

**McCLONE CONSTRUCTION COMPANY**

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CONCRETE OUTLINES		
REVISION	1	REVISION DESCRIPTION
DATE	03/13/2000	SUBMITTAL FOR APPROVAL

<input type="checkbox"/> Approved	Fabrication / installation may be undertaken. Approval does not authorize changes to the Contract Documents.
<input checked="" type="checkbox"/> Approved as noted	
<input type="checkbox"/> Revise and Resubmit	Fabrication / installation MAY NOT be undertaken in re-submitting. Item corrections to items marked.
<input type="checkbox"/> Rejected	

Review is only for general conformance with the design concepts in the covered documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and corrected at the job site. Fabrication processes and techniques of construction are the responsibility of the Contractor. Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

**ENGLISH HARPER RETA**  
ARCHITECT  
By BH Date 3/22/00

FOR PARKING GARAGE STRUCTURE ONLY  
NOT FOR ESSENTIAL SERVICES BUILDING

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TURNER CONSTRUCTION CO.

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL CONFORMANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRECTED AT THE JOB SITE. FAMILIARIZATION AND VERIFICATION OF CONSTRUCTION CONCEPTS OF THIS WORK WITH THAT OF ALL OTHER TRADES AND THE ARCHITECTOR'S PERFORMANCE OF THIS WORK.	ISSUE CORRECTIONS TO THIS SET OF DRAWINGS FOR THE WORK SHOWN IN THESE DRAWINGS. THE ARCHITECTOR'S REVIEW IS LIMITED TO THE WORK SHOWN IN THESE DRAWINGS AND DOES NOT EXTEND TO THE CONSTRUCTION OF THIS WORK.
DATE: 3/22/00	BY: LBH

\* no structural review performed  
architect verify elevations & clearances

RECEIVED MAR 15 2000 RAT
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ESSENTIAL SERVICES PARKING GARAGE  
STOCKTON, CA

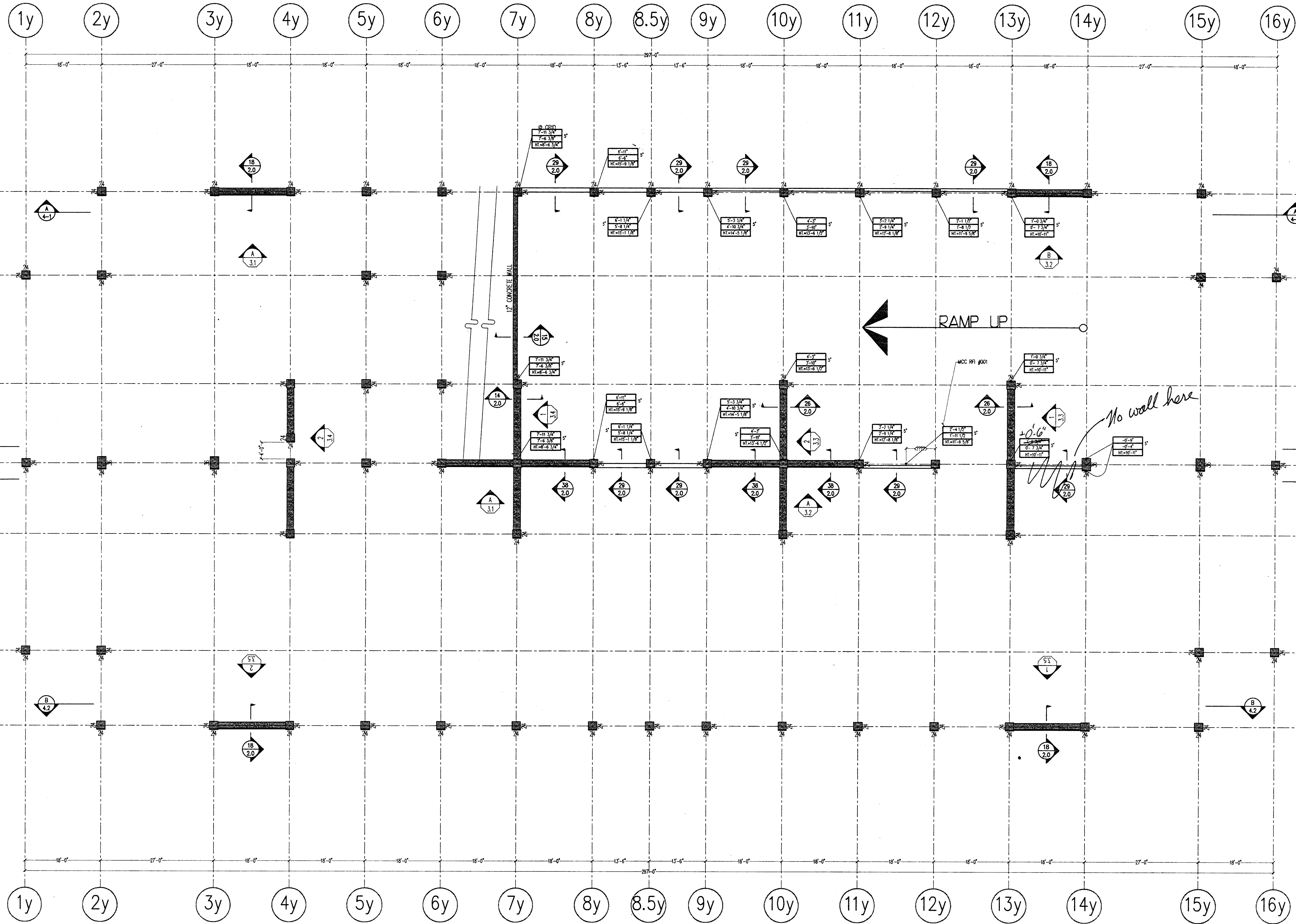
McCLONE CONSTRUCTION JOB #405

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STRUCTURAL ENGINEERS, INC.

NOTE TO APPROVERS AND USERS:  
THESE DRAWINGS WERE PREPARED FOR USE TO  
INSTALL THE HORIZONTAL AND VERTICAL FORMWORK.  
REFERENCE CONTRACT DRAWINGS FOR INFORMATION NOT SHOWN.

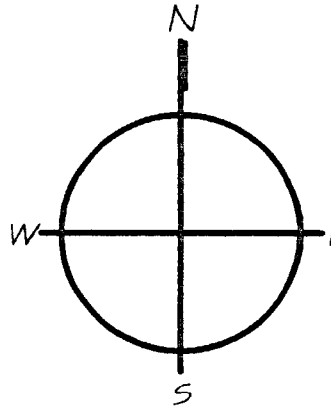
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BY:
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DRAWING INDEX
ESSENTIAL SERVICES PARKING GARAGE STOCKTON, CA
McCLONE CONSTRUCTION COMPANY 4340 PRODUCT DRIVE • SINGLE SPRINGS, CA 95687 VOICE (530) 677-1027 • FAX (530) 677-3984
SCALE 1/4"=1'-0"
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JOB 405
SHEET INDEX

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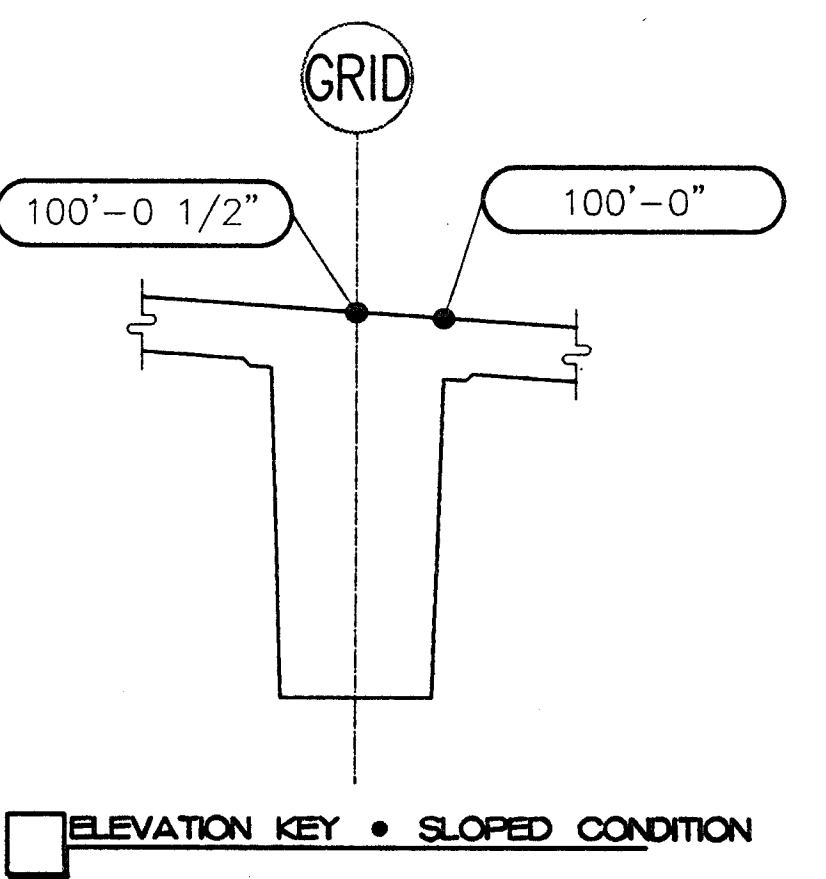


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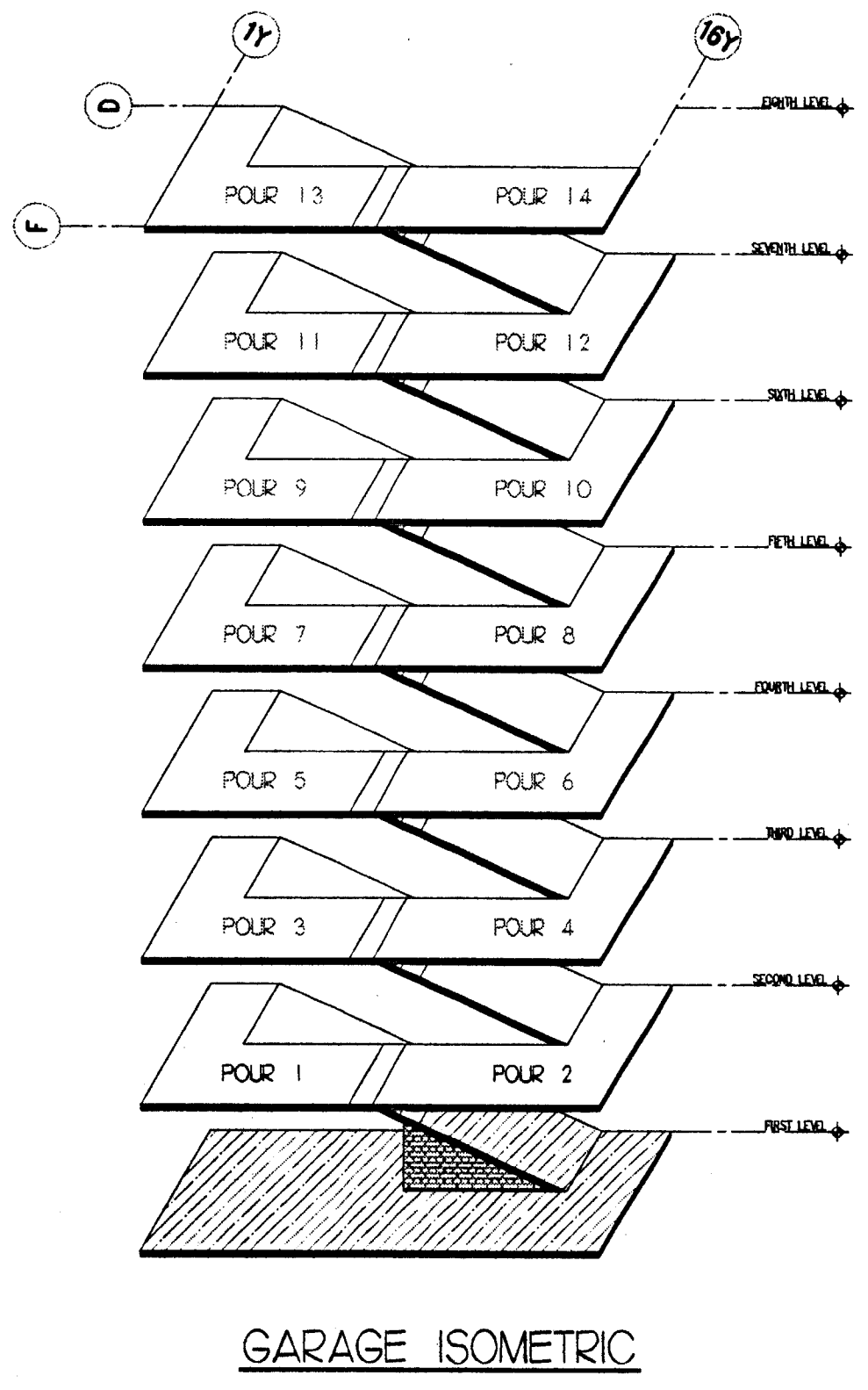


**FIRST LEVEL SOFFIT PLAN**



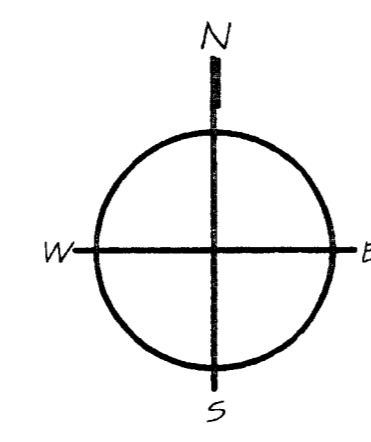
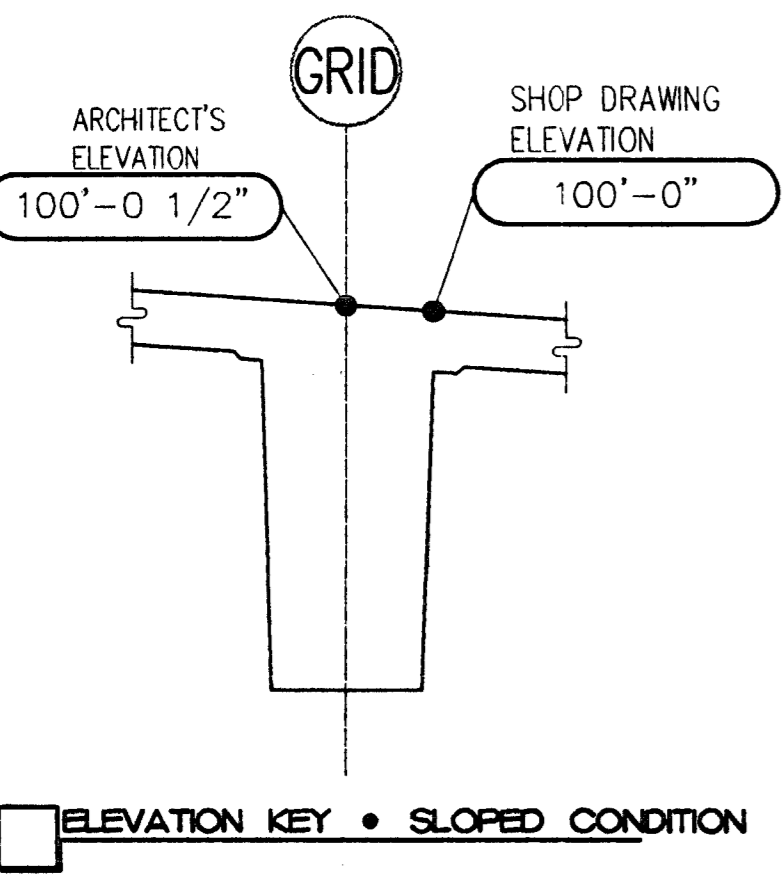
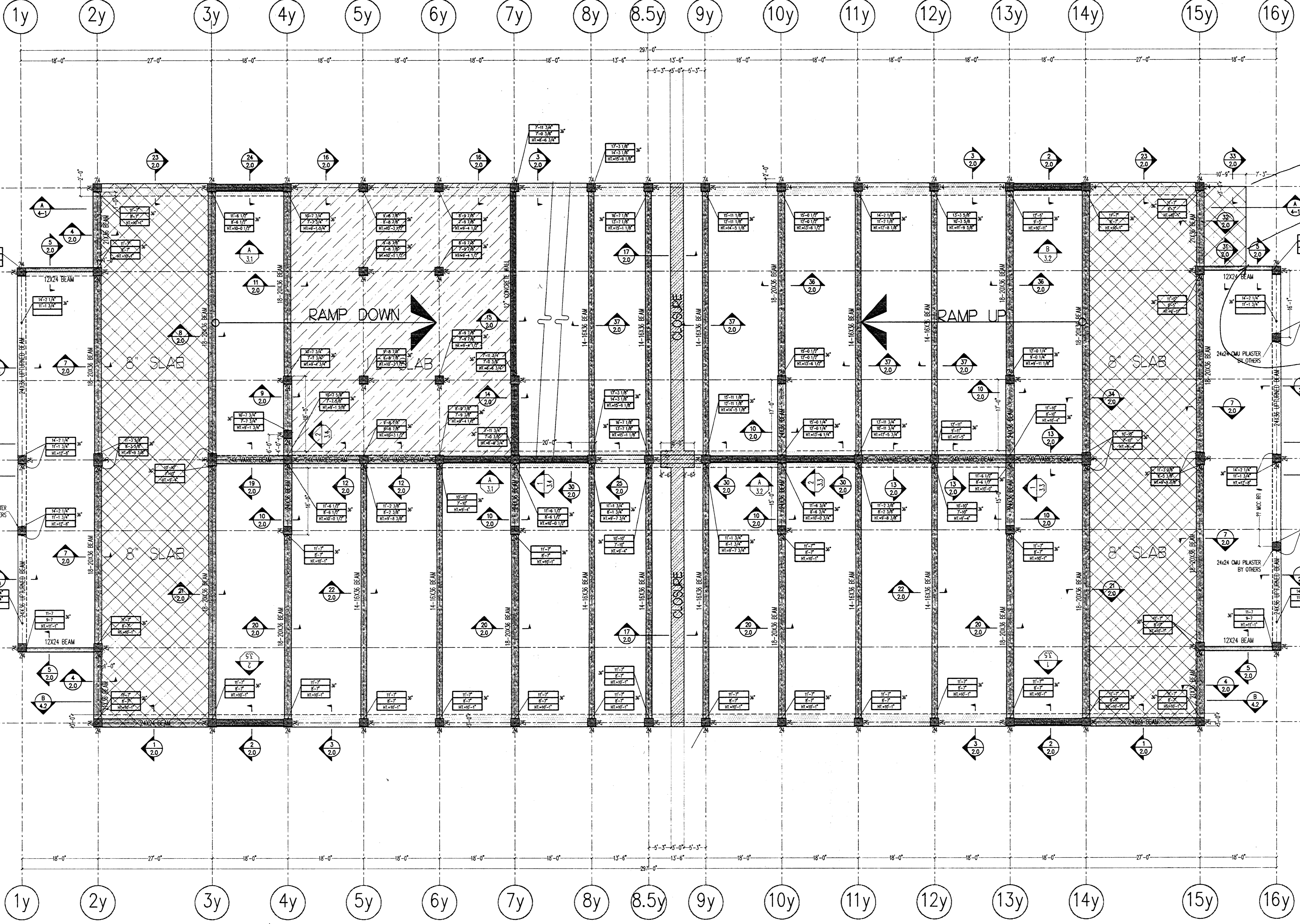
**LEGEND**

- ELEVATION LOCATION
- SLAB/BEAM/CAPITAL SOFFIT ELEVATION OR TOP OF CONCRETE COLUMN-FORM LENGTH (IF PROVIDED)
- SECTION DESIGNATION
- ELEVATION VIEW DESIGNATION
- SHADE DESIGNATIONS
- TOP OF SLAB ELEVATION
- THICKNESS OF SLAB/BEAM/CAPITAL, IF ELEVATION IS TO EXPRESS TOP OF COLUMN/WALL, IF AT RAMP, HIGHER SIDE IS SHOWN.
- THICKNESS OF CONCRETE ON WALL/COLUMN, ETC.



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SCALE	3/8"=1'-0"
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JOB	405
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**SECOND LEVEL SOFFIT PLAN**

**LEGEND**

ELEVATION LOCATION: TOP OF SLAB ELEVATION

SLAB/BEAM/CAPITAL SOFFIT ELEVATION OR TOP OF CORBEL:  $11'-0''$  AS 1/2" THICKNESS OF SLAB/BEAM/CAPITAL IF ELEVATION = 0 THEN NOTATION IS TO EXPRESS TOP OF COLUMN/WALL IF AT RAMP HIGHER SIDE IS SHOWN.

COLUMN-FORM LENGTH (IF PROVIDED):  $11'-30''$  - 0 1/2"

SECTION DESIGNATION:  $\Delta$  11

SHEET REFERENCE: 21

ELEVATION VIEW DESIGNATION:  $\nabla$  1

SHEET REFERENCE: 4.7

ELEVATION LOCATION: TOP OF CONCRETE ON WALL/COLUMN, ETC.

**SHADE DESIGNATIONS**

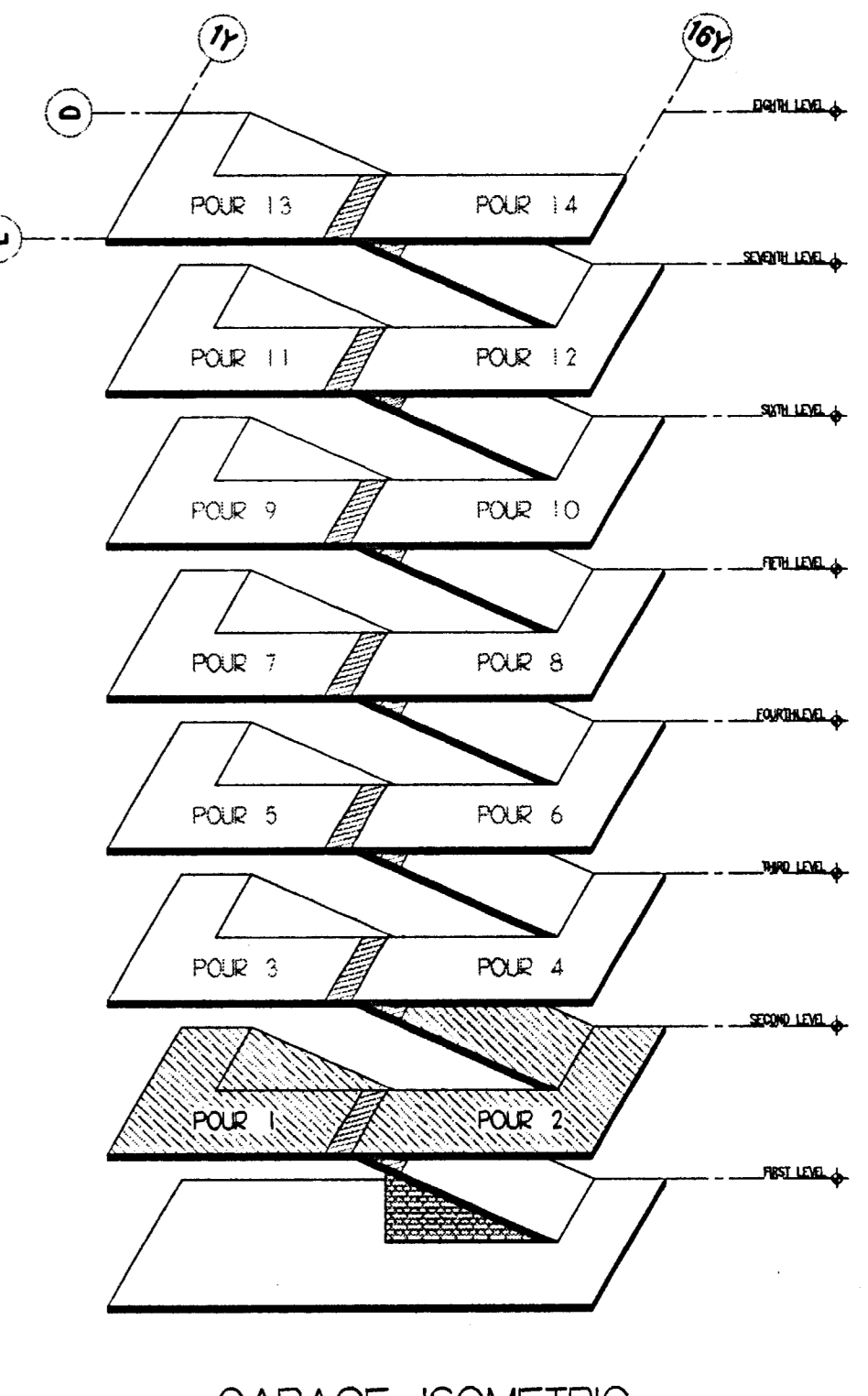
8" SLAB:

6" SLAB:

12" SLAB:

CLOSURE STRIP:

LINE TYPE REPRESENTS BOUNDARY OF THICKENED SLAB:



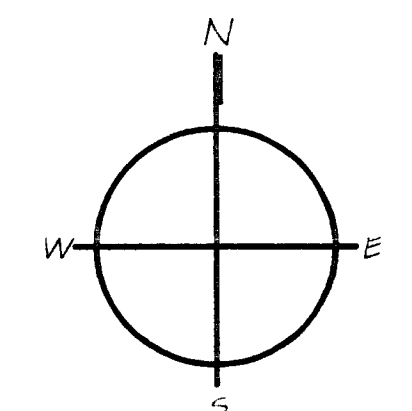
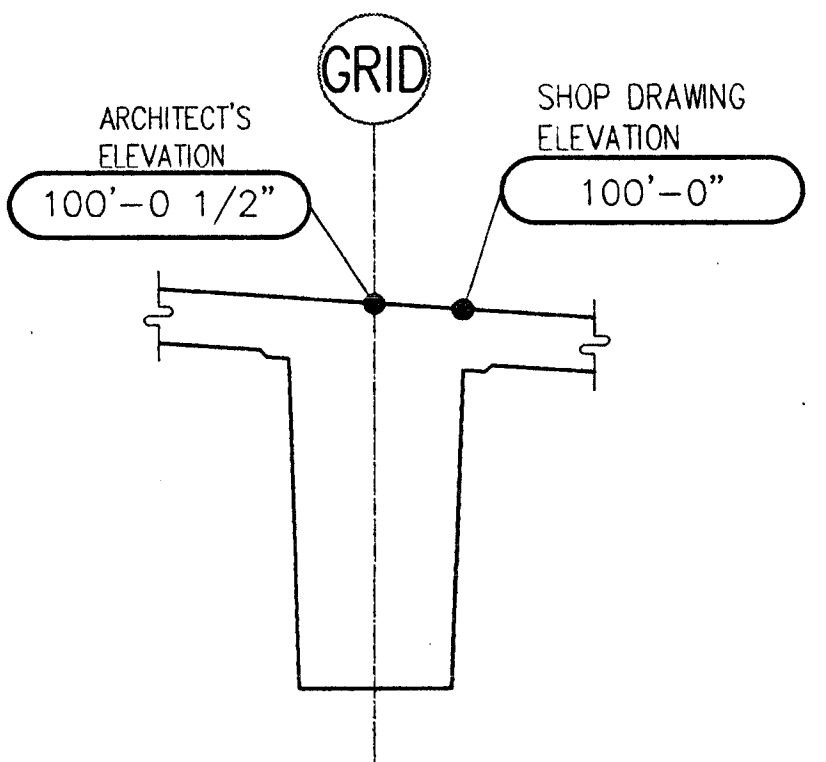
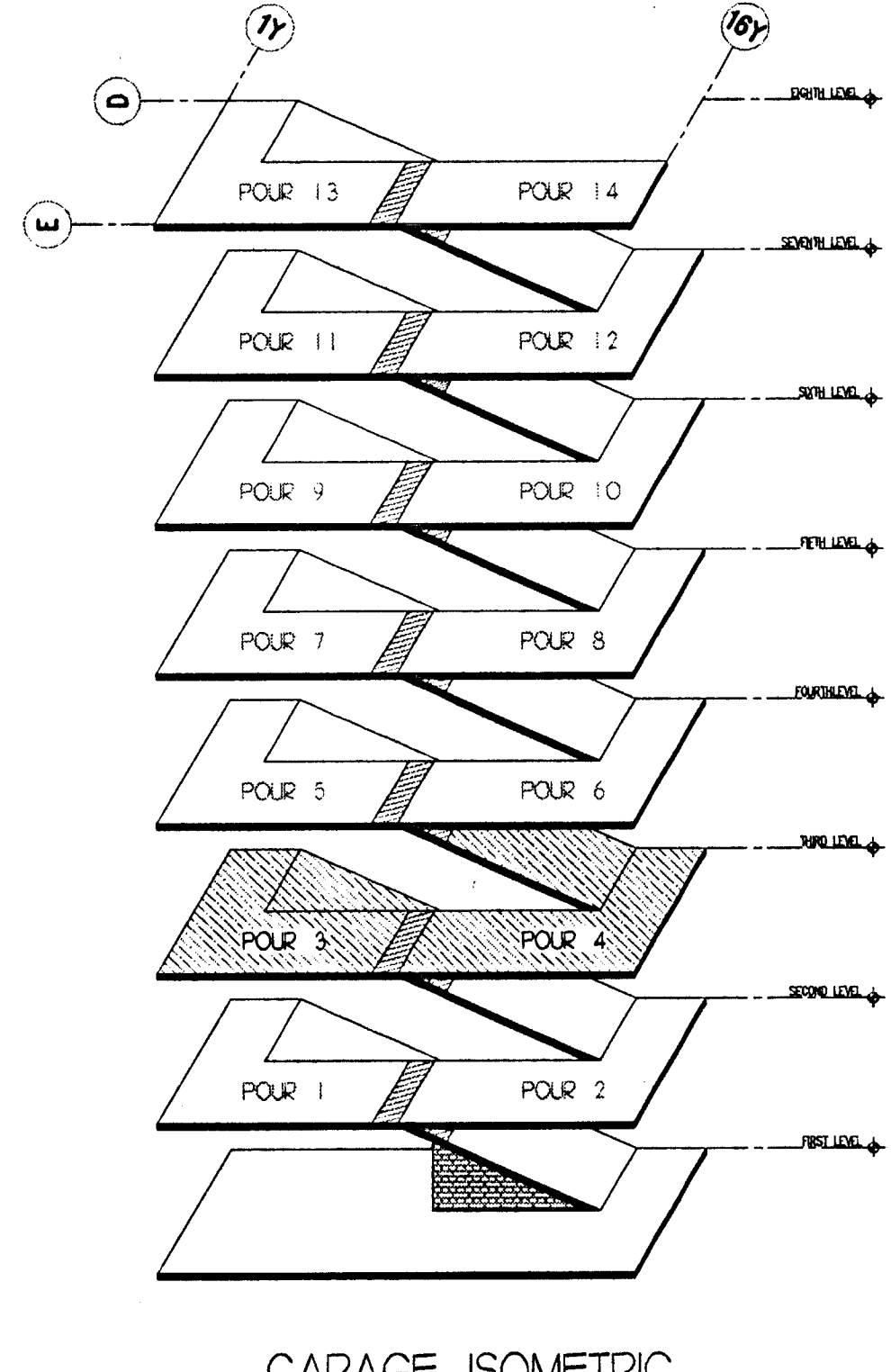
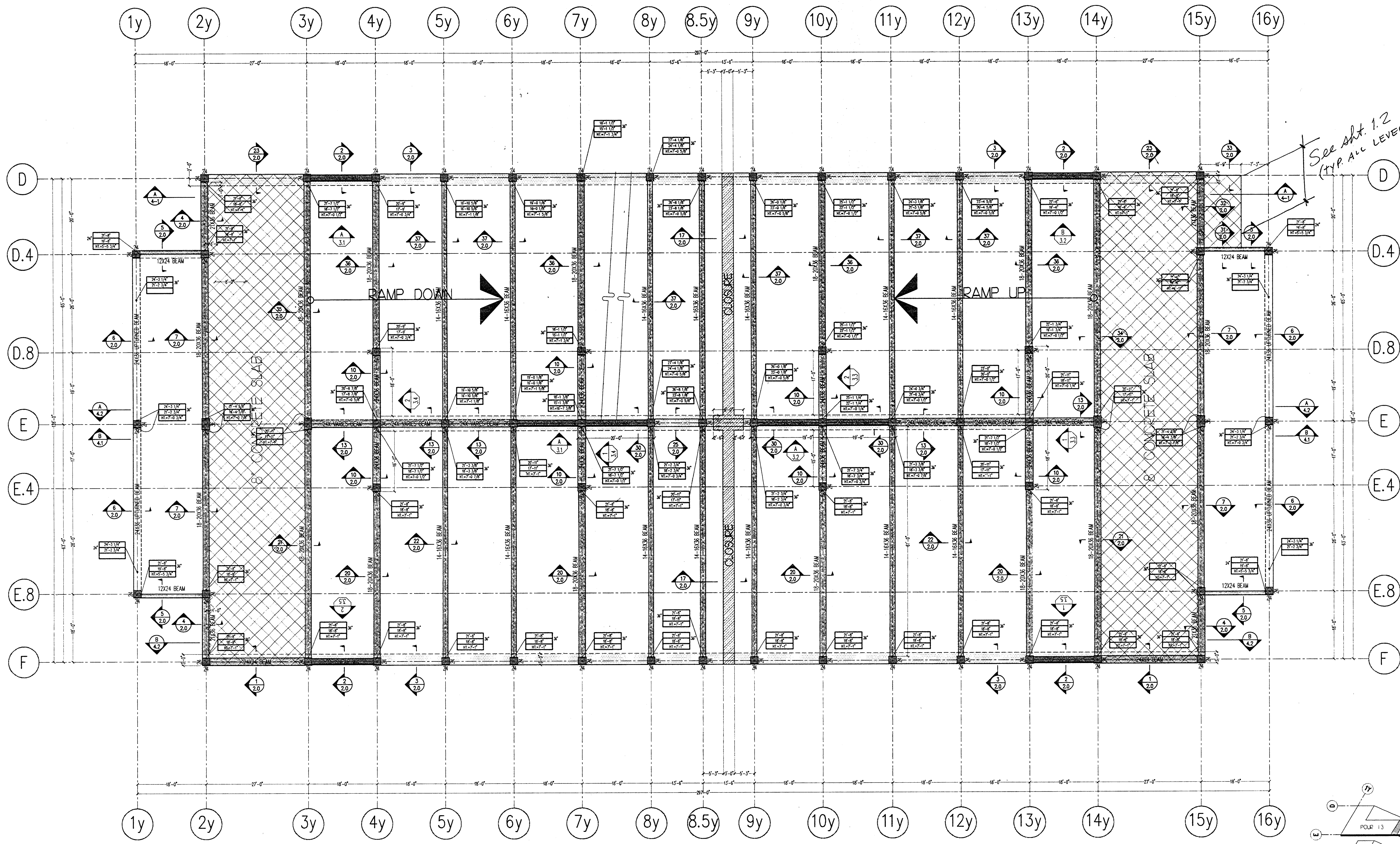
Approval: \_\_\_\_\_  
 Prepared by: \_\_\_\_\_  
 Checked by: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 English Hammer Reel  
 BT 3/20/00

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DATE	03/10/00
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CHECKED BY	AKS
SHEET 1.2	





# THIRD LEVEL SOFFIT PLAN

**LEGEND**

ELEVATION LOCATION ——— TOP OF SLAB ELEVATION  
SLAB/BEAM/CAPITAL ——— 4'-0\"/>  
SOFFIT ELEVATION ON TOP OF CORREL ——— 4'-0 1/2\"/>  
COLUMN-FORM LENGTH ——— 1'-0 1/2\"/>  
(IF PROVIDED)

THICKNESS OF SLAB/BEAM/CAPITAL IF ELEVATION = 0 THEN NOTATION IS TO EXPRESS TOP OF COLUMN/WALL IF AT RAMP, HIGHER SIDE IS SHOWN.

SECTION DESIGNATION ——— 11\"/>  
SHEET REFERENCE ——— Z1

ELEVATION VIEW DESIGNATION ——— 41\"/>  
SHEET REFERENCE ——— 41

ELEVATION LOCATION ——— 31'-6\"/>  
TOP OF CONCRETE ON WALL/COLUMN/ETC.

**SHADE DESIGNATIONS**

8\" SLAB

CLOSURE STRIP

See Art. 1.2 (TYP. ALL LEVELS)

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DATE: 3/22/00  
BY: BH

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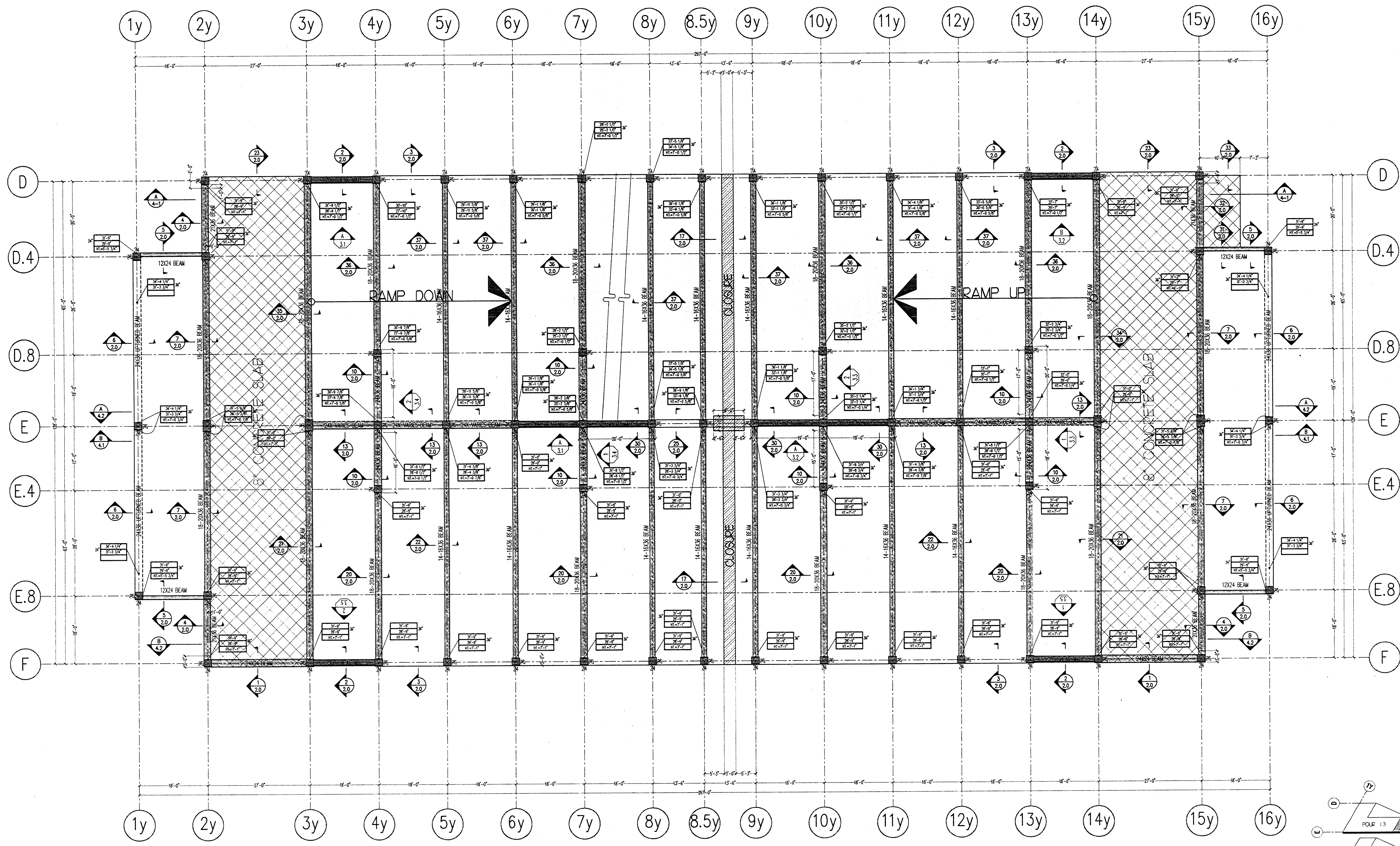
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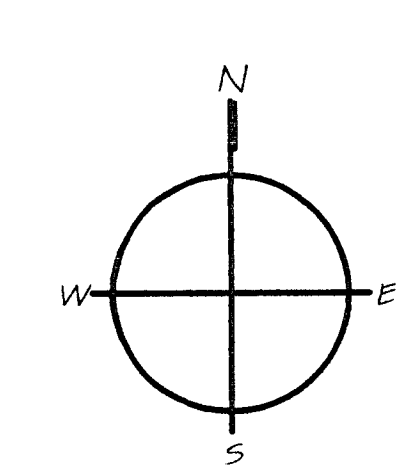
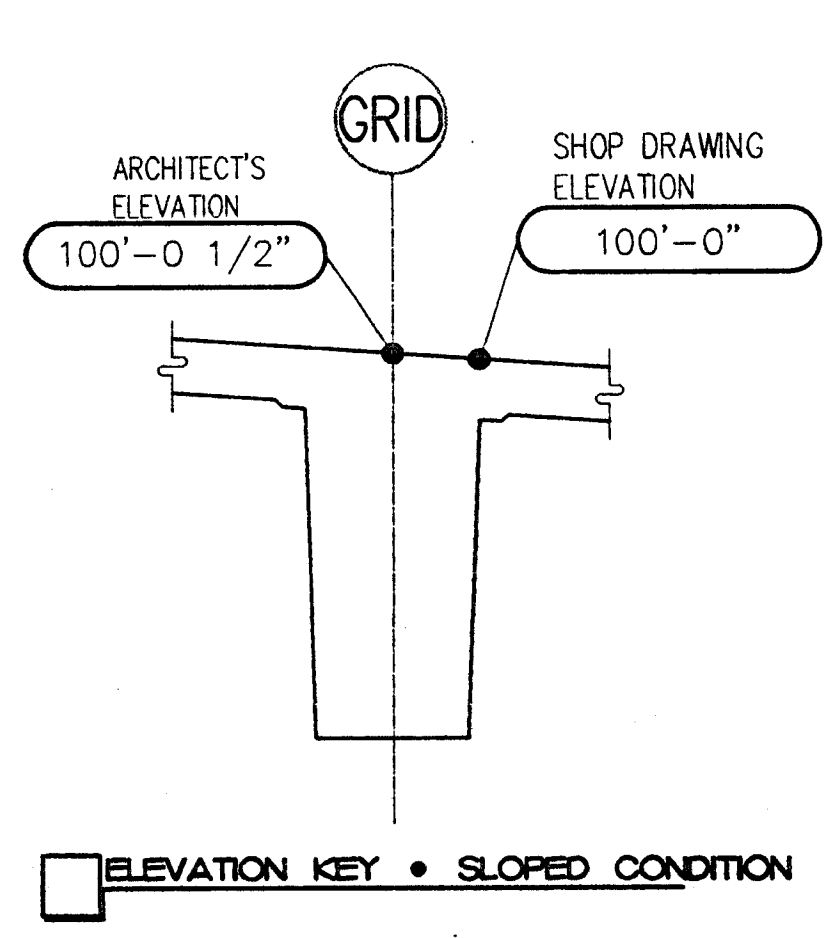
Approved as Contracted  
Reviewed and Returned  
Rejected

Approval of this drawing is based on the information provided by the contractor. The contractor is responsible for making the work conform to the approved drawing. The contractor is responsible for obtaining all necessary permits and approvals from the appropriate authorities. The contractor is responsible for the safety of the work and the protection of the property.

3/22/00

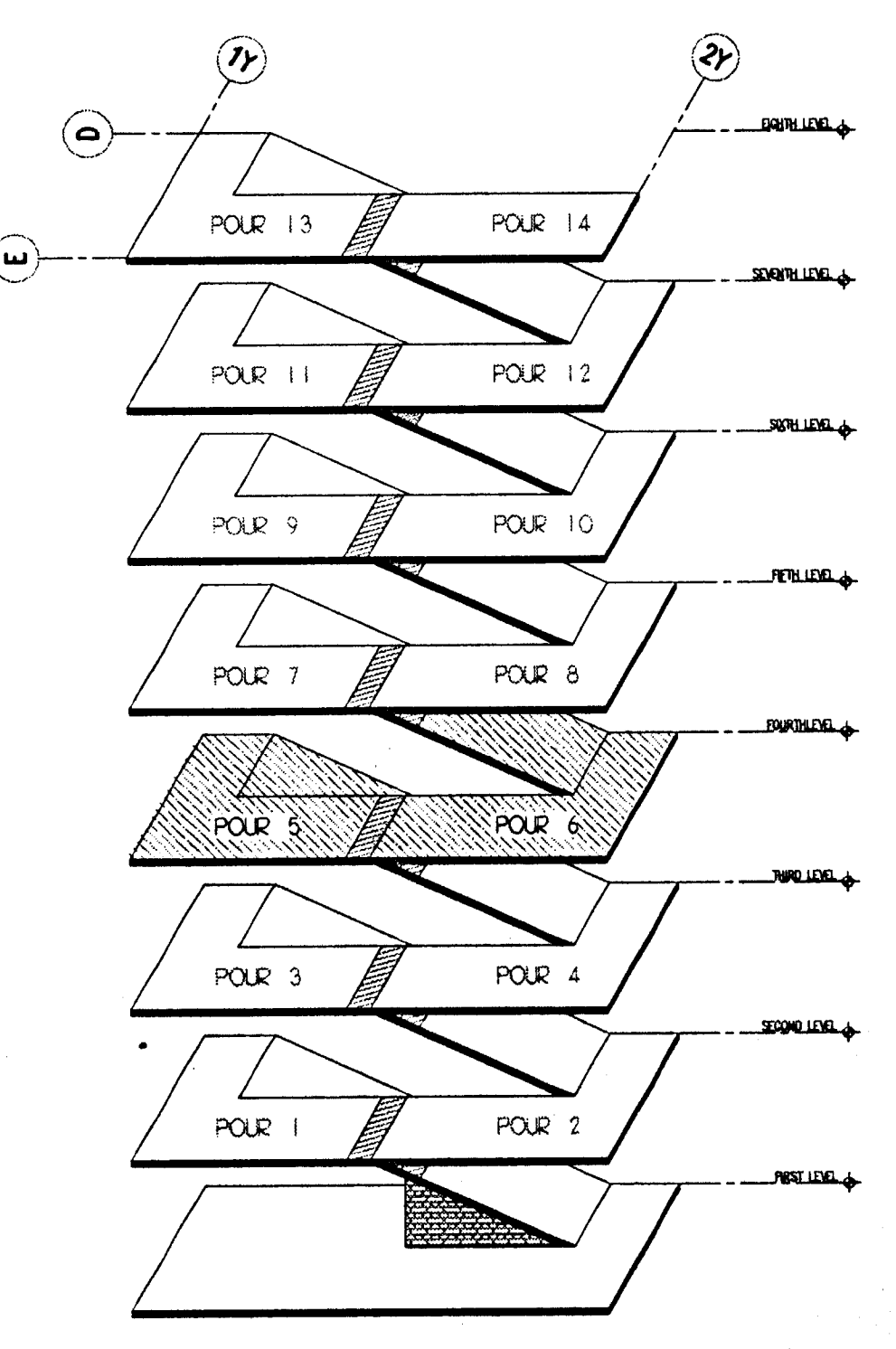
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# FOURTH LEVEL SOFFIT PLAN

LEGEND	
ELEVATION LOCATION	TOP OF SLAB ELEVATION
SLAB/BREAM/CAPITAL SOFFIT ELEVATION OR TOP OF CORSEL	43'-0" 1/2" 1/2"
COLUMN FORM LENGTH (IF PROVIDED)	30'-0 1/2"
SECTION DESIGNATION	THICKNESS OF SLAB/BREAM/CAPITAL IF ELEVATION
SHEET REFERENCE	0 THEN NOTATION IS TO EXPRESS TOP OF COLUMN/WALL IF AT RAMP, HIGHER SIDE IS SHOWN.
ELEVATION VIEW DESIGNATION	31'-6"
SHEET REFERENCE	TOP OF CONCRETE ON WALL/COLUMN, ETC.
SHADE DESIGNATIONS	
8" SLAB	[Pattern]
CLOSURE STRIP	[Pattern]



GARAGE ISOMETRIC

**McCLONE CONSTRUCTION COMPANY**  
1540 PRODUCT DRIVE • SINGLE SPRINGS, CA 95682  
VOICE (530) 677-1022 • FAX (530) 677-3884

**CITY OF STOCKTON  
ESSENTIAL SERVICES PARKING  
STOCKTON, CA**

**FOURTH LEVEL SOFFIT PLAN**

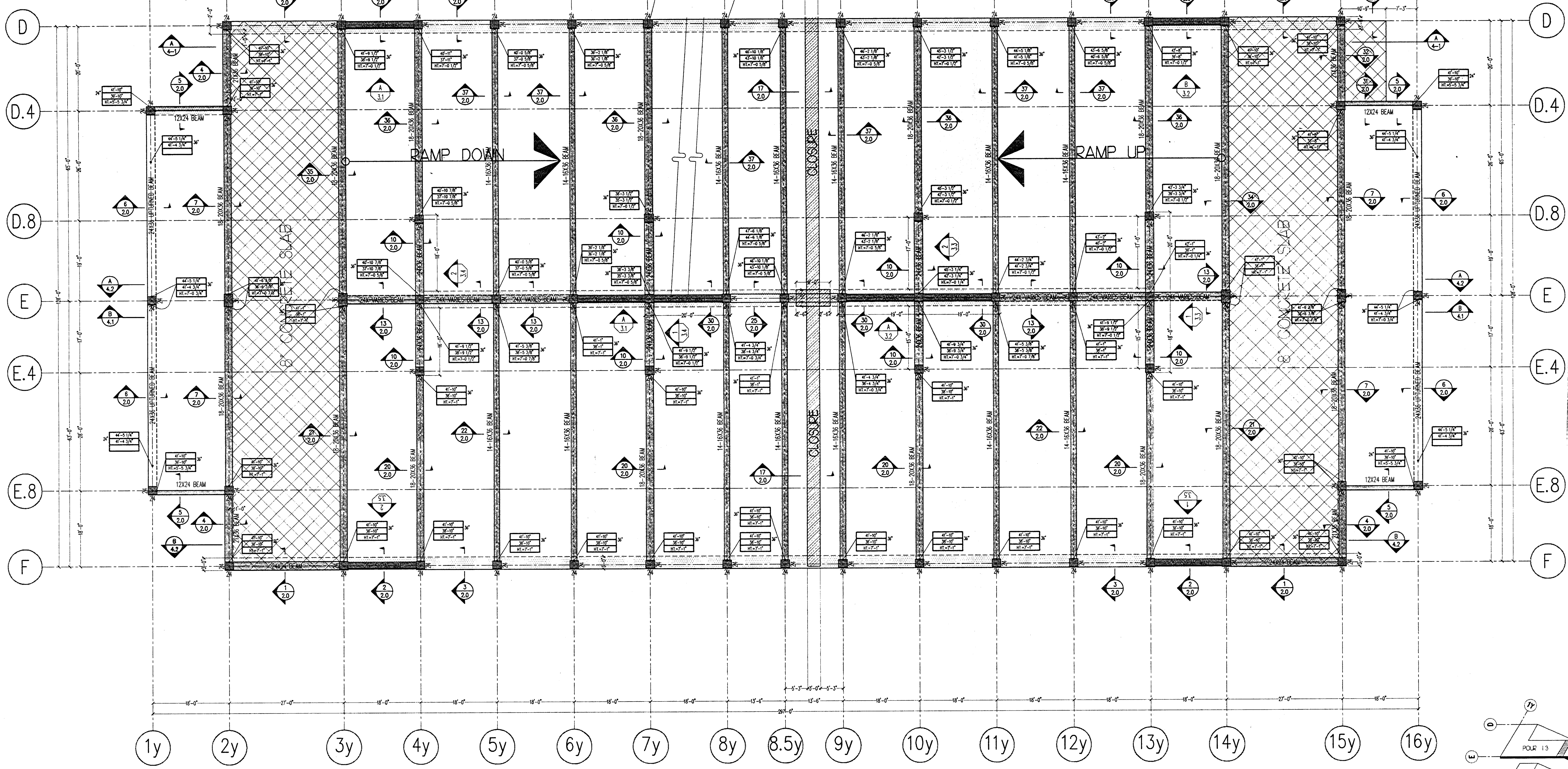
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SHEET **1.4**



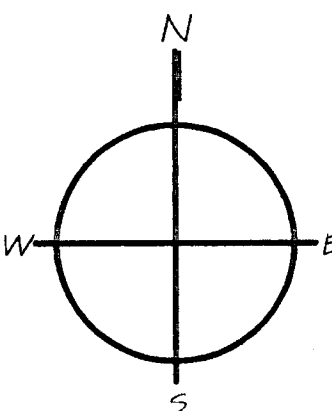
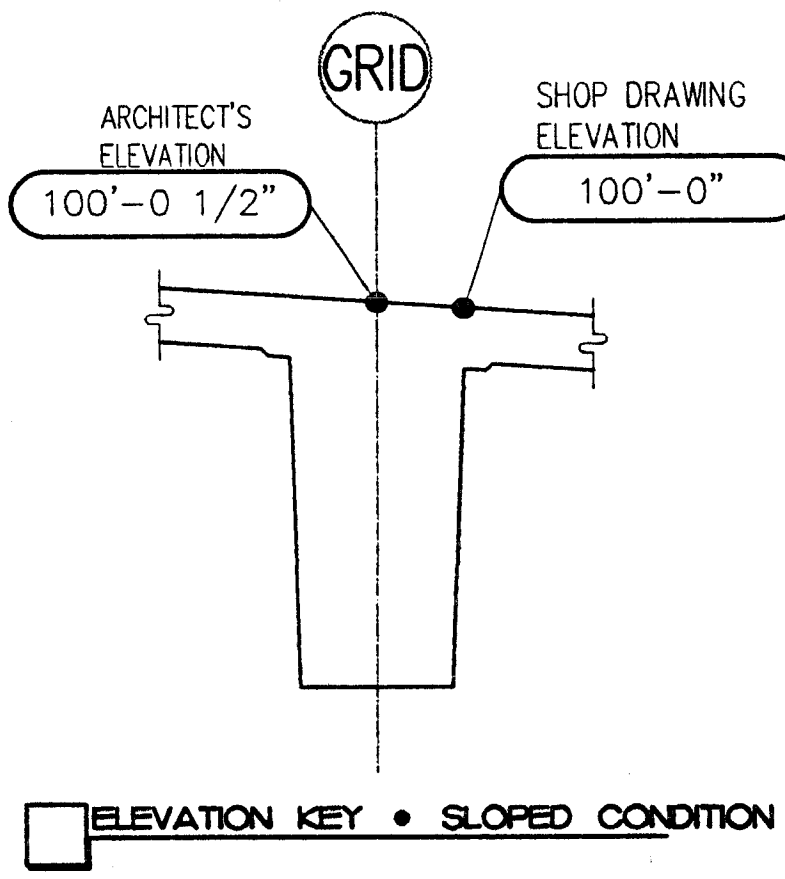
1y 2y 3y 4y 5y 6y 7y 8y 8.5y 9y 10y 11y 12y 13y 14y 15y 16y



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 PART



### FIFTH LEVEL SOFFIT PLAN

**LEGEND**

ELEVATION LOCATION → TOP OF SLAB ELEVATION

SLAB/BEAM/CAPITAL SOFFIT ELEVATION OR TOP OF CORBEL → THICKNESS OF SLAB/BEAM/CAPITAL IF ELEVATION IS TO EXPRESS TOP OF COLUMN/WALL IF AT RAMP, HIGHER SIDE IS SHOWN.

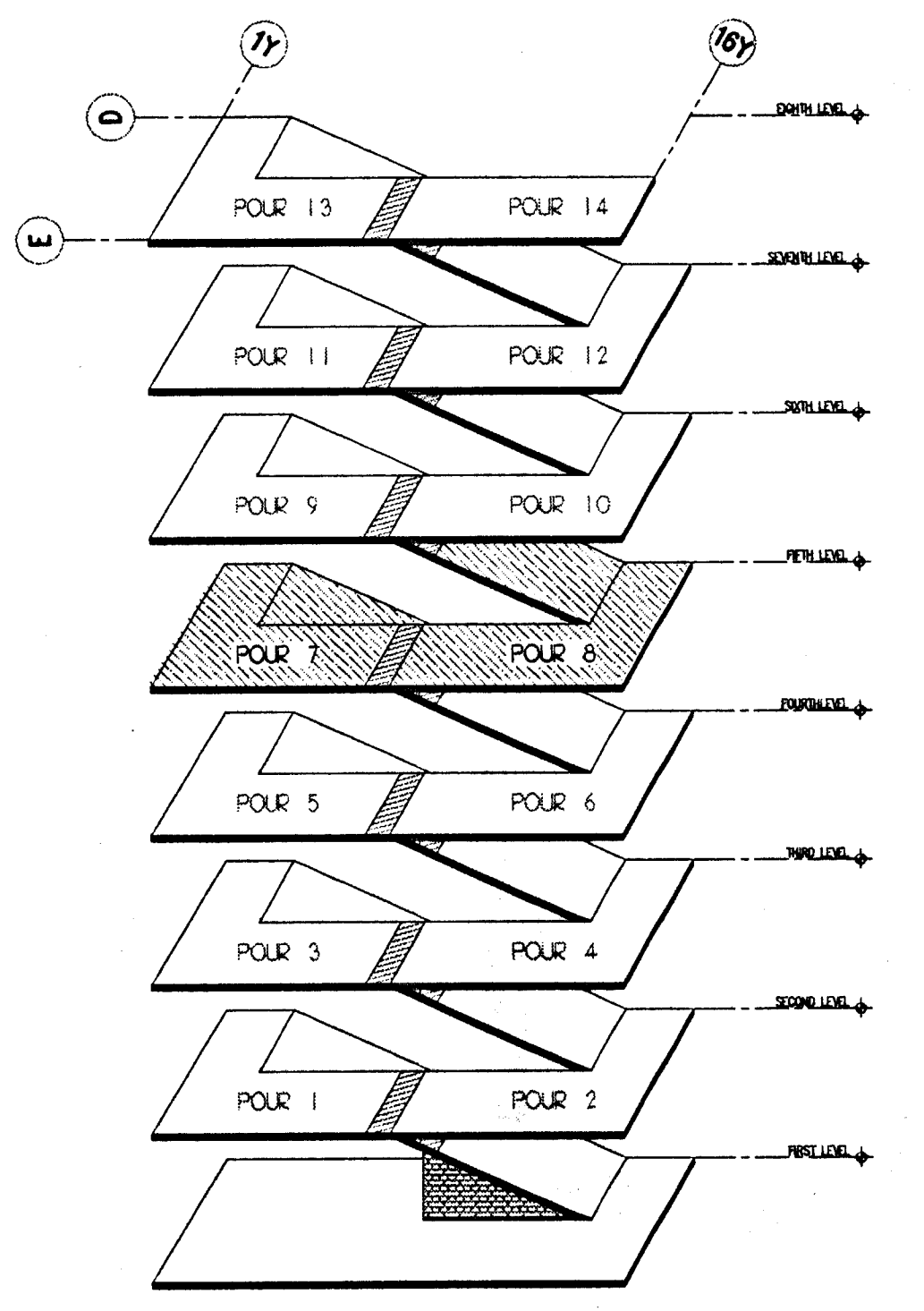
ELEVATION VIEW DESIGNATION → SHEET REFERENCE

ELEVATION VIEW DESIGNATION → SHEET REFERENCE

**SHADE DESIGNATIONS**

8" SLAB → [Hatched pattern]

CLOSURE STRIP → [Hatched pattern]



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DATE: 03/06

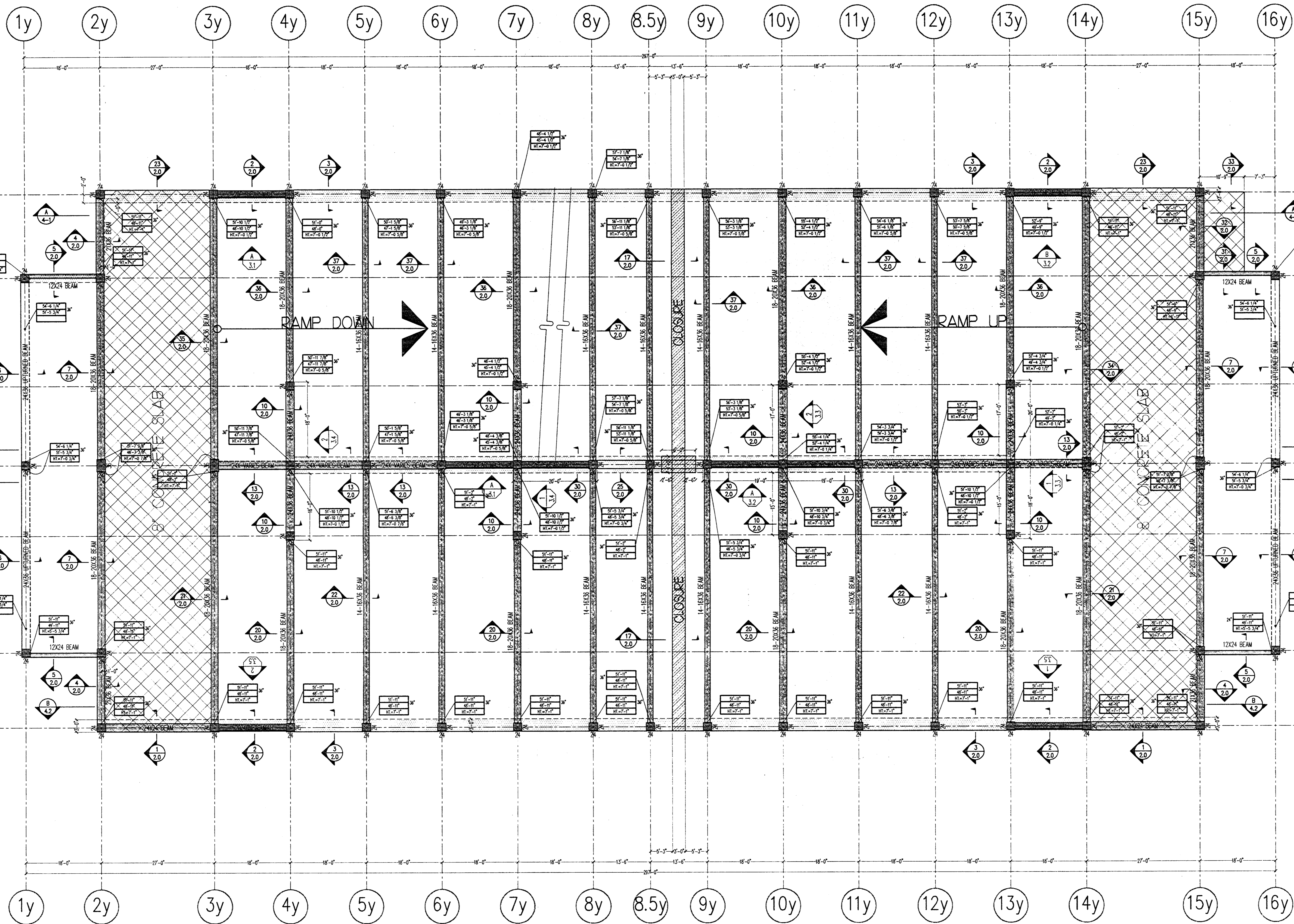
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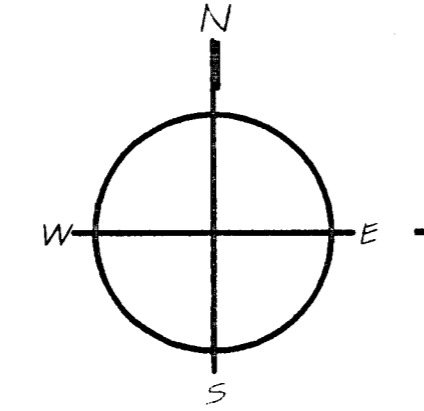
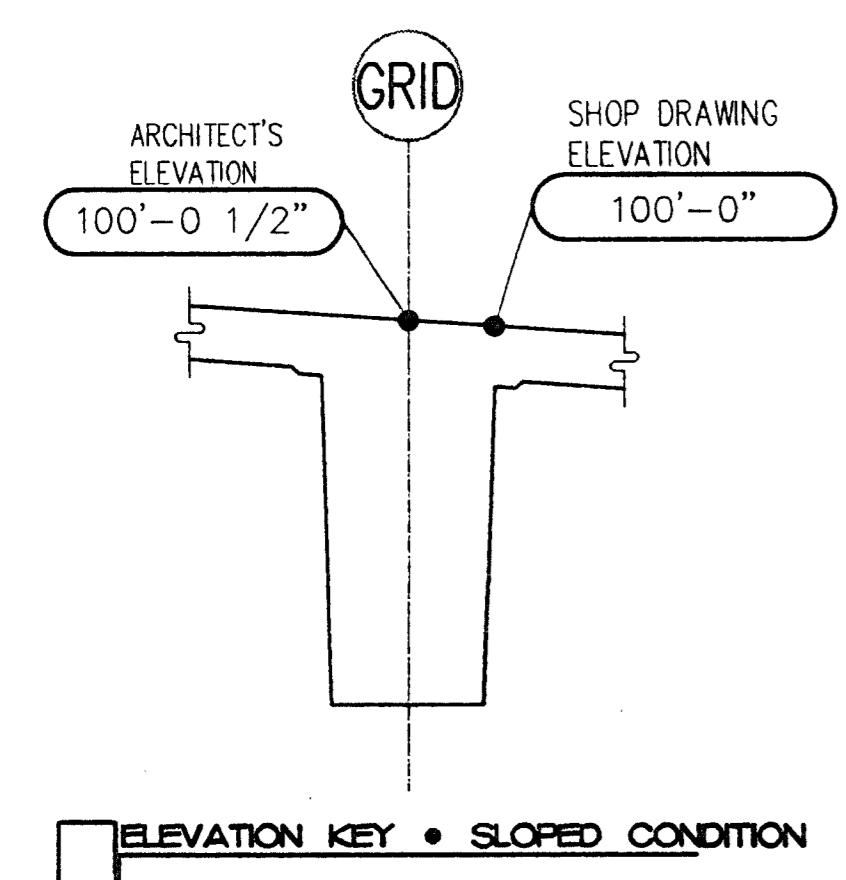
CITY OF STOCKTON  
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 STOCKTON, CA

FIFTH LEVEL SOFFIT PLAN





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SIXTH LEVEL SOFFIT PLAN

**LEGEND**

ELEVATION LOCATION: TOP OF SLAB ELEVATION

SLAB/B/EAM/CAPITAL SOFFIT ELEVATION: 43'-0" ± 1/2"

TOP OF CORSEL: 40'-0" ± 1/2"

COLUMN-FORM LENGTH (IF PROVIDED): 1'-30" ± 1/2"

THICKNESS OF SLAB/B/EAM/CAPITAL: IF ELEVATION = THEN NOTATION IS TO EXPRESS TOP OF COLUMN/WALL, IF AT RAMP, HIGHER SIDE IS SHOWN.

SECTION DESIGNATION: 11, 21

SHEET REFERENCE

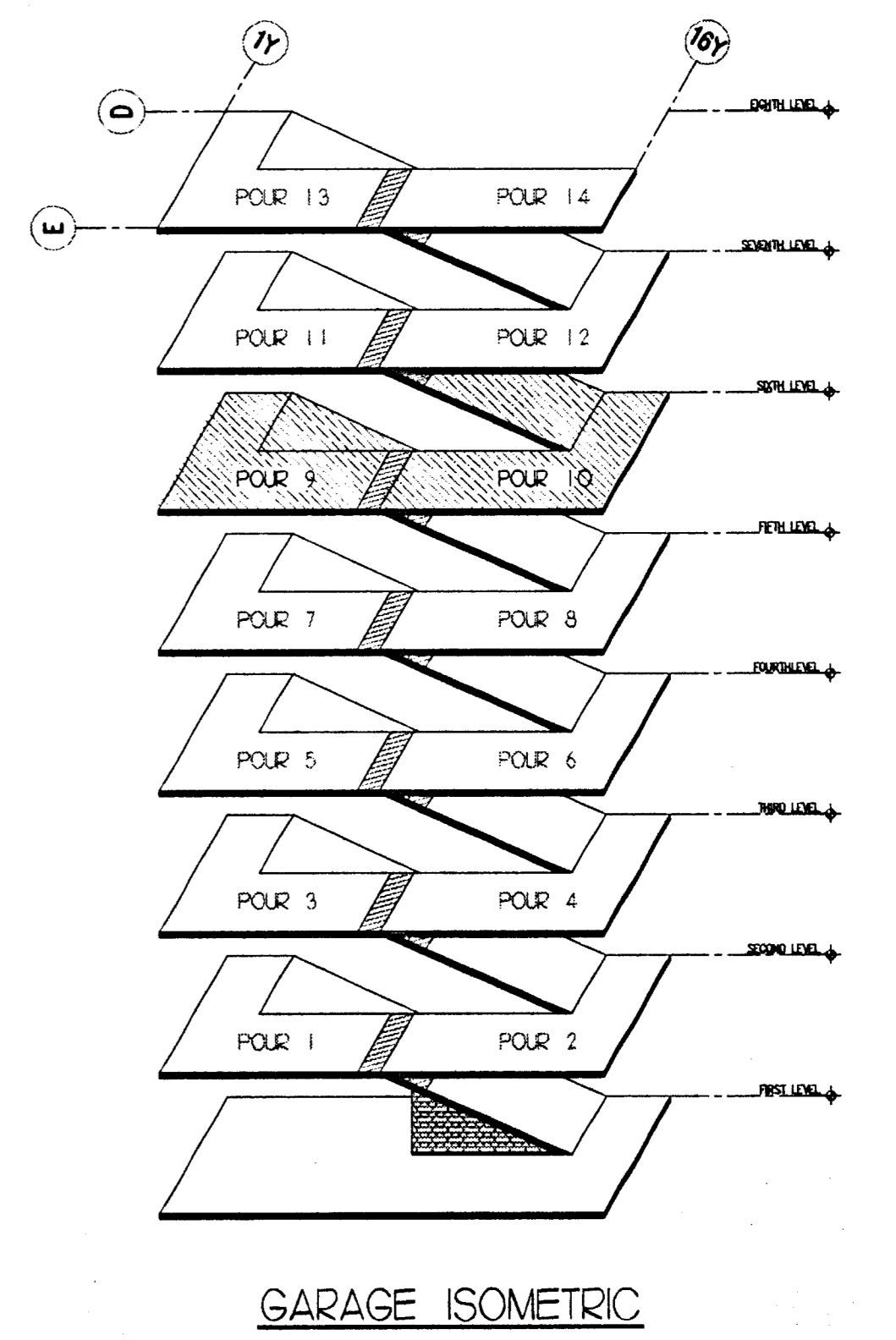
ELEVATION VIEW DESIGNATION: 31'-6"

SHEET REFERENCE: TOP OF CONCRETE ON WALL/COLUMN/ETC.

**SHADE DESIGNATIONS**

8" SLAB: [Cross-hatched pattern]

CLOSURE STRIP: [Hatched pattern]



NO.	DATE	DESCRIPTION

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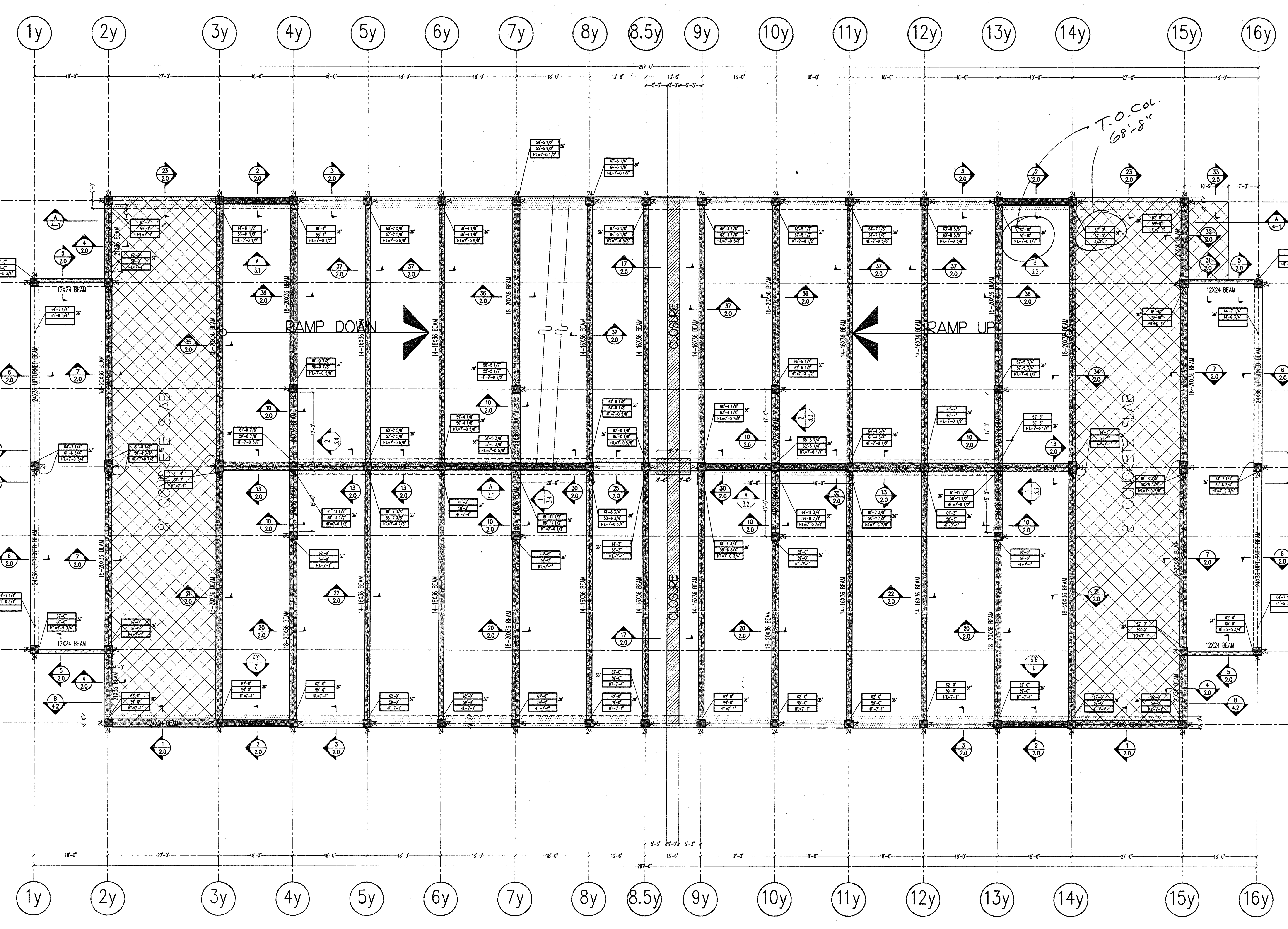
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OR: KS

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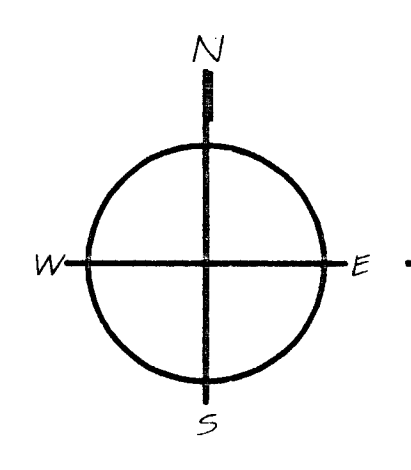
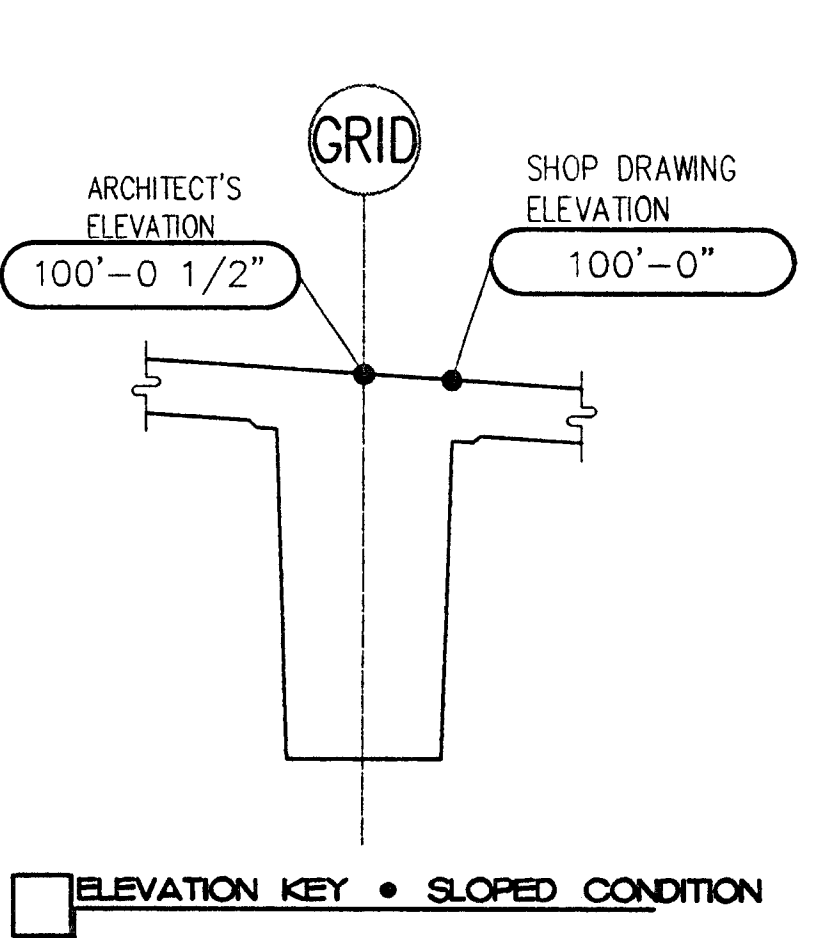


T.O. Col.  
68'-8"

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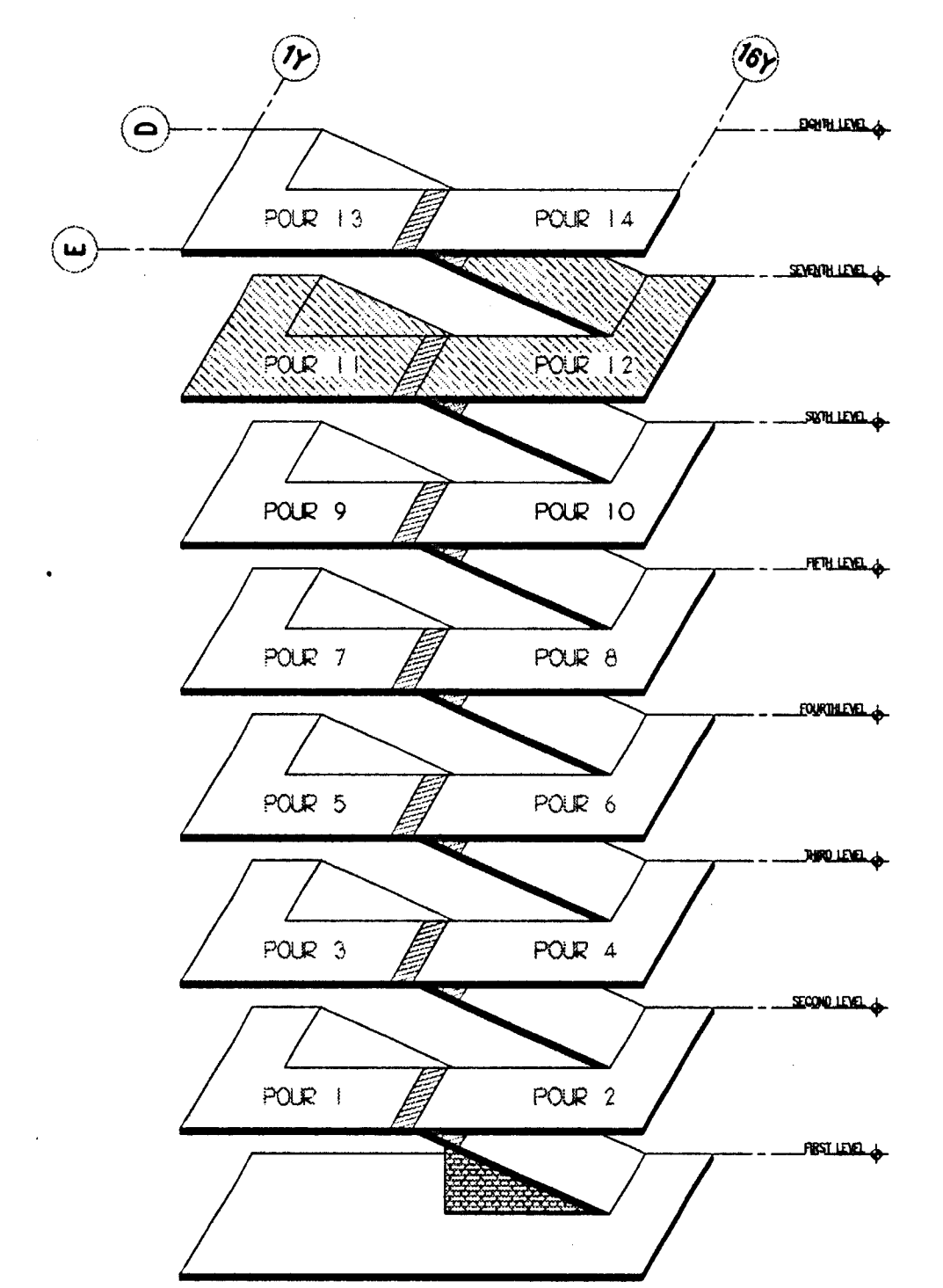
03100-03  
 3-15-00  
 RBT



**SEVENTH LEVEL SOFFIT PLAN**

**LEGEND**

- ELEVATION LOCATION: TOP OF SLAB ELEVATION
- SLAB/BEAM/CAPITAL SOFFIT ELEVATION OR TOP OF CORSEL: 4'-0" (1/2") ± 1/2"
- COLUMN-FORM LENGTH (IF PROVIDED): 1'-30" ± 1/2"
- THICKNESS OF SLAB/BEAM/CAPITAL: IF ELEVATION = 0 THEN NOTATION IS TO EXPRESS TOP OF COLUMN/WALL IF AT RAMP, HIGHER SIDE IS SHOWN.
- SECTION DESIGNATION: 11
- SHEET REFERENCE: 21
- ELEVATION VIEW DESIGNATION: ELEV
- SHEET REFERENCE: SHEET REFERENCE ON WALL/COLUMN, ETC.
- SHADE DESIGNATIONS: 8" SLAB (diagonal hatching), CLOSURE STRIP (horizontal hatching)



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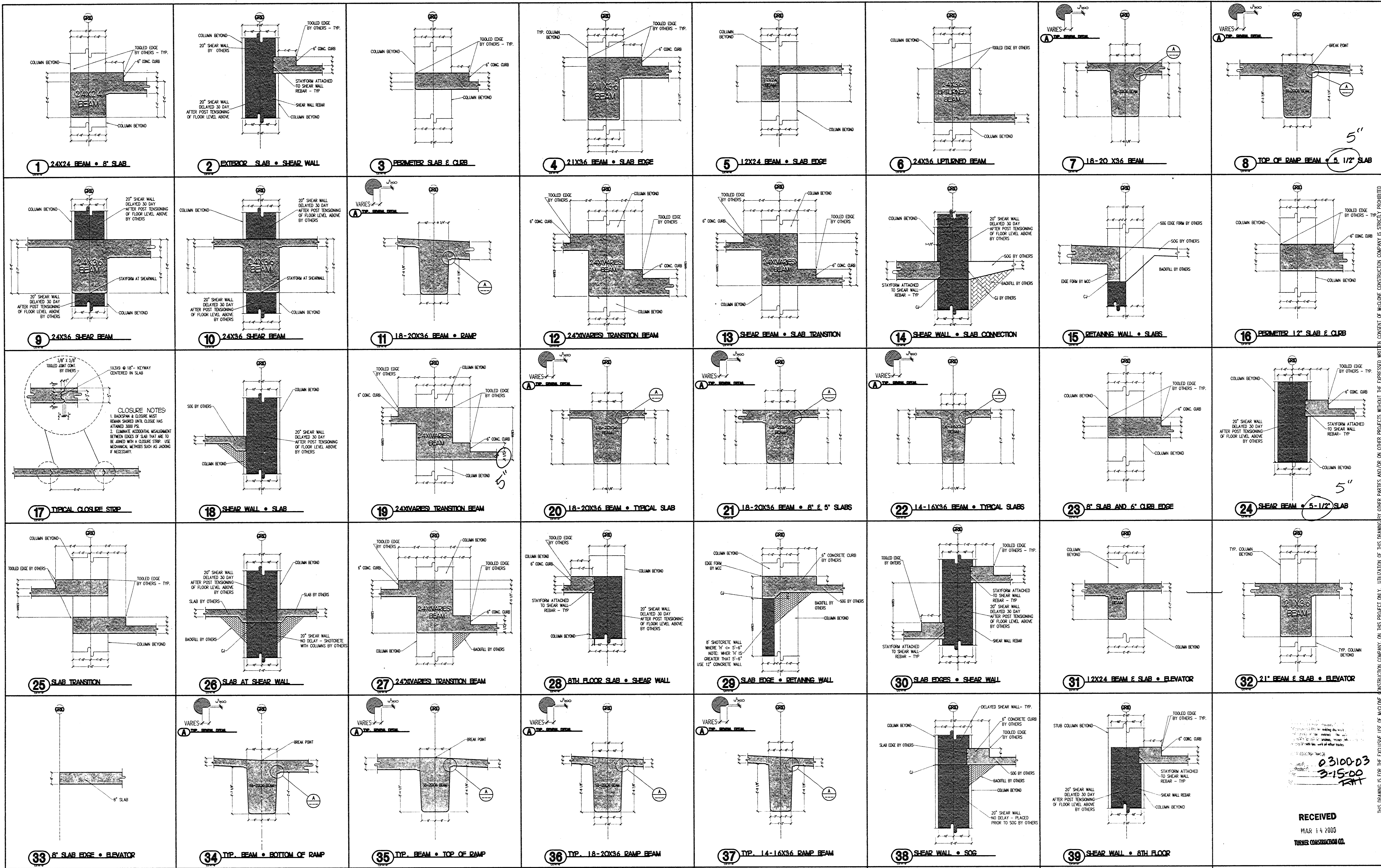
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 STOCKTON, CA**

**DETAILS**

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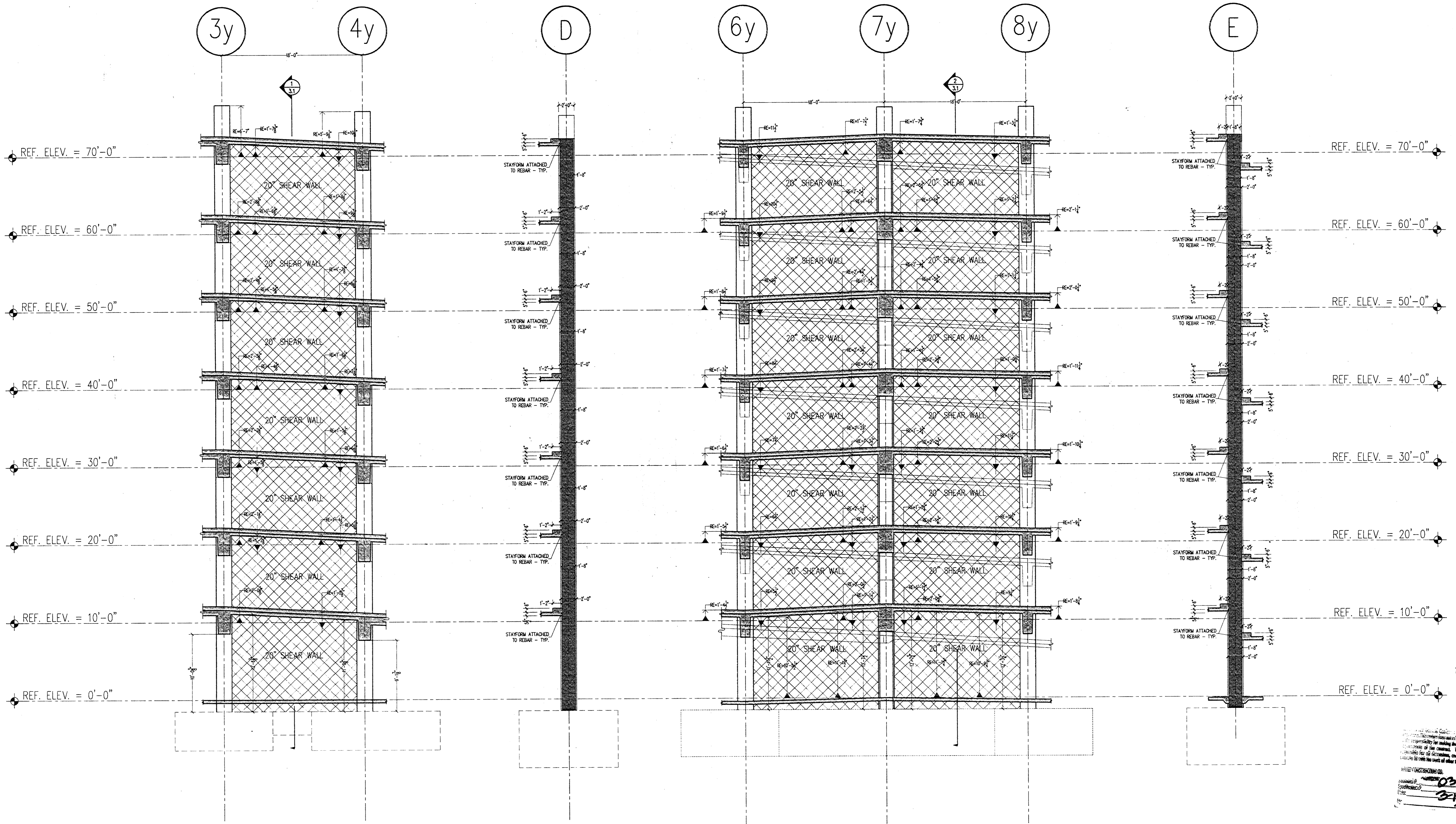
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DESIGNED BY: BH  
 DATE: 3/2/00

**2.0**

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**A** SHEAR WALL ELEVATION  
 ALONG GRIDLINE 'D', 4' LOOKING NORTH  
 3/16"=1'-0"

**1** SHEAR WALL SECTION  
 BETWEEN GRIDLINES '3y' & '4y' LOOKING WEST  
 3/16"=1'-0"

**B** SHEAR WALL ELEVATION  
 ALONG GRIDLINE 'E' LOOKING NORTH  
 3/16"=1'-0"

**2** SHEAR WALL SECTION  
 BETWEEN GRIDLINES '7y' & '8y' LOOKING WEST  
 3/16"=1'-0"

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FOR CONSTRUCTION

3/16"=1'-0"

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NO.	DATE

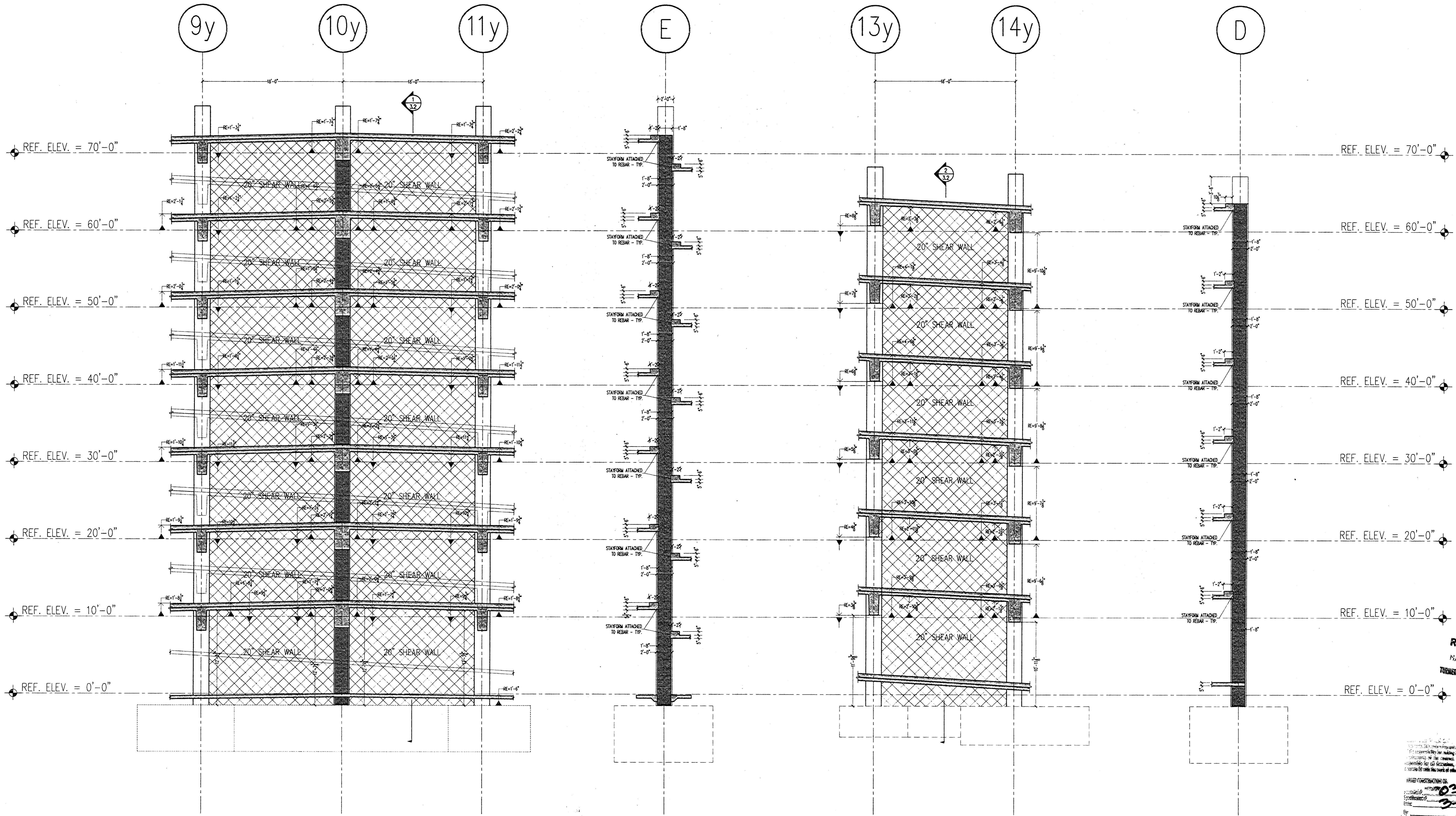
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 OTHER

SCALE: 3/16"=1'-0"

DRAWN BY: CH  
 CHECKED BY: JLS  
 DATE: 3/16/00

3.1





**A** SHEAR WALL ELEVATION  
 BETWEEN GRIDLINES '9y' & '11y' LOOKING NORTH  
 3/16=1'-0"

**1** SHEAR WALL SECTION  
 BETWEEN GRIDLINES '10y' & '11y' LOOKING WEST  
 3/16=1'-0"

**B** SHEAR WALL ELEVATION  
 ALONG GRIDLINE 'D.4' LOOKING NORTH  
 3/16=1'-0"

**2** SHEAR WALL ELEVATION  
 BETWEEN GRIDLINES '13y' & '14y' LOOKING WEST  
 3/16=1'-0"

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English Harper Beta  
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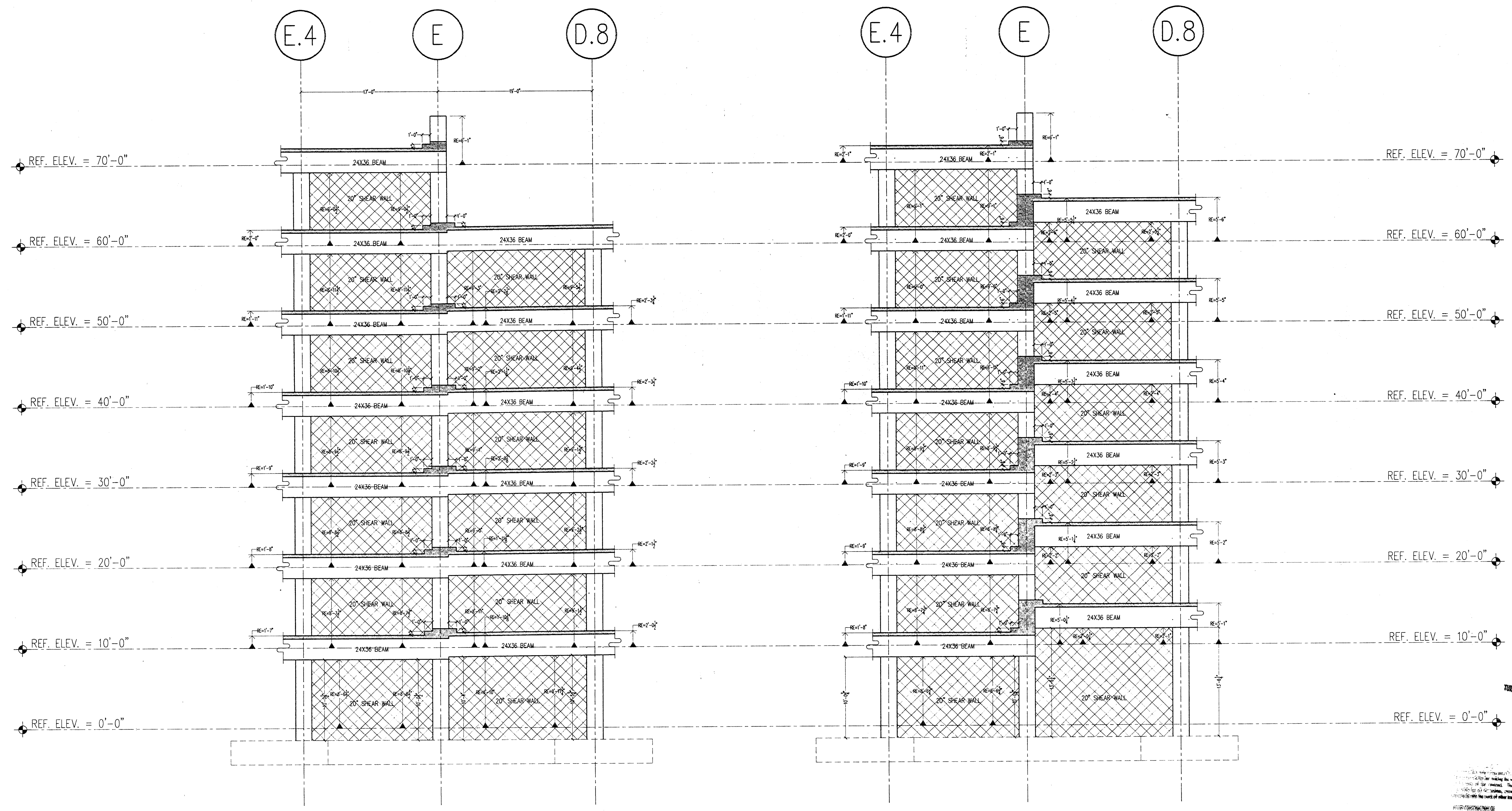
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 OTHER

SCALE: 3/16"=1'-0"  
 DRAWN BY: CH  
 APPR: JCS  
 SHEET: 405

**3.2**





**1** SHEAR WALL ELEVATION  
 ALONG GRIDLINE '13' LOOKING WEST  
 3/18=1'-0"

**2** SHEAR WALL ELEVATION  
 ALONG GRIDLINE '10' LOOKING WEST  
 3/18=1'-0"

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PROJECT NO. 03100-03  
 DATE 3-15-00  
 DRAWN BY RAH

REVISIONS

NO.	DATE	DESCRIPTION

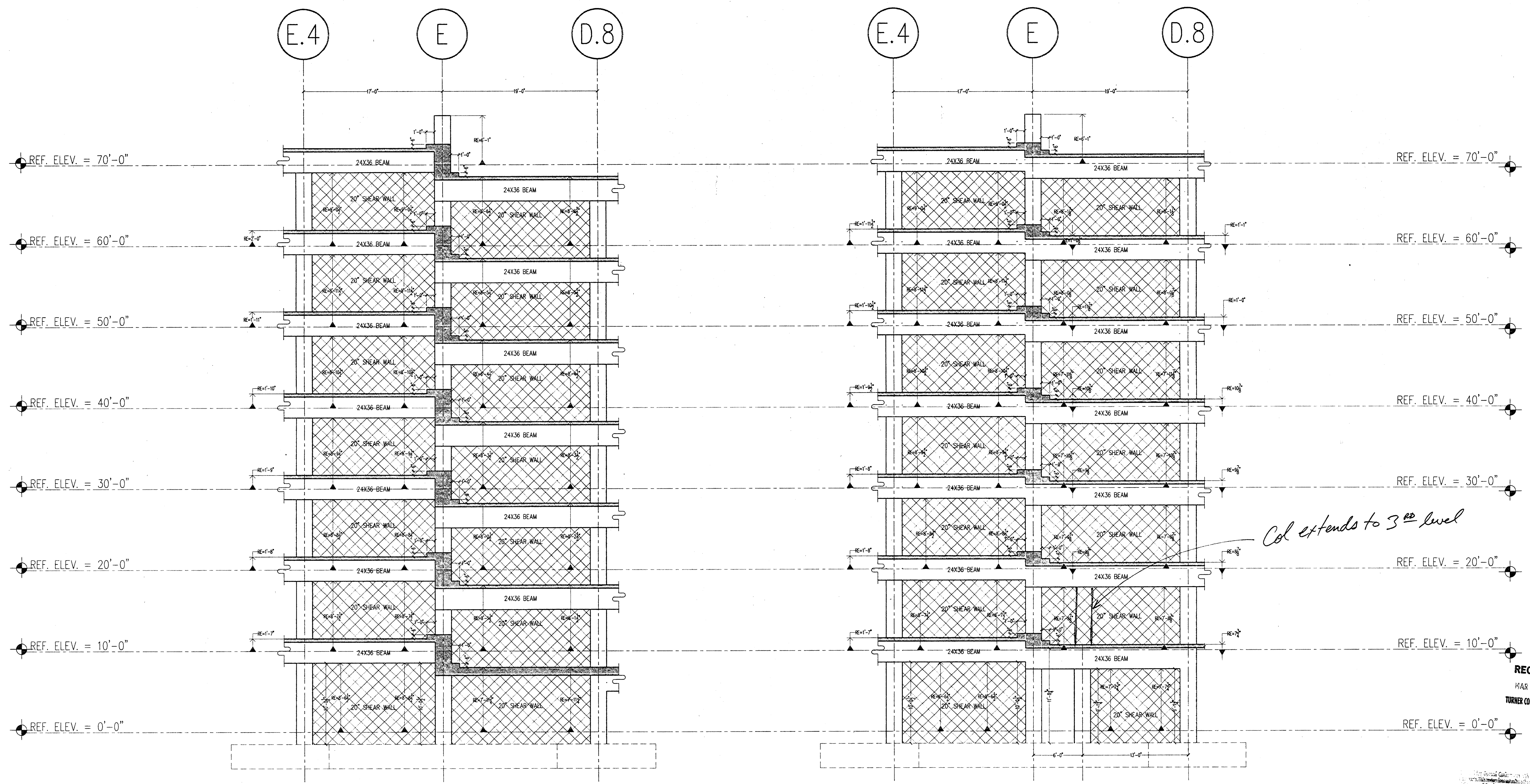
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 OTHER

SCALE 1/8"=1'-0"  
 DRAW BY CH  
 405  
 SHEET 3.3

REVISION: HARPER REV  
 By BH Date 3/22/00

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**1** SHEAR WALL ELEVATION  
 ALONG GRIDLINE '7' LOOKING WEST  
 3/18-1-0

**2** SHEAR WALL ELEVATION  
 ALONG GRIDLINE '4' LOOKING WEST  
 3/18-1-0

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03100-03  
 315-00  
 TAT

ENGLISH HARPER RITA  
 BH 3/24/00

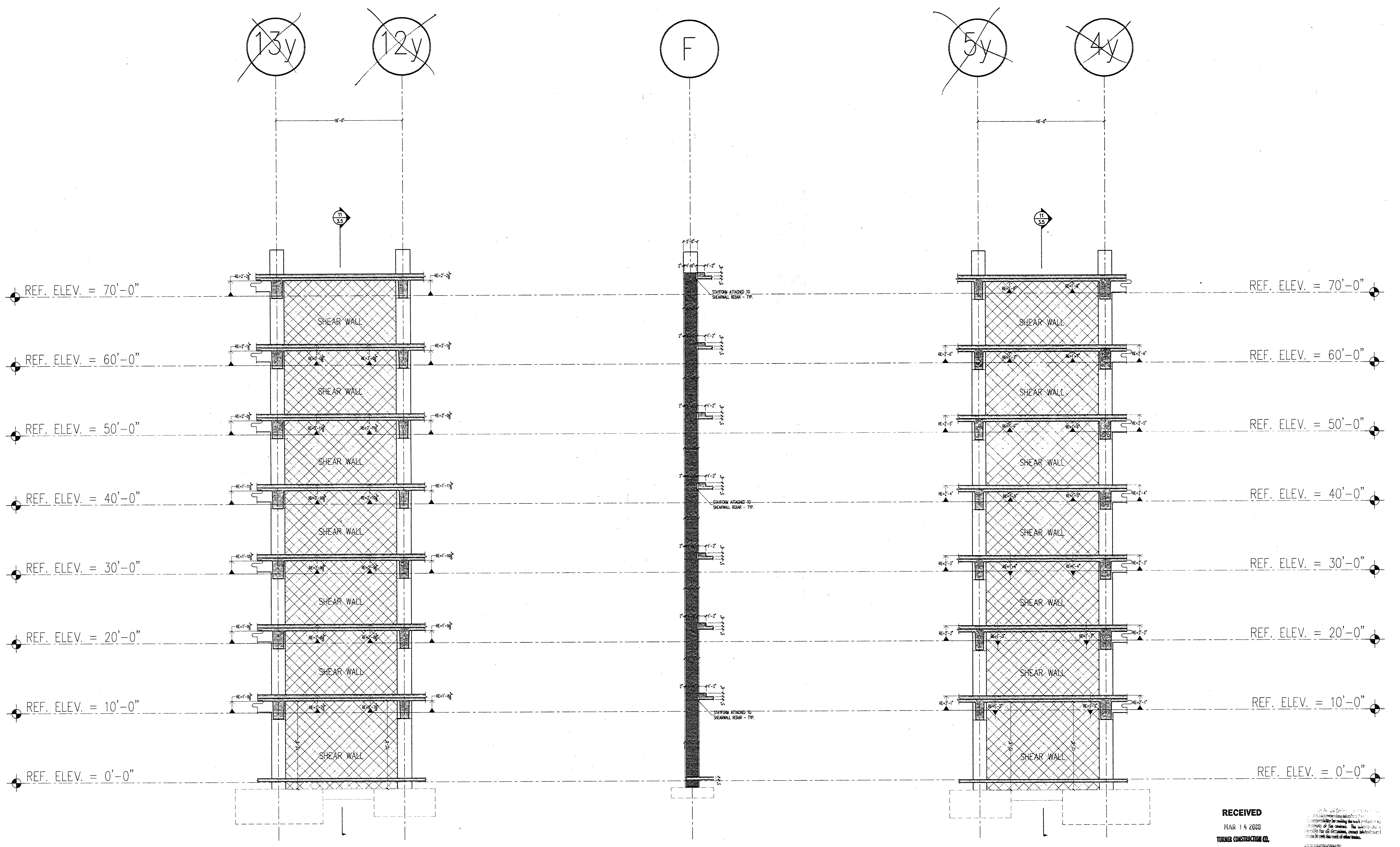
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 FOR CONSTRUCTION  
 OTHER

SCALE 3/8"=1'-0"  
 DRAW BY ON  
 APP 405  
 SHEET 3.4





**1** SHEAR WALL ELEVATION  
 ALONG GRIDLINE 1' LOOKING SOUTH  
 3/16"=1'-0"

**A** SHEAR WALL SECTION  
 ALONG GRIDLINE 1' LOOKING WEST  
 3/16"=1'-0"

**2** SHEAR WALL ELEVATION  
 ALONG GRIDLINE 1' LOOKING WEST  
 3/16"=1'-0"

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SCALE: 3/16"=1'-0"  
 DRAWN BY: CM  
 JOB: 600  
 SHEET: 3.5

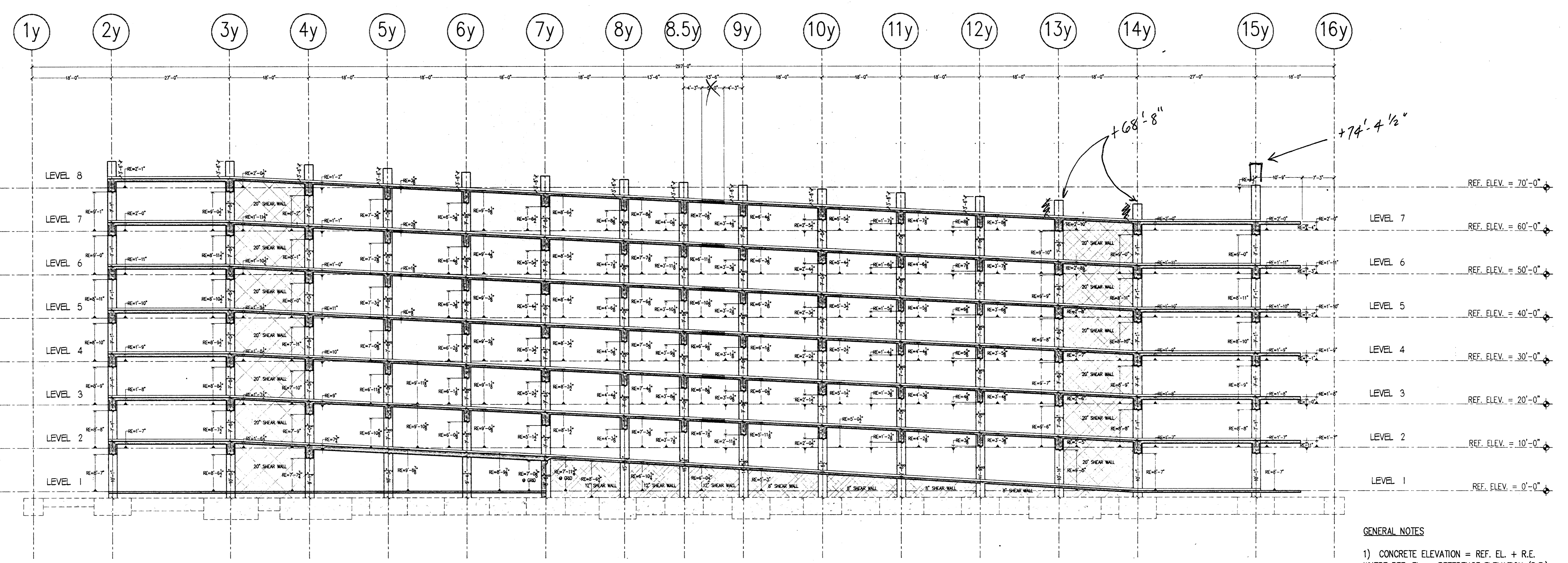
McCLONE CONSTRUCTION COMPANY  
 PROJECT NO. 03100-03  
 DATE: 3-15-00  
 BY: BH  
 CHECKED: 3/16/00

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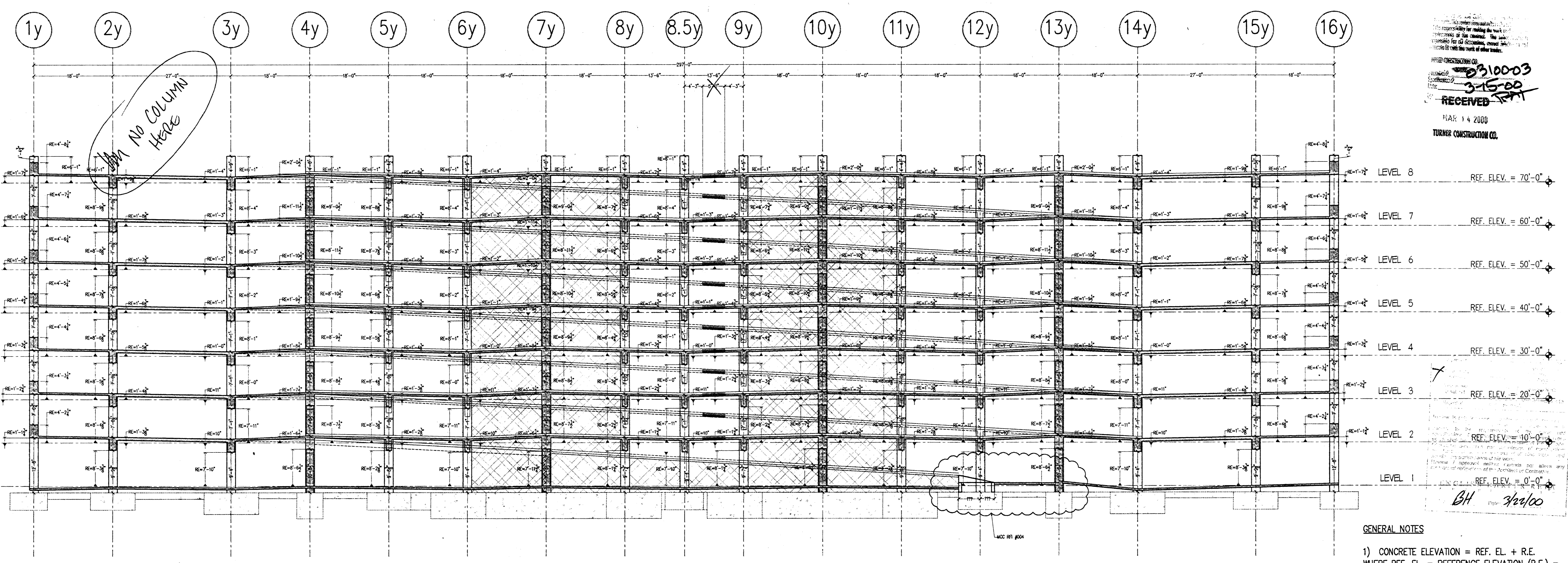




**A** LONGNITUDINAL ELEVATION-TOP OF SLAB ELEVATIONS  
 ALONG GRIDLINE 'D'. 4" LOOKING NORTH  
 3/32"=1'-0"

**GENERAL NOTES**

- 1) CONCRETE ELEVATION = REF. EL. + R.E. WHERE REF. EL. = REFERENCE ELEVATION (R.E.) = RELATIVE ELEVATION (WRT REFERENCE ELEVATION)
- 2) VERIFY ALL TOP OF FOOTING ELEVATIONS PRIOR TO FABRICATING VERTICAL FORMWORK. ELEVATIONS PROVIDED ARE TAKEN FROM CONTRACT DRAWINGS WHICH MAY VARY FROM FIELD CONDITIONS.



**B** LONGNITUDINAL ELEVATION-TOP OF SLAB ELEVATIONS  
 ALONG GRIDLINE 'E' LOOKING NORTH  
 3/32"=1'-0"

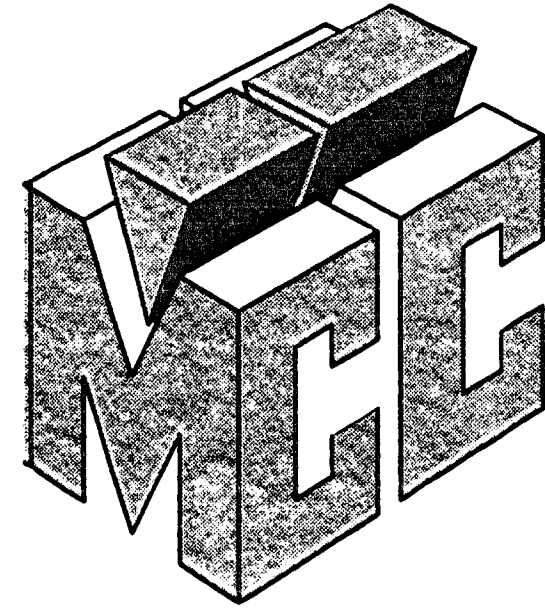
**GENERAL NOTES**

- 1) CONCRETE ELEVATION = REF. EL. + R.E. WHERE REF. EL. = REFERENCE ELEVATION (R.E.) = RELATIVE ELEVATION (WRT REFERENCE ELEVATION)
- 2) VERIFY ALL TOP OF FOOTING ELEVATIONS PRIOR TO FABRICATING VERTICAL FORMWORK. ELEVATIONS PROVIDED ARE TAKEN FROM CONTRACT DRAWINGS WHICH MAY VARY FROM FIELD CONDITIONS.









# McCLONE CONSTRUCTION COMPANY

## DRAWING INDEX:

SHEET	SHEET TITLE
1.1	FIRST LEVEL SOFFIT PLAN
1.2	SECOND LEVEL SOFFIT PLAN
1.3	THIRD LEVEL SOFFIT PLAN
1.4	FOURTH LEVEL SOFFIT PLAN
1.5	FIFTH LEVEL SOFFIT PLAN
1.6	SIXTH LEVEL SOFFIT PLAN
1.7	SEVENTH LEVEL SOFFIT PLAN
1.8	EIGHTH LEVEL SOFFIT PLAN
2.0	DETAILS
3.1	SHEAR WALL SECTIONS / ELEVATIONS
3.2	SHEAR WALL SECTIONS / ELEVATIONS
3.3	SHEAR WALL ELEVATIONS
3.4	SHEAR WALL SECTION / ELEVATIONS
3.5	SHEAR WALL SECTION / ELEVATIONS
4.1	BUILDING ELEVATIONS
4.2	BUILDING ELEVATIONS

3.6 →

### CONCRETE OUTLINES

REVISION	1	REVISION DESCRIPTION
DATE	03/13/2000	SUBMITTAL FOR APPROVAL

DISTRIBUTED ON 03/13/00 AS

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PRELIMINARY INFORMATION

REVISION NO.

OTHER

BY: CHRIS WIRTH

DRAWING INDEX

ESSENTIAL SERVICES PARKING GARAGE STOCKTON, CA

Approved: Fabrication / installation may be undertaken. Approval does not authorize changes to the Contract Documents.

Noted as Fabrication / installation MAY NOT be undertaken, in reworking, limit corrections to items marked.

How and

Rejected

Review is only for general conformance with the design intent in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and controlled at the job site. Fabrication processes and techniques of construction are the responsibility of the contractor. Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

ENGLISH HARPER RETA  
By BH Date 3/22/00

FOR PARKING GARAGE STRUCTURE ONLY  
NOT FOR ESSENTIAL SERVICES BUILDING

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Checking is only for general conformance with the design intent of the project and general conformance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and controlled at the job site. Fabrication processes and techniques of construction are the responsibility of the contractor. Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

Detailer to review and be in agreement with comments by structural engineer prior to proceeding with fabrication, in event of discrepancy, contact owner's representative.

TURNER & BUEHLER ASSOCIATES, STRUCTURAL ENGINEERS, INC.  
1275 FOLLOM BLVD., SUITE 300  
SACRAMENTO, CALIFORNIA 95833

DATE 3/13/00  
BY: [Signature]

\* no structural review performed  
Architect verify elevations & clearances

03100-03  
3-215-00  
RAI

### ESSENTIAL SERVICES PARKING GARAGE STOCKTON, CA

### McCLONE CONSTRUCTION JOB #405

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NOTE TO APPROVERS AND USERS:  
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REFERENCE CONTRACT DRAWINGS FOR INFORMATION NOT SHOWN.

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McCLONE CONSTRUCTION COMPANY  
4340 PRODUCT DRIVE • SANGLE SPRINGS, CA 95862  
VOICE (930) 677-1077 • FAX (930) 677-3964

SCALE	1/2"=1'-0"
DRAWN BY	EV
JOB	405
SHEET	INDEX

























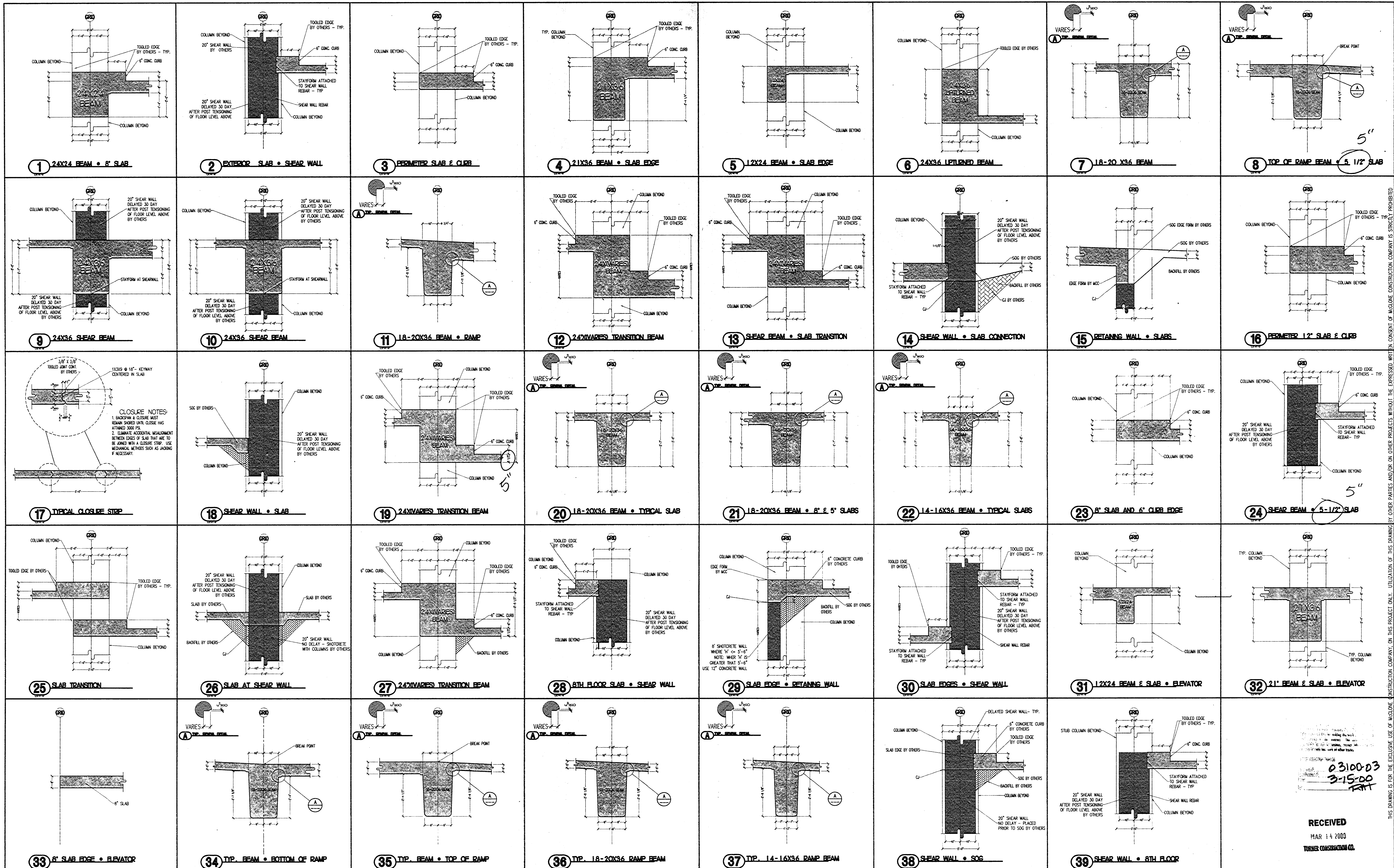












1 24x24 BEAM • 8\"/>

2 EXTERIOR SLAB • SHEAR WALL

3 PERIMETER SLAB & CURB

4 21x36 BEAM • SLAB EDGE

5 12x24 BEAM • SLAB EDGE

6 24x36 UPTURNED BEAM

7 18-20 X36 BEAM

8 TOP OF RAMP BEAM • 5 1/2\"/>

9 24x36 SHEAR BEAM

10 24x36 SHEAR BEAM

11 18-20x36 BEAM • RAMP

12 24xVARIES TRANSITION BEAM

13 SHEAR BEAM • SLAB TRANSITION

14 SHEAR WALL • SLAB CONNECTION

15 RETAINING WALL • SLABS

16 PERIMETER 12\"/>

17 TYPICAL CLOSURE STRIP

18 SHEAR WALL • SLAB

19 24xVARIES TRANSITION BEAM

20 18-20x36 BEAM • TYPICAL SLAB

21 18-20x36 BEAM • 8\"/>

22 14-16x36 BEAM • TYPICAL SLABS

23 8\"/>

24 SHEAR BEAM • 5-1/2\"/>

25 SLAB TRANSITION

26 SLAB AT SHEAR WALL

27 24xVARIES TRANSITION BEAM

28 8TH FLOOR SLAB • SHEAR WALL

29 SLAB EDGE • RETAINING WALL

30 SLAB EDGES • SHEAR WALL

31 12x24 BEAM & SLAB • ELEVATOR

32 21\"/>

33 8\"/>

34 TIP. BEAM • BOTTOM OF RAMP

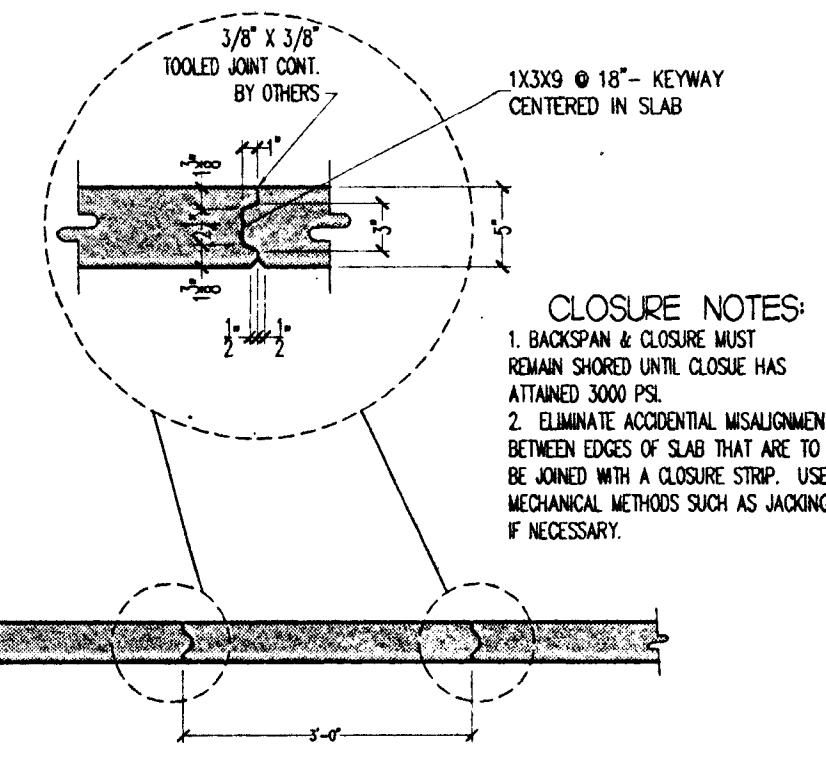
35 TIP. BEAM • TOP OF RAMP

36 TIP. 18-20x36 RAMP BEAM

37 TIP. 14-16x36 RAMP BEAM

38 SHEAR WALL • SOG

39 SHEAR WALL • 8TH FLOOR



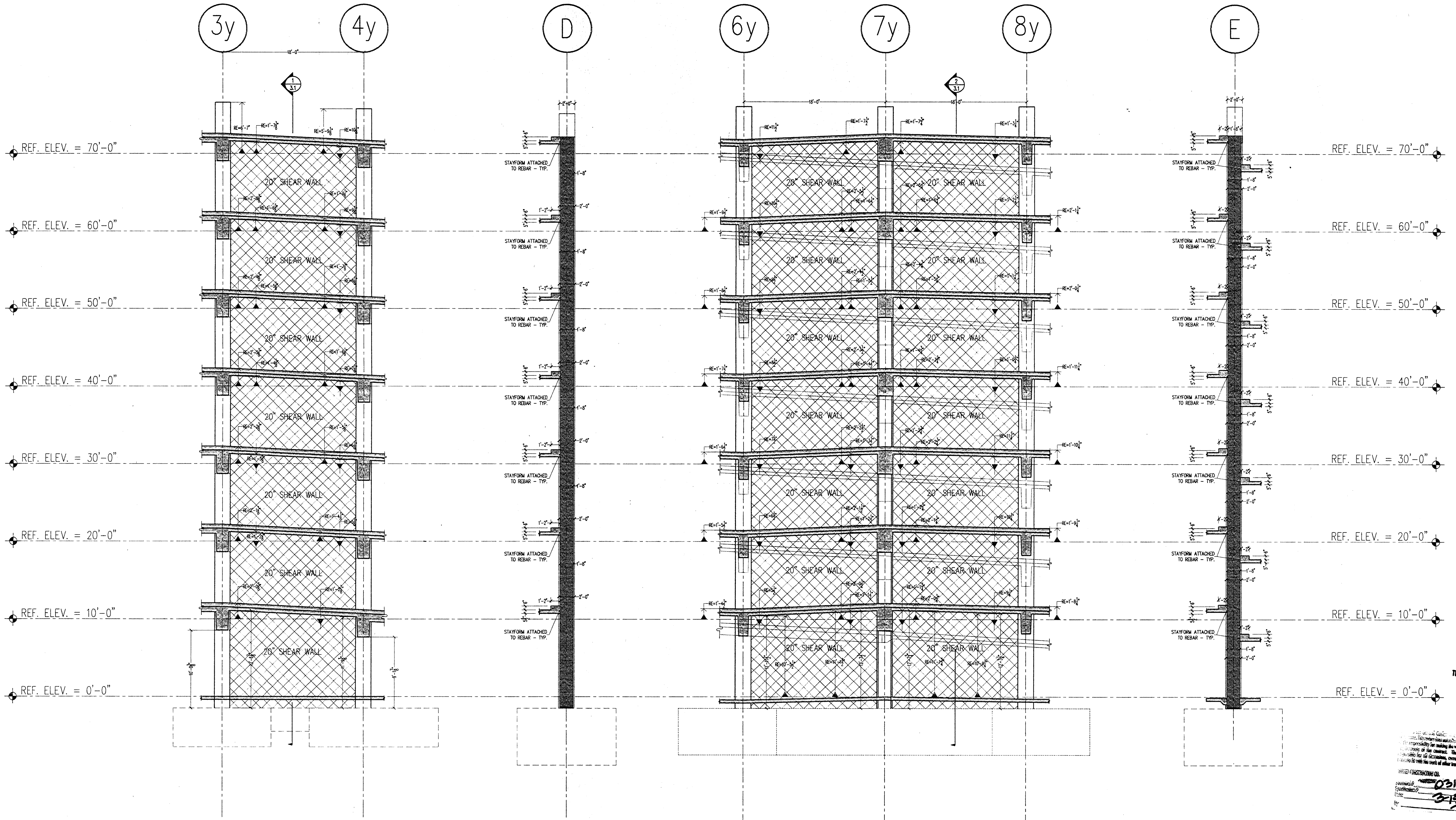
**CLOSURE NOTES:**  
 1. BACKFILL & CURB MUST REMAIN SHOWN WITH CLOSURE HAS ATTACHED 300 P.S.I.  
 2. ELIMINATE ADDITIONAL MEASUREMENT BETWEEN EDGES OF SLAB THAT ARE TO BE JOINED WITH A CLOSURE STRIP. USE MECHANICAL METHODS SUCH AS JOINTING IF NECESSARY.

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 OTHER  
 SCALE 1/2\"/>





**A** SHEAR WALL ELEVATION  
 ALONG GRIDLINE 'D' LOOKING NORTH  
 3/16-11-00

**1** SHEAR WALL SECTION  
 BETWEEN GRIDLINES '3y' & '4y' LOOKING WEST  
 3/16-11-00

**B** SHEAR WALL ELEVATION  
 ALONG GRIDLINE 'E' LOOKING NORTH  
 3/16-11-00

**2** SHEAR WALL SECTION  
 BETWEEN GRIDLINES '7y' & '8y' LOOKING WEST  
 3/16-11-00

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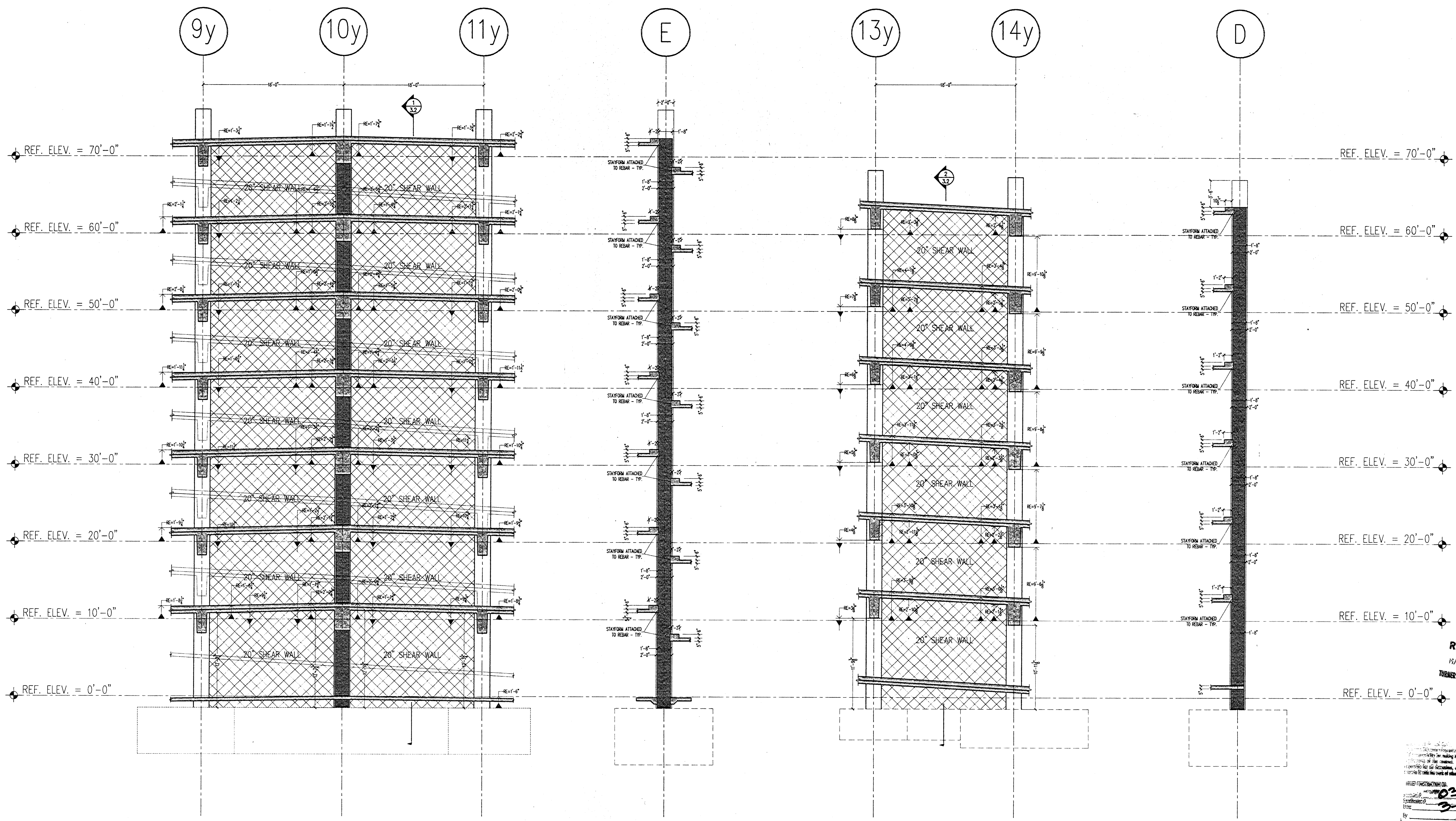
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 OTHER

SCALE: 3/8"=1'-0"  
 DRAWN BY: BH  
 DATE: 3/16/00

NO.	DATE	DESCRIPTION





**A** SHEAR WALL ELEVATION  
 BETWEEN GRIDLINES '9y' & '11y' LOOKING NORTH  
 3/16=1'-0"

**1** SHEAR WALL SECTION  
 BETWEEN GRIDLINES '10y' & '11y' LOOKING WEST  
 3/16=1'-0"

**B** SHEAR WALL ELEVATION  
 ALONG GRIDLINE 'D.4' LOOKING NORTH  
 3/16=1'-0"

**2** SHEAR WALL ELEVATION  
 BETWEEN GRIDLINES '13y' & '14y' LOOKING WEST  
 3/16=1'-0"

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 3-15-00  
 RAK

ENGLISH HARPER BETA  
 By: *ELH* Date: 3/22/00

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NO.	DATE / DESCRIPTION

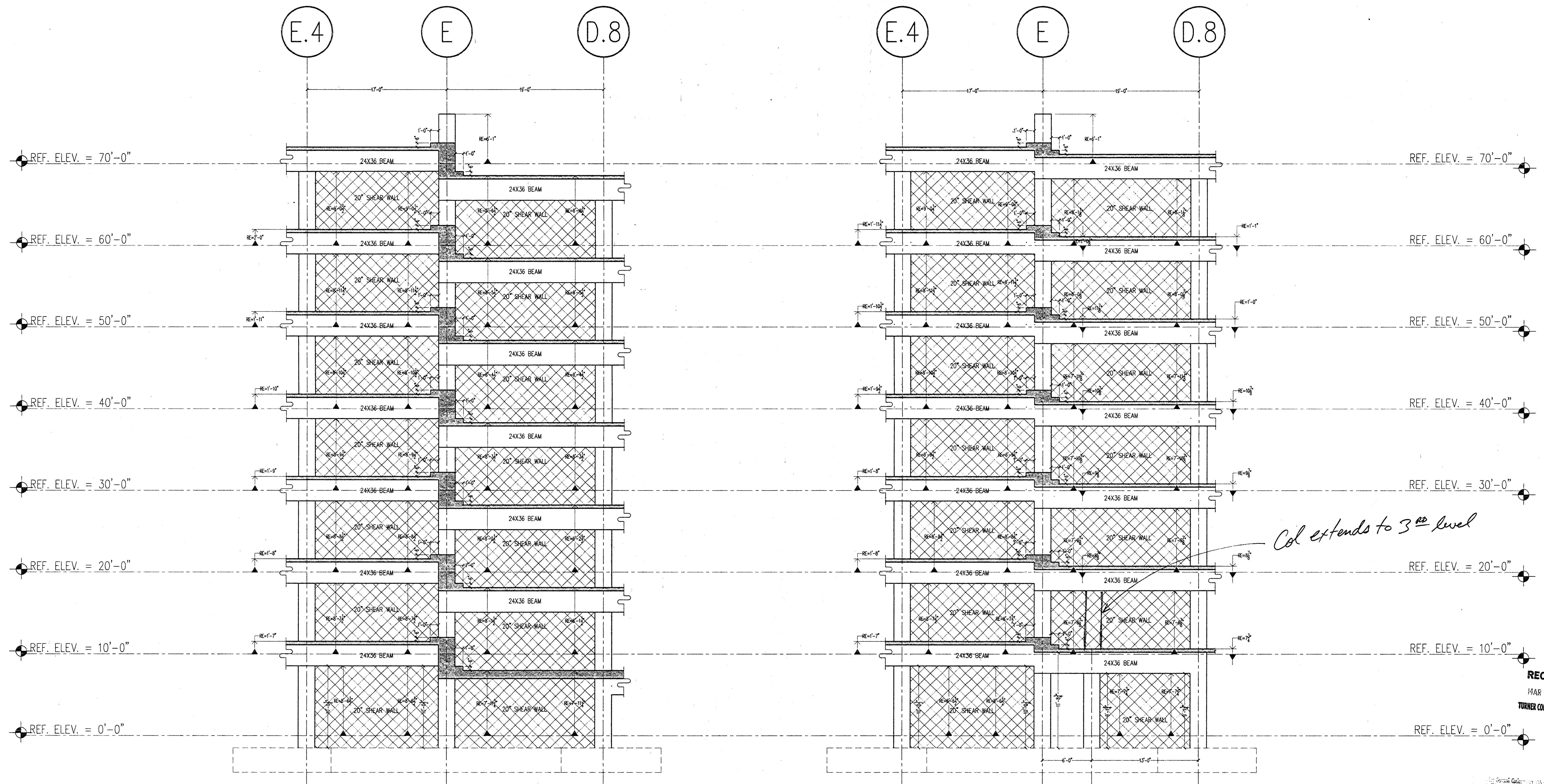
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SCALE: 3/16"=1'-0"  
 DRAW BY: *ELH*  
 DATE: 08  
 SHEET: **3.2**









**1** SHEAR WALL ELEVATION  
 ALONG GRIDLINE '7' LOOKING WEST  
 3/18/00

**2** SHEAR WALL ELEVATION  
 ALONG GRIDLINE '4' LOOKING WEST  
 3/18/00

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03100-03  
 3-15-00  
 JAH

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SCALE 3/8"=1'-0"  
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 CHECKED BY BH  
 DATE 3/22/00

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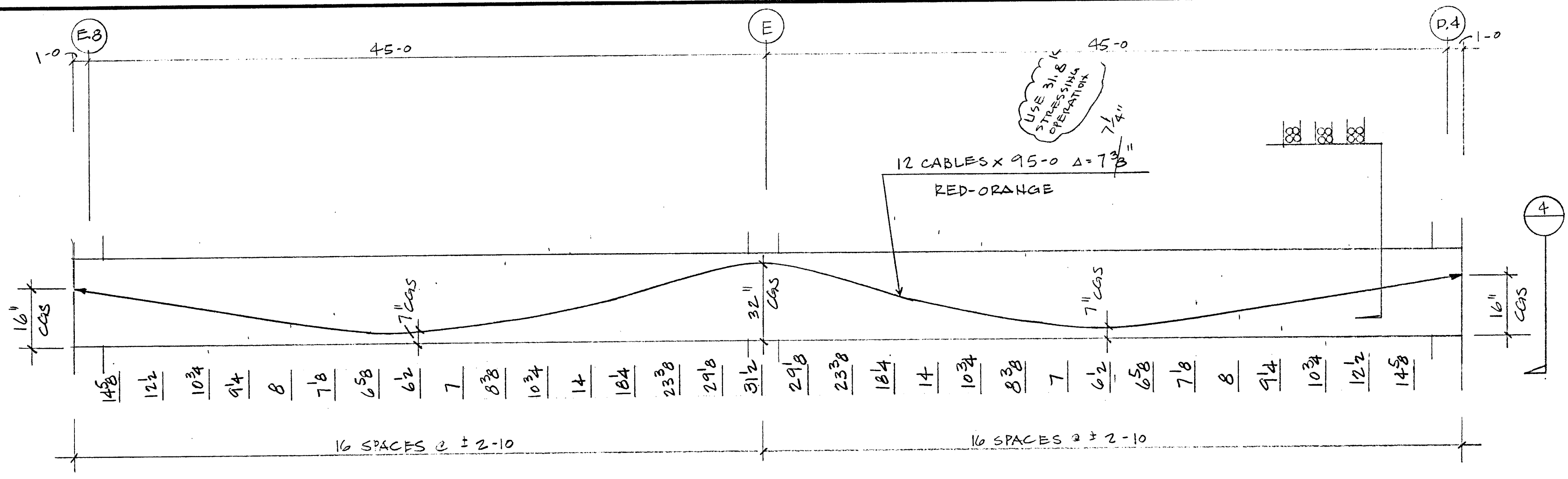
REVISIONS	BY
5/1/00	LM



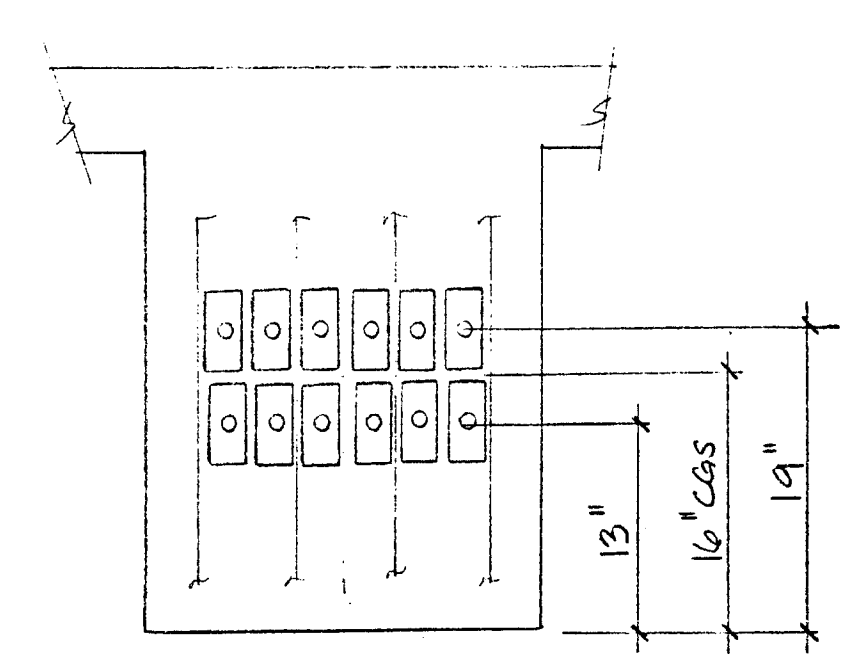
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ESSENTIAL SERVICES  
PARKING GARAGE  
STOCKTON CALIF.

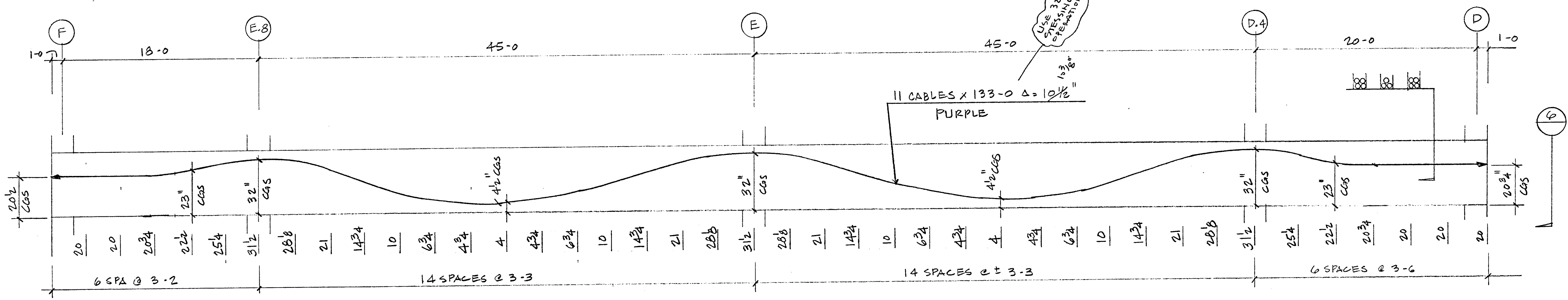
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Job	451
Sheet	PT-7
Of	Sheets



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24x36



4



2 B-6  
18x36

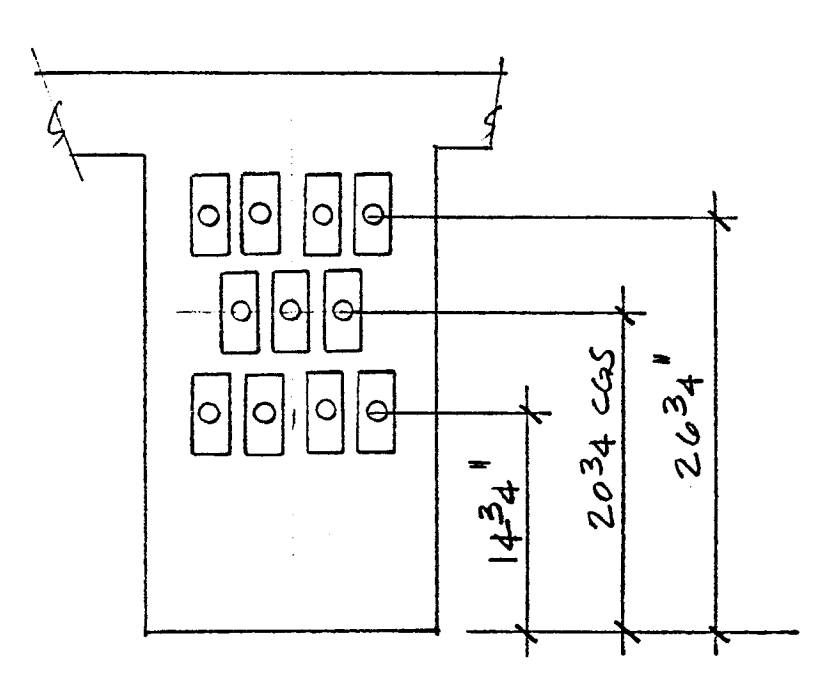
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Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and corrected at the job site, fabrication processes and techniques of construction, coordination of his work with that of all other trades and the satisfactory performance of his work.

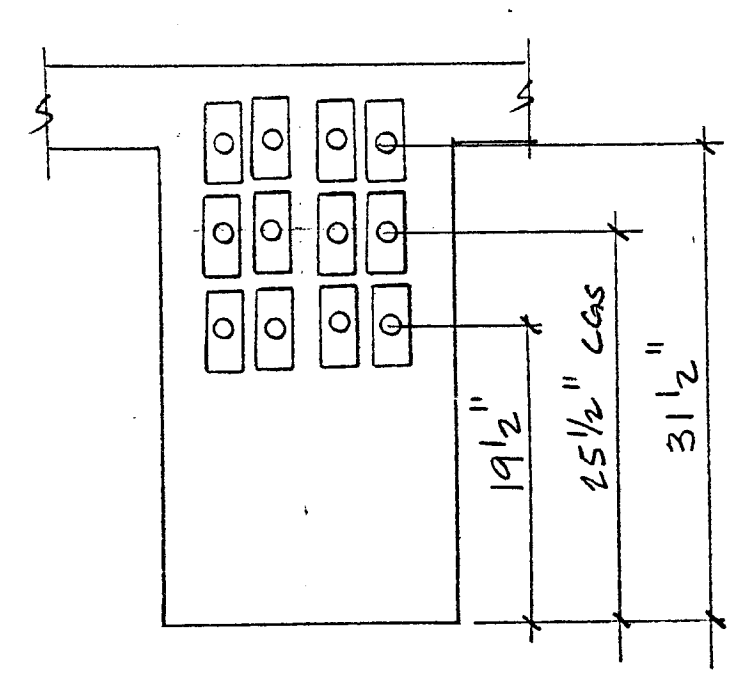
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 NO EXCEPTIONS TAKEN   
 REVISE AND RESUBMIT   
 CHECKED FOR STRUCTURAL ITEMS ONLY   
 SEE COMMENT   
 CHECKED FOR DIMENSIONS ONLY   
 Detailer to review and be in agreement with comments by structural engineer prior to proceeding with fabrication. In event of disagreement, contact owner's representative.

REGISTER & BISHLER ASSOCIATES, STRUCTURAL ENG. INC.  
 7501 FOLSOM BLVD., SUITE #102  
 SACRAMENTO, CALIFORNIA 95826

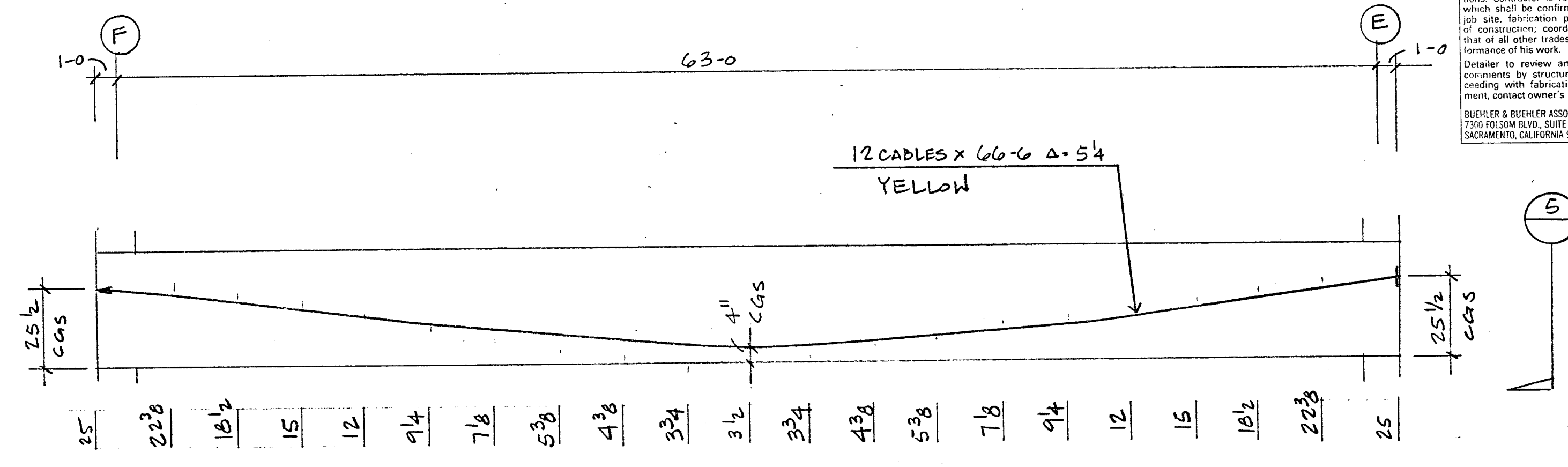
DATE: 5/6/00  
 BY: [Signature]



6



5



3 B7  
18x36

TYP. JACKING FORCE IS 33 KIPS U.H.O







**GENERAL NOTES**

**1. PRESTRESSING TENDON DATA**

- 1.1 Prestressing steel used in single strand unbonded post-tensioning tendons shall conform to ASTM A-416 grade 270 K, low relaxation type.
- 1.2 Tendon characteristics are as follows:
- Nominal Diameter 1/2"
  - Cross Section Area 0.153 Sq. In.
  - Modulus of Elasticity 28,000 KSI
  - Ultimate Strength Fpu 41.3 Kips/Tendon
  - Temporary Overstress 33.3 Kips/Tendon
  - Force at Anchoring 28.9 Kips/Tendon
  - Final Effective Force (Low Relaxation) 26.8 Kips/Tendon

**2. TENDON FABRICATION**

- 2.1 Tendons will be fabricated with sufficient length beyond the edge form to allow stressing. A minimum length of twelve inches at each stressing end is required.
- 2.2 Tendons that are stressed from one end only shall have deadend anchorages attached to one end prior to shipment. Tendons that are stressed intermediately at a construction joint shall have anchorage placed at a predetermined distance prior to shipment.
- 2.3 Tendons shall be clearly identified by color code as called for on the placing drawings for easy placement.
- 2.4 Each tendon shipment shall be accompanied by a cutting list indicating the number of tendons, their length, color code and total number of anchorages, wedges, grommets and support chairs (where applicable) shipped.
- 2.5 Purchaser shall properly unload tendon shipment upon arrival. Use of a nylon sling is recommended to prevent damage to the sheathing. Purchaser shall satisfactorily protect tendons at the jobsite from corrosion prior to placement.

**3. TENDON FABRICATION**

- 3.1 Tendons shall be placed according to number and spacing as shown on the placing drawings. Slight deviation in spacing is permitted where required to avoid openings and inserts which are specifically located.
- 3.2 Where tendons interfere with each other, one tendon may be moved horizontally in order to avoid this interference. Where there is interference between tendons and any kind of conduit the tendon profile governs.
- 3.3 Placement of mild steel reinforcement shall be coordinated with the placement of post-tensioning tendons. Proper tendon placement has priority.
- 3.4 Sufficient support steel, size and spacing as indicated on the placing drawings, shall be provided. These bars are used to prevent lateral movement of the tendons during concrete placement and to maintain, by charring, the proper profile.
- 3.5 All support steel and post-tensioning tendons shall be firmly secured in forms to obtain dimensions and locations shown on the placing drawings.
- 3.6 Sufficient bar chairs shall be provided as required to hold the tendons in true vertical position.
- 3.7 One bar shall be placed continuous top and bottom of the anchorages. See typical details for size.

**4. TENDON PLACING SEQUENCE IS AS FOLLOWS:**

**Sequenced Slabs** - Place according to the sequence numbers as described on the strand layout.

**Banded Slabs** - Place uniform strand group over the centerline of the column. Place all banded strand groups. Place remainder of all uniform strand groups.

**One-Way Beams and Slab** - Place all beam strands. Place all uniform strands. Place all temperature strands. (if applicable)

- 4.1 Lay top perimeter bars along slab edges and intermediate stressing joints; tie bottom and top perimeter bars to anchorages as shown in detail.
- 4.2 Chair up support bars and strands according to tendon profiles. Place strands with smooth horizontal curves at the anchorages as shown. Place one chair at each intersection of strand bundle and support bar and tie chair, support bar and strand bundle together. Slab strands crossing over a beam may be tied directly to the top longitudinal bars of the beam if proper c.g.s. of the slab strands is maintained.

**5. STRESSING PROCEDURE**

*Specify stressing procedure for two ends pulled 90% + 20%*

- 5.1 The stressing operation shall not commence until concrete test cylinders, cured under jobsite conditions, have been tested and indicate that the concrete in the member has attained the strength called for on the structural drawings.
- 5.2 All prestressing steel shall be stressed by means of hydraulic jacks, equipped with accurate reading, calibrated hydraulic pressure gauges. A calibration chart shall accompany each jack.
- 5.3 The post-tensioning operation will be so conducted that accurate elongation of the prestressing steel can be recorded and compared with computations submitted and approved by the structural engineer.
- 5.4 Records shall be kept of all jacking forces and elongations and submitted promptly to the structural engineer for approval.
- 5.5 The maximum jacking force to overcome friction shall not exceed 80% of the ultimate force of the tendon.  
(41.3 x .80 = 33.0 kips)
- 5.6 Tendons shall be anchored at a force not to exceed 70% of the ultimate force of the tendon.  
(41.3 x .70 = 28.9 kips)
- 5.7 If inconsistencies between the calculated elongations, the measured elongation, and the jack gauge reading occur, the jack-gauge-pump unit shall be recalibrated. An agreement of within 5% shall be satisfactory.
- 5.8 Total elongation shall be based upon:

$$\frac{PXL}{AXE} = \frac{28.9 \times L \times 12}{.153 \times 28,000} = \text{not used}$$

*not used*

**6. STRESSING SEQUENCE**

**Banded slab** - Stress continuous strands in the uniform direction. Stress added strand in the uniform direction. Stress continuous strands in the banded direction. Stress added strands in the banded direction.

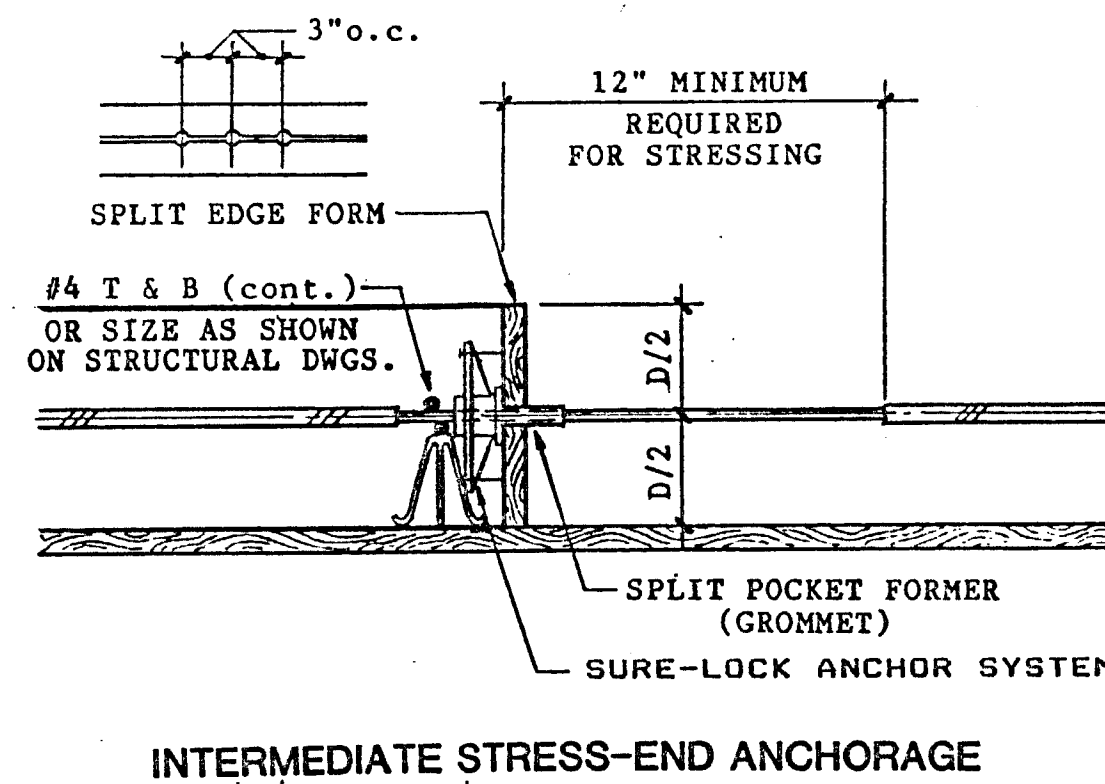
**Sequenced slab** - Stress continuous strand in the longer direction. Stress added strands in the longer direction. Stress continuous strands in the shorter direction. Stress added strands in the shorter direction.

**Beam and slab** - Stress all temperature strand (if applicable). Stress all continuous longitudinal slab strand. Stress all added longitudinal slab strand. Stress all beam strands. Stress all girder strands (if applicable).

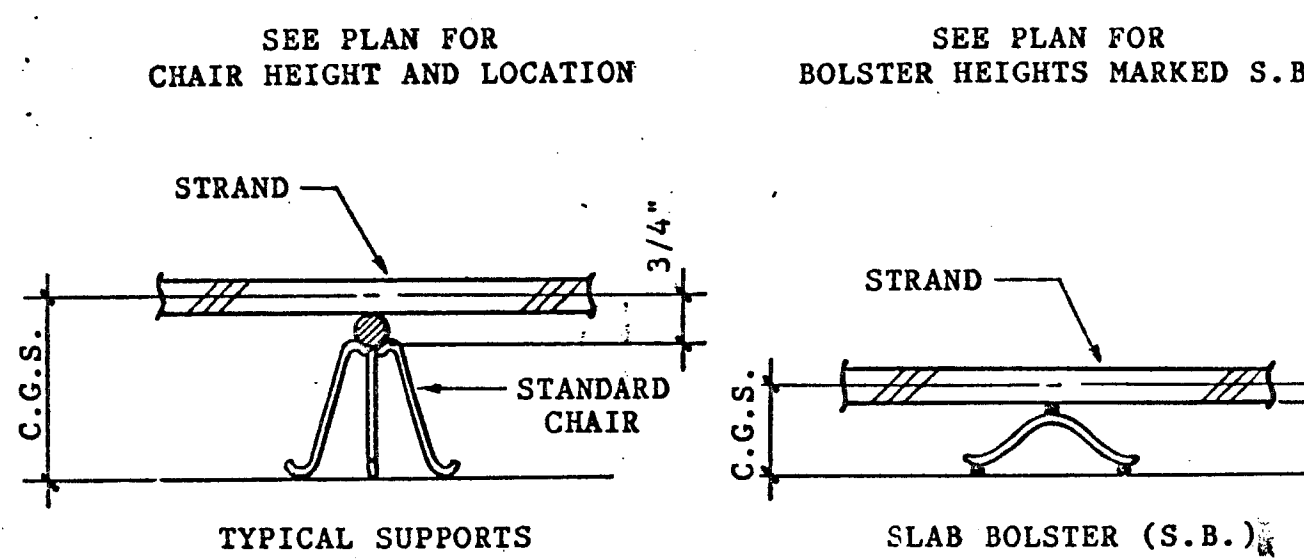
**7. TENDON FINISHING**

As soon as possible, after tendon tensioning and approval of elongation, the excess tendon length shall be cut. The tendon will be cut by means of oxyacetylene cutting. Care shall be taken to avoid directing the flame toward the wedges.

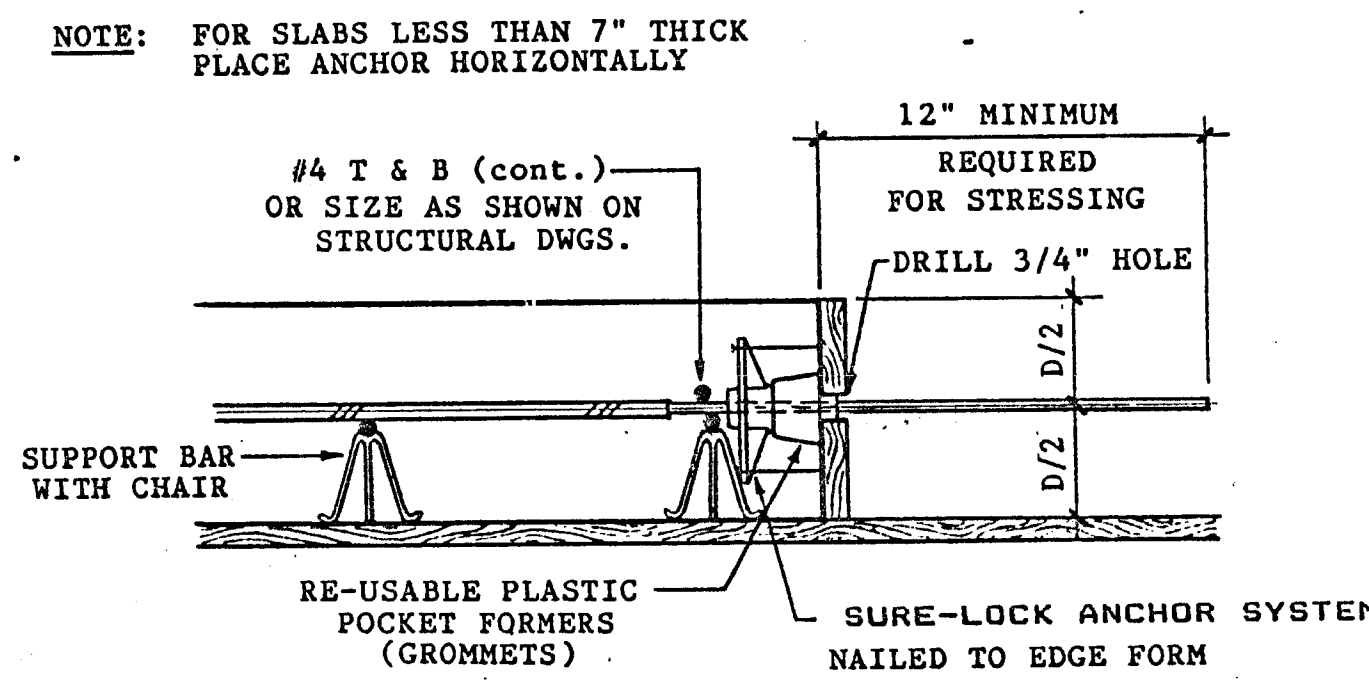
**Note:** Alamillo Steel took no part in the preparation or review of the structural drawings mentioned above. These shop drawings were prepared only to help the field placement of the post-tensioning tendons as required by the structural drawings. Under no circumstances will these drawings replace the structural drawings.



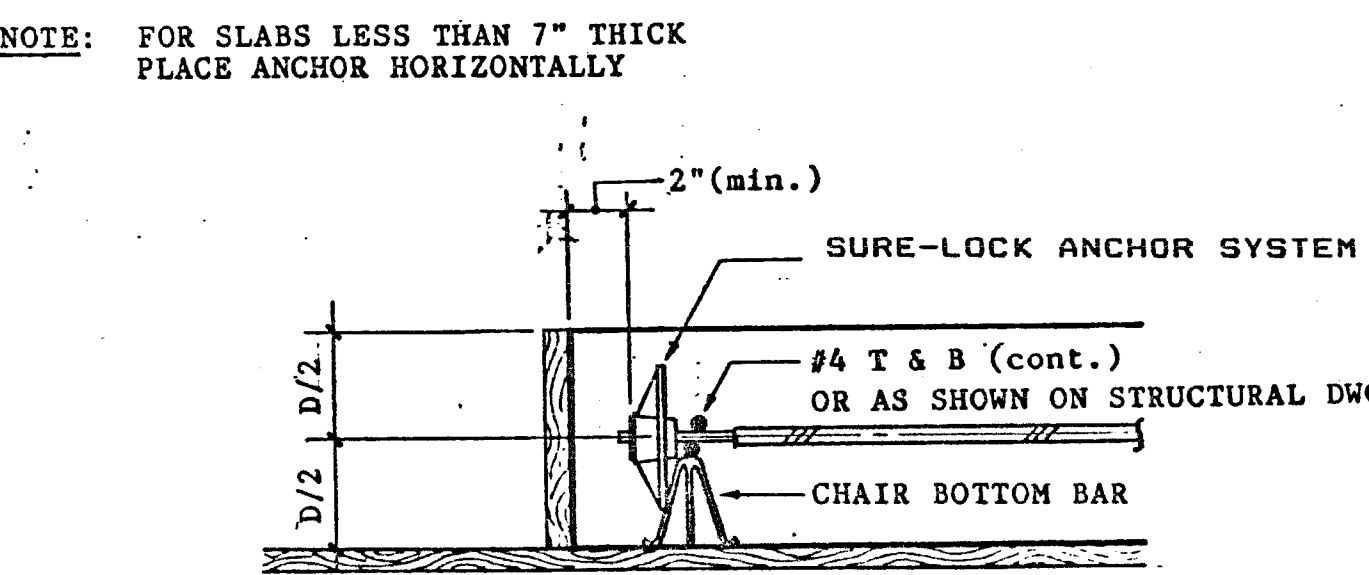
**INTERMEDIATE STRESS-END ANCHORAGE**



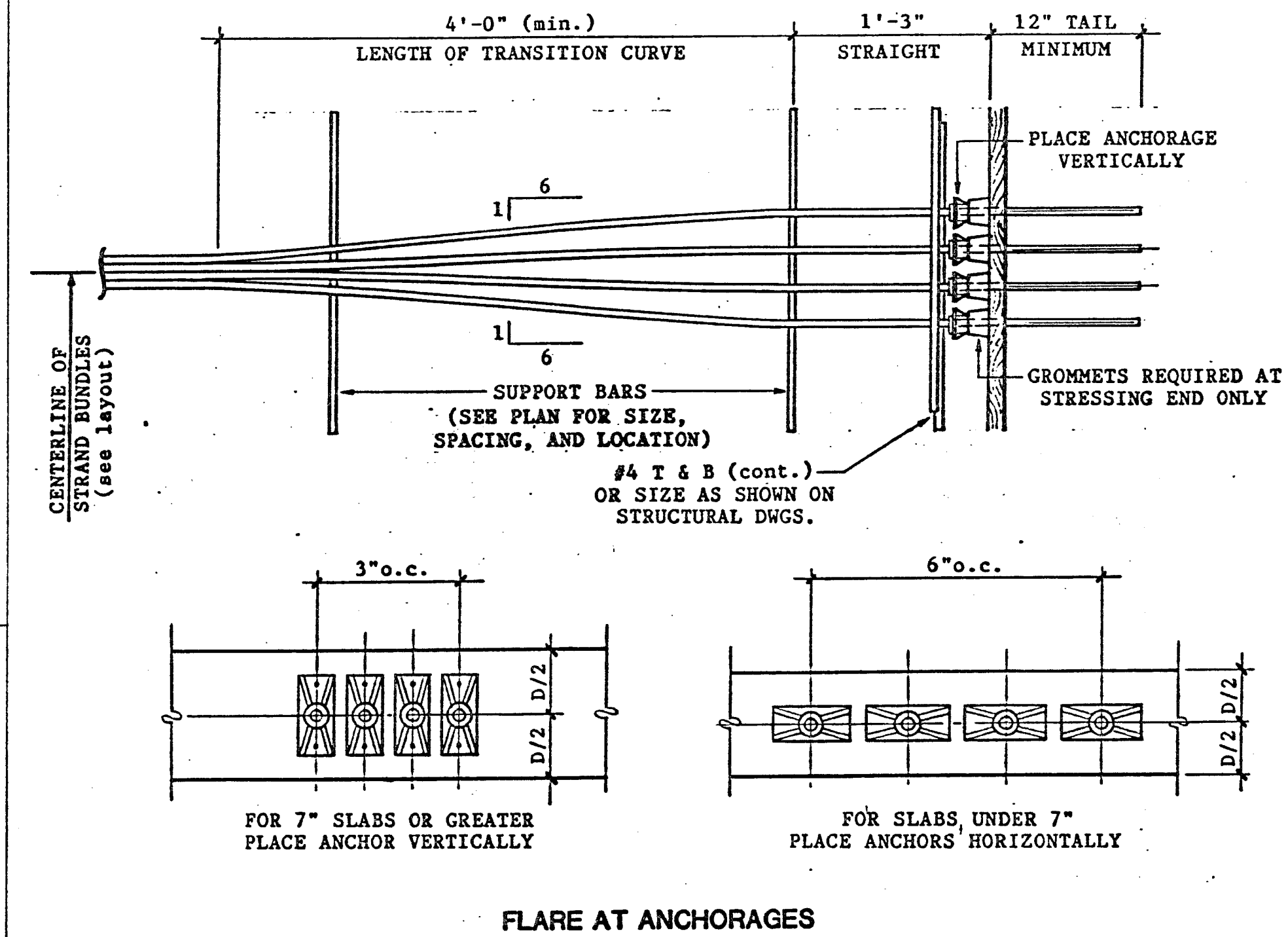
**CHAIRS AND SUPPORTS**



**STRESS-END ANCHORAGE**

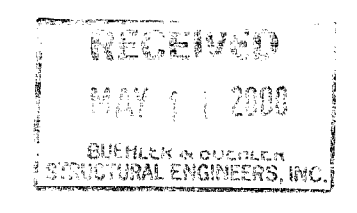


**DEAD-END ANCHORAGE**



**FLARE AT ANCHORAGES**

*provide jack calibration chart w/ max jacking force, lift-off force and req'd elongation for test lab to verify procedure*



Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site, fabrication processes and techniques of construction, coordination of his work with that of all other trades and the satisfactory performance of his work.	MAKE CORRECTIONS NOTED
Contractor to review and be in agreement with drawings by structural engineer prior to proceeding with fabrication. In event of disagreement, contact owner's representative.	NO EXCEPTIONS TAKEN
	REVISE AND RESUBMIT
	CHECKED FOR STRUCTURAL ITEMS ONLY
	SEE COMMENT
	CHECKED FOR DIMENSIONS
	DATE: 5/11/00
	BY: [Signature]

REVISIONS	BY

**GENERAL NOTES**



Date	4/10/2000
Scale	
Drawn	15
Job	451
Sheet	PT-1
Of	
Sheets	

91-01760

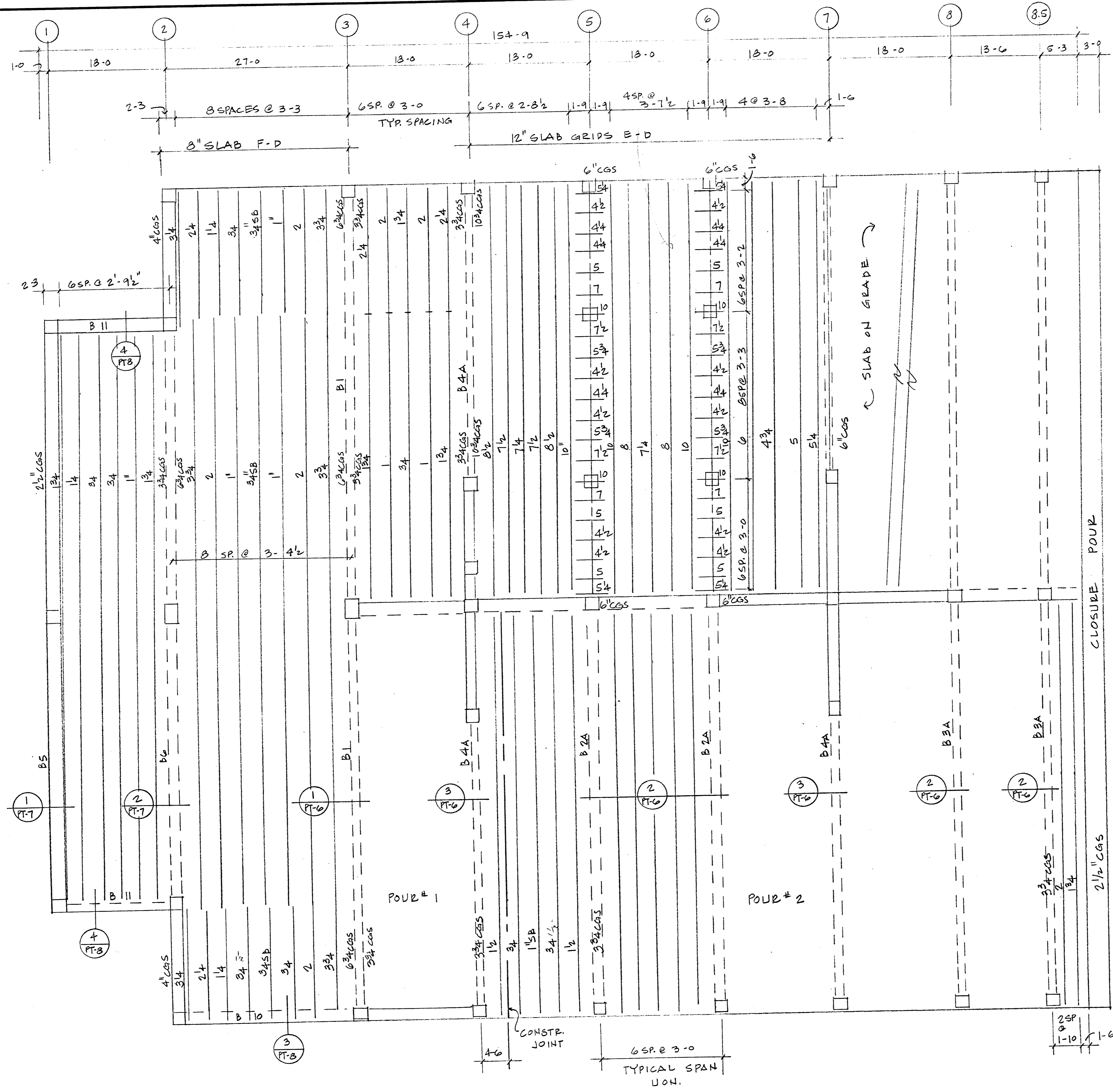


REVISIONS	BY



2ND FLOOR

ESSENTIAL SERVICES  
PARKING GARAGE  
STOCKTON CALIF.



Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and corrected at the job site. Fabrication processes and techniques of construction, coordination of this work with that of all other trades and the satisfactory performance of this work.

MAKE CORRECTIONS NOTED NO EXCEPTIONS CHECKED FOR REVISIONS AND RESUBMIT CHECKED FOR STRUCTURAL ITEMS ONLY SEE COMMENT CHECKED FOR DIMENSIONS ONLY

DATE: 4/10/00 BY: [Signature]

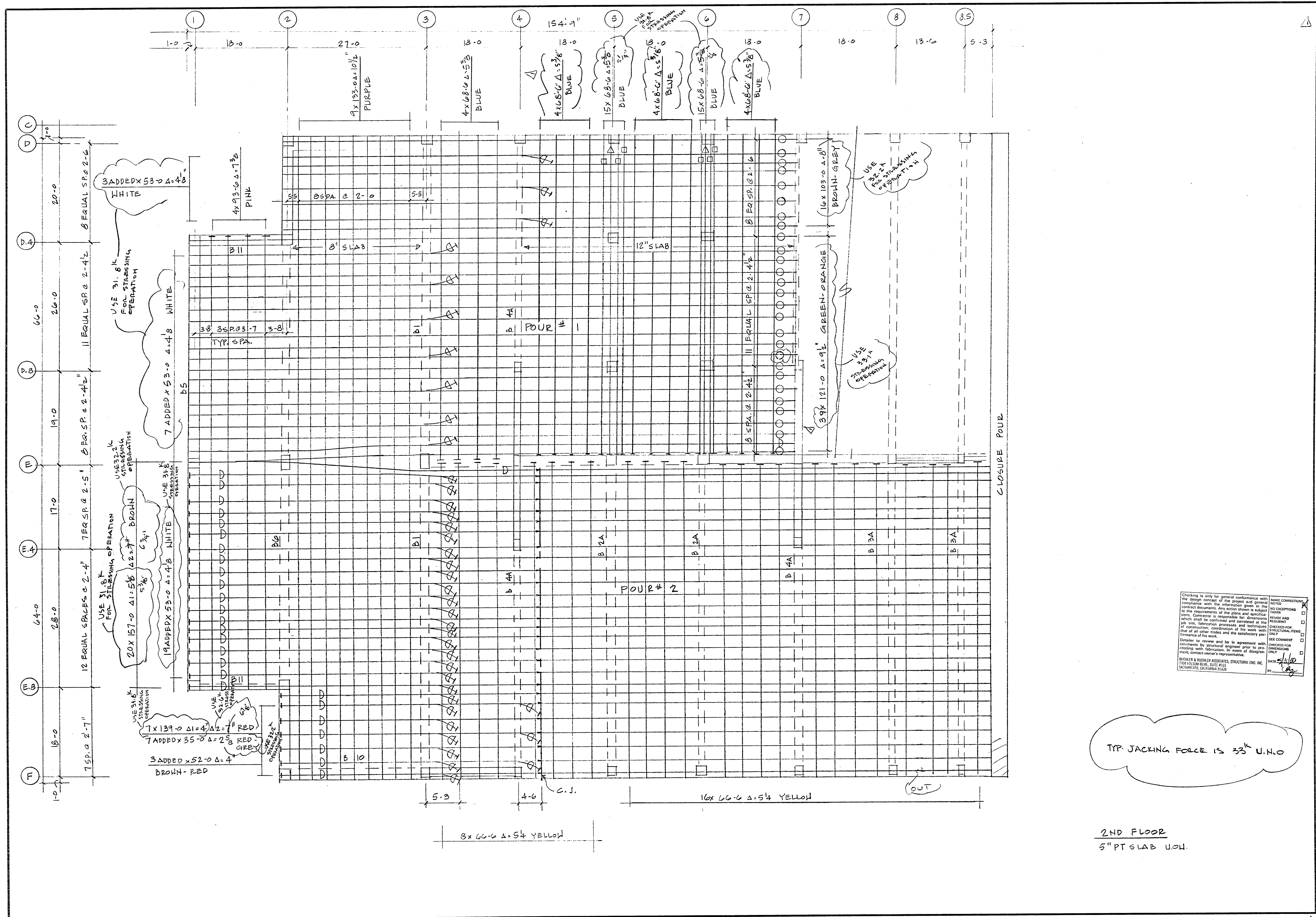
BUHLER & BIEMER ASSOCIATES, STRUCTURAL ENGINEERS, INC. 725 FOLSON BLVD., SUITE 410 SACRAMENTO, CALIFORNIA 95826

- NOTES:
- 5" P.T. CONC. SLAB - U.O.N.
  - VERIFY ALL DIMENSIONS AND OPENINGS WITH ARCH'L AND STRUC'L DWGS.
  - FOR ADDITIONAL INFORMATION, NOTES, AND DETAILS, SEE SHT. PT-1 AND STRUC'L DWGS.
  - SB DENOTES SLAB BOLSTER - C.G.S. - 1/4"
  - CHAIR HEIGHTS - C.G.S. - 3/4"
  - USE #4 SUPPORT BARS - U.O.N.
  - ALL TENDONS INCLUDING ADDED TENDONS ARE TO BE ANCHORED AT MID-DEPTH OF SLAB.
  - C.G.S. = CENTER GRAVITY OF STEEL TENDONS

Date	4-4-2000
Scale	1/8" = 1'-0"
Drawn	IS
Job	451
Sheet	PT-2
Of	Sheets

5/4/00 4/10/00





Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown in the drawings is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions on job site, fabrication processes and techniques of construction, coordination of his work with that of all other trades and the satisfactory performance of his work.

MAXIMUM CONNECTIONS NOTED  
NO EXCEPTIONS TAKEN  
REVISE AND RESUBMIT  
CHECKED FOR STRUCTURAL ITEMS ONLY  
SEE COMMENT CHECKED FOR DIMENSIONS ONLY

Detailer to review and be in agreement with comments by structural engineer prior to printing. Contact owner's representative.

BUHLER & BUHLER ASSOCIATES, STRUCTURAL ENGINEERS  
7700 HOLBORN BLVD., SUITE #110  
SACRAMENTO, CALIFORNIA 95828

DATE: 5/11/00  
BY: [Signature]

TYP. JACKING FORCE IS 33K U.N.O.

REVISIONS	BY
5/11/00	RY

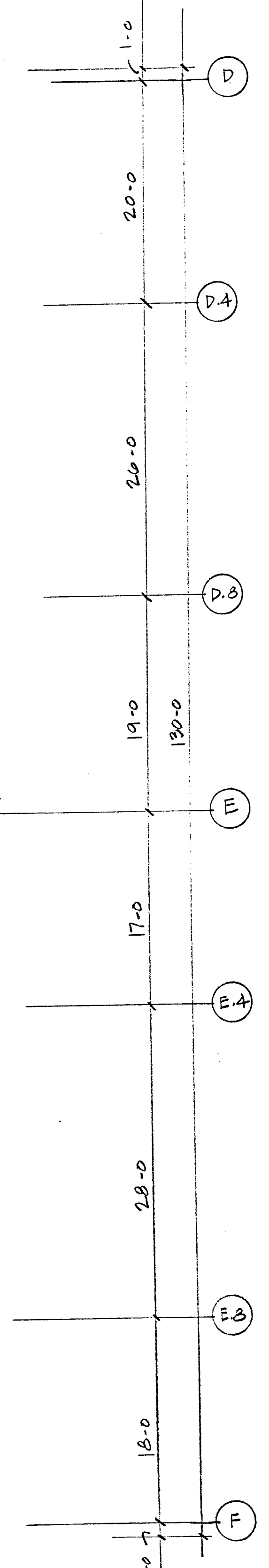
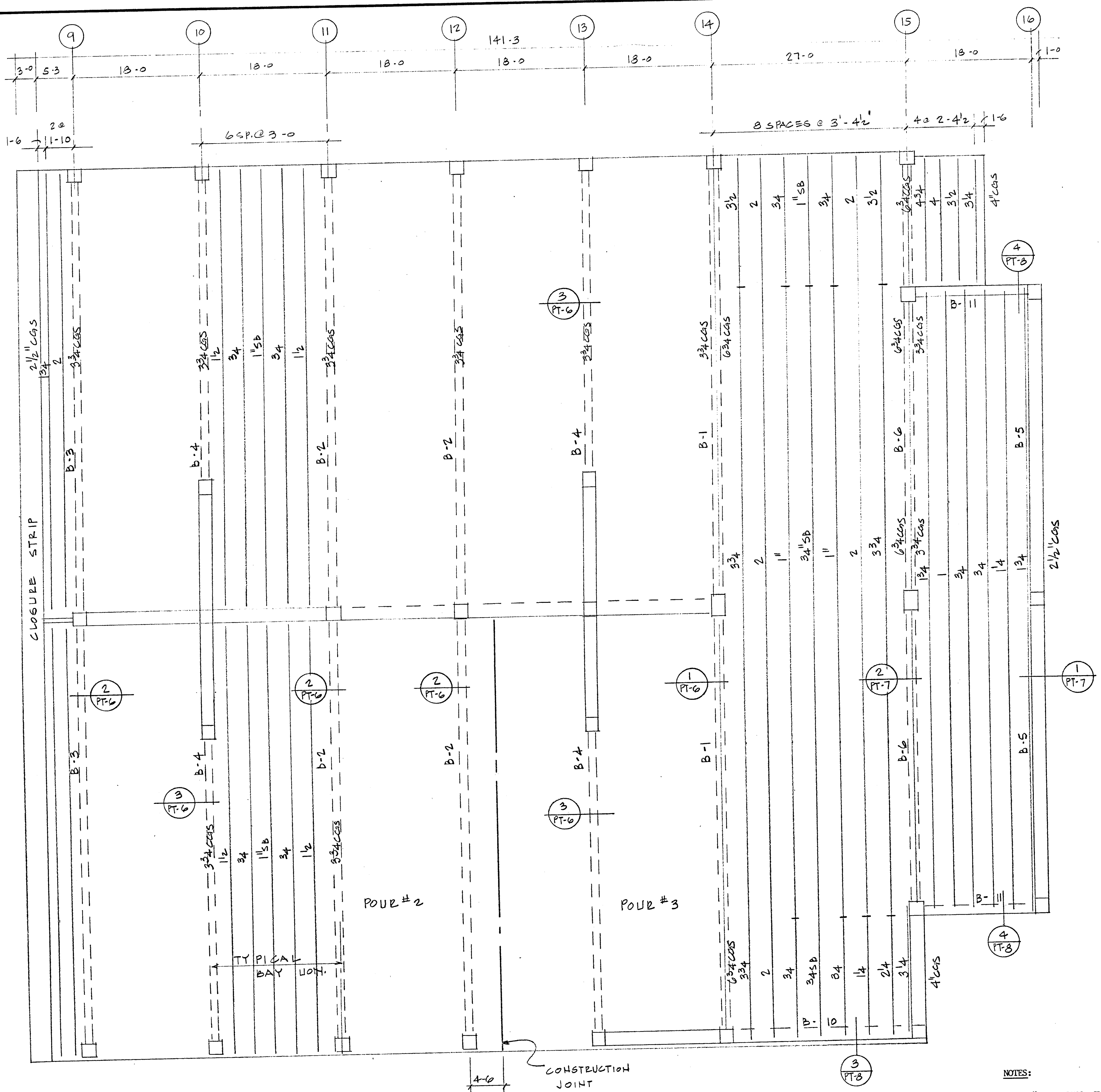


2ND FLOOR

ESSENTIAL SERVICES  
PARKING GARAGE  
STOCKTON CALIF

Date	4-4-2000
Scale	1/8" = 1'-0"
Drawn	IS
Job	451
Sheet	PT-3
Of	Sheets





- NOTES:**
- 5" P.T. CONC. SLAB - U.O.N.
  - VERIFY ALL DIMENSIONS AND OPENINGS WITH ARCH'L AND STRUC'L DWGS.
  - FOR ADDITIONAL INFORMATION, NOTES, AND DETAILS, SEE SHT. PT1 AND STRUC'L DWGS.
  - SB DENOTES SLAB BOLSTER - C.G.S. - 1/4"
  - CHAIR HEIGHTS = C.G.S. - 3/4"
  - USE #4 SUPPORT BARS - U.O.N.
  - ALL TENDONS INCLUDING ADDED TENDONS ARE TO BE ANCHORED AT MID-DEPTH OF SLAB.
  - C.G.S. = CENTER GRAVITY OF STEEL TENDONS

MAKE CORRECTIONS	<input checked="" type="checkbox"/>
NOTED	<input type="checkbox"/>
NO EXCEPTIONS TAKEN	<input type="checkbox"/>
REVISIONS AND RESUBMIT	<input type="checkbox"/>
CHECKED FOR CONFORMANCE WITH ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF HIS WORK.	<input type="checkbox"/>
DETAILER TO REVIEW AND BE IN AGREEMENT WITH COMMENTS BY STRUCTURAL ENGINEER PRIOR TO PROCEEDING WITH FABRICATION. IN EVENT OF DISAGREEMENT, CONTACT OWNER'S REPRESENTATIVE.	<input type="checkbox"/>
DATE: 5/16/00	<input type="checkbox"/>
BY: [Signature]	<input type="checkbox"/>

REVISIONS	BY



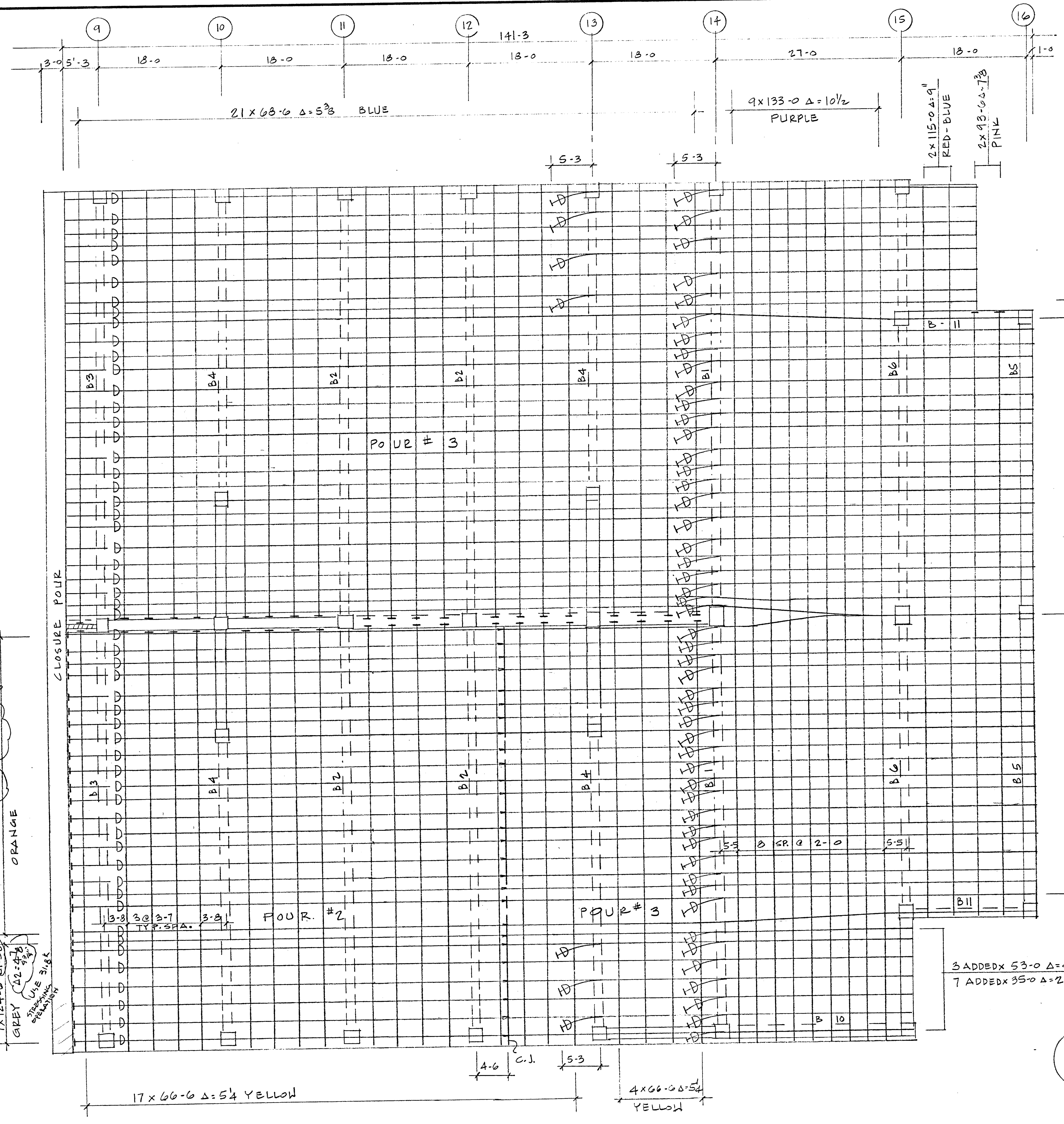
2ND FLOOR

ESSENTIAL SERVICES  
PARKING GARAGE  
STOCKTON CALIF.

Date	4-4-2000
Scale	1/8" = 1'-0"
Drawn	IS
Job	451
Sheet	PT-4
Of	4 Sheets

5/16/00





7 x 124-6 Δ=5 3/8  
 GREY USE 3/16" STRESSING OPERATION  
 20 x 143-6 Δ=5 3/8  
 ORANGE  
 USE 3/16" STRESSING OPERATION  
 20 x 143-6 Δ=5 3/8  
 USE 3/16" STRESSING OPERATION

8 x 137-0 Δ=10 3/4 GOLD  
 4 ADDED x 63-0 Δ=5 GREEN  
 5 ADDED x 45-0 Δ=3 1/2 SILVER

19 ADDED x 53-0 Δ=4 1/8 WHITE  
 20 x 145-0 Δ=11 3/8 NO COLOR  
 USE 3/16" STRESSING OPERATION

19 ADDED x 53-0 Δ=4 1/8 WHITE

3 ADDED x 53-0 Δ=4 1/8 WHITE  
 7 ADDED x 35-0 Δ=2 3/8 RED-GREY

TYP. JACKING FORCE IS  
 33K UN.O

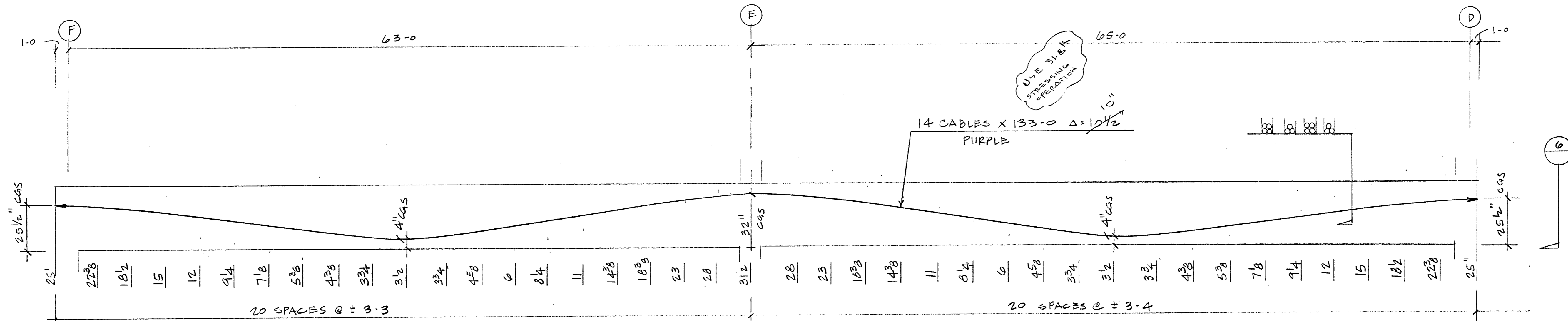
Checking is only for general conformance with design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions, job site, fabrication processes and techniques that of all other trades and the satisfactory performance of his work.  
 MAKE CORRECTIONS NOTED NO EXCEPTIONS TAKEN  
 REVISE AND RESUBMIT  
 CHECKED FOR STRUCTURAL ITEMS ONLY  
 SEE COMMENT  
 CHECKED FOR DIMENSIONS ONLY  
 DATE: 4/10/00  
 BY: [Signature]  
 BIEHLER & BIEHLER ASSOCIATES, STRUCTURAL ENG. INC.  
 2700 FORTY-NINTH AVENUE, SUITE 1000  
 SACRAMENTO, CALIFORNIA 95833

REVISIONS	BY
1/1/00	RM

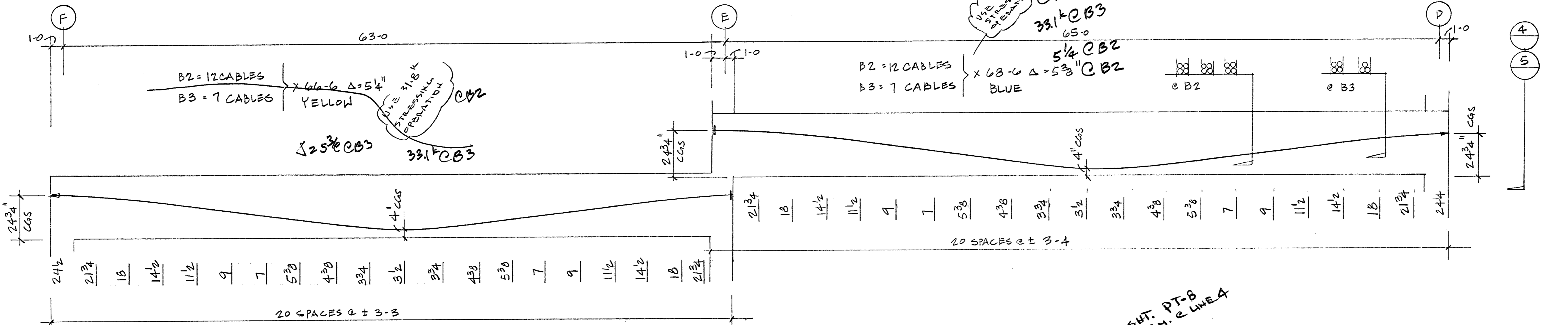
  

<b>2ND FLOOR</b>	
ESSENTIAL SERVICES PARKING GARAGE	CALIF STOCKTON
Date 4-4-2000	Scale 1/8" = 1'-0"
Drawn 15	Job 451
Sheet PT-5	Of Sheets

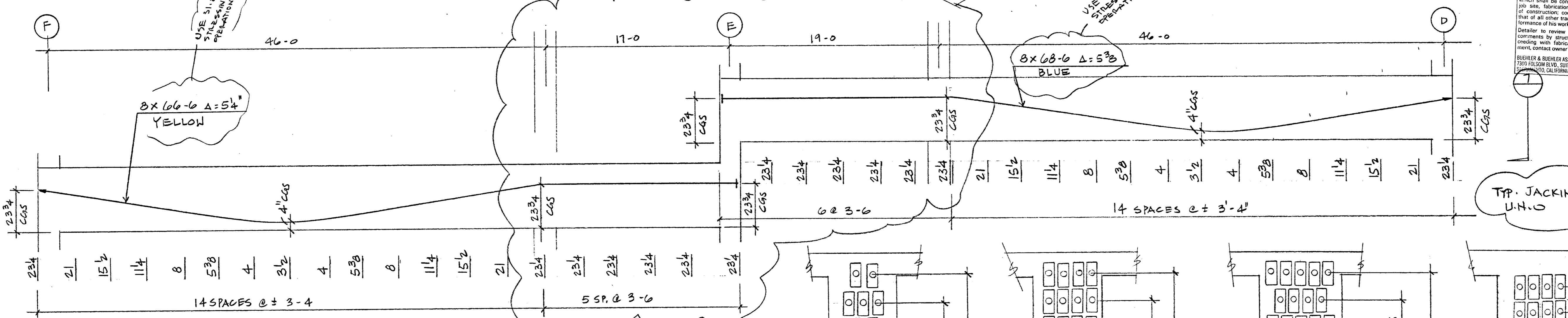




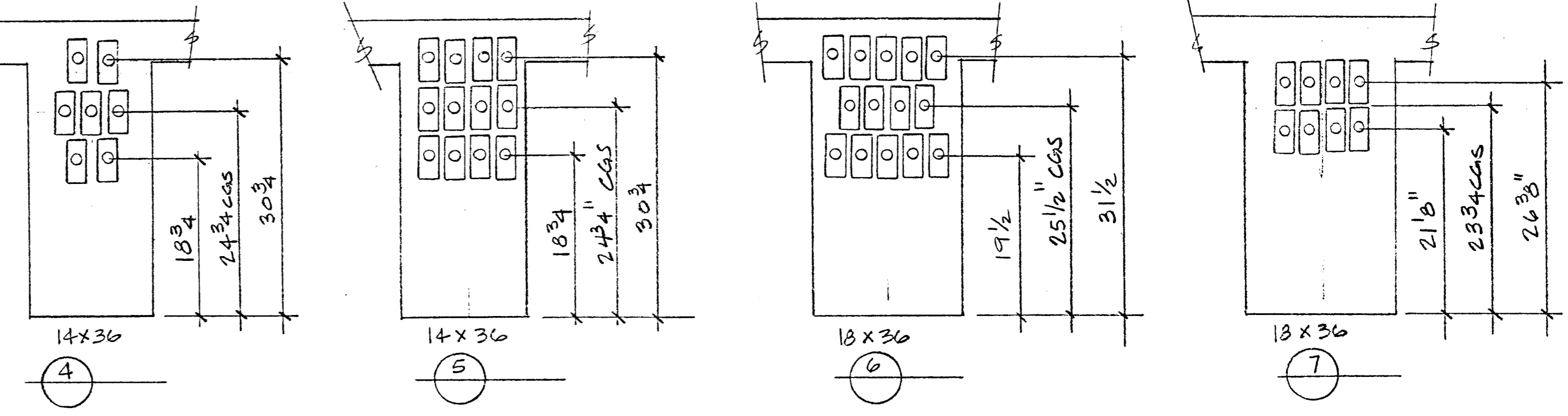
1 BEAM B-1  
18" x 36"



2 BEAMS B2 B3 (B2A B3A)  
14" x 36"



3 BEAM B4 B4A  
18" x 36"



4

5

6

7

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications which shall be confirmed and corrected at the job site, fabrication processes and techniques that of all other trades and the satisfactory performance of his work.

Detailer to review and be in agreement with comments by structural engineer prior to proceeding with fabrication. In event of disagreement, contact owner's representative.

BRUNER & BRUNER ASSOCIATES, STRUCTURAL ENG. INC.  
2200 FOLSOM BLVD., SUITE 402  
SAN FRANCISCO, CALIFORNIA 94108

DATE: 5/1/00  
BY: [Signature]

REVISIONS	BY
5/10/00	RJK

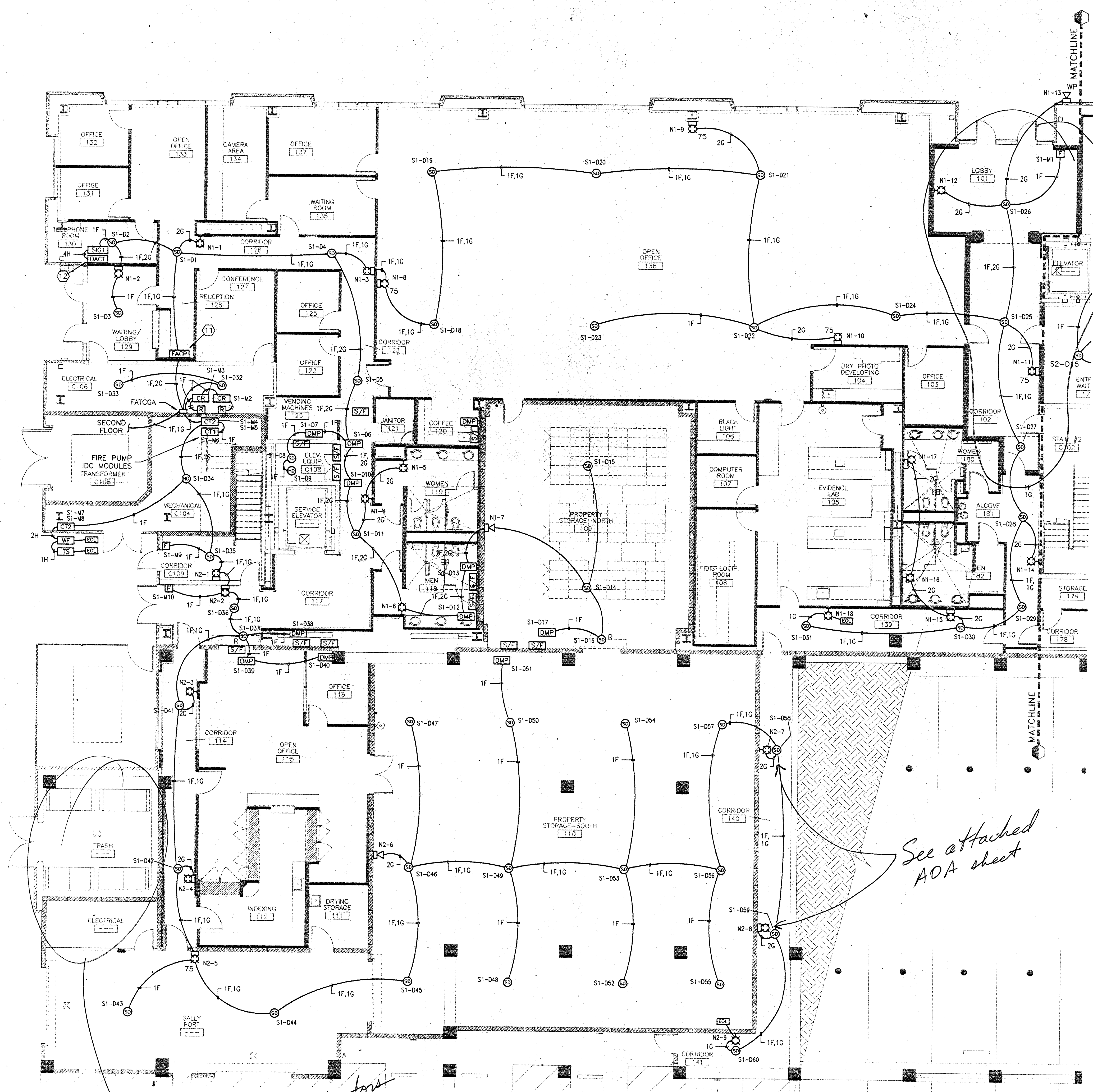


BEAMS

ESSENTIAL SERVICES  
PARKING GARAGE  
STOCKTON CALIF.

Date	4-4-2000
Scale	
Drawn	15
Job	451
Sheet	PT-6
Of	Sheets





*Coordinate layouts of sheet A4.03*

*See attached AOA sheet*

*Consider detectors in these rooms*

*Deferred to Elect. Engr. review except as noted.*

*Confirm need for devices in Penthouse*

**CABLE SCHEDULE**

F.	West Penn 971 - SLC (Addressable Detectors & Modules)
G.	(2) #12 THWN (bu/bn) - NAC (Notification Appliances)
H.	(2) #14 THWN (rd/bk) - IDC (Initiating Devices)

**PARTIAL GROUND FLOOR PLAN**  
1/8" = 1'-0"

**SCOPE OF WORK**

Two projects are included in this scope of work: the Essential Services Building and the Parking Garage.

One fire alarm control panel (FACP) will monitor all areas of both projects. The FACP will be interfaced with a Digital Alarm Communication Transmitter (DACT) for reporting to a UL listed monitoring company. (Note: the monitoring company will be contracted directly by the City of Stockton.)

Fire alarm initiating devices and remote relays will be interfaced with the system via signaling line circuits (SLC). Hardwired devices will be connected to the system on SLC interface module.

Fire alarm notification appliance circuits (NAC) will include self-synchronizing horns and strobes. Strobe intensities determined by the area of coverage.

The Parking Garage is an eight story facility. The only area in the Parking Garage where the fire alarm system will be installed is the elevator area. An elevator smoke alarm reported to the panel will cause the elevator to recall to the ground level. An elevator heat alarm will cause power shut-down to the elevator.

The Essential Services Building (ESB) is a four story building of office spaces. The fire alarm system will be installed in tenant improved (TI) areas. Elevator recall and shut-down will be the same for the Parking Garage. Door holders will be powered by its own power supply (non-battery backed-up).

**SYMBOL LEGEND**

SYMBOL	MANUFACTURER	MODEL	BACKBOX	DESCRIPTION
FACP	EST	EST3	3-CAB14	Fire Alarm Control Panel 7165-1388:211
DACT	Radianics	D7212	D8109	Digital Alarm Communication Transmitter 7165-0801:123
BPS	EST	BPS6		Booster Power Supply 7300-1388:215
	EST	SIGA-CC1		NAC Module 7300-1388:178
IP	EST	SIGA-270	4"sq. deep & 1-gang ring	Manual Pull Station 7150-1388:194
⊙	EST	SIGA-PS		Smoke Detector 7272-1388:186
⊙	EST	SIGA-SB	4"sq. deep & 3" O-ring	Standard Base 7300-1388:170
⊙	EST	SIGA-PS		Smoke Detector 7272-1388:186
⊙	EST	SIGA-RB	4"sq. deep & 3" O-ring	Relay Base 7300-1388:170
⊙	(Provided & Installed by Mechanical Contractor)			Duct Smoke Detector
DMP	EST	SIGA-DMP		Duct Mounting Plate (CSFM listing not required)
	EST	SIGA-PS		Smoke Detector 7272-1388:186
	EST	SIGA-SB		Standard Base 7300-1388:170
⊙	EST	SIGA-HRS		Heat Detector 7272-1388:185
⊙	EST	SIGA-SB	4"sq. deep & 3" O-ring	Standard Base 7300-1388:170
⊙	EST	SIGA-CT1	4"sq. deep & 1-gang ring	Single Input IDC Module 7300-1388:178
⊙	EST	SIGA-CT2	4"sq. deep & 1-gang ring	Dual Input IDC Module 7300-1388:178
⊙	EST	SIGA-CR	4"sq. deep & 1-gang ring	Relay Module 7300-1388:178
⊙	EST	(4) SIGA-MCR		(4) Modular Control Relay 7300-1388:178
	EST	SIGA-UI06R	MFC-A	Module Mother Board 7300-1388:178
⊙	EST	757-1A-T	4"sq. deep & 4"sq. extension	Horn 7135-1388:213
⊙	EST	757-1A-T	757A-WB (7300-1388:216)	Weatherproof Horn 7135-1388:213
⊙	EST	757H-15PS	4"sq. deep & 4"sq. extension	Horn & 15cd Strobe (CSFM # pending)
⊙	EST	757H-75PS	4"sq. deep & 4"sq. extension	Horn & 75cd Strobe (CSFM # pending)
⊙	EST	202-15PS	4"sq. deep & 1-gang ring	15cd Strobe (CSFM # pending)
⊙	EST	202-75PS	4"sq. deep & 1-gang ring	75cd Strobe (CSFM # pending)
⊙	EST	1504AQ	4"sq. & 1-gang ring	Magnetic Door Holder 3550-1388:100
⊙	(Provided & Installed by Electrical Contractor)			Smoke/Fire Damper Power Relay
⊙	(Provided & Installed by Sprinkler Contractor)			Sprinkler Water Flow Switch
⊙	(Provided & Installed by Sprinkler Contractor)			Sprinkler Tamper Switch
⊙	(Provided & Installed by Mechanical Contractor)			Smoke/Fire Damper
⊙				End of Line Resistor

**SHEET 1 NOTES**

- The fire alarm system shall conform to the following codes:
  - 1998 California Building Code (Part 2, Title 24)
  - 1998 California Electrical Code (Part 3, Title 24)
  - 1998 California Fire Code (Part 9, Title 24)
  - 1996 NFPA 72 National Fire Alarm Code
- Installation of the fire alarm system shall not be started until detailed specifications including California State Fire Marshal listing numbers voltage drops and battery calculations for each component of the system have been approved by the Stockton Fire Department.
- Upon completion of the installation of the fire alarm system, a satisfactory test of the entire system shall be made in the presence of the Stockton Fire Department and inspector of record.
- All fire alarm audible signals are to be similar in sound and pattern.
- All manual pull stations to be mounted 48" above finished floor to center of box. All strobes and horn/strobes shall be mounted 80" above finished floor or 6" below ceiling, whichever is lower. All horns are to be mounted 90" above finished floor.
- "Cut-in" type electrical boxes are not acceptable. Provide as shown in Symbol Legend.
- Do not locate heat and smoke detectors within 3' of any air register (supply or return). Verify exact locations in field.
- All conduits 3/4" minimum unless otherwise specified. All fire alarm cable shall be in conduit.
- Leave the following cable tails:
  - a. 10' at terminal cabinets, FACP, and BPS
  - b. 25' at terminal boards
  - c. 2' at all devices.
- Provide (1) dedicated 120V 20A circuit at FACP.
- Provide (1) dedicated 120V 20A circuit at transformer housing for DACT. Install 1/2" conduit chase between transformer housing and DACT.

RECEIVED  
JUN 26 2000  
ENGLISH HARPER RETA ARCHITECT

Checking is only for conformance with the design of the project and compliance with the information given in the Contract Documents. Contractor is responsible for discrepancies to be identified and corrected at the job site. Information that pertains to the work of other trades or subcontractors is not the responsibility of the Architect or Contractor.

RECEIVED  
MAY 17 2000  
CONSTRUCTION

Submitted for General Conformance with the Contract Documents. This document is not to be used for construction purposes. The contractor is responsible for all construction work shown on this sheet. If any changes are required, they must be approved by the Architect.

NUMBER CONSTRUCTION CO.  
Submitted # 11000-05  
Specified by 11/25/00  
Date 1/25/00  
By GH

REVISIONS BY

5/8/00	DM	Corrections
--------	----	-------------

quality sound

PARTIAL GROUND FLOOR PLAN  
SYMBOL LEGEND  
SCOPE OF WORK  
GENERAL INFORMATION

FIRE ALARM SYSTEM

ESSENTIAL SERVICES FACILITY & PARKING GARAGE  
City of Stockton, California

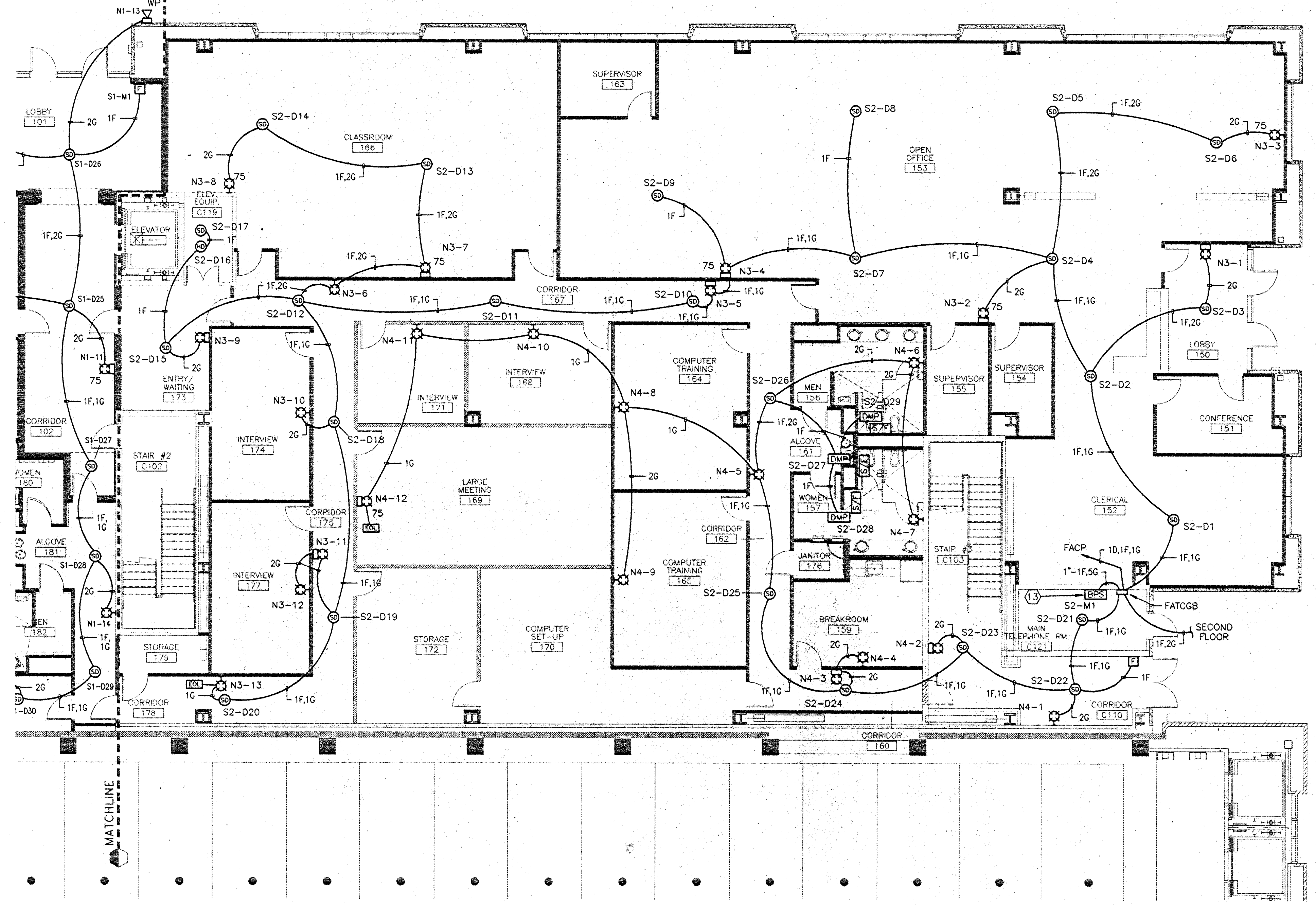
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Checked GH  
Job 1419-STK  
Sheet 1  
Of 6 Sheets



REVISIONS	BY
5/9/00	DM

**SHEET 2 NOTES**

REFER TO SHEET 1 NOTES FOR GENERAL REQUIREMENTS\*\*  
 (1) Provide (1) dedicated 120V 20A circuit at BPS.



**PARTIAL GROUND FLOOR PLAN**  
 1/8" = 1'0"

**FACP BATTERY CALCULATIONS**

Description	Qty	Standby Current (mA)	Total Standby (mA)	Alarm Current (mA)	Total Alarm (mA)
3-SPU Control Board	7	165	1155	180	180
3-SSDC SIGA Controller	2	250	500	350	700
3-IDCB/A Input Module	1	50	50	330	330
3-LCD Display Module	1	40	40	50	50
3-PPS/M Power Supply	1	N/A	N/A	N/A	N/A
Horn (Low Power)	2	---	---	40	40
Horn (High Power)	1	---	---	20	40
Horn/15cd Strobe	14	---	---	98	1372
Horn/75cd Strobe	10	---	---	204	2040
15cd Strobe	24	---	---	78	1872
75cd Strobe	2	---	---	184	368
<b>TOTALS</b>			<b>755</b>	<b>184</b>	<b>6992</b>

\* NOTE: The 3-SSDC (SIGA Device Controller) is calculated with the maximum SIGA device module load (reference cut sheet).  
 For 24 Hours of Supervision and 5 minutes of Alarm:  
 Amper Hours = [(Standby x 24) + (Alarm x .084)] x 1.2  
 = [(0.755 x 24) + (6.992 x 0.084)] x 1.2  
 = 22.5 AH

BATTERIES SUPPLIED: (2) 12V24A (24 Amper Hours, 24 Volts)

**BPS BATTERY CALCULATIONS**

Description	Qty	Standby Current (mA)	Total Standby (mA)	Alarm Current (mA)	Total Alarm (mA)
BPS Electronics	1	N/A	N/A	N/A	N/A
Horn (Low Power)	2	---	---	40	40
Horn (High Power)	0	---	---	40	0
Horn/15cd Strobe	11	---	---	98	1078
Horn/75cd Strobe	7	---	---	204	2040
15cd Strobe	24	---	---	78	1872
75cd Strobe	2	---	---	184	368
<b>TOTALS</b>			<b>0</b>	<b>184</b>	<b>5398</b>

\* NOTE: The 3-SSDC (SIGA Device Controller) is calculated with the maximum SIGA device module load (reference cut sheet).  
 For 24 Hours of Supervision and 5 minutes of Alarm:  
 Amper Hours = [(Standby x 24) + (Alarm x .084)] x 1.2  
 = [(0.000 x 24) + (5.398 x 0.084)] x 1.2  
 = 0.55 AH

BATTERIES SUPPLIED: (2) 12V6A5 (6.5 Amper Hours, 24 Volts)

**NAC SCHEDULE**

NAC	DESCRIPTION	POWER SOURCE
N1	Ground Floor West	FACP NAC #1
N2	Ground Floor West	FACP NAC #2
N3	Ground Floor East	BPS NAC #1
N4	Ground Floor East	BPS NAC #2
N5	Second Floor West	FACP NAC #3
N6	Second Floor West	FACP NAC #4
N7	Second Floor East	BPS NAC #3
N8	Second Floor East	BPS NAC #4

**VOLTAGE DROP CALCULATIONS**

CALCULATION:  
 $dV = V - (2L \times K \times I)$   
 Where:  
 dV = device voltage  
 V = previous device voltage  
 K = wire AWG constant (ohms/ft): #12 = 1.6  
 L = wire length  
 I = current

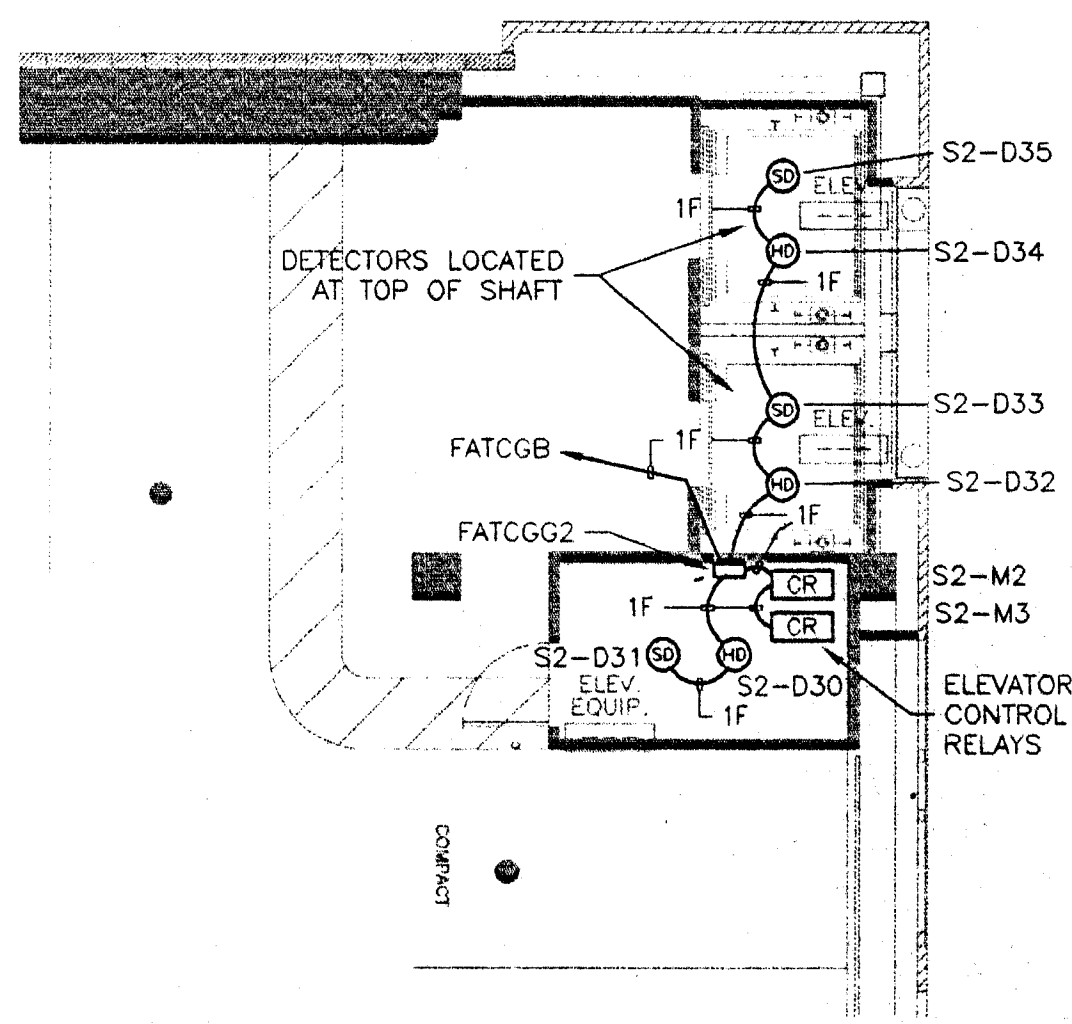
DEVICE LEGEND:  
 S(x) = Strobe where (x) = strobe candela  
 H/S(x) = Horn/Strobe where (x) = strobe candela  
 Horn = Interior Horn (low power)  
 Ext. H = Exterior Horn (high power)

**CIRCUIT N1 (worst case):**

DEVICE ID NO.	DEVICE TYPE	PREV DEV. CUR (mA)	CURRENT CUR (mA)	WIRE AWG	LENGTH (ft)	DEVICE VDC	PERCENT DROP
N1-1	S15	N/A	1872	12	25	23.85	0.62
N1-2	H/S15	78	1794	12	25	23.71	1.22
N1-3	H/S15	98	1696	12	50	23.44	2.35
N1-4	S15	98	1598	12	70	23.08	3.84
N1-5	S15	78	1520	12	15	23.00	4.15
N1-6	S15	78	1442	12	45	22.80	5.01
N1-7	Horn	78	1364	12	30	22.57	5.56
N1-8	H/S75	20	1344	12	110	22.19	7.53
N1-9	H/S75	204	1140	12	120	21.76	9.35
N1-10	H/S75	204	936	12	60	21.58	10.10
N1-11	H/S75	204	732	12	75	21.40	10.83
N1-12	S15	204	528	12	50	21.32	11.19
N1-13	Ext. H	78	450	12	40	21.26	11.43
N1-14	S15	40	410	12	95	21.13	11.95
N1-15	H/S15	78	332	12	45	21.09	12.15
N1-16	S15	98	234	12	15	21.07	12.19
N1-17	S15	78	156	12	20	21.06	12.23
N1-18	S15	78	78	12	75	21.05	12.31

**OTHER CALCULATED VOLTAGES:**

CIRCUIT NUMBER	CALCULATED VOLTAGE	PERCENT DROP
N2	23.48	2.15
N3	21.93	8.64
N4	23.18	3.43
N5	21.94	8.58
N6	22.52	6.16
N7	22.80	4.98
N8	23.34	2.76



**PARKING ELEVATORS DETAIL**  
 1/8" = 1'0"

**FIRE ALARM SEQUENCE OF OPERATION**

Result of Operation	Pull Station	Smoke Detector	Elevator Smokes	Heat Detector	Elevator Heats	Duct Detector	Sprink. Flow	Sprink. Tamper	Fire Pump Running	Fire Pump Trouble	Fire Pump Phase Rev.	Power Loss	Single Open	Single Ground	Wire-To-Wire Short (IDC)	Wire-To-Wire Short (SLC)	Wire-To-Wire Short (NAC)
Annunciate Alarm	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Annunciate Trouble																	
Audible Alarm	X	X	X	X	X	X	X		X								
Visual Alarm	X	X	X	X	X	X	X		X								
Shutdown HVAC		X	X				X										
Close Fire/Smoke Dampers		X	X				X										
Release Fire Door	X	X	X														
Recall Elevator			X														
Shut Down Elevator					X												

Notes:  
 1. Supervisory Alarm.  
 2. Roll-down door shall be shut only when associated detector reports an alarm.  
 3. Where applicable.  
 4. Smoke detectors associated with elevators shall cause recall of associated elevator to associated floor.  
 5. Heat detectors associated with elevators shall cause shut-down of associated elevator.

NOTE: ONLY OPERATIONS IN SCOPE OF THIS PROJECT SHOWN.



Approved for Construction of the Project by the City of Stockton, California.  
 Checked by: [Signature]  
 Drawn by: [Signature]  
 Date: 3/17/00

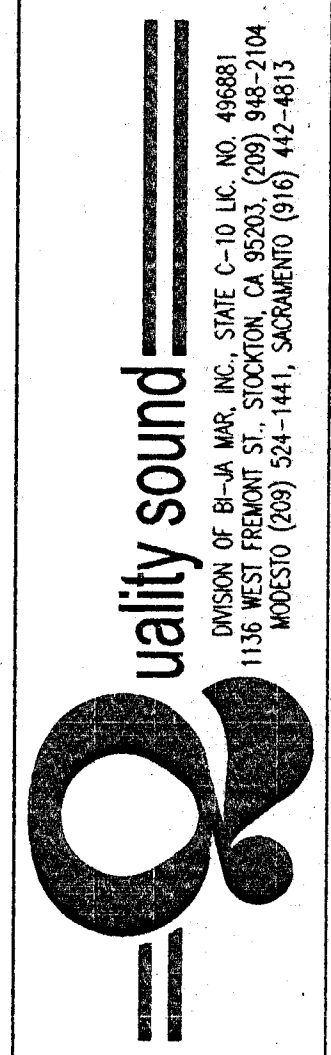
PARTIAL GROUND FLOOR PLAN  
 PARKING ELEVATORS DETAIL  
 SEQUENCE OF OPERATION  
 CALCULATIONS  
 NAC SCHEDULE

FIRE ALARM SYSTEM

ESSENTIAL SERVICES FACILITY  
 & PARKING GARAGE  
 City of Stockton, California



REVISIONS	BY
5/9/00	DM



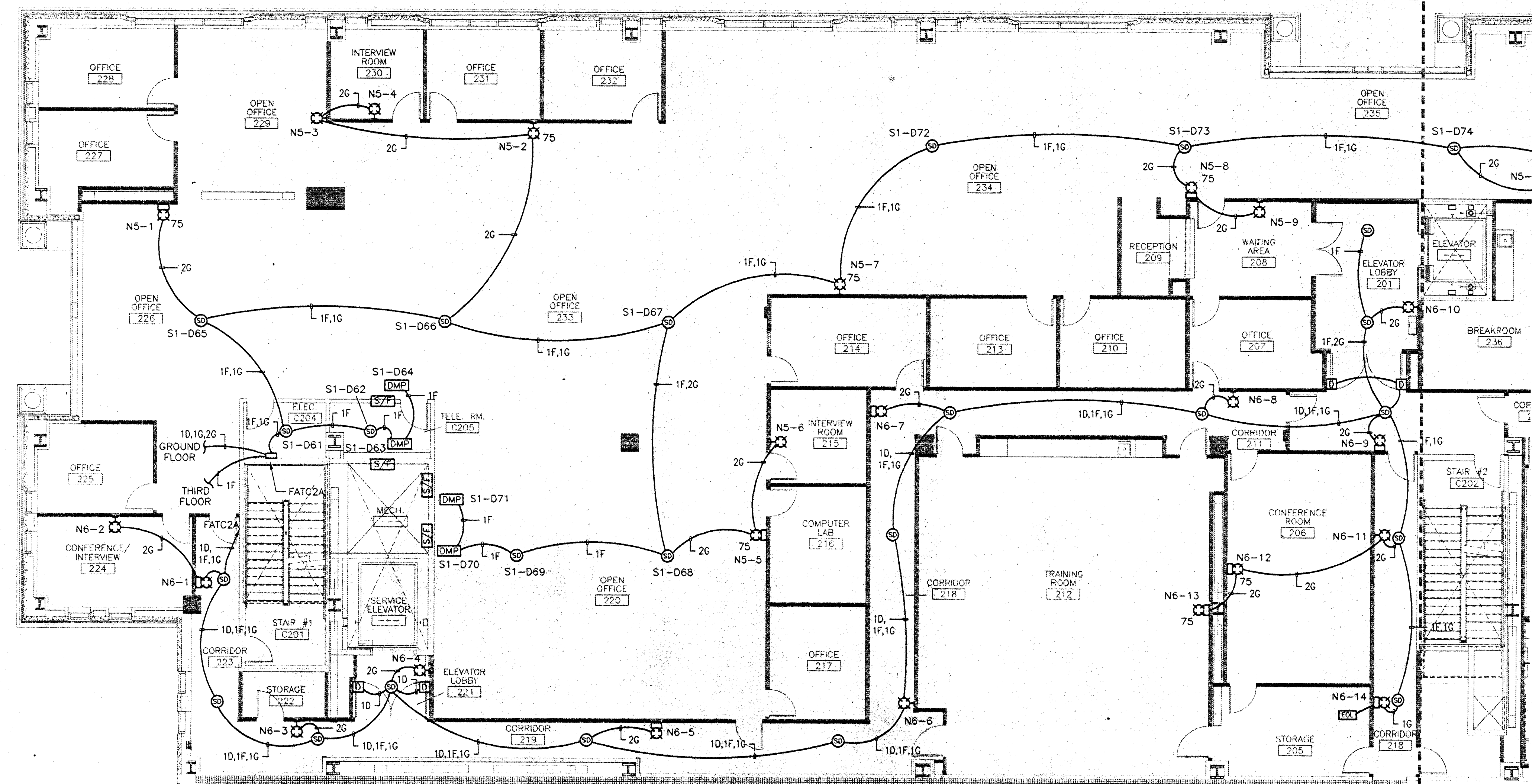
SECOND FLOOR PLAN DETAILS

FIRE ALARM SYSTEM

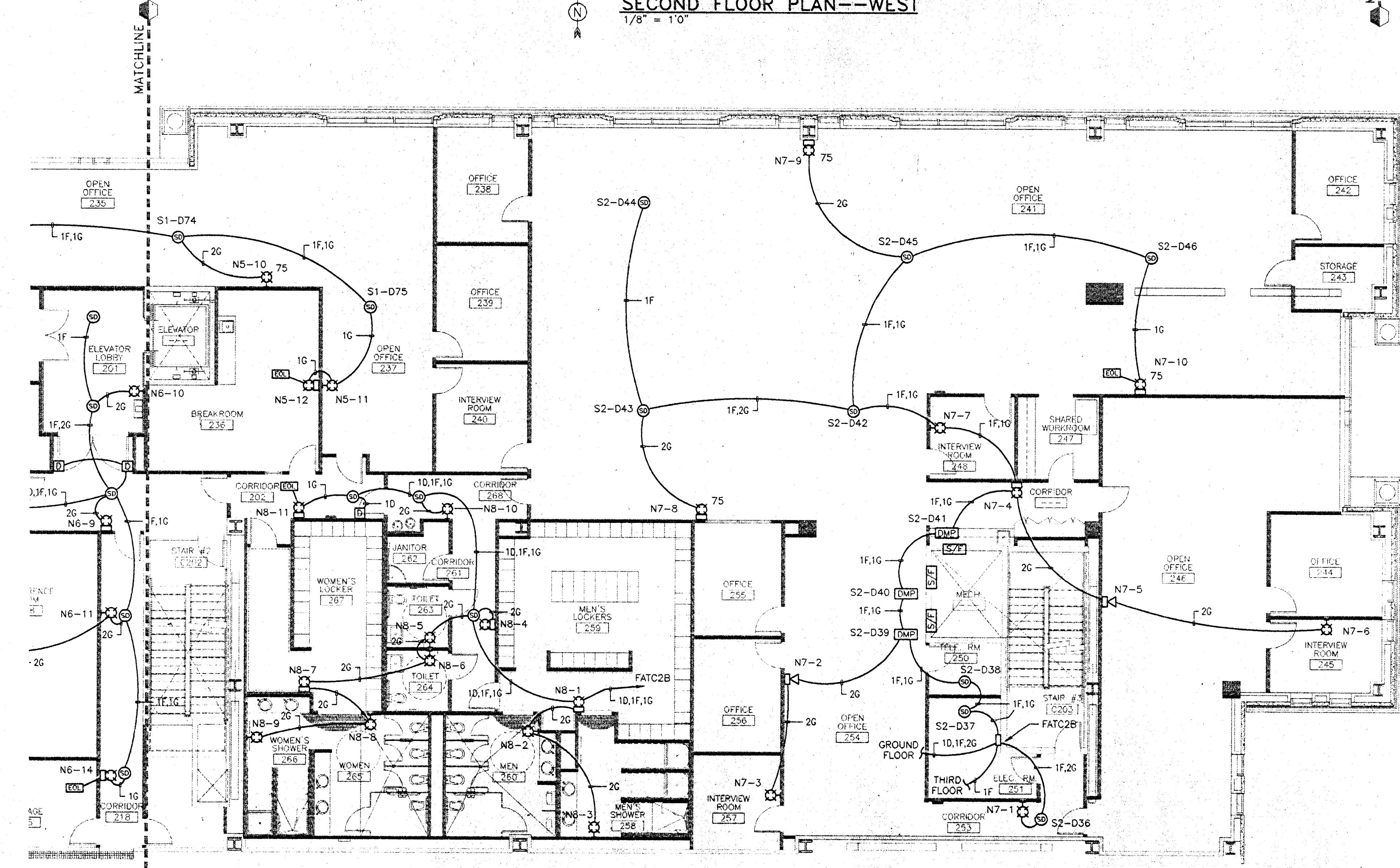
ESSENTIAL SERVICES FACILITY & PARKING GARAGE  
City of Stockton, California

Date	3/17/00
Scale	SHOWN
Drawn	GH
Checked	GH
Job	1419-STK
Sheet	3
Of	6 Sheets

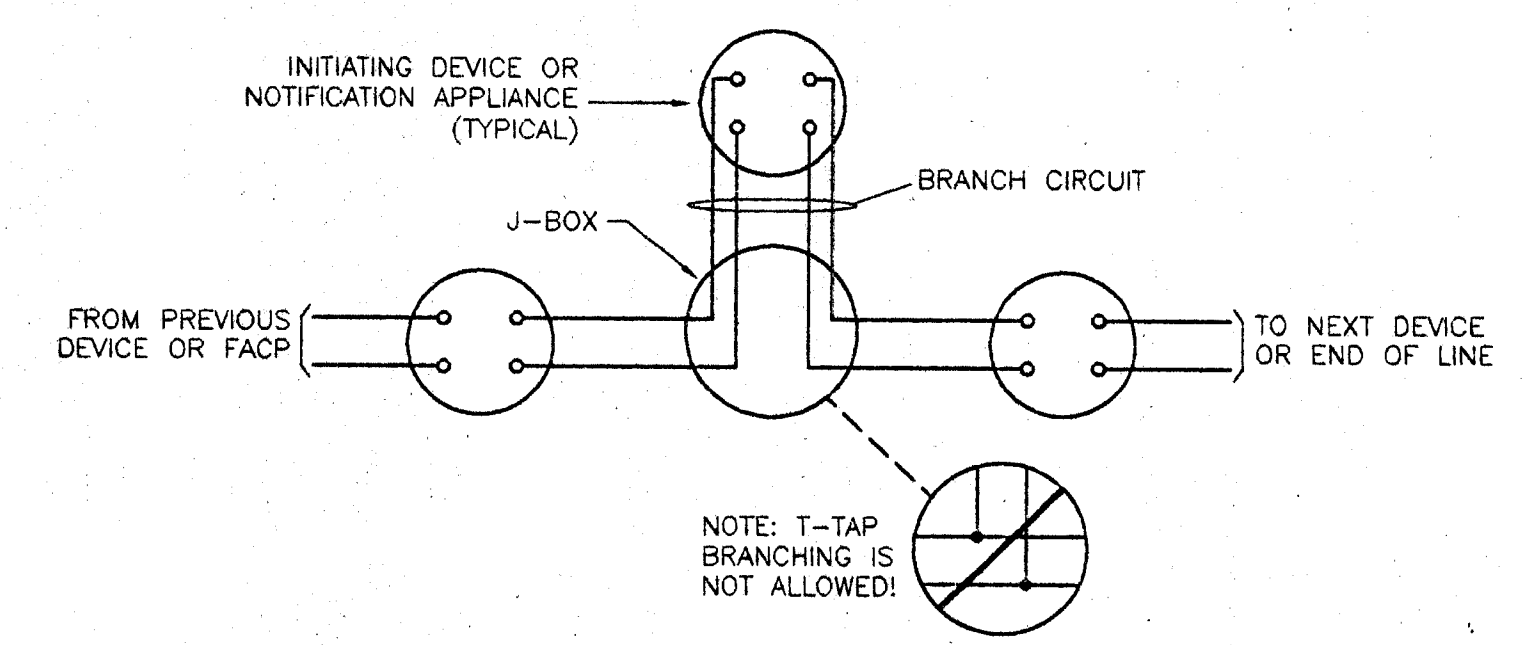
**SHEET 3 NOTES**  
\*\*REFER TO SHEET 1 NOTES FOR GENERAL REQUIREMENTS\*\*



SECOND FLOOR PLAN--WEST  
1/8" = 1'0"

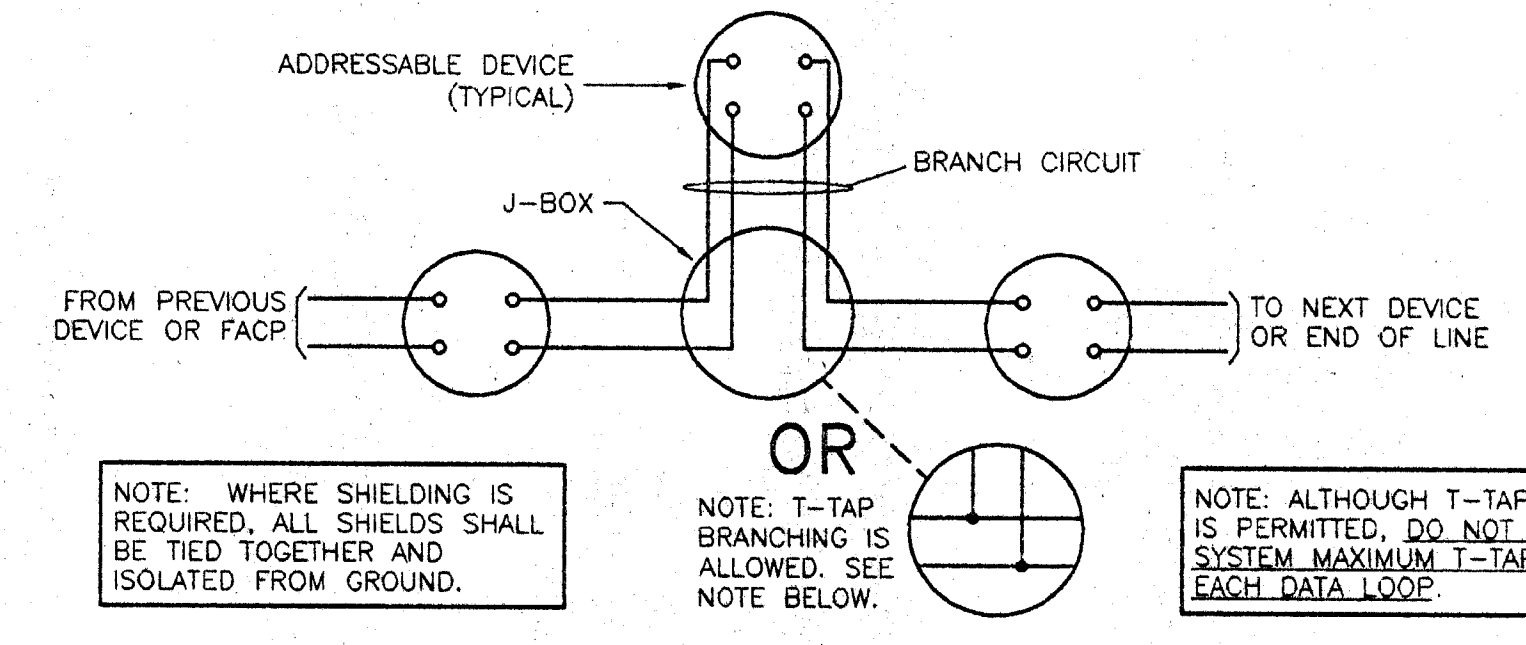


SECOND FLOOR PLAN--EAST  
1/8" = 1'0"



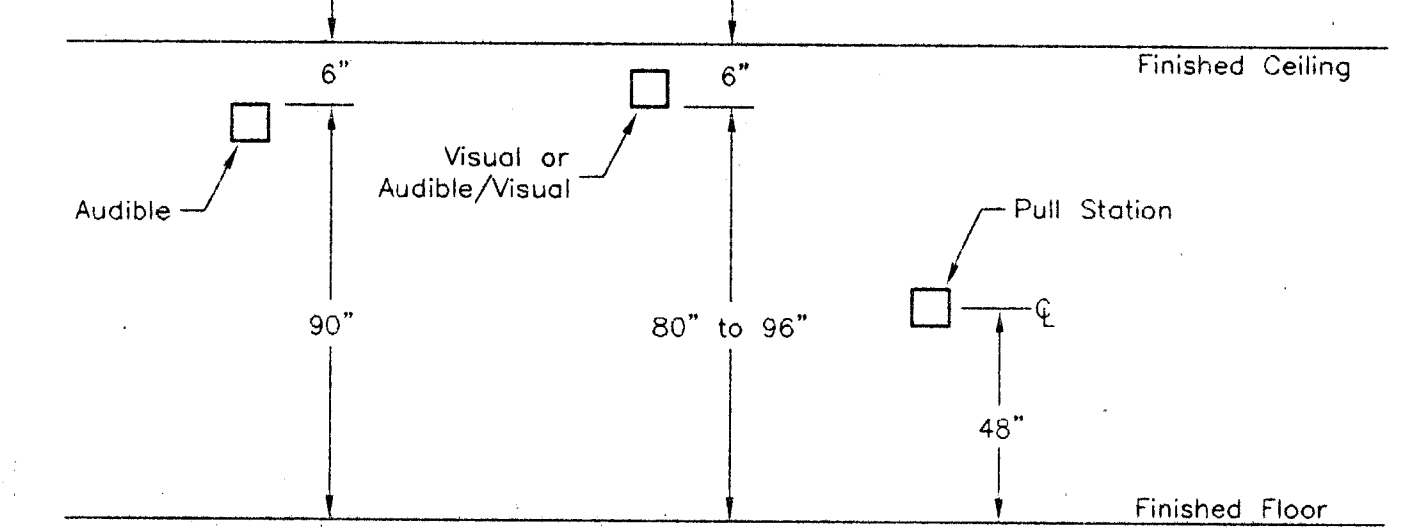
NOTE: THIS DETAIL SHOWS ACCEPTABLE WIRING PRACTICES FOR ALL SUBMITTED INITIATING DEVICE CIRCUITS (IDO), ALL NOTIFICATION APPLIANCE CIRCUITS (NAC), AND ALL SIGNALING LINE CIRCUITS (SLC) THAT DO NOT CONFORM TO CLASS B STYLES 3.5, 4 OR 4.5 REQUIREMENTS.

CONVENTIONAL CIRCUIT WIRING DETAIL  
NO SCALE



NOTE: THIS DETAIL SHOWS ACCEPTABLE WIRING PRACTICES FOR THE SUBMITTED NFPA 72 CLASS B STYLE 4 SIGNALING LINE CIRCUIT (SLC) USED FOR ADDRESSABLE DEVICES. THIS DETAIL IS NOT INTENDED FOR ANY CLASS A TYPE CIRCUIT, NOR IS IT INTENDED FOR INITIATING DEVICE CIRCUITS (IDO) OR NOTIFICATION APPLIANCE CIRCUITS (NAC).

ADDRESSABLE (SLC) CIRCUIT WIRING DETAIL  
NO SCALE



NOTE: Interior audible appliances shall have top of devices at heights above finished floor of no less than 90", and below the finished ceiling of no less than 6". Exterior horns shall have top of devices at heights of no less than 90".

NOTE: Visual and audible/visual appliances shall have bottom of devices at heights above finished floor of no less than 80" and no greater than 96", and below the finished ceiling of no less than 6".

NOTE: Mount pull stations at 48" above finished floor to center of devices.

FIRE ALARM HEIGHT DETAIL  
NO SCALE

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CONSTRUCTION CO.

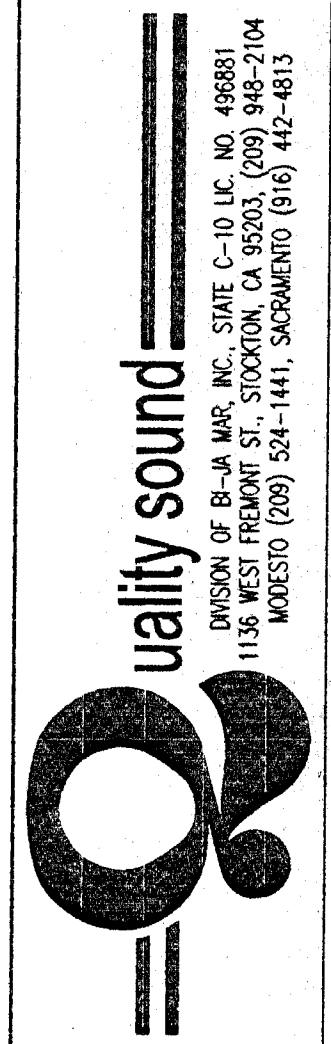
Reviewed for General Compliance with the Contract Documents. This review does not constitute an endorsement or approval of the construction or the quality of the work. The contractor is responsible for all construction, safety, and compliance with the contract documents.

TURNER CONSTRUCTION CO.  
Submitted by: **WIND-OS**  
Date: **5/15/00**  
By: **[Signature]**

Checked by: **[Signature]**  
Date: **5/15/00**



REVISIONS	BY
△ Corrections	DM
5/9/00	



THIRD FLOOR PLAN  
DETAILS

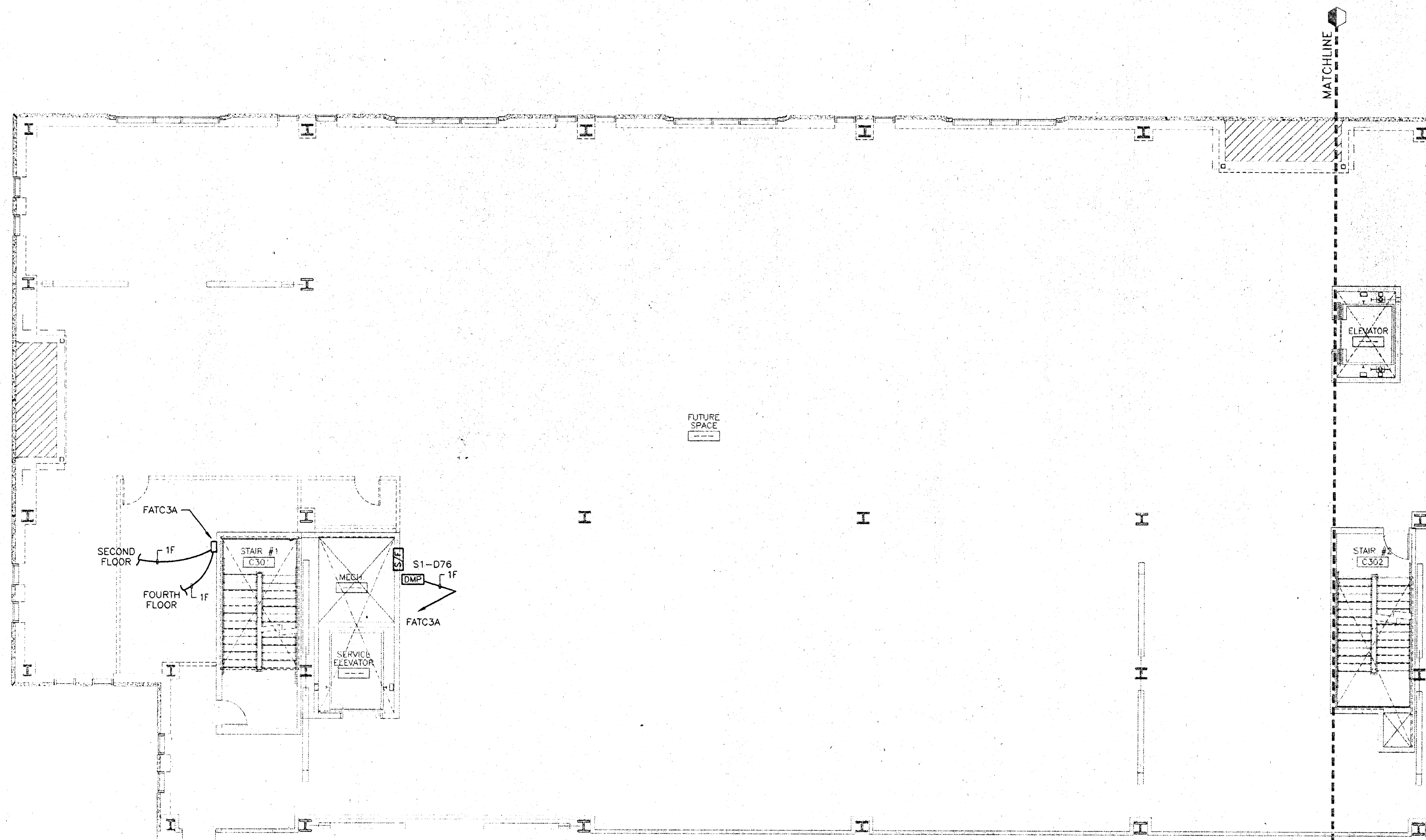
FIRE ALARM SYSTEM

ESSENTIAL SERVICES FACILITY  
& PARKING GARAGE  
City of Stockton, California

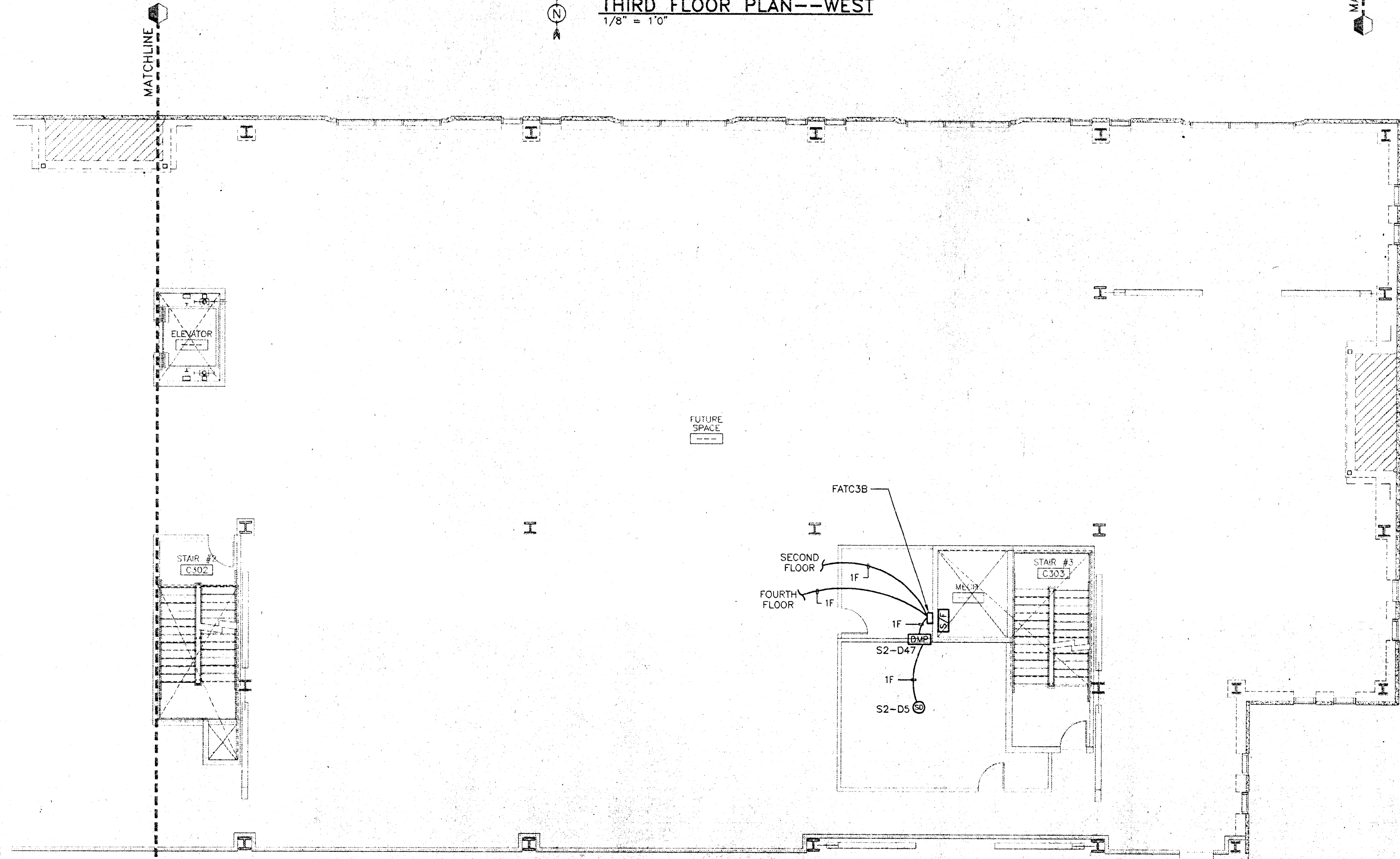
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Checked	GH
Job	1419-STK
Sheet	4
Of	6 Sheets

**SHEET 4 NOTES**

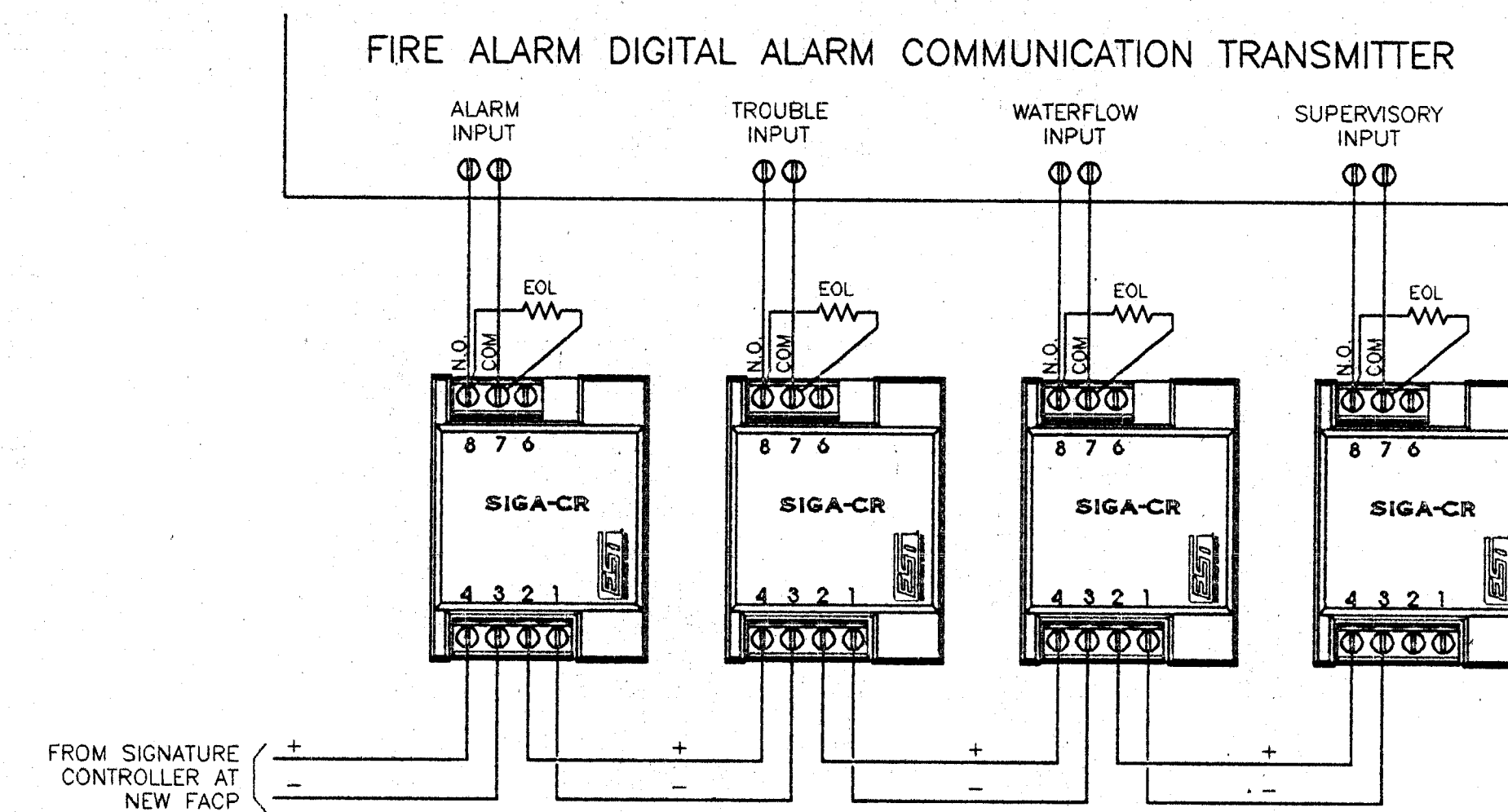
••REFER TO SHEET 1 NOTES FOR GENERAL REQUIREMENTS••



THIRD FLOOR PLAN--WEST  
1/8" = 1'-0"

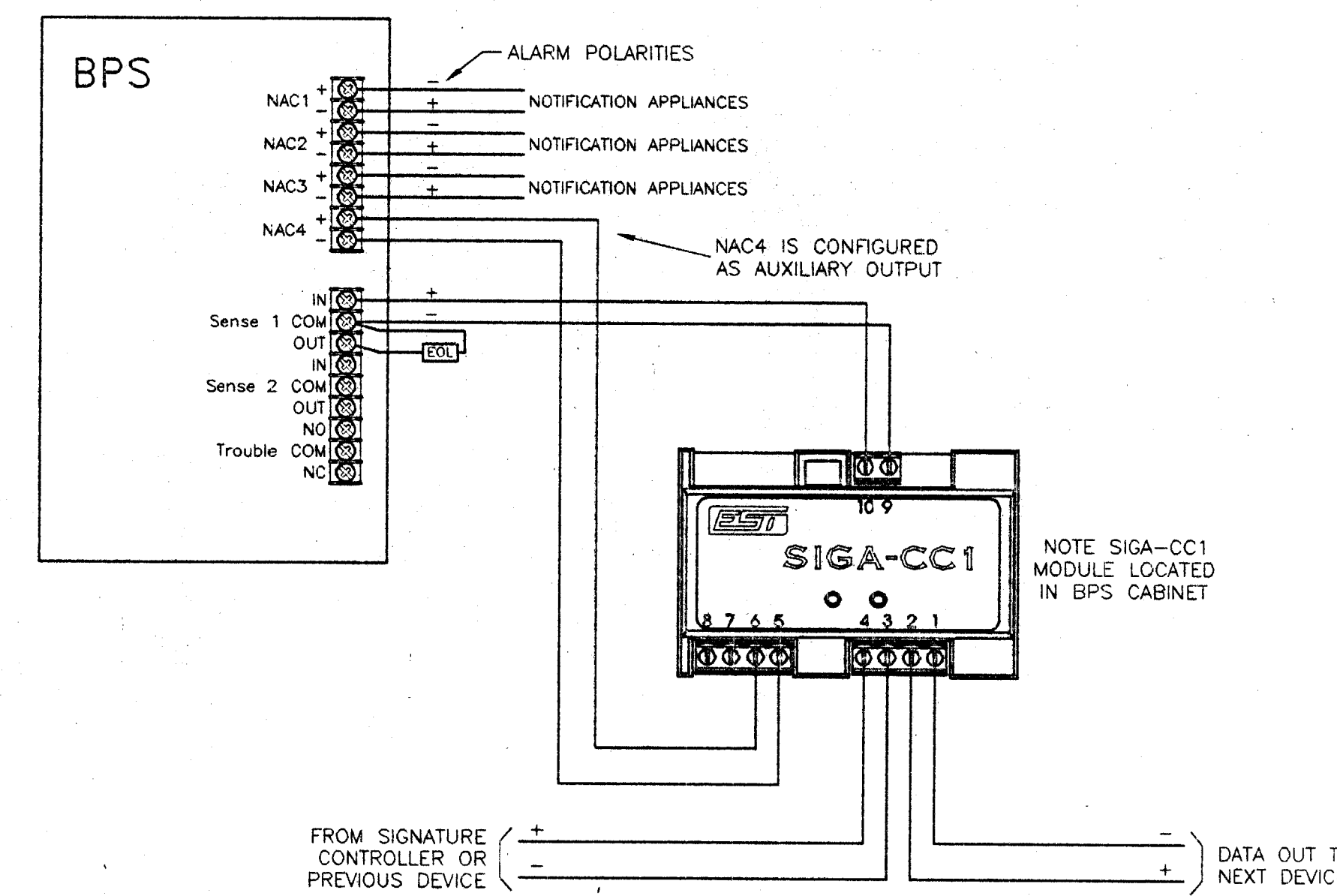


THIRD FLOOR PLAN--EAST  
1/8" = 1'-0"



NOTE: THE SIGNATURE CR-1 MODULES ARE LOCATED AT THE DACT.

FACP & DACT INTERFACE DETAIL  
NO SCALE



BPS6 & BPS10 DETAIL  
NO SCALE



Reviewed for General Conformance with the Contract Documents. This review does not relieve the contractor of his responsibility for making the work conform to the information given in the Contract Documents. The contractor is responsible for all emergency correct actions and expense to make the work conform to the contract.

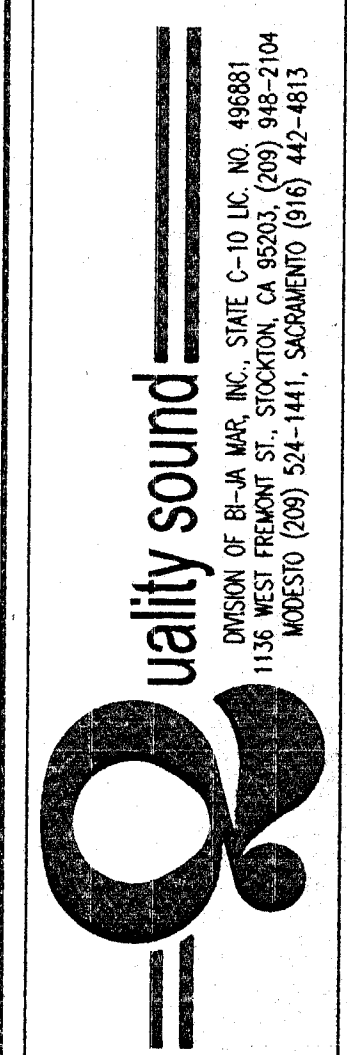
TURNER CONSTRUCTION CO.  
Submittal # 1419-05  
Specification 4.1.3.1  
Date: 4/13/00  
By: [Signature]

Checking is only for conformance with the design information given in the Contract Documents. The contractor is responsible for all emergency correct actions and expense to make the work conform to the contract.

PHS ENGINEERING, INC.  
CONSULTING ELECTRICAL ENGINEERING  
1815 QUAIL LAKE DRIVE  
STOCKTON, CALIFORNIA 95210



REVISIONS	BY
△ Corrections 5/9/00	DM



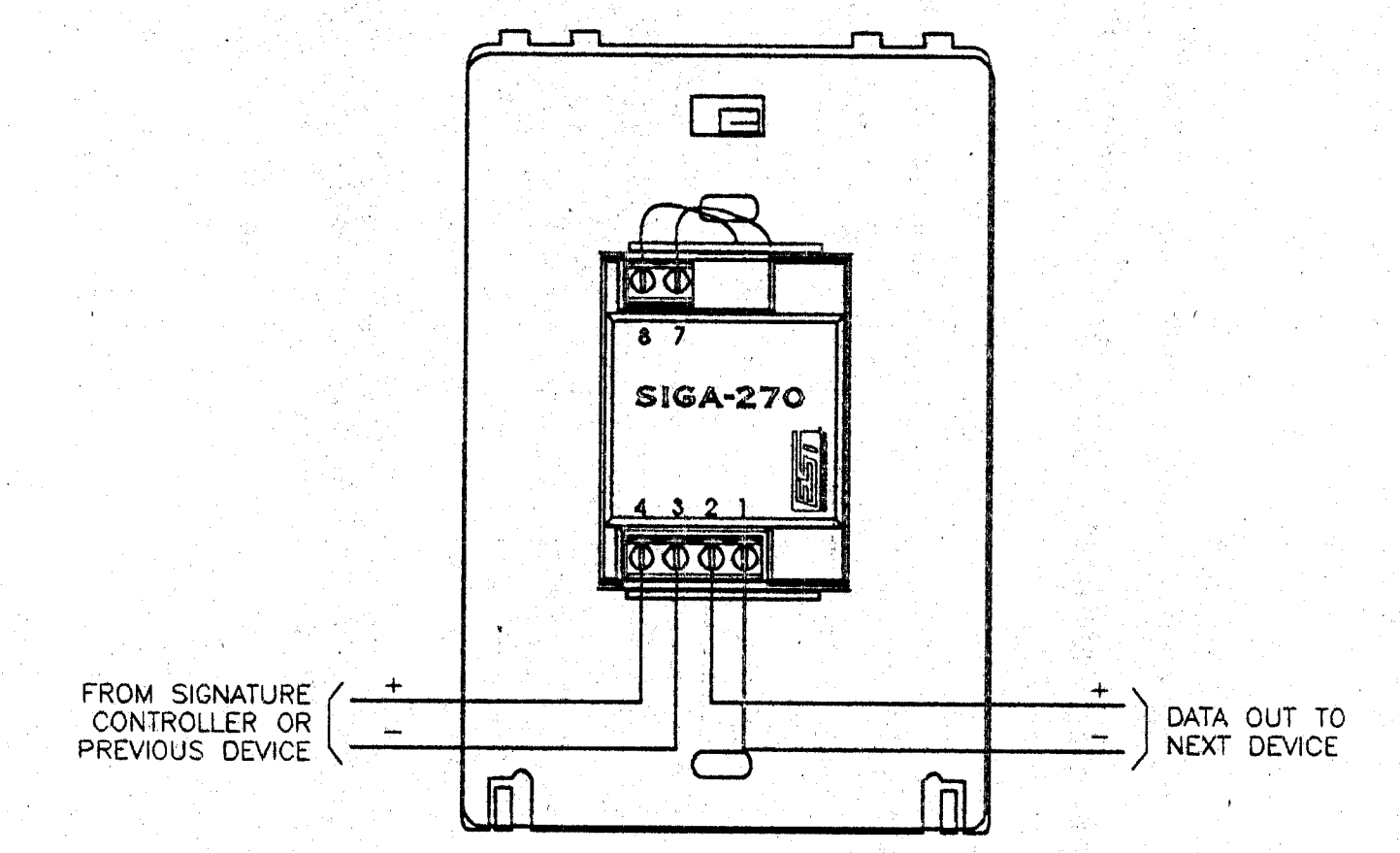
FOURTH FLOOR PLAN  
DETAILS

FIRE ALARM SYSTEM

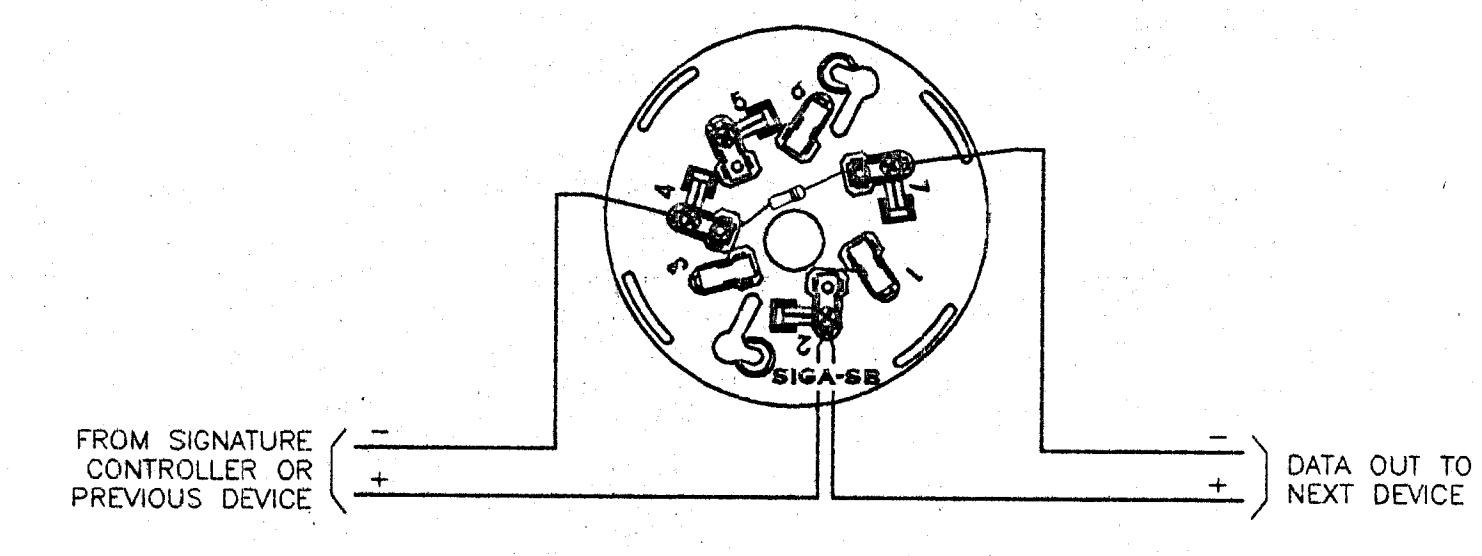
ESSENTIAL SERVICES FACILITY  
& PARKING GARAGE  
City of Stockton, California

Date	3/17/00
Scale	SHOWN
Drawn	GH
Checked	GH
Job	1419-STK
Sheet	5
Of	6 Sheets

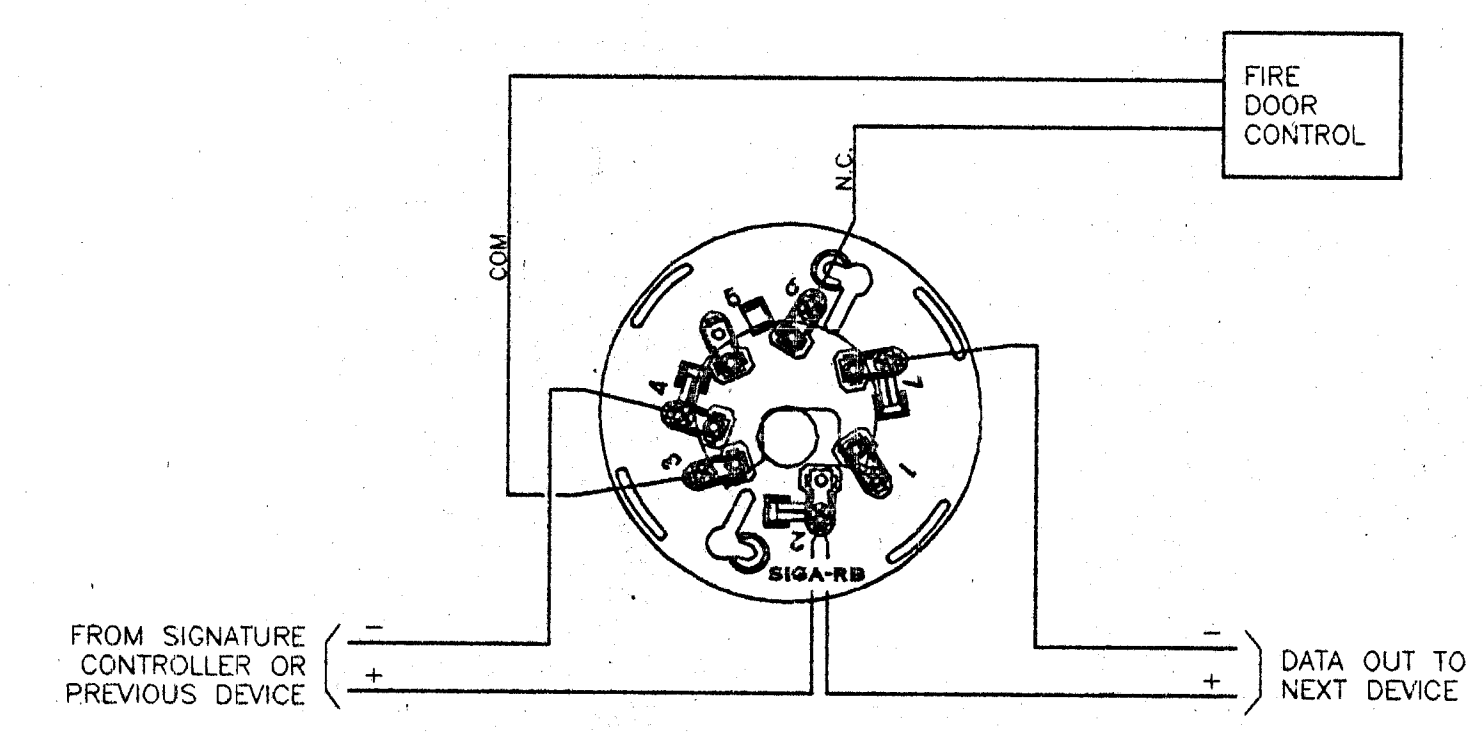
**SHEET 5 NOTES**  
\*\*REFER TO SHEET 1 NOTES FOR GENERAL REQUIREMENTS\*\*



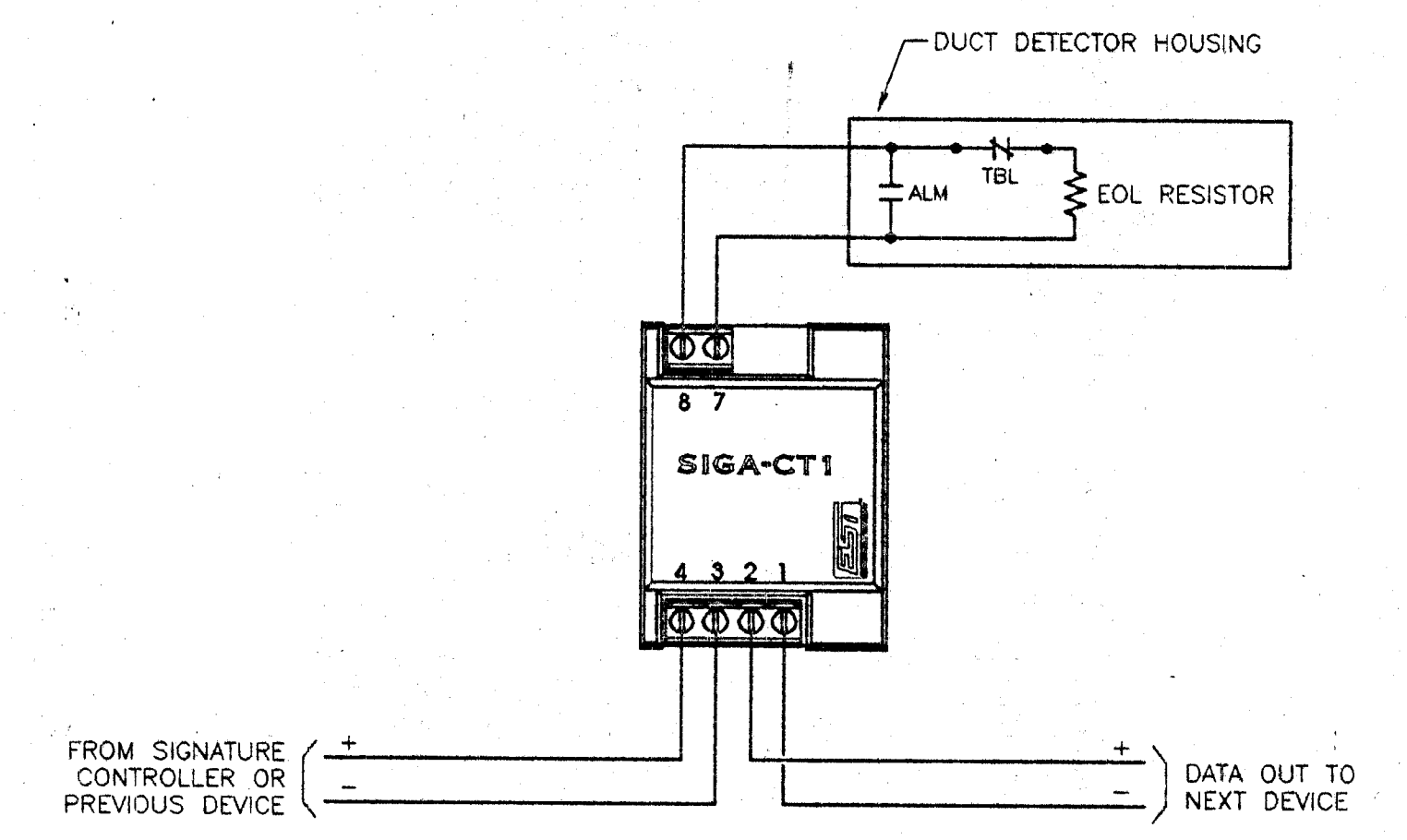
**MANUAL PULL STATION DETAIL**  
NO SCALE



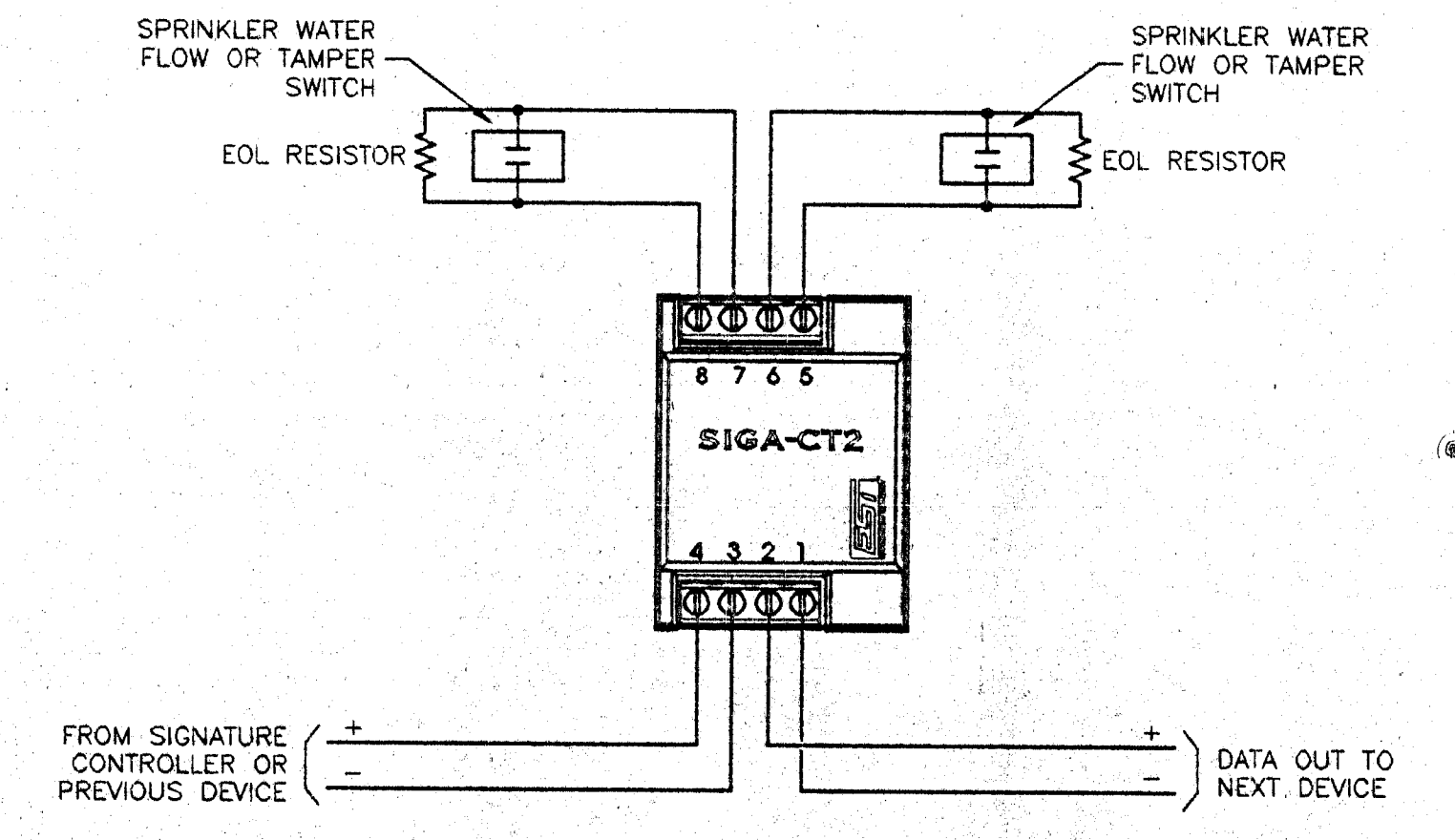
**"SIGA-SB" ADDRESSABLE DETECTOR BASE DETAIL**  
NO SCALE



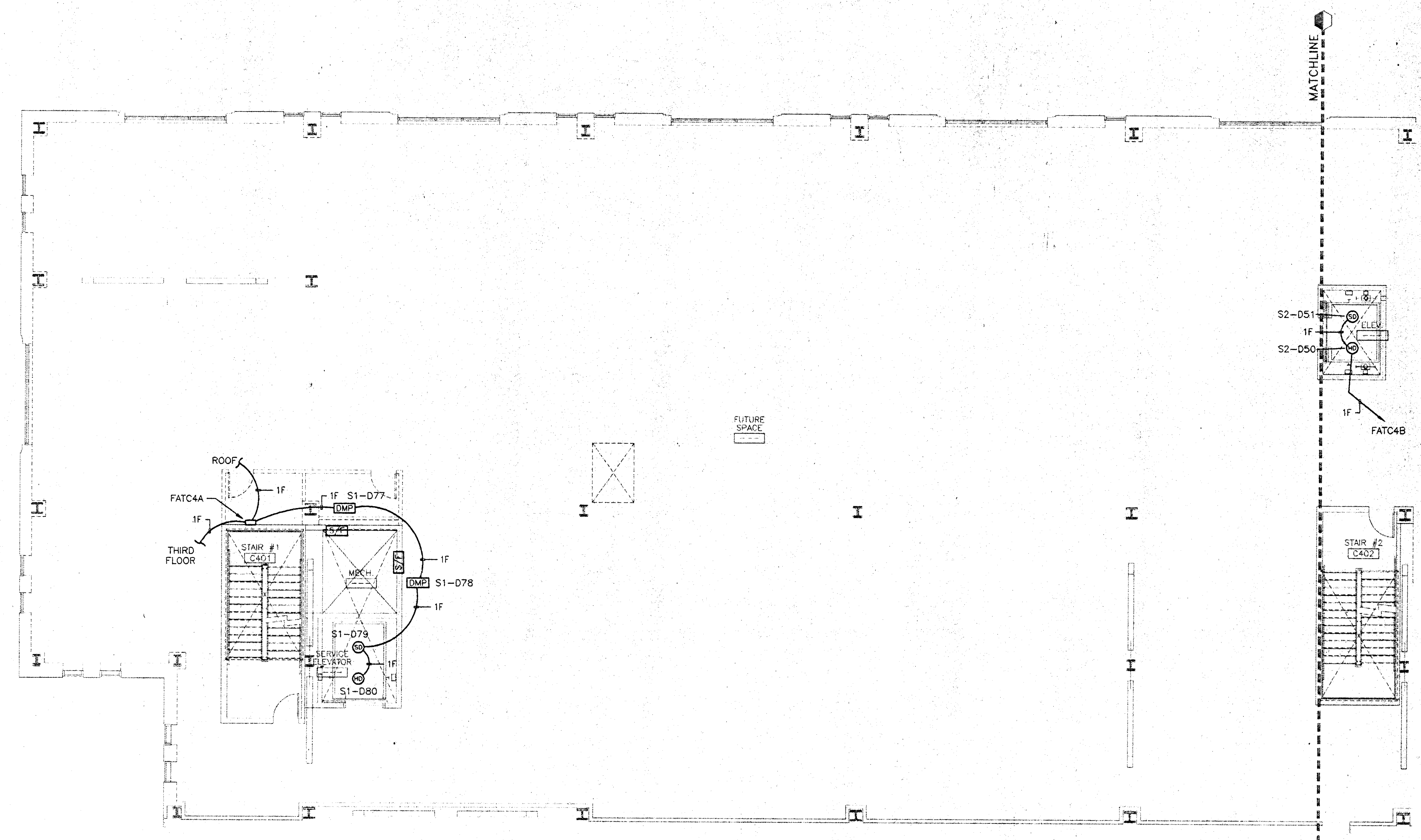
**RELAY BASE & FIRE DOOR DETAIL**  
NO SCALE



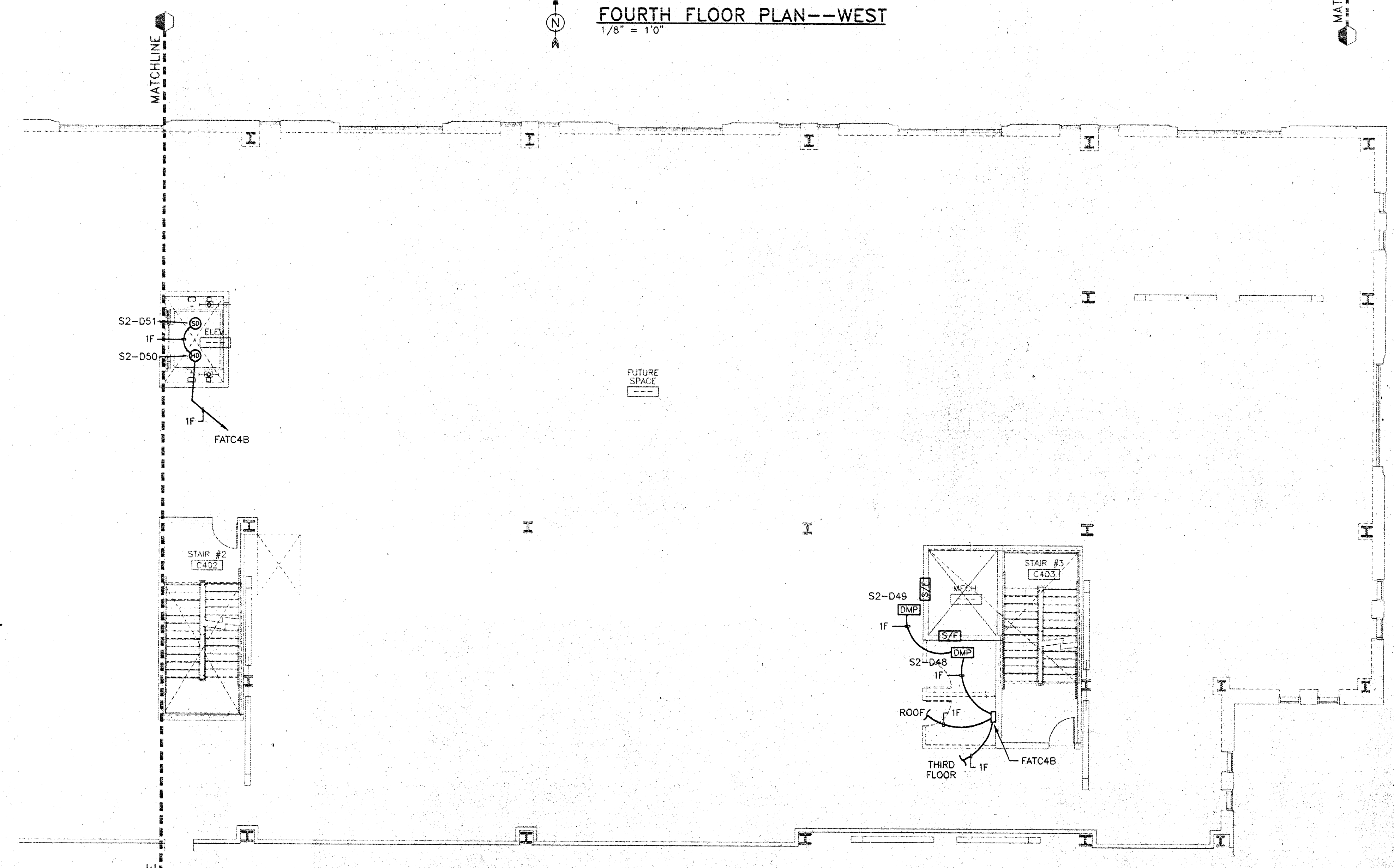
**DUCT DETECTOR DETAIL**  
NO SCALE



**SPRINKLER SYSTEM INTERFACE DETAIL**  
NO SCALE



**FOURTH FLOOR PLAN--WEST**  
1/8" = 1'-0"



**FOURTH FLOOR PLAN--EAST**  
1/8" = 1'-0"

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Reviewed for General Conformance with the Contract Documents. This review does not relieve the subcontractor of the responsibility for making the work conform to the requirements of the contract. The subcontractor is responsible for all dimensions, correct installation and accurate to with the work of other trades.

TURNER CONSTRUCTION CO.  
Submitted by: WIND DS  
Specified by: 123123  
Note: 123123  
By: 123123

Checking is only for conformance with the drawings and specifications. It does not constitute an endorsement of the product or a warranty of the work. The contractor is responsible for the quality of the work and for the accuracy of the information provided. The contractor is responsible for the accuracy of the information provided. The contractor is responsible for the accuracy of the information provided.

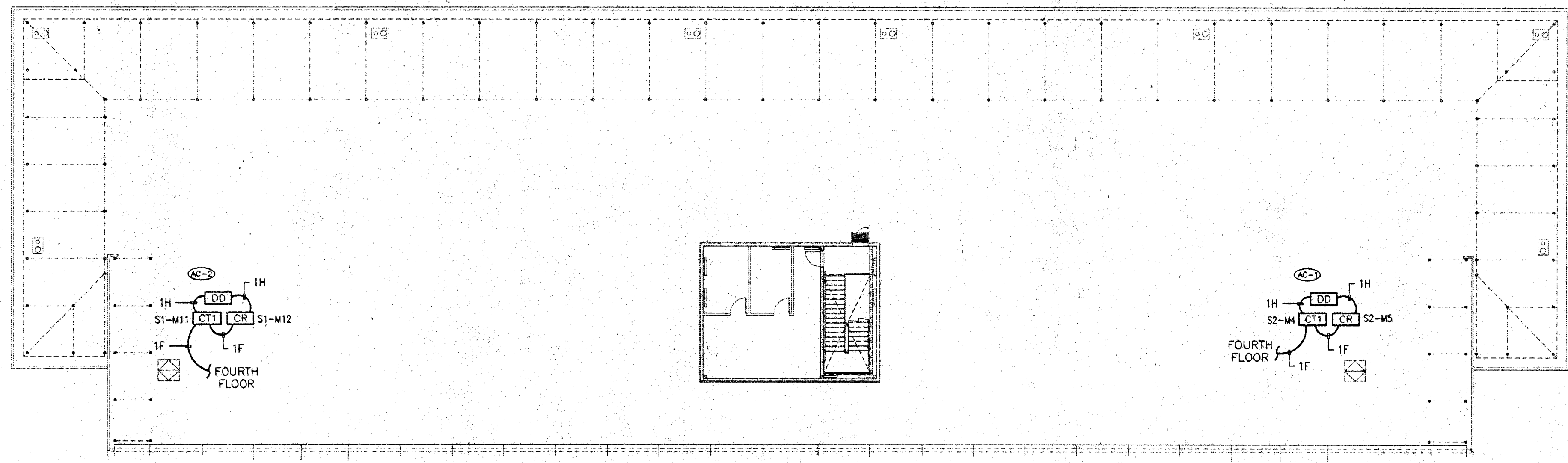
By: BP Date: 5/15/00  
Title: Electrical Engineer  
Company: Turner Construction Co.  
Project: Essential Services Facility



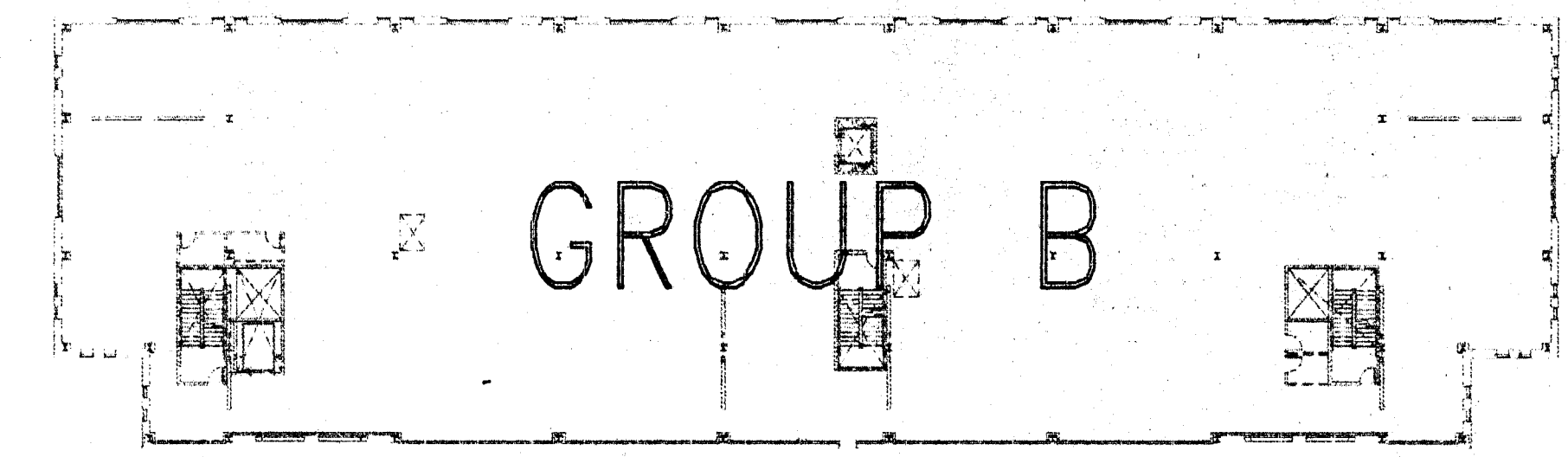
REVISIONS	BY
Corrections 5/9/00	DM

**SHEET 6 NOTES**

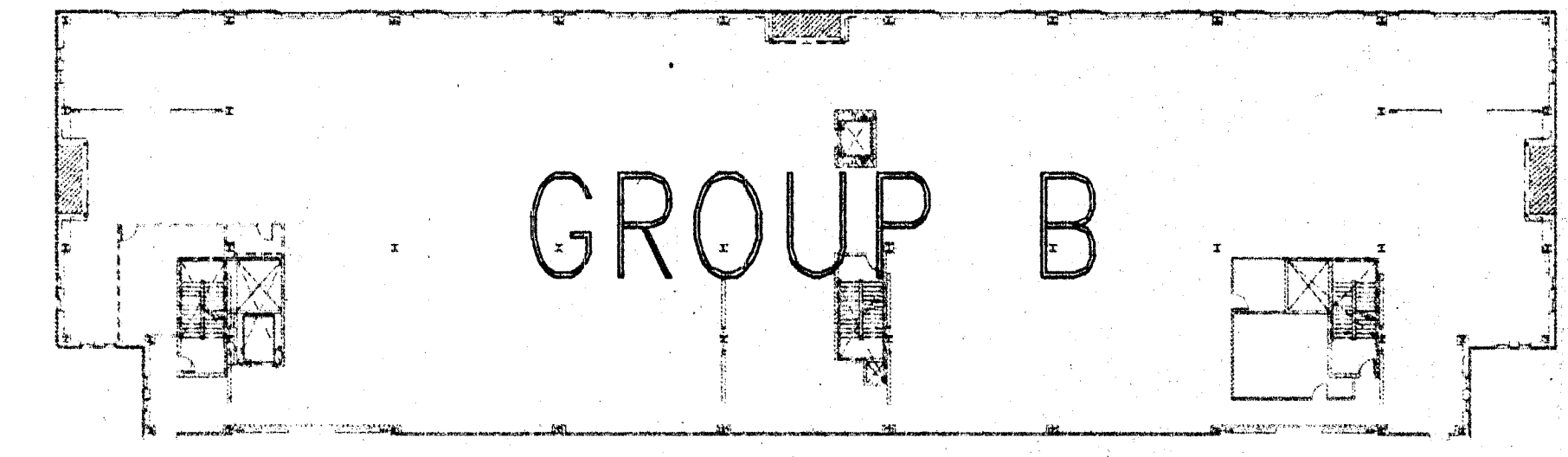
••REFER TO SHEET 1 NOTES FOR GENERAL REQUIREMENTS••



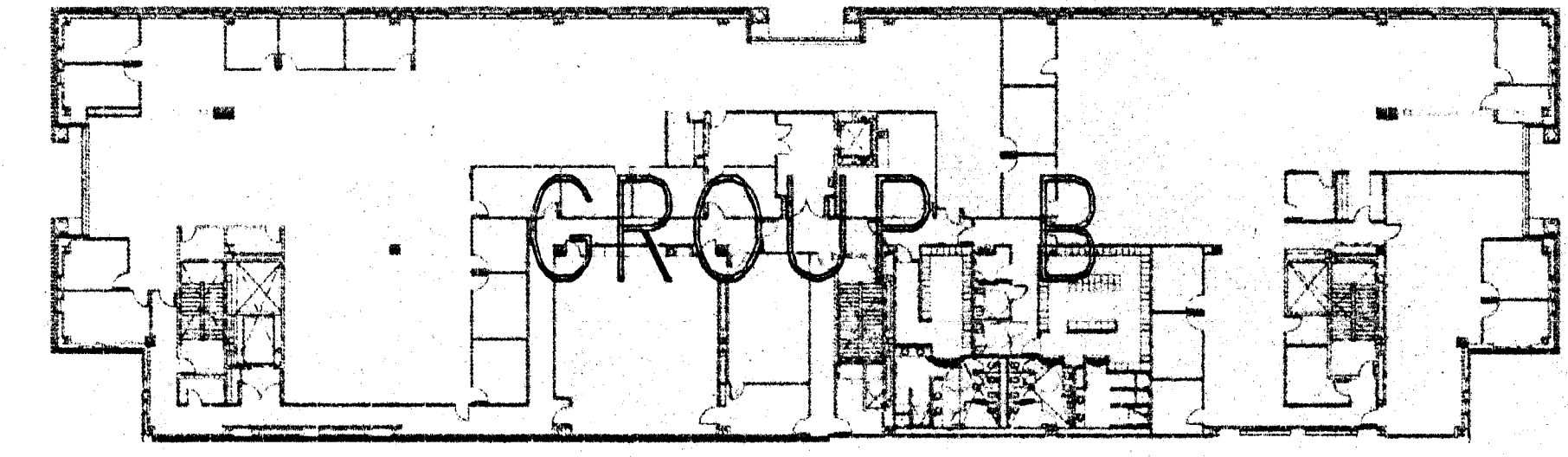
**ROOF PLAN--WEST**  
1/16" = 1'-0"



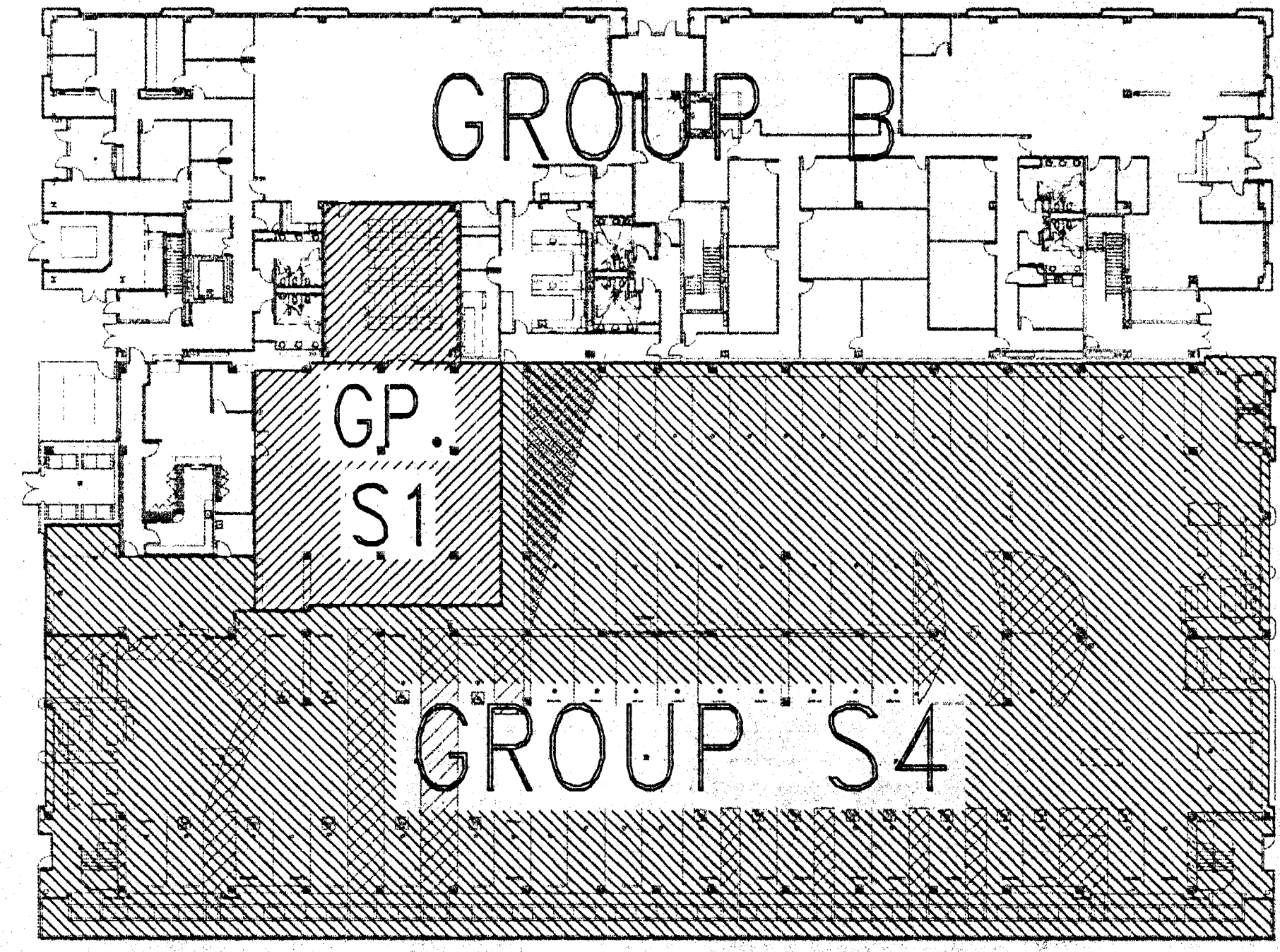
4th flr.



3rd flr.

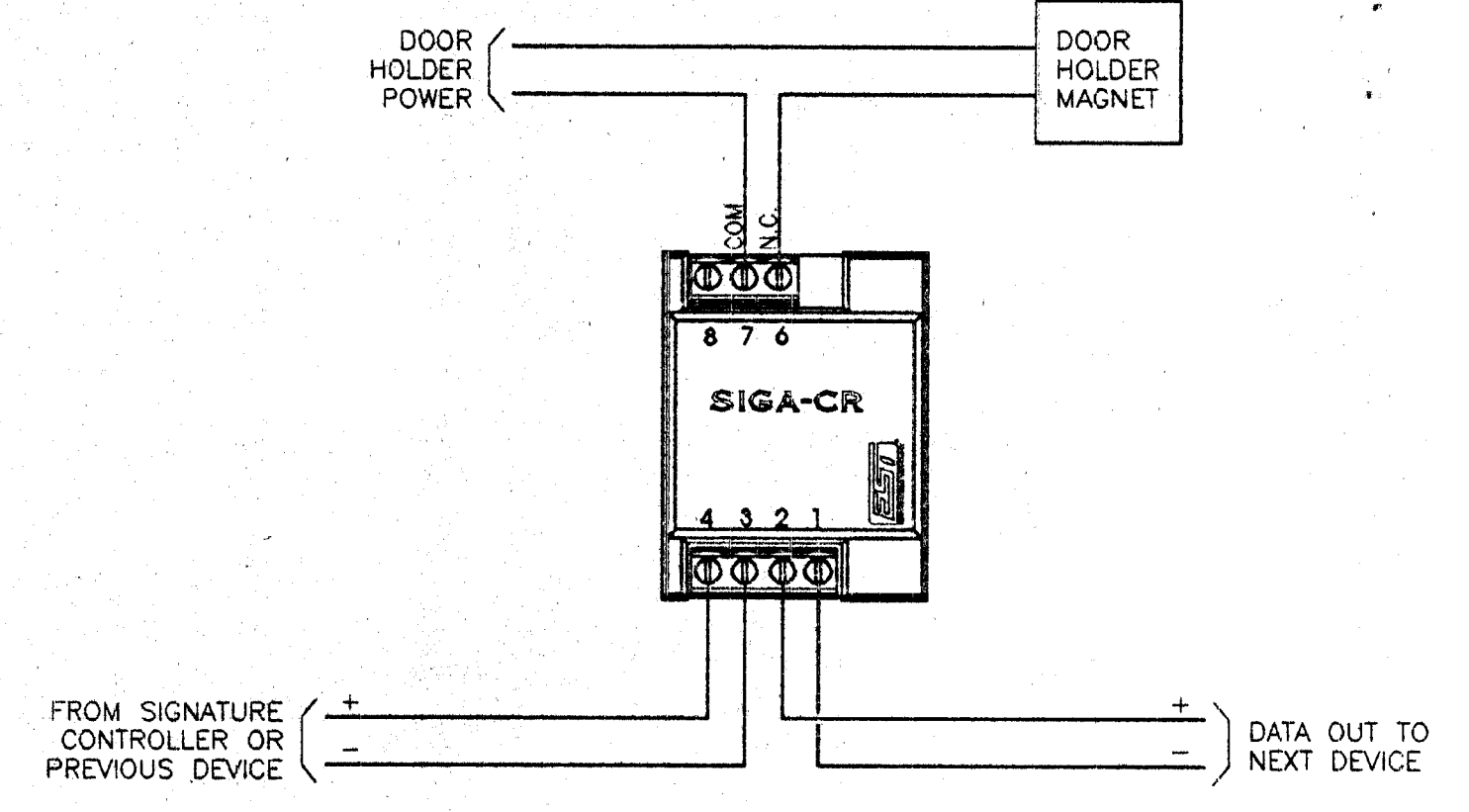


2nd flr.

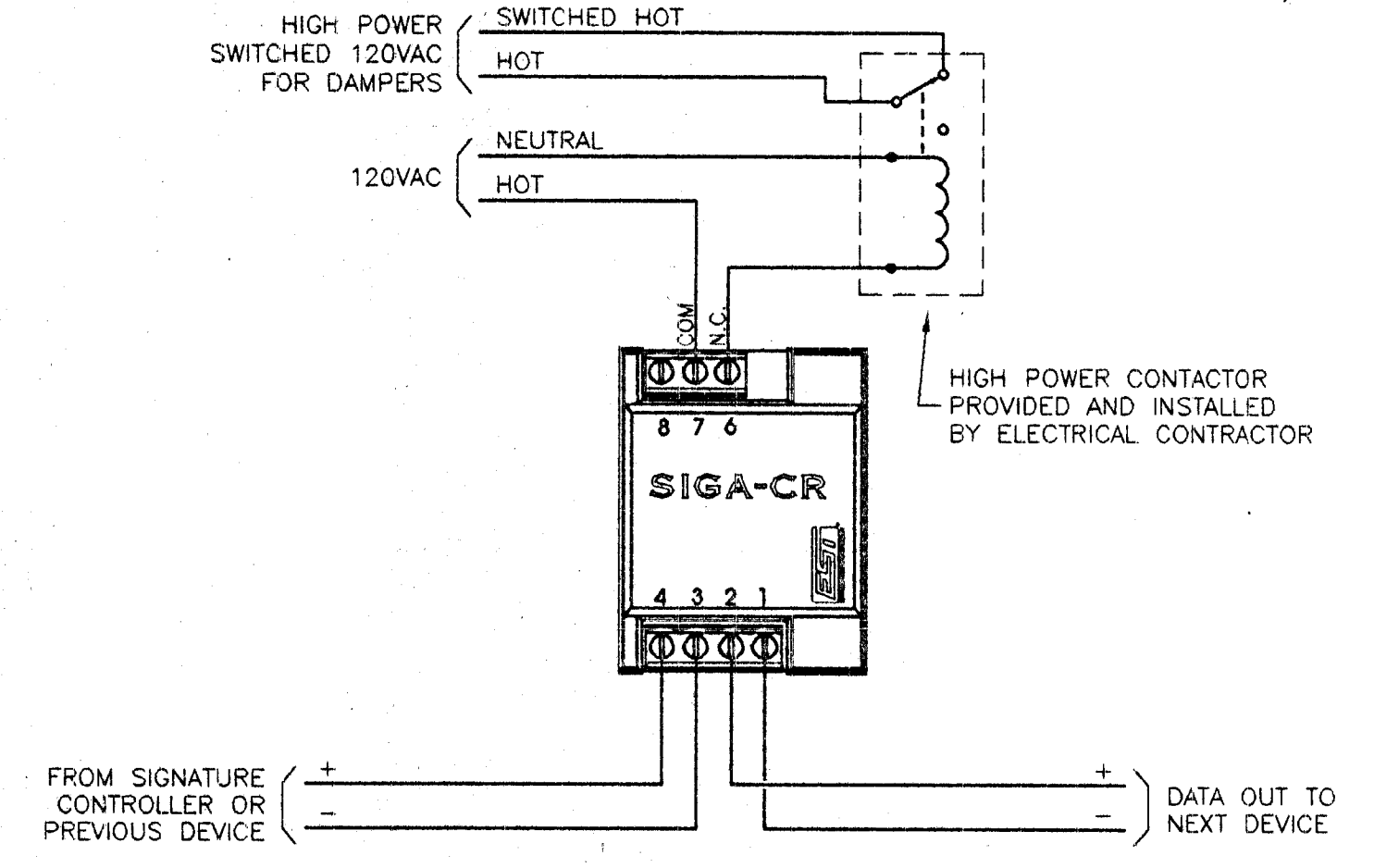


**GROUP OCCUPANCY**  
- Parking Garage: S4  
- Property Storage: S1  
- Offices: B

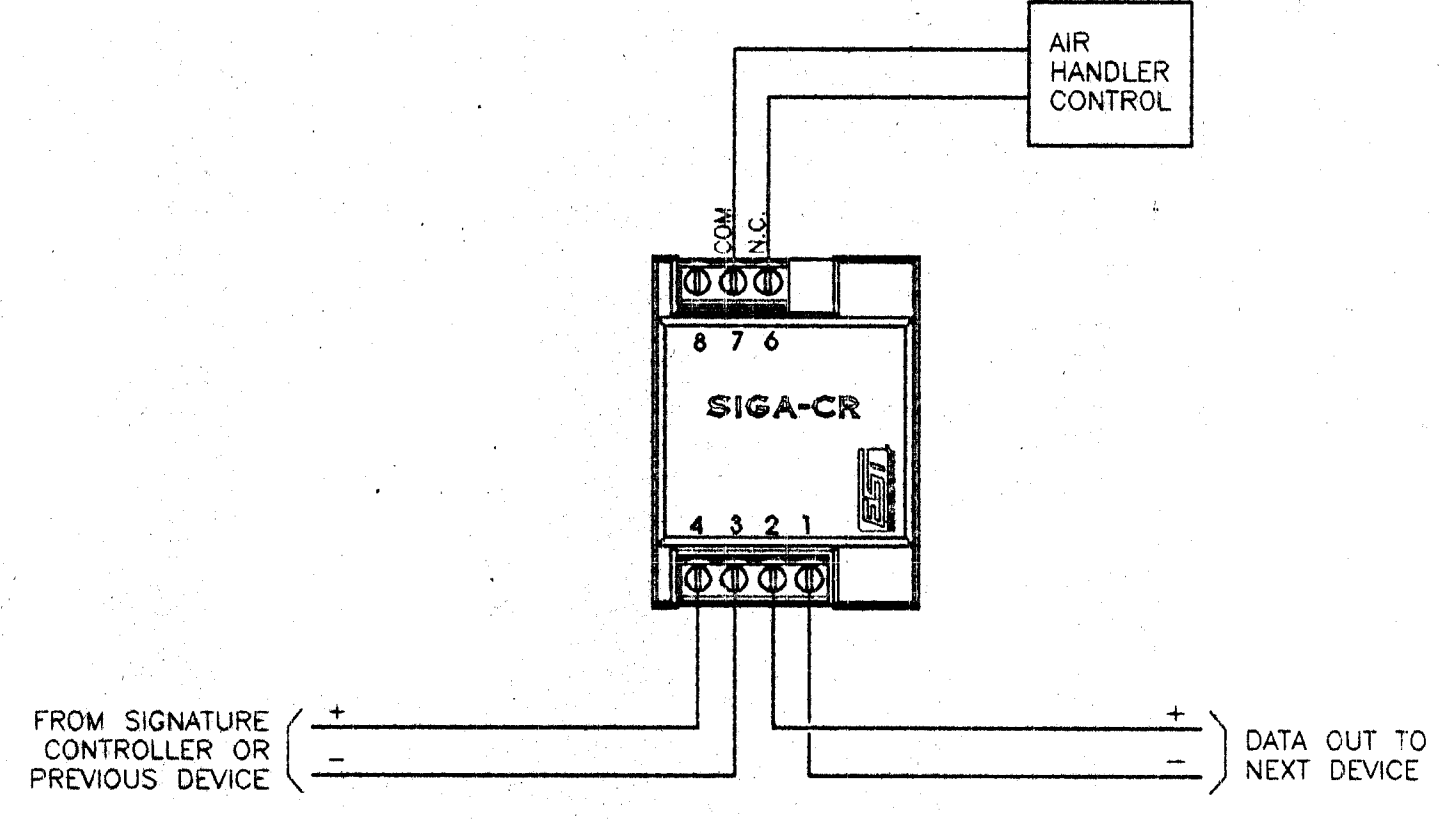
**OCCUPANCY DETAIL**  
NO SCALE



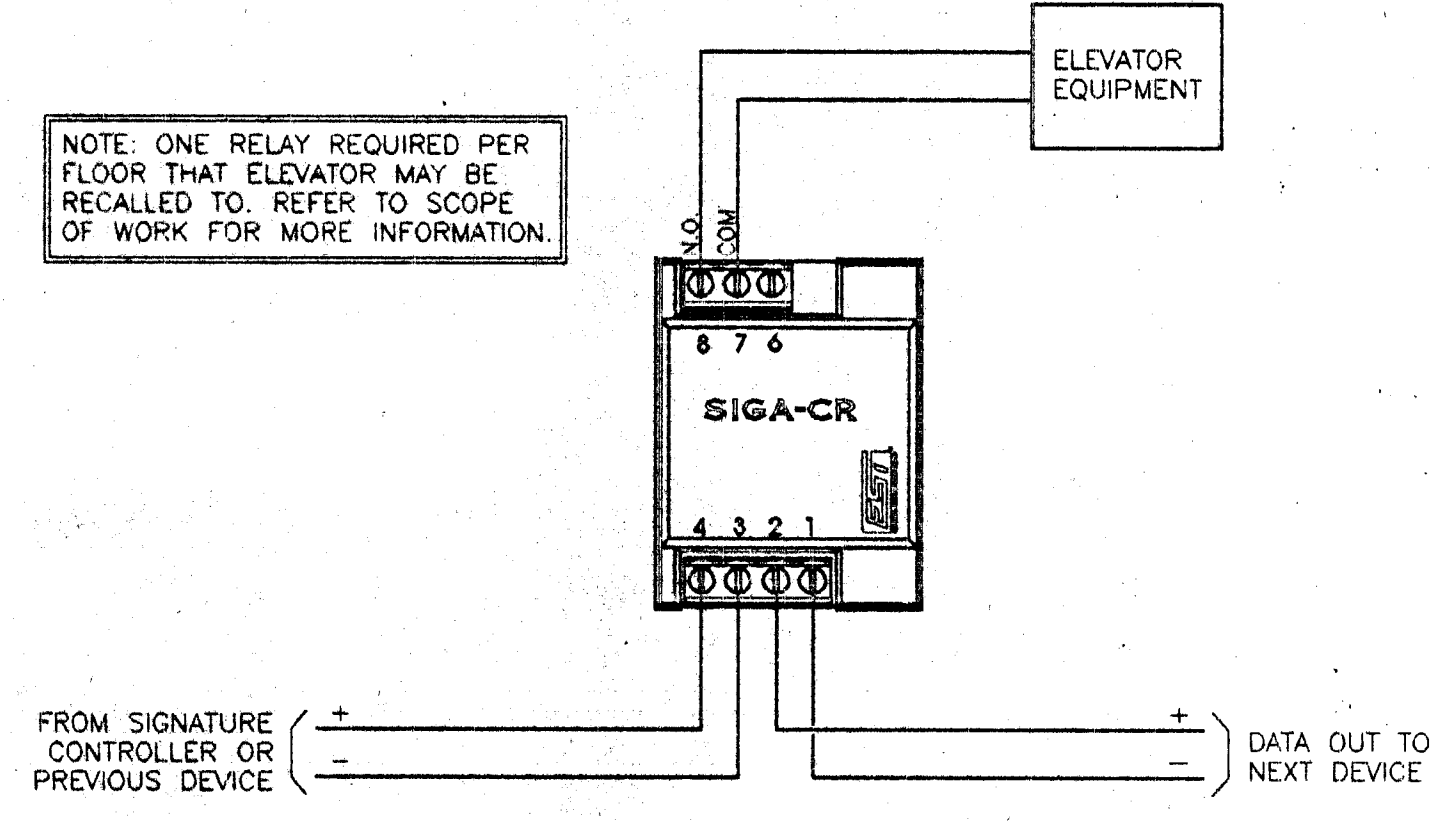
**DOOR HOLDER DETAIL**  
NO SCALE



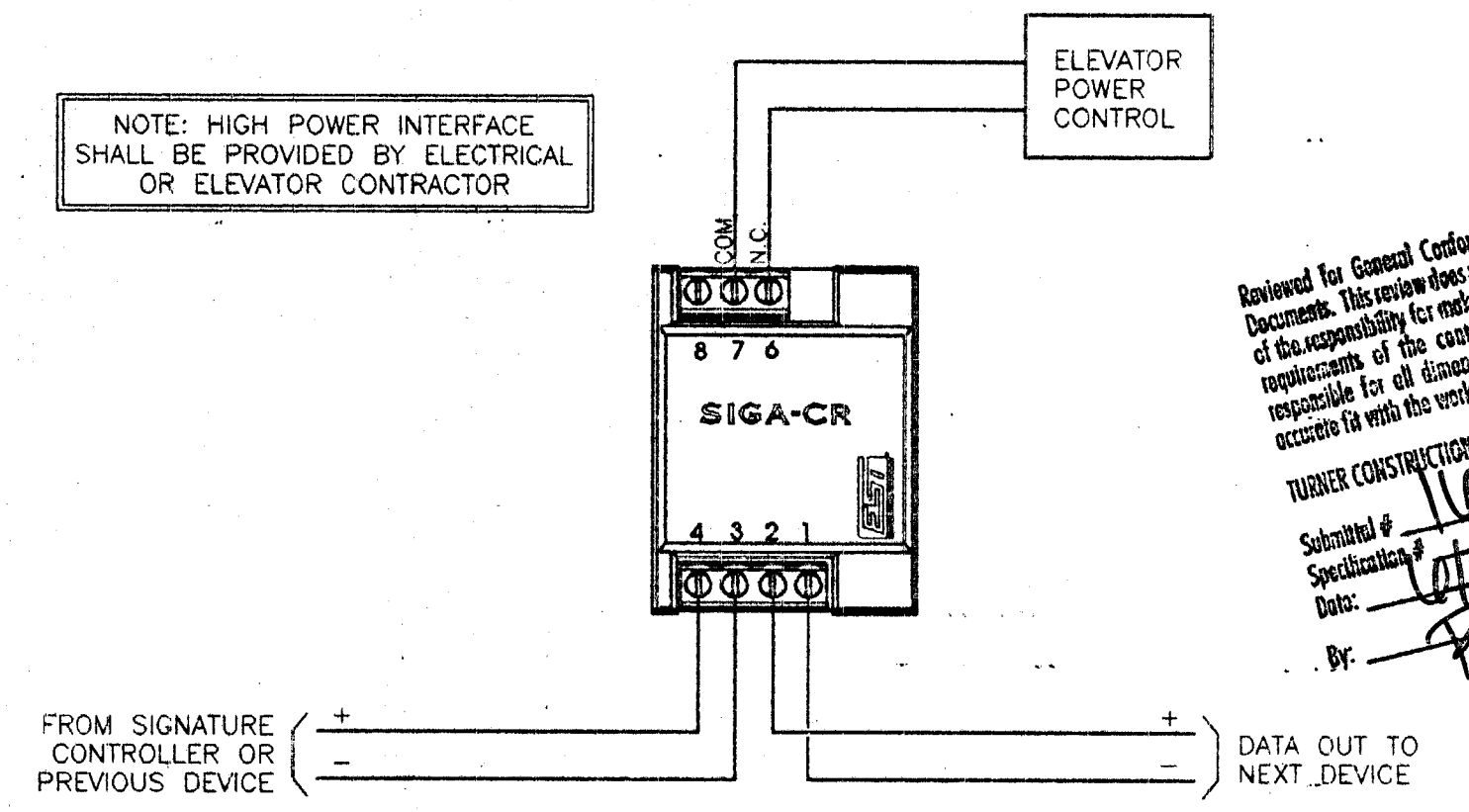
**DAMPER POWER CONTROL DETAIL**  
NO SCALE



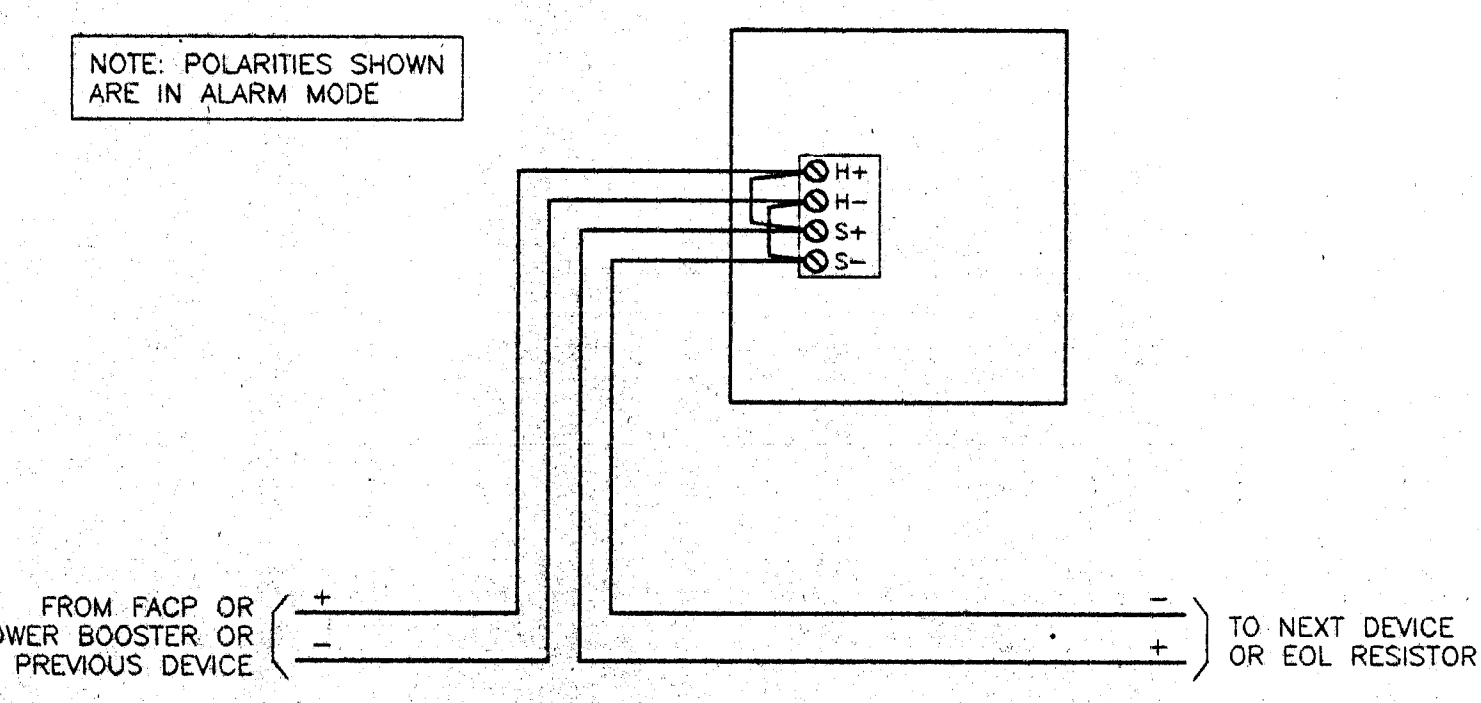
**AIR HANDLER SHUTDOWN CONTROL DETAIL**  
NO SCALE



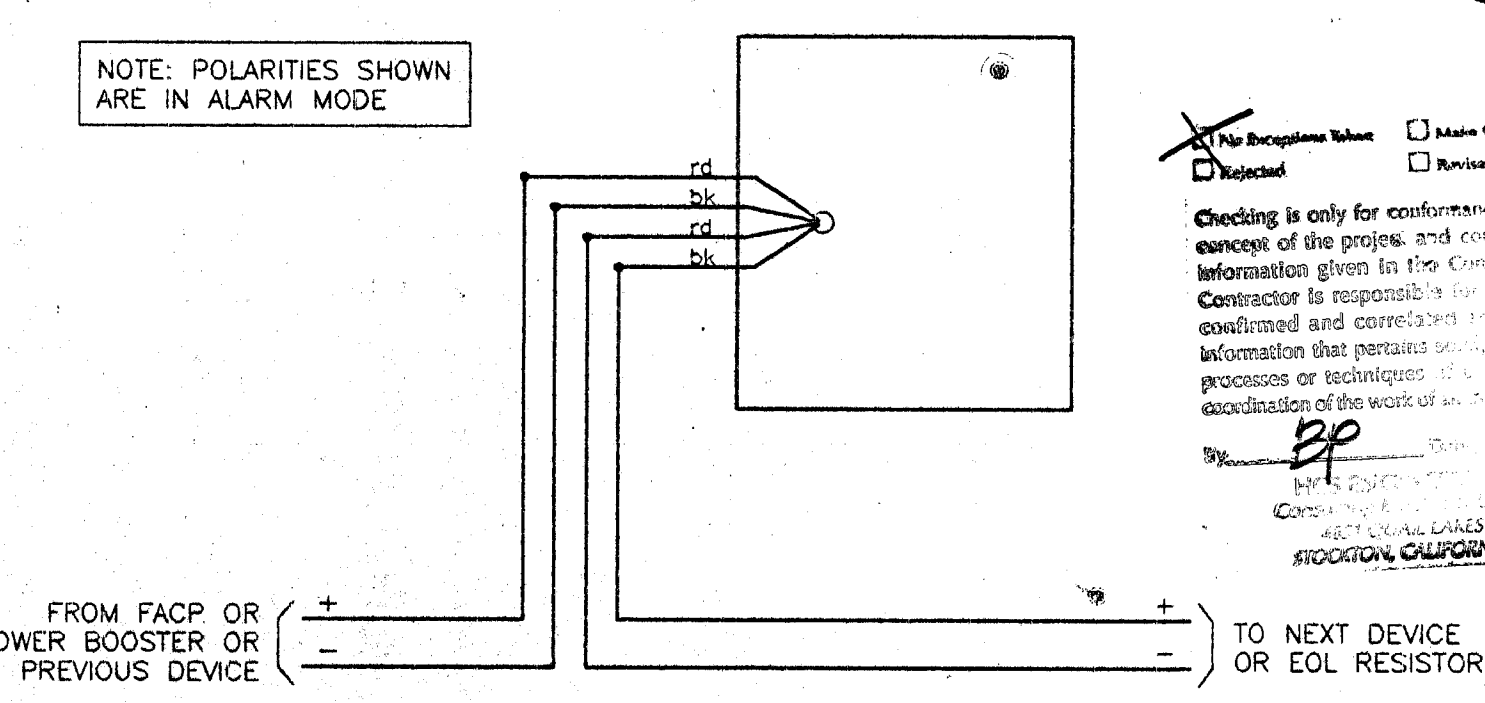
**ELEVATOR RECALL CONTROL DETAIL**  
NO SCALE



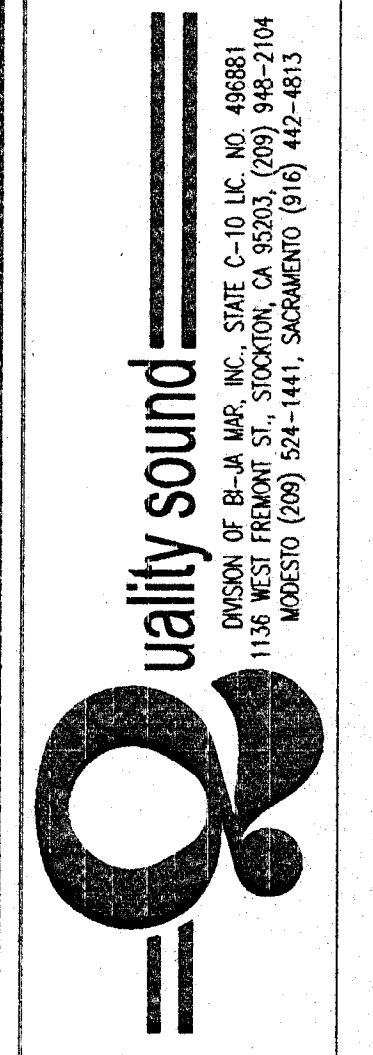
**ELEVATOR SHUT-DOWN CONTROL DETAIL**  
NO SCALE



**HORN/STROBE WIRING DETAIL**  
NO SCALE



**STROBE WIRING DETAIL**  
NO SCALE



ROOF PLAN  
OCCUPANCY  
DETAILS

FIRE ALARM SYSTEM

ESSENTIAL SERVICES FACILITY  
& PARKING GARAGE  
City of Stockton, California



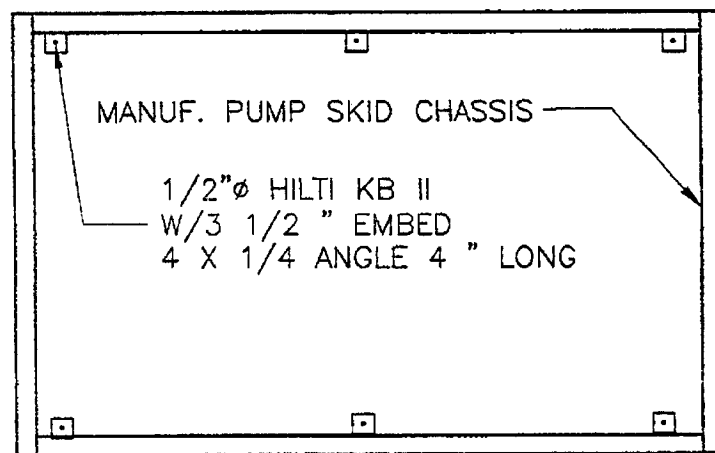
Checking is only for conformance with the drawings of the project and compliance with the information given in the Contract Documents. Contractor is responsible for the accuracy of the information that pertains to the project or installation of the equipment. The contractor is responsible for all dimensions, correct fabrication and assembly to meet the work of other trades.

By: [Signature] 5/15/00

Date	3/17/00
Scale	SHOWN
Drawn	GH
Checked	GH
Job	1419-STK
Sheet	6
Of	6 Sheets



DETAILS



1 BOOSTER SKID ANCHORAGE  
NO SCALE

PLAN NOTES

- ② SHUT OFF VALVE IN ACCESS PANEL
- ③ 3" FUTURE VT. P.O.C.
- ④ 4" FUTURE WASTE P.O.C.
- ⑤ 1 1/2" FUTURE DCW P.O.C.
- ⑥ 1" FUTURE DHW P.O.C.

Approved	Fabrication/Installation may be undertaken. Approval does not authorize changes to the Contract Sum or Contract time.
Approved as corrected	Fabrication/Installation MAY NOT be undertaken in re-submitting, limit corrections to items marked.
Rejected	Review is only for general conformance with the design concept in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site. Fabrication processes and techniques of construction, coordination of his work with that of all other trades, and satisfactory performance of his work. Reviewer's approval neither extends nor alters any contractual obligations of the Architect or Contractor.

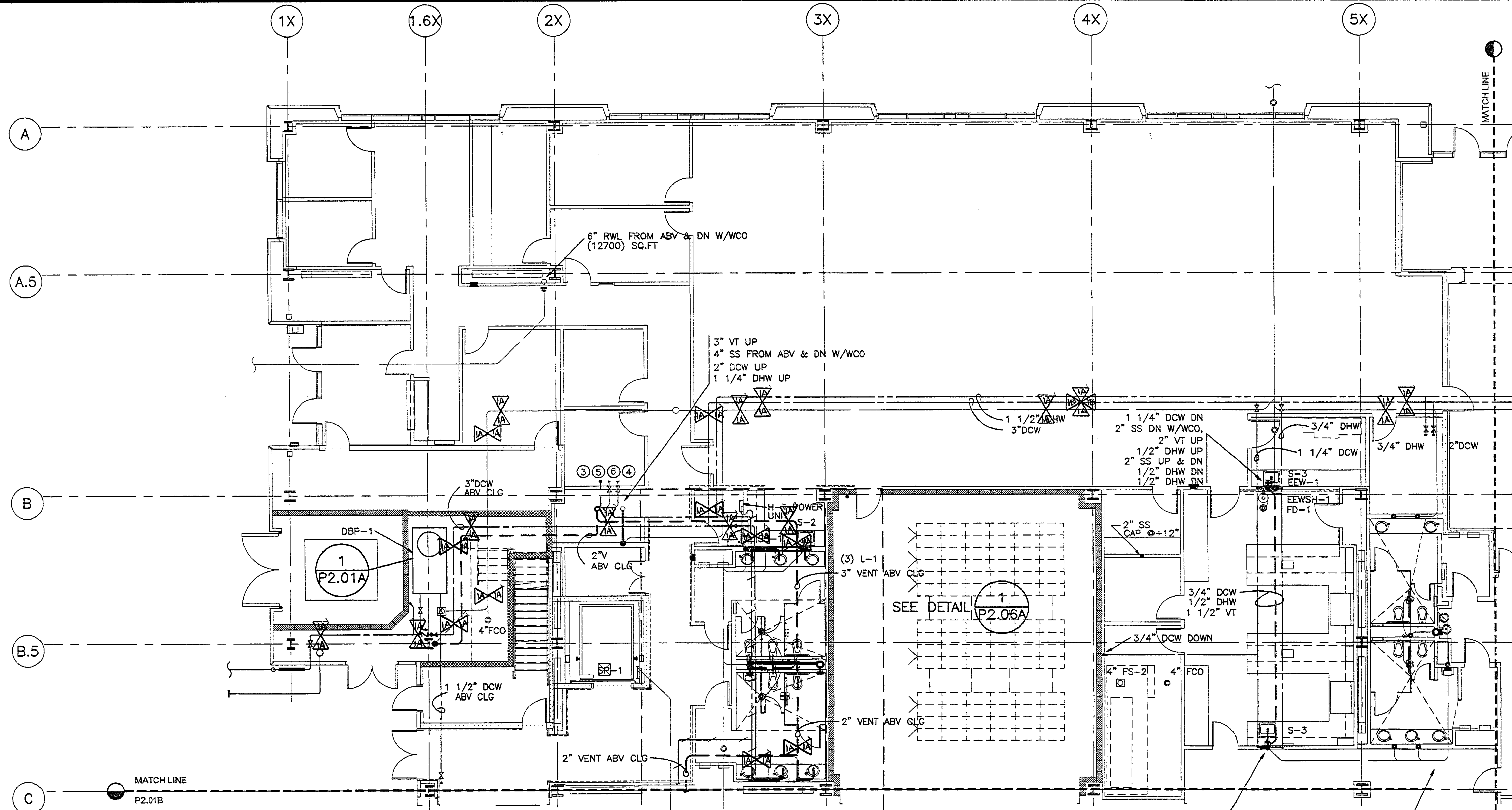
ENGLISH HARPER RETA  
By: *BH* Date: *7/25/00*

*Deferred to Struct. review*

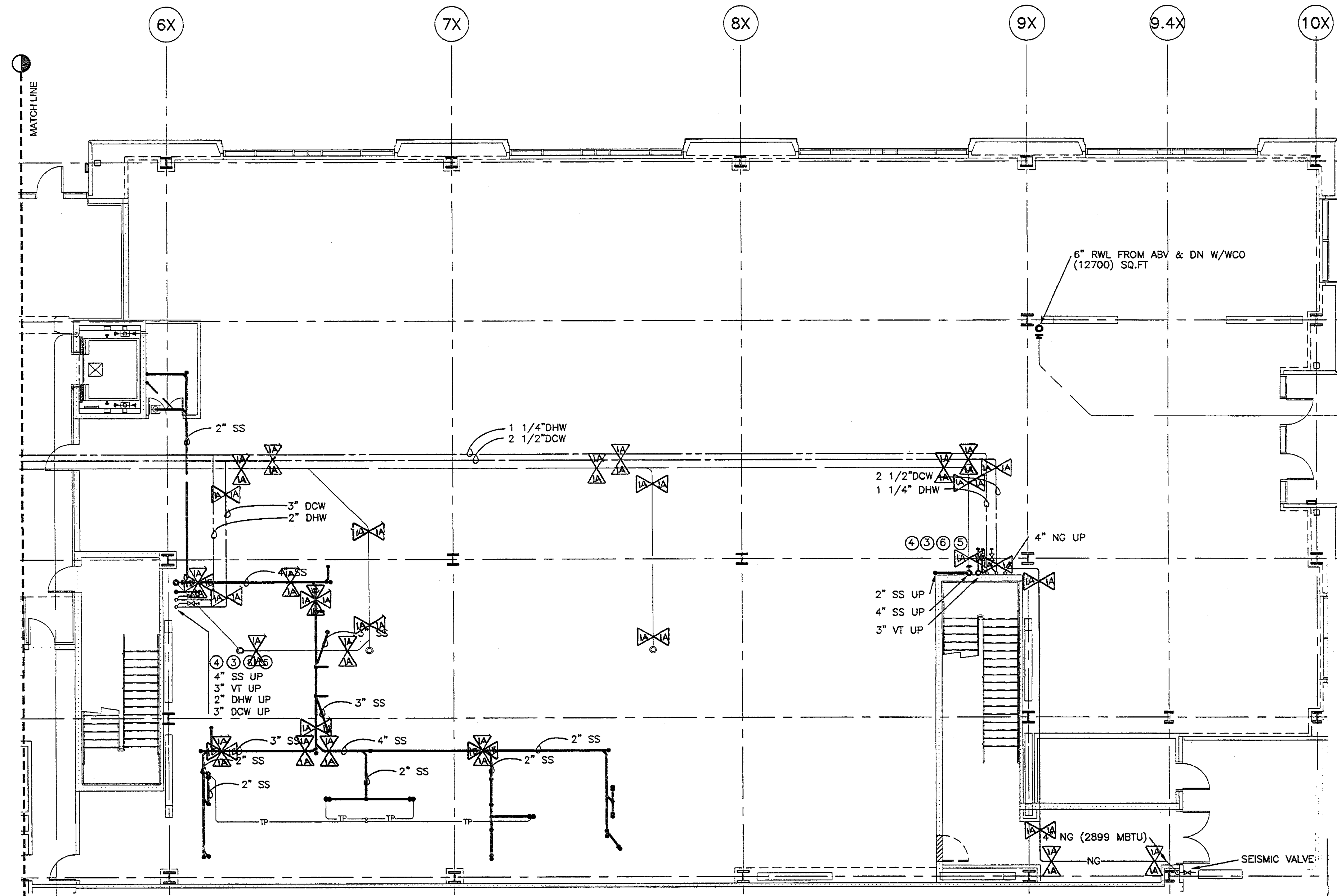
Checkers only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. This information is subject to the requirements of the plans and specifications which shall be confirmed and correlated at the job site. Fabrication processes and techniques of construction, coordination of his work with that of all other trades, and satisfactory performance of his work. Reviewer's approval neither extends nor alters any contractual obligations of the Architect or Contractor.

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MAY 10 2000  
CONSTRUCTION DEPARTMENT

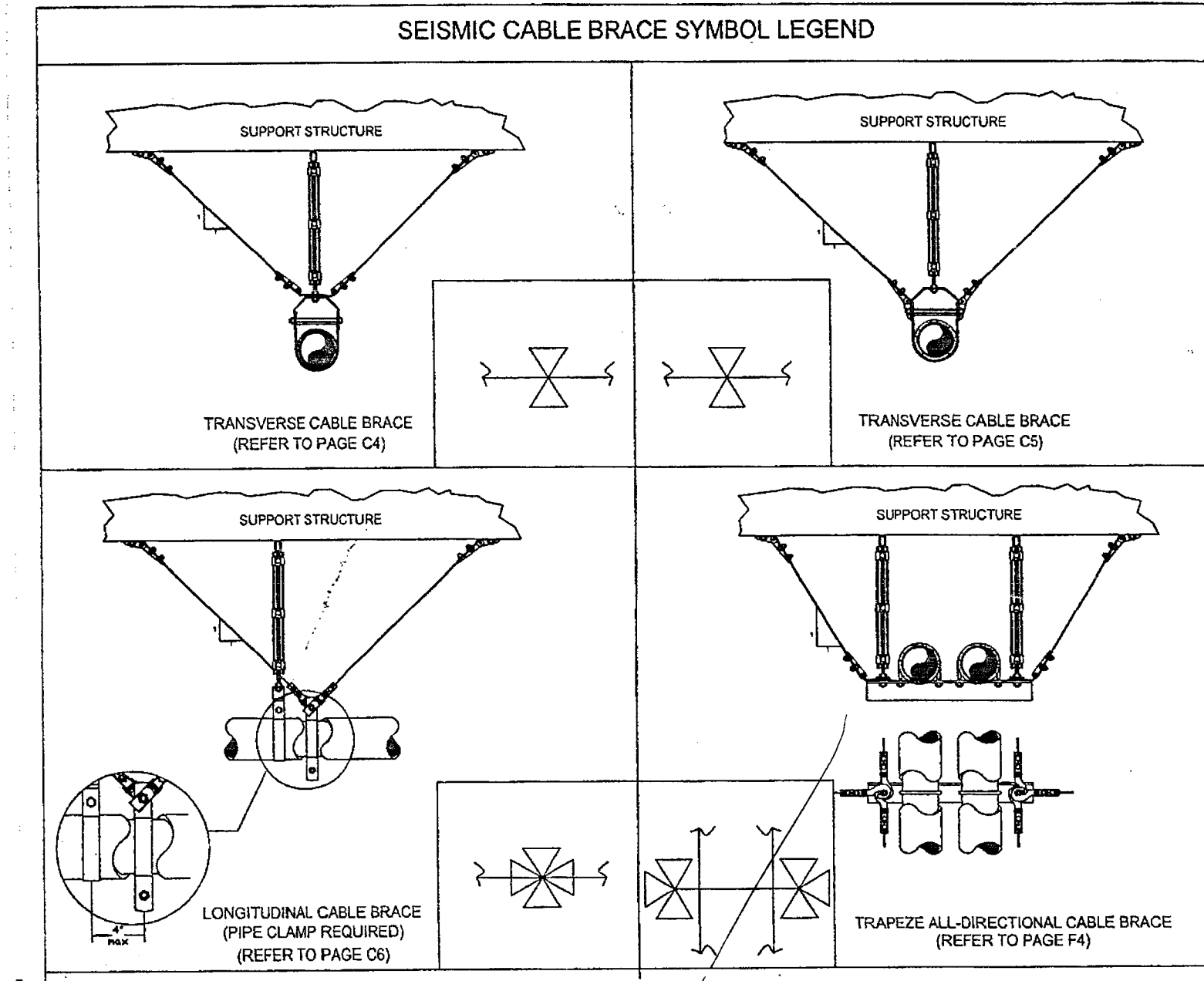
Approved for General Conformance with the Contract Documents by the Professional Engineer in Charge of the Mechanical Department of the State of California.  
Date: *1/20/00*  
Signature: *BH*



PARTIAL FIRST FLOOR PLAN  
SCALE: 1/8"=1'-0"



PARTIAL FIRST FLOOR PLAN  
SCALE: 1/8"=1'-0"



SHEET SUMMARY  
DWG: P2.01A

Symbol	Maximum Seismic Loads*	Number of Locations	Material/Location	Total Materials
⊙	⊙ Anchor Points (Tension) = 910 lbs (Shear) = 560 lbs	106	(1) SCB-1 (1) 1/2" Exp. Anchor (1) 3/8" Aircraft Cable (1) 1/2" Exp. Anchor	106
⊙	⊙ Anchor Points (Tension) = 910 lbs (Shear) = 560 lbs	10	(1) SCB-1 (1) 1/2" Exp. Anchor (1) 3/8" Aircraft Cable (1) 1/2" Exp. Anchor	10
⊙	⊙ Anchor Points (Tension) = 1185 lbs (Shear) = 680 lbs	0	(1) SCB-2 (1) 3/8" Aircraft Cable (1) 3/8" Exp. Anchor (1) 3/8" Exp. Anchor	0
⊙	⊙ Anchor Points (Tension) = 1185 lbs (Shear) = 680 lbs	0	(1) SCB-2 (1) 3/8" Aircraft Cable (1) 3/8" Exp. Anchor (1) 3/8" Exp. Anchor	0

General Notes:  
1. This drawing is certified for seismic bracing per applicable codes and specifications using Mason Industries seismic brace components from the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems". Substitution of components will change the layout of the seismic braces, attachment requirements to the structure, etc. and must be reviewed by Mason Industries for compliance or marked locations are void.  
2. Certain pipes may be omitted from bracing. (Refer to Page 9, Note 1 of the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems".)  
3. Seismic brace locations are based on maximum brace spacings of 40 feet transverse and 80 feet longitudinal with a minimum of 2 transverse and 1 longitudinal brace for each straight pipe run. Vertical pipe drops of up to 15 feet or to a flexible connector behavior occurs first are braced from the locations shown.  
4. Size and location of seismic brace components assumes a maximum brace angle from horizontal of 45 degrees with a structural attachment to:  
1.) a stone aggregate concrete metal deck.  
5. Vertical rod stiffeners may be required at the seismic brace locations. Review page CDD, GCR 01, E1 and G1 in the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems" for details. DATE: 5/30/00 REV: GR  
6. Refer to Section A and D charts in the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems" for Make and Elevation requirements of expansion anchors.

DWG: BH  
CDD: GCR  
DATE: 5/30/00  
REV: GR

RECEIVED  
MAY 10 2000  
CONSTRUCTION DEPARTMENT

Approved for General Conformance with the Contract Documents by the Professional Engineer in Charge of the Mechanical Department of the State of California.  
Date: *1/20/00*  
Signature: *BH*

ENGLISH HARPER RETA ARCHITECTS

580 UNIVERSITY AVENUE SUITE 100  
SACRAMENTO, CA 95825 (916) 568-1821

THIS DRAWING IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL IT IS SIGNED BY THE ARCHITECT AND THE OWNER.

ARCHITECT  
EDWARD P. ENGLISH C-10399  
RICHARD L. HARPER C-13830  
RONALD A. RETA C-9879

OWNER

CONTRACTOR



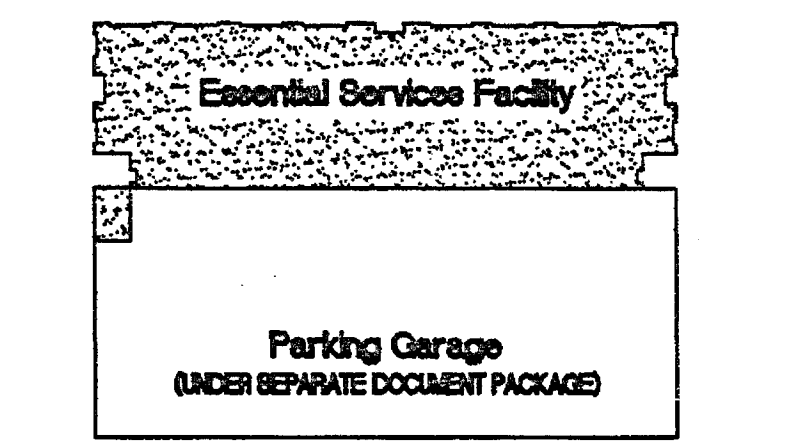
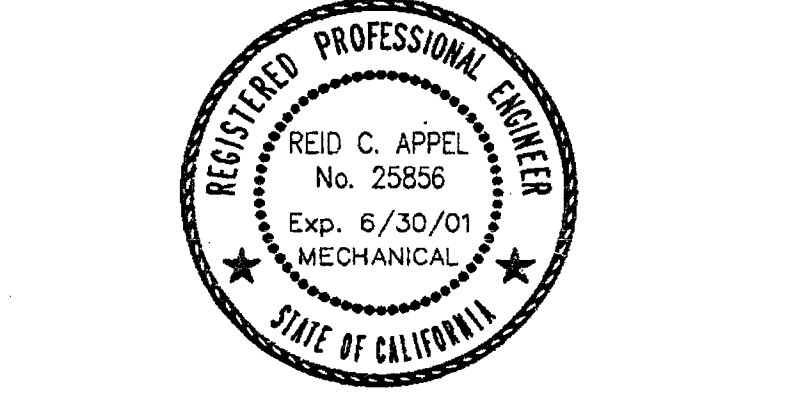
**FMB** FRANK M. BOOTH DESIGN BUILD CO.  
OUR PERFORMANCE BUILDS RELATIONSHIPS

CONTRACTORS LICENSE No. 142213  
REV. 10/94

916-754-0777  
Riverside, CA 92501

PLEASE NOTE  
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APPROVED BY PROJECT MANAGER  
DESIGNED/DRAWN BY MJA/ADC



KEY PLAN

- 02-17-00 ⑥ OVERALL PERMIT SET
- 01-13-00 ⑤ CORE AND SHELL PERMIT SET
- 12-13-99 ④ T.I. PLAN CHECK SET
- 11-15-99 ③ CORE AND SHELL PLAN CHECK SET
- 11-08-99 ② NOT USED

REVISIONS

NO.	DESCRIPTION

DRAWN BY

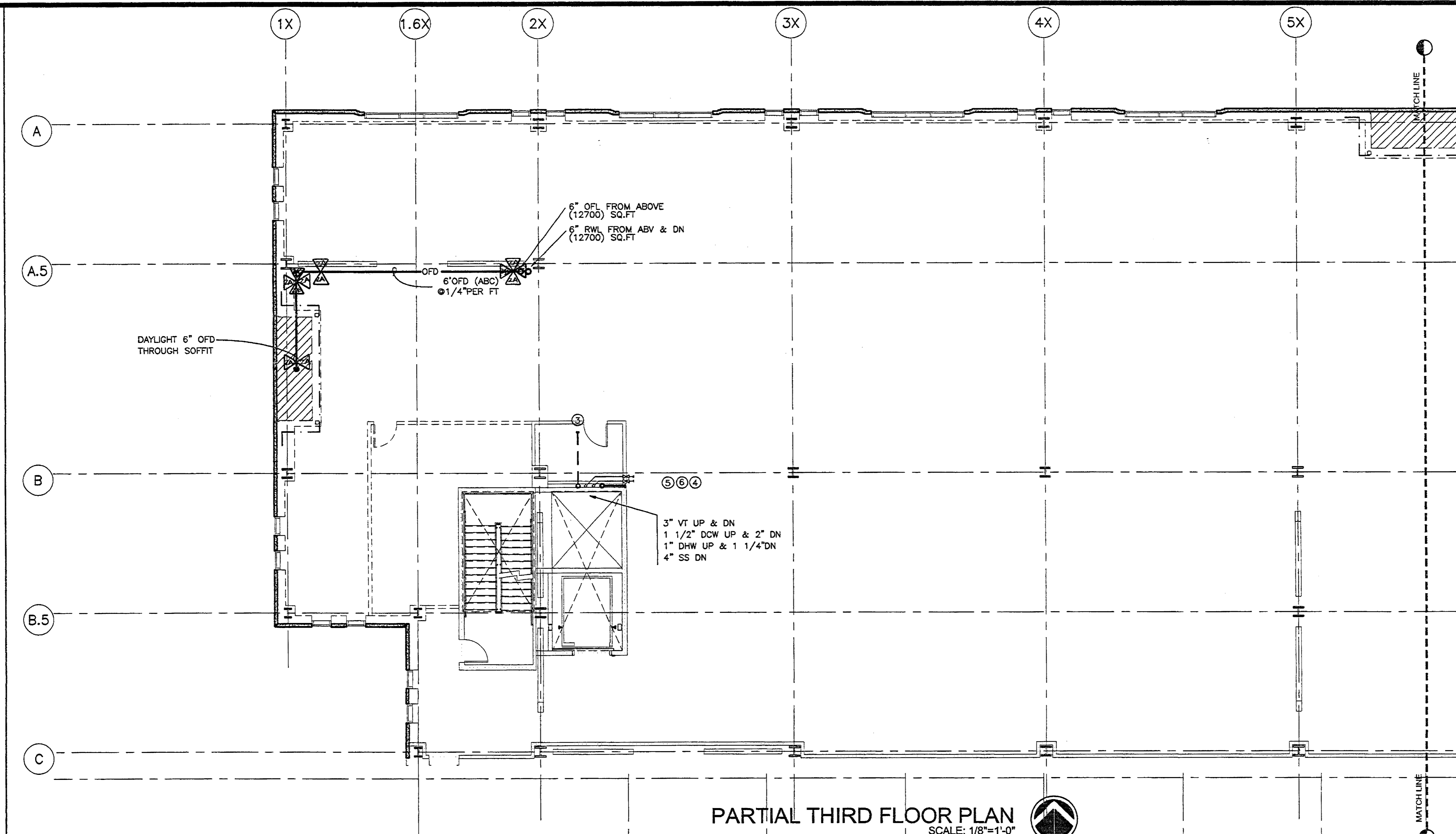


PARTIAL GROUND FLOOR PLANS, PLUMBING

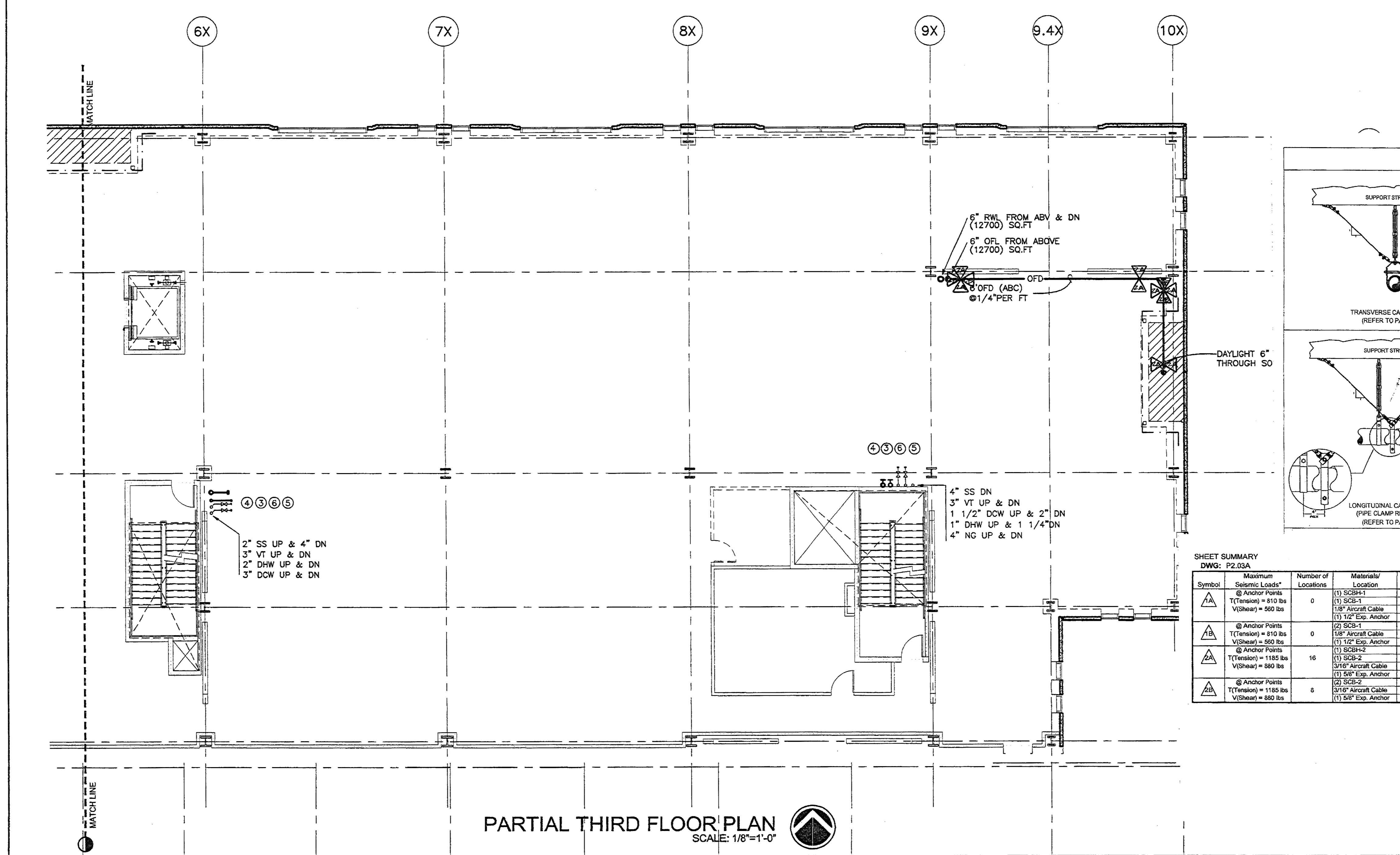
PROJECT NO. 98113 DRAWING NO. P2.01A  
DATE 07 DECEMBER 1999

Received by *John Field Office*  
Initials: *JFO*  
Date: *1-18-01*





PARTIAL THIRD FLOOR PLAN  
SCALE: 1/8"=1'-0"



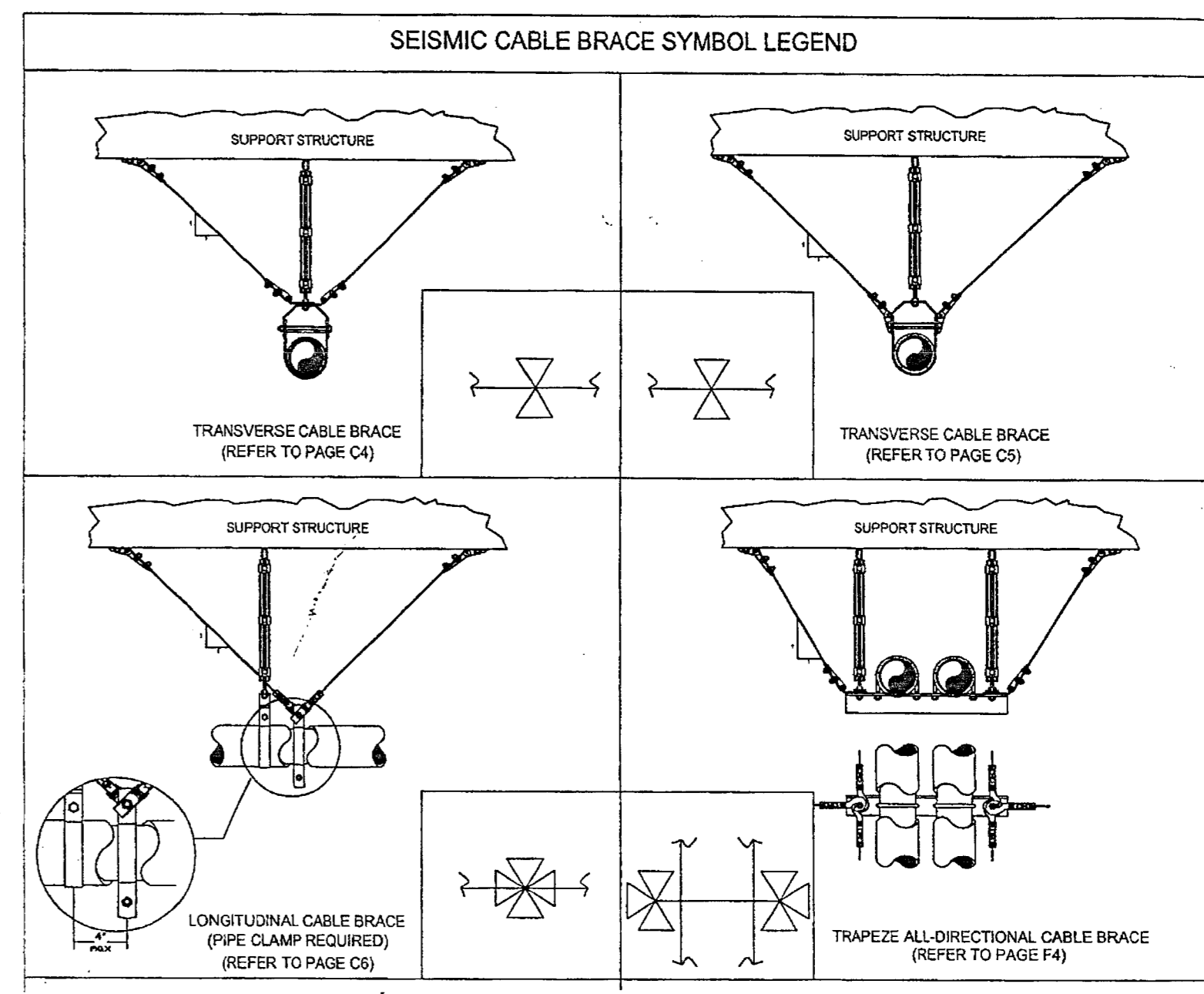
PARTIAL THIRD FLOOR PLAN  
SCALE: 1/8"=1'-0"

PLAN NOTES

- ① NOT USED
- ② SHUT OFF VALVE IN ACCESS PANEL.
- ③ 3" FUTURE VT. P.O.C.
- ④ 4" FUTURE WASTE P.O.C.
- ⑤ 1 1/2" FUTURE DCW P.O.C.
- ⑥ 1" FUTURE DHW P.O.C.

RECEIVED  
12/17/99  
15000-09  
12/17/99

Refer to General Conditions with the Owner  
Contractor: The contractor shall be responsible for the installation of all equipment and materials in accordance with the approved submittals and specifications.  
THOMAS CONSTRUCTION CO.  
Submittal # 15000-09  
Submitted 12/17/99  
By: [Signature]



SHEET SUMMARY  
DWG: P2.03A

Symbol	Maximum Seismic Load	Number of Locations	Material/Location	Total Materials
①	@ Anchor Points T(Tension) = 810 lbs V(Shear) = 880 lbs	0	(U) SCB-1 (U) SCB-1 (U) 1/2" Exp. Anchor	0
②	@ Anchor Points T(Tension) = 810 lbs V(Shear) = 880 lbs	0	(U) SCB-1 (U) 1/2" Exp. Anchor	0
③	@ Anchor Points T(Tension) = 1185 lbs V(Shear) = 880 lbs	16	(U) SCB-2 (U) SCB-2 (U) 5/8" Exp. Anchor	16
④	@ Anchor Points T(Tension) = 1185 lbs V(Shear) = 880 lbs	8	(U) SCB-2 (U) 5/8" Exp. Anchor	8

General Notes:

- This drawing is certified for seismic bracing per applicable codes and specifications using Mason Industries seismic brace components from the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems". Substitution of components will change the layout of the seismic braces, attachment requirements to the structure, etc. and must be reviewed by Mason Industries for compliance or method locations are void.
- Certain spans may be omitted from bracing. (Refer to Page 9, Note 1 of the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems").
- Seismic brace locations are based on maximum brace spacings of 40 feet transverse and 80 feet longitudinal with a minimum of 2 transverse and 1 longitudinal brace for each straight pipe run. Vertical pipe drops of up to 15 feet or to a flexible connector (whichever occurs first) are braced from the locations shown.
- Size and location of seismic brace components assumes a maximum brace angle from horizontal of 45 degrees with a structural attachment to:
  - 1.) a stone aggregate concrete metal deck.
- Vertical rod stiffeners may be required at the seismic brace locations. Review page 811, 811 and 811 in the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems" for Make and Embedment requirements of expansion anchors.
- Refer to Section A and D charts in the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems" for Make and Embedment requirements of expansion anchors.

DWN: SH  
GND: GR  
DATE: 8/20/99  
REV: GR

ENGLISH HARPER RETA ARCHITECTS

880 UNIVERSITY AVENUE SUITE 100  
SACRAMENTO, CA 95825 (916) 566-1821

THIS DRAWING IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL IT IS SIGNED BY THE ARCHITECT AND THE OWNER.

ARCHITECT  
EDWARD P. ENGLISH C-10399  
RICHARD L. HARPER C-13530  
RONALD A. RETA C-9879

OWNER

CONTRACTOR



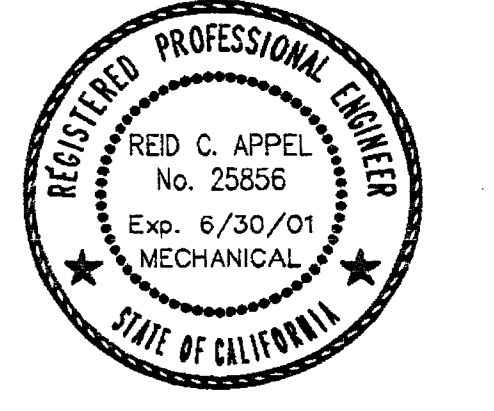
**FMB FRANK M. BOOTH DESIGN BUILD CO.**

OUR PERFORMANCE BUILDS RELATIONSHIPS

CONTRACTORS LICENSE 916-795-0777  
CAL. 142219 RESERVEVILLE, CA 92661  
REV. 15840

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APPROVED BY PROJECT MANAGER PROJECT ENGINEER  
DESIGNED/DRAWN BY M/J/M/C



Essential Services Facility

Parking Garage  
UNDER SEPARATE DOCUMENT PACKAGE

KEY PLAN

DATE	NO.	DESCRIPTION
02-17-00	6	OVERALL PERMIT SET
01-13-00	5	CORE AND SHELL PERMIT SET
12-13-99	4	T.I. PLAN CHECK SET
11-15-99	3	CORE AND SHELL PLAN CHECK SET
11-08-99	2	NOT USED

REVISIONS

DRAWN BY

CHECKED BY



DRAWING

PARTIAL THIRD FLOOR PLANS, PLUMBING

PROJECT NO. 98113 DRAWING NO. P2.03A  
DATE 07 DECEMBER 1999



# PLAN NOTES

- ① NOT USED
- ② SHUT OFF VALVE IN ACCESS PANEL
- ③ 3" FUTURE VT. P.O.C.
- ④ NOT USED
- ⑤ 1 1/2" FUTURE DCW P.O.C.
- ⑥ 1" FUTURE DHW P.O.C.
- ⑦ DHWR BALANCE VALVE
- ⑧ 3" VTR

**ENGLISH HARPER RETA**  
ARCHITECTS

580 UNIVERSITY AVENUE SUITE 100  
SACRAMENTO, CA 95825 (916) 568-1621

THIS DRAWING IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL IT IS SIGNED BY THE ARCHITECT AND THE OWNER.

ARCHITECT: EDWARD F. ENGLISH C-10398  
RICHARD L. HARPER C-13830  
RONALD A. RETA C-9579

OWNER: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_

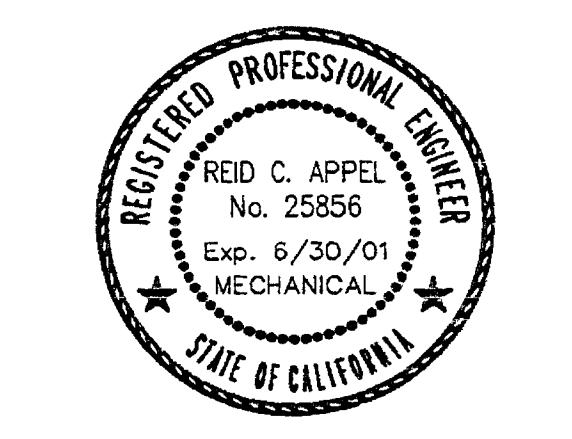


**FMB** FRANK M. BOOTH DESIGN BUILD CO.  
OUR PERFORMANCE BUILDS RELATIONSHIPS

CONTRACTORS LICENSE 916-784-0777  
CAL. 142218 Knebelsville CA 95861  
NEV. 15640

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APPROVED BY: PROJECT MANAGER  
DESIGNED/DRAWN BY: M/J/MDC



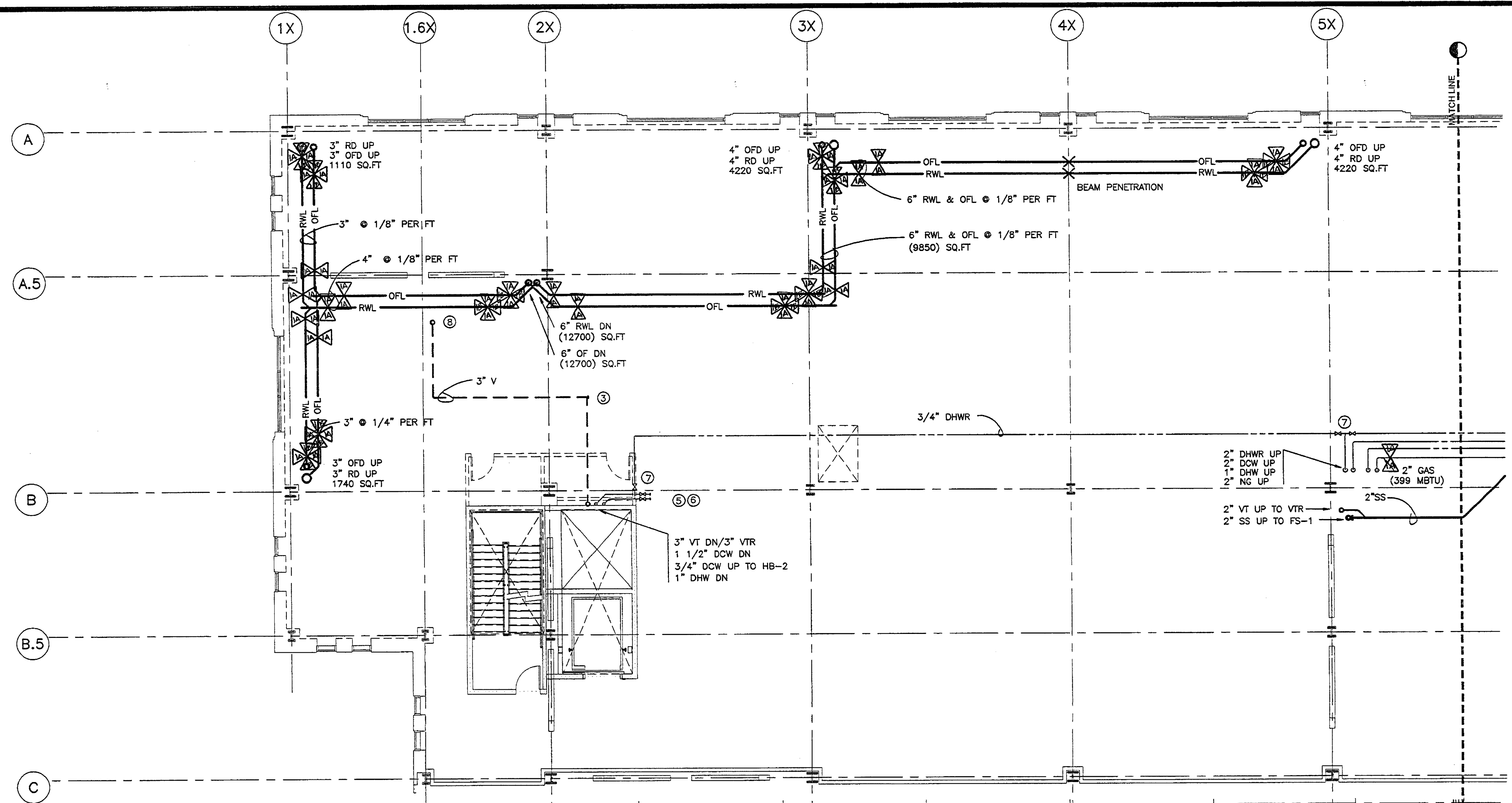
RECEIVED  
JAN 10 2007  
CONSTRUCTION

RECEIVED  
JAN 10 2007  
CONSTRUCTION

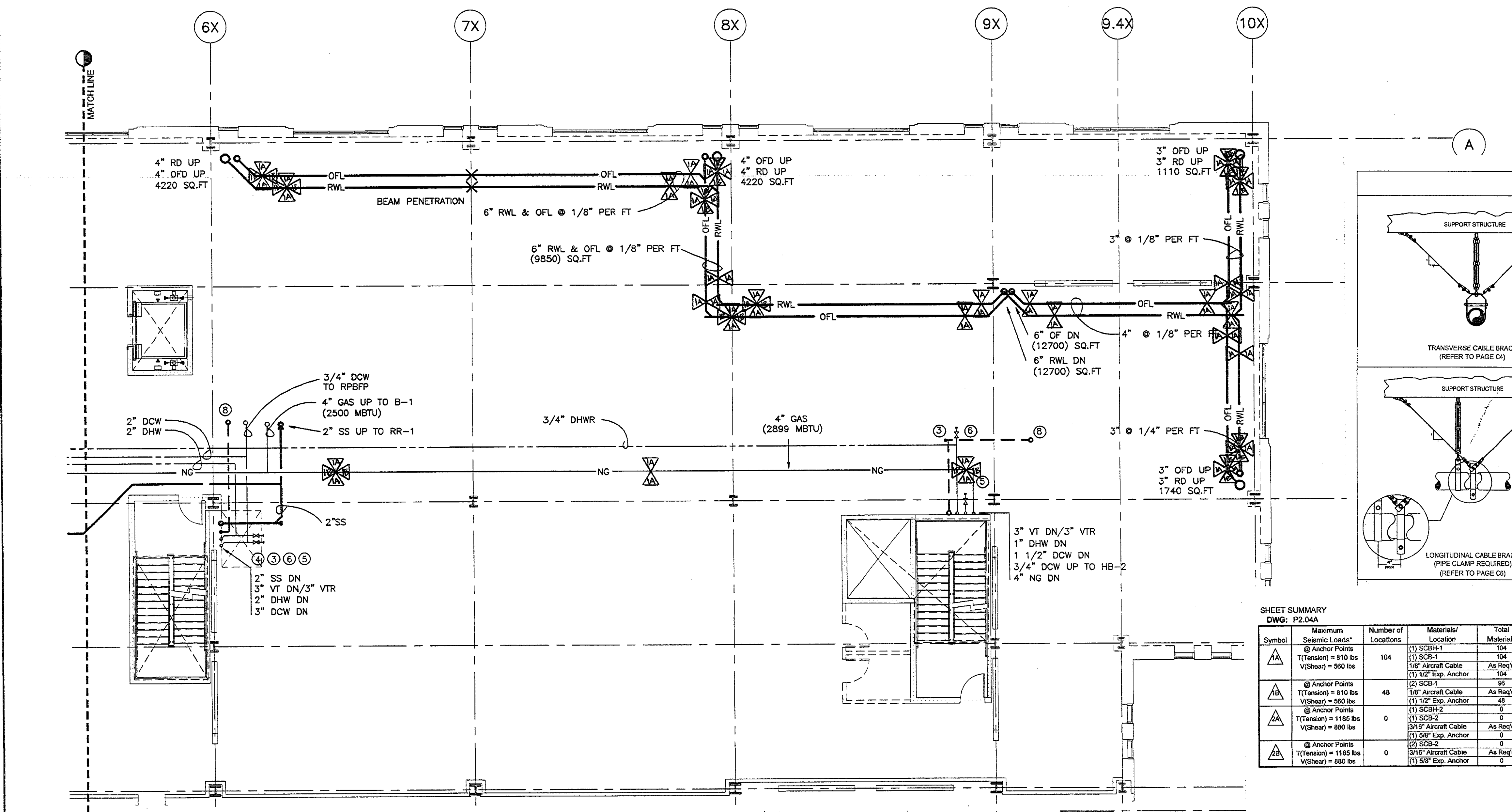
Reviewed for General Compliance with the General Contract. The reviewer does not warrant compliance with the requirements of the contract. The contractor is responsible for all work in accordance with the contract documents and shall be held liable for any work in violation of the contract documents.

DESIGNED & DRAWN BY: M/J/MDC

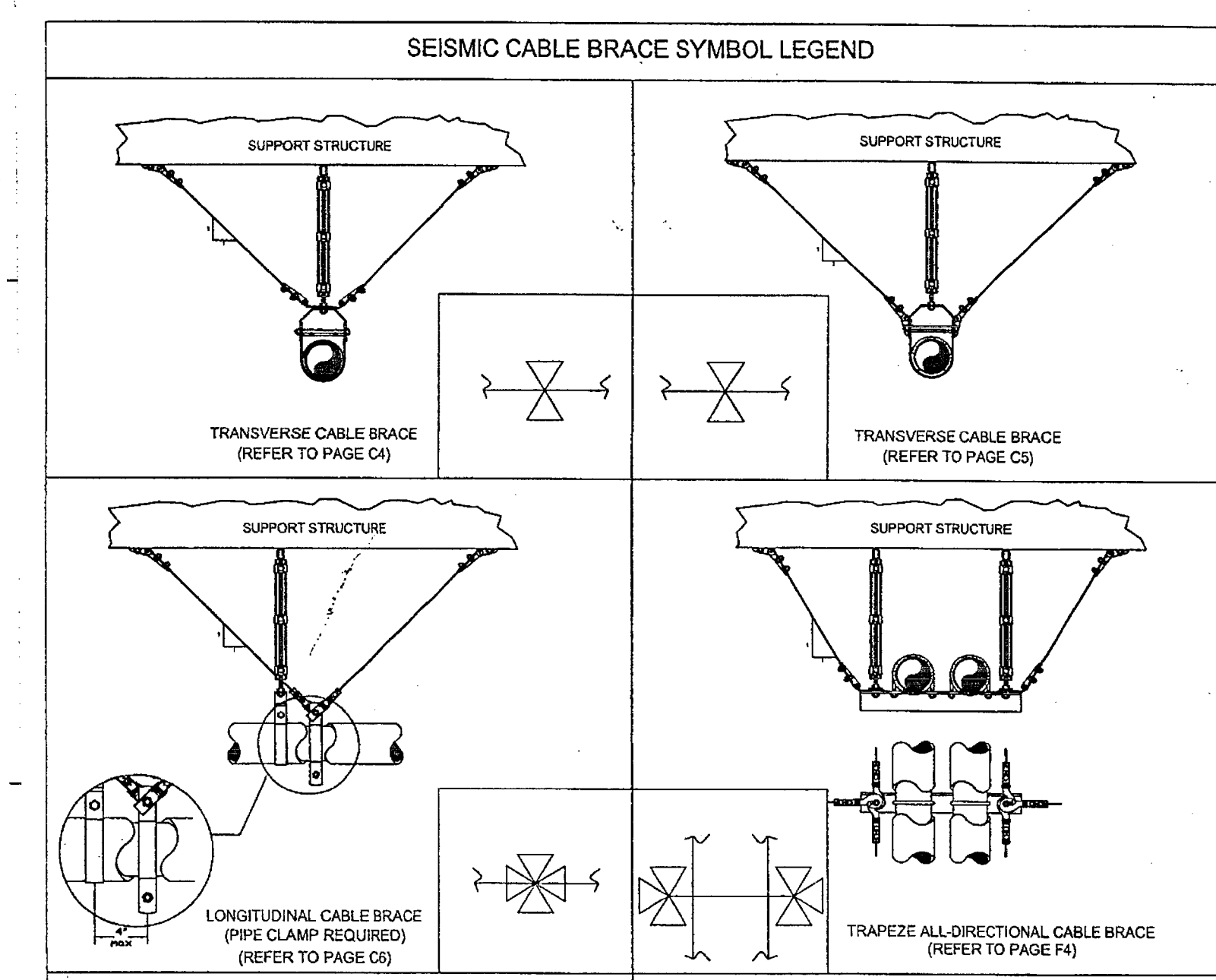
DATE: 07/01/07



**PARTIAL FOURTH FLOOR PLAN**  
SCALE: 1/8"=1'-0"



**PARTIAL FOURTH FLOOR PLAN**  
SCALE: 1/8"=1'-0"

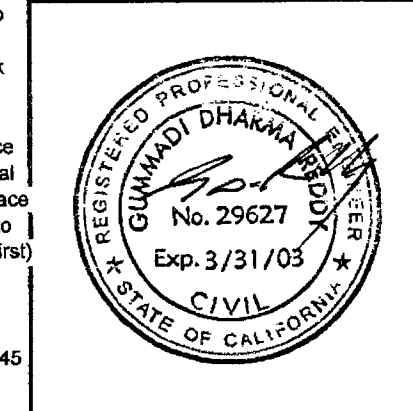


**SHEET SUMMARY**  
DWG: P2.04A

Symbol	Maximum Seismic Loads*	Number of Locations	Material/Location	Total Materials
⚠	@ Anchor Points T(Tension) = 810 lbs V(Shear) = 560 lbs	104	(1) SCB-1 (1) 1/2" Exp. Anchor (1) 1/2" Exp. Anchor	104
⚠	@ Anchor Points T(Tension) = 810 lbs V(Shear) = 560 lbs	48	(1) SCB-1 (1) 1/2" Exp. Anchor (1) 1/2" Exp. Anchor	48
⚠	@ Anchor Points T(Tension) = 1165 lbs V(Shear) = 890 lbs	0	(1) SCB-2 (1) 3/4" Exp. Anchor (1) 5/8" Exp. Anchor	0
⚠	@ Anchor Points T(Tension) = 1165 lbs V(Shear) = 890 lbs	0	(1) SCB-2 (1) 3/4" Exp. Anchor (1) 5/8" Exp. Anchor	0

**General Notes:**

- This drawing is certified for seismic bracing per applicable codes and specifications using Mason Industries seismic brace components from the Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems. Substitution of components will change the layout of the seismic bracing, attachment requirements to the structure, etc. and must be reviewed by Mason Industries for compliance or marked locations are void.
- Certain pipes may be omitted from bracing. (Refer to Page 9, Note 1 of the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems.")
- Seismic brace locations are based on maximum brace spacings of 40 feet transverse and 80 feet longitudinal with a minimum of 2 transverse and 1 longitudinal brace for each straight pipe run. Vertical pipe drops of up to 15 feet or to a suitable connector (whichever occurs first) are brood from the locations shown.
- Size and location of seismic brace components assumes a maximum brace angle from horizontal of 45 degrees with a structural attachment to 1.5 stone aggregate concrete metal deck.
- Vertical rod stiffeners may be required at the seismic brace locations. Review page 81, E1 and C1 in the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems" for Make and Embedment requirements of expansion anchors.
- Refer to Section A and D charts in the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems" for Make and Embedment requirements of expansion anchors.



**Essential Services Facility**

Parking Garage  
(UNDER SEPARATE DOCUMENT PACKAGES)

## KEY PLAN

- 02-17-00 ⑥ OVERALL PERMIT SET
- 01-13-00 ⑤ CORE AND SHELL PERMIT SET
- 12-13-99 ④ T.I. PLAN CHECK SET
- 11-15-99 ③ CORE AND SHELL PLAN CHECK SET
- 11-08-99 ② NOT USED

**REVISIONS**

DATE	NO.	DESCRIPTION

DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_



**DRAWING**

**PARTIAL FOURTH FLOOR PLANS, PLUMBING**

PROJECT NO. 98113  
DRAWING NO. P2.04A  
DATE 07 DECEMBER 1999



THIS DRAWING IS NOT FINAL OR TO BE USED FOR  
CONSTRUCTION UNTIL IT IS SIGNED BY THE  
ARCHITECT AND THE OWNER.

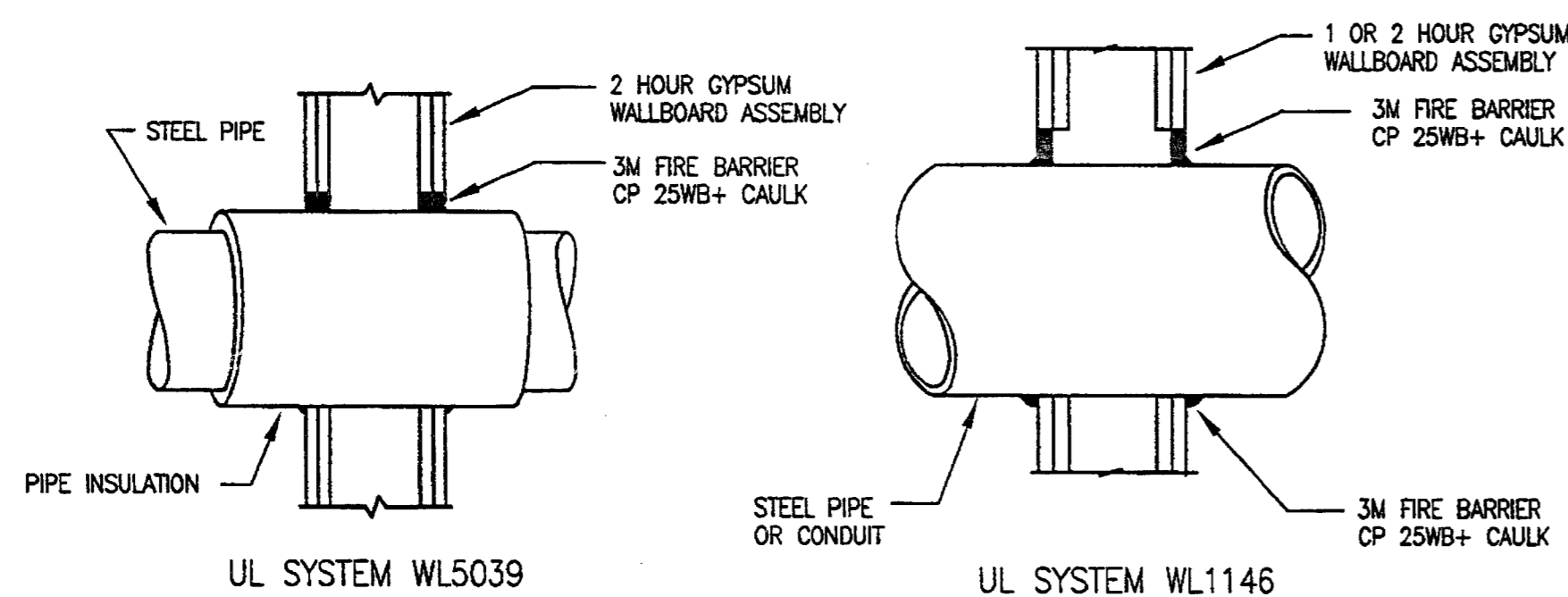
ARCHITECT  
EDWARD P. ENGLISH C-10369  
RICHARD L. HARPER C-13830  
RONALD A. RETA C-9879

OWNER

CONTRACTOR

PLAN NOTES

- ① P. O. C. TO SITE UTILITY @ 5'-0" OUT FROM FND.
- ② SHUT OFF VALVE IN ACCESS PANEL.
- ③ 3" FUTURE VT. P.O.C.
- ④ 4" FUTURE WASTE P.O.C.
- ⑤ 1 1/2" FUTURE DCW P.O.C.
- ⑥ 1" FUTURE DHW P.O.C.



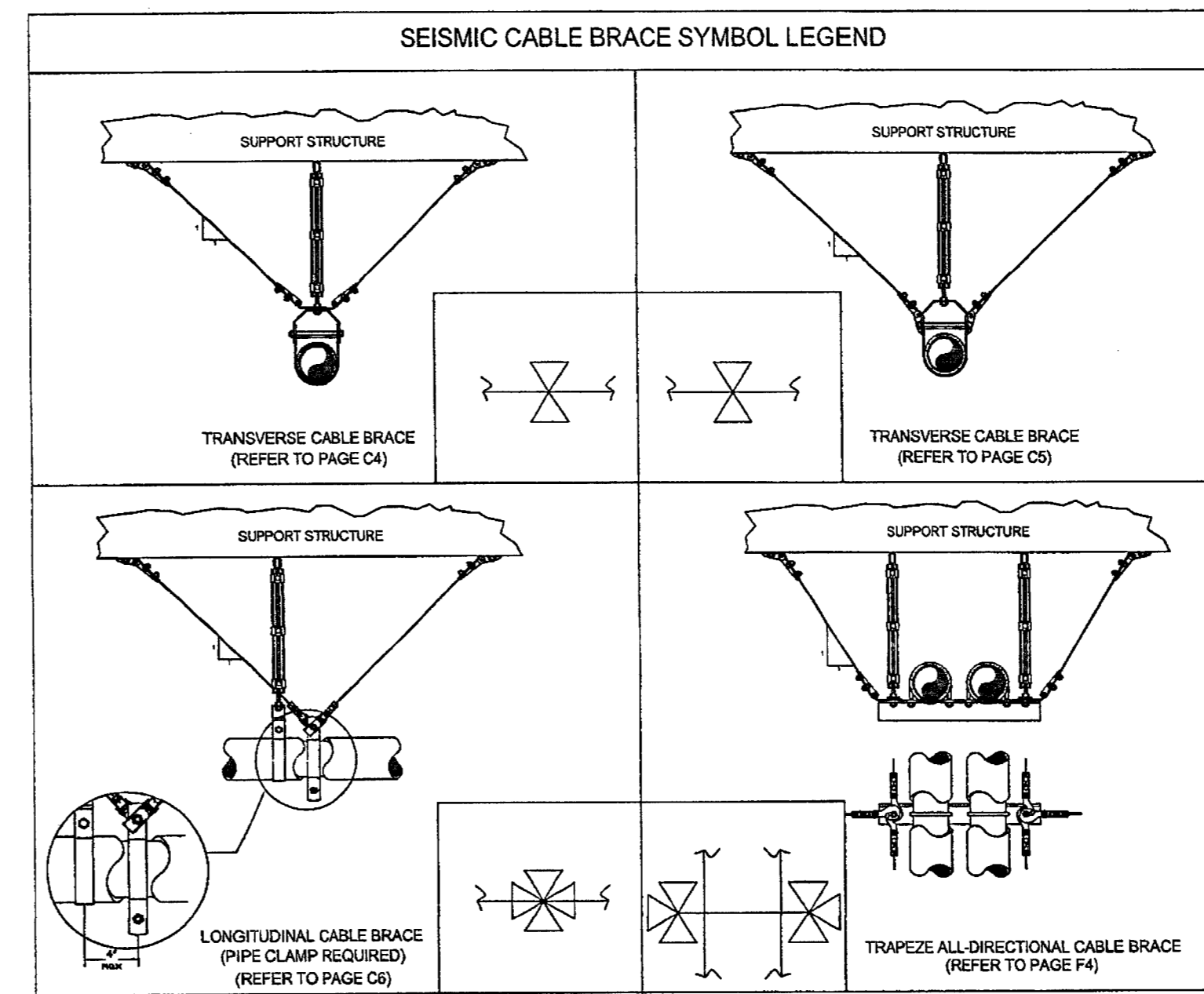
CONSULT CURRENT UNDERWRITERS LABORATORIES "FIRE RESISTANCE DIRECTORY" FOR DETAILS

1 PIPE THROUGH FIRE RATED WALL

NO SCALE

NOTE:

1. FIRE RATED WALL DETAIL FOR REFERENCE ONLY.
2. EXACT WALL CONDITIONS AT PENETRATIONS SHALL BE VERIFIED PRIOR TO INSTALLATION AND THE APPROPRIATE RATING ASSEMBLY SHALL BE USED FOR THE TYPE OF PENETRATION.
3. FIRESTOPPING SHALL BE INSTALLED STRICTLY PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.



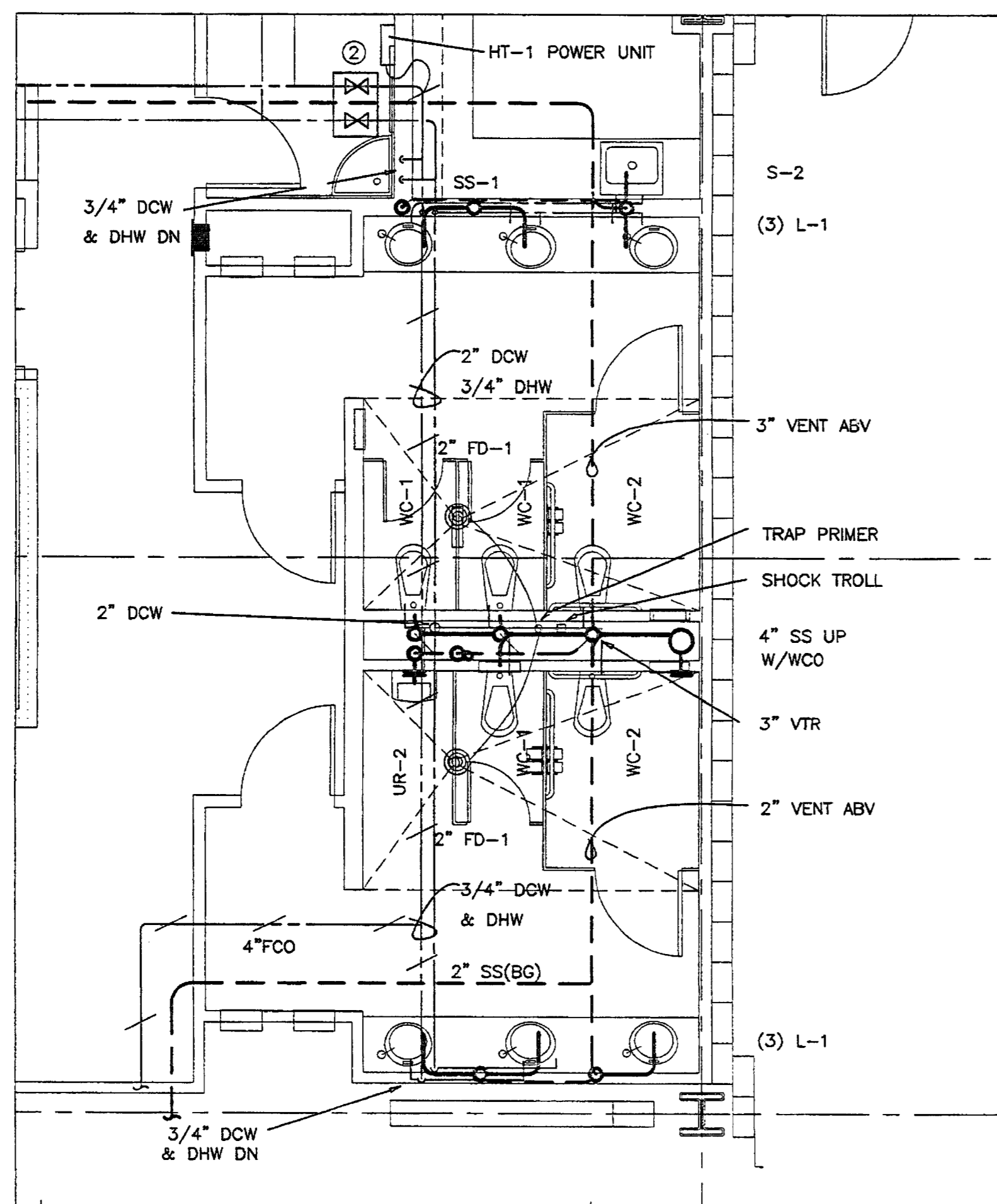
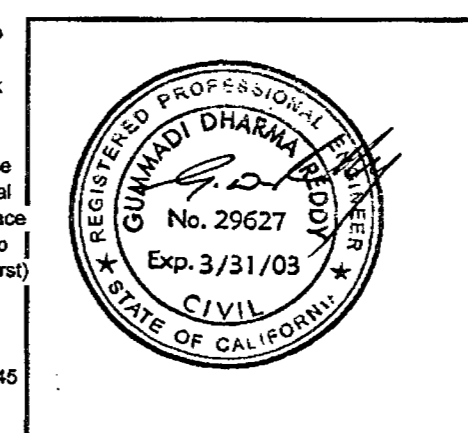
SHEET SUMMARY

DWG: P2.06A

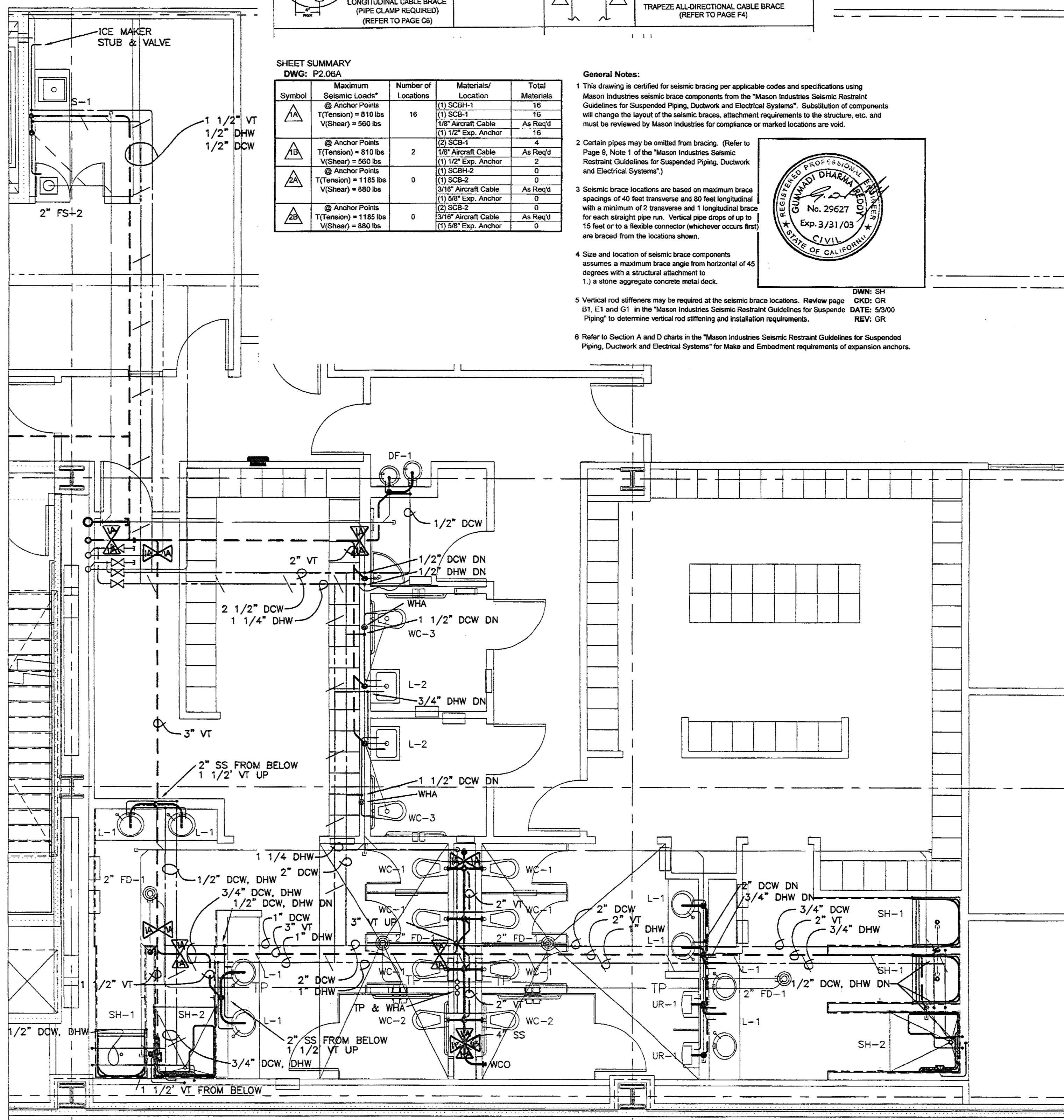
Symbol	Maximum Seismic Load*	Number of Locations	Materials/Location	Total Materials
△	@ Anchor Points T(Tension) = #10 lbs V(Shear) = 500 lbs	16	(1) SCB-1 (1) SCB-1 (1) 1/2" Exp. Anchor	16
△	@ Anchor Points T(Tension) = #10 lbs V(Shear) = 500 lbs	2	(2) SCB-1 (2) 1/2" Exp. Anchor	2
△	@ Anchor Points T(Tension) = 1185 lbs V(Shear) = 880 lbs	0	(1) SCB-2 (1) 3/8" Aircraft Cable	0
△	@ Anchor Points T(Tension) = 1185 lbs V(Shear) = 880 lbs	0	(2) SCB-2 (2) 3/8" Aircraft Cable	0

General Notes:

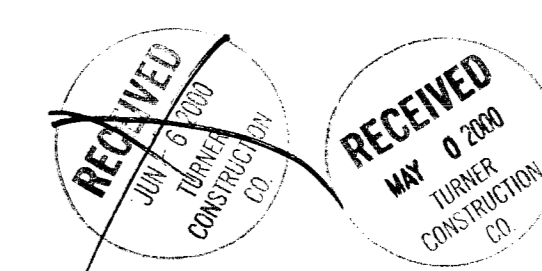
- 1 This drawing is certified for seismic bracing per applicable codes and specifications using Mason Industries seismic brace components from the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems". Substitution of components will change the layout of the seismic braces, attachment requirements to the structure, etc. and must be reviewed by Mason Industries for compliance or marked locations are void.
- 2 Certain pipes may be omitted from bracing. (Refer to Page 6, Note 1 of the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems".)
- 3 Seismic brace locations are based on maximum brace spacings of 40 feet transverse and 80 feet longitudinal with a minimum of 2 transverse and 1 longitudinal brace for each straight pipe run. Vertical pipe drops of up to 15 feet or to a flexible connector (whichever occurs first) are braced from the locations shown.
- 4 Size and location of seismic brace components assumes a maximum brace angle from horizontal of 45 degrees with a structural attachment to 1) a stone aggregate concrete metal deck.
- 5 Vertical rod stiffeners may be required at the seismic brace locations. Review page GKD: GR 011, 015 and 017 in the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems" to determine vertical rod stiffening and installation requirements.
- 6 Refer to Section A and D charts in the "Mason Industries Seismic Restraint Guidelines for Suspended Piping, Ductwork and Electrical Systems" for Make and Embedment requirements of expansion anchors.



1 CORE RESTROOM  
1/4" = 1'-0"



2 2ND FLOOR RESTROOMS  
1/4" = 1'-0"



Approved for General Contractors with the Consent of the City of Stockton. This drawing is the property of the City of Stockton. It is to be used only for the project for which it was prepared. It is not to be used for any other project without the written consent of the City of Stockton. If you have any questions, please contact the City of Stockton at (916) 447-2000.

FORWARD CONSTRUCTION CO.  
Submitted: 12/07/99  
Checked: [Signature]  
By: [Signature]



**FMB FRANK M. BOOTH DESIGN BUILD CO.**

OUR PERFORMANCE BUILDS RELATIONSHIPS

CONTRACTORS LICENSE No. 145219  
CALIFORNIA REG. NO. 15940

916-784-0777  
Roseville, CA 95661

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APPROVED BY PROJECT MANAGER [Signature]  
DESIGNED/DRAWN BY [Signature]

APPROVED BY PROJECT ENGINEER [Signature]



Essential Service Facility

Parking Garage  
(UNDER SEPARATE DOCUMENT PACKAGE)

KEY PLAN

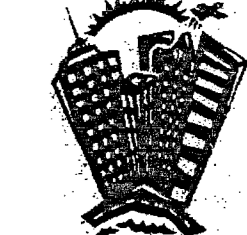
02-17-00	6	OVERALL PERMIT SET
01-13-00	5	CORE AND SHELL PERMIT SET
12-13-99	4	T.I. PLAN CHECK SET
11-15-99	3	CORE AND SHELL PLAN CHECK SET
11-08-99	2	NOT USED

DATE NO. DESCRIPTION

REVISIONS

DRAWN BY

CHECKED BY



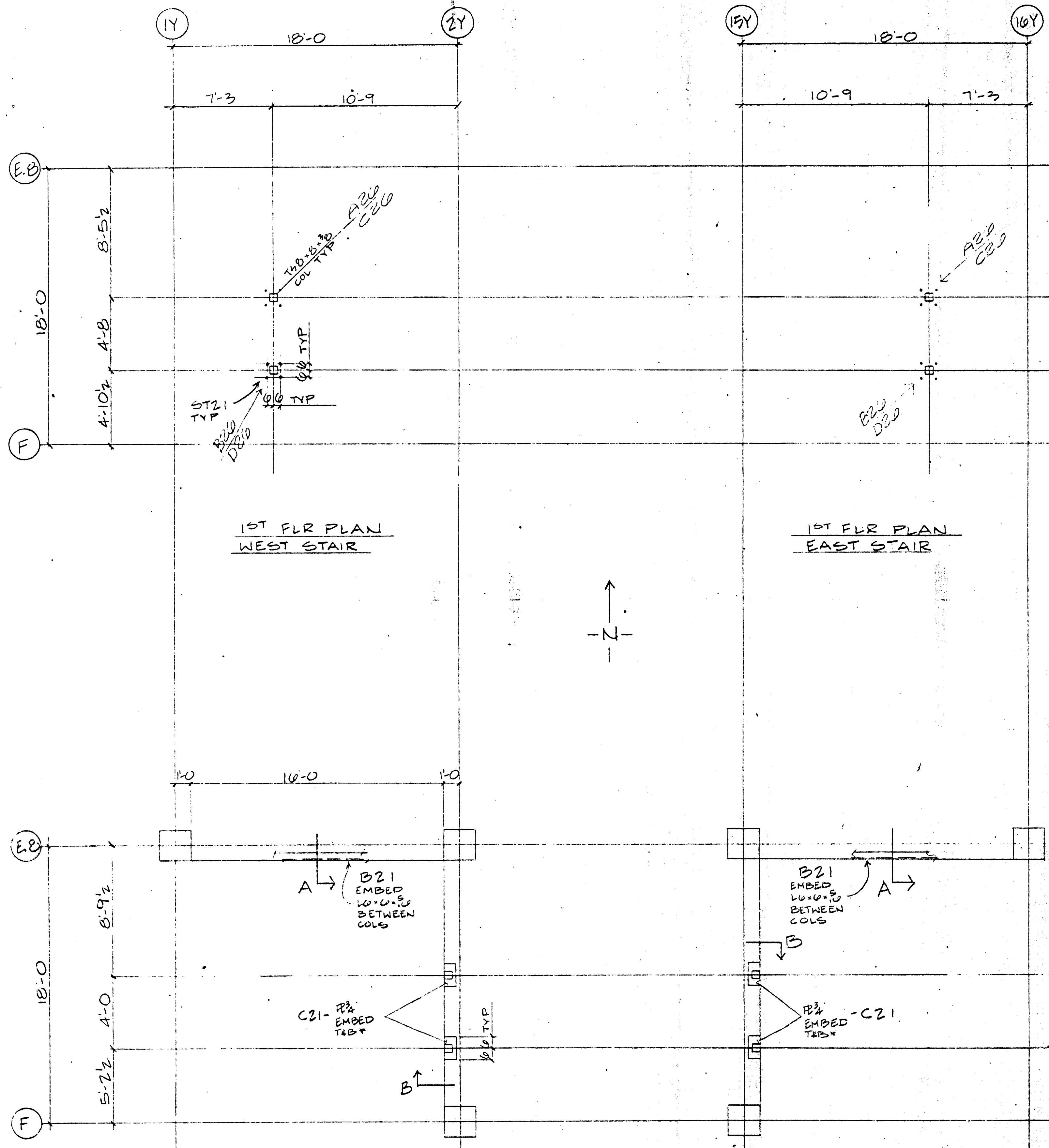
Essential Service Facility  
City of Stockton, California

DRAWING  
PLUMBING 1/4" PLANS AND DETAILS

PROJECT NO. 98113  
CADFILE P2\_06A  
DATE 07 DECEMBER 1999

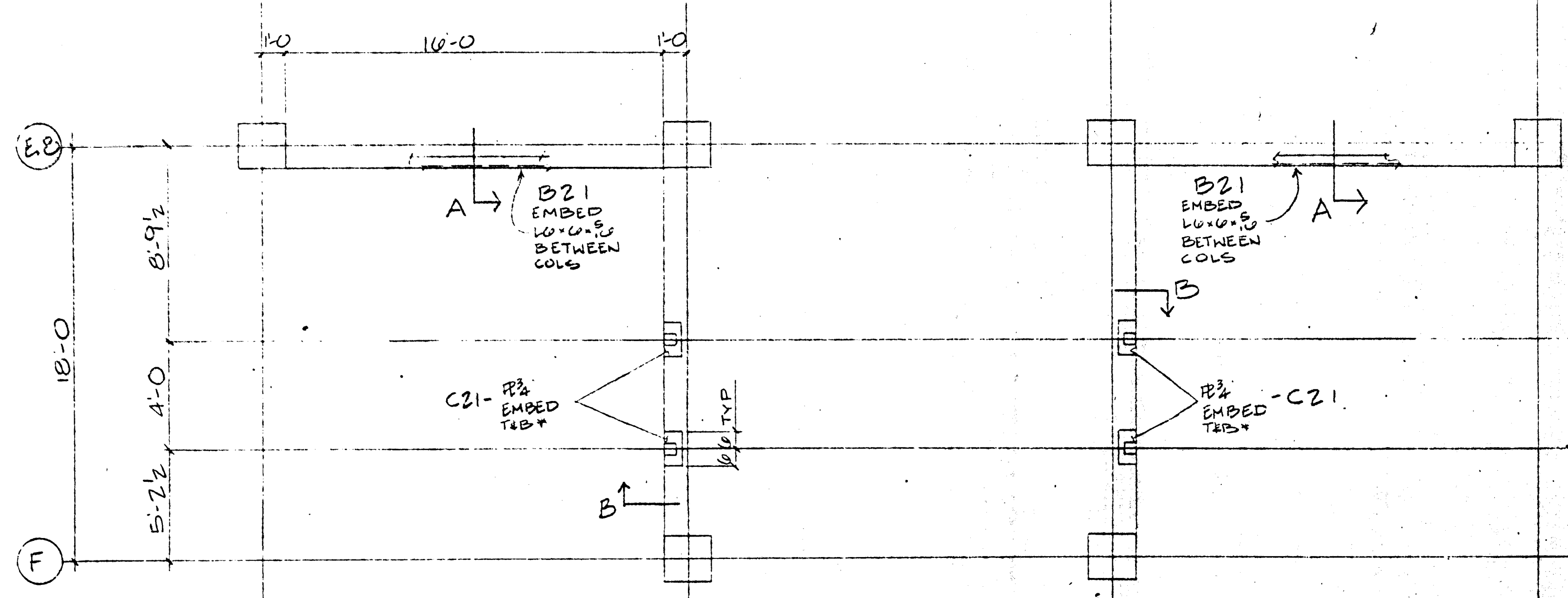
DRAWING NO. P2.06A





1ST FLR PLAN WEST STAIR

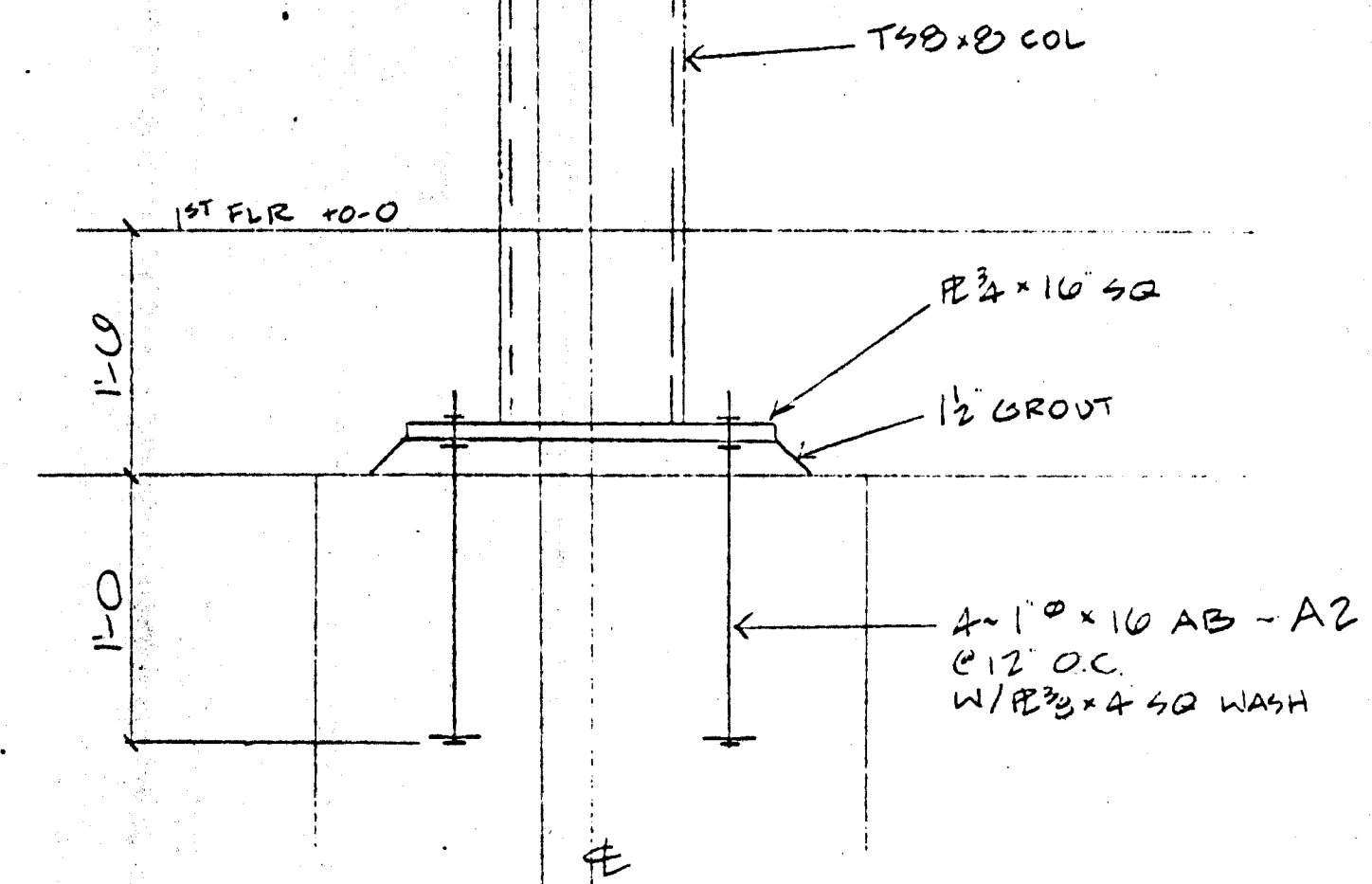
1ST FLR PLAN EAST STAIR



2ND THRU 8TH FLR PLAN WEST STAIR

2ND THRU 8TH FLR PLAN EAST STAIR

\* TOP EMBED NOT REQ'D @ 8TH FLR, BOTT EMBED NOT REQ'D @ 2ND FLR

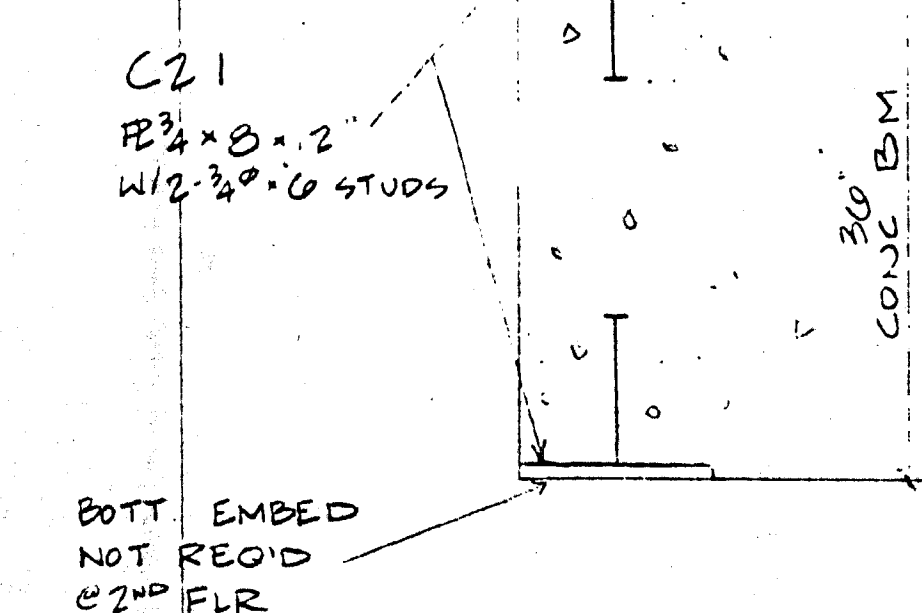


TYP COL BASE DET.

EMBED @ TOP OF CURB NOT TOP OF BM PER R220 C210 5/4/00

TOP EMBED NOT REQ'D @ 8TH FLR

TOP OF CURB + 6"



SECT. B

B21 EMBED 10'-0" W/ 3/4" x 8" STUDS @ 12" O.C.

SECT. A

**REVISE & RESUBMIT STAIRS ARE REQUIRED TO BE STEEL STAIRS / CHECKER PLEASE**

SEE SHEET E8 FOR COMMENTS  
Architect verify stair dimensions & handrail typ

Submit plans & calcs. to Bldg. Dept. for approval. ✓ T. TURNER

Approved  
Approved as corrected  
Revise and Resubmit  
Rejected

Fabrication / installation may be undertaken. Approval does not authorize changes to the Contract Sum or Contract time.  
Fabrication / installation MAY NOT be undertaken, in resubmitting, until corrections to items marked.

Review is only for general conformance with the design concept in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of his work with that of all other trades; and satisfactory performance of his work.  
Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

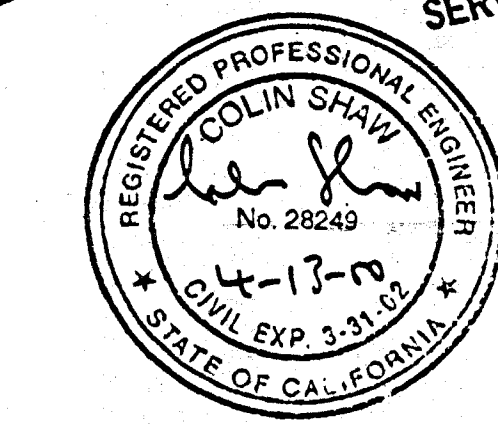
ENGLISH HARPER RETA  
By: SH Date: 4/21/00  
116-505-1121

RECEIVED  
APR 14 2000  
TURNER CONSTRUCTION CO.

Revised for General Conformance with the Contract Documents. Responsibility for making the actual construction of his responsibility for all dimensions, construction and content in with the work of other trades.

TURNER CONSTRUCTION CO.  
05510-04  
4-13-00  
Date: 4/21/00

FOR PARKING GARAGE STRUCTURE ONLY  
NOT FOR ESSENTIAL SERVICES BUILDING



RECEIVED  
APR 20 2000  
TURNER CONSTRUCTION CO.

NO.	DESCRIPTION	DATE	APP'D
1	REVISED	4-11	

COFAB STEEL CORP.  
VALLEJO, CA

CUSTOMER: TURNER CONSTRUCTION  
PROJECT: ESSENTIAL SERVICES BLDG  
LOCATION: STOCKTON, CA

ANCHOR BOLT LAYOUT GARAGE STAIRS

DRAWN BY: ROB DATE: 3-00  
CHECKED BY: EM DATE: 4-00  
APPROVED BY: DATE: 4-00

JOB NO: 905  
DRAWING REV: E0 1

Checking is only for general conformance with the design concept in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of his work with that of all other trades and the satisfactory performance of his work.

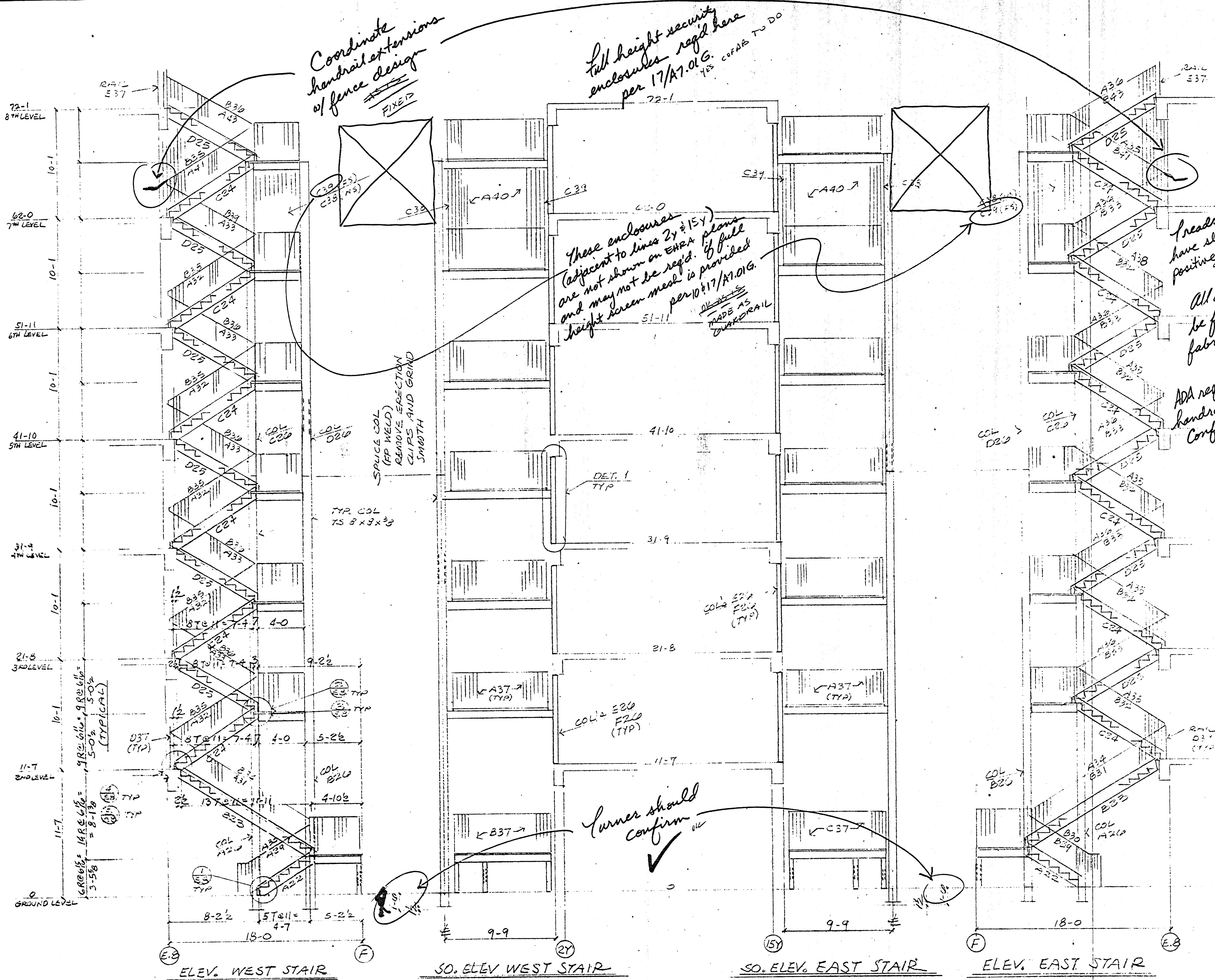
Detailer to review and be in agreement with comments by structural engineer prior to proceeding with fabrication. In event of disagreement, request engineer's re-examination.

BUHLER & SHULER ASSOCIATES, STRUCTURAL ENGINEERS, INC.  
7200 FOLSOM BLVD., SUITE #100  
SACRAMENTO, CALIFORNIA 95820

DATE: 4/20/00

05510-04





Coordinate  
handrail extensions  
of fence design  
FIXED

Full height security  
enclosures req'd here  
per 17/A7.01.G.  
COFAB TO DO

These enclosures  
adjacent to lines 2x & 15y  
are not shown on EXHA plans  
and may not be req'd. If full  
height screen mesh is provided  
per 10/17/A7.01.G.  
MADE AS  
HANDRAIL

Reads & landings should  
have slight slope (1/8" : 12") for  
positive drainage of rainwater.  
CONCRETE APPLICATION

All dimensions should  
be field verified before  
fabrication.  
CONFLICT WITH  
TURNAR'S  
RECORDS

ADA requires outside dia. of  
handrails to be 1 1/4" min, 1 1/2" max.  
Confirm compliance.  
1/2 TURN

SPLICE COL  
(FP WELD)  
REMOVE EJECTION  
CLIPS AND GRIND  
SMOOTH

TYP. COL  
TS 8 x 8 x 3/8

COL 220  
F20  
(TYP)

COL 220  
F20  
(TYP)

Turner should  
confirm

RECEIVED  
APR 14 2000  
TURNER CONSTRUCTION CO.

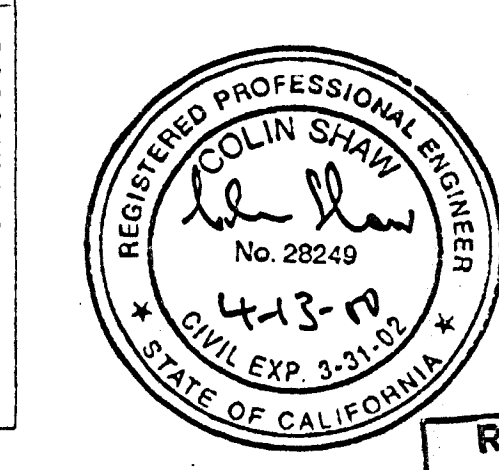
Reviewed for General Conformance with the Contract Documents. This review does not constitute the assumption of responsibility for the work custom to the requirements of the contract. The contractor is responsible for all dimensions, lower fractions and accuracy to within the result of usual trade.  
TURNER CONSTRUCTION CO.  
Submitted & Specified by: 05510.04  
Date: 4/13/00  
By: RAT

Approved  
 Approved as corrected  
 Revise and Resubmit  
 Rejected

Fabrication / installation may be undertaken. Approval does not authorize changes to the Contract Sum or Contract time.  
Fabrication / installation MAY NOT be undertaken in re-submitting, limit corrections to items marked.

Review is only for general conformance with the design concept in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site, fabrication processes and techniques of construction; coordination of his work with that of all other trades; and satisfactory performance of his work.  
Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

ENGLISH HARPER RETA  
Date: APR 21 2000



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APR 20 2000  
STRUCTURAL ENGINEERS, INC.

REVISIONS			
NO.	DESCRIPTION	DATE	APPR.

**COFAB STEEL CORP.**  
VALLEJO, CA

CUSTOMER	TURNER CONET	REV.	
PROJECT	PARKING GARAGE	DATE	
LOCATION	STUCKTON, CA	APPROVAL	
		OFFICE	
		SHOP	
		FIELD	
		CUSTOMER	

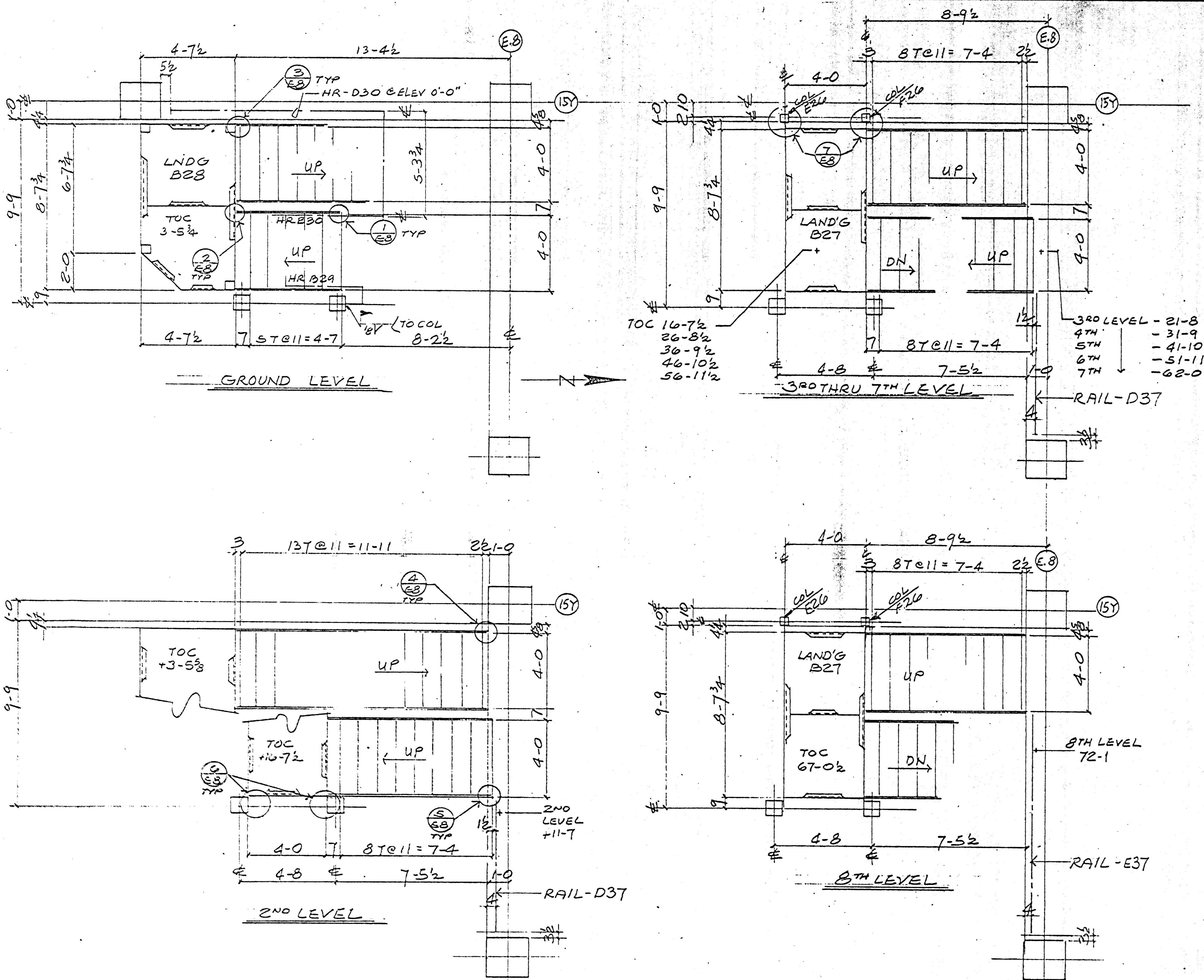
LAYOUT GARAGE  
STAIRS

DRAWN BY	ML	DATE	3-16-00	JOB NO.	965	DRAWING	REV
CHECKED BY		DATE					
APPROVED BY		DATE					









Fabrication / installation may be undertaken without approval of the Designer. Approval does not constitute a warranty of the accuracy of the information provided. Fabrication / installation MAY NOT be undertaken in readmission, limit corrections to items marked.

Responsibility for general conformance with the design shown in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and corrected at the job site. Fabrication processes and techniques of construction; coordination of his work with that of all other trades; and satisfactory performance of his work.

English Harper Reta  
By: *SRW* Date: APR 21 2000

Reviewed for General Conformance with the Contract Documents. This review does not constitute a warranty of the accuracy of the information provided. Fabrication / installation MAY NOT be undertaken in readmission, limit corrections to items marked.

TURNER CONSTRUCTION CO  
5510-04  
411100  
7447

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APR 14 2000  
TURNER CONSTRUCTION CO.



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APR 20 2000  
STRUCTURAL ENGINEERS, INC.

FOR DETAILS SEE DWG EB

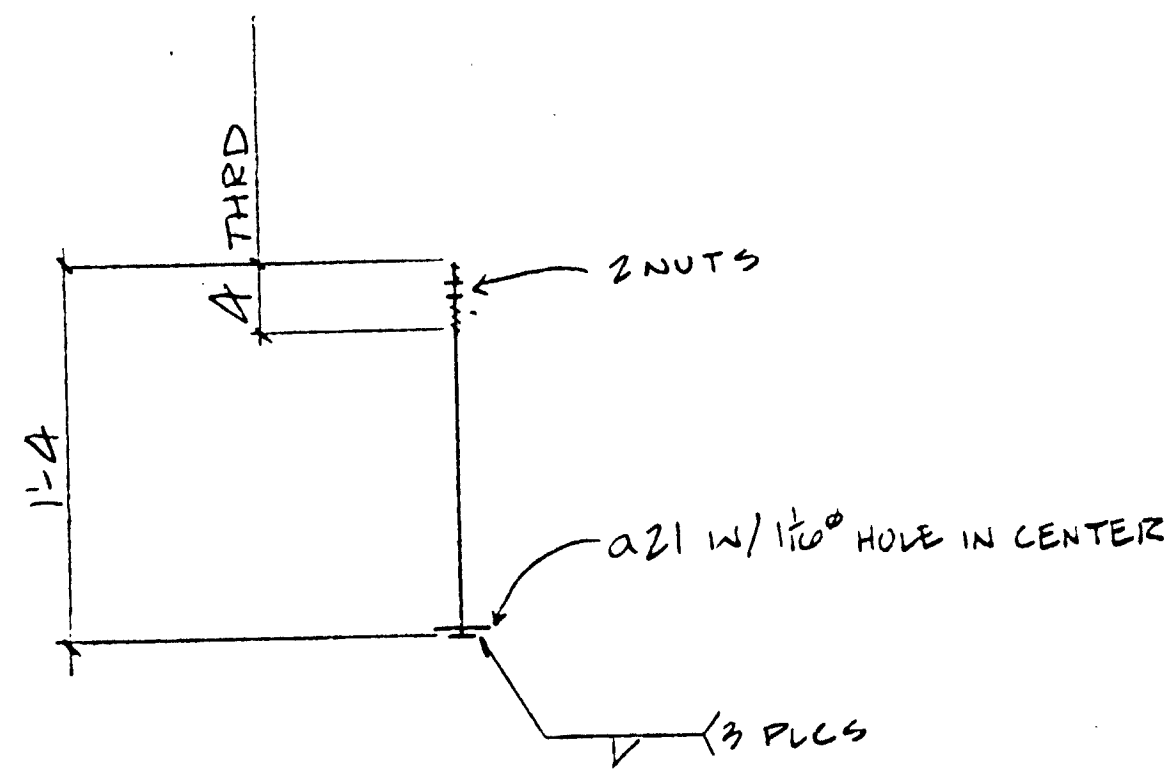
REVISIONS			
NO	DESCRIPTION	DATE	APP
2	REVISED LOC. OF ERG, F26	4-11	
1	REDRAWN	4-7	

**COFAB STEEL CORP.**  
VALLEJO, CA

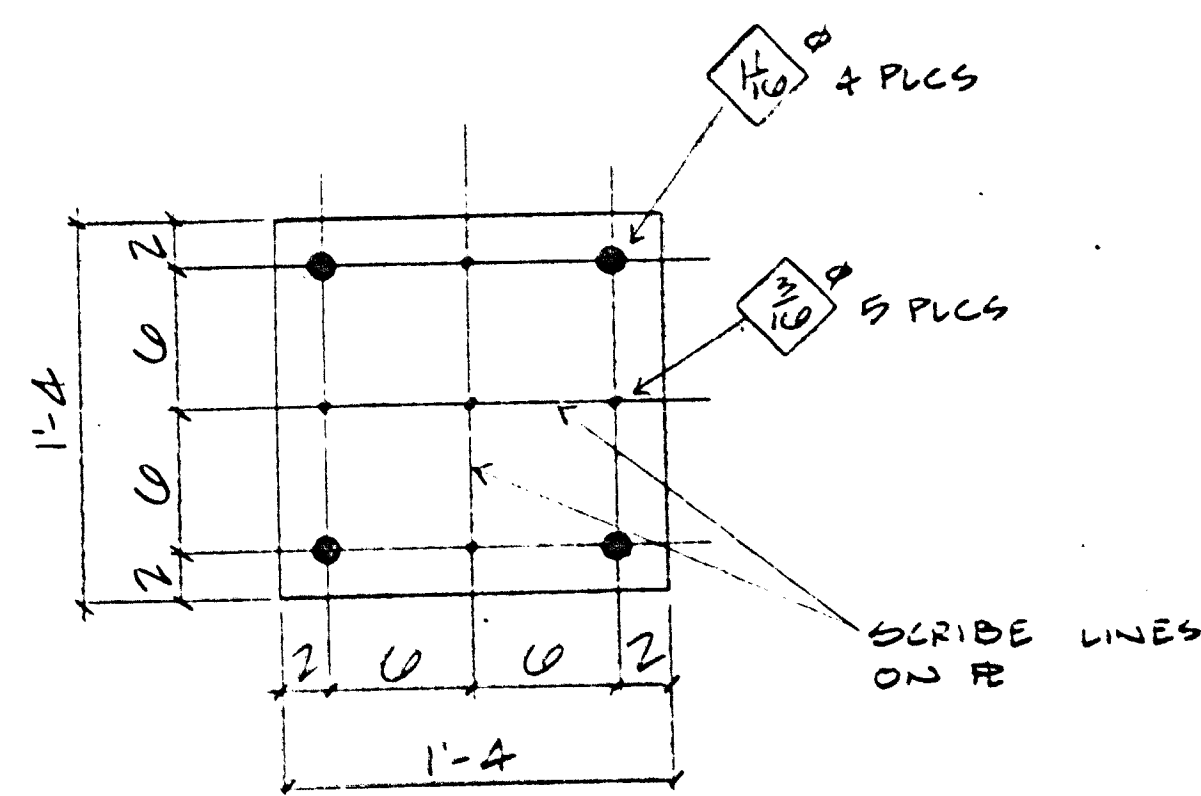
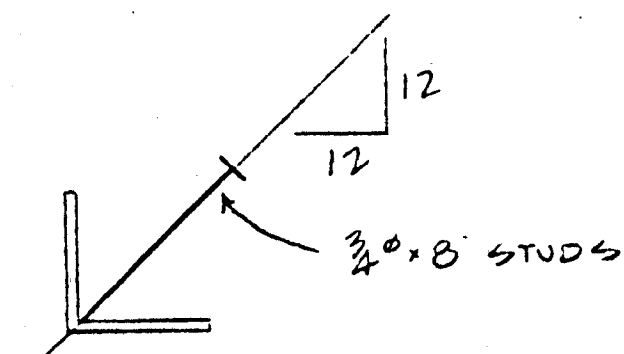
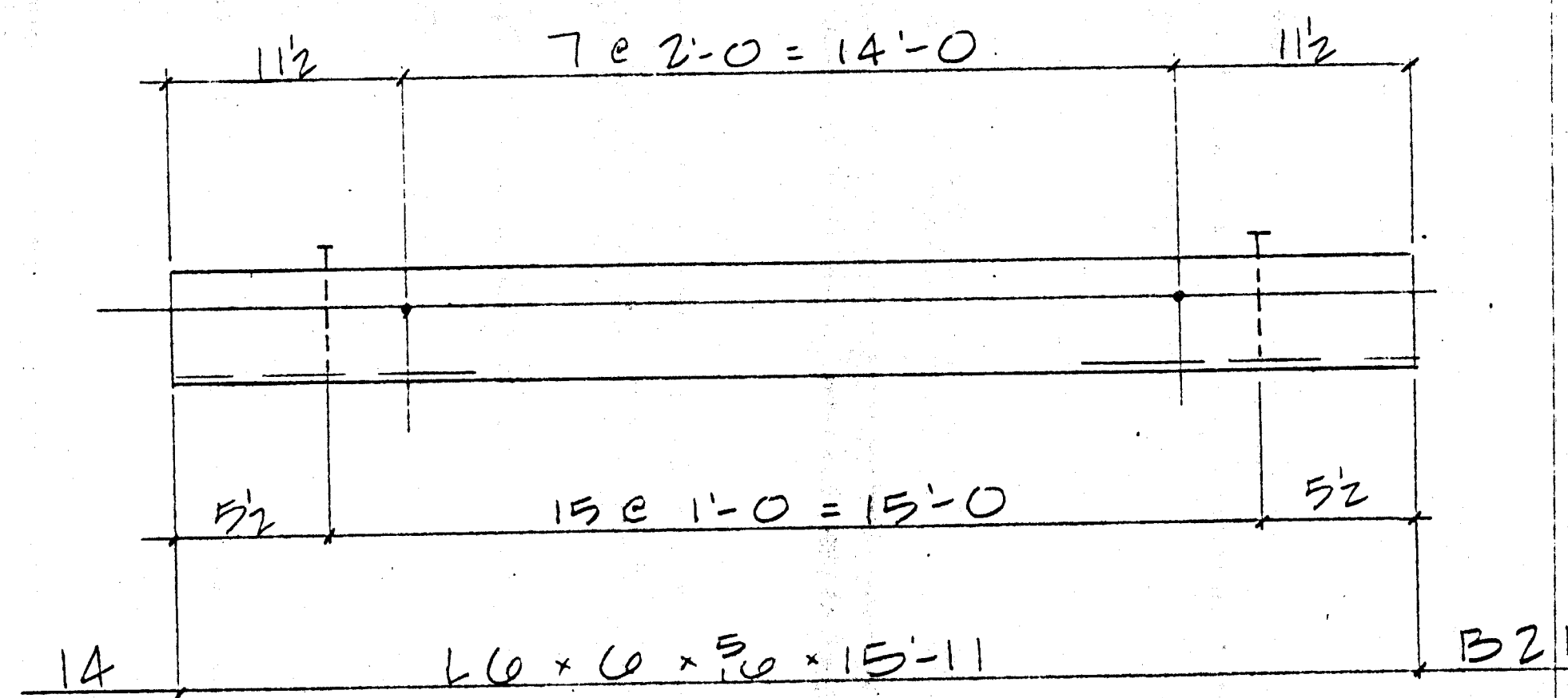
CUSTOMER	TURNER CONST	REV.	
PROJECT		DATE	
LOCATION	STOCKTON, CA	APPROVAL	
EAST STAIRS LAYOUT		OFFICE	
GARAGE		SHOP	
		FIELD	
		CUSTOMER	

DRAWN BY	<i>SRW</i>	DATE	4-7-00	JOB NO.		DRAWING	REV
CHECKED BY		DATE					
APPROVED BY		DATE					

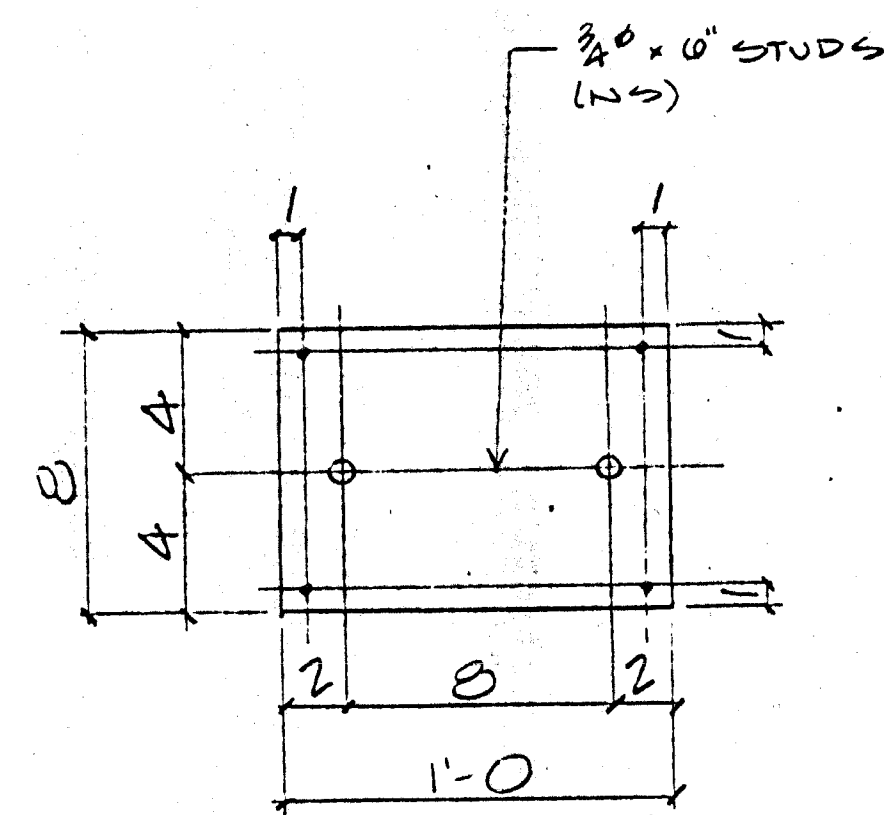




10 ~ 1" x 10 AB ~ A21



A ~ FB 100A x 10 ~ 1'-4 ~ ST21



A8 ~ FB 3/4 x 8 ~ 1'-0 ~ C21

Approved  
 Approved as shown  
 Revises and Resubmitted  
 Rejected

Fabrication / installation may be subject to change. Approval does not authorize changes to the Contract Sum or Contract time.  
 Fabrication / installation MAY NOT be undertaken in resubmitting, limit corrections to items marked.

Review is only for general conformance with the design concept in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions, fabrication practices, and technique of construction. Coordination of his work with that of all other trades, and satisfactory performance of his work.  
 Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

ENGLISH HARPER RETA  
 APR 21 2000

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 APR 14 2000  
 TURNER CONSTRUCTION CO.

RECEIVED  
 APR 20 2000  
 STRUCTURAL ENGINEERS, INC.

Referred to General Contractor with the General Contractor's approval. This is not a structural engineering stamp. The contractor is responsible for the accuracy of the drawings. The contractor is responsible for the accuracy of the drawings. The contractor is responsible for the accuracy of the drawings.

TURNER CONSTRUCTION CO.  
 SLD-04  
 APR 21 2000

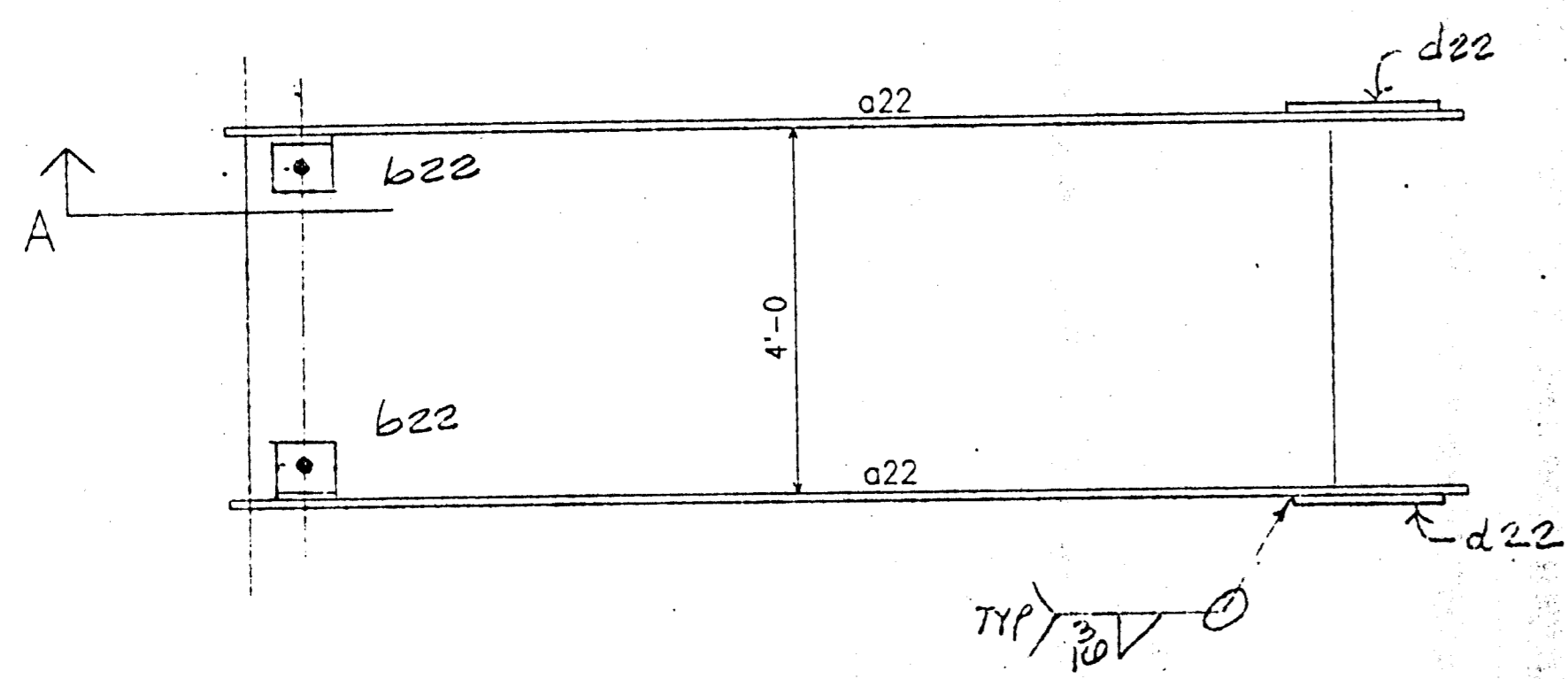
REGISTERED PROFESSIONAL ENGINEER  
 COLIN SHAW  
 No. 28249  
 CIVIL EXP. 3-31-00  
 STATE OF CALIFORNIA

BILL OF MATERIAL						
SHIP MARK	PC MARK	QUAN.	LENGTH		REMARKS	AISC WTS.
			FT.	IN.		
A21	10	1	4		SHIPPED	
A21	10	2	4		NUTS EA	
B21	12	15	11			CL
B21	112	0	8			
C21	48	1	4			T
C21	90	0	8			
ST21	4	1	4		SHIPPED	T
TOTAL WEIGHT						
OPEN HOLES $\frac{3}{16}$ UNLESS OTHERWISE NOTED						
MIN. EDGE DISTANCE AN UNLESS OTHERWISE NOTED						
SHOP PAINT NONE						
REVISIONS						
NO.	DESCRIPTION		DATE	APPROVED		
COFAB STEEL CORP. VALLEJO, CA						
CUSTOMER TURNER CONST				REV		
PROJECT				DATE		
LOCATION				APPROVAL		
GARAGE STAIRS				SHOP		
EMBEDS				FIELD		
DRAWN BY RB				DATE 3-00		
CHECKED BY RM				DATE		
APPROVED BY				DATE		
JOB NO. 905				DRAWING REV. D21		

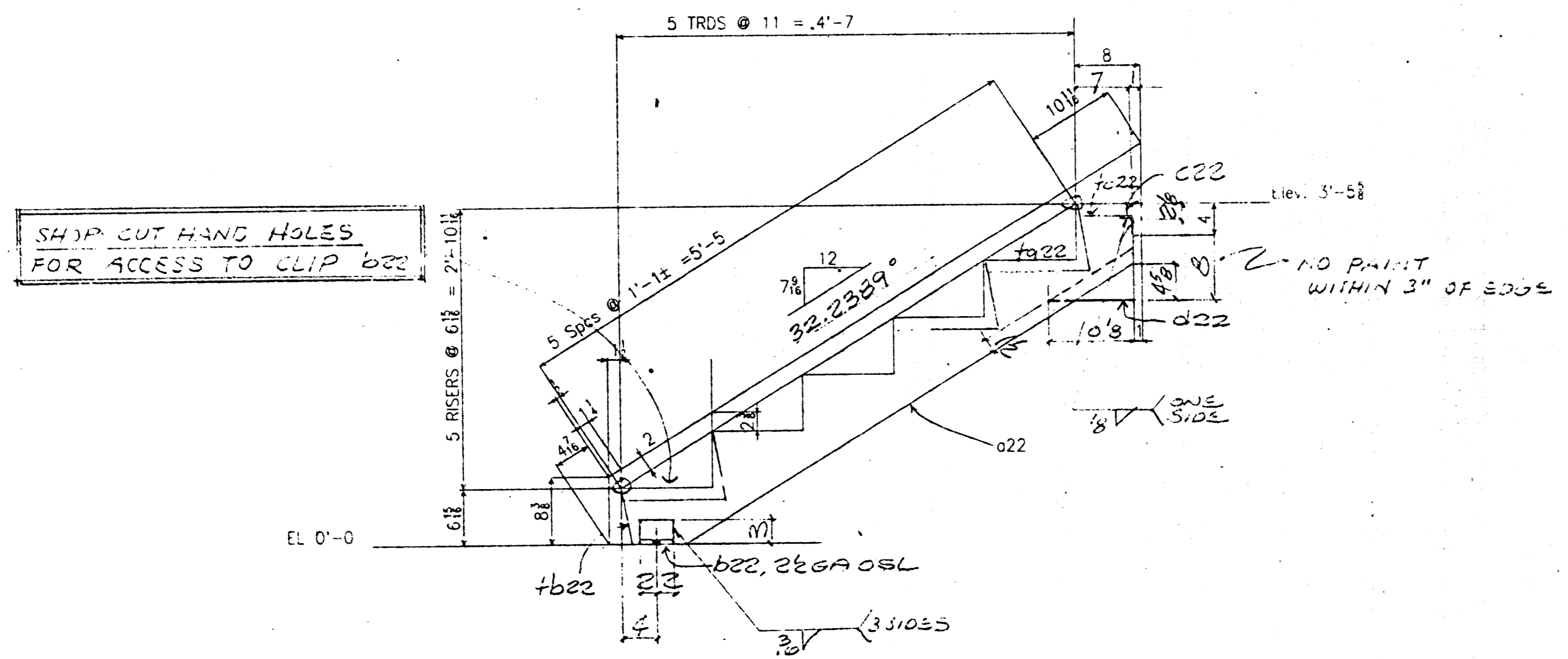
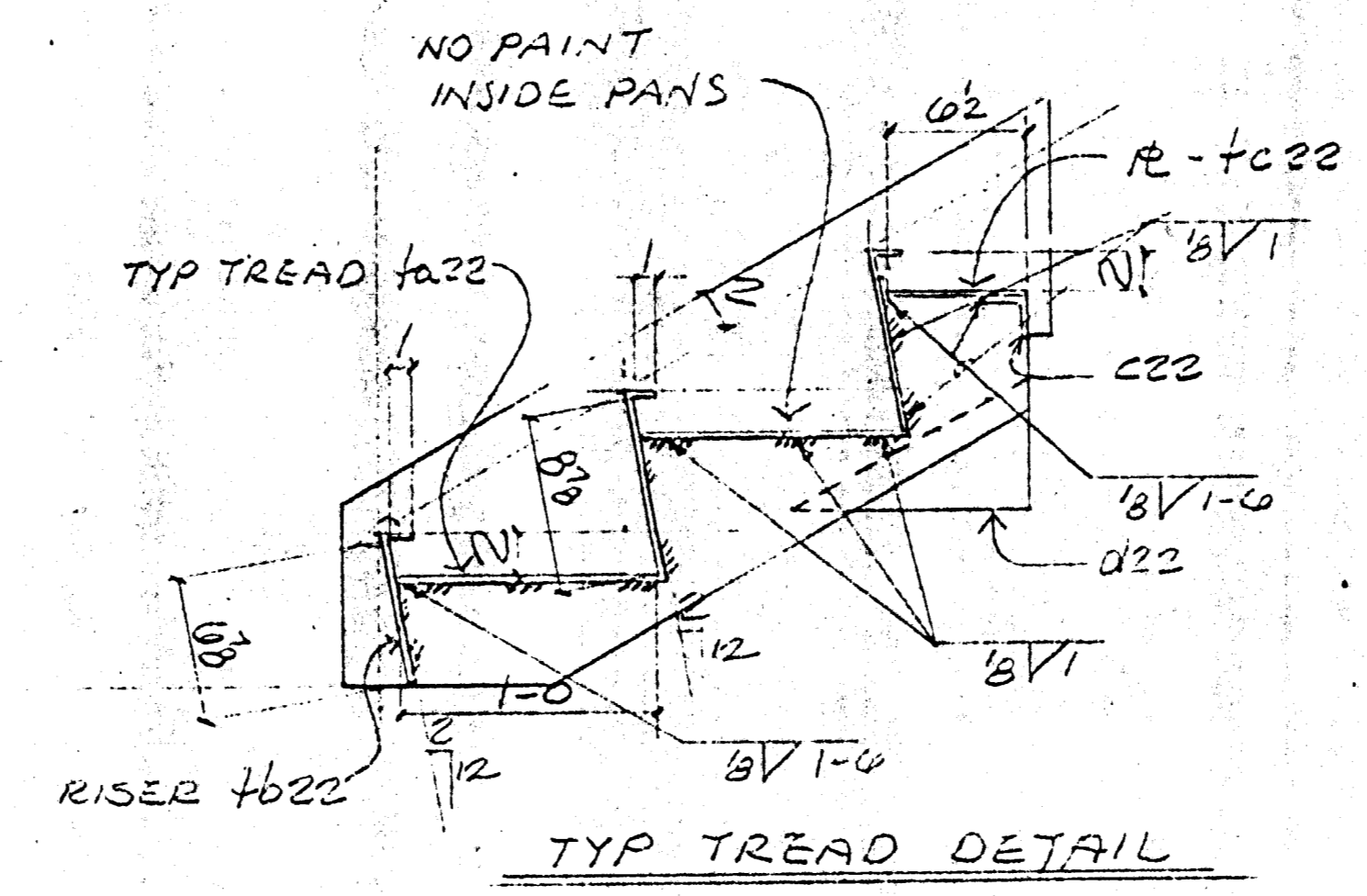


BILL OF MATERIAL

FIELD MARK	SHOP MARK	NO. PCS	SECTION	LENGTH	REMARKS	WT
A22		2	Stairs			
	a22	4	R 3/8 x 12"	6'-8 3/8"		T
	b22	4	L 4 x 3 x 1/4	0-4		T
	c22	2	L 1/2 x 1/2 x 7/8	4-0		CL
	t22	10	R 1/2 x 2 1/2	4-0	BENT	CL
	tb22	2	R 1/2 x 7/8	4-0	BENT	CL
	tc22	2	R 1/2 x 6 1/2	4-0		CL
	d22	4	R 3/8 x 6 3/8	0-10 1/8		T



2 - STAIRS - A22



SECTION A

Approved  
 Approved as corrected  
 Revise and Resubmit  
 Rejected

Fabrication / installation may be undertaken. Approval does not authorize changes to the Contract Sum or Contract time.  
 Fabrication / installation MAY NOT be undertaken in re-submitting, limit corrections to items marked.

Review is only for general conformance with the design concept in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions, coordination of his work with that of all other trades, and satisfactory performance of his work.  
 Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

ENGLISH HARPER RETA  
 ARCHITECTS  
 By: *RM* Date: APR 21 2000

RECEIVED  
 APR 14 2000  
 TURNER CONSTRUCTION CO.

Approved to Proceed (conformance with the General Requirements) for work shown on this drawing. The contractor shall be responsible for the accuracy of the contract. The contractor shall ensure that all work is done in accordance with the contract documents.

Submitted by: *RM*  
 Date: *4-13-00*  
 For: *RM*

- WP Dimensions
- 1 1'-1"
  - 2 2'-2"
  - 3 3'-3"
  - 4 4'-4"

RECEIVED  
 APR 20 2000  
 STRUCTURAL ENGINEERS, INC.



CLEANING PAINT	STD SHOP PRIMER
OPEN HOLES	NONE
MIN EDGE DISTANCE:	n/a

REV. No.	DATE	BY	DESCRIPTION

**COFAB STEEL CORP.**  
 1667 MARINE WORLD PARKWAY  
 VALLEJO, CA 94589  
 (707) 552-6333

PROJECT	ESSENTIAL SERVICES BUILDING	CUSTOMER	TURNER CONSTRUCTION
DESCRIPTION	GARAGE STAIRS	DWN. BY	R O B
		DATE	3/20/00
		CHK'D BY	RM
		DATE	
		JOB NO.	965
		DWG. NO.	D22





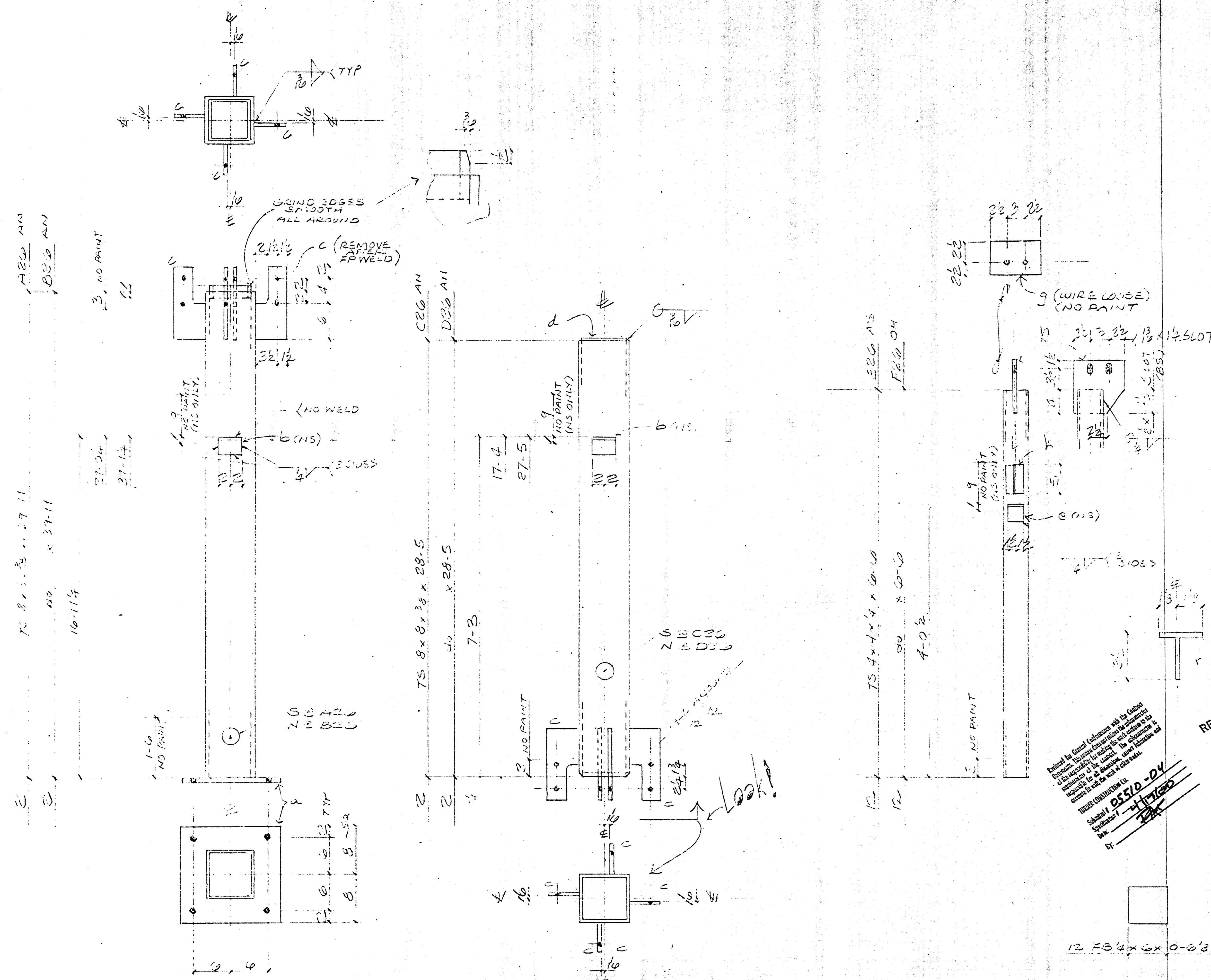












Approved  
 Approved as corrected  
 Revise and Resubmit  
 Rejected

Fabrication / installation may be undertaken. Approval does not authorize changes to the Contract Sum or Contract Time.  
 Fabrication / installation MAY NOT be undertaken, in resubmitting, limit corrections to items marked.

Review is only for general conformance with the design concept in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions, fabrication, erection and activities at the job site, coordination of this work with that of all other trades, and satisfactory performance of this work.  
 Reviewer / approved method, defines nor alters any contractual obligations of the Product or Contractor.

ENGLISH HARPER RETA  
 By: [Signature] Date: APR 21 2000

RECEIVED  
 APR 20 2000  
 BULFINCH & BULFINCH  
 STRUCTURAL ENGINEERS, INC.

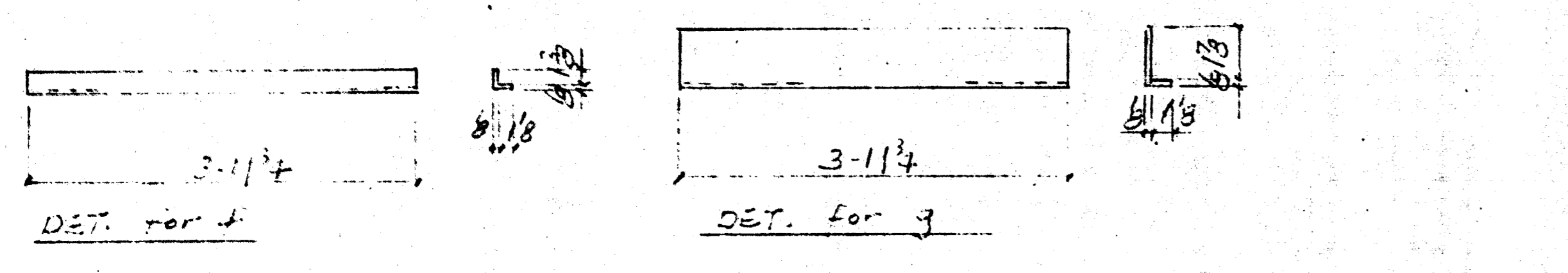
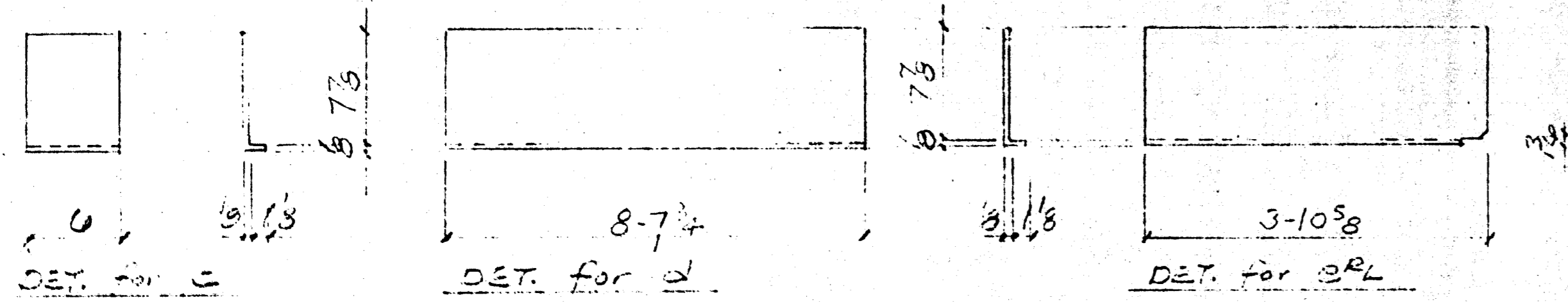
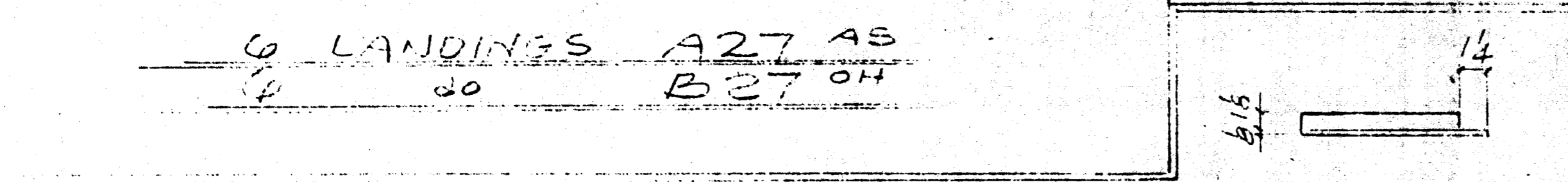
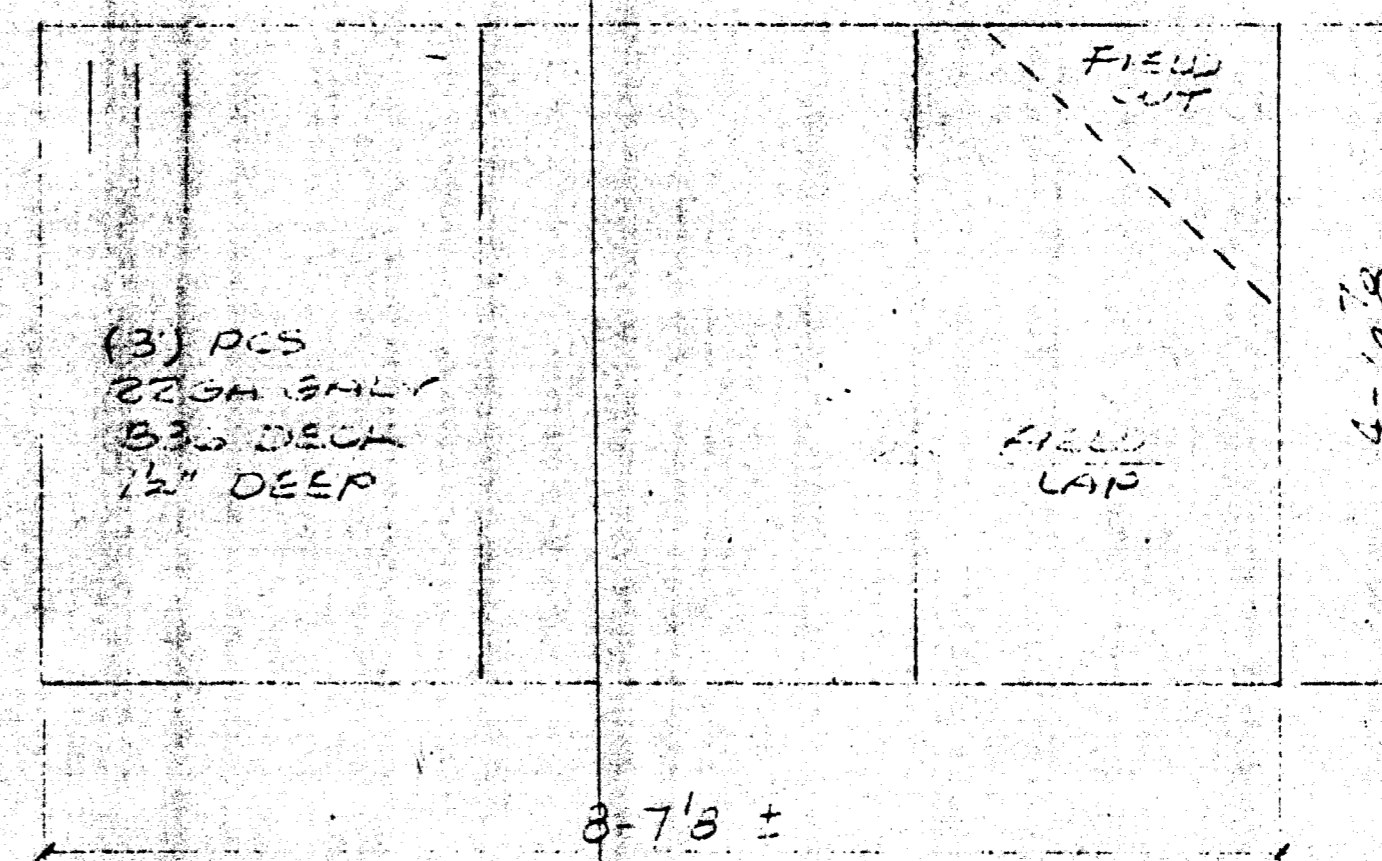
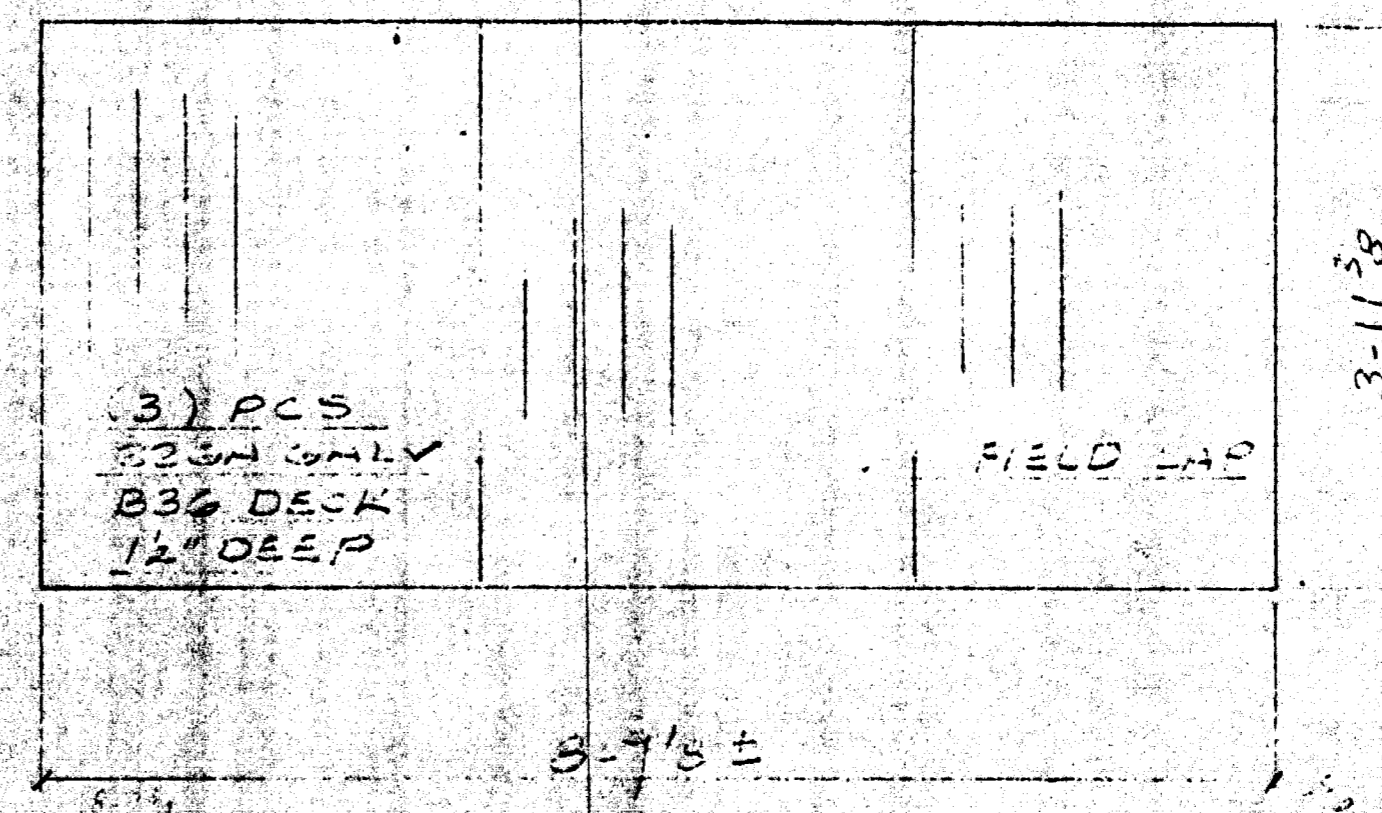
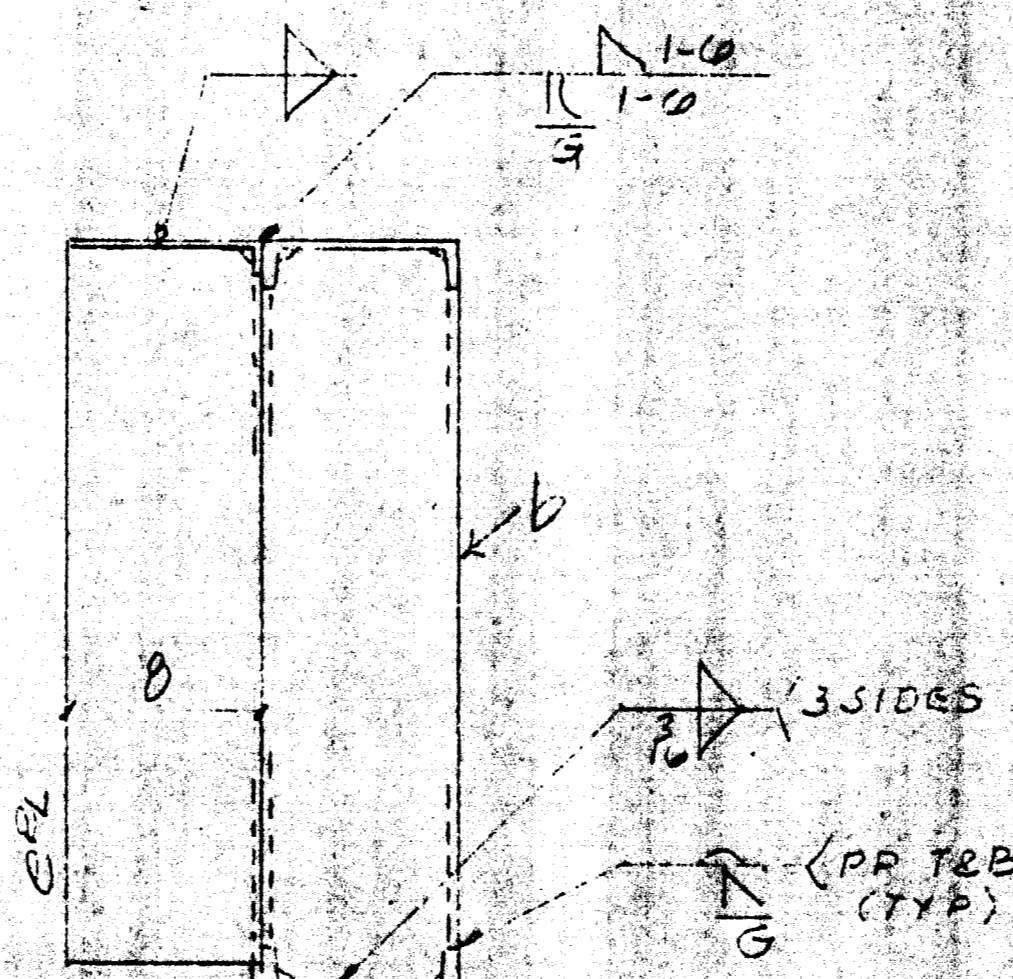
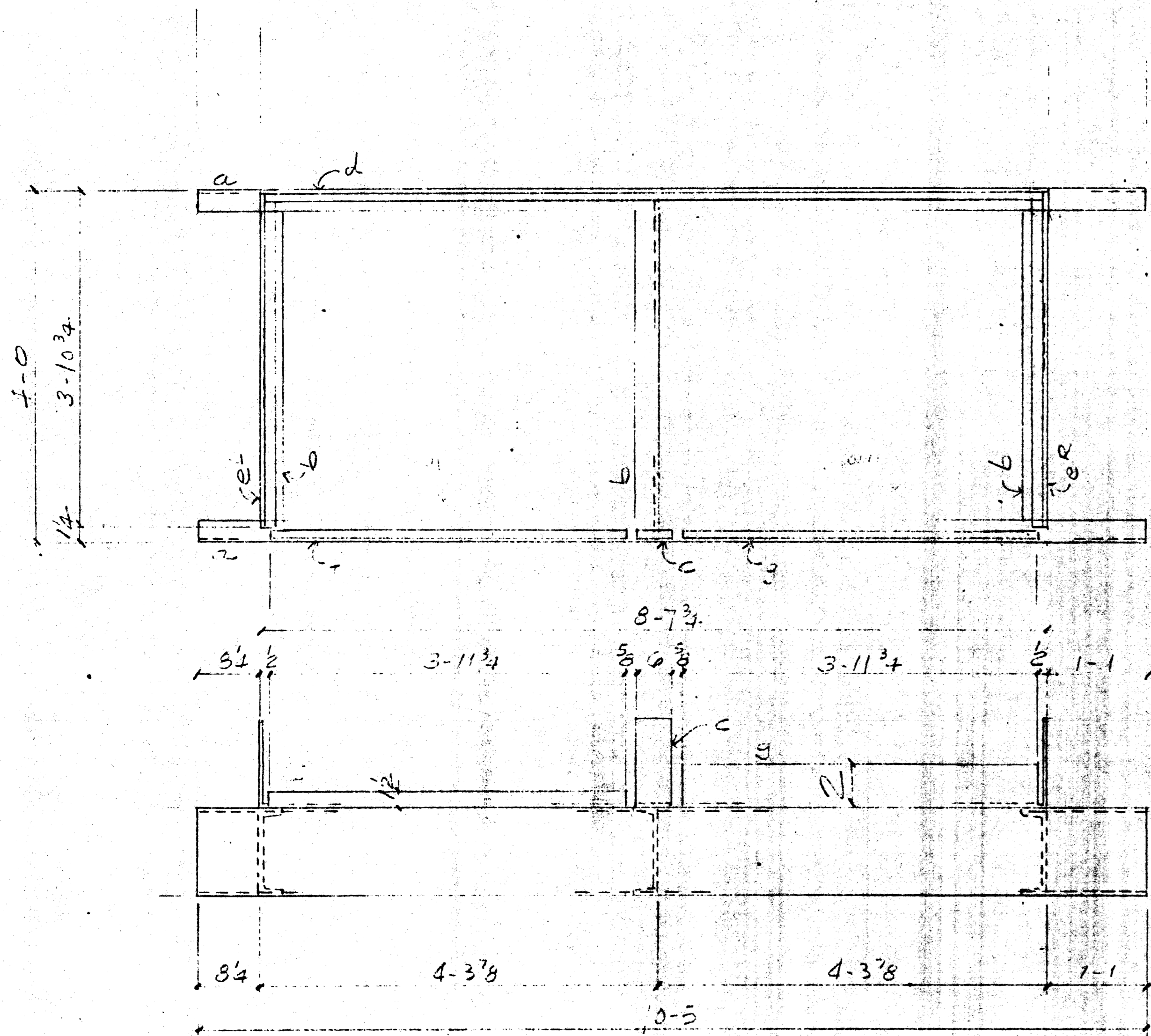
RECEIVED  
 APR 14 2000  
 TURNER CONSTRUCTION CO.

REGISTERED PROFESSIONAL ENGINEER  
 COLIN SHAW  
 No. 28249  
 CIVIL EXP. 3-31-97  
 STATE OF CALIFORNIA

Intended for General Contractors with the General Contractor's responsibility for the construction of the structure. The contractor is responsible for the accuracy of the drawings, work, fabrication and erection to suit the work of the trade.  
 TURNER CONSTRUCTION CO.  
 Subcontractor: 05510-DV  
 Date: 4/14/00  
 By: [Signature]

BILL OF MATERIAL						
SHIP MARK	PC. MARK	QUAN.	DESCRIPTION	LENGTH		REMARKS
				FT.	IN.	
A20		2	TS 8x8x38	39	11	CL
B20		2		39	11	CL
C20		2		28	5	CL
D20		2		28	5	CL
a		4	R 3/4 x 1/2	1	4	T
b		24	L 3 x 3 x 3	0	4	CL
c		32	R 3/4 x 3	1	0	T
d		4	R 1/4 x 1 1/2	0	1 1/2	T
E20		12	TS 4x4x4	0	0	CL
F20		12	DO	0	0	CL
e		24	L 3 x 3 x 3	0	3	CL
f		24	R 3/4 x 3	0	8	T
g		24	R 3/4 x 3	0	4	T
h		24	R 1/4 x 1 1/2	0	1 1/2	T
i		12	R 3/4 x 3	0	6 3/8	T
FIELD BOLTS						
FB		35	3/4 A307	0	2	
FB		20	3/4 A307	0	5 1/2	
TOTAL WEIGHT						
OPEN HOLES 13.5 UNLESS OTHERWISE NOTED						
MIN EDGE DISTANCE 1.2 UNLESS OTHERWISE NOTED						
SHOP PAINT OSL STD SHOP PRIMER						
REVISIONS						
NO.	DESCRIPTION		DATE		APPROVED	
<b>COFAB STEEL CORP.</b> VALLEJO, CA						
CUSTOMER TURNER CONST			REV			
PROJECT			DATE			
LOCATION			OFFICE			
			SHOP			
			FIELD			
			CUSTOMER			
COLUMNS						
DRAWN BY	DATE	3-20-00	JOB NO.	DRAWING	REV.	
CHECKED BY	DATE		965	D20		
APPROVED BY	DATE					





SUB PARTS

BILL OF MATERIAL						
SHIP MARK	PC MARK	QUAN.	DESCRIPTION	LENGTH FT. IN.	REMARKS	AISC WTS.
A27	0	0	LANDINGS			
B27	0	0	do			
a	24	24	C8x11.5	10 5		CL
b	36	36	do	3 11 1/2		CL
c	12	12	R126x9	3 9	BENT	T
d	12	12	R126x9	3 7 3/4		CL
e	12	12	R126x9	3 10 3/8		CL
f	12	12	R126x9	3 11 3/4		CL
g	12	12	R126x9	3 11 3/4		CL
TOTAL WEIGHT						
OK1	36	36	PANELS	3 11 3/8		
OK2	0	0	do	4 6 3/8		
			36\"/>			
TOTAL WEIGHT						
OPEN HOLES - UNLESS OTHERWISE NOTED						
MIN. EDGE DISTANCE - UNLESS OTHERWISE NOTED						
SHOP PAINT - OSL STD PRIMER						
REVISIONS						
NO.	DESCRIPTION		DATE	APP'D		
<b>COFAB STEEL CORP.</b> VALLEJO, CA						
CUSTOMER: TURNER LANST			REV:			
PROJECT:			DATE:			
LOCATION:			APPROVAL:			
STAIR LANDINGS			OFFICE:			
			SHOP:			
			FIELD:			
			CUSTOMER:			
DRAWN BY	DATE	JOB NO.	DRAWING	REV.		
CHECKED BY RM	DATE	905	D27			
APPROVED BY	DATE					

RECEIVED  
APR 14 2000  
TURNER CONSTRUCTION CO.

Approved for General Contractor with the intent to proceed. Reviewer is not responsible for the accuracy of the information provided. It is the responsibility of the contractor to verify the information and to ensure that it is accurate and complete.

TURNER CONSTRUCTION CO.  
Submittal 05510-04  
4-17-00  
Date: APR 21 2000

REGISTERED PROFESSIONAL ENGINEER  
COLIN SPAIN  
No. 28249  
4-17-00  
STATE OF CALIFORNIA

RECEIVED  
APR 20 2000  
STRUCTURAL ENGINEERS, INC.

ENGLISH HARPER RETA  
ARCHITECTS  
Date: APR 21 2000







All railing connections should be welded all around & ground smooth. End caps should be permanently attached for hand resistance (V.P.)  
 TAKE 4 @ 1100

**BILL OF MATERIAL**

SHIP MARK	PC MARK	QUAN.	DESCRIPTION	LENGTH		REMARKS	AISC WTS.
				FT.	IN.		
A29		1	RAIL				
B29		1	RAIL				
a		4	1 1/2 x 12 x 110	4	4 1/2		
b		2		3	10 1/8		
c		2		3	3 1/2		
d		2		3	4 1/2		
e		2		2	11 3/4		
f		2		5	4 1/8		
g		2		2	9 1/2		
h		2		3	0 1/2		
k		4		2	7 1/2		
m		2		3	3 3/4		
n		50	1/2 SD BAR	2	8		
p		24	30	2	0 1/2		
s		4	FB 4 x 1	0	2		
TL		3	3/4 x 1/2 x 12	0	5 1/2		
VL		1	1/2 x 1/2 x 110	0	0 1/2		
CAP 2 TYPE H							
CAP 12 TYPE F							

Approved  
 Approved as submitted  
 Revise and Resubmit  
 Rejected

Fabrication / installation may be undertaken. Approval does not authorize changes to the Contract Sum or Contract time.

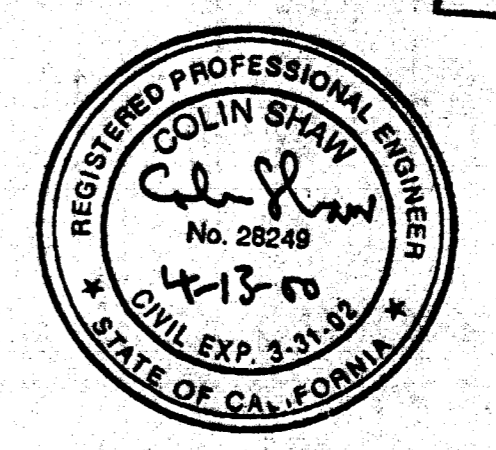
Fabrication / installation MAY NOT be undertaken in resubmitting, limit corrections to items marked.

Review is only for general conformance with the design intent in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of this work with that of all other trades; and satisfactory performance of this work.

Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

ENGLISH HARPER RETA  
 by Ben Date: APR 21 2000

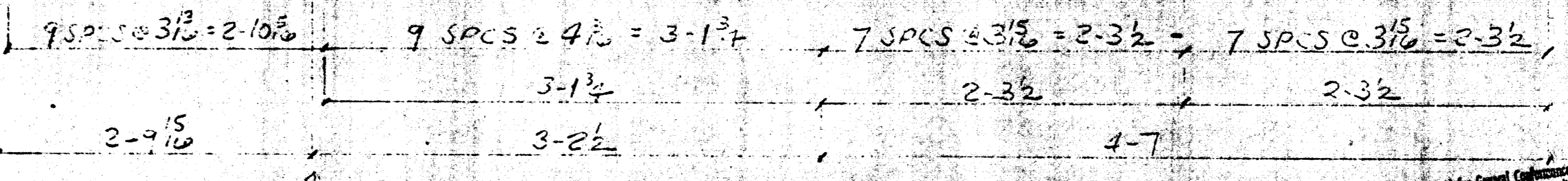
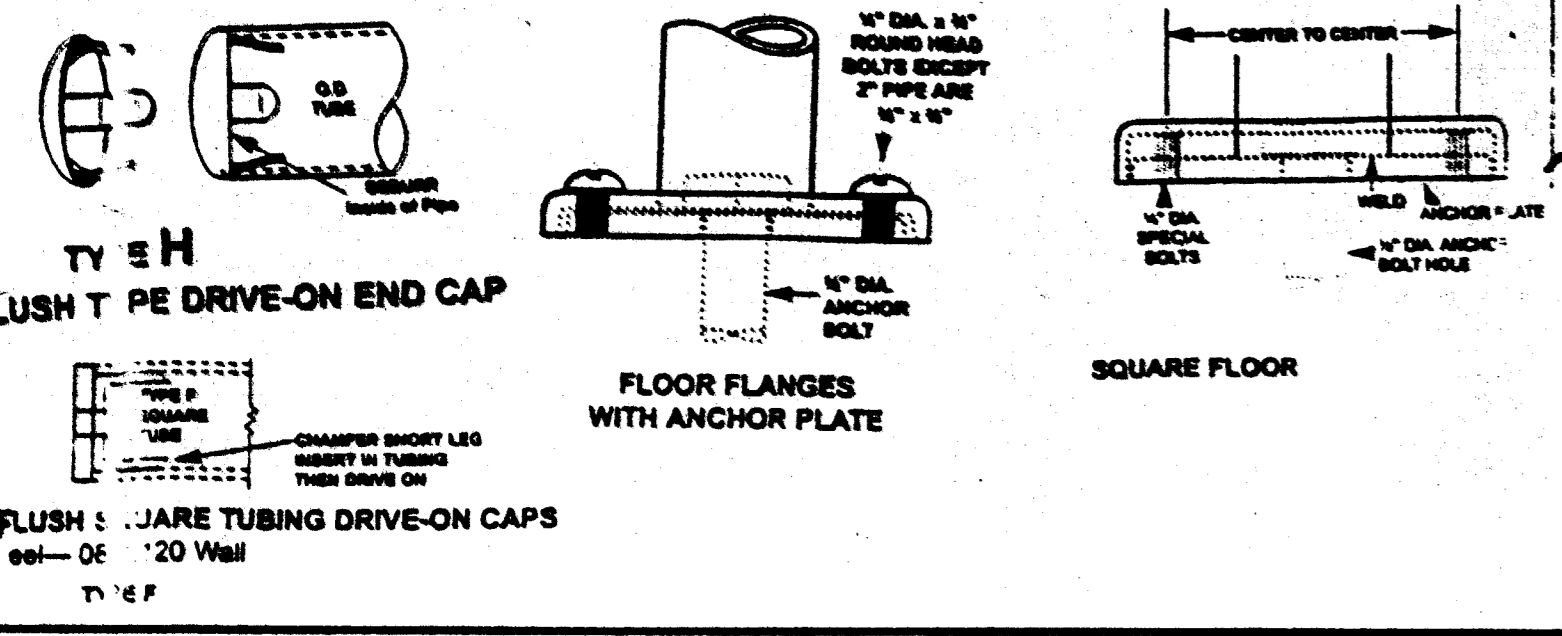
RECEIVED  
 APR 20 2000  
 STRUCTURAL ENGINEERING



RECEIVED  
 APR 14 2000  
 TURNER CONST  
 TURNER CONSTRUCTION CO.

General for General Contractors with the Contract Documents. This review does not relieve the contractor of its responsibility for verifying the work conforms to the requirements of the contract. The subcontractor is responsible for all dimensions, correct installation and accuracy of work of other trades.

TURNER CONSTRUCTION CO.  
 5510-04  
 4/17/00  
 [Signature]



ONE RAIL A29 AS  
 ONE RAIL B29 OF

TOTAL WEIGHT

OPEN HOLES NONE UNLESS OTHERWISE NOTED

MIN. EDGE DISTANCE UNLESS OTHERWISE NOTED

SHOP PAINT OSC

REVISIONS

NO.	DESCRIPTION	DATE	APP'D

**COFAB STEEL CORP.**  
 VALLEJO, CA

CUSTOMER	PROJECT	LOCATION	REV.	DATE
TURNER CONST				

RAILING

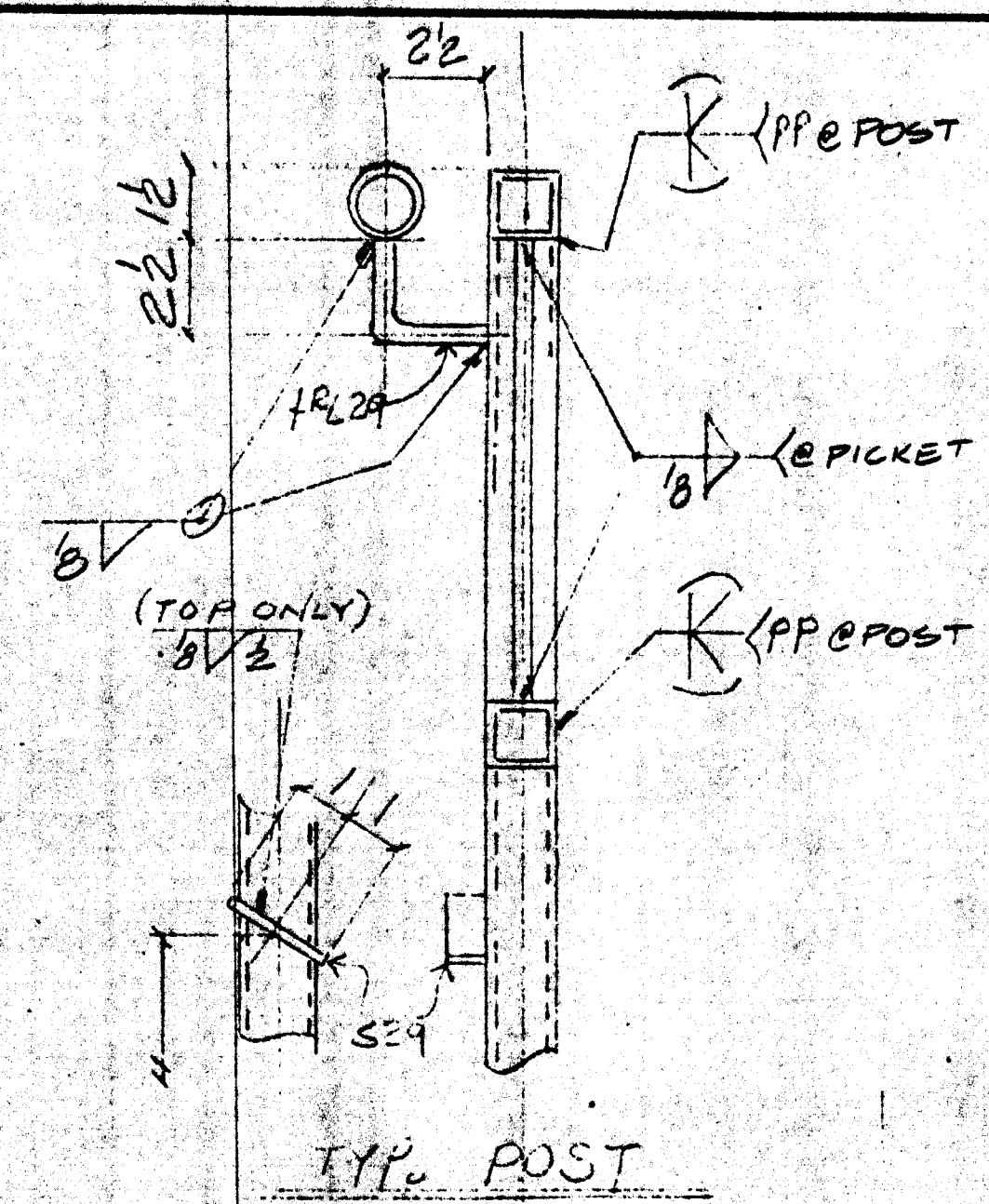
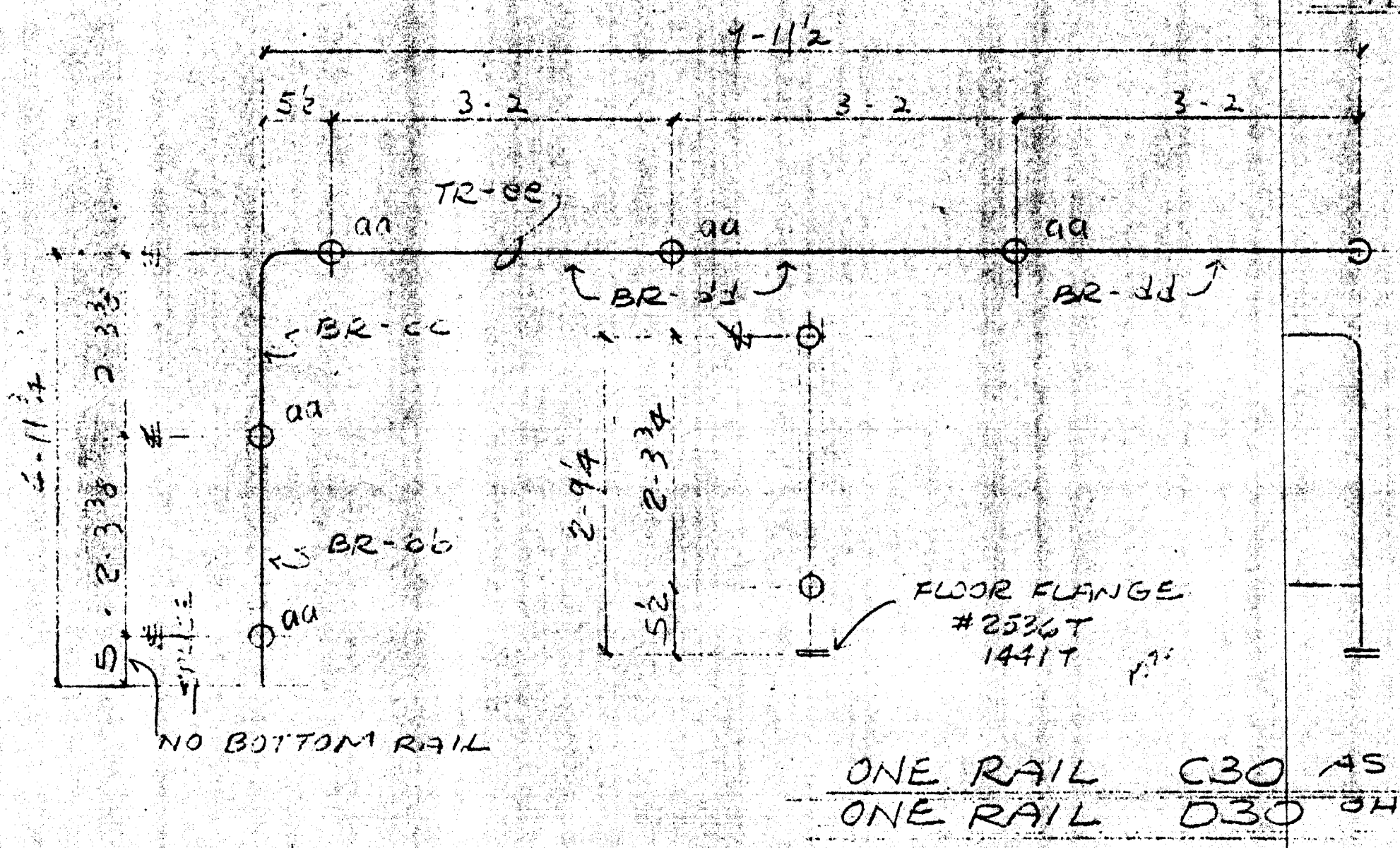
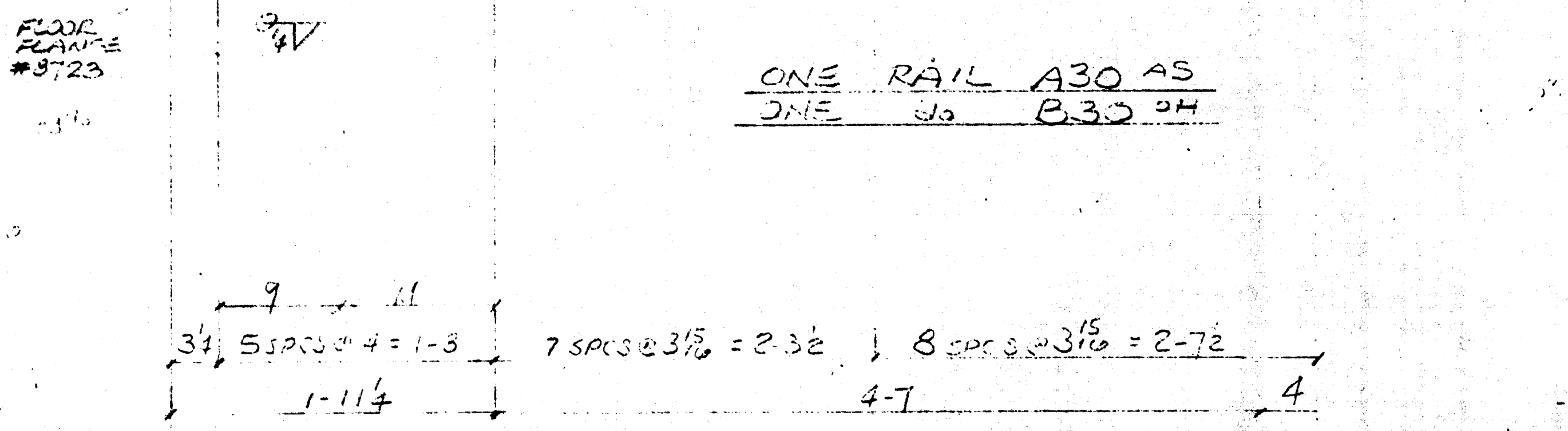
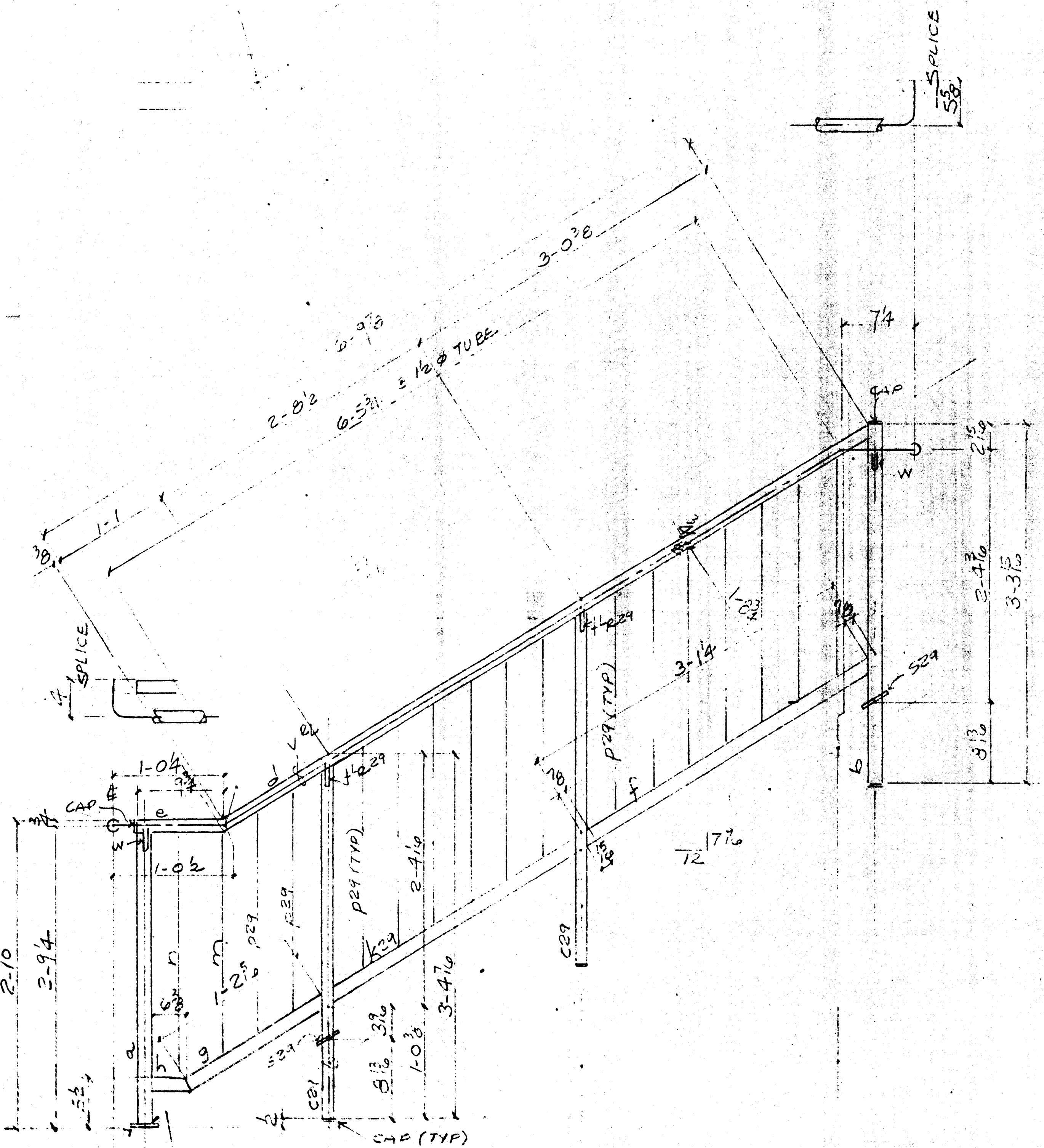
APPROVAL	OFFICE	SHOP	FIELD	CUSTOMER

DRAWN BY	DATE	JOB NO.	DRAWING REV.

CHECKED BY	DATE	965	529

APPROVED BY	DATE





Approved  
 Approved as corrected  
 Revised and Resubmitted  
 Rejected

Fabrication / installation may be undertaken. Approval does not authorize changes to the Contract Sum or Contract time.

Fabrication / installation MAY NOT be undertaken in resubmitting. Limit corrections to Norms method.

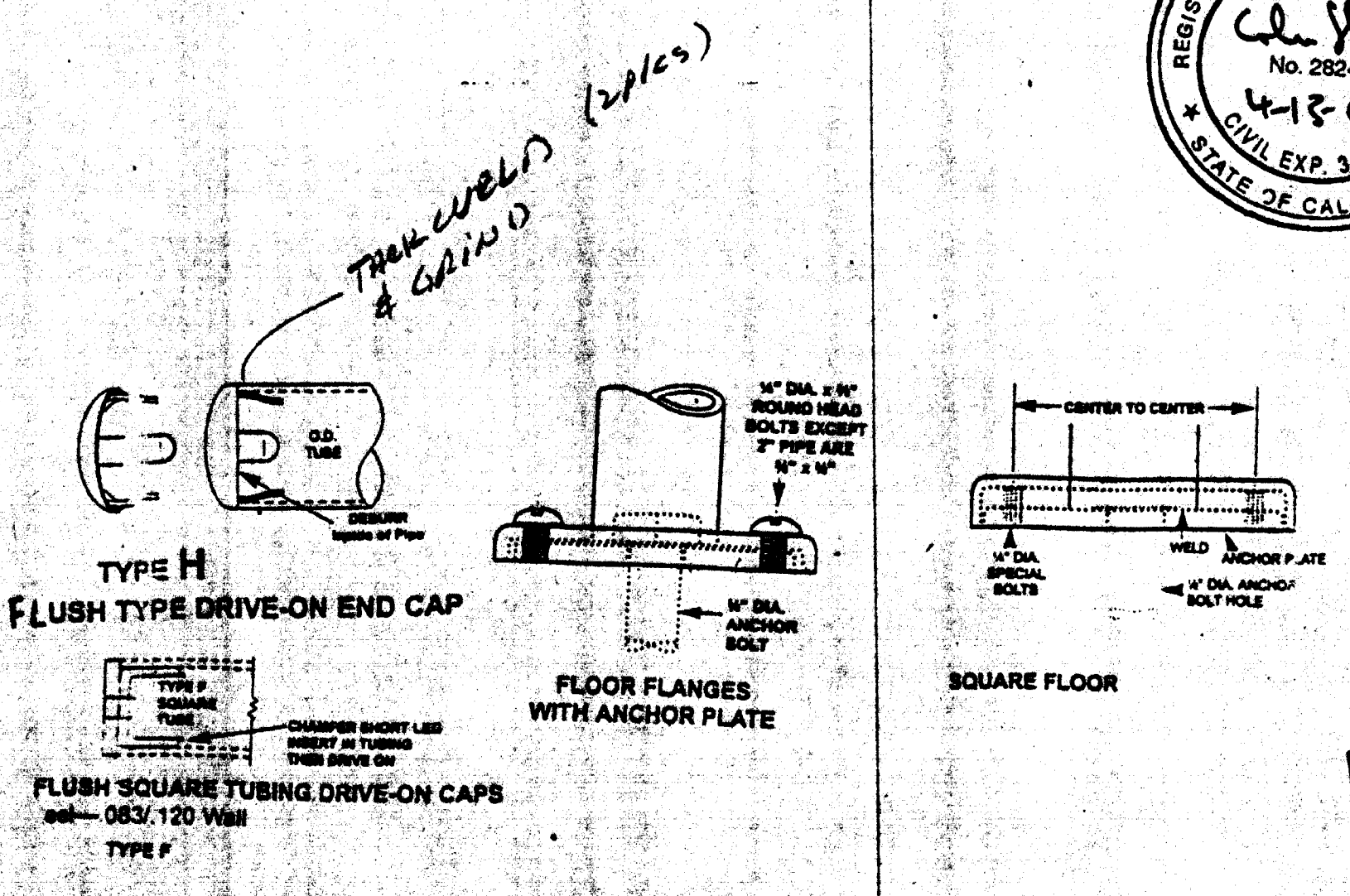
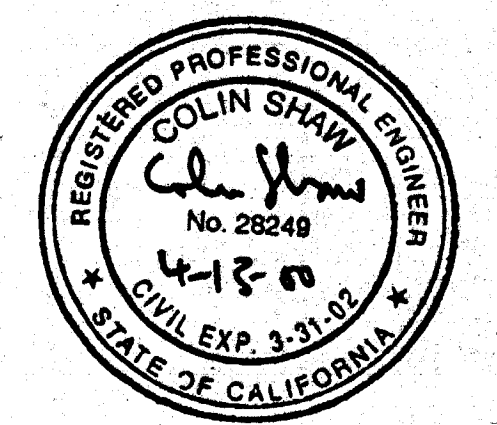
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Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

ENGLISH HARPER RETA  
 By: *Ben* Date: APR 21 2000

RECEIVED  
 APR 14 2000  
 TURNER CONSTRUCTION CO.  
 Returned for General Contractors with the Contract Documents. We reserve the right to return the Contract Documents if the contractor does not return the work within the time specified in the contract. The contractor is responsible for all damages, and installation and accuracy in all work of value.

TURNER CONSTRUCTION CO.  
 Schedule 1  
 Specification 1  
 Date: *4/14/00*  
 By: *4/14/00*



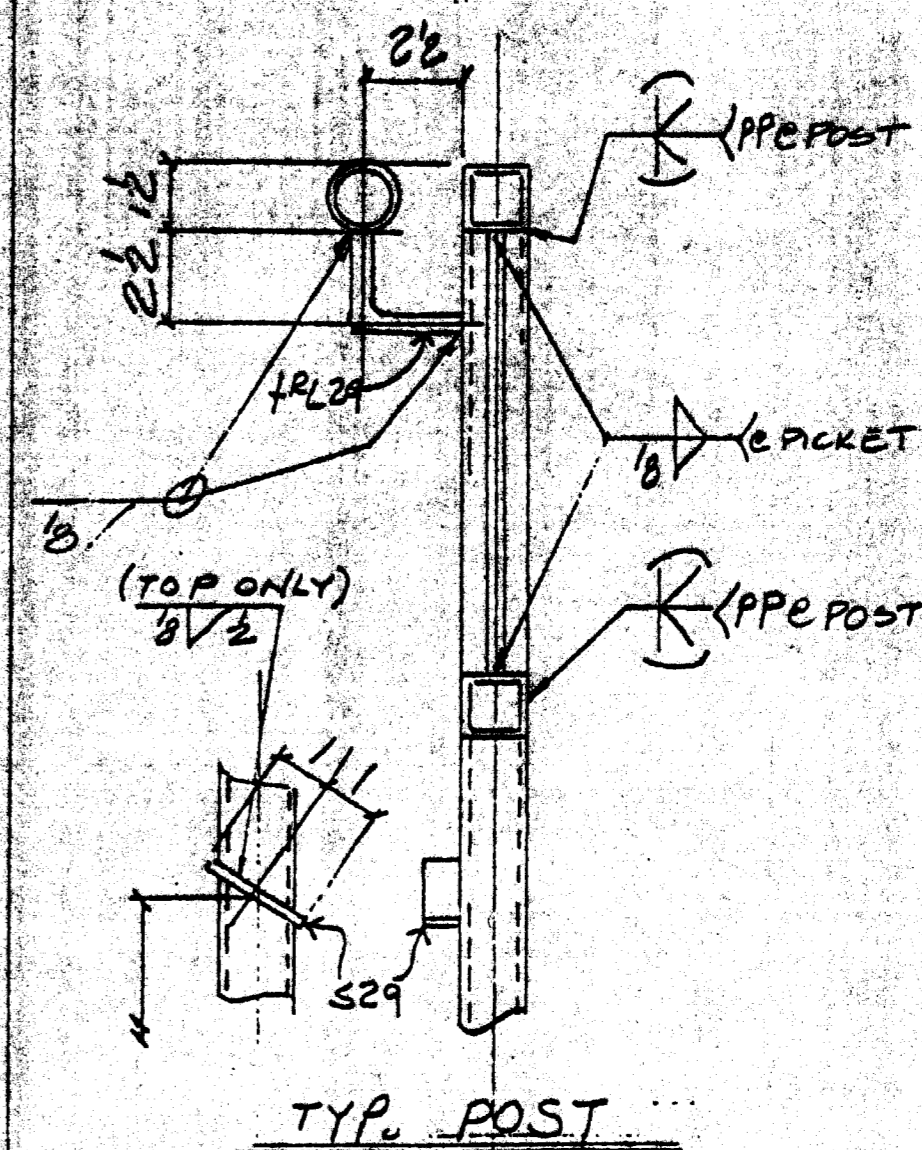
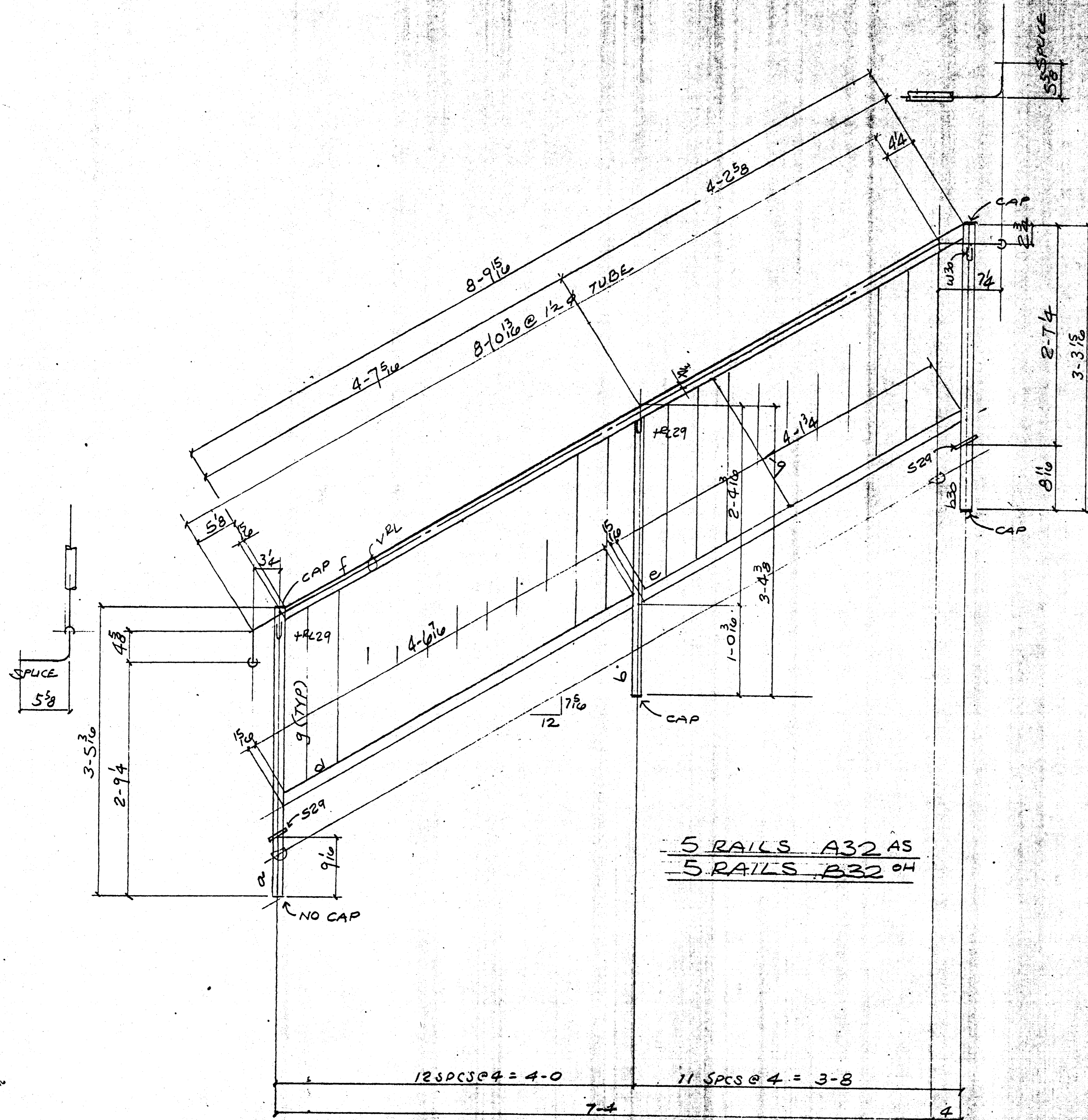
BILL OF MATERIAL						
SHIP MARK	PC. MARK	QUAN.	DESCRIPTION	LENGTH		REMARKS
				FT.	IN.	
A30		1	RAIL			
B30		1	JO			
a	2		TS 1 1/2 x 1 1/2 x 11 G	2	8 1/2	
b	2			3	3 3/8	
c29	4			3	3 3/8	
d	2			6	10 1/4	
e	2			0	9 1/2	
f	2			3	0 7/8	
g	2			1	2 1/8	
h	2			0	6 3/4	
k29	2			2	7 1/8	
m	2		1 1/2 x 3/8 x 2	2	3 3/4	
n	2			2	3	
p29	30			2	0 1/2	
r29	4		5/8 x 4 x 1	0	2	
s29	2		5/8 x 4 x 4	0	5 3/4	
w	4		JO	0	5	
v2	1		1 1/2 x 2 x 6 x 11 G	9	6 1/2	
CAP			TYPE H			
CAP			TYPE F			
FF			FLOOR FLG #2536T w/1441T			
C30			RAIL			
D30			JO			
aa	10		1 1/2 x 2 x 6 x 11 G	2	8 1/8	
bb	2			2	2 1/4	
cc	2			2	7 1/4	
dd	6			3	0 3/8	
ee	2			17	8 1/2	
ff	12		FLOOR FLG #2536T w/1441T			
FIELD BOLT						
FB	15		1/2 x 4 x 1 1/2 KB	0	5 1/2	
TOTAL WEIGHT						
OPEN HOLES NONE UNLESS OTHERWISE NOTED						
MIN. EDGE DISTANCE - UNLESS OTHERWISE NOTED						
SHOP PAINT OSC PRIMER						
REVISIONS						
NO.	DESCRIPTION		DATE	APPROVED		
<b>COFAB STEEL CORP.</b>						
VALLEJO, CA						
CUSTOMER TURNER CONST			REV.			
PROJECT			DATE			
LOCATION			APPROVAL			
			OFFICE			
			SHOP			
			FIELD			
			CUSTOMER			
DRAWN BY <i>M</i>			DATE 3-24	JOB NO.	DRAWING	REV.
CHECKED BY			DATE	965	030	
APPROVED BY			DATE			

RECEIVED  
 APR 20 2000  
 BUEHLER & GUNDEL  
 STRUCTURAL ENGINEERS, INC.

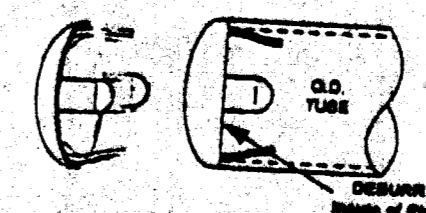








TYP. POST



TYPE H  
FLUSH TYPE DRIVE-ON END CAP

**FLUSH SQUARE TUBING DRIVE-ON CAPS**  
 TYPE #  Approved  Approved as corrected  Revise and Resubmit  Rejected

Fabrication / installation may be undertaken. Approval does not authorize changes to the Contract Sum or Contract time.

Fabrication / installation MAY NOT be undertaken, in resubmitting, limit corrections to items marked.

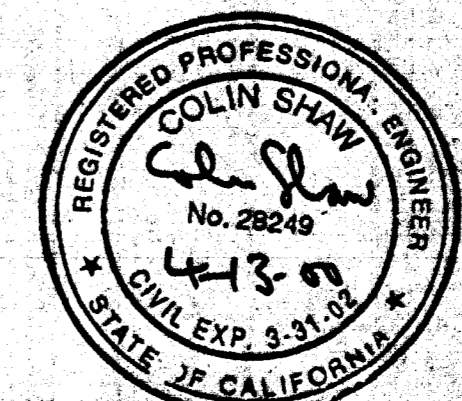
Review is only for general conformance with the design concept in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site. Fabrication processes and techniques of construction, satisfactory performance of his work, and coordination of his work with that of all other trades, and Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

ENGLISH HARPER RETA  
 By: *Ben* Date: APR 21 2000

RECEIVED  
 APR 14 2000  
 TURNER CONSTRUCTION CO.

Received for General Conformance with the Contract Documents. The reviewer will not be held responsible for the responsibility for making the work conform to the requirements of the contract. The contractor is responsible for all dimensions, correct installation and accuracy for each of the work of other trades.

TURNER CONSTRUCTION CO.  
 Submitted / Specified by: *CSS10.01*  
 Date: *4/13/00*



RECEIVED  
 APR 20 2000  
 STRUCTURAL ENGINEERS, INC.

BILL OF MATERIAL							
SHOP MARK	PC MARK	QUAN.	DESCRIPTION	LENGTH		REMARKS	ASC WTS.
				FT.	IN.		
A32		6	RAILS				
B32		0	RAILS				
a		12	TS 1 1/2 x 1 1/2 x 11 1/2	3	5 3/4		
b		12		3	3 1/2		
b30		12		3	3 3/8		
d		12		4	7 3/8		
c		12		4	2 1/2		
f		12		8	10 3/8		
g		252	250 BAR	2	0 7/8		
529		12	FB 1/4 x 1	0	2		
CAP 4B TYPE F <input type="checkbox"/>							
		12	29 1/2 BAR	0	5 3/4		
		10	d	0	5		
		1/2	1 1/2 TUBE x 11 1/2	11	6 1/2		
TOTAL WEIGHT							
OPEN HOLES UNLESS OTHERWISE NOTED							
MIN. EDGE DISTANCE UNLESS OTHERWISE NOTED							
SHOP PAINT OSC PRIMER							
REVISIONS							
NO.	DESCRIPTION		DATE		APPD.		
COFAB STEEL CORP. VALLEJO, CA							
CUSTOMER TURNER CONST		REV.					
PROJECT		DATE					
LOCATION		APPROVAL					
RAILING		OFFICE					
		SHOP					
		FIELD					
		CUSTOMER					
DRAWN BY <i>ML</i>	DATE 3-27-00	JOB NO.	DRAWING REV.				
CHECKED BY	DATE	965	D32				
APPROVED BY	DATE						





















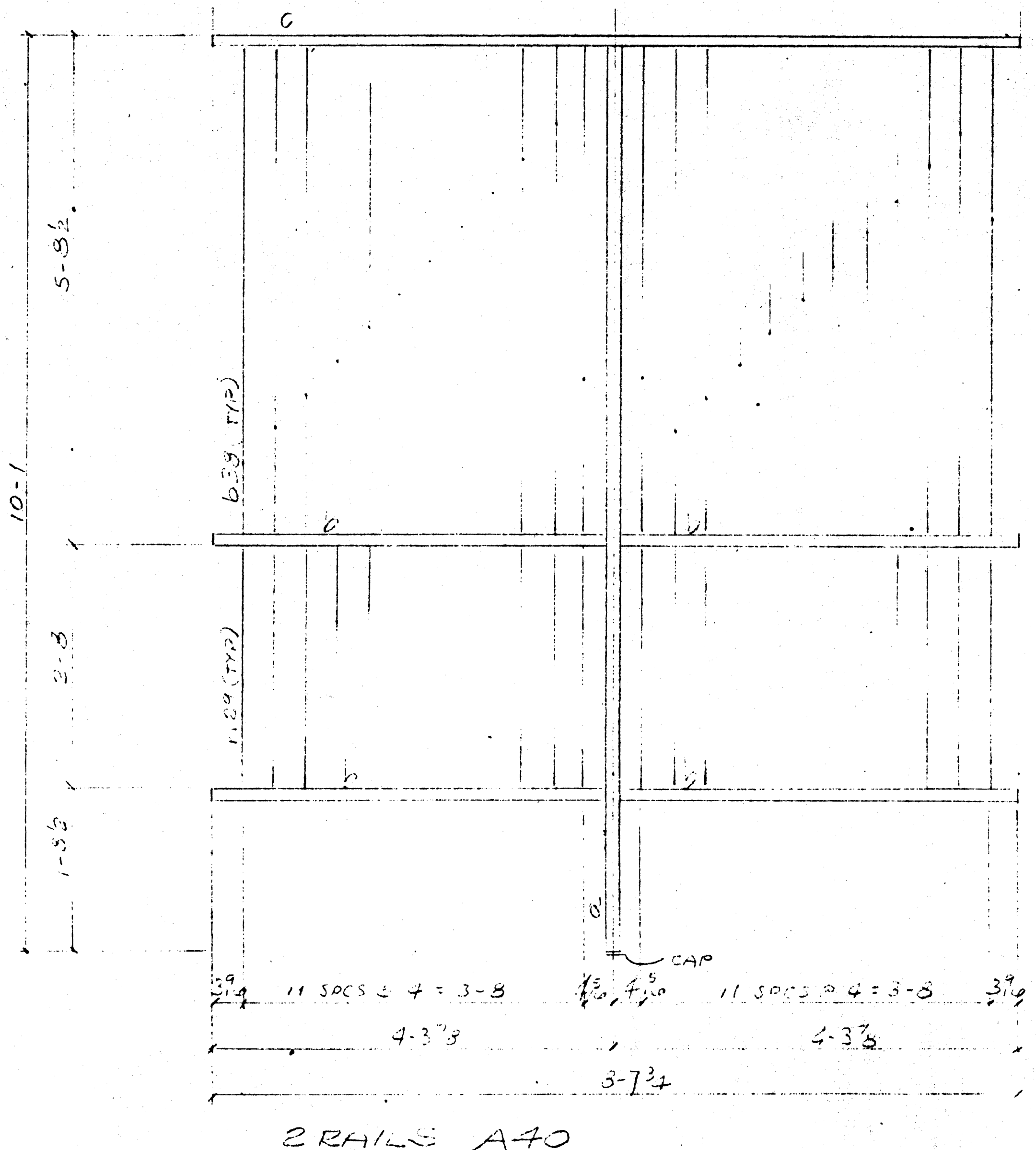












BILL OF MATERIAL

SHIP MARK	PC MARK	QUAN.	DESCRIPTION	LENGTH		REMARKS	AISC WTS.
				FT.	IN.		
A70		2	RAILS	9	1 1/2		
		8	DO	4	3/8		
		2	DO	8	7/8		
		48	6-3-8 BAR	3	8		
		48	DO	5	5/2		
		2	TYPES F				

Approved  
 Approved as corrected  
 Revise and Resubmit  
 Rejected

Fabrication / Installation may be undertaken. Approval does not authorize changes to the Contract Sum or Contract time.

Fabrication / Installation MAY NOT be undertaken in resubmitting, limit corrections to items marked.

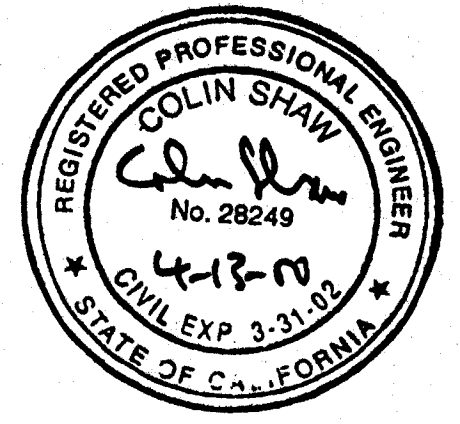
Review is only for general conformance with the design concept in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions, fabrication processes and techniques of construction, coordination of his work with that of all other trades, and satisfactory performance of his work. Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

ENGLISH HARPER RETA  
 ARCHITECTS  
 By: *Ben* Date: APR 21 2000

RECEIVED  
 APR 14 2000  
 TURNER CONSTRUCTION CO.

RECEIVED  
 AP  
 TURNER CONSTRUCTION CO.

Ordered for General Conformance with the Contract Documents. The reviewer does not release the contractor of his responsibility for making the work conform to the requirements of the contract. The subcontractor is responsible for all dimensions, correct fabrication and accurate fit with the rest of each trade.  
 TURNER CONSTRUCTION CO.  
 Submitted by: *CS*  
 Specified by: *CS*  
 Date: *4-13-00*



RECEIVED  
 APR 20 2000  
 RUEHLER & ASSOCIATES  
 STRUCTURAL ENGINEERS, INC.

TOTAL WEIGHT

OPEN HOLES: 0 UNLESS OTHERWISE NOTED  
 MIN. EDGE DISTANCE: UNLESS OTHERWISE NOTED  
 SHOP PAINT: OSC PRIMER

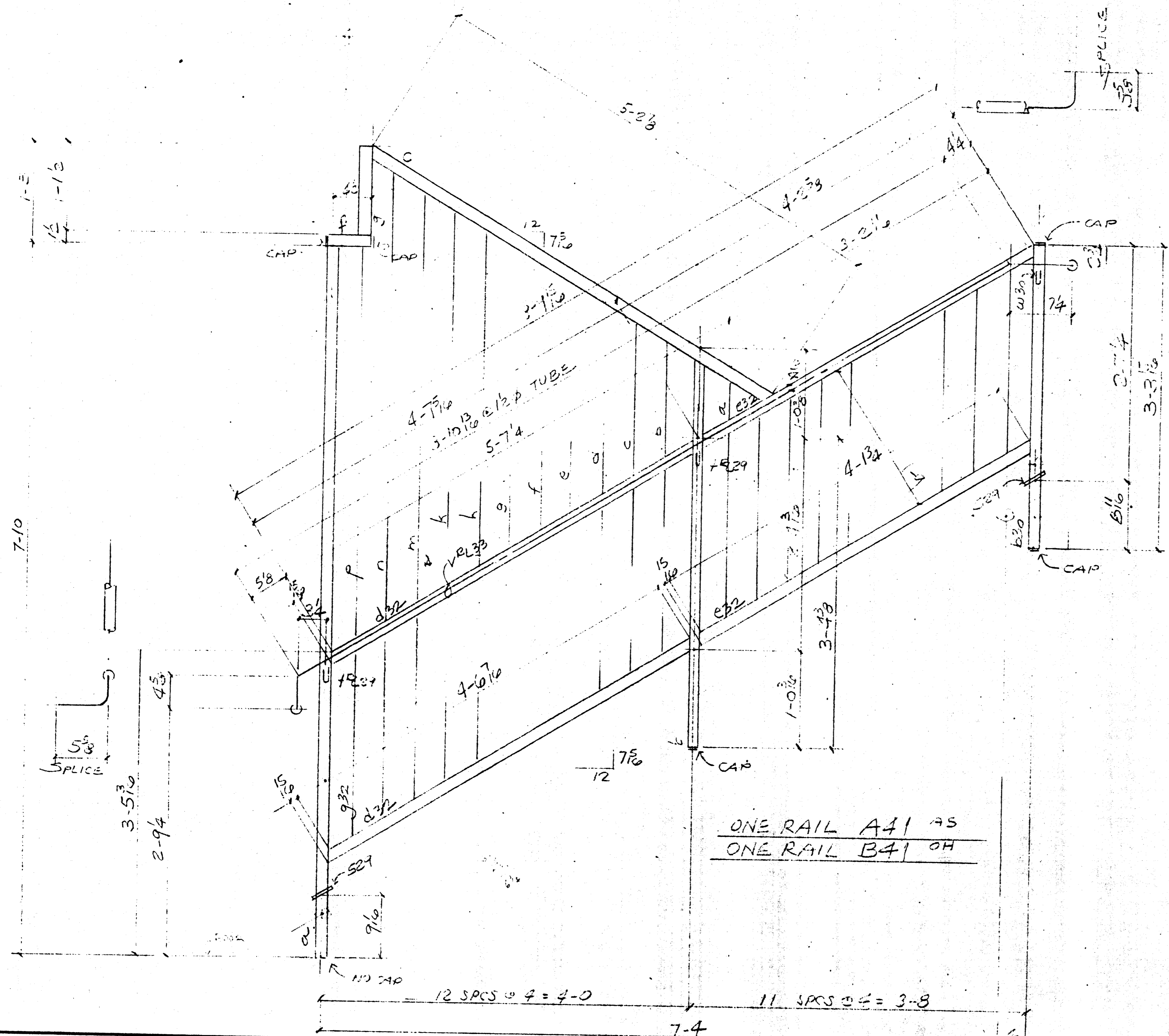
REVISIONS			
NO.	DESCRIPTION	DATE	APPD.

COFAB STEEL CORP.  
 VALLEJO, CA

CUSTOMER	PROJECT	LOCATION	REV	DATE	APPROVAL
TURNER					

DRAWN BY	DATE	JOB NO.	DRAWING	REV
JH	4-13-00			
CHECKED BY	DATE			
		365	D40	
APPROVED BY	DATE			





Approved  
 Approved as corrected  
 Review and Resubmit  
 Rejected

Fabrication / Installation may be undertaken. Approval does not authorize changes to the Contract Sum or Contract time.  
 Fabrication / Installation MAY NOT be undertaken in resubmitting, limit corrections to items marked.

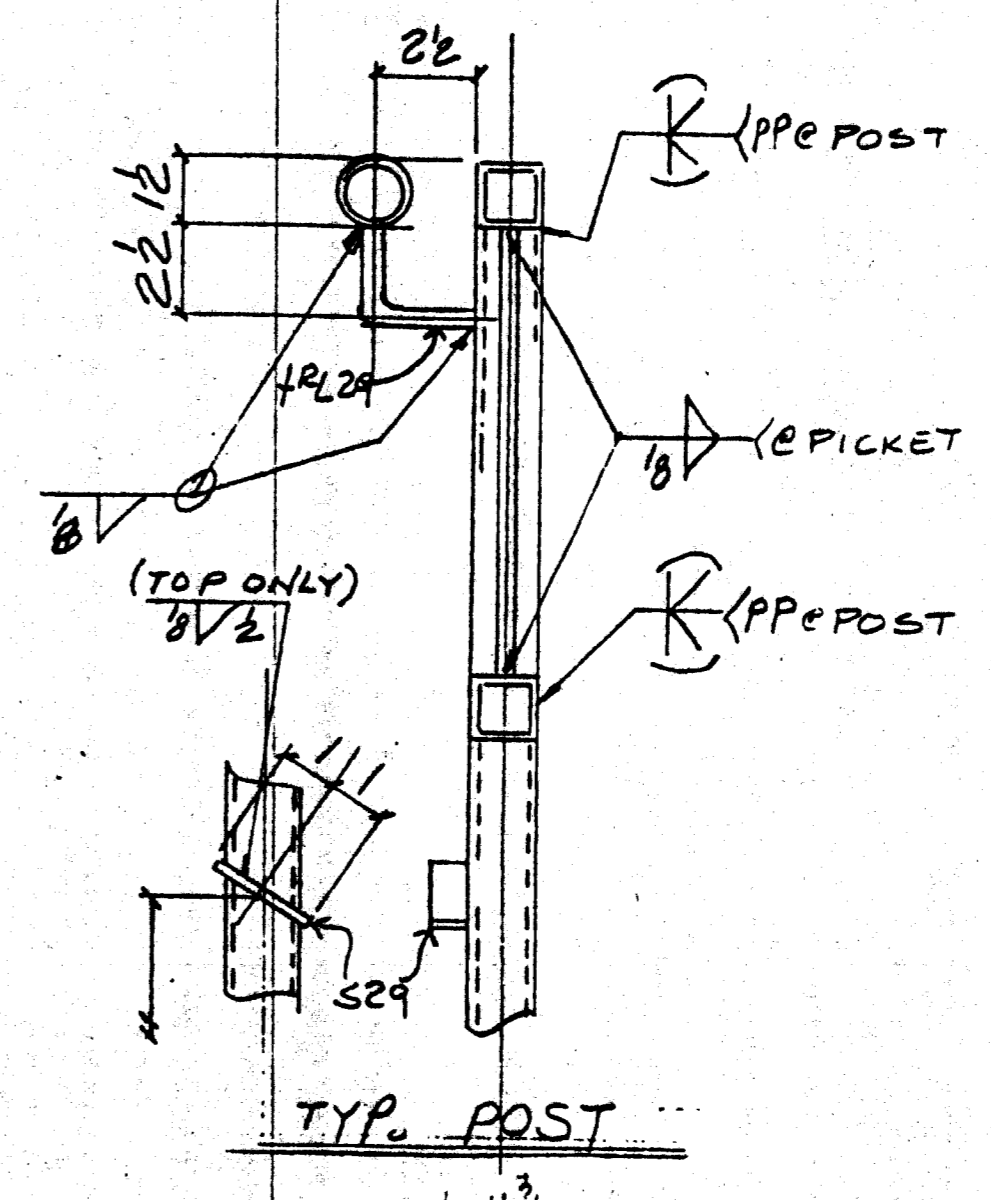
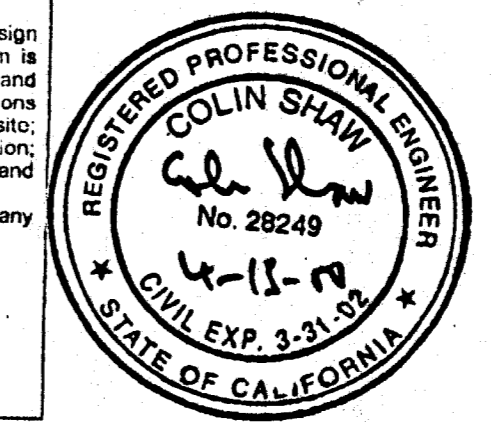
Review is only for general conformance with the design concept in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and furnished at the job site; fabrication processes and techniques of construction; coordination of his work with that of all other trades; and satisfactory performance of his work.  
 Review / approval neither extends nor alters any contractual obligations of the Architect or Contractor.

ENGLISH HARTER RETA  
 ARCHITECTS  
 By: Ben Date: APR 21 2000

RECEIVED  
 APR 14 2000  
 TURNER CONSTRUCTION CO.

Submitted for General Contractors with the Contract Documents. This review does not relieve the subcontractor of the responsibility for making the work conform to the requirements of the contract. The subcontractor is responsible for all dimensions, correct fabrication and ensure fit with the work of other trades.

TURNER CONSTRUCTION CO.  
 05510-04  
 4-13-00



RECEIVED  
 APR 20 2000  
 BURHALL & ASSOCIATES  
 STRUCTURAL ENGINEERS, INC.

BILL OF MATERIAL

SHIP MARK	PC MARK	QUAN.	DESCRIPTION	LENGTH		REMARKS	AISC WTS.
				FT.	IN.		
A41		1	RAIL				
B41		1	RAIL				
a		2	7S12x12x11/8	7	10		
b30		2		3	3 1/2		
c		2		4	3 1/2		
d		2		5	3 3/8		
q32		4		4	7 3/8		
r32		4		4	2 1/2		
f		2		0	5 1/4		
g		2		1	1 1/2		

q32	42	18	2 1/2 x 4 1/2	2	0 7/8		
a	2			10	5 1/2		
b	2			1	3 1/8		
c	2			1	3 1/8		
d	2			2	1 1/2		
e	2			2	2 1/2		
f	2			3	7 1/2		
g	2			3	9 1/2		
h	2			4	1 1/2		
i	2			4	6 1/2		
j	2			4	1 1/2		
k	2			4	2 1/2		

VR32	1	120	1 1/2 x 1 1/2	11	0 1/2		
FR32	2	380	1 1/2 x 1 1/2	0	5 3/4		
W30	2	30	30	0	5		

CAP 10 TYPE F

TOTAL WEIGHT

OPEN HOLES UNLESS OTHERWISE NOTED

MIN. EDGE DISTANCE UNLESS OTHERWISE NOTED

SHOP PAINT UNLESS OTHERWISE NOTED

REVISIONS

NO.	DESCRIPTION	DATE	APP'D

COFAB STEEL CORP.  
VALLEJO, CA

CUSTOMER	REV.
PROJECT	DATE
LOCATION	APPROVAL
	OFFICE
	SHOP
	FIELD
	CUSTOMER

RAILING

DRAWN BY	DATE	JOB NO.	DRAWING	REV.
	3-31-00			
CHECKED BY	DATE	965	D41	
APPROVED BY	DATE			













Overall Permit Set  
JANUARY 13, 2000

**Parking Garage**  
**15 North El Dorado Street, Stockton, California**

**General Contractor**

**TURNER CONSTRUCTION COMPANY**  
1450 Harbor Blvd, Suite A  
West Sacramento, CA 95691  
(916)372-9500

**Civil Engineer**

**KJELDTSEN, SINNOCK & NEUDECK, INC.**  
711 N. Pershing Ave.  
Stockton, CA 95201-0844  
(209)946-0268

**Architect**

**ENGLISH HARPER RETA ARCHITECTS, INC.**  
580 University Avenue Suite 100  
Sacramento, CA 95825-6512  
(916) 568-1821

**Structural Engineer**

**BUEHLER AND BUEHLER ASSOCIATES**  
7300 Folsom Blvd. Suite 103  
Sacramento, CA 95826  
(916) 381-8181

**Mechanical Engineer**

**FRANK M. BOOTH, INC.**  
2404 Professional Drive  
Roseville, CA 95661  
(916) 784-0777

**Electrical Engineer**

**COLLINS ELECTRIC**  
611 W. Fremont Street  
Stockton, CA 95203  
(209)466-3691

**Fire Protection Engineer**

**SAFEGUARD FIRE PROTECTION INC.**  
8270 Belvedere Ave. #100  
Sacramento, CA 95826  
(916)457-6690

\*The Policy of the Stockton Fire Department is that all plans for required fire suppression systems shall be submitted and approved prior to the framing inspection. If plans are not submitted and approved by this time, then the project will be halted until such time as the plans are approved. All required fire alarm system plans must be submitted prior to the sheetrock nailing inspection. (Exception: Open-framed buildings where sprinkler piping will be exposed in a warehouse type use will be required to have their suppression and alarm system plans submitted and approved and the systems installed prior to the final inspection.) No final inspection will be made or Certificate of Occupancy issued until the above conditions are met.\*

STOCKTON FIRE DEPARTMENT REQUIREMENT:  
FIRE ACCESS ROADS AND FIRE HYDRANTS MUST  
BE INSTALLED AND MAINTAINED SERVICEABLE  
DURING COMBUSTIBLE CONSTRUCTION

**IF THESE PLANS ARE NOT  
ON THE JOB NO INSPECTIONS  
WILL BE MADE**

**PLEASE BE ADVISED WHEN CALLING FOR A  
FOUNDATIONS REPORT. A FOUNDATION YOU  
MUST HAVE THE REPORT, FOUNDATIONS/COILS  
REPORT ON THE JOB-SITE WITH THE  
APPROVED SET OF PLANS**

**\* APPROVED SUBJECT  
TO RFI CHANGES**

REPLACE ALL HAZARDOUS BROKEN  
OR RAISED CURBS, CURBS AND  
SIDEWALKS.

**- DISABLED ACCESS -**  
IT IS YOUR RESPONSIBILITY TO COMPLY  
WITH HANICAP/DISABLED ACCESS CODE  
TO AREA OF REVISIONS/ALTERATIONS/  
IMPROVEMENT INCLUDING SITE ACCESS,  
REST ROOMS, AND PUBLIC TELEPHONES.

**JOB SITE COPY**

This set of plans and calculations MUST be kept on the job site at all times and it is unlawful to make any changes or alterations to the plans without written permission from the City of Stockton.  
APPROVED: *[Signature]* 3/21/00 99-5771  
By *[Signature]* Precision

The stamping of this plan is not valid until the fee has been paid or to be an approval of the project or a compliance of any Ordinance or Law. Copying of stamps not permitted until after final approval.

99-5771

JOB SITE COPY

**PARKING GARAGE-OVERALL PERMIT SET**

1-13-00

15 N EL DORADO ST

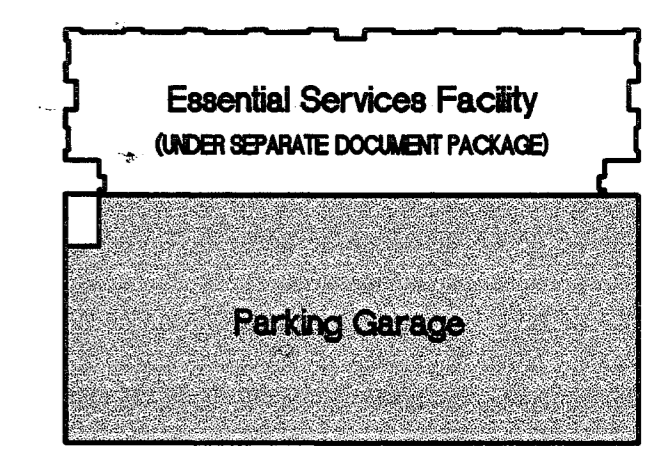
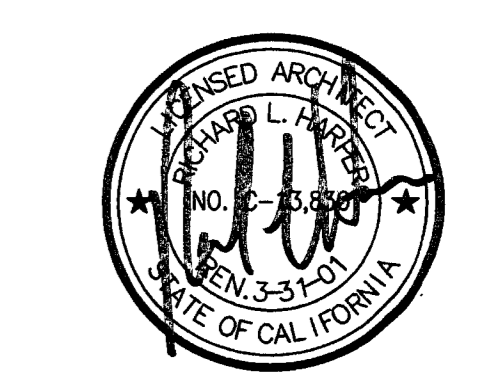


580 UNIVERSITY AVENUE SUITE 100  
SACRAMENTO, CA 95825 (916) 568-1821

THIS DRAWING IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL IT IS SIGNED BY THE ARCHITECT AND THE OWNER.

ARCHITECT: EDWARD P. ENGLISH C-10399  
RICHARD L. HARPER C-13830  
RONALD A. RETA C-9879

OWNER: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_



1-13-2000 OVERALL PERMIT SET  
11-15-99 OVERALL PLAN CHECK SET  
10-18-99 PROGRESS SET

REVISIONS  
DATE NO. DESCRIPTION  
DRAWN BY: JMM  
CHECKED BY: BH



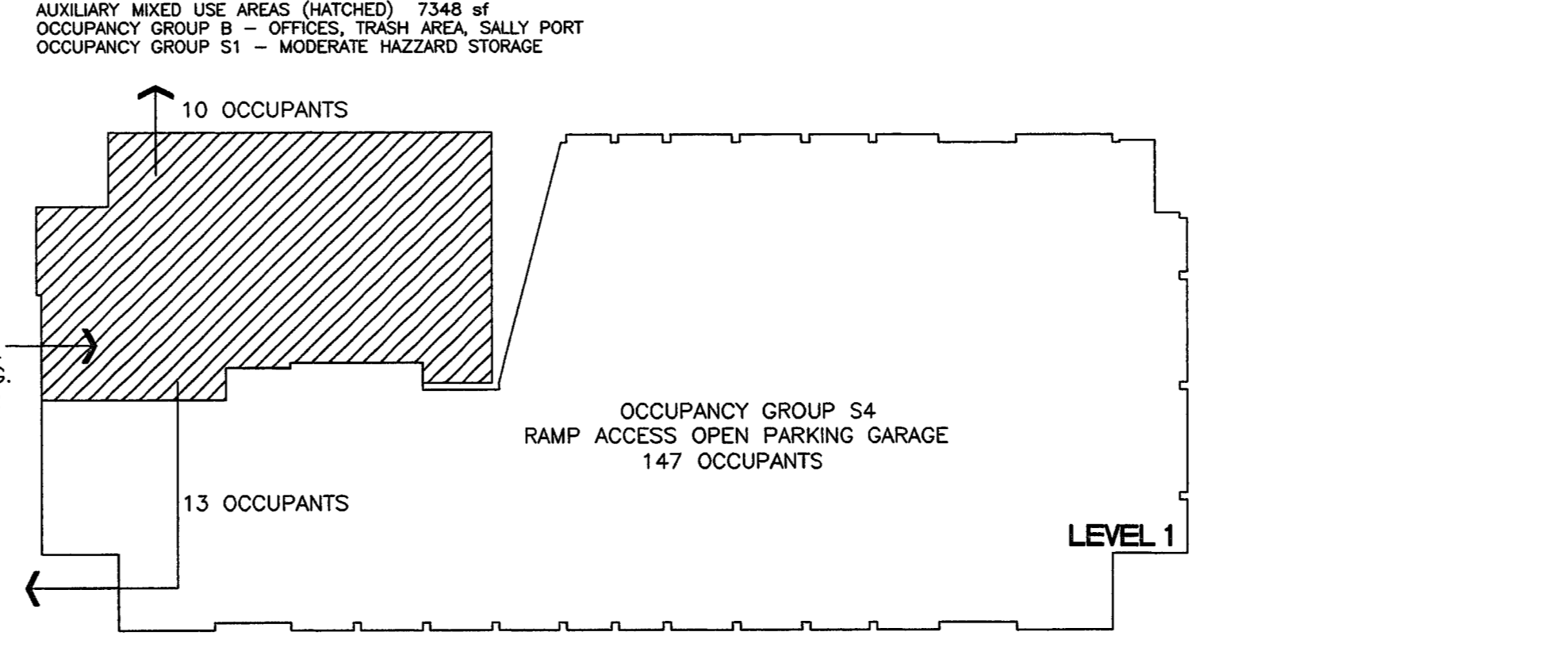
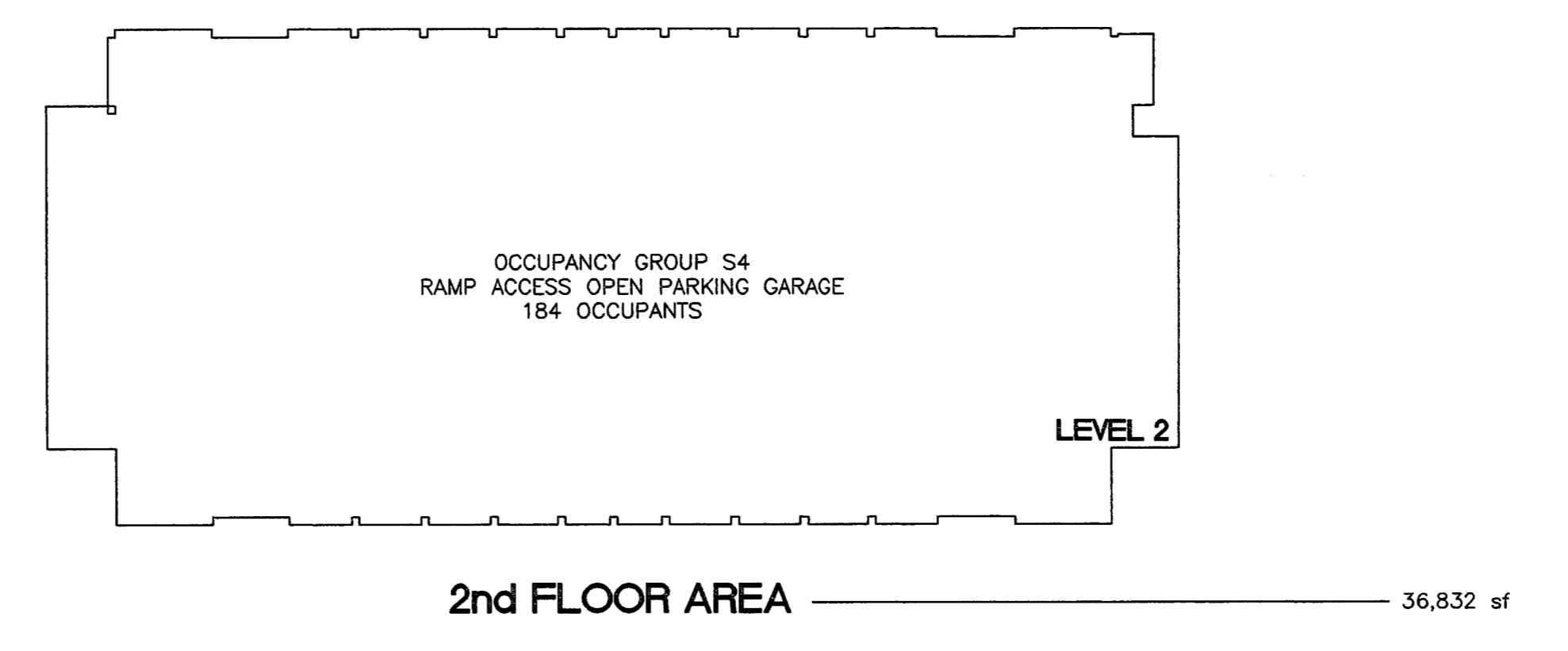
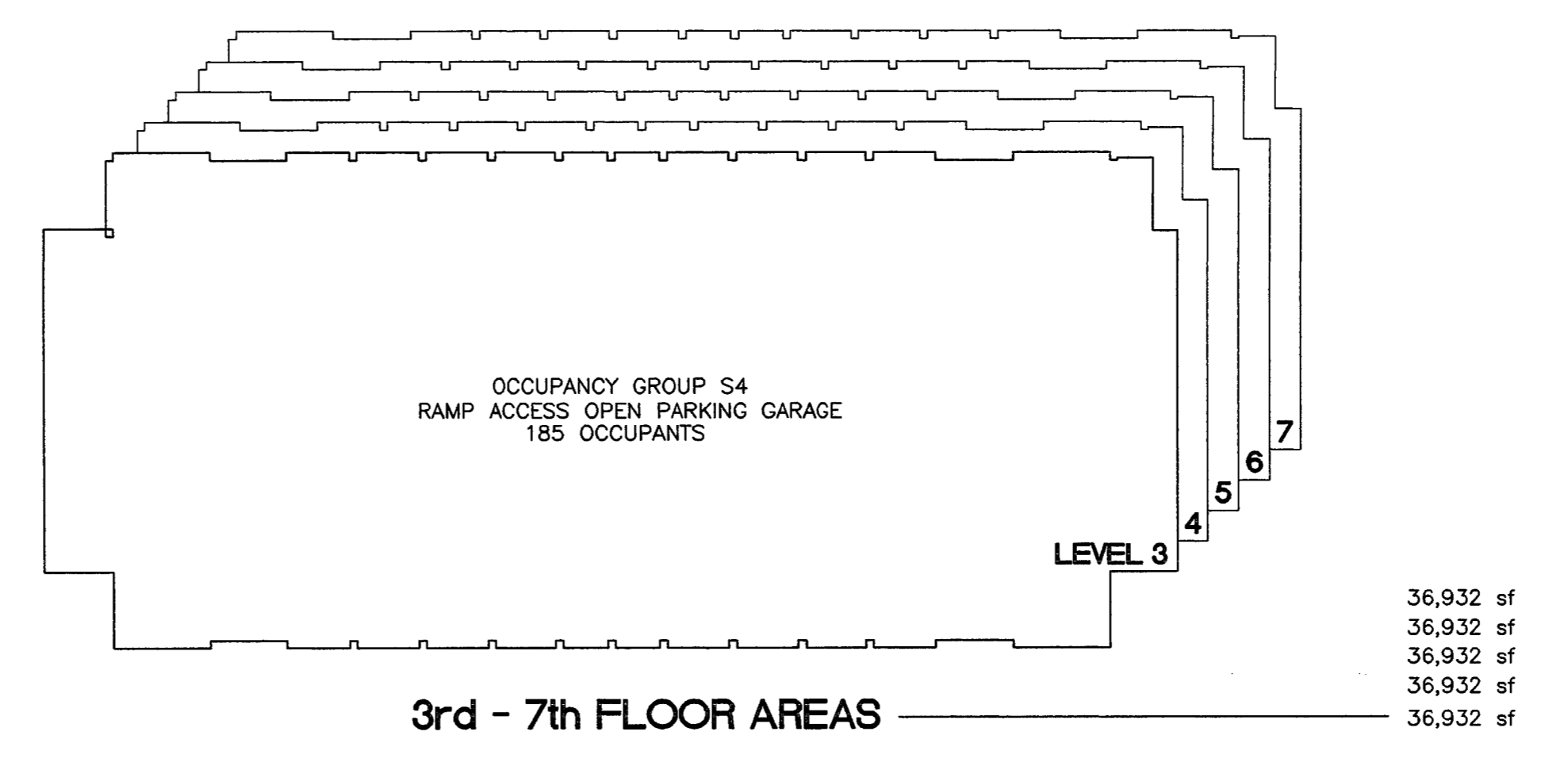
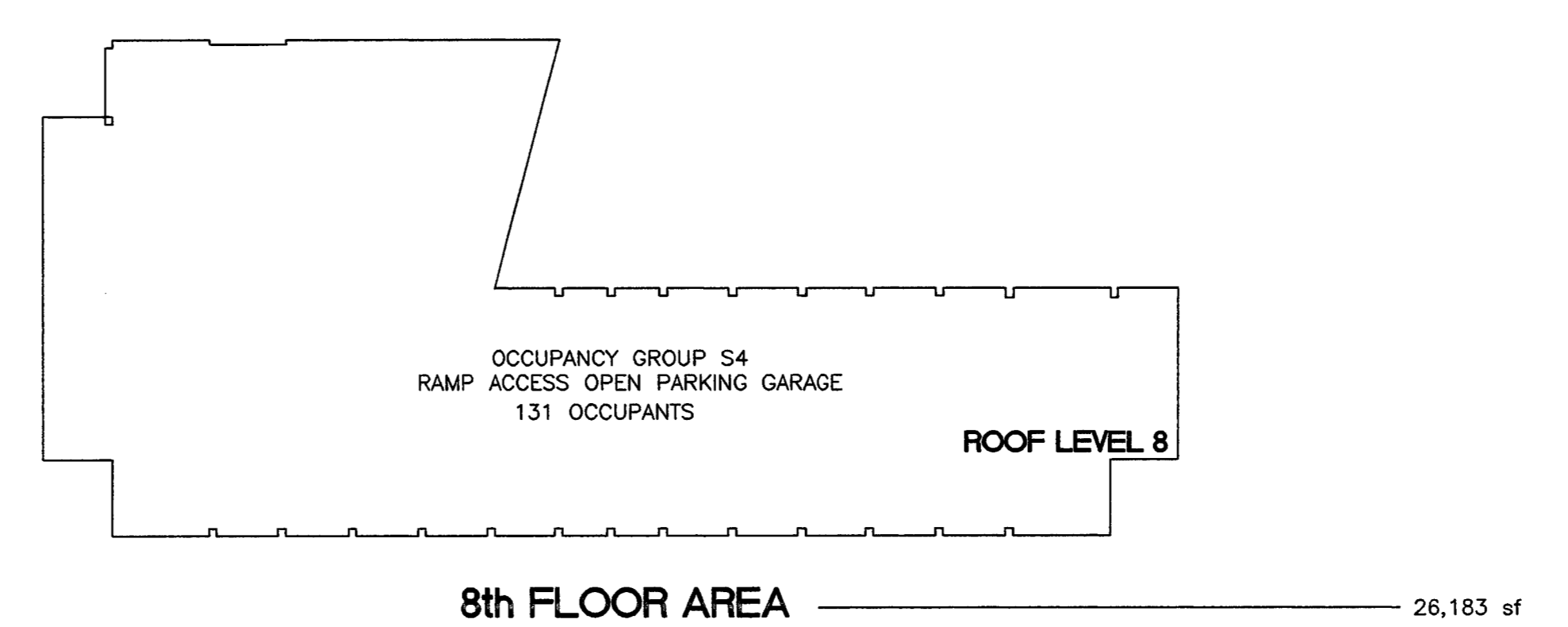
5  
Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

DRAWING: CODE DIAGRAMS, CODE DATA AND SHEET INDEX

PROJECT NO. 98113 DRAWING NO. A0.01G  
CADFILE: A0\_01G.DWG  
DATE: 7 SEPTEMBER 1999

PARKING GARAGE CODE DATA

BUILDING INFORMATION		MAXIMUM ALLOWABLE BUILDING AREA CALCULATION	
CONSTRUCTION TYPE:	II-N	BASIC ALLOWABLE AREA PER TIER (TABLE 3-H)	30,000 sf
PRIMARY OCCUPANCY GROUP:	S4 (RAMP ACCESS OPEN GARAGE)	BASIC ALLOWABLE BLDG. HEIGHT (TABLE 3-H)	x 8 TIERS
SECONDARY OCCUPANCY GROUP:	S1 (PROPERTY STORAGE) / B (OFFICE)	TOTAL BASIC ALLOWABLE BUILDING AREA	240,000 sf
AUTO. FIRE SP. SYST. IN PROPERTY STORAGE & OFFICE SPACE		ALLOWABLE AREA INCREASE (SECT. 311.9.5)	x 1.25 (25%)
DRY STANDPIPE FIRE PROTECTION SYSTEM IN OPEN PARKING GARAGE		OVERALL TOTAL ALLOWABLE BUILDING AREA	300,000 sf
APPLICABLE CODES		PROPOSED BUILDING AREA CALCULATION	
1997 UNIFORM BUILDING CODE		TOTAL PROPOSED AREA - PARKING GARAGE	277,075 sf
1997 UNIFORM FIRE CODE		AUXILIARY USE AREAS - 1st FLOOR	7348 sf
1997 UNIFORM MECHANICAL CODE		OVERALL TOTAL BUILDING AREA	284,423 sf
1997 UNIFORM PLUMBING CODE		BUILDING HEIGHT:	8 TIERS (76'-1")
1996 NATIONAL ELECTRICAL CODE		OCCUPANT LOAD CALCULATION	
		1 OCC./200 sf (TABLE 10.A)	



TOTAL FLOOR AREA - OPEN PARKING GARAGE 277,075 sf

AREA CALCULATIONS AND DIAGRAMS  
A0.01G 1"=40'

SHEET INDEX

DWG. NO.	ARCHITECTURAL
A0.00G	COVER SHEET
A0.01G	CODE DIAGRAMS, CODE DATA AND SHEET INDEX ABBREVIATIONS, SYMBOLS, AND MATERIALS LEGEND
A0.02G	SITE PLAN
A1.01G	GROUND LEVEL PARKING
A2.01G	SECOND LEVEL PARKING
A2.03G	THIRD LEVEL PARKING
A2.04G	FOURTH LEVEL PARKING AND DETAILS
A2.05G	FIFTH LEVEL PARKING AND DETAILS
A2.06G	SIXTH LEVEL PARKING AND DETAILS
A2.07G	SEVENTH LEVEL PARKING
A2.08G	EIGHTH LEVEL PARKING
A2.20G	DOOR SCHEDULE
A3.01G	PARKING GARAGE ELEVATIONS
A3.02G	PARKING GARAGE ELEVATIONS
A3.03G	PARKING GARAGE SECTIONS
A3.04G	PARKING GARAGE WALL SECTIONS
A3.05G	PARKING GARAGE PARTIAL ELEVATIONS AND WINDOW TYPES
A7.01G	STAIR SECTIONS AND DETAILS
A7.02G	ELEVATOR SECTIONS AND DETAILS
A8.01G	EXTERIOR DETAILS
A8.02G	EXTERIOR DETAILS
DWG. NO.	STRUCTURAL
S1.01G	GENERAL NOTES
S1.02G	TYPICAL DETAILS
S1.03G	TYPICAL DETAILS
S2.01G	FOUNDATION AND GROUND LEVEL SLAB PLAN (WEST)
S2.02G	FOUNDATION AND GROUND LEVEL SLAB PLAN (EAST)
S2.03G	2nd FLOOR FRAMING PLAN (WEST)
S2.04G	2nd FLOOR FRAMING PLAN (EAST)
S2.05G	3rd THRU 6th FLOOR FRAMING PLAN (WEST)
S2.06G	3rd THRU 6th FLOOR FRAMING PLAN (EAST)
S2.07G	7th FLOOR FRAMING PLAN (WEST)
S2.08G	7th FLOOR FRAMING PLAN (EAST)
S2.09G	8th FLOOR FRAMING PLAN (WEST)
S2.10G	8th FLOOR FRAMING PLAN (EAST)
S3.01G	PILE AND PILECAP DETAILS
S3.02G	COLUMN SCHEDULE AND PILECAPS
S3.03G	WALL ELEVATION
S3.04G	WALL ELEVATION
S4.01G	GARAGE SECTIONS
S4.02G	SECTIONS
S4.03G	SECTIONS
S4.04G	SECTIONS
S4.05G	SECTIONS
S5.01G	SLAB POST-TENSIONING TYPICAL DETAILS
S5.02G	TWO-WAY SLAB POST-TENSIONING TYPICAL DETAILS
S5.03G	BEAM POST-TENSIONING TYPICAL DETAILS
S5.04G	BEAM ELEVATIONS
S5.05G	BEAM ELEVATIONS
S6.01G	STEEL DETAILS
S6.02G	STEEL DETAILS
S7.01G	PRECAST PANEL DETAILS AND ELEVATIONS
DWG. NO.	MECHANICAL
M0.1G	EQUIPMENT SCHEDULE AND LEGEND
M2.01G	GROUND LEVEL PARKING HVAC DESIGN
M2.02G	SECOND LEVEL PARKING HVAC DESIGN
DWG. NO.	PLUMBING
PO-1G	FIXTURE AND EQUIPMENT SCHEDULE
P2.01G	GROUND LEVEL PARKING PLUMBING PLAN
P2.02G	SECOND LEVEL PARKING PLUMBING PLAN
P2.03G	TYPICAL LEVEL PARKING PLUMBING PLAN
P2.04G	SEVENTH LEVEL PARKING PLUMBING PLAN
P2.05G	EIGHTH LEVEL PARKING PLUMBING PLAN
DWG. NO.	ELECTRICAL
EU0.01G	GROUND LEVEL PARKING ELECTRICAL PLAN: MAJOR UNDERGROUND CONDUIT SYSTEM
E1.01G	ELECTRICAL PANEL SCHEDULES AND DETAILS
E2.01G	GROUND LEVEL PARKING LIGHTING PLAN
E2.02G	SECOND LEVEL PARKING ELECTRICAL PLAN
E2.03G	THIRD LEVEL PARKING ELECTRICAL PLAN
E2.04G	FOURTH LEVEL PARKING ELECTRICAL PLAN
E2.05G	FIFTH LEVEL PARKING ELECTRICAL PLAN
E2.06G	SIXTH LEVEL PARKING ELECTRICAL PLAN
E2.07G	SEVENTH LEVEL PARKING ELECTRICAL PLAN
E2.08G	EIGHTH LEVEL PARKING ELECTRICAL PLAN
E3.01G	GROUND LEVEL PARKING POWER AND SIGNAL SYSTEMS PLAN
E4.01G	SCHEDULES, LEGEND, NOTES, AND DETAILS
DWG. NO.	FIRE PROTECTION
F2.01G	GROUND LEVEL PARKING PLAN
F2.02G	SECOND LEVEL PARKING PLAN
F2.03G	3RD, 4TH, 5TH & 6TH LEVEL PARKING PLAN
F2.04G	SEVENTH LEVEL PARKING PLAN
F2.05G	EIGHTH LEVEL PARKING PLAN
F2.06G	DETAIL SHEET

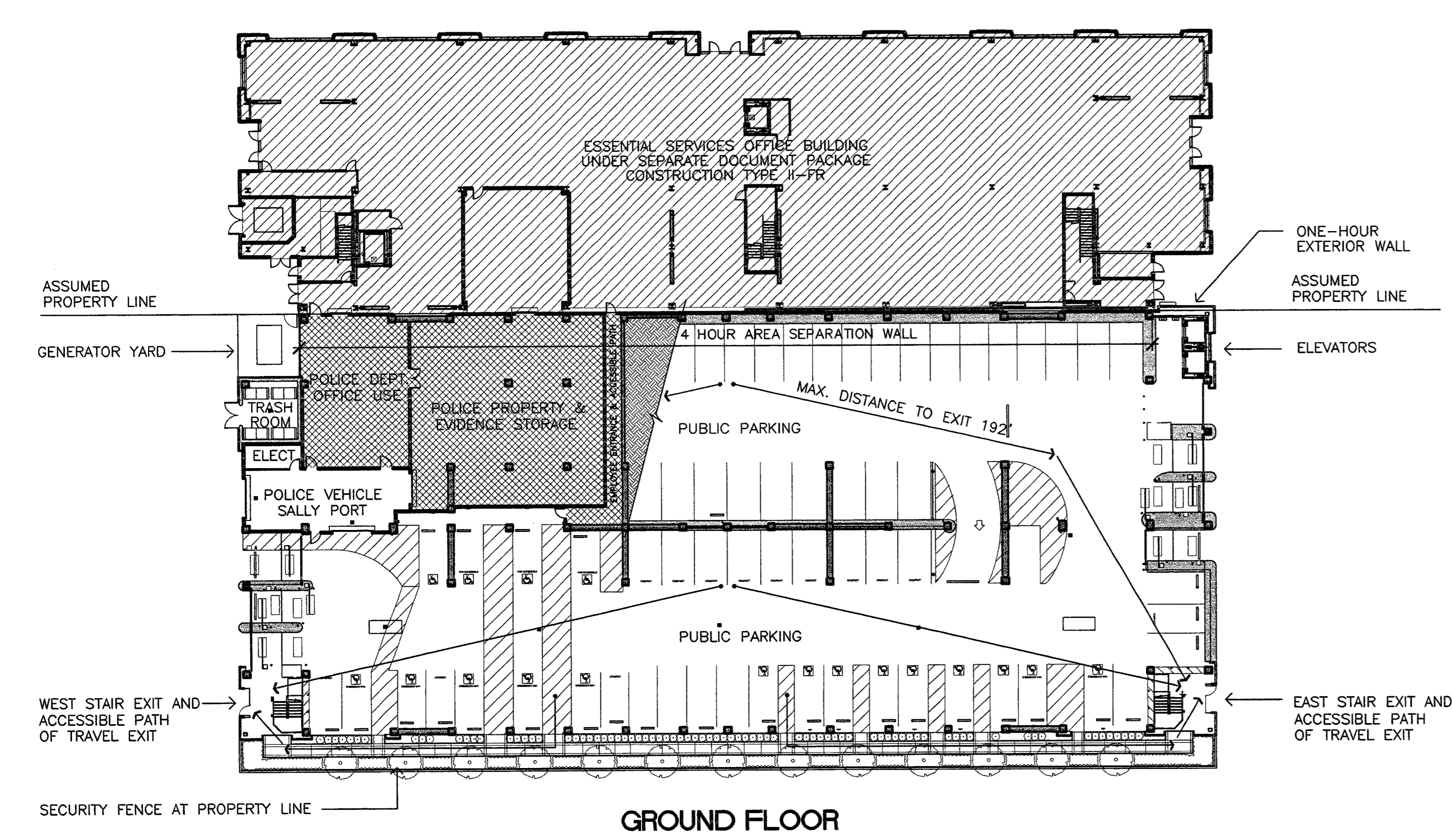
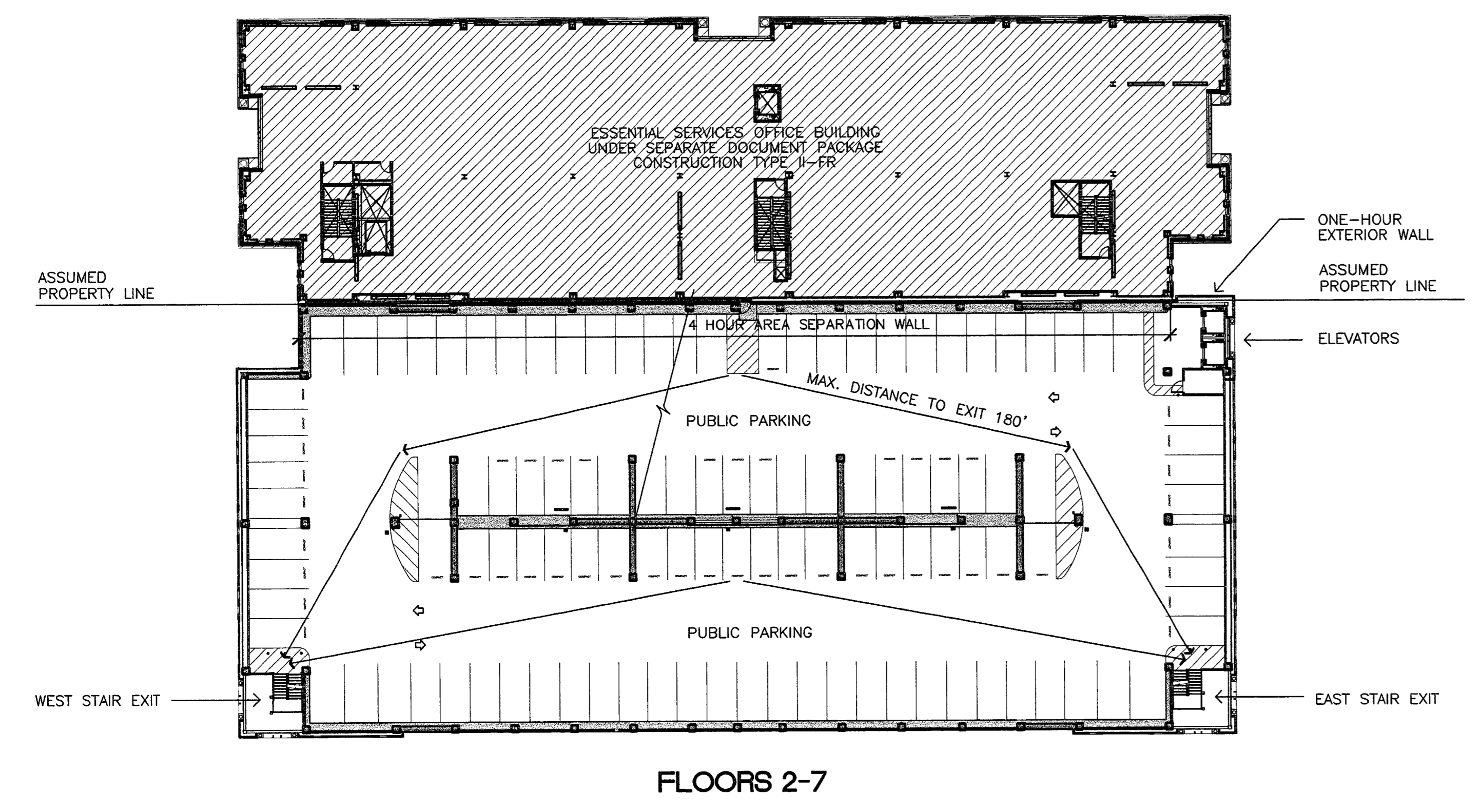
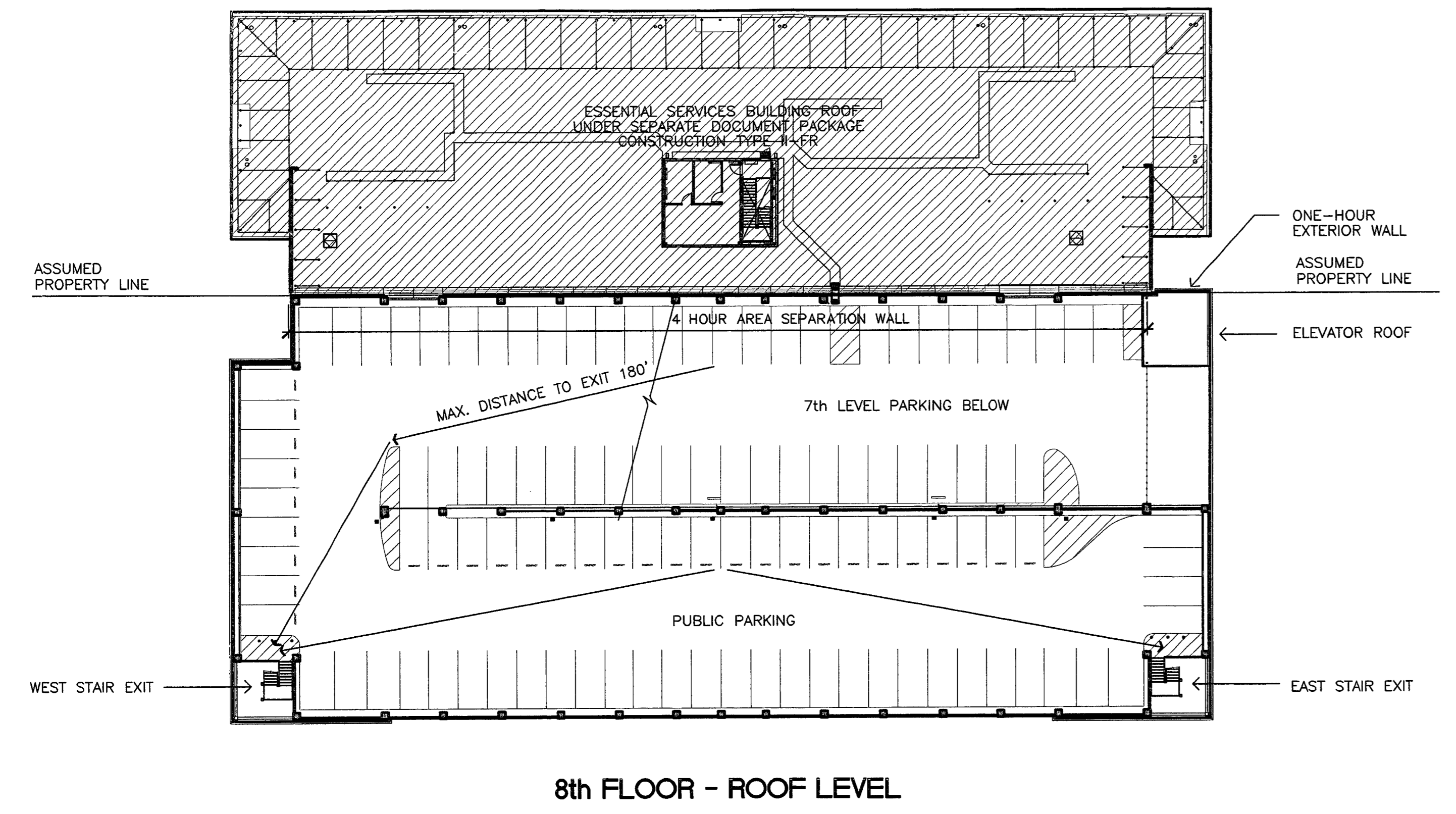
This set of plans and specifications shall be held to be the contract documents. NOT to be held to be a contract of any provisions of any laws, codes, ordinances, rules, regulations, or any other authority until after final approval.

JOB SITE COPY

PARKING SUMMARY

	PARKING GARAGE
STANDARD STALLS	487
COMPACT STALLS	320
STD. HDOP. STALLS	6
VAN ACC. HDOP. STALLS	10
TOTAL STALLS:	825

PLANS REVIEWED BY: Precision Inspection Company  
Inspection and Consulting Services  
DATE: 7 SEPTEMBER 1999



CODE DIAGRAM  
A0.01G 1"=30'



AREA CALCULATIONS AND DIAGRAMS  
A0.01G 1"=40'



**COMPLIANCE WITH CODES AND AUTHORITIES**

- ALL WORK SHALL COMPLY WITH THE MINIMUM STANDARDS OF THE UNIFORM BUILDING CODE (U.B.C.) 1997 EDITION.
- ALL WORK SHALL COMPLY WITH THE LATEST EDITIONS AND SUPPLEMENTS OF THE FOLLOWING STATE REGULATIONS, CODES AND AUTHORITIES.
  - CALIFORNIA STATE BUILDING CODE - TITLE 8. CALIFORNIA ADMINISTRATIVE CODE INDUSTRIAL RELATIONS CONSTRUCTION SAFETY ORDERS
  - CALIFORNIA STATE BUILDING CODE - TITLE 24, PART 2 CALIFORNIA ADMINISTRATIVE CODE BARRIER FREE ACCESS OF THE PHYSICALLY HANDICAPPED
  - CALIFORNIA STATE BUILDING CODE - TITLE 24 CALIFORNIA ADMINISTRATIVE CODE ENERGY REGULATIONS
- ALL WORK SHALL COMPLY WITH THE LATEST EDITIONS OF THE FOLLOWING REGULATIONS, CODES AND AUTHORITIES:
  - BUILDING INSPECTION DIVISION
  - PLANNING AND DEVELOPMENT
  - PUBLIC WORKS DEPARTMENT
  - FIRE DEPARTMENT
  - AMERICANS WITH DISABILITIES ACT (ADA)
- ALL WORK SHALL COMPLY WITH LATEST EDITIONS OF THE MECHANICAL AND ELECTRICAL REGULATIONS, CODES AND AUTHORITIES.
  - NATIONAL ELECTRIC CODE (N.E.C.)
  - UNIFORM MECHANICAL CODE (U.M.C.)
  - UNIFORM PLUMBING CODE (U.P.C.)
  - UNIFORM FIRE CODE (U.F.C.)
- ALL INTERIOR FINISH MATERIALS SHALL HAVE A FLAME SPREAD CLASSIFICATION RATING PER CHAPTER 8, U.B.C.
- THE BUILDING SHALL BE PROVIDED WITH STANDARD AUTOMATIC FIRE EXTINGUISHING SYSTEM THROUGHOUT INCLUDING ABOVE ALL CEILING AND CONFORMING TO THE UNIFORM BUILDING CODE.
- WHEN SERVING MORE THAN 100 SPRINKLERS, AUTOMATIC SPRINKLER SYSTEMS SHALL BE SUPERVISED BY AN APPROVED CENTRAL, PROPRIETARY OR REMOTE STATION SERVICE OR A LOCAL ALARM WHICH WILL GIVE AN AUDIBLE SIGNAL AT A CONSTANT ATTENDED LOCATION.
- PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR.
- ROOF COVERING AND ROOFING MATERIALS SHALL BE FIRE RETARDANT AND SHALL COMPLY WITH THE UNDERWRITERS LABORATORIES, INC. AND CLASSIFIED AS "A" U.L. FIRE HAZARD.
- PROVIDE AND INSTALL U.L. APPROVED FIRESTOPPING & WRAPS AT ALL PENETRATIONS PER CHAPTER 7 OF THE UNIFORM BUILDING CODE AND THE UNIFORM FIRE CODE.
- FIRE RATED PARTITION WALLS AND FIRE RATED OCCUPANCY SEPARATION WALLS SHALL EXTEND FROM CONCRETE FLOOR SLAB TO UNDERSIDE OF FLOOR DECK OR SLAB ABOVE. ALL OPENINGS SHALL BE PROTECTED AS FOLLOWS:
  - ONE HOUR RATED WALLS - LABELED CLASS "C" FIRE DOOR, AND FRAME ASSEMBLY AND HARDWARE.
  - TWO HOUR RATED WALLS - LABELED CLASS "B" FIRE DOOR, AND FRAME ASSEMBLY AND HARDWARE.
  - THREE HOUR RATED WALLS - LABELED CLASS "A" FIRE DOOR, AND FRAME ASSEMBLY AND HARDWARE.
- ALL LEGAL EXITS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF KEY, SPECIAL EFFORT OR KNOWLEDGE
- EXIT SIGNS SHALL BE INSTALLED AT REQUIRED EXIT DOORWAYS AND WHERE OTHERWISE NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS WHEN THE EXIT SERVES AND OCCUPANT LOAD OF 50 OR MORE
- EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING MORE THAN 50 PERSONS.
- PANIC HARDWARE SHALL BE PROVIDED ON EXIT DOORS SERVING ROOMS, CORRIDOR OR STAIRWAYS HANDLING AN OCCUPANT CAPACITY OF 100 OR MORE PERSONS.
- DOOR OPENINGS IN ONE HOUR CORRIDORS SHALL BE PROTECTED BY A TIGHT-FITTING SMOKE-AND DRAFT-CONTROL ASSEMBLY HAVING A 20 MINUTE LABELED RATING. DOORS SHALL BE SELF CLOSING OR AUTOMATIC CLOSING BY ACTUATION OF A SMOKE DETECTOR. DOOR ASSEMBLY SHALL BE PROVIDED WITH A RATED LABELED GASKET SO INSTALLED AS TO PROVIDE A SEAL WHERE THE DOOR MEETS THE STOP ON BOTH SIDES AND ACROSS THE TOP
- TOILET STALL DOOR OPENINGS SHALL BE (MIN.) 32" CLEAR WIDE FOR END DOORS, AND (MIN.) 34" CLEAR WIDE FOR SIDE DOORS.
- CONCRETE CONSTRUCTION SHALL COMPLY WITH CHAPTER 19, UNIFORM BUILDING CODE.
- STEEL CONSTRUCTION SHALL COMPLY WITH CHAPTER 22, UNIFORM BUILDING CODE.

**CONTRACTOR RESPONSIBILITIES**

- THE CONTRACTOR SHALL EXAMINE THE DRAWINGS AND SPECIFICATIONS AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES HE MAY FIND BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL VERIFY CONDITIONS AT THE SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO ANY EXCAVATING.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES BELOW GRADE AND RELATED SERVICE CONNECTIONS WITH THE RESPECTIVE UTILITY COMPANY.
- THE CONTRACTOR SHALL COORDINATE THE REMOVAL, ABANDONMENT AND/OR RELOCATION OF EXISTING UTILITIES ABOVE OR BELOW GRADE WITH THE RESPECTIVE UTILITY COMPANY.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACES, SHORES AND GUYS REQUIRED TO SUPPORT ALL LOADS TO WHICH THE BUILDING STRUCTURES AND COMPONENTS, ADJACENT SOILS AND STRUCTURES, UTILITIES AND RIGHT-OF-WAYS MAY BE SUBJECT DURING CONSTRUCTION.

- FLOOR AND WALL OPENINGS, SLEEVES, VARIATIONS IN THE STRUCTURAL SLAB ELEVATIONS, DEPRESSED AREAS, AND ALL OTHER ARCHITECTURAL, MECHANICAL, ELECTRICAL AND/OR CIVIL REQUIREMENTS MUST BE COORDINATED BEFORE THE CONTRACTOR PROCEEDS WITH CONSTRUCTION.
- PROPERTY CORNERS AND PROPERTY LINE CHANGES OF DIRECTION SHALL BE IDENTIFIED BY PROPERTY SURVEY MONUMENTS AT THE TIME OF FORM INSPECTION. THESE PROPERTY MONUMENTS ARE TO BE RE-INSPECTED AT THE TIME OF FINAL BUILDING INSPECTION.

**CONSTRUCTION DOCUMENTS**

- ALL DRAWINGS, ISSUED SEPARATELY AS CONSTRUCTION PACKAGES INCLUDING ALL DETAILS, SPECIFICATIONS AND DRAWINGS BOUND SEPARATELY, ARE A PART OF THE CONTRACT.
- ITEMS MARKED "N.I.C." ARE NOT IN CONTRACT. SUCH ITEMS ARE INCLUDED IN THE DOCUMENTS WHEN CONTRACTORS COORDINATION FOR CONSTRUCTION IS REQUIRED.
- DIMENSIONS:
  - IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON DRAWINGS.
  - ALL DIMENSIONS TO OPENINGS ARE TO THE FINISHED FACE UNLESS NOTED OTHERWISE.
  - ALL DIMENSIONS TO STUD PARTITIONS ARE TO THE FACE OF FINISH UNLESS NOTED OTHERWISE (U.N.O.)
  - CEILING HEIGHT DIMENSIONS ARE FROM FINISH FLOOR TO FINISH FACE OF CEILING.
  - ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BEFORE PROCEEDING WITH THE WORK.
- DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY INDICATED OTHERWISE.

- WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THE PROJECT.
- DOOR SIZES INDICATED ON DOOR SCHEDULE ARE OPENING DIMENSIONS. ALLOWANCES FOR THRESHOLDS, ETC. SHALL BE TAKEN OFF DOOR.
- THE PRECISE DIMENSIONS AND LOCATIONS OF ALL DOOR LOUVERS AND WINDOW OPENINGS SHALL BE DETERMINED FROM ARCHITECTURAL PLANS AND DETAILS. OTHER WALL AND FLOOR OPENINGS AS REQUIRED BY MECHANICAL, ELECTRICAL OR SIMILAR REQUIREMENTS SHALL BE VERIFIED FROM SHOP DRAWINGS, EQUIPMENT DATA, ETC. AS REQUIRED.
- DOOR OPENINGS NOT LOCATED BY DIMENSIONS SHALL BE CENTERED IN WALLS AS SHOWN OR LOCATED 5" FROM FINISH WALL TO FINISH JAMB UNLESS OTHERWISE NOTED OR REQUIRED.
- SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONS LOCATING LIGHT FIXTURES, DIFFUSERS AND SPEAKERS. ARCHITECTURAL REFLECTED CEILING PLANS DO NOT INDICATE WALL MOUNTED FIXTURES. REFER TO ELECTRICAL DRAWINGS FOR ALL LIGHTING FIXTURES - RECESSED, SURFACE OR WALL MOUNTED.

**TYPICAL NOTES**

- "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED. VERIFY DIMENSIONS AND/OR ORIENTATIONS ON PLAN AND/OR ELEVATIONS.
- DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT IN WRITING.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY CONFLICTS HEREIN - EITHER APPARENT OR OBVIOUS - PRIOR TO START OF WORK ON THAT ITEM OR BEAR THE RESPONSIBILITY OF CORRECTING SUCH WORK AS DIRECTED BY THE ARCHITECT.
- UNDERCUT ALL DOORS TO CLEAR TOP OF CARPET 1/4" MAXIMUM.
- PREPARE DOORS FOR HARDWARE SPECIFIED. TEST AND ADJUST DOORS FOR SMOOTH, QUIET OPERATION, BEFORE FINAL INSPECTION.
- USE WATER RESISTANT GYPSUM WALLBOARD ON ALL WALL FACES WHICH ARE EXPOSED TO WATER OR MOISTURE AS WELL AS THOSE USED FOR JANITOR AND TOILET ROOM WALLS.
- WHERE SOUND INSULATION IS SHOWN FOR INTERIOR WALLS, USE MIN. 5" THICK MINERAL FIBER OR R-11 FIBERGLAS, FRICTION FIT, UNLESS NOTED OTHERWISE.
- ALL EXTERIOR WALLS SHALL BE INSULATED AS REQUIRED BY "TITLE 24". SEE DRAWINGS FOR DETAILS.
- BLOCK-OUT AND/OR DEPRESS FLOOR SLABS AS REQUIRED FOR FLOOR CLOSERS AND FLOOR DRAINS.
- PROVIDE ADEQUATE BLOCKING AND ANCHORAGE FOR CEILING AND WALL MOUNTED EQUIPMENT (E.G. WATER COOLERS, FIRE EXTINGUISHER CABINETS, HANDRAILS & GUARDRAILS, ETC.) SEE TYP. DETAILS
- ALL ELEVATIONS ARE REFERENCED FROM THE TOP OF THE GROUND FLOOR CONCRETE SLAB BEING EQUAL TO +0'-0". ADJUST FOR ACTUAL CONDITIONS.
- GROUND FLOOR RESTROOM FLOORS SLOPE TO DRAINS.
- ALL CEILING CONSTRUCTION SHALL COMPLY WITH CHAPTER 25, OF THE UNIFORM BUILDING CODE.
- CONCRETE HOUSEKEEPING PADS (4" HIGH) SHALL BE PROVIDED FOR MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT UNLESS OTHERWISE DETAILED OR SPECIFIED.
- SIZE OF MECHANICAL AND ELECTRICAL EQUIPMENT PADS AND BASES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY DIMENSIONS WITH EQUIPMENT MANUFACTURER.

**MECHANICAL AND PLUMBING**

- MECHANICAL AND PLUMBING SHALL COMPLY WITH THE UNIFORM MECHANICAL AND PLUMBING CODES.
- FIRE DAMPERS SHALL BE PROVIDED FOR ALL DUCTS AND OPENINGS WHICH PENETRATE FIRE RATED WALLS OR FIRE RATED CEILINGS.
- TOILET ROOMS SHALL BE EQUIPPED WITH VENTILATION SYSTEM PROVIDING A MINIMUM OF ONE COMPLETE AIR CHANGE FOR EACH 5 MINUTES.
- CEILING ACCESS PANELS SHALL BE PROVIDED BY THE MECHANICAL, FIRE SPRINKLER AND PLUMBING CONTRACTORS AND LOCATED BELOW ALL VALVES, DUCTWORK, FIRE DAMPERS, ETC., AND AS REQUIRED OR AS DIRECTED BY THE ARCHITECT.
- LOCATION OF ALL MECHANICAL ROOF OPENINGS SHALL BE DETERMINED OR VERIFIED BY THE MECHANICAL CONTRACTOR.
- AN OUTSIDE LABELED GAS SHUT-OFF VALVE(S) SHALL BE PROVIDED AS REQUIRED.
- FIRE SPRINKLERS SHALL BE REVIEWED AND APPROVED BY THE FIRE MARSHALL PRIOR TO INSTALLATION.

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- PIPE SLEEVES IN MECHANICAL EQUIPMENT ROOMS SHALL EXTEND 2" ABOVE THE FLOOR LINE. ELECTROLYSIS PROTECTION SHALL BE PROVIDED BETWEEN ALL DISSIMILAR METALS WHEREVER THE TWO ARE IN CONTACT.
- ALL CONTINUOUSLY CIRCULATING DOMESTIC HEATING, HOT WATER AND CHILLED WATER PIPING SHALL BE INSULATED AS REQUIRED.
- HORIZONTAL TRANSITIONS OCCURRING IN DUCT SHAFTS SHALL BE CONSTRUCTED PER REQUIREMENTS OF THE UNIFORM BUILDING CODE FOR REQUIRED FIRE RESISTANCE AND BE SUPPORTED OR SUSPENDED AS NECESSARY.

**SECURITY BUILDING STANDARDS**

- ALL WORK SHALL COMPLY WITH THE FOLLOWING SECURITY BUILDING STANDARDS:
  - GENERAL REQUIREMENTS - ALL BUILDINGS
    - SECURITY AND LOCKING DEVICES SHALL NOT CREATE HAZARDS TO LIFE BY OBSTRUCTING:
      - EXITWAYS OR MEANS OF EGRESS
      - EXIT DOORS EQUIPPED WITH "PANIC" HARDWARE
  - ASSEMBLIES AND SECURITY HARDWARE INSTALLED SHALL BE LABELED AND CERTIFIED AS MEETING UBC STANDARDS 7-2 & 10-4, OR OTHER APPROVED PERFORMANCE TESTING CRITERIA.
  - REQUIRED AREA LIGHTING AND ADDRESS IDENTIFICATION SHALL BE INSTALLED BEFORE FINAL INSPECTION IS CALLED FOR.
  - ILLUMINATION PER CODE REQUIREMENTS SHALL BE PROVIDED ON ALL EXTERIOR DOORS DURING ALL HOURS OF DARKNESS.
    - EXTERIOR DOOR PROVISIONS:
      - HINGES FOR OUT - SWINGING DOORS SHALL HAVE NONREMOVABLE EXTERIOR HINGE PINS.
      - DOUBLE DOORS WITH PANIC HARDWARE SHALL HAVE TWO LOCKING POINTS OR BE EQUIPPED WITH .125" THICK 2" WIDE ASTRAGAL AND A COORDINATING CLOSER MECHANISM.
    - WINDOW PROVISIONS:
      - GLAZING IN EXTERIOR DOORS OR WITHIN 40" OF ANY LOCKING MECHANISM SHALL BE TEMPERED OR BURGLARY RESISTANT
      - GLAZING AND GLAZED ASSEMBLIES FOR "ACCESSIBLE" OPENINGS SHALL BE CERTIFIED AS MEETING TEST PROVISIONS OF U.B.C. STANDARD 24-1.

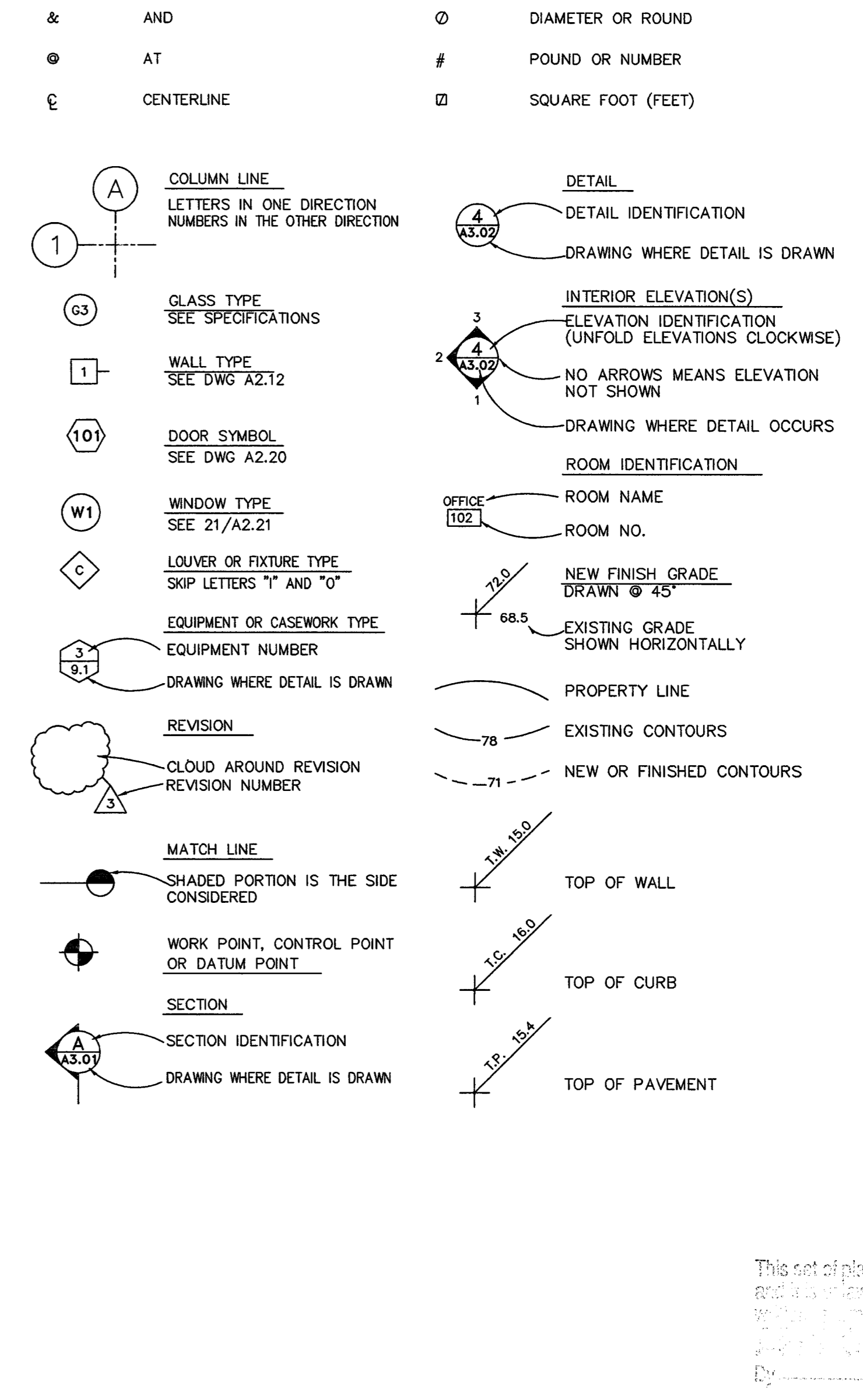
**ABBREVIATIONS**

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**ABBREVIATIONS**

<b>A</b> .B. ANCHOR BOLT	<b>M</b> . MACH. MACHINE
<b>A.D.</b> ADJUSTABLE	<b>MAT.</b> MATERIAL
<b>ADJ.</b> ADJUSTABLE	<b>MAX.</b> MAXIMUM
<b>ALUM.</b> ALUMINIUM	<b>M.B.</b> MACHINE BOLT
<b>ALT.</b> ALTERNATE	<b>M.C.</b> MECHANICAL CABINET
<b>APPROX.</b> APPROXIMATE	<b>MECH.</b> MECHANICAL
<b>ARCH.</b> ARCHITECT(U.R.A.L.)	<b>MFR.</b> MANUFACTURER
<b>ASPH.</b> ASPHALT	<b>MIN.</b> MINIMUM
<b>B</b> . BITUM. BITUMINOUS	<b>MIR.</b> MIRROR
<b>BLDG.</b> BUILDING	<b>MISCL.</b> MISCELLANEOUS
<b>BLK.</b> BLOCK	<b>M.O.</b> MASONRY OPENING
<b>BLKG.</b> BLOCKING	<b>M.TD.</b> MOUNTED
<b>BM.</b> BEAM	<b>MTL.</b> METAL
<b>BDT.</b> BOTTOM	<b>MULL.</b> MULLION
<b>B.U.R.</b> BUILT-UP ROOF	<b>N</b> (N) NEW
<b>CAB.</b> CABINET	<b>N.</b> NORTH
<b>C.B.</b> CATCH BASIN	<b>NO. OR #</b> NOT IN CONTRACT
<b>CEM.</b> CEMENT	<b>NOM.</b> NUMBER
<b>CER.</b> CERAMIC	<b>N.O.T.S.</b> NOT TO SCALE
<b>C.TILE</b> CERAMIC TILE	<b>O.C.</b> ON CENTER
<b>C.I.</b> CAST IRON	<b>O.D.</b> OUTSIDE DIAMETER (DIM.)
<b>C.J.</b> CAST IRON CONSTRUCTION (CONTROL) JOINT	<b>OFF.</b> OFFICE
<b>CLG.</b> CLEAR	<b>OPNG.</b> OPENING
<b>CLR.</b> CLEAR	<b>OPP.</b> OPPOSITE
<b>COL.</b> COLUMN	<b>P.C.</b> PRECAST
<b>CONC.</b> CONCRETE	<b>P.F.D.</b> POWDER DRIVEN FASTENER
<b>CONN.</b> CONNECTION	<b>PERF.</b> PERFORATED
<b>CONSTR.</b> CONSTRUCTION	<b>PNL.</b> PANEL
<b>CONT.</b> CONTINUOUS	<b>PL.</b> PLATE
<b>CORR.</b> CORRUGATED	<b>PLAS. LAM.</b> PLASTIC LAMINATE
<b>CTSK.</b> COUNTERSUNK	<b>PLYWD.</b> PLYWOOD
<b>CNTR.</b> CENTER	<b>P.M.F.</b> PRESSED METAL FRAME
<b>CTR.</b> CENTER	<b>PT.</b> POINT
<b>D</b> . DBL. DOUBLE	<b>P.T.D./R</b> PAPER TOWEL DISPENSER
<b>DEPT.</b> DEPARTMENT	<b>PART.</b> PARTITION
<b>D.F.</b> DRINKING FOUNTAIN	<b>P.T.R.</b> PAPER TOWEL RECEPTACLE
<b>DET.</b> DETAIL	<b>Q.T.</b> QUARRY TILE
<b>DIA.</b> DIAMETER	<b>R</b> . RISER/RADIUS
<b>DIAG.</b> DIAGONAL	<b>R.D.</b> ROOF DRAIN
<b>DIM.</b> DIMENSION	<b>REF.</b> REFERENCE
<b>DISP.</b> DISPENSER	<b>REFR.</b> REFRIGERATOR
<b>DN.</b> DOWN	<b>REINF.</b> REINFORCE(D), (ING)
<b>D.P.</b> DIMENSION POINT	<b>REQ'D.</b> REQUIRED
<b>DWR.</b> DRAWER	<b>RESID.</b> RESIDENT
<b>DS.</b> DOWNSPOUT	<b>R.O.</b> ROUGH OPENING
<b>D.S.P.</b> DRY STANDPIPE	<b>RDWD.</b> REDWOOD
<b>DRWG.</b> DRAWING	<b>R.W.L.</b> RAIN WATER LEADER
<b>E</b> . EA. EACH	<b>S</b> . S.C. SOLID CORE
<b>E.J.</b> EXPANSION JOINT	<b>S.C.D.</b> SEAT COVER DISPENSER
<b>EL.</b> ELEVATION	<b>SCHED.</b> SCHEDULE
<b>ELEC.</b> ELECTRICAL	<b>S.D.</b> SOAP DISPENSER
<b>ELEV.</b> ELEVATOR	<b>SECT.</b> SECTION
<b>ENCL.</b> ENCLOSURE	<b>SH.</b> SHELF
<b>ELEC.PNL.</b> ELECTRICAL PANEL	<b>SHR.</b> SHOWER
<b>E.O.S.</b> EDGE OF SLAB	<b>SHT.</b> SHEET
<b>EQ.</b> EQUIP. EQUIPMENT	<b>SHR.</b> SHOWER
<b>E.W.C.</b> ELECTRICAL WATER	<b>SHR.</b> SHOWER
	<b>SIM.</b> SIMILAR
	<b>S.M.</b> SIMILAR
	<b>S.N.D.</b> SANITARY NAPKIN DISPENSER
<b>EXIST. (E)</b> EXISTING	<b>S.N.R.</b> SANITARY NAPKIN RECEPTACLE
<b>EXP.</b> EXTERIOR	<b>SPA.</b> SPACE
<b>EXT.</b> EXTERIOR	<b>SPEC.</b> SPECIFICATION
<b>F</b> . F.A. FIRE ALARM	<b>SO.</b> SQUARE
<b>F.D.</b> FLOOR DRAIN	<b>ST. STL. OR SST.</b> STAINLESS STEEL
<b>FBN.</b> FOUNDATION	<b>S.S.</b> SERVICE SINK
<b>F.E.</b> FIRE EXTINGUISHER	<b>STL.</b> STEEL
<b>F.E.C.</b> FIRE EXTINGUISHER CAB. FINISH FLOOR	<b>STOR.</b> STORAGE
<b>F.F.</b> FINISH FLOOR	<b>STRCT. OR STR.</b> STRUCTURAL
<b>F.H.C.</b> FIRE HOSE CABINET	<b>SUSP.</b> SUSPENDED(D)
<b>F.H.W.S.</b> FLAT HEAD WOOD SCREW	<b>S.S.</b> SYMMETRICAL
<b>FIN.</b> FINISH	<b>SW. BD.</b> SWITCHBOARD
<b>FLASH.</b> FLASHING	
<b>FLOOR.</b> FLOOR	<b>T</b> . TREAD
<b>F.LR.</b> FLOURESCENT	<b>T.D.</b> TRENCH DRAIN
<b>F.Q.C.</b> FACE OF CONCRETE	<b>TEL.</b> TELEPHONE
<b>F.O.F.</b> FACE OF FINISH	<b>TEMP.</b> TEMPERED
<b>F.O.S.</b> FACE OF STUD	<b>T. &amp; G.</b> TONGUE AND GROOVE
<b>F.O.W.</b> FACE OF WALL	<b>THK.</b> THICK(NESS)
<b>FR.</b> FRAME	<b>T.O.B.</b> TOP OF BEAM
<b>F.T.</b> FIRE-RETARDANT TREATED	<b>T.O.C.</b> TOP OF CURB
<b>FT.</b> FOOT OR FEET	<b>T.O.S.</b> TOP OF STEEL
<b>FTG.</b> FOOTING	<b>T.O.P.</b> TOP OF PAVEMENT/PARAPET
<b>FURR.</b> FURRING	<b>T.O.R.</b> TOP OF ROOF
	<b>T.O.W.</b> TOP OF WALL
<b>G</b> . GA. GAUGE	<b>T.P.D.</b> TOILET PAPER DISPENSER
<b>GALV.</b> GALVANIZED	<b>TRNS.</b> TRANSFORMER
<b>GL.</b> GALVANIZED IRON	<b>T.V.</b> TELEVISION
<b>GL.</b> GLASS	<b>TYP.</b> TYPICAL
<b>GND.</b> GROUND	
<b>GYP.</b> GYPSUM	<b>U</b> . UNLESS NOTED OTHERWISE
<b>GYP. BD.</b> GYPSUM BOARD	<b>UR.</b> URINAL
	<b>U/S.</b> UNDERSIDE
<b>H</b> . H.B. HOSE BIBB	<b>V</b> . V.C.T. VINYL COMPOSITION TILE
<b>H.C.</b> HOLLOW CORE	<b>VERT.</b> VERTICAL
<b>HDWD.</b> HARDWOOD	<b>VEST.</b> VESTIBULE
<b>H.M.</b> HOLLOW METAL	
<b>HORIZ.</b> HORIZONTAL	<b>W</b> . WITH
<b>HR.</b> HOUR	<b>W.C.</b> WATER CLOSET
<b>HST.</b> HEIGHT	<b>WD.</b> WOOD
	<b>W.D.W.</b> WINDOW
<b>I</b> . I.D. INSIDE DIAMETER (DIM.)	<b>W/O.</b> WITHOUT
<b>INSUL.</b> INSULATION	<b>W.P.</b> WATERPROOF
<b>INT.</b> INTERIOR	<b>W.P.</b> WAINSCOT
<b>J</b> . JAN. JANITOR	<b>WT.</b> WEIGHT
<b>JT.</b> JOINT	<b>W.W.F.</b> WELDED WIRE FABRIC
<b>L</b> . LAM. LAMINATE	<b>W/R.</b> WATER RESISTANT
<b>LAV.</b> LAVATORY	
<b>LBS.</b> POUNDS	<b>Y</b> . YD. YARD
<b>LVR.</b> LOUVER	

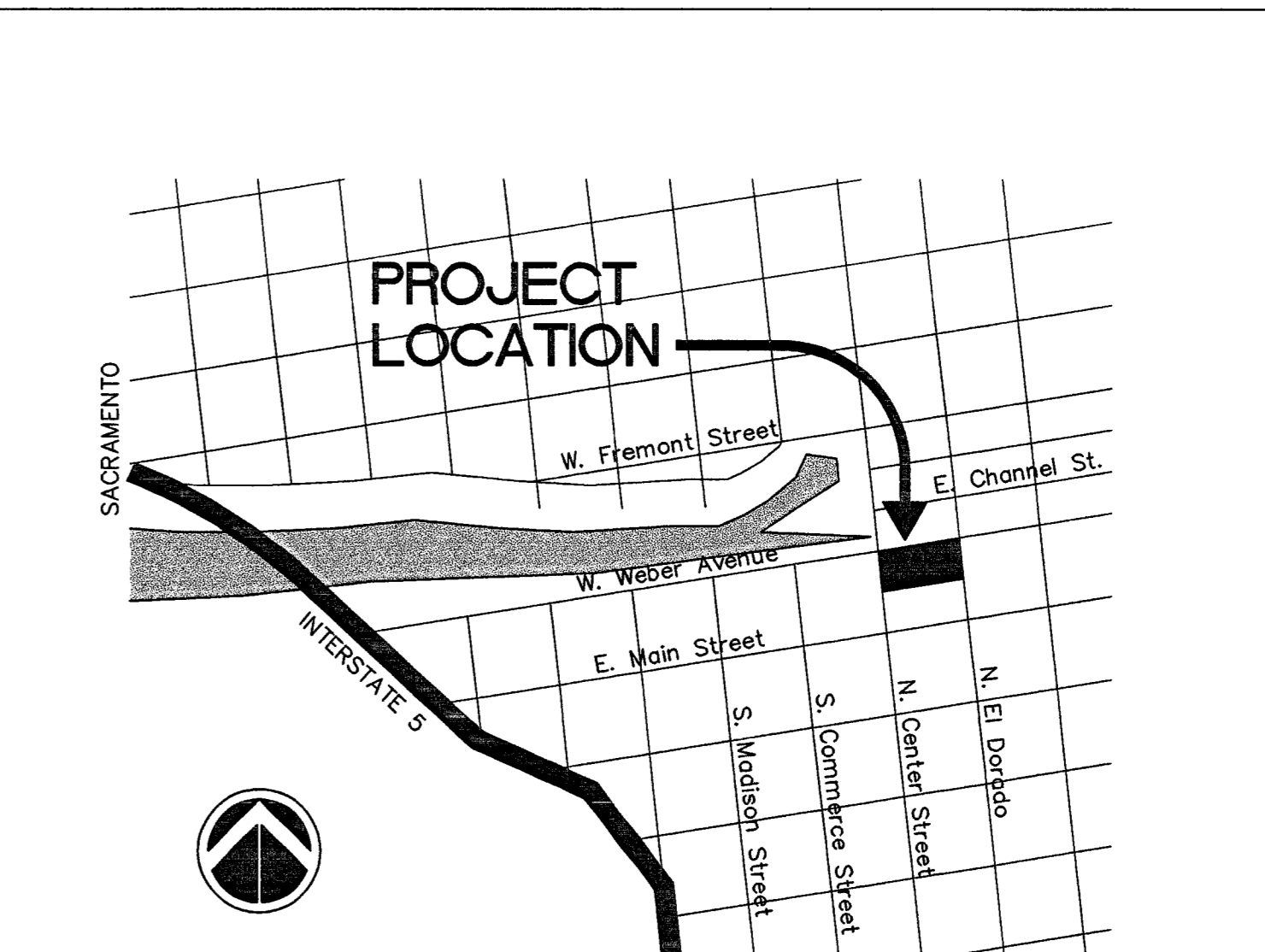
**SYMBOLS**



**ENVELOPE MANDATORY MEASURES**

- INSTALLED INSULATING MATERIAL SHALL HAVE BEEN CERTIFIED BY THE MANUFACTURER TO COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL.
- ALL INSULATING MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF SECTION 707 OF THE UBC.
- ALL EXTERIOR JOINTS AND OPENINGS IN THE BUILDING ENVELOPE THAT ARE OBSERVABLE SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED OR OTHERWISE SEALED.
- SITE CONSTRUCTED DOORS, WINDOWS AND SKYLIGHTS SHALL BE CAULKED BETWEEN THE UNIT AND THE BUILDING, AND SHALL BE WEATHERSTRIPPED (EXCEPT FOR UNFRAMED GLASS DOORS AND FIRE DOORS).
- MANUFACTURED DOORS AND WINDOWS SHALL HAVE AIR INFILTRATION RATES CERTIFIED BY THE MANUFACTURER PER 116 (a) (1) OF THE ENERGY EFFICIENCY STANDARDS.
- MANUFACTURED FENESTRATION PRODUCTS MUST BE LABELED FOR U-VALUE ACCORDING TO NFRC PROCEDURES.
- DEMISING WALL INSULATION (R-11) SHALL BE INSTALLED IN ALL OPAQUE PORTIONS OF FRAMED WALLS, (EXCEPT DOORS).

**VICINITY MAP**



**ENGLISH HARPER RETA ARCHITECTS**

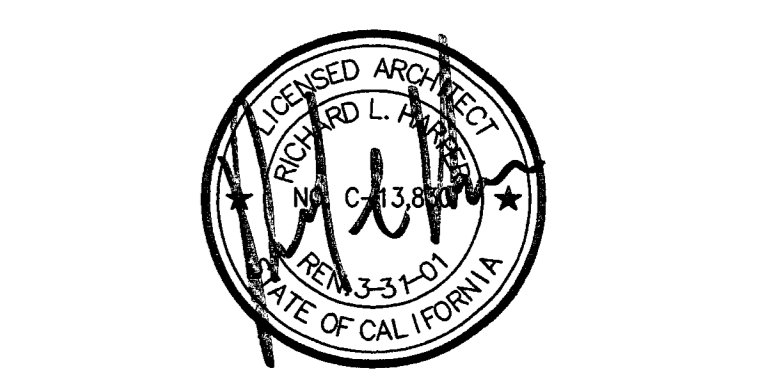
580 UNIVERSITY AVENUE SUITE 100  
SACRAMENTO, CA 95825 (916) 568-1821

THIS DRAWING IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL IT IS SIGNED BY THE ARCHITECT AND THE OWNER.

ARCHITECT  
EDWARD F. ENGLISH C-10399  
RICHARD L. HARPER C-13830  
RONALD A. RETA C-9879

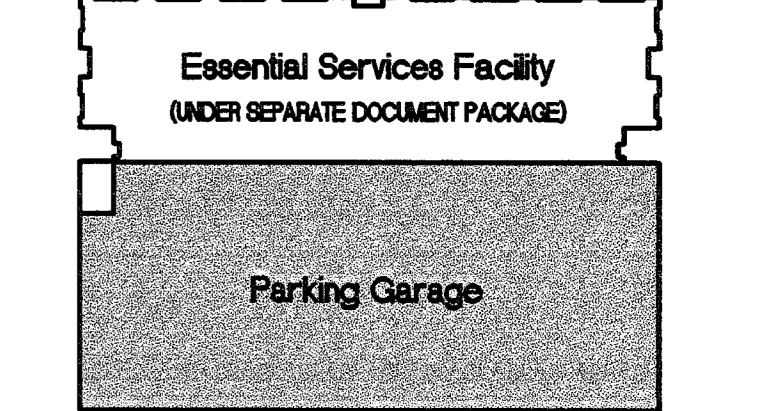
OWNER

CONTRACTOR



This set of plans and specifications is to be used for construction of the project shown hereon. It is not to be used for any other purpose without the written consent of English Harper Reta Architects. The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable laws, codes, and regulations. The contractor shall also be responsible for obtaining all necessary approvals from the appropriate authorities. The contractor shall also be responsible for obtaining all necessary approvals from the appropriate authorities.

**JOB SITE COPY**



**KEY PLAN**

1-13-2000 **3** OVERALL PERMIT SET

11-15-99 **2** OVERALL PLAN CHECK SET

10-18-99 **1** PROGRESS SET

DATE NO. DESCRIPTION

REVISIONS

DRAWN BY

CHECKED BY



Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

**ABBREVIATIONS, SYMBOLS, AND MATERIALS LEGEND**

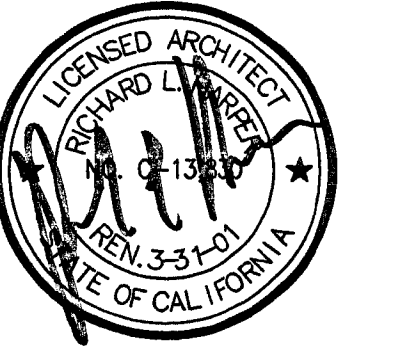
PROJECT NO. DRAWING NO.

98113  
CADFILE A0.02G.DWG  
DATE 7 SEPTEMBER 1999

**A0.02G**



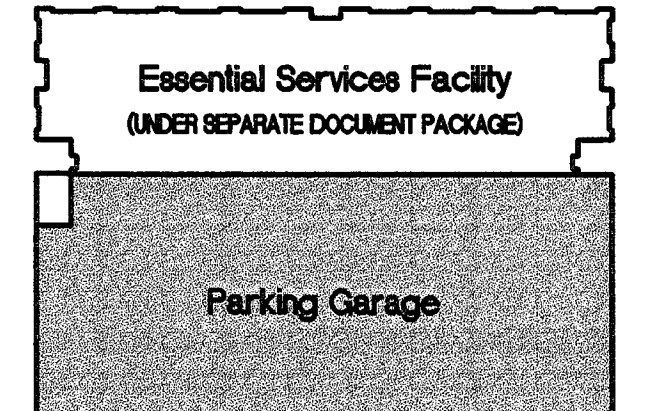
OWNER \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_



**Turner**  
Construction Company

This set of plans and specifications is prepared for the use of the contractor and is not to be used for any other purpose without the written consent of the architect. The contractor shall be responsible for obtaining all necessary permits and for the construction of the project in accordance with the approved plans and specifications. The contractor shall not be permitted to make any changes or alterations without the written approval of the architect.

JOB SITE COPY



KEY PLAN

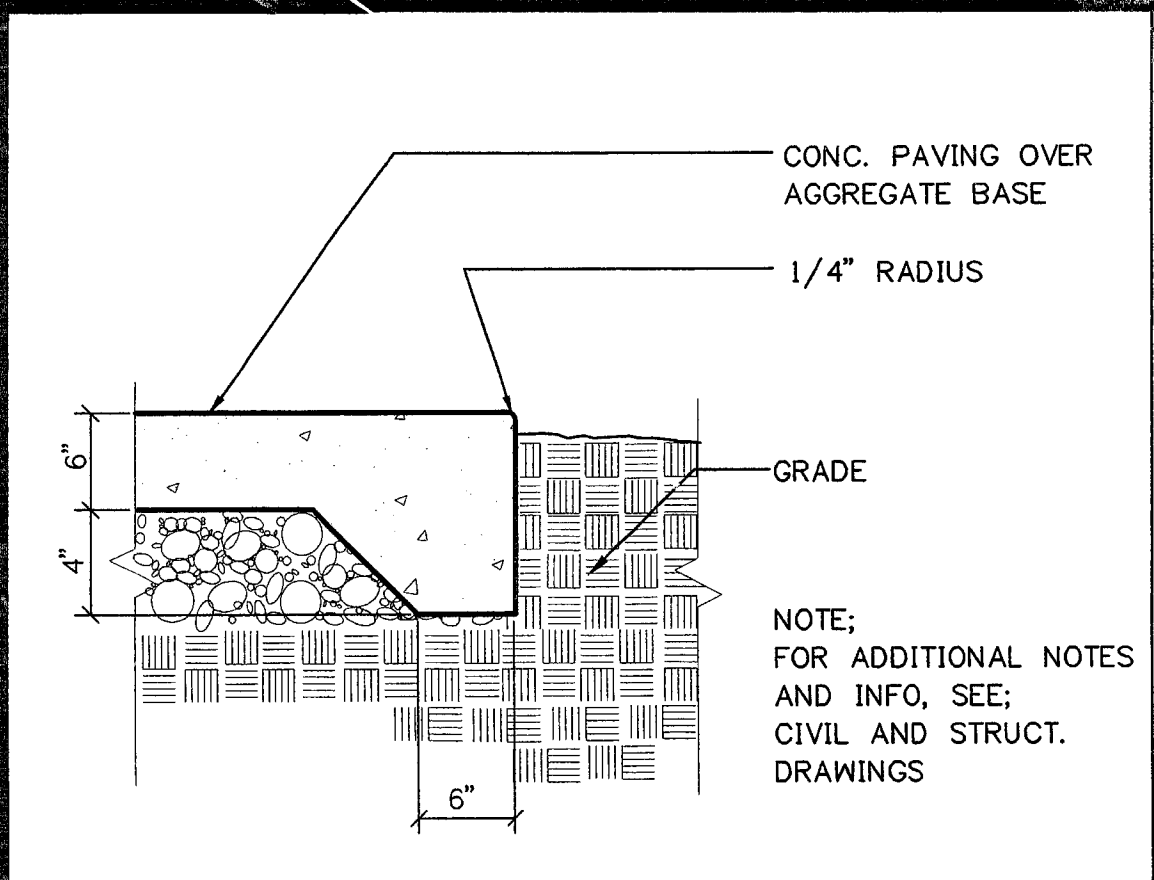
11-13-2000	3	OVERALL PERMIT SET
11-15-99	2	OVERALL PLAN CHECK SET
10-18-99	1	PROGRESS SET

DATE	NO.	DESCRIPTION
REVISIONS		
DRAWN BY: JM		
CHECKED BY: SH		

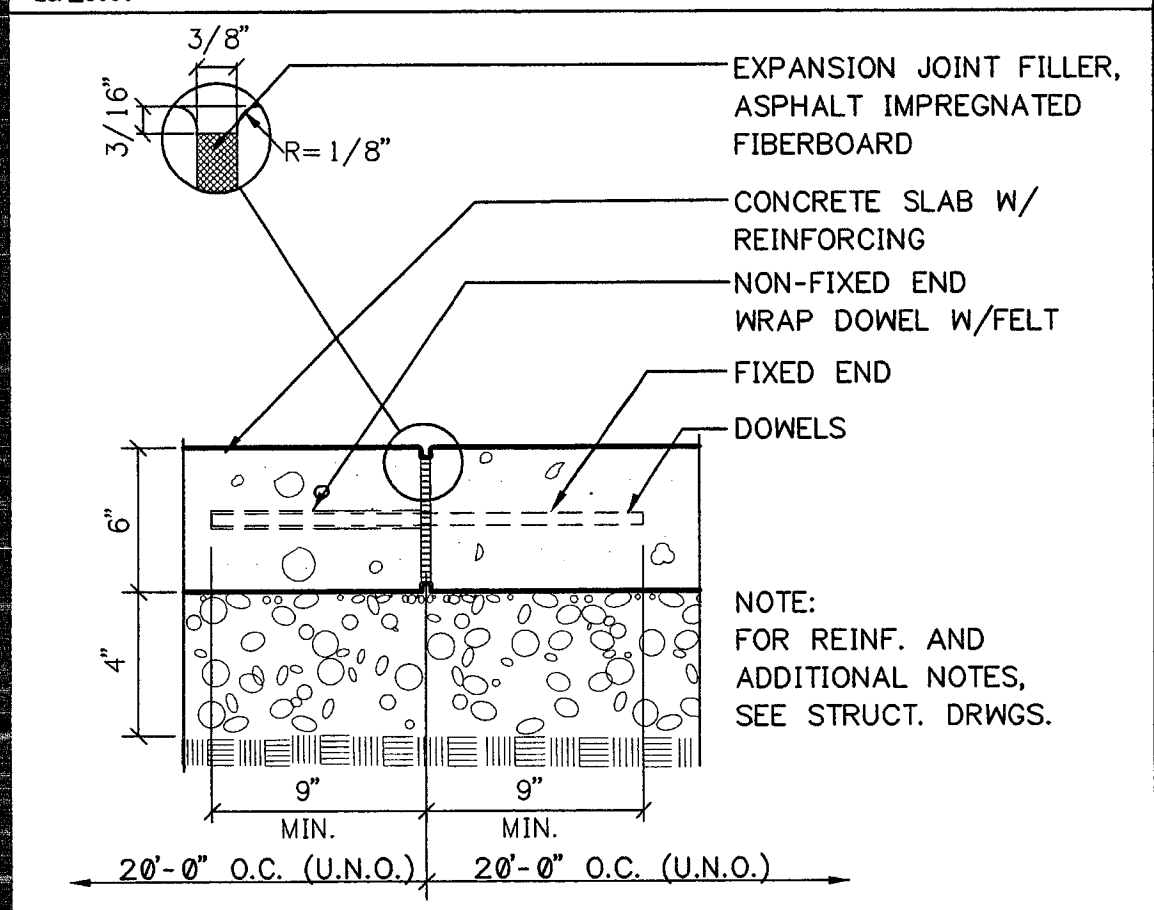


Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

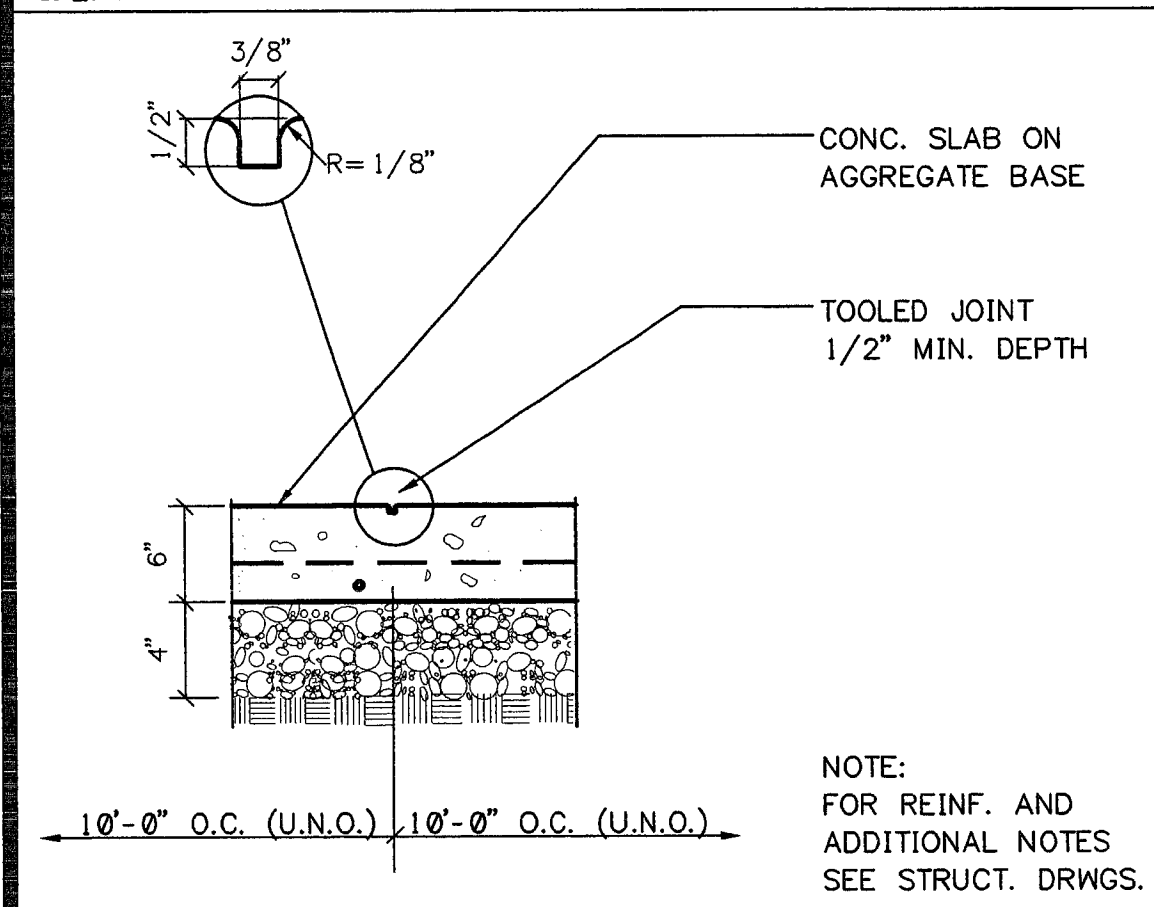
SITE PLAN



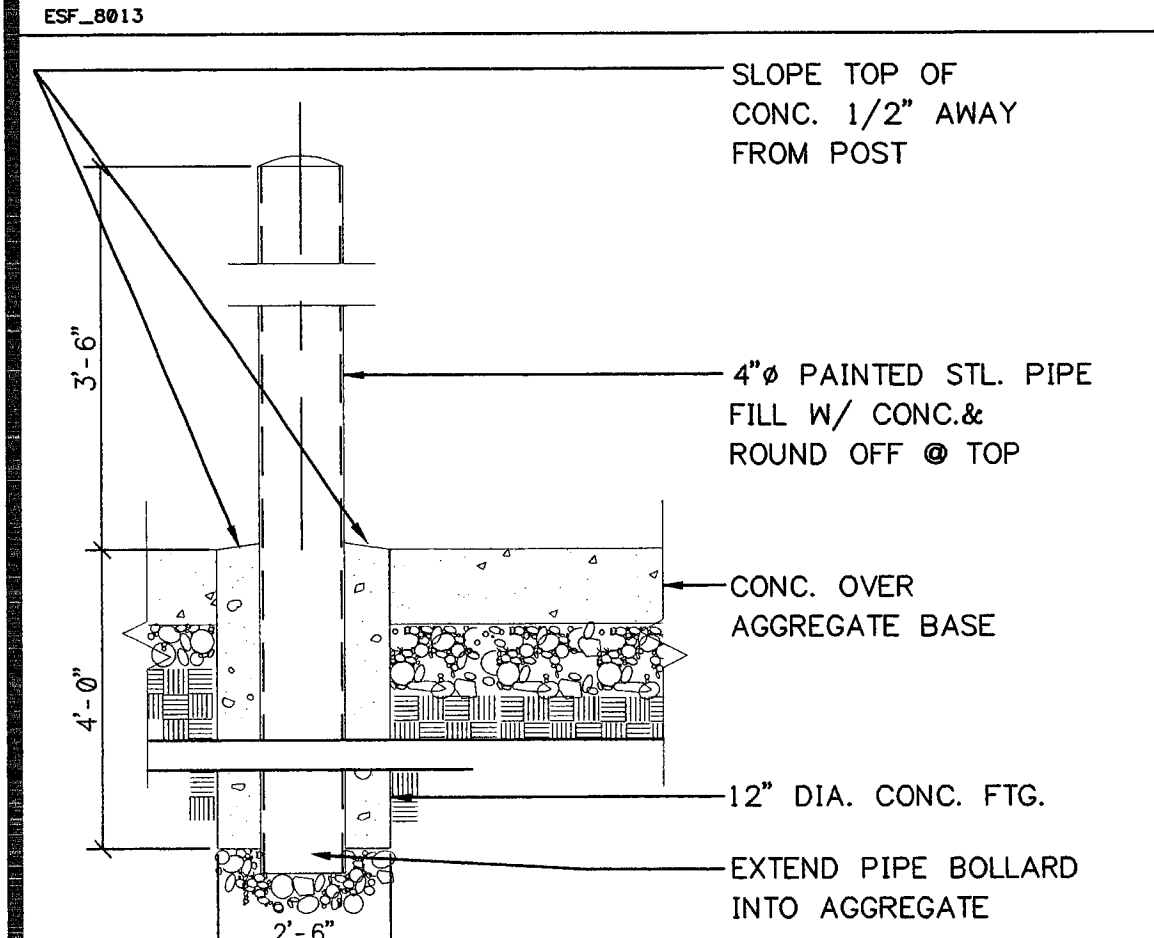
26 CONC. APRON OR RAMP  
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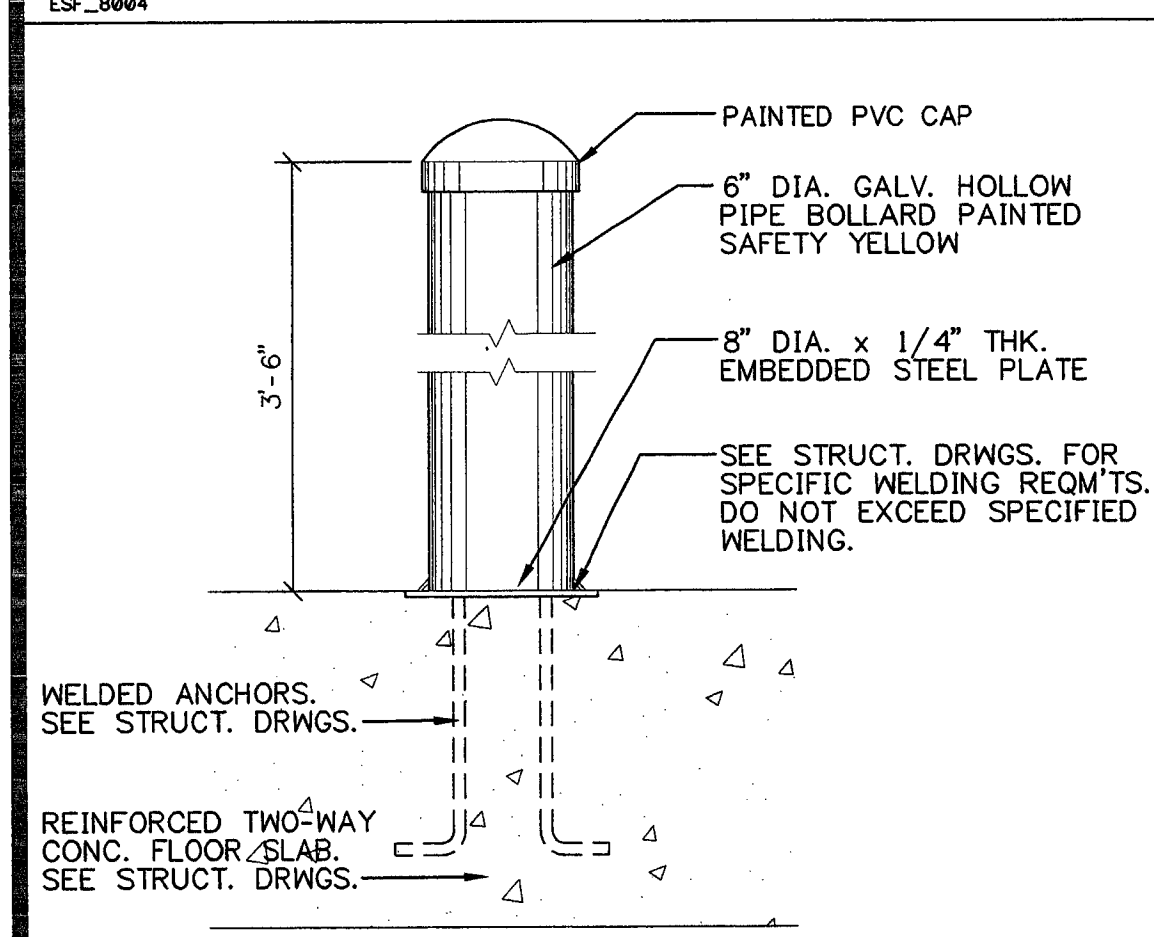
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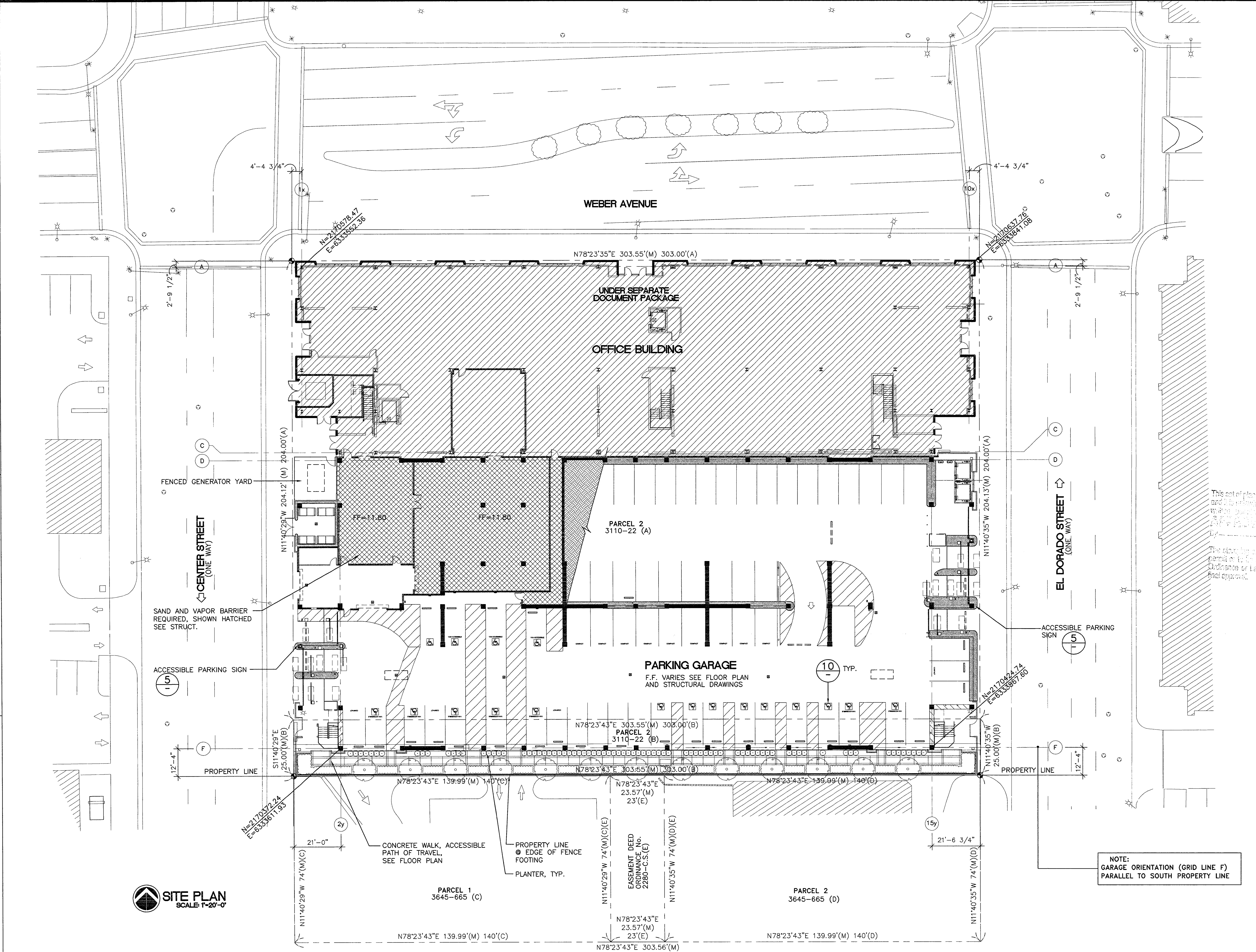
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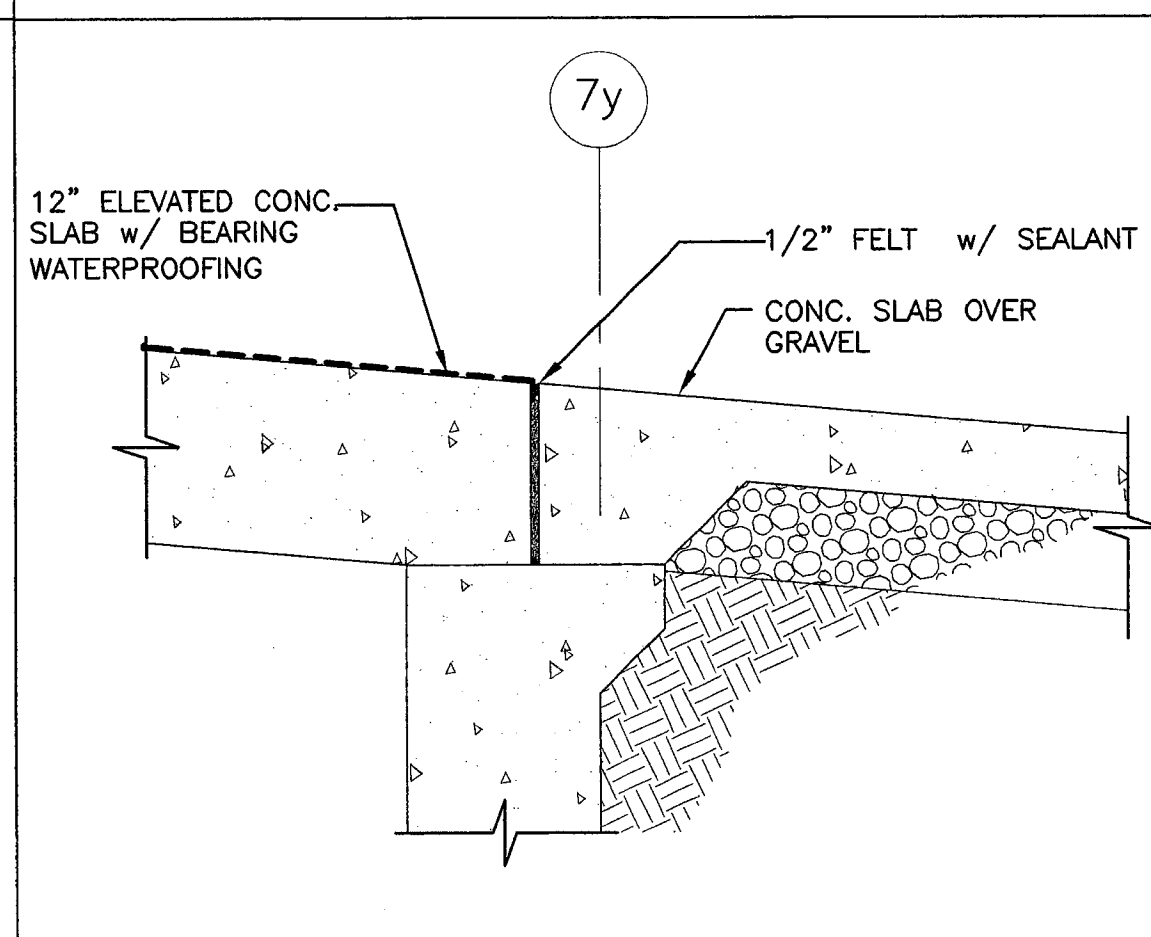
29 BOLLARD  
 A1.01G 3/8"=1'-0"



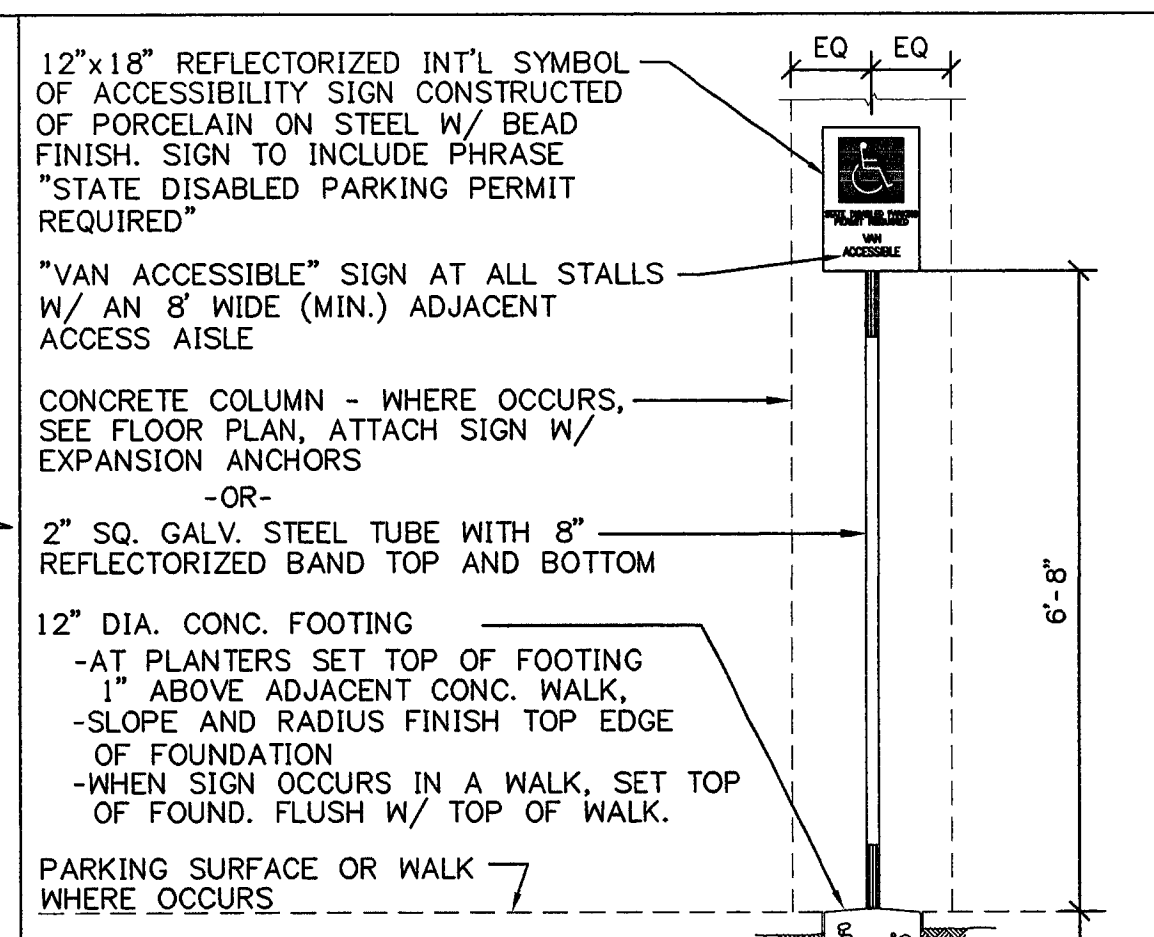
30 BREAK AWAY BOLLARD  
 A1.01G 1 1/2"=1'-0"



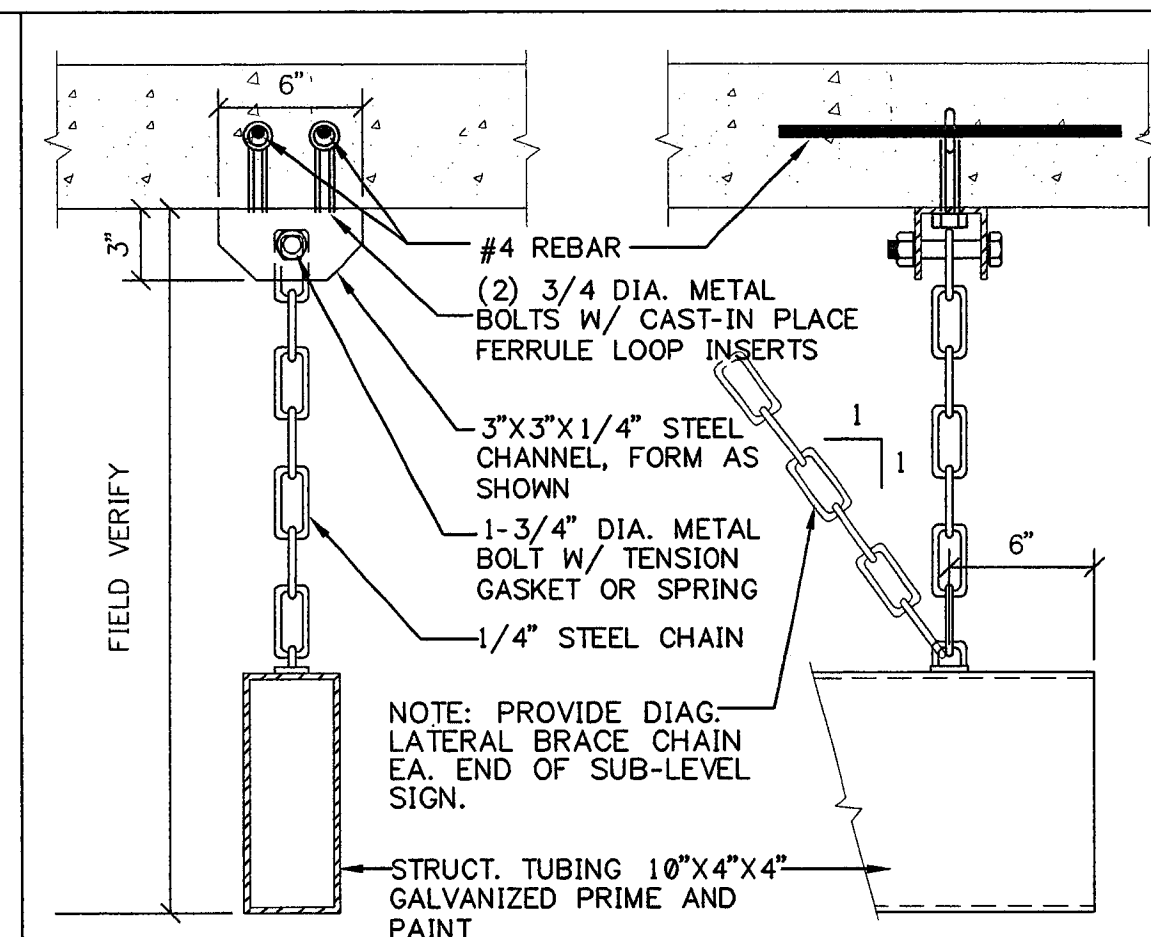
SITE PLAN  
 SCALE 1"=20'-0"



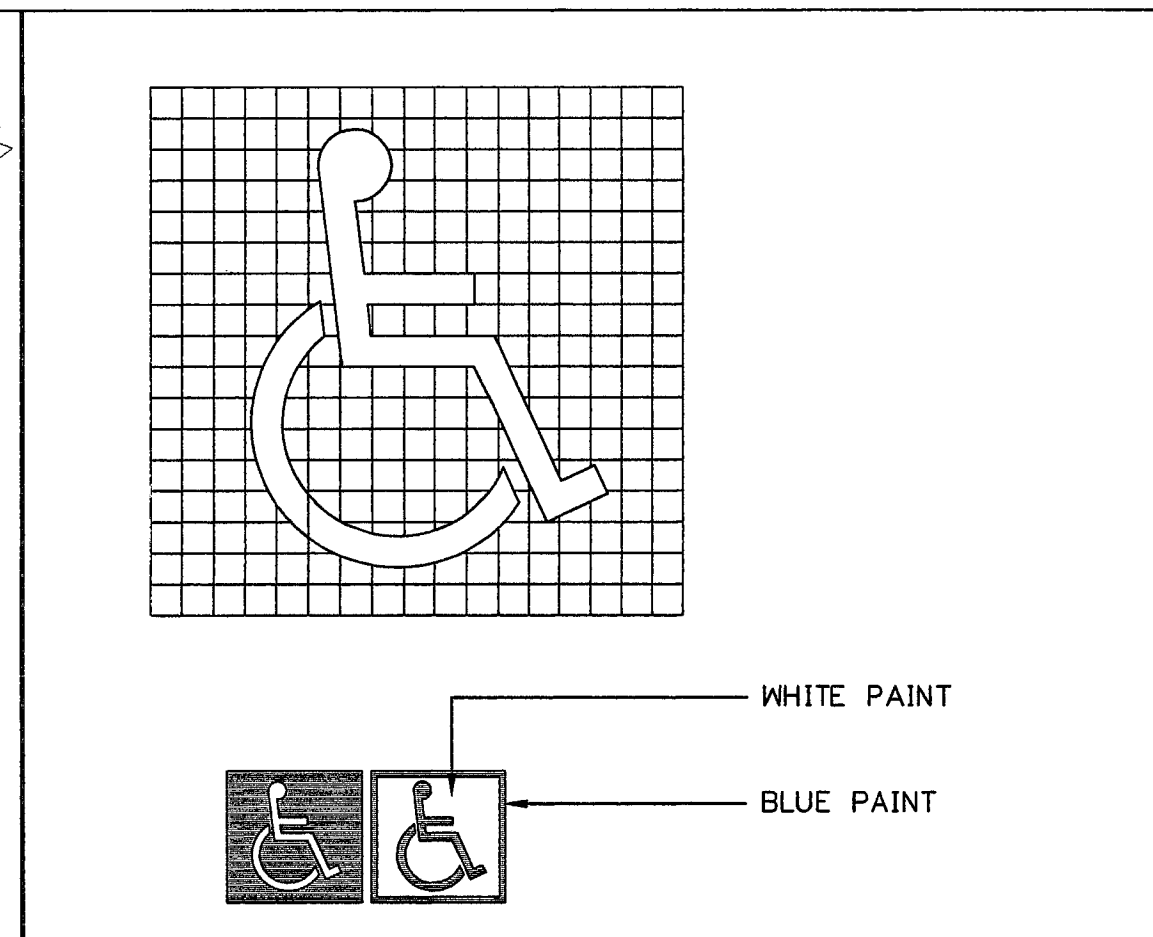
25 SLAB WATERPROOFING  
 A1.01G 1"=1'-0"



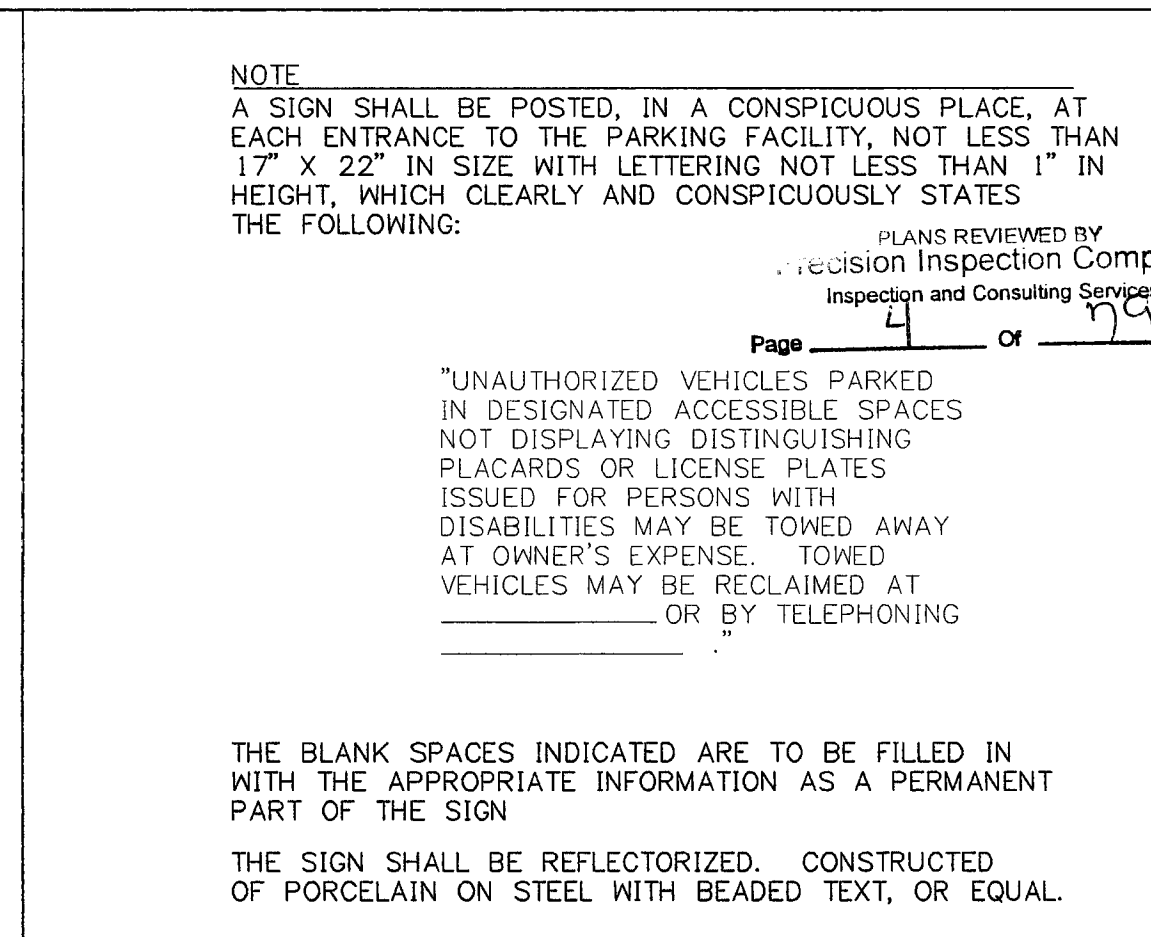
20 ACCESSIBLE PKG. SIGN  
 A1.01G 1/2"=1'-0"



15 SUSPENDED SIGN  
 A1.01G 1 1/2"=1'-0"

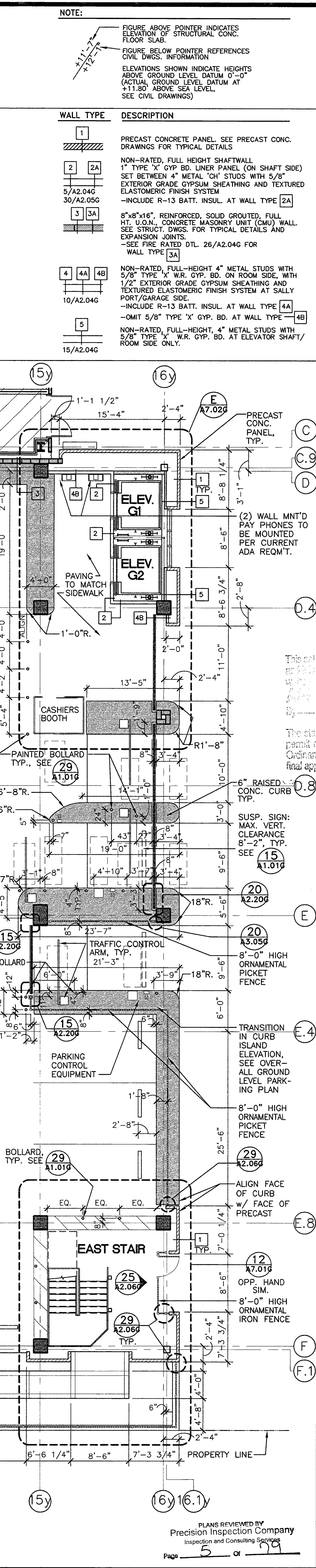
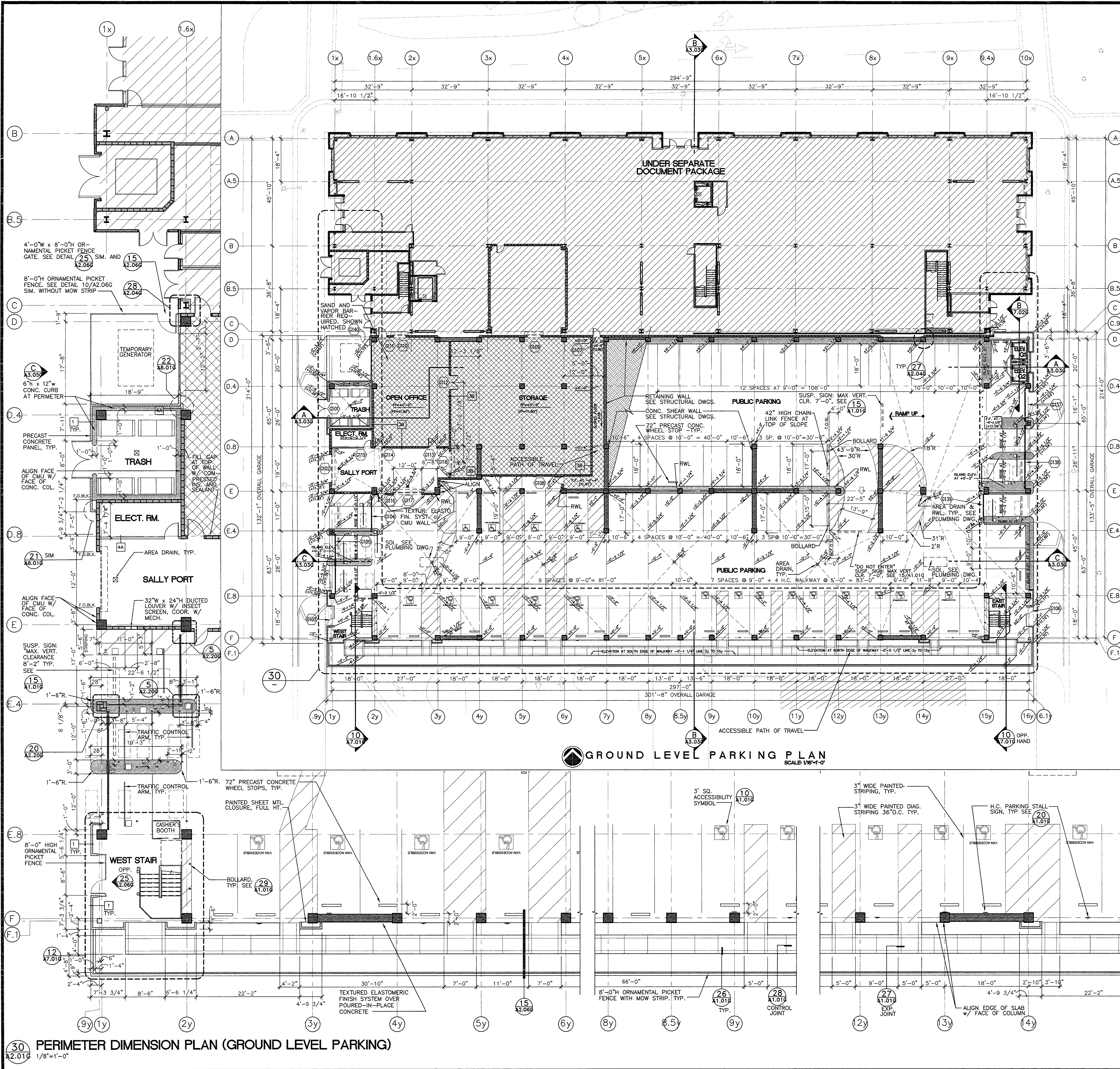


10 INTERNATIONAL SYMBOL OF ACCESSIBILITY  
 A1.01G 1/2"=1'-0"



5 ACCESSIBLE PARKING SIGN  
 A1.01G N.T.S.





**NOTE:**

- FIGURE ABOVE POINTER INDICATES ELEVATION OF STRUCTURAL CONC. FLOOR SLAB.
- FIGURE BELOW POINTER REFERENCES CIVIL DWGS. INFORMATION.
- ELEVATIONS SHOWN INDICATE HEIGHTS ABOVE GROUND LEVEL DATUM @ 0'-0" (ACTUAL GROUND LEVEL DATUM AT +11.80' ABOVE SEA LEVEL. SEE CIVIL DRAWINGS).

WALL TYPE	DESCRIPTION
1	PRECAST CONCRETE PANEL. SEE PRECAST CONC. DRAWINGS FOR TYPICAL DETAILS.
2	NON-RATED, FULL HEIGHT SHAFTWALL.
2A	1" TYPE 'X' GYP. BD. LINER PANEL (ON SHAFT SIDE) SET BETWEEN 4" METAL 'CH' STUDS WITH 5/8" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM -INCLUDE R-13 BATT. INSUL. AT WALL TYPE [2A]
3	8"x8"x16" REINFORCED, SOLID GROUTED, FULL HT. U.O.N. CONCRETE MASONRY UNIT (CMU) WALL. SEE STRUCT. DWGS. FOR TYPICAL DETAILS AND EXPANSION JOINTS. -SEE FIRE RATED DTL. 26/A2.04G FOR WALL TYPE [3A]
4	NON-RATED, FULL-HEIGHT 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. ON ROOM SIDE, WITH 1/2" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM AT SALLY PORT/GARAGE SIDE. -INCLUDE R-13 BATT. INSUL. AT WALL TYPE [4A]
4A	OMIT 5/8" TYPE 'X' GYP. BD. AT WALL TYPE [4B]
5	NON-RATED, FULL-HEIGHT, 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. AT ELEVATOR SHAFT/ ROOM SIDE ONLY.

**GROUND LEVEL PARKING PLAN**  
SCALE: 1/16"=1'-0"

**PERIMETER DIMENSION PLAN (GROUND LEVEL PARKING)**  
SCALE: 1/8"=1'-0"

**ENGLISH HARPER RETA**  
ARCHITECTS

580 UNIVERSITY AVENUE SUITE 100  
SACRAMENTO, CA 95825 (916) 568-1821

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ARCHITECT: EDWARD P. ENGLISH C-10399  
RICHARD L. HARRER C-13830  
RONALD A. RETA C-9879

OWNER: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

**Turner**  
Construction Company

**JOB SITE COPY**

Essential Services Facility  
(UNDER SEPARATE DOCUMENT PACKAGE)

Parking Garage

**KEY PLAN**

1-13-2000 OVERALL PERMIT SET  
11-15-99 OVERALL PLAN CHECK SET  
10-18-99 PROGRESS SET

DATE NO. DESCRIPTION

REVISIONS

DRAWN BY \_\_\_\_\_

CHECKED BY \_\_\_\_\_

**5**  
Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

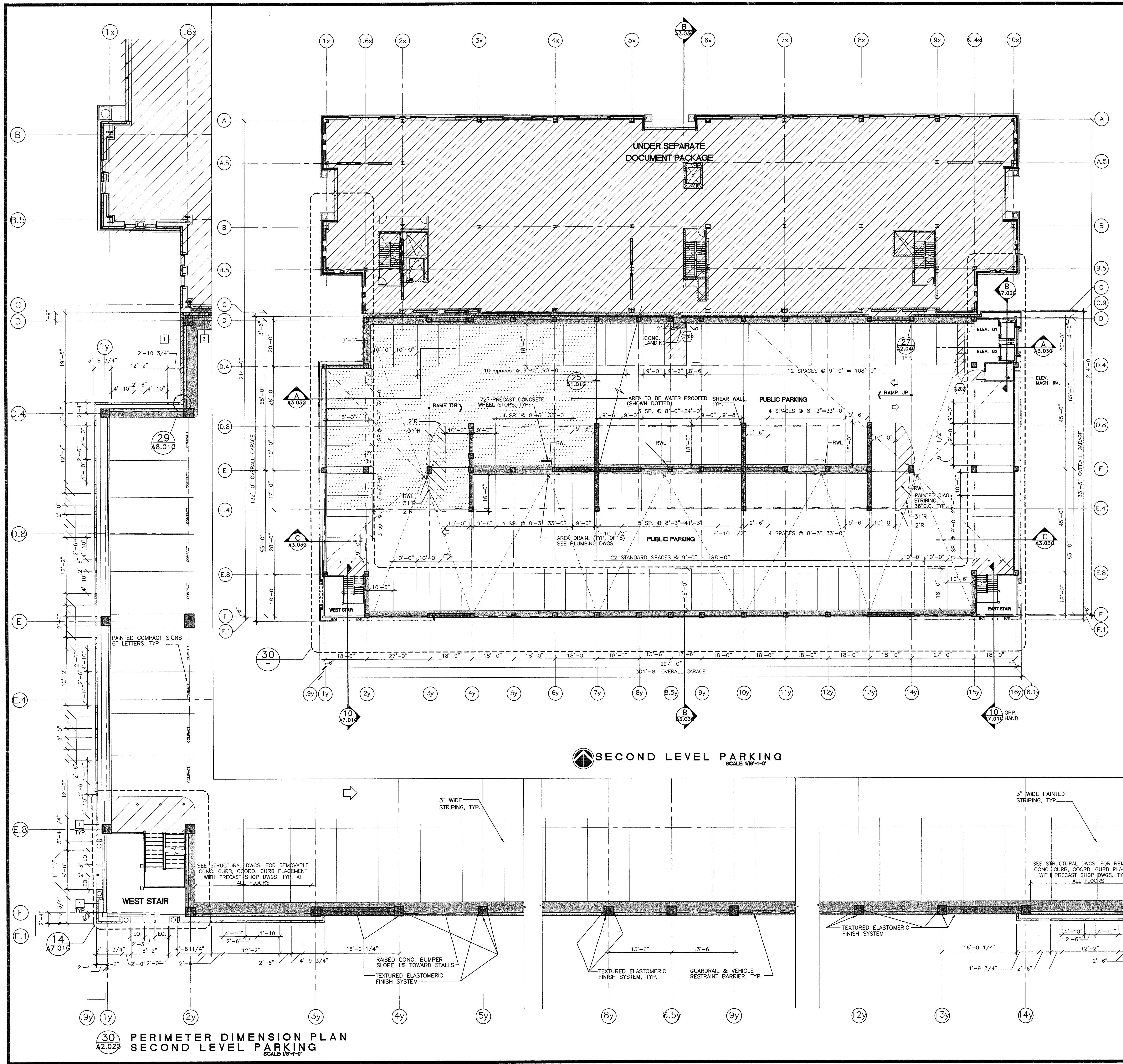
DRAWING

**GROUND LEVEL PARKING PLAN**

PROJECT NO. 98113 DRAWING NO. A2.01G  
CADFILE A2.01G  
DATE 7 SEPTEMBER 1999

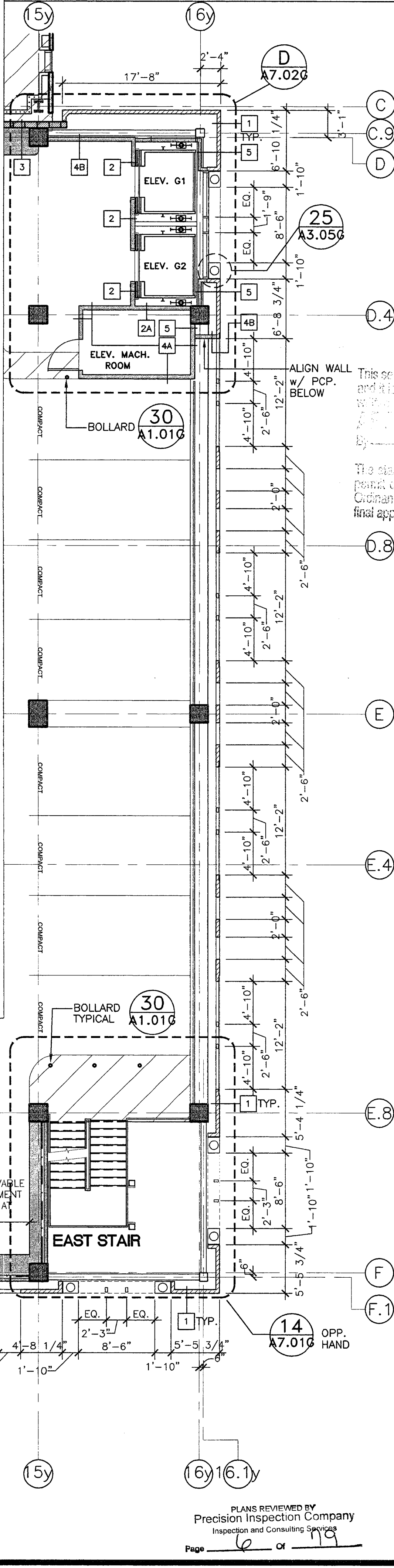
PLANS REVIEWED BY  
Precision Inspection Company  
Inspection and Consulting Services  
Page 5 of 19





NOTES:  
1. SEE STRUCTURAL FLOOR PLANS FOR CONCRETE DECK SPOT ELEVATIONS

WALL TYPE	DESCRIPTION
1	PRECAST CONCRETE PANEL. SEE PRECAST CONCR. DRAWINGS FOR TYPICAL DETAILS
2	NON-RATED, FULL-HEIGHT SHAFTWALL. 1" TYPE 'X' GYP. BD. LINER PANEL (ON SHAFT SIDE). SET BETWEEN 4" METAL 'CH' STUDS WITH 5/8" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM. -INCLUDE R-13 BATT. INSUL. AT WALL TYPE [2A]
3	8"x8"x16", REINFORCED, SOLID GROUTED, FULL HT. U.O.N. CONCRETE MASONRY UNIT (CMU) WALL. SEE STRUCT. DWGS. FOR TYPICAL DETAILS AND EXPANSION JOINTS. -SEE FIRE RATED DTL. 28/A2.046 FOR WALL TYPE [3A]
4	NON-RATED, FULL-HEIGHT 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. ON ROOM SIDE, WITH 1/2" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM AT SALLY PORT/GARAGE SIDE. -INCLUDE R-13 BATT. INSUL. AT WALL TYPE [4A] -OMIT 5/8" TYPE 'X' GYP. BD. AT ELEVATOR SHAFT/ROOM SIDE ONLY.
5	NON-RATED, FULL-HEIGHT 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. AT ELEVATOR SHAFT/ROOM SIDE ONLY.



**ENGLISH HARPER RETA**  
ARCHITECTS

580 UNIVERSITY AVENUE SACRAMENTO, CA 95825 (916) 388-1821 SUITE 100 (916) 388-1821

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ARCHITECT: EDWARD P. ENGLISH (C-10399), RICHARD L. HARPER (C-13830), RONALD A. RETA (C-9878)

OWNER: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

**Turner**  
Construction Company

**JOB SITE COPY**

Essential Services Facility (UNDER SEPARATE DOCUMENT PACKAGE)

Parking Garage

**KEY PLAN**

1-13-2000 3 OVERALL PERMIT SET  
11-15-99 2 OVERALL PLAN CHECK SET  
10-18-99 1 PROGRESS SET

DATE NO. DESCRIPTION

REVISIONS

DRAWN BY: JM  
CHECKED BY: BH

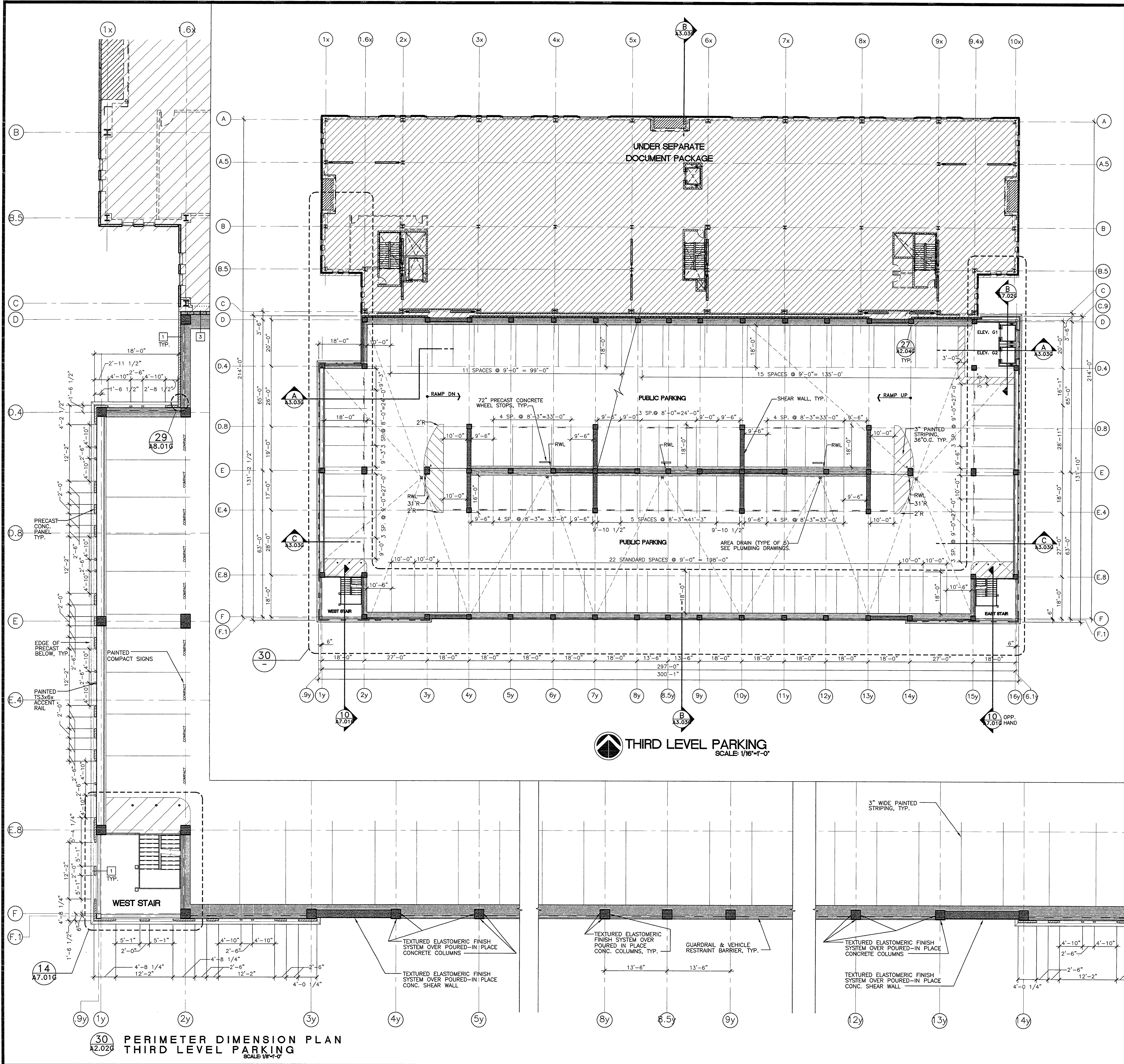
15 North El Dorado Street, Stockton, California  
Parking Garage  
PROGRESS PRINT

**SECOND LEVEL PARKING PLAN**

PROJECT NO. 98113 DRAWING NO. A2.02G  
CADFILE A2.02G  
DATE 7 SEPTEMBER 1999

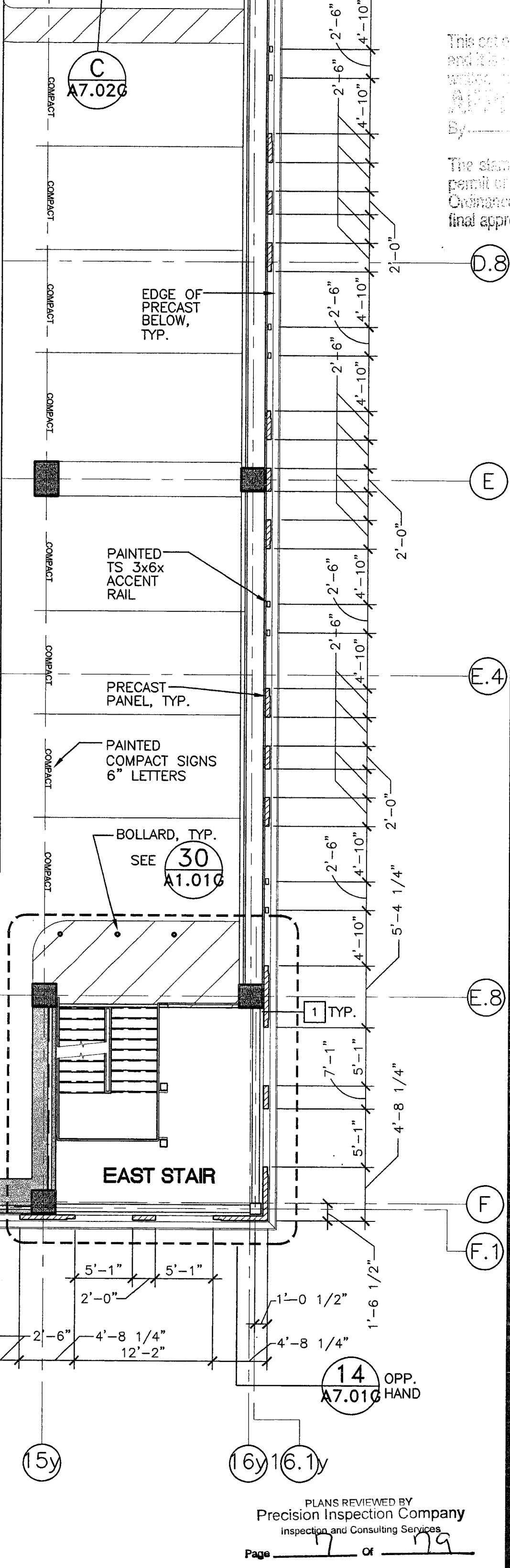
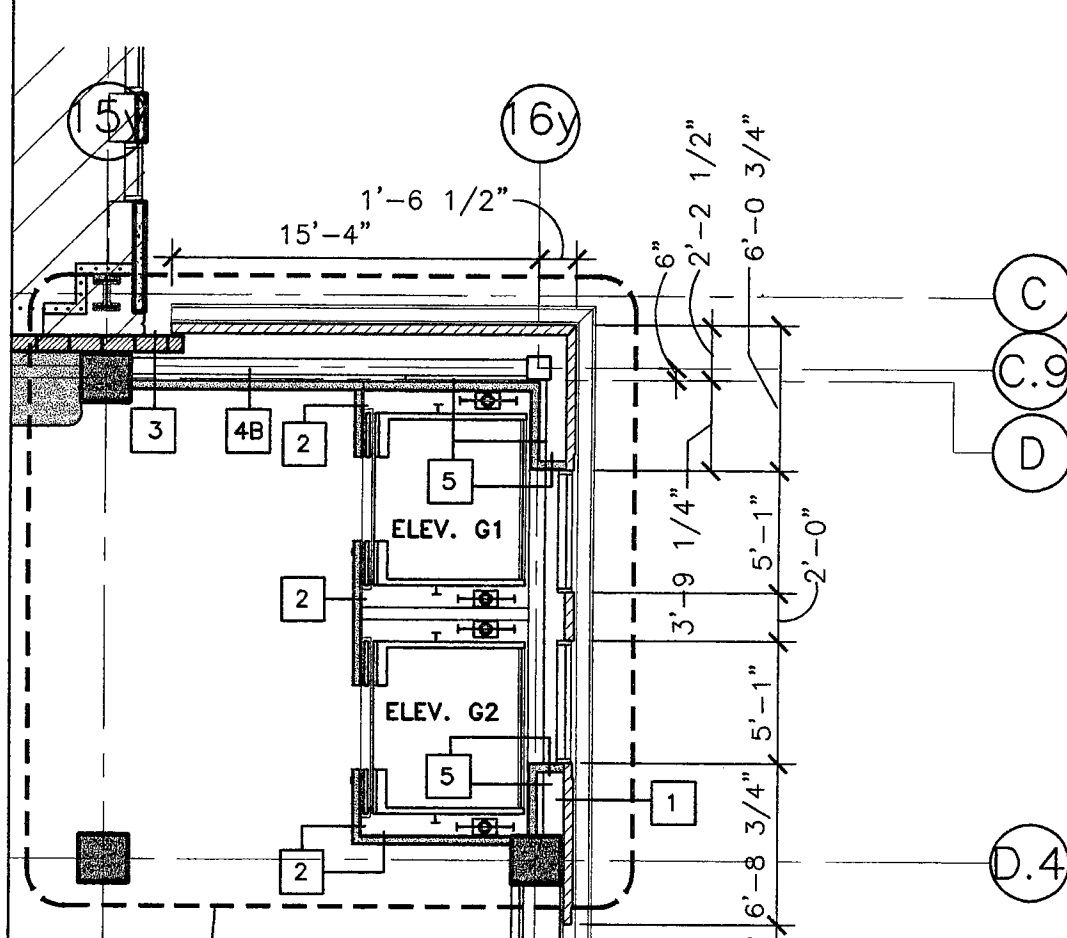
PLANS REVIEWED BY: Precision Inspection Company  
Inspection and Consulting Services  
Page 12 of 119





NOTES:  
1. SEE STRUCTURAL FLOOR PLANS FOR CONCRETE DECK SPOT ELEVATIONS

WALL TYPE	DESCRIPTION
1	PRECAST CONCRETE PANEL. SEE PRECAST CONC. DRAWINGS FOR TYPICAL DETAILS
2	NON-RATED, FULL HEIGHT SHAFT WALL. 1" TYPE 'X' GYP. BD. LINER PANEL (ON SHAFT SIDE) SET BETWEEN 4" METAL 'CH' STUDS WITH 5/8" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM. INCLUDE R-13 BATT. INSUL. AT WALL TYPE [2]
3	8"x8"x16", REINFORCED, SOLID GROUTED, FULL HT. U.O.N. CONCRETE MASONRY UNIT (CMU) WALL. SEE STRUCT. DWGS. FOR TYPICAL DETAILS AND EXPANSION JOINTS. -SEE FIRE RATED DTL. 26/A2.04G FOR WALL TYPE [3]
4	NON-RATED, FULL HEIGHT 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. ON ROOM SIDE, WITH 1/2" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM AT SALLY PORT/GARAGE SIDE. -INCLUDE R-13 BATT. INSUL. AT WALL TYPE [4]
5	NON-RATED, FULL HEIGHT, 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. AT ELEVATOR SHAFT/ROOM SIDE ONLY.



ENGLISH HARPER RETA ARCHITECTS

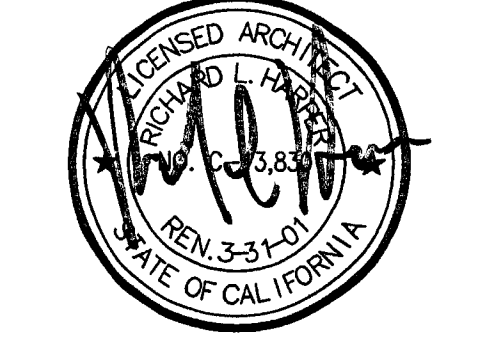
580 UNIVERSITY AVENUE SACRAMENTO, CA 95825 (916) 568-1821  
SUITE 100 (916) 568-1821

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ARCHITECT  
EDWARD P. ENGLISH C-10399  
RICHARD L. HARPER C-13830  
RONALD A. RETA C-9879

OWNER

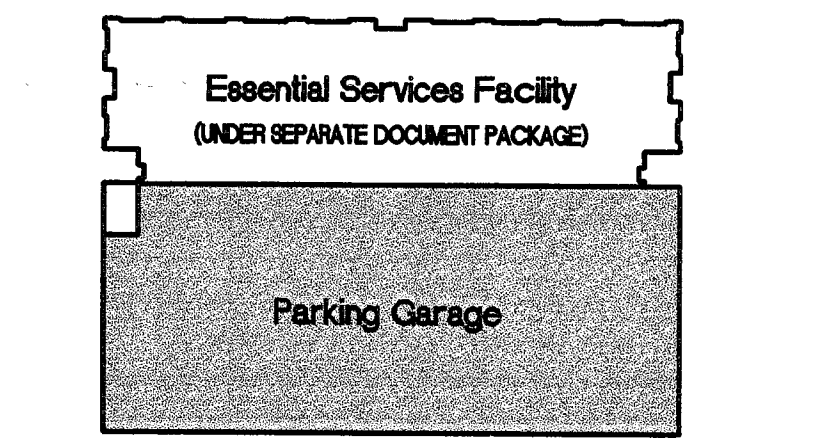
CONTRACTOR



**Turner**  
Construction Company

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JOB SITE COPY



KEY PLAN

- 1-13-2000 OVERALL PERMIT SET
- 11-15-99 OVERALL PLAN CHECK SET
- 10-18-99 PROGRESS SET

DATE	NO.	DESCRIPTION

DRAWN BY JM  
CHECKED BY BH



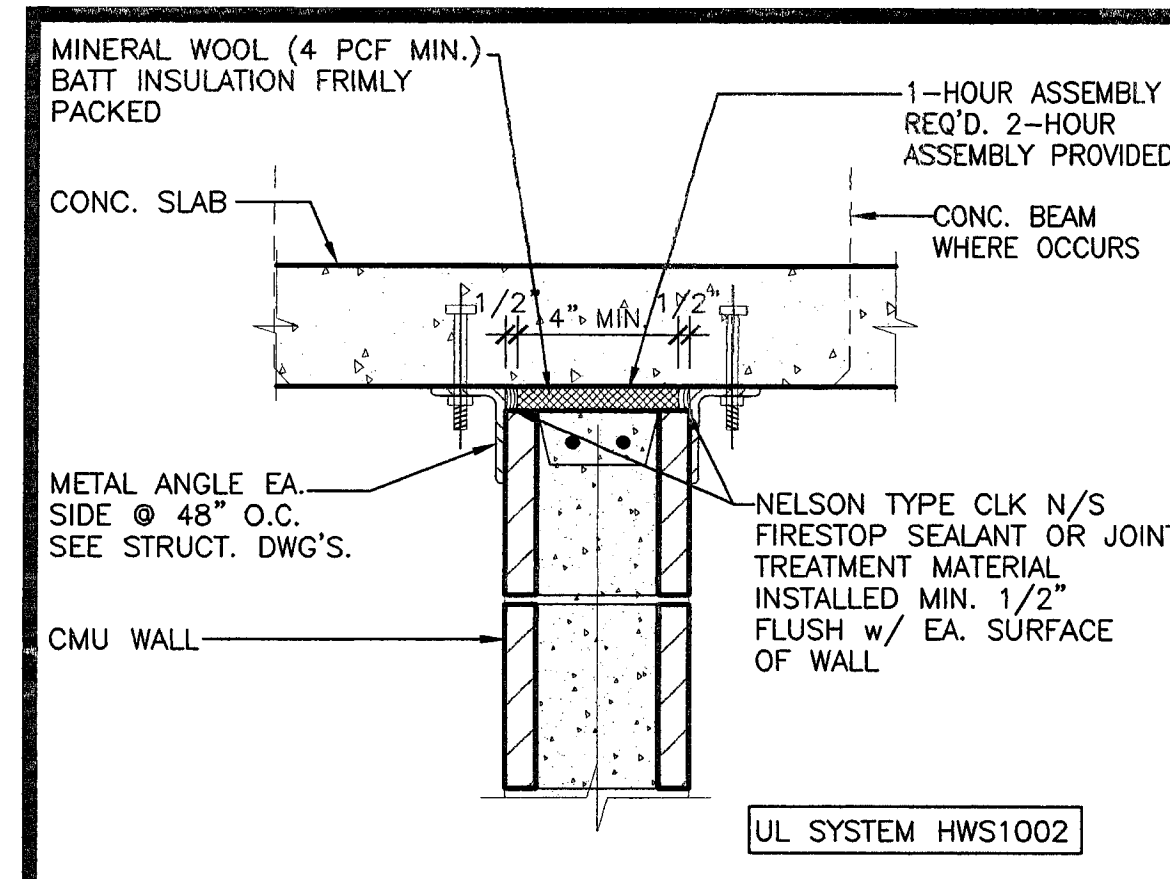
Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

THIRD LEVEL PARKING PLAN

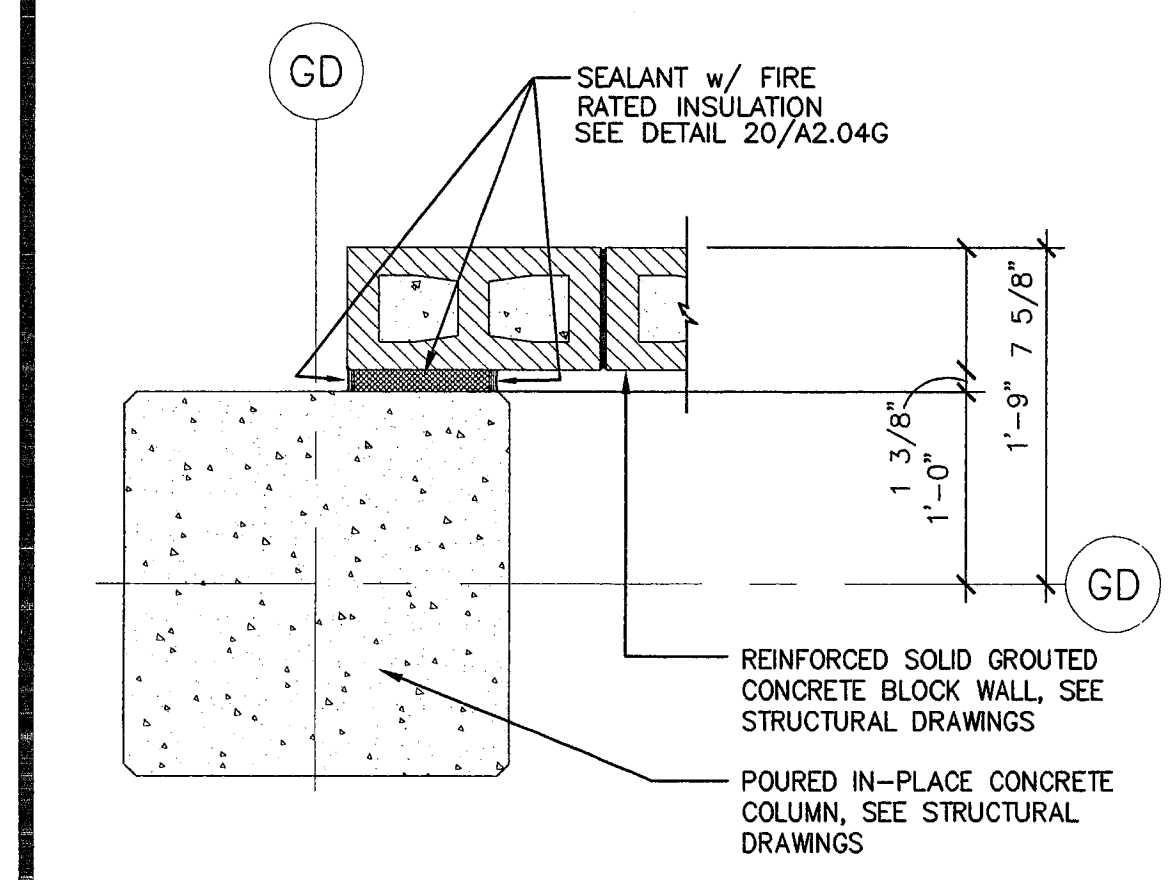
PROJECT NO. 98113  
DRAWING NO. A2.03G  
DATE 7 SEPTEMBER 1999

PLANS REVIEWED BY Precision Inspection Company  
inspecting and Consulting Engineers

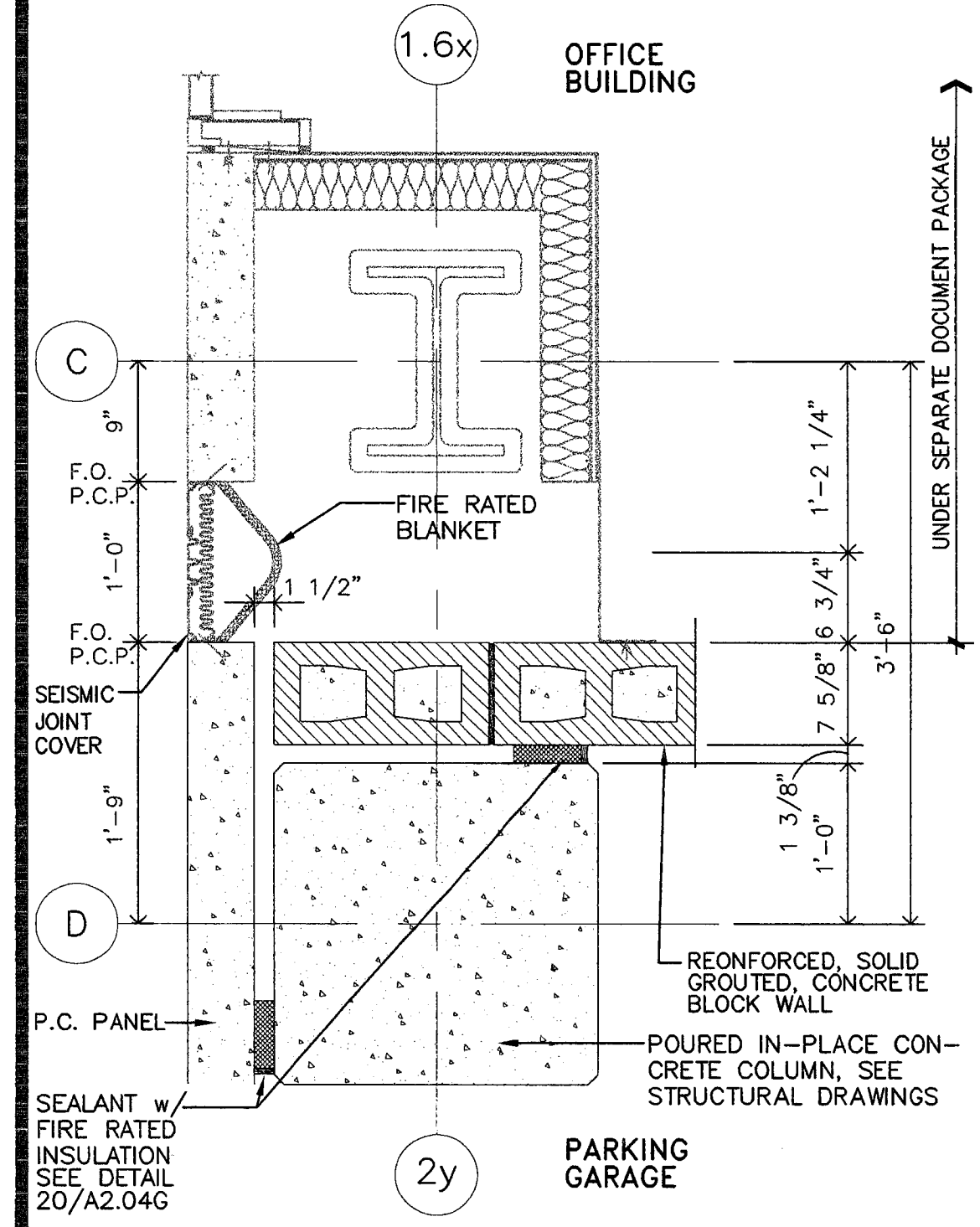




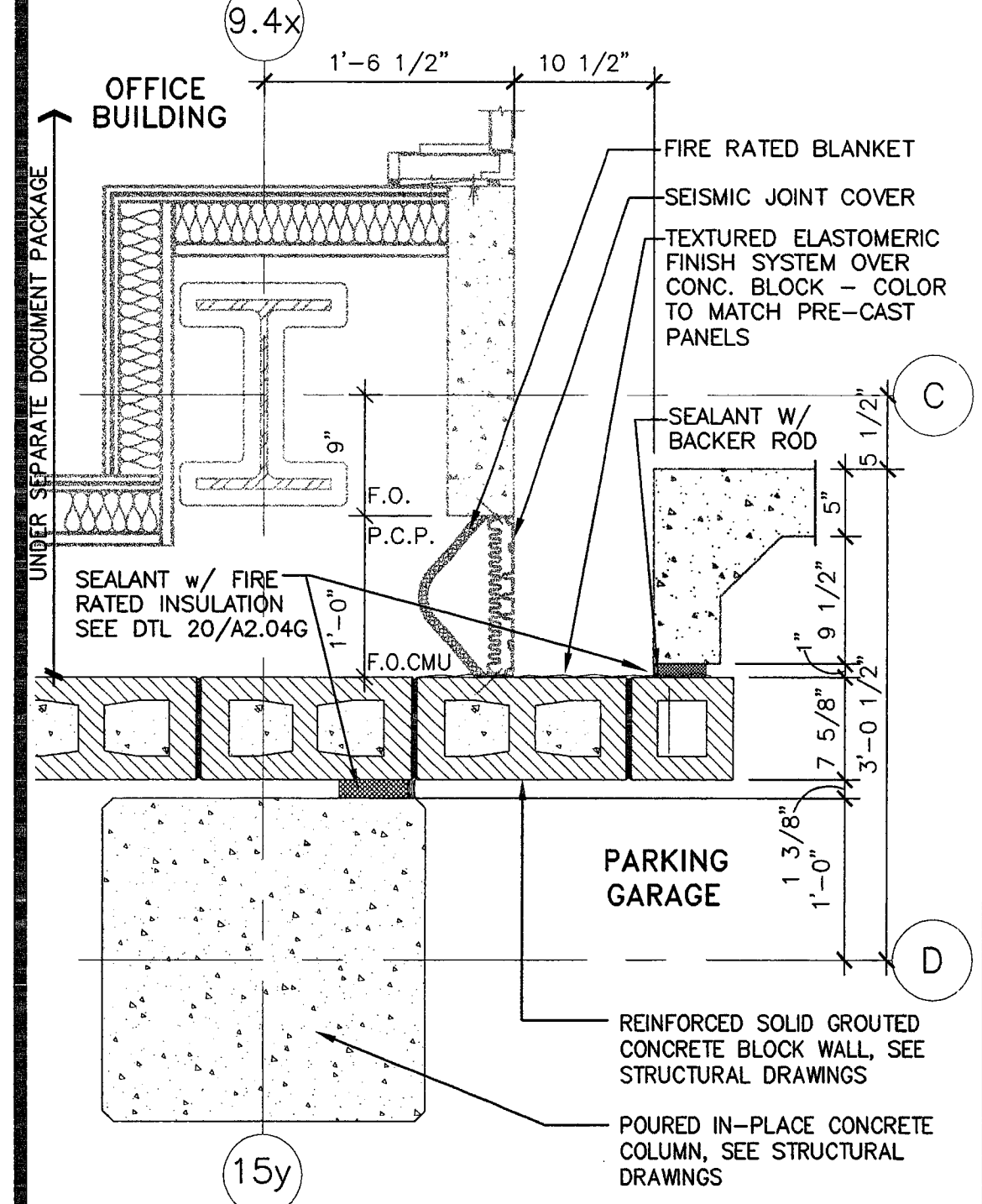
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A2.046 1 1/2"=1'-0"  
ESP\_8062



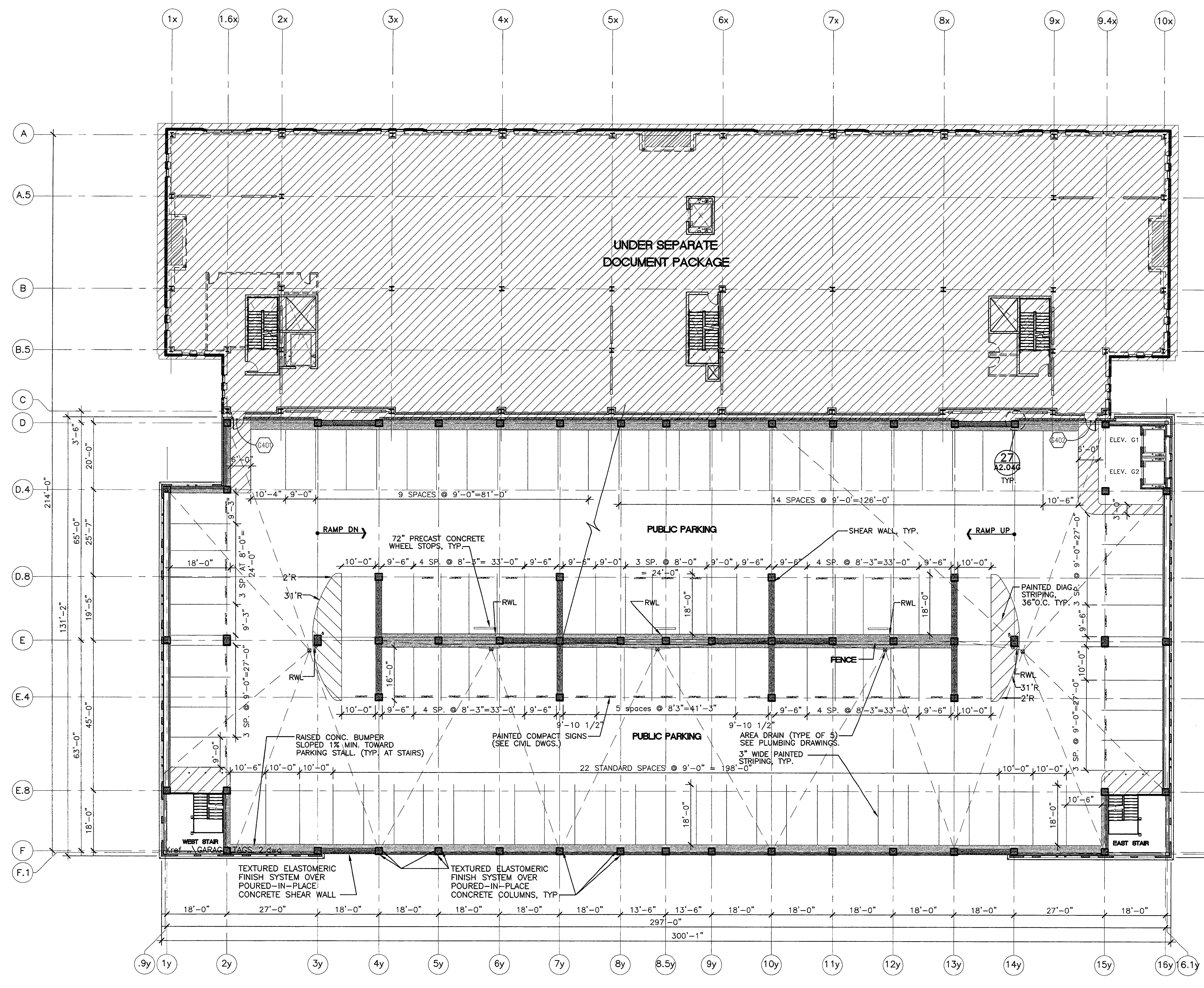
**27 4 HOUR RATED JOINT**  
A2.046 1"=1'-0"  
ESP\_8061



**28 WEST SEISMIC JOINT**  
A2.046 1"=1'-0"  
ESP\_8063



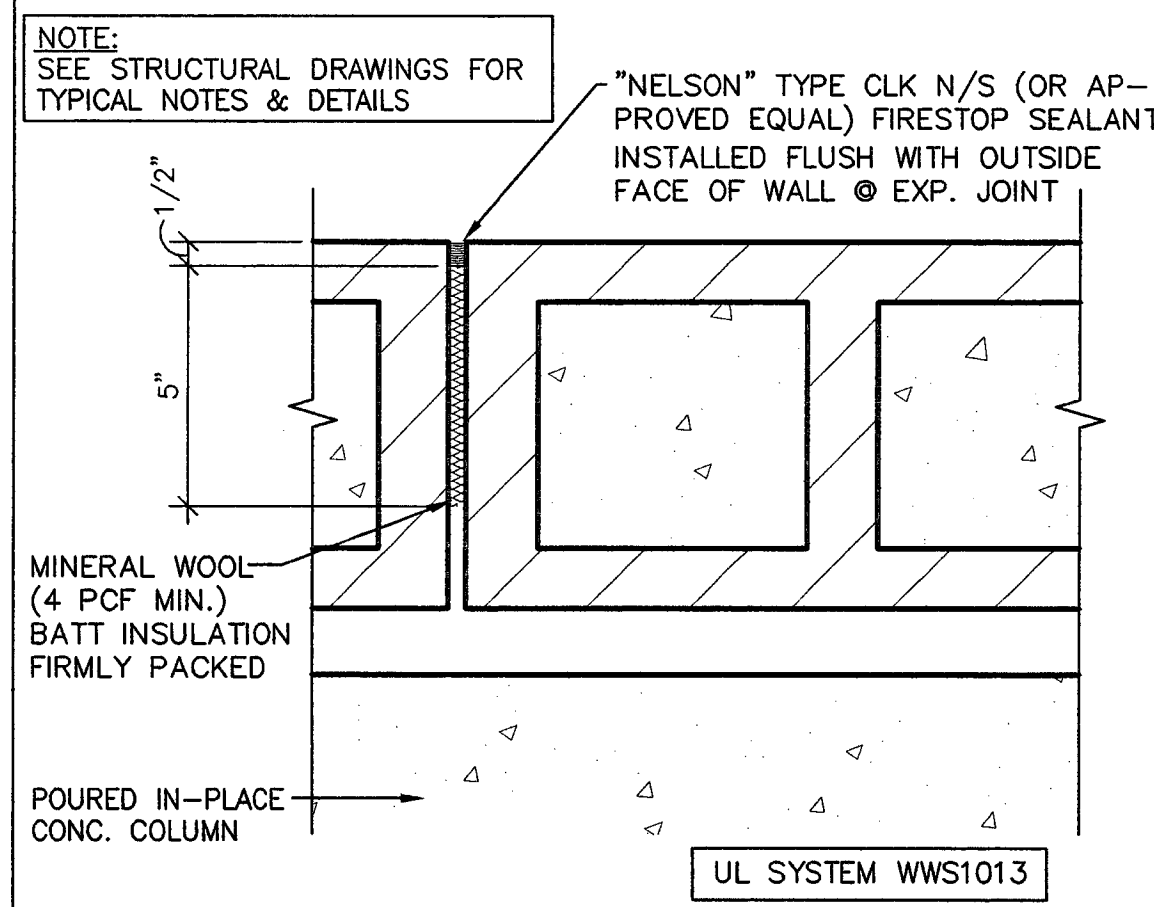
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ESP\_8064



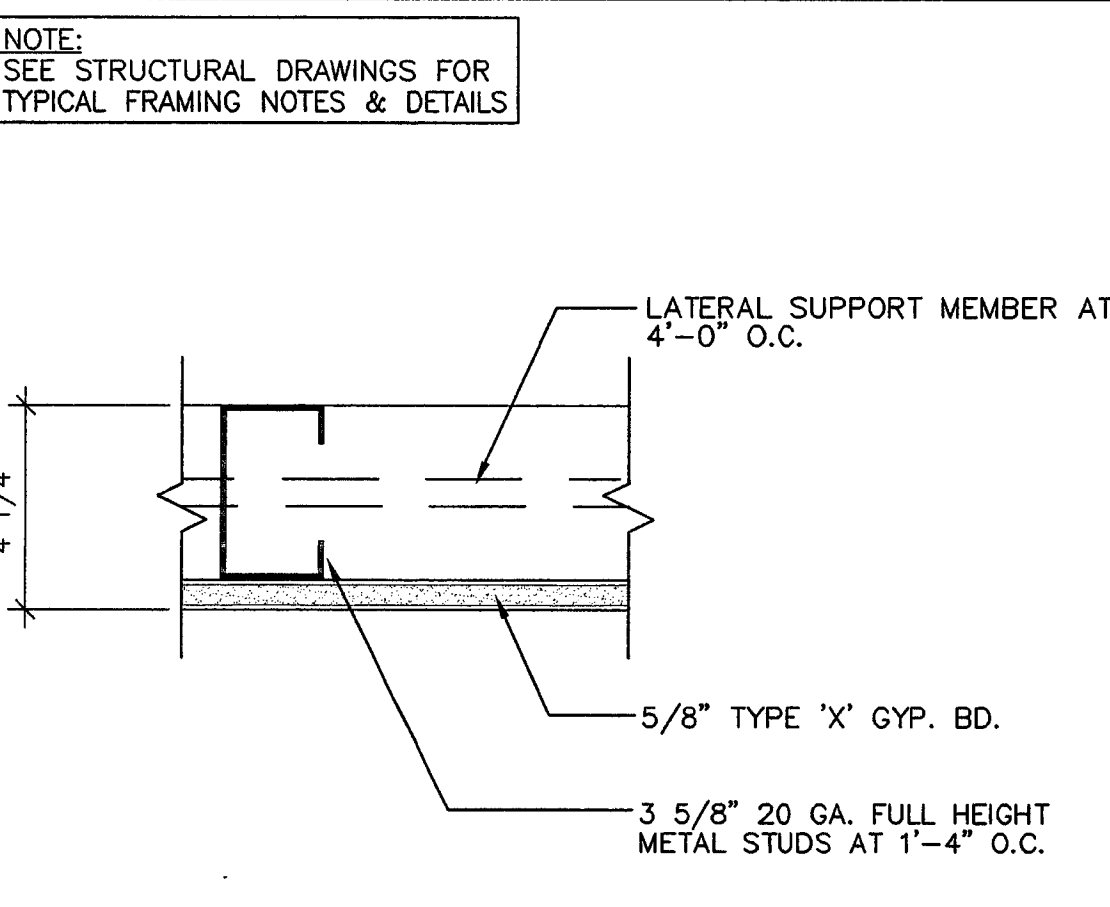
**FOURTH LEVEL PARKING**  
SCALE: 1/16"=1'-0"

NOTES:  
1. SEE STRUCTURAL FLOOR PLANS FOR CONCRETE DECK SPOT ELEVATIONS

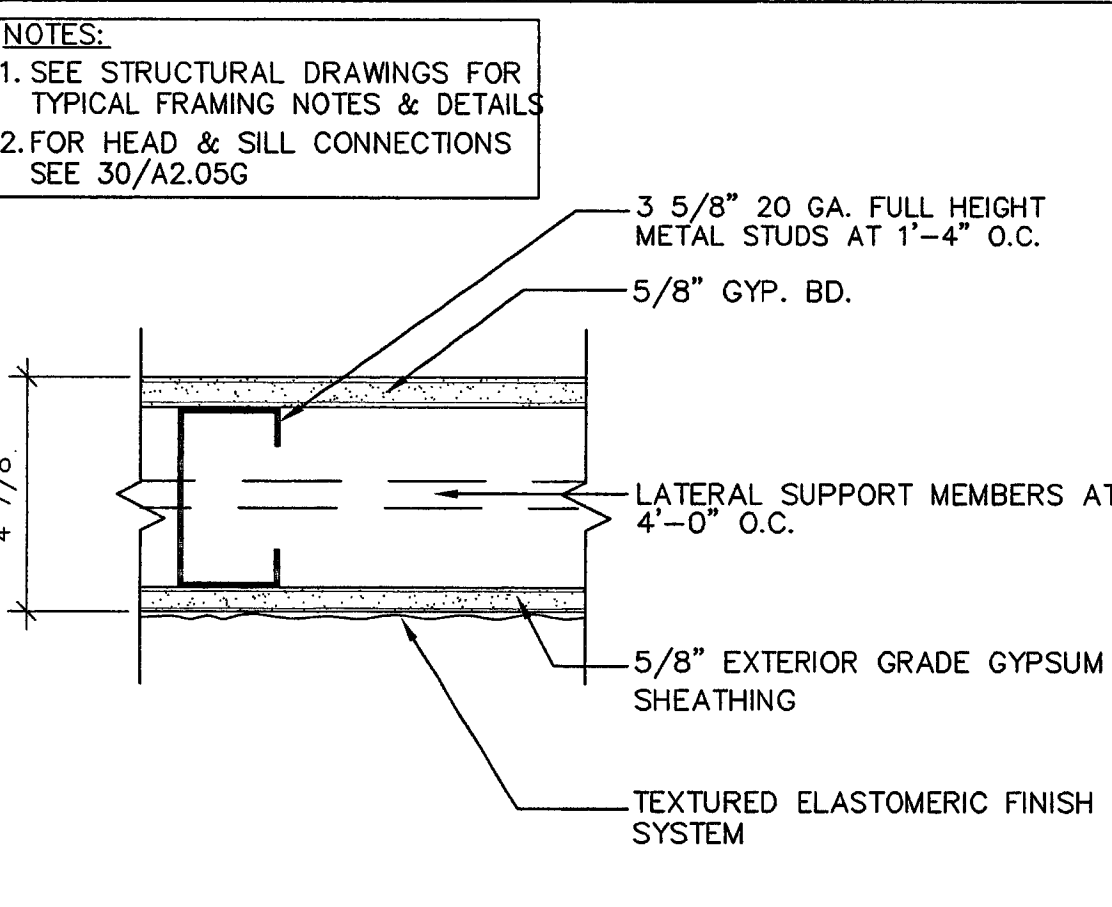
WALL TYPE	DESCRIPTION
1	PRECAST CONCRETE PANEL. SEE PRECAST CONC. DRAWINGS FOR TYPICAL DETAILS
2	NON-RATED, FULL HEIGHT SHAFTWALL. 1" TYPE 'X' GYP. BD. LINER PANEL (ON SHAFT SIDE) SET BETWEEN 4" METAL 'C' STUDS WITH 5/8" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM. -INCLUDE R-13 BATT. INSUL. AT WALL TYPE [2A]
3	8"x8"x16", REINFORCED SOLID GROUDED, FULL HT. U.O.N. CONCRETE MASONRY UNIT (CMU) WALL. SEE STRUCT. DWGS. FOR TYPICAL DETAILS AND EXPANSION JOINTS. -SEE FIRE RATED DTL. 26/A2.046 FOR WALL TYPE [3A]
4	NON-RATED, FULL-HEIGHT 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. ON ROOM SIDE, WITH 1/2" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM AT SALLY PORT/GARAGE SIDE. -INCLUDE R-13 BATT. INSUL. AT WALL TYPE [4A] -CMU 5/8" TYPE 'X' GYP. BD. AT WALL TYPE [4B]
5	NON-RATED, FULL-HEIGHT, 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. AT ELEVATOR SHAFT/ ROOM SIDE ONLY.



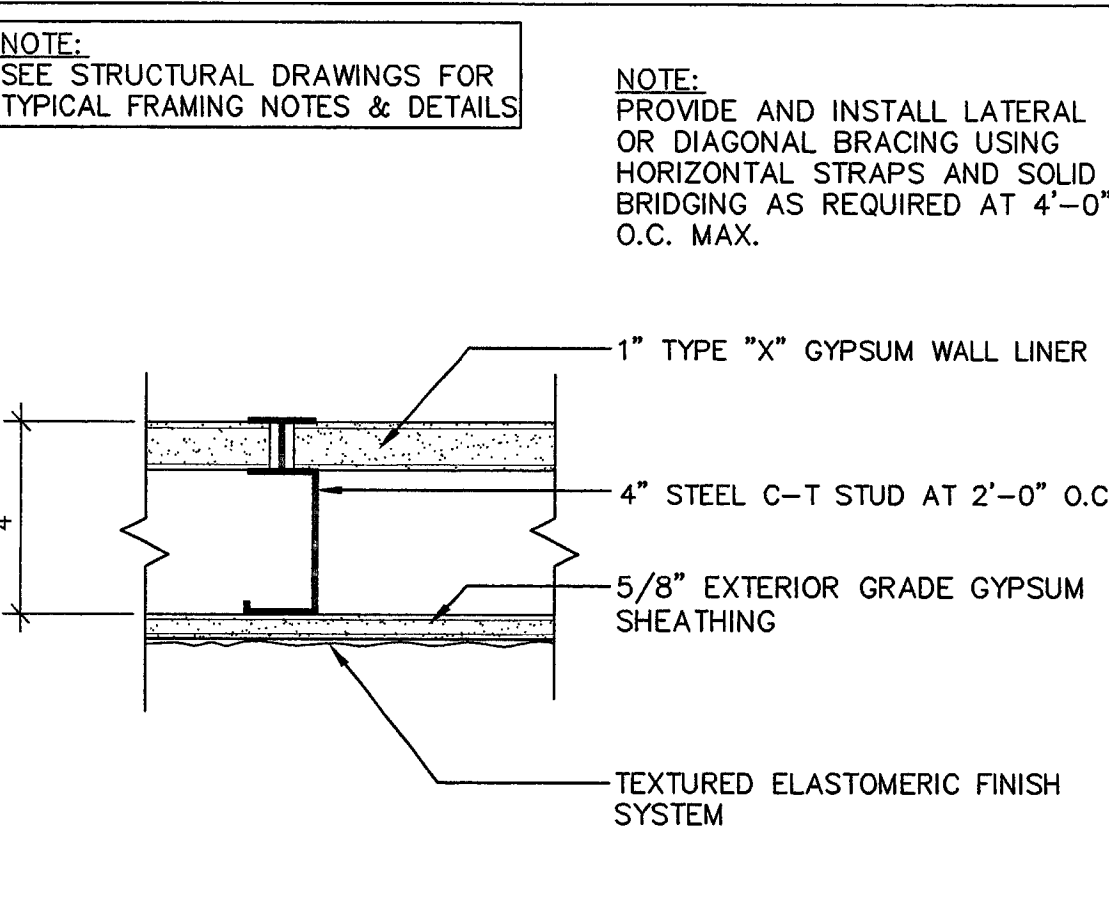
**20 4-HR. RATED CMU EXP. JOINT**  
A2.046 3"=1'-0"  
ESP\_8065



**15 NON-RATED FULL HT. WALL**  
A2.046 3"=1'-0"  
ESP\_8079



**10 NON-RATED FULL HT. WALL**  
A2.046 3"=1'-0"  
ESP\_8081



**5 NON-RATED SHAFT WALL**  
A2.046 3"=1'-0"  
ESP\_8084

NOTE: SEE SHEET A2.036 FOR PERIMETER PRECAST PANEL DIMENSIONS AND NOTES

PLANS REVIEWED BY  
Precision Inspection Company  
Inspector and Consulting Engineer  
Page 8 of 12

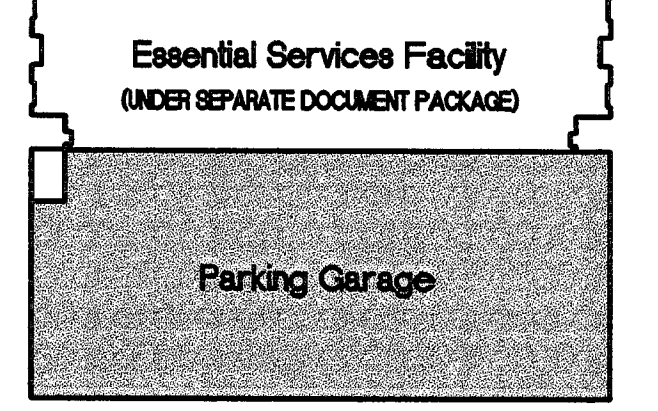
580 UNIVERSITY AVENUE SACRAMENTO, CA 95825 (916) 568-1821  
SUIE 100 (916) 568-1821  
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ARCHITECT EDWARD P. ENGLISH C-10399  
RICHARD L. HARPER C-13330  
RONALD A. RETA C-9879

OWNER  
CONTRACTOR



This set of plans and calculations MUST be kept on the job at all times and it is unauthorized to make any changes or alterations on same without written permission from Building Inspection, City of Stockton.  
Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
By: \_\_\_\_\_  
The stamping of this plan and modification shall NOT be held as a permit or to be an approval of the violation of any provisions of any Ordinance or Law. Occupancy of structure not permitted until final approval.

JOB SITE COPY



KEY PLAN

- 1-13-2000 Overall PERMIT SET
- 11-15-99 Overall PLAN CHECK SET
- 10-18-99 PROGRESS SET

REVISIONS	DATE	NO.	DESCRIPTION
DRAWN BY	JM		
CHECKED BY	BH		

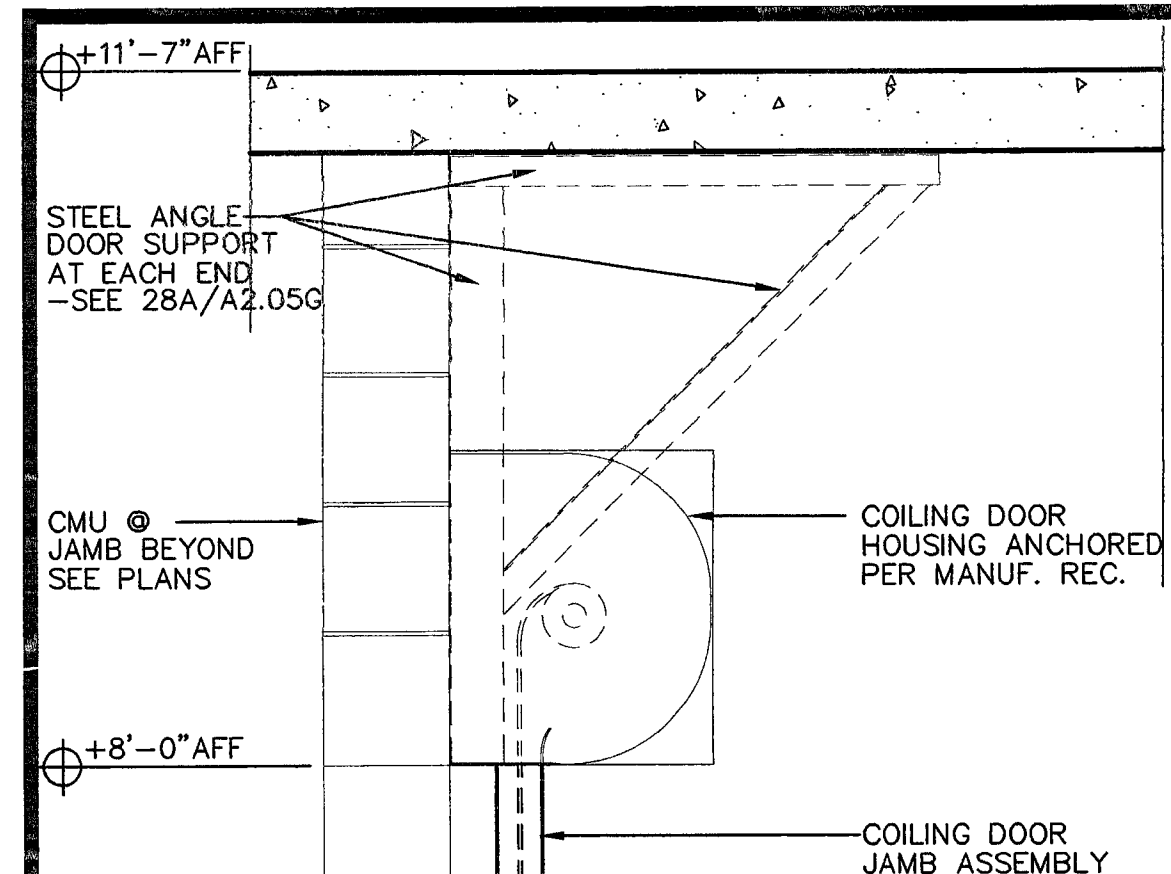


Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

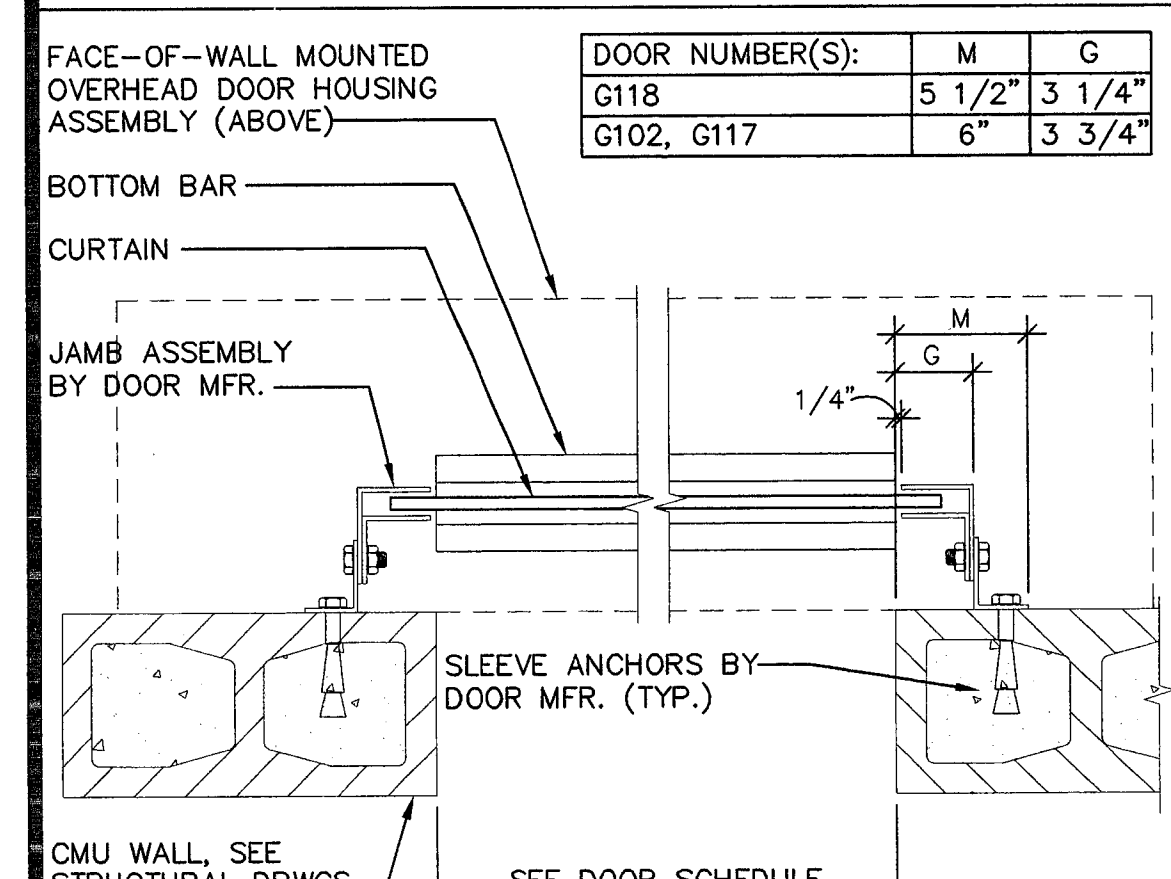
DRAWING  
**FOURTH LEVEL PARKING AND WALL DETAILS**

PROJECT NO. 98113 DRAWING NO. A2.04G  
DATE 7 SEPTEMBER 1999

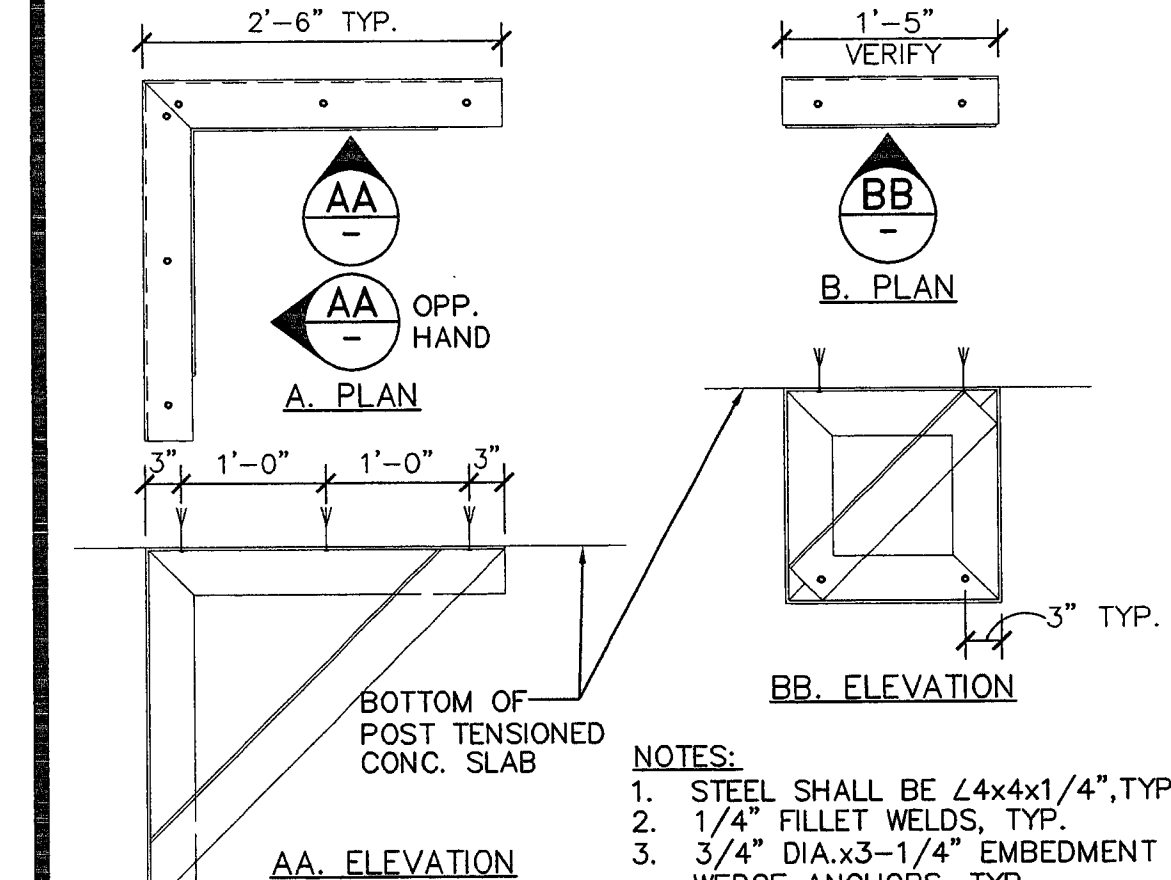




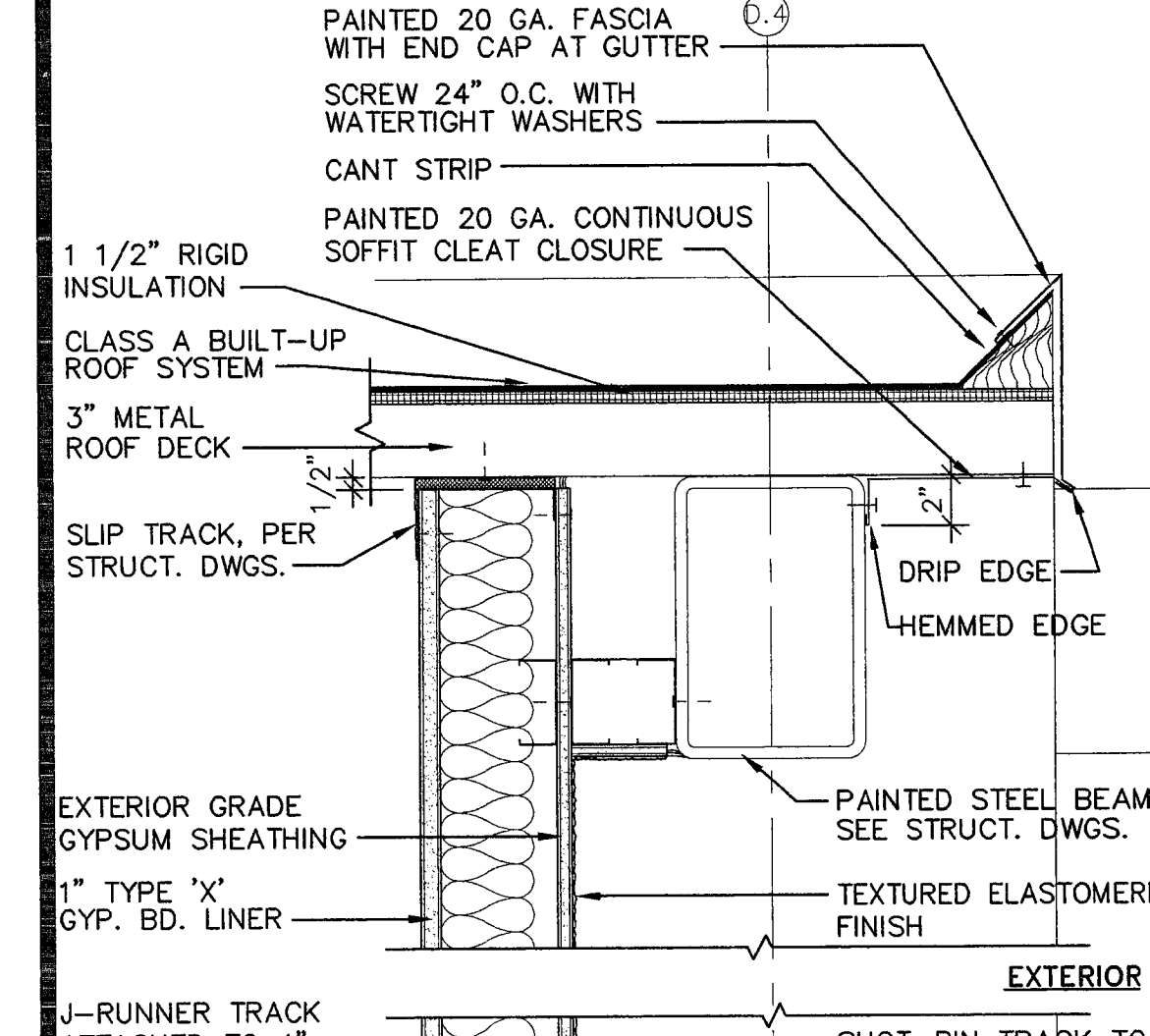
**26 COILING DOOR HEAD**  
A2.05G 1 1/2"=1'-0"



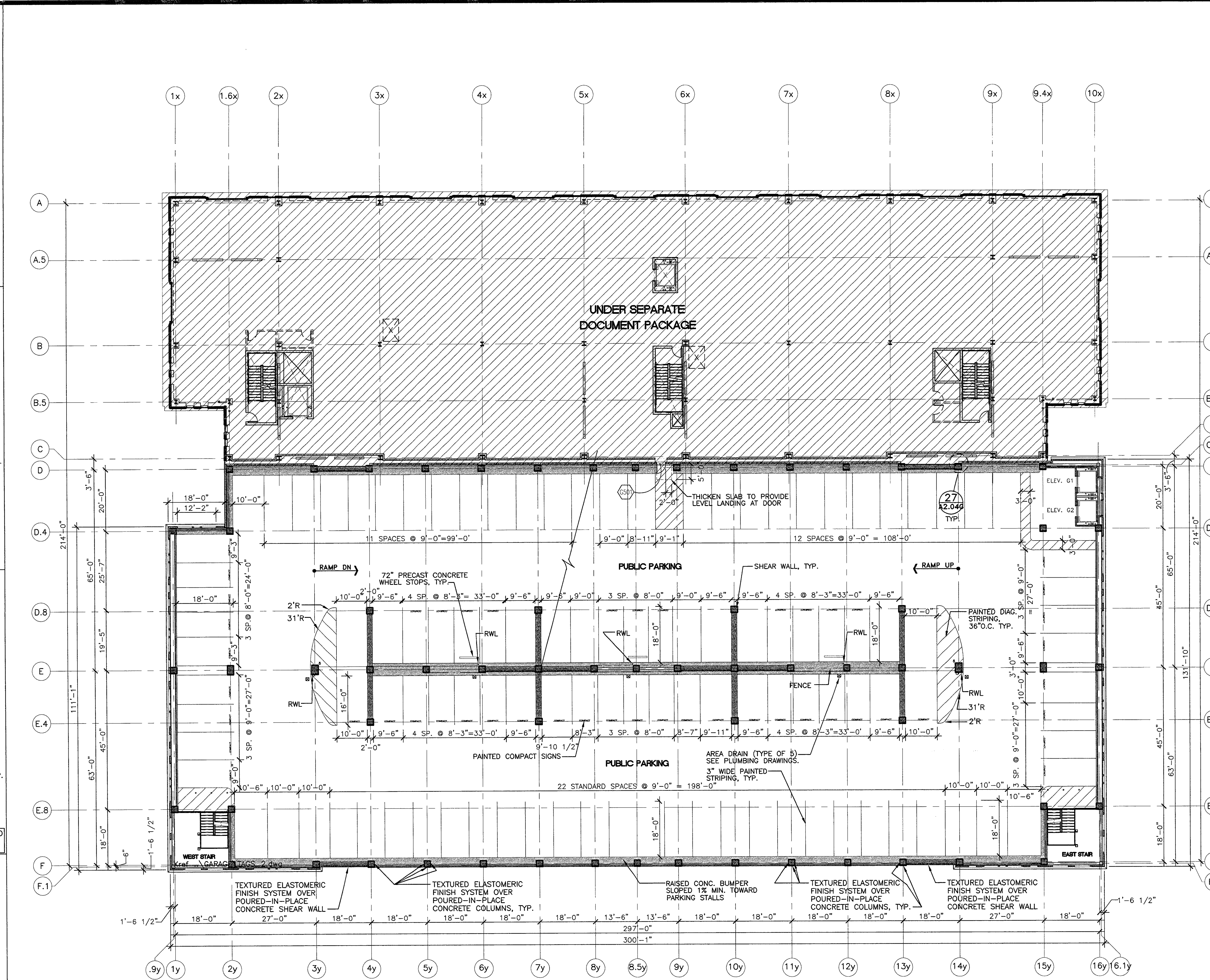
**27 COILING DOOR JAMB**  
A2.05G 1 1/2"=1'-0"



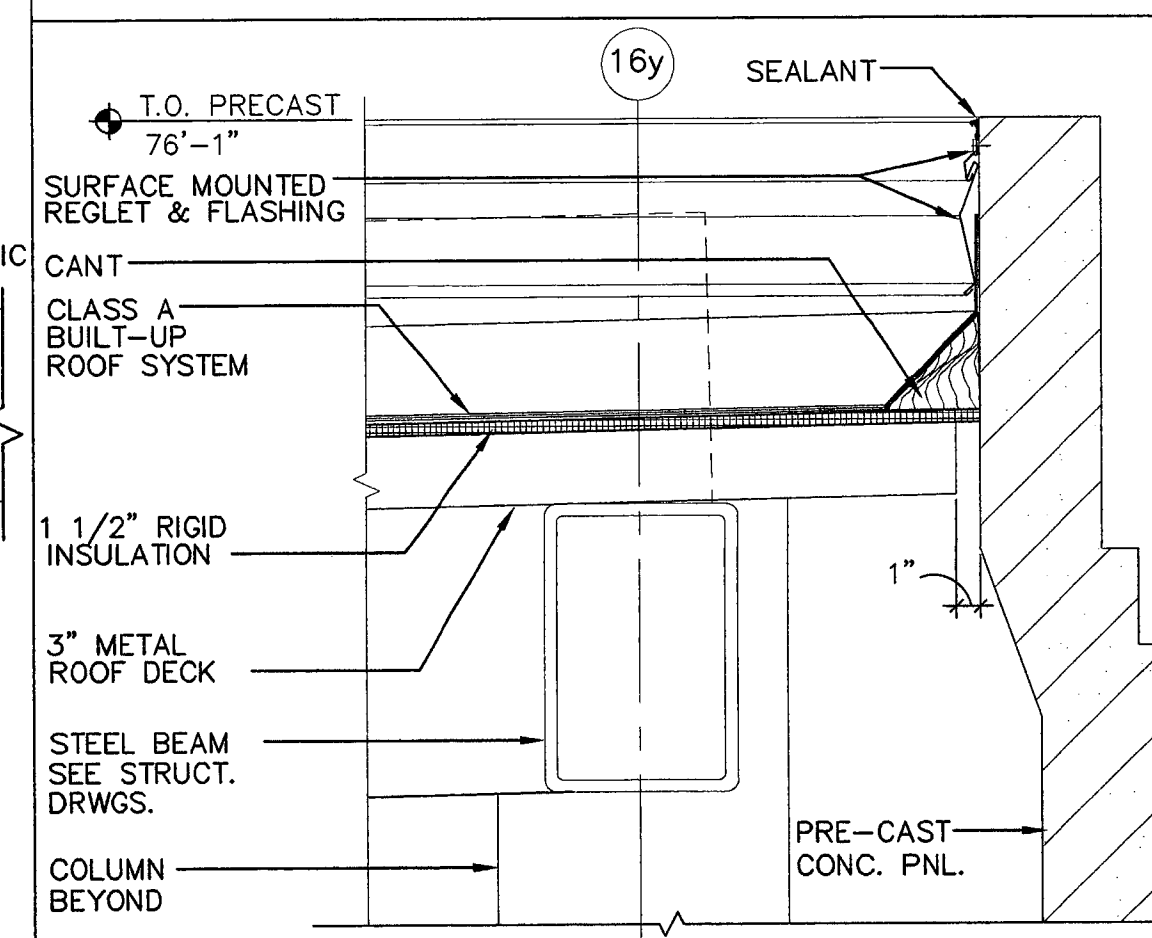
**28 METAL ANGLE BRACKET**  
A2.05G N.T.S.



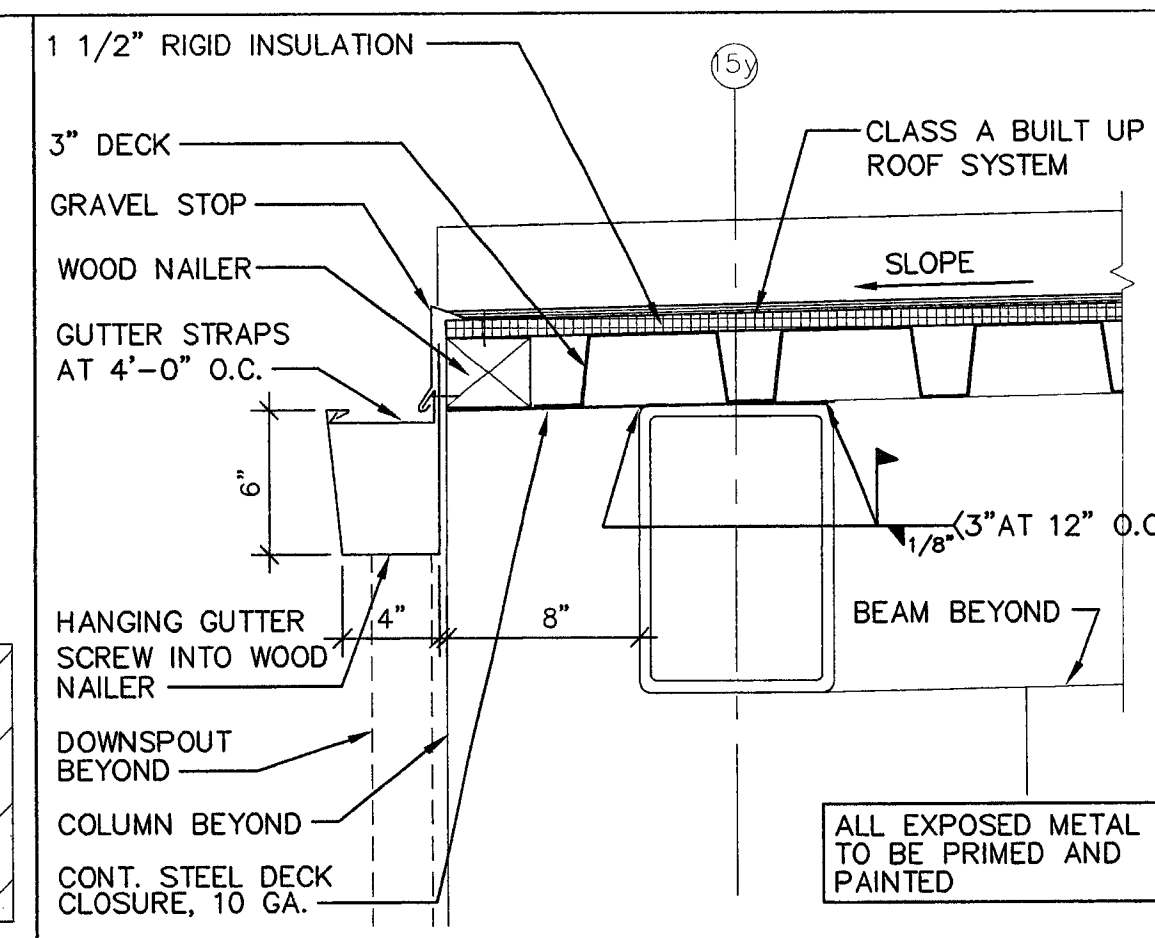
**30 WALL BASE ELEVATOR SHAFT**  
A2.05G 1 1/2"=1'-0"



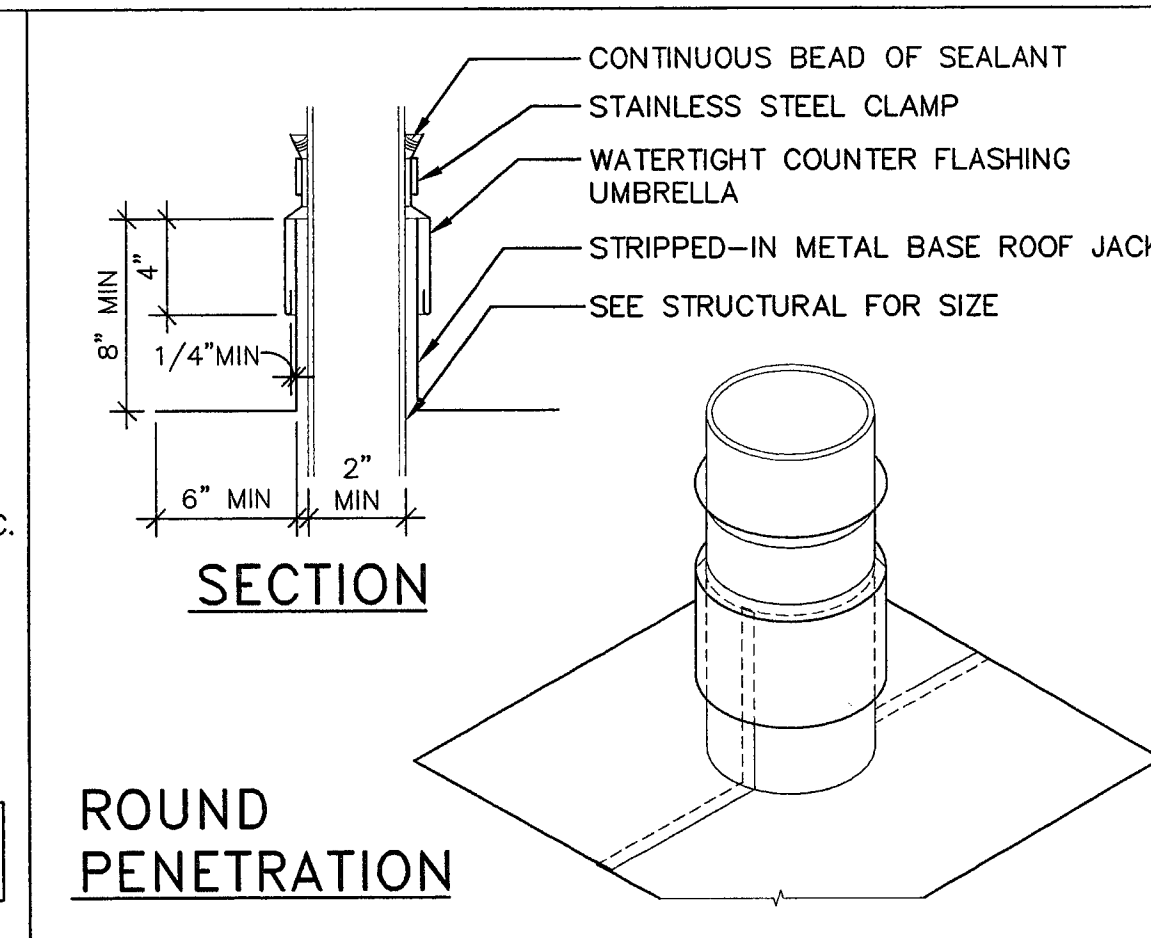
**FIFTH LEVEL PARKING**  
SCALE: 1/16"=1'-0"



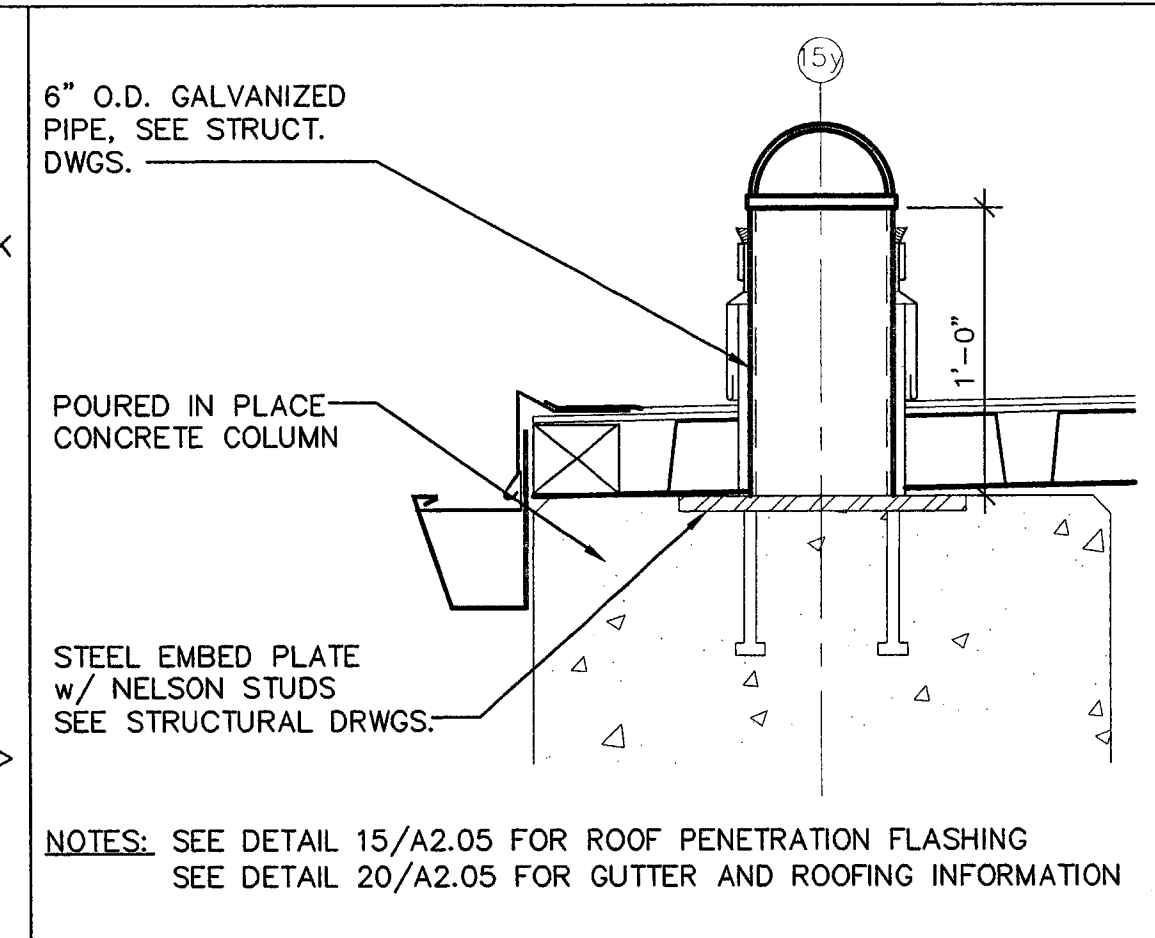
**25 ROOF TO PRECAST**  
A2.05G 1 1/2"=1'-0"



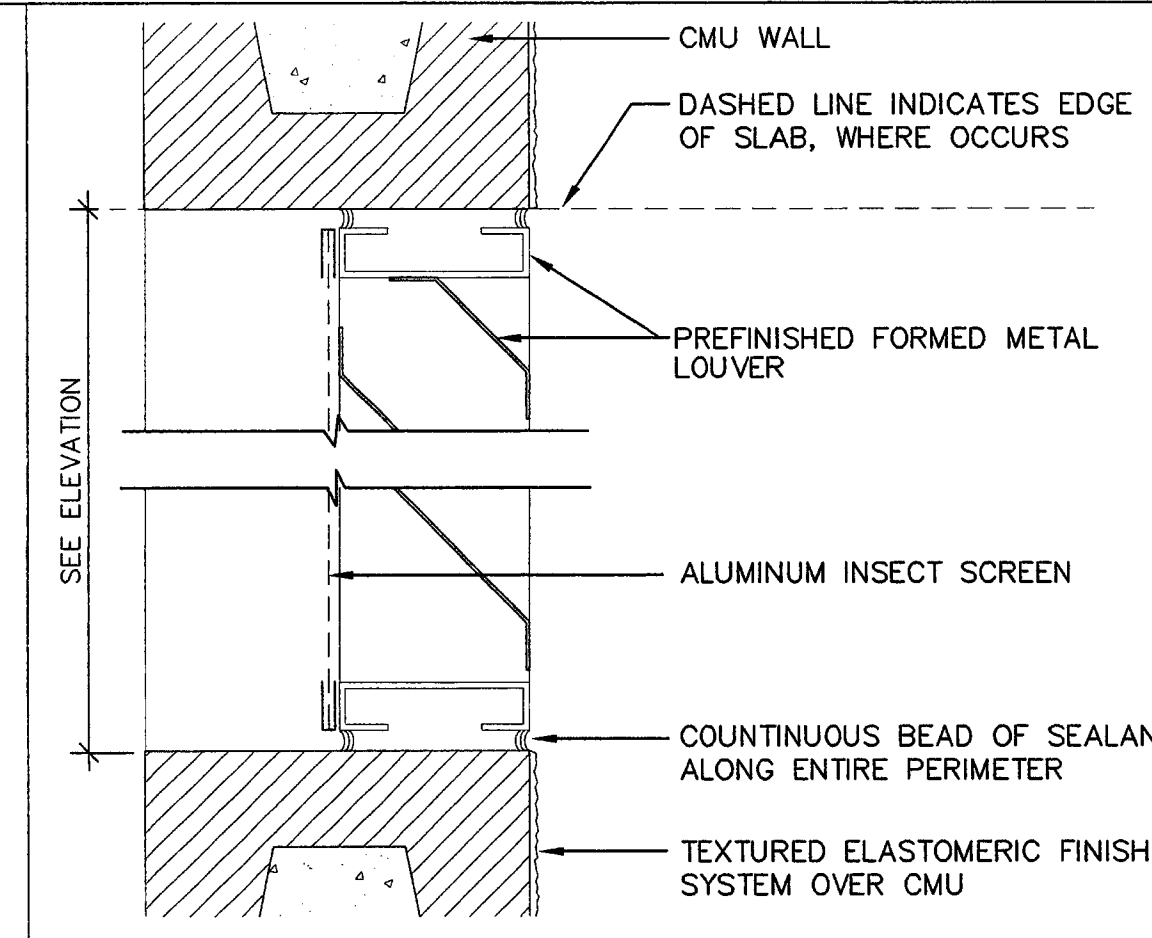
**20 GUTTER INSTALLATION**  
A2.05G 1 1/2"=1'-0"



**15 ROOF PENETRATION FLASHING**  
A2.05G 1 1/2"=1'-0"



**10 SAFETY TIE BACK**  
A2.05G 1 1/2"=1'-0"



**5 LOUVER DETAIL**  
A2.05G 3"=1'-0"

NOTES:  
1. SEE STRUCTURAL FLOOR PLANS FOR CONCRETE DECK SPOT ELEVATIONS

WALL TYPE	DESCRIPTION
1	PRECAST CONCRETE PANEL. SEE PRECAST CONC. DRAWINGS FOR TYPICAL DETAILS
2	NON-RATED, FULL HEIGHT SHAFTWALL
2A	1" TYPE 'X' GYP. BD. LINER PANEL (ON SHAFT SIDE) SET BETWEEN 4" METAL 'C' STUDS WITH 5/8" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM
3	8"x8"x16", REINFORCED, SOLID GROUTED, FULL HT. U.O.N. CONCRETE MASONRY UNIT (CMU) WALL. SEE STRUCT. DWGS. FOR TYPICAL DETAILS AND EXPANSION JOINTS. -SEE FIRE RATED DTL. 26/A2.04G FOR WALL TYPE [2A]
4	NON-RATED, FULL-HEIGHT 4" METAL STUDS WITH 5/8" TYPE 'X' GYP. BD. ON ROOM SIDE, WITH 1/2" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM AT SALLY PORT/GARAGE SIDE. -INCLUDE R-13 BATT. INSUL. AT WALL TYPE [4A]
4A	NON-RATED, FULL-HEIGHT 4" METAL STUDS WITH 5/8" TYPE 'X' GYP. BD. AT WALL TYPE [4A]
5	NON-RATED, FULL-HEIGHT, 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. AT ELEVATOR SHAFT/ROOM SIDE ONLY.

**ENGLISH HARPER RETA**  
ARCHITECTS

580 UNIVERSITY AVENUE  
SACRAMENTO, CA 95825 (916) 568-1821

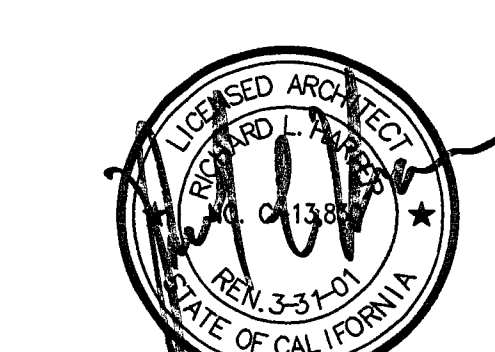
SUITE 100  
(916) 568-1821

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ARCHITECT  
EDWARD P. ENGLISH C-10399  
RICHARD L. HARPER C-13830  
RONALD A. RETA C-9879

OWNER

CONTRACTOR



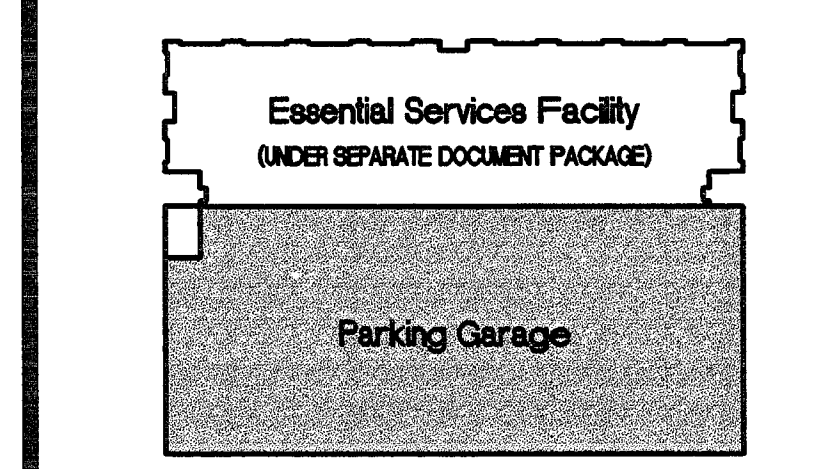
This set of plans and calculations MUST be kept on the job at all times and it is unlawful to make any changes or alterations or to reuse without written permission from Building Inspection City of Stockton.

APPROVED

By \_\_\_\_\_

The stamping of this plan and specifications shall not be valid or permit or to be an approval of the violation of any provisions of any Ordinance or Law. Occupancy of structure not permitted until final approval.

**JOB SITE COPY**



**KEY PLAN**

1-13-2000	OVERALL PERMIT SET
11-15-99	OVERALL PLAN CHECK SET
10-18-99	PROGRESS SET

DATE NO. DESCRIPTION

REVISIONS

DRAWN BY JM

CHECKED BY

PLANS REVIEWED BY  
Precision Inspection Company  
Structural and Consulting Engineers

15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

**FIFTH LEVEL PARKING AND DETAILS**

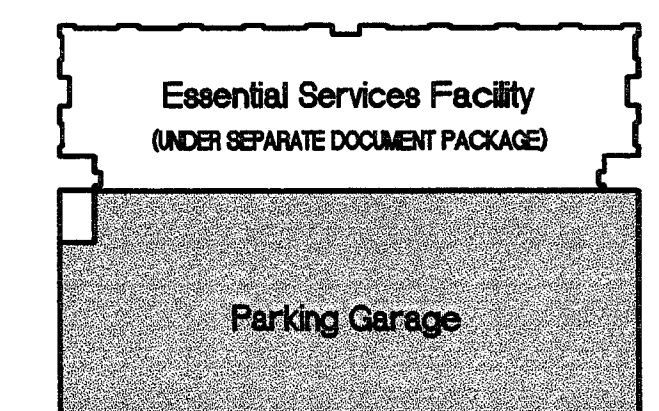
PROJECT NO. 98113  
DRAWING NO. A2.05G  
DATE 7 SEPTEMBER 1999





This set of plans and calculations MUST be kept on the job at all times and is intended to be used as a guide only. No construction shall be started without written permission from English Harper Reta Architects. **APPROVED**  
By: \_\_\_\_\_  
The sampling of this drawing for use in any other project without the written permission of English Harper Reta Architects is strictly prohibited. Copying or reproduction of any part of this drawing without the written permission of English Harper Reta Architects is strictly prohibited. Copying or reproduction of any part of this drawing without the written permission of English Harper Reta Architects is strictly prohibited.

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**KEY PLAN**

1-13-2000	3	OVERALL PERMIT SET
11-15-99	2	OVERALL PLAN CHECK SET
10-18-99	1	PROGRESS SET
DATE	NO.	DESCRIPTION
REVISIONS		
DRAWN BY	JM	
CHECKED BY	BH	

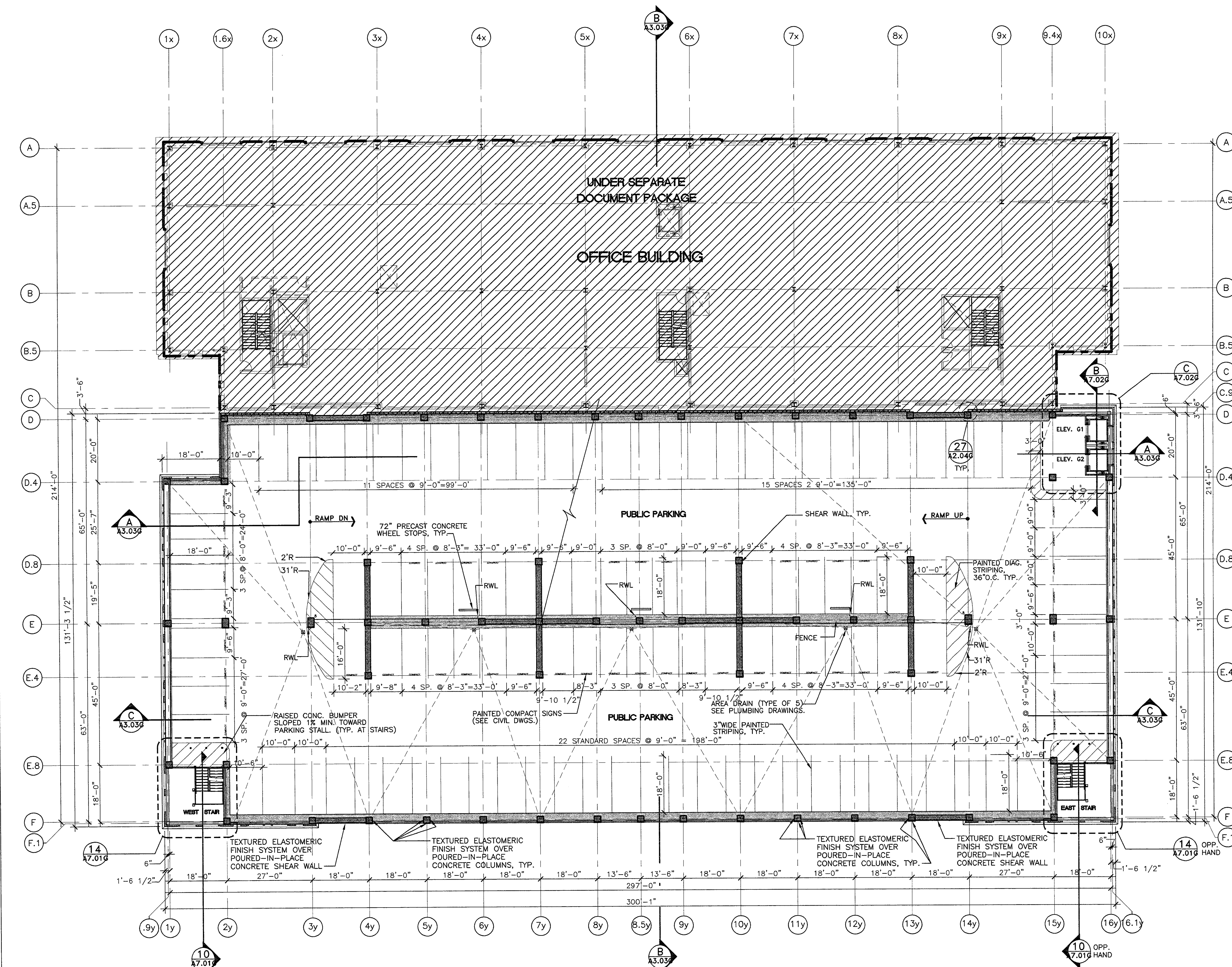
**5**  
Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

**SIXTH LEVEL PARKING  
AND  
FENCE DETAILS**

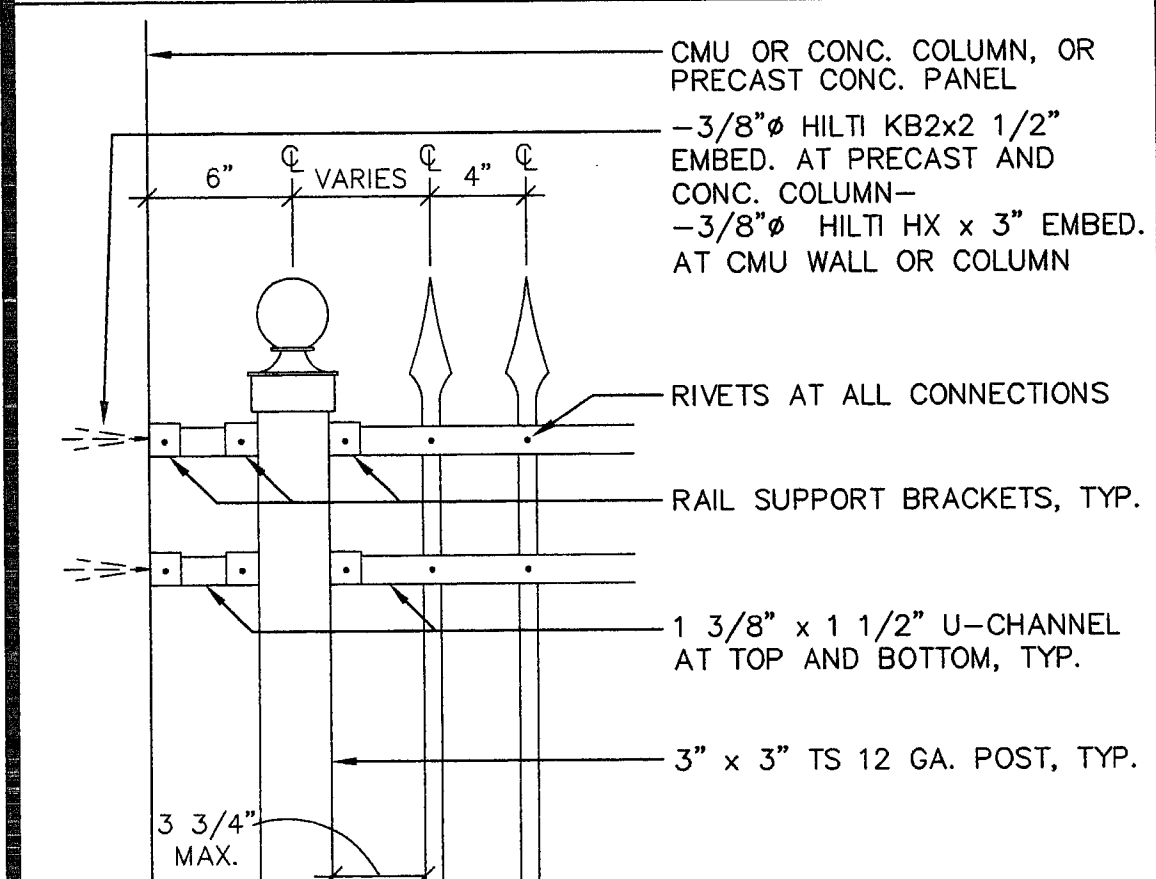
PROJECT NO. 98113  
DRAWING NO. **A2.06G**  
DATE 7 SEPTEMBER 1999

NOTES:  
1. SEE STRUCTURAL FLOOR PLANS FOR CONCRETE DECK SPOT ELEVATIONS

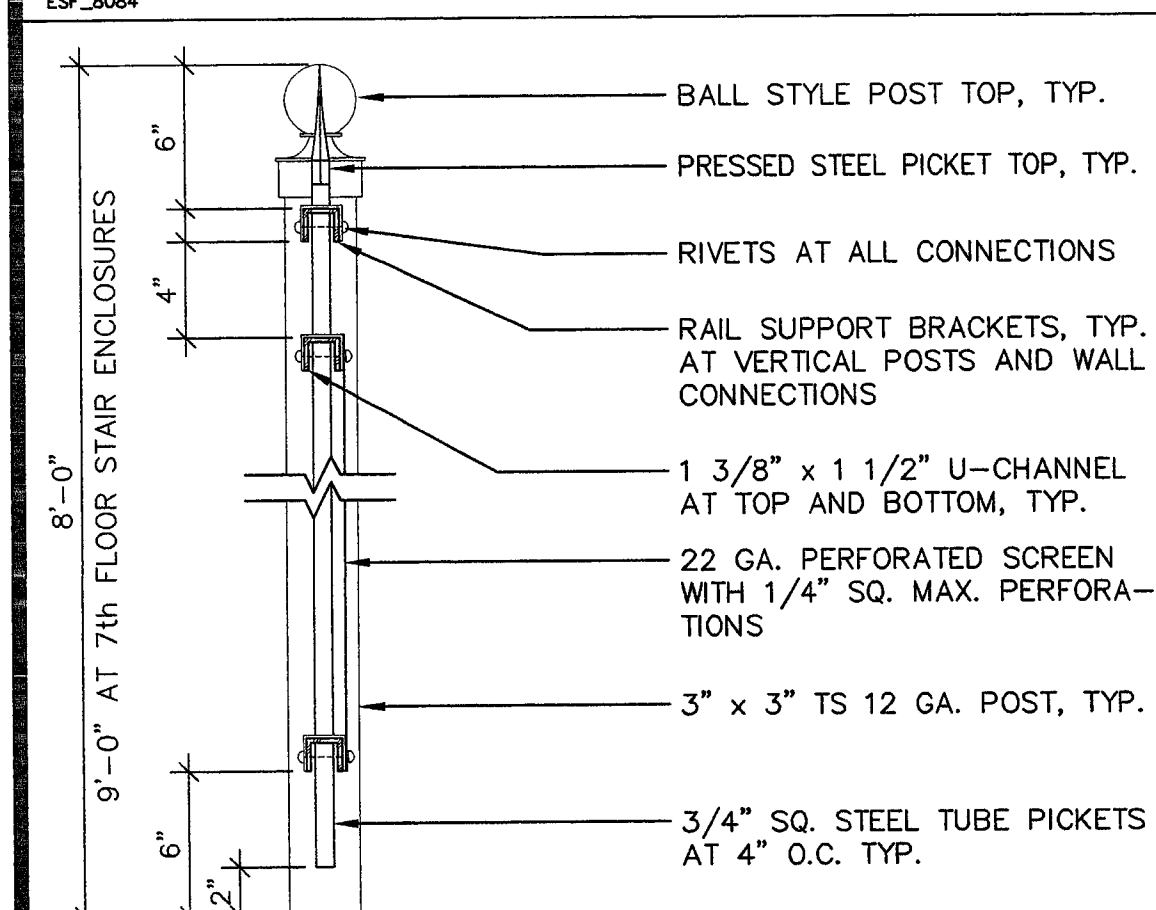
WALL TYPE	DESCRIPTION
1	PRECAST CONCRETE PANEL. SEE PRECAST CONC. DRAWINGS FOR TYPICAL DETAILS.
2	NON-RATED, FULL HEIGHT SHAFTWALL. 1" TYPE 'X' GYP. BD. LINER PANEL (ON SHAFT SIDE) SET BETWEEN 4" METAL STUDS WITH 5/8" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM. -INCLUDE R-13 BATT. INSUL. AT WALL TYPE [2A]
3	8"-8 1/2" x 16" REINFORCED, SOLID GROUTED, FULL HT. U.O.N. CONCRETE MASONRY UNIT (CMU) WALL. SEE STRUCT. DWGS. FOR TYPICAL DETAILS AND EXPANSION JOINTS. -SEE FIRE RATED DTL. 26/A2.04G FOR WALL TYPE [3A]
4	NON-RATED, FULL-HEIGHT 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. ON ROOM SIDE WITH 1/2" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM AT SALLY PORT/GARAGE SIDE. -INCLUDE R-13 BATT. INSUL. AT WALL TYPE [4A] -OMIT 5/8" TYPE 'X' GYP. BD. AT WALL TYPE [4B]
5	NON-RATED, FULL-HEIGHT 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. AT ELEVATOR SHAFT/ROOM SIDE ONLY.



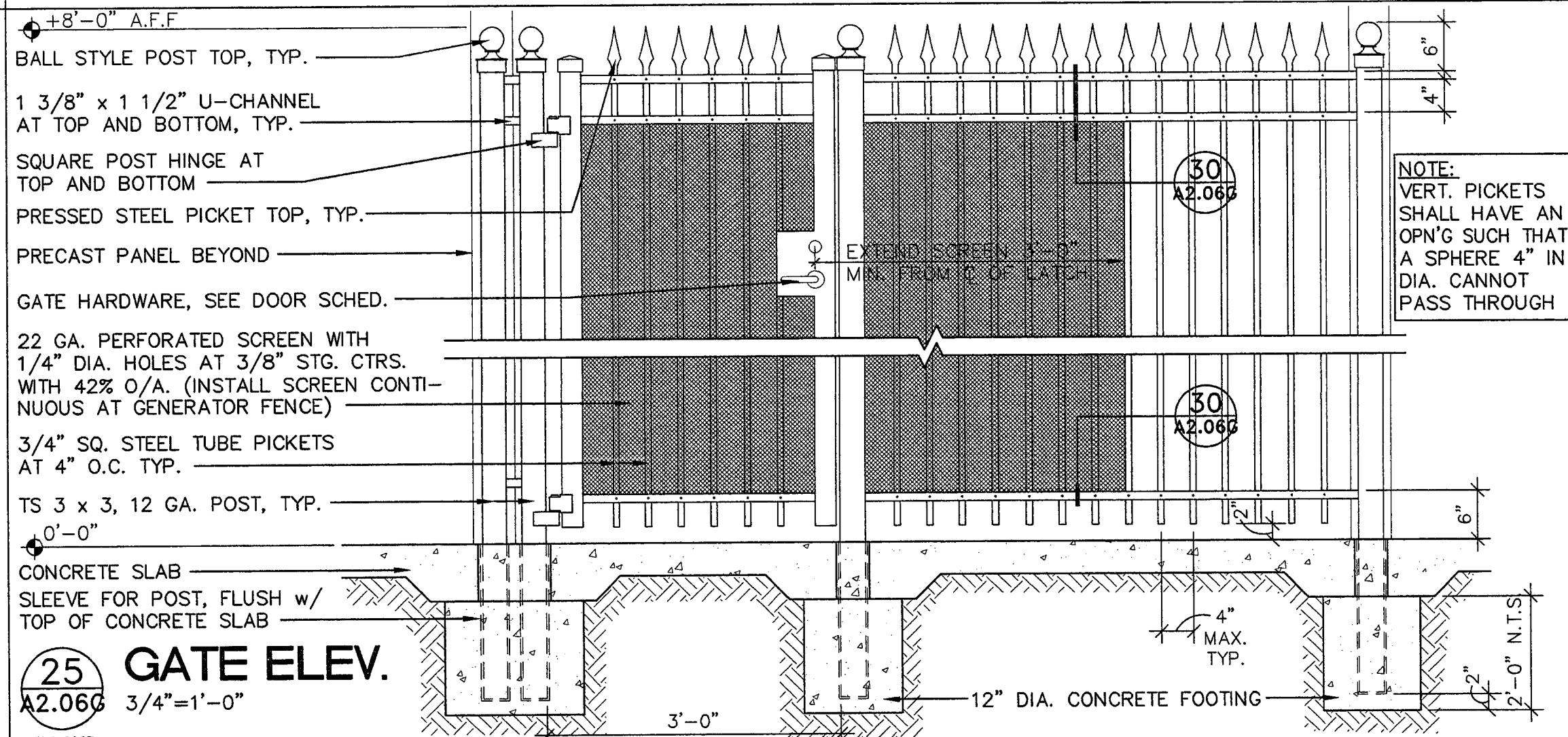
**SIXTH LEVEL PARKING**  
SCALE: 1/16"=1'-0"



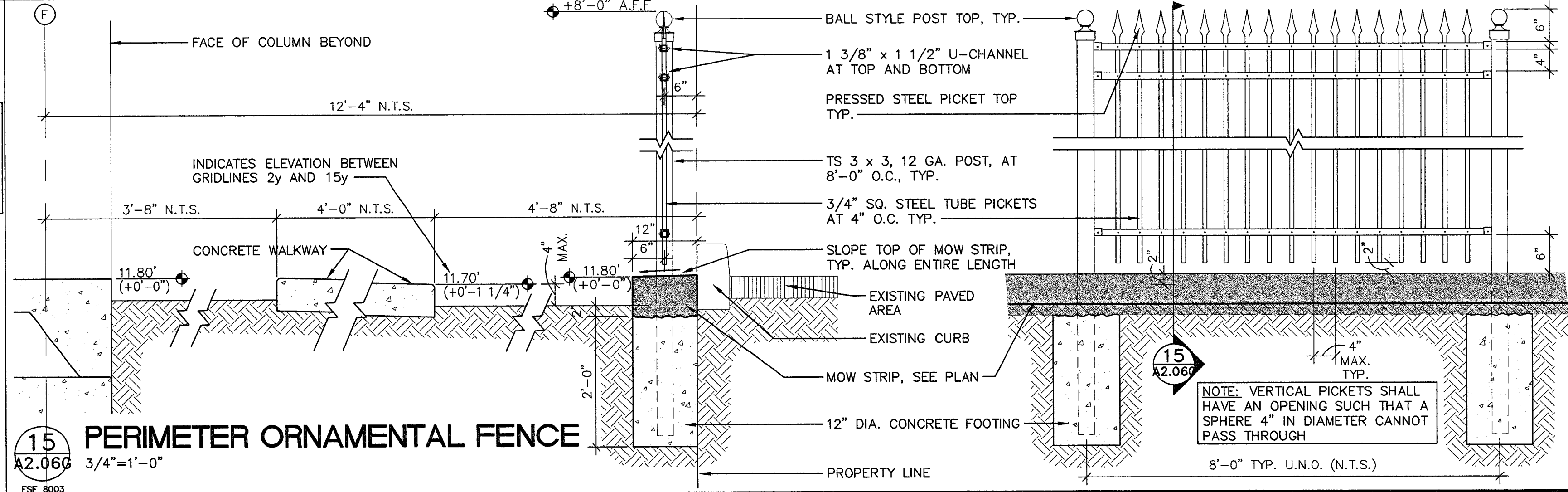
**29 FENCE CONNECTION TO WALL**  
1 1/2"=1'-0"



**30 GATE/FENCE PROFILE**  
1 1/2"=1'-0"



**25 GATE ELEV.**  
3/4"=1'-0"



**15 PERIMETER ORNAMENTAL FENCE**  
3/4"=1'-0"







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CONSTRUCTION UNTIL IT IS SIGNED BY THE  
ARCHITECT AND THE OWNER.

ARCHITECT  
EDWARD P. ENGLISH C-10399  
RICHARD L. HARPER C-13838  
RONALD A. RETA C-9879

OWNER

CONTRACTOR



**Turner**  
Construction  
Company

This set of plans and calculations MUST be kept on the job at all times  
and it is the responsibility of the contractor to ensure that all work is  
performed in accordance with the approved plans and specifications.  
Any deviations from the approved plans and specifications must be  
approved in writing by the architect and the engineer.  
The stamping of these plans and calculations is not to be construed as  
a permit to be an approval of the contractor's performance or of  
the contractor's compliance with the provisions of any  
Ordinances or Law. Occupancy of structure not permitted until after  
final approval.

JOB SITE COPY

Essential Services Facility  
(UNDER SEPARATE DOCUMENT PACKAGE)

Parking Garage

KEY PLAN

1-13-2000 OVERALL PERMIT SET

11-15-99 OVERALL PLAN CHECK SET

10-18-99 PROGRESS SET

DATE NO. DESCRIPTION

REVISIONS  
DRAWN BY  
RVC

CHECKED BY



Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

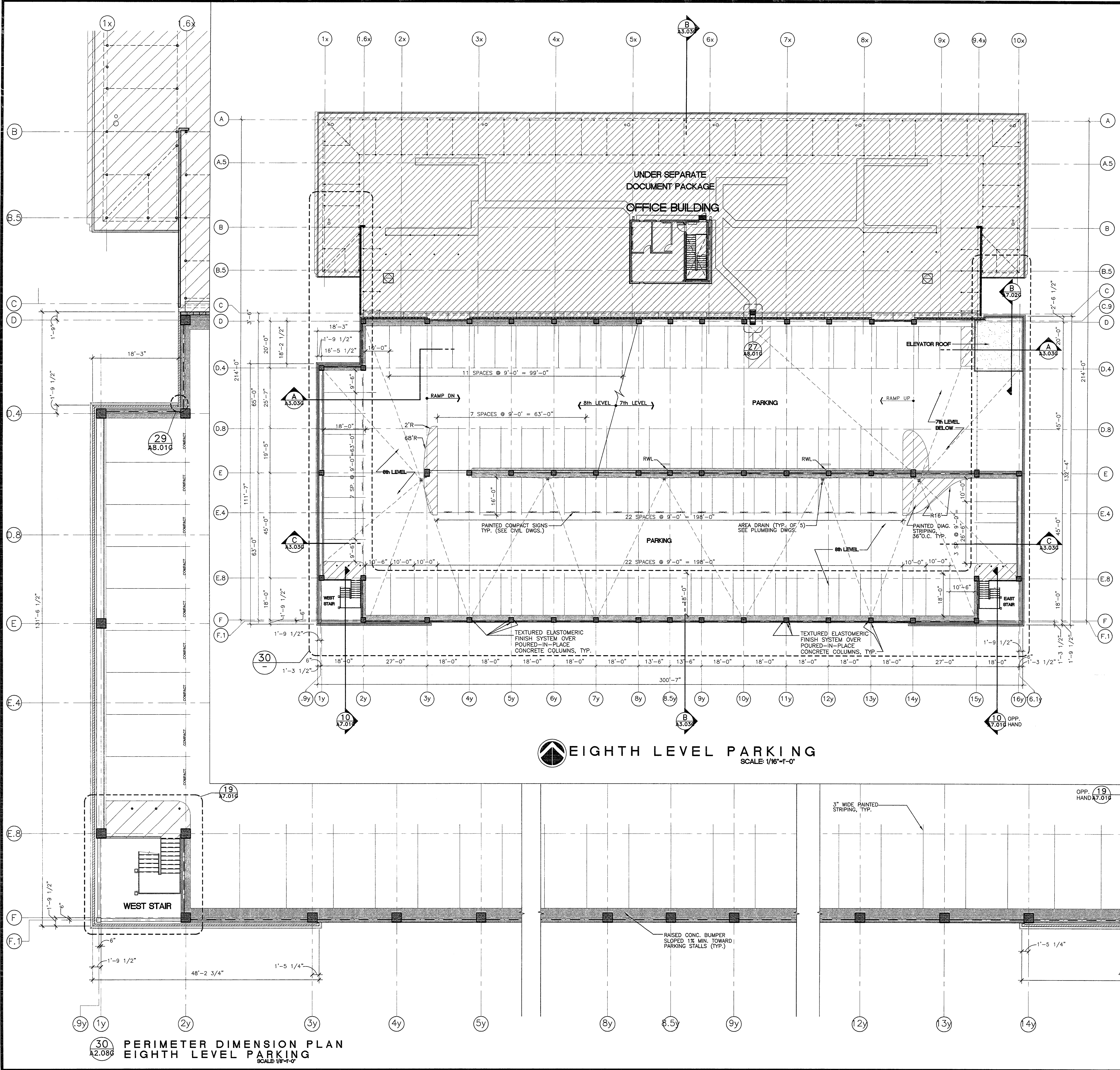
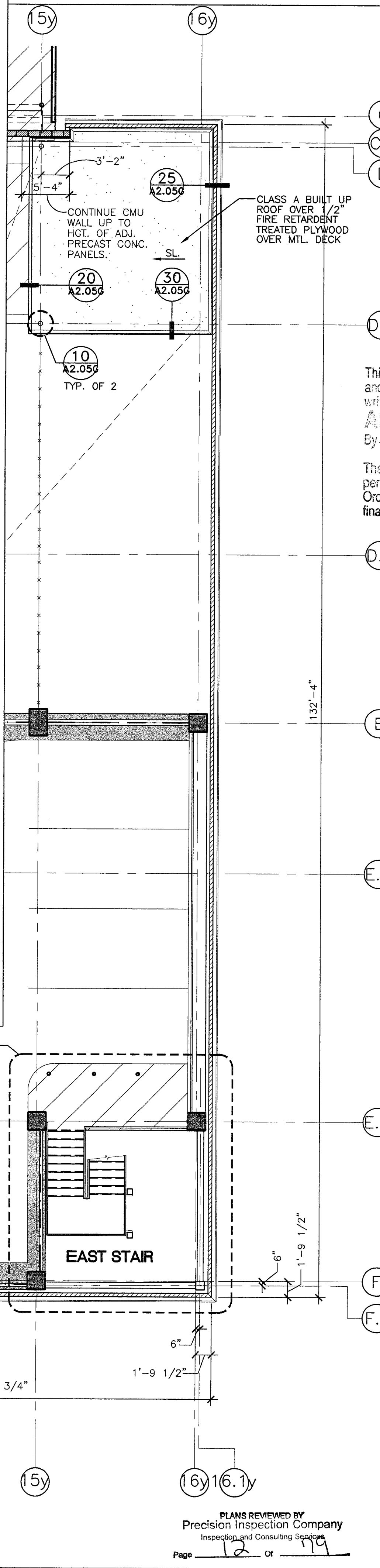
DRAWING  
EIGHTH LEVEL PARKING  
AND  
DETAILS

PROJECT NO. 98113 DRAWING NO. A2.08G

CADFILE A2\_08G  
DATE 7 SEPTEMBER 1999

NOTES:  
1. SEE STRUCTURAL FLOOR PLANS FOR CONCRETE DECK SPOT ELEVATIONS

WALL TYPE	DESCRIPTION
1	PRECAST CONCRETE PANEL. SEE PRECAST CONG. DRAWINGS FOR TYPICAL DETAILS
2	NON-RATED, FULL HEIGHT SHAFTWALL. 1" TYPE 'X' GYP. BD. LINER PANEL (ON SHAFT SIDE) SET BETWEEN 4" METAL 'C' STUDS WITH 5/8" EXTERIOR GRADE GYPSUM SHEATHING AND TEXTURED ELASTOMERIC FINISH SYSTEM. -INCLUDE R-13 BATT. INSUL. AT WALL TYPE [2A]
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5	NON-RATED, FULL-HEIGHT, 4" METAL STUDS WITH 5/8" TYPE 'X' W.R. GYP. BD. AT ELEVATOR SHAFT/ROOM SIDE ONLY.



**EIGHTH LEVEL PARKING**  
SCALE: 1/16"=1'-0"

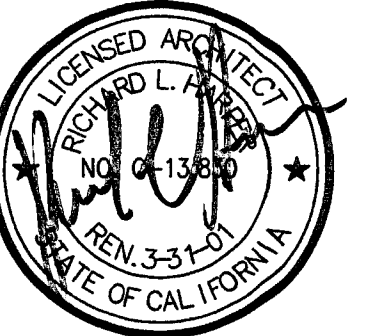
**PERIMETER DIMENSION PLAN**  
**EIGHTH LEVEL PARKING**  
SCALE: 1/8"=1'-0"

PLANS REVIEWED BY  
Precision Inspection Company  
Professional Consulting Engineers  
Page 12 of 199

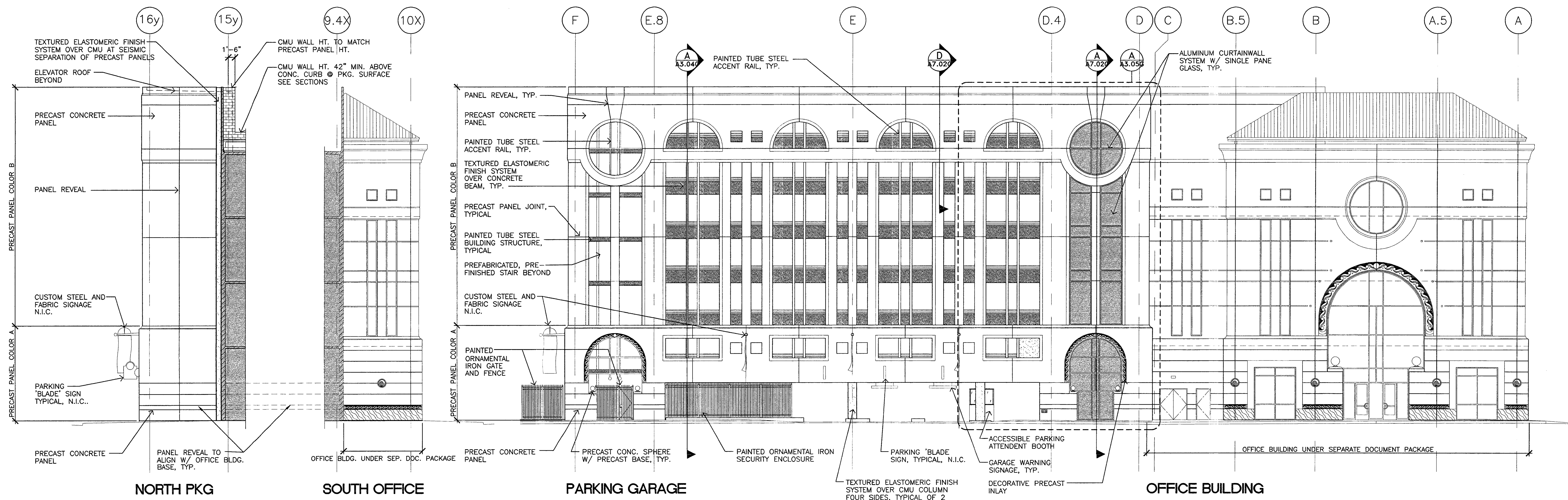




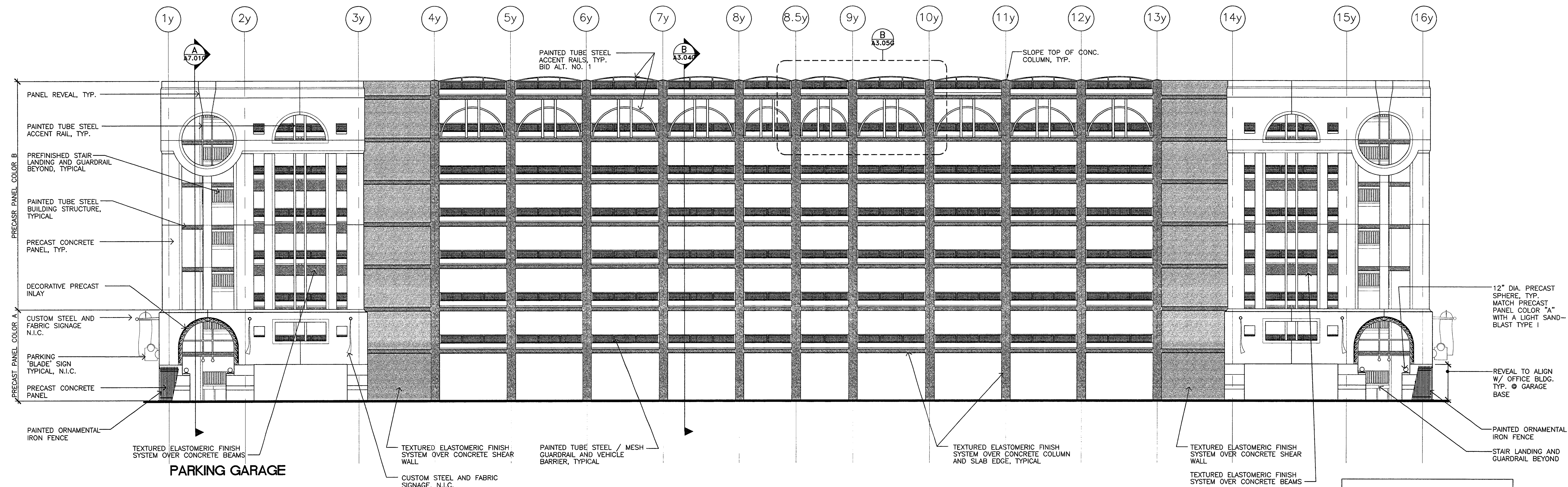




This set of plans and specifications shall be read as a whole and no part shall be construed in isolation. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for obtaining all necessary permits and approvals.



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



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

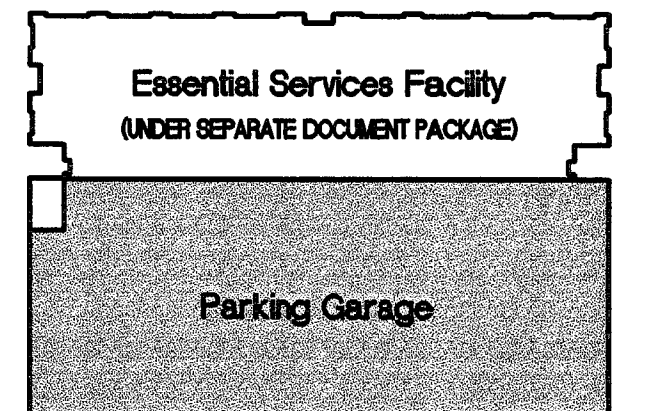
**SANDBLAST SCHEDULE**

TYPE I	LIGHT SANDBLAST
TYPE II	MEDIUM SANDBLAST

NOTE:  
1. TYPE II SANDBLAST U.N.O.

PLANS REVIEWED BY  
Precision Inspection Company  
Inspection and Consulting Services  
Page 14 of 17a

**JOB SITE COPY**



**KEY PLAN**

1-13-2000	3	OVERALL PERMIT SET
11-15-99	2	OVERALL PLAN CHECK SET
10-18-99	1	PROGRESS SET

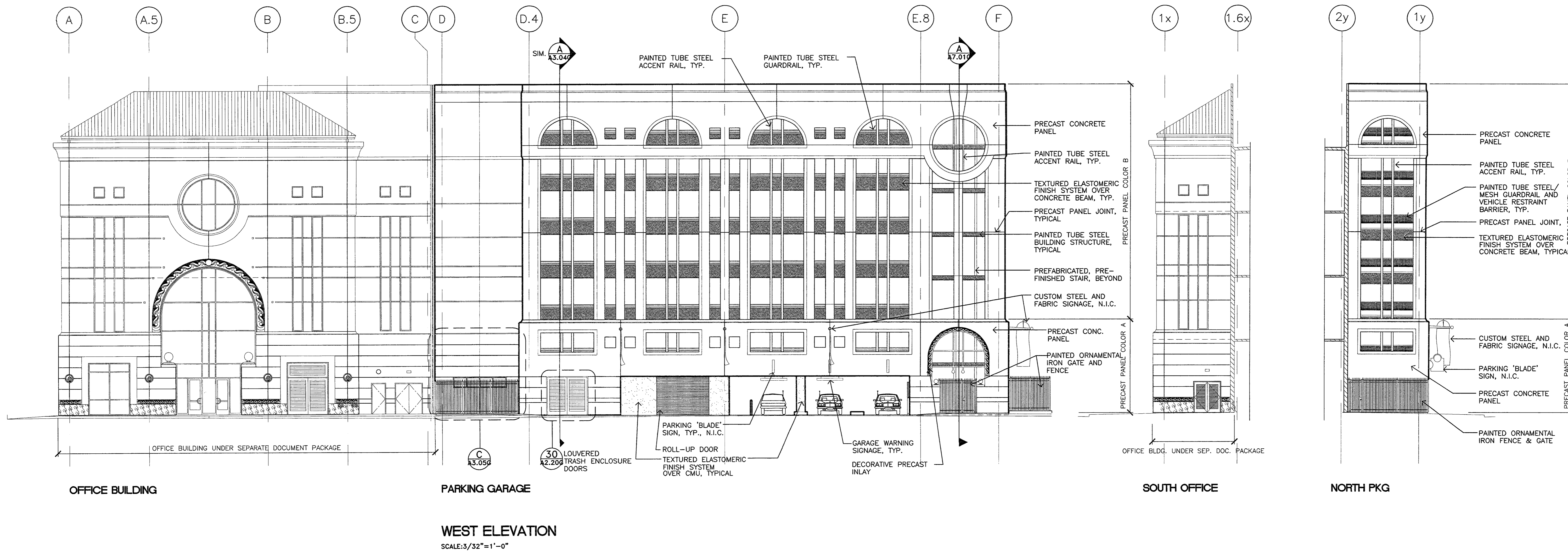
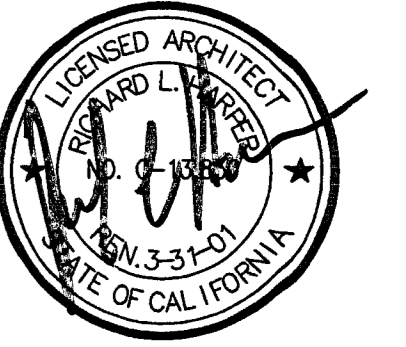
REVISIONS  
DATE NO. DESCRIPTION  
DRAWN BY JMM  
CHECKED BY BH

**5**  
Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

**PARKING GARAGE ELEVATIONS**

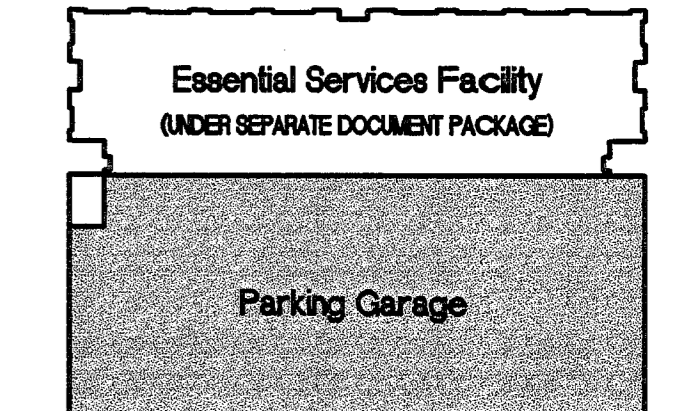
PROJECT NO. 98113 DRAWING NO. A3.01G  
DATE 7 SEPTEMBER 1999





This set of plans and calculations shall be kept on file at all times and shall be available for review by the local jurisdiction at all times. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for obtaining all necessary permits and approvals.

GOOD SITE COPY



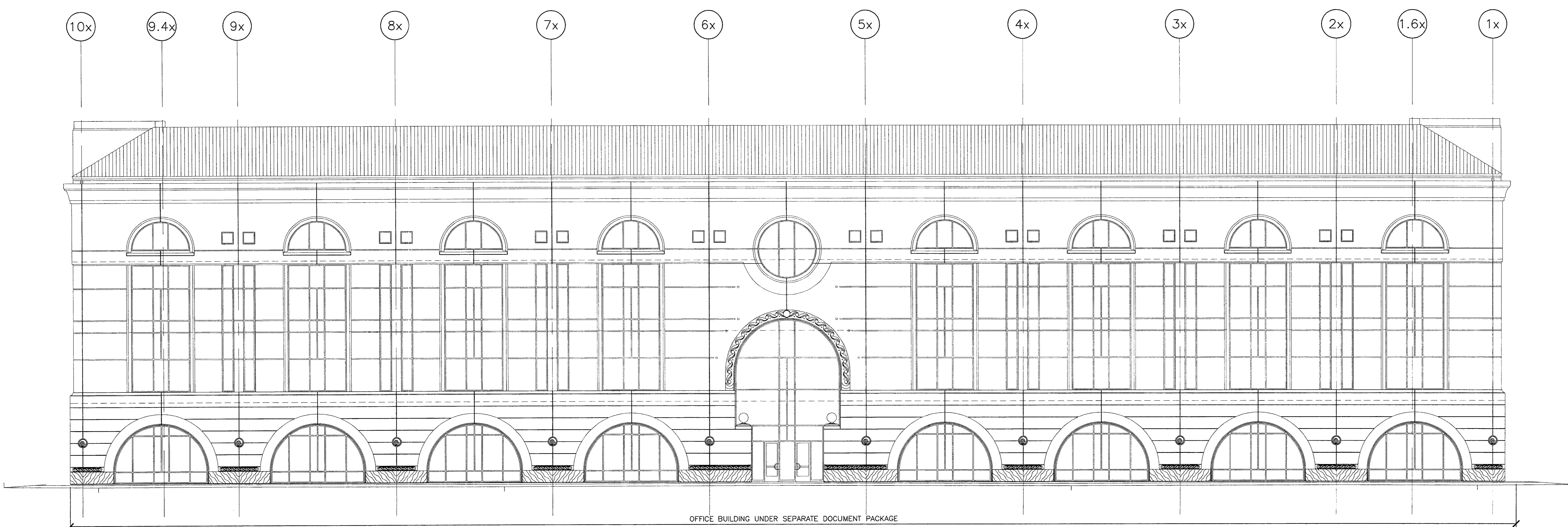
KEY PLAN

1-13-2000	3	OVERALL PERMIT SET
11-15-99	2	OVERALL PLAN CHECK SET
10-18-99	1	PROGRESS SET
DATE	NO.	DESCRIPTION
REVISIONS		
DRAWN BY		
JMM		
CHECKED BY		
SH		

5  
Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

PARKING GARAGE  
ELEVATION

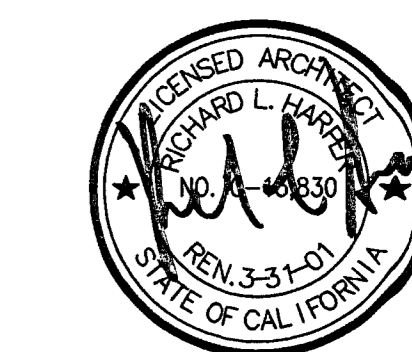
PROJECT NO. 98113 DRAWING NO. A3.02G  
DATE 7 SEPTEMBER 1999



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

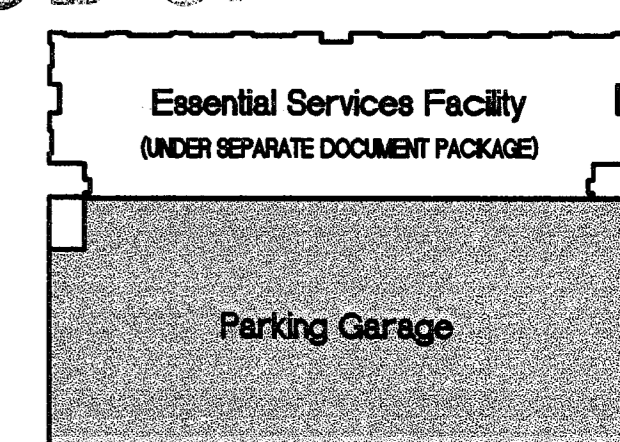
PLANS REVIEWED BY  
Precision Inspection Company  
Inspection and Consulting Services  
Page 15 of 19





This set of plans and calculations MUST be kept on the job at all times and if they are to be used for any other project, the contractor shall be responsible for obtaining the necessary permission of the architect and the owner. The contractor shall be held responsible for any errors or omissions of any kind. Discrepancies or errors shall be permitted until after final approval.

**JOB SITE COPY**



**KEY PLAN**

1-13-2000 OVERALL PERMIT SET

11-15-99 OVERALL PLAN CHECK SET

10-18-99 PROGRESS SET

DATE NO. DESCRIPTION

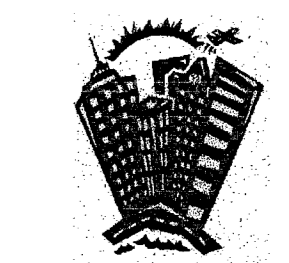
REVISIONS

DRAWN BY

JMM

CHECKED BY

BH

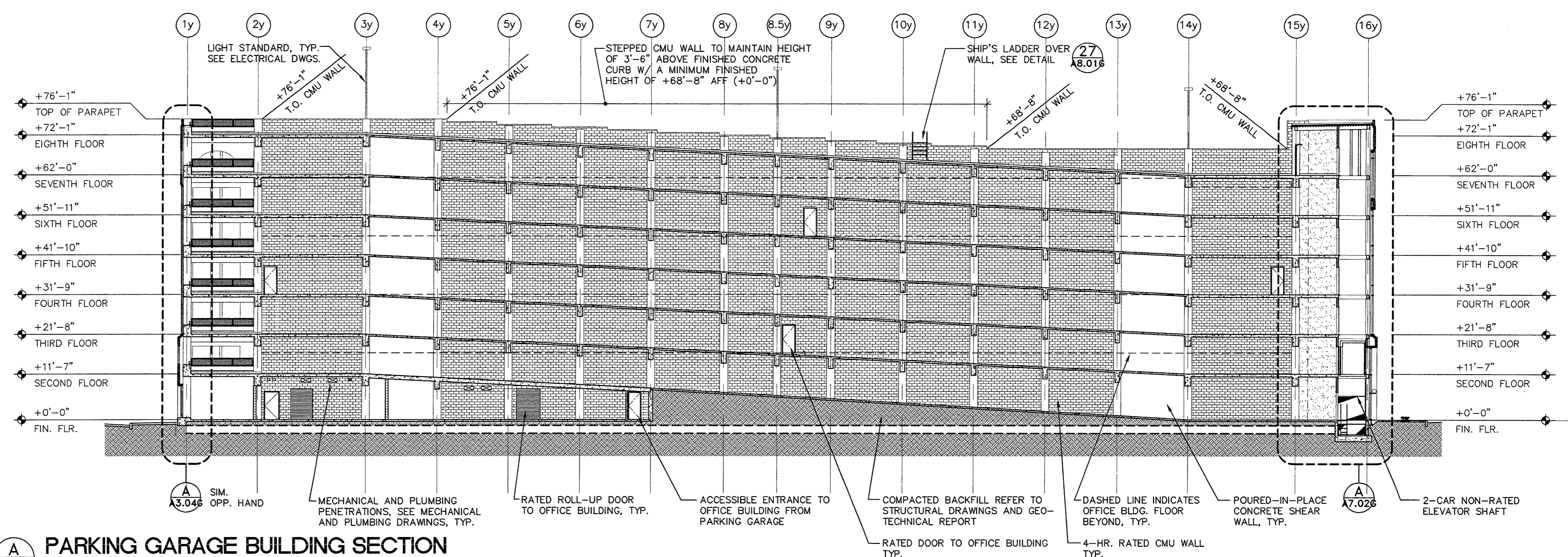


Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

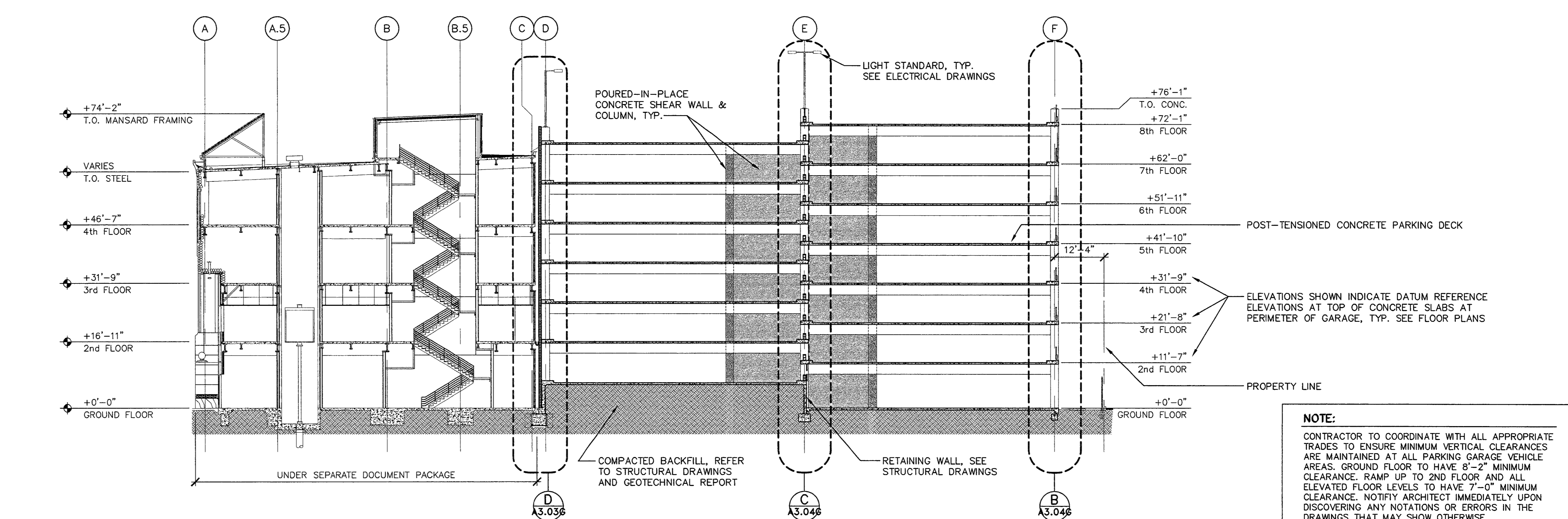
**PARKING GARAGE SECTIONS**

PROJECT NO. 98113 DRAWING NO. A3.03G

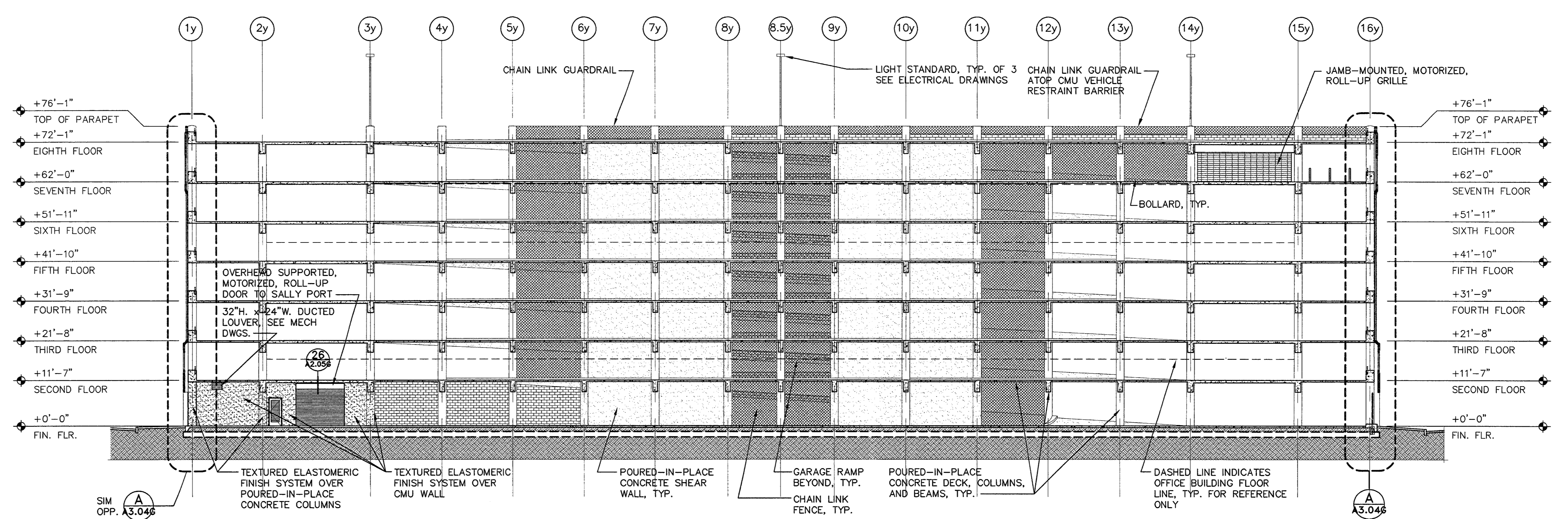
DATE 7 SEPTEMBER 1999



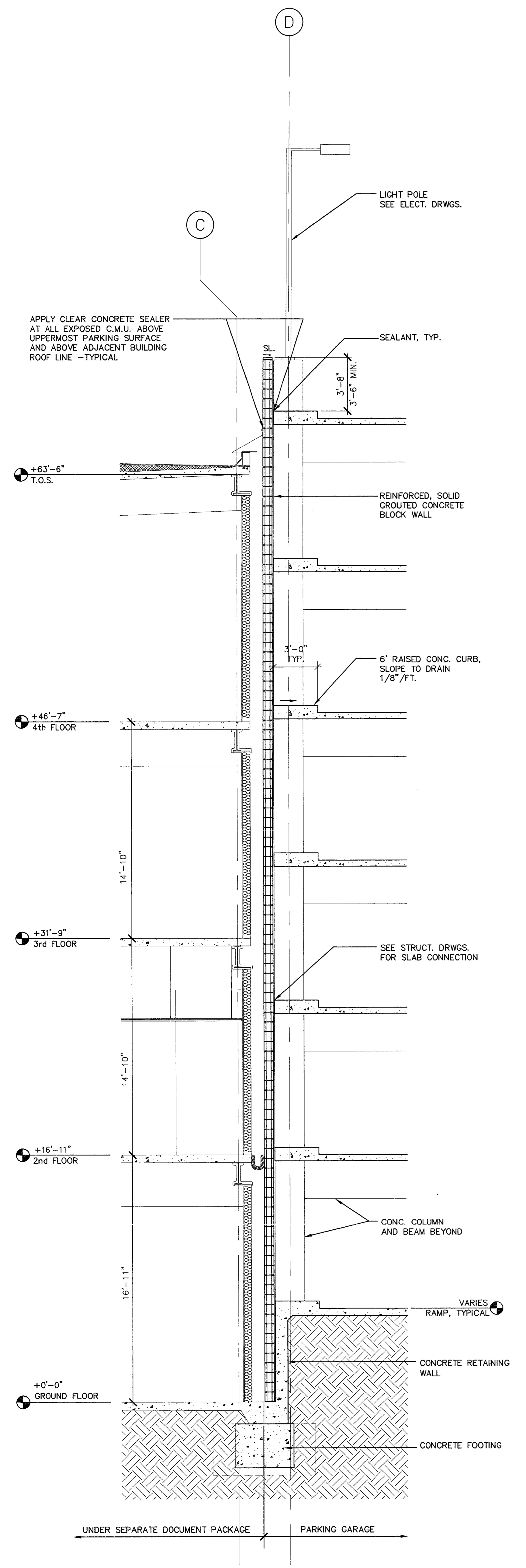
**A** PARKING GARAGE BUILDING SECTION  
1/16"=1'-0"



**B** OFFICE BUILDING / PARKING GARAGE BUILDING SECTION  
1/16"=1'-0"



**C** PARKING GARAGE BUILDING SECTION  
1/16"=1'-0"



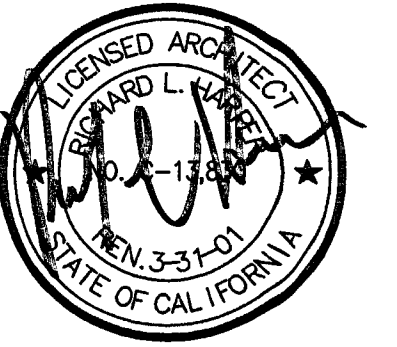
**D** WALL SECTION  
1/4"=1'-0"

PLANS REVIEWED BY  
Precision Inspection Company  
Inspection and Consulting Services  
Page 16 of 19



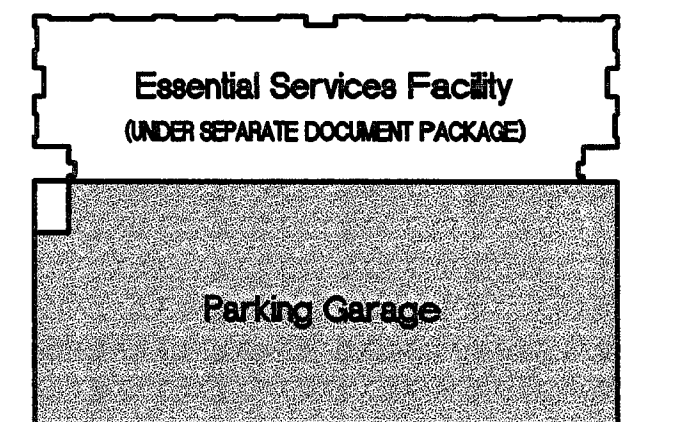






This set of plans and specifications is to be kept on the job site at all times and shall be available for review by the City of Sacramento at all times. The contractor shall be responsible for obtaining all necessary permits and approvals from the City of Sacramento. No part of this set of plans and specifications shall be used for any other project without the written approval of the architect.

JOB SITE COPY



KEY PLAN

11-13-2000 3 OVERALL PERMIT SET

11-15-99 2 OVERALL PLAN CHECK SET

10-18-99 1 PROGRESS SET

DATE NO. DESCRIPTION

REVISIONS

DRAWN BY

JMM

CHECKED BY

BH



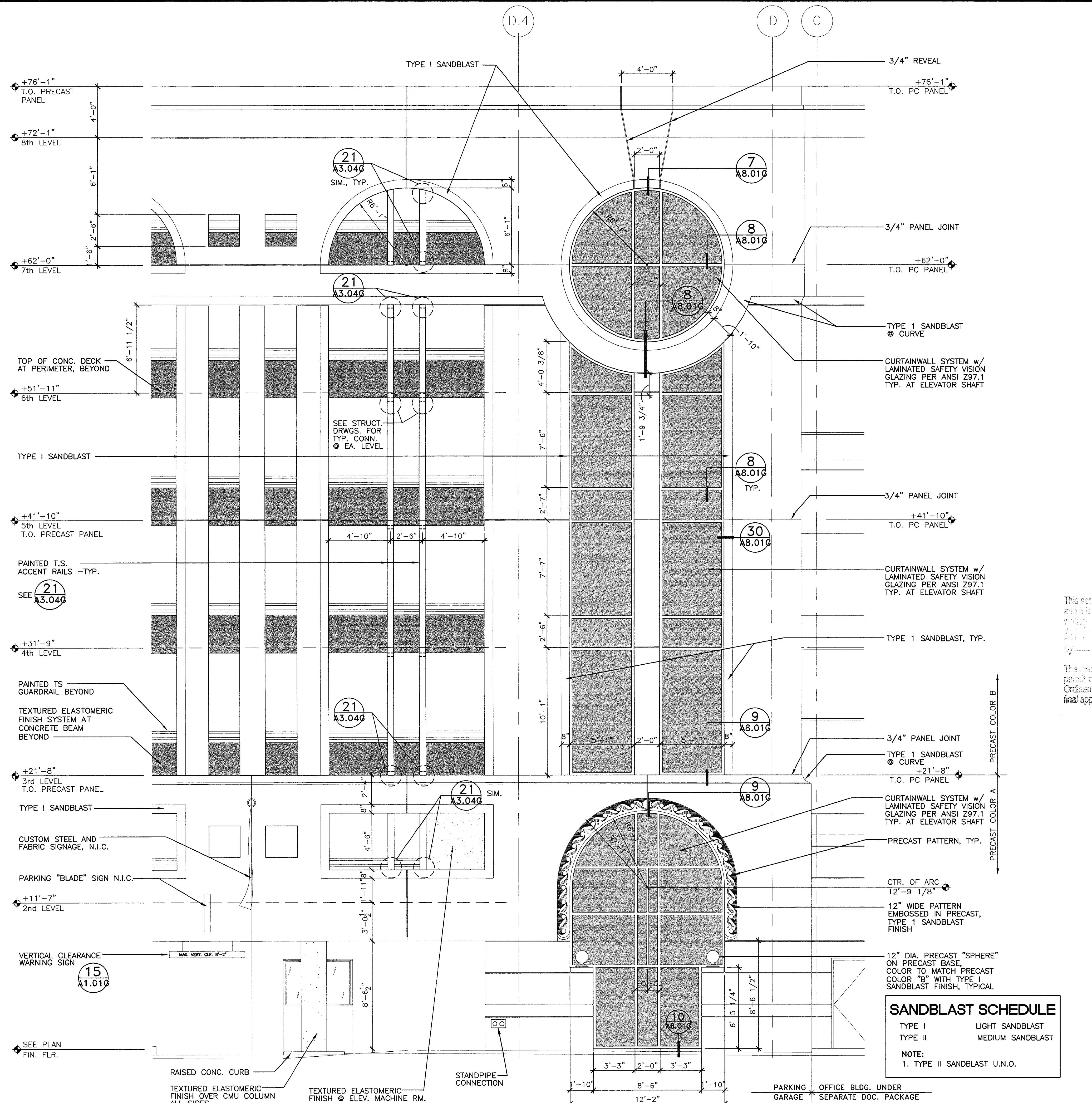
Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

PARKING GARAGE  
ENLARGED PARTIAL  
ELEVATIONS

PROJECT NO. 98113 DRAWING NO. A3.05G

CADFILE A3\_05G

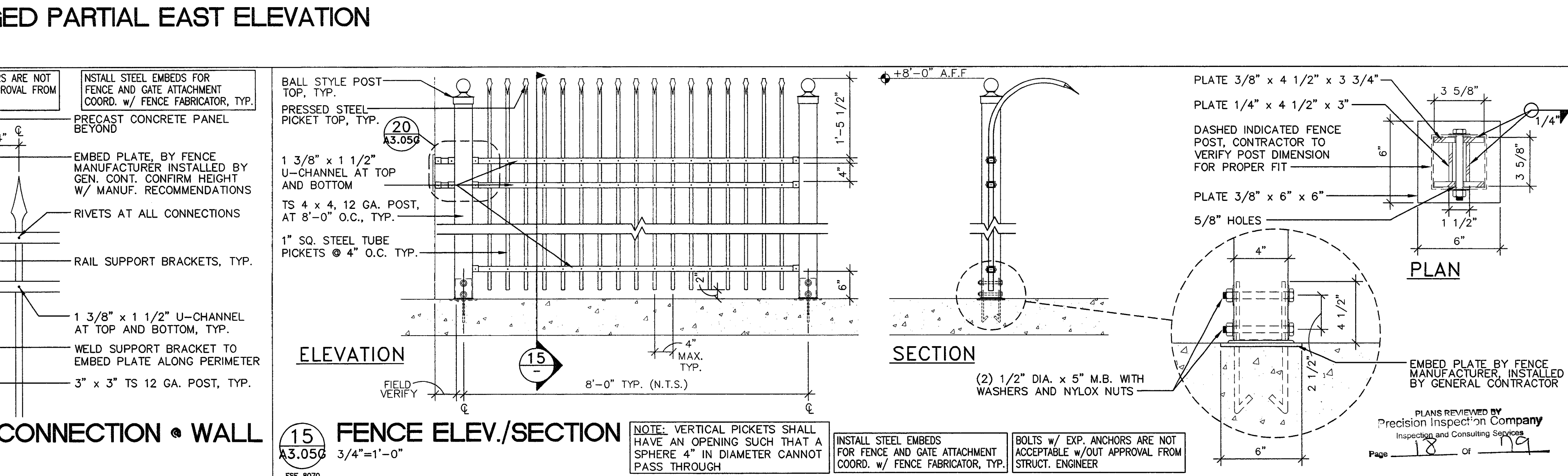
DATE 7 SEPTEMBER 1999



**SANDBLAST SCHEDULE**

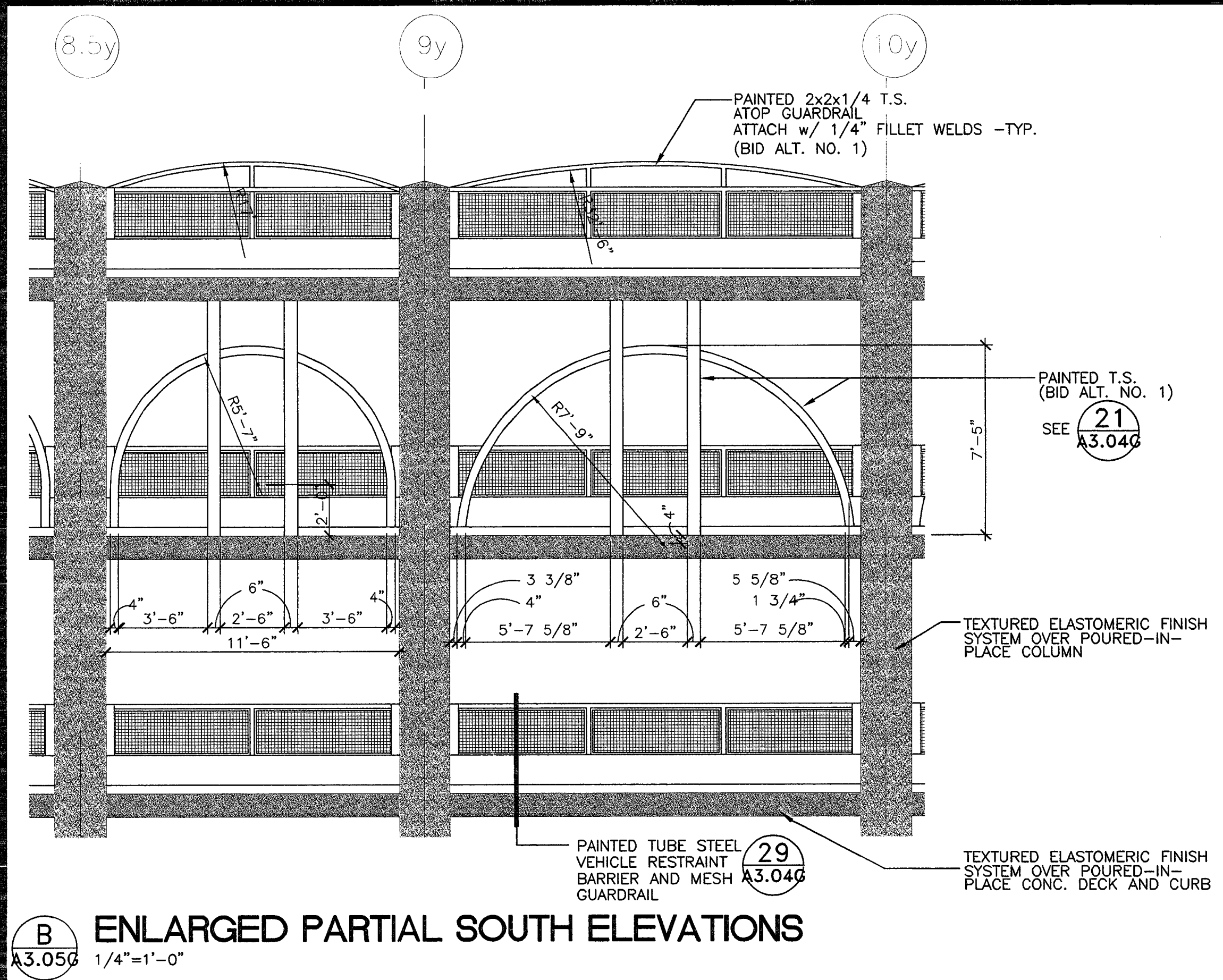
TYPE I	LIGHT SANDBLAST
TYPE II	MEDIUM SANDBLAST

NOTE: 1. TYPE II SANDBLAST U.N.O.

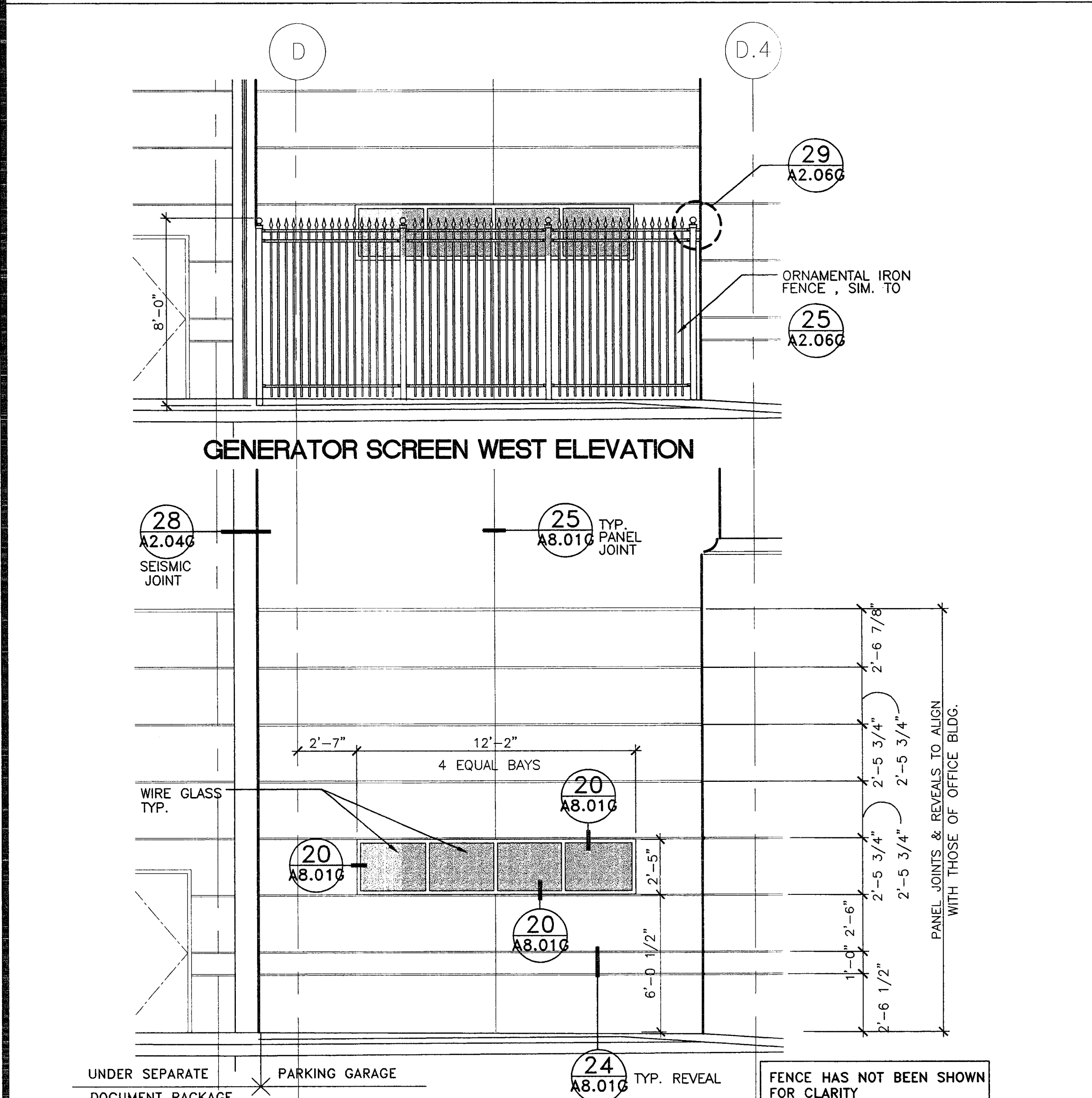


**20 FENCE CONNECTION • WALL**  
BOLTS W/ EXP. ANCHORS ARE NOT ACCEPTABLE W/O APPROVAL FROM STRUCT. ENGINEER  
FIELD VERIFY VARIES 4" C  
INSTALL STEEL EMBEDS FOR FENCE AND GATE ATTACHMENT COORD. W/ FENCE FABRICATOR, TYP.  
BEYOND PRECAST CONCRETE PANEL  
EMBED PLATE BY FENCE MANUFACTURER, INSTALLED BY GEN. CONT. CONFIRM HEIGHT W/ MANUF. RECOMMENDATIONS  
RIVETS AT ALL CONNECTIONS  
RAIL SUPPORT BRACKETS, TYP.  
1 3/8" x 1 1/2" U-CHANNEL AT TOP AND BOTTOM, TYP.  
WELD SUPPORT BRACKET TO EMBED PLATE ALONG PERIMETER  
3" x 3" TS 12 GA. POST, TYP.

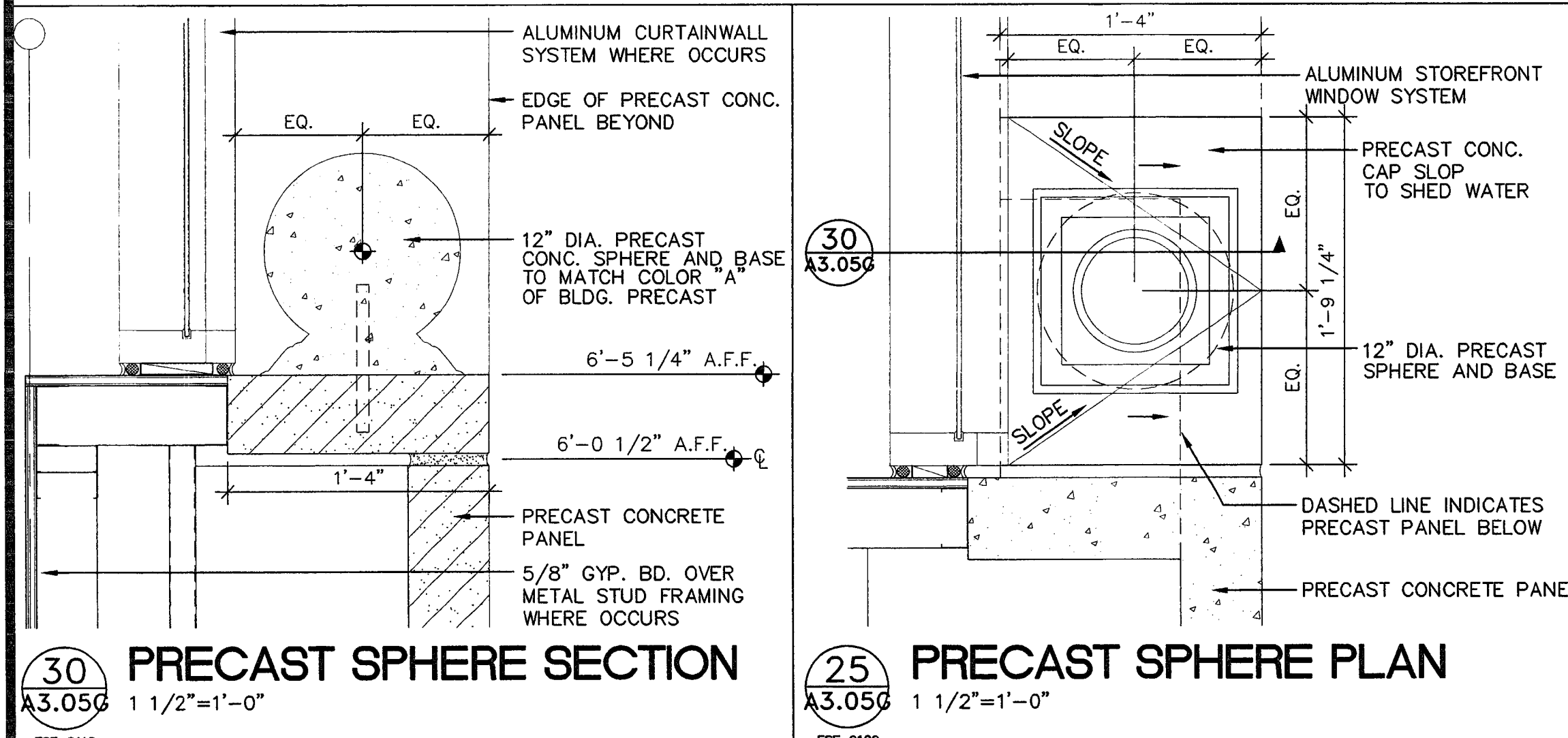
**15 FENCE ELEV./SECTION**  
NOTE: VERTICAL PICKETS SHALL HAVE AN OPENING SUCH THAT A SPHERE 4" IN DIAMETER CANNOT PASS THROUGH  
INSTALL STEEL EMBEDS FOR FENCE AND GATE ATTACHMENT COORD. W/ FENCE FABRICATOR, TYP.  
BOLTS W/ EXP. ANCHORS ARE NOT ACCEPTABLE W/O APPROVAL FROM STRUCT. ENGINEER



**B ENLARGED PARTIAL SOUTH ELEVATIONS**  
1/4"=1'-0"



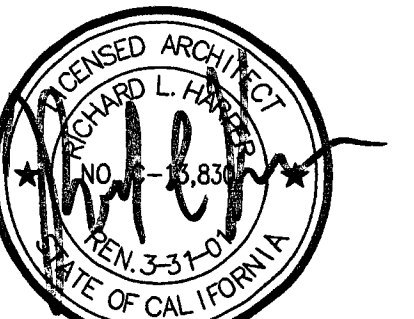
**C ENLARGED PARTIAL WEST ELEVATION**  
1/4"=1'-0"



**30 PRECAST SPHERE SECTION**  
1 1/2"=1'-0"

**25 PRECAST SPHERE PLAN**  
1 1/2"=1'-0"

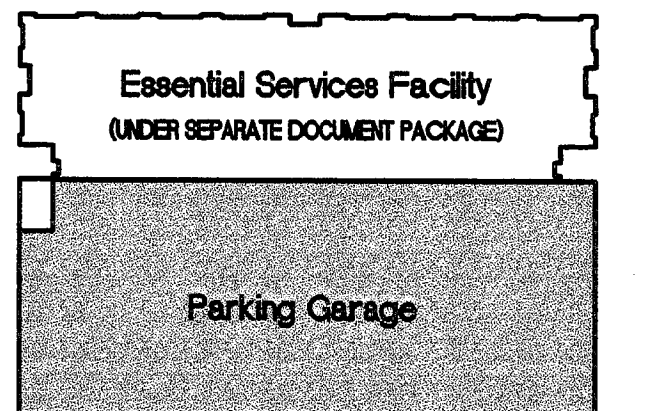




**Turner**  
Construction  
Company

This set of plans and calculations MUST be kept on the job at all times and it is the responsibility of the contractor to provide for the safe storage and protection of these documents. The contractor shall be held responsible for the loss or damage of any original documents. Copying or reproduction is prohibited until after final approval.

**JOB SITE COPY**



**KEY PLAN**

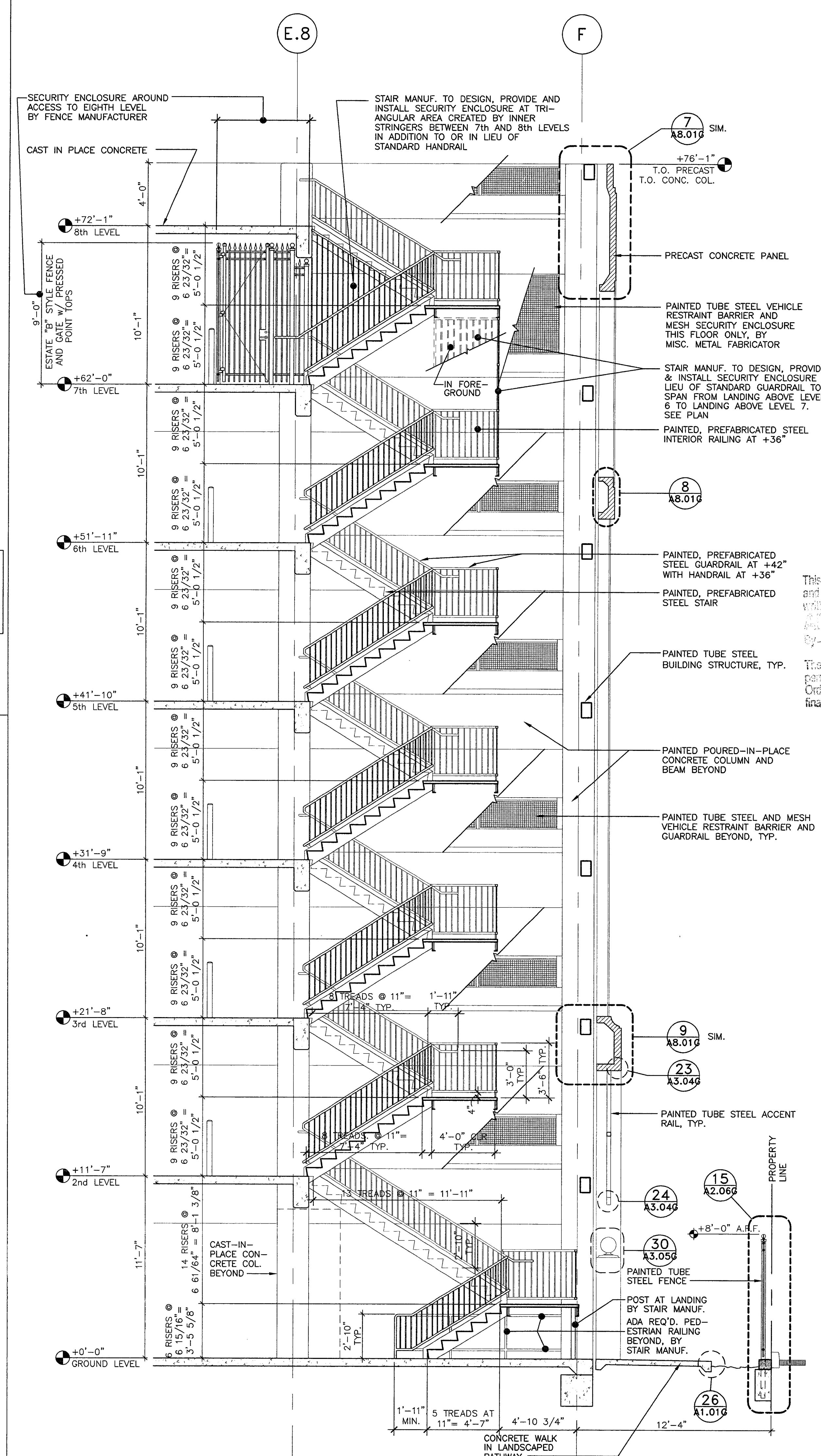
1-13-2000	OVERALL PERMIT SET
11-15-99	OVERALL PLAN CHECK SET
10-18-99	PROGRESS SET
DATE	NO. DESCRIPTION
REVISIONS	
DRAWN BY JM	
CHECKED BY	



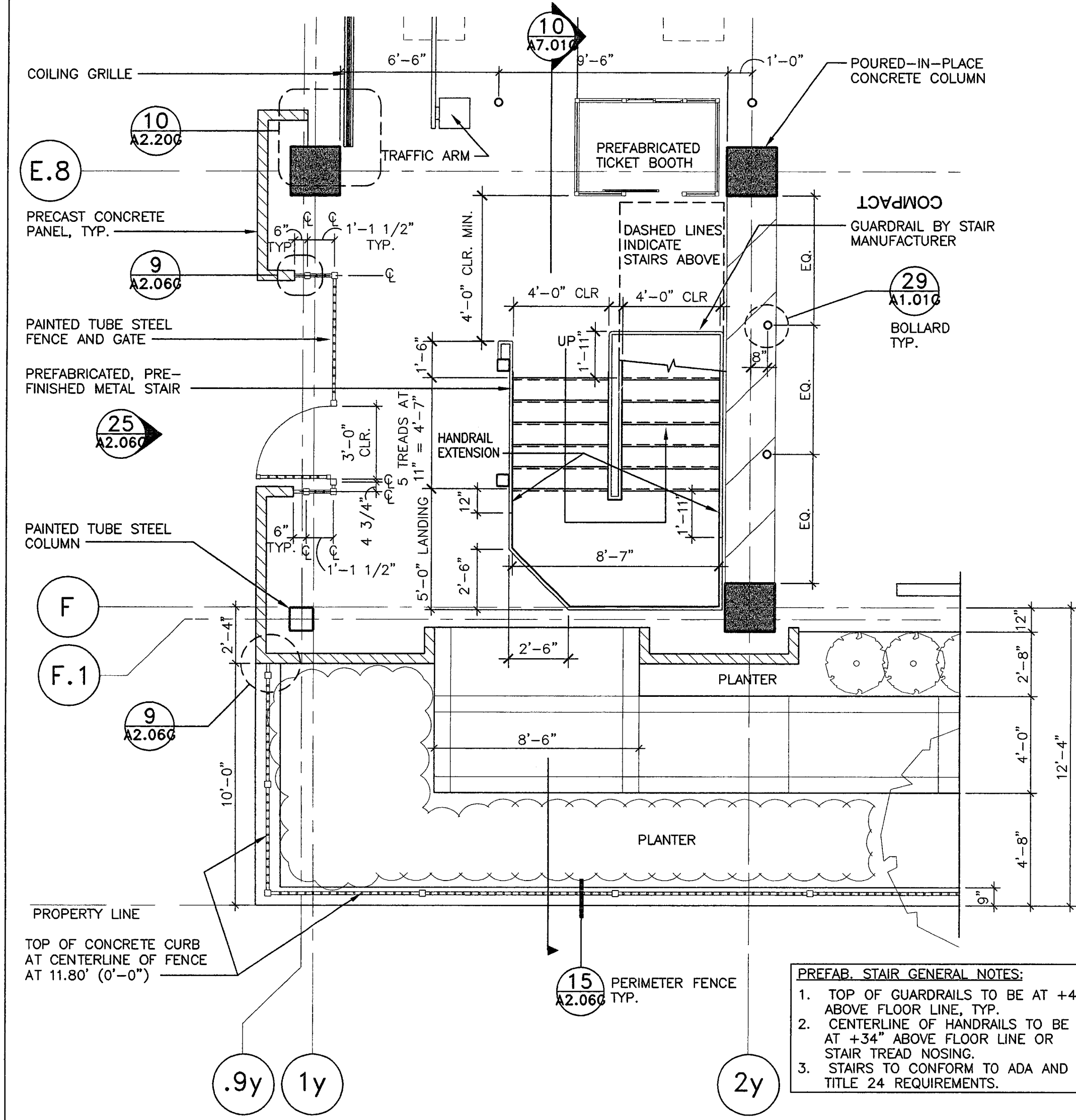
Parking Garage  
15 North El Dorado Street, Stockton, California  
PROGRESS PRINT

**PARKING GARAGE  
STAIR SECTIONS  
AND DETAILS**

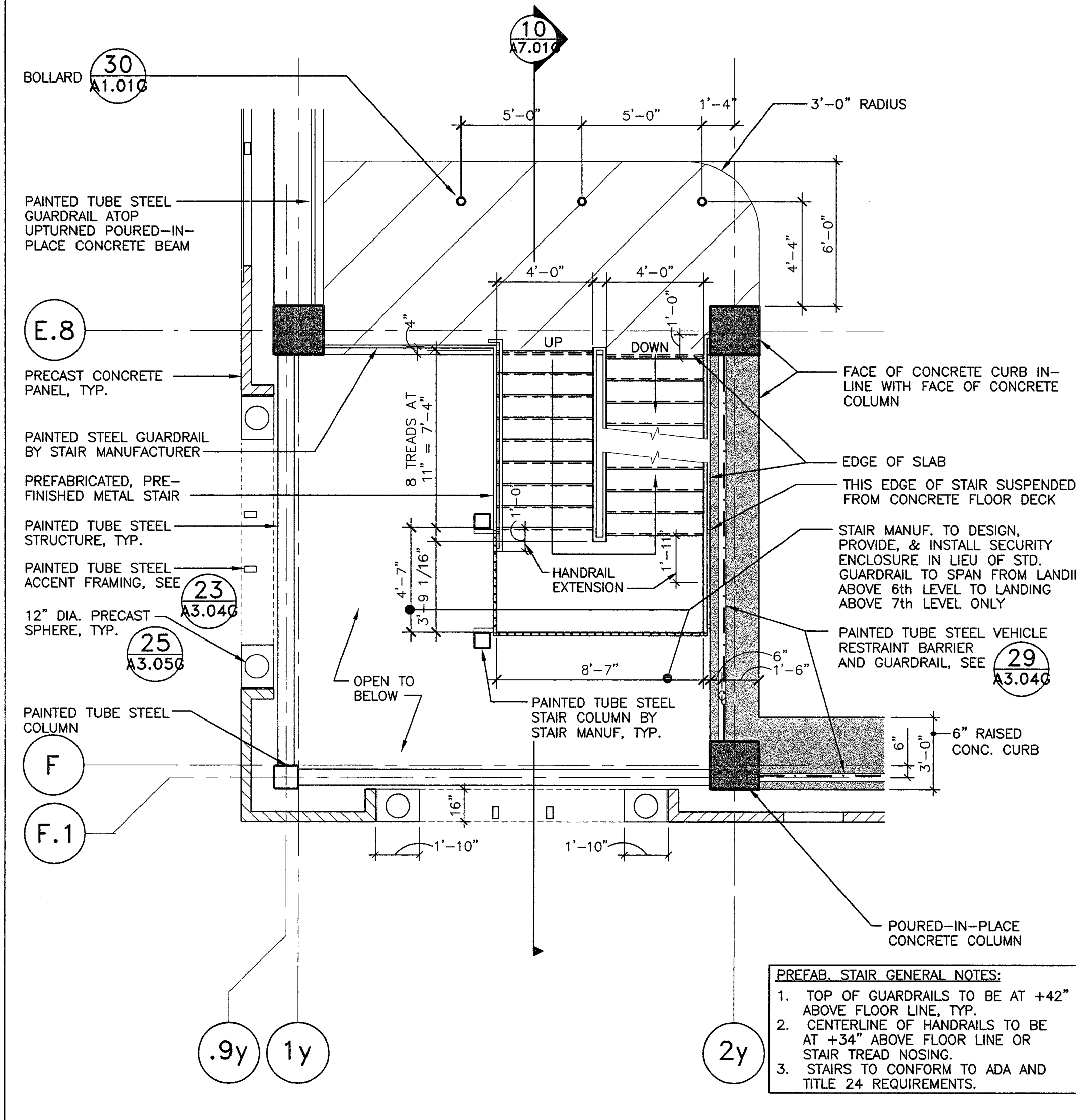
PROJECT NO. 98113 DRAWING NO. A7.01G  
DATE 7 SEPTEMBER 1999



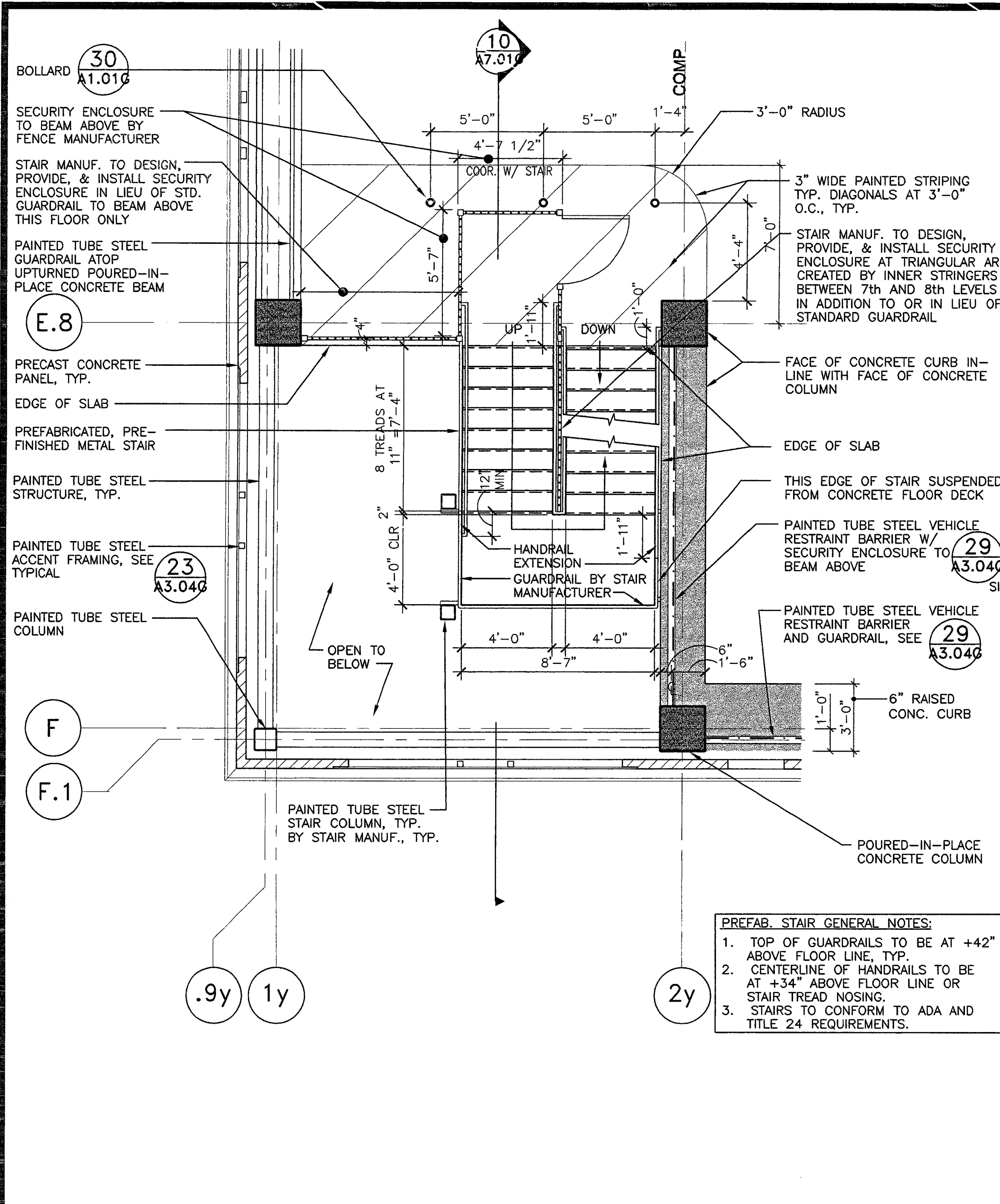
**10 WALL/STAIR SECTION**  
1/4"=1'-0"



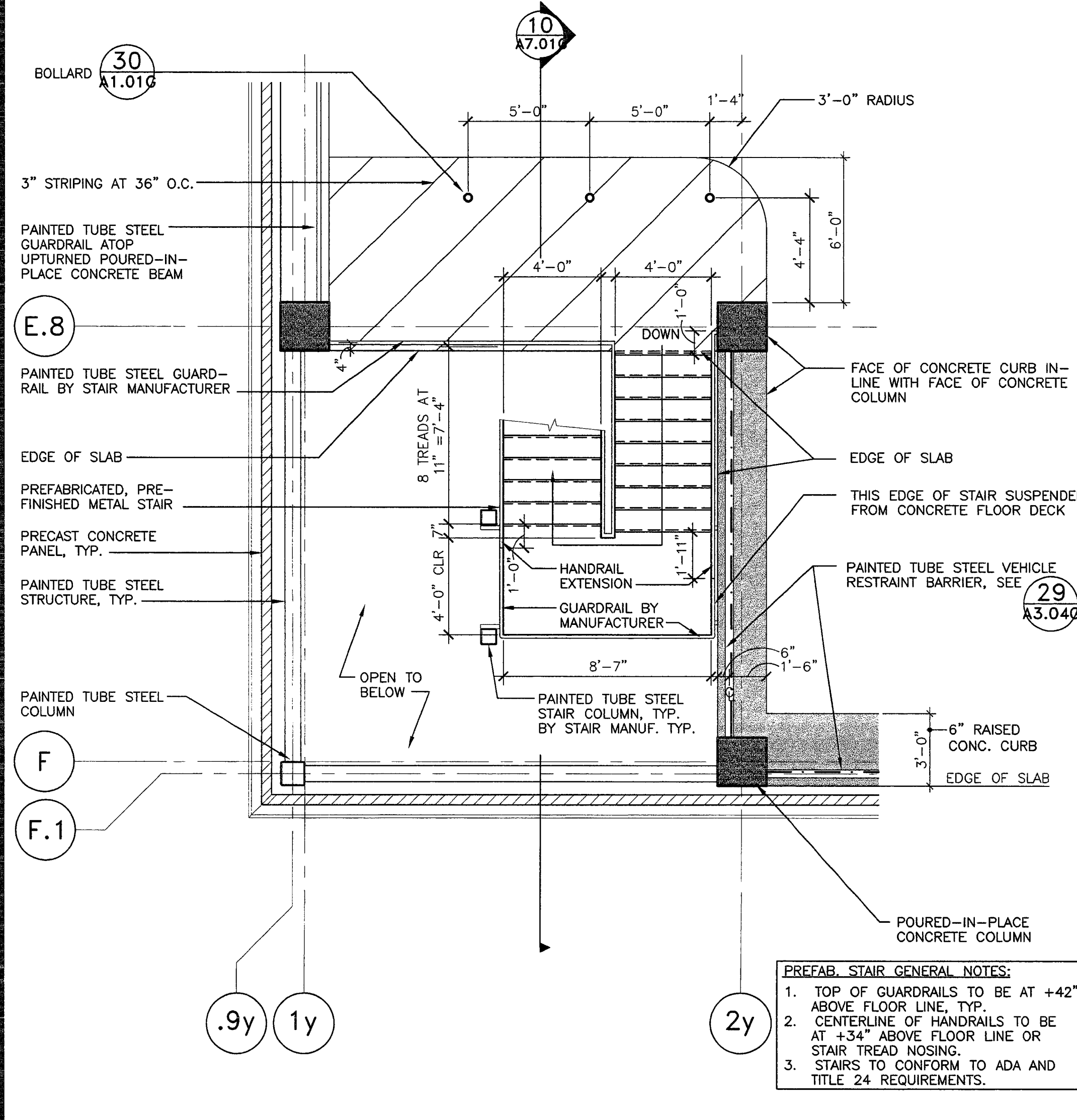
**12 FIRST LEVEL STAIR**  
1/4"=1'-0"



**14 SECOND LEVEL STAIR (LEVELS 3 - 6 SIM.)**  
1/4"=1'-0"



**17 SEVENTH LEVEL STAIR**  
1/4"=1'-0"



**19 EIGHTH LEVEL STAIR**  
1/4"=1'-0"

**PREFAB. STAIR GENERAL NOTES:**  
1. TOP OF GUARDRAILS TO BE AT +42" ABOVE FLOOR LINE, TYP.  
2. CENTERLINE OF HANDRAILS TO BE AT +34" ABOVE FLOOR LINE OR STAIR TREAD NOSING.  
3. STAIRS TO CONFORM TO ADA AND TITLE 24 REQUIREMENTS.

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