIR WITH OCCUPANT IN WHITE ON BLUE BACKGROUND. THE PROFILE VIEW SHALL BE LOCATED SO THAT IT IS VISIBLE TO A TRAFFIC ENFORCEMENT OFFICER WHEN A VEHICLE IS PROPERLY PARKED IN THE SPACE AND SHALL BE 36" HIGH BY 36" WIDE.
12. THE WORDS "NO PARKING" SHALL BE PAINTED ON THE GROUND WITHIN THE FIVE-FOOT LOADING AND UNLOADING AISLE. THIS NOTICE SHALL BE PAINTED IN WHITE LETTERS NOT LESS THAN 12" INCHES HIGH AND LOCATED SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS.

THE WORDS "NO PARKING" SHALL BE PAINTED ON THE GROUND IN WHITE 12" HIGH LETTERS SEE THE NOTES THIS SHEET FOR ADDITIONAL INFORMATION.

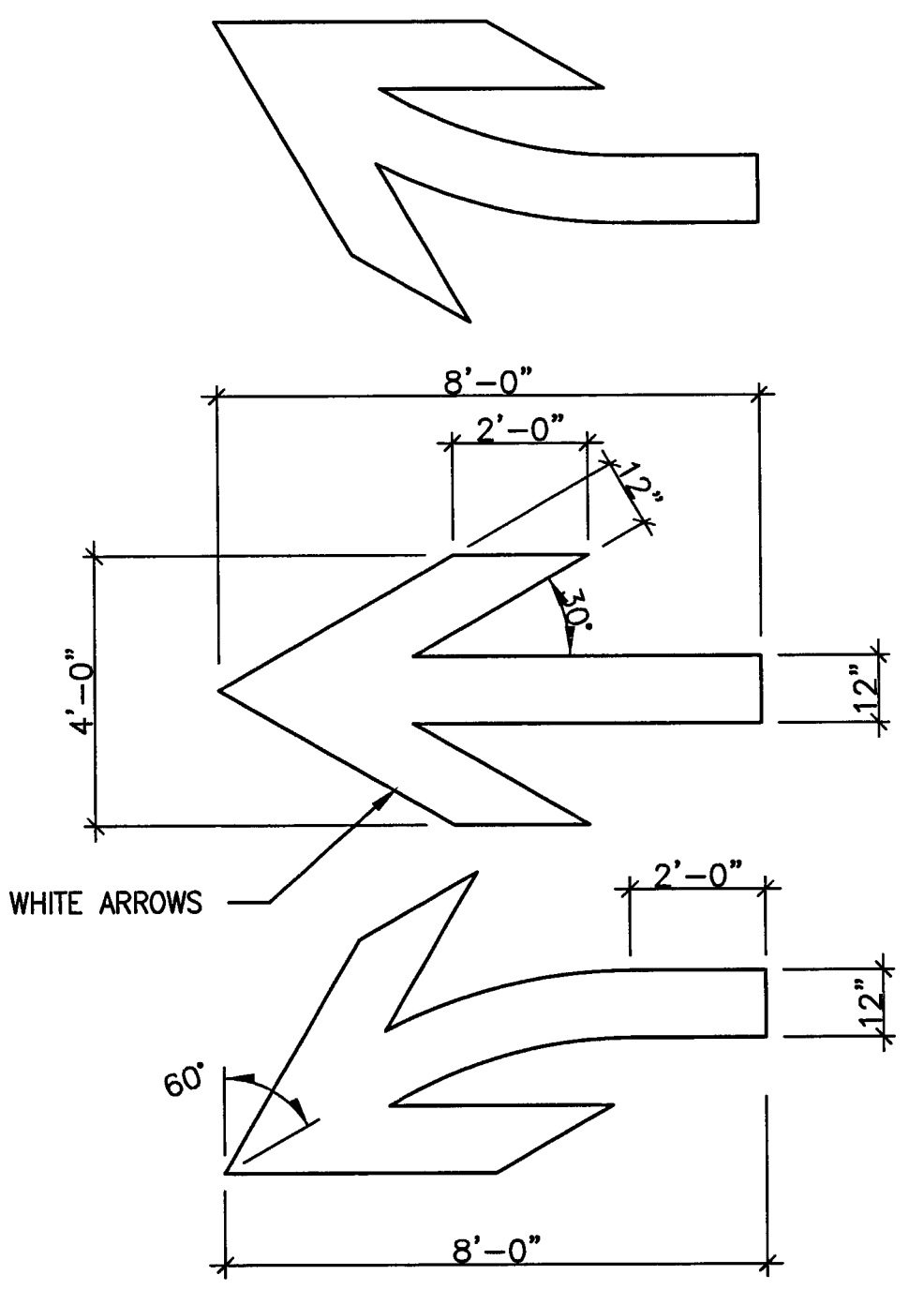


**2 TYP. DISABLED STALL STRIPING**  
 SCALE: 1/4" = 1'-0"

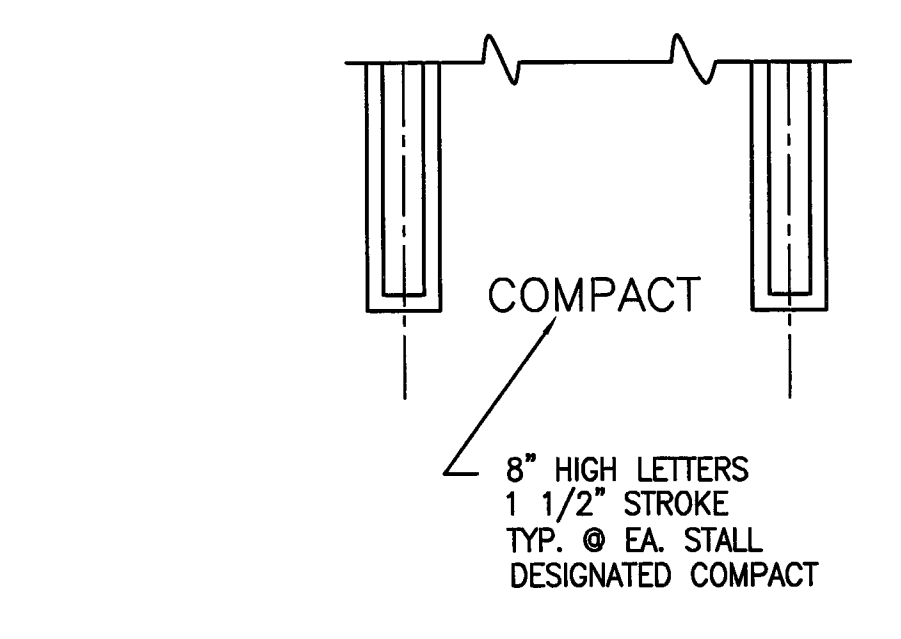


**1 TYPICAL STALL STRIPING**  
 SCALE: 1/4" = 1'-0"

- NOTE:** AT THE ENTRANCES TO THE PARKING STRUCTURE PROVIDE SIGNS THAT STATE THE FOLLOWING INFORMATION REGARDING COMPACT PARKING SPACES
- (i) COMPACT CARS ARE TO BE PARKED IN COMPACT STALLS WHEN AVAILABLE
  - (ii) STANDARD-SIZE CARS SHALL NOT BE PARKED IN "COMPACT ONLY" STALLS
  - (iii) PROBLEMS CONCERNING PARKING SHOULD BE REPORTED TO THE PROPERTY OWNER OR A DESIGNATED REPRESENTATIVE
  - (iv) THE PHONE NUMBER OF THE PROPERTY OWNER OR A DESIGNATED REPRESENTATIVE



**4 TRAFFIC ARROWS**  
 SCALE: 1/2" = 1'-0"



**3 TYPICAL COMPACT MARKING**  
 SCALE: 1/4" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**

City of Stockton

**DESIGN BUILDER:**

**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

**CONSULTANTS:**

Architect - Planning Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 8670

Design Architect  
**Wensell Matthews Bowe**  
 246 E. Wash Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Oil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

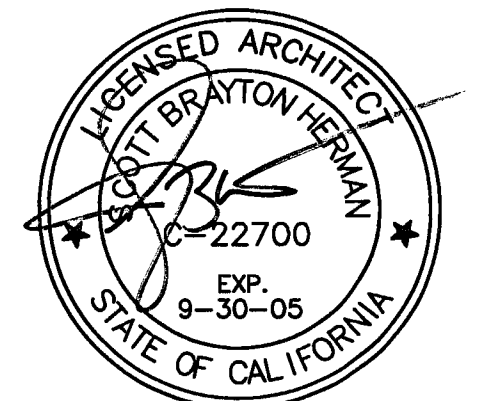
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

**CONST. DOCUMENTS**

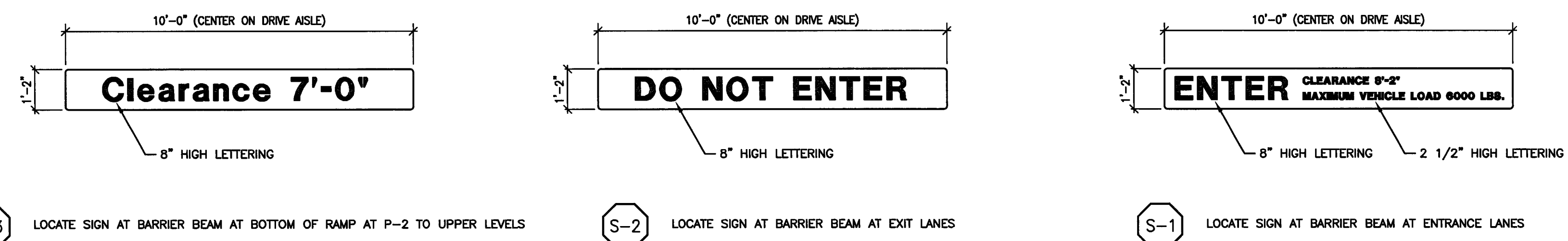
REVISIONS:	
11/29/04	PLANCHCK SET
3/11/05	PERMIT SET



**TYPICAL SIGNAGE DETAILS**

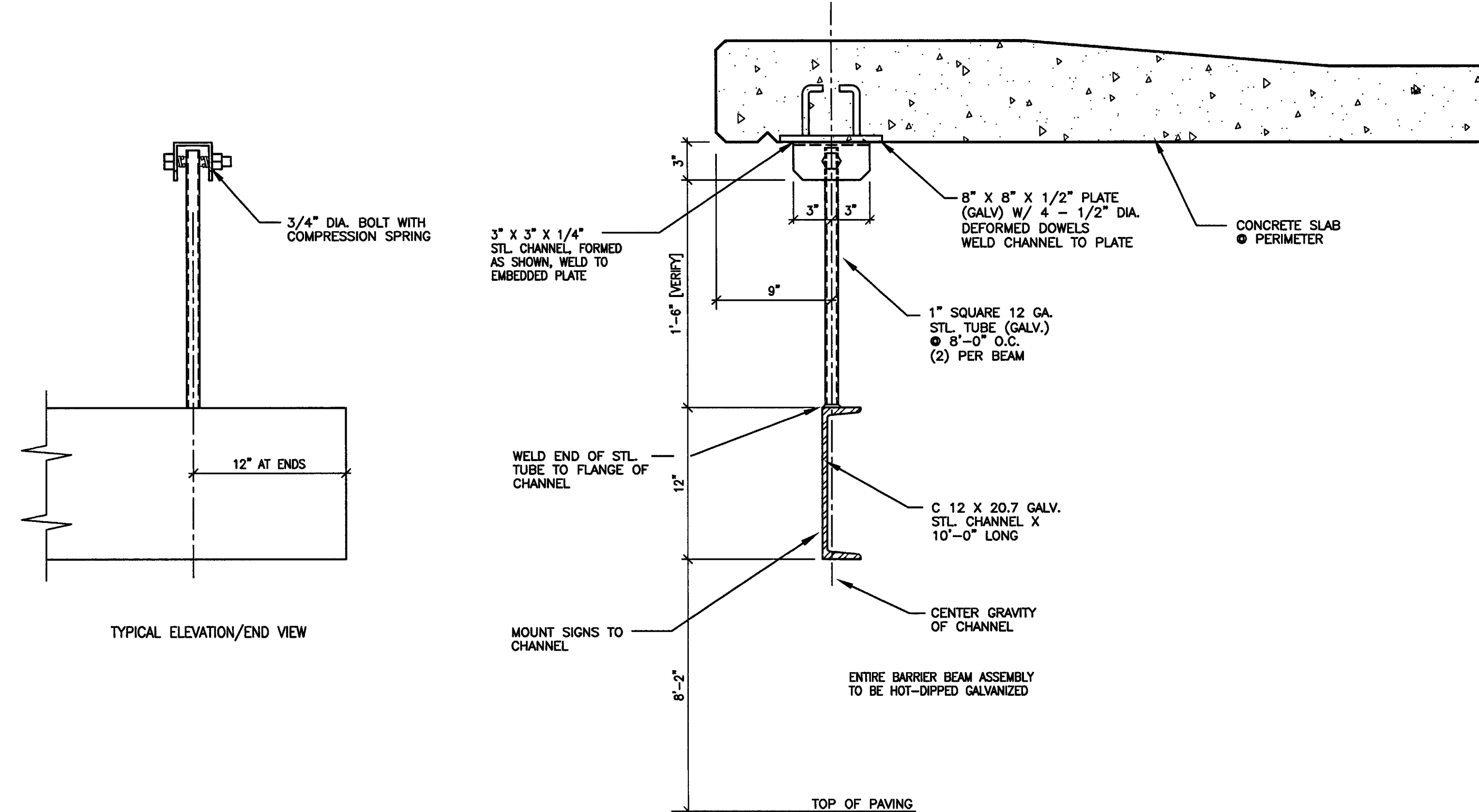
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DRAWN BY	CHECKED BY
SBH	SBH
DRAWING NO.	SHEET
2320A-11-2	
PROGRAM NO.	R-NO.

DRAWING NO:  
**A-11.2**  
 PROJECT NO:  
 HNA 2319

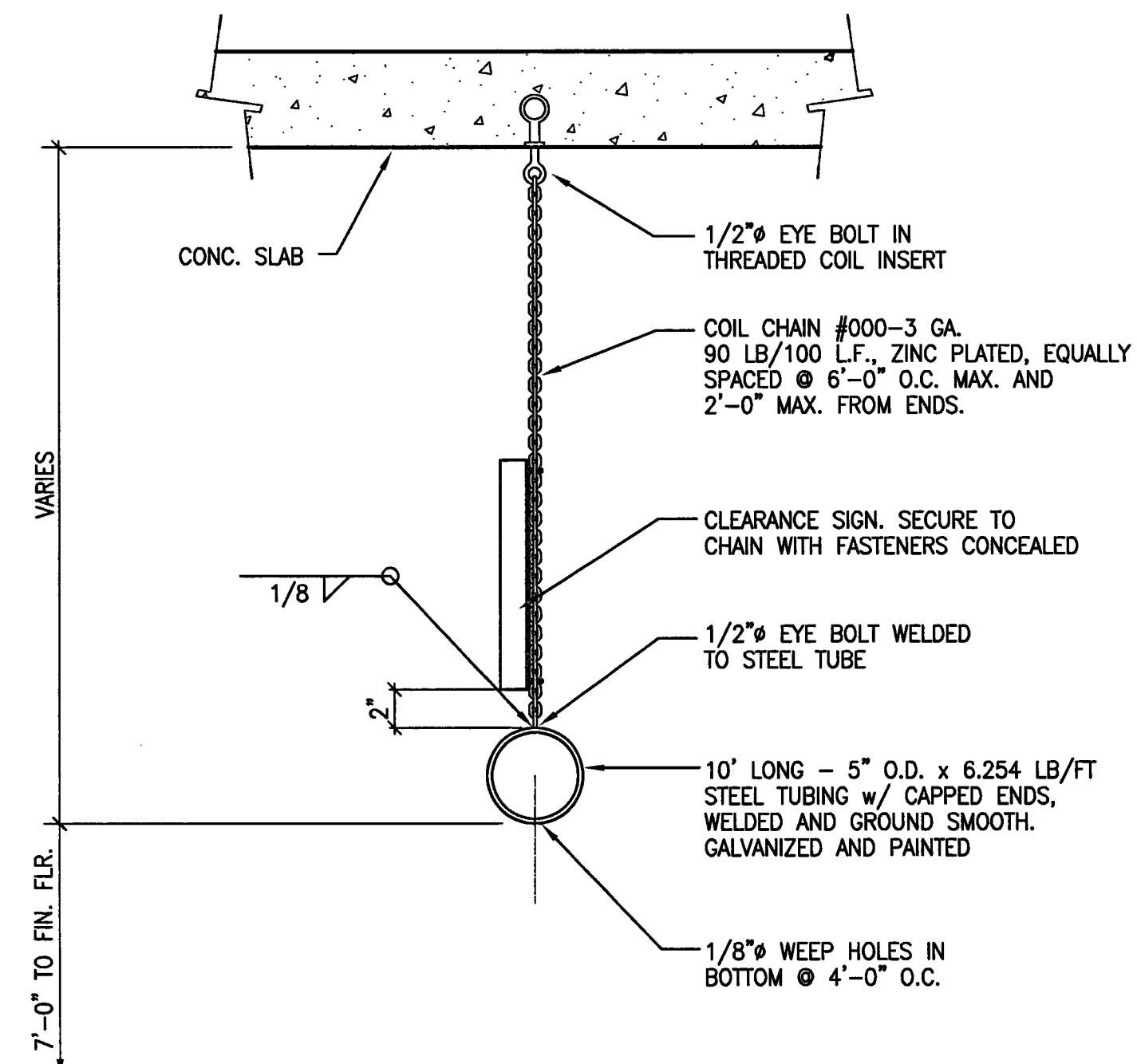


**S-3** LOCATE SIGN AT BARRIER BEAM AT BOTTOM OF RAMP AT P-2 TO UPPER LEVELS  
**S-2** LOCATE SIGN AT BARRIER BEAM AT EXIT LANES  
**S-1** LOCATE SIGN AT BARRIER BEAM AT ENTRANCE LANES

**8 DIRECTIONAL SIGN MESSAGES**  
 SCALE: 3/8" = 1'-0"



**5 BARRIER BEAM @ ENTRANCES**  
 SCALE: 1 1/2" = 1'-0"

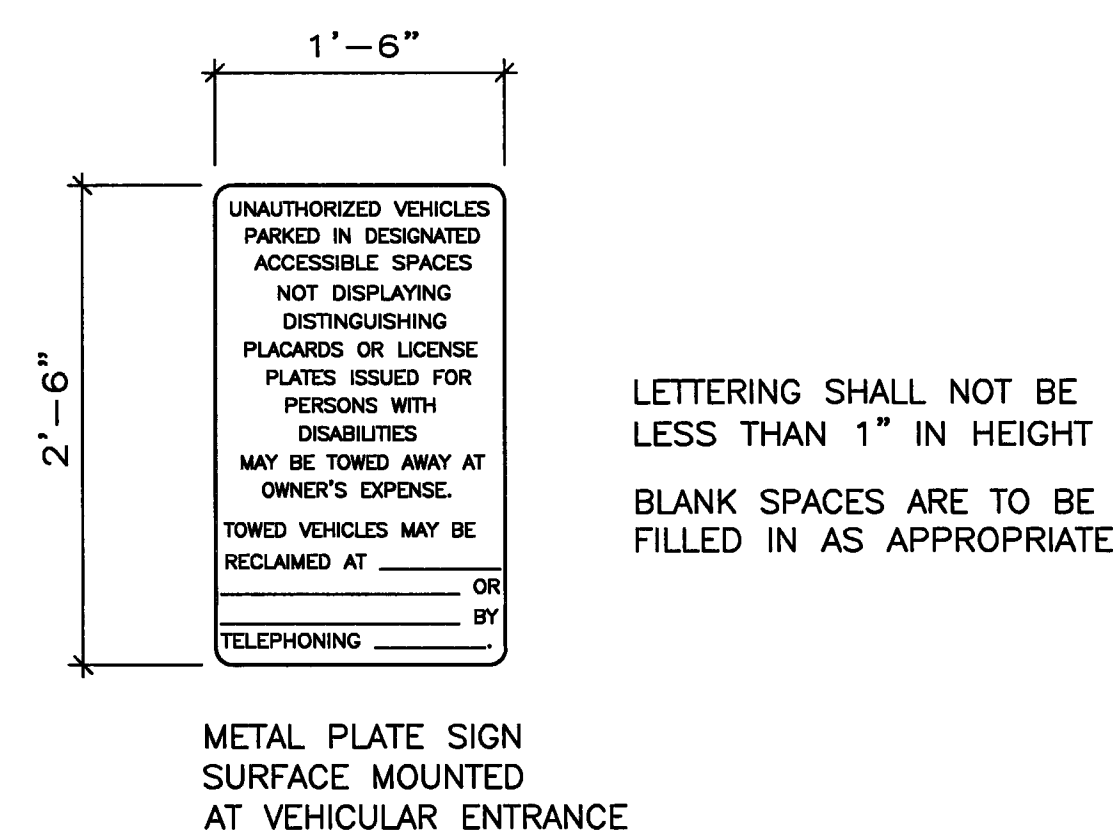


**6 CLEARANCE BARRIER DETAIL**  
 SCALE: 1 1/2" = 1'-0"

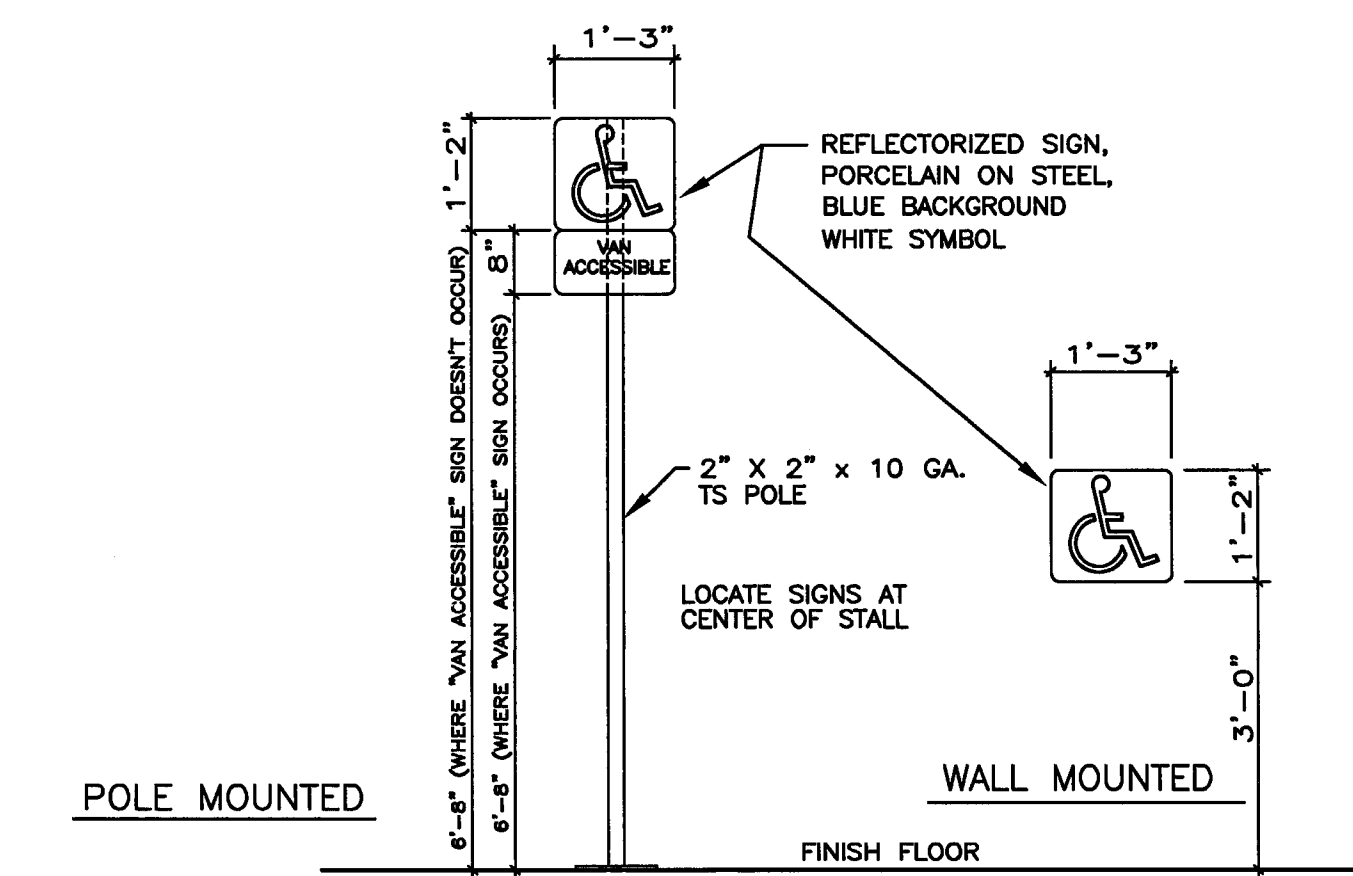
PROVIDE THE FOLLOWING SIGNS FOR THE PROJECT: (NOT SHOWN ON PLANS)

- AT EACH ELEVATOR LANDING PROVIDE A SIGN WITH VERBAL AS WELL AS GRAPHIC SYMBOLIZATION THAT STATES:  
 "IN CASE OF FIRE - DO NOT USE ELEVATORS - USE STAIRS"
- AT ELECTRICAL ROOM PROVIDE SIGNAGE STATING:  
 "ELECTRICAL ROOM"
- AT ELEVATOR MACHINE ROOM PROVIDE SIGNAGE STATING:  
 "ELEVATOR MACHINE ROOM"

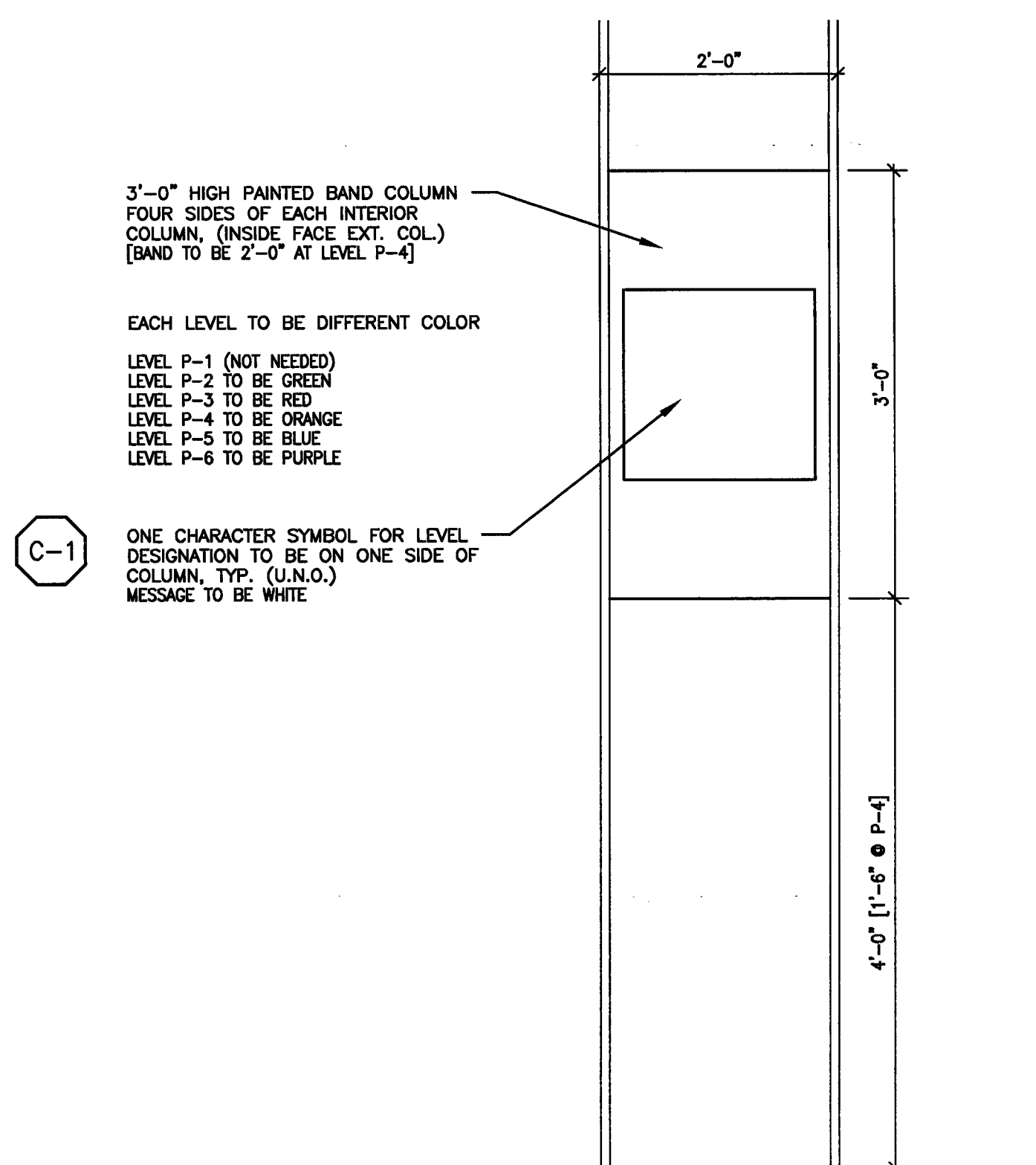
SEE SHEET A-11.1 FOR SURFACE PAINTED GRAPHICS AND STRIPING DETAILS



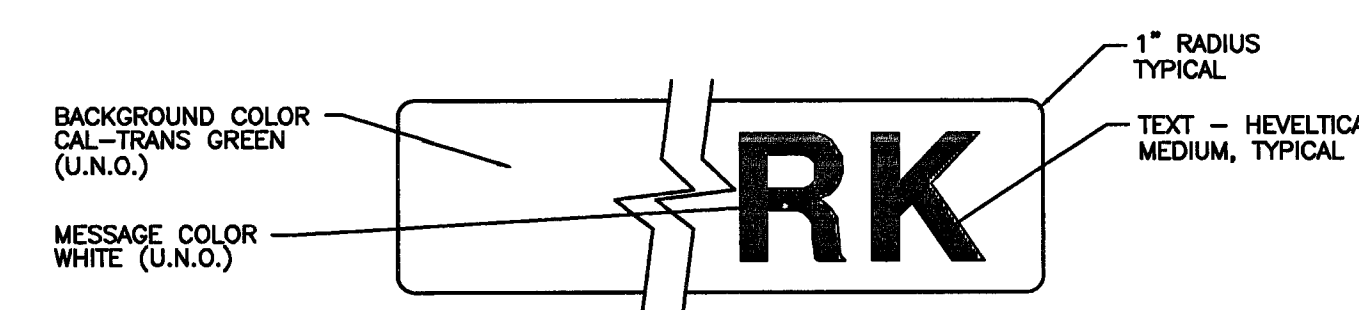
**2 DISABLED STALL SIGNS**  
 SCALE: 1" = 1'-0"



**1 DISABLED STALL SIGNS**  
 SCALE: 1/2" = 1'-0"



**7 STENCIL PAINTED COLUMN SIGNS**  
 SCALE: 1" = 1'-0"



**4 TYPICAL SIGN DETAILING**  
 SCALE: 1" = 1'-0"

**3 INFORMATIONAL SIGN SCHEDULE**  
 SCALE: NONE

# GENERAL NOTES

## SECTION 1: GENERAL

1-1 CODE OF REFERENCE: ALL WORK SHALL CONFORM TO THE STANDARDS OF THE LATEST EDITION OF THE 2001 CALIFORNIA BUILDING CODE, ASTM STANDARDS REFERENCED ON THESE DRAWINGS SHALL BE OF THE LATEST EDITION.

1-2 STRUCTURAL OBSERVATION: STRUCTURAL OBSERVATION IS REQUIRED FOR THE STRUCTURAL SYSTEM IN ACCORDANCE WITH CBC SECTION 1702. STRUCTURAL OBSERVATION IS THE VISUAL OBSERVATION OF THE ELEMENTS AND CONNECTIONS OF THE STRUCTURAL SYSTEM AT SIGNIFICANT CONSTRUCTION STAGES AND THE COMPLETED STRUCTURE FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS. STRUCTURAL OBSERVATION DOES NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED BY THE BUILDING INSPECTOR OR THE DEPUTY INSPECTOR.

A FINAL OBSERVATION REPORT MUST BE SUBMITTED SHOWING THAT ALL OBSERVED DEFICIENCIES WERE RESOLVED AND THE STRUCTURAL SYSTEM GENERALLY CONFORMS WITH THE APPROVED PLANS AND SPECIFICATIONS. THE DEPARTMENT OF BUILDING AND SAFETY WILL NOT ACCEPT THE STRUCTURAL WORK WITHOUT THIS FINAL OBSERVATION REPORT AND THE CORRECTION OF THE SPECIFIC DEFICIENCIES NOTED DURING NORMAL BUILDING AND DEPUTY INSPECTION.

1-3 SPECIAL INSPECTION: FULL-TIME SPECIAL INSPECTION PER SECTION 1701 OF THE CBC SHALL BE PROVIDED FOR THE FOLLOWING TYPES OF CONSTRUCTION:

CONCRETE REINFORCING STEEL PRESTRESSING TENDONS CONCRETE BOLTS, EMBEDS, AND DRILLED ANCHORS WELDING OF STRUCTURAL OR REINFORCING STEEL STRUCTURAL MASONRY SPECIAL GRADING, EXCAVATING, AND FILLING CAISSONS

THE SPECIAL INSPECTOR SHALL BE ACCEPTABLE TO THE STRUCTURAL ENGINEER AND BUILDING DEPARTMENT, SHALL BE ICBO QUALIFIED, AND THEIR EXPERIENCE SHALL BE COMMENSURATE WITH THIS TYPE OF PROJECT.

1-4 CONTRACTOR COORDINATION/VERIFICATION: THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB SITE CONDITIONS. ANY DISCREPANCIES WITH THE SITE OR IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO CONSTRUCTION.

IF A PARTICULAR FEATURE OF CONSTRUCTION IS NOT FULLY SHOWN ON THE DRAWINGS OR IN THE SPECIFICATIONS, THEN IT SHALL BE CONSIDERED IN THE SAME CHARACTER AS SIMILAR CONDITIONS THAT ARE SHOWN IN THE DESIGN DOCUMENTS, AND SHALL BE REVIEWED BY THE ARCHITECT.

CONDITIONS NOTED IN THE DRAWINGS AS "EXISTING" SHALL BE FIELD VERIFIED BY THE CONTRACTOR. IF THERE ARE DISCREPANCIES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND NOT PROCEED WITH CONSTRUCTION UNTIL FURTHER DIRECTION IS PROVIDED.

1-5 CONSTRUCTION METHODS: THE DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, AND UNLESS SPECIFICALLY NOTED OTHERWISE, DO NOT SHOW THE METHOD OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR THE METHOD OF CONSTRUCTION, AND SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE PUBLIC.

1-6 OPENINGS IN STRUCTURAL ELEMENTS: OPENINGS, POCKETS, ETC. SHALL NOT BE PLACED IN SLABS, BEAMS, COLUMNS, WALLS, FOOTINGS, ETC., UNLESS SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS.

THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THE SIZES AND LOCATIONS OF ALL OPENINGS, POCKETS, ETC. TO BE DRILLED, CORED OR CUT IN SLABS, BEAMS, COLUMNS, WALLS, FOOTINGS, ETC. PRIOR TO INSTALLATION. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO AVOID DAMAGING CONCRETE OR MASONRY REINFORCEMENT.

1-7 DESIGN CRITERIA: THE STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING CRITERIA:

SEISMIC ZONE: 3  
SEISMIC FACTORS:  $R=8.5$  NORTH-SOUTH  
 $R=5.5$  EAST-WEST  
 $I=1.0$

SOIL PROFILE TYPE: Sd  
WIND SPEED: 70 MPH  
WIND EXPOSURE: B

LIVE LOADS:  
PARKING LEVELS .....50 PSF REDUCIBLE

1-8 TYPICAL DETAILS: SEE SHEETS S3.0, S4.1, S4.2, S4.3, S4.4 AND S4.5.

1-9 THESE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE STRUCTURAL SPECIFICATIONS FOR THIS PROJECT. IF THERE ARE ANY DISCREPANCIES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE STRUCTURAL ENGINEER AND NOT PROCEED WITH CONSTRUCTION UNTIL FURTHER DIRECTION OR CLARIFICATION IS PROVIDED BY THE STRUCTURAL ENGINEER. IN ALL CASES, STRUCTURAL DRAWINGS SHALL GOVERN.

## SECTION 2: FOUNDATIONS

2-1 GEOTECHNICAL REPORT: FOUNDATIONS BASED ON RECOMMENDATIONS IN THE FOLLOWING REPORT:

COMPANY: KLEINFELDER  
PROJECT NUMBER: 37415.001  
DATE: 08/11/04  
AND LETTER DATED NOVEMBER 10, 2004

2-2 GRADING AND SITEWORK: ALL SOILS WORK SHALL BE DONE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.

2-3 GEOTECHNICAL ENGINEER'S REVIEW: THE GEOTECHNICAL ENGINEER SHALL REVIEW THE FOLLOWING WORK, AND SUBMIT TO THE ARCHITECT AND BUILDING DEPARTMENT A LETTER OF COMPLIANCE:

- THE BUILDING PAD WAS PREPARED IN ACCORDANCE W/ THE SOILS REPORT
- THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED
- THE FOUNDATION EXCAVATIONS COMPLY W/ THE INTENT OF THE SOILS REPORT
- THE CAISSONS INSTALLATION COMPLIES W/ THE INTENT OF THE SOILS REPORT

## SECTION 3: CONCRETE

3-1 MATERIALS:

A. AGGREGATES: AGGREGATE FOR NORMAL-WEIGHT CONCRETE SHALL CONFORM TO ASTM C-33. COARSE AGGREGATE SIZE SHALL BE NO. 4/5 (1-1/2" TO NO. 4) OR NO. 5/7 (1" TO NO. 4) FOR ALL OTHER CONCRETE. 3/8" AGGREGATE MAY BE USED WITH THE ENGINEER'S REVIEW.

AGGREGATES SHALL NOT CONTAIN MATERIAL WHICH ARE ALKALI REACTIVE AS DETERMINED BY ASTM C-227, 289 AND 295. IF TEST DATA IS UNAVAILABLE IN REGARDS TO ALKALI REACTIVE MATERIALS, PROVIDE CEMENT WITH A MAXIMUM ALKALI CONTENT LESS THAN 0.45% BY WEIGHT, OR PROVIDE FLY ASH PER NOTE 3-1.C.

B. CEMENT: CEMENT SHALL CONFORM TO ASTM C-150, TYPE II OR TYPE II-LOW ALKALI. CEMENT IN CONTACT WITH SOIL OR IRRIGATION WATER SHALL CONFORM TO THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.

C. FLY ASH: FLY ASH MAY BE USED TO OFFSET CEMENT ON A 1 TO 1 BASIS (BY WEIGHT). FLY ASH SHALL CONFORM TO ASTM C-618, CLASS F. MAXIMUM LOSS ON IGNITION SHALL NOT EXCEED 3.0% IF USED. CLASS F FLY ASH SHALL BE AT LEAST 20%, BUT NOT EXCEED 25% OF THE CEMENT PLUS FLY ASH BY WEIGHT AND SHALL CONTAIN A MAXIMUM OF 7% CALCIUM OXIDE.

D. ADMIXTURES: NO ADMIXTURE MAY CONTAIN CALCIUM CHLORIDE, OR MORE THAN 0.05% CHLORIDE IONS.

3-2 MIX DESIGNS:

A. SUBMITTALS: ALL CONCRETE MIX DESIGNS SHALL BE PREPARED BY AN ENGINEER LICENSED IN THE STATE OF CALIFORNIA, AND STAMPED & SIGNED COPIES SHALL BE SENT TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW.

COMPRESSIVE STRENGTH TESTS SHALL ALSO INCLUDE TEST RESULTS FOR SLUMP AND ENTRAINED AIR (IF SPECIFIED), AND SHALL BE SENT TO THE ENGINEER FOR REVIEW.

B. MIX REQUIREMENTS: ALL CONCRETE SHALL CONTAIN A WATER REDUCING ADMIXTURE, AND A MINIMUM OF 5 SACKS OF CEMENT PER CUBIC YARD.

ALL CONCRETE IN ELEVATED SLABS AND BEAMS SHALL HAVE A MAXIMUM WATER TO CEMENT RATIO OF 0.45.

3-3 PERFORMANCE REQUIREMENTS:

ITEM	STRENGTH (PSI)	DAYS
ELEVATED SLABS AND BEAMS:	4500	28
	3000	3
PRECAST BEAMS:	PER SUPPLIER	
SHEAR WALLS:	5000	28
COLUMNS:	PER SCHEDULE	
PILECAPS:	4000	28
MOMENT FRAME GRADE BEAMS:	4000	28
SLAB-ON-GRADE:	3000	28
ALL OTHER CONCRETE, UNLESS SPECIFICALLY NOTED:	3000	28
B. SLUMP: 4" +/- 1".		
C. CONCRETE DENSITY: 150 PCF MAXIMUM		
D. SHRINKAGE: SHRINKAGE AT 28 DAYS (PER ASTM C-157) SHALL NOT EXCEED 0.055% FOR DRY CURING.		
E. MINIMUM CONCRETE SPLITTING TENSILE STRENGTH SHALL BE 390 PSI.		

3-4 COMPRESSION TEST SAMPLES: SAMPLES SHALL BE PER CBC SECTION 1905.6, "EVALUATION AND ACCEPTANCE OF CONCRETE". EACH SAMPLE SHALL CONTAIN AT LEAST FOUR CYLINDERS, INCLUDING ONE FOR TESTING AT SEVEN DAYS AND TWO AT 28 DAYS. IF THE 28 DAY RESULTS ARE BELOW THE MINIMUM SPECIFIED 28 DAY STRENGTH, THE EXTRA CYLINDER SHALL BE TESTED AT 56 DAYS.

3-5 CONSTRUCTION JOINTS: THE HARDENED CONCRETE SURFACE AT CONSTRUCTION JOINTS SHALL HAVE A ROUGHNESS OF 1/4" AMPLITUDE, UNLESS SPECIFICALLY NOTED.

3-6 EMBEDDED ITEMS: ALL REBAR, PRESTRESSING TENDONS, ANCHOR BOLTS, STEEL EMBEDS AND OTHER EMBEDDED ITEMS SHALL BE SECURELY POSITIONED PRIOR TO PLACING CONCRETE. STEEL EMBEDS SHALL CONTAIN DRILLED HOLES FOR NAILS OR BOLTS FOR PLACEMENT.

3-7 CHAMFERS: ALL PROJECTING CORNERS OF BEAMS, SLABS, COLUMNS, ETC. SHALL BE FORMED WITH A 3/4" CHAMFER, UNLESS SPECIFICALLY NOTED OTHERWISE.

3-8 CONCRETE PUMP HOSES: PROVIDE INDEPENDENT SUPPORTS SO HOSES DO NOT REST ON SLAB REINFORCEMENT.

3-9 SLAB CONDUIT: UNLESS SPECIFICALLY NOTED OTHERWISE, CONDUIT OR EMBEDDED PIPE SIZE (OUTSIDE DIAMETER) SHALL NOT EXCEED 1/3 OF THE SLAB THICKNESS, AND SHALL BE LOCATED WITHIN THE CENTER 1/3 OF THE SLAB. CONDUIT AND PIPES SHALL BE SPACED AT LEAST THREE DIAMETERS ON CENTER (USE LARGEST DIAMETER).

## SECTION 4: PRECAST CONCRETE

4-1 SUBMITTALS:

A. BEAMS AND GRIDDERS: CALCULATIONS AND SHOP DRAWINGS FOR BEAMS AND GRIDDERS, STAMPED AND SIGNED BY AN ENGINEER LICENSED IN THE STATE OF CALIFORNIA, SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO FABRICATION.

B. SHOP DRAWINGS: SHOP DRAWINGS SHALL BE SUBMITTED FOR THE ARCHITECT'S AND ENGINEER'S REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL SHOW MEMBER DIMENSIONS, REINFORCEMENT, REVEALS, AND INSERT LOCATIONS. MEMBERS SHALL NOT BE ERRECTED UNTIL THE REVIEWED SHOP DRAWINGS ARE RECEIVED IN THE FIELD.

C. FIELD RECORDS: COPIES OF STRESSING FORCES, TENDON ELONGATIONS, CONCRETE COMPRESSION TESTS AND CONCRETE SLUMP FOR EACH DAY'S POUR AND FOR EACH TYPE OF UNIT SHALL BE SENT TO THE ENGINEER.

4-2 FABRICATION SHOP: ALL FABRICATION SHALL BE DONE IN A SHOP THAT IS ACCEPTABLE TO THE BUILDING DEPARTMENT. SPECIAL INSPECTION IS NOT REQUIRED AT MANUFACTURER'S PLANT THAT MEET THE REQUIREMENTS OF CBC SECTION 1701.7

4-3 CONSTRUCTION DESIGN: DESIGN OF ADDITIONAL REINFORCEMENT, INSERTS, ETC. REQUIRED FOR LIFTING AND HANDLING OPERATIONS SHALL BE PROVIDED BY THE PRECAST MEMBER FABRICATOR.

4-4 SHORED CONSTRUCTION: ALL BEAMS SHALL BE SHORED AT THIRD POINTS AND ALL GRIDDERS SHALL BE SHORED AT EACH SUPPORTED BEAM LOCATION. SHORES SHALL BE INSTALLED SOON BEFORE CONCRETE IS PLACED, AND NOT BE REMOVED UNTIL THE CONCRETE HAS ATTAINED 3000 PSI. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE SHORES.

## SECTION 5: MASONRY

5-1 CONCRETE MASONRY UNITS: UNITS SHALL CONFORM TO CBC STANDARD 21-4, GRADE N, TYPE I, AND SHALL BE SINGLE OR DOUBLE OPEN END BOND BEAM UNITS.

5-2 COMPRESSION STRENGTH: COMPRESSION STRENGTH OF INDIVIDUAL ELEMENTS OF CMU CONSTRUCTION SHALL EQUAL OR EXCEED THE SPECIFIED OVERALL  $f_m$ .

- OVERALL  $f_m$ : 1500 PSI.
- GROUT: 2000 PSI MINIMUM AT (28) DAYS.
- MORTAR (TYPE S): 1800 PSI MINIMUM AT (28) DAYS.

5-3 COMPRESSION TESTING:  $f_m$  SHALL BE DETERMINED BY PRISM TESTING PER CBC SECTION 2105.3.

5-4 GROUTING REQUIREMENTS:

- GROUT EXTENT: FILL ALL CELLS.
- HIGH-LIFT PROCEDURE: FOR BLOCK LIFTS OVER FIVE FEET, PROVIDE CLEANOUTS AT EVERY BOTTOM CELL. TOTAL GROUT LIFT SHALL NOT EXCEED 6'-0", AND TOTAL POUR DEPTH SHALL NOT EXCEED CBC TABLE 21-C.
- ALL GROUT SHALL CONTAIN "GROUT AID" OR EQUAL.

5-5 REINFORCING STEEL: SEE SECTION 6, "REINFORCING STEEL", EXCLUDING CLEAR COVERAGE REQUIREMENTS. REBAR POSITIONERS ARE REQUIRED PER 2/S4.5.

5-6 REBAR LAPS: LAP THE GREATER OF 60 BAR DIAMETERS OR 2'-0", UNLESS SPECIFICALLY NOTED.

5-7 ANCHORS: LOCATE ANCHOR BOLTS AND SLEEVE ANCHORS WITHIN 2" OF THE CENTER OF A CELL.

5-8 SHOP DRAWINGS: MASONRY CONTRACTOR SHALL PROVIDE REBAR SHOP DRAWINGS.

## SECTION 6: REINFORCING STEEL

6-1 MATERIALS: REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60. MOMENT FRAME AND SHEAR WALL CHORD REINFORCING (EXCLUDING TIES) SHALL BE ASTM A-706 OR SHALL MEET THE FOLLOWING REQUIREMENTS:

- ACTUAL YIELD STRENGTH SHALL NOT EXCEED SPECIFIED YIELD STRENGTH BY MORE THAN 18 KSI (RETESTS SHALL NOT EXCEED THIS VALUE BY AN ADDITIONAL 3 KSI)
- THE RATIO OF THE ACTUAL TENSILE ULTIMATE STRENGTH TO THE ACTUAL TENSILE YIELD STRENGTH SHALL NOT EXCEED 1.25

REINFORCING STEEL THAT IS TO BE WELDED SHALL CONFORM TO ASTM A-706, UNLESS SPECIFICALLY NOTED OTHERWISE. OTHER GRADES, IF ALLOWED, SHALL HAVE A MAXIMUM CARBON EQUIVALENT OF 0.65%. WELDING ELECTRODES SHALL BE LOW-HYDROGEN, AND SHALL BE E60XX FOR 60 GRADE REINFORCING STEEL, AND E70XX FOR 40 GRADE.

WIRE MESH SHALL CONFORM TO ASTM A-185.

6-2 SHOP DRAWINGS: NO REINFORCING STEEL SHALL BE PLACED UNTIL SHOP DRAWINGS THAT HAVE BEEN REVIEWED BY THE ENGINEER HAVE BEEN RECEIVED ON THE JOB SITE.

SHOP DRAWINGS SHALL CONTAIN ALL INFORMATION NECESSARY FOR CORRECTLY PLACING ALL REINFORCING STEEL WITHOUT REFERRAL TO THE STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL NOT CONTAIN ANY REPRODUCTIONS OF THE STRUCTURAL DRAWINGS.

6-3 CLEAR COVERAGE: CONCRETE CLEAR COVERAGE TO REINFORCING STEEL SHALL CONFORM TO THE FOLLOWING MINIMUMS, UNLESS SPECIFICALLY NOTED OTHERWISE:

- CAST-IN-PLACE CONCRETE:
  - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO SOIL - 3"
  - CONCRETE WITH SOIL OR WEATHER EXPOSURE:
    - #5 BARS AND SMALLER - 1 1/2"
    - #6 BARS AND LARGER - 2"
  - CONCRETE WITHOUT SOIL OR WEATHER EXPOSURE:
    - SLABS AND WALLS
      - #11 BARS AND SMALLER - 3/4"
      - #14 BARS AND LARGER - 1 1/2"
    - COLUMNS AND BEAMS - TO PRIMARY REINFORCEMENT, TIES, STIRRUPS, AND SPIRALS - 1 1/2"
- PRECAST CONCRETE (PLANT CONTROL CONDITIONS):
  - CONCRETE WITH SOIL OR WEATHER EXPOSURE:
    - WALL PANELS:
      - #11 BARS AND SMALLER - 3/4"
      - #14 BARS AND LARGER - 1 1/2"
    - OTHER MEMBERS:
      - #5 BARS AND SMALLER - 1 1/4"
      - #6 THRU #11 BARS - 1 1/2"
      - #14 BARS AND LARGER - 2"
  - PRESTRESSED CONCRETE:
    - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO SOIL - 3"
    - CONCRETE WITH SOIL OR WEATHER EXPOSURE:
      - WALL PANELS, SLABS, JOISTS - 1"
      - OTHER MEMBERS - 1 1/2"
    - CONCRETE WITHOUT SOIL OR WEATHER EXPOSURE:
      - SLABS, WALLS, AND JOISTS - 3/4"
      - COLUMNS AND BEAMS:
        - TIES, STIRRUPS, AND SPIRALS - 1"
        - PRIMARY REINFORCEMENT - 1 1/2"

6-4 LAP SPLICES: REINFORCING BARS SHALL BE LAPPED AT LENGTHS AND LOCATIONS SHOWN ON THE DRAWINGS. ADDITIONAL LAPS SHALL BE REVIEWED BY THE ENGINEER.

WIRE MESH SHALL BE LAPPED ONE WIRE SPACE PLUS 2" (8" MINIMUM) BETWEEN OUTERMOST CROSS WIRES OF ADJACENT SHEETS.

6-5 FIELD BENDING: FIELD BENDING OF REINFORCING BARS SHALL BE REVIEWED BY THE ENGINEER. BENDING OF #8 BARS AND SMALLER SHALL BE MADE COLD. BENDING OF #9, #10, AND #11 BARS MAY BE UNIFORMLY PREHEATED TO 1400 TO 1600 DEGREES F, AND BENT PER CRSI RECOMMENDATIONS.

## SECTION 10: POST-TENSIONED CONCRETE

10-1 MATERIALS:

- TENDONS: PRESTRESSING TENDONS SHALL BE UNCOATED, SEVEN-WIRE LOW RELAXATION STEEL STRAND, AND SHALL CONFORM TO ASTM A-416, GRADE 270. TENDONS SHALL BE 1/2" NOMINAL DIAMETER, WITH AN AREA OF 0.153 SQUARE INCHES.
- HARDWARE: ANCHORAGE AND COUPLING HARDWARE SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 AND THE POST-TENSIONING INSTITUTE'S GUIDELINE SPECIFICATIONS.
- MISCELLANEOUS: SHEATHING, GREASE, TAPE, ETC. SHALL CONFORM TO THE REQUIREMENTS OF PTI SPECIFICATIONS.

10-2 SUBMITTALS:

- SHOP DRAWINGS: LAYOUT AND SUPPORT BAR SHOP DRAWINGS SHALL BE SUBMITTED FOR THE ENGINEER'S REVIEW PRIOR TO FABRICATION. LAYOUT DRAWINGS SHALL INDICATE ALL TENDONS THAT ARE TO BE STRESSED FROM ONLY ONE END. FIELD PLACEMENT SHALL NOT BEGIN UNTIL THE REVIEWED SHOP DRAWINGS ARE RECEIVED IN THE FIELD.

SHOP DRAWINGS SHALL NOT CONTAIN ANY REPRODUCTIONS OF THE STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL BE COMPLETE AND STAND ALONE, SUCH THAT THEY DO NOT REFER TO THE STRUCTURAL DRAWINGS.

## SECTION 10: POST-TENSIONED CONCRETE (CONT)

10-3 INSTALLATION:

- TYPICAL DETAILS: FOR POST-TENSIONING DETAILS, SEE SHEET S4.2
- SUPPORT BARS: SUPPORT BARS SHALL BE #4 OR LARGER AND SPACED AT A MAXIMUM OF 3'-0" ON CENTER, WITH 2'-0" MINIMUM LAP SPLICES.
- TENDON SECURING: TENDONS AND SUPPORT BARS SHALL BE FIRMLY ANCHORED TO PREVENT DISPLACEMENT FROM SPECIFIED VERTICAL AND HORIZONTAL POSITIONS. ALL SUPPORT BARS SHALL BE CHAIRED AT EACH TENDON.

CONCRETE WILL BE PLACED SO AS TO NOT DISTURB TENDON PLACEMENT. ANY TENDON DISPLACED DURING CONCRETE PLACEMENT SHALL BE MOVED BACK TO THE SPECIFIED PROFILE IMMEDIATELY.

D. TENDONS AT COLUMNS: IN FLAT PLATE CONSTRUCTION, A MINIMUM OF TWO TENDONS SHALL BE PLACED OVER EACH COLUMN IN EACH DIRECTION. IN CASE OF CONFLICT, TENDON VERTICAL ORIGINATES FOR Banded Tendons SHALL GOVERN OVER DISTRIBUTED TENDONS.

E. TENDON INTERFERENCE: WHEN PERPENDICULAR TENDONS REQUIRE THE SAME VERTICAL ORIGINATE AT THE SAME LOCATION, ONE TENDON MAY BE MOVED HORIZONTALLY TO AVOID THE INTERFERENCE.

THE SPECIFIED TENDON PROFILE GOVERNS WHEN REBAR OR CONDUITS INTERFERE WITH ANY TENDONS.

F. SHEATHING REPAIR: ANY SHEATHING DAMAGE LONGER THAN ONE INCH SHALL BE REPAIRED AND ALL SHEATHING TO STRESSING ANCHOR CONNECTIONS SHALL BE WRAPPED WITH TAPE TO PREVENT CEMENT SEEPAGE INTO THE TENDON OR ANCHOR.

G. TENDON BAND ANCHORAGE: TENDON BANDS (GROUPS OF 3 OR MORE) REQUIRE SPECIAL SLAB REINFORCEMENT, SEE DETAIL S/54.2.

H. CLEAR COVER: TENDONS SHALL CLEAR OPENINGS PER DETAIL 6/S4.2.

10-4 STRESSING:

- OPERATOR EXPERIENCE: ALL STRESSING OPERATIONS SHALL BE PERFORMED UNDER THE IMMEDIATE CONTROL OF A PERSON EXPERIENCED IN THIS TYPE OF WORK.
- CONCRETE STRENGTH: STRESSING SHALL NOT COMMENCE UNTIL THE CONCRETE HAS REACHED AT LEAST 3000 PSI, AS INDICATED BY FIELD CURED COMPRESSION CYLINDERS.

C. CALIBRATION: EACH HYDRAULIC JACK SHALL BE CALIBRATED WITH AN ACCURATE READING PRESSURE GAUGE. EACH UNIT SHALL HAVE A CERTIFIED CALIBRATION SHEET. IF THE MEASURED ELONGATIONS BECOME INCONSISTENT, THE UNIT SHALL BE RECALIBRATED.

D. JACKING FORCE: THE MAXIMUM JACKING FORCE SHALL NOT EXCEED 80% OF THE TENDON'S SPECIFIED TENSILE FORCE, NOR 94% OF THE TENDON'S SPECIFIED YIELD FORCE. THE MAXIMUM FORCE IN THE TENDON AFTER ANCHORAGE SHALL BE 70% OF THE SPECIFIED TENSILE FORCE.

E. ELONGATIONS: THE MEASURED TENDON ELONGATIONS SHALL BE WITHIN 7% OF THE CALCULATED ELONGATIONS, OR WITHIN 1/6" FOR SHORT TENDONS. IF THE ELONGATIONS CONSISTENTLY EXCEED THIS LIMIT, RECALIBRATE THE JACK UNIT.

F. STRESSING SEQUENCE:
 

- ALL TEMPERATURE TENDONS
- ALL THROUGH SLAB (DISTRIBUTED) TENDONS.

G. TWO-WAY TENDON PULLS: FULL JACK FORCE SHALL BE APPLIED AT EACH END OF A TWO-WAY PULL. THE ANCHOR WEDGES AT THE OPPOSITE END OF THE PULL MUST BE FULLY SEATED AND CAUSE NO TENDON SLIPPAGE. THE TOTAL TENDON ELONGATION IS THE SUM OF THE ELONGATIONS AT EACH END.

H. SAFETY: TAKE ALL NECESSARY SAFETY PRECAUTIONS. DO NOT ALLOW ANYBODY TO STAND BEHIND JACKS DURING STRESSING.

10-5 TENDON DAMAGE: NO DRILLING, CORING, OR POWDER SHOTS SHALL BE PLACED IN THE POST-TENSIONED SLAB THAT MAY DAMAGE OR CONTACT ANY TENDONS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATIONS OF ALL SLAB PENETRATIONS WITH TENDON DAMAGE POTENTIAL.

## SECTION 20: MISCELLANEOUS

20-1 NON-SHRINK GROUT: NON-SHRINK GROUT SHALL BE A NON-METALLIC, PREMIXED, CEMENTITIOUS MIXTURE WITH NO SHRINKAGE AFTER PLACEMENT AND NO EXPANSION AFTER SET, PER ASTM C-827. COMPRESSIVE STRENGTH, PER ASTM C-109, SHALL BE AT LEAST 3000 PSI AT ONE DAY AND 5000 PSI AT 28 DAYS.

20-2 EXPANSION ANCHORS: EXPANSION ANCHORS IN CONCRETE SHALL BE RAMSET/REDHEAD TRUBOLT WEDGE ANCHORS OR EQUAL. EXPANSION ANCHORS IN MASONRY SHALL BE RAMSET/REDHEAD DYNABOLT SLEEVE ANCHORS OR EQUAL.

20-3 EPOXY/ADHESIVE ANCHORS: EPOXY ADHESIVE ANCHORS IN CONCRETE OR CMU SHALL BE RAMSET/REDHEAD EPOON SYSTEM ANCHORS OR EQUAL.

20-4 STEEL STAIRS: STEEL STAIRS SHALL BE DESIGNED BY THE STAIR FABRICATOR PER THE REQUIREMENTS OF THE ARCHITECTURAL DRAWINGS AND THE CBC FOR A 100 PSF LIVE LOAD. CALCULATIONS AND SHOP DRAWINGS, STAMPED AND SIGNED BY AN ENGINEER LICENSED IN THE STATE OF CALIFORNIA, SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO STAIR FABRICATION.

20-5 EXTERIOR FACADE: EXTERIOR FACADE SHALL BE DESIGNED BY THE STAIR FABRICATOR PER THE REQUIREMENTS OF THE ARCHITECTURAL DRAWINGS AND THE CBC. CALCULATIONS AND SHOP DRAWINGS, STAMPED AND SIGNED BY AN ENGINEER LICENSED IN THE STATE OF CALIFORNIA, SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO STAIR FABRICATION.

20-6 GENERAL CONTRACTOR SHALL KEEP A DIGITAL CAMERA ON-SITE AND PROVIDE PHOTOGRAPHS REQUESTED BY THE STRUCTURAL ENGINEER WITHIN TWO WORKING DAYS VIA ELECTRONIC MAIL.

20-7 DEFERRED SUBMITTALS SHALL BE REVIEWED BY THE ENGINEER OF RECORD PRIOR TO BEING SUBMITTED TO THE BUILDING DEPARTMENT AND SHALL INCLUDE THE FOLLOWING:

- PRECAST CONCRETE BEAMS: SEE SECTION 4 ON SHEET S1.0.
- STEEL STAIRS: SEE NOTE 20-4 ON SHEET S1.0.
- EXTERIOR FACADES AND CANOPIES: SEE NOTE 20-5 ON SHEET S1.0.

## ABBREVIATIONS

AB	ANCHOR BOLT	COL	COLUMN	EN	EDGE NAILING	H&L	HIGH AND LOW	MFR	MANUFACTURER	PLYWD	PLYWOOD	SWWR	STRUCTURAL WELDED WIRE REINFORCEMENT
ADD'L	ADDITIONAL	CONC	CONCRETE	EQ	EQUAL	HDR	HEADER	MIN	MINIMUM	PLCS	PLACES	SYM	SYMMETRICAL
ADJ	ADJACENT	CONN	CONNECTION	ES	EACH SIDE	HORIZ (H)	HORIZONTAL	MISC.	MISCELLANEOUS	PP	PARTIAL PENETRATION	T&B	TOP & BOTTOM
ALT	ALTERNATE	CONSTR	CONSTRUCTION	EXIST (E)	EXISTING	HSB	HIGH STRENGTH BOLTS	MTL	METAL	PT	PRESSURE TREATED	T O (P)	TOP OF (PLYWOOD)
ANC	ANCHOR	CONT	CONTINUOUS	EXP	EXPANSION	ID	INSIDE DIAMETER	(N)	NEW	P/C	PRECAST CONCRETE	TOP	TOP-OF-CONCRETE
ARCH	ARCHITECTURAL	CONTR	CONTRACTOR	EXT	EXTERIOR	INT	INTERIOR	NOM	NOMINAL	P/T	POST-TENSIONED	TOP	TOP-OF-FOOTING
BLDG	BUILDING	CP	COMPLETE PENETRATION	EW	EACH WAY	JST	JOIST	NS	NEAR SIDE	REINF	REINFORCEMENT	TOS	TOP-OF-STEEL
BLKG	BLOCKING	CTR	CENTER	FF	FINISH FLOOR	JT	JOINT	NSA	NELSON STUD ANCHOR	REQ'D	REQUIRED	TOW	TOP-OF-WALL
BM	BEAM	CTSK	COUNTERSINK	FIN	FINISH	K	KIPS	NOT TO SCALE	NOT TO SCALE	SC	SLIP CRITICAL	TYP	TYPICAL
BOT (B)	BOTTOM	DBA	DEFORMED BAR ANCHOR	FLR	FLOOR	L	ANGLE	OC	ON CENTER	SG	SHEATHING	UNO	UNLESS NOTED OTHERWISE
BTF	BEAT TO FIT	DIA	DIAMETER	FNDR	FOUNDATION	LLH	LONG LEG HORIZ.	OD	OUTSIDE DIAMETER	SM	SIMILAR	VERT (V)	VERTICAL
BTWN	BETWEEN	DO	DIMTO	FOS	FACE OF STUD	LLV	LONG LEG VERT.	OH	OPPOSITE HAND	SOG	SLAB-ON-GRADE	WP	WORKPOINT

**CITY OF STOCKTON  
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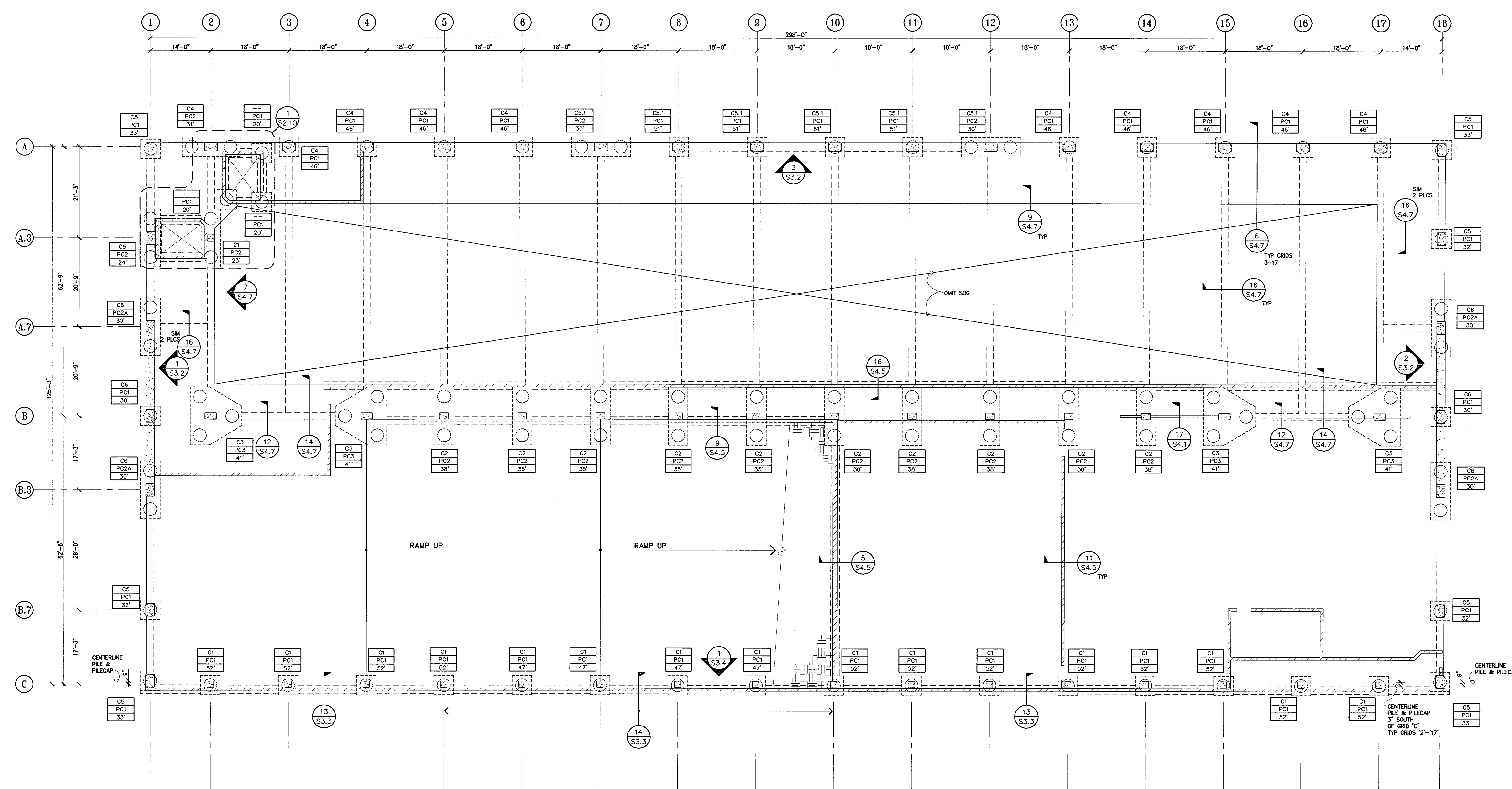
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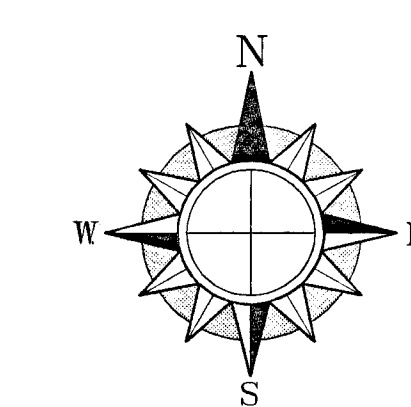
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MAR 09 2005  
DATE



- NOTES**
1. SLABS ON GRADE SHALL BE 6" THICK W/ #4 AT 18" OC EW AT CENTERLINE. TYP. UNO HOOK ALL BARS AT SLAB EDGE OVER SUBGRADE PER SOILS REPORT. SEE DETAIL 9/54-1 FOR EOS, C/S, CURBS, ETC.
  2. SEE SOILS REPORT FOR SUBGRADE PREPARATION.
  3. C2 - COLUMN MARK, SEE 1/S3.1  
PC2 - PILECAP MARK, SEE S3.0  
35' - LENGTH OF CAISSON BELOW PILECAP
  4. VERIFY ALL DIMENSIONS, TOP OF SLAB, WALL AND CURB ELEVATIONS AND LOCATIONS WITH ARCHITECT. SEE DETAIL 9/54.1.
  5. SEE SHEET S4.1 & S4.5 FOR TYPICAL DETAILS, UNO.
  6. GENERAL CONTRACTOR SHALL PROVIDE CONTROL & CONSTRUCTION JOINT LAYOUT PLAN FOR ENGINEER'S REVIEW PRIOR TO CONCRETE PLACEMENT.
  7. SEE ARCH DRAWINGS FOR STAIRS, TYP.



SHEET TITLE  
**LEVEL P-1**

DATE 07/28/04	SCALE 3/32" = 1'-0"
DRAWN BY MDN	CHECKED BY
DRAWING NO.	SHEET
PROGRAM NO.	R.N.O.
DRAWING NO. <b>S2.1</b>	
PROJECT NO. HNA 2319	

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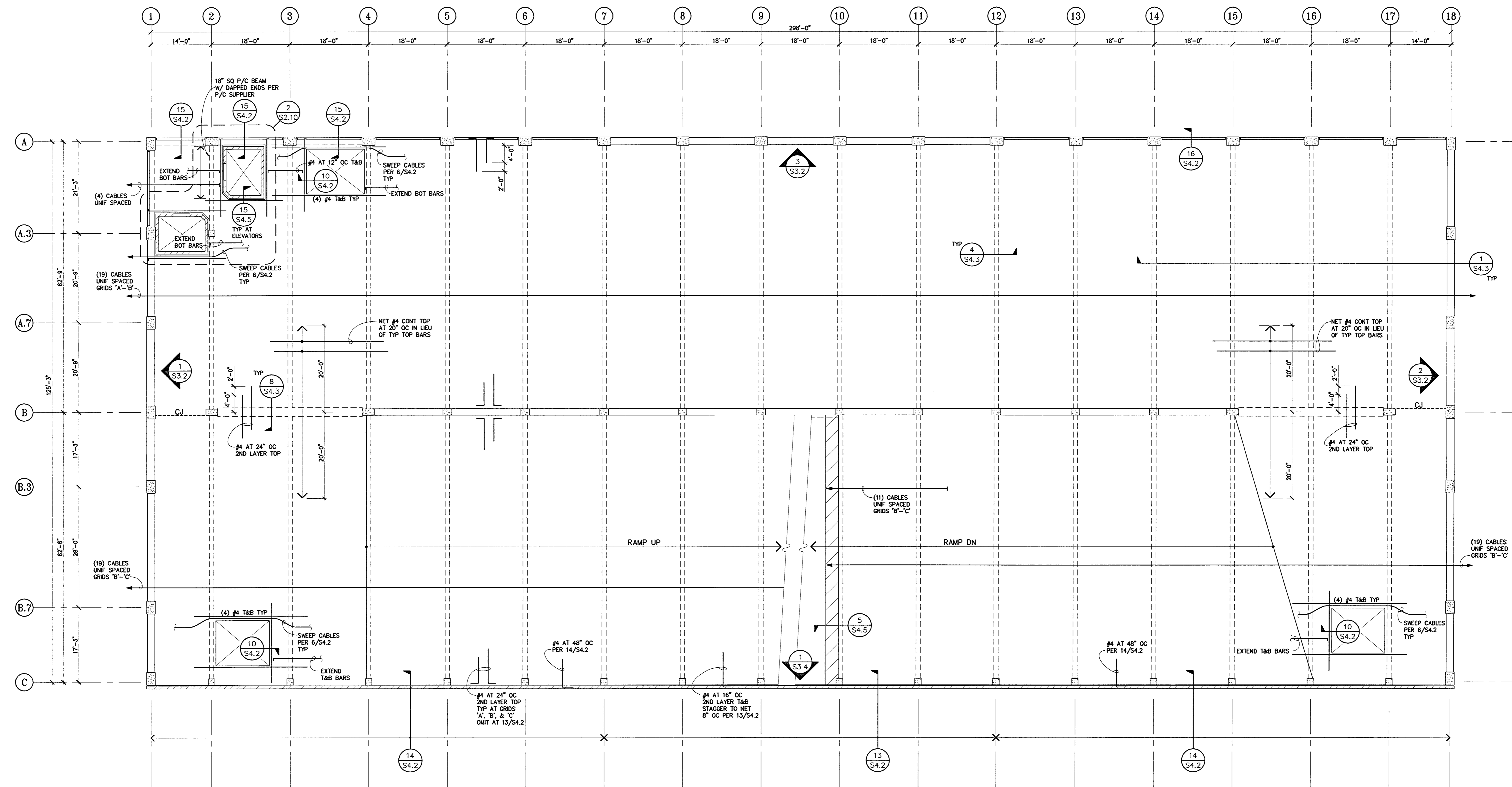
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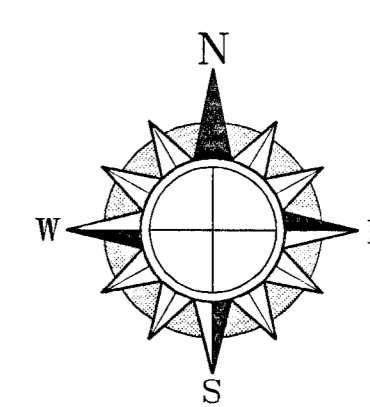


SHEET TITLE  
**LEVEL P-2**

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MDN	
DRAWING NO.	SHEET
PROGRAM NO.	R-NO.
DRAWING NO.	<b>S22</b>
PROJECT NO.	HNA 2319



- NOTES**
- SEE SHEET S1.0 FOR TYP P/T NOTES AND SHEETS S4.1 THRU S4.4 FOR TYPICAL CONCRETE AND P/T DETAILS.
  - SLABS SHALL BE 5" THICK.
  - VERIFY ALL TOP OF SLAB, WALL, STEP & CURB ELEVATIONS & LOCATIONS AND OPENING SIZES & LOCATIONS W/ ARCHITECT.
  - EXTEND ALL BARS TO EDGE OF SLAB OR OPENING WHERE OCCURS AND PROVIDE 90° HOOKS.
  - TYPICAL TENDON ORDINATES ARE AS FOLLOWS, UNO:
    - A. AT STRESSING AND ANCHORAGE ENDS . . . AT MID-DEPTH OF SLAB.
    - B. OVER SUPPORTS . . . . . AT 1" BELOW TOP OF SLAB.
    - C. AT MID SPAN . . . . . AT 1" ABOVE SOFFIT OF SLAB.
    - D. "M" INDICATES TENDON ORDINATE MEASURED FROM BOTTOM OF BEAM.
    - E. ORDINATES SHOWN APPLY TO THE TENDONS PARALLEL TO ORDINATE INDICATOR TAIL.
  - PROVIDE EMBEDDED ITEMS AT STAIRS AND ELEVATORS AS REQUIRED BY MANUFACTURERS.
  - PROVIDE (1) #4 MIN TOP & BOTTOM ALONG ALL SLAB EDGES, INCLUDING CONSTRUCTION JOINTS, UNO AND EXTEND MIN 3'-0" BEYOND INSIDE SLAB EDGE CORNERS, UNO SPACE ALL TRIM BARS AT 4" OC WHERE MULTIPLE BARS OCCUR. EXTEND TRIM BARS 4'-0" BEYOND CORNERS, TYP.



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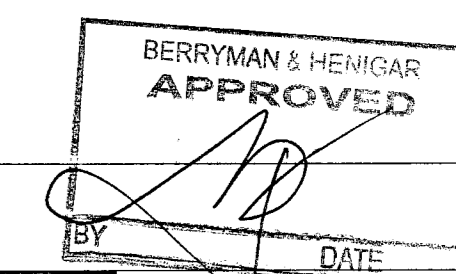
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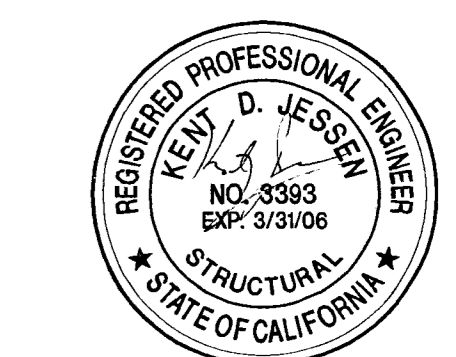
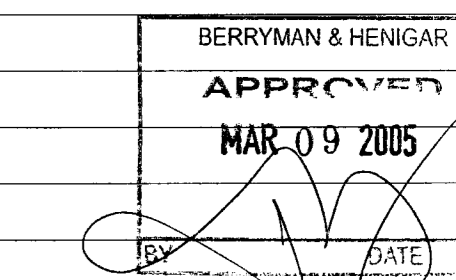
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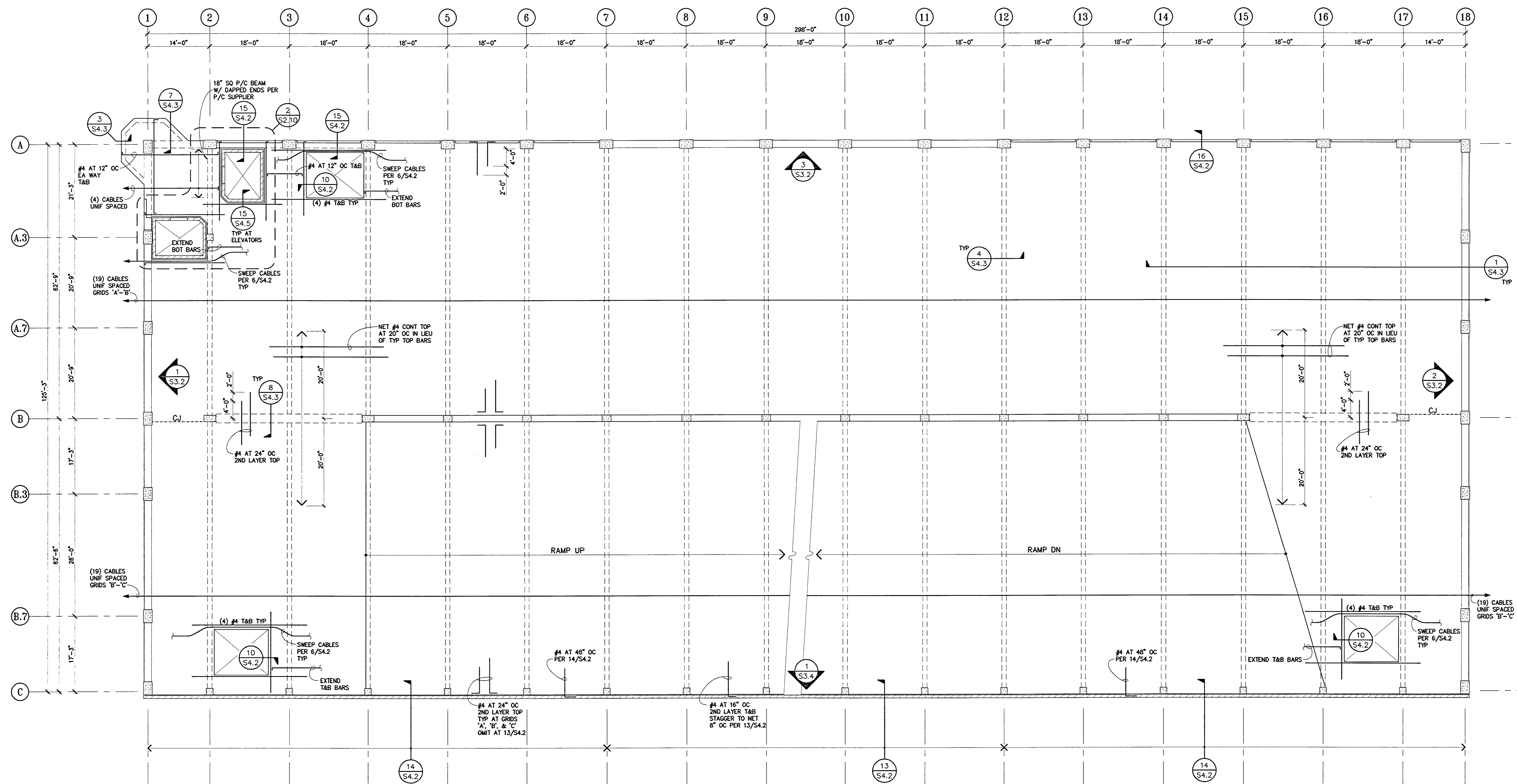
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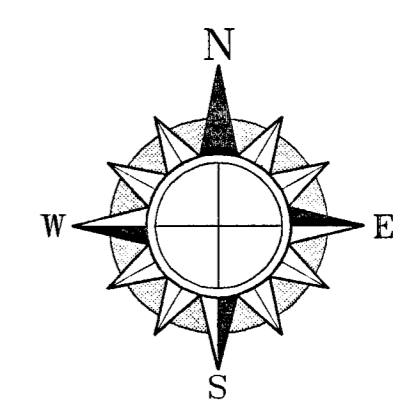
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**LEVEL P-3**

DATE 07/28/04	SCALE 3/32" = 1'-0"
DRAWN BY MDN	CHECKED BY
DRAWING NO.	SHEET
PROGRAM NO.	R.NO.

DRAWING NO:  
**S2.3**  
PROJECT NO:  
HNA 2319



- NOTES**
- SEE SHEET S1.0 FOR TYP. P/T NOTES AND SHEETS S4.1 THRU S4.4 FOR TYPICAL CONCRETE AND P/T DETAILS.
  - SLABS SHALL BE 5" THICK.
  - VERIFY ALL TOP OF SLAB, WALL, STEP & CURB ELEVATIONS & LOCATIONS AND OPENING SIZES & LOCATIONS W/ ARCHITECT.
  - EXTEND ALL BARS TO EDGE OF SLAB OR OPENING WHERE OCCURS AND PROVIDE 90° HOOKS.
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    - B. OVER SUPPORTS . . . . . AT 1" BELOW TOP OF SLAB.
    - C. AT MID SPAN . . . . . AT 1" ABOVE SOFFIT OF SLAB.
    - D. "M" INDICATES TENDON ORDINATE MEASURED FROM BOTTOM OF BEAM.
    - E. ORDINATES SHOWN APPLY TO THE TENDONS PARALLEL TO ORDINATE INDICATOR TAL.
  - PROVIDE EMBEDDED ITEMS AT STAIRS AND ELEVATORS AS REQUIRED BY MANUFACTURERS.
  - PROVIDE (1) #4 MIN TOP & BOTTOM ALONG ALL SLAB EDGES, INCLUDING CONSTRUCTION JOINTS, UNO AND EXTEND MIN 3'-0" BEYOND INSIDE SLAB EDGE CORNERS, UNO SPACE ALL TRIM BARS AT 4" OC WHERE MULTIPLE BARS OCCUR. EXTEND TRIM BARS 4'-0" BEYOND CORNERS, TYP.



**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:  
 Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670

Design Architect  
**Wenell Mattheis Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110

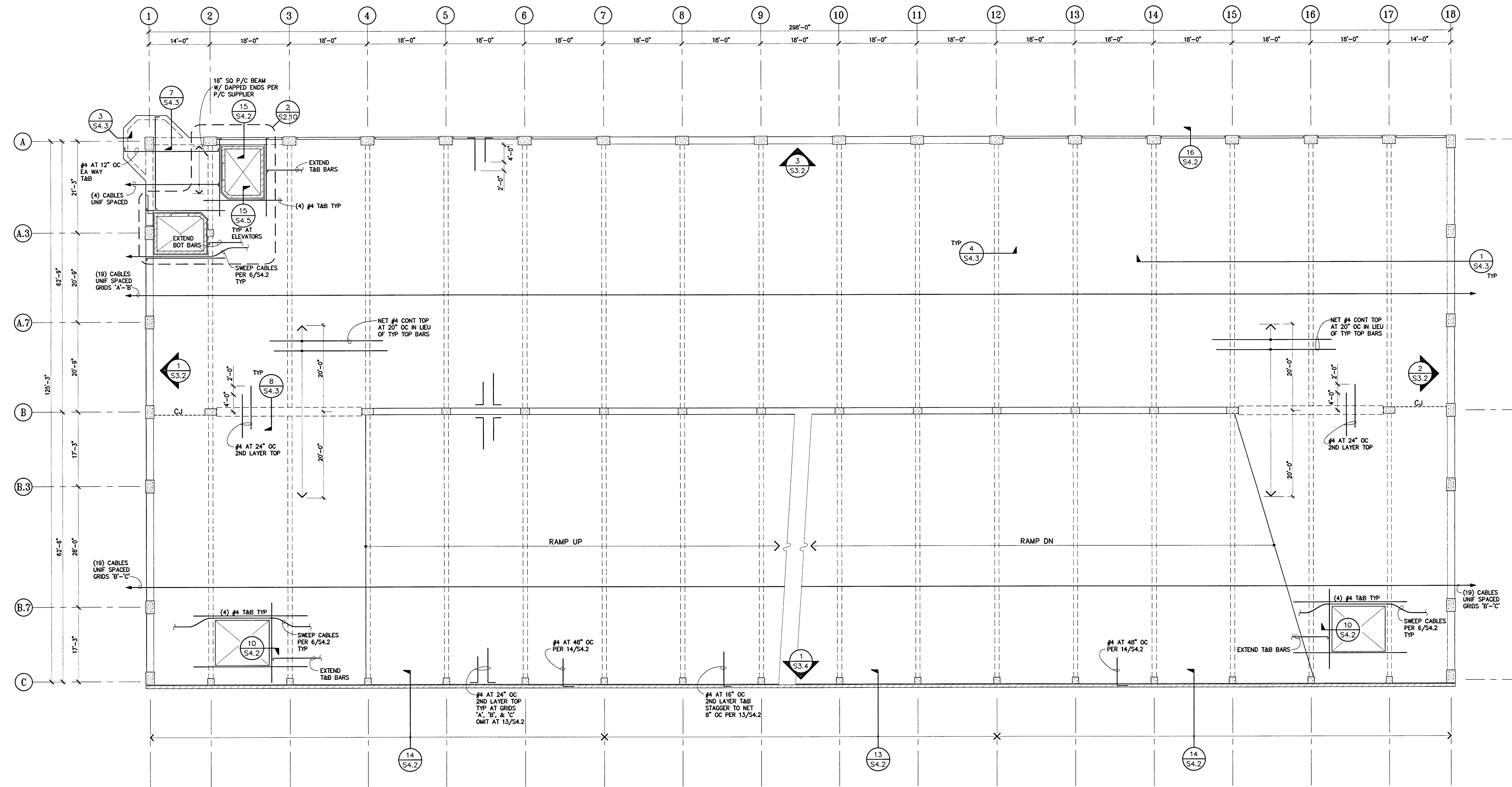
Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

Plumbing Designer - Design/Builder  
**FRIM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

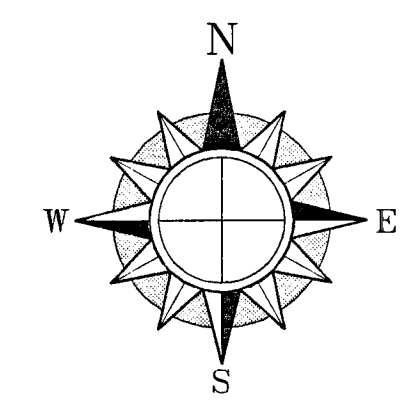
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1637 Turlock Road  
 Stockton, California 95201  
 209.466.4601



**NOTES**

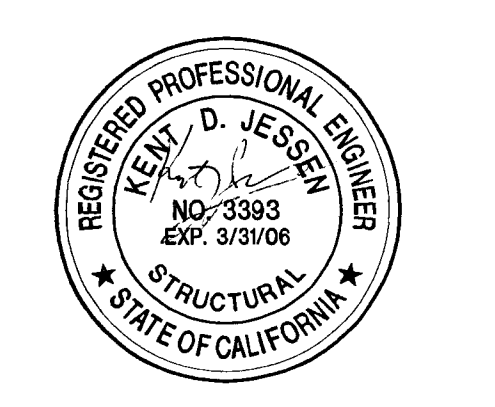
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BERRYMAN & HENIGAR  
**APPROVED**  
 DATE

REVISIONS: 2-28-05 RESPONSE TO PLAN CHECK

BERRYMAN & HENIGAR  
**APPROVED**  
 MAR 03 2005  
 DATE



SHEET TITLE  
**LEVEL P-4**

DATE <b>07/28/04</b>	SCALE <b>3/32" = 1'-0"</b>
DRAWN BY <b>MDN</b>	CHECKED BY
DRAWING NO.	SHEET
PROGRAM NO.	R.NO.
DRAWING NO. <b>S2.4</b>	
PROJECT NO. <b>HNA 2319</b>	



**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4845 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:  
 Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Folsom, California 95630  
 310.544.8670

Design Architect  
**Wenell Mattheis Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110

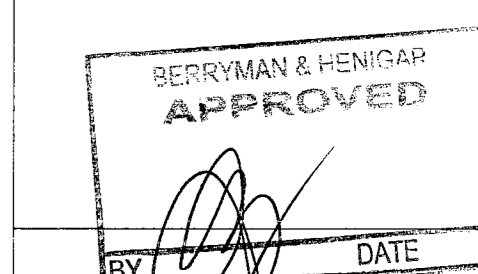
Structural Engineer  
**Jessen-Wright Structural Engineers**  
 713 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Corcoran Avenue  
 Stockton, California 95204  
 209.943.2021

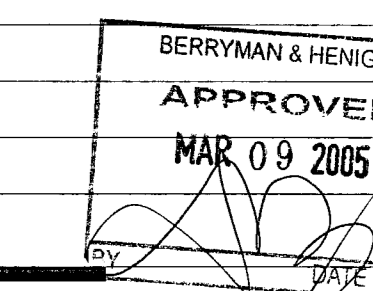
Plumbing Designer - Designer  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

Electrical Designer - Designer  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.3691

Mechanical Designer - Designer  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601



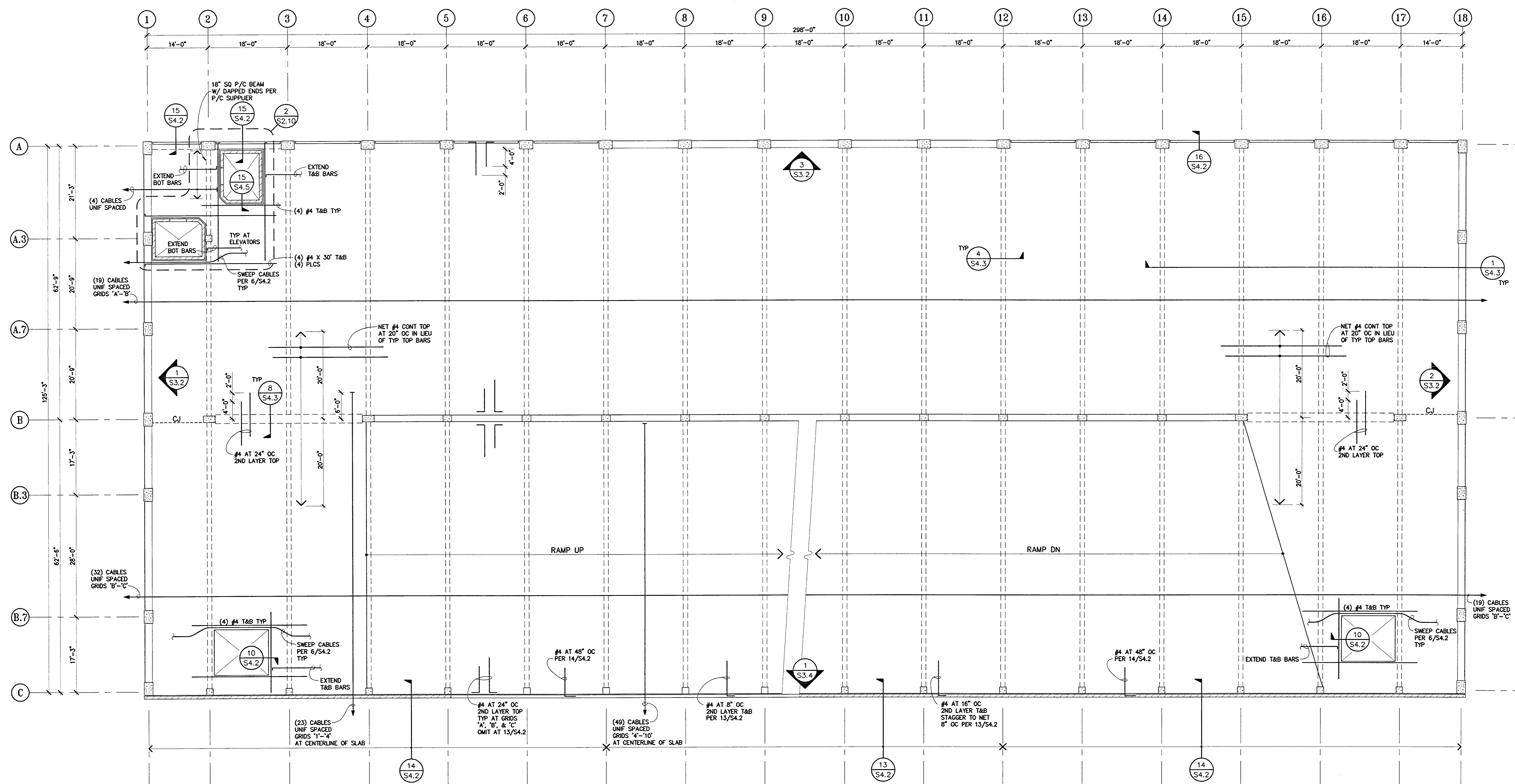
REVISIONS:  
 2-28-05 RESPONSE TO PLAN CHECK



SHEET TITLE  
**LEVEL P-5**

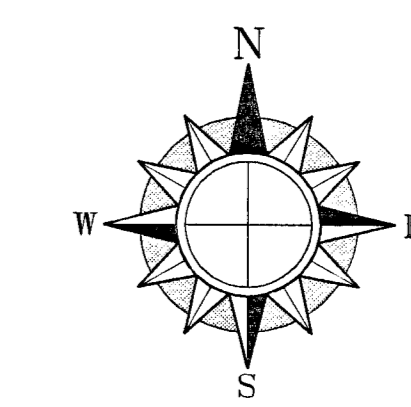
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DRAWN BY MDN	CHECKED BY
DRAWING NO.	SHEET
PROGRAM NO.	R.N.O.

DRAWING NO:  
**S25**  
 PROJECT NO:  
 HNA 2319



**NOTES**

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 STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
 F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:  
 Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670  
 Design Architect  
**Wendell Mattheis Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110  
 Structural Engineer  
**Mossler-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

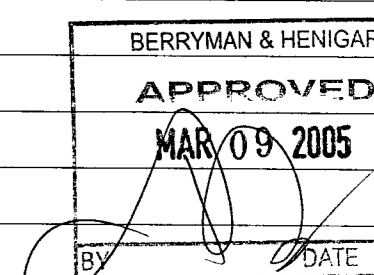
Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601



REVISIONS:  
 2-28-05 RESPONSE TO PLAN CHECK

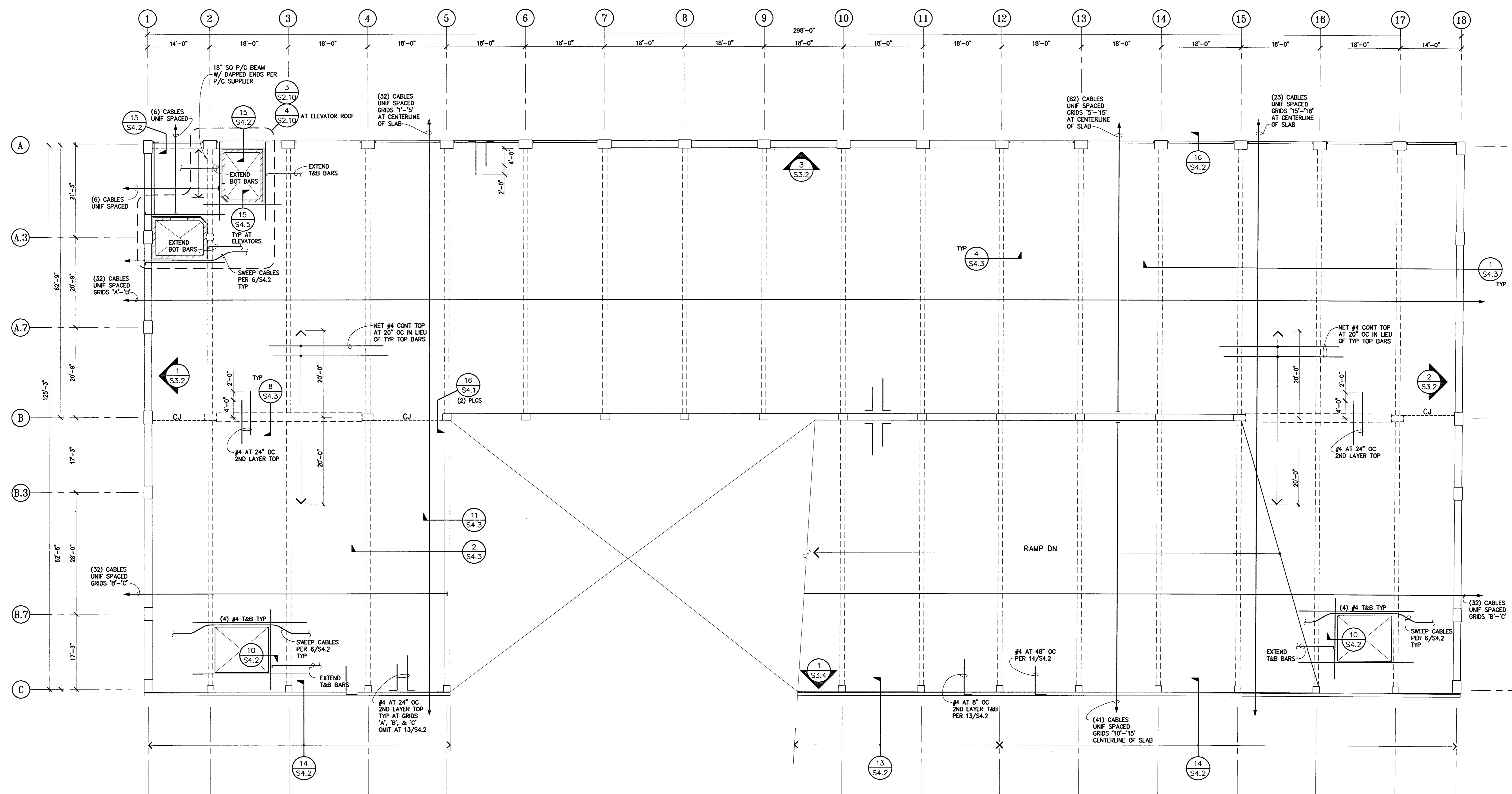


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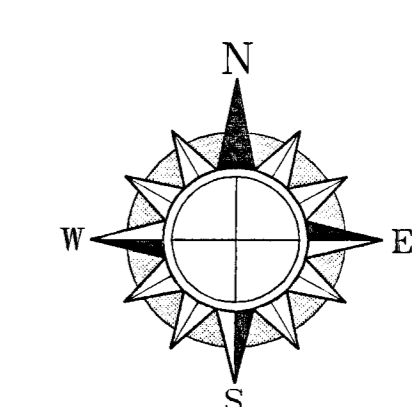
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DRAWN BY	CHECKED BY
MDN	
DRAWING NO.	SHEET
PROGRAM NO.	R.NO.

DRAWING NO.  
**S2.6**

PROJECT NO.  
 HNA 2319



- NOTES**
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STOCKTON, CALIFORNIA

**OWNER:**  
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**DESIGN BUILDER:**  
F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209.931.3738

**CONSULTANTS:**  
Architect - Planning Consultant  
HNA / Pacific  
61 Sea Breeze Avenue  
Rancho Palos Verdes, California 90275  
310.544.8670

Design Architect  
Wonnell Matthews Bowe  
246 E. Main Street  
Stockton, California 95202  
209.944.9110

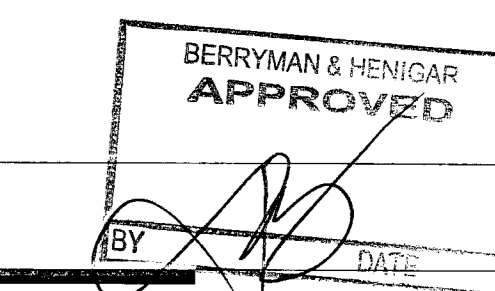
Structural Engineer  
Jessen-Wright Structural Engineers  
113 West 8th Avenue, Suite A  
Chico, California 95926  
530.894.5345

Civil Engineer  
Siegfried Engineering, Inc.  
4045 Coronado Avenue  
Stockton, California 95204  
209.943.2021

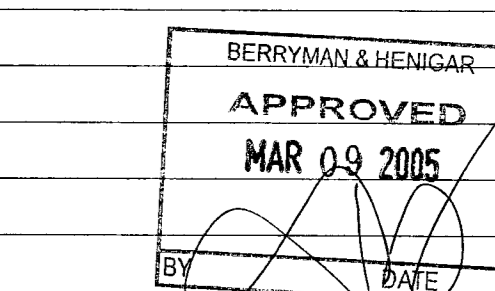
Plumbing Designer - Design/Builder  
HRM Plumbing  
5650 Wicks Road  
Stockton, California 95215  
209.931.9650

Electrical Designer - Design/Builder  
Collins Electrical  
611 W. Fremont Street  
Stockton, California 95203  
209.466.3691

Mechanical Designer - Design/Builder  
Comfort Air  
1607 Turnpike Road  
Stockton, California 95201  
209.466.4601

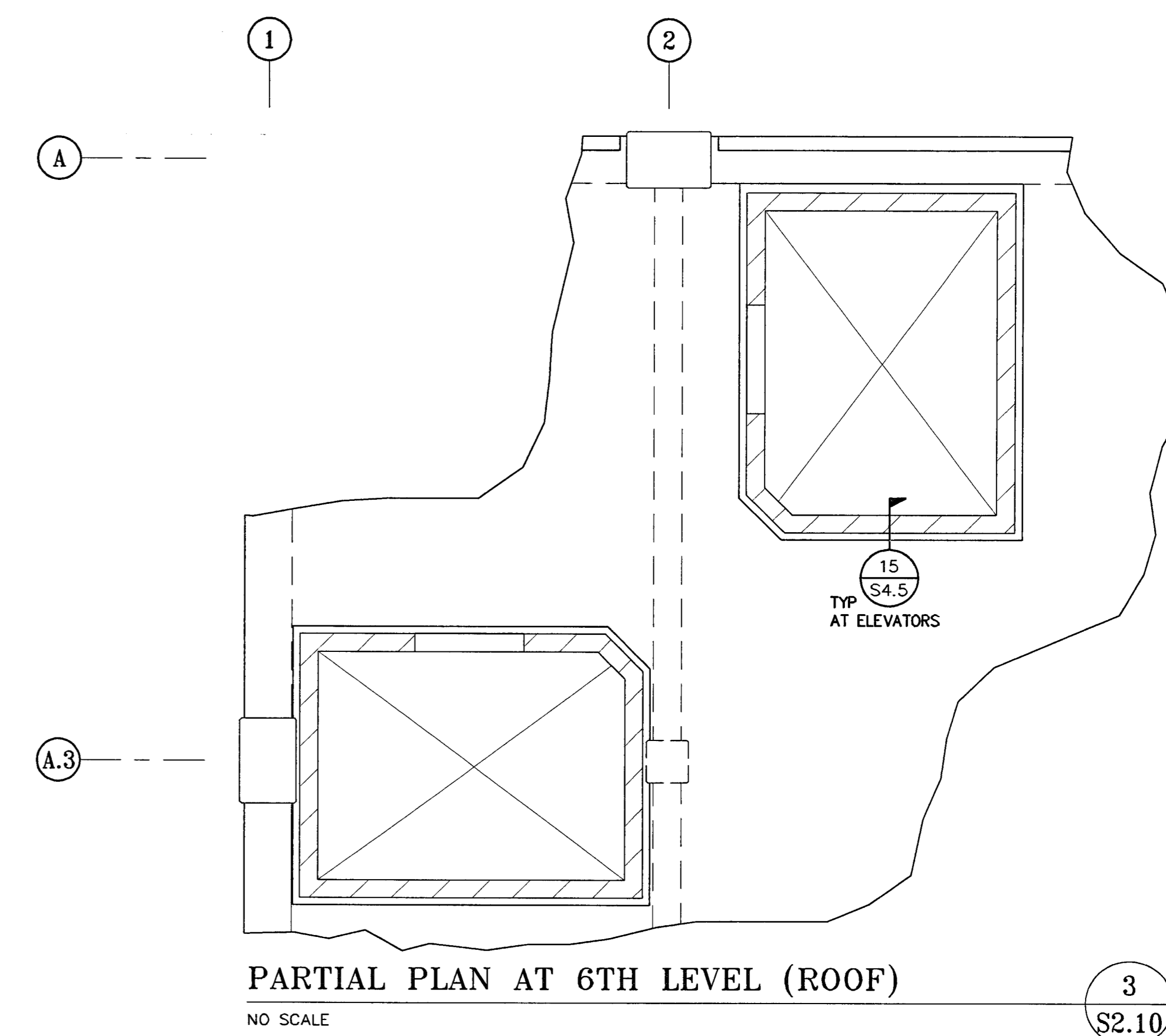


REVISIONS:  
2-28-05 RESPONSE TO PLAN CHECK

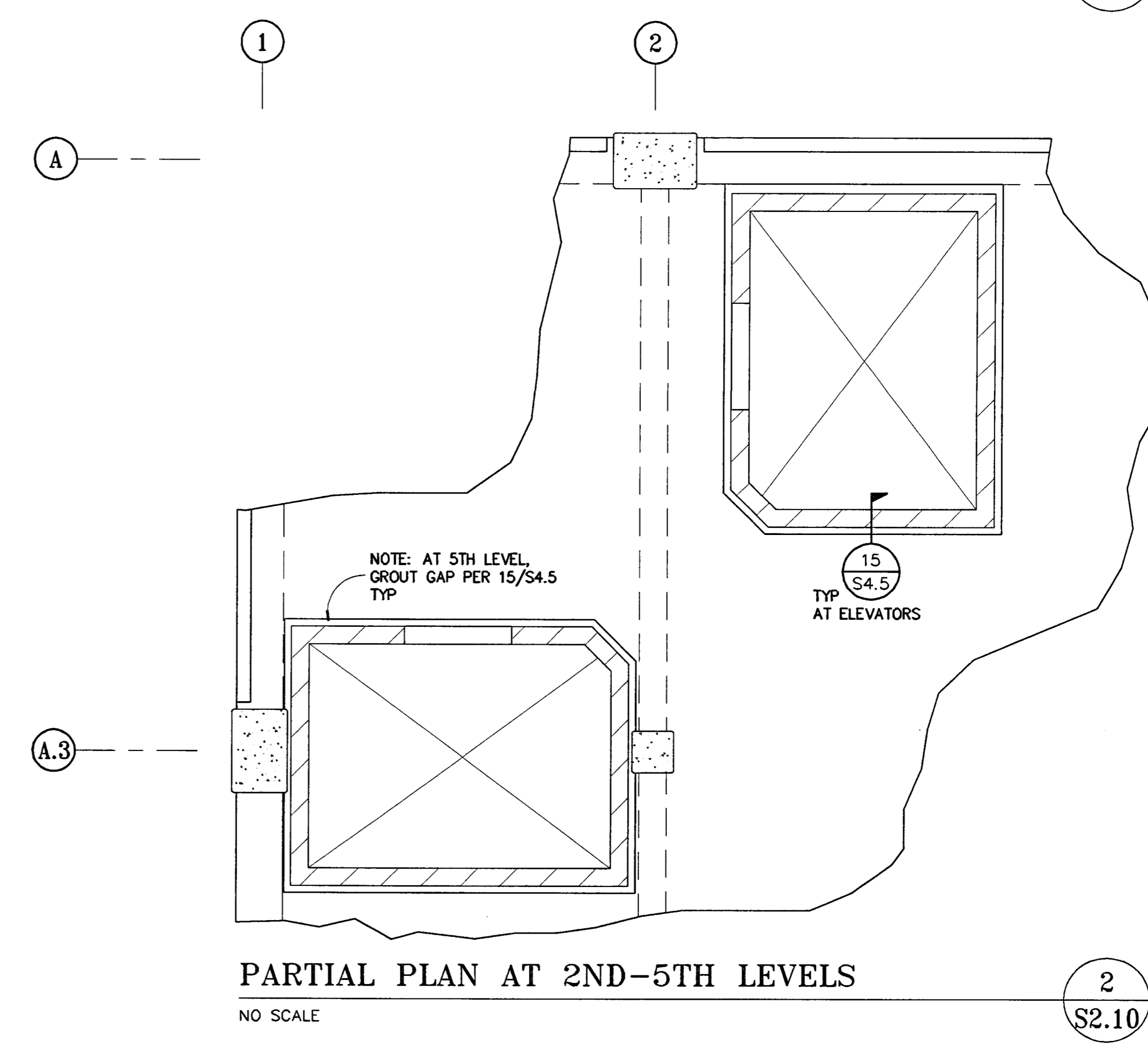


**SHEET TITLE**  
PARTIAL PLANS

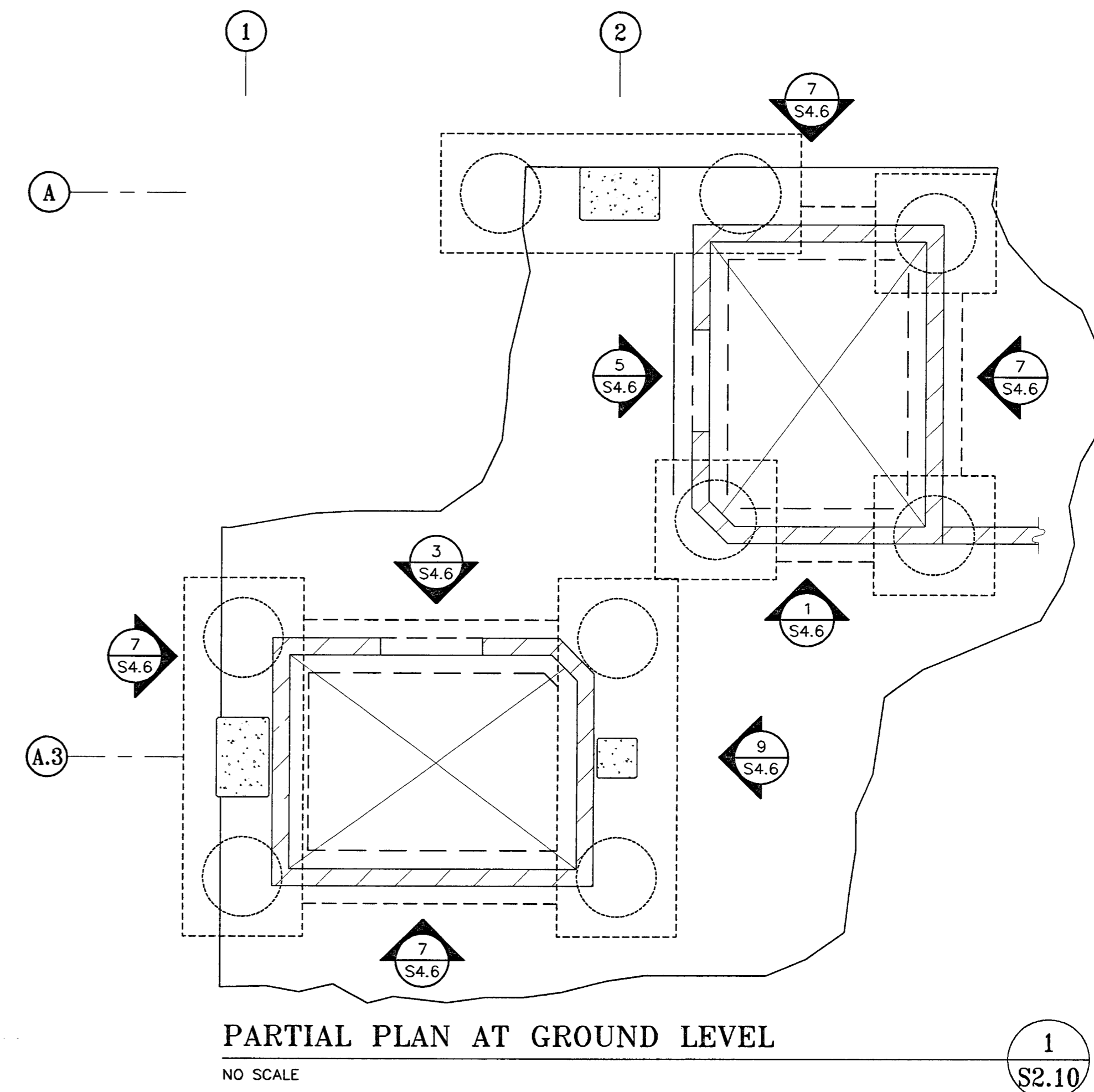
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DRAWING NO:	<b>S2.10</b>		
PROJECT NO:	H N A 2319		



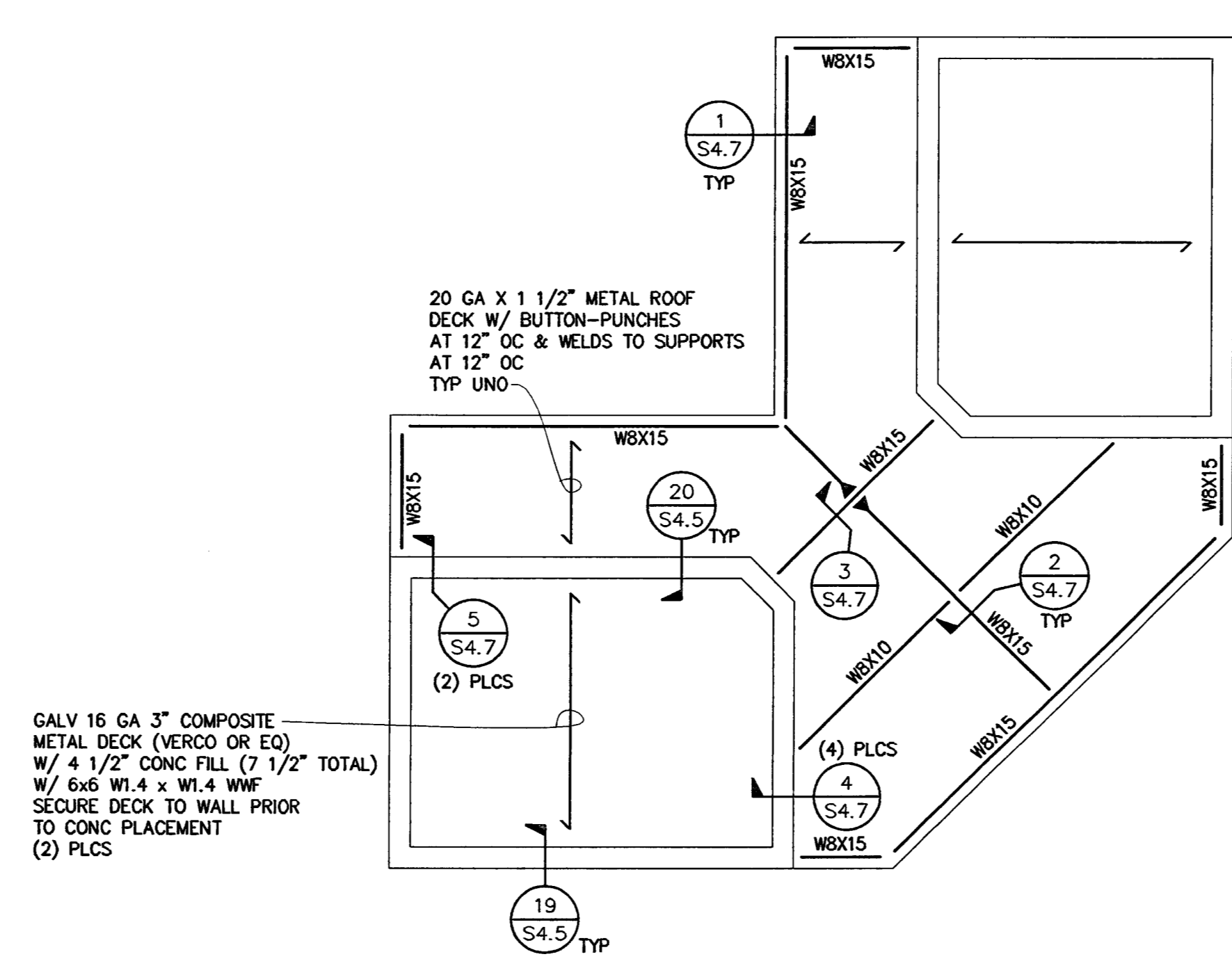
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**PARTIAL PLAN AT 2ND-5TH LEVELS** 2  
NO SCALE S2.10



**PARTIAL PLAN AT GROUND LEVEL** 1  
NO SCALE S2.10



**PARTIAL PLAN AT ELEVATOR ROOF** 4  
NO SCALE S2.10

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:

Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670

Design Architect  
**Wenell Mattheis Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110

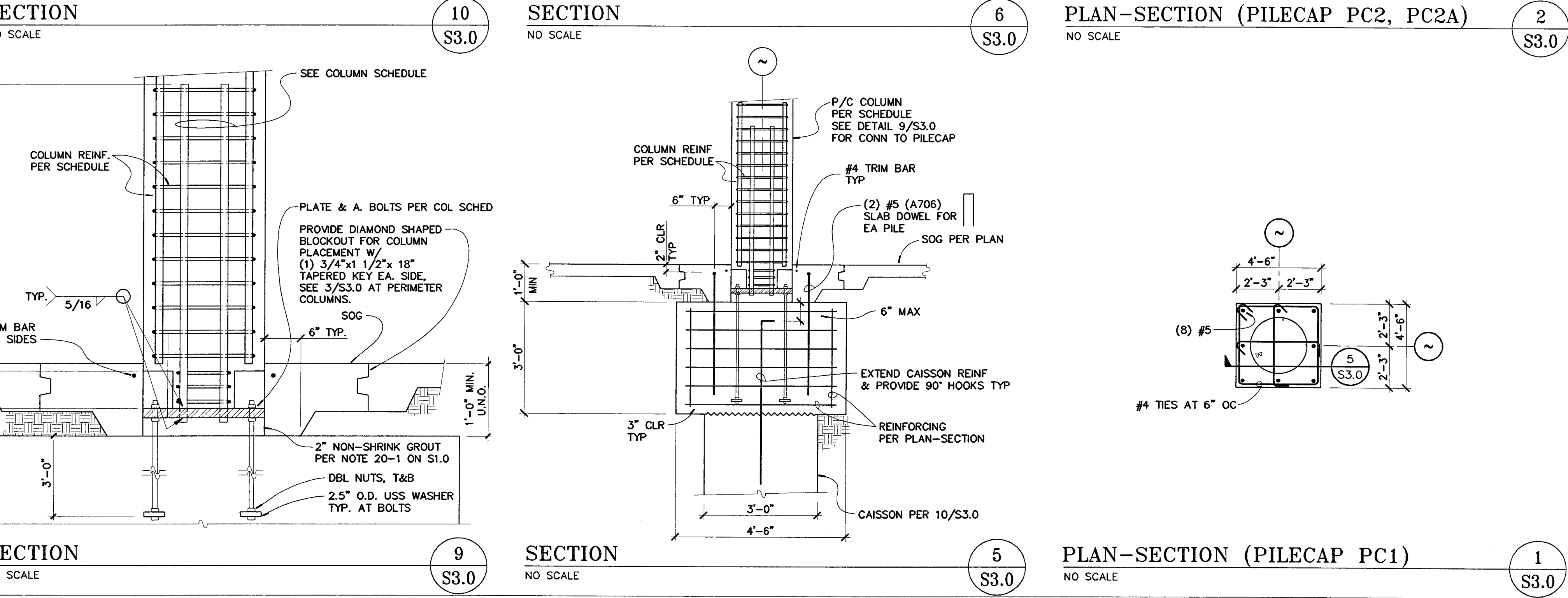
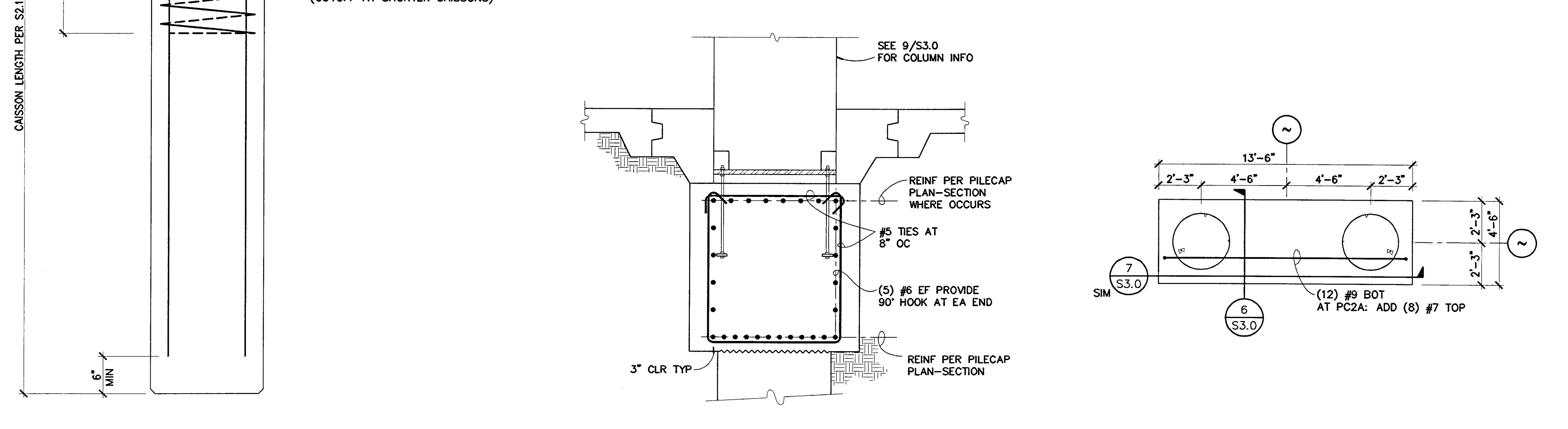
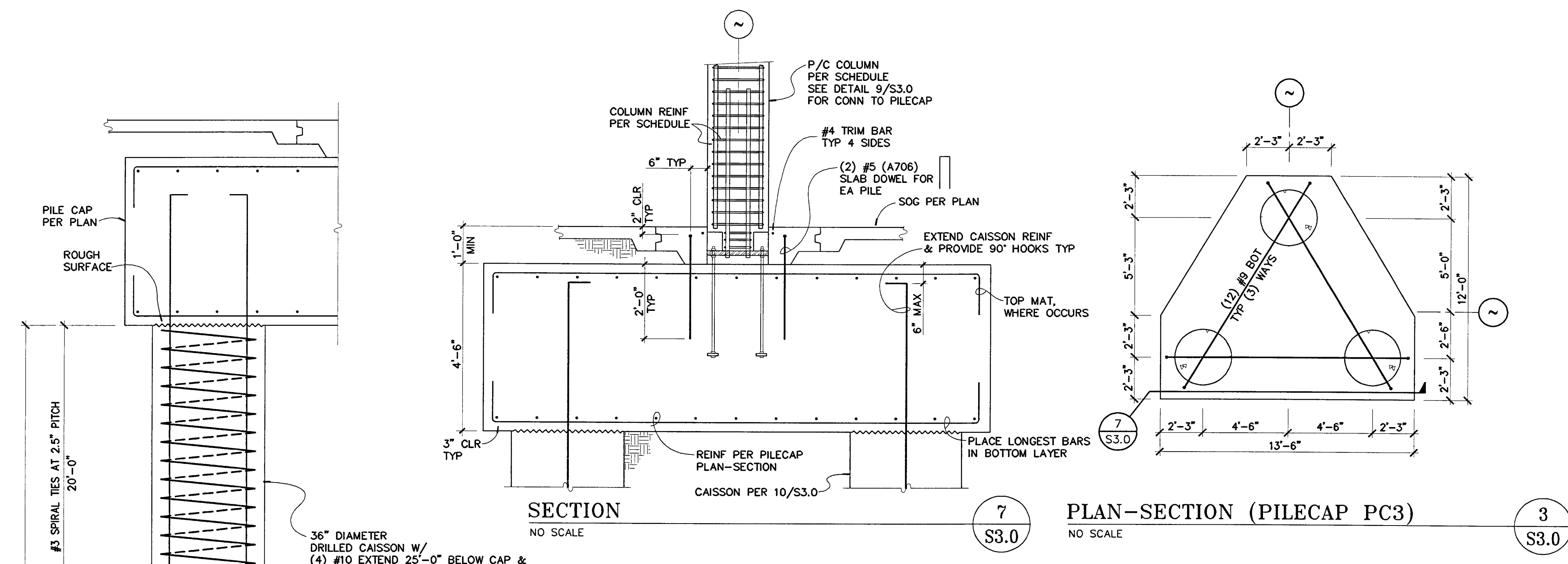
Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
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Civil Engineer  
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 4045 Colorado Avenue  
 Stockton, California 95204  
 209.943.2021

Plumbing Designer - Design/Builder  
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 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

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 611 W. Fremont Street  
 Stockton, California 95203  
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Mechanical Designer - Design/Builder  
**Comfort Air**  
 767 Turlock Road  
 Stockton, California 95201  
 209.466.4601



BERRYMAN & HENIGAR  
 APPROVED  
 BY: [Signature] DATE: [Blank]

REVISIONS:  
 2-28-05 RESPONSE TO PLAN CHECK

BERRYMAN & HENIGAR  
 APPROVED  
 MAR 09 2005  
 BY: [Signature] DATE: [Blank]



SHEET TITLE  
**PILECAPS & TYP CONCRETE DETAILS**

DATE 07/28/04	SCALE NONE
DRAWN BY MDN	CHECKED BY
DRAWING NO.	SHEET
PROGRAM NO.	R.N.O.
DRAWING NO. <b>S3.0</b>	
PROJECT NO. HNA 2319	

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
 F&H Construction  
 4845 Waterloo Road  
 Stockton, California 95215  
 209.931.9798

CONSULTANTS:  
 Architect - Parking Consultant  
 HNA / Pacific  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670  
 Design Architect  
 Weneil Mattheis Bowe  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110  
 Structural Engineer  
 Jessen-Wright Structural Engineers  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

Civil Engineer  
 Siegfried Engineering, Inc.  
 4045 Colorado Avenue  
 Stockton, California 95204  
 209.943.2021

Plumbing Designer - Design/Builder  
 HRM Plumbing  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

Electrical Designer - Design/Builder  
 Collins Electrical  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.3691

Mechanical Designer - Design/Builder  
 Comfort Air  
 1607 Turpin Road  
 Stockton, California 95201  
 209.466.4601

BERRYMAN & HEINIGER  
 APPROVED

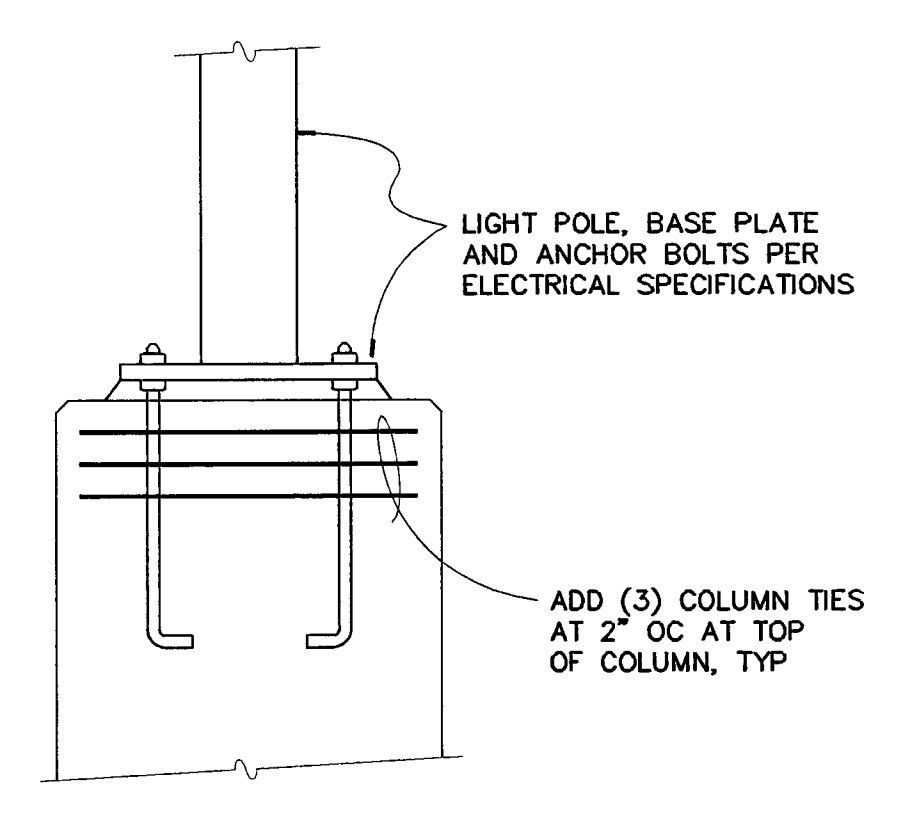
REVISIONS:  
 2-28-05 RESPONSE TO PLAN CHECK

BERRYMAN & HEINIGER  
 APPROVED  
 MAR 09 2005

REGISTERED PROFESSIONAL ENGINEER  
 R. D. JESSEN  
 NO. 2393  
 EXP. 3/31/06  
 STRUCTURAL  
 STATE OF CALIFORNIA

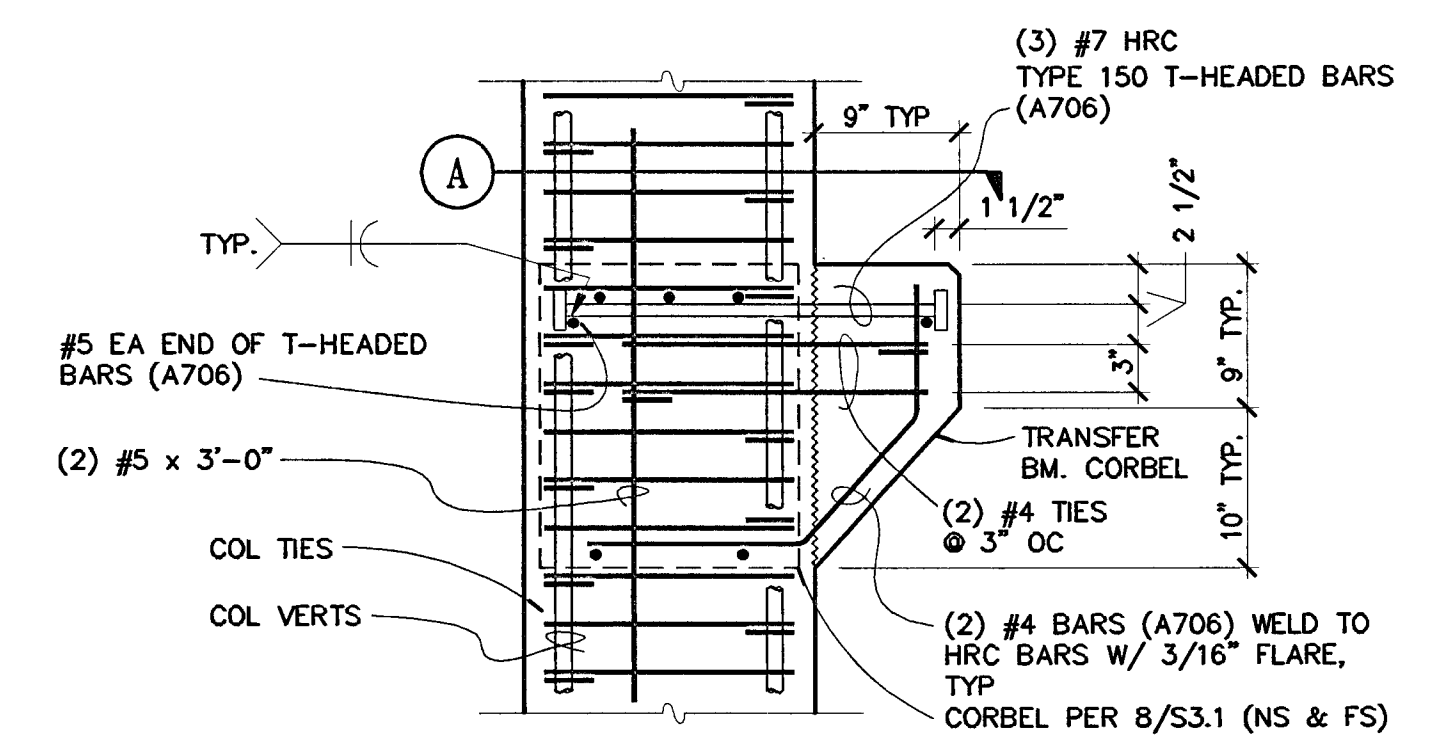
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DRAWING NO.	<b>S3.1</b>		
PROJECT NO.	HNA 2319		



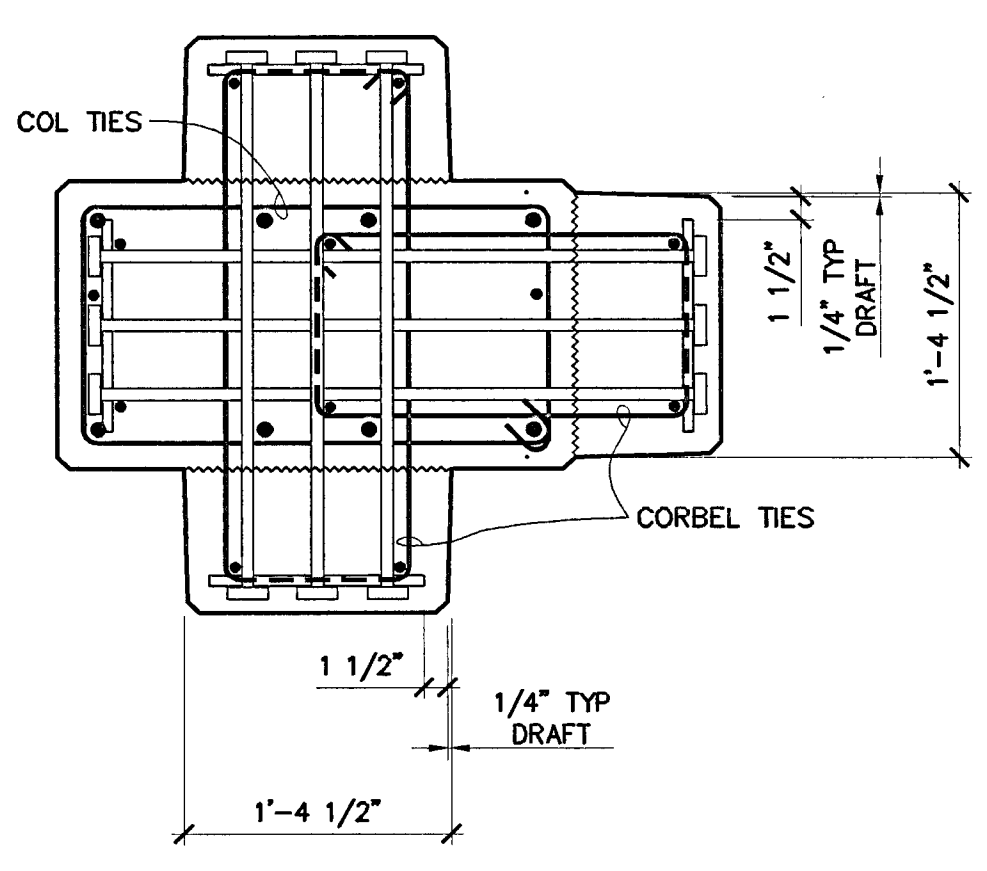
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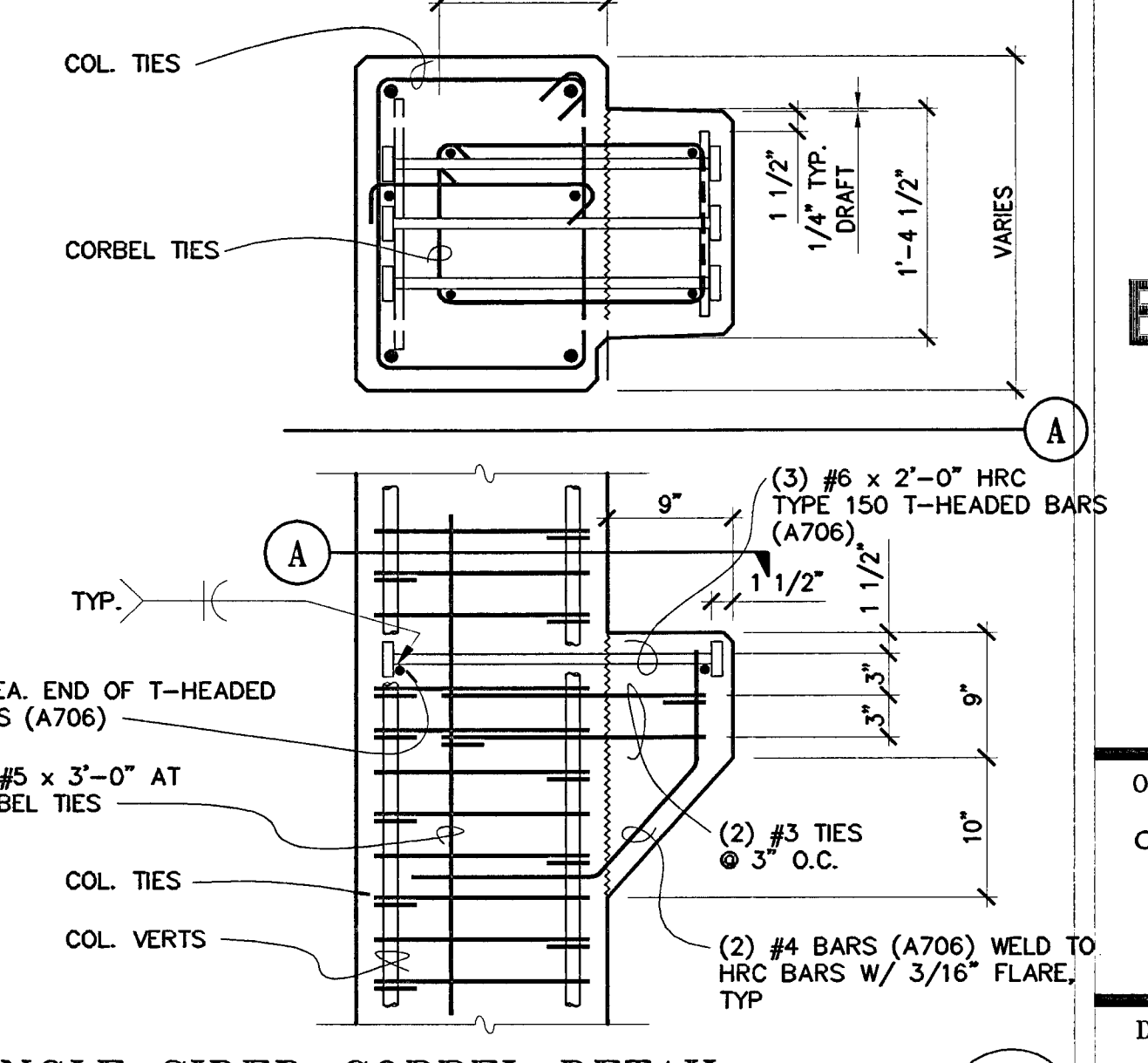
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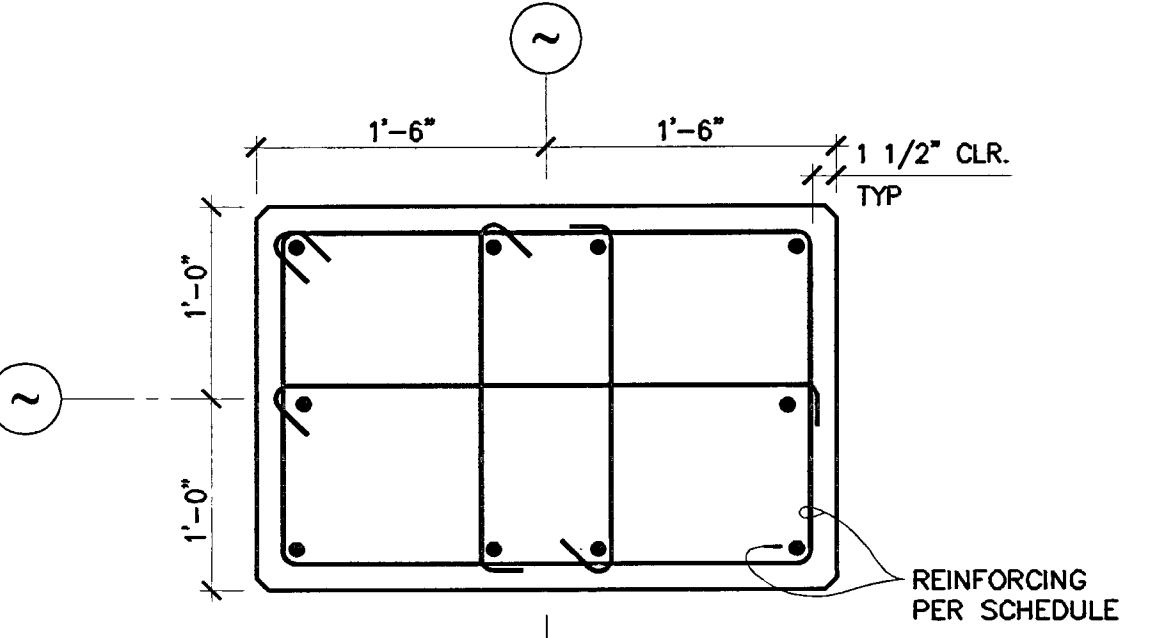
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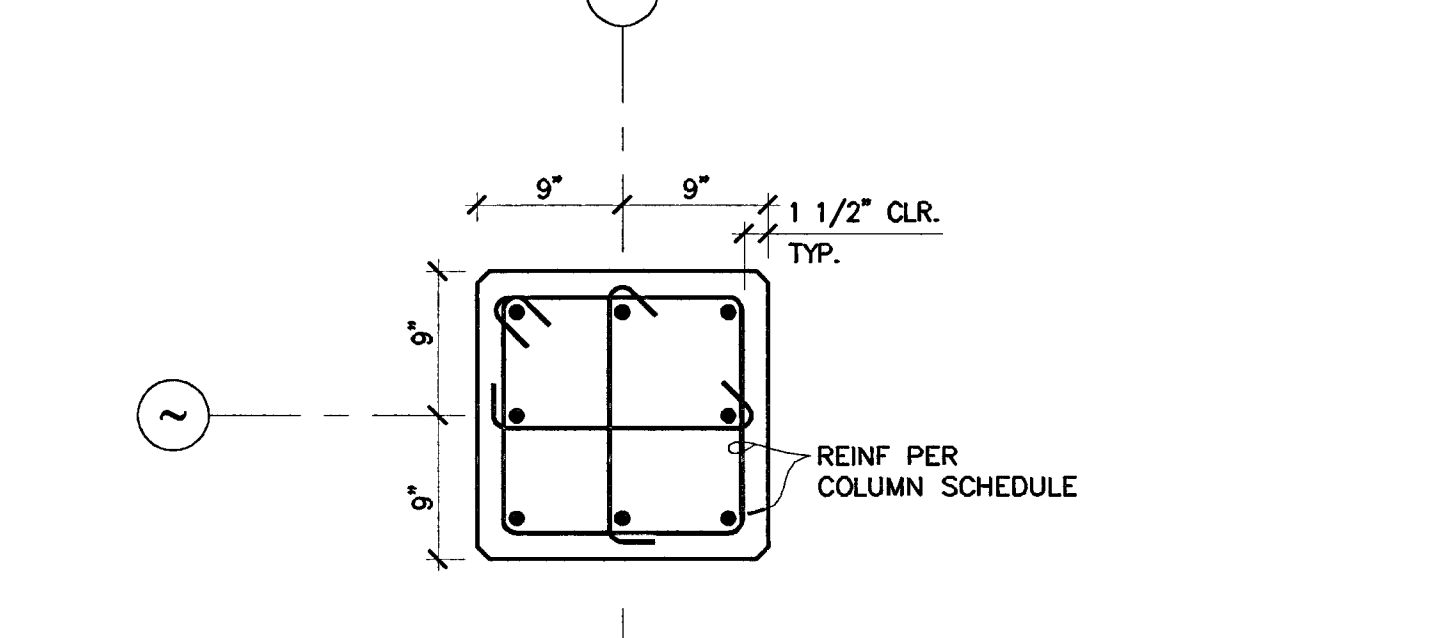
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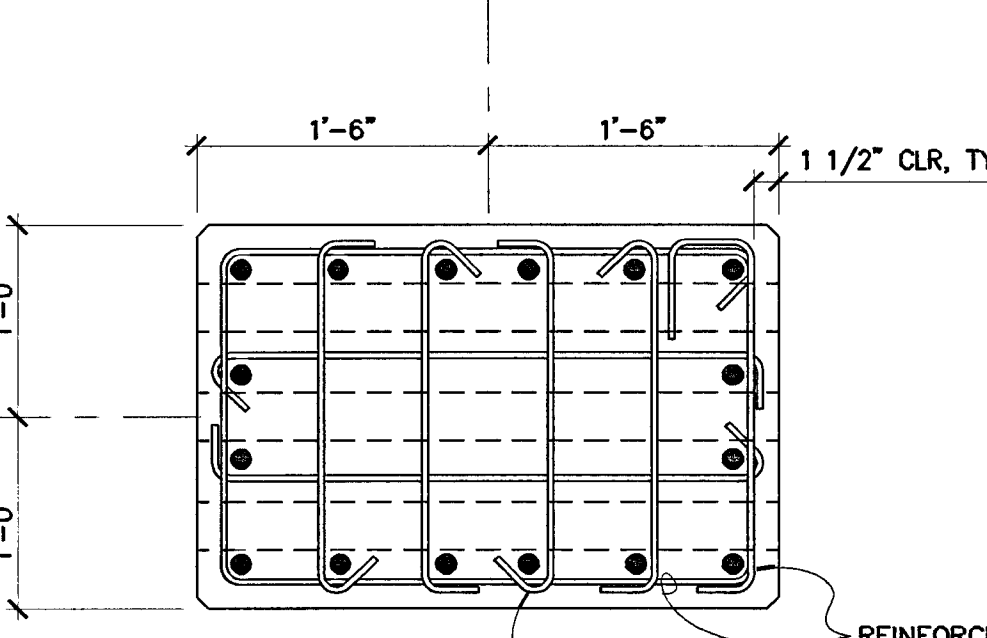
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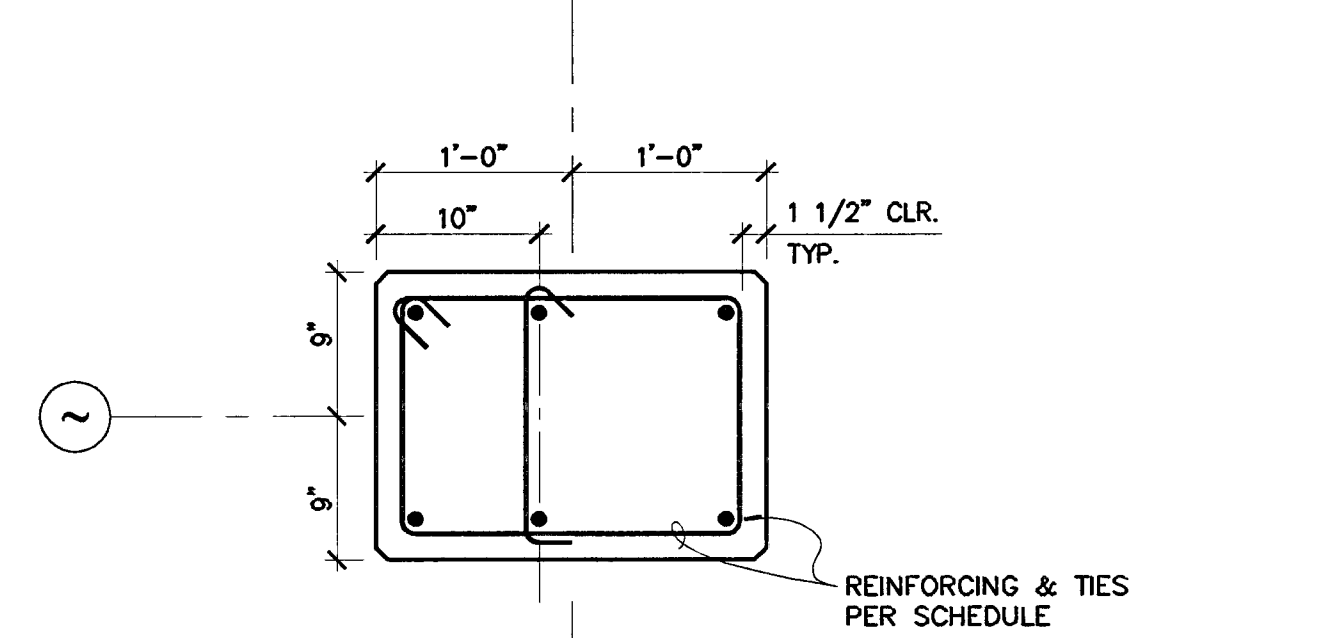
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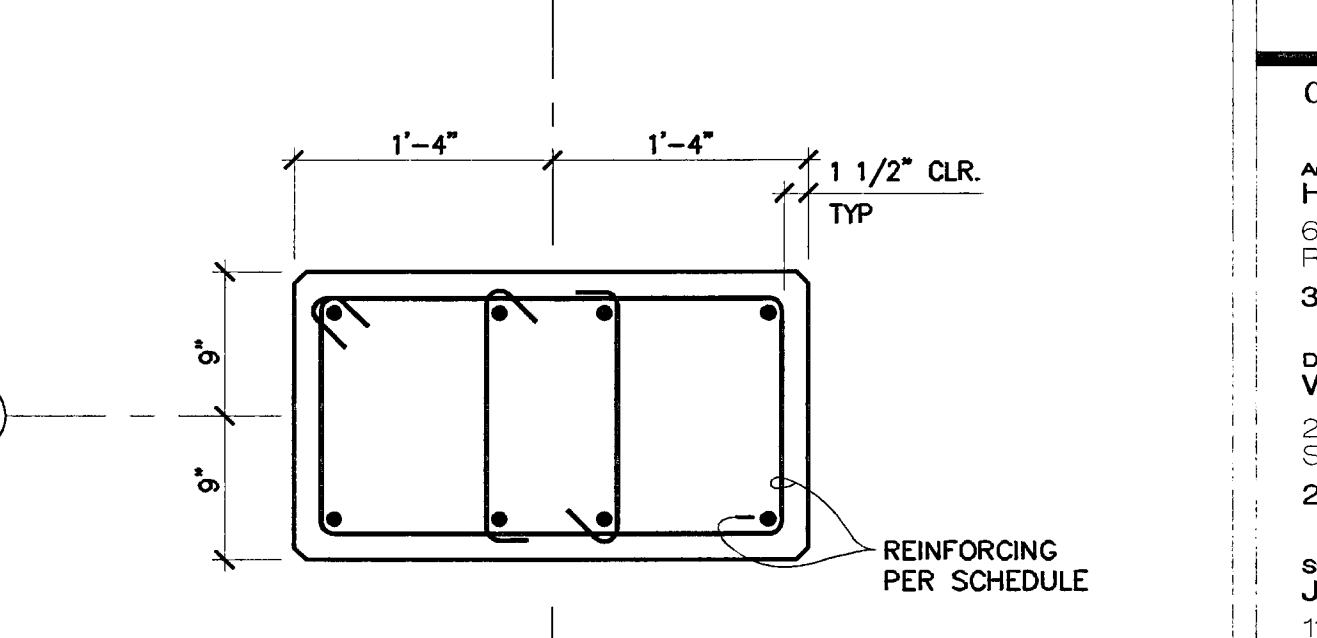
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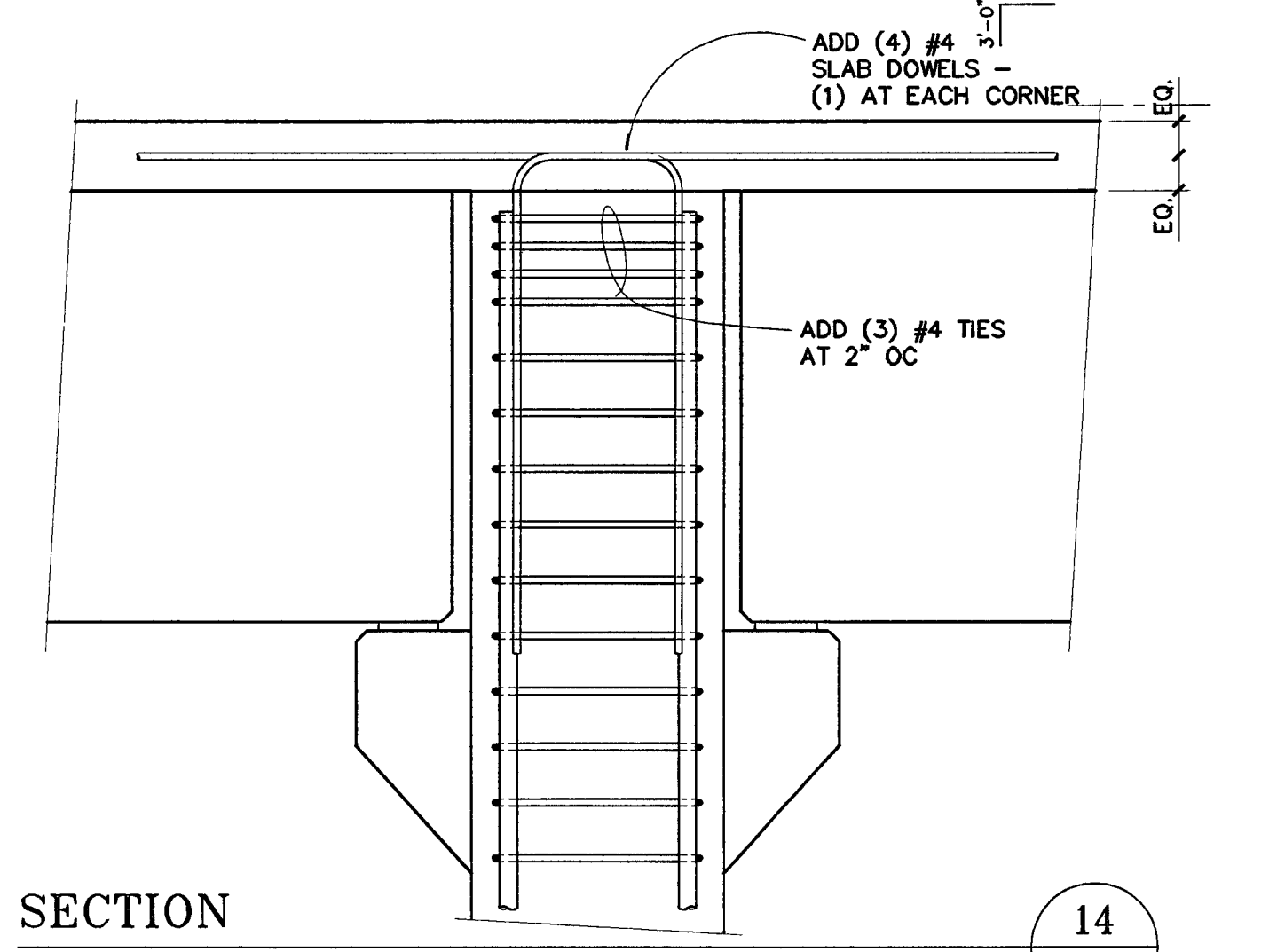
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7  
 S3.1



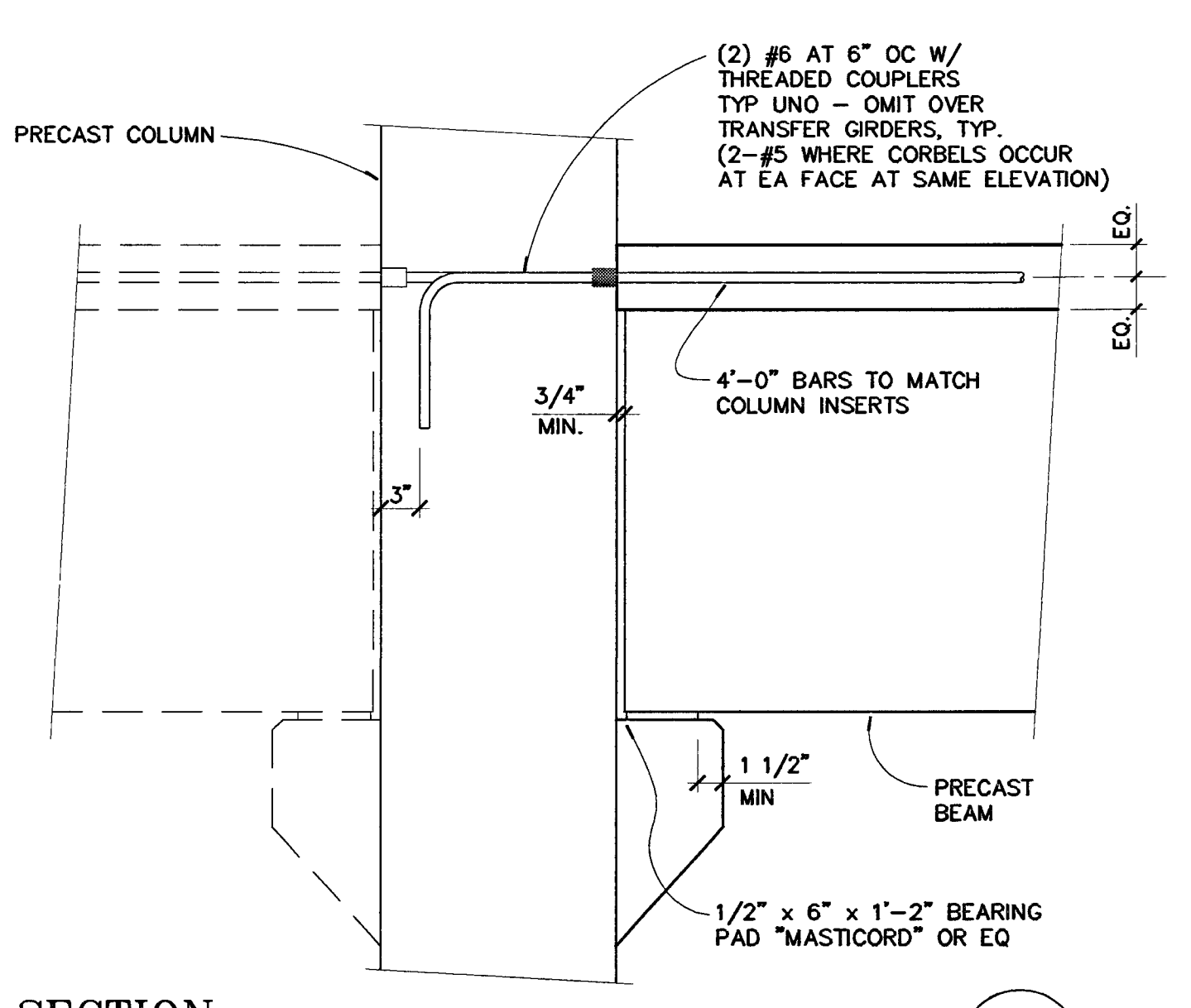
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3  
 S3.1



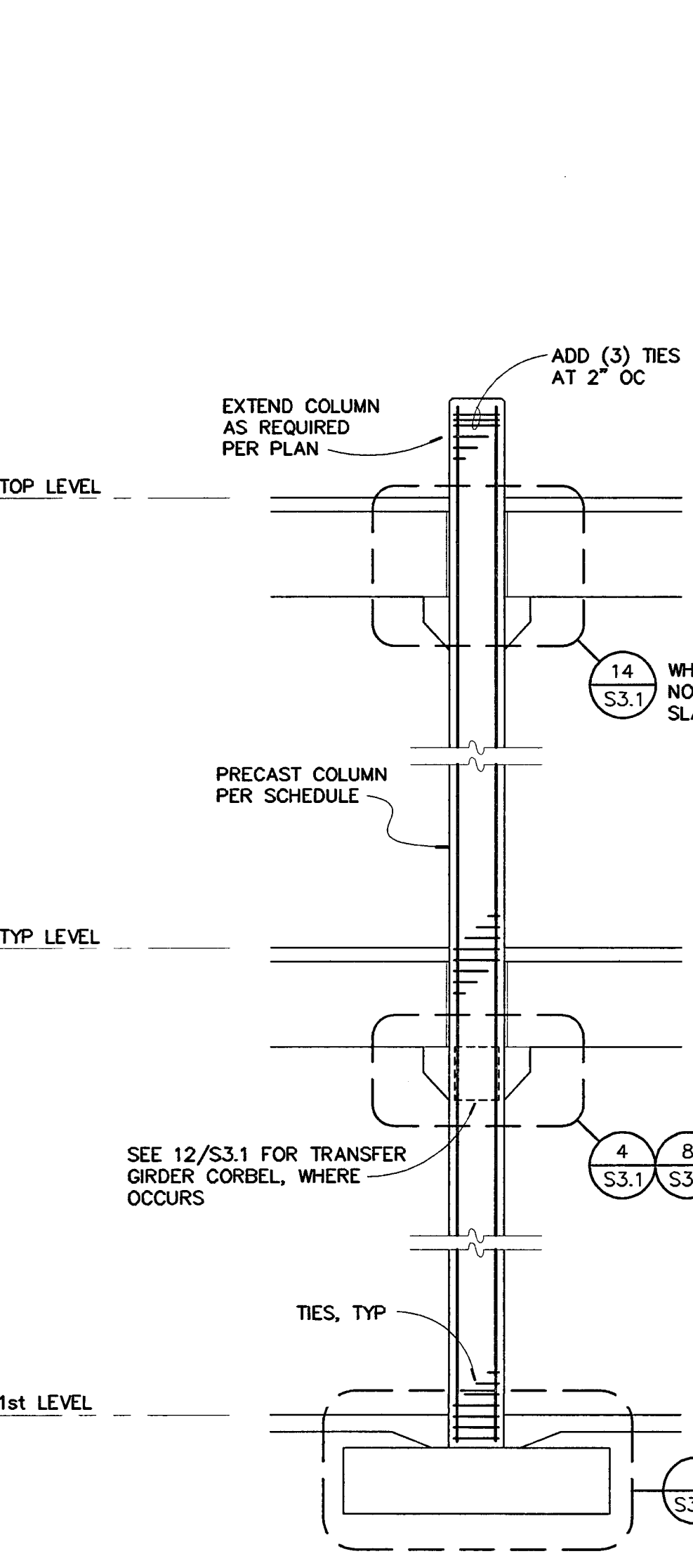
**SECTION**  
 NO SCALE

14  
 S3.1



**SECTION**  
 NO SCALE

13  
 S3.1



**DETAIL**  
 NO SCALE

9  
 S3.1

SECTION	C6	C5, C5.1	C4	C3	C2	C1	MARK
SIZE	24" x 36"	24" x 36"	24" x 36"	18" x 32"	18" x 24"	18" x 18"	
STRENGTH	6000 PSI	6000 PSI	6000 PSI	6000 PSI	6000 PSI	6000 PSI	
SECTION	11/S3.1	11/S3.1	19/S3.1	3/S3.1	7/S3.1	15/S3.1	

**COLUMN SCHEDULE**  
 NO SCALE

NOTES:  
 1. GENERAL CONTRACTOR TO VERIFY ALL COLUMN LENGTHS.  
 2. SEE 9/S3.1 FOR ADDITIONAL INFORMATION  
 3. SEE 20/S3.1 FOR LIGHT POLE CONNECTION WHERE OCCURS.

1  
 S3.1

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
 F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:

Architect - Parking Consultant  
 HNA / Pacific  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670

Design Architect  
 Wonnell Mathews Bowe  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110

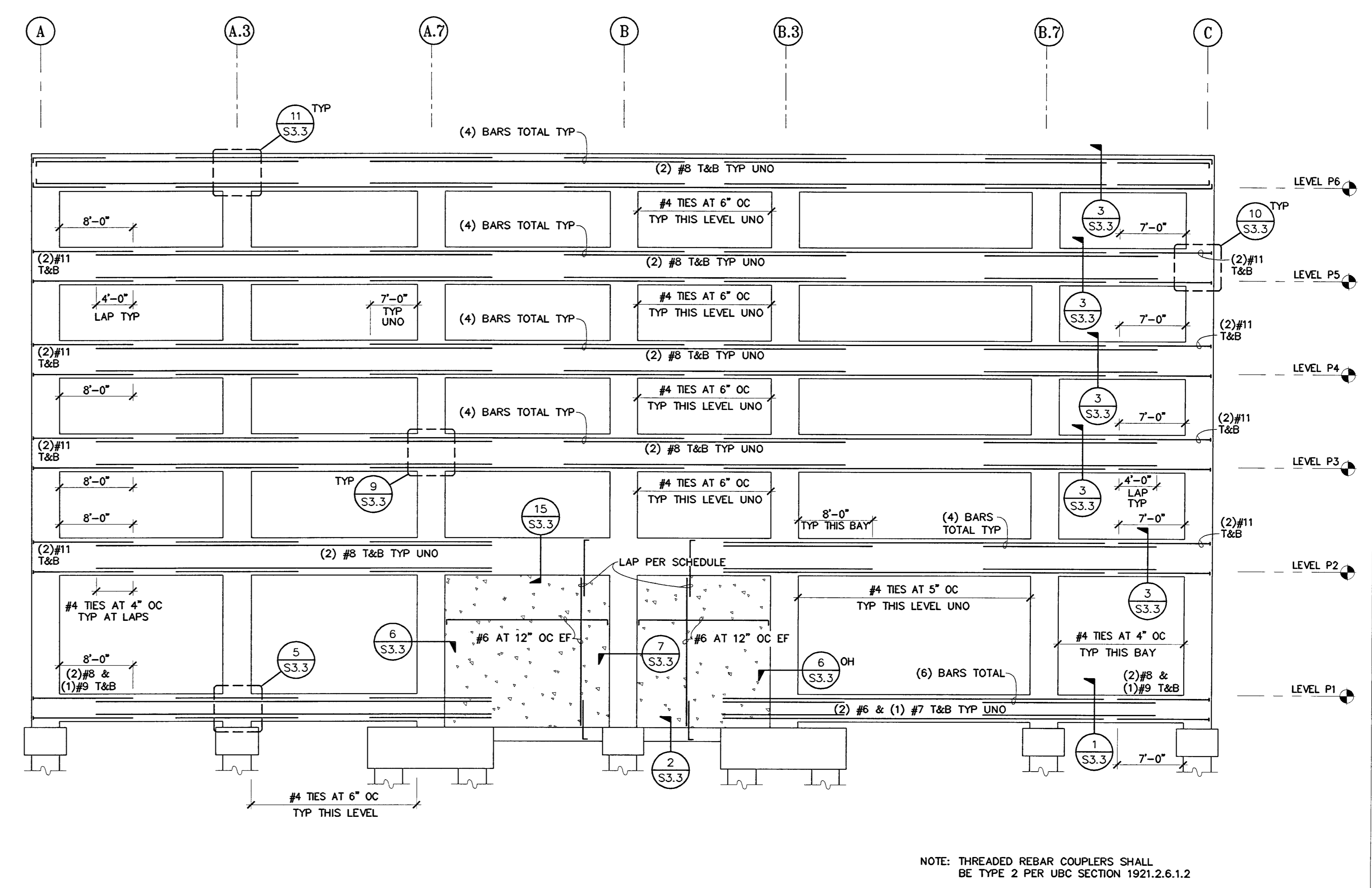
Structural Engineer  
 Jessen-Wright Structural Engineers  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

Civil Engineer  
 Siegfried Engineering, Inc.  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

Plumbing Designer - Design/Builder  
 HRM Plumbing  
 3650 Windax Road  
 Stockton, California 95215  
 209.931.9650

Electrical Designer - Design/Builder  
 Collins Electrical  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.3691

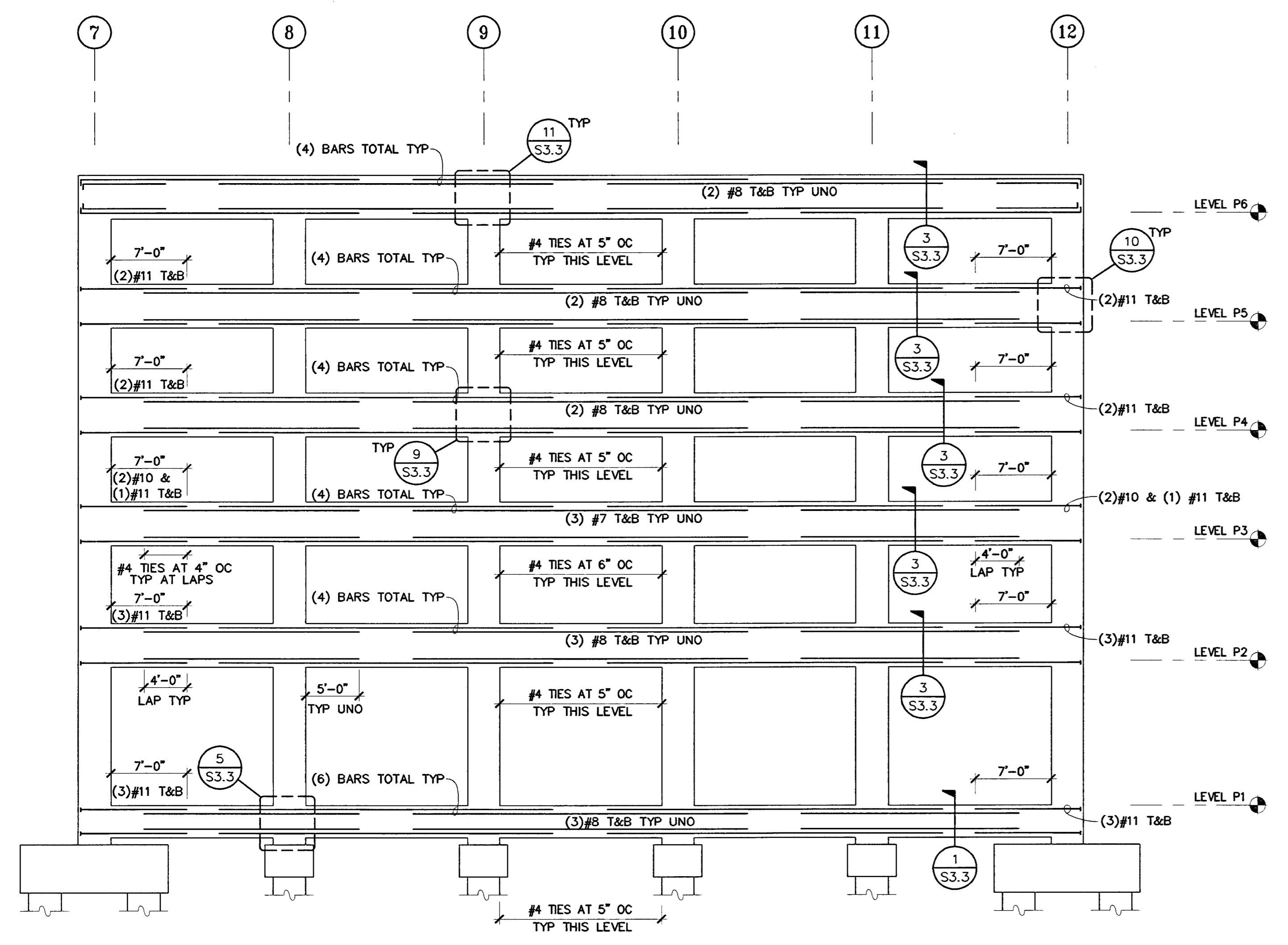
Mechanical Designer - Design/Builder  
 Comfort Air  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601



FRAME BEAM ELEVATION AT GRID '18'

NO SCALE

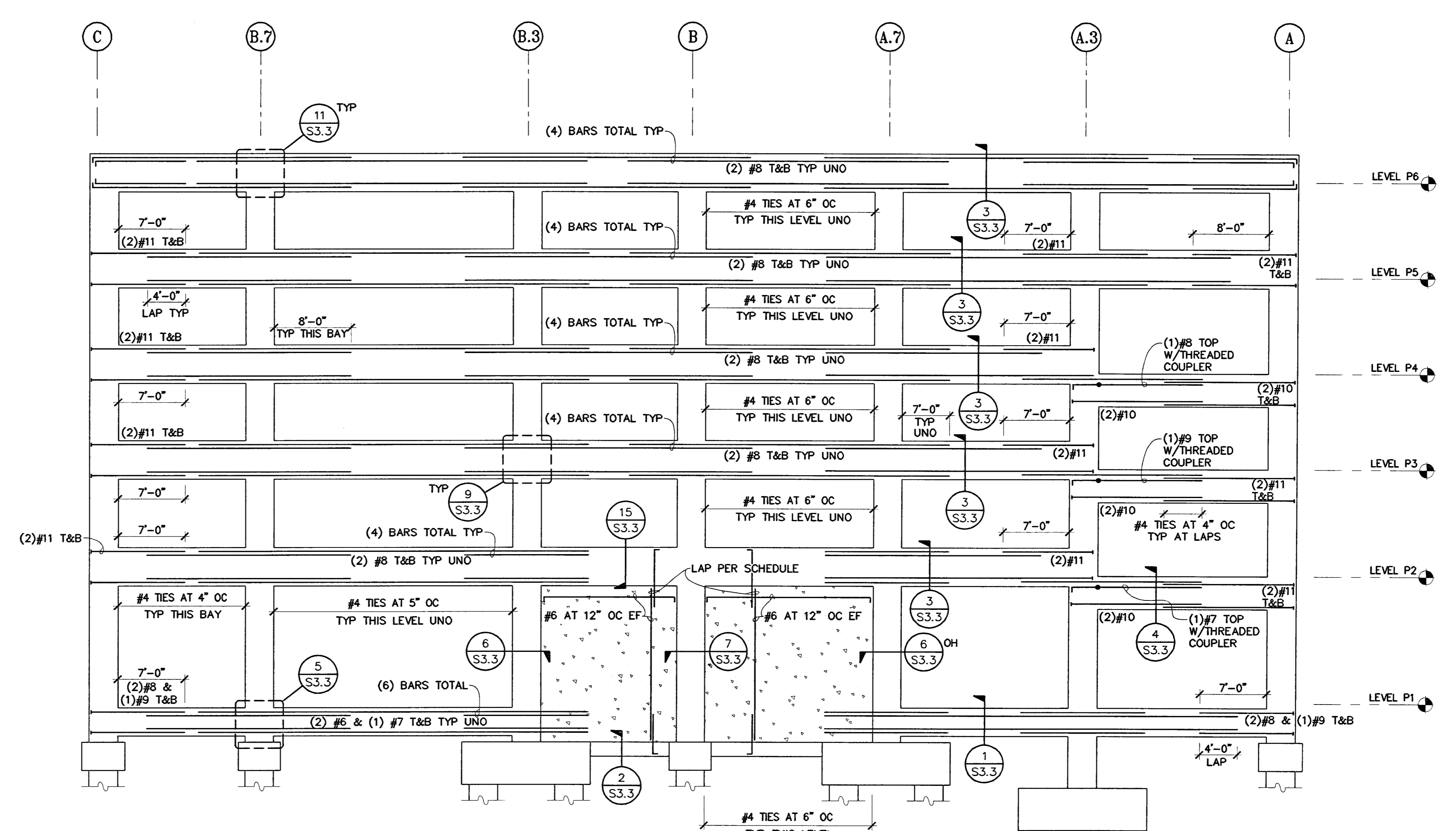
2  
 S3.2



FRAME BEAM ELEVATION AT GRID 'A'

NO SCALE

3  
 S3.2



FRAME BEAM ELEVATION AT GRID '1'

NO SCALE

1  
 S3.2

BERRYMAN & HENIGAR  
 APPROVED

REVISIONS BY: [Signature]  
 2-28-05 RESPONSE TO PLAN CHECK

BERRYMAN & HENIGAR  
 APPROVED  
 MAR 09 2005



SHEET TITLE  
**FRAME BEAM ELEVATIONS**

DATE	07/28/04	SCALE	NONE
DRAWN BY	MDN	CHECKED BY	
DRAWING NO.		SHEET	
PROGRAM NO.		R. NO.	

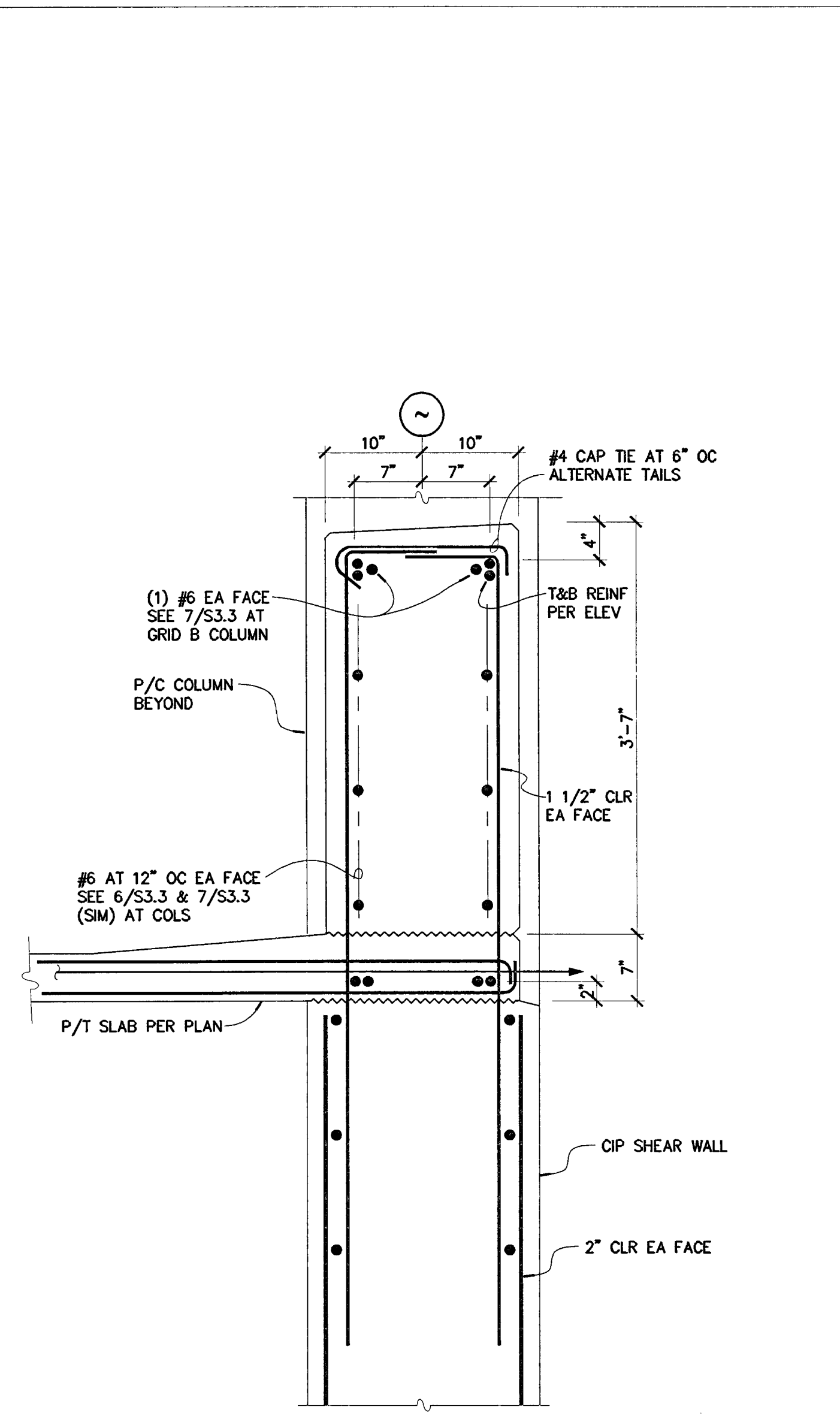
DRAWING NO:  
**S3.2**  
 PROJECT NO:  
 HNA 2319

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

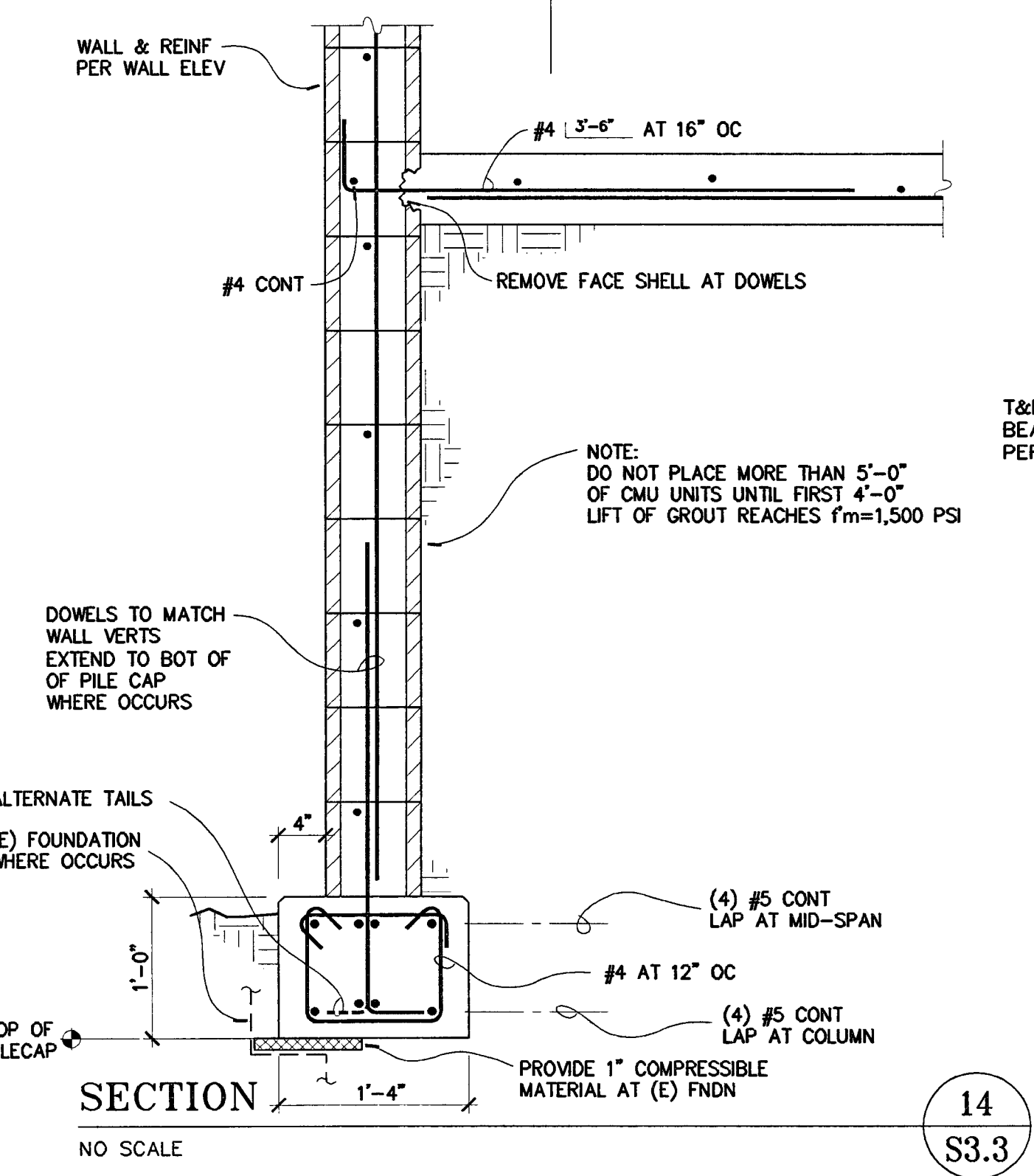
OWNER:  
 City of Stockton

DESIGN BUILDER:  
 F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

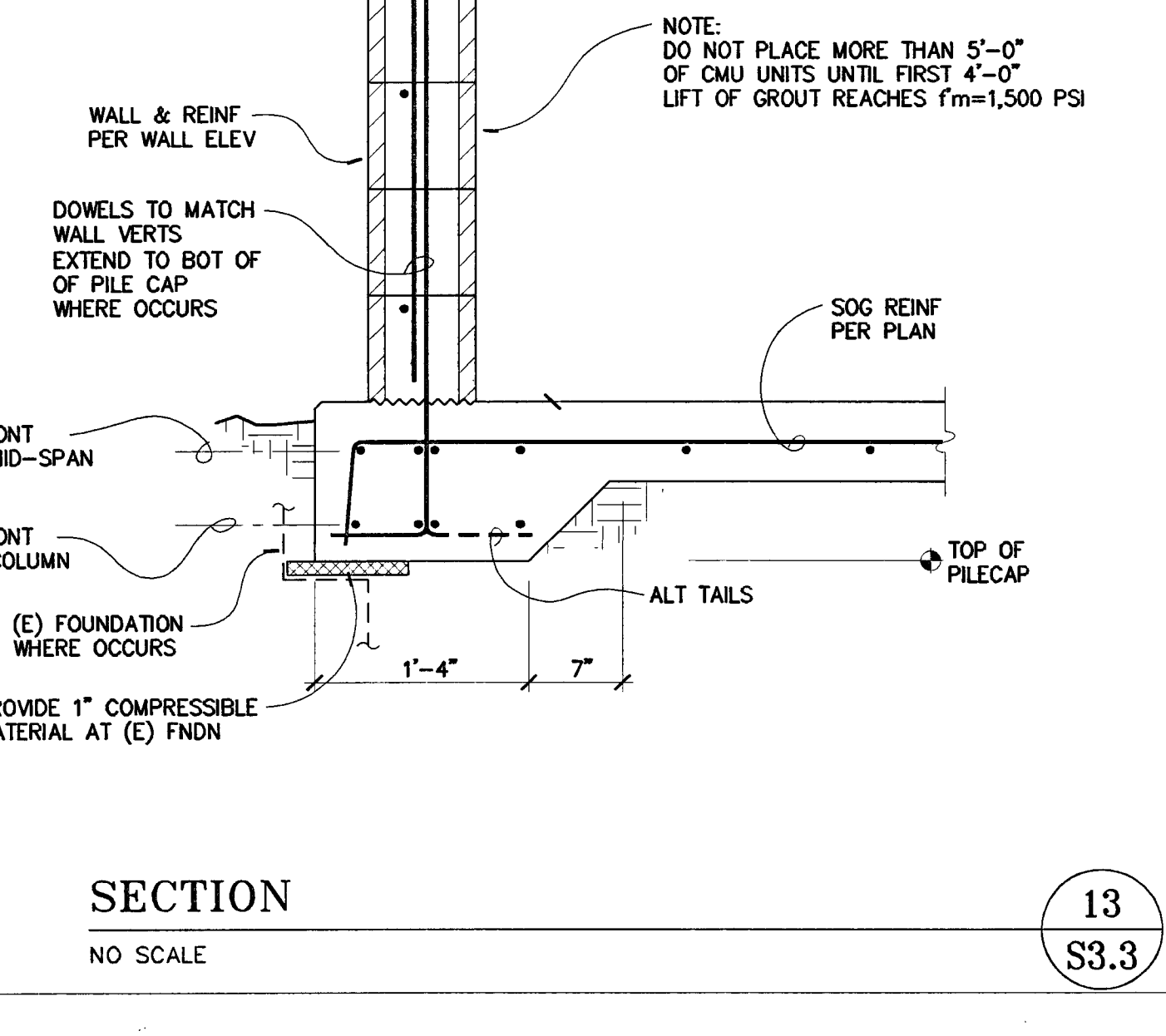
CONSULTANTS:  
 Architect - Planning Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670  
 Design Architect  
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 Civil Engineer  
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**HRM Plumbing**  
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 Electrical Designer - Design/Builder  
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 Stockton, California 95203  
 209.466.3691  
 Mechanical Designer - Design/Builder  
**Comfort Air**  
 9507 Turlock Road  
 Stockton, California 95201  
 209.466.4601



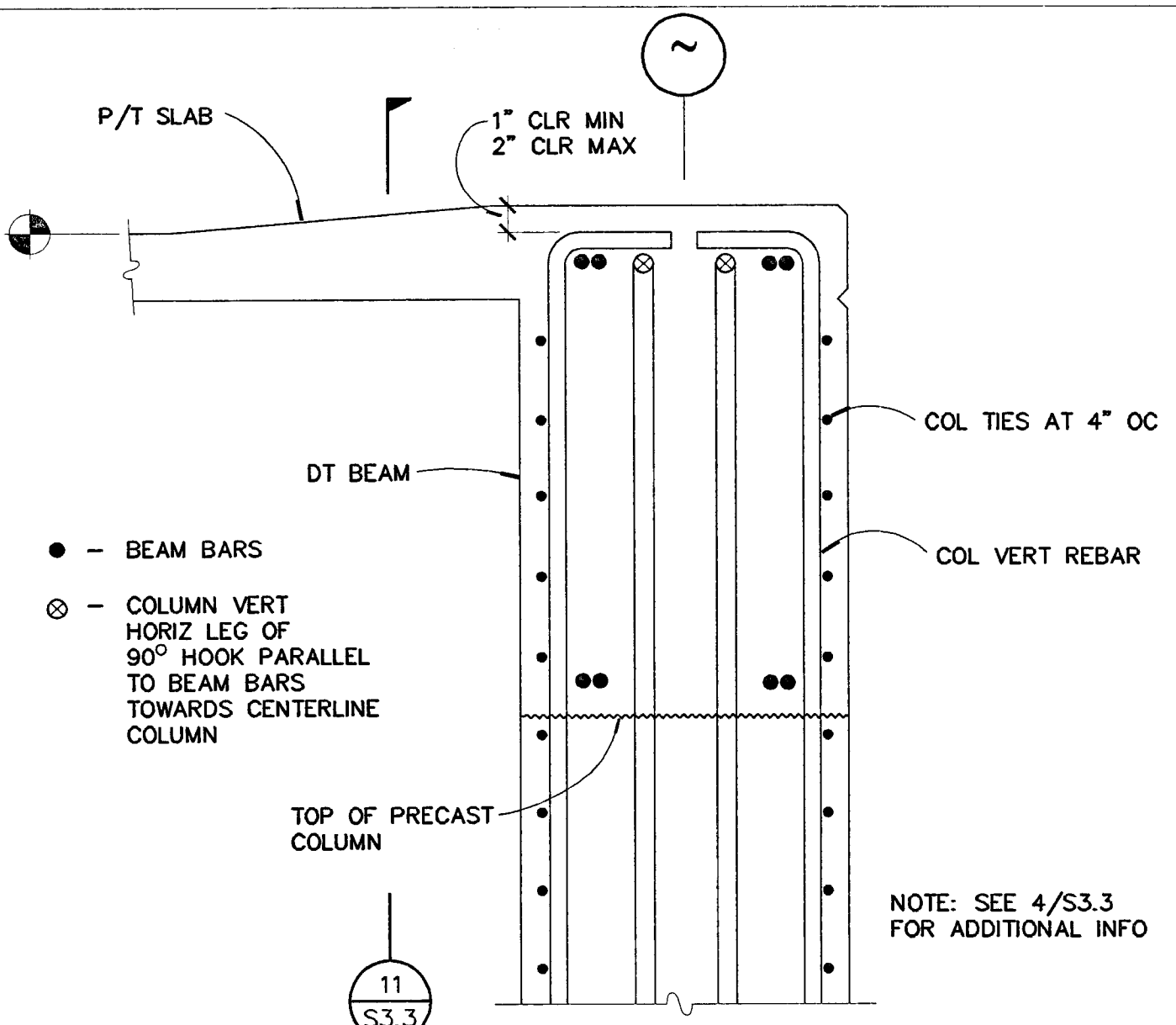
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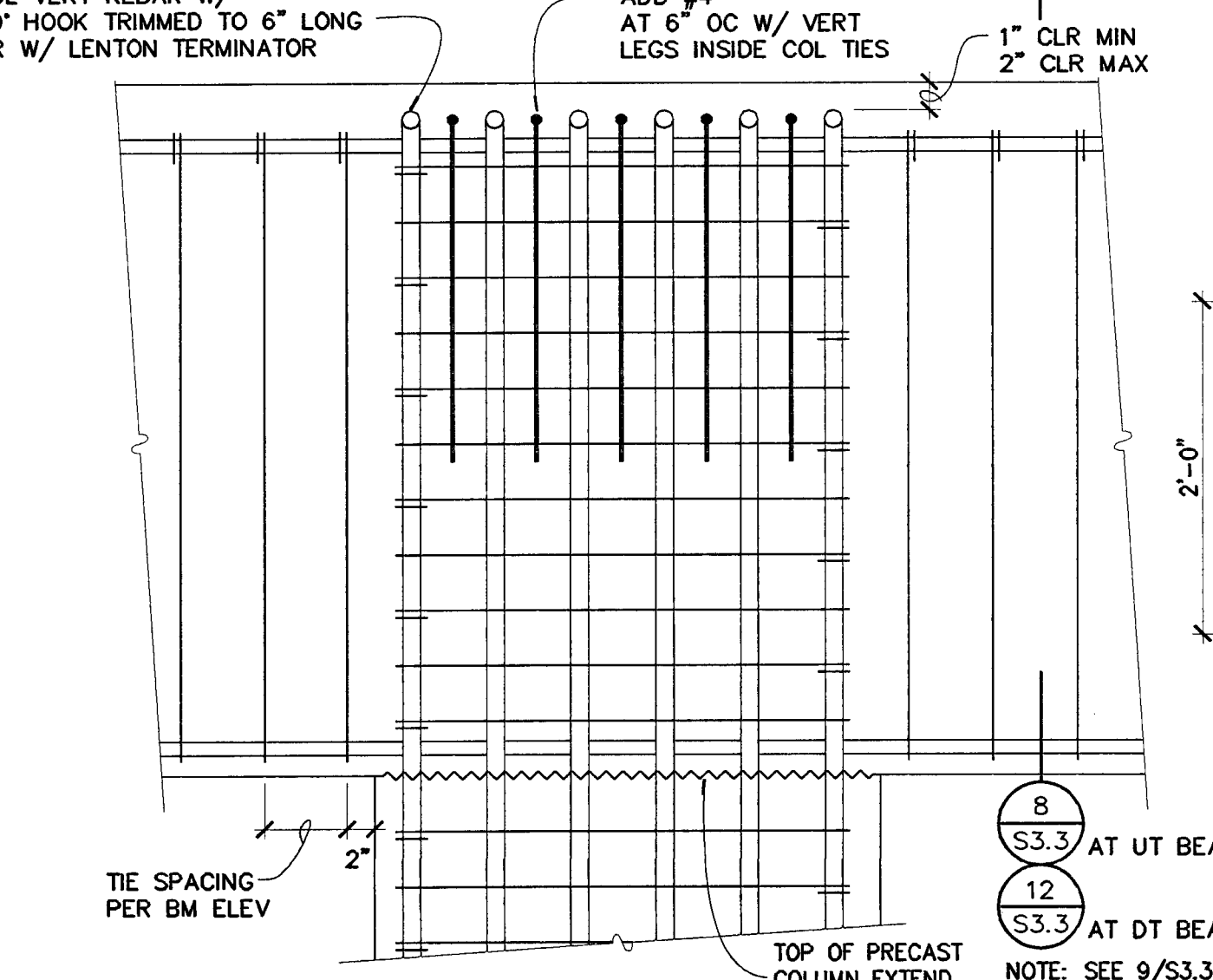
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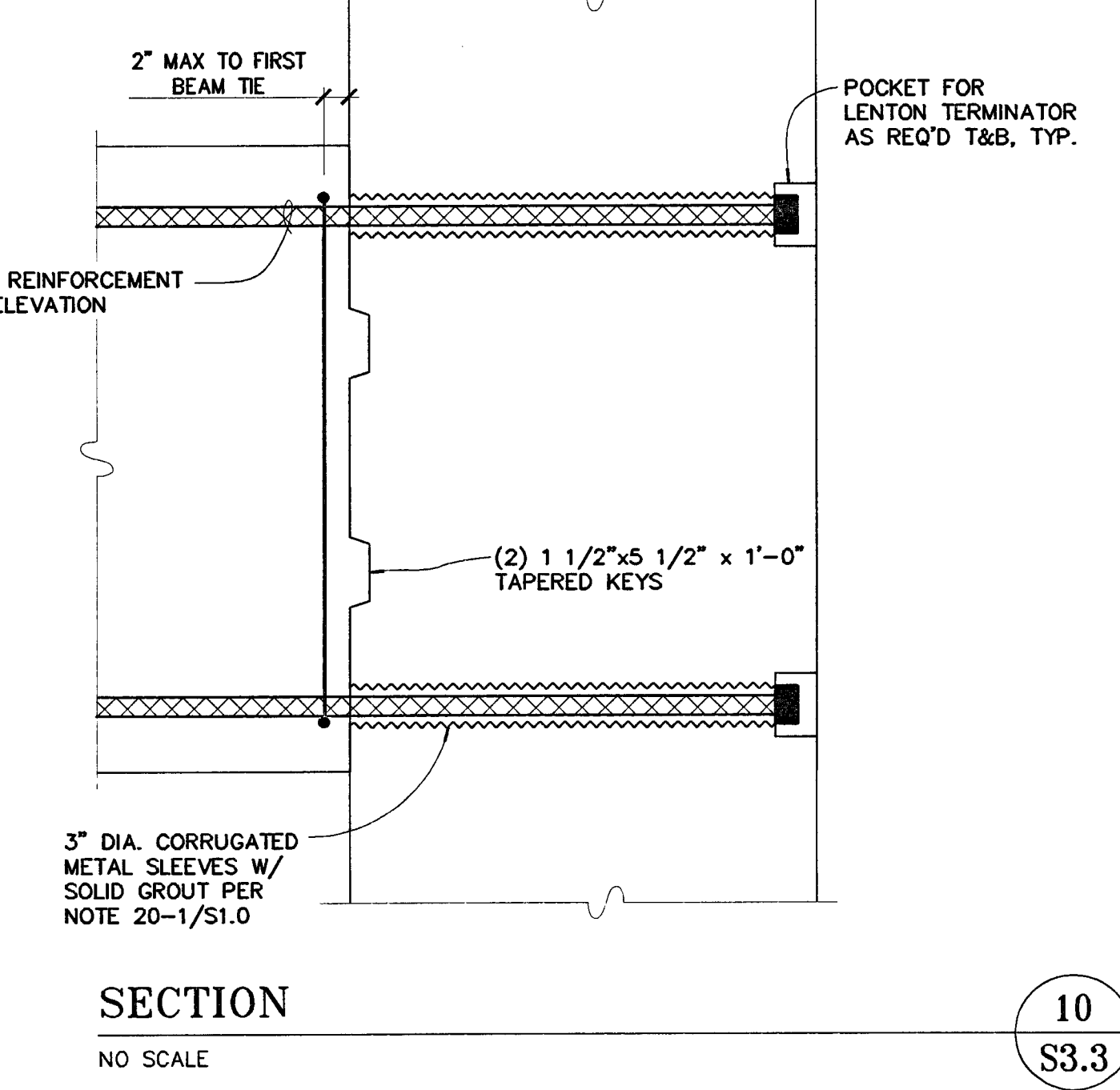
SECTION 13  
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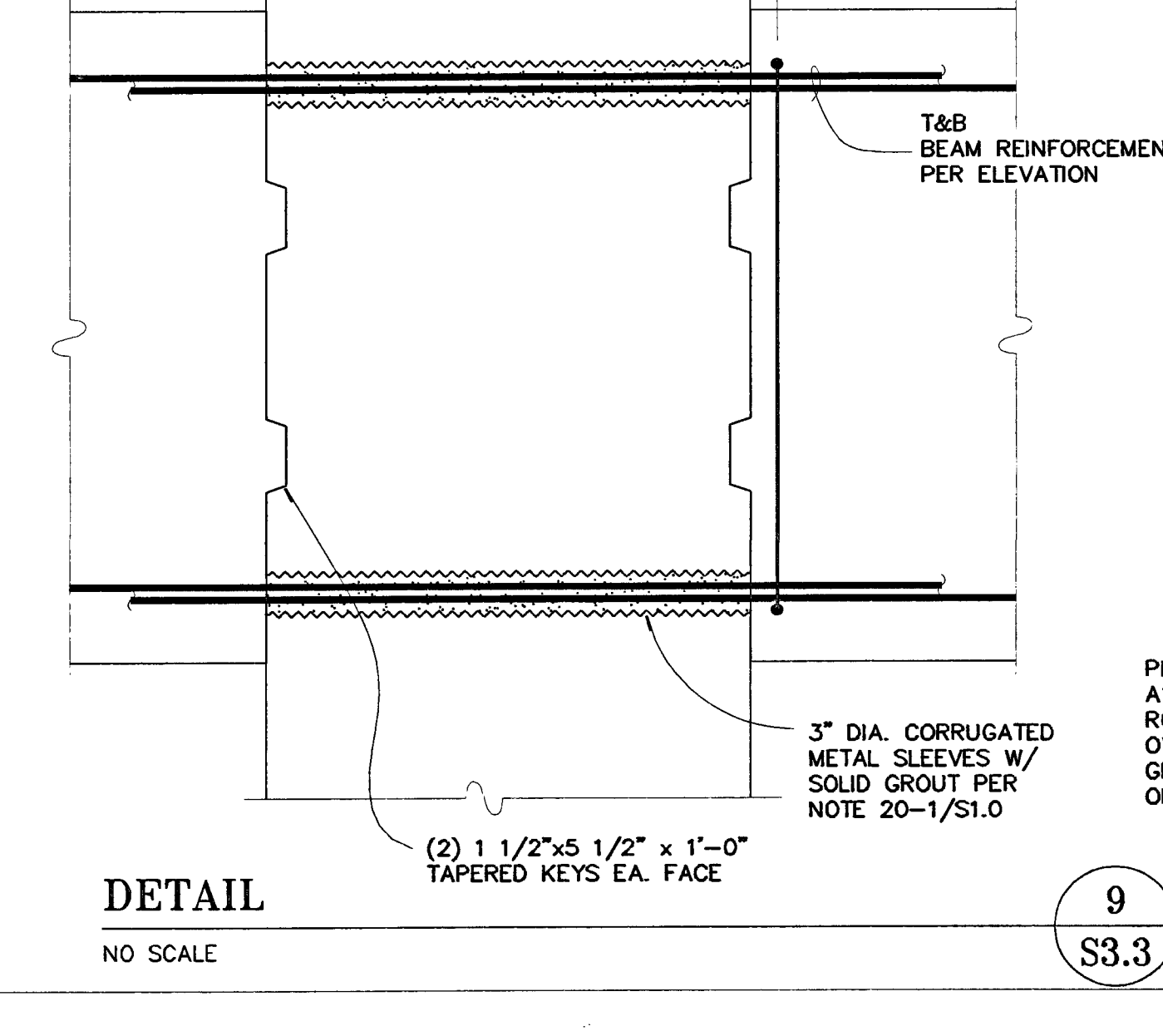
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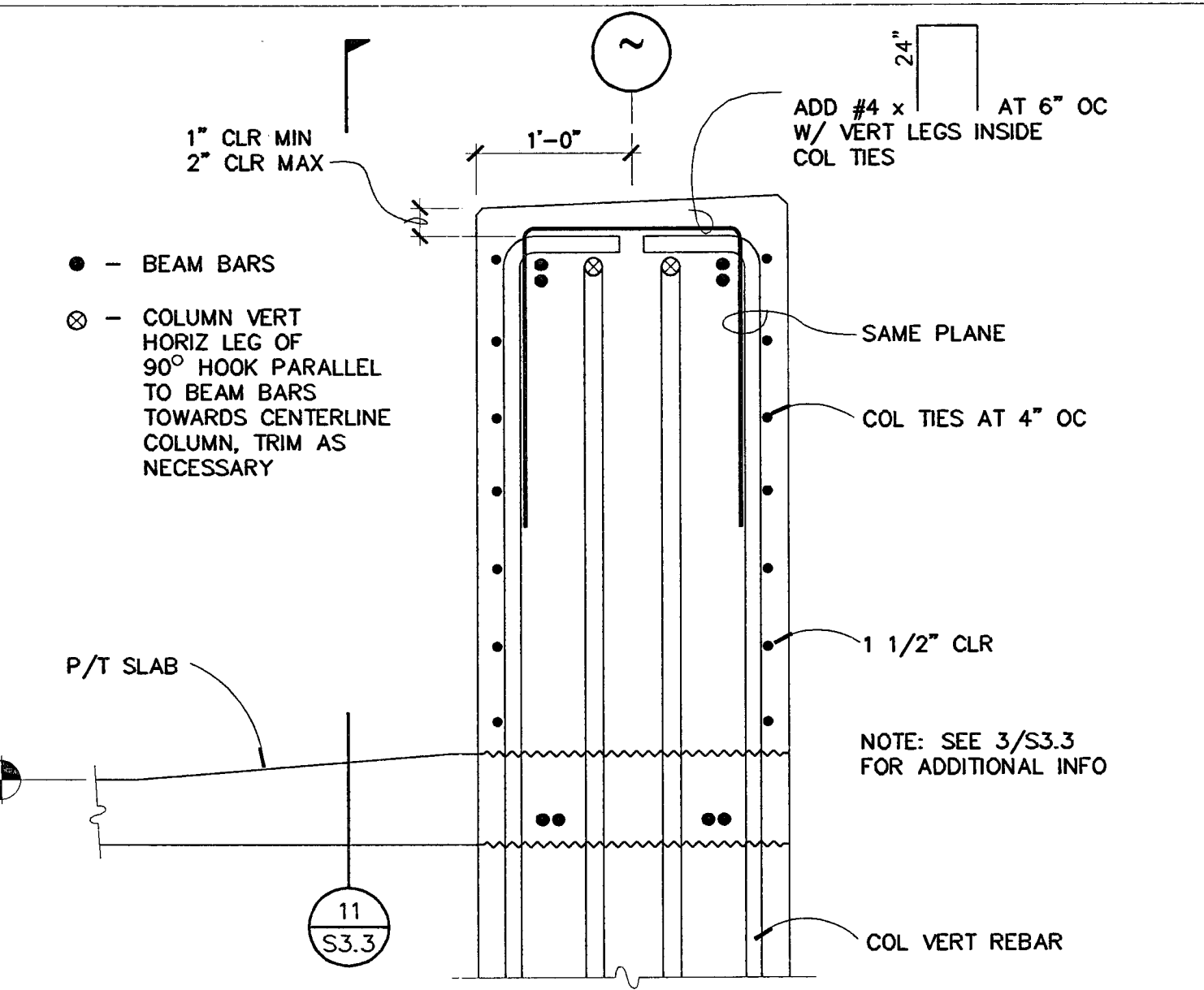
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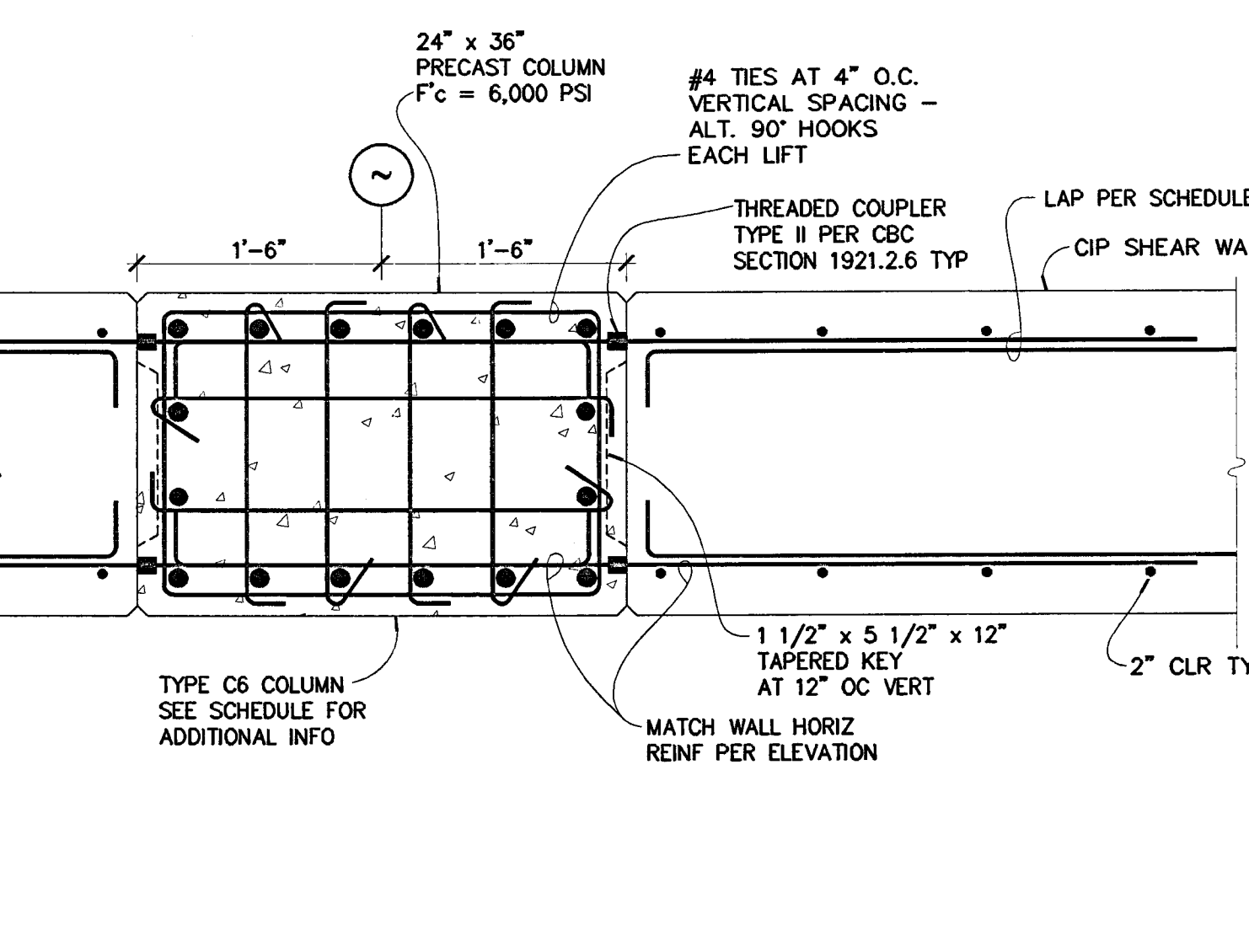
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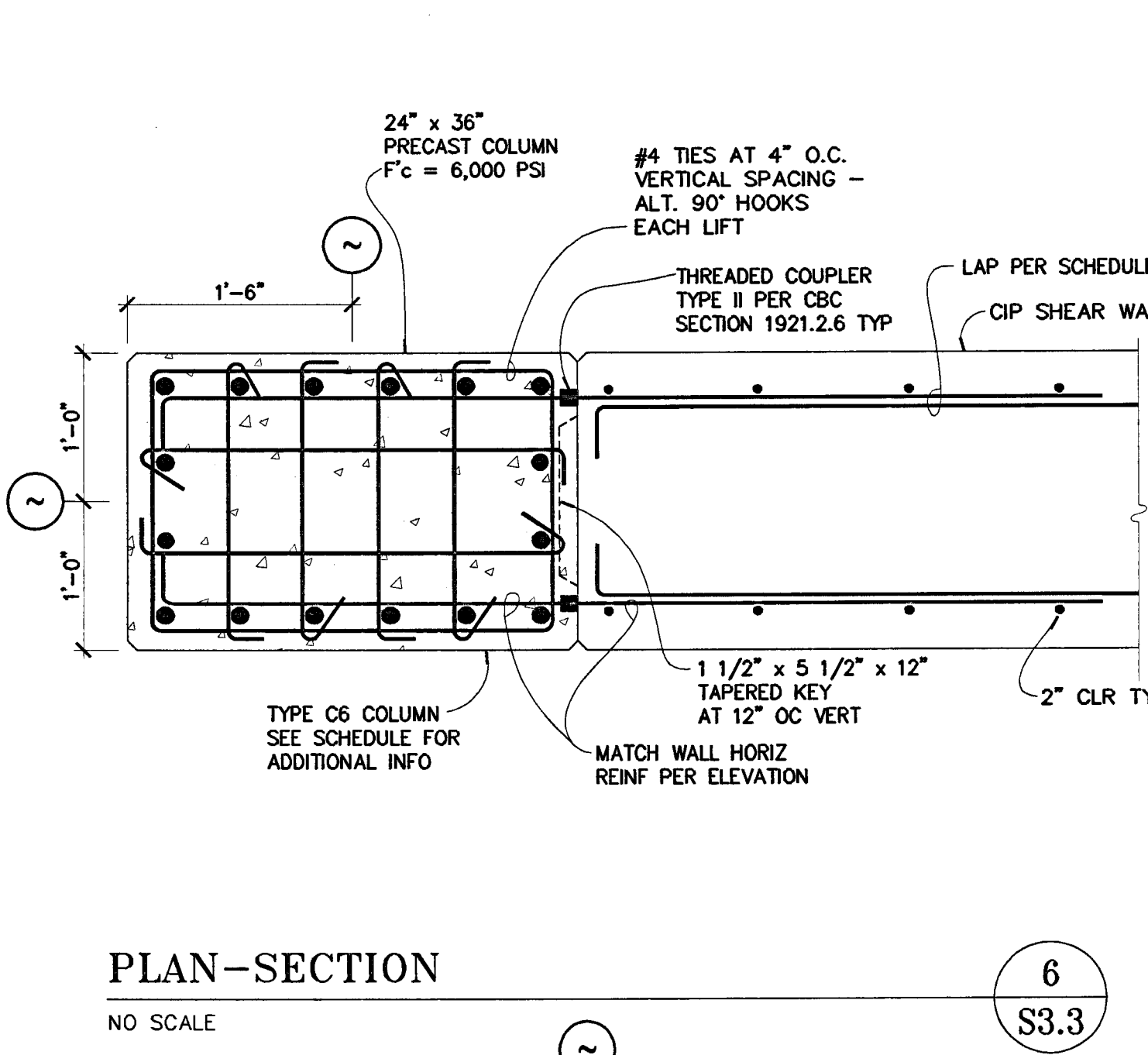
SECTION 9  
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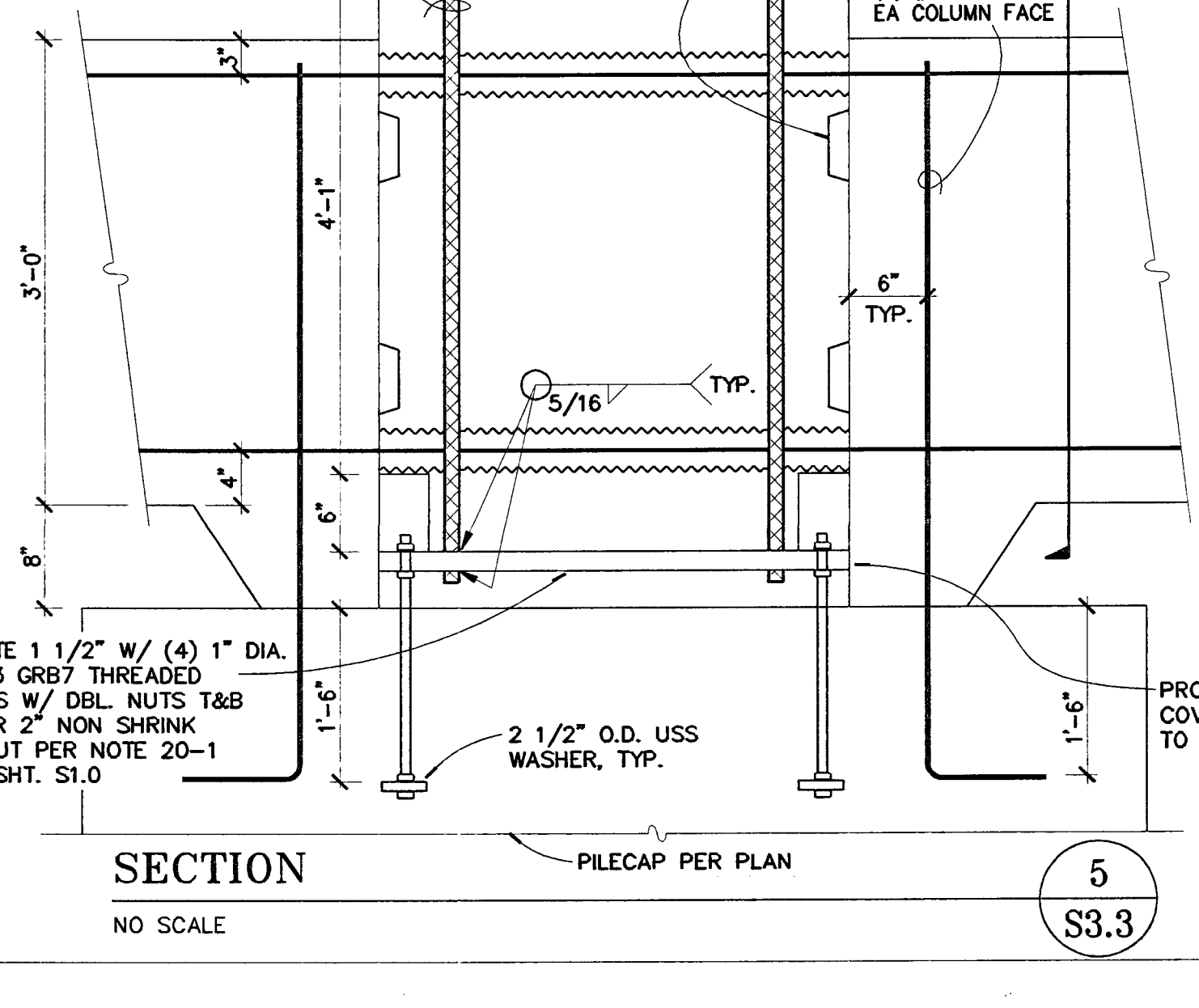
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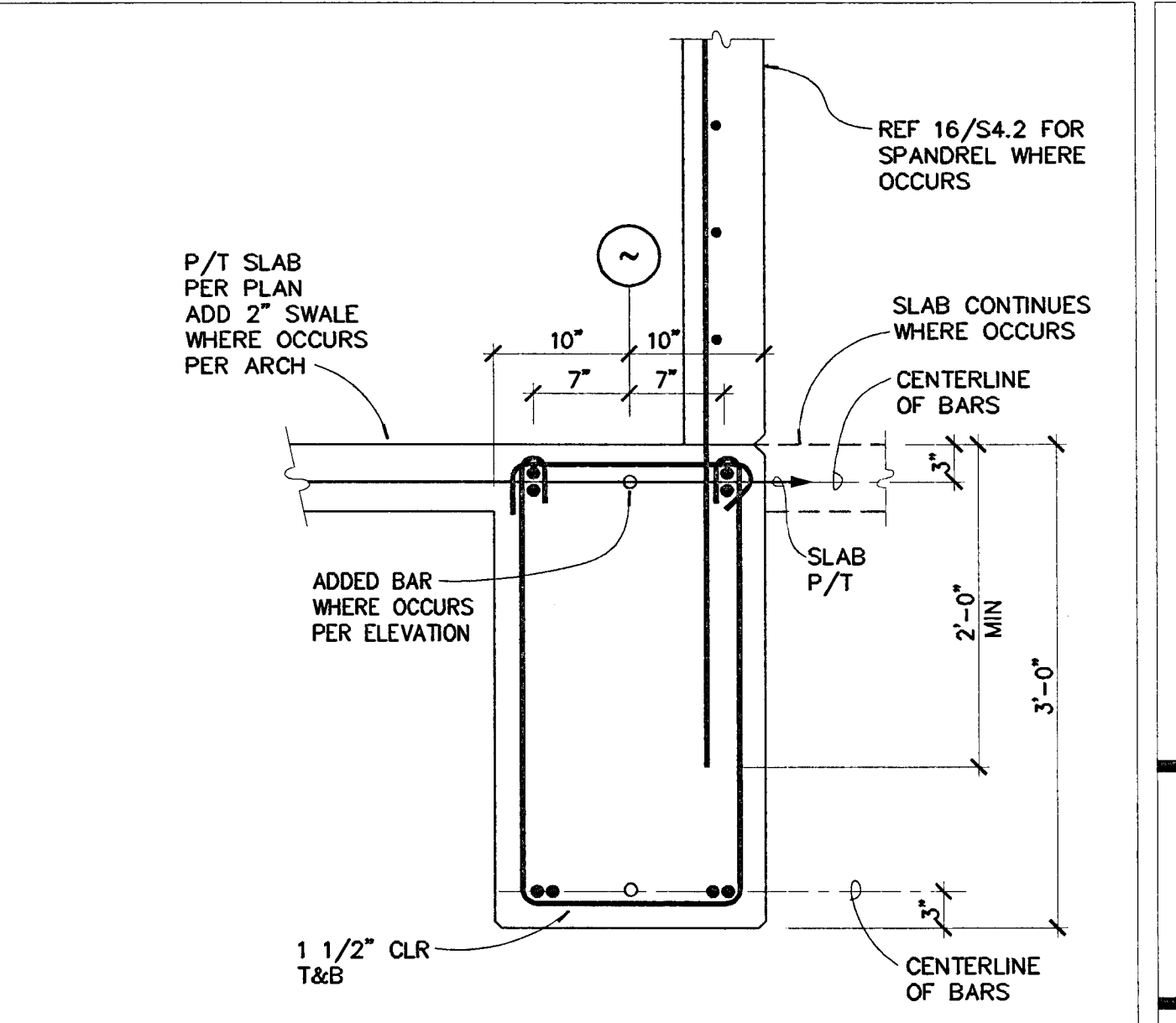
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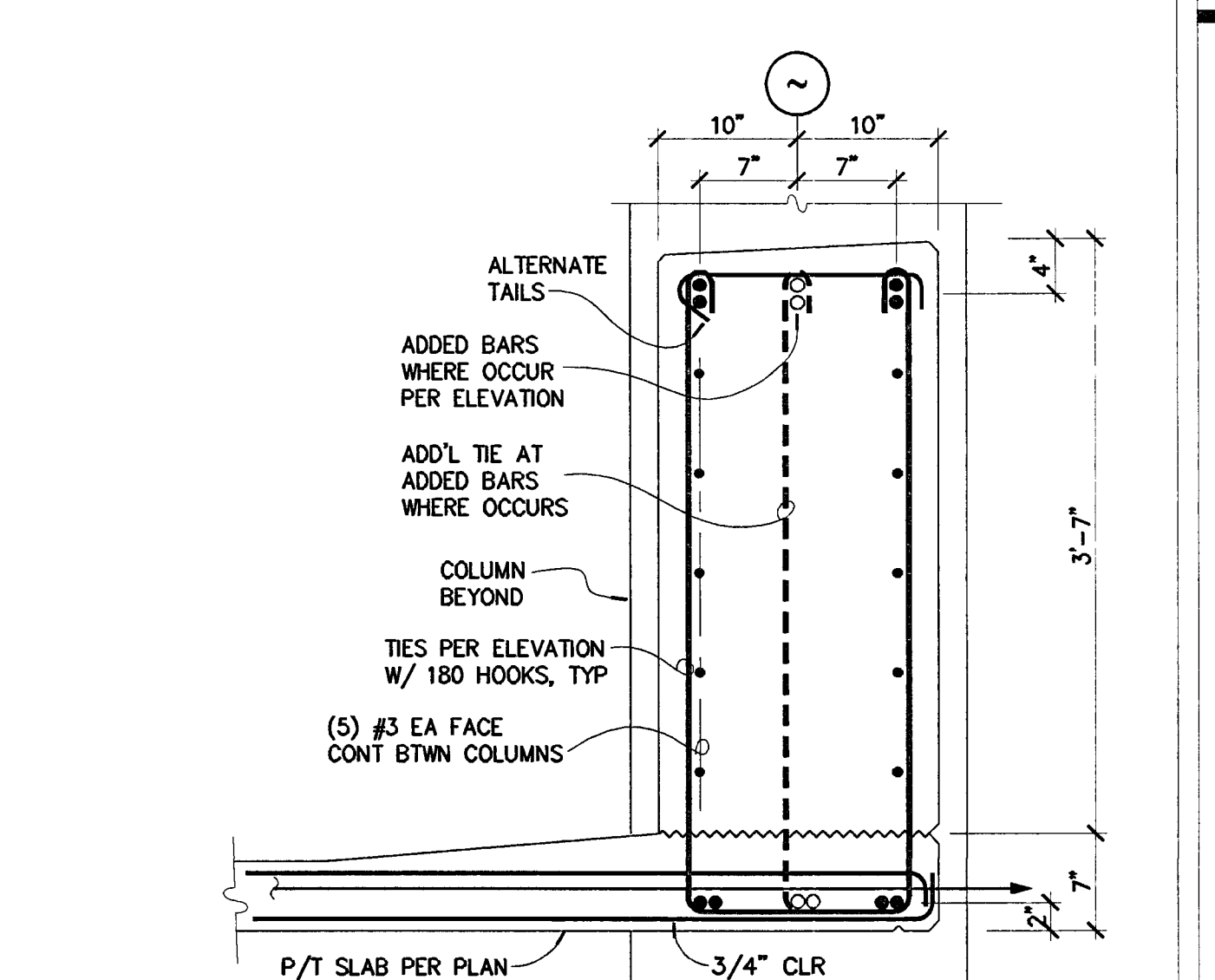
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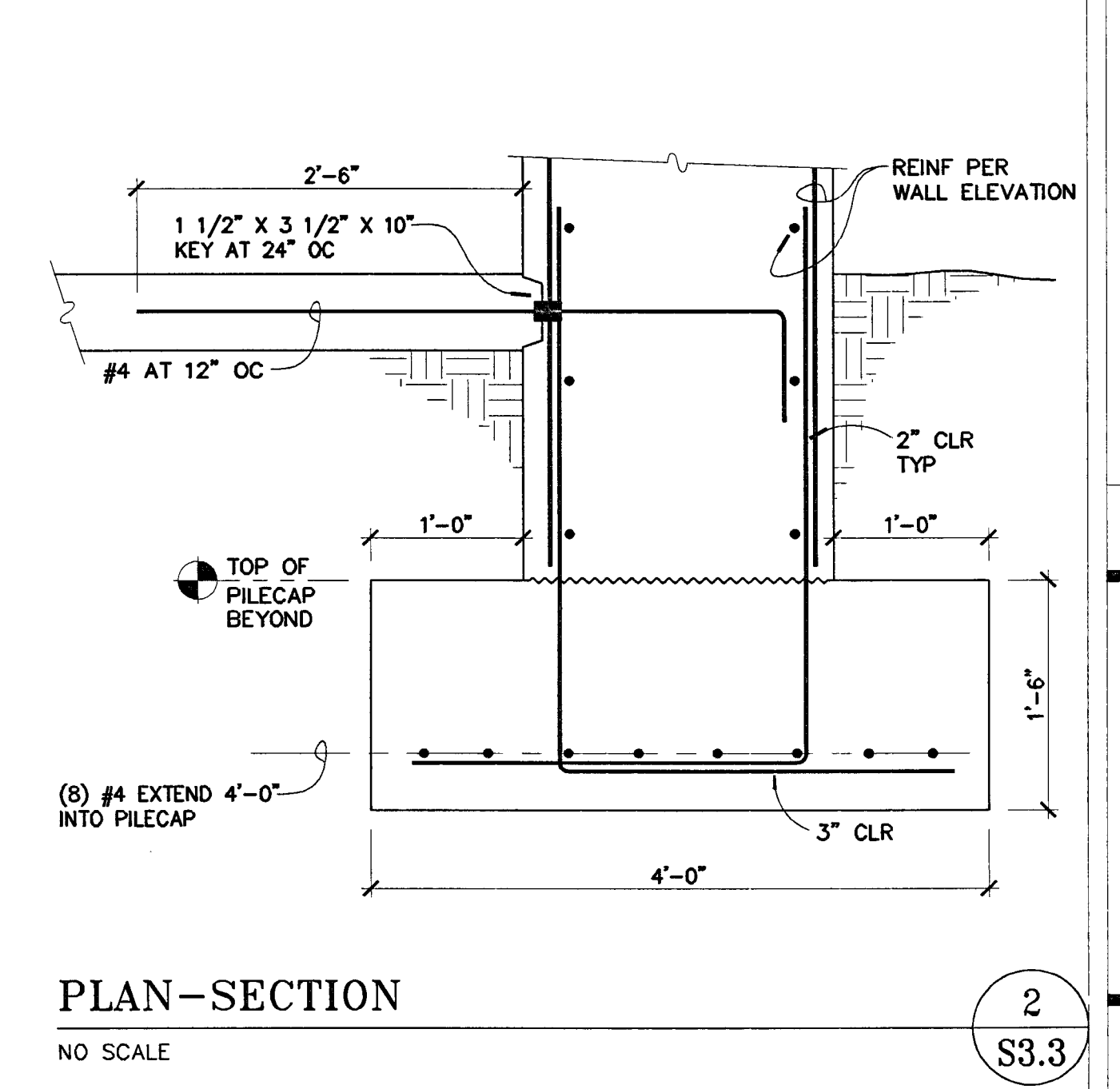
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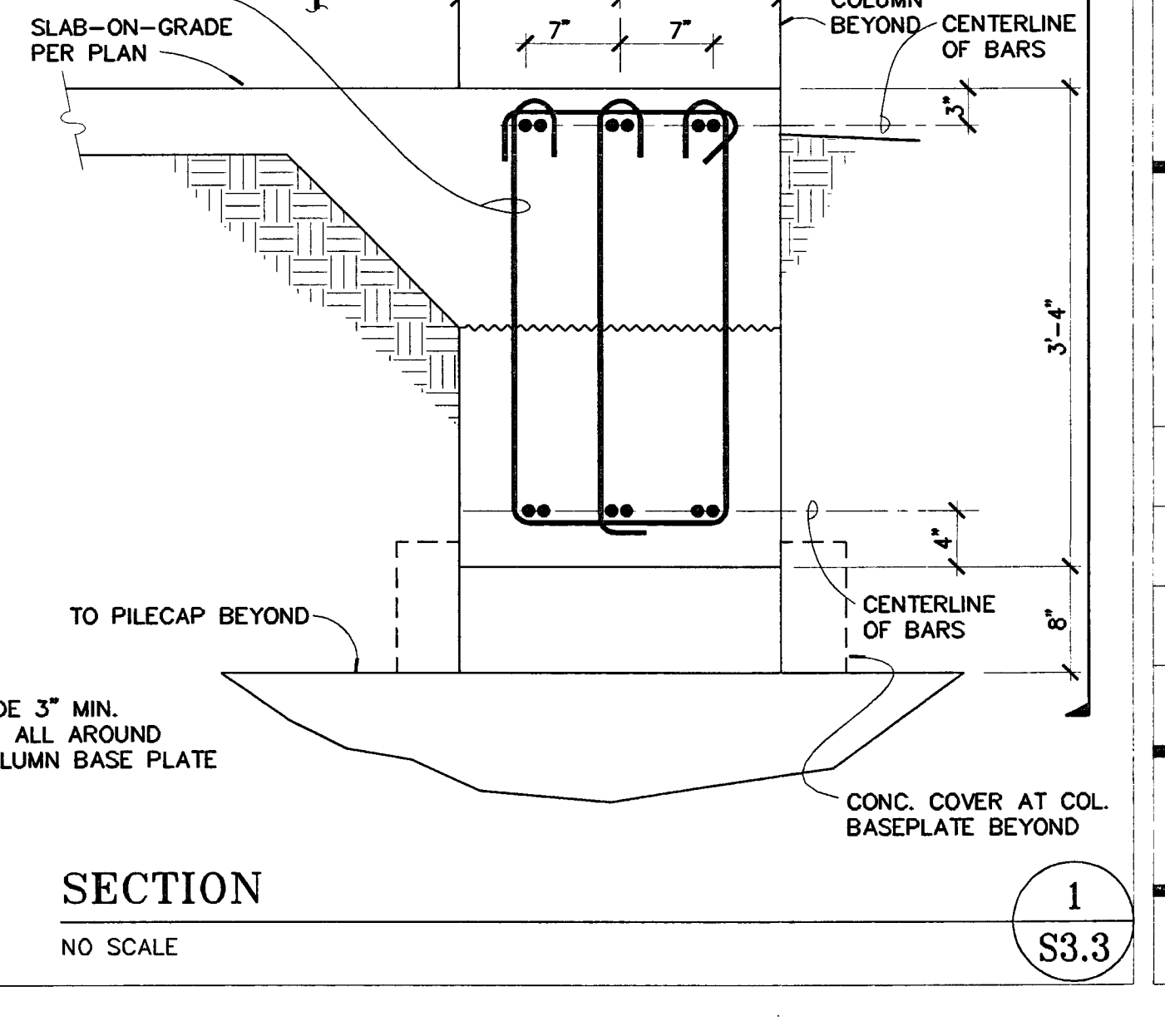
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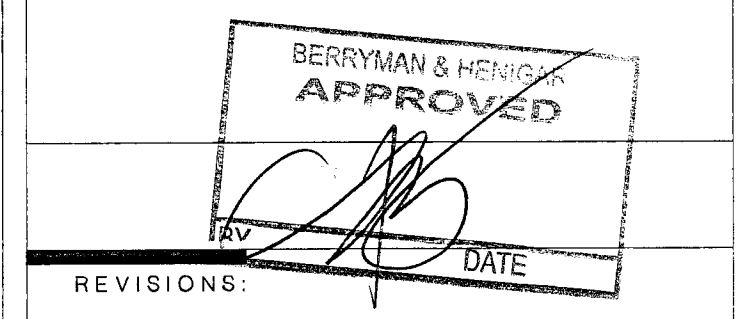
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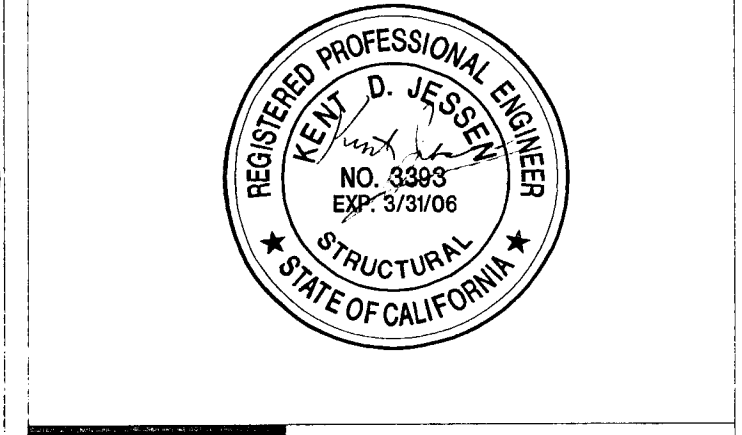
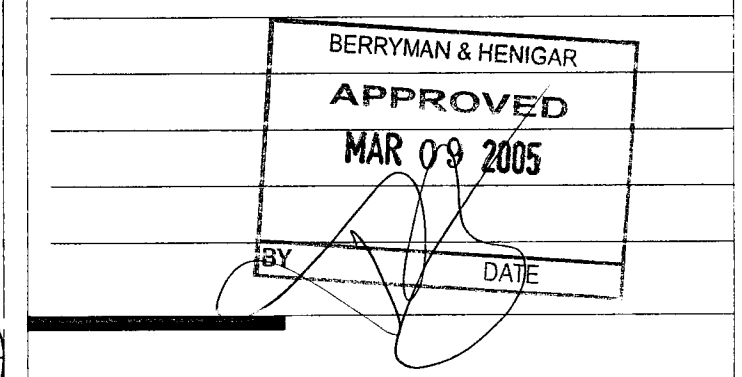
SECTION 2  
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 S3.3



SECTION 1  
 NO SCALE  
 S3.3



REVISIONS:  
 2-28-05 RESPONSE TO PLAN CHECK



SHEET TITLE  
**CONCRETE DETAILS**

DATE	SCALE
07/28/04	T = 1-0"
DRAWN BY	CHECKED BY
MDN	
DRAWING NO.	SHEET
PROGRAM NO.	R-NO.
DRAWING NO.	S3.3
PROJECT NO.	HNA 2319

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

**OWNER:**  
 City of Stockton

**DESIGN BUILDER:**  
**F&H Construction**  
 4845 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

**CONSULTANTS:**  
**Architect - Parking Consultant**  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palms Verdes, California 90275  
 310.544.8670

**Design Architect**  
**Wendell Matthois Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110

**Structural Engineer**  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

**Civil Engineer**  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

**Plumbing Designer - Design/Builder**  
**HRM Plumbing**  
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**Mechanical Designer - Design/Builder**  
**Comfort Air**  
 1507 Turnpike Road  
 Stockton, California 95201  
 209.466.4601

BERRYMAN & HENIGAR  
**APPROVE**  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_

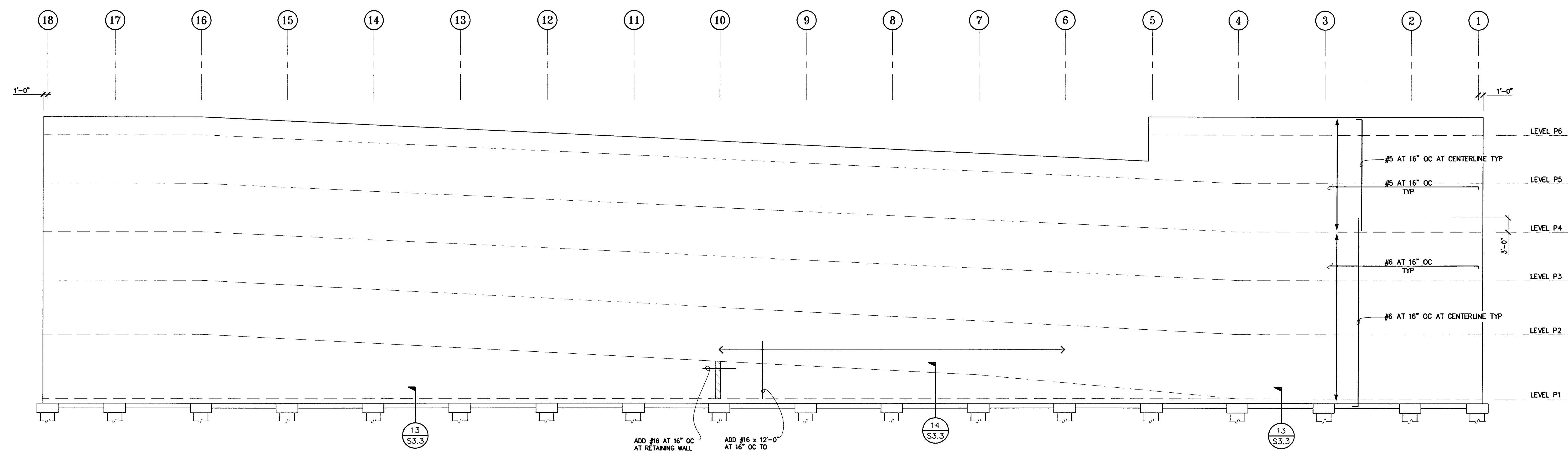
**REVISIONS:**  
 2-28-05 RESPONSE TO PLAN CHECK

BERRYMAN & HENIGAR  
**APPROVE**  
 MAR 09 2005  
 BY: \_\_\_\_\_ DATE: \_\_\_\_\_



**WALL ELEVATIONS**

DATE	SCALE
07/28/04	3/32" = 1'-0"
DRAWN BY	CHECKED BY
MDN	
DRAWING NO.	SHEET
PROGRAM NO.	R-N.O.
DRAWING NO.	<b>S3.4</b>
PROJECT NO.	HNA 2319



**SHEAR WALL ELEVATION AT GRID 'C'**

NO SCALE

- NOTES:**
- 5" CMU F<sub>m</sub>=1,500 PS
  - REBAR POSITIONING REQUIRED PER 2/54.5
  - LAP PER NOTE 5-6 S1.0
  - SEE DETAILS 13/S3.3 AND 14/S3.3 FOR ADD'L GROUT PLACEMENT REQUIREMENTS
  - SEE PLANS FOR CONNECTIONS TO SLABS

1  
 S3.4



**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
 F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:

Architect - Parking Consultant  
 HNA / Pacific  
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 310.544.8670

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 Stockton, California 95202  
 209.944.9110

Structural Engineer  
 Jessen-Wright Structural Engineers  
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 530.894.5345

Civil Engineer  
 Siegfried Engineering, Inc.  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

Plumbing Designer - Design/Builder  
 HFM Plumbing  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

Electrical Designer - Design/Builder  
 Collins Electrical  
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 Stockton, California 95203  
 209.466.3691

Mechanical Designer - Design/Builder  
 Comfort Air  
 7807 Turpike Road  
 Stockton, California 95201  
 209.466.4601

BERRYMAN & HENIGAR  
 APPROVED  
 DATE

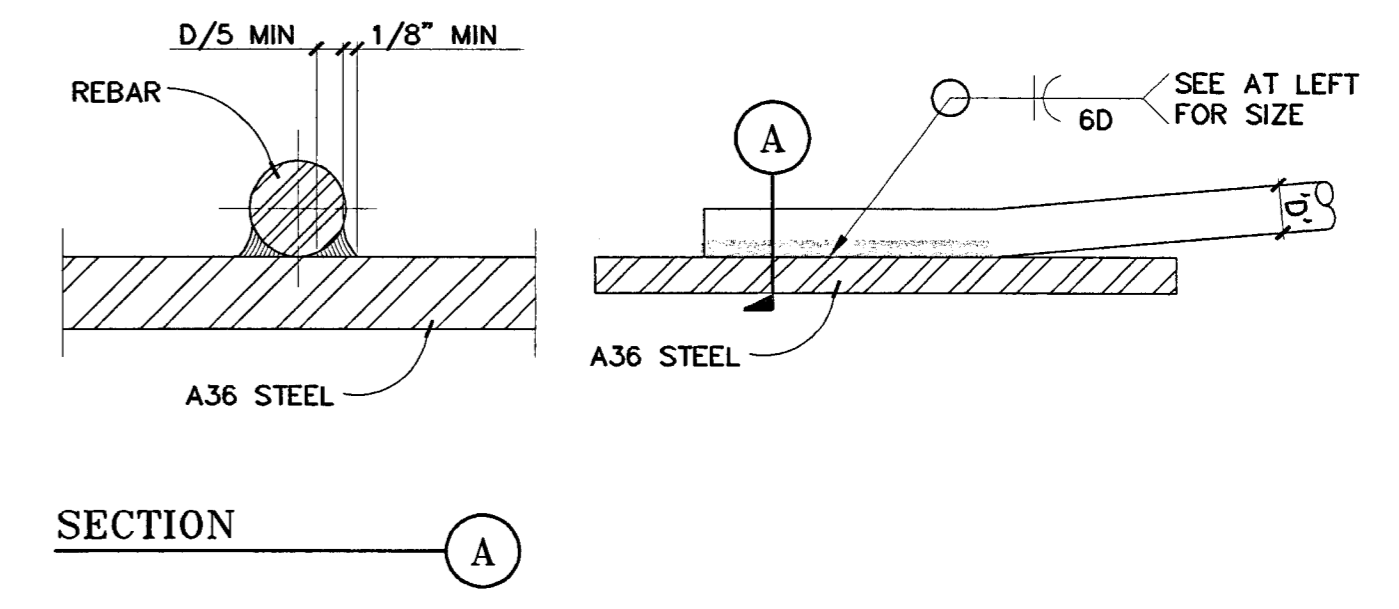
REVISIONS:  
 2-28-05 RESPONSE TO PLAN CHECK

BERRYMAN & HENIGAR  
 APPROVED  
 MAR. 09. 2005

REGISTERED PROFESSIONAL ENGINEER  
 KEN D. JESSEN  
 NO. 3383  
 EXP. 3/31/06  
 STRUCTURAL  
 STATE OF CALIFORNIA

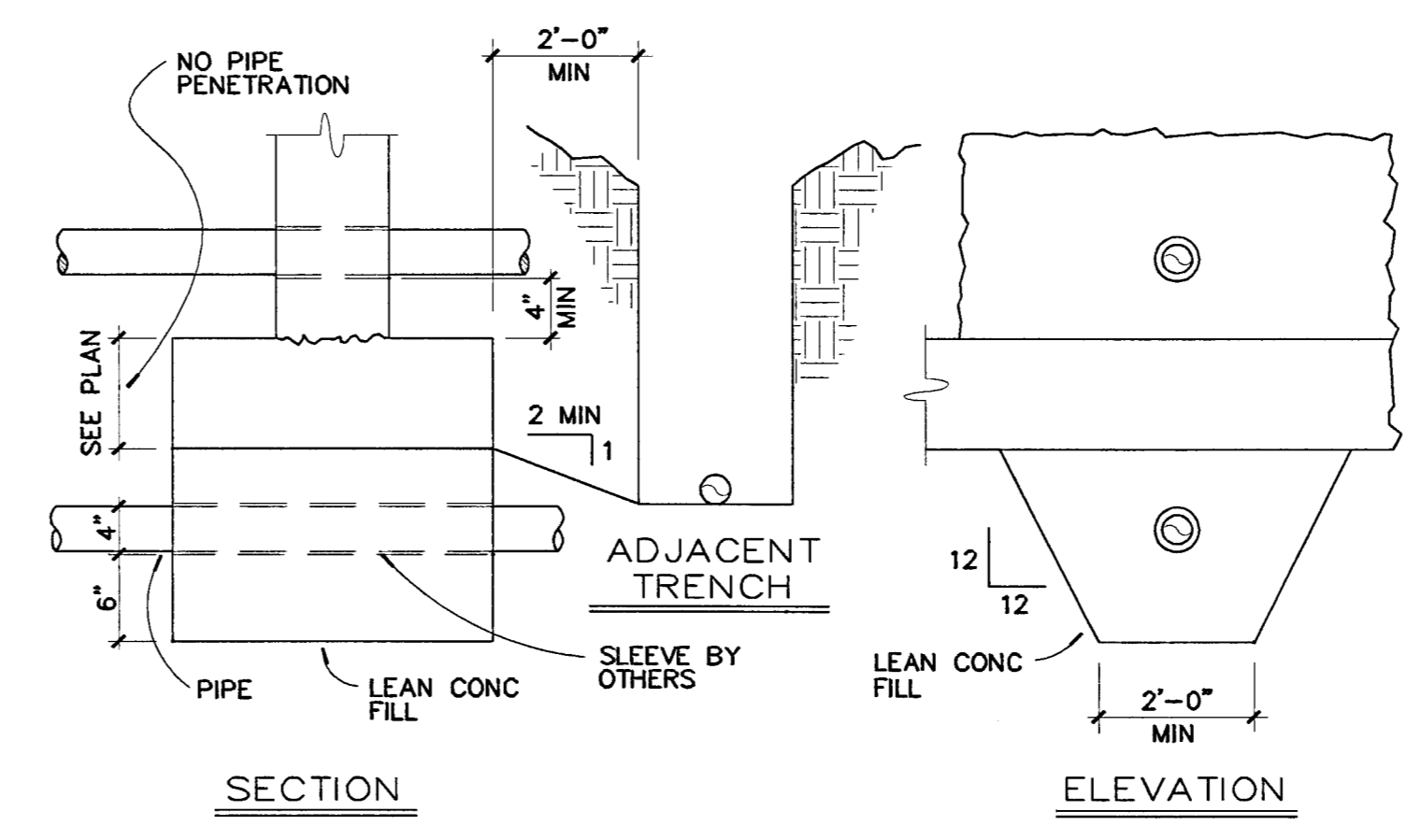
SHEET TITLE  
**DETAILS**

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PROGRAM NO.		R.NO.	
DRAWING NO.	<b>S4.1</b>		
PROJECT NO.	HNA 2319		

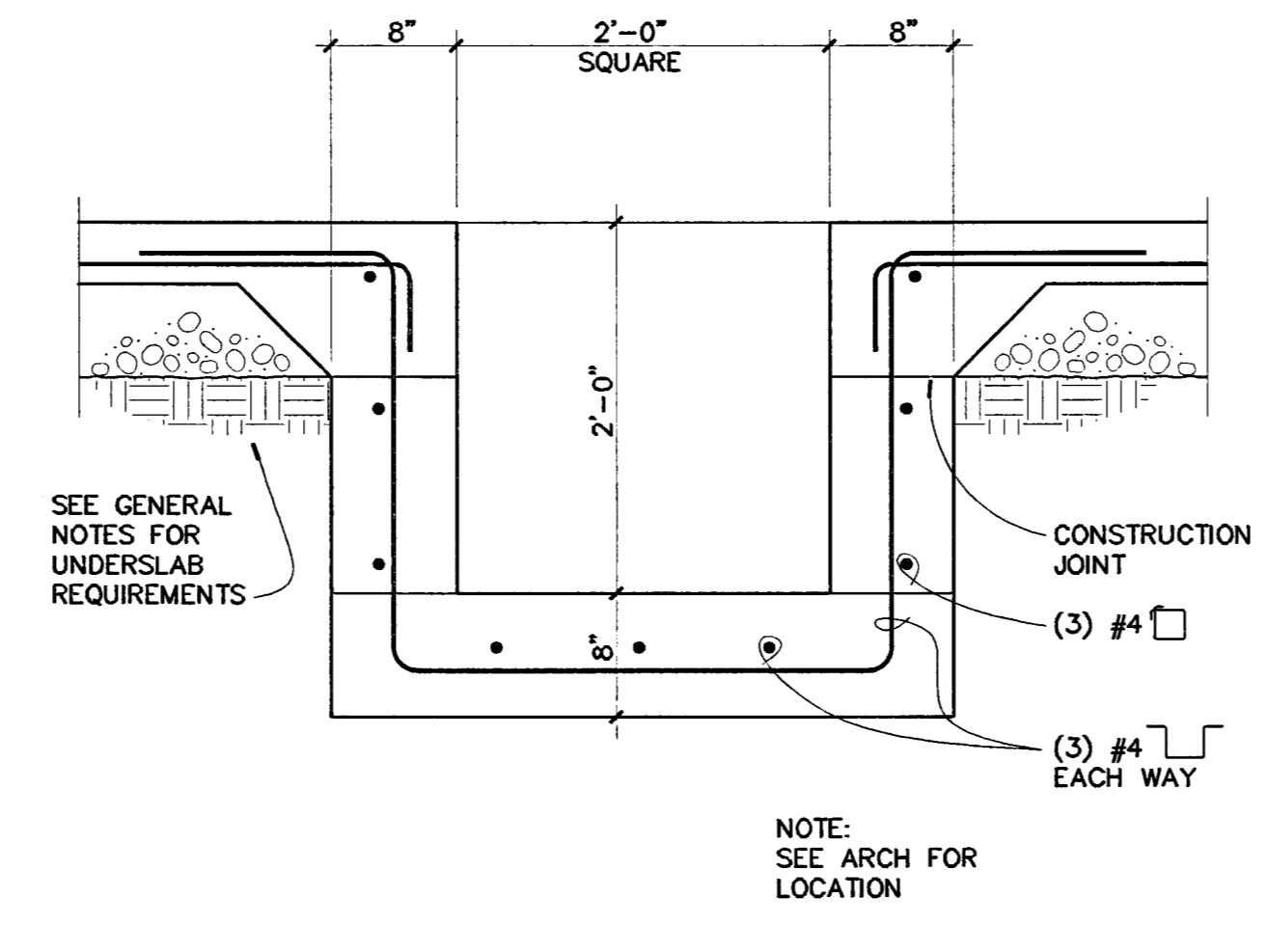


NOTES:  
 1. REBAR SHALL BE ASTM A706.  
 2. ALL PREHEATING AND WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.4.  
 3. ALL WELDING SHALL BE CONTINUOUSLY INSPECTED BY A QUALIFIED LABORATORY.

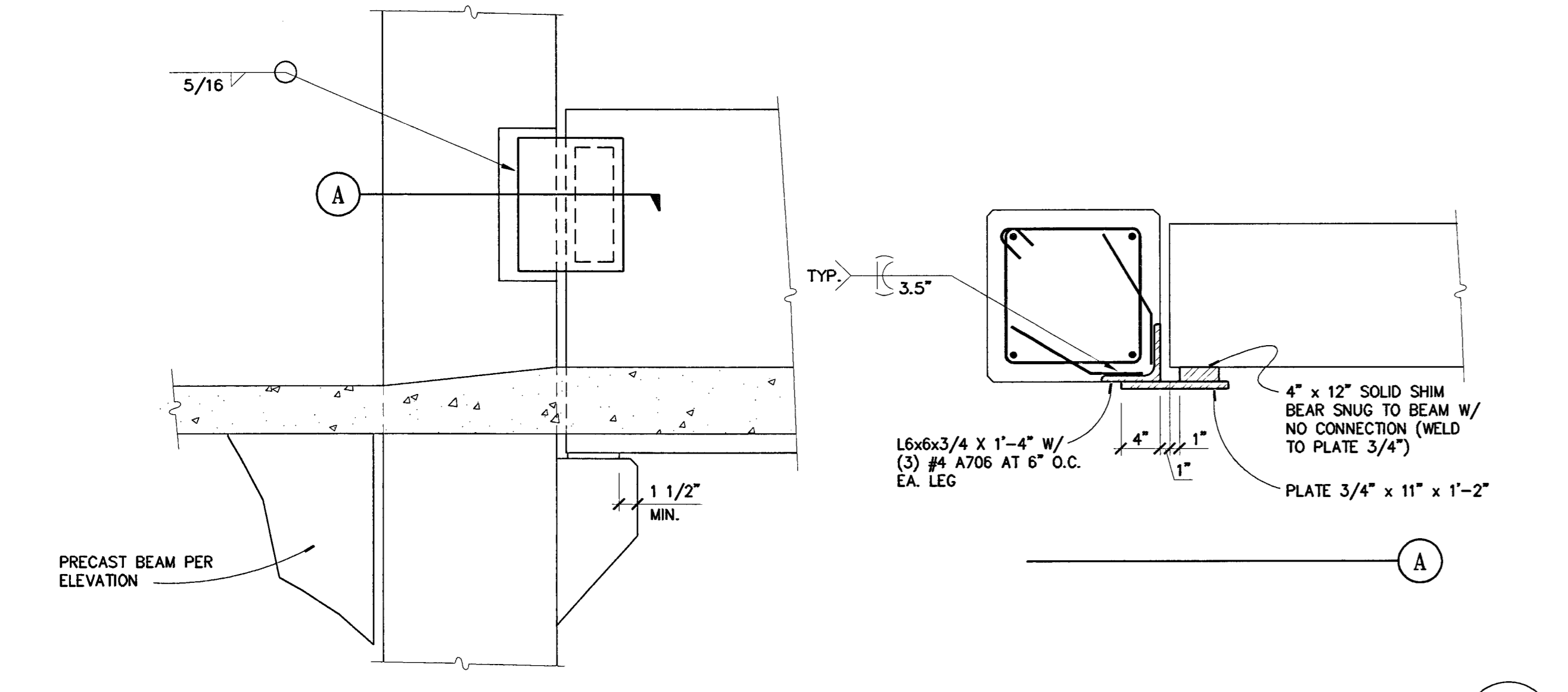
REBAR WELDING DETAIL 4 S4.1



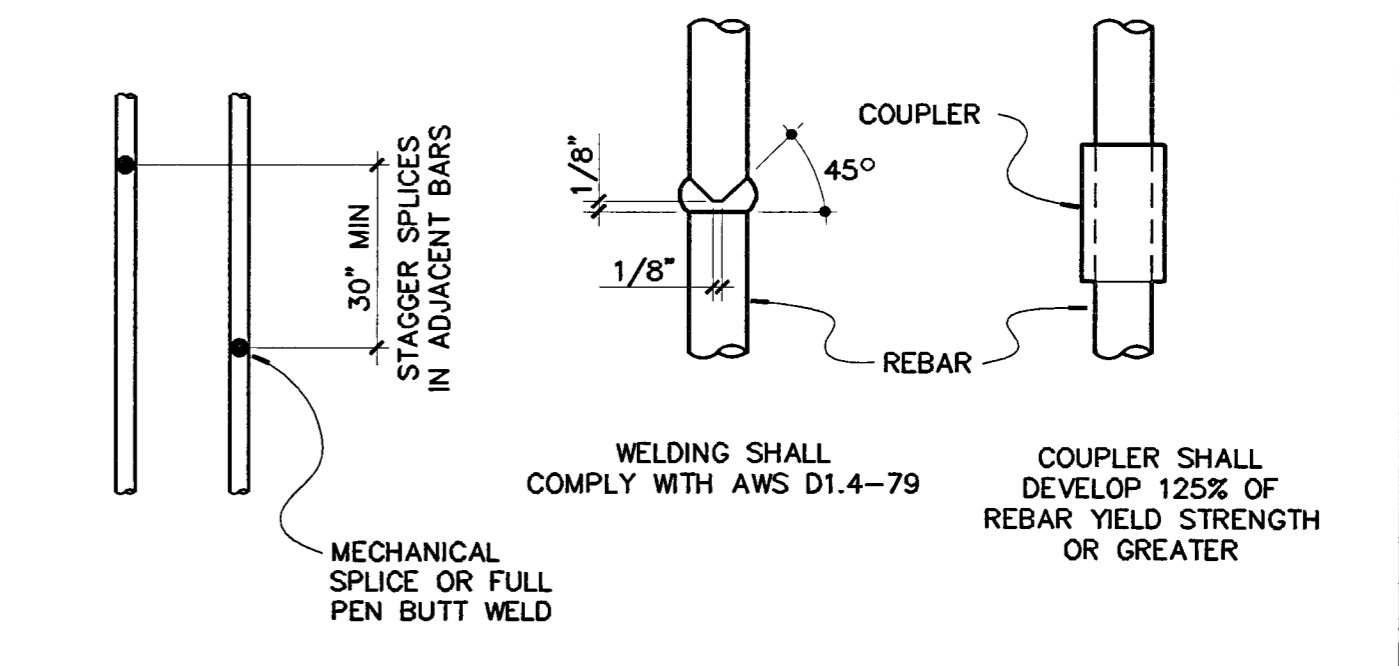
PIPE THRU FOOTING DETAIL 8 S4.1



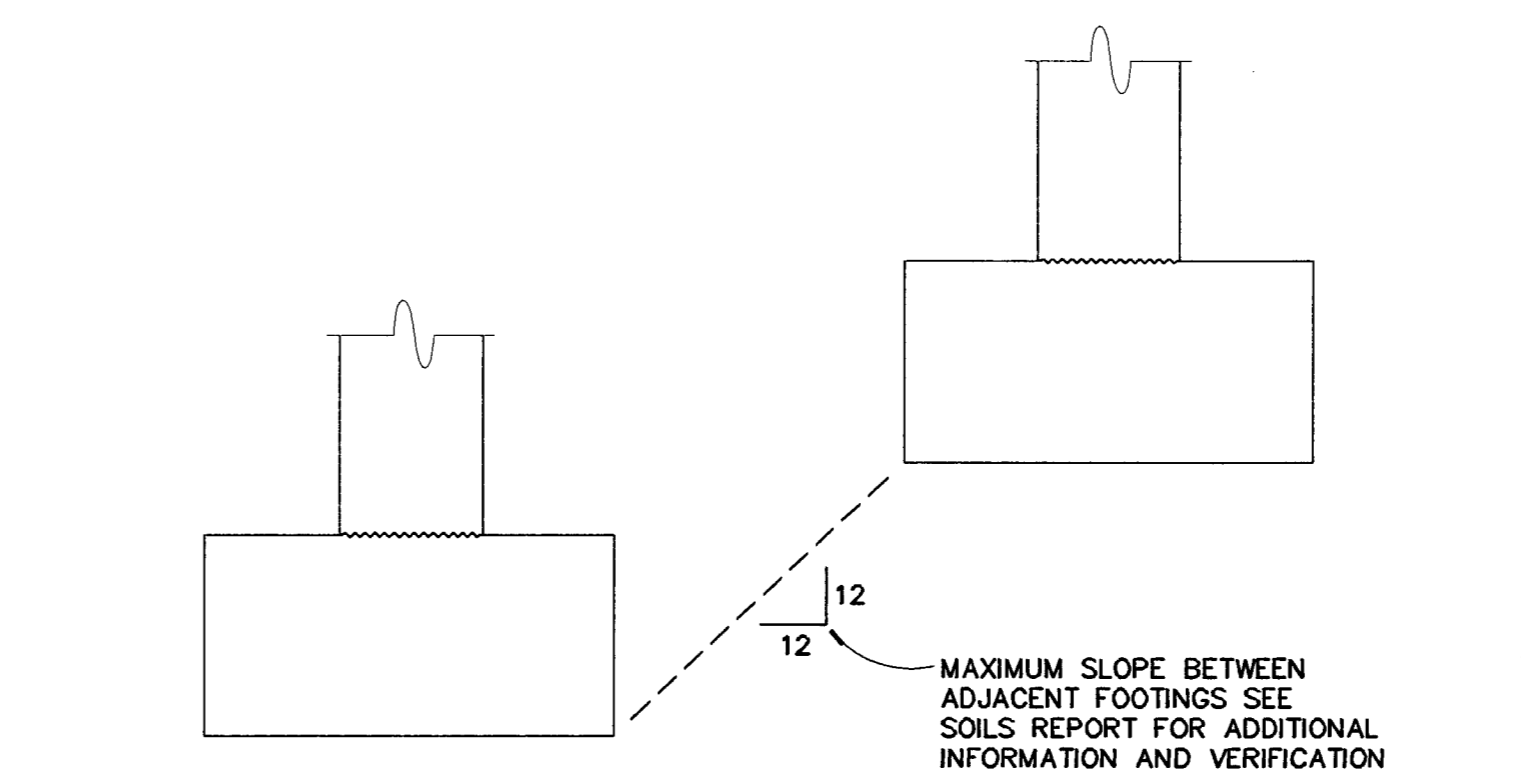
SUMP PUMP PIT DETAIL 12 S4.1



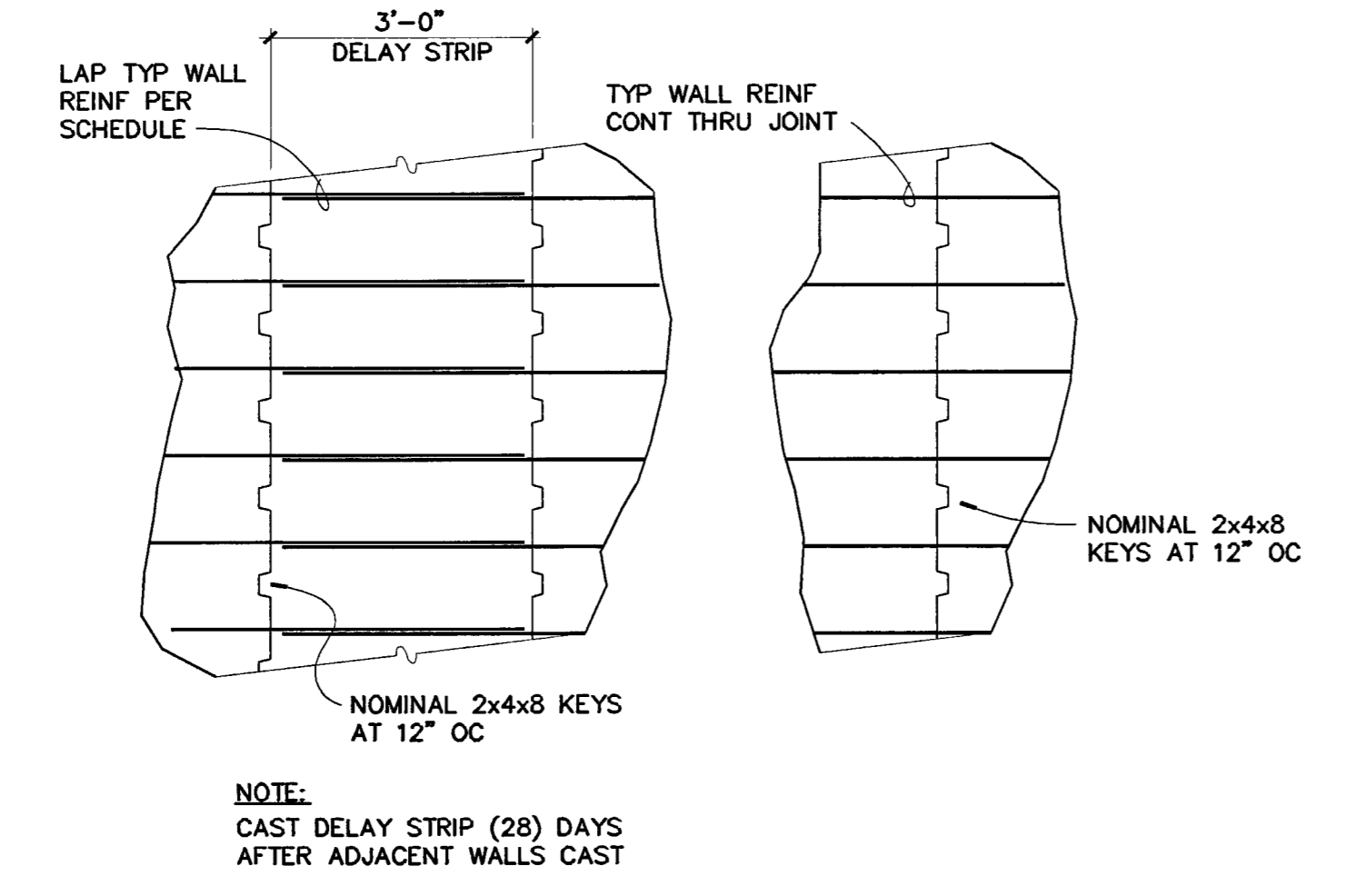
SECTION NO SCALE 16 S4.1



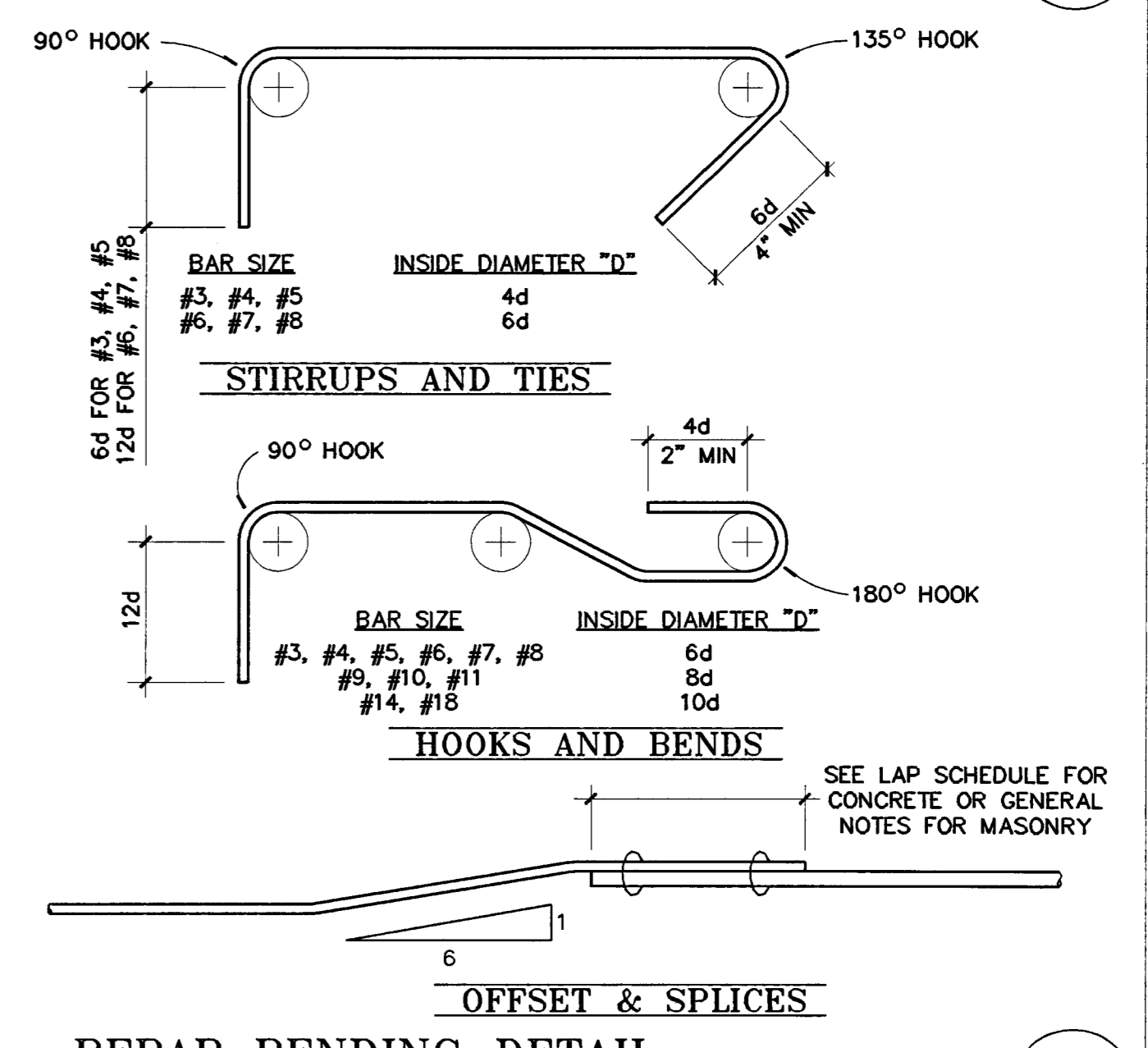
REBAR TENSION SPLICE DETAIL 3 S4.1



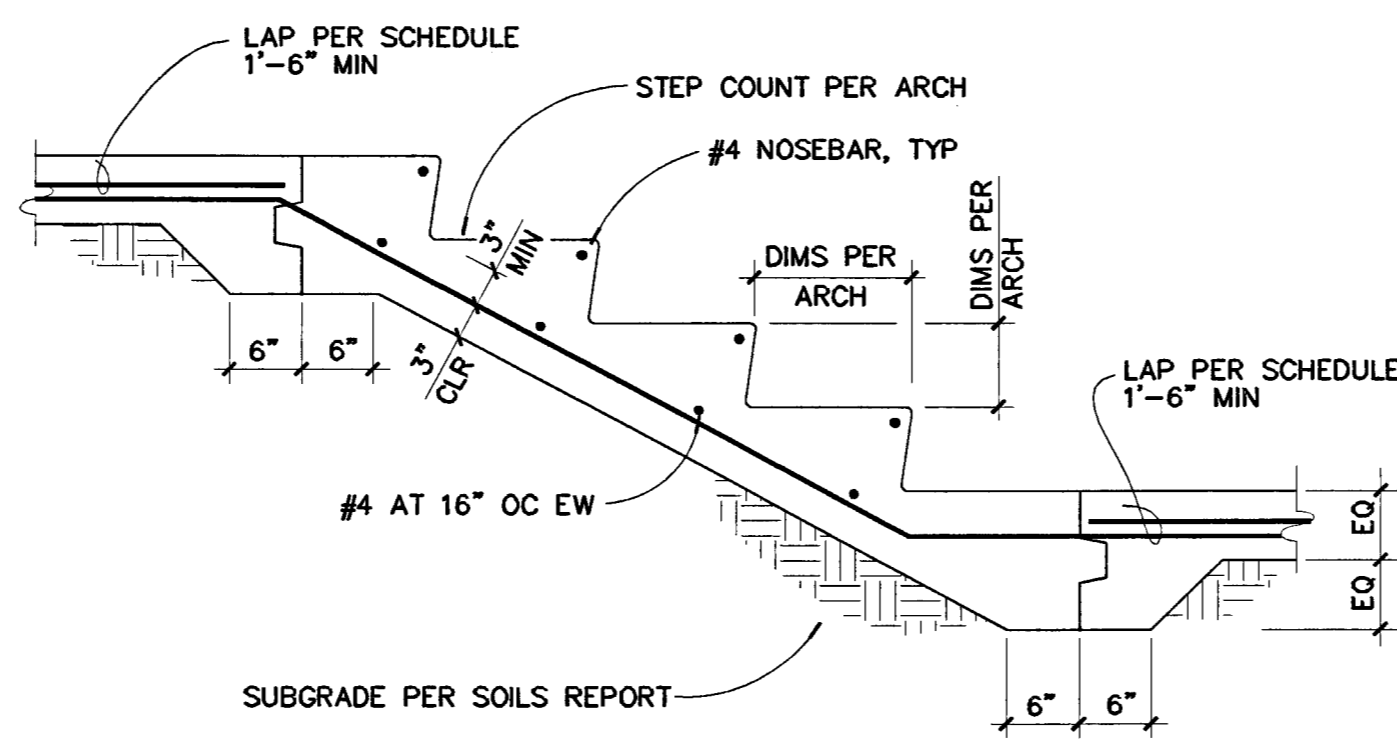
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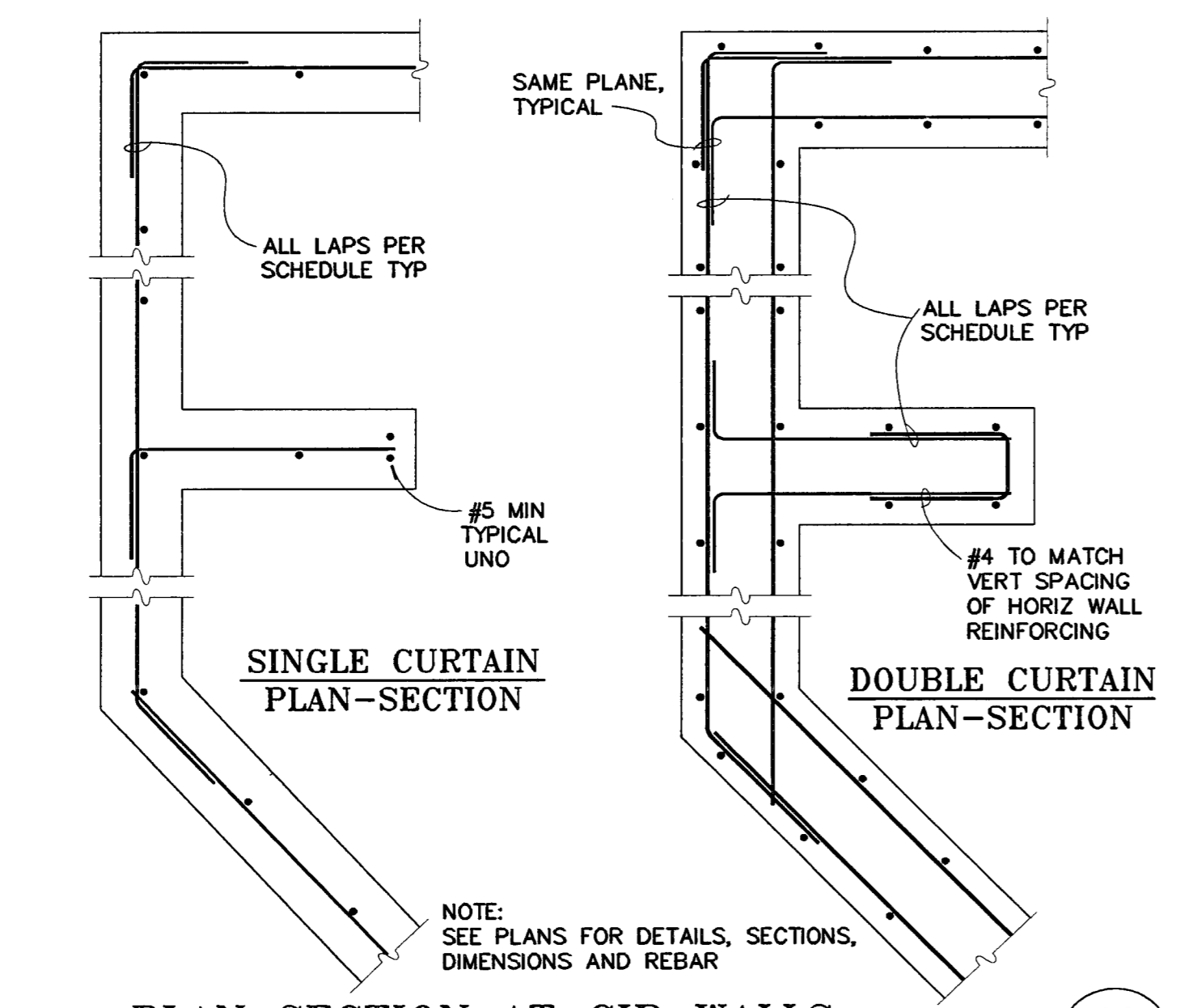
TYPICAL VERTICAL WALL JOINTS 15 S4.1



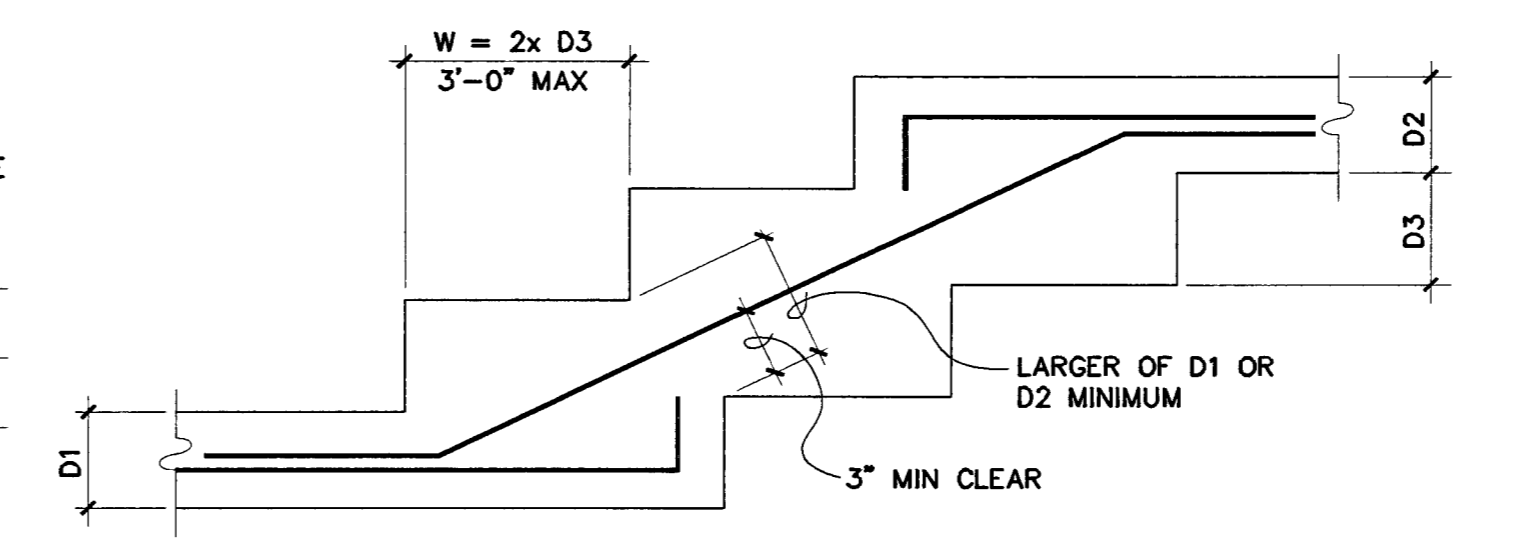
REBAR BENDING DETAIL 2 S4.1



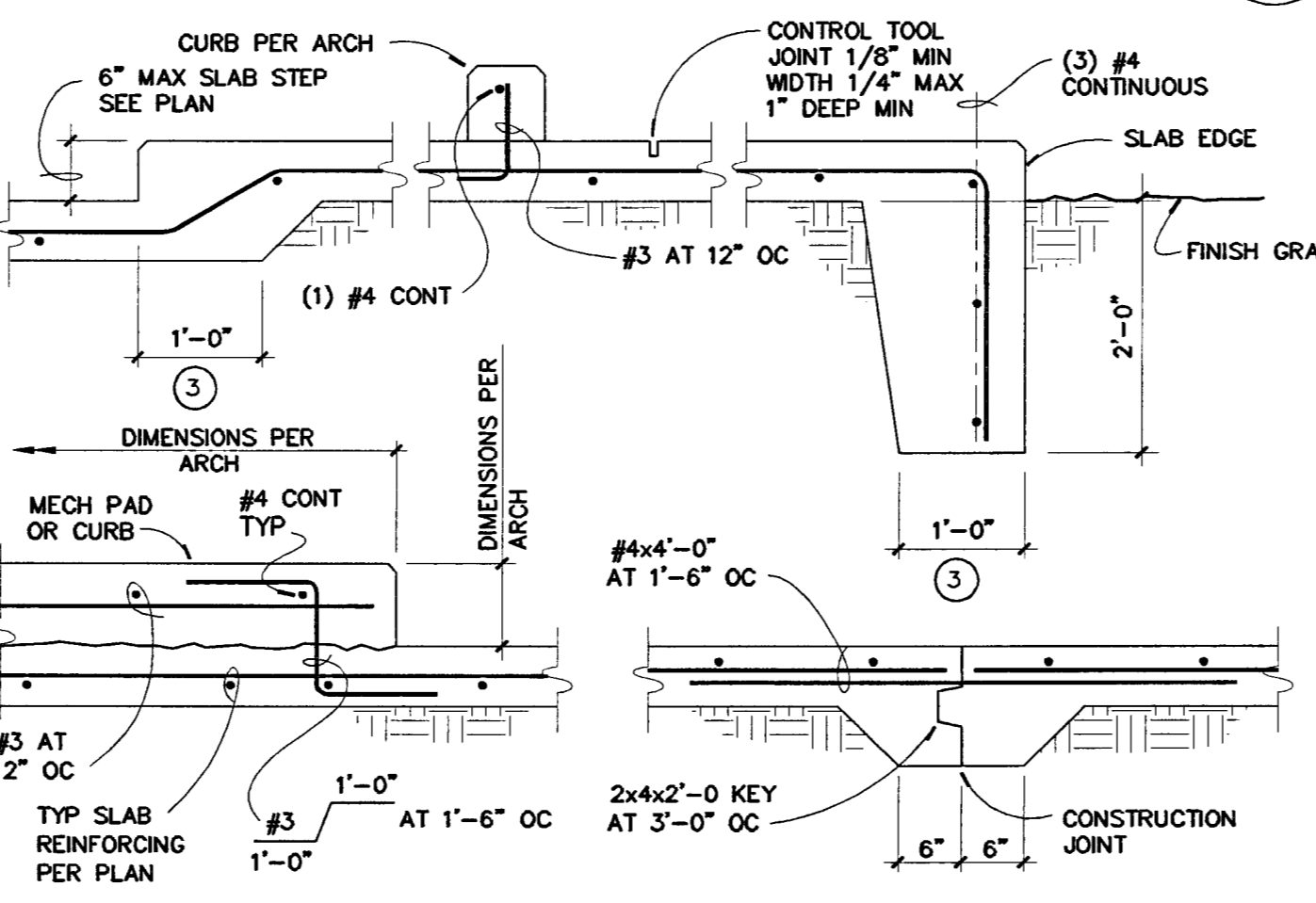
STAIR ON GRADE 10 S4.1



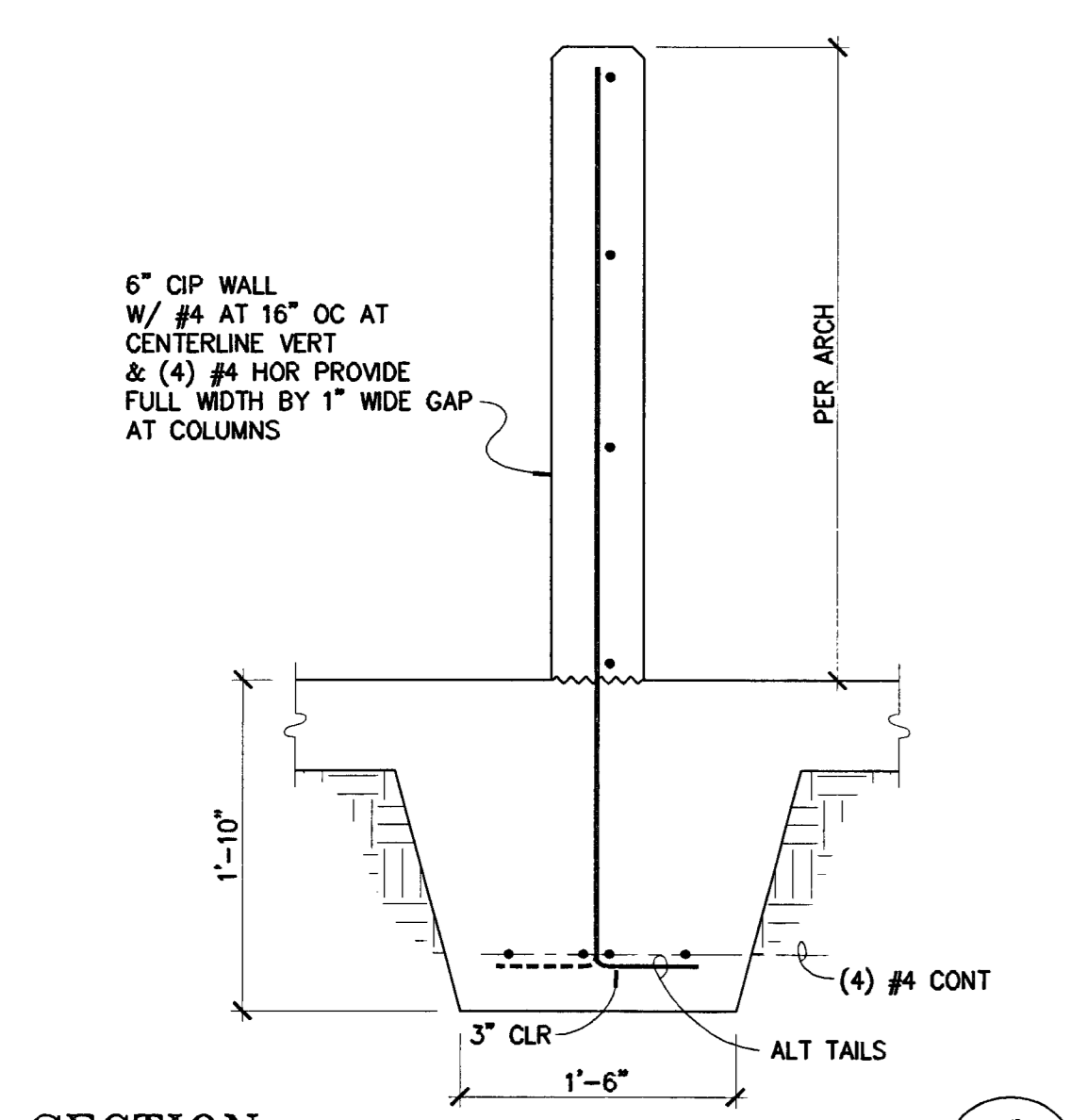
PLAN SECTION AT CIP WALLS 14 S4.1



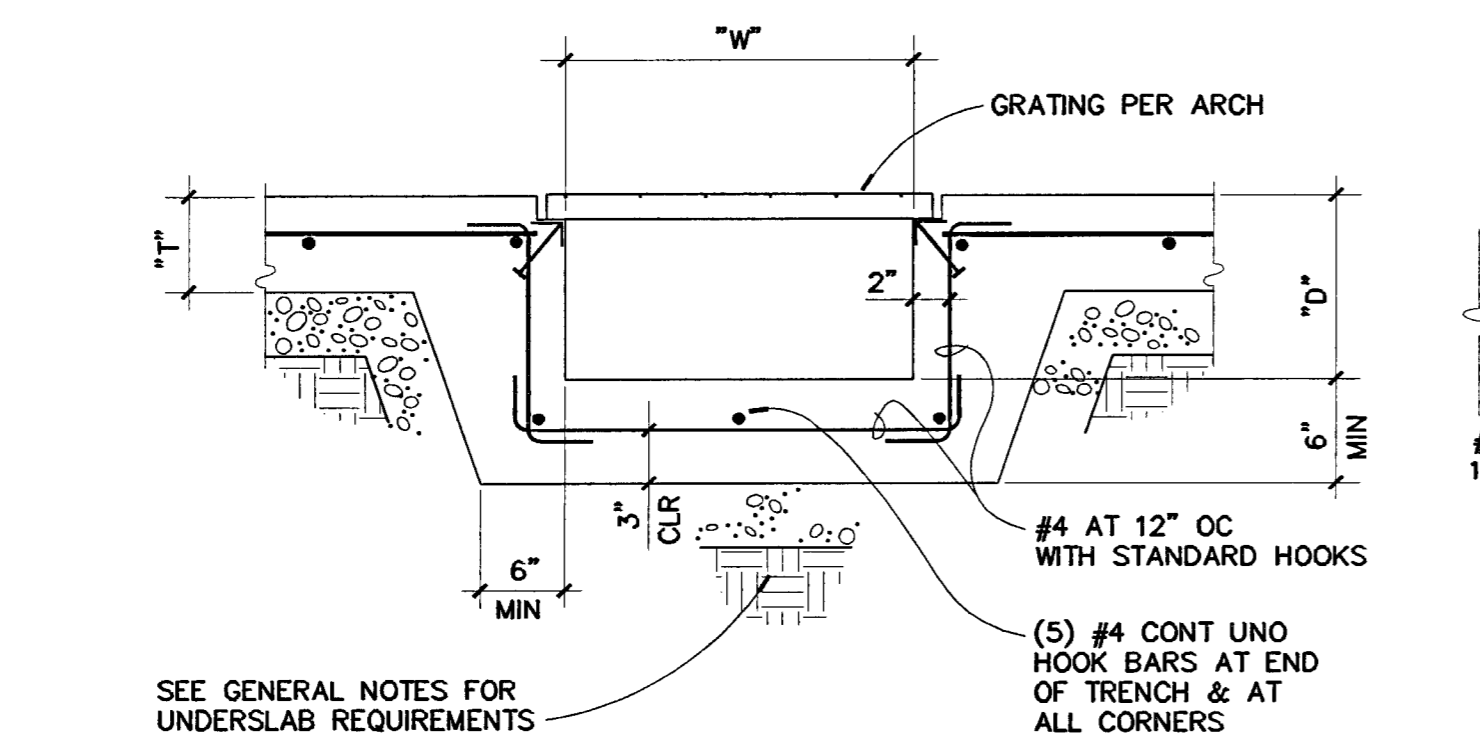
STEPPED FOOTING DETAIL 6 S4.1



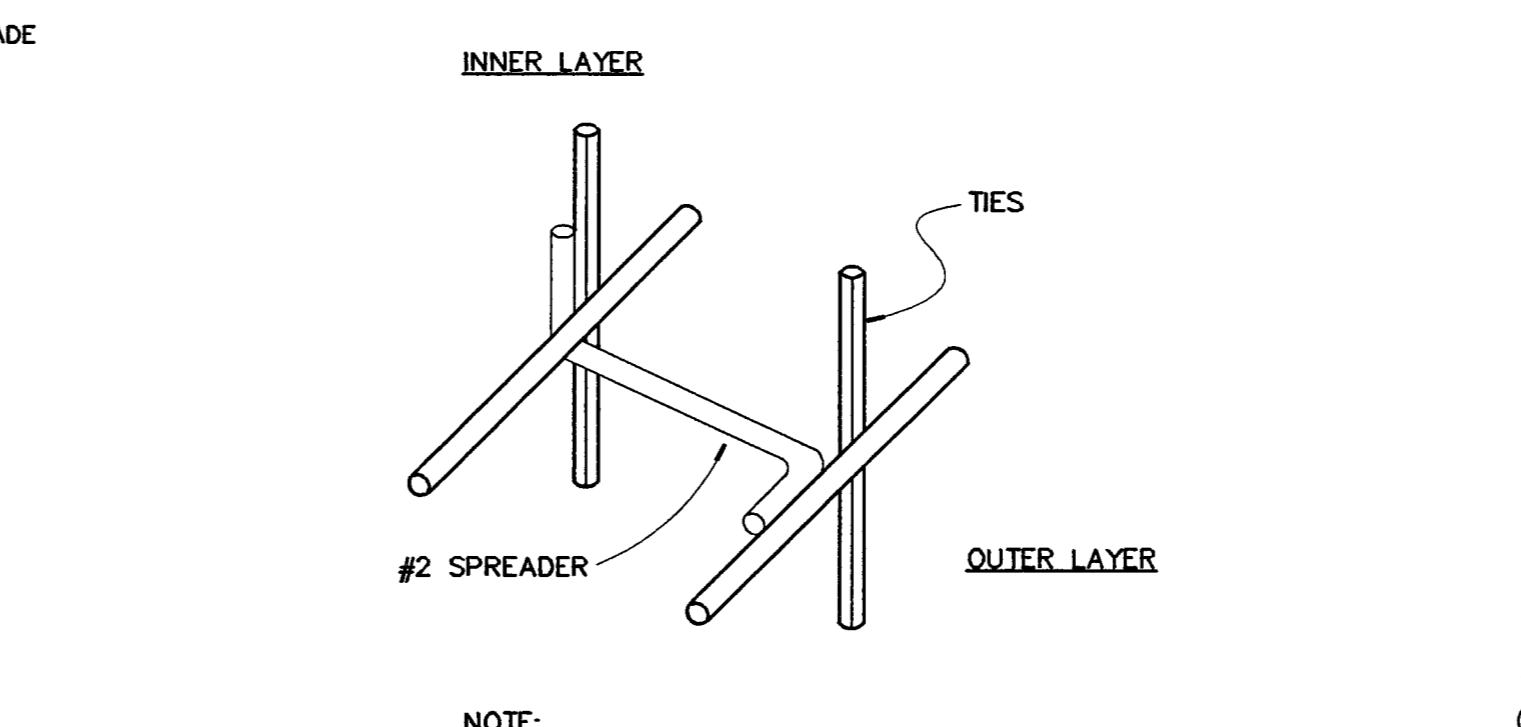
SLAB ON GRADE DETAILS 9 S4.1



SECTION NO SCALE 17 S4.1



TRENCH DETAIL 13 S4.1



SPREADER FOR DBL CURTAIN REINF 5 S4.1

BAR SIZE	CONCRETE STRENGTH F'c = PSI				TOP BARS (2)	OTHER BARS
	3000	4000	5000	6000		
#3	28	24	22	20		
#4	37	32	29	26		
#5	46	40	36	33		
#6	56	48	43	39		
#7	62	54	48	44		
#8	71	62	55	50		
#9	80	70	62	57		
#10	118	102	91	83		
#11	131	113	101	92		
	100	87	78	71		

NOTES:  
 1. INCREASE LAP LENGTHS 30% FOR LIGHT WEIGHT CONCRETE (115 PCF MAX) AND 33% AT (4) BAR BUNDLES.  
 2. TOP BARS ARE HORIZ BARS WITH MORE THAN 12" OF WET CONCRETE PLACED BELOW.  
 3. MINIMUM CLEAR COVER > db AND MINIMUM CLEAR SPACING > 2db. INCREASE LAP LENGTHS 43% IF MINIMUMS NOT SATISFIED (db = BAR DIAMETER).  
 4. LAP LENGTHS INDICATED ARE IN INCHES.

REBAR LAP SCHEDULE (FOR NORMAL WEIGHT CONCRETE) 1 S4.1

**OWNER:**  
 City of Stockton

**DESIGN BUILDER:**  
 F&H Construction  
 4945 Waterloo Road  
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 209.931.3738

**CONSULTANTS:**

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**Design Architect**  
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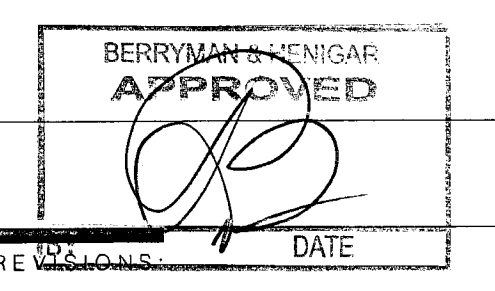
**Structural Engineer**  
 Jessen-Wright Structural Engineers  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

**Civil Engineer**  
 Siegfried Engineering, Inc.  
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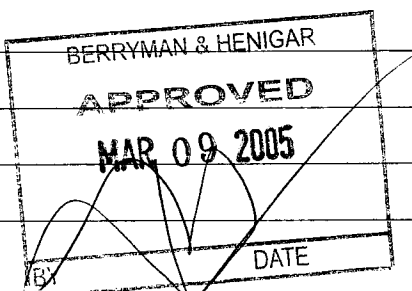
**Plumbing Designer - Design/Builder**  
 HFM Plumbing  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

**Electrical Designer - Design/Builder**  
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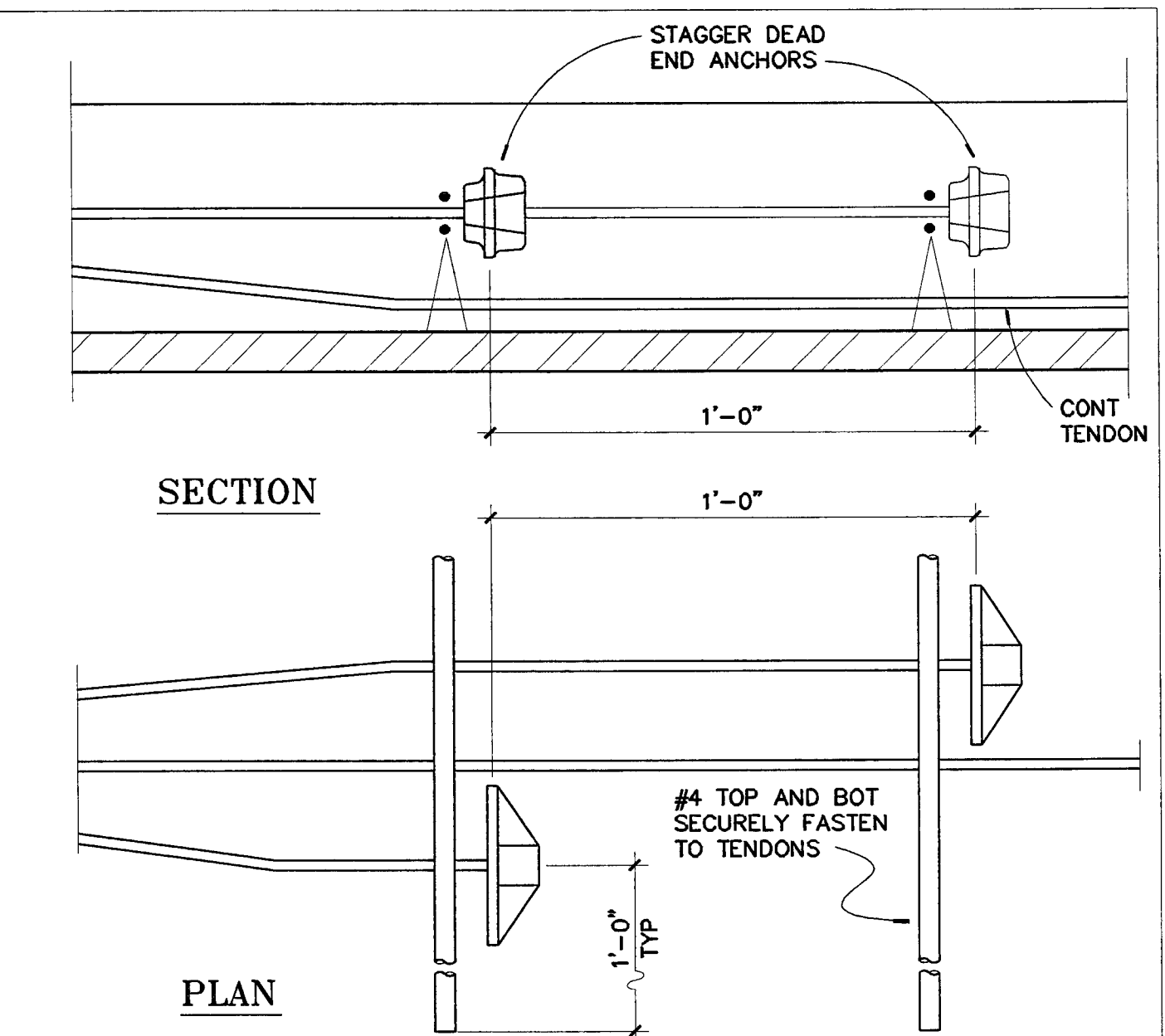


2-28-05 RESPONSE TO PLAN CHECK

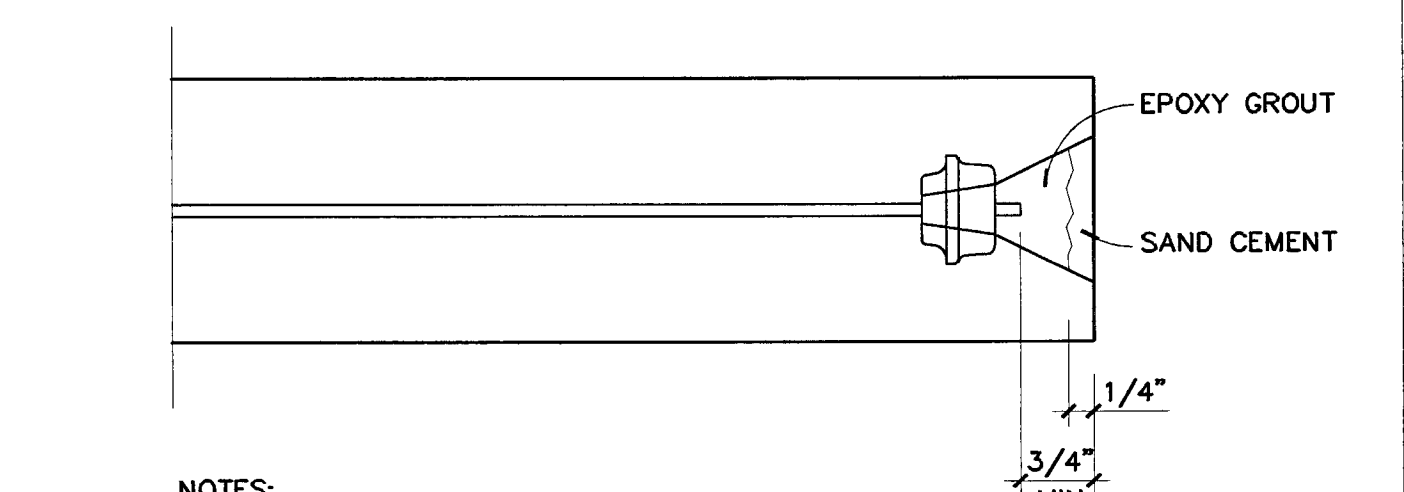


**SHEET TITLE**  
**DETAILS**

DATE	SCALE
07/28/04	1" = 1'-0"
DRAWN BY	CHECKED BY
MATT	
DRAWING NO.	SHEET
PROGRAM NO.	R.-NO.
DRAWING NO.	<b>S4.2</b>
PROJECT NO.	H N A 2319

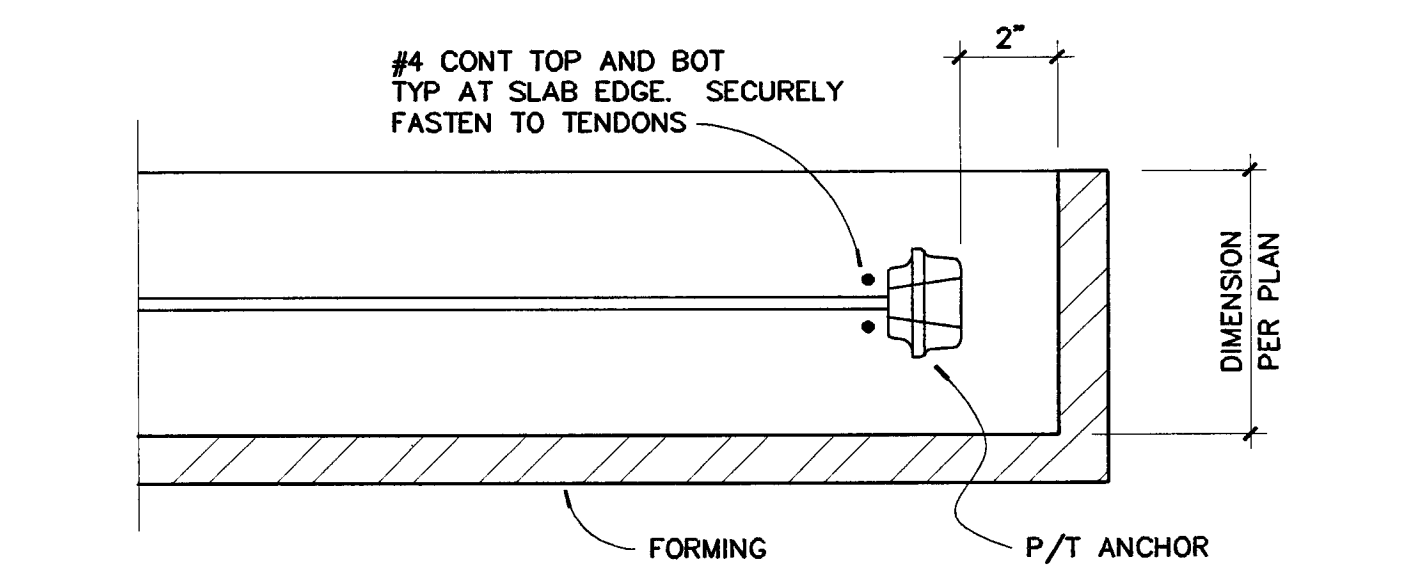


**4**  
**DEAD END ANCHORS AT ADDED TENDONS**  
 NO SCALE

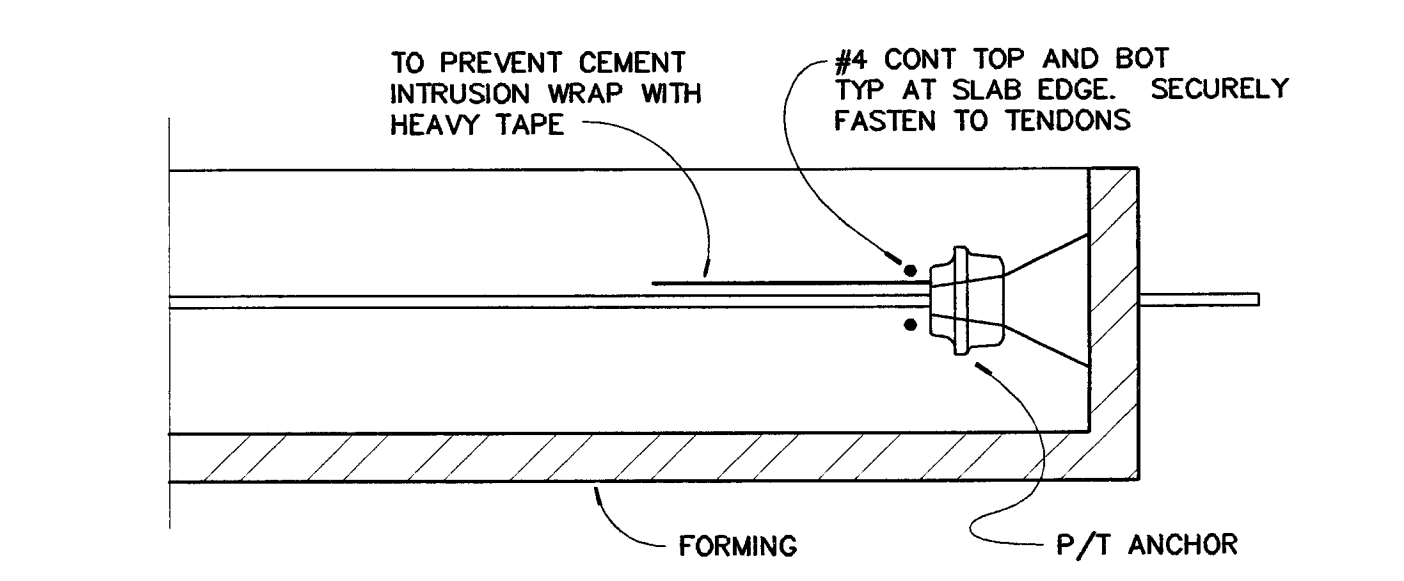


**3**  
**STRESSING END ANCHOR PROTECTION**  
 NO SCALE

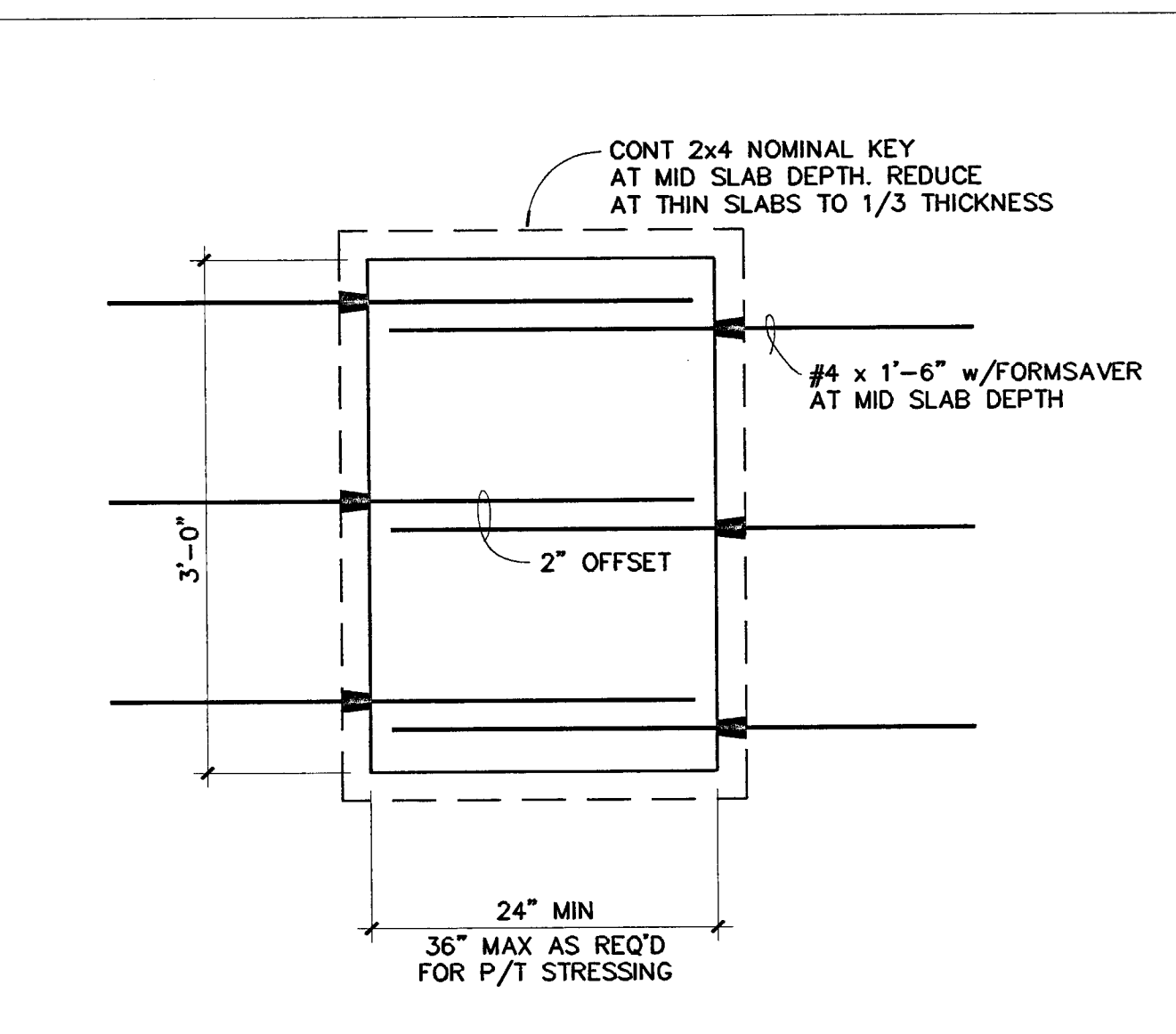
**2**  
**DEAD END ANCHOR**  
 NO SCALE



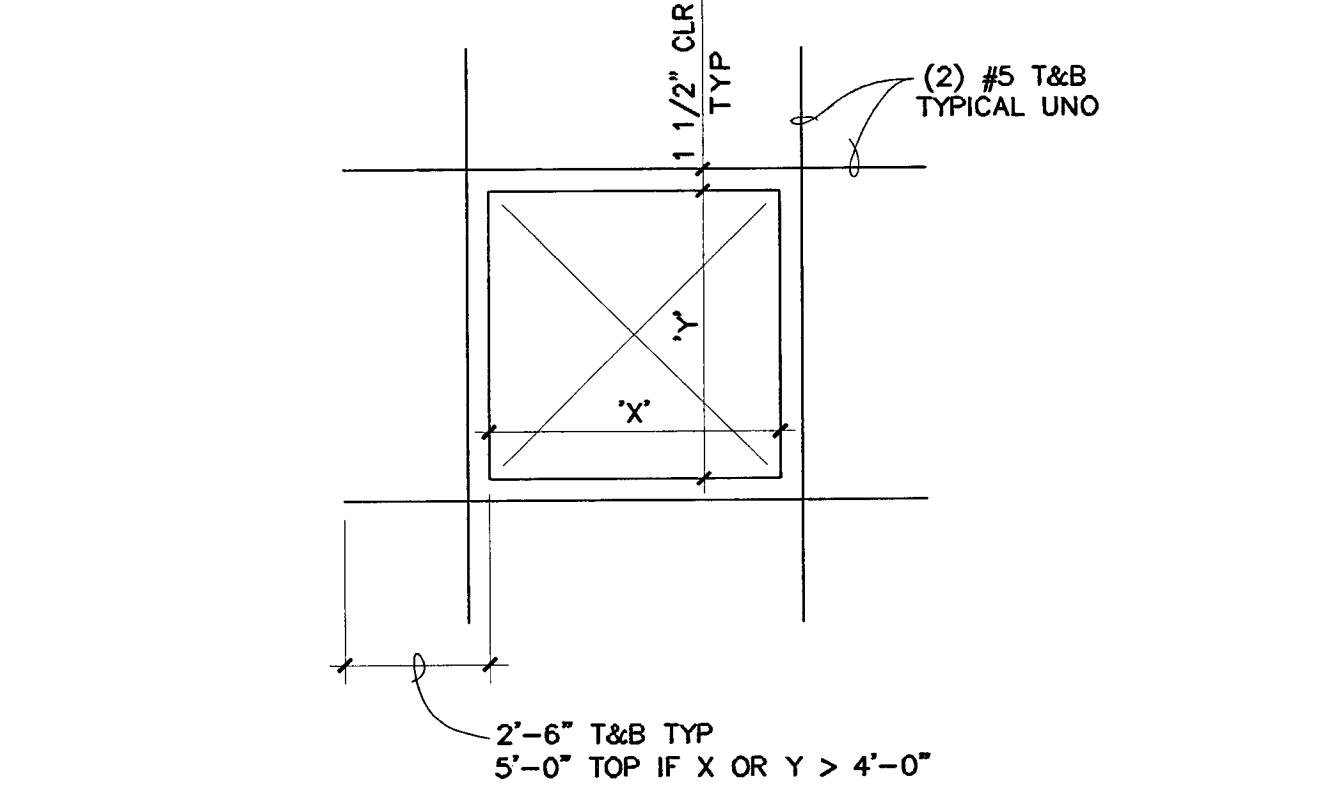
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**STRESSING END ANCHOR**  
 NO SCALE



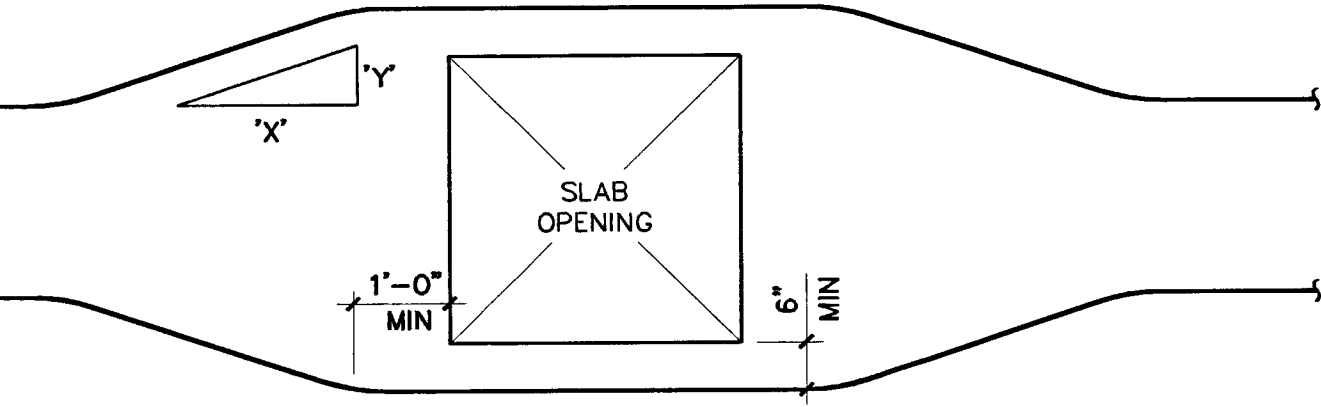
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**STRESSING END ANCHOR**  
 NO SCALE



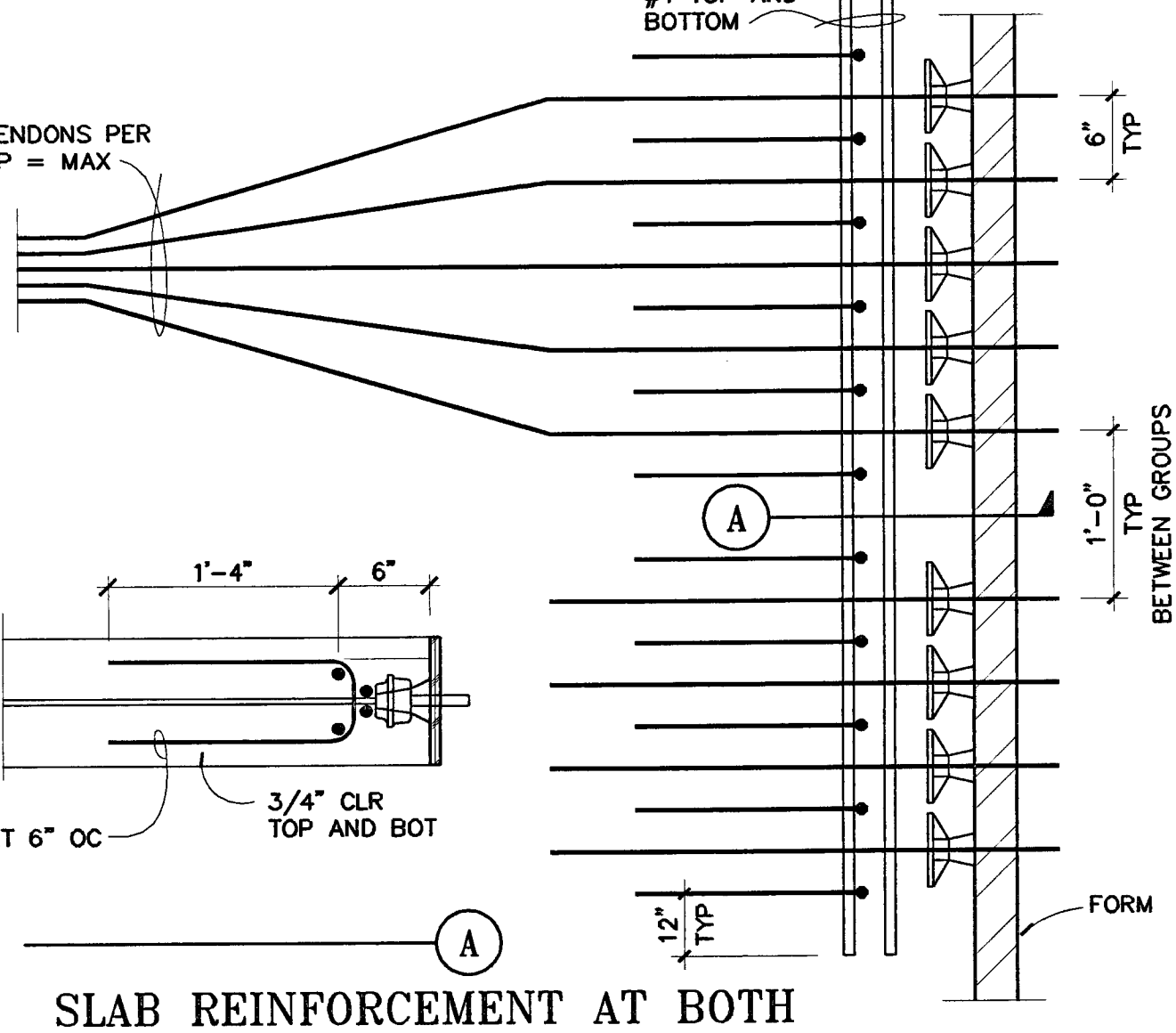
**8**  
**TEMPORARY SLAB BLOCKOUT**  
 NO SCALE



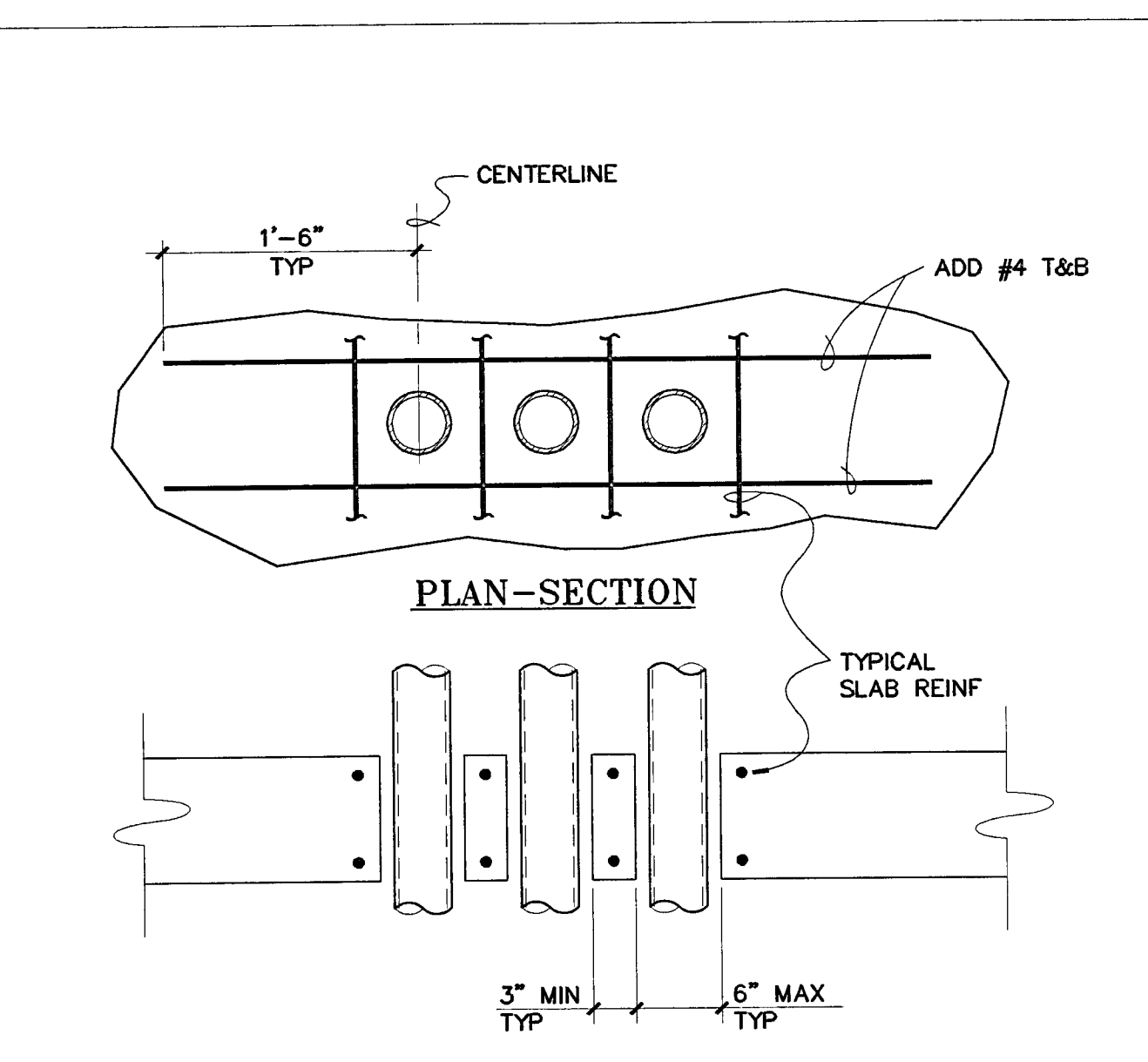
**7**  
**REINFORCED SLAB OPENING**  
 NO SCALE



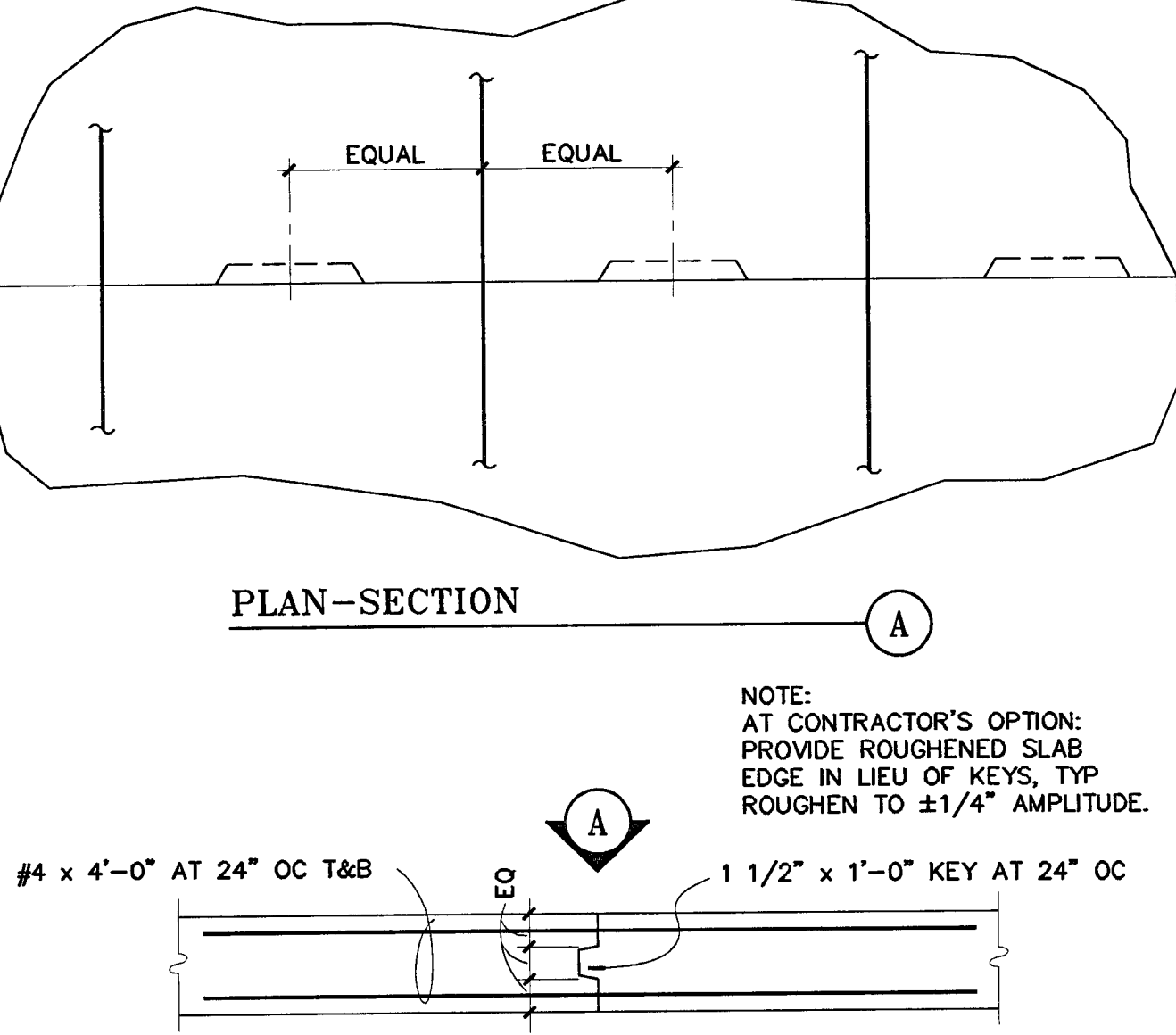
**6**  
**TENDON OFFSET LIMITS**  
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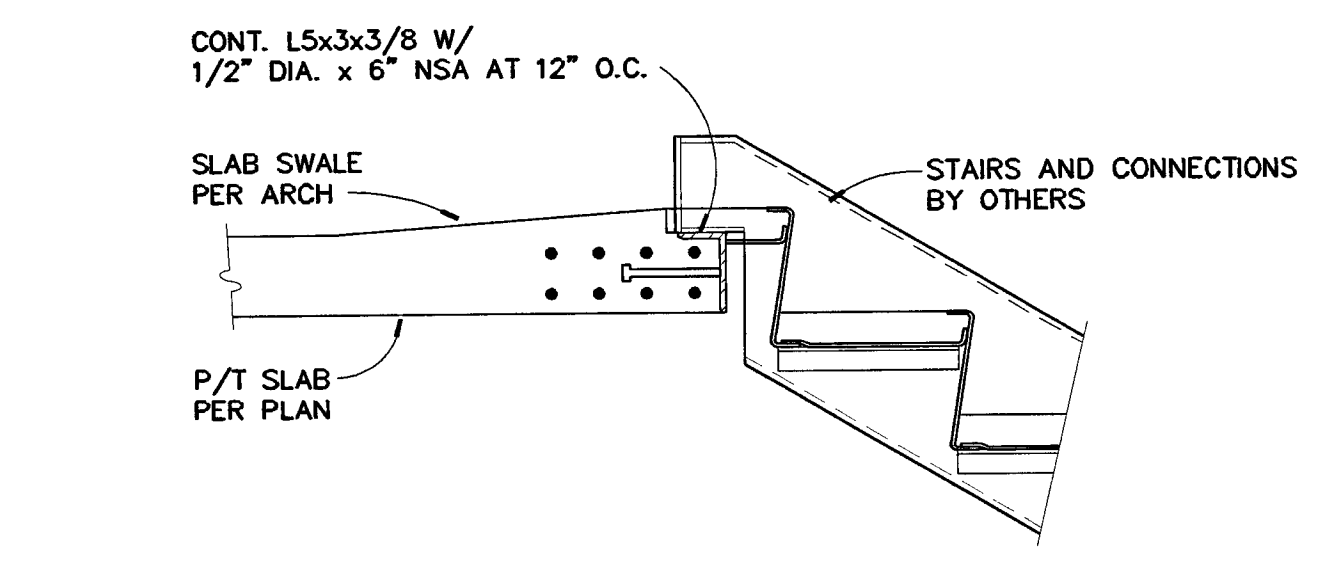
**5**  
**SLAB REINFORCEMENT AT BOTH DEAD AND LIVE END ANCHORS AT SLABS 6" THICK OR LESS**  
 NO SCALE



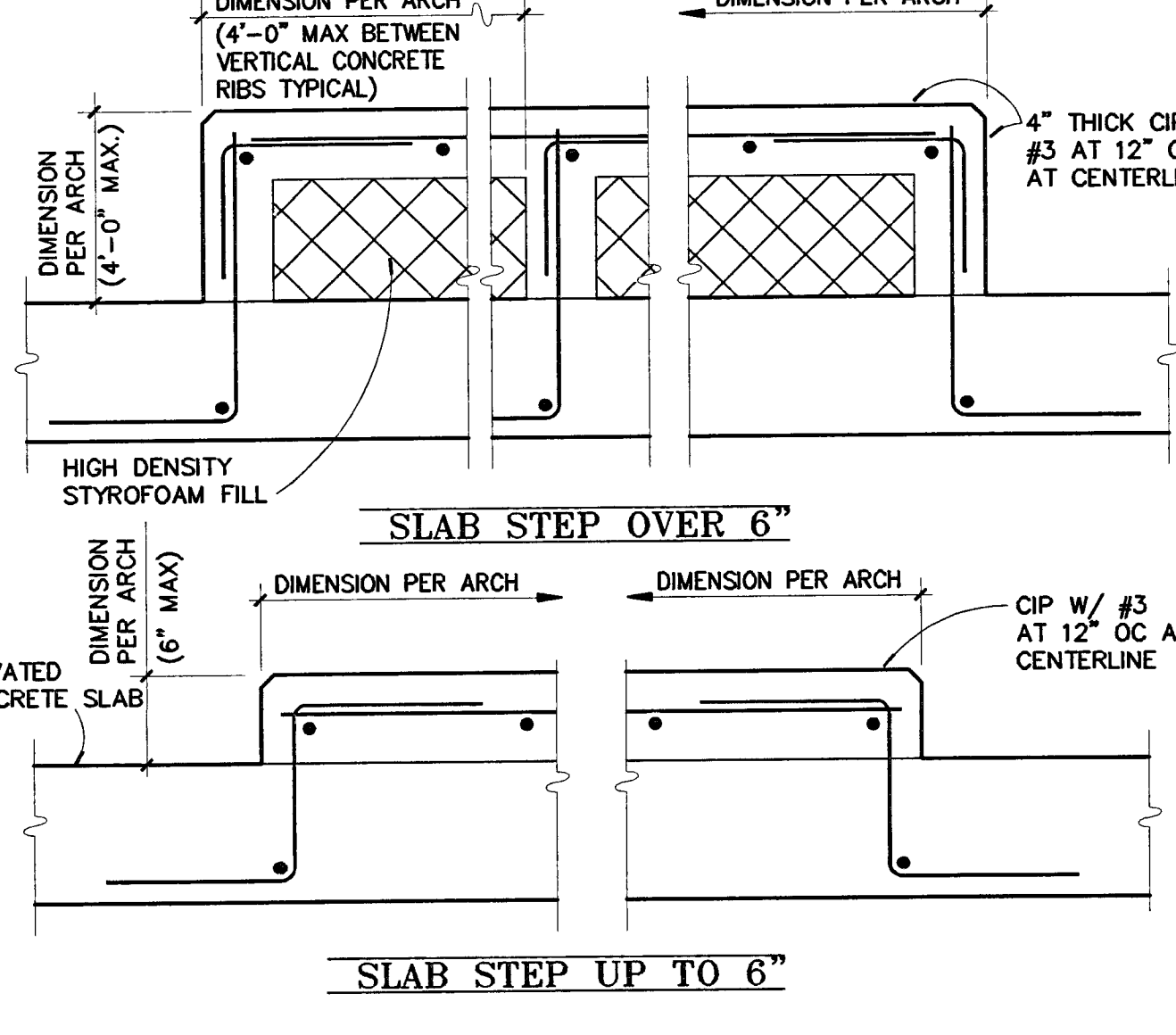
**12**  
**TYPICAL PIPE/CONDUIT/SLEEVE GROUP THRU SLAB**  
 NO SCALE



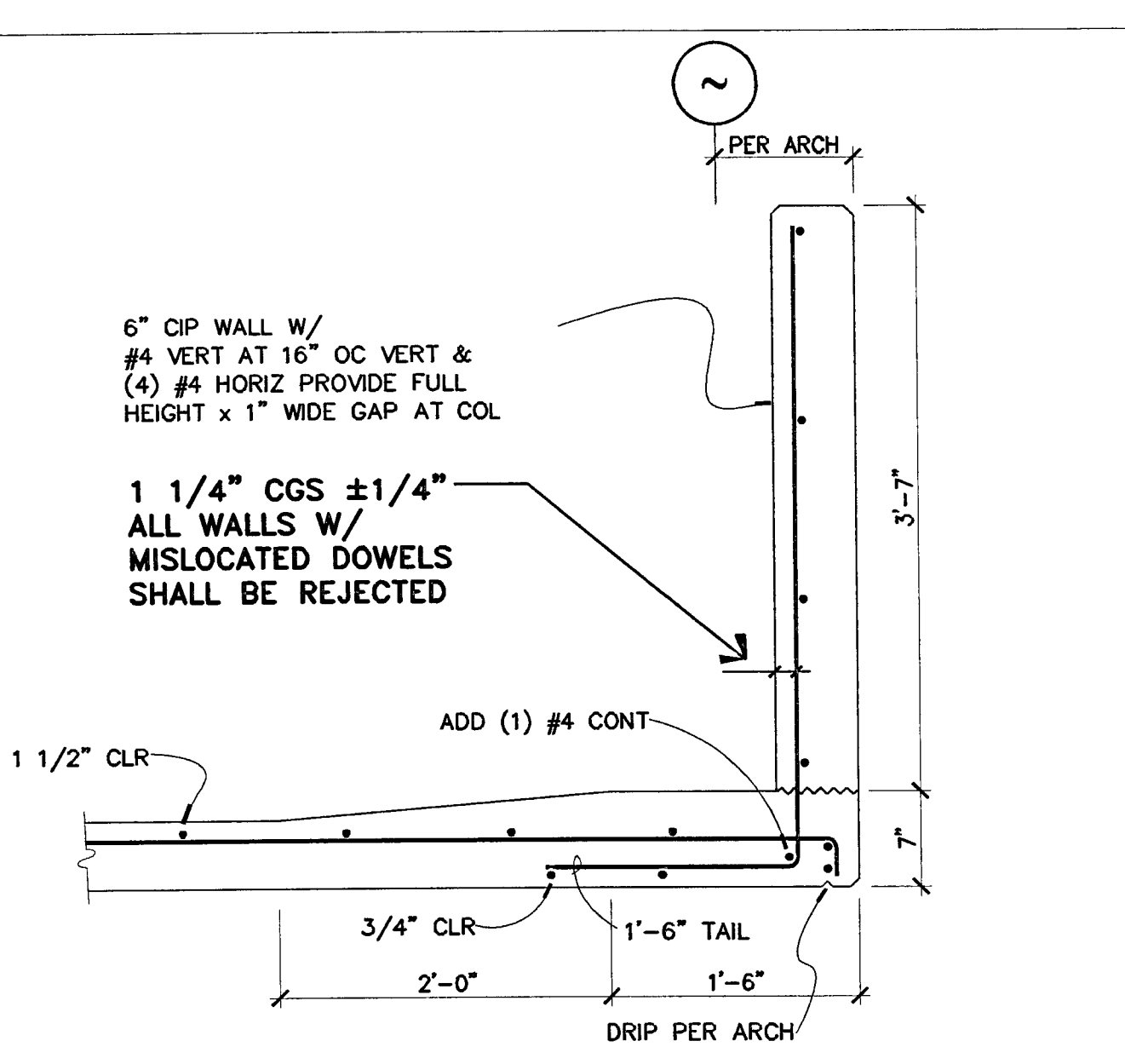
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**ADDED REINF AT CONST JOINT**  
 NO SCALE



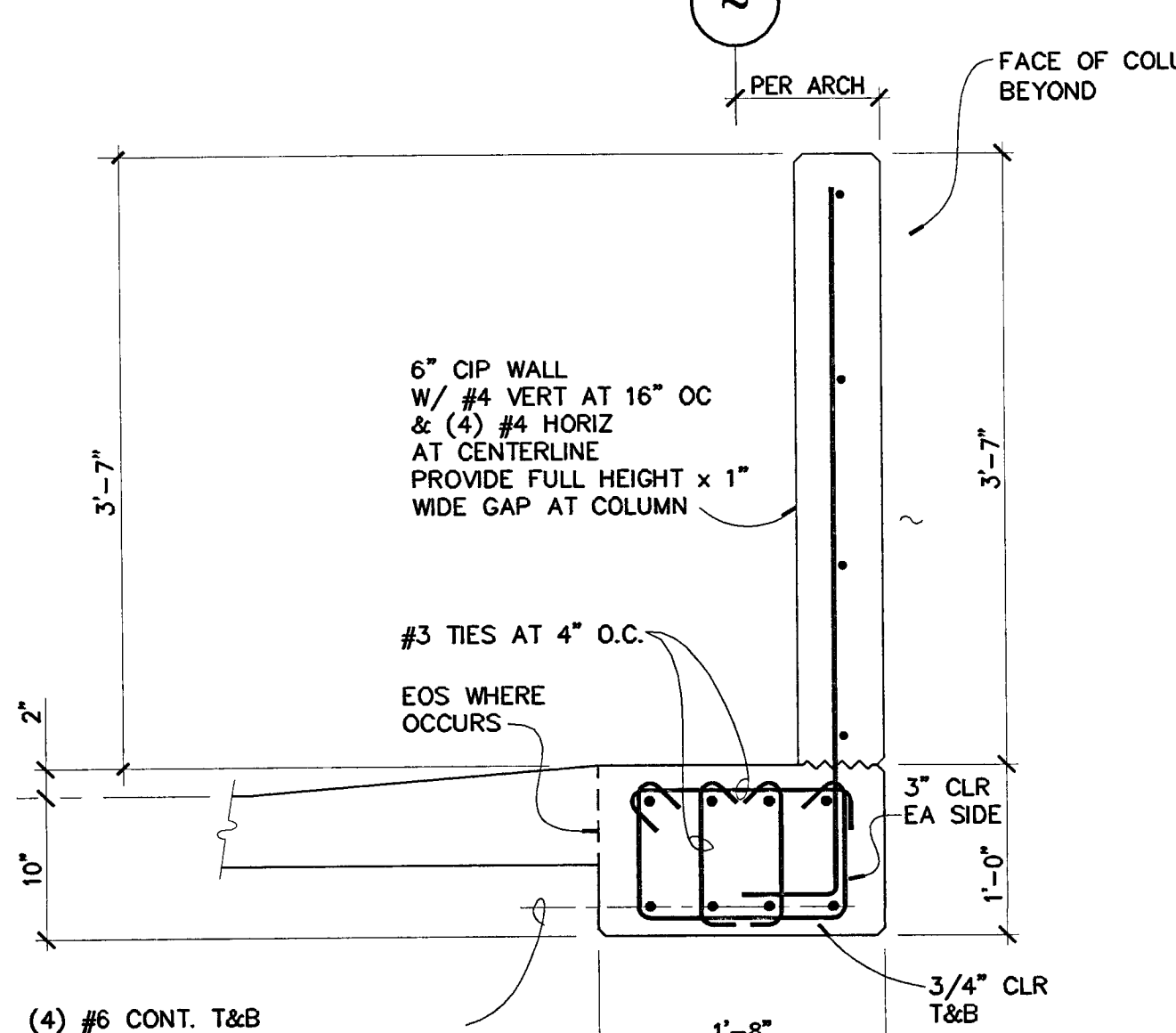
**10**  
**CURBS, SLAB STEPS AND EQUIP PADS**  
 NO SCALE



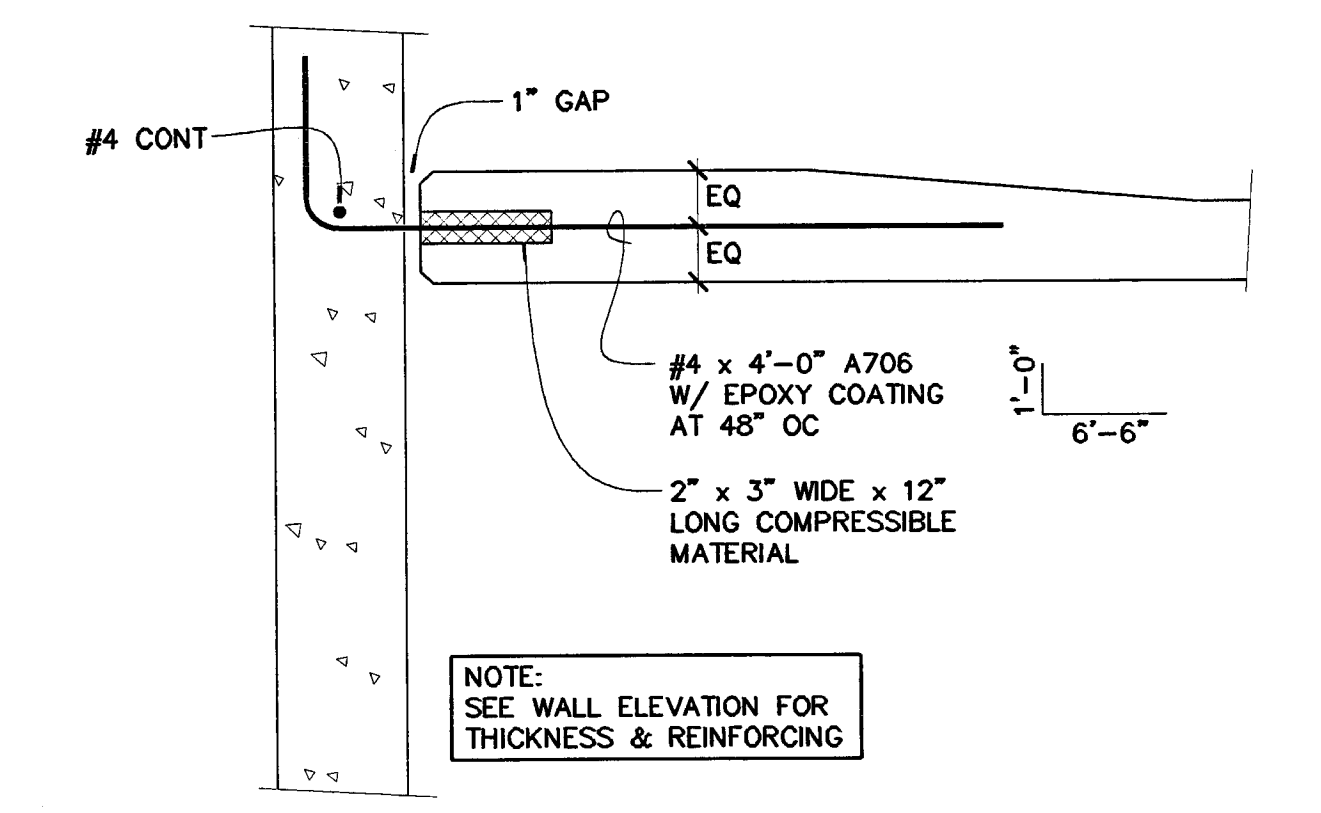
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**CURBS, SLAB STEPS AND EQUIP PADS**  
 NO SCALE



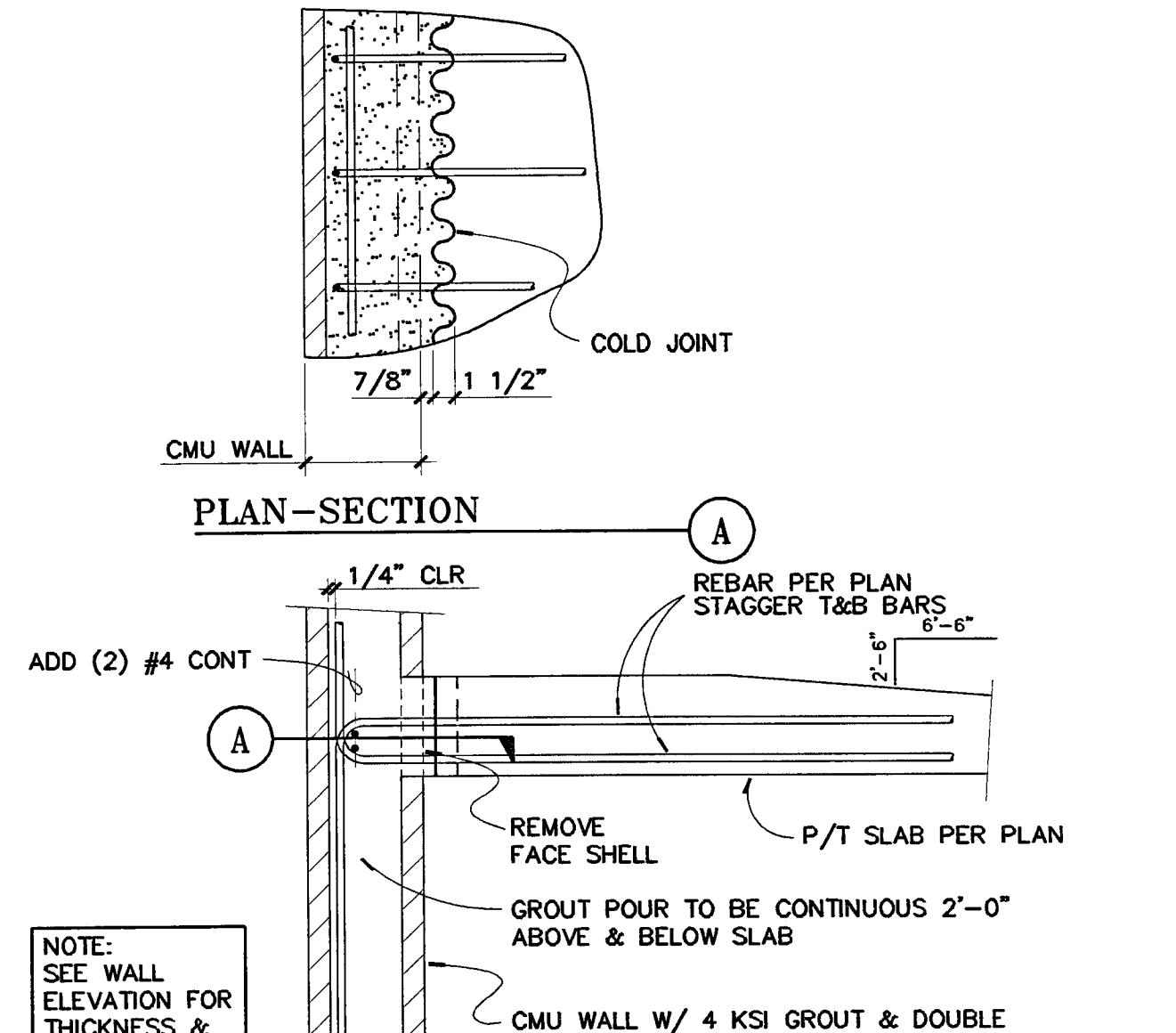
**16**  
**TYPICAL PIPE/CONDUIT/SLEEVE GROUP THRU SLAB**  
 NO SCALE



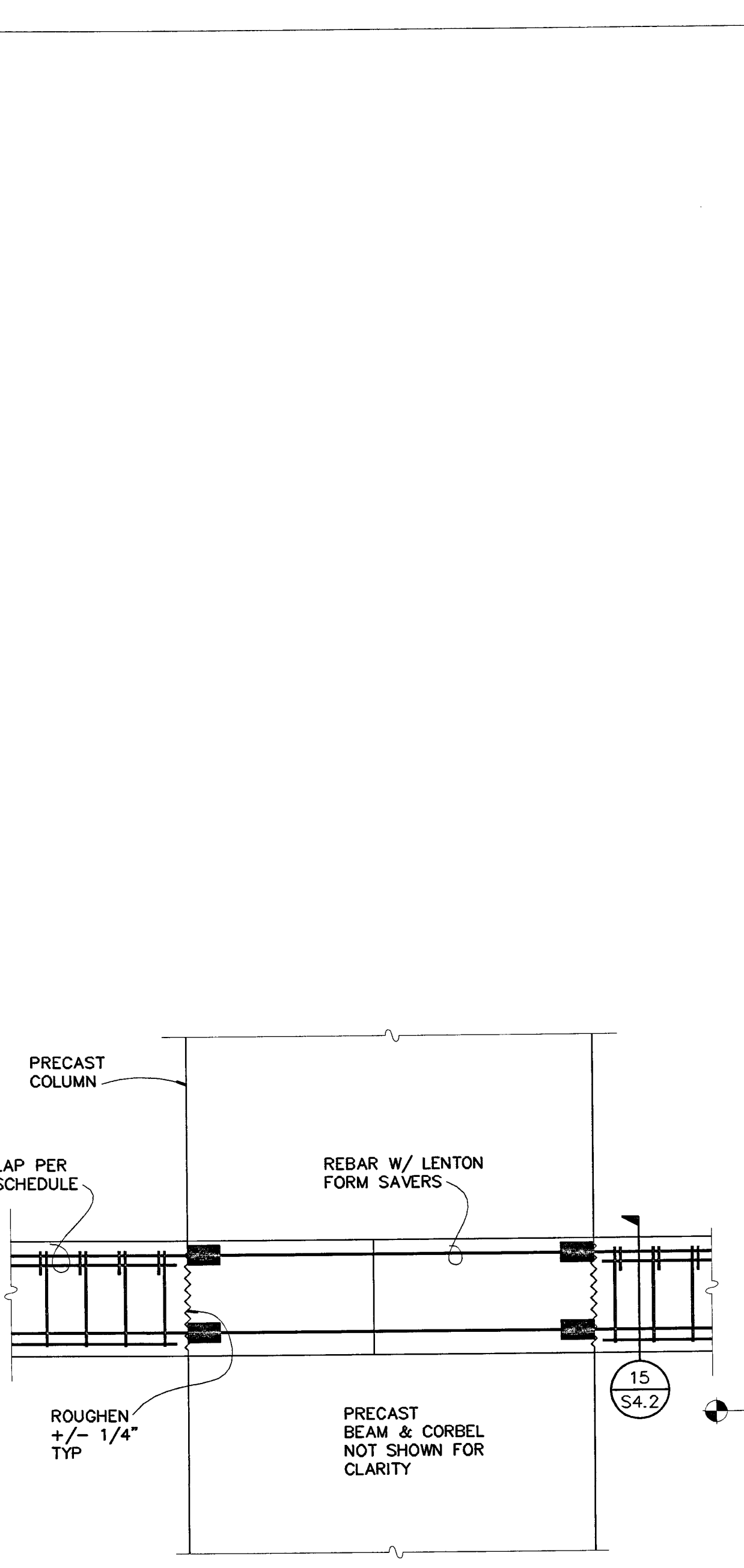
**15**  
**ADDED REINF AT CONST JOINT**  
 NO SCALE



**14**  
**CURBS, SLAB STEPS AND EQUIP PADS**  
 NO SCALE



**13**  
**CURBS, SLAB STEPS AND EQUIP PADS**  
 NO SCALE



**19**  
**PRECAST COLUMN**  
 NO SCALE



**15**  
**ADDED REINF AT CONST JOINT**  
 NO SCALE



**13**  
**CURBS, SLAB STEPS AND EQUIP PADS**  
 NO SCALE

OWNER:  
 City of Stockton

DESIGN BUILDER:  
 F&H Construction  
 4845 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:  
 Architect - Parking Consultant  
 HNA / Pacific  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 8670

Design Architect  
 Wonoli Matthews Bowe  
 246 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

Structural Engineer  
 Jessen-Wright Structural Engineers  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Civil Engineer  
 Siegfried Engineering, Inc.  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

Plumbing Designer - Design/Builder  
 HRM Plumbing  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
 Collins Electrical  
 611 W. Fremont Street  
 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
 Comfort Air  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601

BERRIMAN & HENIGAR  
 APPROVED  
 BY: [Signature] DATE: [ ]

REVISIONS:  
 2-28-05 RESPONSE TO PLAN CHECK

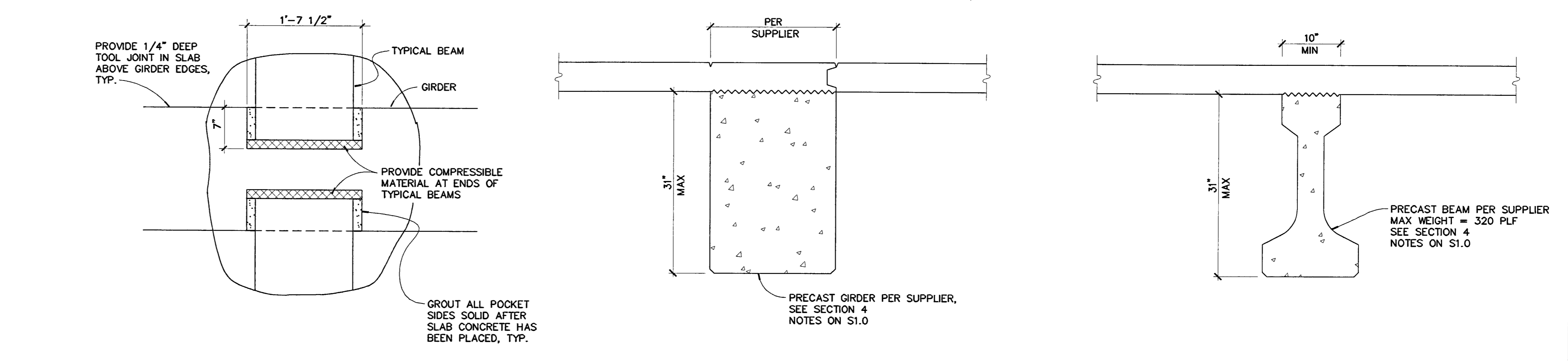
BERRIMAN & HENIGAR  
 APPROVED  
 MAR 09 2005



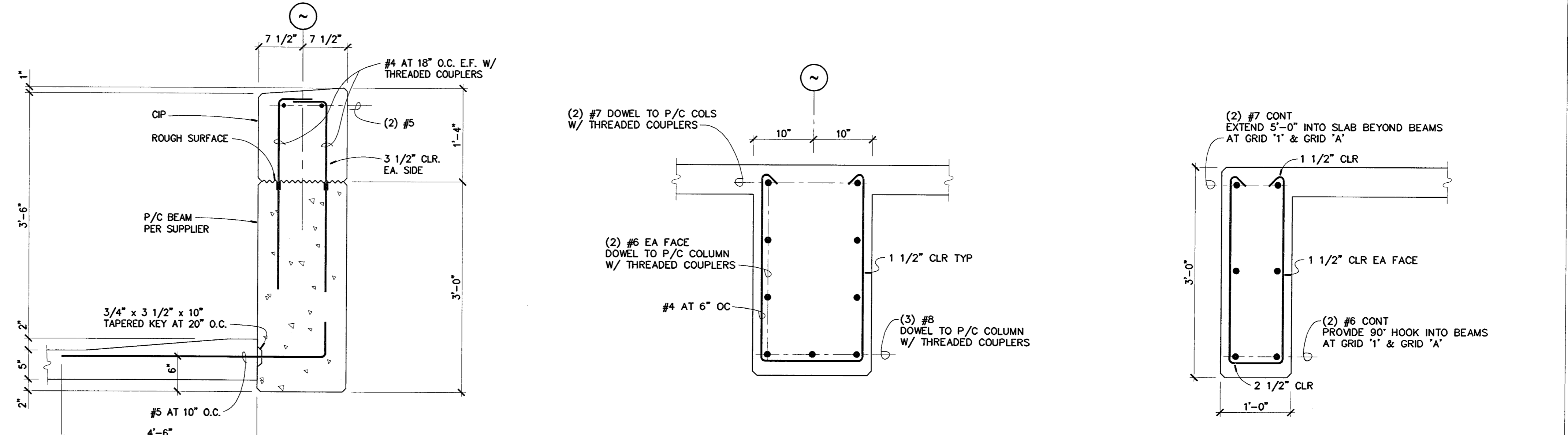
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**DETAILS**

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DRAWN BY	MATT	CHECKED BY	
DRAWING NO.		SHEET	
PROGRAM NO.		R. NO.	

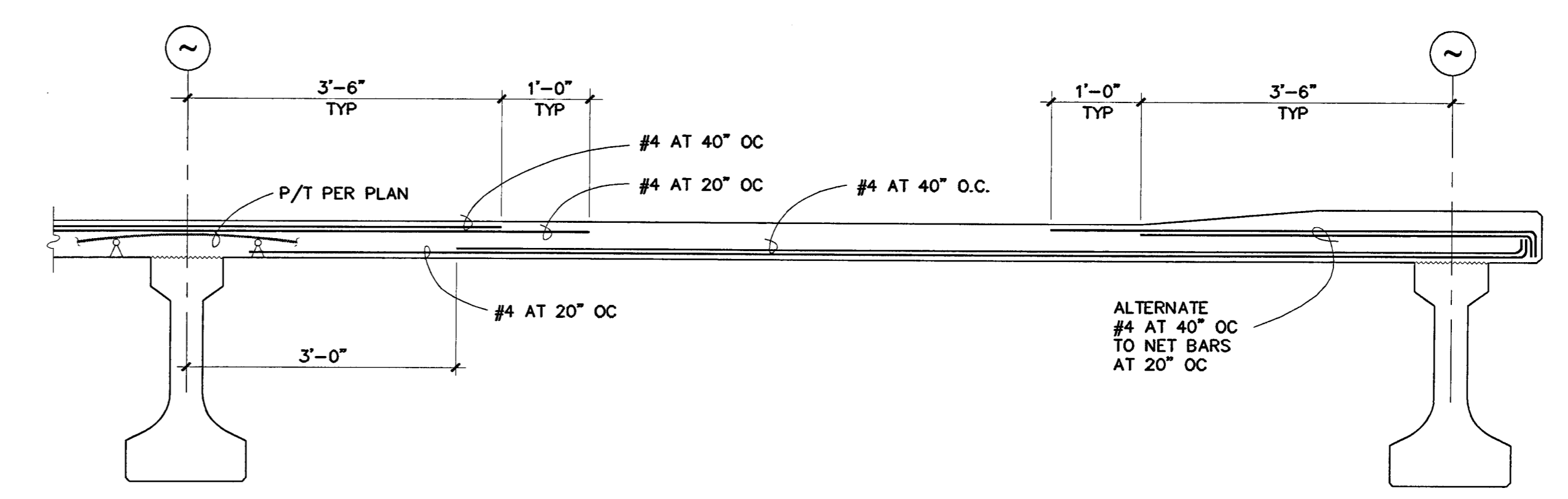
DRAWING NO:  
**S4.3**  
 PROJECT NO:  
 HNA 2319



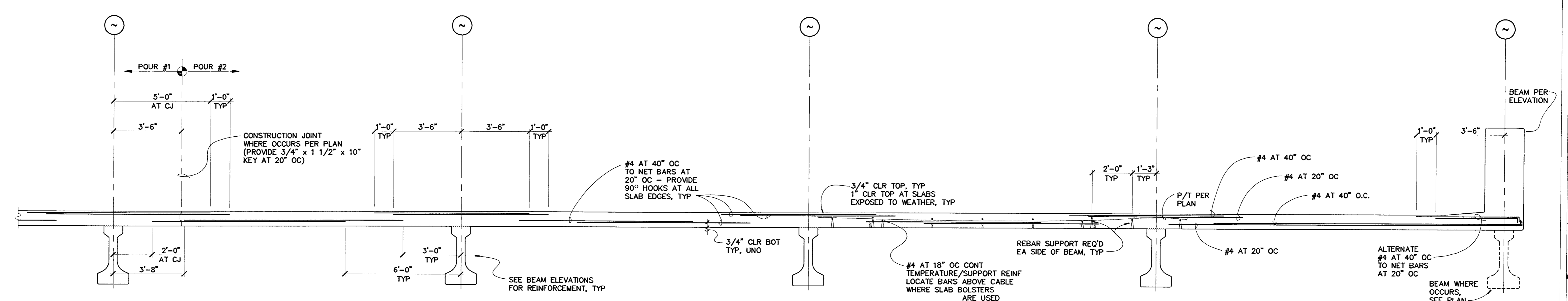
12 S4.3 8 S4.3 4 S4.3



11 S4.3 7 S4.3 3 S4.3



2 S4.3



1 S4.3

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
 4845 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:  
 Architect - Parking Consultant  
**HNA / Pacific**  
 6155 Breeze Avenue  
 Rancho Palms Verdes, California 90275  
 310.544.8670

Design Architect  
**Wenell Mattheis Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110

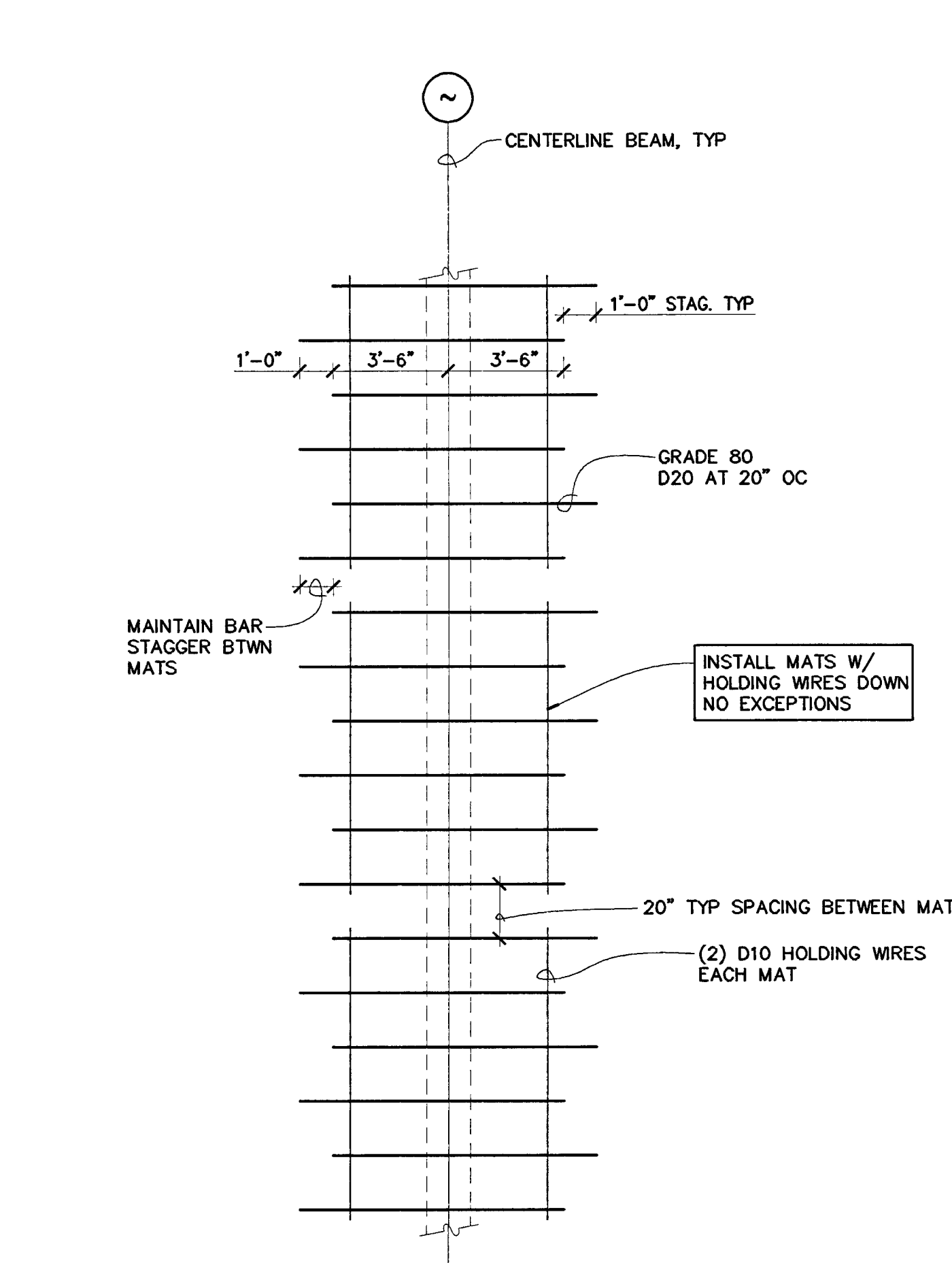
Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

Plumbing Designer - Design/Builder  
**HFM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

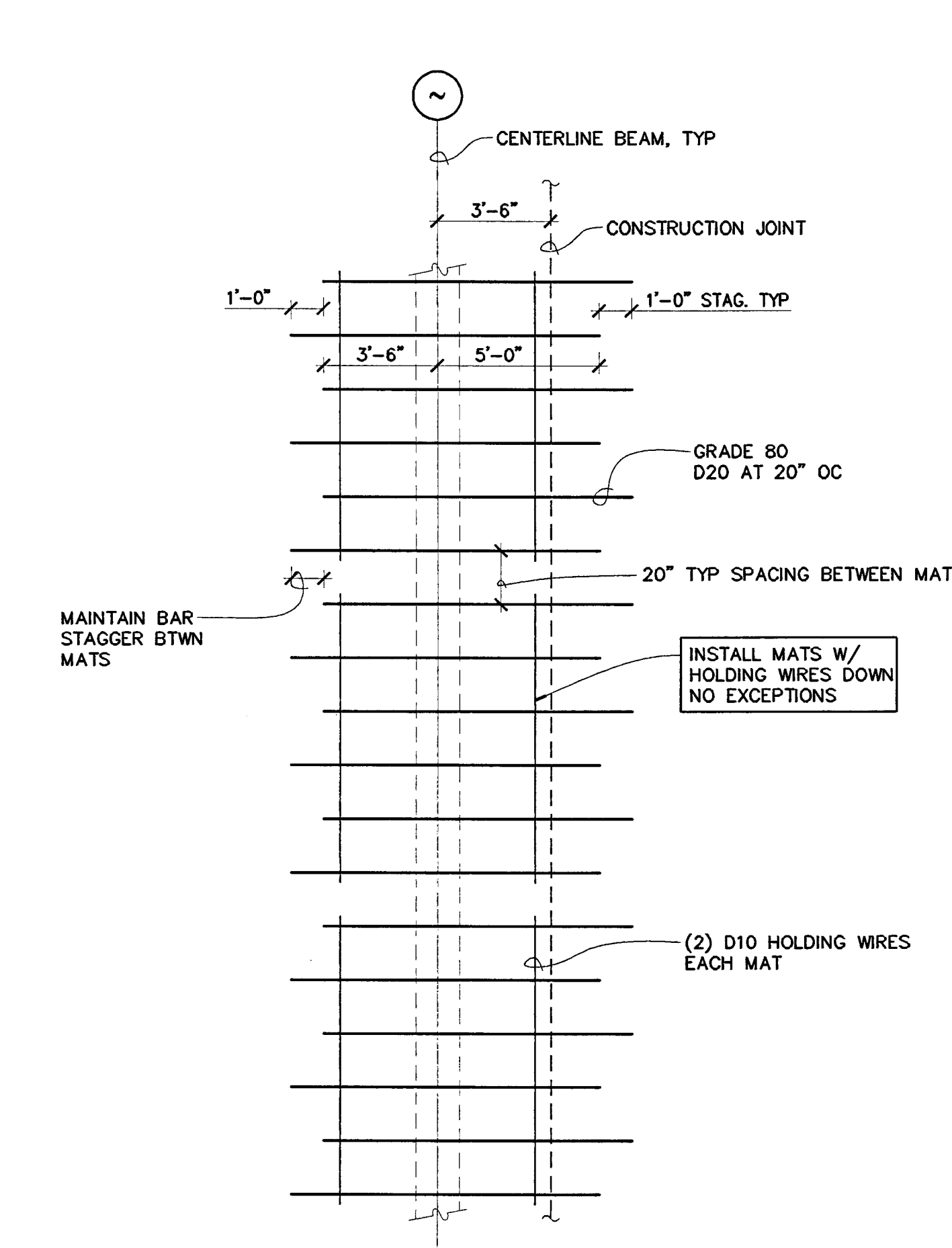
Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 7607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601



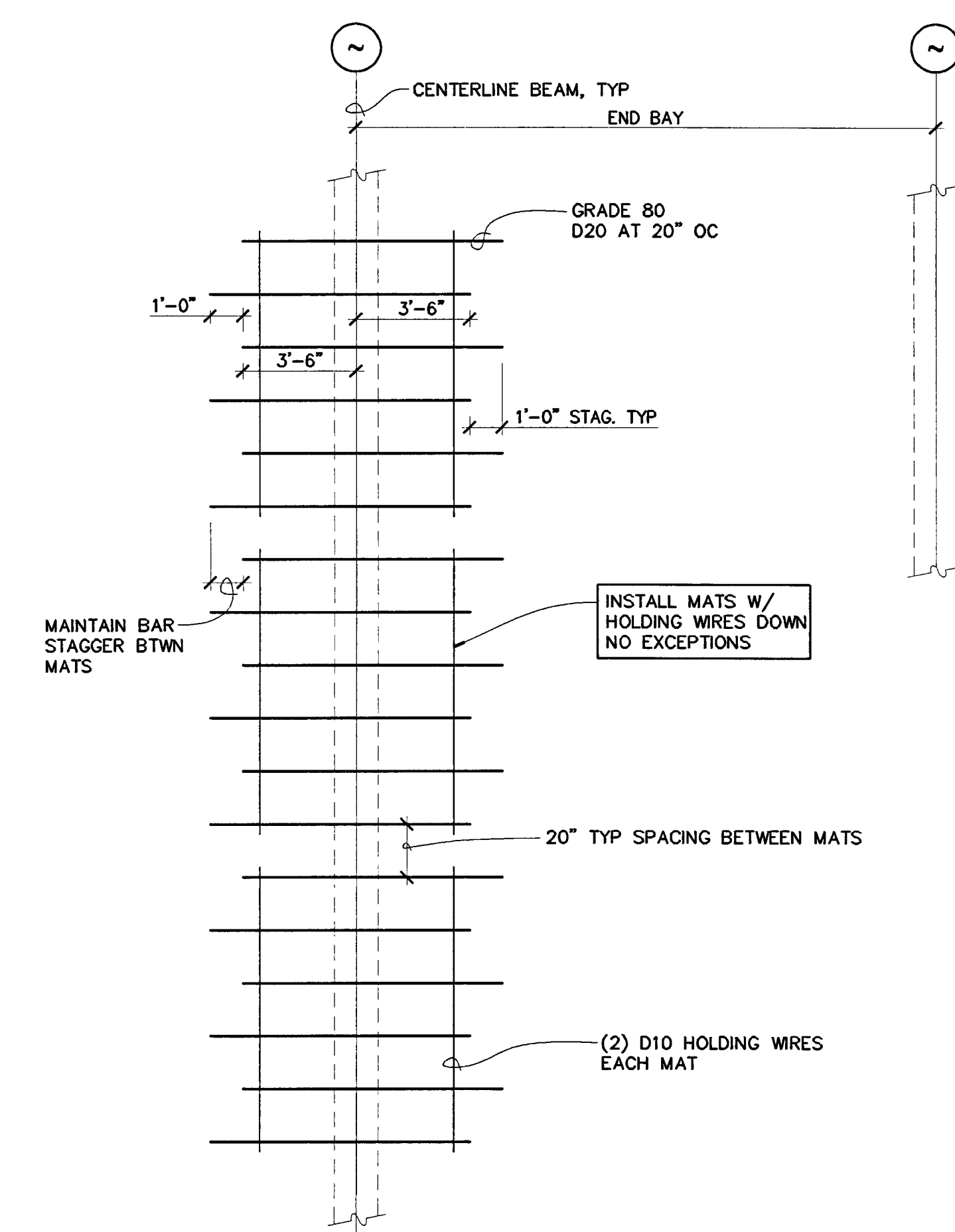
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 TYP TOP SLAB REINF

NO SCALE



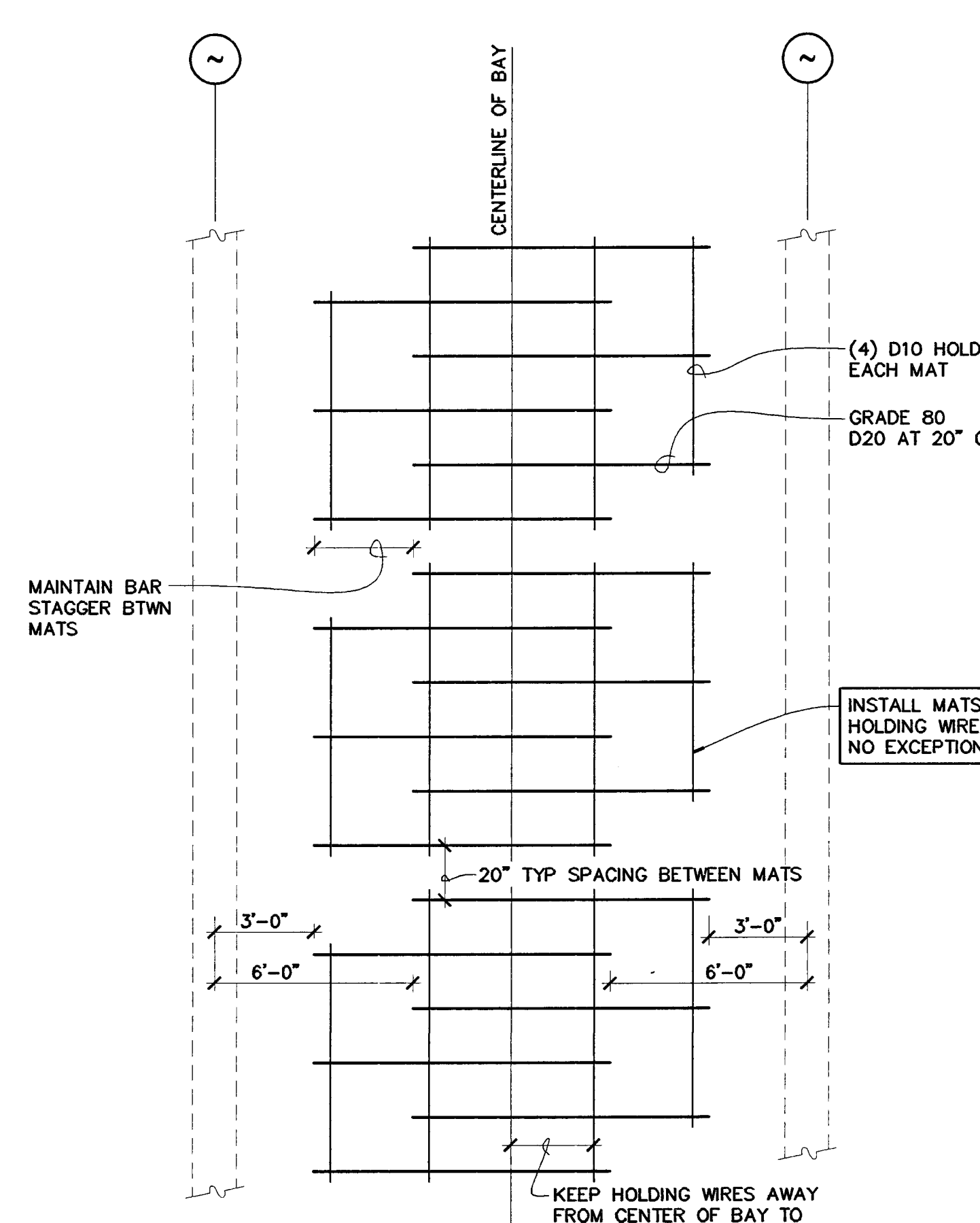
SWWR ALTERNATE  
 TYP TOP SLAB REINF AT CONSTR JTS

NO SCALE



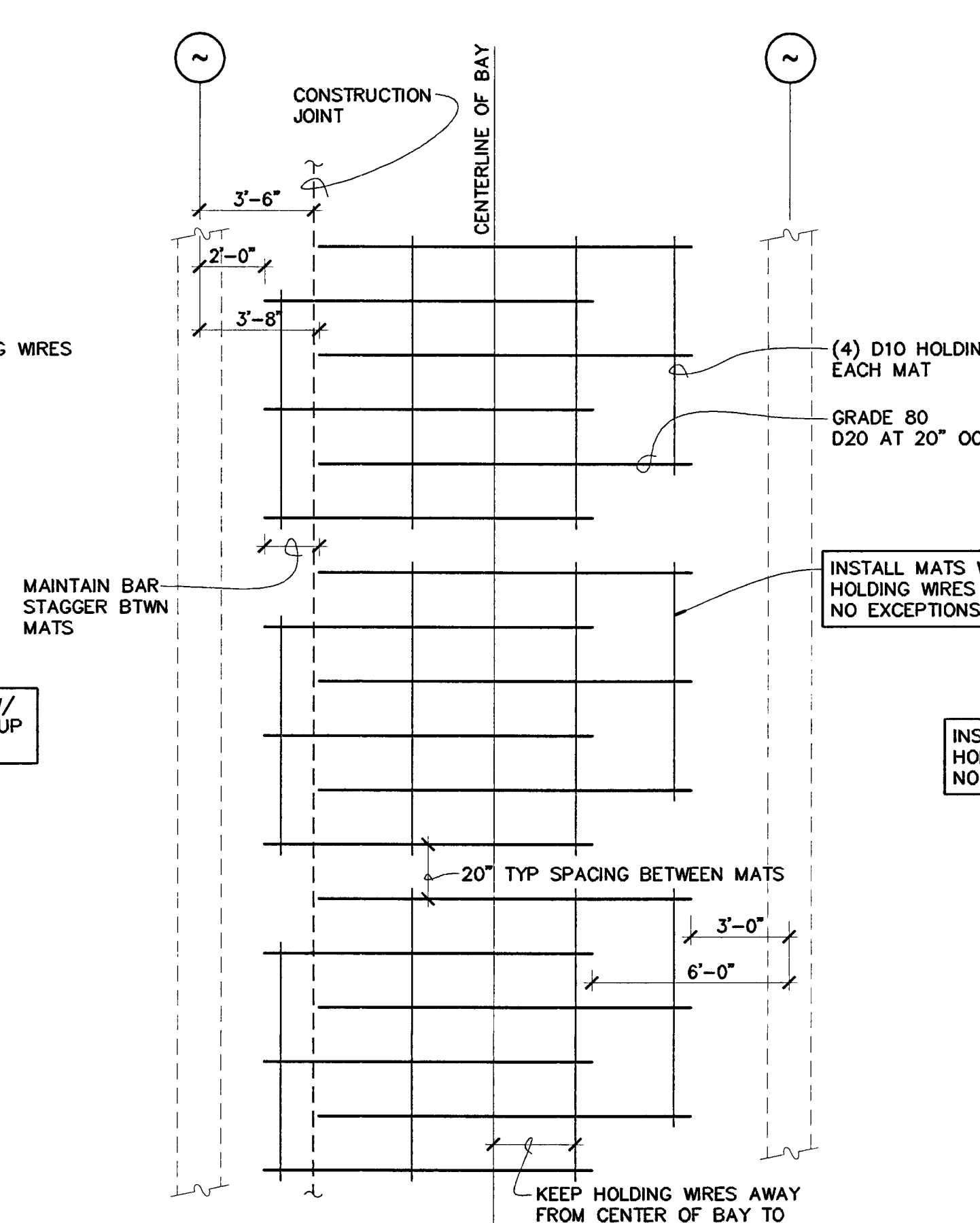
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 TYP TOP SLAB REINF AT END BAY

NO SCALE



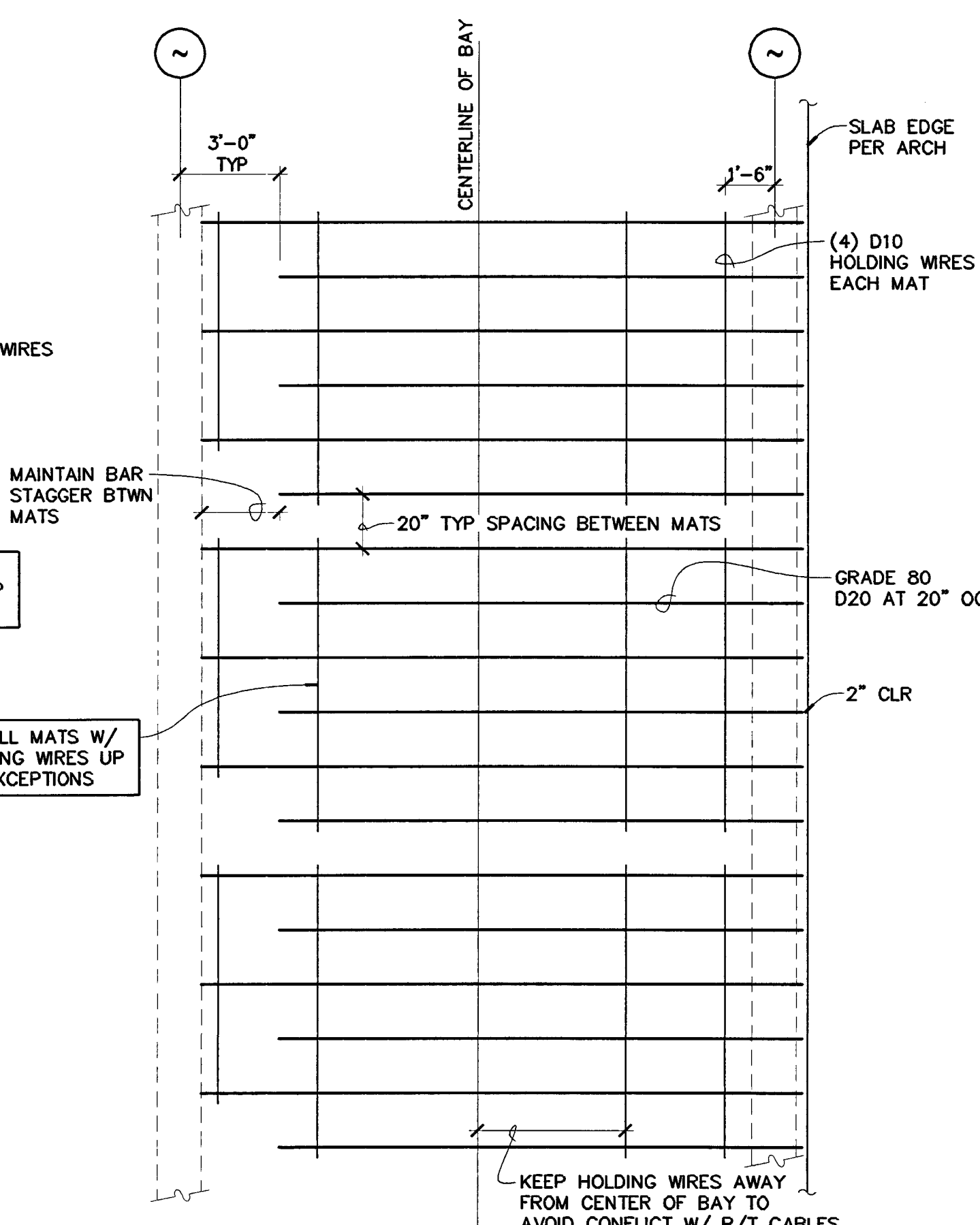
SWWR ALTERNATE  
 TYP BOT MAT SLAB REINF

NO SCALE



SWWR ALTERNATE  
 TYP BOT SLAB REINF AT CONSTR JTS

NO SCALE



SWWR ALTERNATE  
 TYP BOT SLAB REINF AT END BAY

NO SCALE

BERRYMAN & HENIGAR  
 APPROVED

REVISIONS:  
 2-28-05 RESPONSE TO PLAN CHECK

BERRYMAN & HENIGAR  
 APPROVED  
 MAR 09 2005



**ALTERNATE  
 SLAB REINFORCING  
 & BEAM TIES**

DATE: 02/28/04 SCALE: 1" = 1'-0"  
 DRAWN BY: MATT CHECKED BY:  
 DRAWING NO. SHEET  
 PROGRAM NO. R-NO.

DRAWING NO.: **S4.4**  
 PROJECT NO.: HNA 2319

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
 F&H Construction  
 4845 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:

Architect - Parking Consultant  
**HNA / Pacific**  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310.544.8670

Design Architect  
**Wenell Mattheis Bowe**  
 246 E. Main Street  
 Stockton, California 95202  
 209.944.9110

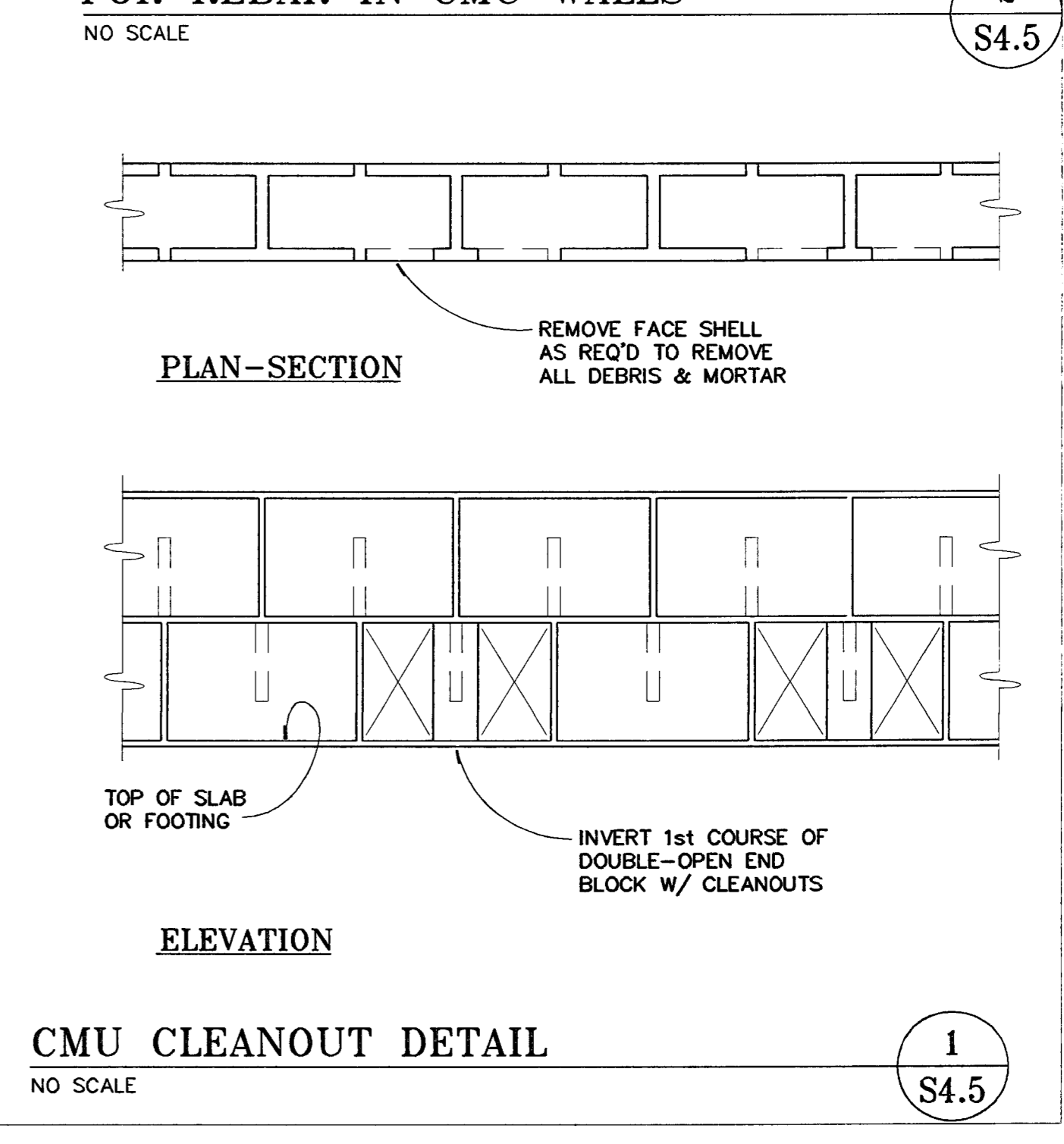
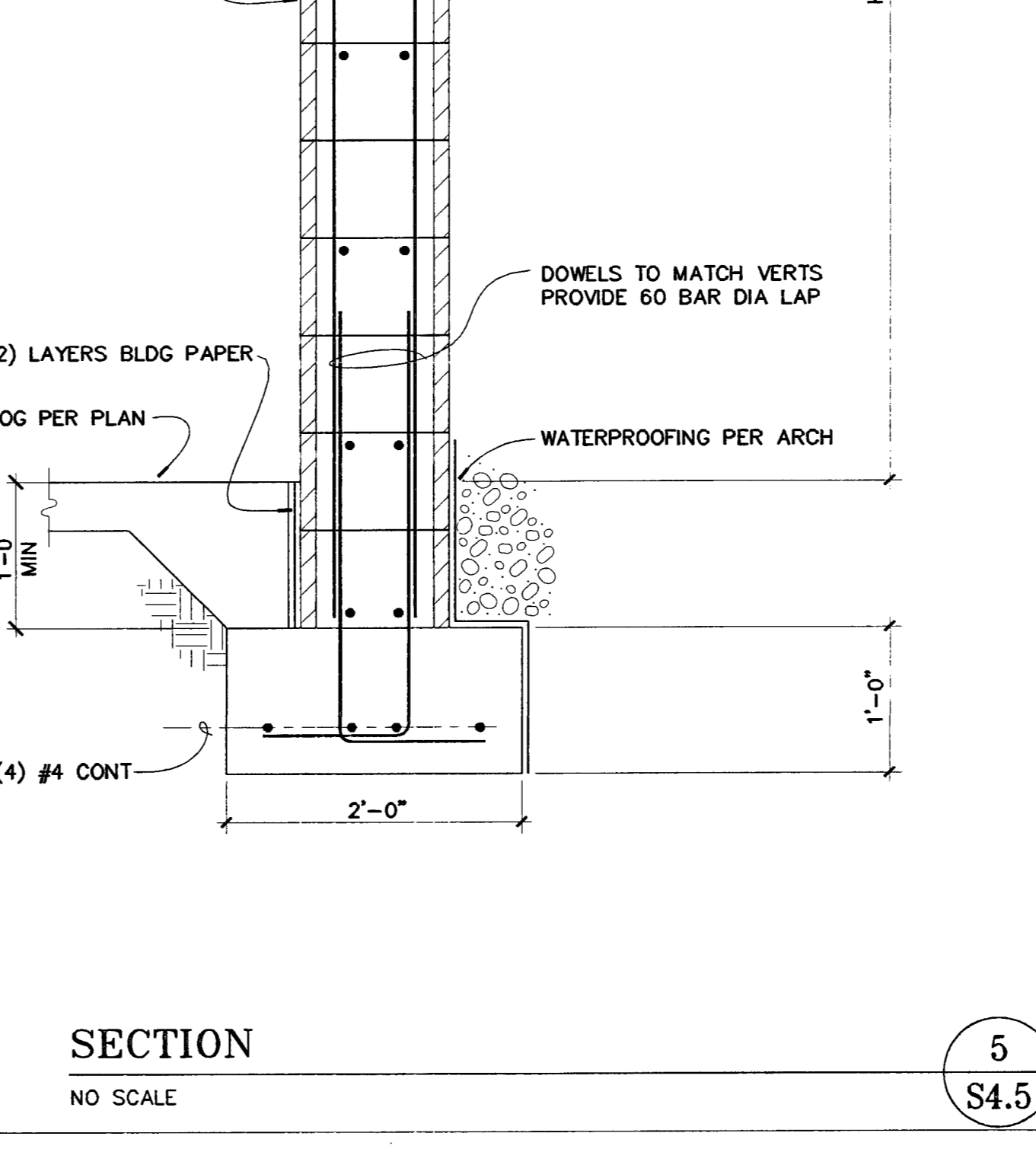
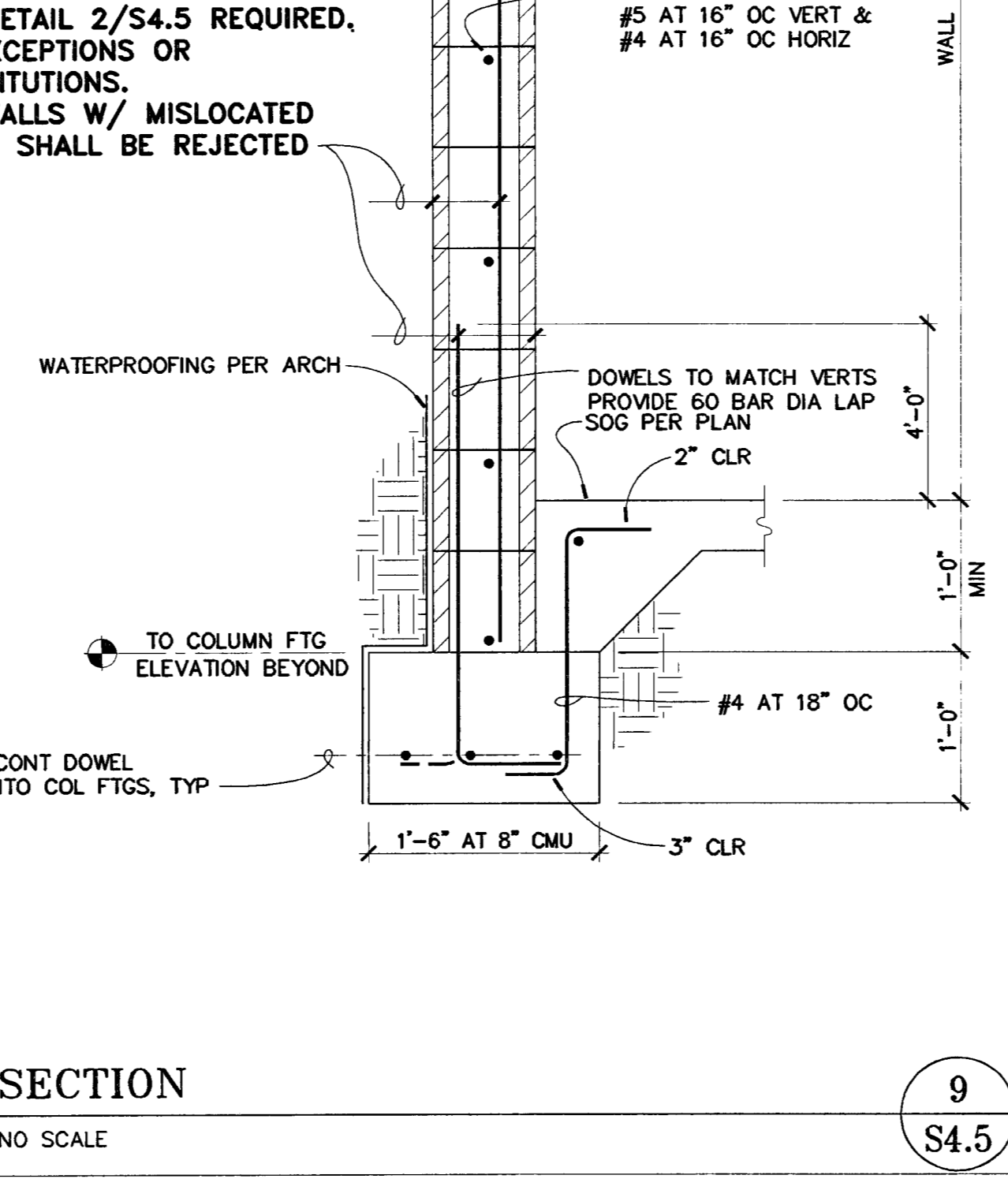
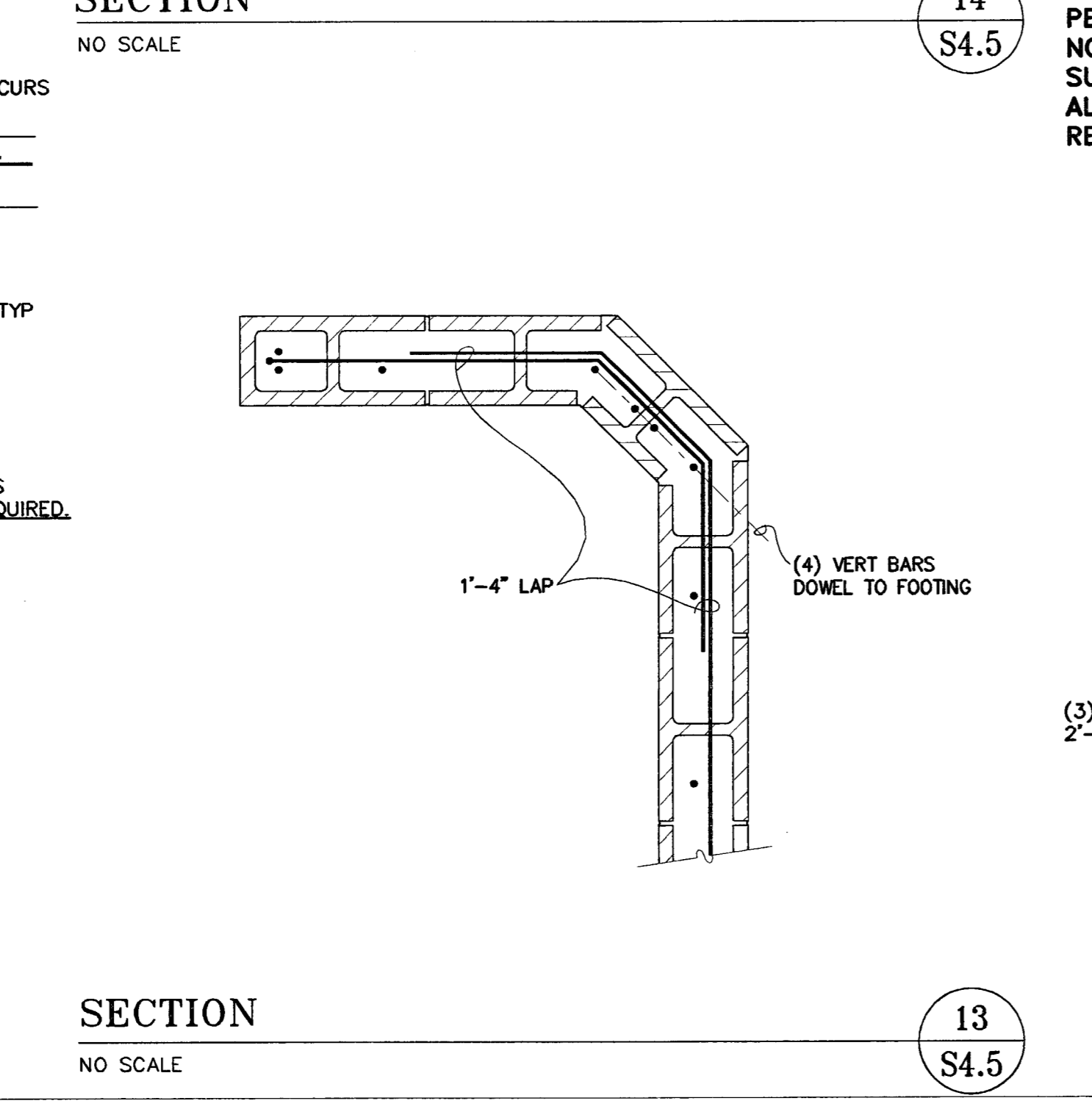
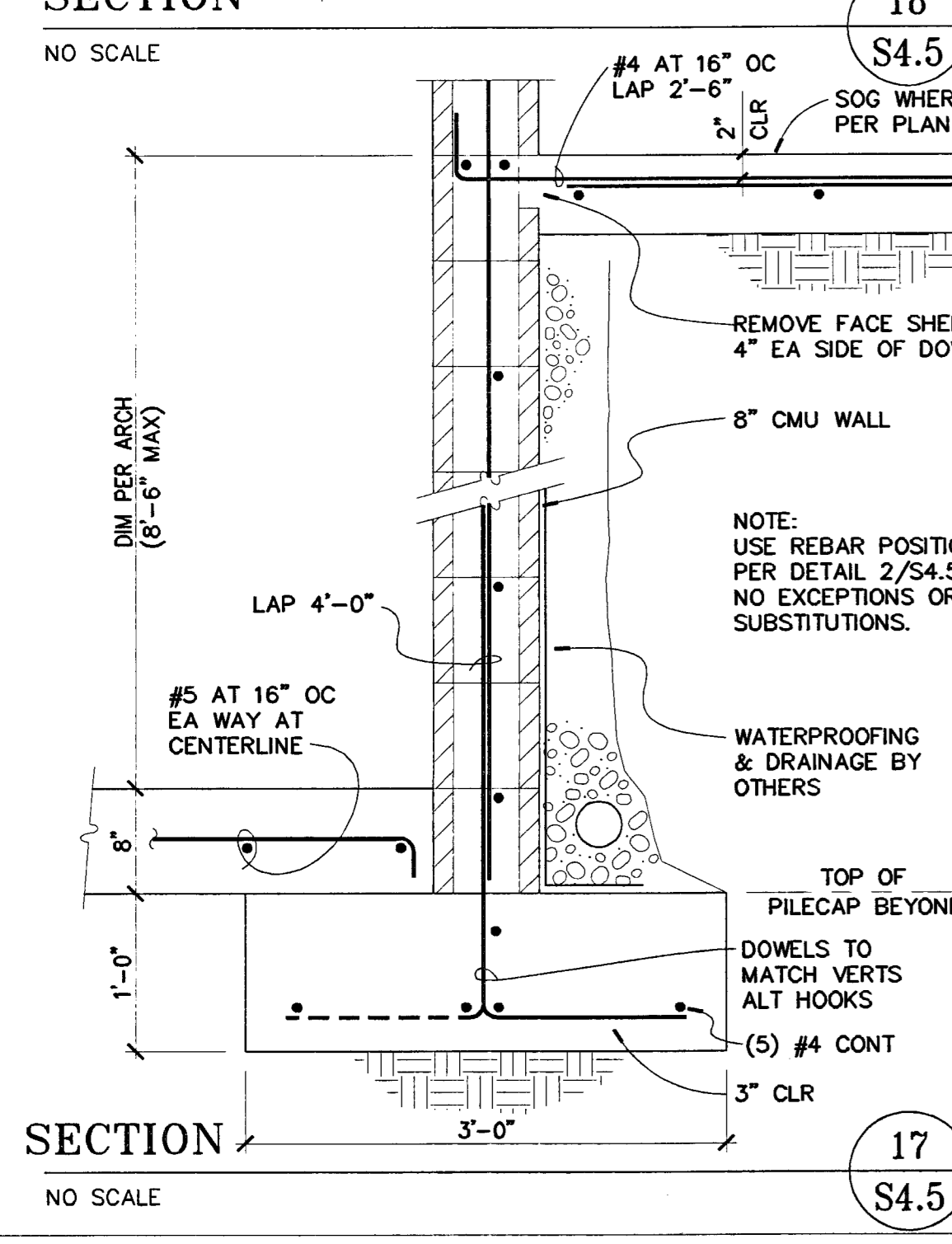
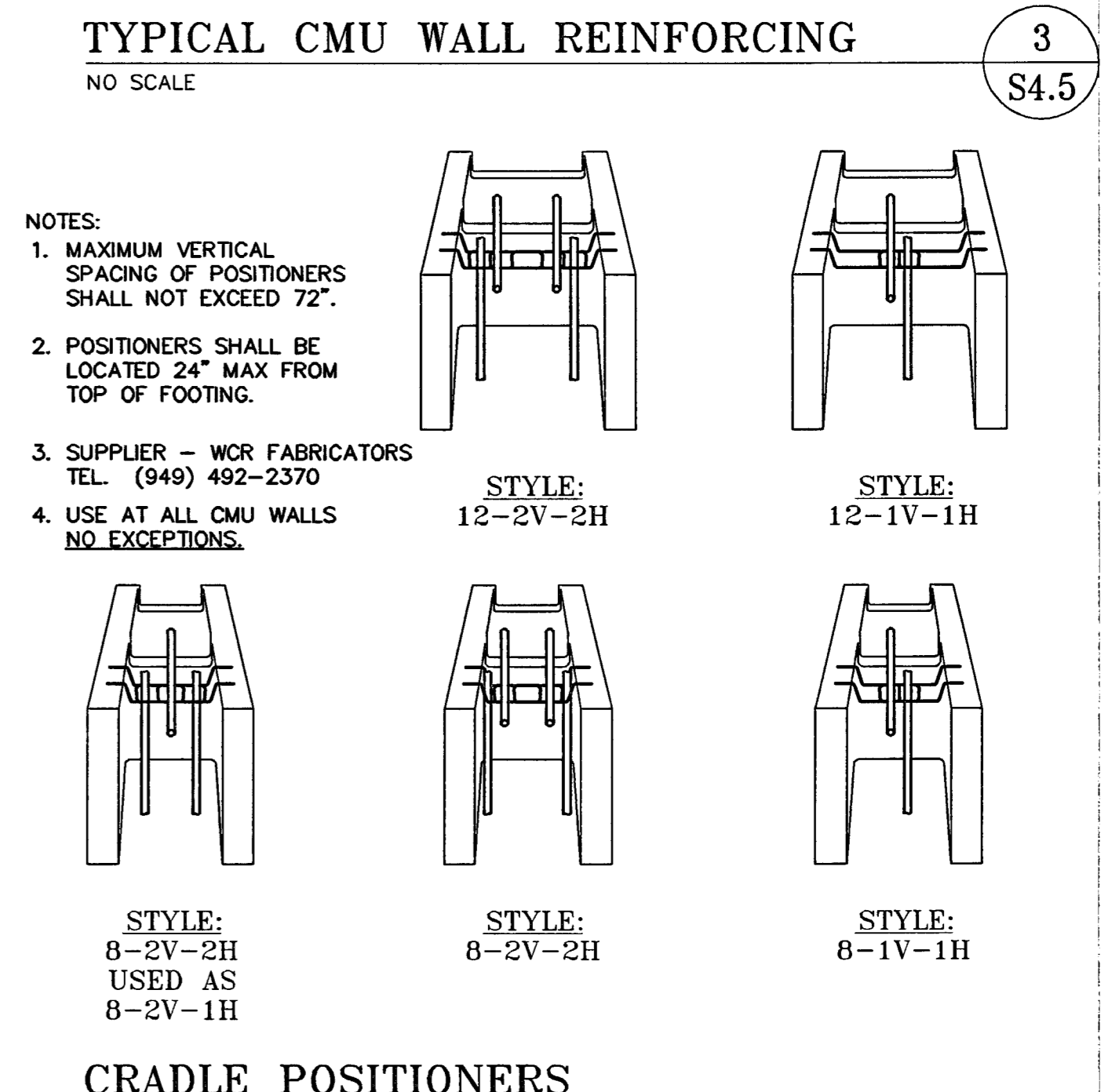
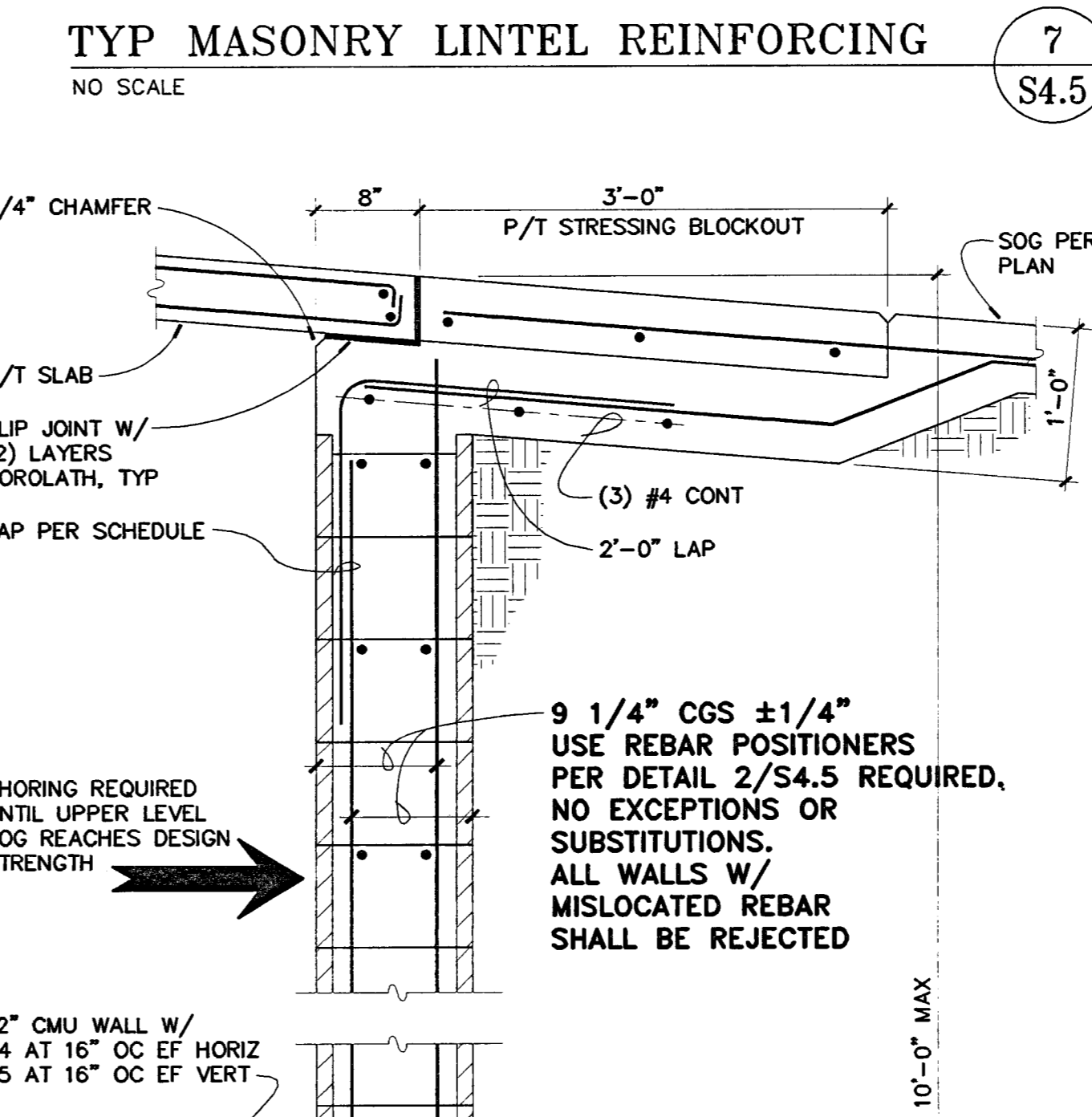
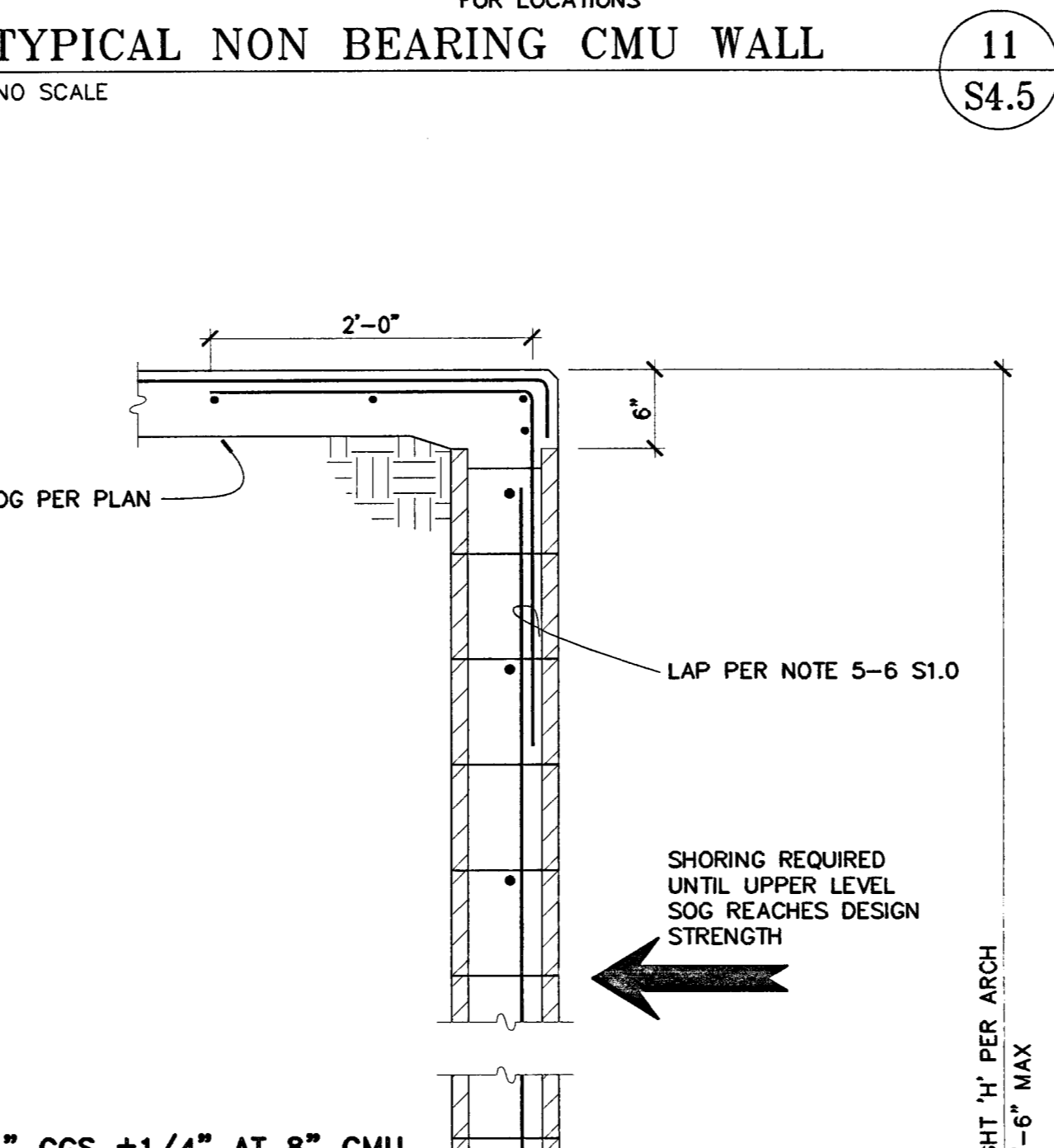
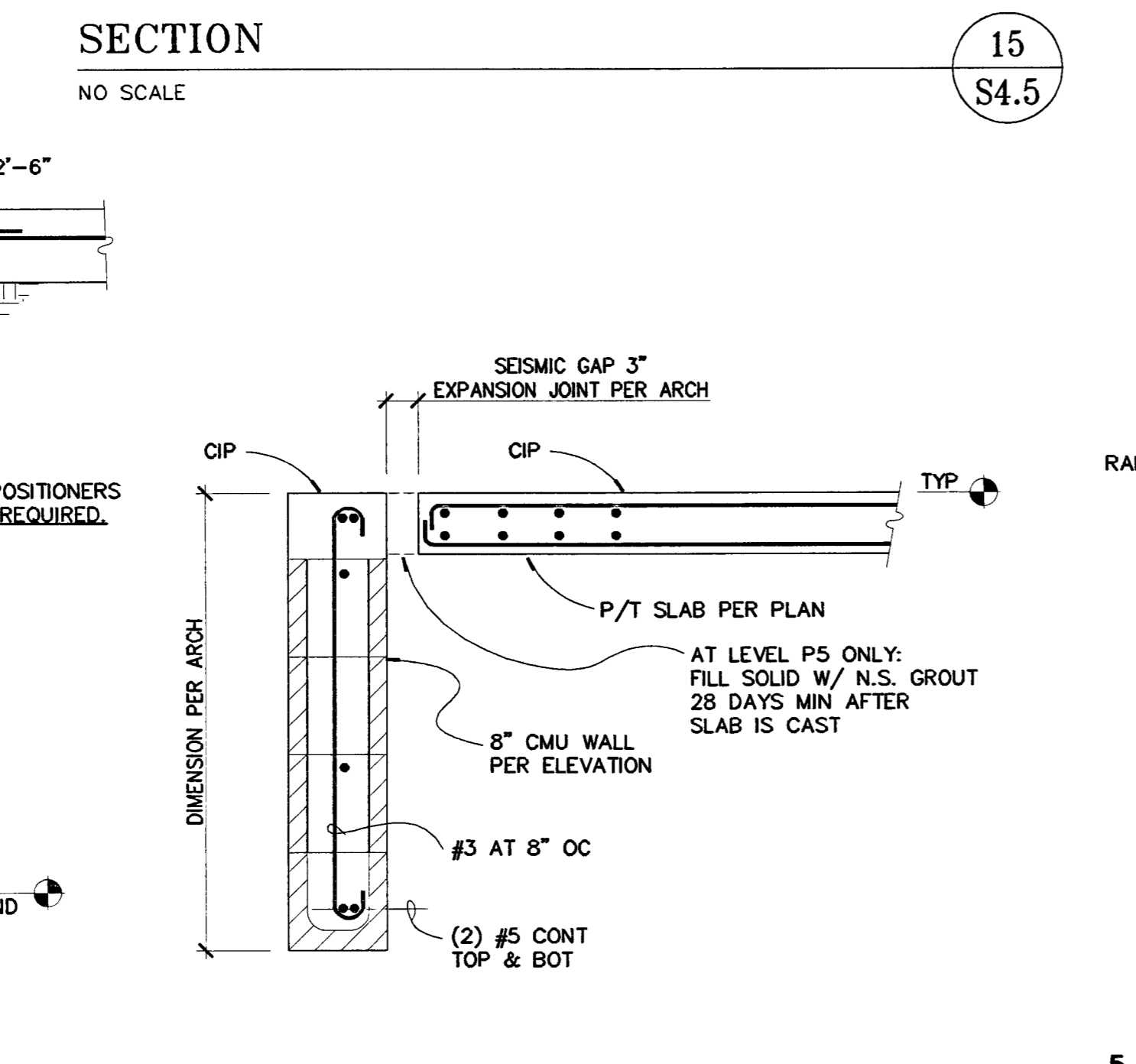
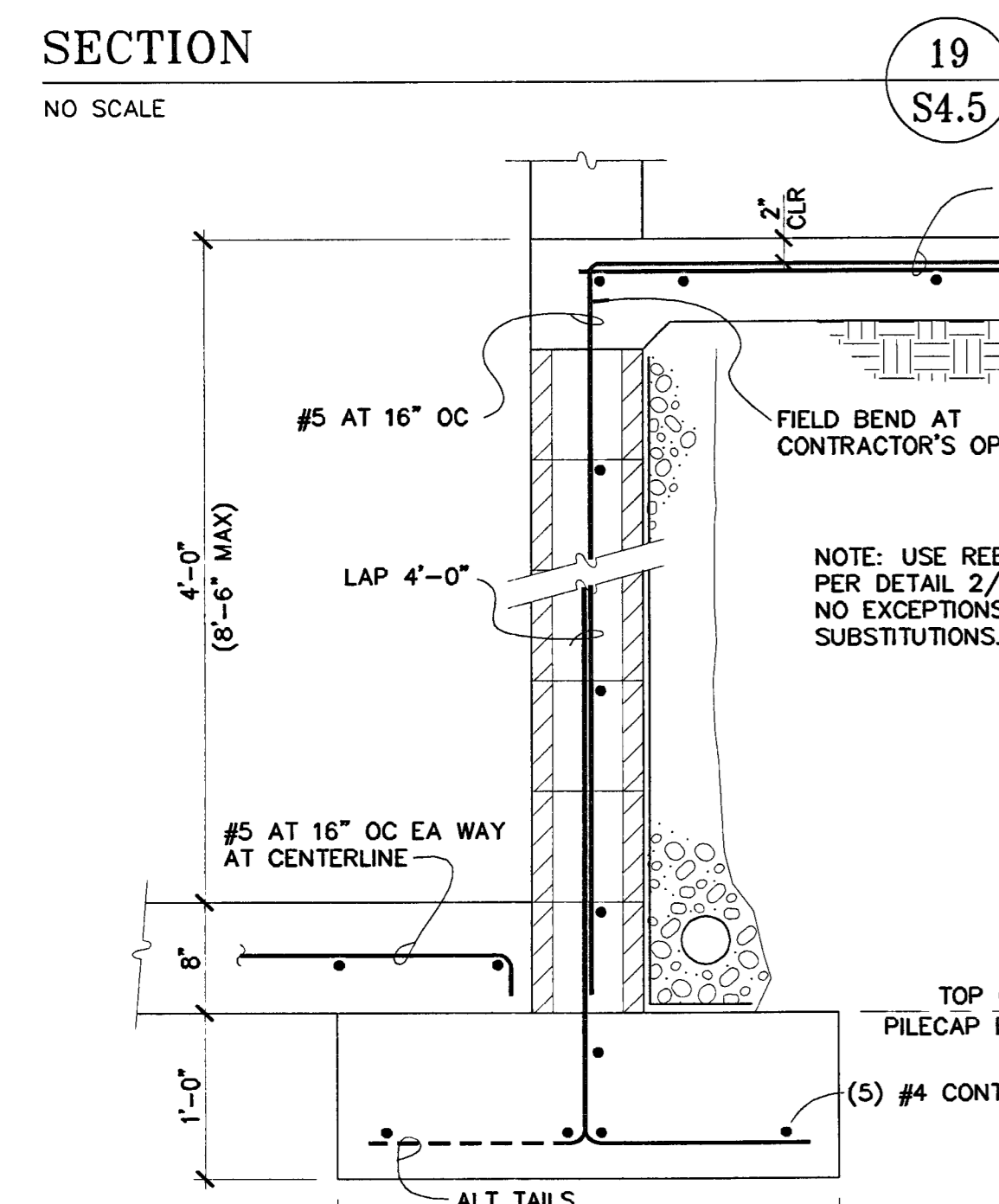
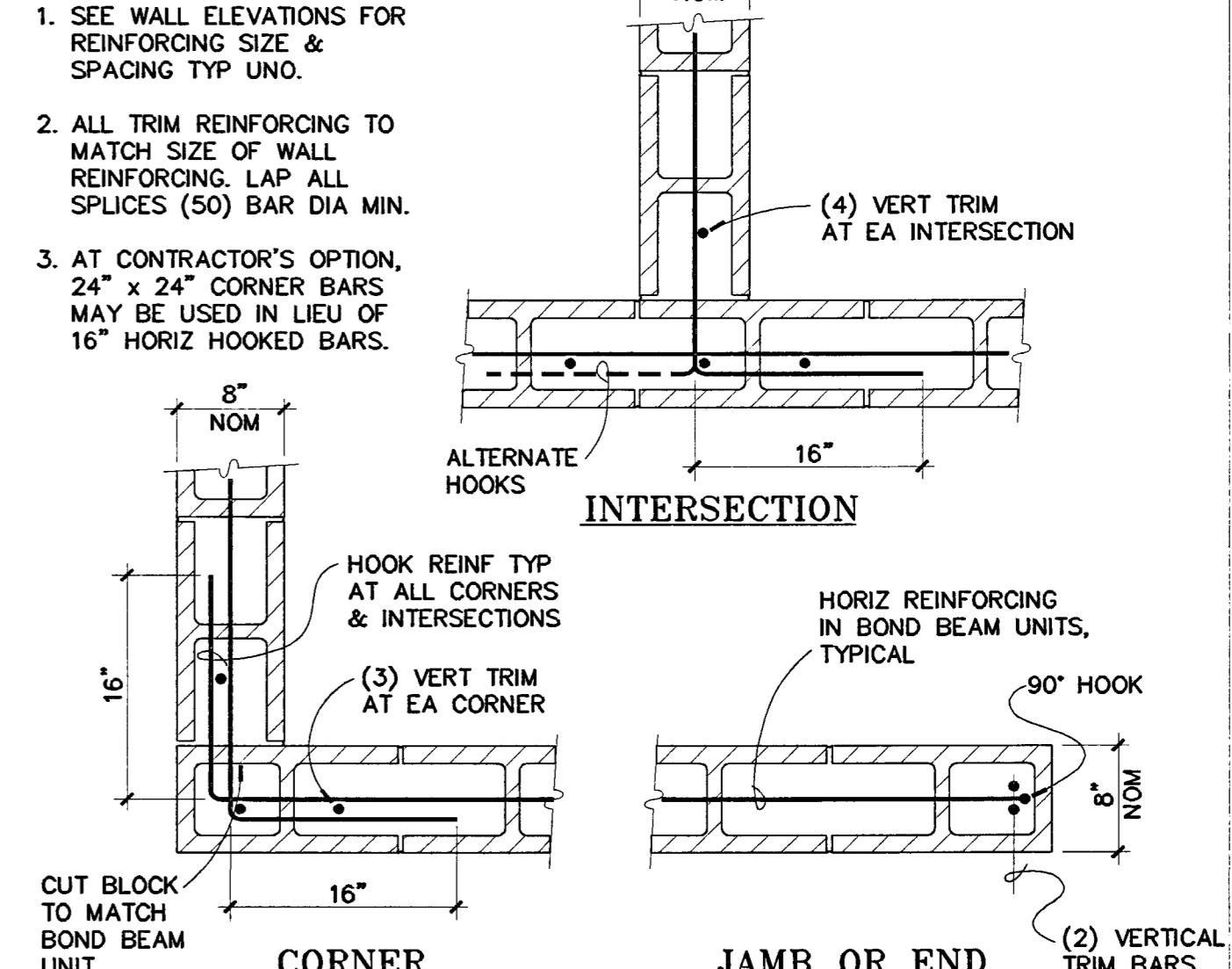
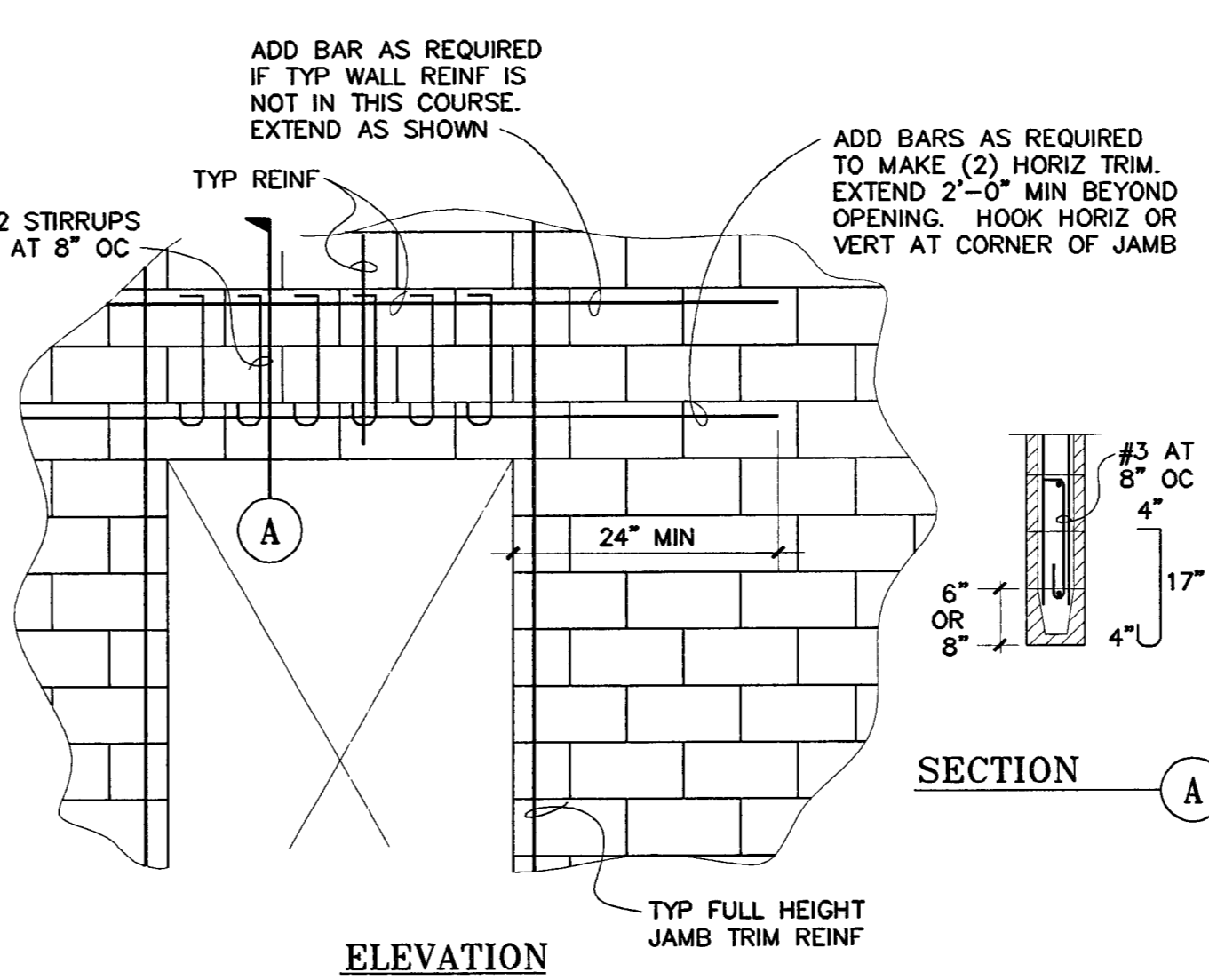
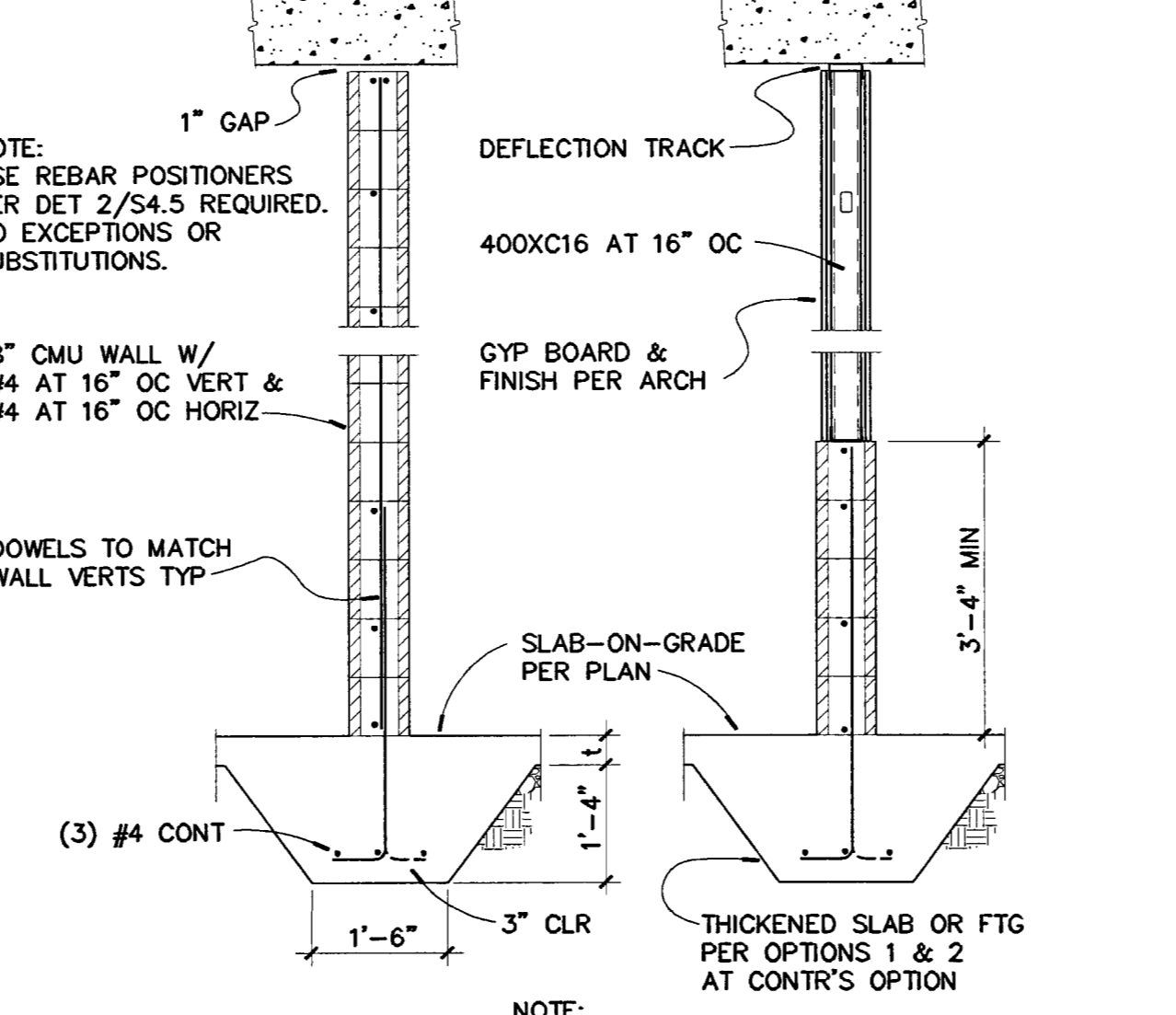
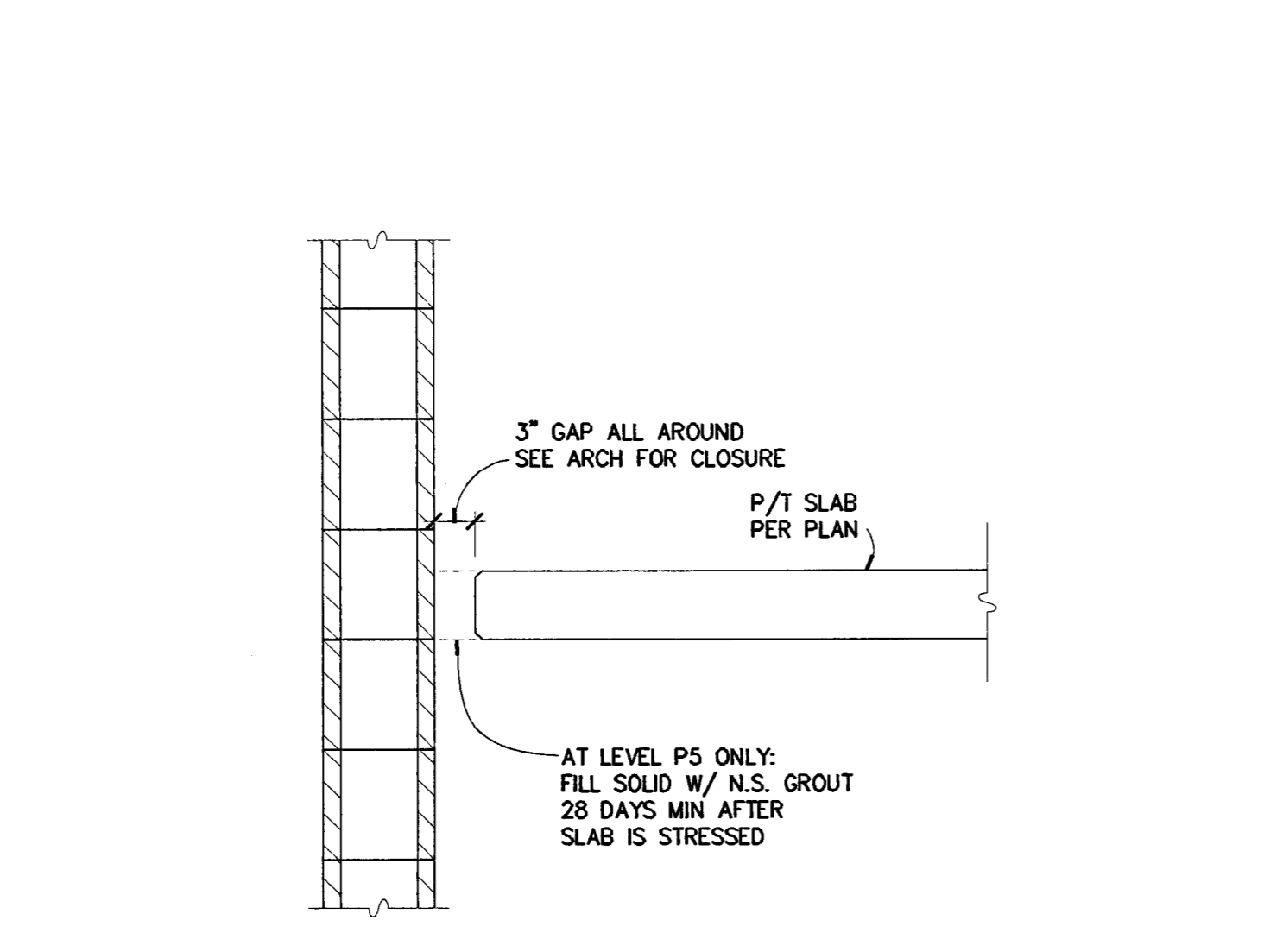
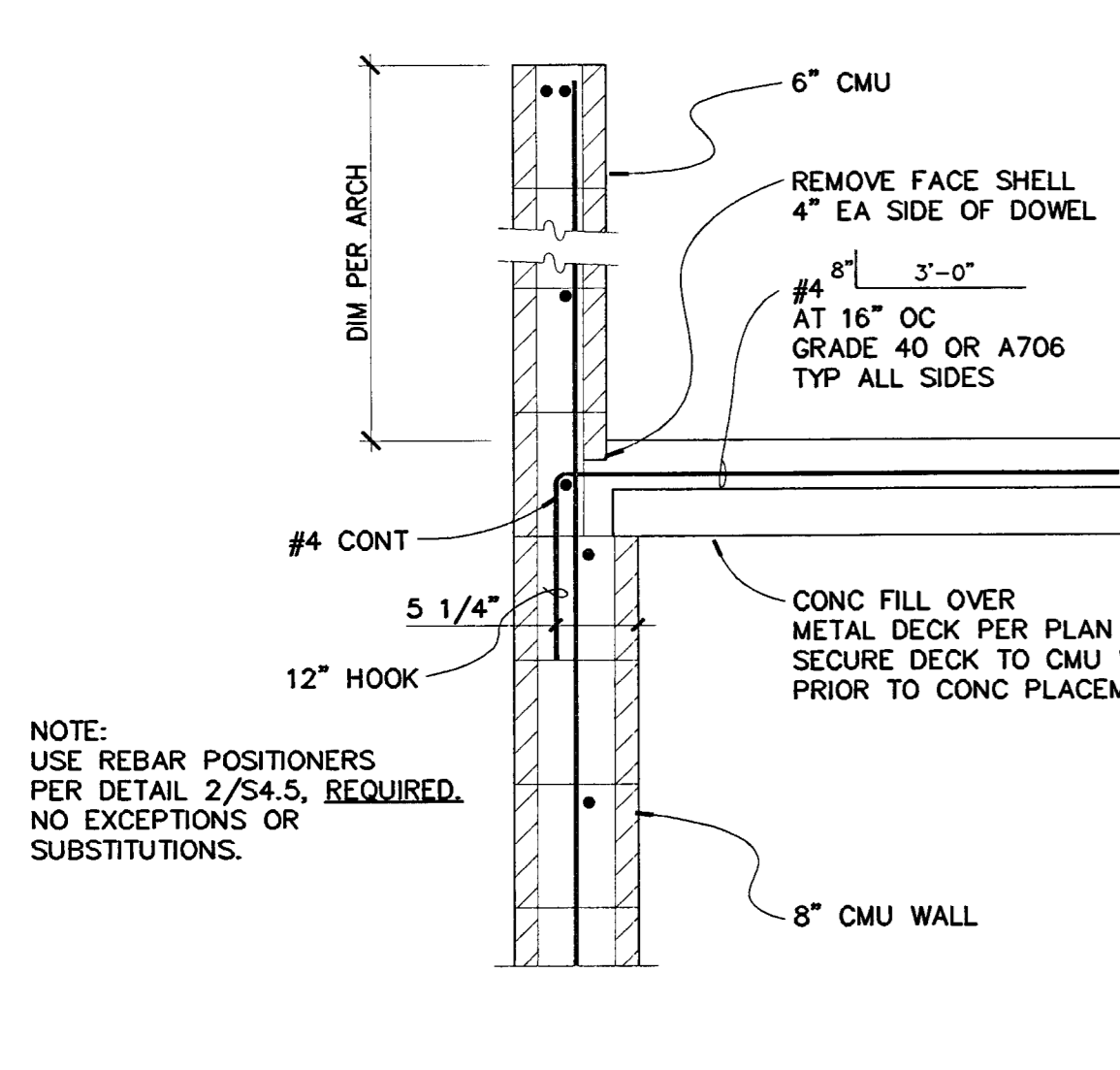
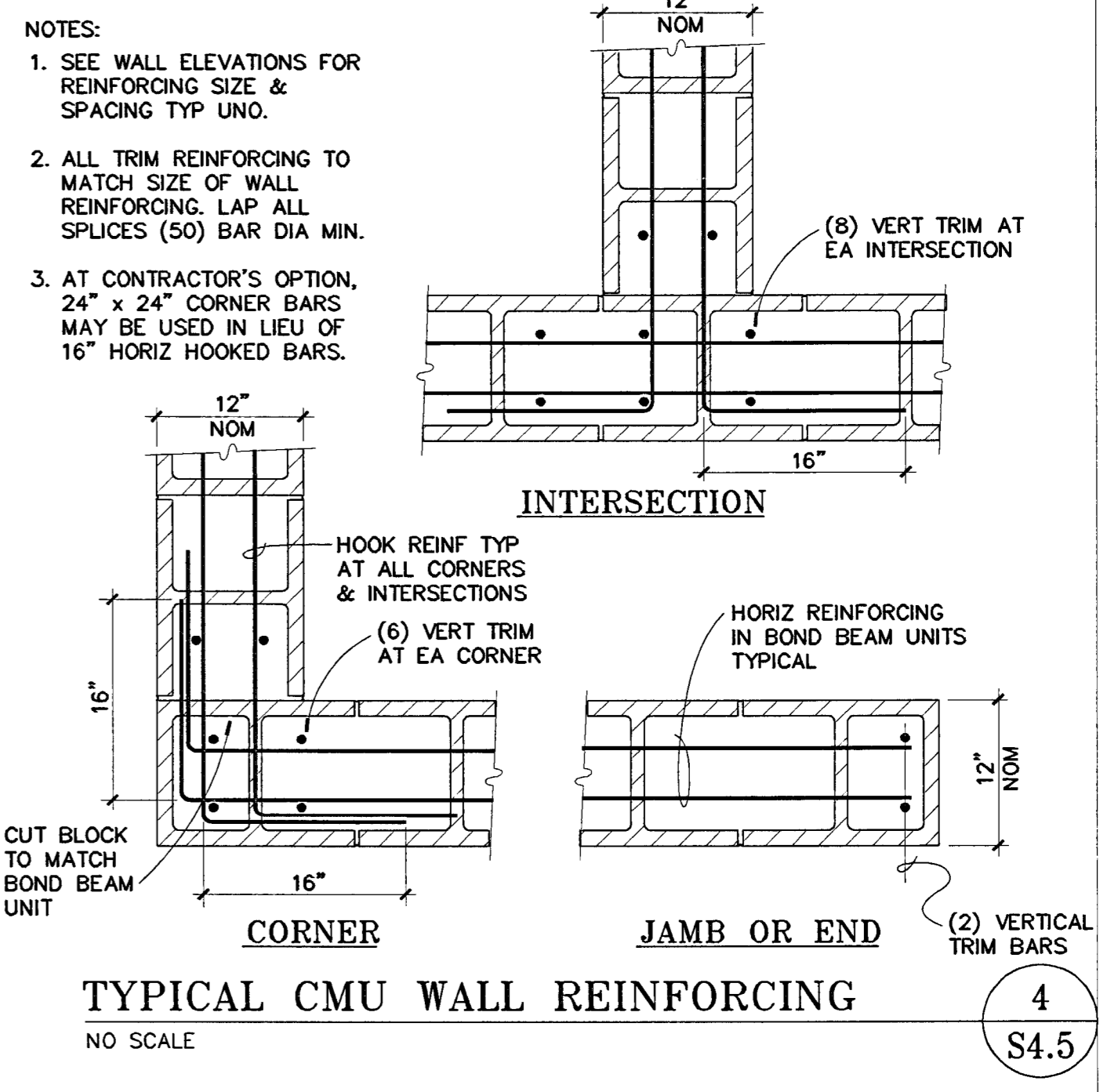
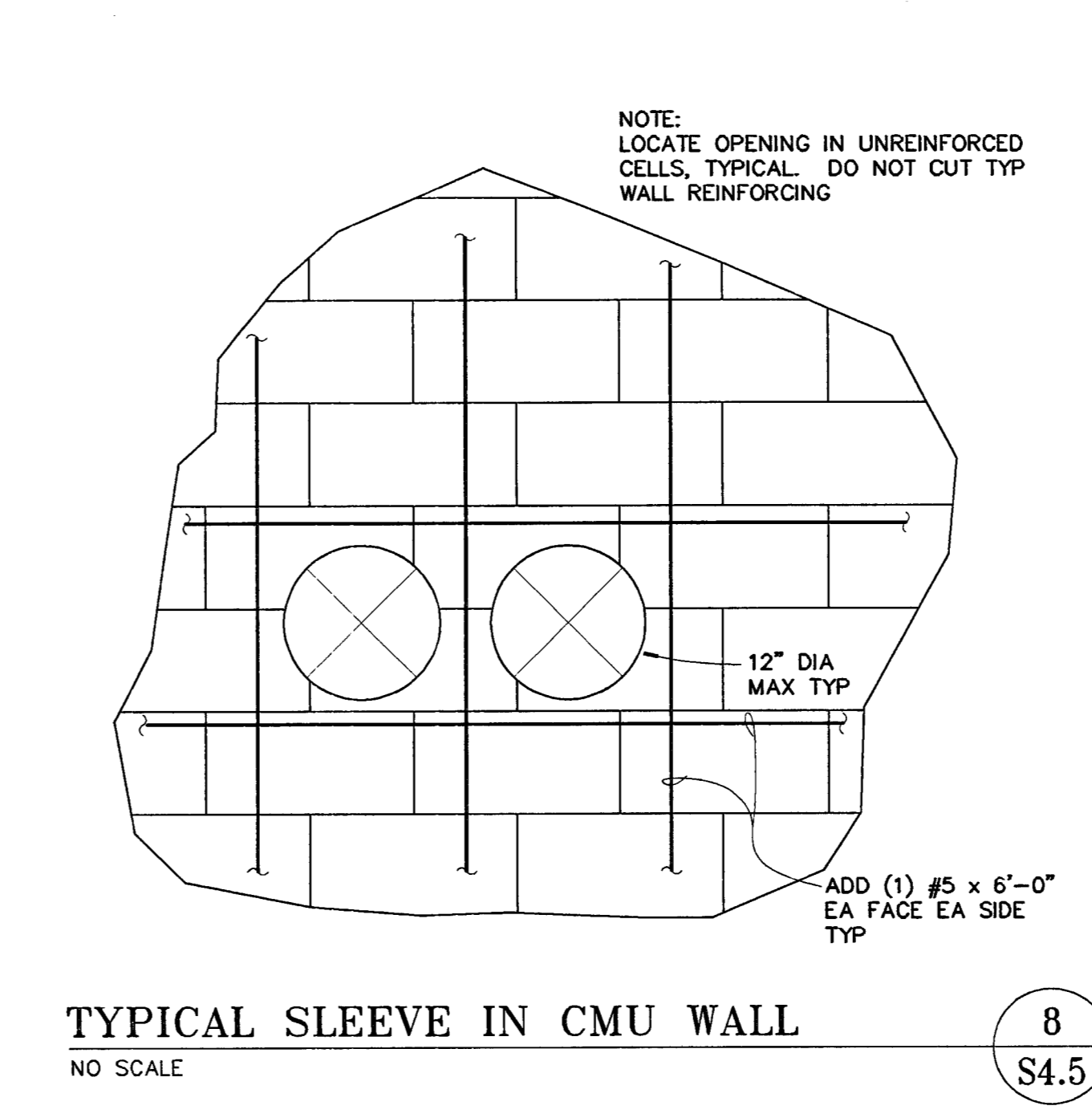
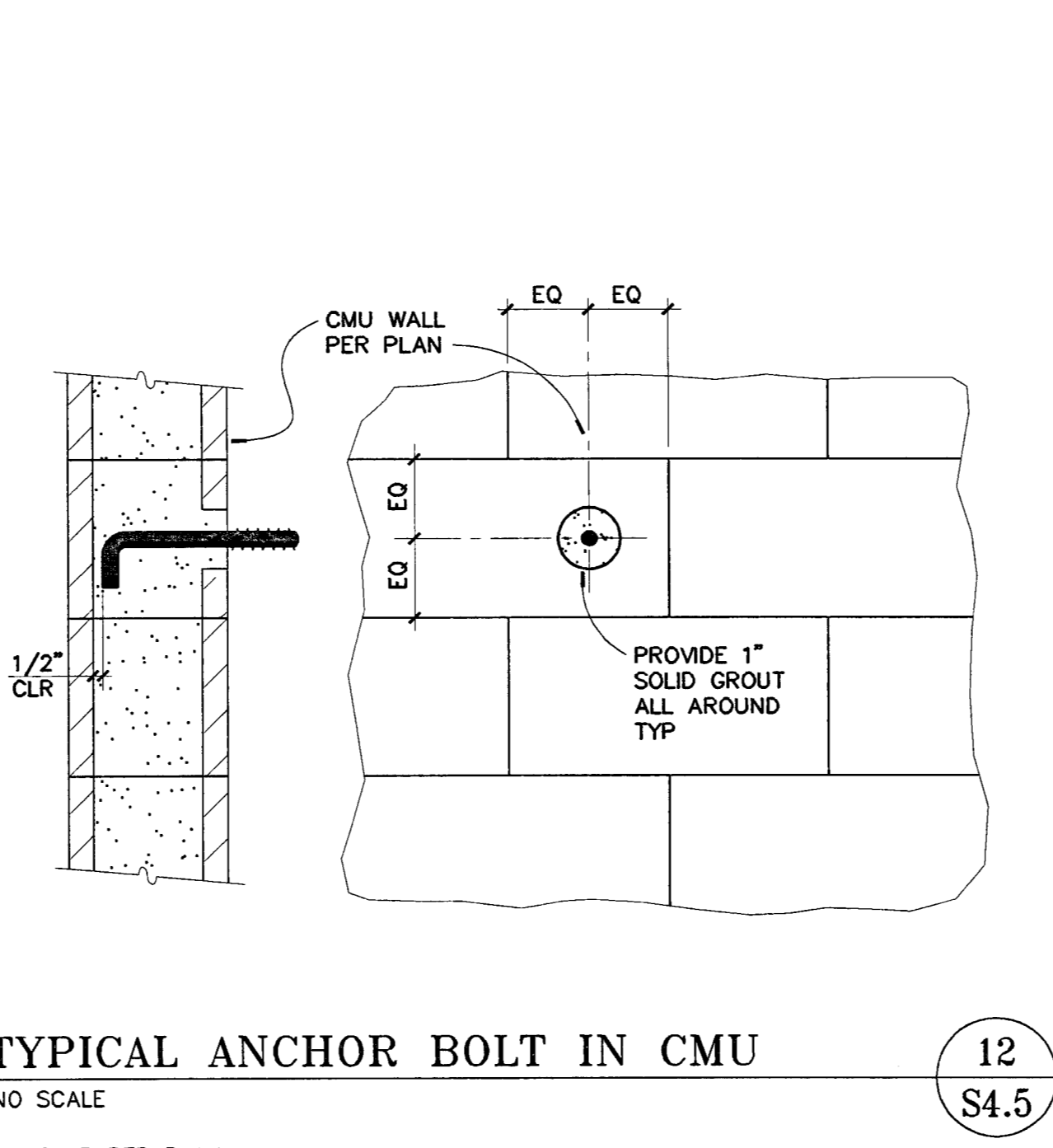
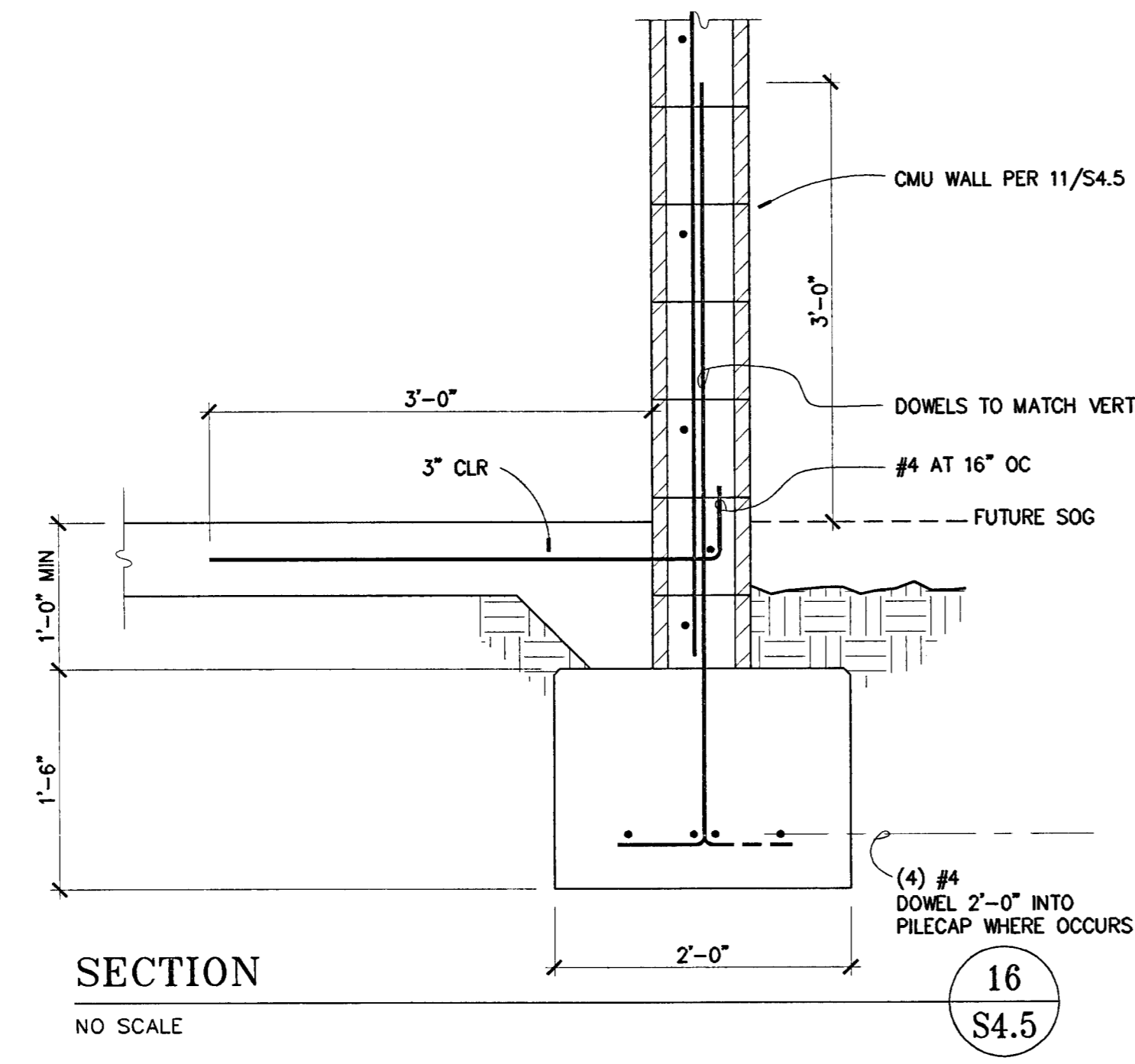
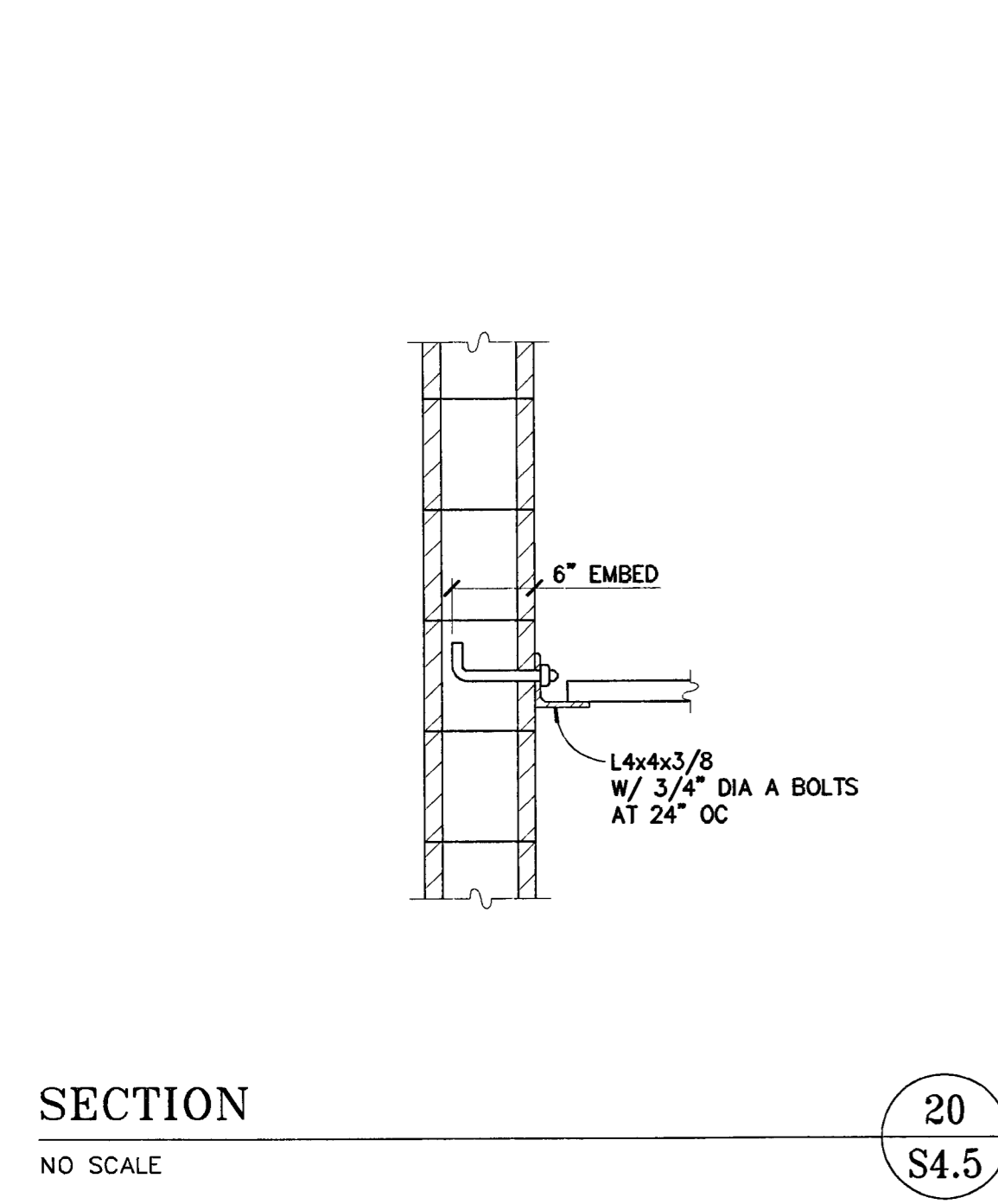
Structural Engineer  
**Jessen-Wright Structural Engineers**  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530.894.5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209.943.2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
 3650 Wilcox Road  
 Stockton, California 95215  
 209.931.9650

Electrical Designer - Design/Builder  
**Collins Electrical**  
 611 W. Fremont Street  
 Stockton, California 95203  
 209.466.3691

Mechanical Designer - Design/Builder  
**Comfort Air**  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601



BERRYMAN & HENIGAR  
**APPROVED**

REVISIONS:  
 2-28-05 RESPONSE TO PLAN CHECK

BERRYMAN & HENIGAR  
**APPROVED**  
 MAR 09 2005

REGISTERED PROFESSIONAL ENGINEER  
 REED D. JESSEN  
 NO. 3383  
 EXP. 3/31/06  
 STRUCTURAL  
 STATE OF CALIFORNIA

SHEET TITLE  
**TYPICAL MASONRY DETAILS**

DATE: 07/28/04  
 SCALE: 1" = 1'-0"

DRAWN BY: MATT  
 CHECKED BY:

DRAWING NO.:  
 SHEET:

PROGRAM NO.:  
 R-NO.:

DRAWING NO.:  
**S4.5**

PROJECT NO.:  
 HNA 2319

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
 F&H Construction  
 4845 Waterloo Road  
 Stockton, California 95215  
 209. 931. 3738

CONSULTANTS:

Architect - Parking Consultant  
 HNA / Pacific  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
 310. 544. 8670

Design Architect  
 Wenzel Mattheis Bowe  
 246 E. Main Street  
 Stockton, California 95202  
 209. 944. 9110

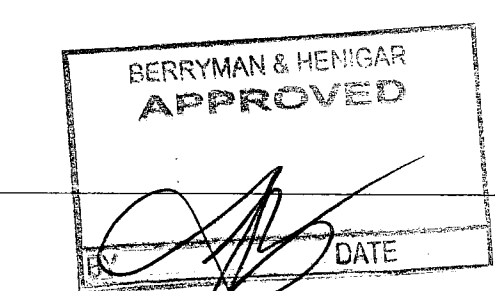
Structural Engineer  
 Jessen-Wright Structural Engineers  
 113 West 8th Avenue, Suite A  
 Chico, California 95926  
 530. 894. 5345

Civil Engineer  
 Siegfried Engineering, Inc.  
 4045 Coronado Avenue  
 Stockton, California 95204  
 209. 943. 2021

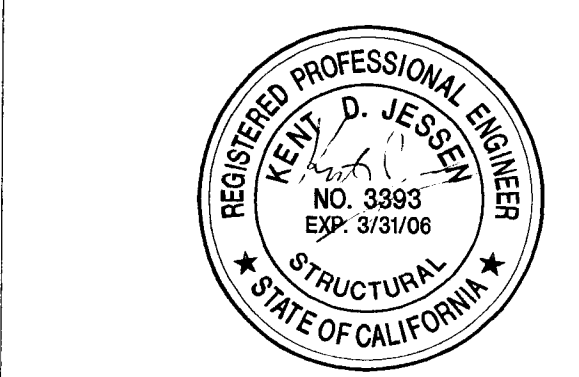
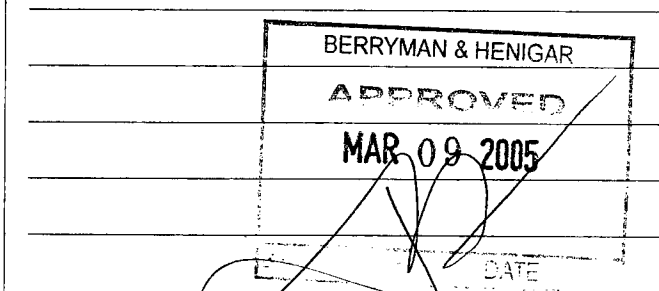
Plumbing Designer - Design/Builder  
 HRM Plumbing  
 3650 Wilcox Road  
 Stockton, California 95215  
 209. 931. 9650

Electrical Designer - Design/Builder  
 Collins Electrical  
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 Stockton, California 95203  
 209. 466. 3691

Mechanical Designer - Design/Builder  
 Comfort Air  
 1607 Turnpike Road  
 Stockton, California 95201  
 209. 466. 4601



REVISIONS:  
 2-28-05 RESPONSE TO PLAN CHECK

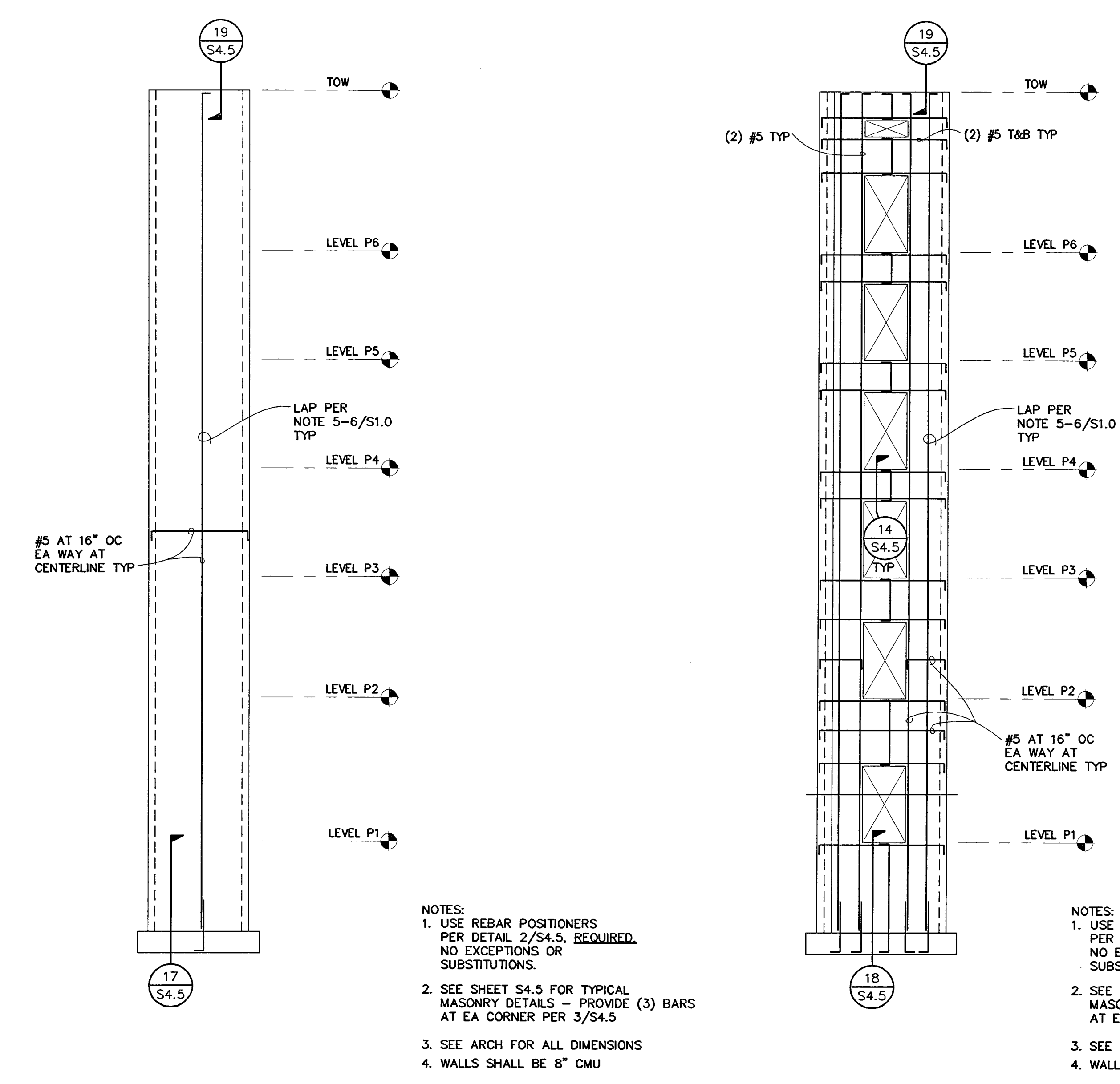


**ELEVATOR ELEVATIONS**

DATE	SCALE
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DRAWN BY	CHECKED BY
MMM	
DRAWING NO.	SHEET
PROGRAM NO.	R.NO.
DRAWING NO:	

**S4.6**

PROJECT NO.  
 HNA 2319



**ELEVATOR ELEVATION**

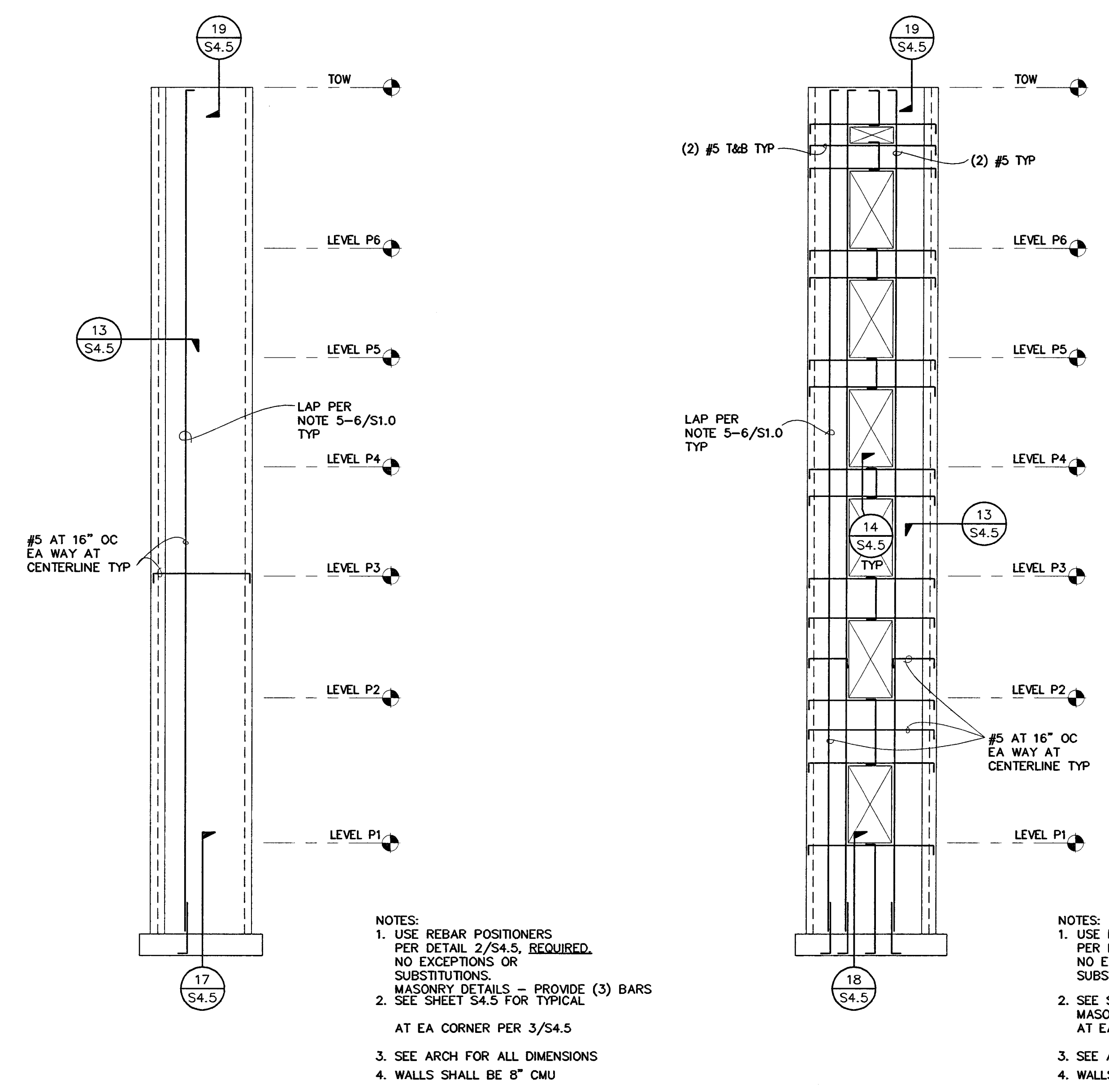
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7  
 S4.6

**ELEVATOR ELEVATION**

NO SCALE

3  
 S4.6



**ELEVATOR ELEVATION**

NO SCALE

9  
 S4.6

**ELEVATOR ELEVATION**

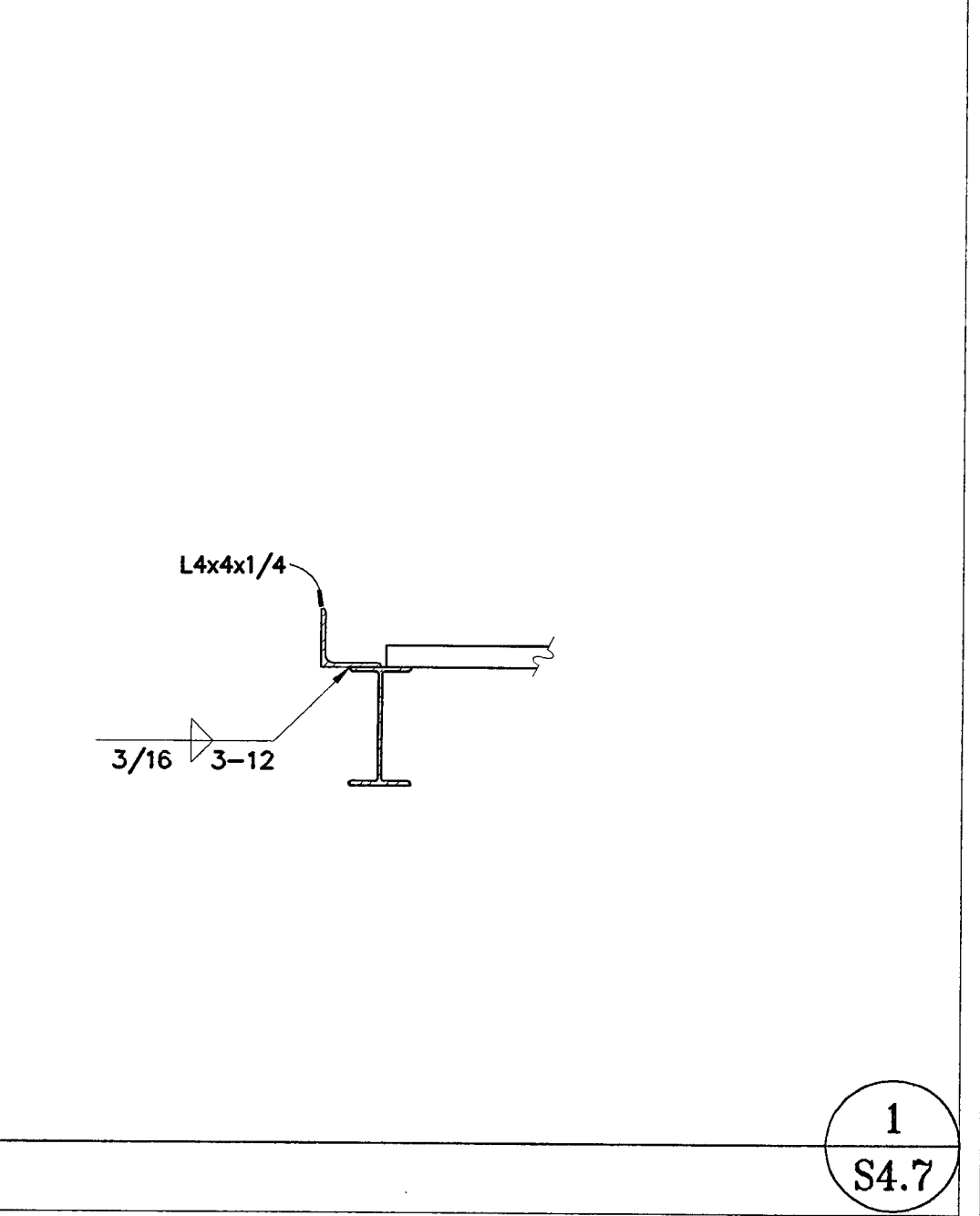
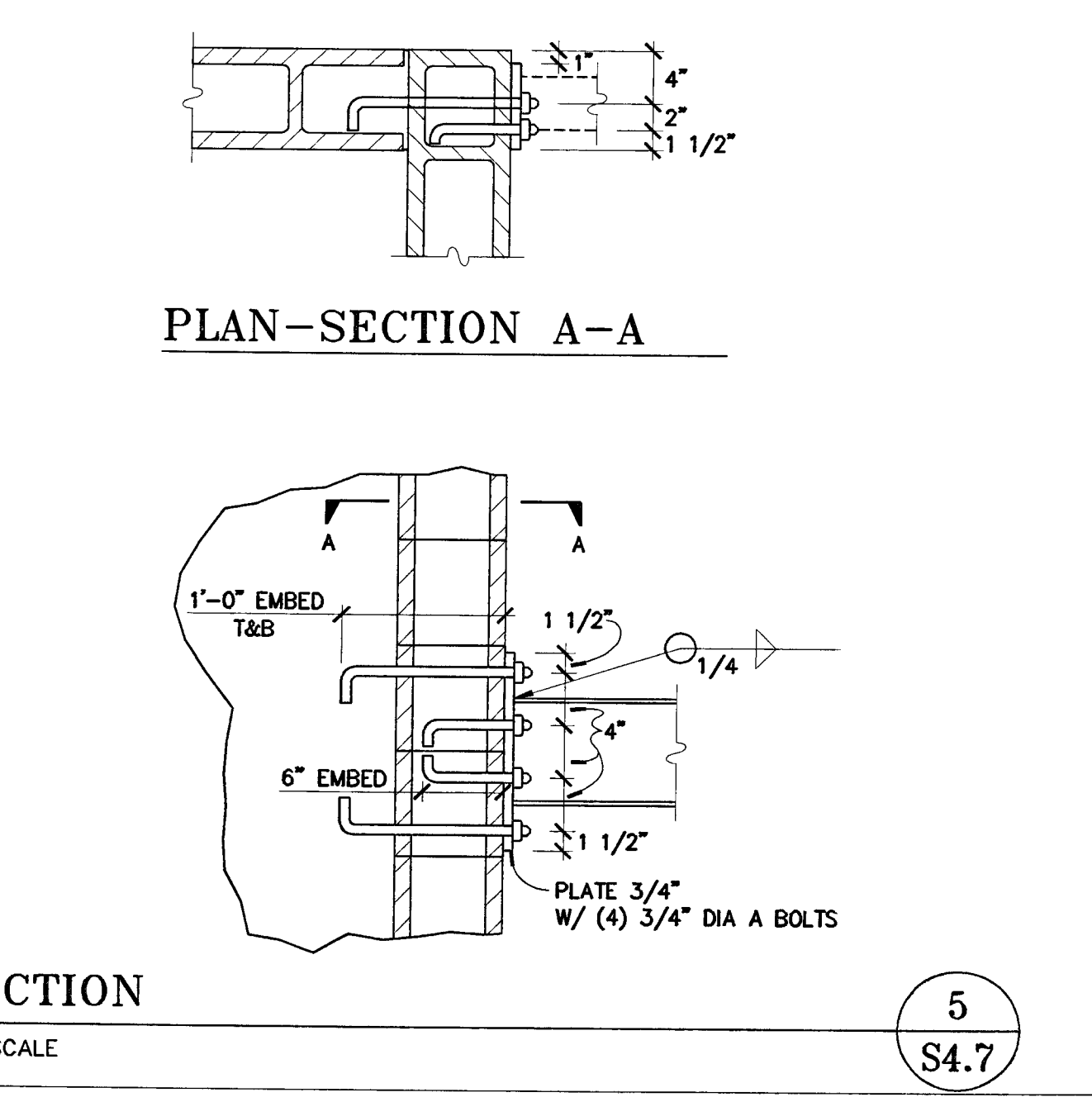
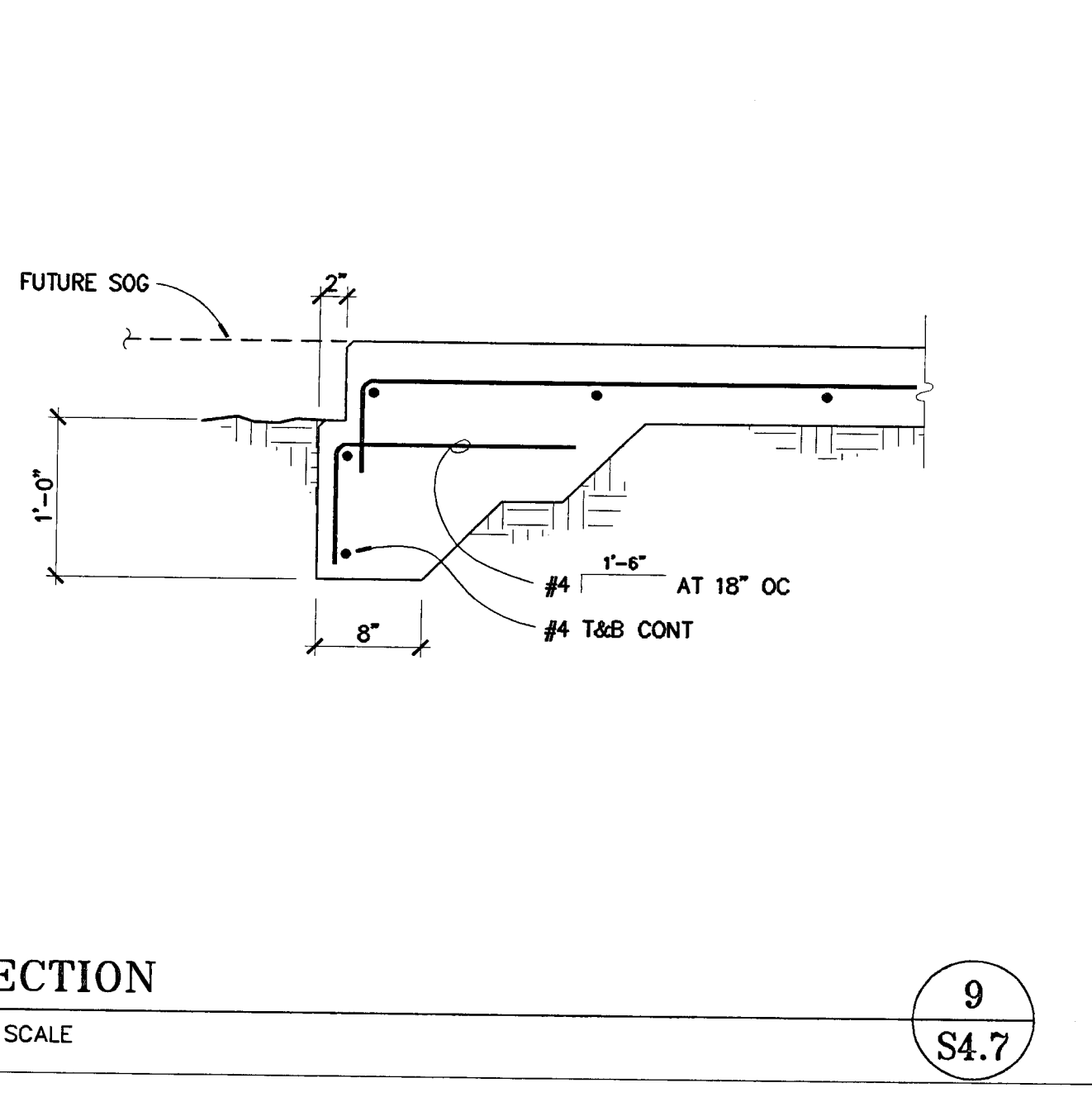
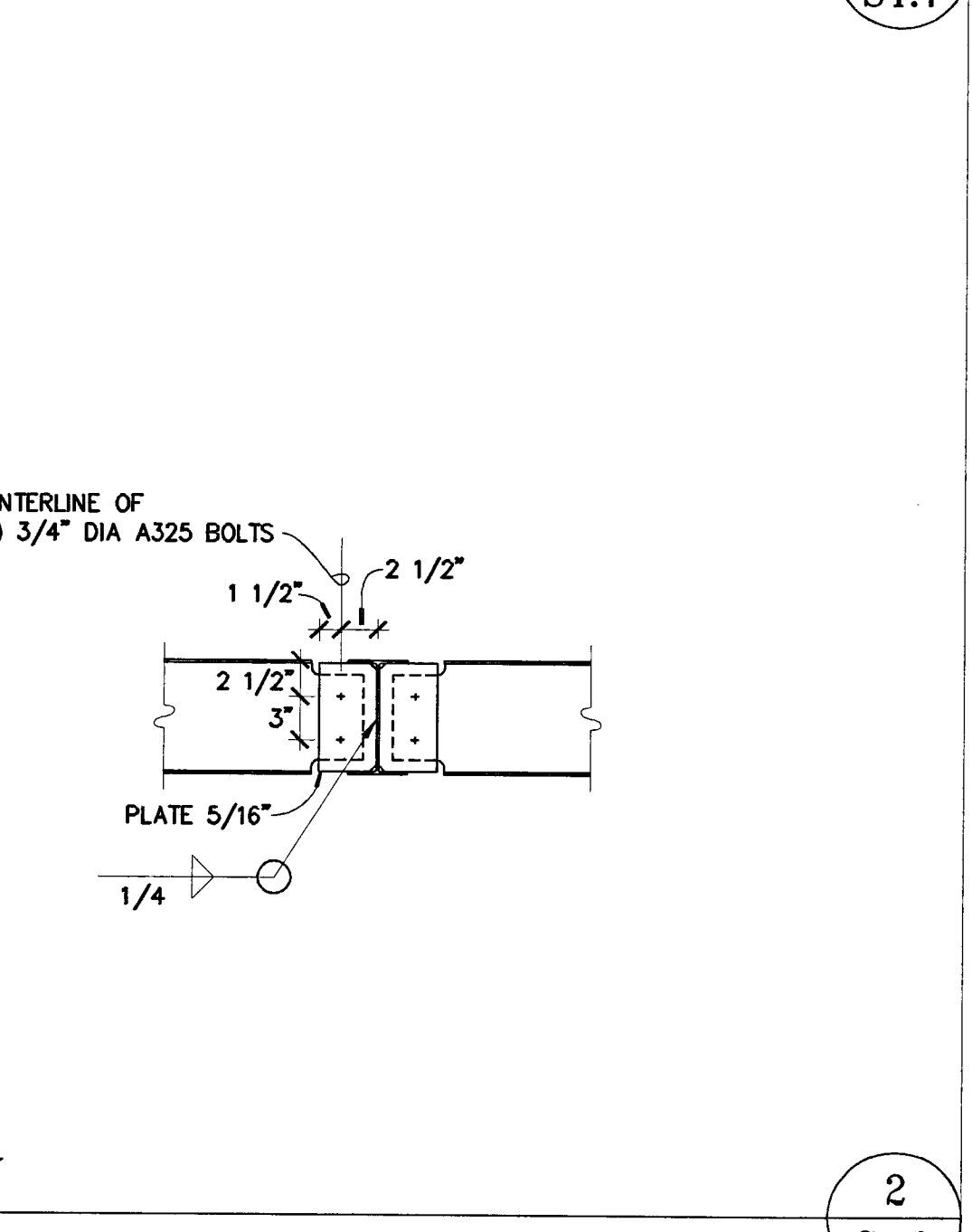
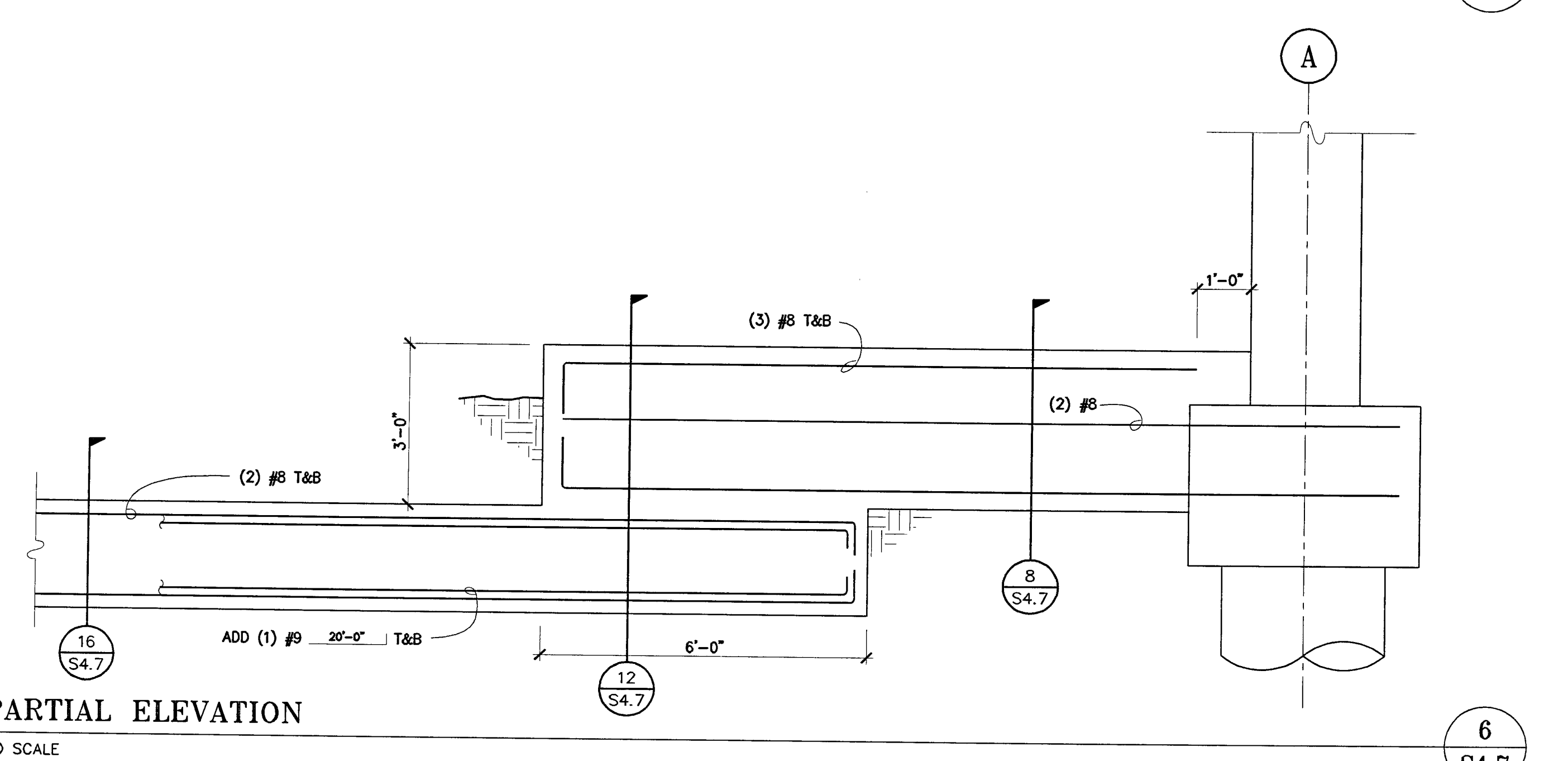
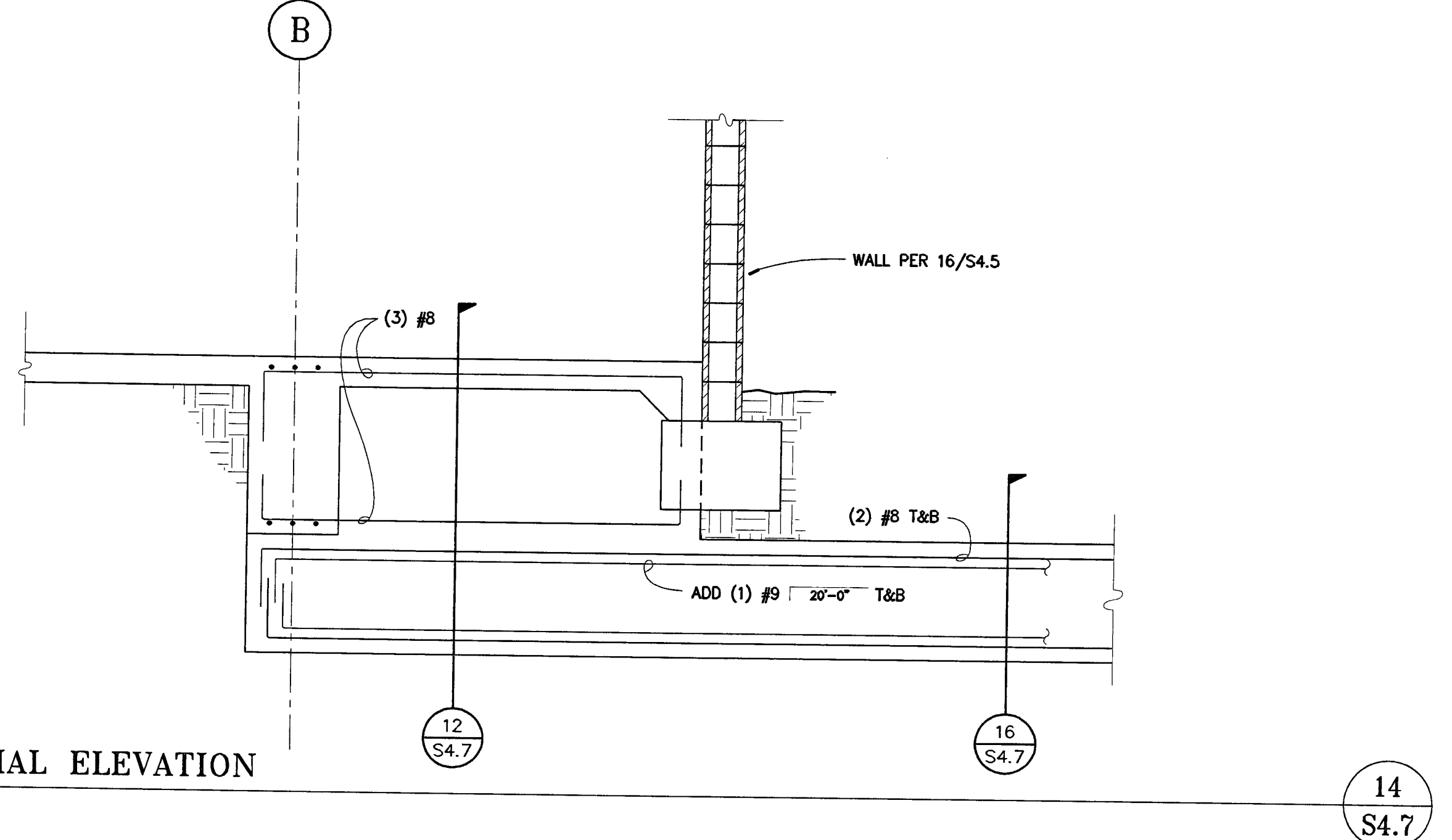
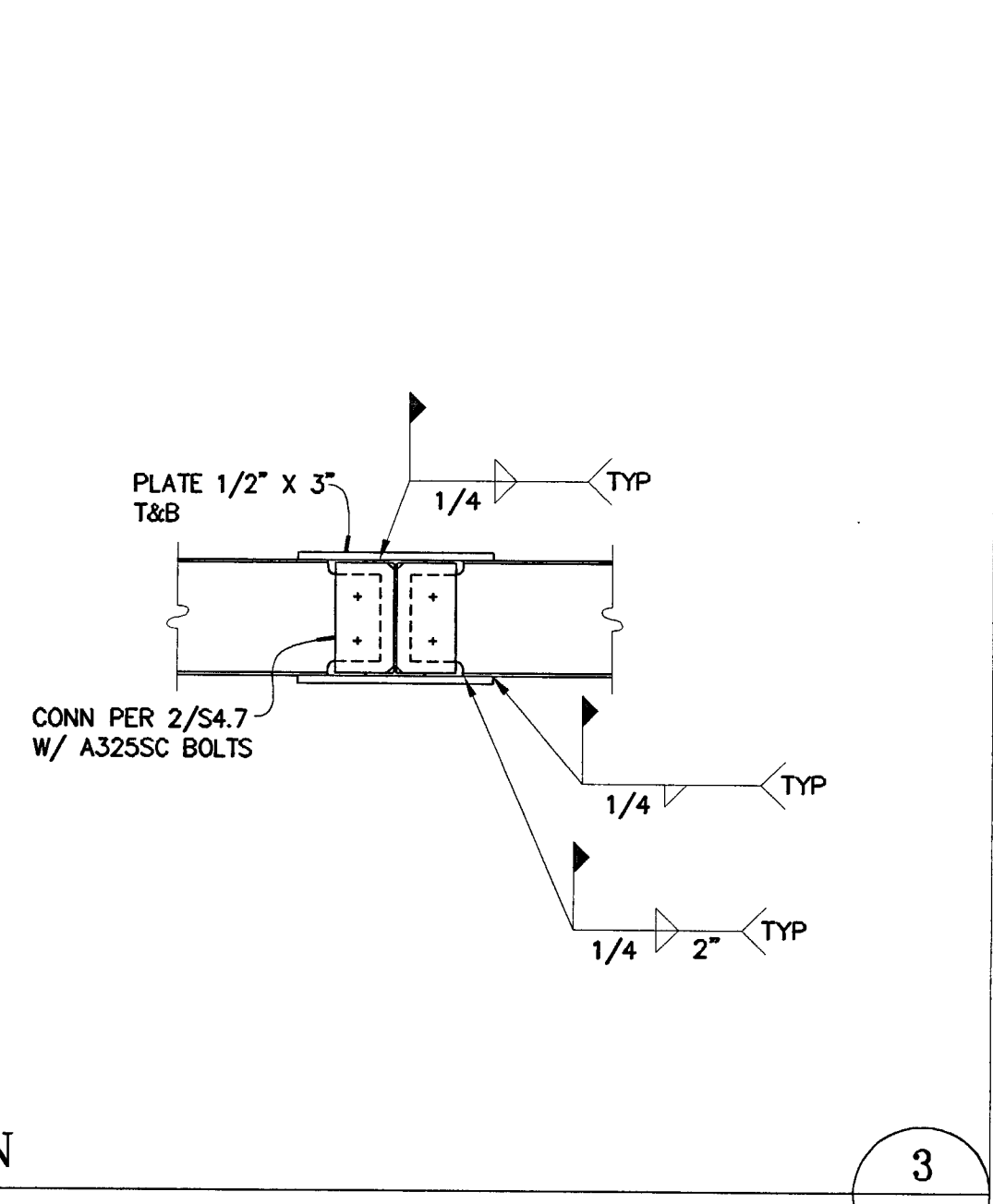
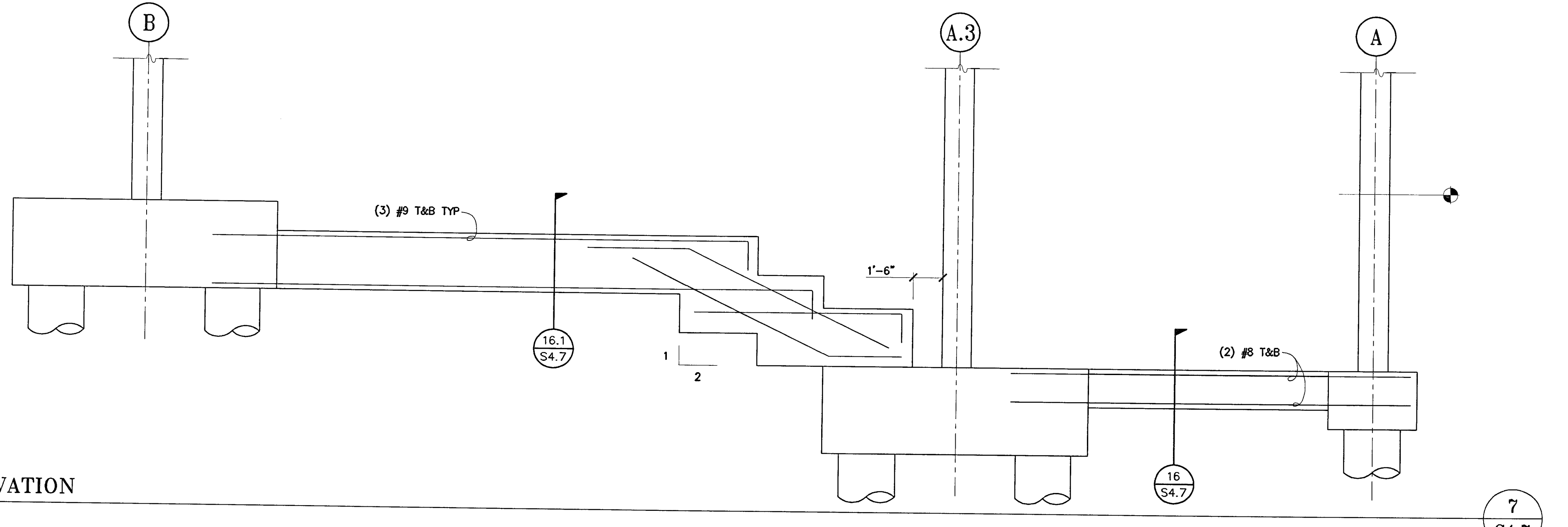
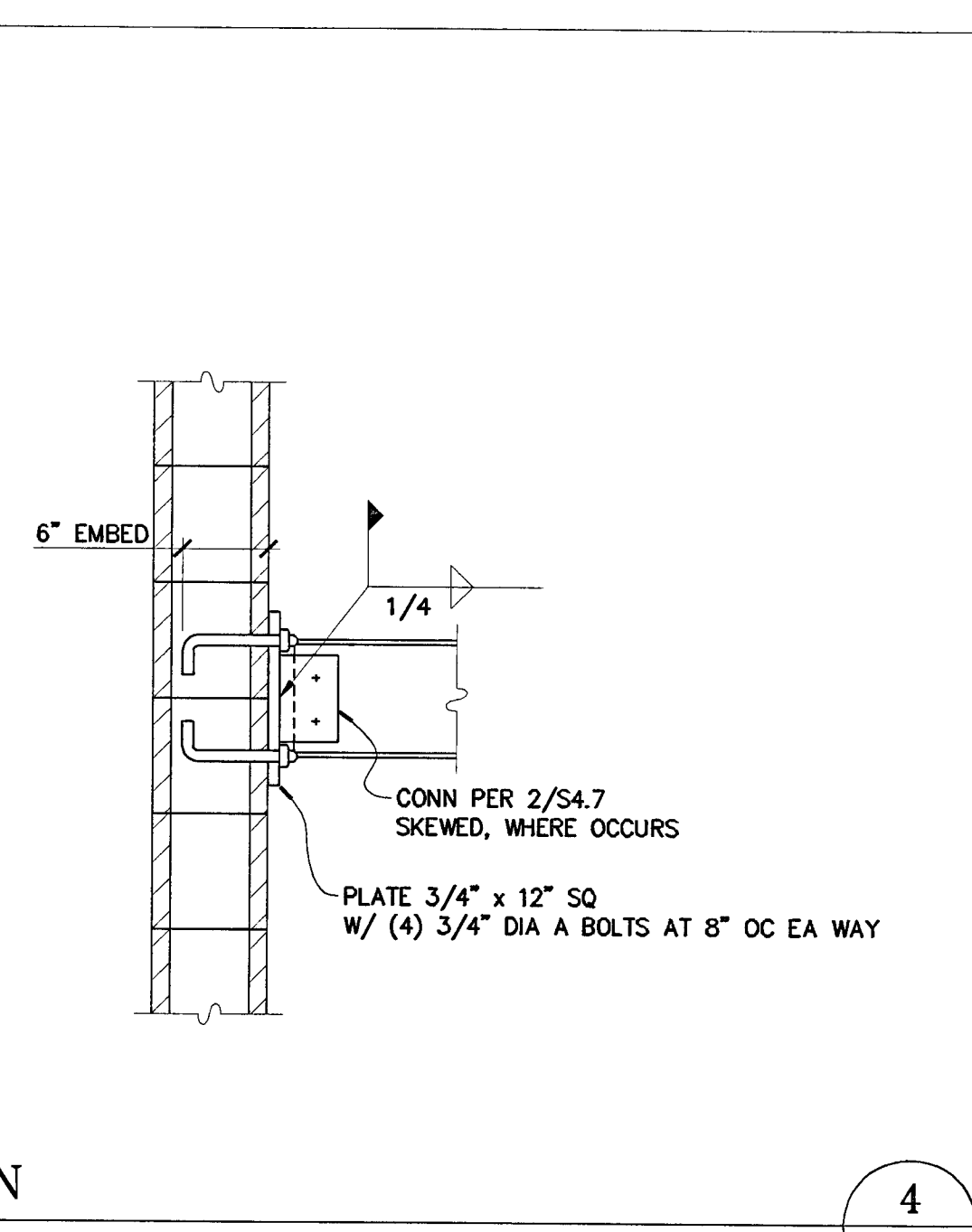
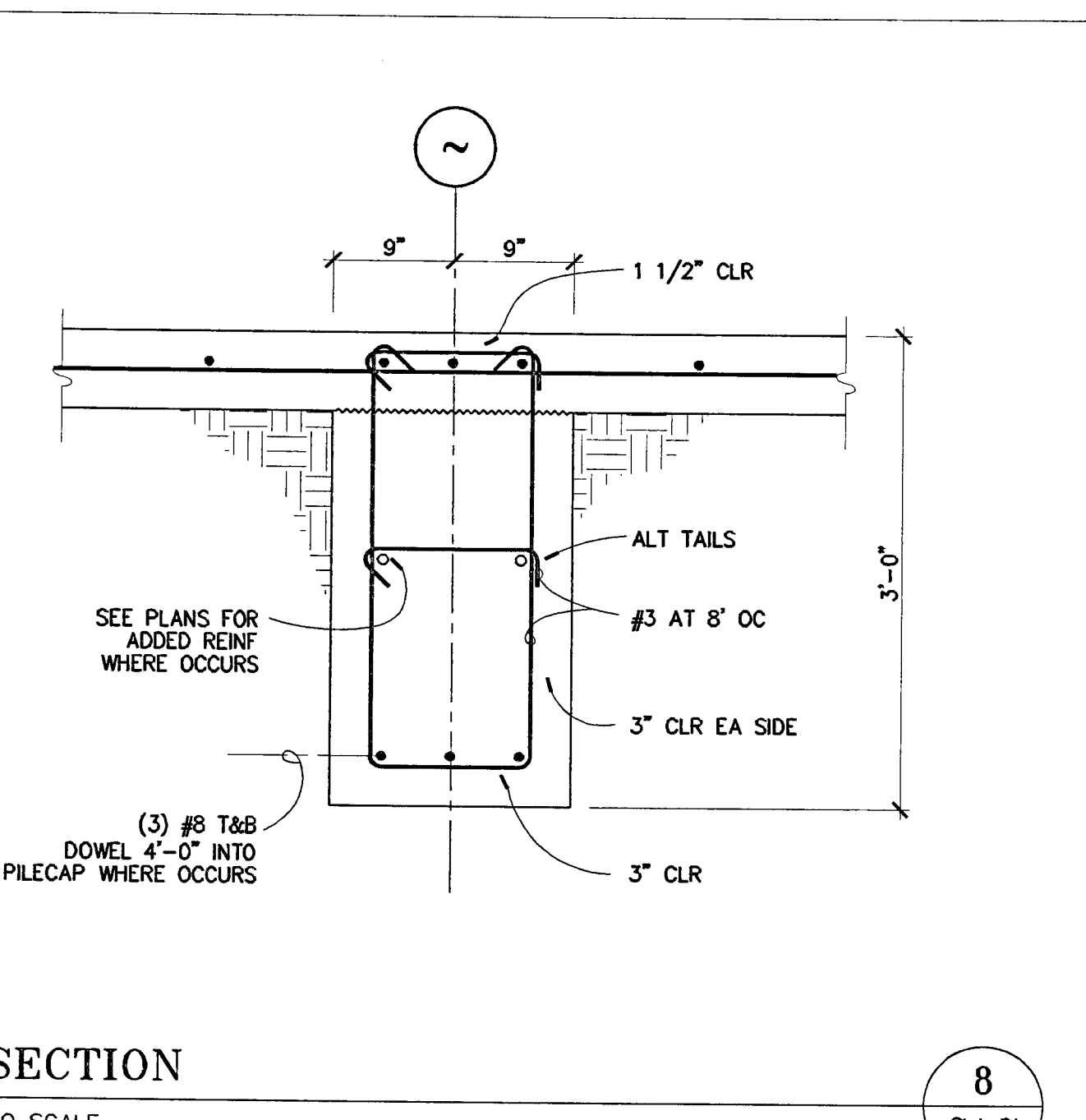
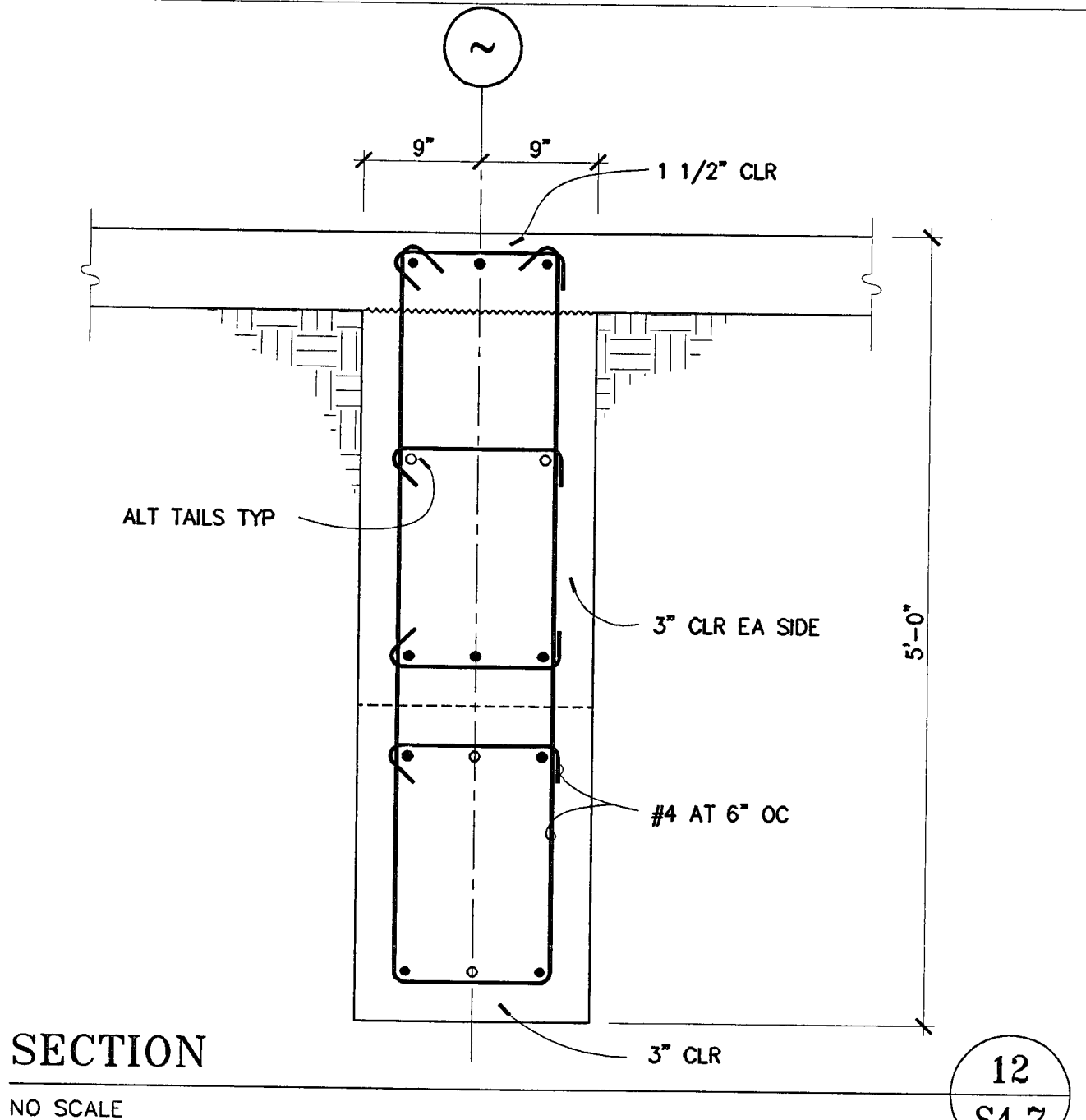
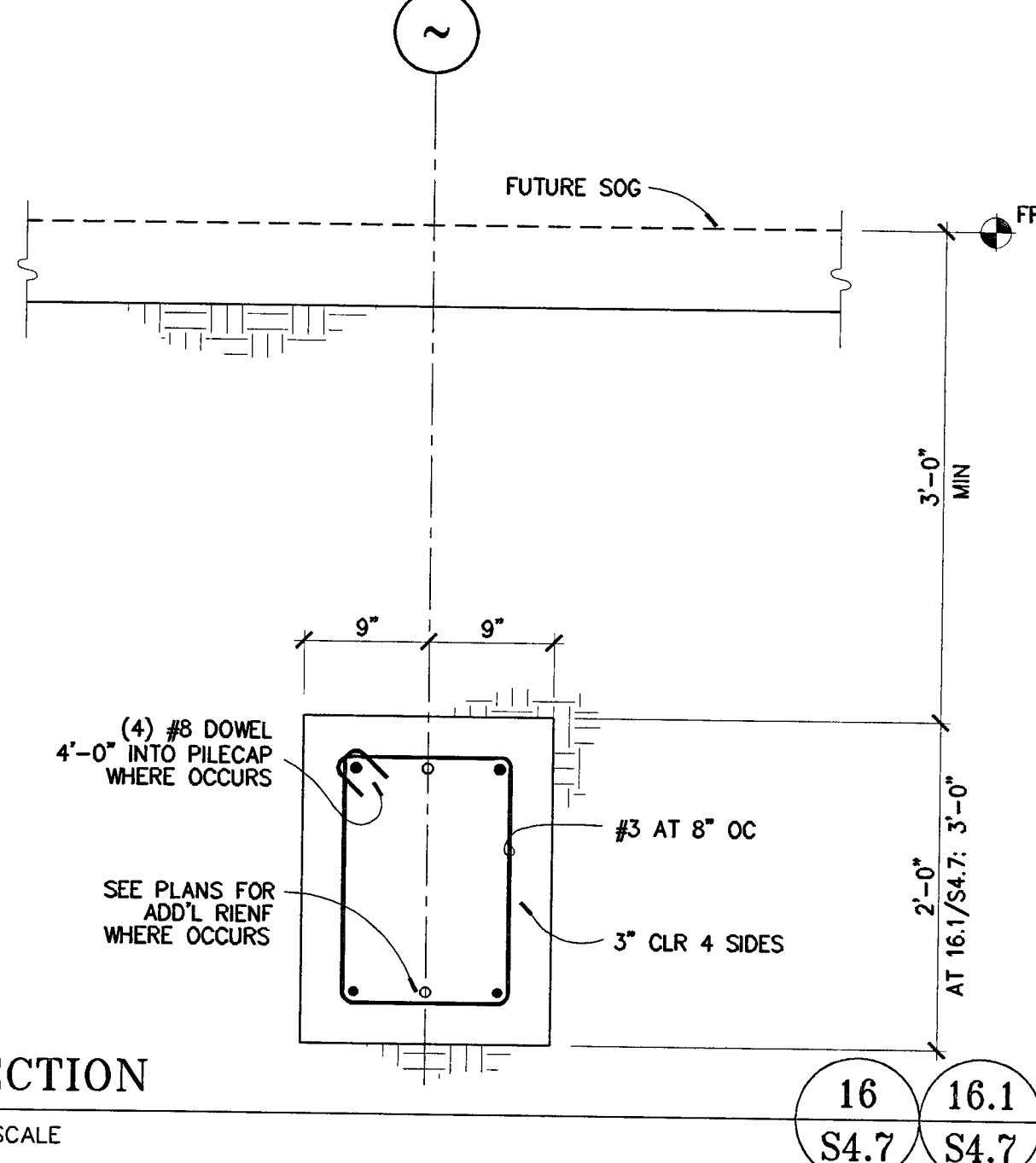
NO SCALE

5  
 S4.6

**ELEVATOR ELEVATION**

NO SCALE

1  
 S4.6



**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA  
 OWNER:  
 City of Stockton  
 DESIGN BUILDER:  
 F&H Construction  
 4945 Waterloo Road  
 Stockton, California 95215  
 209.931.3738

CONSULTANTS:  
 Architect - Parking Consultant  
 HNA / Pacific  
 61 Sea Breeze Avenue  
 Rancho Palos Verdes, California 90275  
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 Siegfried Engineering, Inc.  
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 Stockton, California 95215  
 209.931.9650  
 Electrical Designer - Design/Builder  
 Collins Electrical  
 611 W. Fremont Street  
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 209.466.3691  
 Mechanical Designer - Design/Builder  
 Comfort Air  
 1607 Turnpike Road  
 Stockton, California 95201  
 209.466.4601

BERRYMAN & HENIGAR  
 APPROVED  
 REVISION BY DATE  
 2-28-05 RESPONSE TO PLAN CHECK

BERRYMAN & HENIGAR  
 APPROVED  
 MAR 03 2005



SHEET TITLE  
**DETAILS**

DATE 07/28/04	SCALE 1" = 1'-0"
DRAWN BY MATT	CHECKED BY
DRAWING NO.	SHEET
PROGRAM NO.	R-NO.
DRAWING NO. <b>S4.7</b>	
PROJECT NO. HNA 2319	

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
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 209. 466. 4601

REVIEW  
 JUN 28 2005  
 CITY OF STOCKTON  
 ENGINEERING DEPT.

CONST. DOCUMENTS

REVISIONS:

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SHEET TITLE  
**PLUMBING SITE PLAN**

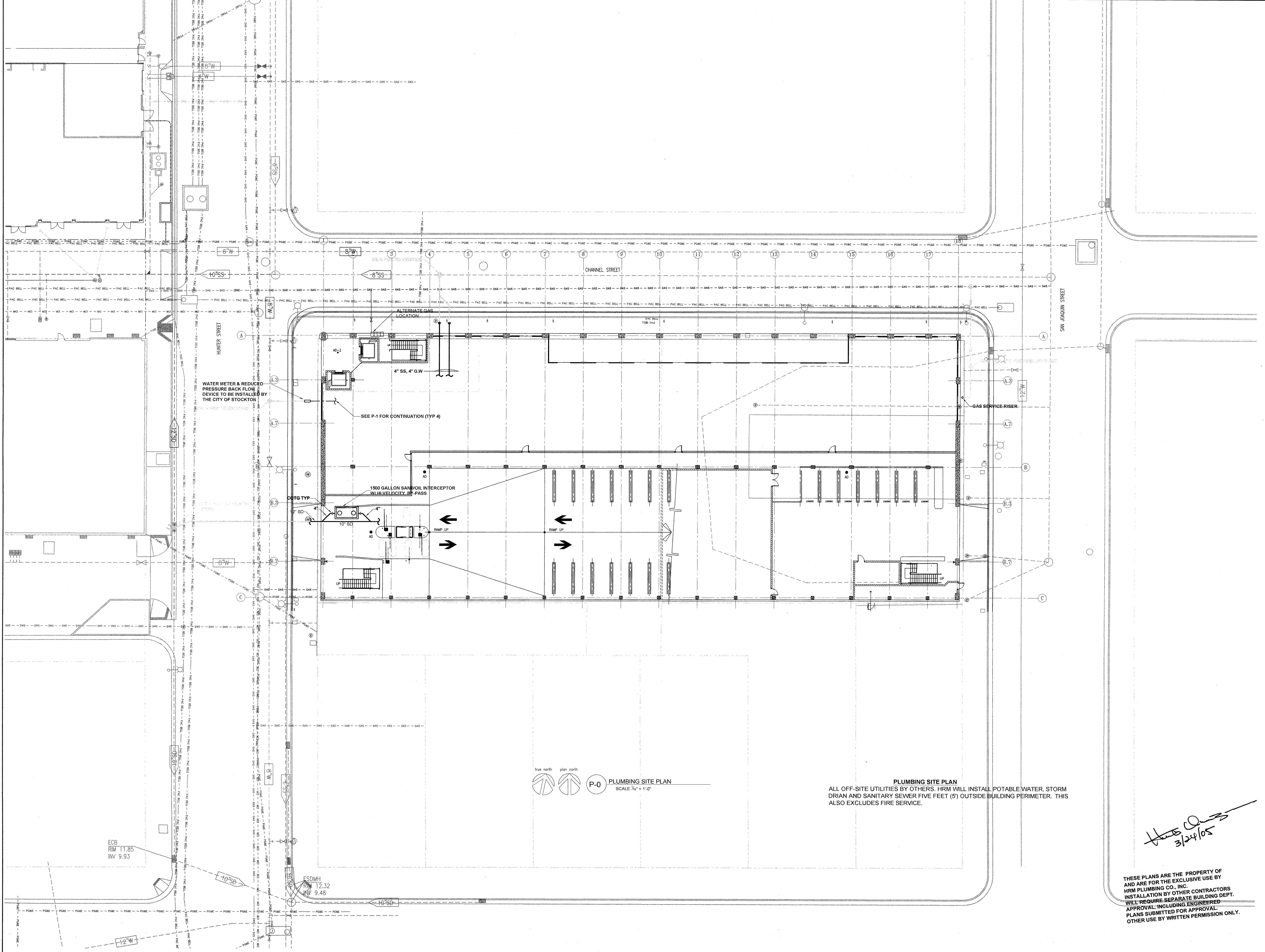
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DRAWING NO.	SHEET
PROGRAM NO.	R.N.O.

DRAWING NO.  
**P-0**

PROJECT NO.  
 HNA 2319

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**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**

STOCKTON, CALIFORNIA

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 City of Stockton

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**Mechanical Designer - Designer/Builder:**  
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 Stockton, California 95201  
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**REVISIONS:**

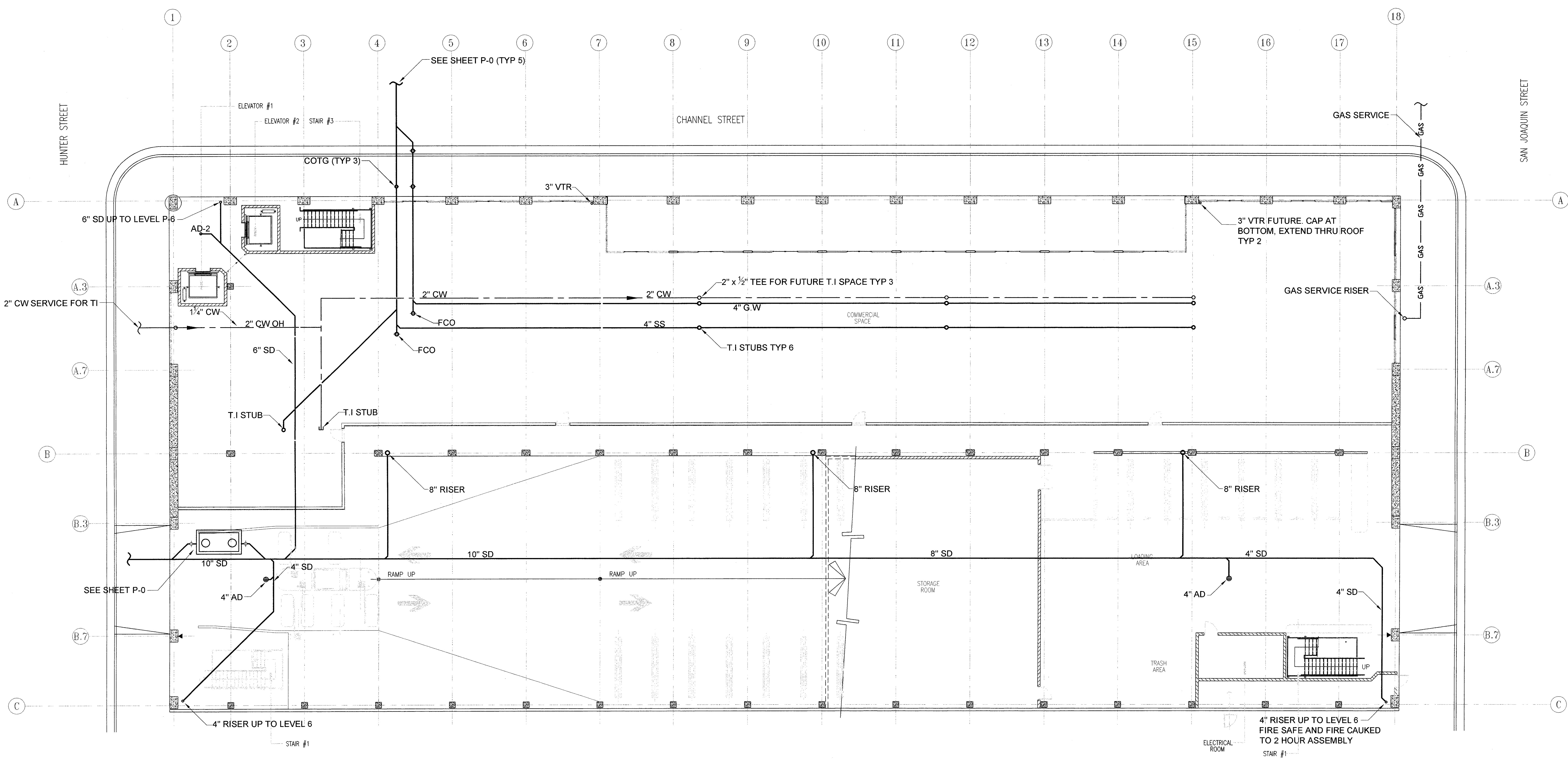
PERMIT SET	

**SHEET TITLE**  
**LEVEL P-1**  
**PLUMBING PLAN**

DATE	SCALE
24, MARCH 2005	3/8" = 1'-0"
DRAWN BY	CHECKED BY
HQDS	
DRAWING NO.	SHEET
PROGRAM NO.	R.NO.

**DRAWING NO.:**  
**P-1**

**PROJECT NO.:**  
 H N A 2319



*Handwritten signature:* Herb Quinz 3/24/05

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true north    plan north

**P-1 LEVEL P-1 PLUMBING PLAN**  
 SCALE: 3/8" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

OWNER:  
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DESIGN BUILDER:  
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Mechanical Designer - Design/Builder  
**Comfort Air**  
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**CONST. DOCUMENTS**

REVISIONS:

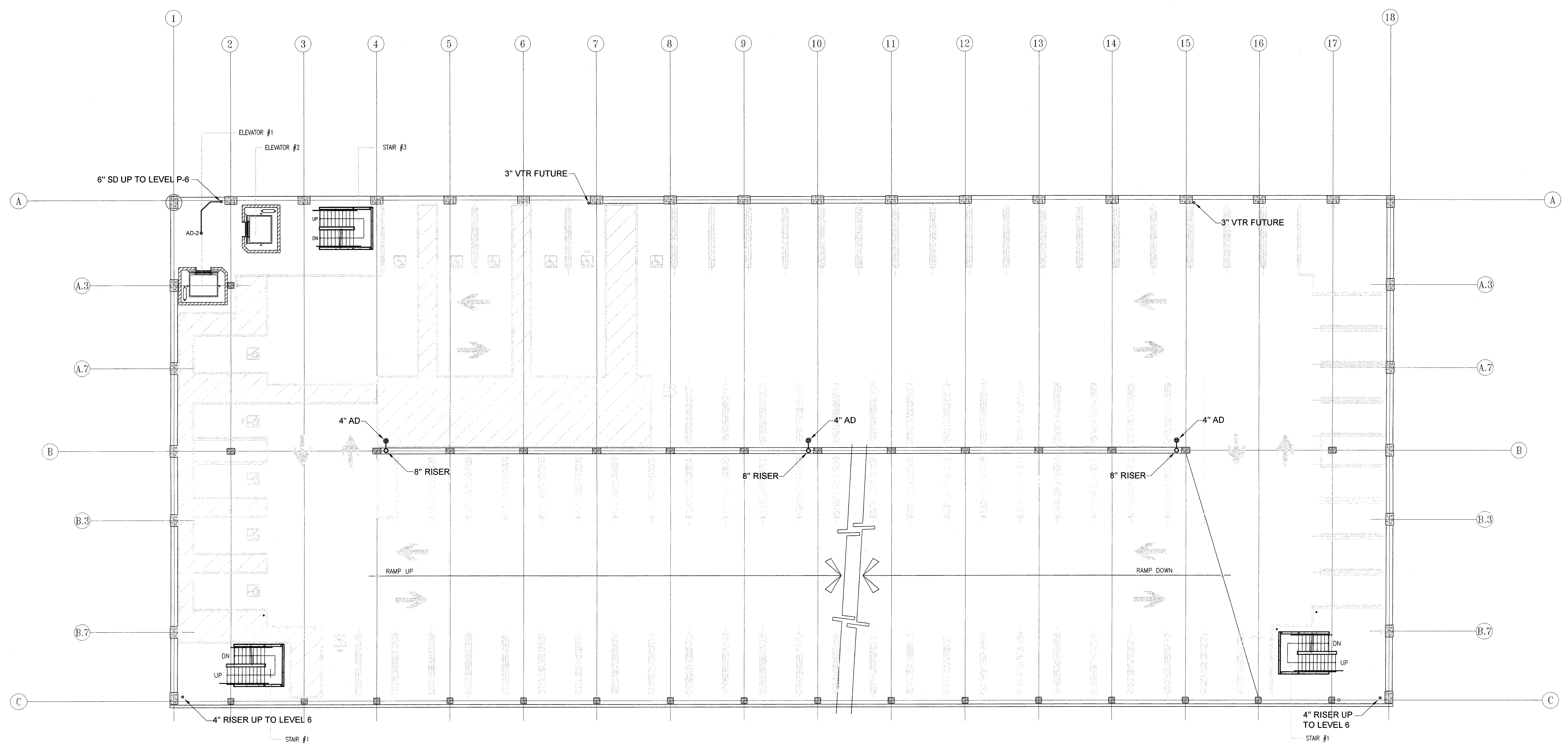
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SHEET TITLE  
**LEVEL P-2 PLUMBING PLAN**

DATE	SCALE
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DRAWN BY	CHECKED BY
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DRAWING NO.	SHEET
PROGRAM NO.	FIG.

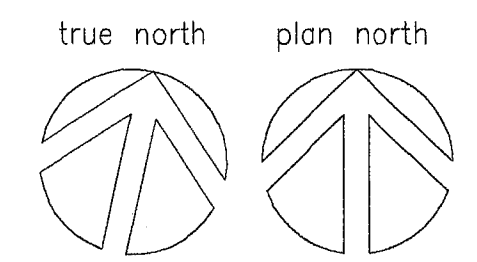
DRAWING NO.  
**P-2**

PROJECT NO.  
**HNA 2319**



*Handwritten signature and date:*  
 Herb O...  
 3/24/05

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**P-2 LEVEL P-2 PLUMBING PLAN**  
 SCALE: 3/32" = 1'-0"

**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

DESIGN BUILDER:  
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Electrical Designer - Designer/Builder  
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REVISIONS:

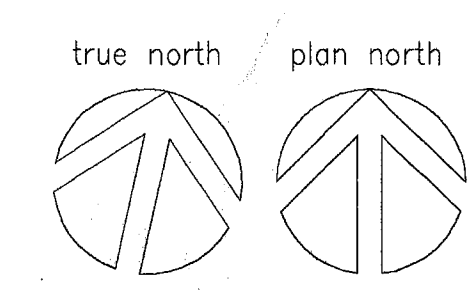
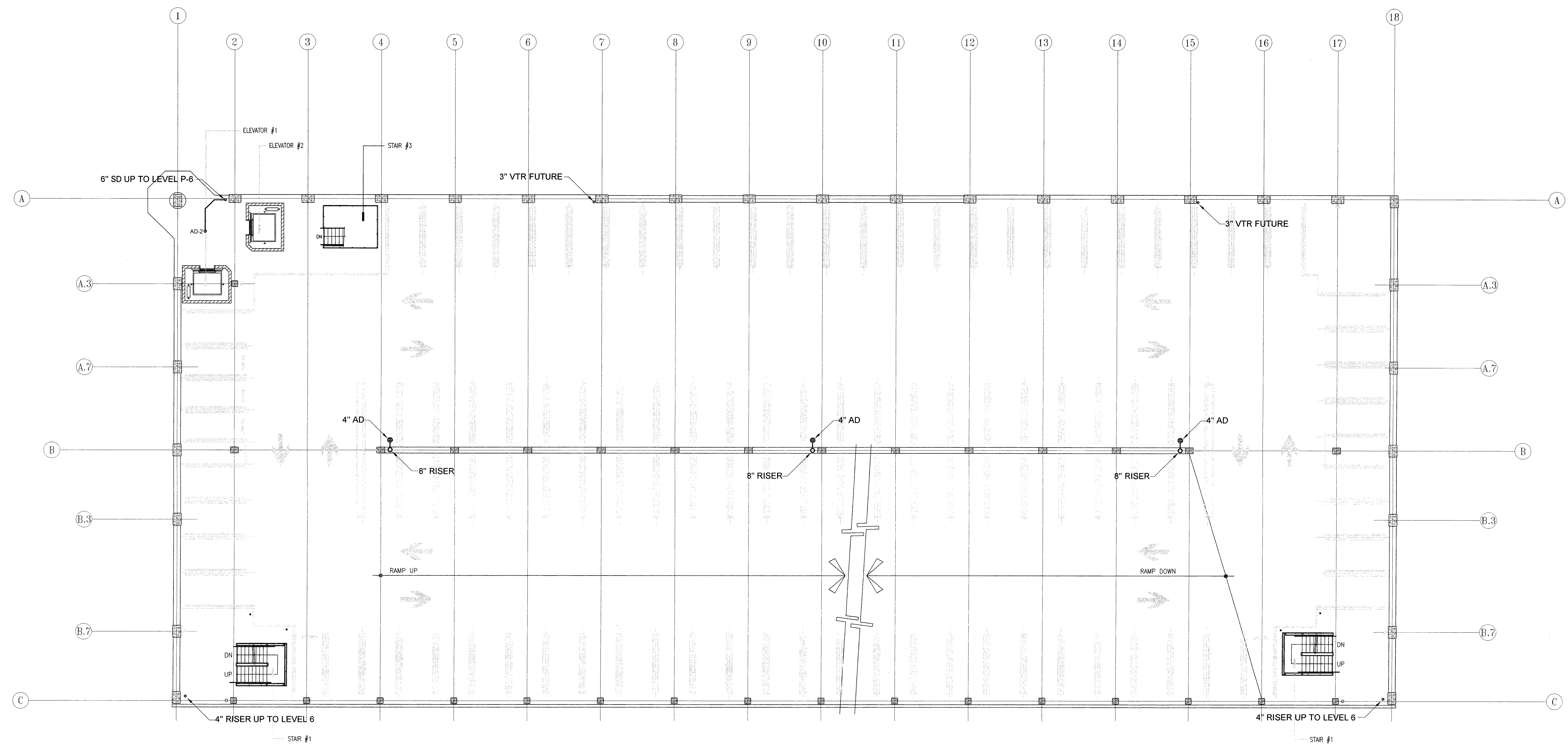
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SHEET TITLE  
**LEVEL P-3 - P-5**  
**(LEVEL 3 THRU 5)**  
**PLUMBING PLAN**

DATE	SCALE
24 MARCH 2005	3/8" = 1'-0"
DRAWN BY	CHECKED BY
HQDS	
DRAWING NO.	SHEET
PROGRAM NO.	R.N.O.

DRAWING NO.  
**P-3**

PROJECT NO.  
**HNA 2319**



**P-3 LEVEL P-3 THRU P-5 PLUMBING PLAN**  
 SCALE: 3/8" = 1'-0"

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 Herb Quigg  
 3/24/05

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**CITY OF STOCKTON**  
**EDMUND S. 'ED' COY**  
**PARKING STRUCTURE**  
 STOCKTON, CALIFORNIA

OWNER:  
 City of Stockton

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 209. 931. 9650

Electrical Designer - Designer/Builder  
**Collins Electrical**  
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 209. 466. 3691

Vertical Designer - Designer/Builder  
**Comfort Air**  
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 Stockton, California 95201  
 209. 466. 4601

CONST. DOCUMENTS

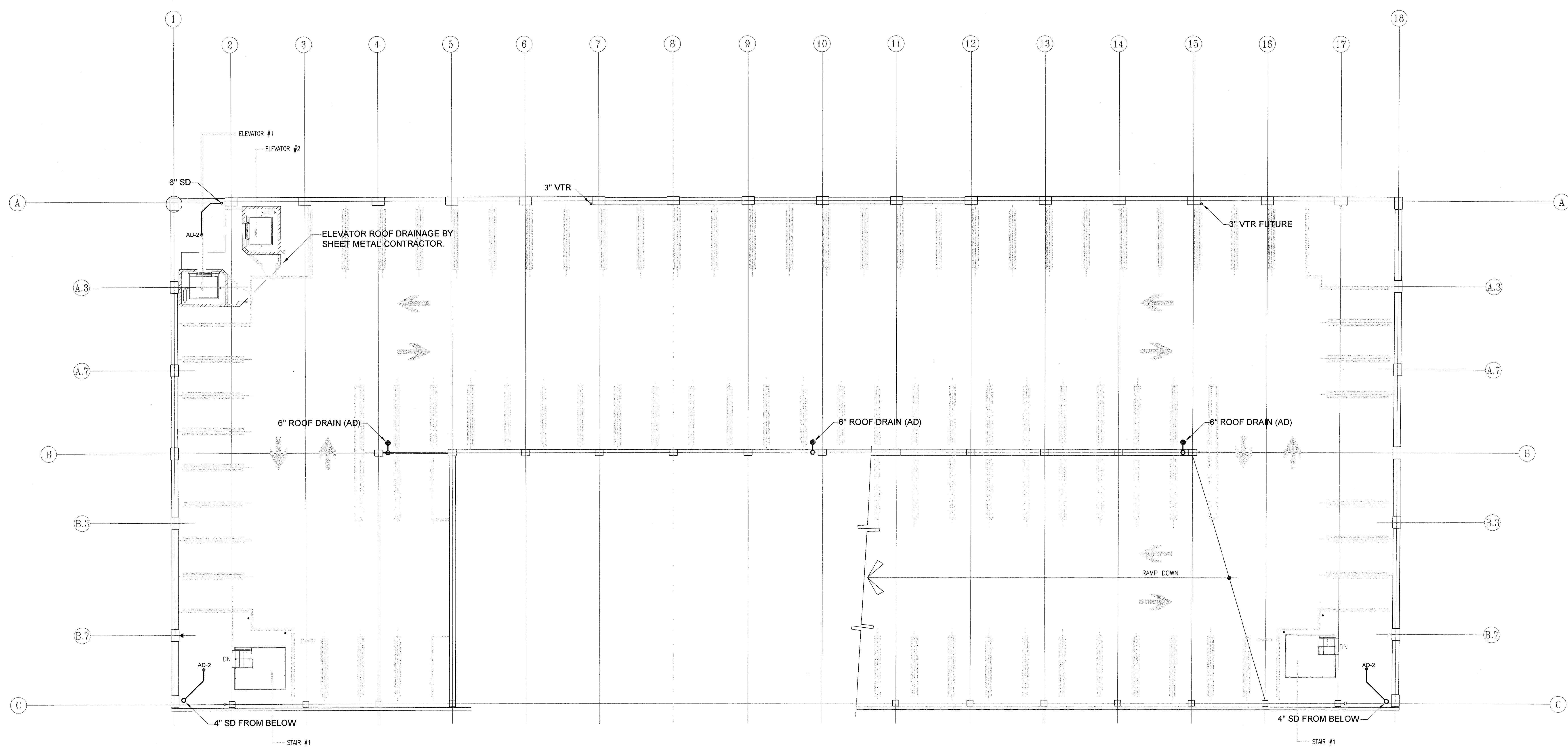
REVISIONS:
PERMIT SET

SHEET TITLE  
**LEVEL P-6**  
**PLUMBING PLAN**

DATE	SCALE
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DRAWN BY	CHECKED BY
HQDS	
DRAWING NO.	SHEET
PROGRAM NO.	RAN.

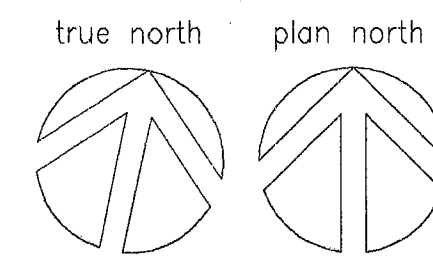
DRAWING NO.  
**P-4**

PROJECT NO.  
 H N A 2319



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 3/24/05

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 INSTALLATION BY OTHER CONTRACTORS  
 WILL REQUIRE SEPARATE BUILDING DEPT.  
 APPROVAL INCLUDING ENGINEERED  
 PLANS SUBMITTED FOR APPROVAL.  
 OTHER USE BY WRITTEN PERMISSION ONLY.



**P-4 LEVEL P-6 PLUMBING PLAN**  
 SCALE: 3/8" = 1'-0"

# CITY OF STOCKTON EDMUND S. 'ED' COY PARKING STRUCTURE

STOCKTON, CALIFORNIA

OWNER:  
City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
4945 Waterloo Road  
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8507 Tunpka Road  
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## CONST. DOCUMENTS

REVISIONS:  
PERMIT SET

SHEET TITLE  
**DETAILS, FIXTURE SCHEDULE & CALCULATIONS**

DATE: 24, MARCH 2005  
SCALE: NONE  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]  
DRAWING NO.: [Blank]  
SHEET: [Blank]  
PROGRAM NO.: [Blank]  
RAND.: [Blank]

DRAWING NO.: **P-5**

PROJECT NO.: HNA 2319

PLUMBING FIXTURE SCHEDULE				
SYMBOL	MAKE & MODEL	DESCRIPTION	TRIM	REMARKS
AD	ZURN Z-534-Y	4" AREA DRAIN		4", 6" NH
AD-2	ZURN Z-415 TYPE "B"	FLOOR DRAIN		
S/O INTCP	JENSEN MODEL 1500EE	SAND & OIL INTERCEPTOR		1500 GALLON W/ HIGH VELOCITY BY-PASS
FCO	ZURN ZN-1400	FLOOR CLEAN OUT		

FIXTURE CONNECTION SIZE									
FIXTURE	SYM	INLET		TRAP	VENT	OUTLET		HOT WATER	
WATER CLOSET (T.M.)	WC	4"	4"		2" x 4"	1/2"	1/2"	1/2"	1/2"
WATER CLOSET (P.V.)	WC	4"	4"		2" x 4"	1/2"	1/2"	1/2"	1/2"
LAVATORY	LAV	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
SINK	S	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
SERVICE SINK	SS	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
DRINKING FOUNTAIN	DF	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
FLOOR DRAIN 2" x 2"	FD	2"	2"	2"	2"	1/2"	1/2"	1/2"	1/2"
HOSE BIB	HB					1/2"	1/2"		

GAS CALCULATION (FUTURE)	
SITE PER TABLE T3.3 UNIFORM PLUMBING CODE	
TOTAL GAS DEMAND	1000 CFH
DEVELOPED LENGTH	N/A

LEGEND		
SYMBOL	ABBR	DESCRIPTION
—	SS	SANITARY SEWER LINE
---	CW	COLD WATER LINE
---	GW	GREASY WASTE LINE
---	SD	STORM DRAIN LINE
---	G	NATURAL GAS LINE
⊕	FCO	FLOOR CLEAN OUT
⊕	COTG	CLEAN OUT TO GRADE
+	HB	HOSE BIB
+	S.O.V	SHUT OFF VALVE
⊗	AD	AREA DRAIN
⊗	FD	FLOOR DRAIN
⊗	P.O.C	POINT OF CONNECTION

AVAILABLE WATER PRESSURE CALCULATION	
1. PRESSURE AVAILABLE AT STREET MAIN	52.00 PSI
2. PRESSURE LOSS DUE TO HEIGHT	65.72 PSI @ 0.434
3. PRESSURE LOST THRU METER	2.10 PSI
4. PRESSURE LOSS THRU OTHER DEVICES (BPP)	N/A PSI
5. TOTAL PRESSURE LOSS	30.10 PSI
6. PRESSURE REQUIRED AT HIGHEST FIXTURE	28.00 PSI
7. PRESSURE AVAILABLE FOR FRICTION LOSS (SUBTRACT LINES 5 & 6 FROM LINE 1)	4.10 PSI
8. TOTAL DEVELOPED LENGTH OF RUN	228.00 FT.
9. MAXIMUM VELOCITY	6.00 FPS
FRICTION LOSS CALCULATION	
FROM LINE 7 (4.1 PSI) x 100 =	1.80 / 100 FT.
FROM LINE 6 (28.0) FT	
AVAILABLE PS: 49.8 PSI @ FIRST LEVEL, 26 PSI @ SIXTH LEVEL	

ROOF DRAINAGE SIZING	
TOTAL ROOF AREA:	38,100 SQ FT
TOTAL OF THREE 6" AREA DRAINS:	45,300 SQ FT
MAXIMUM ALLOWED PER L.P.C.:	4" = 5,300 SQ FT
	6" = 15,100 SQ FT
	8" = 32,800 SQ FT
STORM DRAIN MAIN LINE SIZE:	10" = 58,400 SQ FT
CALCULATED RAINFALL:	2" PER HR.
DRAIN/DOWNSPOUT SIZE:	6" AD LEVEL 1, 4
	8" AD LEVEL 7
VERTICAL STORM DRAIN MAIN LINES:	8" TYP 3
SAND & OIL INTERCEPTOR:	1500 GALLONS
W/ H VELOCITY BY-PASS	
PER 2001 UPC (TABLE 11-2)	

## PLUMBING SPECIFICATIONS

### PART I GENERAL

1.01 GENERAL: THE REQUIREMENTS OF THE GENERAL AND SPECIAL CONDITIONS OF THESE SPECIFICATIONS APPLY TO ALL WORK. THE CONTRACTOR SHALL CONSULT THEM IN DETAIL AND ASSUME ALL OBLIGATIONS OR CONDITIONS THEREIN WHICH AFFECT THIS WORK.

### 1.02 SCOPE OF WORK:

- A. THIS CONTRACTOR SHALL FURNISH ALL PLANT, LABOR, EQUIPMENT, TOOLS, AND SERVICES TO COMPLETE THE PLUMBING WORK AS SHOWN ON THE DRAWINGS AND AS HEREIN AFTER DESCRIBED, READY FOR SERVICE TO THE ENTIRE SATISFACTION OF THE ARCHITECT AND/OR OWNER.
- B. WORK INCLUDED: THE SYSTEMS TO BE INSTALLED CONSIST ESSENTIALLY OF THE FOLLOWING:
1. PLUMBING FIXTURES.
  2. SANITARY SEWER PIPING, WATER PIPING AND STORM DRAIN / RAIN WATER LEADER SYSTEMS.
  3. TRENCHING AND BACK FILL.
  4. TESTING AND ADJUSTMENT OF THE PLUMBING SYSTEM.
  5. OTHER ITEMS AS MAY BE SPECIFIED OR SHOWN ON THE DRAWINGS.

1.03 WORKMANSHIP: WHERE OTHER INSTRUCTIONS ARE NOT GIVEN, EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER AND THE BEST STANDARD PRACTICE FOR THIS TYPE OF WORK.

### 1.04 DRAWINGS

A. THE DRAWINGS FORM A PART OF THIS SPECIFICATION AND CONTRACT, AND ANY WORK OR MATERIAL SHOWN ON THE DRAWINGS AND NOT MENTIONED IN THE SPECIFICATIONS, OR VICE VERSA, SHALL BE EXECUTED THE SAME AS IF SPECIFICALLY MENTIONED IN BOTH. THE WORK SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS HOWEVER, IN CERTAIN INSTANCES, ARRANGEMENTS ARE SCHEMATIC, INDICATING ONLY GENERAL ARRANGEMENTS. SHOULD IT BE NECESSARY TO DEVIATE FROM THE ARRANGEMENT SHOWN IN ORDER TO MEET STRUCTURAL CONDITIONS, SUCH ADDITIONS SHALL BE MADE WITHOUT EXPENSE TO THE OWNER.

### 1.05 RULES, REGULATIONS, AND CODES:

- A. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES, CODES, AND REGULATIONS OF THE FOLLOWING:
1. NATIONAL FIRE PROTECTION ASSOCIATION
  2. PART - 5 T24 CALIFORNIA CODE OF REGULATIONS
  3. RULES OF LOCAL UTILITY
  4. CALIFORNIA MECHANICAL CODE
  5. CALIFORNIA BUILDING CODE
  6. CALIFORNIA PLUMBING CODE
  7. CALIFORNIA ELECTRICAL CODE
- B. RULING AND INTERPRETATIONS OF THE ENFORCING AGENCY WILL BE CONSIDERED PART OF THE REGULATIONS.
- C. NOTHING IN THESE SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE ABOVE AND EXPENSE IN COMPLIANCE WITH THE ABOVE SHALL BE BORNE BY THE CONTRACTOR.

### 1.06 GUARANTEE:

AFTER COMPLETION OF THE INSTALLATION OF EQUIPMENT HEREIN SPECIFIED, THE CONTRACTOR SHALL GUARANTEE SAME AGAINST DEFECTS OF WORKMANSHIP OR MATERIAL FOR A PERIOD OF ONE (1) YEAR IF WITHIN THE SPECIFIED PERIOD FROM THE DATE OF ACCEPTANCE ANY OF THE SYSTEM IS PROVEN TO BE DEFECTIVE IN WORKMANSHIP AND / OR MATERIAL, IT WILL BE ADJUSTED, REPAIRED, OR REPLACED FREE OF CHARGE BY THIS CONTRACTOR.

### MATERIAL ; PIPE :

- A. SANITARY SEWER PIPING INSIDE BUILDING DROPS SHALL BE SERVICE WEIGHT CAST IRON NO-HUB WITH NO-HUB FASTENERS. FIXTURE BRANCHES AND VENTS 2-1/2" AND SMALLER FROM 6" ABOVE GRADE MAY BE DWV COPPER. FITTINGS SHALL BE CAST SERVICE WEIGHT. CONTRACTOR MAY USE APACHE SCHEDULE 40 DWV ABS PIPE AND FITTINGS (ALL AS ALLOWED BY LOCAL CODE).
- B. WATER PIPING BELOW GRADE SHALL BE TYPE K COPPER. WATER PIPING ABOVE GRADE SHALL BE TYPE L COPPER. OUTSIDE BUILDING MAY BE SCHEDULE 80 PVC AND FITTINGS AND MANVILLE BLUE BRUT TYPE TRX-27 INSTALLED PER MANUFACTURERS INSTRUCTIONS.
- C. NATURAL GAS AND FUEL OIL PIPING SHALL BE SEAMLESS OR LAP WELDED BLACK STEEL, 125 PSIG WORKING PRESSURE. FITTINGS SHALL BE 125 PSIG TO SUIT PIPING FOR NATURAL GAS FUEL. STEEL PIPE BURIED BELOW GRADE SHALL HAVE AN APPLIED HIGH DENSITY POLYETHYLENE WRAP, XTRU-COAT, OR EQUAL, APPLIED AND INSTALLED ALL PER THE MANUFACTURERS INSTRUCTIONS.
- D. SITE GAS SHALL BE ASTM 2408 POLY FUSION PVC GAS W / BUTT FUSION FITTINGS.

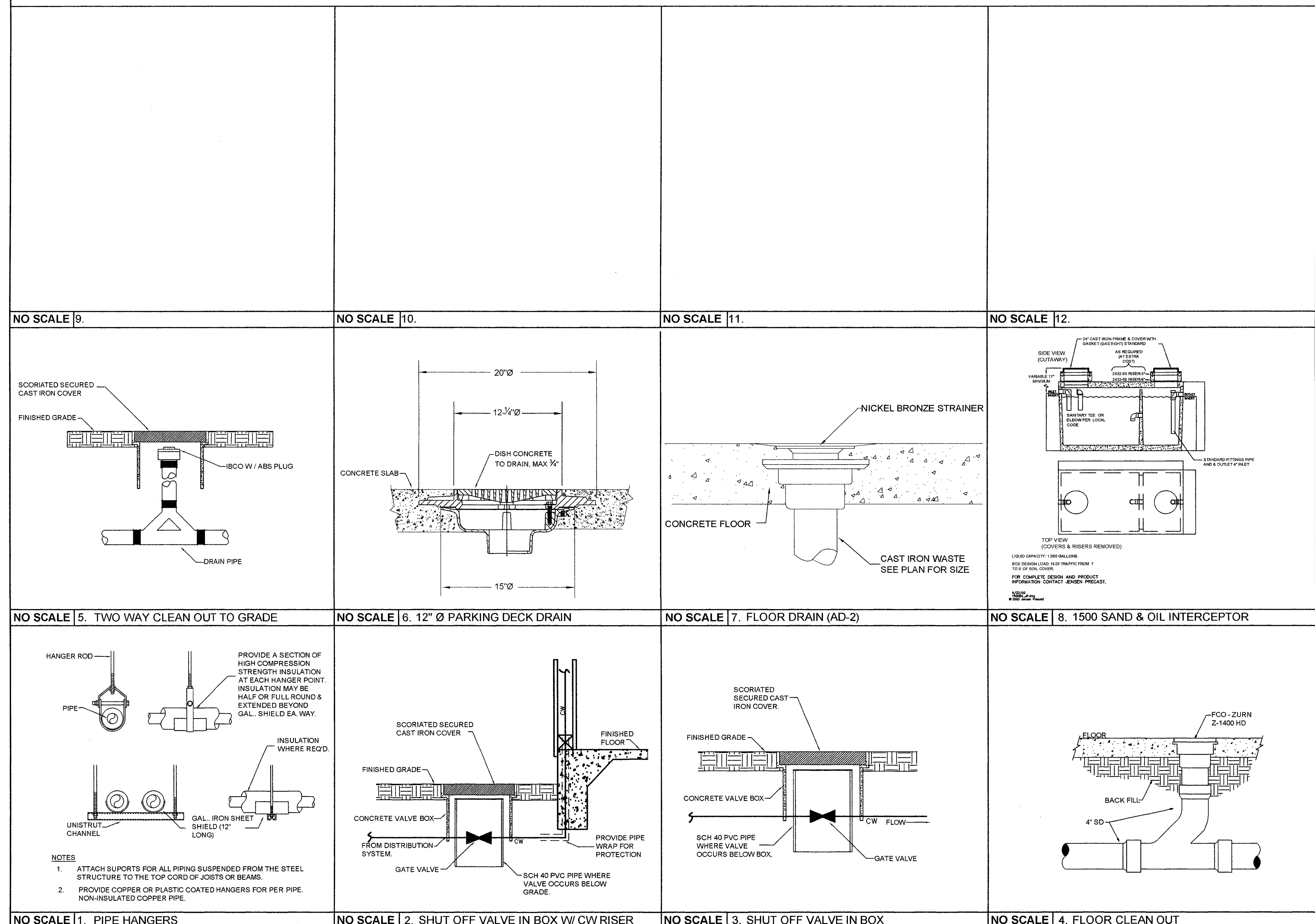
### EXECUTION

3.01 FRAMING, CUTTING AND PATCHING: SPECIAL FRAMING RECESSES, CHASES, AND BACKING FOR WORK OF THIS SECTION, UNLESS OTHERWISE SPECIFIED, IS COVERED UNDER OTHER SECTIONS. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PLACEMENT OF ALL PIPE SLEEVES, HANGERS, AND SUPPORTS AND LOCATION OF THE OPENINGS FOR WORK OF THIS SECTION.

### 3.02 EXCAVATION AND BACK FILL:

- A. THIS CONTRACTOR SHALL DO ALL EXCAVATING REQUIRED FOR THE INSTALLATION OF ALL PIPING AND OTHER WORK THAT APPLIES TO THE WORK OF THIS CONTRACTOR INDICATED ON THE DRAWINGS.
- B. EXCAVATION SHALL BE OF OPEN VERTICAL CONSTRUCTION OF SUFFICIENT WIDTH TO PROVIDE FREE WORKING SPACE AT BOTH SIDES OF THE TRENCH AND AROUND THE PIPE AS REQUIRED FOR JOINING, BACK FILL AND COMPACTING. WHERE INVERT ELEVATIONS ARE NOT SHOWN, TRENCHES SHALL BE DUG TO SUFFICIENT DEPTH TO GIVE A MINIMUM OF SIX INCHES (6") OF FILL ABOVE THE TOP OF PIPING, MEASURED FROM THE UNDERSIDE OF THE CONCRETE SLAB.
- C. METHOD OF COMPACTION SHALL BE AS DIRECTED BY PROJECT INSPECTOR. BACKFILL SHALL BE COMPACTED TO THE ORIGINAL DENSITY OF THE SOIL BEFORE EXCAVATION OR TO 90%.

3.03 WATER SYSTEM STERILIZATION: AFTER FLUSHING ENTIRE WATER SYSTEM FROM NEW POINTS OF CONNECTION SHALL BE STERILIZED BEFORE BEING TURNED OVER TO THE OWNER FOR USE. SLOWLY FILL SYSTEM WITH WATER AND ADD CHLORINE CHEMICAL AGENT TO PRODUCE A MINIMUM OF 50 PPM OF CHLORINE IN ENTERING WATER. TREATED WATER SHALL BE RETAINED IN PIPE OVERNIGHT. CHLORINE RESIDUAL AT PIPE EXTREMITIES SHALL BE AT LEAST 5 PPM AT END OF THIS TIME. SHOULD CHLORINE RESIDUAL BE LESS THAN THIS AMOUNT, PIPE SHALL BE RE-CHLORINATED.



THESE PLANS ARE THE PROPERTY OF  
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**HRM PLUMBING CO., INC.**  
INSTALLATION BY OTHER CONTRACTORS  
WILL REQUIRE SEPARATE BUILDING DEPT.  
APPROVAL, INCLUDING ENGINEERED  
PLANS SUBMITTED FOR APPROVAL.  
OTHER USE BY WRITTEN PERMISSION ONLY.

NOTES:  
 GARAGE VENTILATION-CALIFORNIA BUILDING CODE SECTION 1202.2.7 ALTERNATE METHOD  
 1. GARAGE EXHAUST AREA P-1 = 31 VEHICLES  
 VENTILATION RATE = NO. OF CARS X 2.5% X 14,000 CFM (14,000 MIN.)  
 31 CARS X 0.025 X 14,000 = 10,850 CFM  
 USE AND EXHAUST SYSTEM W/CAPACITY OF 10,850 CFM  
 2. GARAGE EXHAUST AREA II  
 VENTILATION RATE = NO. OF CARS X 2.5% X 14,000 CFM (14,000 MIN.)  
 9 CARS X 0.025 X 14,000 = 3,150 CFM  
 USE AN EXHAUST SYSTEM W/CAPACITY OF 3,150

CARBON MONOXIDE MONITORING CONTROL SYSTEM-  
 SINGLE FAN CONTROL ZONE / ONE SENSOR. A SYSTEM FOR PUBLIC PARKING AREA I AND A SYSTEM FOR PRIVATE PARKING AREA II WILL BE REQUIRED.  
 BOTH SYSTEMS WILL BE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION. TO COMPLY WITH 2001 UNIFORM BUILDING CODE 1202.2.7

EXHAUST FAN SCHEDULE							
MARK	MAKE MODEL	DESC.	CAPACITY CFM	ELECTRICAL CHARACTERISTICS	ACCESSORIES CONTROLS	DP W/	
EF-1	GREENHECK CUBE-420-50	ROOF EX. FAN	14000	125 1725/17.0	5HP 460/3/60	DISCONNECT @ (1)	578#
EF-2	PENN WFX10RL	WALL EX. FAN	150	0.5 1281/5.0	1/2HP 115/1/60	LINE VOLTAGE T-STAT WIRED BY G.C.	32#

AC UNIT AND FAN SCHEDULE							
MARK	MAKE MODEL	DESC.	CAPACITY CFM	CIRCUIT BREAKER	ELECTRICAL CHARACTERISTICS	ACCESSORIES CONTROLS	DP W/
AC-1	FRIEDRICH XG10L10	SIDE WALL ROOM AC	180	10 115 9	125V - 15A	FRAMED OPENING 20"WIDE X 14 3/4"HIGH	76#
AC-2	FRIEDRICH XG10L10	SIDE WALL ROOM AC	180	10 115 9	125V - 15A	FRAMED OPENING 20"WIDE X 14 3/4"HIGH	76#

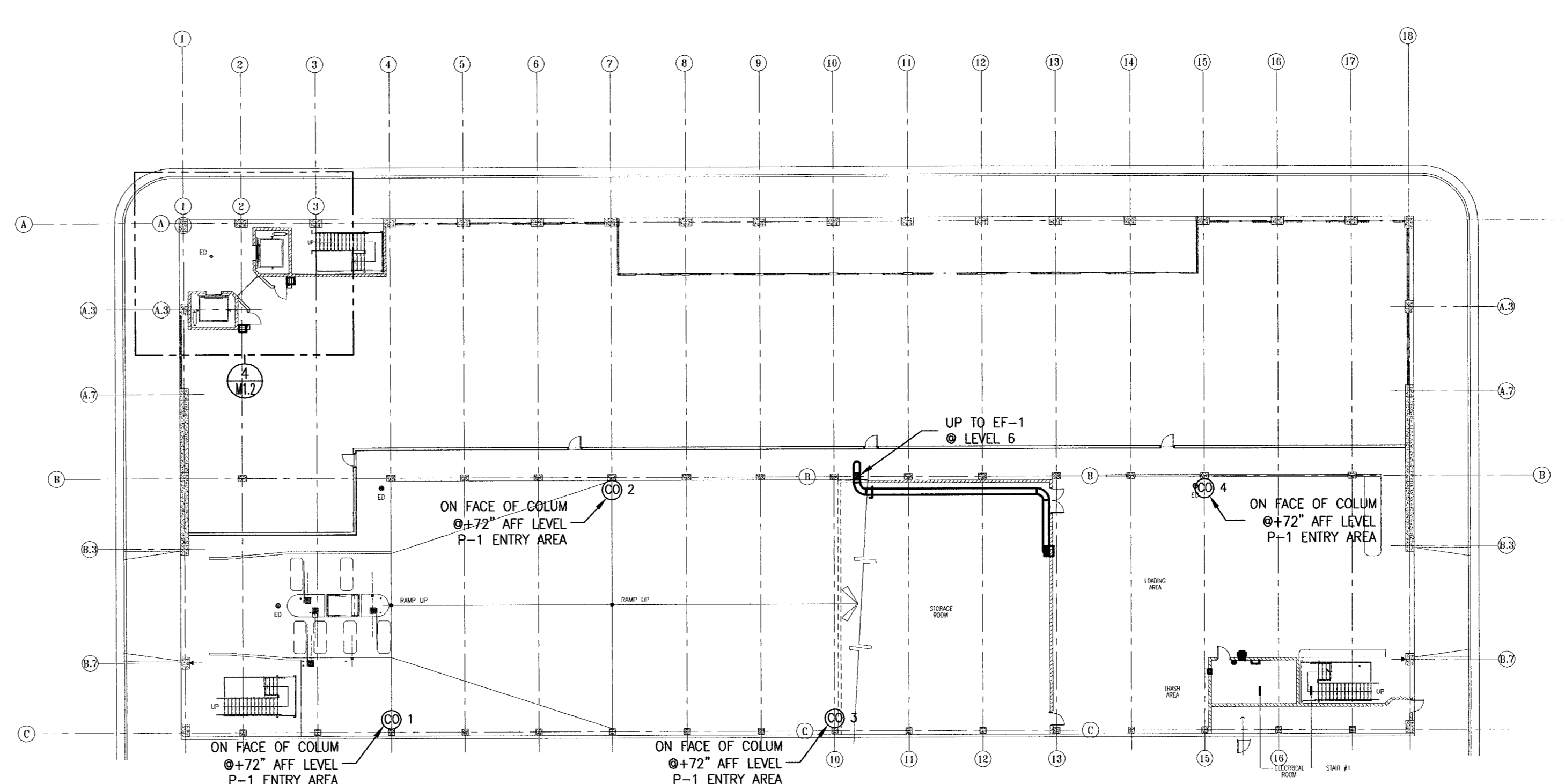
- ① - 24 GA. GI SPIRAL PIPE
- ② - STARTER TO BE FURNISHED BY ELECTRICAL CONTRACTOR
- ③ - DVP-12, CO SENSOR PANEL, SEE DETAIL. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ALL REQUIRED CONDUIT-MECHANICAL CONTRACTOR TO FURNISH CONTROL WIRE
- ④ - FAN MOTOR TO BE OUT OF THE AIR STREAM. THE FAN WHEEL & HOUSING SHALL BE OF ALL ALUMINUM AND BE (SPARK PROOF) CONSTRUCTION. PER UMC-503.1, 503.2.
- ⊖ - CARBON MONOXIDE SENSORS
- ⊖ - LINE VOLTAGE THERMOSTAT 120 VAL (COOLING)
- ⊖ - 2 HR FIRE DAMPER
- ⊖ - MVD MANUAL VOLUME DAMPER

CARBON MONOXIDE MONITORING AND FAN CONTROL SYSTEM SINGLE FAN CONTROL ZONE/MULTI-SENSOR:  
 ENMET CANADA GAS-ALERT SERIES DETECTION SYSTEM, OR APPROVED EQUAL, SHALL BE CAPABLE OF SINGLE ZONE FAN CONTROL WITH AS MANY AS 20 SENSOR STATIONS, AND SUITABLE FOR ONE-MAN CALIBRATION. ALL SENSORS SHALL BE CONNECTED IN A PARALLEL "CHAIN" USING 16 GAUGE, 3 WIRE CABLE TO MINIMIZE CONTROL WIRING AND CONDUIT AND BE LOCATED AS SHOWN IN THE DRAWINGS.  
 SENSORS SHALL BE PRE-CALIBRATED, LOW VOLTAGE, ELECTROCHEMICAL TYPE WITH A MINIMUM 3 YEAR SENSOR LIFE. EACH REMOTE SENSOR TO FEATURE LOCAL LED INDICATORS FOR HIGH AND LOW ALARM, POWER "ON", AND SENSOR FAULT.  
 CENTRAL CONTROL PANEL SHALL CONTAIN ZONE LED INDICATORS FOR HIGH AND LOW ALARM, POWER "ON", SENSOR FAULT AND WIRE BREAK. SYSTEM SHALL "FAIL SAFE" AND ACTIVATE VENTILATION EQUIPMENT AND PANEL MOUNTED AUDIBLE ALARM. ZONE CARD SHALL CONTAIN 10 AMP DPDT ADJUSTABLE TIME DELAY RELAYS FOR BOTH HIGH AND LOW ALARM.  
 SYSTEM SHALL HAVE SENSOR FAULT INDICATION AT EACH SENSOR AND THE MAIN CONTROL PANEL. A SEPARATE RELAY SHALL BE PROVIDED FOR INTERLOCKING AN OPTIONAL REMOTE SENSOR FAULT ALARM. POWER SUPPLY TO BE 115 VAC/60 HZ WITH OPTIONAL 24 VDC.

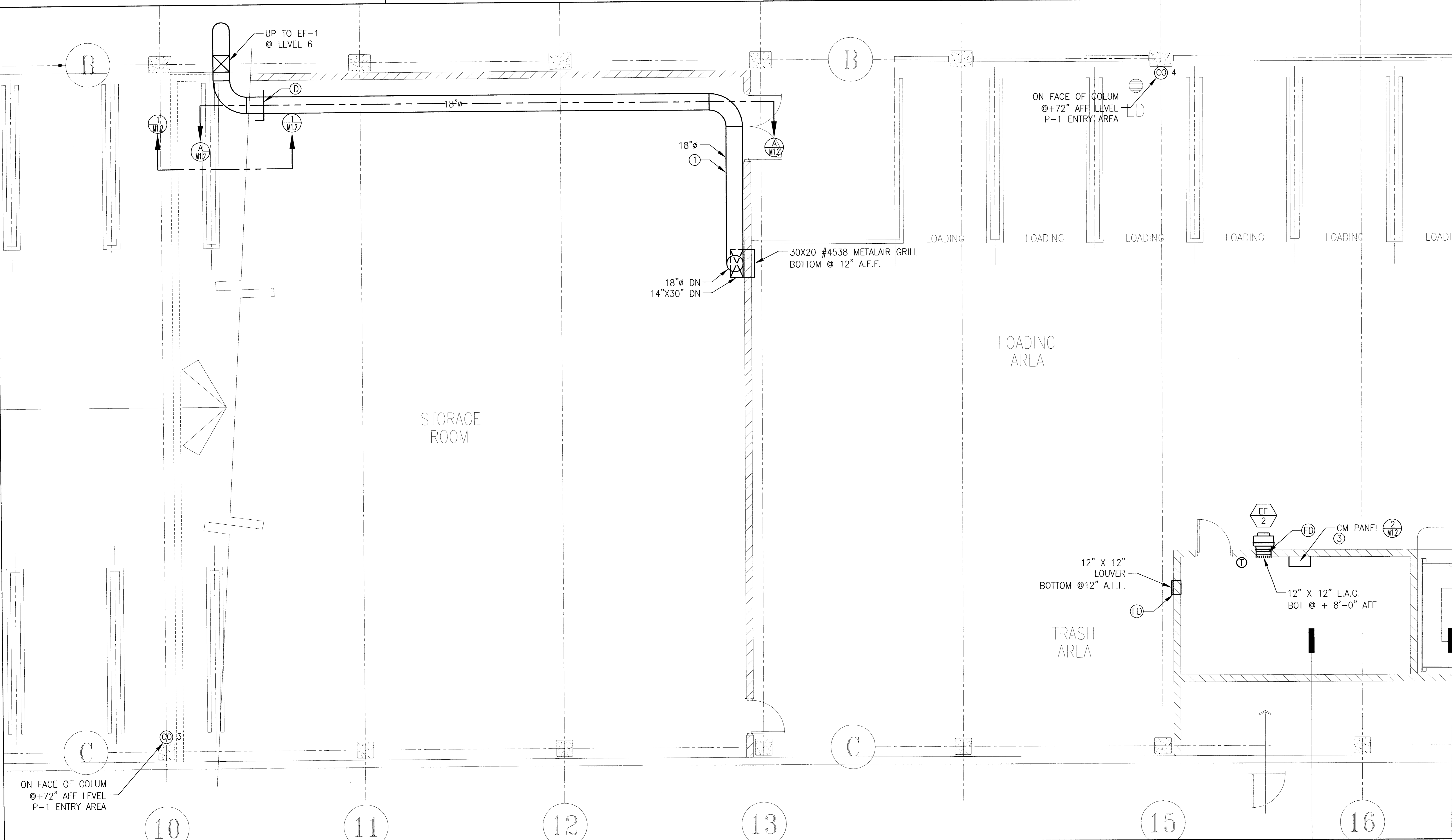
ON SENSING A CO LEVEL ABOVE 35 (OR 50) PPM AT ANY OF THE REMOTE SENSORS IN A ZONE, THE CORRESPONDING CONTROL RELAY SHALL ACTIVATE THE APPROPRIATE LOW ALARM TIME DELAY RELAY. THE RELAY SHALL OPERATE FOR A FIELD-ADJUSTABLE, AUTO-RESETTING DELAY (TO PREVENT FAN CYCLING) THEN CLOSE TO AGIVATE VENTILATION EQUIPMENT. ON FURTHER RISE IN THE CO LEVEL ABOVE 100 (OR 150) PPM THE APPROPRIATE HIGH ALARM TIME DELAY RELAY WILL BE ACTIVATED, AND AN AUDIBLE ALARM SHALL SOUND AFTER A FIELD-ADJUSTABLE, AUTO-RESETTING, TIME DELAY (TO PREVENT NUISANCE ALARMS).

SYSTEM SHALL OPERATE FROM SENSOR/CONTROLLER OUTPUT TO PROVIDE RELAY CLOSURES TO CONTROL EXHAUST FAN AS REQUIRED.

A CALIBRATION KIT COMPRISED OF DISPOSABLE GAS CYLINDERS, REGULATOR, CALIBRATION ADAPTER, AND ACCESSORY CARRYING CASE SHALL BE PROVIDED WITH SUFFICIENT CALIBRATION GAS FOR STARTUP AND 1 YEAR OPERATION OF THE SYSTEM.



M-1.1 HVAC LEVEL P-1 OVERALL PLAN VIEW  
 SCALE: NTS



M-1.1 HVAC LEVEL P-1 MECHANICAL FLOOR PLAN  
 SCALE: 1/4" = 1'-0"

CITY OF STOCKTON  
 EDMUND S. 'ED' COY  
 PARKING STRUCTURE

STOCKTON, CALIFORNIA

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 209. 466. 3691

Mechanical Designer - Design/Builder  
 Comfort Air  
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CONST. DOCUMENTS

- REVISIONS:  
 △ REVISED PER PLAN CHECK 3/10/05  
 △ REVISED PER PLAN CHECK 5/18/05

SHEET TITLE  
 HVAC MECHANICAL FLOOR PLAN

DATE	SCALE
15, JUNE 2005	AS NOTED
DRAWN BY	CHECKED BY
DRAWING NO.	SHEET
PROGRAM NO.	R-NO.

DRAWING NO.: M-1.1

PROJECT NO.: HNA 2319

Comfort Air, Inc.  
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 (209) 466-4601 FAX (209) 466-4602  
 LICENSE # 12545  
 SIGNATURE: [Signature] DATE: 6/15/05  
 THESE PLANS ARE THE PROPERTY OF COMFORT AIR, INC. AND ARE TO BE USED ONLY FOR THE PROJECT AND LOCATION SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR REPRODUCTION OF THESE PLANS IS STRICTLY PROHIBITED.

CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE

STOCKTON, CALIFORNIA

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CONST. DOCUMENTS

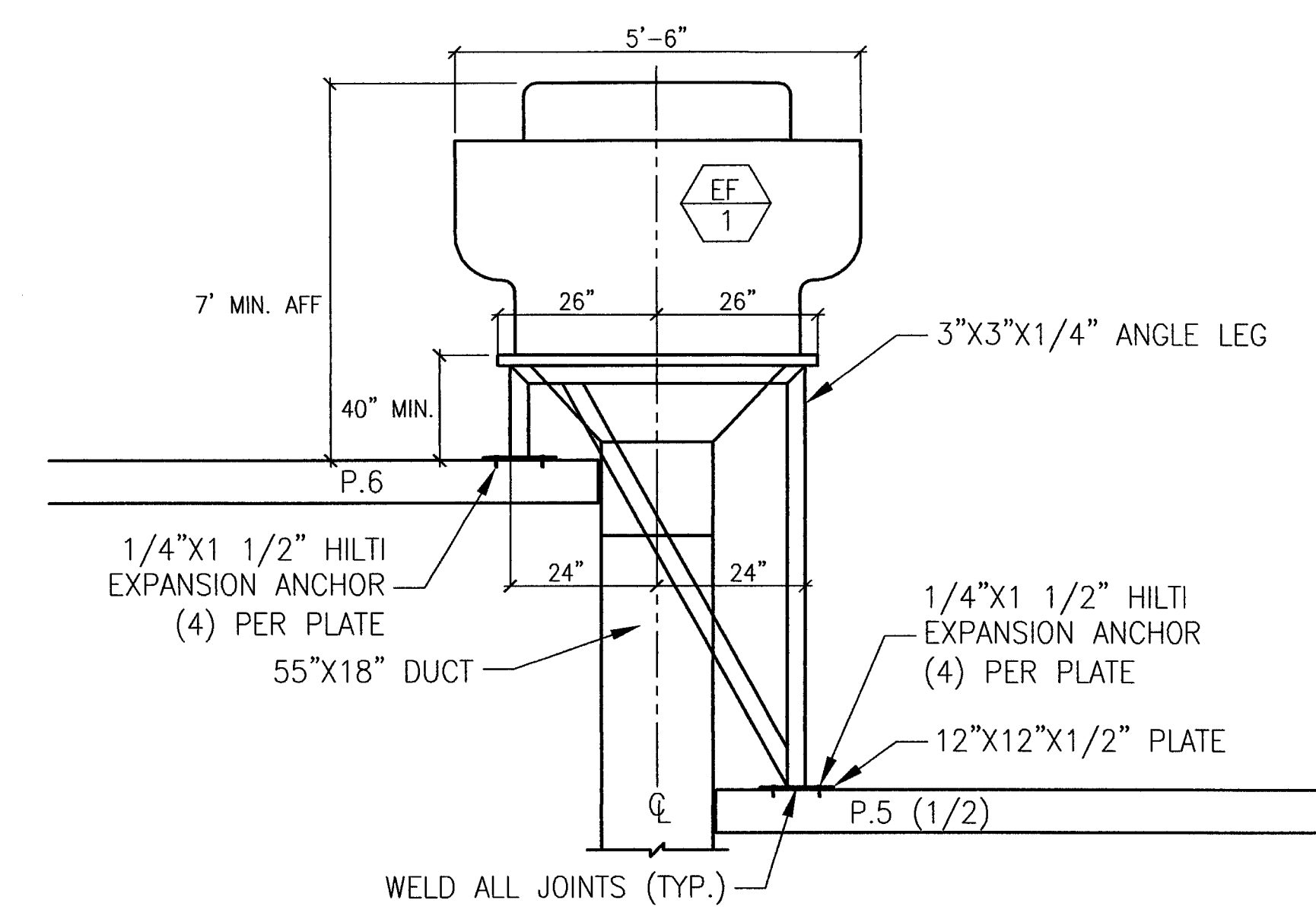
REVISIONS:  
△ REVISED PER PLAN CHECK 3/10/05  
REVISED PER PLAN CHECK 5/18/05

SHEET TITLE  
HVAC  
DETAILS

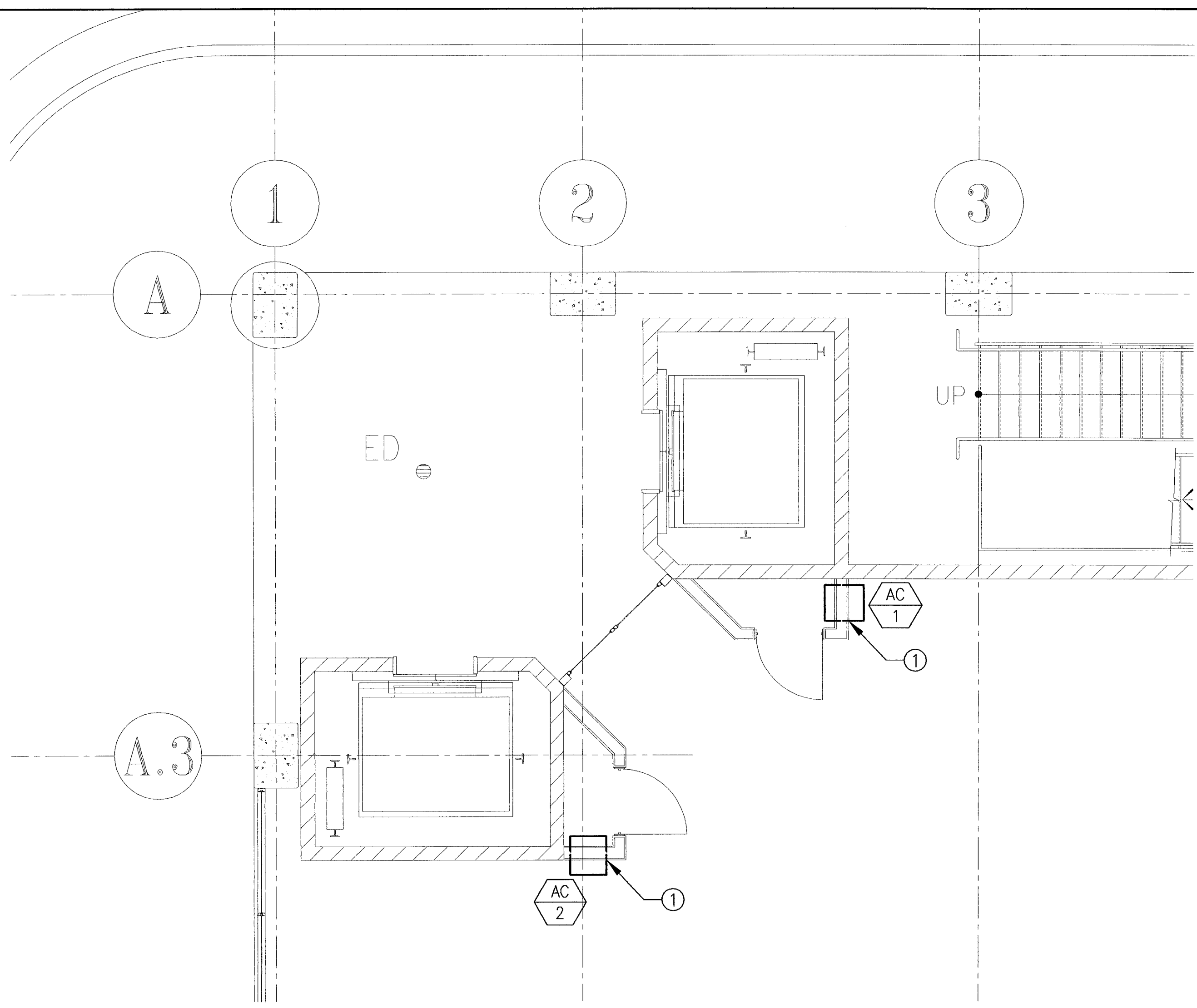
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15, JUNE 2005	AS NOTED
DRAWN BY	CHECKED BY
DRAWING NO.	SHEET
PROGRAM NO.	R-NO.

DRAWING NO.  
M-1.2

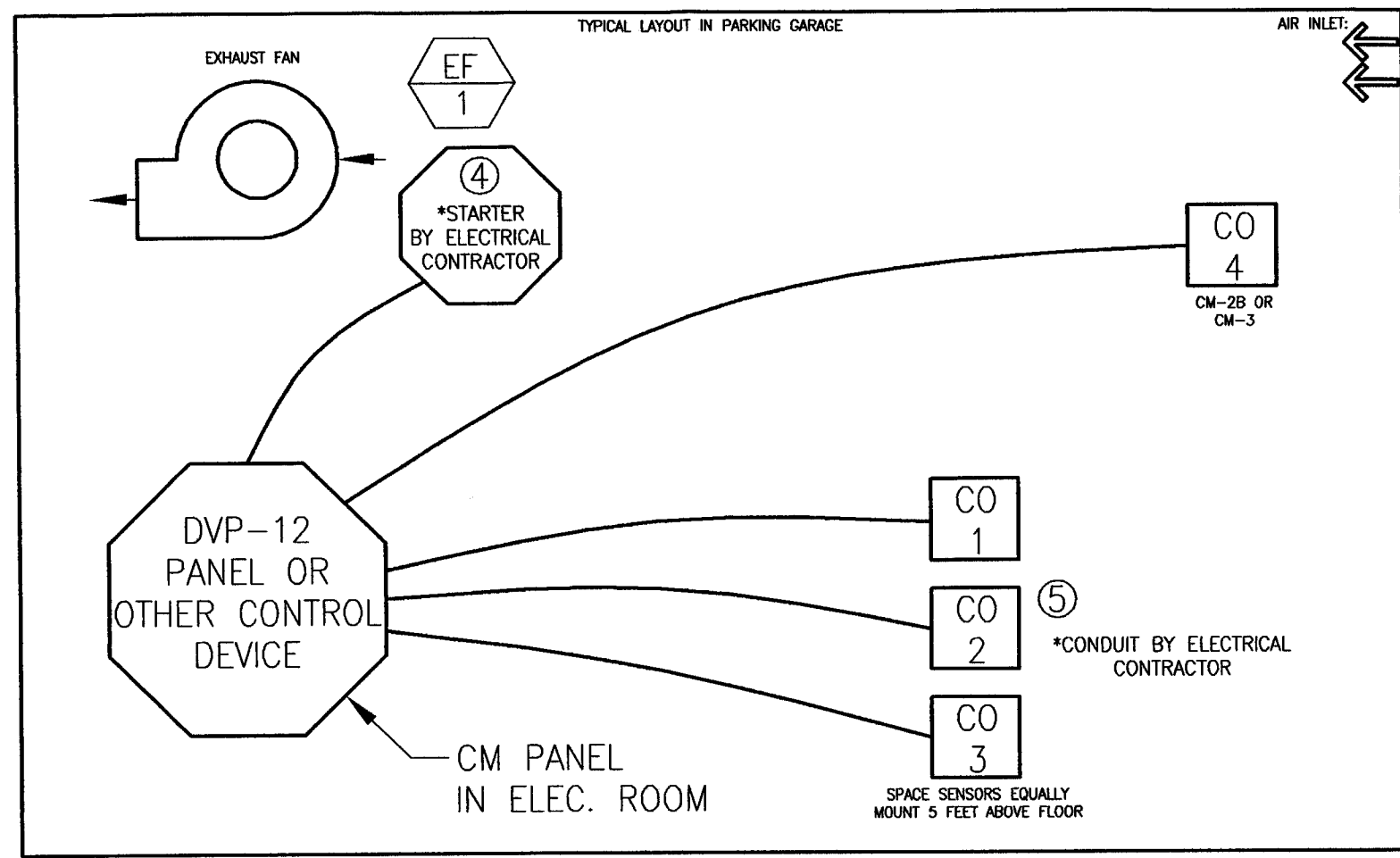
PROJECT NO.  
H N A 2319



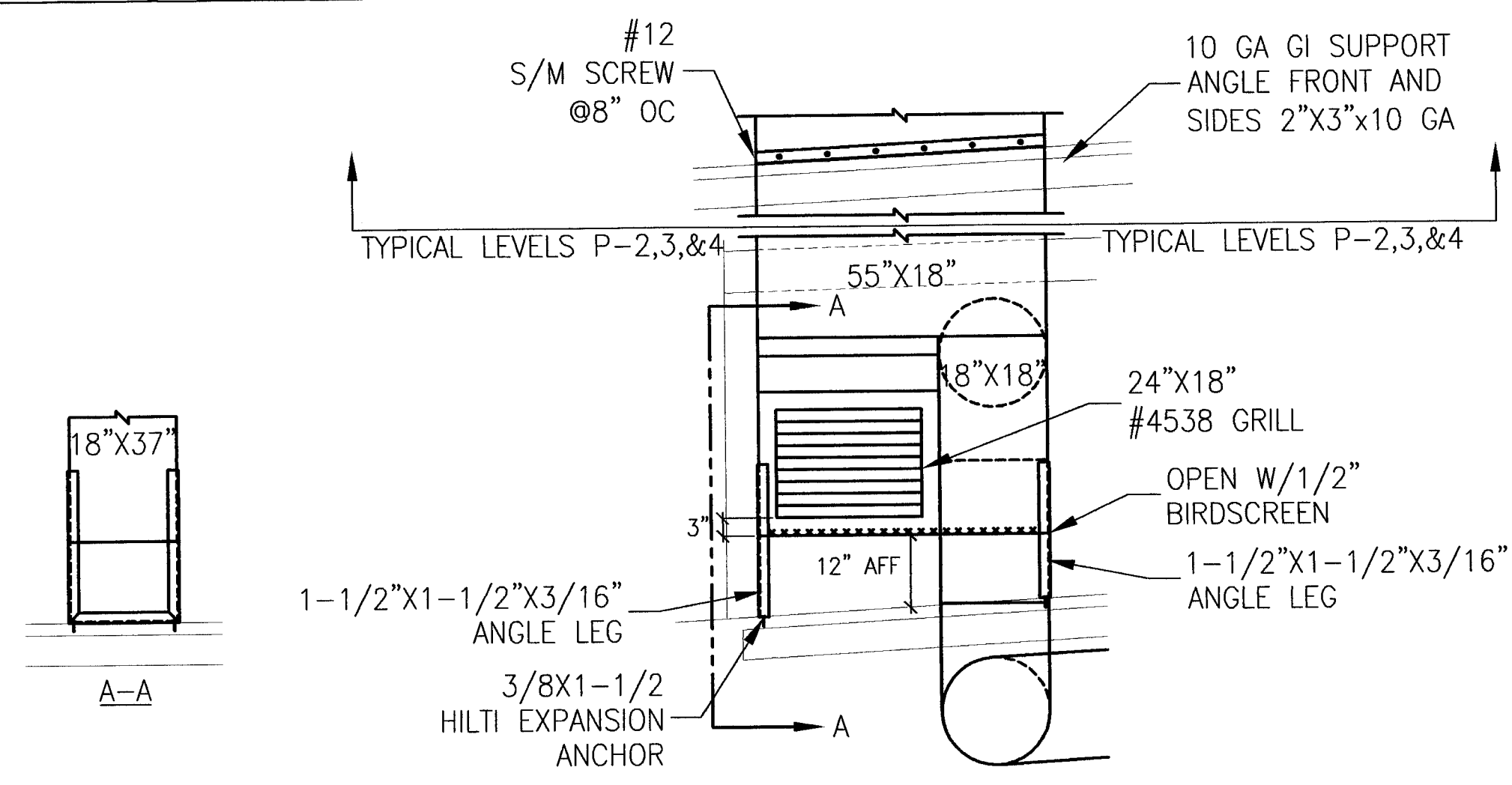
3 FAN SUPPORT LEVEL P-5&6  
SCALE: 1/2" = 1'-0"



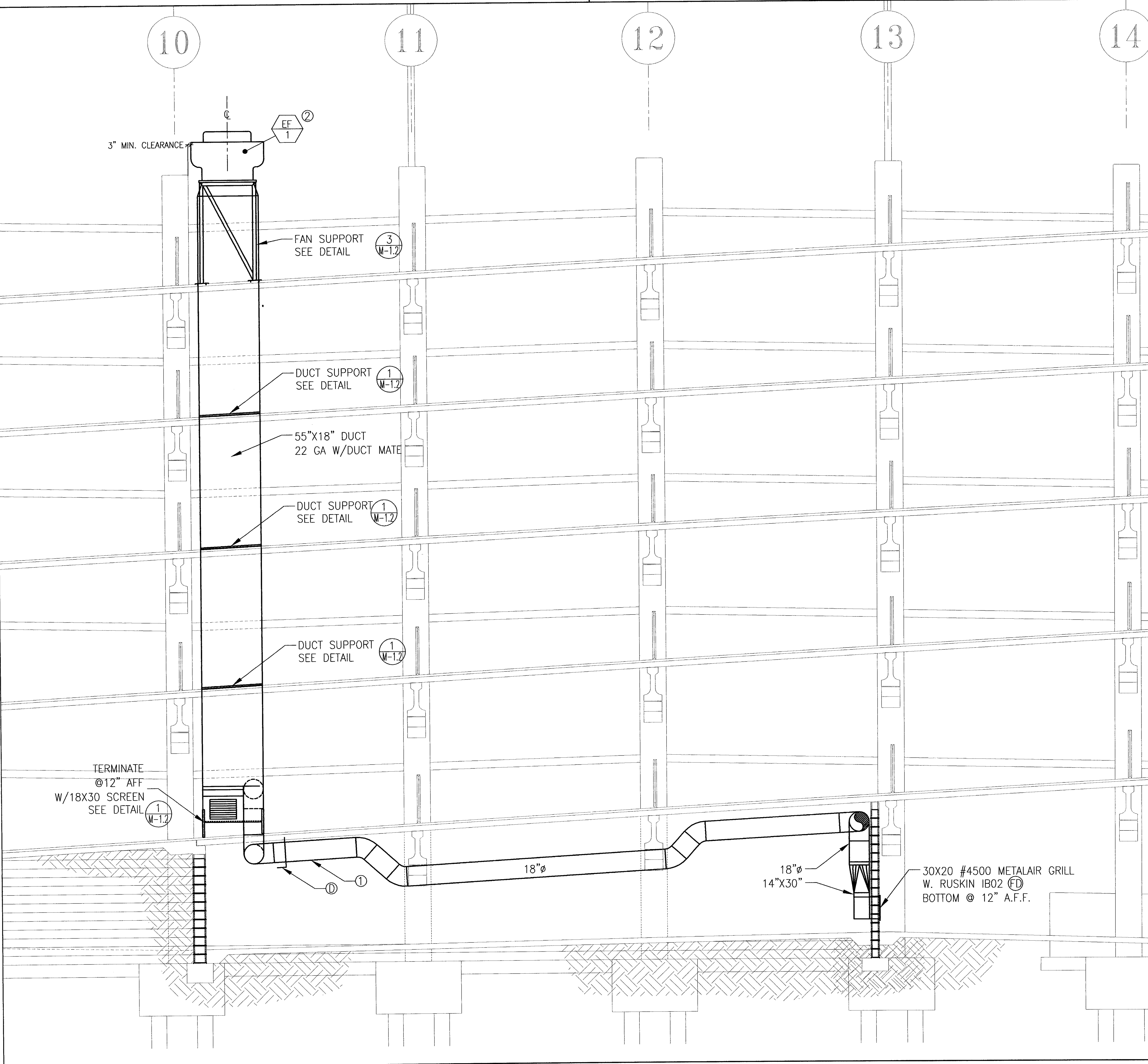
4 ELEVATOR CONTROL ROOM LEVEL P-6  
SCALE: 1/4" = 1'-0"



2 CARBON MONOXIDE SENSOR SCHEMATIC  
SCALE: NTS



1 EXHAUST INTAKE LEVEL P-1  
SCALE: NTS



A HVAC ELEVATION PLAN  
SCALE: 1/4" = 1'-0"

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CHECKED BY: [Signature] DATE: 6/15/05  
SCALE: AS NOTED

## ELECTRICAL SYMBOLS

○	SURFACE OR PENDANT MOUNTED FIXTURE AND OUTLET	REFER TO FIXTURE SCHEDULE FOR EXACT TYPE
⊙	WALL MOUNTED FIXTURE AND OUTLET	
□	CEILING RECESS MOUNTED FIXTURE AND OUTLET	DENOTES FIXTURE ON EMERGENCY CIRCUIT
■	CEILING RECESS MOUNTED WALL WASHER FIXTURE	
⊡	FLOUORESCENT FIXTURE	DENOTES FIXTURE ON NIGHT LIGHT CIRCUIT
⊡	FLOUORESCENT FIXTURE TANDEM WIRED	
—	FLOUORESCENT STRIP FIXTURE	
○	POST TOP MOUNTED FIXTURE	
■	BOLLARD	
⊥	FLOODLIGHT AND OUTLET	
⊥	TRACK LIGHT	
⊡	UNIVERSAL MOUNTED EXIT FIXTURE AND OUTLET	PROVIDE ARROW AND NUMBER OF FACES AS REQUIRED
⊡	WALL RECESS OR SURFACE MOUNTED EXIT FIXTURE AND OUTLET.	"L" DENOTES LOW LEVEL
○	FIXTURE IDENTIFICATION TAG - SEE SCHEDULE	
⊡	1 POLE, 20A SPECIFICATION GRADE SWITCH, MOUNTED +44" U.O.N. α INDICATES LAMP SWITCHING.	
⊡	2 POLE, 20A SPECIFICATION GRADE SWITCH MOUNTED +44" U.O.N.	
⊡	3 WAY, 20A SPECIFICATION GRADE SWITCH MOUNTED +44" U.O.N.	
⊡	4 WAY, 20A SPECIFICATION GRADE SWITCH MOUNTED +44" U.O.N.	
⊡	MOMENTARY CONTACT SWITCH MOUNTED +44" U.O.N.	
⊡	LOW VOLTAGE LIGHTING SWITCH MOUNTED +44" U.O.N.	
⊡	KEY OPERATED SWITCH	
⊡	SWITCH WITH PILOT LIGHT	
⊡	MANUAL MOTOR STARTER SWITCH FOR 3/4HP MOTORS AND BELOW	
⊡	MANUAL MOTOR STARTER SWITCH FOR 3/4HP MOTORS AND BELOW RECESS MOUNTED WITH PILOT LIGHT, MOUNTED +44" U.O.N.	
⊡	DIMMER SWITCH	
⊡	"SENTRY" SWITCH, MOUNTED +44" U.O.N.	
⊡	CEILING MOUNTED OCCUPANCY SENSOR WITH POWER PACK	
⊡	CEILING MOUNTED OCCUPANCY SENSOR WITH NO POWER PACK	
⊡	WALL MOUNTED OCCUPANCY SENSOR WITH SINGLE OVERRIDE SWITCH, MOUNTED +44" U.O.N.	
⊡	WALL MOUNTED OCCUPANCY SENSOR WITH NO OVERRIDE SWITCH, MOUNTED +44" U.O.N.	
⊡	OCCUPANCY SENSOR POWER PACK	
⊡	CARBON MONOXIDE SENSOR	
⊡	JUNCTION BOX WITH COVER (4x4 UNLESS OTHERWISE MARKED)	
⊡	SPECIAL RECEPTACLE OUTLET, AMPERE, VOLTAGE, PHASE AND NEMA RATING AS NOTED ON THE DRAWINGS	
⊡	20A-120V DUPLEX RECEPTACLE OUTLET, NEMA 520R SPECIFICATION GRADE, WALL MOUNTED +18" U.O.N.	
⊡	20A-120V DUPLEX RECEPTACLE OUTLET, NEMA 520R SPECIFICATION GRADE, MOUNTED ABOVE COUNTER SPLASH	
⊡	20A-120V CEILING MOUNTED SINGLE TWIST-LOCK RECEPTACLE OUTLET, NEMA L520R SPECIFICATION GRADE	
⊡	20A-120V DUPLEX FLOOR RECEPTACLE OUTLET	
⊡	20A-120V TWO DUPLEX RECEPTACLE OUTLET IN ONE COVER PLATE, WALL MOUNTED +18" U.O.N.	
⊡	15A-120V SINGLE AC RECEPTACLE NEMA 5-15P	
⊡	20A-120V CLOCK RECEPTACLE OUTLET	
⊡	FLOOR MOUNTED POWER FEED MONUMENT OR POKE THROUGH	
⊡	POWER POLE	
⊡	TELE/POWER POLE	
—	SURFACE MOUNTED POWER RACEWAY WITH 20A DUPLEX RECEPTACLES 24" O.C. MOUNT RACEWAY +44" O.C. U.O.N.	
—	SURFACE MOUNTED DIVIDED RACEWAY FOR POWER AND TELECOM WITH 20A DUPLEX RECEPTACLE AND TELECOM JACKS 24" O.C. U.O.N.	
—	CABLE TRAY	
—	FEEDER BUS DUCT	
—	PLUG-IN BUS DUCT WITH DEVICE AS NOTED.	
⊡	MECHANICAL EQUIPMENT TAG - SEE MECHANICAL EQUIPMENT SCHEDULE	
⊡	POWER EQUIPMENT TAG - SEE POWER SCHEDULE	
⊡	MOTOR CONNECTION	
⊡	HEATER CONNECTION	
⊡	MAGNETIC MOTOR STARTER	
⊡	COMBINATION MAGNETIC MOTOR STARTER WITH CIRCUIT BREAKER	
⊡	COMBINATION MAGNETIC MOTOR STARTER WITH NON-AUTOMATIC CIRCUIT BREAKER	
⊡	COMBINATION MAGNETIC MOTOR STARTER WITH FUSED DISCONNECT SWITCH	
⊡	HEAVY-DUTY FUSED DISCONNECT SWITCH, N.F. DENOTES NON FUSED, MOUNTED +6"-6" MAXIMUM	
⊡	ENCLOSED CIRCUIT BREAKER, MOUNTED +6"-6" MAXIMUM	
⊡	MECHANICAL PACKAGED EQUIPMENT WITH INTEGRAL STARTER AND CONTROL PANEL	
⊡	FLUSH MOUNTED PANELBOARD - SEE SCHEDULES	
⊡	SURFACE MOUNTED PANELBOARD - SEE SCHEDULES	
⊡	SWITCHBOARD, DISTRIBUTION PANEL, MCC - SEE SINGLE LINE DIAGRAM	
⊡	RECESS MOUNTED TERMINAL CABINET/CONTROL PANEL	
⊡	SURFACE MOUNTED TERMINAL CABINET/CONTROL PANEL	
⊡	TRANSFORMER	
⊡	SHUNT TRIP PUSH-BUTTON STATION	
⊡	EMERGENCY POWER OFF	
⊡	PHOTOELECTRIC CONTROL	

⊡	CIRCUIT BREAKER	
⊡	CIRCUIT BREAKER WITH CURRENT LIMITING FUSES - SIZE AS SHOWN ON PLANS	
⊡	CURRENT TRANSFORMER	
⊡	WATT/HOUR METER	
⊡	VOLT/AMP METER	
⊡	NEUTRAL LINK	
⊡	TRANSFORMER	
⊡	MOTOR GENERATOR	
⊡	COPPER WELD GROUND ROD AND INSPECTION WELL - SEE TYPICAL DETAIL ON PLANS	
⊡	COPPER WELD GROUND ROD 10' X 3/4" U.O.N.	
⊡	GROUND CONNECTION	
—	BARE COPPER GROUND CABLE BURIED 24" MINIMUM BELOW FINISH GRADE U.O.N.	
—	CONDUIT AND CONDUCTORS INSTALLED UNDERGROUND OR BELOW SLAB	DENOTES GROUND WIRE
—	CONDUIT AND CONDUCTORS CONCEALED IN WALL OR CEILING	
—	CONDUIT AND CONDUCTORS INSTALLED EXPOSED	CROSS LINES DENOTES QUANTITY OF #12 CONDUCTORS UNLESS NOTED OTHERWISE
—	HOMERUN TO SWITCHBOARD, PANELBOARD, TERMINAL CABINET, ETC.	
—	WIRING TURNED UP	NO CROSS LINES DENOTES 2#12 & 1#12 G UNLESS NOTED OTHERWISE
—	WIRING TURNED DOWN	
—	CONDUIT OR DUCT STUB AND CAP	
—	CONDUIT SEAL CROUSE-HINDS "EYS"	
—	CONDUIT AND CONDUCTORS ON EMERGENCY CIRCUIT	
—	METAL CLAD CABLE	
—	FLEXIBLE RACEWAY	
—	PRE-WIRED LIGHTING FLEXIBLE RACEWAY SYSTEM	
—	UNDERGROUND POWER SERVICE. SEE SITE PLAN	
—	OVERHEAD POWER SERVICE UNDERGROUND TELEPHONE SERVICE	
—	UNDERGROUND TELEPHONE SERVICE	
—	TELEPHONE RACEWAY AND PULL WIRE 3/4" C.O. UNLESS OTHERWISE NOTED	
—	FIRE ALARM SYSTEM RACEWAY AND WIRING	
—	TELEVISION RACEWAY AND PULL WIRE 3/4" C.O. UNLESS OTHERWISE NOTED	
—	CLOCK RACEWAY AND WIRING	
—	INTERCOM RACEWAY AND WIRING	
—	PUBLIC ADDRESS RACEWAY AND WIRING	
⊡	RELAY	
⊡	RELAY PUSH BUTTON STATION	
⊡	WALL MOUNTED BELL	
⊡	TELEPHONE OUTLET, WALL MOUNTED +18" U.O.N.	
⊡	COMMUNICATION OUTLET, WALL MOUNTED +18" U.O.N.	
⊡	TELE/COMMUNICATION OUTLET, WALL MOUNTED +18" U.O.N.	
⊡	EMERGENCY CALL BOX	
⊡	FLOOR TELE/COMMUNICATION OUTLET	
⊡	CODE BLUE BOX	
⊡	FIRE ALARM PULL STATION, FLUSH MOUNTED	
⊡	FIRE ALARM STROBE	
⊡	FIRE ALARM HORN	
⊡	FIRE ALARM HORN AND STROBE	
⊡	FIRE ALARM BELL	
⊡	SMOKE DETECTOR	
⊡	IONIZATION SMOKE DETECTOR	
⊡	HEAT DETECTOR	
⊡	SMOKE/HEAT DETECTOR	
⊡	DUCT SMOKE DETECTOR	
⊡	SMOKE DETECTOR UNDER RAISED FLOOR	
⊡	FIRE ALARM CONTROL PANEL	
⊡	FIRE ALARM ANNUNCIATOR PANEL	
⊡	OUTSIDE STEM AND YOKE TAMPER SWITCH	
⊡	POST INDICATED VALVE TAMPER SWITCH	
⊡	MAGNETIC DOOR HOLDER	
⊡	TAMPER SWITCH	
⊡	FLOW SWITCH	
⊡	FLOAT SWITCH	
⊡	LIMIT SWITCH	
⊡	CEILING SPEAKER, FLUSH MOUNTED	
⊡	CEILING SPEAKER, SURFACE MOUNTED	
⊡	WALL SPEAKER, SURFACE MOUNTED	
⊡	WALL SPEAKER, FLUSH MOUNTED	
⊡	MICROPHONE OUTLET	
⊡	FLOOR MICROPHONE OUTLET	
⊡	VOLUME CONTROL, FLUSH MOUNTED	
⊡	WALL CLOCK OUTLET FLUSH MOUNTED	
⊡	TELEVISION OUTLET, WALL MOUNTED	
⊡	CLOSE CIRCUIT TELEVISION OUTLET	
⊡	CLOSE CIRCUIT TELEVISION CAMERA	
⊡	WALL CLOCK OUTLET SURFACE MOUNTED	
⊡	CEILING CLOCK OUTLET	
⊡	SHEET NOTE IDENTIFICATION TAG, SEE RESPECTIVE "SHEET NOTES"	
⊡	EXISTING DEVICE TO REMAIN	

## ABBREVIATIONS

A, AMPS	AMPERES
A/C	AIR CONDITIONER
AC	ALTERNATE CURRENT
AF	AMPERE FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AI	AMPERE INTERRUPTION CURRENT
AL	ALUMINUM
APP.	APPROXIMATE
ARCH	ARCHITECT/ARCHITECTURAL
AT	AMPERES TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
BCP	BOILER CONTROL PANEL
BKBD	BACKBOARD
BKR	BREAKER
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
CC	CENTER TO CENTER
CAB.	CABINET
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CO	CONDUIT ONLY
CONC	CONCRETE
CTR	CENTER
CU	COPPER
DC	DIRECT CURRENT
DET.	DETAIL
DIA	DIAMETER
DIST	DISTRIBUTION
DN	DOWN
DP	DISTRIBUTION PANEL
DWG	DRAWING
EMERG	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE/ENCLOSED
ELR	END-OF-LINE RESISTOR
EPO	EMERGENCY POWER OFF
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
<E>	EXISTING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPERES
FLEX	FLEXIBLE
FUT, <F>	FUTURE
G	GROUND
GALV	GALVANIZED
GRS	GALVANIZED RIGID STEEL
GI	GROUND FAULT INTERRUPTER
HD	HEAT DETECTOR
HH	HANDHOLD
HO	HIGH INTENSITY DISCHARGE
HDA	HAND-OFF-AUTO
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HSP	HOUSE SERVICE PANEL
HV	HIGH VOLTAGE
HZ	HERTZ
IC	INTERCOM
ISC	INTERRUPTING SHORT CIRCUIT
IG	ISOLATED GROUND
INST	INSTANTANEOUS
JB	JUNCTION BOX
KOMIL	KILO CIRCULAR MILLS
KV	KILOVOLTS
KVA	KILOVOLT-AMPERES
KW	KILOWATTS
KWH	KILOWATT-HOURS
LCP	LIGHTING CONTROL PANEL
LPS	LOW PRESSURE SODIUM
LTG	LIGHTING
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MFG	MANUFACTURING
MFR	MANUFACTURER
MECH	MECHANICAL
MH	MANHANDLE
MIC	MICROPHONE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG. HT.	MOUNTING HEIGHT
MSB	MAIN SWITCHBOARD
MSG	MAIN SWITCH GEAR
MV	MERCURY VAPOR
<N>	NEW
N	NEUTRAL
NC	NURSE CALL, NORMALLY CLOSE
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN, NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OH	OVERHEAD
P	POLE
PH, ♂	PHASE
PA	PUBLIC ADDRESS
PB	PUSHBUTTON
PDU	POWER DISTRIBUTION UNIT
PNL	PANEL
PVC	POLYVINYL CHLORIDE
REMOVED	REMOVED
<RE>	NEW LOCATION OF RELOCATED DEVICE
RECP	RECEPTACLE
REQ'D	REQUIRED
<RL>	EXISTING TO BE RELOCATED
RS	RAPID START
RSD	RIGID STEEL CONDUIT
SEC	SECONDARY
SN	SOLID NEUTRAL
SPECS	SPECIFICATIONS
ST	SHUNT TRIP
STD	STANDARD
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
TCP	TEMPERATURE CONTROL PANEL
TD	TIME DELAY
TEL	TELEPHONE
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UNON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPERES
VP	VAPORPROOF
W	WATS, WIRE
WH	WATER HEATER
WP	WEATHERPROOF
WT	WATERTIGHT
XFMR	TRANSFORMER
XP	EXPLOSION PROOF
+4-6"	TYPICAL MOUNTING HEIGHT 4"-6" ABOVE FLOOR OR GRADE TO CENTER OF BOX

## GENERAL NOTES

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- WARNING: UNLICENSED PHOTOCOPYING OR RE-ENGINEERING VIOLATES U.S. COPYRIGHT LAWS AND WILL SUBJECT VIOLATORS TO LEGAL PROSECUTION.
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE CURRENT APPROVED EDITION OF THE NATIONAL ELECTRICAL CODE, AS ACCEPTED AND AMENDED BY LOCAL ORDINANCES.
- ANY EQUIPMENT AND MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE NEW, UNUSED AND FREE FROM DEFECTS.
- CONTRACTOR SHALL VERIFY FINAL PLACEMENT AND CONNECTION REQUIREMENTS PRIOR TO ROUGHING IN EQUIPMENT UTILITIES.
- FINAL ACCEPTANCE OF WORK IN PLACE SHALL BE SUBJECT TO APPROVAL BY OWNER'S REPRESENTATIVE, TENANT AND ARCHITECT/ENGINEER. INSTALLATION APPROVAL SHALL BE BASED ON APPROVED SUBMITTAL, SHOP DRAWINGS AND LOCAL INSPECTIONS.
- CONTRACTOR SHALL SUBMIT RECORD DRAWING MARK-UPS WITHIN TWO (2) WORK WEEKS OF DATE OF NOTIFICATION OF FINAL APPROVAL.
- CONTRACTOR SHALL WARRANT ALL WORK FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE AND SHALL REPAIR OR REPLACE ANY DEFECTIVE WORK INCLUDING MATERIAL, LABOR AND EQUIPMENT AT NO ADDITIONAL COST DURING THE WARRANTY PERIOD.
- ALL WORK SHOWN ON DRAWINGS IS IN PART SCHEMATIC, INTENDED TO CONVEY SCOPE OF WORK AND GENERAL LAYOUT. VERIFY ALL EXISTING CONDITIONS AND MAKE ADJUSTMENTS AS REQUIRED.
- CONTRACTOR SHALL PROVIDE UPDATED/CORRECTED PANEL DIRECTORIES WITHIN EACH PANELBOARD PRIOR TO FINAL ACCEPTANCE OF WORK IN PLACE.
- LABEL ALL WIRING DEVICES WITH SOURCE PANELBOARD AND CIRCUIT NUMBER ON COVER PLATE. USE EMBOSSED, PLASTIC, SELF ADHESIVE, MACHINE-PRINTED, ABRASION-RESISTANT PLASTIC LABEL TAPE ON FACEPLATES AND DURABLE WIRE MARKERS OR TAGS ELSEWHERE. WHITE ON BLACK, WITH 3/16" MINIMUM TEXT HEIGHT. USE WHITE ON RED FOR EMERGENCY CIRCUITS.
- LABEL ALL NEW PANELBOARDS, SWITCHBOARDS AND MOTOR CONTROL CENTERS WITH ENGRAVED METAL OR LAMINATED-PLASTIC NAMEPLATES MOUNTED WITH CORROSION-RESISTANT SCREWS.
- BRANCH CIRCUIT RACEWAY SHALL BE MC CABLE OR 1/2" ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE NOTED. RACEWAYS IN FLOOR SLABS SHALL BE PVC AND/OR PVC COATED MC CABLE UNLESS OTHERWISE NOTED.
- ALL INTERIOR OUTLET, JUNCTION AND PULL BOXES SHALL BE METALLIC, SIZED PER CODE FOR THE NUMBER OF CONDUCTORS THEREIN.
- ALL ELECTRICAL RACEWAYS SHALL BE CONCEALED IN THE WALLS AND ABOVE SUSPENDED CEILING OR BELOW RAISED FLOOR UNLESS OTHERWISE NOTED.
- ALL CONDUCTORS SHALL BE #12 AWG MINIMUM TYPE THHN/THWN UNLESS NOTED OTHERWISE.
- PROVIDE AND INSTALL MISCELLANEOUS SUPPORTS FOR PROPER INSTALLATION OF THE ELECTRICAL EQUIPMENT. DETAILS OF THE STEEL SUPPORTS SHALL BE INDICATED ON THE SHOP DRAWINGS SUBMITTED FOR APPROVAL.



## DRAWING INDEX

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E0.2	PANEL/FIXTURE SCHEDULE
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E1.2	POWER & LIGHTING LEVEL 2
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E1.4	POWER & LIGHTING LEVEL 4
E1.5	POWER & LIGHTING LEVEL 5
E1.6	POWER & LIGHTING LEVEL 6

CITY  
OF  
STOCKTON  
EDMUND S. 'ED'  
COY  
PARKING  
STRUCTURE  
STOCKTON, CALIFORNIA

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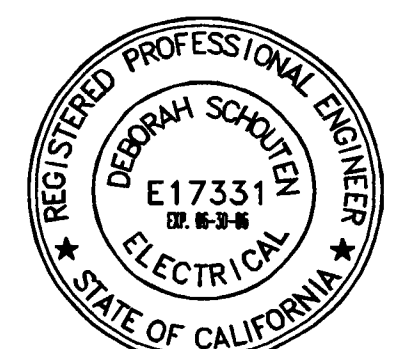
## CONST. DOCUMENTS

REVISIONS:	
△ PLAN CHECK	11-29-04
△ SECURITY UPDATE	01-25-05
△ ENGR REVISION	03-15-05
△ PLAN CHECK RESUBMITTAL	5-15-05

SHEET TITLE

## COVER SHEET

DATE	16-06-05	SCALE	NTS
DRAWN BY	RMFA	CHECKED BY	DS
DRAWING NO.		SHEET	1 OF 10
PROGRAM NO.		R.NO.	
DRAWING NO.	E0.1		
PROJECT NO.	HNA 2319		





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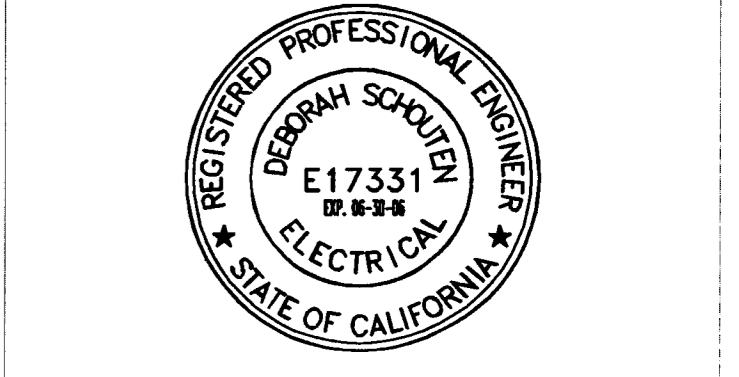
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CONST. DOCUMENTS

REVISIONS:

PLAN CHECK	11-29-04
ENGR REVISIONS	01-12-05
SECURITY UPGRADE	01-28-05
PLAN CHECK RESUBMITTAL	3-11-05
PLAN CHECK RESUBMITTAL	5-16-05



SHEET TITLE

1-LN/PNL&FIXT SCHEDULE

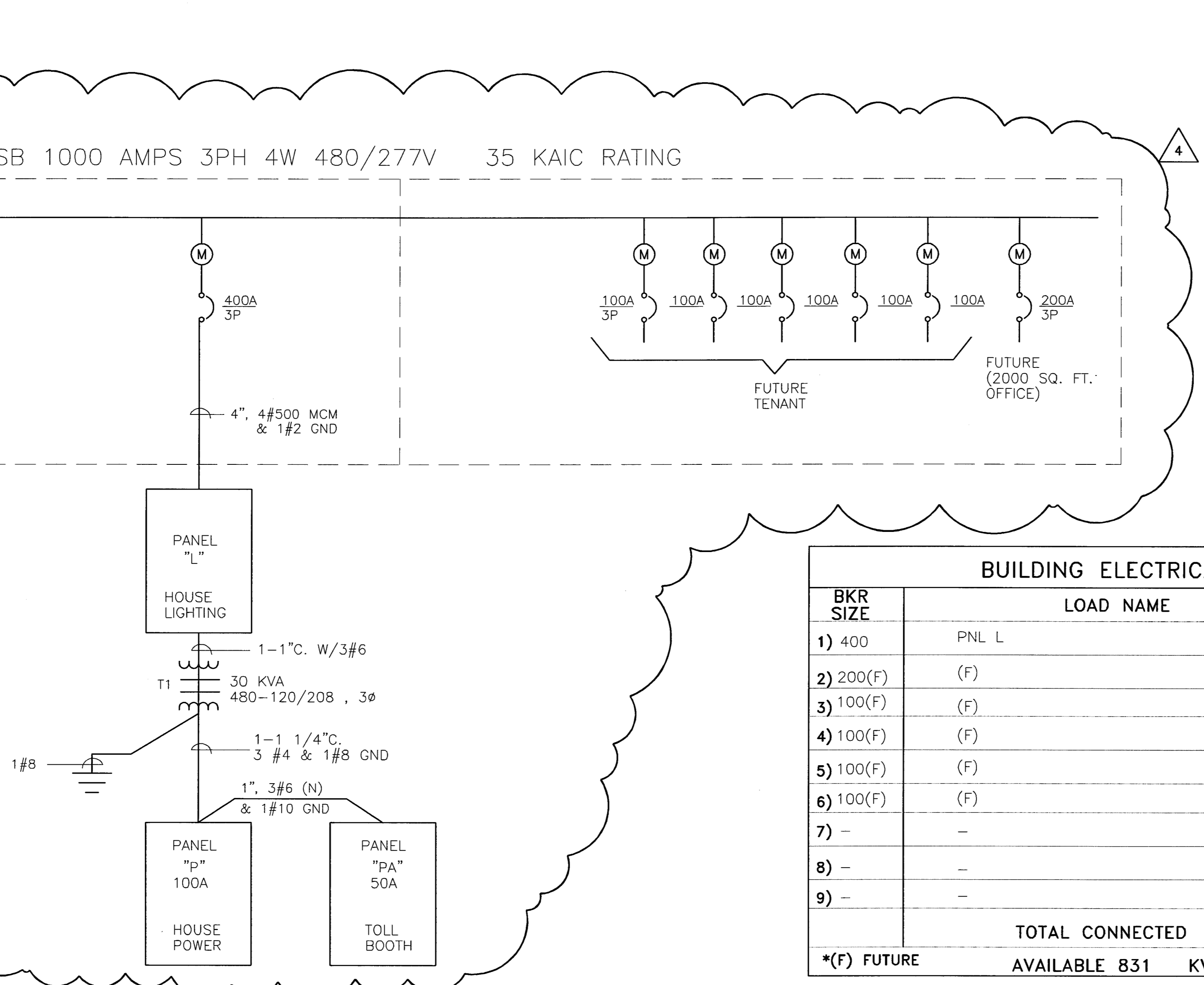
DATE	SCALE
16-6-05	NTS
DRAWN BY	CHECKED BY
RMFA	DS
DRAWING NO.	SHEET
	2 OF 10
PROGRAM NO.	R-NO.
DRAWING NO:	E0.2
PROJECT NO:	HNA 2319

FIXTURE SCHEDULE

TYPE	SKETCH	DESCRIPTION	FINISH	MFR.	LAMP
A	(X)	PG L4 SURFACE MOUNT 175W, 277V	GRAY	KIM LTG OR EQUIV.	1/25W HID VERTICAL MOUNT
A1	(X)	PG L4 SURFACE MOUNT 100W 277V	GRAY	KIM LTG OR EQUIV.	100W HID VERTICAL MOUNT
B	(X)	1X4 CORNER MOUNT W/EMERG BATTERY PACK 277V	WHT.		2LAMP-32W/TB
C	(O)	ENCLOSED, GASKETED AND PROTECTED FIXTURE, 120V	GRAY		A-100 INCAND.
D	(X)	1X4 VDS ROUGH SURF SURFACE MOUNT, 277V W/EMERG BATTERY PACK	WHT.		2LAMP-32W/TB
E	(X)	1X4 CB COMMERCIAL SURFACE MOUNT GENERAL PURPOSE WRAP AROUND, 277V	WHT.		2LAMP-32W/TB
F	(X)	OUTDOOR EXIT SIGN W/EMERG BATTERY PACK & EGRESS LAMPS, 277V UNIVERSAL MOUNT	BLK.		LED W/2-6W HALOGEN LAMPS
G1	(X)	PARKING LOT SINGLE ON 10' W/ HID ROUND STEEL POLE, 277V	GRAY		400W MH
G2	(X)	PARKING LOT TWIN 400W HID ON 30' SQUARE STEEL POLE, 277V	GRAY		400W MH HID VERTICAL MOUNT
G3	(X)	PARKING LOT TRIPLE 400W HID ON 30' ROUND STEEL POLE, 277V	GRAY		400W MH HID VERTICAL MOUNT
H	(X)	1X8 INDUSTRIAL SURFACE MOUNT, 277V	WHT.		4-32W/TB
J	(X)	HUBBEL SURF MOUNT NR1-41348-P	SPEC. FIN.		1-100W MH
K	(X)	REBELLE WALL SCONCE CYL-003-7100-70H			1-70W MH
L	(X)	WHITNEY WALL SCONCE WH27B			1-27W
N	(N)	ELECTRIFIED ART WORK			FBO

BUILDING ELECTRICAL LOAD

BKR SIZE	LOAD NAME	KVA
1) 400	PNL L	157.4
2) 200(F)	(F)	0
3) 100(F)	(F)	0
4) 100(F)	(F)	0
5) 100(F)	(F)	0
6) 100(F)	(F)	0
7) -	-	-
8) -	-	-
9) -	-	-
TOTAL CONNECTED		157.4
*(F) FUTURE AVAILABLE B31 KVA		



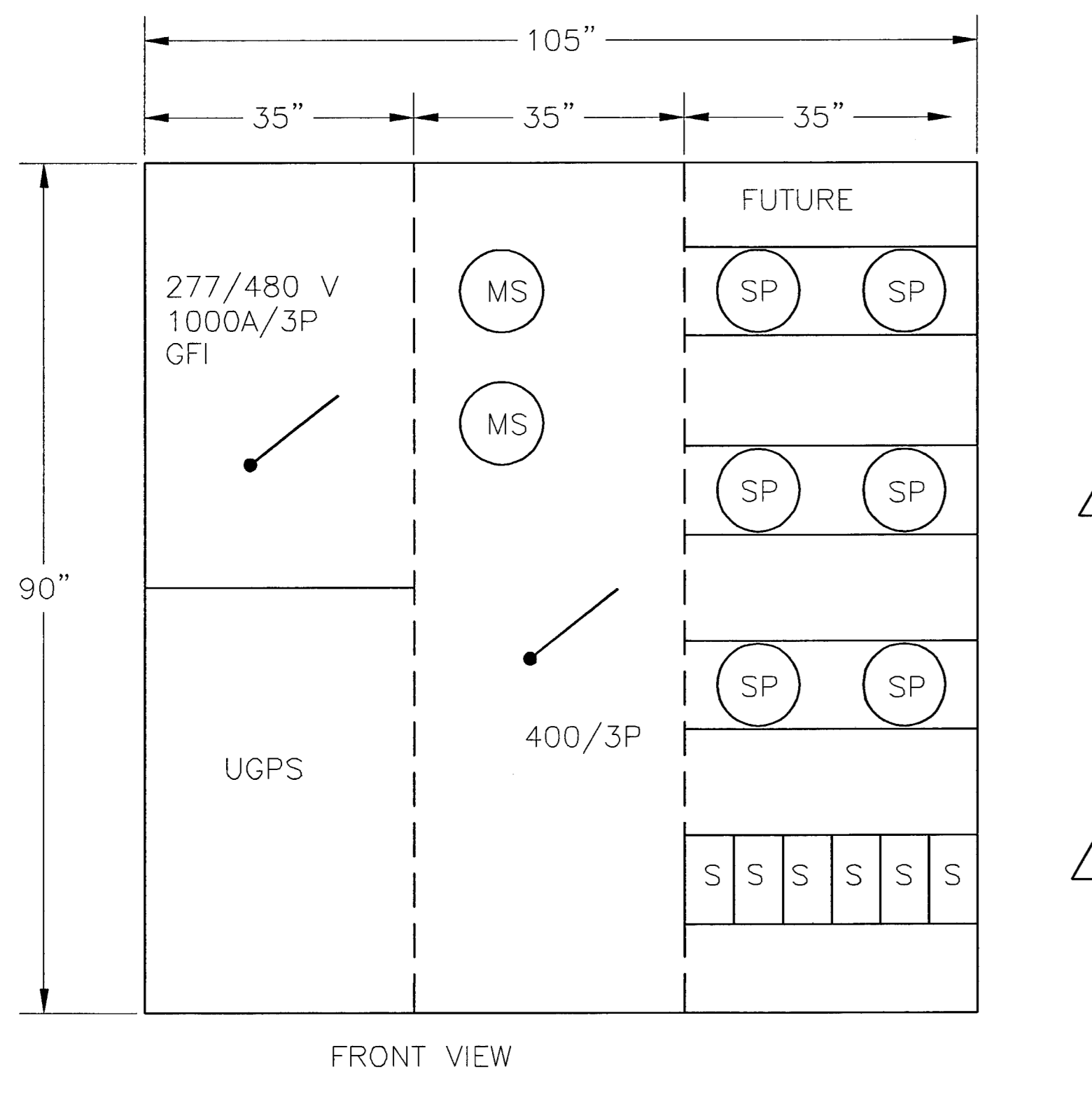
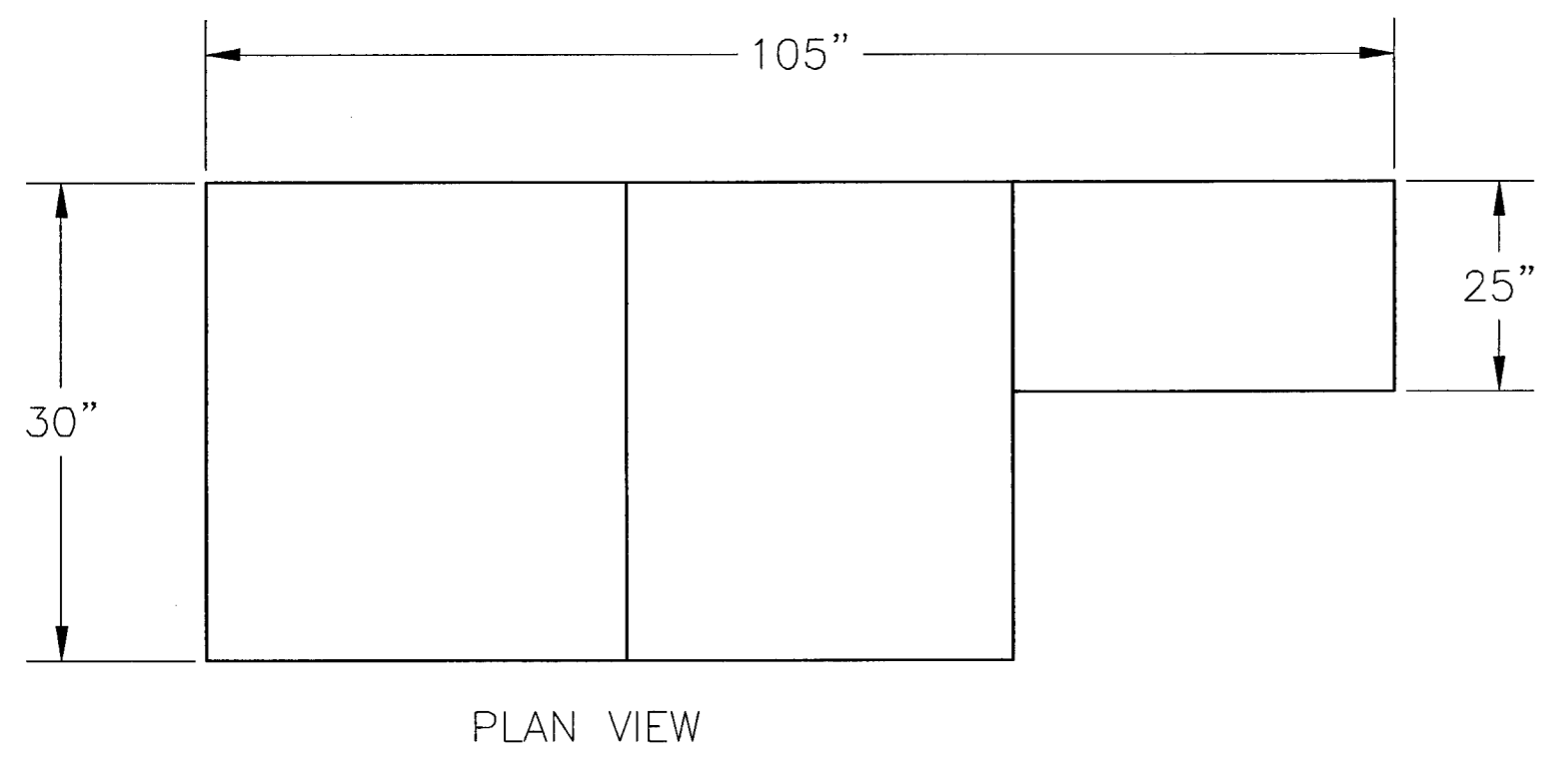
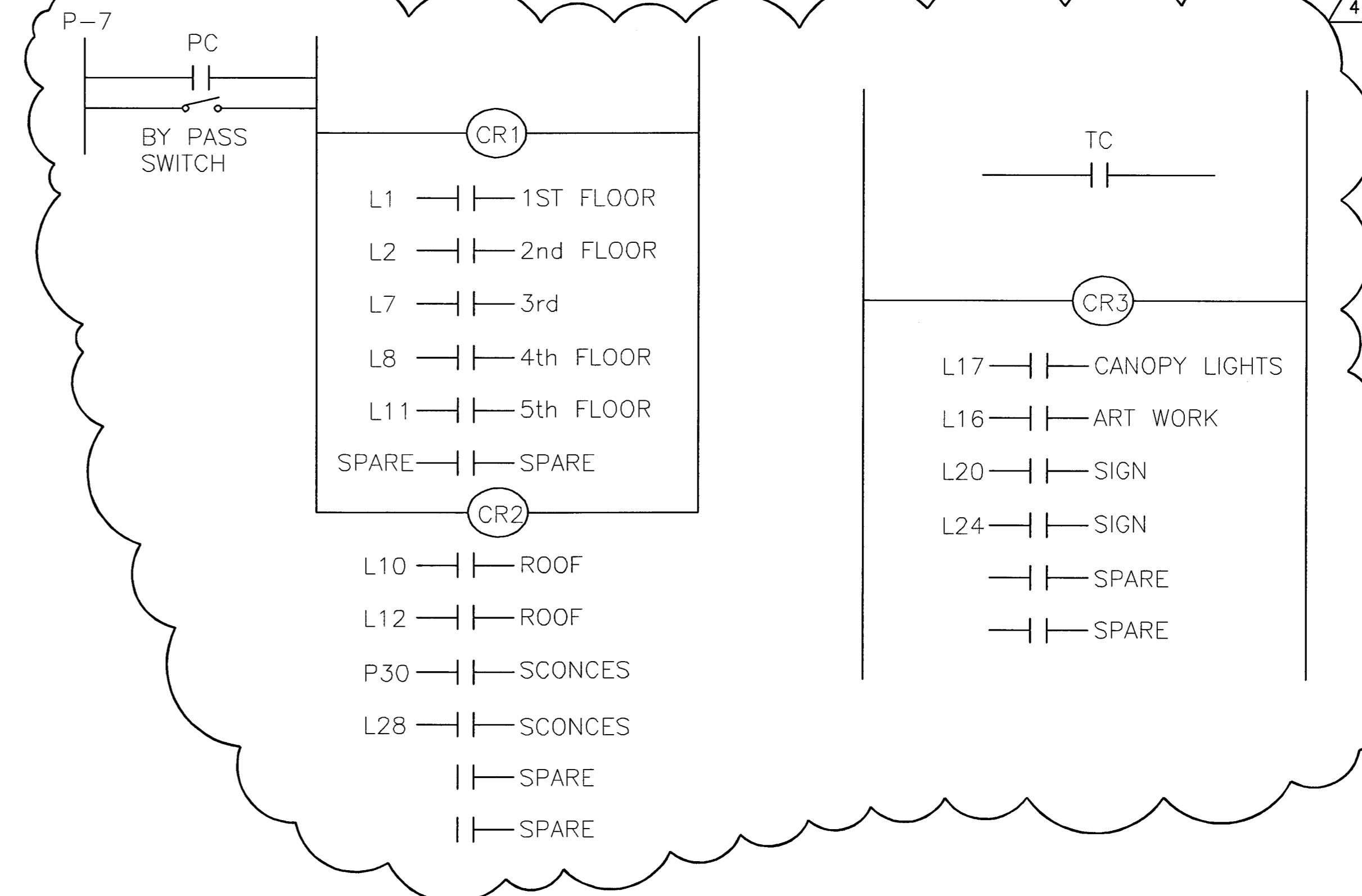
TYPE \_\_\_\_\_ A.I.C. RATING 22K 480/277 VOLT, 3 PHASE, 4 WIRE  
MOUNTING SURFACE \_\_\_\_\_ PANEL # L 400 A. MAIN BREAKER, 400 A. BUS

LTG REC	DESCRIPTION	LOAD-VOLT AMPS			BKR POLE	CKT. NO.	PHASE A B C	BKR POLE	LOAD-VOLT AMPS			DESCRIPTION	LTG REC	
		A	B	C					A	B	C			
X	FIRST FLR 1STFLR/RSTRM/PAYBTH	1.15K			20/1	1		2	20/1	2.8K			SECOND FLR	X
X		2.15K			20/1	3		4	20/1	2.8K			SECOND FLR	X
X	THIRD FLR			3.0K	20/1	5		6	20/1	2.8K			FOURTH FLR	X
X	THIRD FLR	3.0K			20/1	7		8	20/1	2.8K			FOURTH FLR	X
X	FIFTH FLR			2.8K	20/1	9		10	20/1	2.8K			SIXTH FLR	X
X	FIFTH FLR			2.8K	20/1	11		12	20/1	2.8K			SIXTH FLR	X
X	SPARE	0			20/1	13		14	20/1	.75K			STAIRWELL/EXIT SOUTH	X
X	SPARE	0			20/1	15		16	20/1	2.0K			ART WORK	X
X	CANOPY DOWNLIGHTS			.25K	20/1	17		18	20/1	2.0K			STAIRWELL/EXIT SOUTH	X
X	SPACE	0			/1	19		20	20/1	2.0K			SIGNAGE (FUTURE)	X
X	SPACE	0			/1	21		22	20/1	.90K			STAIRWELL/EXIT NW	X
X	SPACE	0			/1	23		24	20/1	2.0K			SIGNAGE (FUTURE)	X
X	ELEVATOR #1 SHUNT TRIP	14.4K			90/	25		26	20/1	.2K			ELECTRICAL ROOM	X
X		14.4K			27			28	20/1	2.8			TYPE "K" SCONCES	X
X		14.4K			/3	29		30					SPACE	X
X	ELEVATOR #2 SHUNT TRIP	14.4K			90/	31		32	50/	10K			T1/P1	X X
X		14.4K			/3	33		34		10K			30 KVA	X X X
X		14.4K			/3	35		36	/3	10K	10K		480-120/208	X X X
X	SPACE	0				37		38	0				SPACE	X X
X	SPACE	0				39		40	0				SPACE	X X
X	SPACE	0				41		42	0				SPACE	X X
TOTAL		33K	33.8K	34.9K						18.6	20.4	19.8		

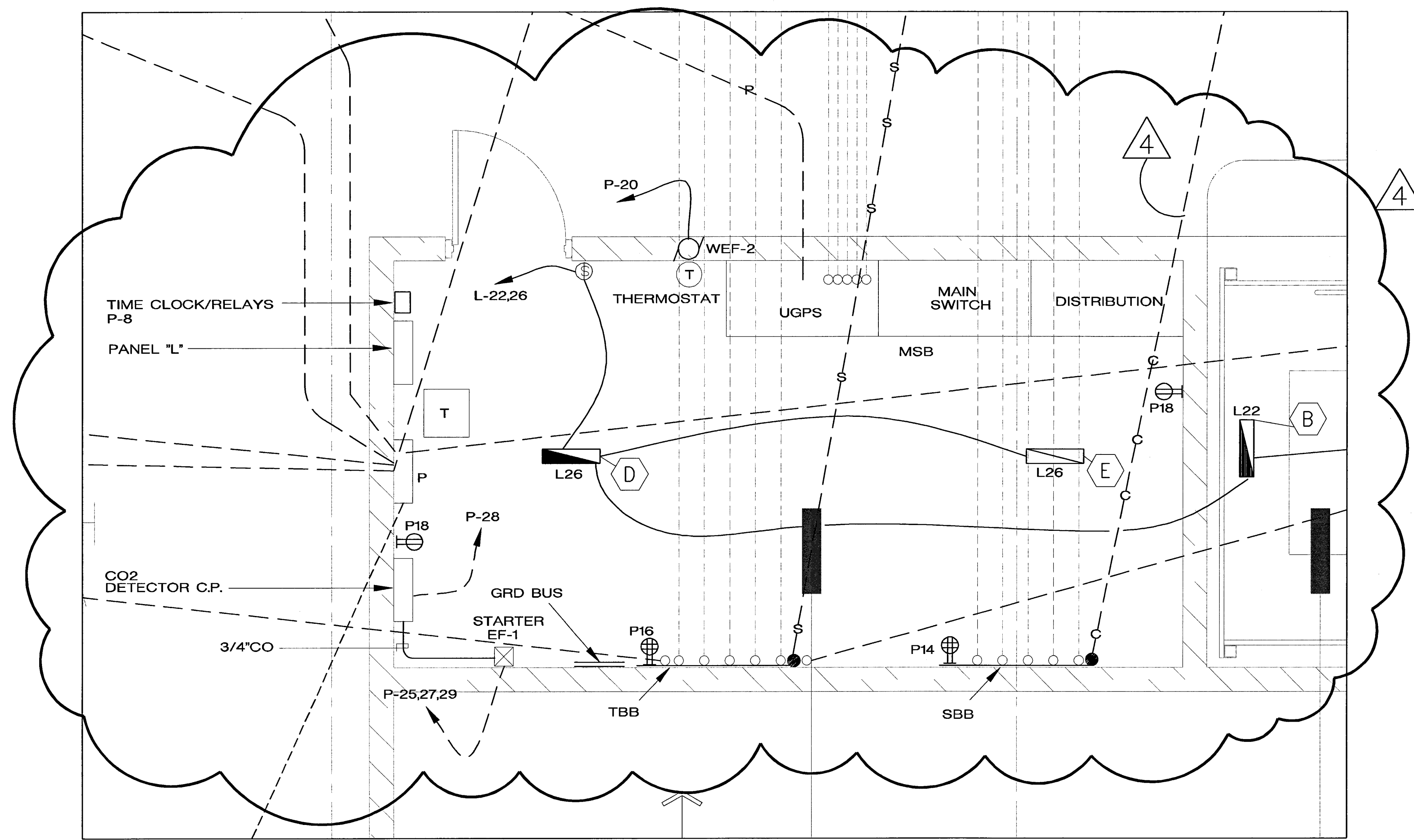
TYPE \_\_\_\_\_ A.I.C. RATING 10,000 120/208 VOLT, 1 PHASE, 3 WIRE  
MOUNTING SURFACE \_\_\_\_\_ PANEL # PA 50 A. MAIN BREAKER, 50 A. BUS

LTG REC	DESCRIPTION	LOAD-VOLT X AMPS			BKR POLE	CKT. NO.	PHASE A B C	BKR POLE	LOAD-VOLT X AMPS			DESCRIPTION	LTG REC	
		A	B	C					A	B	C			
X	TOLL BOOTH MACHINE	750			20/1	1		2	20/1	100			TOLL BOOTH LIGHTING	X
X	TOLL BOOTH MACHINERY			750	20/1	3		4	20/1	360			TOLL BOOTH RECEIPT	X
X	SPARE	0			20/1	5		6	30/	1000			TOLL BOOTH	X
X	LOC B-2 FLS 2-6			900	20/1	7		8	/2		1000		AC	X
TOTAL		750		1650							1100	1360		

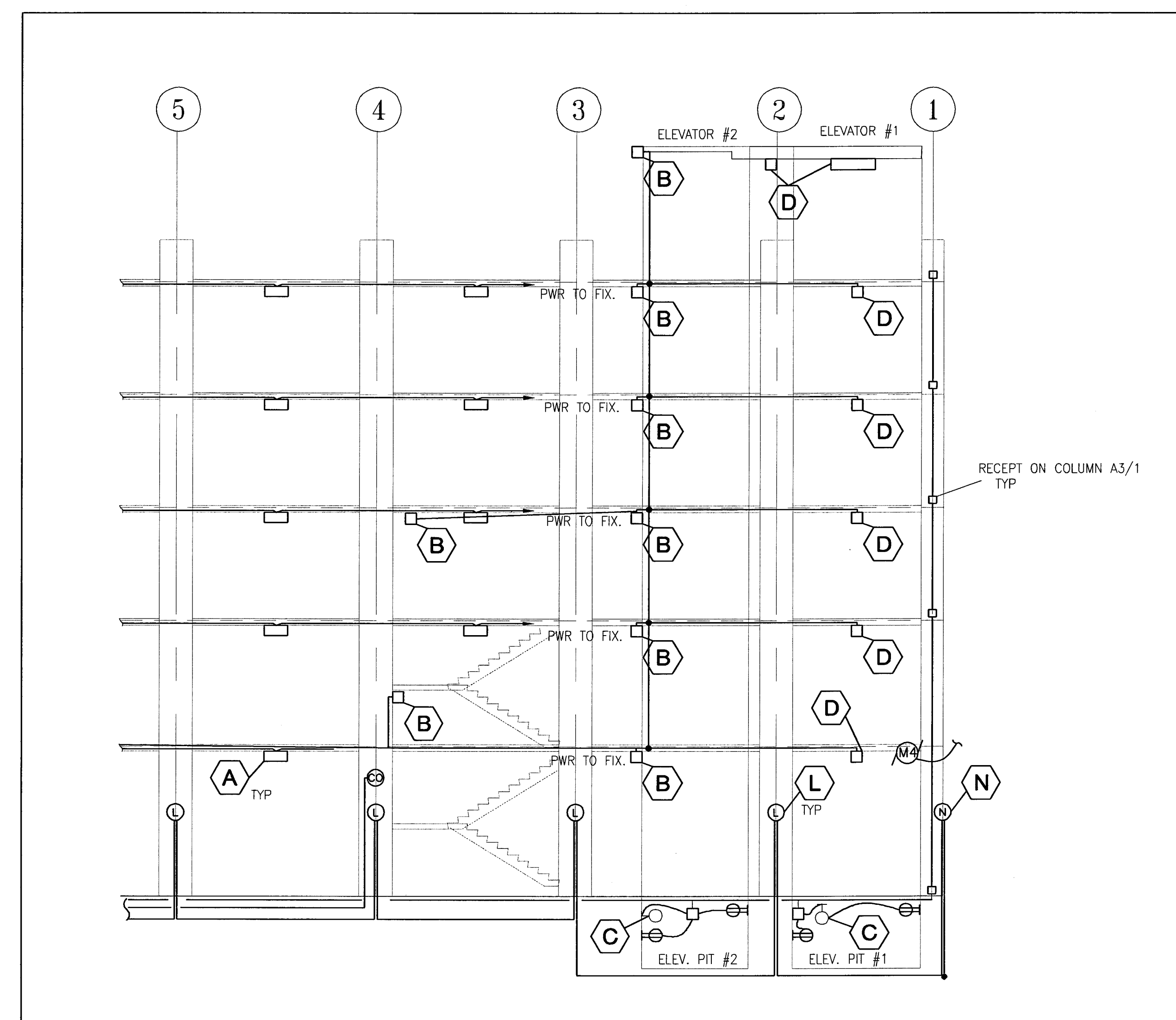
\*PANEL BY OTHERS TO BE INCLUDED AS PART OF THE TOLL BOOTH



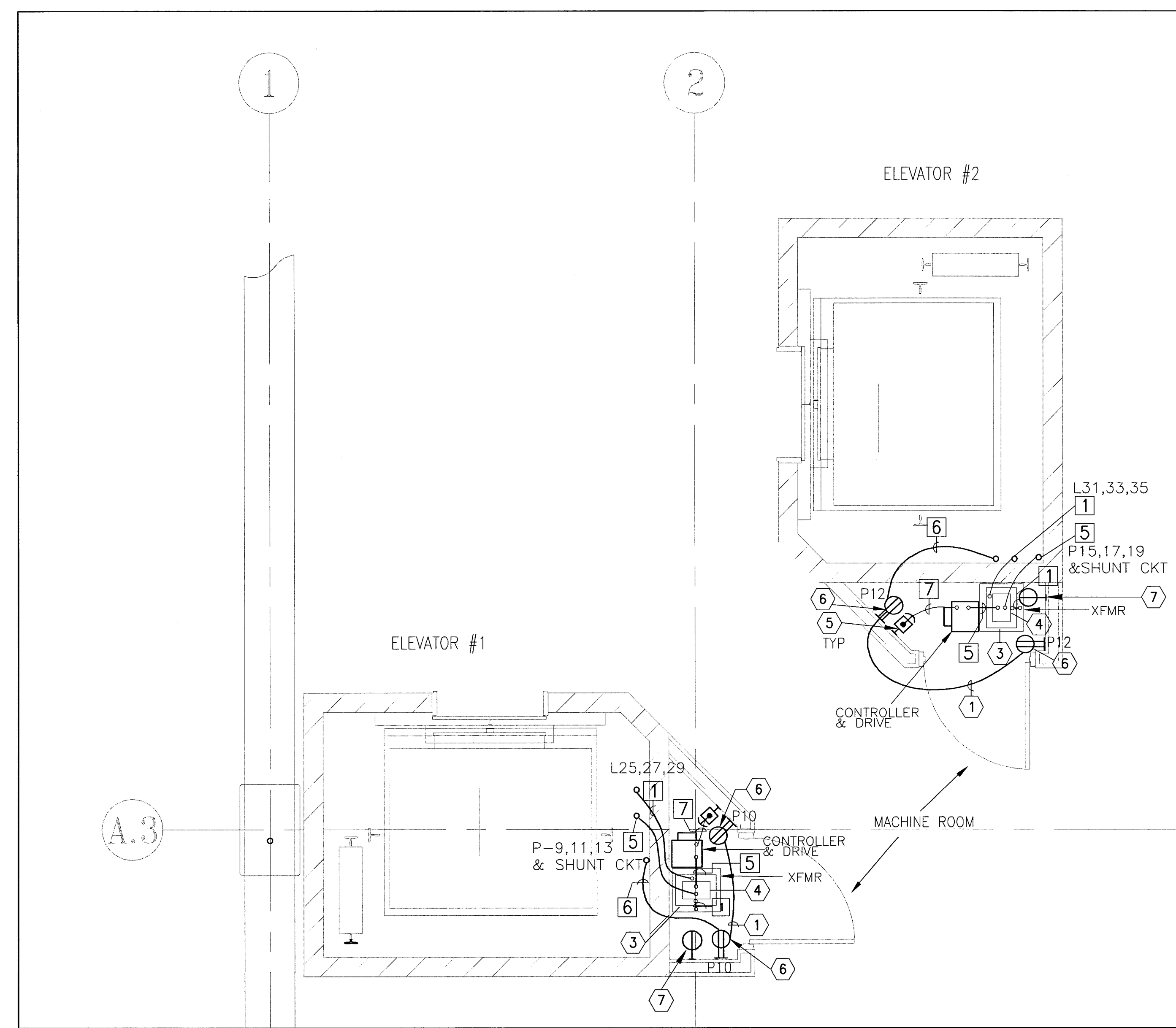
MSB 277/480V 3φ,4W N-1



1 EXPANDED PLAN OF ELECTRICAL ROOM  
E1.1 EDMUND S. "ED" COY PARKING STRUCTURE 1/2"=1'0"

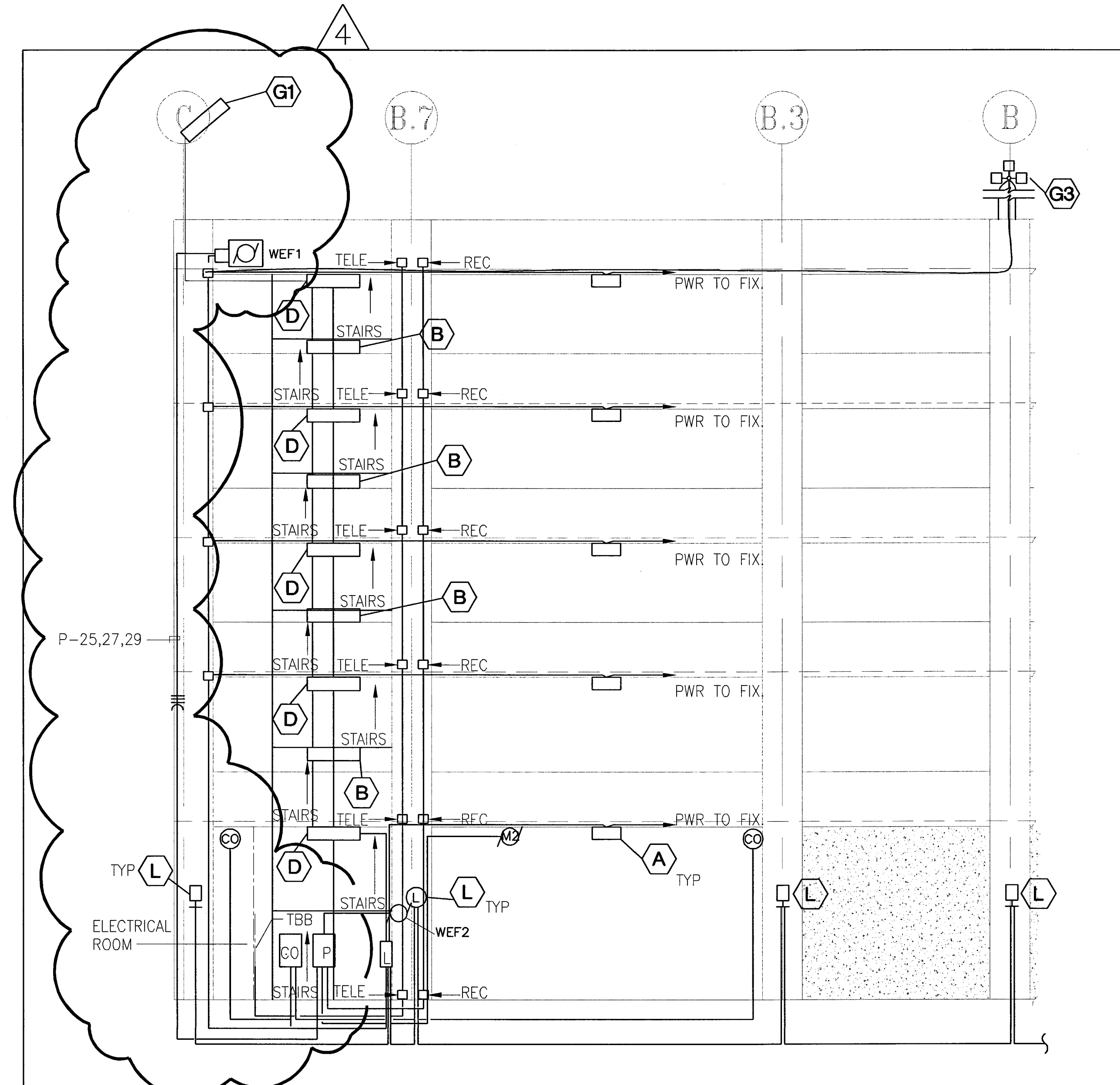


3 NORTH ELEVATION  
E-1.1-6 EDMUND S. "ED" COY PARKING STRUCTURE 1/8"=1'-0"



- ELECTRICAL NOTES:**
- 1 PVC COATED 3 CONDUCTOR MC CABEL (H,N,G) #12 IN CONCRETE
  - 2 NOT USED
  - 3 100 AMP 600V 3PH NEMAL HEAVY DUTY FUSED DISCONNECT SWITCH FUSED AT 100 AMPS
  - 4 30 AMP, 250V 3PH NEMAL HEAVY DUTY FUSED DISCONNECT SWITCH, FUSED AT 20 AMPS. CONTROLS 3 CIRCUITS ELEVATOR LIGHTING, RECEPTACLE, AND A/C
  - 5 NOT USED
  - 6 120V RECEPTACLE WP/GFI
  - 7 AC RECEPTACLE
- WIRING NOTES:**
- 1 1/2" C 3#2, 1#8 GRD
  - 2 5 CONDUIT #12 (H,H,H,N,G) MC CABLE
  - 3 3 CONDUIT #12 (H,N,G) MC CABLE
  - 4 4 CONDUIT #12(H,H,N,G) MC CABLE
  - 5 1/2" C 3#12, 1#12(N), 1#12 GND, 2#14(SHUNT CKT)
  - 6 1/2" C 1#12(H), 1#12(N), 1#12 GND
  - 7 NOT USED

2 ELEVATORS 1&2 MACHINE ROOM DETAILS  
E1.6 EDMUND S. "ED" COY PARKING STRUCTURE 3/8"=1'-0"



4 EAST ELEVATION  
E-1.1-6 EDMUND S. "ED" COY PARKING STRUCTURE 1/8"=1'-0"

CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE

STOCKTON, CALIFORNIA

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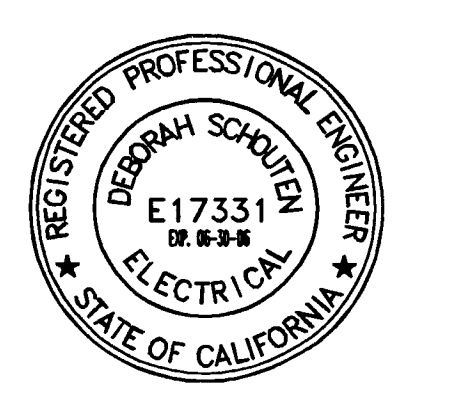
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REVISIONS:

PLAN CHECK	11-29-04
ENGRS REVISION	02-04-05
ENGRS REVISION	03-11-04
ENGRS REVISION	03-05-05
PLAN CHECK RESUBMITTAL	5-05-05



SHEET TITLE

ELECTRICAL DETAILS

DATE	16-06-05	SCALE	NTS
DRAWN BY	RMFA	CHECKED BY	DS
DRAWING NO.		SHEET	3 OF 10
PROGRAM NO.		R.NO.	

DRAWING NO. E03  
PROJECT NO. H N A 2319



CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE

STOCKTON, CALIFORNIA

OWNER:  
City of Stockton

DESIGN BUILDER:  
F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209.931.3738

CONSULTANTS:  
Architect / Parking Consultant  
HNA / Pacific  
61 Sea Breeze Avenue  
Rancho Palms Verdes, California 90275  
310.544.8670  
Design Architect  
Wendell Mathews Bowe  
246 E. Main Street  
Stockton, California 95202  
209.944.9110  
Structural Engineer  
Jessen-Wright Structural Engineers  
113 West 8th Avenue, Suite A  
Chico, California 95926  
530.894.5345

Civil Engineer  
Siegfried Engineering, Inc.  
4045 Coronado Avenue  
Stockton, California 95204  
209.943.2021

Plumbing Designer - Design/Builder  
HRM Plumbing  
3650 Winlock Road  
Stockton, California 95215  
209.931.9650

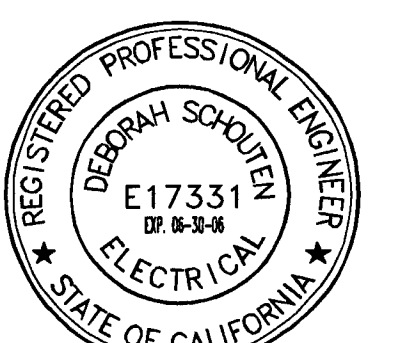
Electrical Designer - Design/Builder  
Collins Electrical Co., Inc.  
611 W. Fremont Street  
Stockton, California 95203  
209.466.3691

Mechanical Designer - Design/Builder  
Comfort Air  
1607 Turnpike Road  
Stockton, California 95201  
209.466.4601

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CONST. DOCUMENTS

REVISIONS:		
△	PLAN CHECK	11/29/04
△	ENGRS REVISION	01-25-05
△	SECURITY UPGRADE	01-24-05
△	PLAN CHECK RESUBMITTAL	3/1/05
△	PLAN CHECK RESUBMITTAL	5-8-05



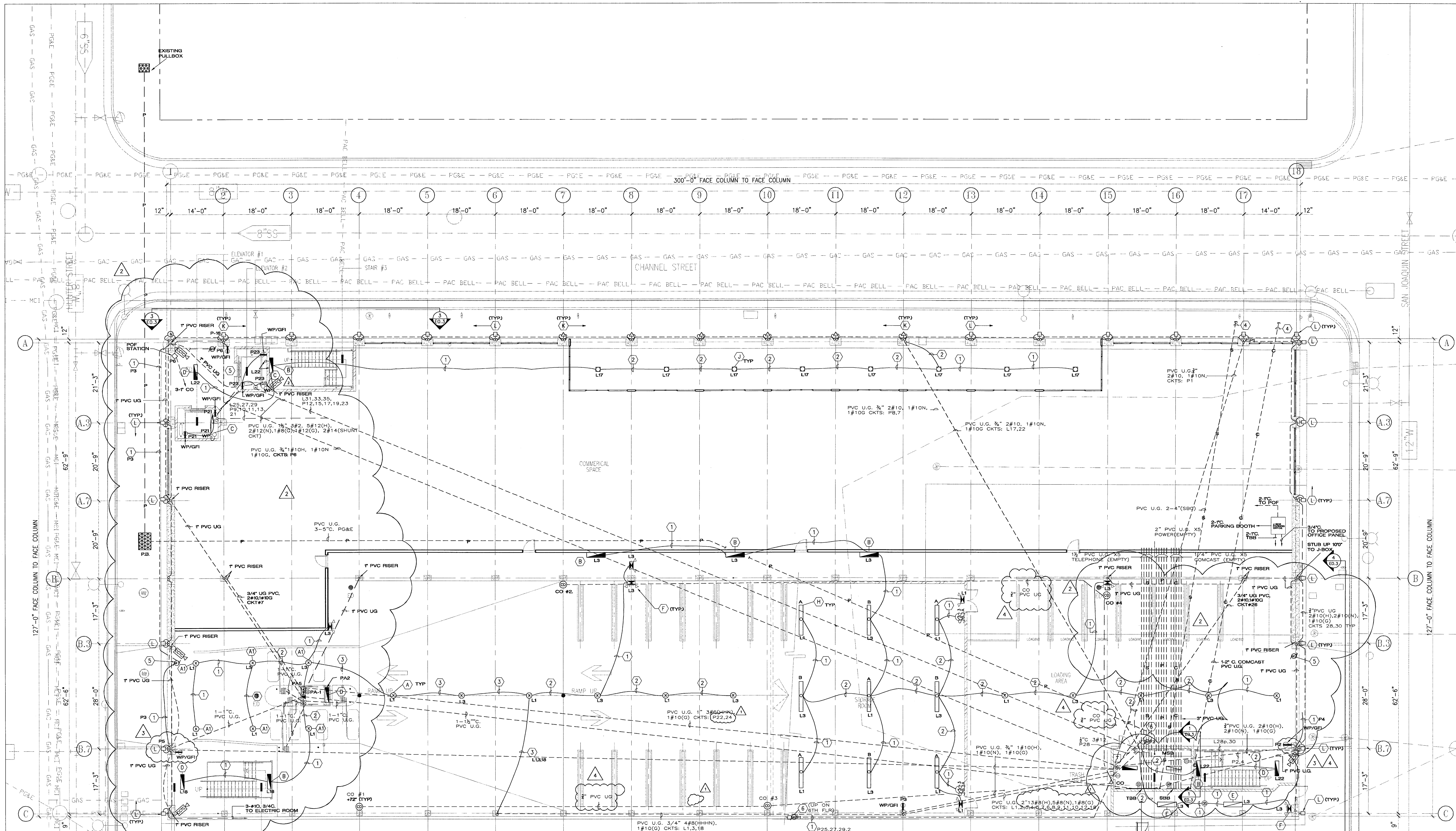
SHEET TITLE

LEVEL P-1  
PWR&LIGHTING

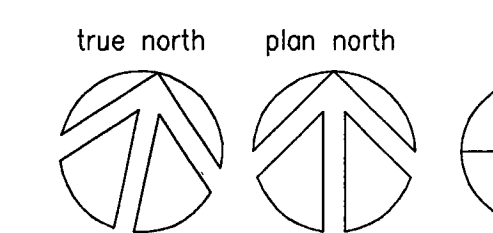
DATE	SCALE
29 NOVEMBER 2004	3/32" = 1'-0"
DRAWN BY RMFA	CHECKED BY DS
DRAWING NO. 2319A-2-1	SHEET 5 OF 10
PROGRAM NO.	R.NO.

DRAWING NO:  
E11

PROJECT NO:  
HNA 2319



- ELECTRICAL NOTES:
- 1 PVC COATED 3 COND. #12 (H) MC CABLE IN CONCRETE SLAB
  - 2 PVC COATED 4 COND. #12 (H) MC CABLE IN CONCRETE SLAB
  - 3 PVC COATED 5 COND. #12 (H) MC CABLE IN CONCRETE SLAB
  - 4 STUB 5' OUTSIDE OF BUILDING
  - 5 MOTOR IN SOFFIT/DECK LEVEL
  - 6 250V 30AMP HEAVY DUTY NEMA 3R 3PH DISCONNECT SWITCH AT ROOF



LEVEL P-1 POWER AND LIGHTING  
SCALE: 3/32" = 1'-0"

CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE

STOCKTON, CALIFORNIA

OWNER:  
City of Stockton

DESIGN BUILDER:  
**F&H Construction**  
4945 Waterloo Road  
Stockton, California 95215  
209. 931. 3738

CONSULTANTS:  
Architect - Parking Consultant  
**HNA / Pacific**  
61 Sea Breeze Avenue  
Fremont, California 94525  
310. 544. 8670

Design Architect  
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Structural Engineer  
**Jessen-Wright Structural Engineers**  
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530. 894. 5345

Civil Engineer  
**Siegfried Engineering, Inc.**  
4045 Coronado Avenue  
Stockton, California 95204  
209. 943. 2021

Plumbing Designer - Design/Builder  
**HRM Plumbing**  
3650 Wilcox Road  
Stockton, California 95215  
209. 931. 9650

Electrical Designer - Design/Builder  
**Collins Electrical Co. Inc.**  
611 W. Fremont Street  
Stockton, California 95203  
209. 466. 3691

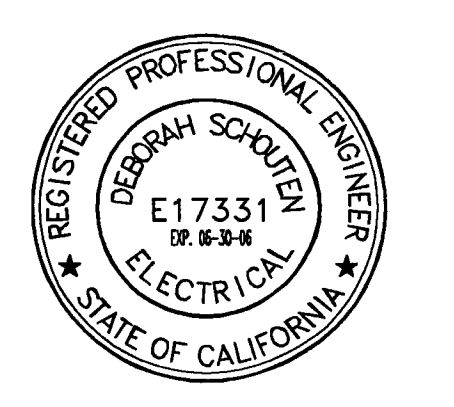
Mechanical Designer - Design/Builder  
**Comfort Air**  
1607 Turnpike Road  
Stockton, California 95201  
209. 466. 4601

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CONST. DOCUMENTS

REVISIONS:	DATE:
△ PLAN CHECK	11-29-04
△ SECURITY UPGRADE	01-26-05
△ SECURITY REVISION	02-10-05



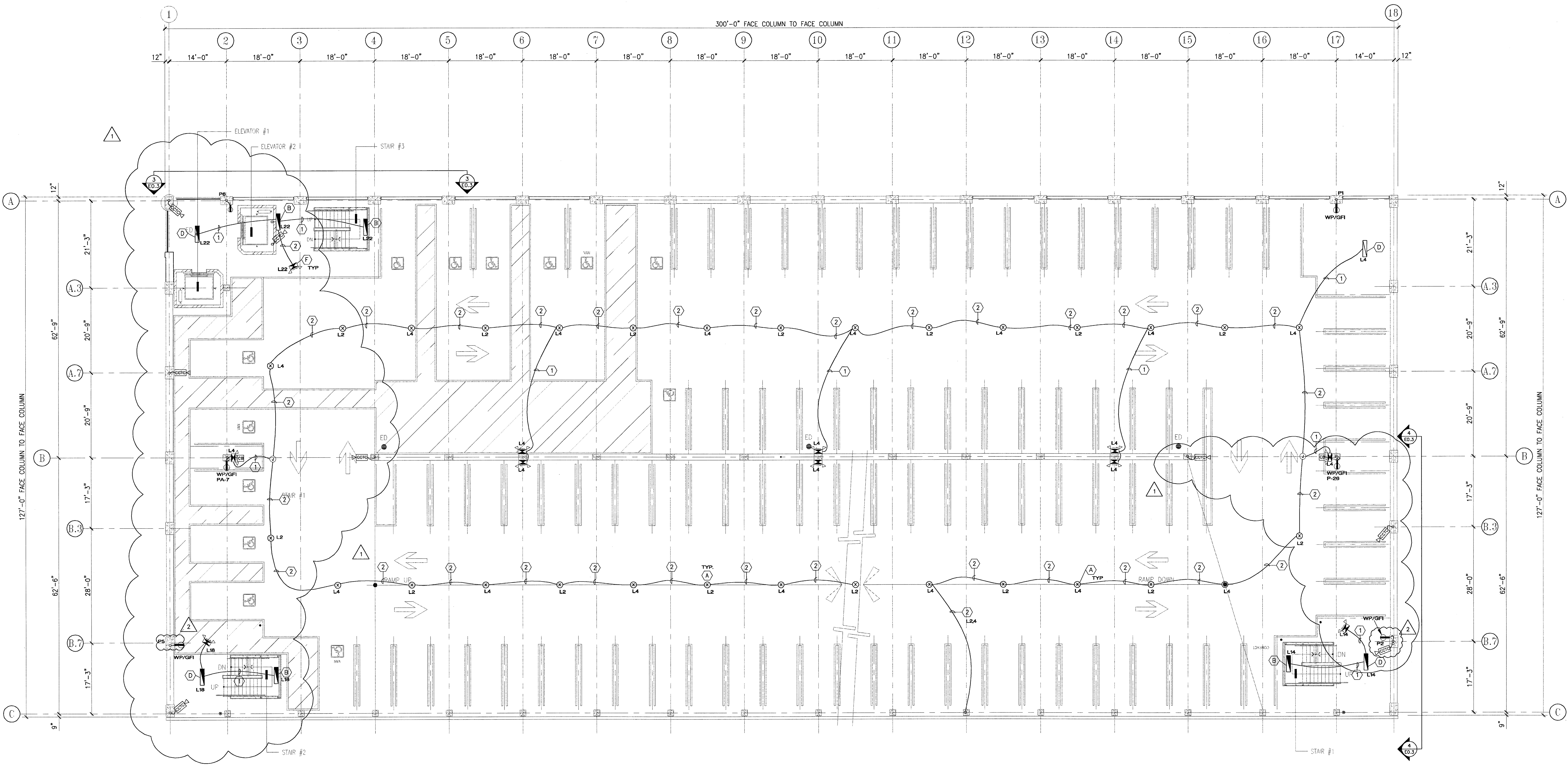
SHEET TITLE

LEVEL P-2  
PWR&LIGHTING

DATE	SCALE
29, NOVEMBER 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
RMFA	DS
DRAWING NO.	SHEET
2319A-2-2	6 OF 10
PROGRAM NO.	R-NO.

DRAWING NO:  
**E12**

PROJECT NO:  
**HNA 2319**



- ELECTRICAL NOTES:
- 1 PVC COATED 3 COND. #12 (HNG) MC CABLE IN CONCRETE SLAB
  - 2 PVC COATED 4 COND. #12 (HNG) MC CABLE IN CONCRETE SLAB
  - 3 PVC COATED 5 COND. #12 (H-HNG) MC CABLE IN CONCRETE SLAB

CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE

STOCKTON, CALIFORNIA

OWNER:  
City of Stockton

DESIGN BUILDER:  
F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209. 931. 3738

CONSULTANTS:  
Architect - Parking Consultant  
HNA / Pacific  
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Stockton, California 95204  
209. 943. 2021

Plumbing Designer - Design/Builder  
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3650 Wilcox Road  
Stockton, California 95215  
209. 931. 9650

Electrical Designer - Design/Builder  
Collins Electrical Co. Inc.  
611 W. Fremont Street  
Stockton, California 95203  
209. 466. 3691

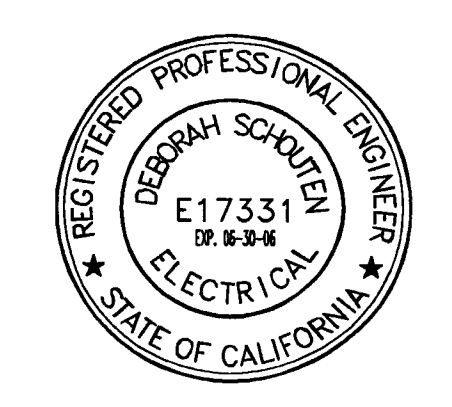
Mechanical Designer - Design/Builder  
Comfort Air  
1507 Turnpike Road  
Stockton, California 95201  
209. 466. 4601

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CONST. DOCUMENTS

REVISIONS:		
△	PLAN CHECK	11-29-04
△	SECURITY UPGRADE	01-26-05
△	SECURITY REVISION	02-10-05



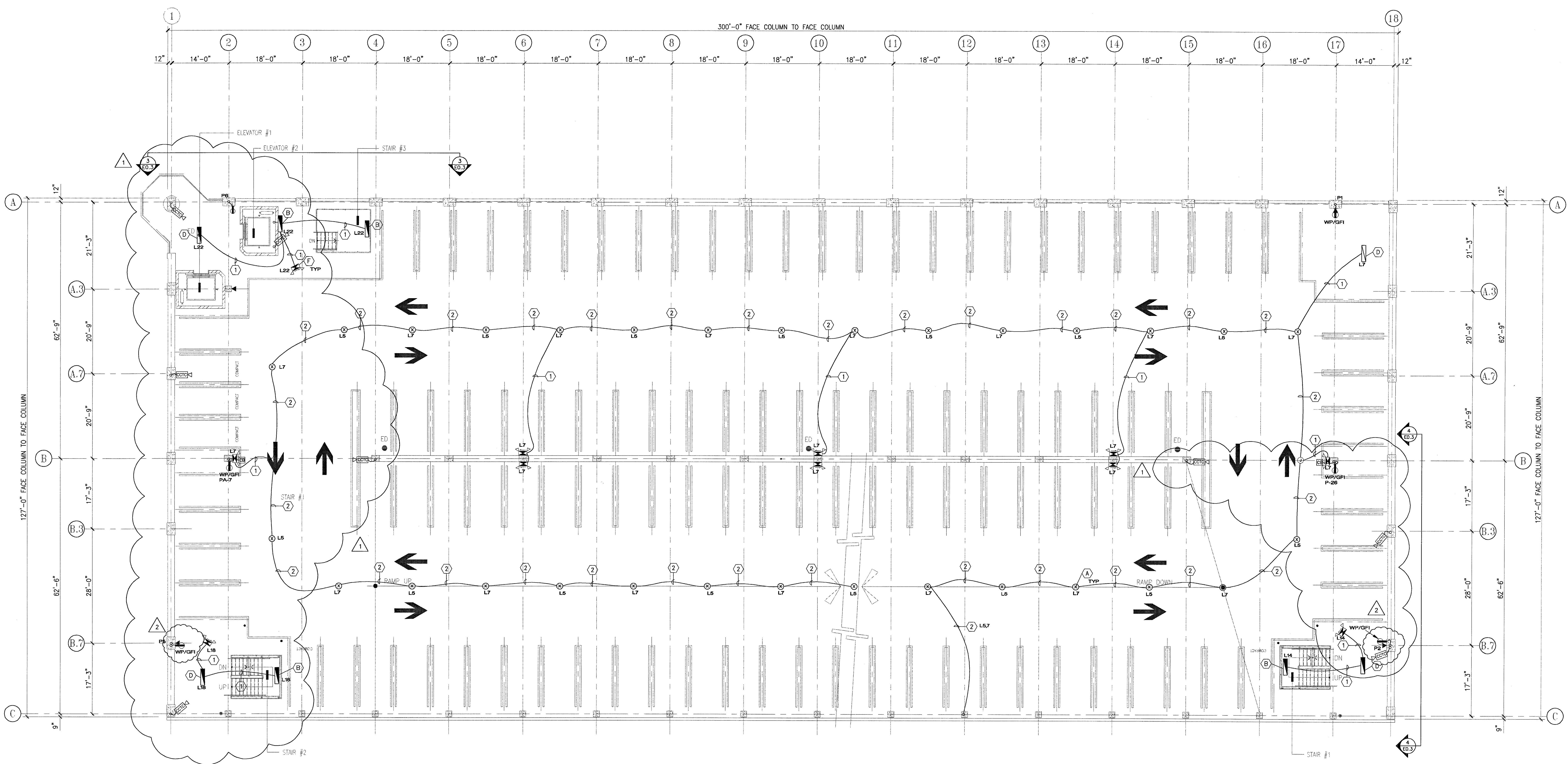
SHEET TITLE

LEVEL P-3  
PWR&LIGHTING

DATE	SCALE
29, NOVEMBER 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
RMFA	DS
DRAWING NO.	SHEET
2319A-2-3	7 OF 10
PROGRAM NO.	R.N.O.

DRAWING NO:  
**E13**

PROJECT NO:  
HNA 2319



- ELECTRICAL NOTES:
- ① PVC COATED 3 COND. #12 (H)(N)(G) MC CABLE IN CONCRETE SLAB
  - ② PVC COATED 4 COND. #12 (H)(N)(G) MC CABLE IN CONCRETE SLAB
  - ③ PVC COATED 5 COND. #12 (H)(H)(N)(G) MC CABLE IN CONCRETE SLAB

CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE

STOCKTON, CALIFORNIA

OWNER:  
City of Stockton

DESIGN BUILDER:  
F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209.931.3738

CONSULTANTS:

Architect - Parking Consultant  
HNA / Pacific  
51 West Broadway Avenue  
Rancho Palos Verdes, California 90275  
310.544.8670

Design Architect  
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209.944.9110

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4045 Coronado Avenue  
Stockton, California 95204  
209.943.2021

Plumbing Designer - Design/Builder  
HFM Plumbing  
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Stockton, California 95215  
209.931.9650

Electrical Designer - Design/Builder  
Collins Electrical Co. Inc.  
611 W. Fremont Street  
Stockton, California 95203  
209.466.3691

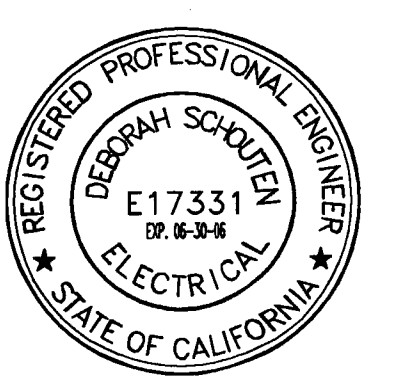
Mechanical Designer - Design/Builder  
Comfort Air  
1607 Tunbridge Road  
Stockton, California 95201  
209.466.4601

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CONST. DOCUMENTS

REVISIONS:	DATE
△ PLAN CHECK	11-29-04
△ SECURITY UPGRADE	01-26-05
△ SECURITY REVISION	02-05-05



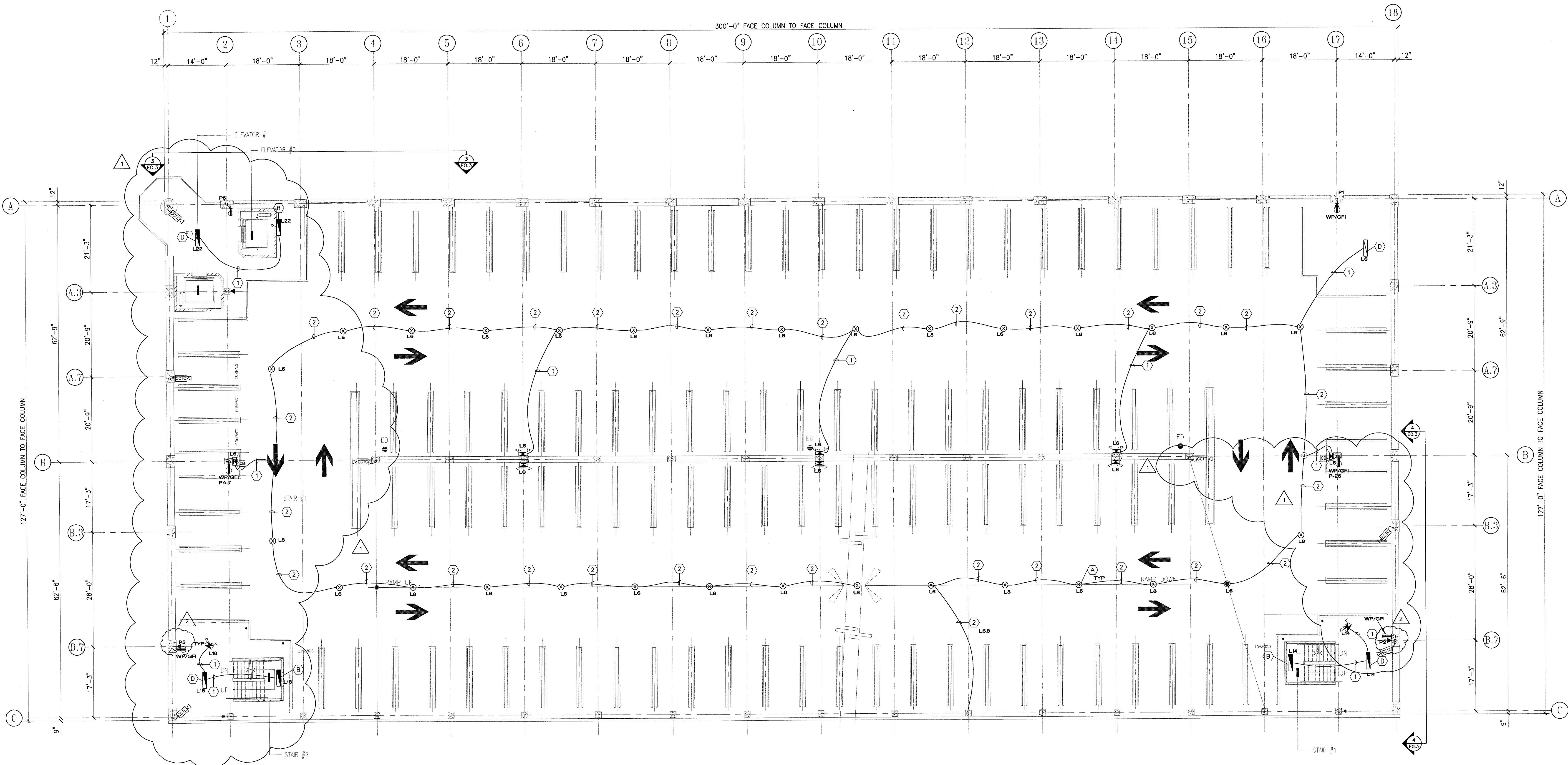
SHEET TITLE

LEVEL P-4  
PWR&LIGHTING

DATE	SCALE
29, NOVEMBER 2004	3/32" = 1'-0"
DRAWN BY RMFA	CHECKED BY DS
DRAWING NO. 2319A-2-4	SHEET 8 OF 10
PROGRAM NO.	R-N.O.

DRAWING NO:  
E1.4

PROJECT NO:  
H N A 2319



- ELECTRICAL NOTES:
- ① PVC COATED 3 COND. #12 (H.N.G) MC CABLE IN CONCRETE SLAB
  - ② PVC COATED 4 COND. #12 (H.H.G) MC CABLE IN CONCRETE SLAB
  - ③ PVC COATED 5 COND. #12 (H.H.H.N.G) MC CABLE IN CONCRETE SLAB

1  
A-2.4  
LEVEL P-4 STRIPING PLAN  
SCALE: 3/32" = 1'-0"

CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE

STOCKTON, CALIFORNIA

OWNER:  
City of Stockton

DESIGN BUILDER:  
F&H Construction  
4945 Waterloo Road  
Stockton, California 95215  
209.931.3738

CONSULTANTS:  
Architect - Parking Consultant  
HNA / Pacific  
61 Sea Breeze Avenue  
Rancho Palos Verdes, California 90275  
310.544.8670

Design Architect:  
Wenell Mattheis Bowe  
246 E. Main Street  
Stockton, California 95202  
209.944.9110

Structural Engineer:  
Jessen-Wright Structural Engineers  
113 West 8th Avenue, Suite A  
Chicago, California 95225  
530.894.5345

Civil Engineer:  
Siegfried Engineering, Inc.  
4045 Coronado Avenue  
Stockton, California 95204  
209.943.2021

Plumbing Designer - Design/Builder:  
HRM Plumbing  
3650 Wilcox Road  
Stockton, California 95215  
209.931.9650

Electrical Designer - Design/Builder:  
Collins Electrical Co. Inc.  
611 W. Fremont Street  
Stockton, California 95203  
209.466.3691

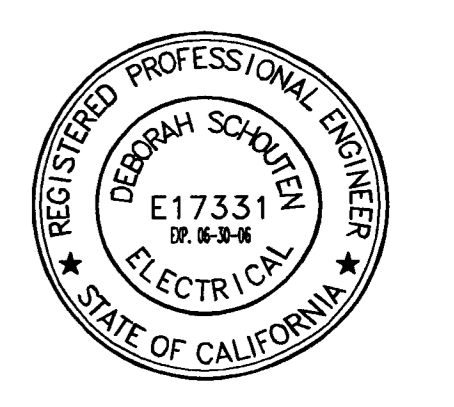
Mechanical Designer - Design/Builder:  
Comfort Air  
1607 Turnpike Road  
Stockton, California 95201  
209.466.4601

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CONST. DOCUMENTS

REVISIONS:		
△ PLAN CHECK		11-29-04
△ SECURITY UPDATE		01-26-05
△ SECURITY REVISION		02-10-05



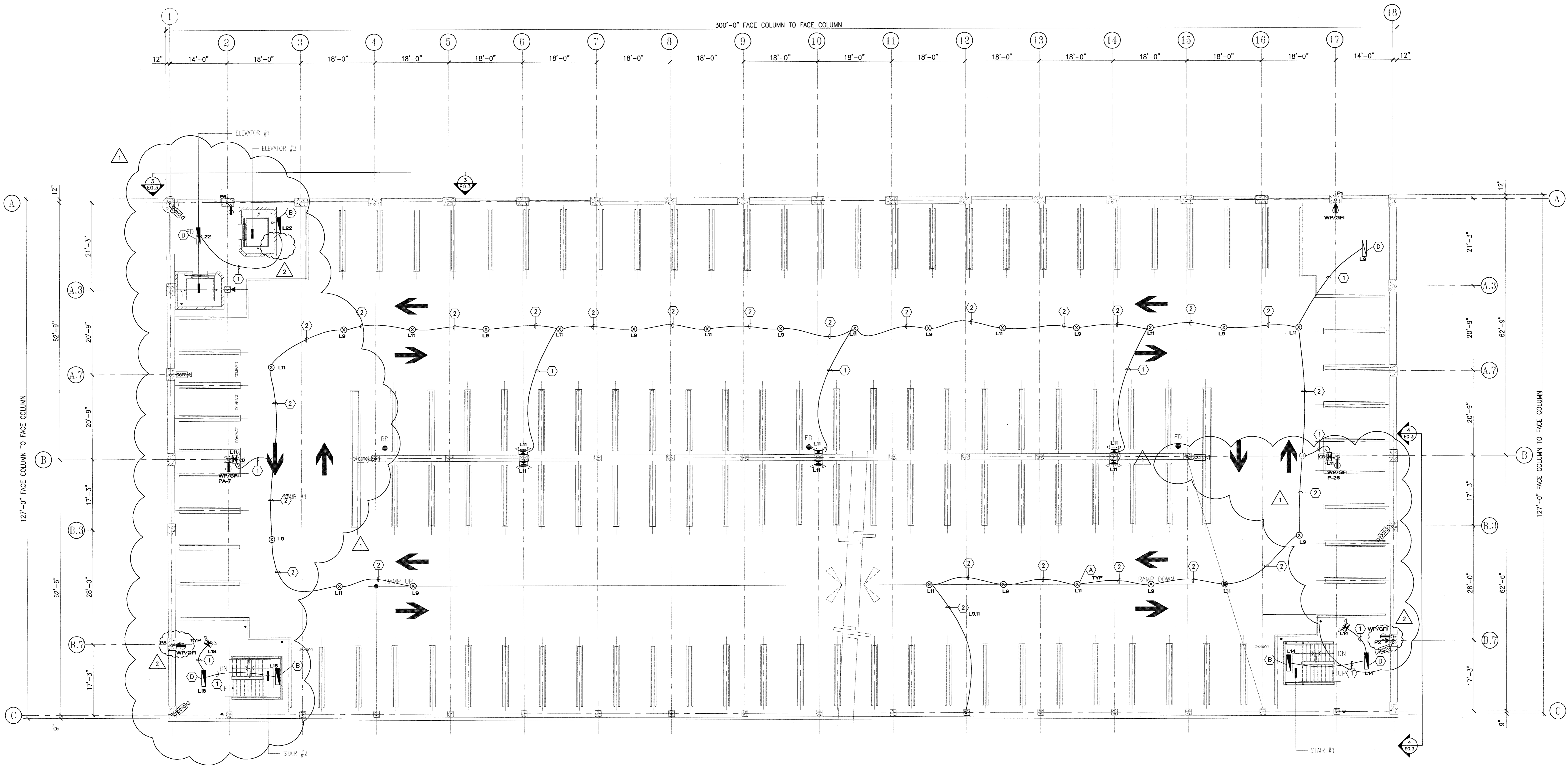
SHEET TITLE

LEVEL P-5  
PWR&LIGHTING

DATE	SCALE
29, NOVEMBER 2004	3/32" = 1'-0"
DRAWN BY	CHECKED BY
RMFA	DS
DRAWING NO.	SHEET
2319A-2-5	9 OF 10
PROGRAM NO.	R.NO.

DRAWING NO.:  
E15

PROJECT NO.:  
HNA 2319



- ELECTRICAL NOTES:
- ① PVC COATED 3 COND. #12 (HNG) MC CABLE IN CONCRETE SLAB
  - ② PVC COATED 4 COND. #12 (HNG) MC CABLE IN CONCRETE SLAB
  - ③ PVC COATED 5 COND. #12 (HHNG) MC CABLE IN CONCRETE SLAB



CITY OF STOCKTON  
EDMUND S. 'ED' COY  
PARKING STRUCTURE

STOCKTON, CALIFORNIA

OWNER:  
City of Stockton

DESIGN BUILDER:  
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Stockton, California 95215  
209. 931. 3738

CONSULTANTS:  
Architect - Parking Consultant  
HNA / Pacific  
61 Spa Grande Avenue  
Palo Alto, California 94302  
310. 544. 8670

Design Architect  
Wenell Mattheis Bowe  
246 E. Main Street  
Stockton, California 95202  
209. 944. 9110

Structural Engineer  
Jessen-Wright Structural Engineers  
113 West 8th Avenue, Suite A  
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Plumbing Designer - Design/Builder  
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Stockton, California 95215  
209. 931. 9650

Electrical Designer - Design/Builder  
Collins Electrical Co. Inc.  
611 W. Fremont Street  
Stockton, California 95203  
209. 466. 3691

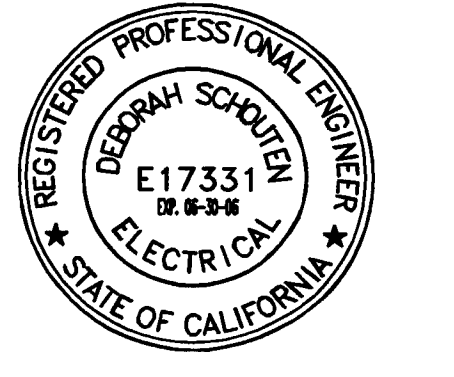
Mechanical Designer - Design/Builder  
Comfort Air  
1507 Turnpike Road  
Stockton, California 95201  
209. 466. 4601

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CONST. DOCUMENTS

REVISIONS:		
▲ PLAN CHECK	11-29-04	
▲ SECURITY UPGRADE	01-26-05	
▲ SECURITY REVISION	02-10-05	
▲ PLAN CHECK RESUBMITTAL	6-16-05	



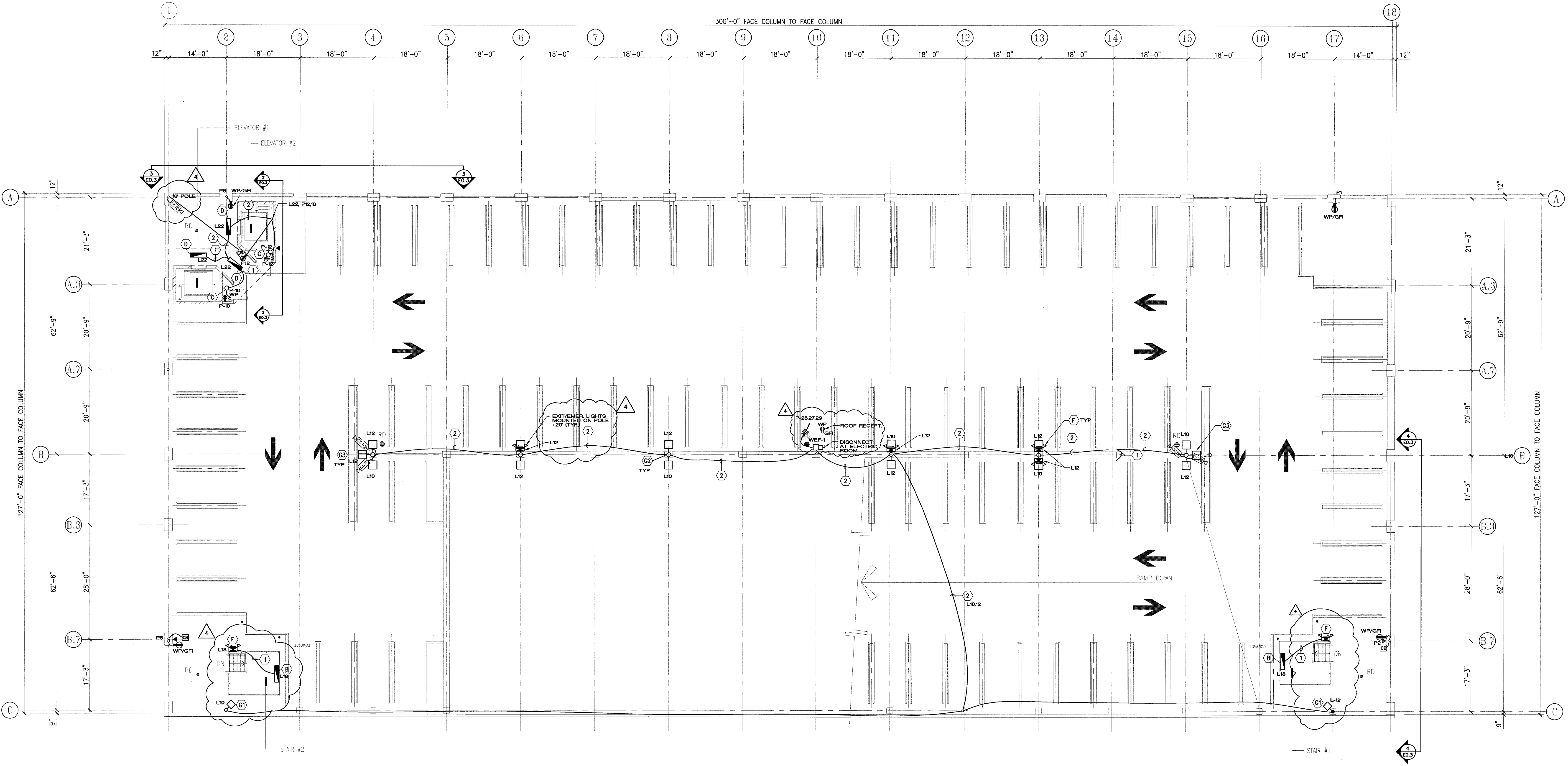
SHEET TITLE

LEVEL P-6  
PWR&LIGHTING

DATE	SCALE
16-6-05	3/32" = 1'-0"
DRAWN BY	CHECKED BY
RMFA	DS
DRAWING NO.	SHEET
2319A-2-6	10 OF 10
PROGRAM NO.	R-N.O.

DRAWING NO:  
E16

PROJECT NO:  
H N A 2319



- ELECTRICAL NOTES:
- ① PVC COATED 3 COND. #12 (H,N,G) MC CABLE IN CONCRETE SLAB
  - ② PVC COATED 4 COND. #12 (H,H,G) MC CABLE IN CONCRETE SLAB
  - ③ PVC COATED 5 COND. #12 (H,H,H,G) MC CABLE IN CONCRETE SLAB

true north    plan north

1 LEVEL P-6 POWER & LIGHTING  
E1.6 SCALE: 3/32" = 1'-0"