

[illegible]

Copper Ave. Parking Structure
Albuquerque, New Mexico

PROJECT DATA

Table of Contents

NO.	DESCRIPTION
1	FOUNDATION PLAN
2	1ST LEVEL PLAN
3	2ND LEVEL PLAN
4	3RD LEVEL PLAN
5	4TH LEVEL PLAN
6	5TH LEVEL PLAN
7	6TH LEVEL PLAN
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180	179TH LEVEL PLAN



**CONSTRUCTION
DRAWINGS**

PROJECT 1046

RECORD DRAWINGS

FMBSM Flisow • Moore • Bryan • Shaffer •
 McCabe
 12-15-86
 Date: **UPDATE** By: **CHM**

RECORD DRAWINGS
FMBSM Flastow • Moore • Bryan • Shaffer •
12-15-86 McCabe
Date: UPDATE By: [Signature]

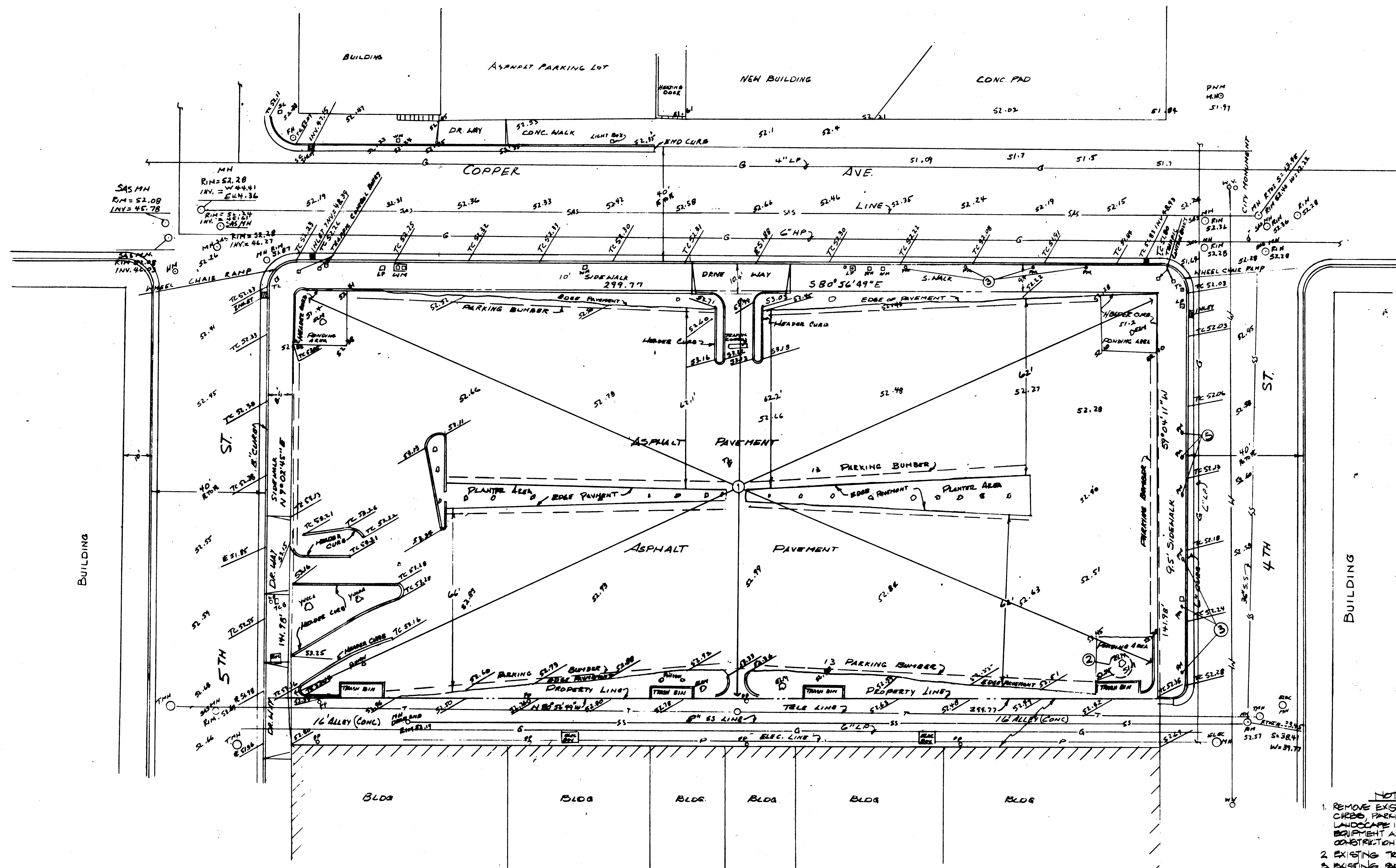
ADDRESS: 400 COPPER AVENUE NW
OWNER: CITY OF ALBUQUERQUE, NEW MEXICO
ARCHITECT: FLATON, MOORE, BRYAN & ASSOCIATES
PHONE: 268-6783
TYPE OF BUILDING: COMMERCIAL
TYPE OF CONSTRUCTION: TYPE 1
LEGAL DESCRIPTION: LOTS 1 THROUGH 12, BLOCK 11,
ORIGINAL TOWN SITE
GROSS SQUARE FOOTAGE: 182,164 S. F.
TYPICAL FLOOR: 32,390 S. F.
ROOF: 17,224 S. F.
BUILDING ZONE: SU-3
SEISMIC ZONE: UBC 2
SOIL BEARING CAPACITY:
WIND LOAD: UBC 30 PSF WIND PRESSURE MAP AREA
ROOF LOAD: 50 PSF UNIFORM, 2000 PSF
FLOOR LIVE LOAD: 50 PSF UNIFORM, 2000 PSF
CONCENTRATED

CONCRETE DESIGN STRENGTH:
F'C = 4000 PSI FOR
STRUCTURAL SLABS,
SHEAR WALLS, PRECAST
BEAMS & COLUMNS,
AUGERCAST PILES
F'C = 3000 PSI ALL
OTHER CONCRETE.

PARKING SUMMARY:
TOTAL PARKING STALLS
REGULAR STALLS
SMALL CAR STALLS
TOTAL PARKING STALLS
W/ FULL ROOF
REGULAR STALLS
SMALL CAR STALLS
HANDICAP STALLS
SQUARE FEET/STALL
SQUARE FEET/STALL
W/ FULL ROOF
FUTURE COMMERCIAL AREA
TOTAL PARKING STALLS W/
FUTURE COMMERCIAL
TOTAL PARKING STALLS W/
FUTURE COMMERCIAL AND
W/ FULL ROOF

557
300
149
12
(275)
590
450
105
12
327.63
330.15
12,825 S. F.
491
533

1 2 3 4 5 6 7 8 9 10 11 12
26 10460087



- NOTES**
1. REMOVE EXISTING ASPHALT PAVEMENT, HEADER CURBS, PARKING BUMPERS, TRASH BINS, LANDSCAPING, LANDSCAPE IRRIGATION SYSTEM, TRAFFIC CONTROL EQUIPMENT AND ALL OTHER OBSTRUCTIONS TO CONSTRUCTION UNLESS OTHERWISE NOTED.
 2. EXISTING TREE TO REMAIN.
 3. EXISTING PARKING METERS TO BE REMOVED.

GENERAL NOTES

- CONTRACTOR SHALL REPLACE ALL EXISTING EXISTING PAVEMENT, SIDEWALKS AND CURBS DAMAGED BY REMOVALS & OTHER CONSTRUCTION OPERATIONS.
- THIS DRAWING WAS PROVIDED BY THE CITY OF ALBUQUERQUE FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS.
- THIS SITE MAY CONTAIN EXISTING CONCRETE FOOTINGS FROM PREVIOUS BUILDING(S) WHICH MUST BE REMOVED AND ARE NOT SHOWN ABOVE.
- ALL PARKING EQUIPMENT IS THE PROPERTY OF THE CITY OF ALBUQUERQUE AND SHALL BE DELIVERED AT THEIR REQUEST.
- ALL EXISTING LANDSCAPE IS THE PROPERTY OF THE CITY OF ALBUQUERQUE AND SHALL BE MADE AVAILABLE UPON THEIR REQUEST.

*These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect.

1/21/04 David W.

AS BUILT 8/26/09

LEGEND

MH	MANHOLE
WM	WATER-METER
PM	PARKING METER
LP	LIGHT POLE
TL	TRAFFIC LIGHT
TM	TELEPHONE MANHOLE
TC	TOP OF CURB
PP	POWER POLE
FL	FLOW LINE
LV	WATER VALVE
SAS	SANITARY SEWER
ES	STORM SEWER
---	PROPERTY LINE
TCS	TRAFFIC CONTROL BOX
TS	TABLE STATION

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COPPER AVENUE PARKING STRUCTURE

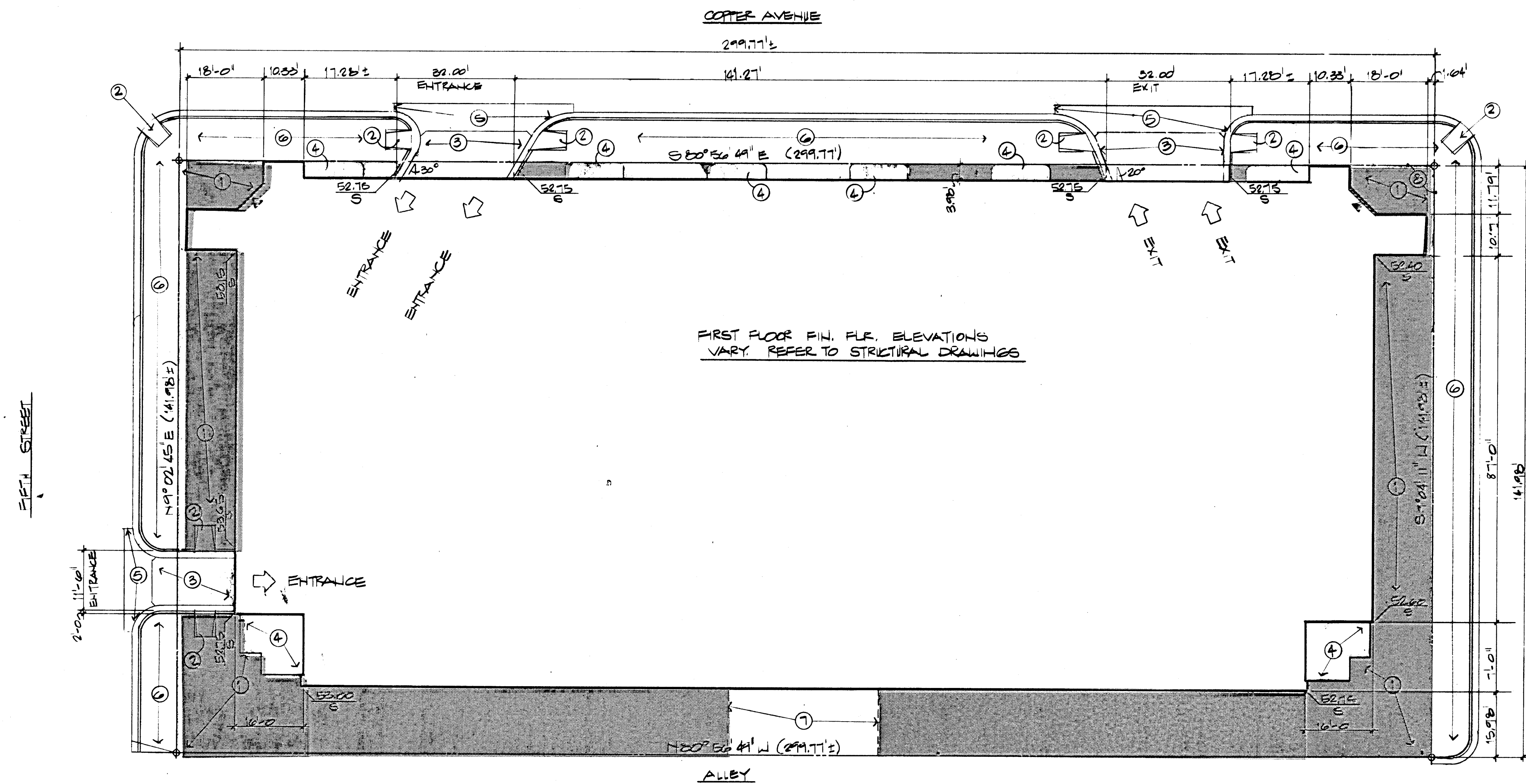
400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

fab
Fate & Moore, Inc. & Associates
ARCHITECTS

CITY OF ALBUQUERQUE
DRAWING NO. 1046
MAP K-14
(1/31/81)

1/23-A
checked

C1



- NOTES**
1. SHADDED AREA INDICATES NEW SIDEWALK. REFER TO C-3 FOR DETAIL & DETAILS.
 2. WHEELCHAIR RAMP (CONSTRUCT PER CITY OF ALBUQUERQUE STANDARDS).
 3. NEW CONCRETE DRIVEWAY (CONSTRUCT PER CITY OF ALBUQUERQUE STANDARDS).
 4. CITY PLANTER.
 5. CONSTRUCT VALLEY CUTTER PER CITY OF ALBUQUERQUE STANDARDS.
 6. EXISTING SIDEWALK CURB AND GUTTER TO BE REPLACED UNDER ALTERNATE #4.
 7. LOCATION OF NEW ROOM ELECTRICAL VAULT N.C.
 8. PROPERTY LINE.

SITE PLAN
1/10/10



- GENERAL NOTES**
- A. CONTRACTOR SHALL REPLACE ALL EXISTING EXISTING PAVEMENT, SIDEWALKS AND CURBS DAMAGED BY REMOVALS & OTHER CONSTRUCTION OPERATIONS.
 - B. BUILDING DIMENSIONS SHOWN ARE TO OUTSIDE OF WALLS.
 - C. E. INDICATES PEDESTRIAN ENTRANCE.

"These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect."

11/21/04 DWG:W

AS BUILT 8/23/09

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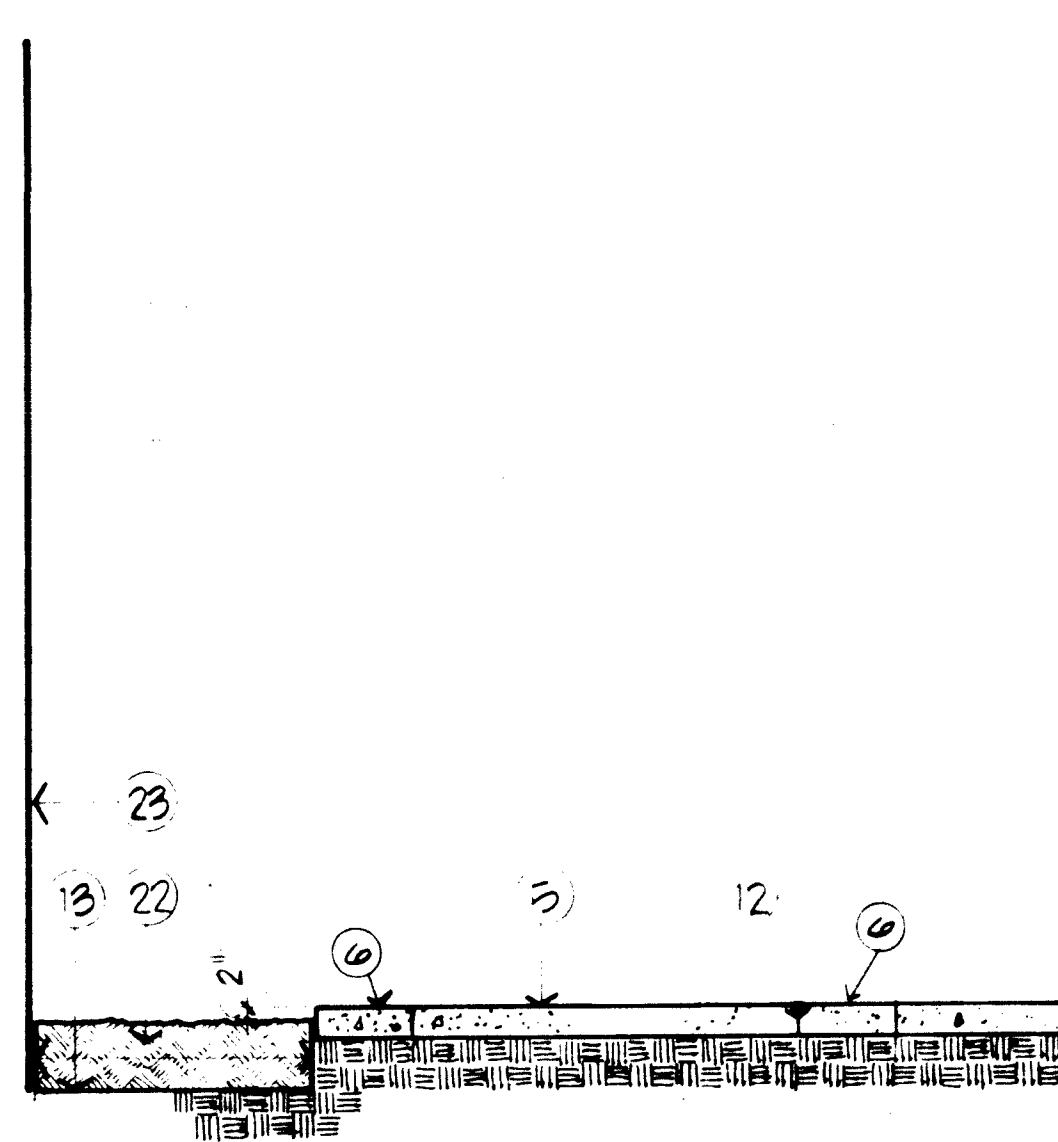
COPPER AVENUE PARKING STRUCTURE

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ALBUQUERQUE, NEW MEXICO

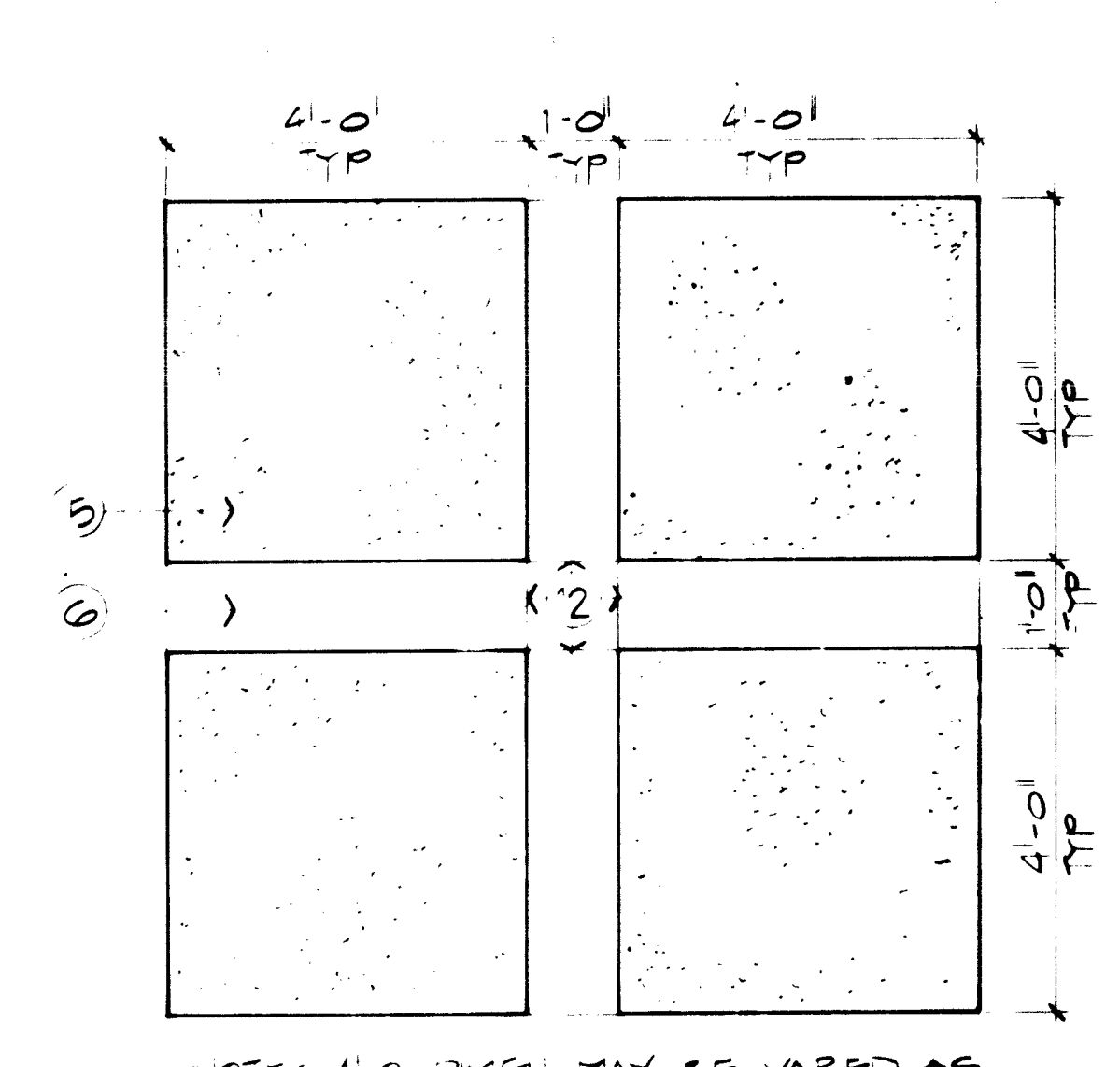
JMB
JASON M. BROWN & ASSOCIATES
ARCHITECTS

STATE OF NEW MEXICO
JASON P. MOORE
No. 107
REGISTERED ARCHITECT

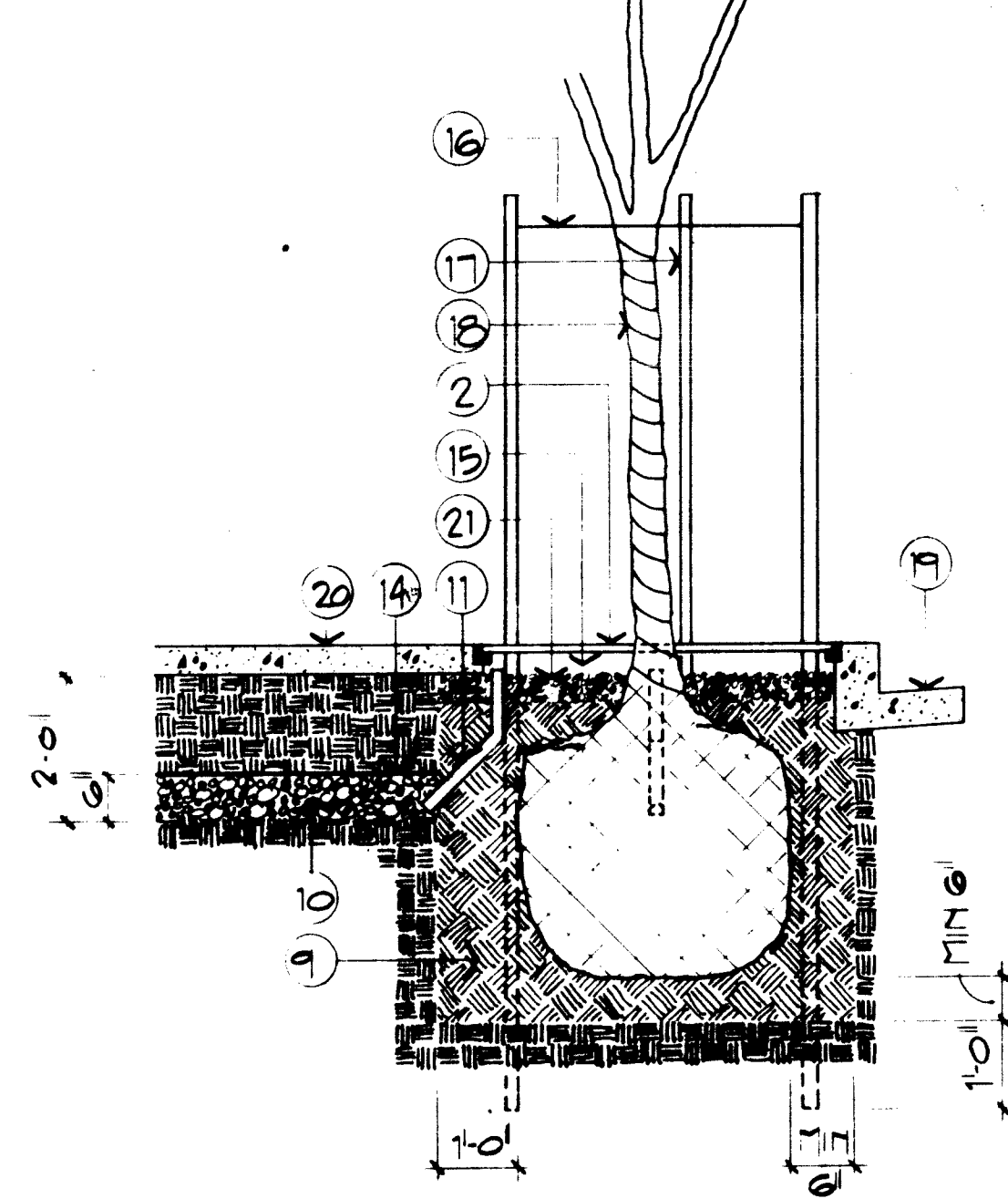
DATE: 11/21/04
BY: JMB
CHECKED: JMB
FILE: L23-A
SITE PLAN



PLANTER DETAIL
12-1-0



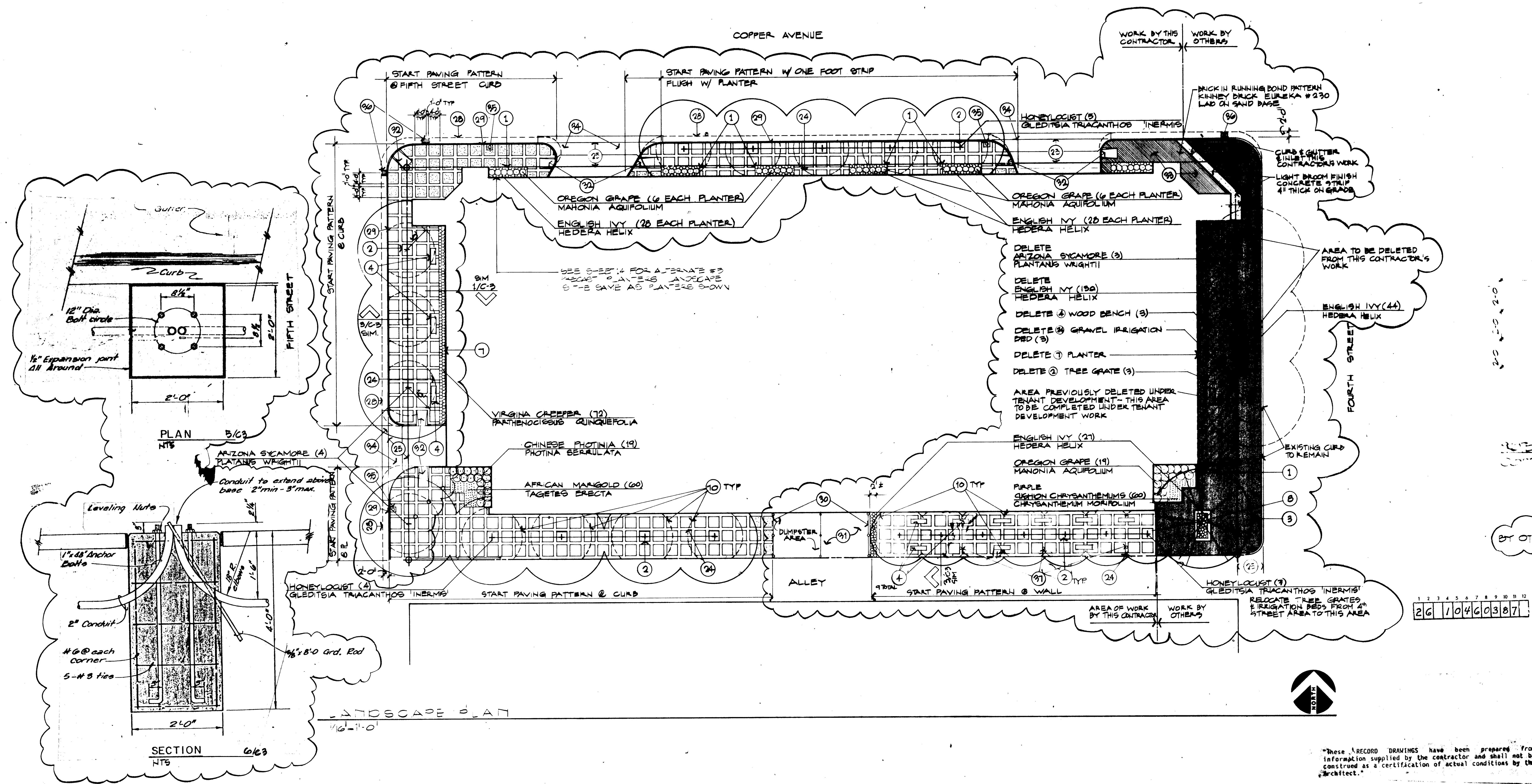
PAVING PATTERN DETAIL
12-1-0



TREE PLANTING & STAKING DETAIL
12-1-0

LEGEND				
COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE	REMARKS
ARIZONA SYCAMORE	PLATANUS WRIGHTII	1	2 1/2' x 3' GAL	CONT.
HONEYLOCUST	GLEDITSIA TRACANTHOS	1	2 1/2' x 3' GAL	CONT.
OREGON GRAPE	MAHONIA AQUIFOLIUM	55	15 GAL	CONT.
CHINESE PHOTOPIA	PHOTINIA SERRULATA	19	15 GAL	CONT.
AFRICAN MANGOLD	TAGETES ERECTA	60	4' POTS	2'00" TRIANGULATE
COMMON PURP	CHRYSANTHEMUM MONIFOLIUM	60	4' POTS	2'00" TRIANGULATE
ENGLISH IVY	HEDERA HELIX	521	1 GAL	2'00" TRIANGULATE
VIRGINIA CREEPER	PARHENSIOGLOUS QUINQUEFOLIA	72	1 GAL	2'00" TRIANGULATE

- NOTES:
1. RANDED PLANTER SEE NAL SECTION 12-1-0
 2. CAST IRON TREE GRATE - TETRAH R-6440 80" SQUARE TO BE BOLTED TO FRAME PRIOR TO POURING SIDEWALK AS PER TIGER'S SPEC (TYP)
 3. EXISTING COTTONWOOD 4/CS
 4. EXISTING 6" DIA. HOLE DETON TO BE BOLTED TO SIDEWALK AS PER TIGER'S SPEC
 5. EXPOSED AGGREGATE SIDEWALK PANEL
 6. BROOM FINISH CONCRETE
 7. PLANTING BED SEE DETAIL THIS SHEET
 8. TO PAVING TO TREE GRATE AROUND EXISTING TREE
 9. BACKFILL SOIL MIXTURE
 10. 1/2" x 1/2" x 1/2" CONCRETE GRAVEL REINFORCING BED TO EXTEND 1/4" x 1/4" RADII FROM EACH TREE SEE LANDSCAPE PLAN
 11. 2" PVC PIPE TO EXTEND 2' ABOVE BACK - 1/2" x 1/2" TO CONCRETE GRAVEL (3.5 FEET) - 1/2" x 1/2" TO CONCRETE
 12. CONCRETE JOINT TYP
 13. ELASTIC SHEET WATERPROOFING TO LINE PLANTING BED TO DEPTH OF TOP OF FOOTING
 14. 6" x 1/2" POLYETHYLENE TO GUTTER BARRIER
 15. AIR SPACE 1/2"
 16. 12 GA WIRE & WIRE HOSE
 17. 2 x 4 STAKES TO HEIGHT OF LOWEST BRANCH
 18. TRUNKS OF TREES SHALL BE WRAPPED W/ 3/4" NDS UNLANTATED WEATHERPROOF ASPHALT & BROWN KRAFT PAPER FROM ROOT CROWN TO THE FIRST BRANCH. SECURE W/ PLASTIC EXFANT-BON TAPE
 19. EXISTING CURB & GUTTER
 20. SIDEWALK
 21. 4" BARK MULCH
 22. PLANTER SOIL MIXTURE TO TOP OF FOOTING
 23. EXISTING OF PARKING GARAGE
 24. GRAVEL REINFORCING BED SEE DETAIL 3 THIS SHEET
 25. ALTERNATE #2: 2" x 4" STAKES CURB AND GUTTER
 26. 1/2" GA WIRE AROUND 2" x 4" TOP AND BOTTOM ATTACHED W/ 3/4" STAPLES
 27. 2" x 4" TOP 1/2" MAX GAPS
 28. EDGE OF EXISTING SIDEWALK TO BE REMOVED
 29. NEW CURB & GUTTER CONSTRUCT PER CITY OF ALBUQUERQUE STANDARDS
 30. NEW CHAIN LINK FENCE 5' HIGH W/ VINYL COVERING - SIMILAR TO FENCING USED AS PERIMETER SECURITY FENCE ON BUILDING
 31. 4" CONCRETE GRAD SLOPED TO DRAIN
 32. HANDICAP RAMP CONSTRUCT PER CITY OF ALBUQUERQUE STANDARDS
 33. DELETE EXPOSED AGGREGATE PAVING PATTERN - SUBSTITUTE RUNNING BOND BRICK PATTERN AS SHOWN
 34. VALLEY GUTTER CONSTRUCT PER CITY OF ALBUQUERQUE STANDARDS
 35. STREET LIGHT FOUNDATIONS - CONSTRUCT PER DETAILS 5 & 6 THIS SHEET. LOCATIONS AS SHOWN ARE APPROXIMATE & SHALL BE FIELD VERIFIED
 36. REMOVE & RELOCATE INLET CONSTRUCT RELOCATED INLET PER CITY OF ALBUQUERQUE STANDARDS. LOCATIONS AS SHOWN ARE APPROXIMATE & SHALL BE FIELD VERIFIED
 37. OUTDOOR LANDSCAPE AREA LIGHTS. LOCATE THREE (3) LIGHTS AS SHOWN. SEE ATTACHED DETAIL FOR ELECTRICAL REQUIREMENTS.



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AS BUILT 8/23/83
REVISED 9/29/83
DATED 12/86

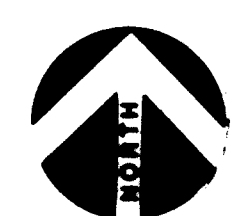
COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

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flattow more bryan & associates
architects engineers planners
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STATE OF NEW MEXICO
JASON E. MOORE
REGISTERED ARCHITECT
No. 107

10/9/81
by SD checked JM
12-23-A
LANDSCAPE PLAN
C3



1/2" x 1" x 1"

GENERAL NOTES:
UNLESS NOTED OTHERWISE ON PLANS OR DETAILS
THE FOLLOWING NOTES SHALL APPLY:

- A. 55.71 INDICATES TOP OF SLAB ELEVATION.
SEE DWG. C2 FOR BENCHMARK.
- B. REIN. THICK CONC. WALLS W/4 @ 12" O/C
VERT. & HORIZONTAL REIN. 12" THICK CONC.
WALLS SHALL BE CONCENTRIC W/GRID LINES.
- C. 'CW - 1' DENOTES CONC. WALL NO. 1. SEE
ELEVATIONS ON SHEET 5-9.
- D. SLABS ON GRADE SHALL BE 5" THICK,
WITH COMBED SURFACING. REIN. W/12 X 12
MS W/ HELD WIRE FABRIC
- F. TC 56.21 DENOTES TOP OF CURB ELEVATION
IF TC ELEVATION IS NOT NOTED. TC SHALL BE
6" ABOVE TOP OF SLAB.
- G. TOPS OF ALL PILECAPS/FTGS. SHALL BE AT
EL. 51.0.

H. ~~CNITTED~~
I. CC-1 DENOTES CAST-IN-PLACE COLUMN NO. 1.
J. SEE S-11.
K. "JT" DENOTES JOINT CAP NO. 1. -SEE S-19
AND S-20.
L. WALL FTGS. SHALL BE 8" THICK, & SHALL
PROJECT 4" BEYOND E.A. FACE & END OF WALL.
M. COLUMN PILE CAPS SHALL BE CONCENTRIC
WITH COLUMNS.
N. "JT" DENOTES JOINT NO-1, SEE S-22.
O. SEE ARCH. DWGS. FOR LOCATIONS AND
DIMENSIONS OF CURBS.
P. TYPICAL DETAILS. SEE S-22.
Q. MAS. WALLS SHALL BE 8" THICK. REINF. W#5
VERT. @ 2' - 8" O/C.

Q. HORIZONTAL, MASONRY WALL BAR REINF. SHALL BE PLACED IN 8" DEEP MIN. BOND BEAMS GROUTED TO FULL EXTENT OF HOR. WALL REINF. SEE SPECS FOR JOINT REINF.

R. "S-6" DENOTES SLAB NO. 6. SEE SCHED. S-18.

S. CABLE & ST. PIPE WAILING, GUARDRAIL ASSEMBLY DETS. SEE 3/5-13. & ARCH.

T. SEE GENERAL NOTES ON S-20.

U. 1/2" x 1/2" x 4" JAMB REINFORCING ENGIN. ME. 1/2" x 1/2" x 4" JAMB REINFORCING

REPORT FROM THE
COMMISSIONER OF THE
REVENUE

1. C.I.P. CONC. WALL (TYP.)
2. C.I.P. CONC. COL. (TYP.)
3. C.I.P. CONC. CURB (TYP.)
4. SLURR GROUT
5. CONTINUOUS FOOTING
6. C.I.P. CONC. RAIL
7. C.I.P. CONC. WALL TO BE BRACED DURING BACKFILLING - SHALL REMAIN BRACED UNTIL 27 DAYS AFTER 1ST LEVEL SLABS ARE PLACED.
8. ELEVATOR
9. ST. STAIRS. SEE ARCH. DMSG.
10. C.I.P. CONC. SLAB
11. 1/2" EXP. JT. IN SLAB
12. FLOOR DRAINS - SLOPE FLOOR SLABS TO DRAINS, SEE SECT. A FOR LIMITS
13. 8" MASONRY HOLLOW UNIT WALL. SEE ARCH. DMSG FOR DIMS.
14. DRIMS
15. 4" DIA. & 1/2" WALL THICK. FOR VERT. REINF. SEE 21/5-1/6. FOR VERT. SMS. IN PIPE CAPS. SEE 28/1-1/6
16. CON. PLANTER WALLS. SEE ARCH DMSG FOR DIMS. & HOLE REQ'D BY ELEVATOR MANUFACTURER.
17. SEE ARCH. ELEVATOR LAYOUT

"These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect."

△ 2.5 BG UPDATES
AS BUILTS 8/23/83

△	7/19/82	MISC CHANGES
△	6/24/82	ISSUED FOR COLUMN POWERS ONLY
△	6/8/82	NCT AFFILIABLE
△	5/22/82	THIS ISSUE FOR FILES ONLY

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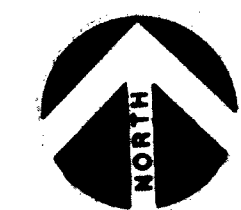
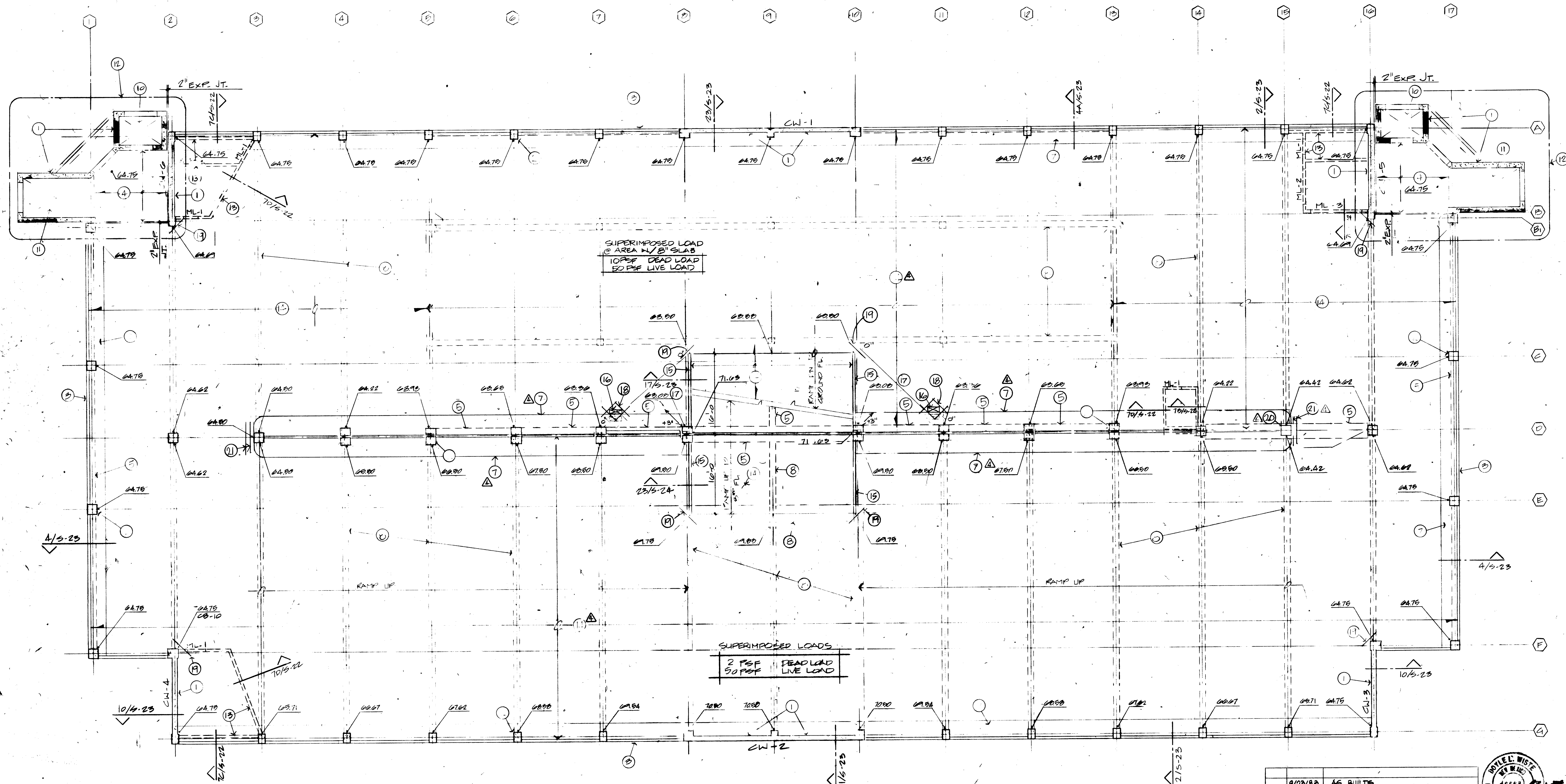
flatow moore bryan & associates
 10000 Wilshire Blvd., Suite 1000
 Beverly Hills, CA 90210
 (310) 276-1100

DATE: FILE:

BY: checked:

MLF DW

FOUNDATION PLAN



2ND LEVEL FRAMING PLAN

1/8"=1'-0"

UNLESS NOTED OTHERWISE ON PLANS OR DETAILS THE FOLLOWING NOTES SHALL APPLY:

- △ A. SEE POST-TENSIONING DWGS FOR ADD. DETAILS
- △ B. OMIT
- △ C. OMIT
- △ D. OMIT
- E. COLUMNS TO BE CONCENTRIC W/ GRID LINES.
- F. CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS.
- G. 6A.75 → INDICATES TOP OF STRUCT. SLAB, EL.
- H. DIAPHRAGM CHORD REINF. SEE 10/6-18
- J. 'CW-1' DENOTES CONC. WALL NO. 1 SEE ELEVATIONS ON SHEET 1/5-22
- K. 'ML-1' DENOTES MASONRY UNIT NO. 1 SEE 1/5-22
- L. CABLE & STEEL PIPE RAILING GUARDRAIL ASSEMBLY SEE ARCH & POST-TENSIONING DWGS
- M. SEE GENERAL NOTES ON S-20.

- NOTES:
1. C.I.P. CONC. WALL
 2. C.I.P. CONC. COL.
 3. P.C. CONC. PANEL
 4. C.I.P. CONC. SLAB
 - △ 5. CONC. R.M. SEE POST-TENSIONING DWGS.
 7. C.I.P. CONC. CURB
 - △ 8. C.I.P. CONC. R.M. SEE POST-TENSIONING DWGS
 9. OMIT
 10. ELEVATOR
 11. STAIR
 12. STAIRS & ELEVATOR PLAN SEE 2/5-16.

13. 8" HOLLOW UNIT MASONRY WALLS BELOW SLAB.
- △ 14. C.I.P. CONC. SLAB SEE POST-TENSIONING DWGS
15. C.I.P. CONC. RAIL
16. TRENCH DRAIN. SEE PLUMBING DRAWINGS.
17. EL. GIVEN IS TOP OF THEORETICAL 5" SLAB. THICKEN SLAB 3" @ DB & DO TO PROVIDE DRAINAGE
18. #4 x 4'-0" DIAGONAL TYR @ EACH CORNER OF OPENING
19. #4 x 4'-0" DIAGONAL
- △ 20. DUMMY COL. SEE POST-TENSIONING DWGS
- △ 21. 2" x 6'-0"

"These SECOND DRAWINGS have been prepared from information supplied by the Contractor and shall not be construed as a certification of actual conditions by the Architect."

26 10460 87

8/23/89	AS BUILT
7/1/82	MISC. REVISIONS
6/24/82	N/A
6/18/82	N/A
5/21/82	N/A
REVISIONS	



COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

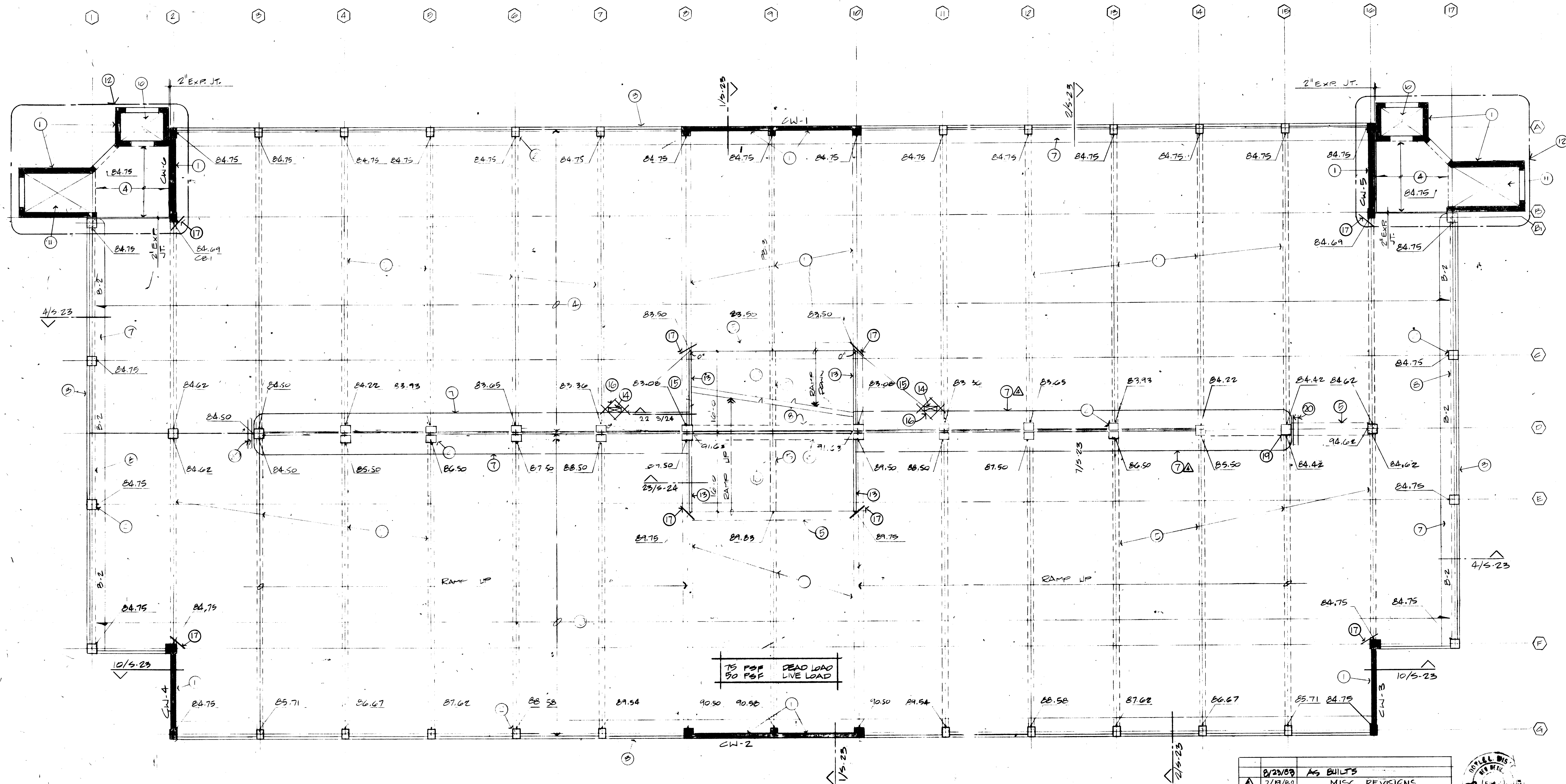


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architects, engineers, interior designers
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DATE	1/22/82	FILE	2ND LEVEL FRAMING
BY	TCP	CHECKED	DW
		DATE	1/21/84

S-2

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4TH LEVEL FRAMING PLAN

UNLESS NOTED OTHERWISE ON PLANS OR DETAILS THE FOLLOWING NOTES SHALL APPLY:

- A. 2" X 12" DENOTES BEAM NO. 1 SEE T-2
- B. 2" X 12" DENOTES BEAM NO. 1 SEE T-2
- C. 2" X 12" DENOTES BEAM NO. 1 SEE T-2
- D. 2" X 12" DENOTES BEAM NO. 1 SEE T-2
- E. 2" X 12" DENOTES BEAM NO. 1 SEE T-2
- F. 2" X 12" DENOTES BEAM NO. 1 SEE T-2
- G. 2" X 12" DENOTES BEAM NO. 1 SEE T-2
- H. DIAPHRAGM CHORD REIN. SEE 10/6-10
- I. CABLE & STL. PIPE RAILING GUARDRAIL ASSEMBLY SEE ARCH. POST-TENSION DWGS
- J. 'CW-1' DENOTES CONC. WALL NO. 1 SEE ELEVATIONS ON SHT. S-17
- K. 'CW-1' DENOTES CONC. WALL NO. 1 SEE ELEVATIONS ON SHT. S-17
- L. PRECAST FASCIA PANELS & RAIRS REIN. & DETAILS SEE SHT. S-17
- M. SEE GENERAL NOTES ON S-20
- N. SLAB REIN. AT OPENINGS SEE 15/5-22

NOTES: 1. C.I.P. CONC. WALL

- 2. C.I.P. CONC. RAIL
- 3. P.C. CONC. PANEL
- 4. C.I.P. CONC. SLAB
- 5. C.I.P. CONC. CHORD
- 6. C.I.P. CONC. CHORD
- 7. C.I.P. CONC. CHORD
- 8. C.I.P. CONC. CHORD
- 9. C.I.P. CONC. CHORD
- 10. C.I.P. CONC. CHORD
- 11. C.I.P. CONC. CHORD
- 12. STAIR & ELEVATOR PLAN SEE 10/5-10

13. C.I.P. CONC. RAIL

- 14. DRAIN SEE PLUMBING DRAWINGS
- 15. ELEVATION GIVEN IS TOP OF THEORETICAL 'G' SLAB. THICKEN SLAB 6" @ DB & DIO TO PROVIDE DRAINAGE
- 16. #4 X 4'-0" DIAGONAL TYPE EACH CORNER OF OPENING
- 17. #4 X 4'-0" DIAGONAL
- 18. C.I.P. CONC. SLAB SEE POST TENSION DWGS
- 19. 'DUMMY' COLS. SEE POST TENSION DWGS
- 20. 2-#5 X 6'-0"

DATE	BY	REVISIONS
7/19/82	AS BUILT	
7/19/82	MISC.	
7/19/82	REVISIONS	
7/19/82	REVISIONS	
7/19/82	REVISIONS	
7/19/82	REVISIONS	



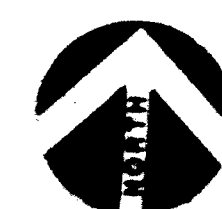
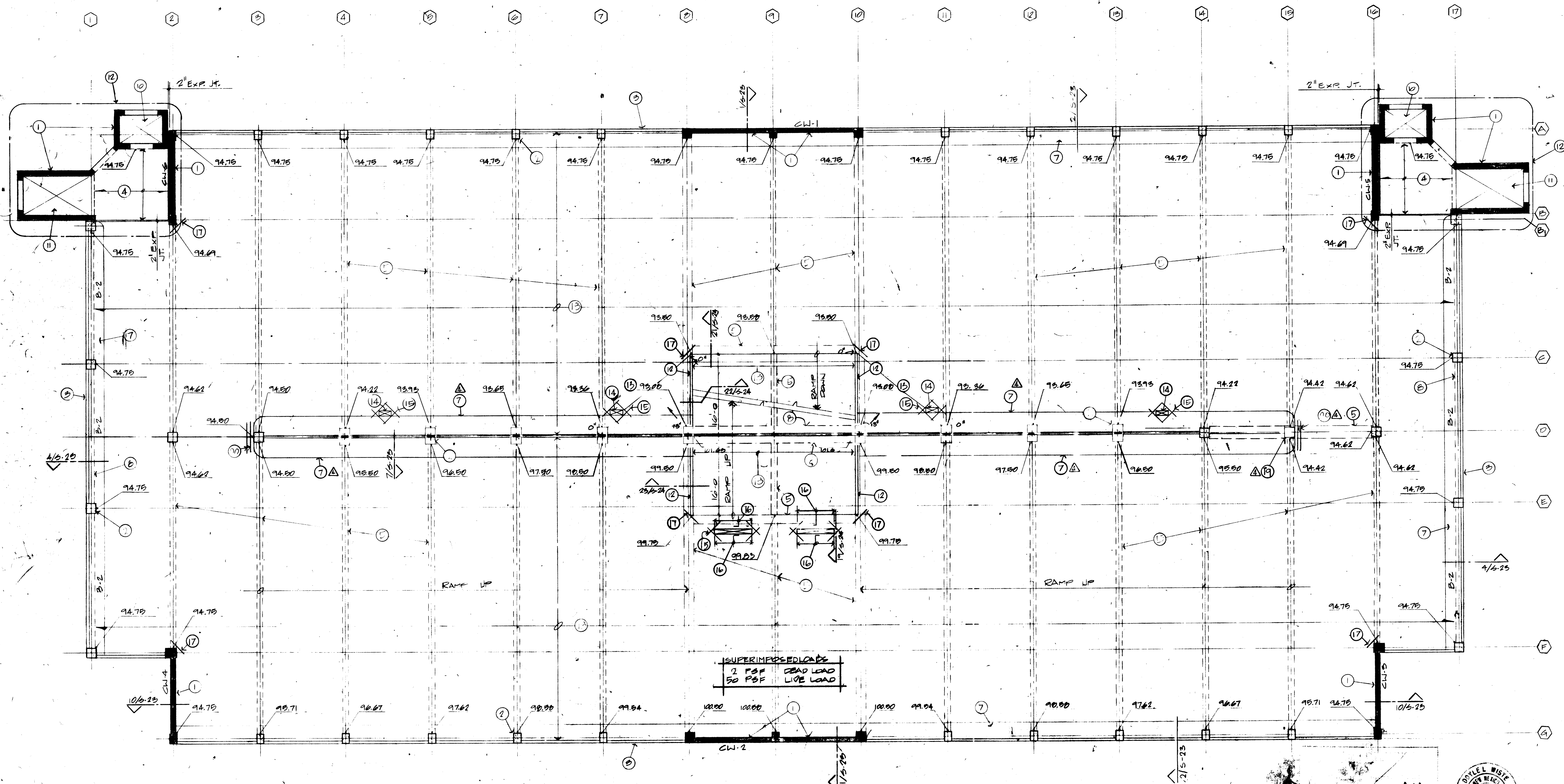
COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

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flatow moore bryan & associates
an llc - engineers, planners, architects
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4TH LEVEL FRAMING
S-4

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5TH LEVEL FRAMING PLAN (ALTERNATE)

UNLESS NOTED OTHERWISE ON PLANS OR DETAILS THE FOLLOWING NOTES SHALL APPLY:

- A. SEE POST TENSION LIT FOR ALL DETAILS
- B. 2'-1" DENOTES BEAM NO. 1 SEE T-2
- C. UNIT
- D. UNIT
- E. COLUMNS TO BE CONCRETE WITH GIRD LINES
- F. CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS
- G. 20.00 - INDICATES TOP OF STRUCT. SLAB EL.

- H. DIAPHRAGM CHORD REIN. SEE 10/5-10
- I. CABLE & STL. PIPE RAILING GUARDRAIL ASSEMBLY SEE ARCH & POST TENSION DWGS
- J. "CW" DENOTES CONC. WALL. SEE ELEVATIONS ON 5-9
- K. PRECAST FASCIA PANEL & RAILS, SEE SHT. 5-17
- L. SEE GENERAL NOTES ON 5-20
- M. SEE GENERAL NOTES ON 5-20
- N. SLAB REIN. & OPENINGS SEE 15/5-22

- NOTES:
1. C.I.P. CONC. WALL
 2. P.C. CONC. PANEL
 3. P.C. CONC. SLAB
 4. C.I.P. CONC. SLAB
 5. C.I.P. CONC. FM SEE POST TENSION DWGS
 6. C.I.P. CONC. CUBES
 7. C.I.P. CONC. CUBES
 8. C.I.P. CONC. BEAM SEE POST TENSION DWGS
 9. UNIT
 10. ELEVATION
 11. 5" - 5" x 8"
 12. C.I.P. CONC. WALL

13. ELEVATION GIVEN IS TOP OF THEORETICAL 5" SLAB. THICKEN SLAB 5" @ D.O. TO PROVIDE
14. DRAIN. SEE PLUMBING DRAWINGS
15. #4 x 4'-0" DIAGONAL TYP. @ EACH CORNER OF OP
16. #5 @ 20" @ 2'-0" TOP
17. #4 x 4'-0" DIAGONAL
18. C.I.P. CONC. SLAB SEE POST TENSION DWGS
19. DUMMY COL. SEE POST TENSION DWGS
20. 2'-5" x 6'-0"

8/23/83	AS BUILT
7/19/80	MISC. REVISIONS
6/24/82	N/A
6/15/82	N/A
5/21/82	N/A
REVISIONS	



COPPER AVENUE PARKING STRUCTURE

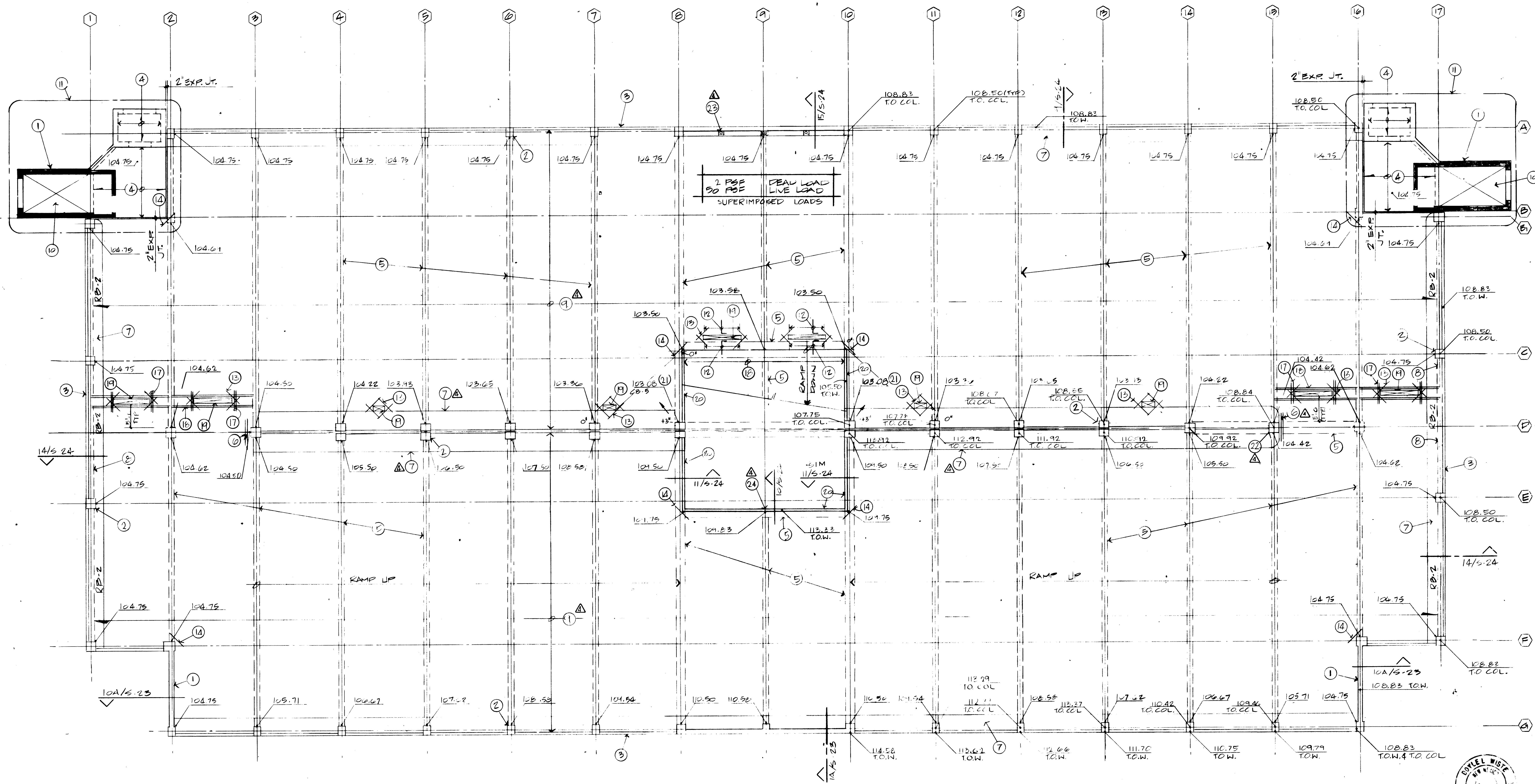
400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

rab
Robert A. Brown & Associates
Structural Engineers
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7/22/83
TCP

5TH LEVEL ALTERNATE
S-7

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6TH LEVEL FRAMING PLAN (ALTERNATE)

UNLESS NOTED OTHERWISE ON PLANS OR
DETAILS THE FOLLOWING NOTES SHALL APPLY:

- ▲A. SEE FIRST TENSION DRWG FOR AFD DETAILS
- ▲B. SEE GENERAL NOTES ON S-7
- ▲C. RB DENOTES ROOF BEAM SEE FIRST TENSION DRAWINGS
- ▲D. T.O.W. DENOTES TOP OF WALL
- ▲E. T.O. COL DENOTES TOP OF COL.
- ▲F. T.O.W. & T.O. COL. FOR WEST HALF OF BUILDING ARE OPPOSITE HAND

	8/23/83	AS BUILT
⚠	7/19/82	MISC. REVISIONS
⚠	6/24/82	N/A
⚠	6/8/87	N/A
⚠	5/21/82	N/A
		REVISIONS

NOTES:

- | | | |
|---|--|-----|
| 1. C.I.P. CONC. WALL | 11. STAIRS & ELEVATOR
PLAN SEE G/G-10. | 19. |
| 2. C.I.P. CONC. COL. | 12. #5 @ 20" $\frac{2}{16}$ TOP | 20 |
| 3. RC CONC. PANEL | 13. #4 @ 4' x 4' TOP
DIAG. TYP. | 21. |
| 4. C.I.P. CONC. SLAB | 14. #4 @ 4' DIAGONAL | 22 |
| 5. C.I.F. FT. CONC. BM
SEE FOOTSTENSION DWGS | 15. #4 @ 16" $\frac{2}{16}$ TOP
TYP. @ OPENINGS | 23 |
| 6. 2" x 12" x 6" C-C | 16. OMITTED | 24. |
| 7. C.I.P. CONC. CURB | 17. #2 @ 5' LONG BOT.
@ 3" TYP. EA. OTHER. | 25 |
| 8. C.I.P. CONC. BEAM SEE
FOOTSTENSION DWGS | 18. #2 @ BOT. FULL LENGTH EA.
SIDE OF OPEN 3" TYP. EA. OTHER. | 26 |
| 9. C.I.P. CONC. SLAB SEE
FOOTSTENSION DWGS | | 27 |
| 10. STL STAIRS - ROOF
PLAN ABOVE SEE 1/6-10 | | 28 |

- A. TRENCH DRAINS SEE PLUMBING DRAWINGS
- 20 C.I.P. CONCRETE RAIL
21. ELEVATION GIVEN IS TOP OF THEORETICAL
GRADE THICKEN SIDE SLOPES TO
PROVIDE DRAINAGE.
- △ 22 DUMMY COL SEE NEXT TENSION
LENGS.
- △ 23 HAND RAIL POST SEE ARCH DWGS
- △ 24. PROVIDE CONT. 1/2" PRESTO JD.

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11/24/94 Do:MM

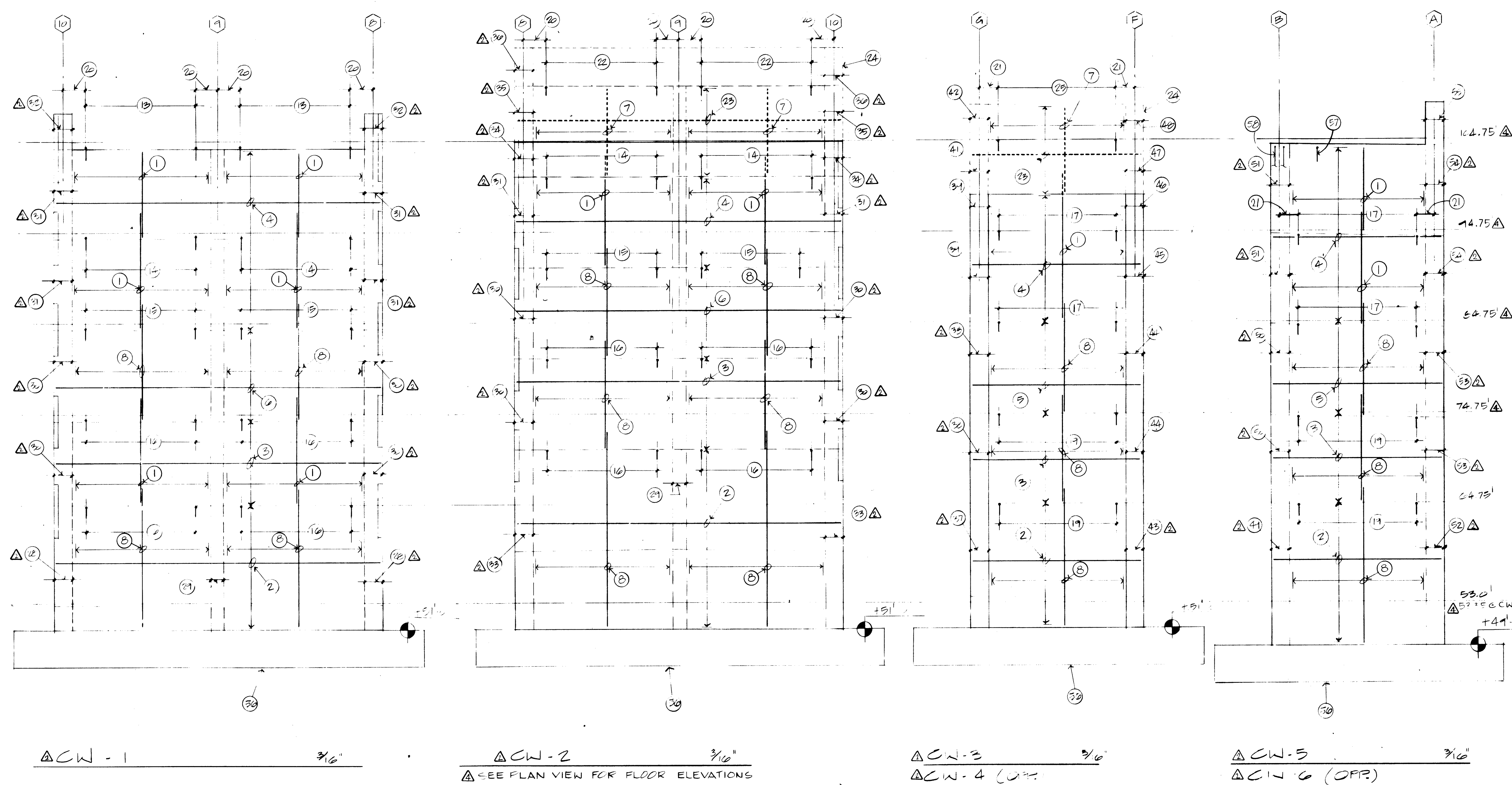


**COPPER AVENUE PARKING
STRUCTURE**

400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO

6th LEVEL ALTERNATE

TCP DW

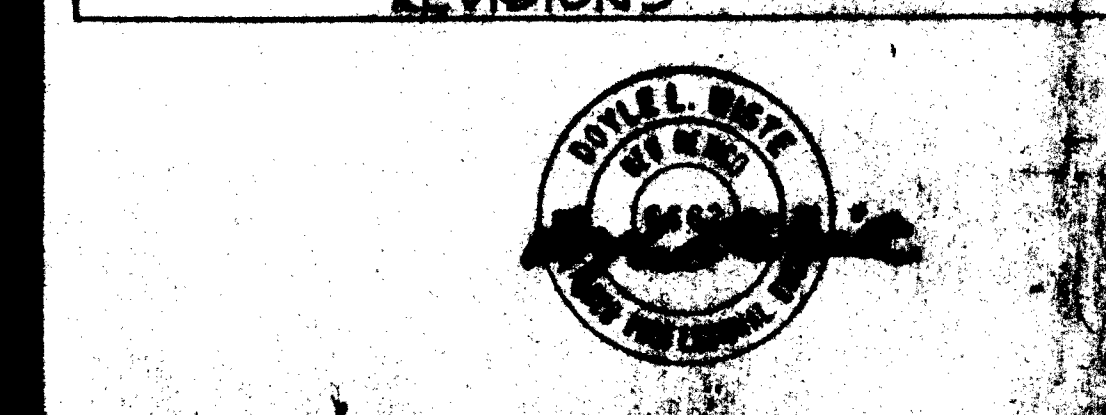


- GENERAL NOTES:**
- NOTE A: FOR TYPICAL SHEAR DOWELS SEE DETAIL 2 THIS SHEET. SPACE SHEAR DOWELS EQUALLY BETWEEN LIMITS SHOWN.
 - NOTE B: SEE ARCH. DMS. FOR TREATMENT OF CONSTRUCTION JOINTS.
 - NOTE C: ALL SPLICES FOR REINF. @ SHEAR WALLS SHALL BE CLASS "C" SPLICE.
- NOTES:**
- #4 AT 12" O/C VERTICAL EACH FACE.
 - #5 AT 10" O/C HORIZONTAL EACH FACE. H2E
 - #5 AT 12" O/C HORIZONTAL EACH FACE. H2E
 - #4 AT 12" O/C HORIZONTAL EACH FACE. H2E
 - #5 AT 15" O/C HORIZONTAL EACH FACE. H2E
 - #5 AT 16" O/C HORIZONTAL EACH FACE. H2E
 - #4 AT 12" O/C VERTICAL EACH FACE AT ALTERNATE.
 - #5 AT 12" O/C VERTICAL EACH FACE
 - #5 GRADE 60 BARS.
 - OMITTED
 - OMITTED
 - TOP OF FLOOR SLAB.
 - 20 SHEAR DOWELS
 - 16 SHEAR DOWELS
 - 14 SHEAR DOWELS
 - 10 SHEAR DOWELS
 - 20 SHEAR DOWELS
 - DELETED
 - 16 SHEAR DOWELS
 - 2'-4" TYPICAL.
 - 2'-0" TYPICAL.
 - 20 SHEAR DOWELS
 - #4 AT 12" O/C HORIZONTAL EACH FACE AT ALTERNATE.
 - SHEAR WALL AT ALTERNATE.
 - 24 SHEAR DOWELS
 - OMITTED
 - BLOCKOUT FOR SLAB CONTINUOUS.
 - THIRTEEN#11 VERT. SEE 27/S-10, 28/S-10
 - COL. & REINF. SEE 8/S-10.
 - EIGHT#10 VERT. SEE 3/S-10 & 4/S-10.
 - EIGHT#9 VERT. SEE 5/S-10 & 6/S-10.
 - SIXTEEN#11 VERT. SEE 7/S-10.
 - EIGHT#9 VERT. SEE 1/S-10, 2/S-10.
 - EIGHT#9 VERT. SEE 5/S-10.
 - EIGHT#9 VERT. SEE 5/S-10 & 6/S-10 AT ALTERNATE.
 - EIGHT#9 VERT. SEE 5/S-10 AT ALTERNATE.
 - 14 # 11 VERT. SEE 16A/S-10, 17A/S-10.
 - TEN # 11 VERT. SEE 14A/S-10 & 15A/S-10.
 - FOUR #11 VERT. SEE 11A/S-10 & 12A/S-10.
 - DELETED.
 - FOUR #11 VERT. SEE 11A/S-10 & 12A/S-10 AT ALTERNATE.
 - FOUR #11 VERT. SEE 12A/S-10 AT ALTERNATE.
 - 14 # 11 VERT. SEE 22/S-10, 23/S-10.
 - EIGHT #11 VERT. SEE 20/S-10 & 21/S-10.
 - FOUR #11 VERT. SEE 18/S-10 & 19/S-10.
 - FOUR #11 VERT. SEE 19/S-10.
 - FOUR #11 VERT. SEE 18/S-10 & 19/S-10 AT ALTERNATE.
 - FOUR #11 VERT. SEE 19/S-10 AT ALTERNATE.
 - SIXTEEN#11 VERT. SEE 10/S-10.
 - EIGHT #11 VERT. SEE 2/S-10.
 - FOUR #11 VERT. SEE 9/S-10.
 - 14 # 11 VERT. SEE 16/S-10, 17/S-10 &
 - TEN # 11 VERT. SEE 14/S-10 & 15/S-10.
 - 4 # 11 VERT. SEE 11/S-10 & 12/S-10.
 - FOUR #11 VERT. SEE 13/S-10.
 - PILE CAP DETAILS AND COLUMN VERTICAL REINFORCING IN CAP. SEE SHEET S-19.
 - #6 DOWELS. SEE 5/S-24.
 - HOOK COL. REINF. 3'-0" INTO SLAB.
 - SHEAR DOWELS
 - SHEAR WALL
 - CONST. JOINT

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- NOTES:**
- PLACE 1/2 OF TOTAL NO. BARS IN EACH DIRECTION
 - SHEAR WALL AND SLAB REINF. NOT SHOWN FOR CLARITY

DATE	BY	REVISIONS
8/25/04	JLB	1. AS BUILT
JULY 2004	JLB	2. REVISIONS
JUNE 2004	JLB	3. N/A
JUNE 2004	JLB	4. N/A
MAY 22 2004	JLB	5. N/A

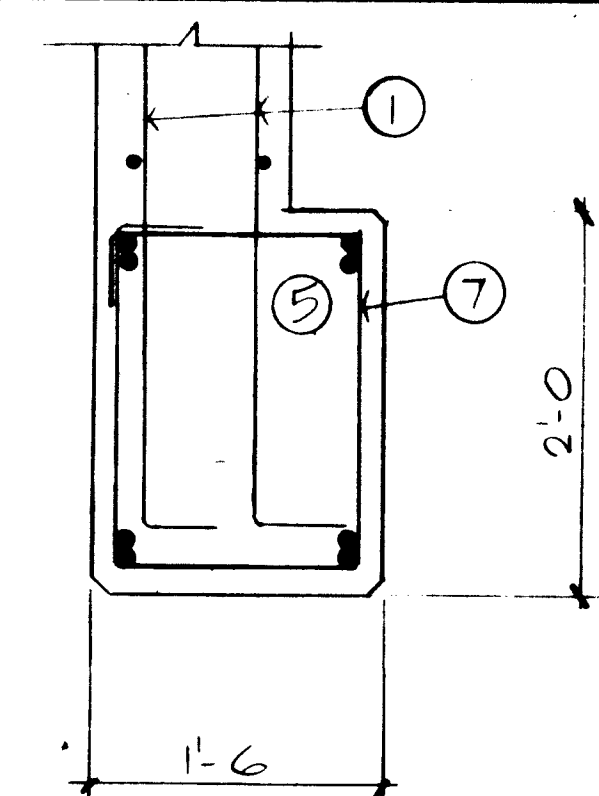
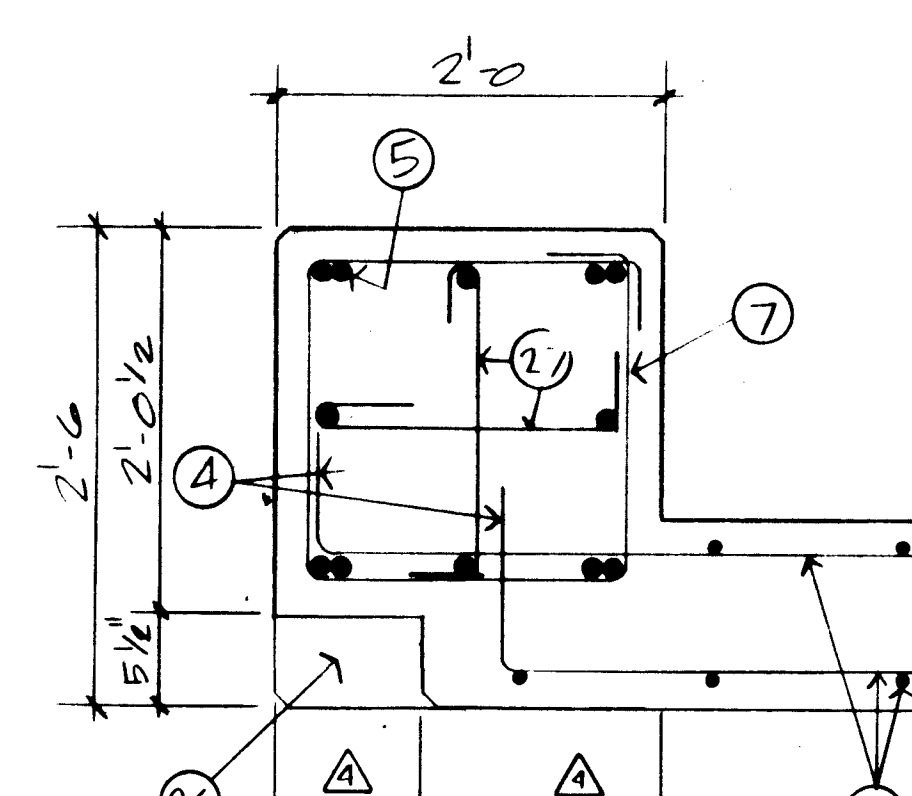
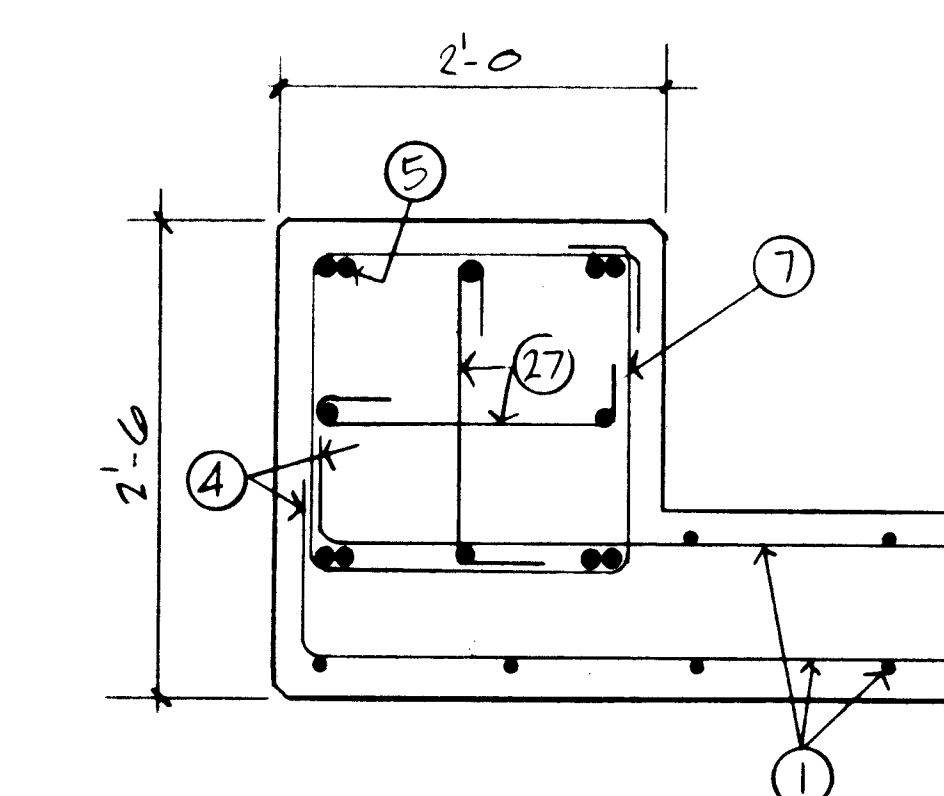
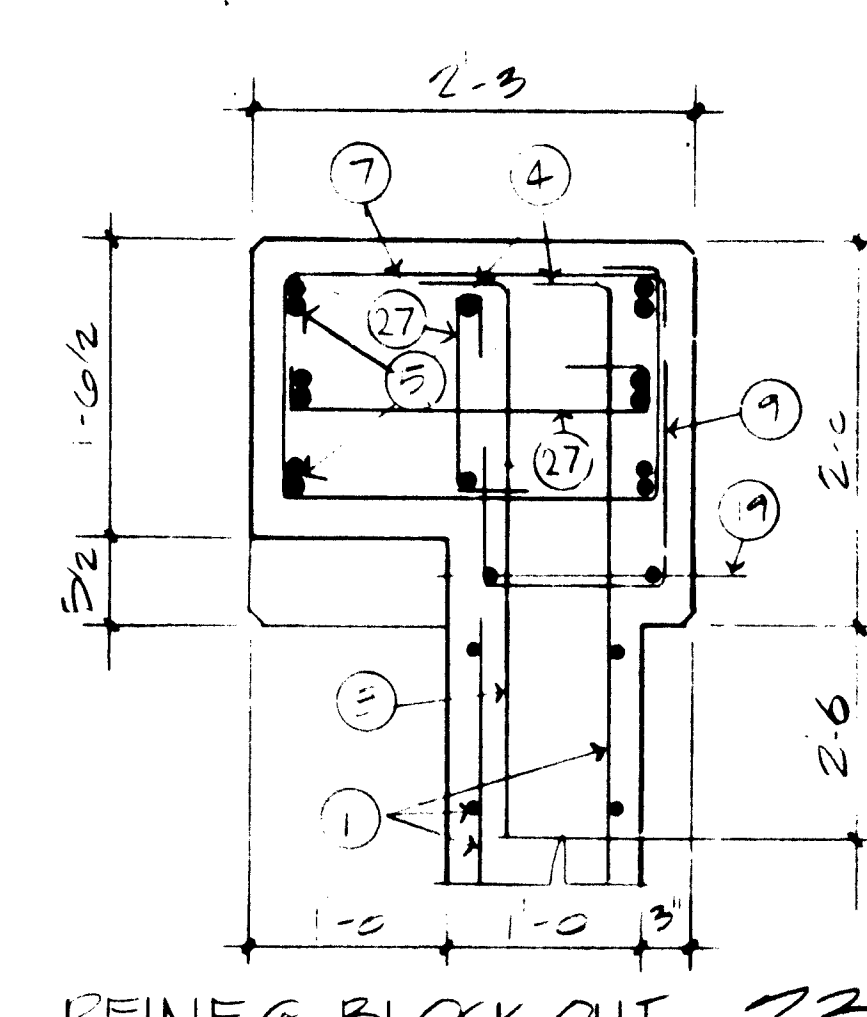
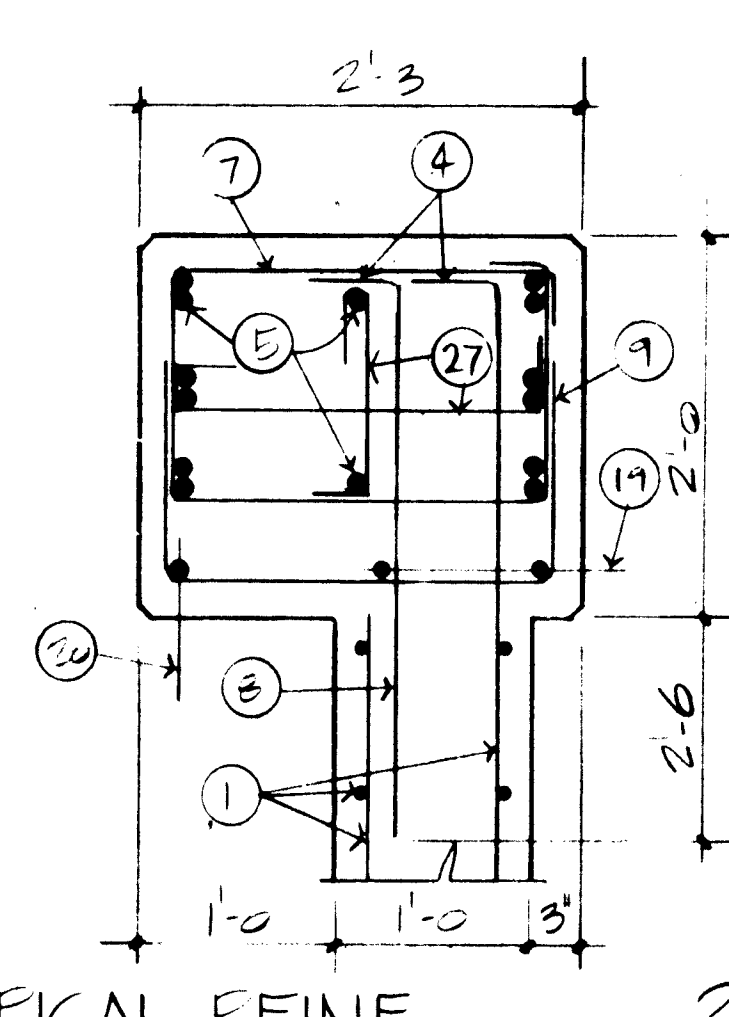
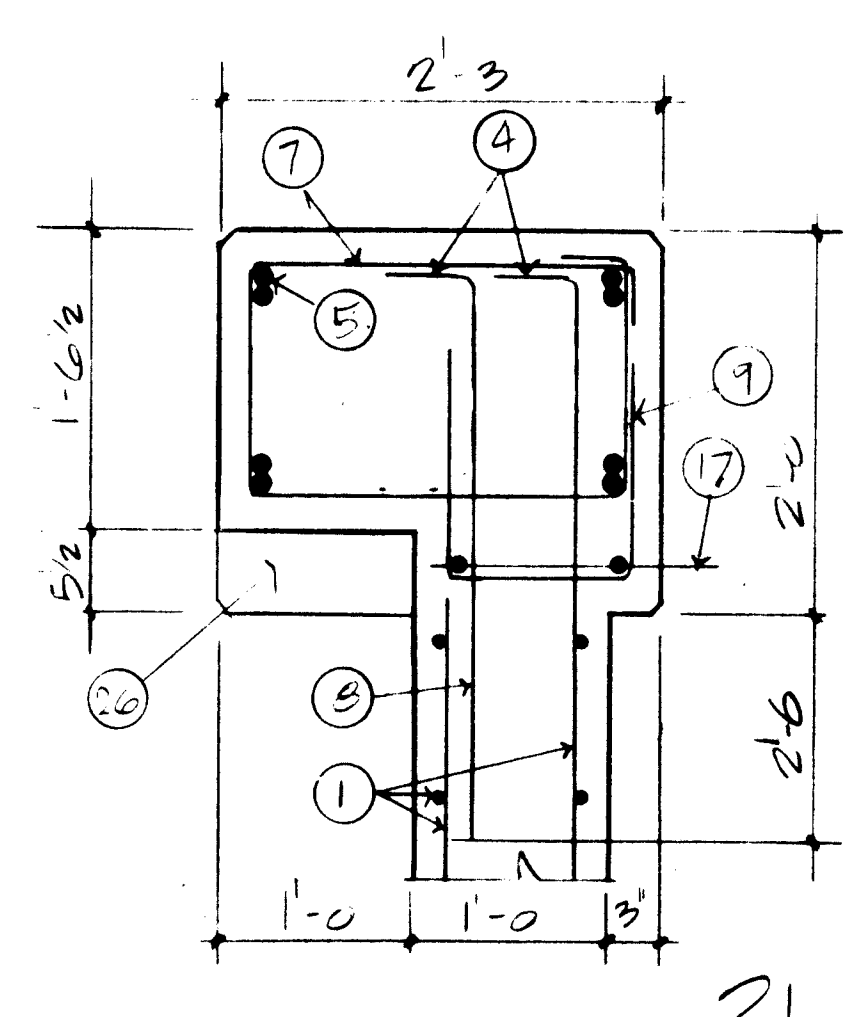
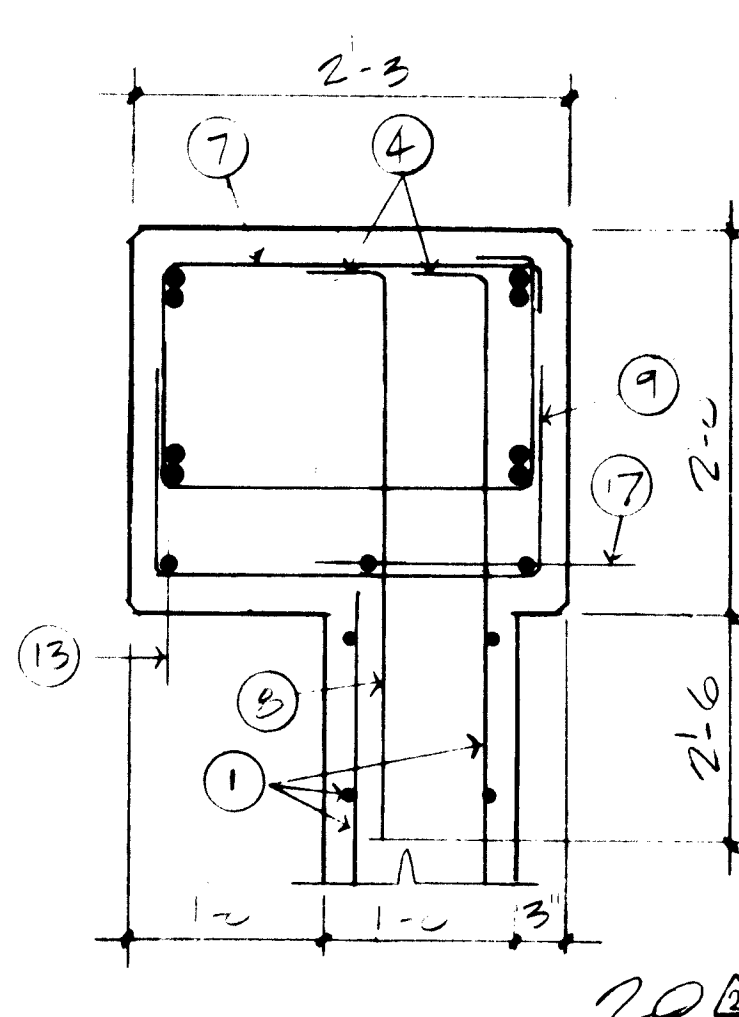
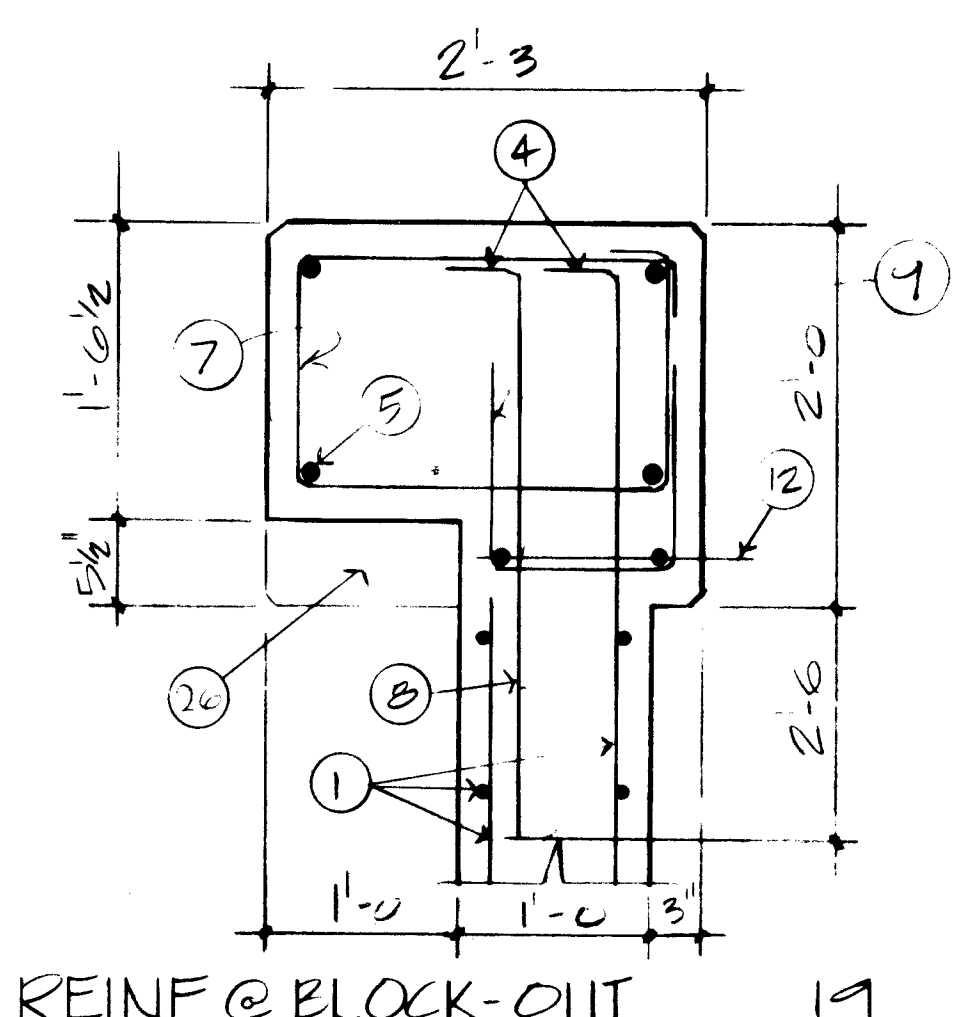
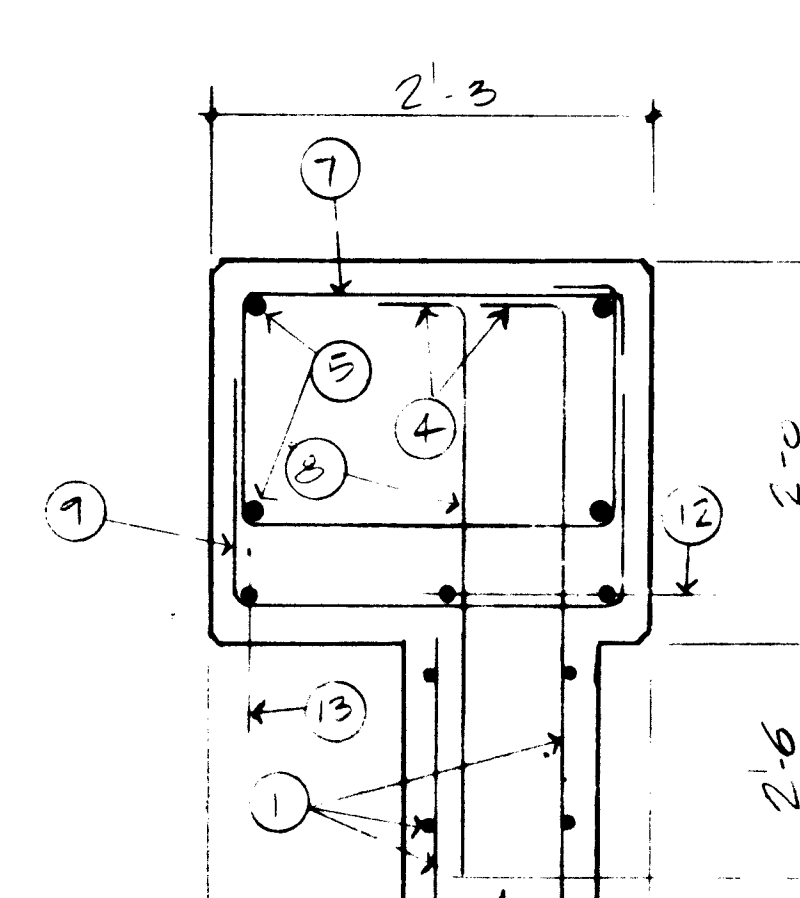
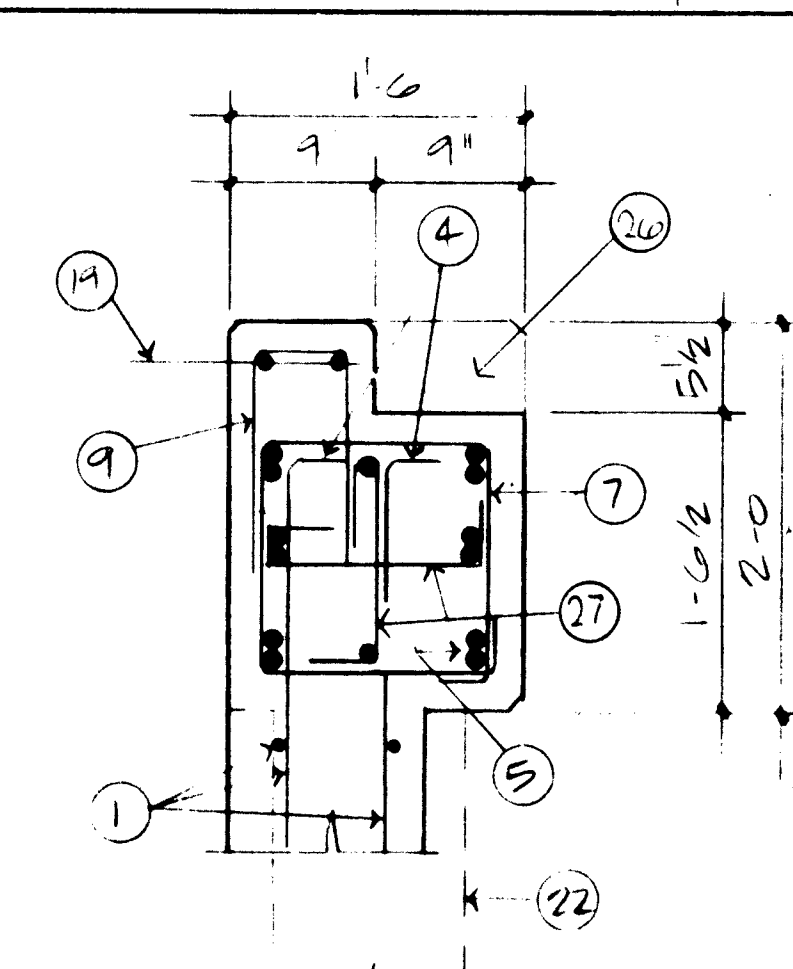
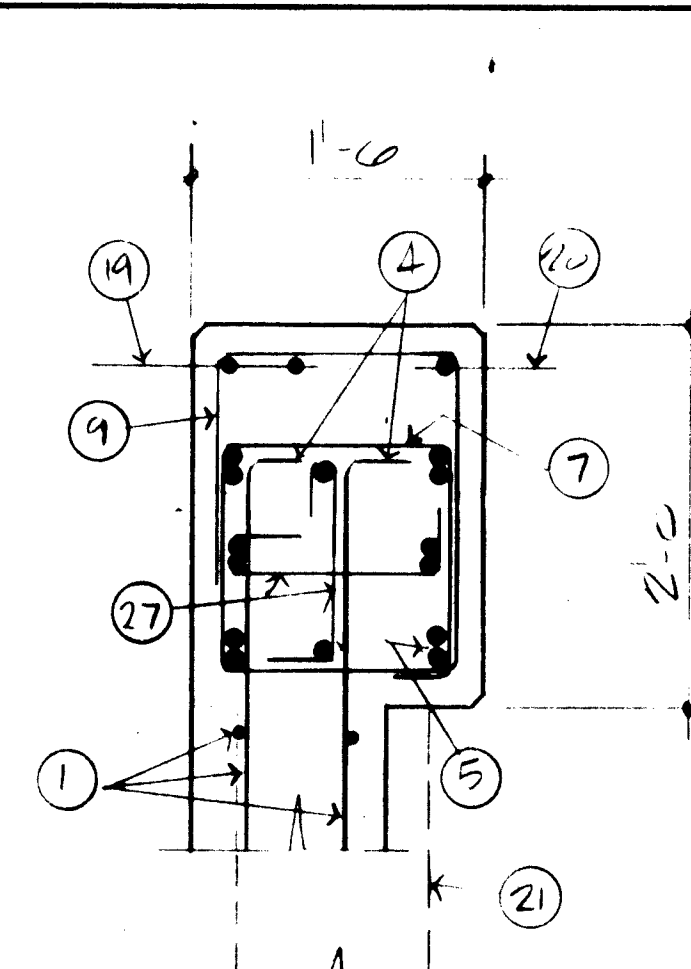
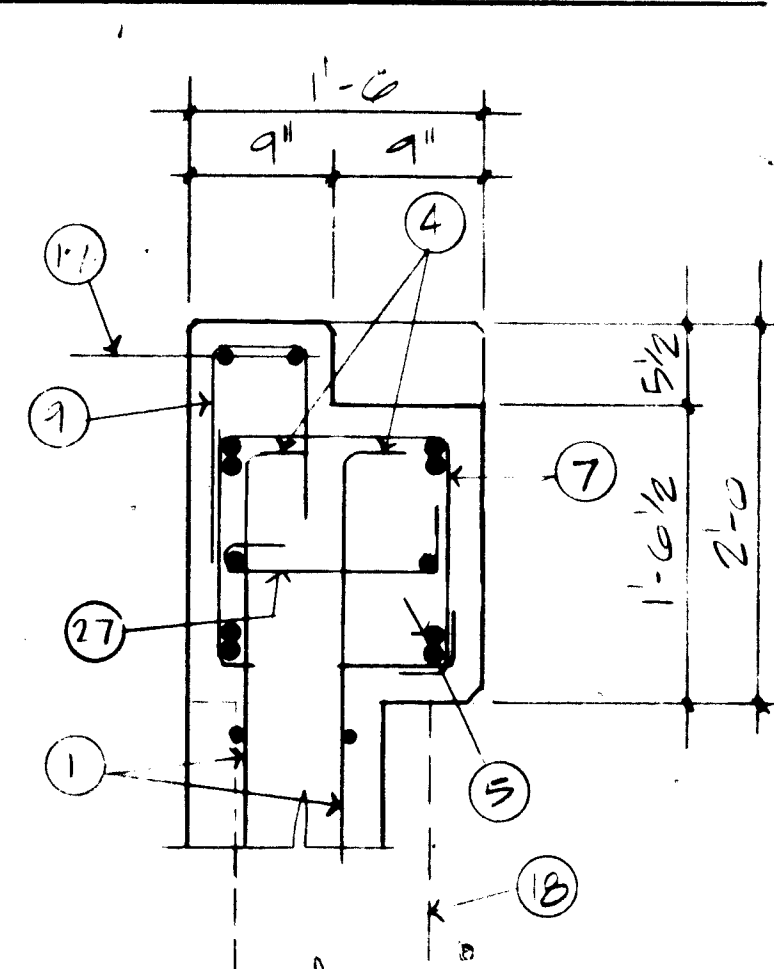
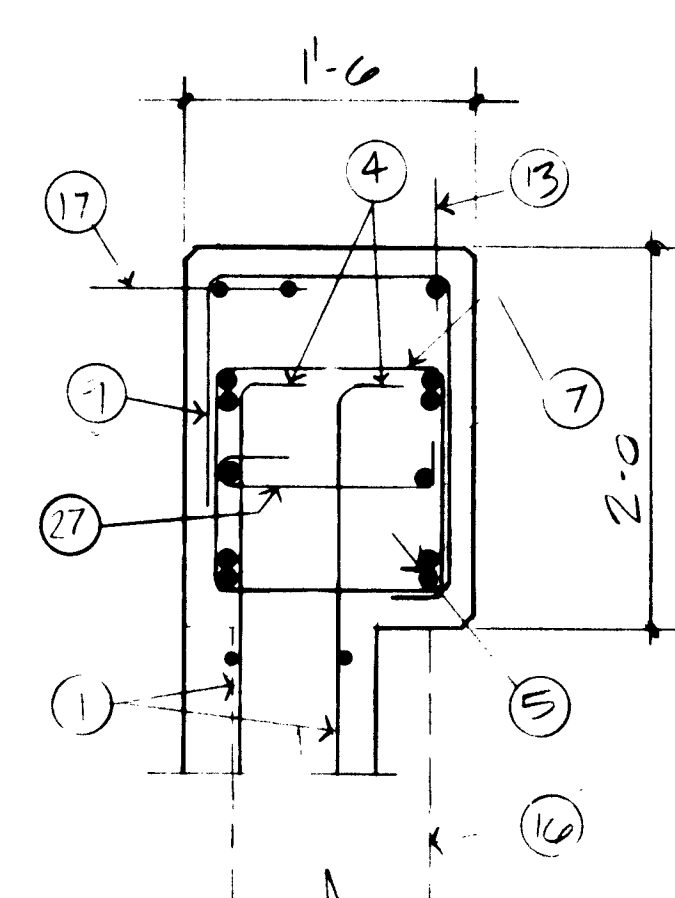
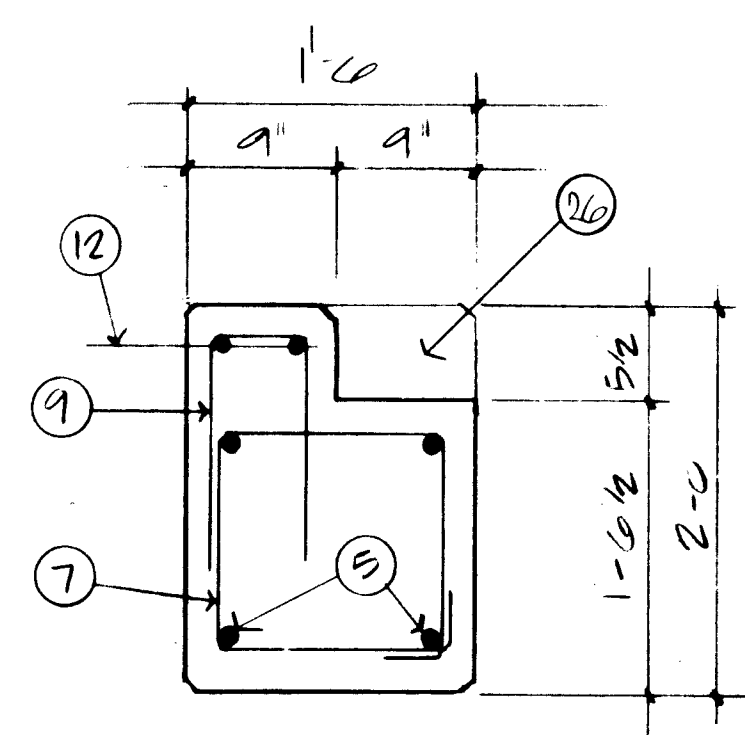
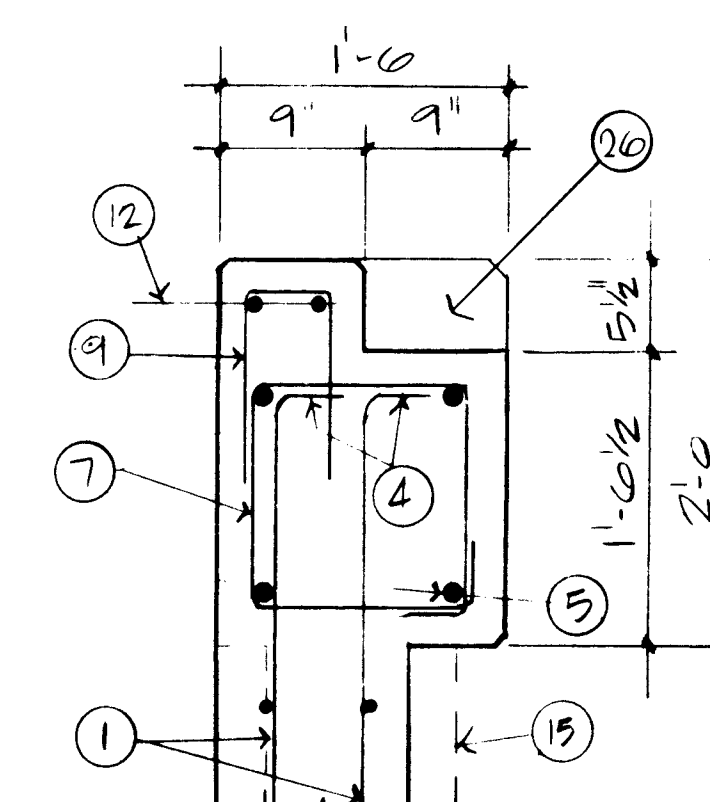
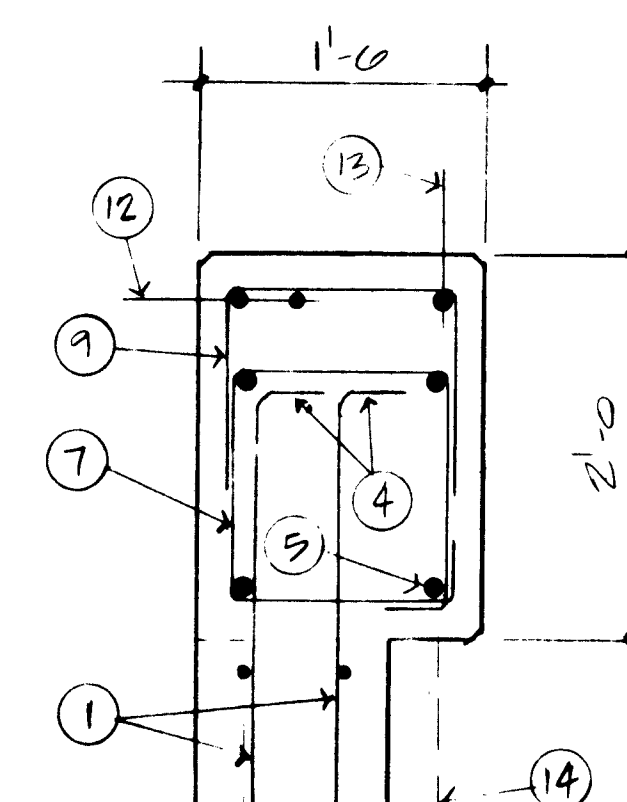
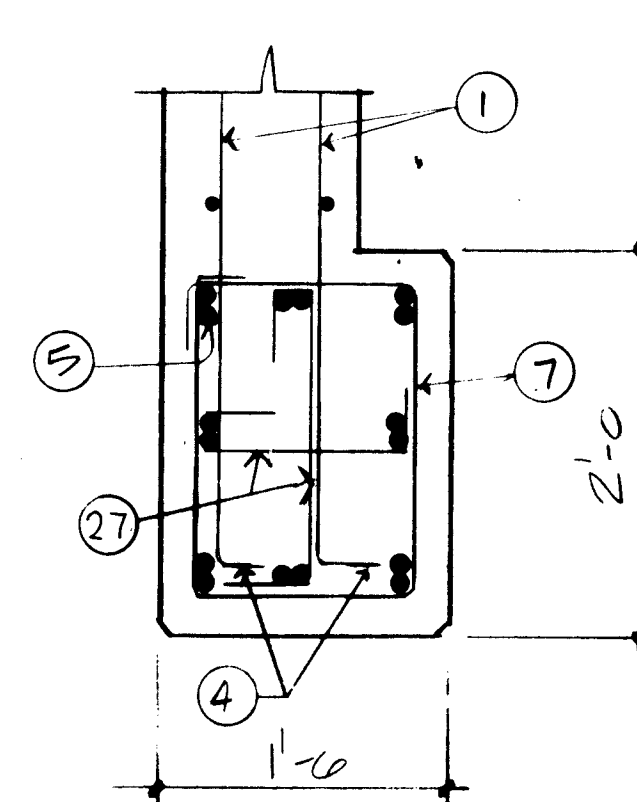
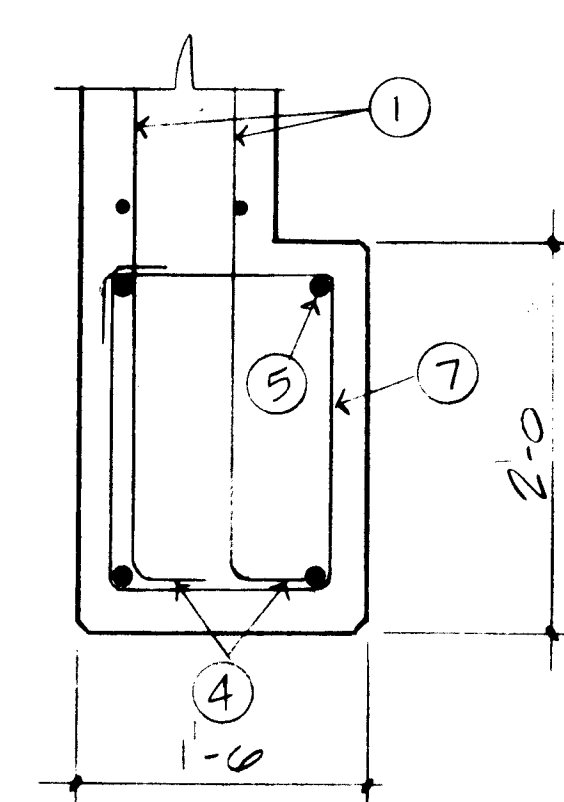
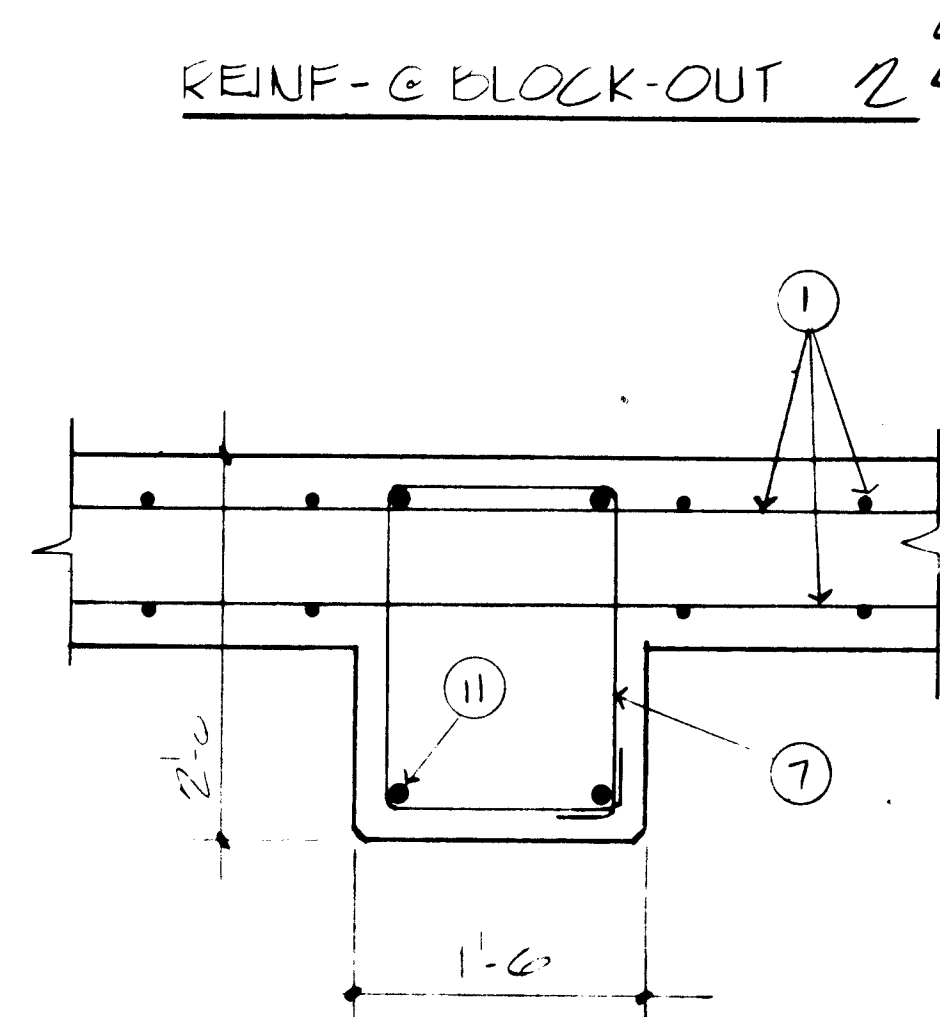
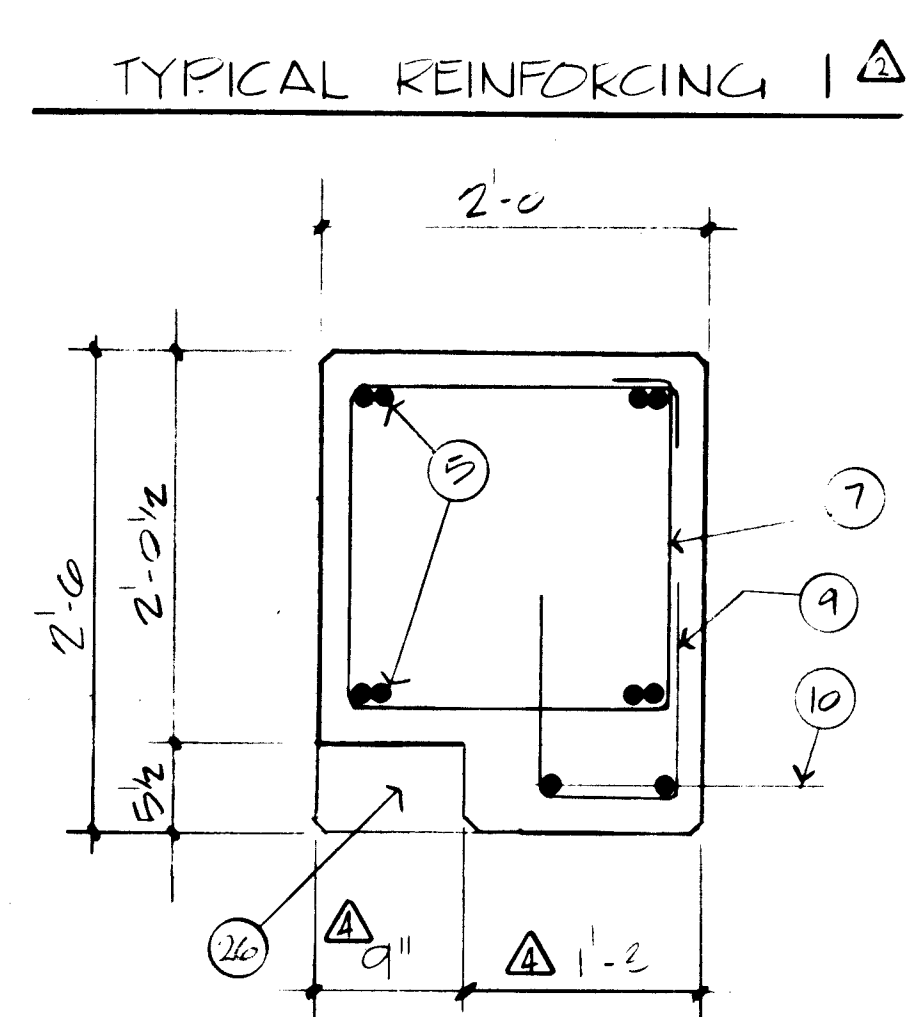
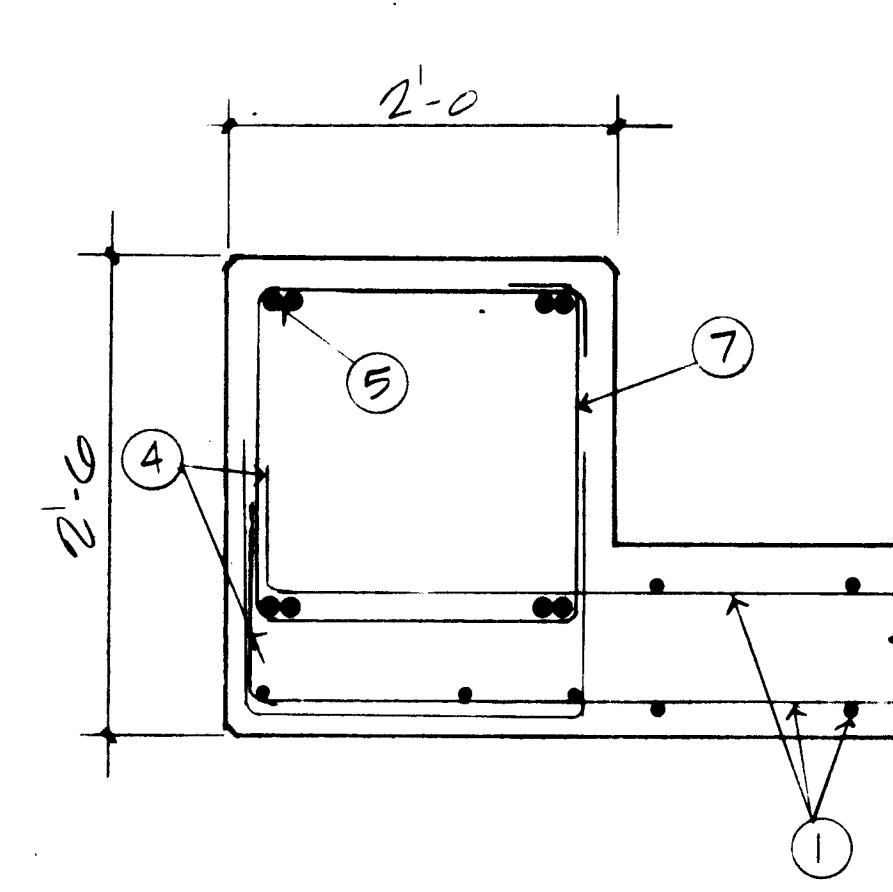
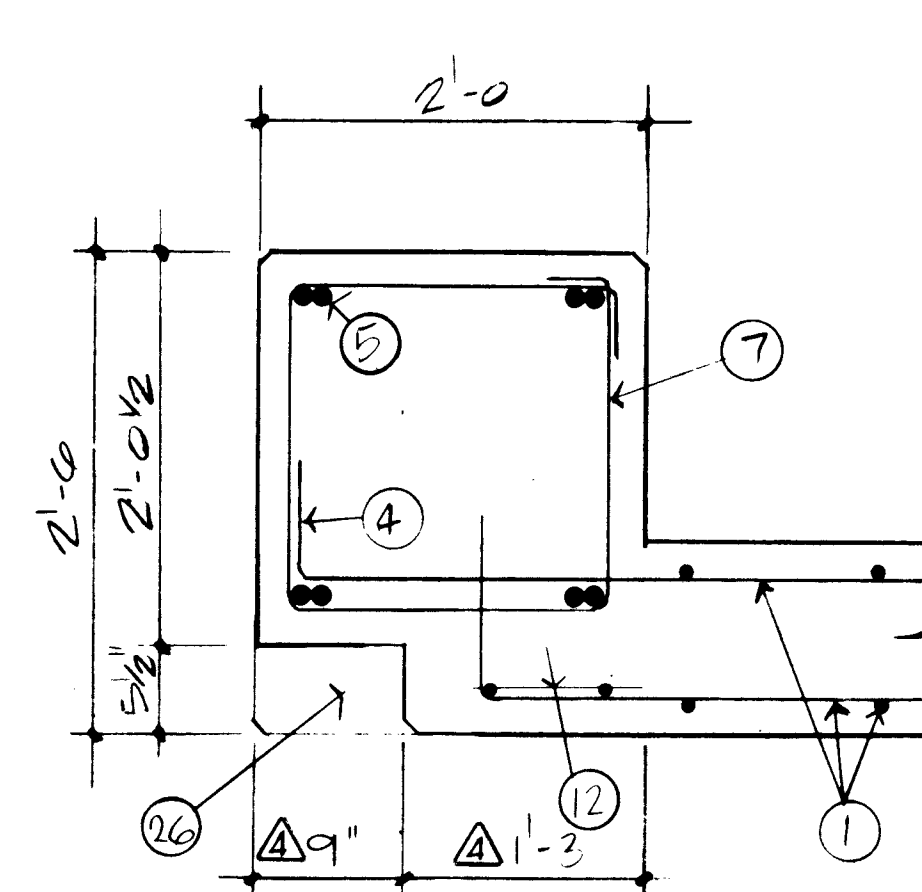
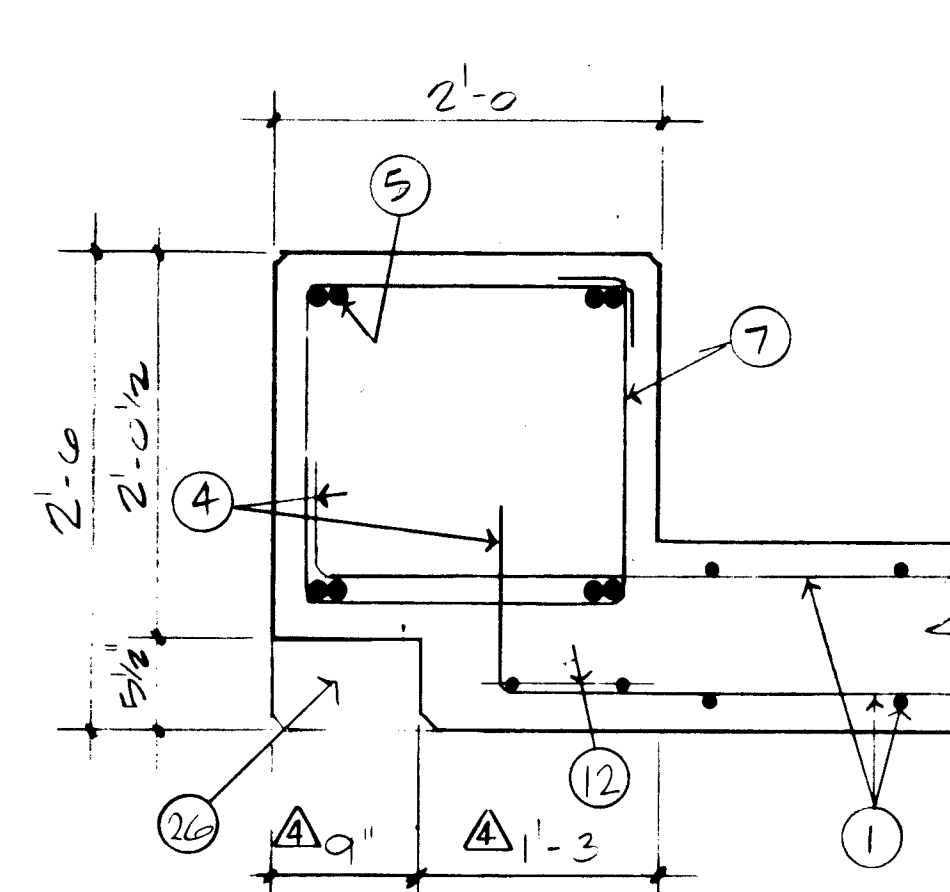
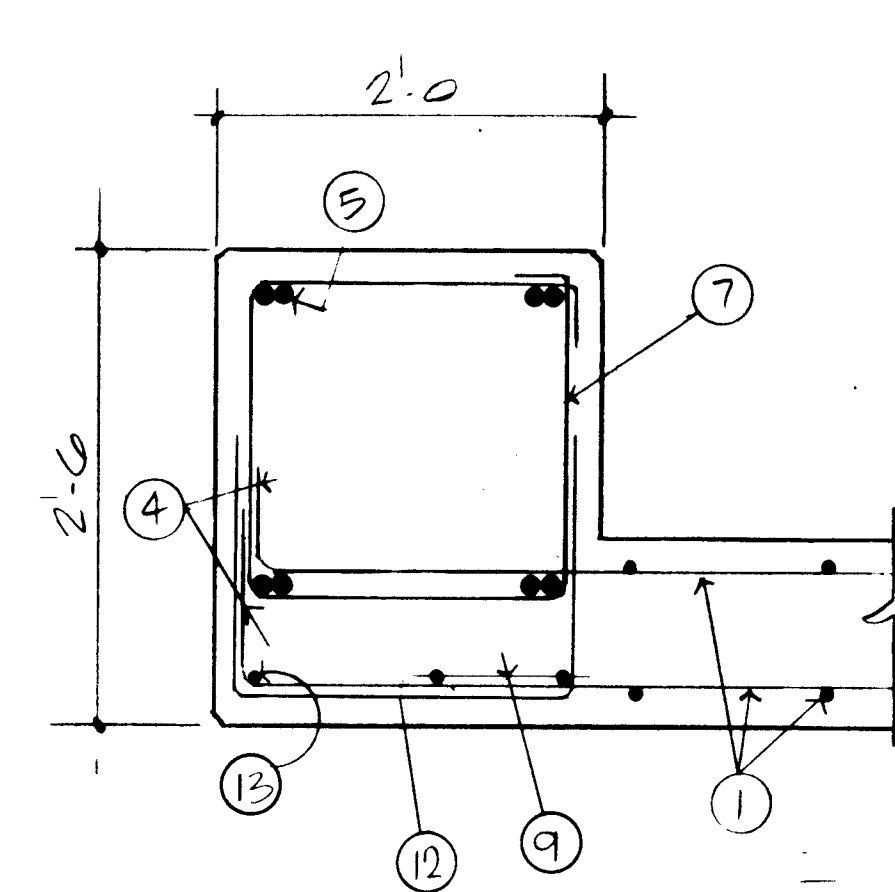
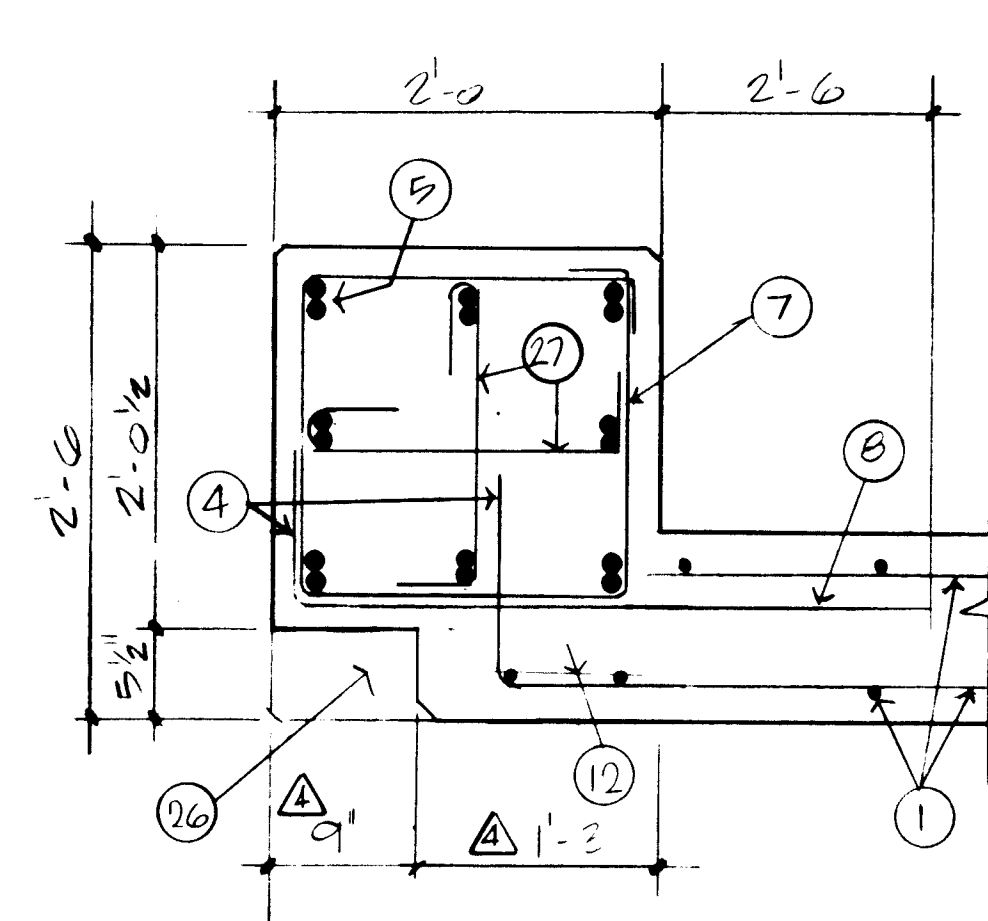
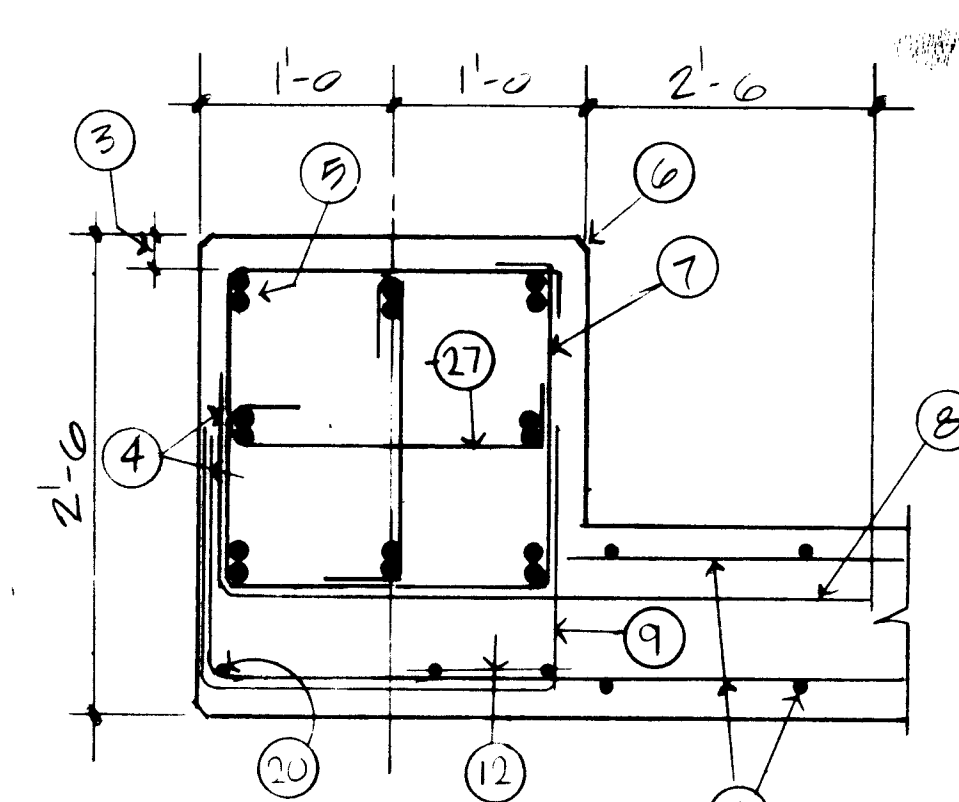


COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO

rmb
RICK M. BROWN, P.E.

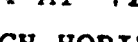
DATE: 7/2/04
SHEET: DW
PROJECT: SHEAR WALLS
S-9



LASON 1-505-344-9404
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NOTE A: SEE 3/S-11 FOR TYPICAL VERTICAL
REINFORCING BAR SPLICES AND COLUMN TIES.
NOTES.

NOTES:

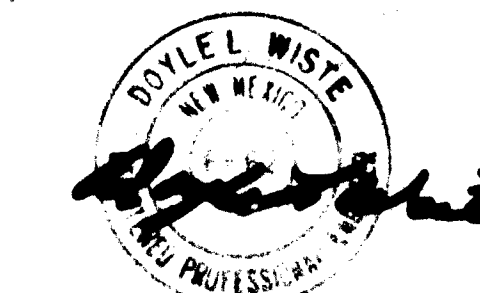
1. WALL REINFORCEMENT- SEE ELEVATION.
2. OMT.
3. 1-1/2" CLEAR- TYPICAL.
4. 1-0" HOOK. ROTATE TO PROV. CLEARANCE.
5. COLUMN VERTICALS. SEE ELEVATION.
6. 3/4" CHAMFER- TYPICAL.
7.  #4 AT 12' O/C.
8. DOWELS TO MATCH HORIZONTAL REINFORCEMENT.
9.  #4 AT 12' O/C.
10. TWO #6 LAP WITH WALL REINFORCEMENT.
11. FOUR #10 FULL HEIGHT.
12. TWO #6 CONTINUOUS
13. #6 BETWEEN BLOCKOUTS.
14. WALL LOCATION AT 11A.
15. WALL LOCATION AT 12A.
16. WALL LOCATION AT 14A.
17. TWO #11 CONTINUOUS
18. WALL LOCATION AT 15A.
19. TWO #11 WITH STANDARD 90 DEGREE HOOK # BOT.
20. #11 WITH STANDARD 90 DEGREE HOOK.
21. WALL LOCATION AT 16A.
22. WALL LOCATION AT 17A.
23. PLATE 1-1/2" x 6" x 0'-9".
24. PLATE 1-1/2" x 4" x 0'-6-1/2".
25. #14 BAPS.
26. BLOCK OUT FOR PRECAST PANEL.

"These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect."

RECORD DRAWING NO. [illegible]

Date: 11/21/84 DJH/MS-18.

	01/28/83	AC. BUILT
▲	JULY ,1982	MISC. REVISIONS
▲	JUNE 24, 1982	N/A
▲	JUNE 8, 1982	ISSUED FOR DOWELS ONLY
▲	MAY 22 , 1982	N/A
		REVISIONS.



SCALE: 1" = 1'-0" U.N.C.

COPPER AVENUE PARKING
STRUCTURE

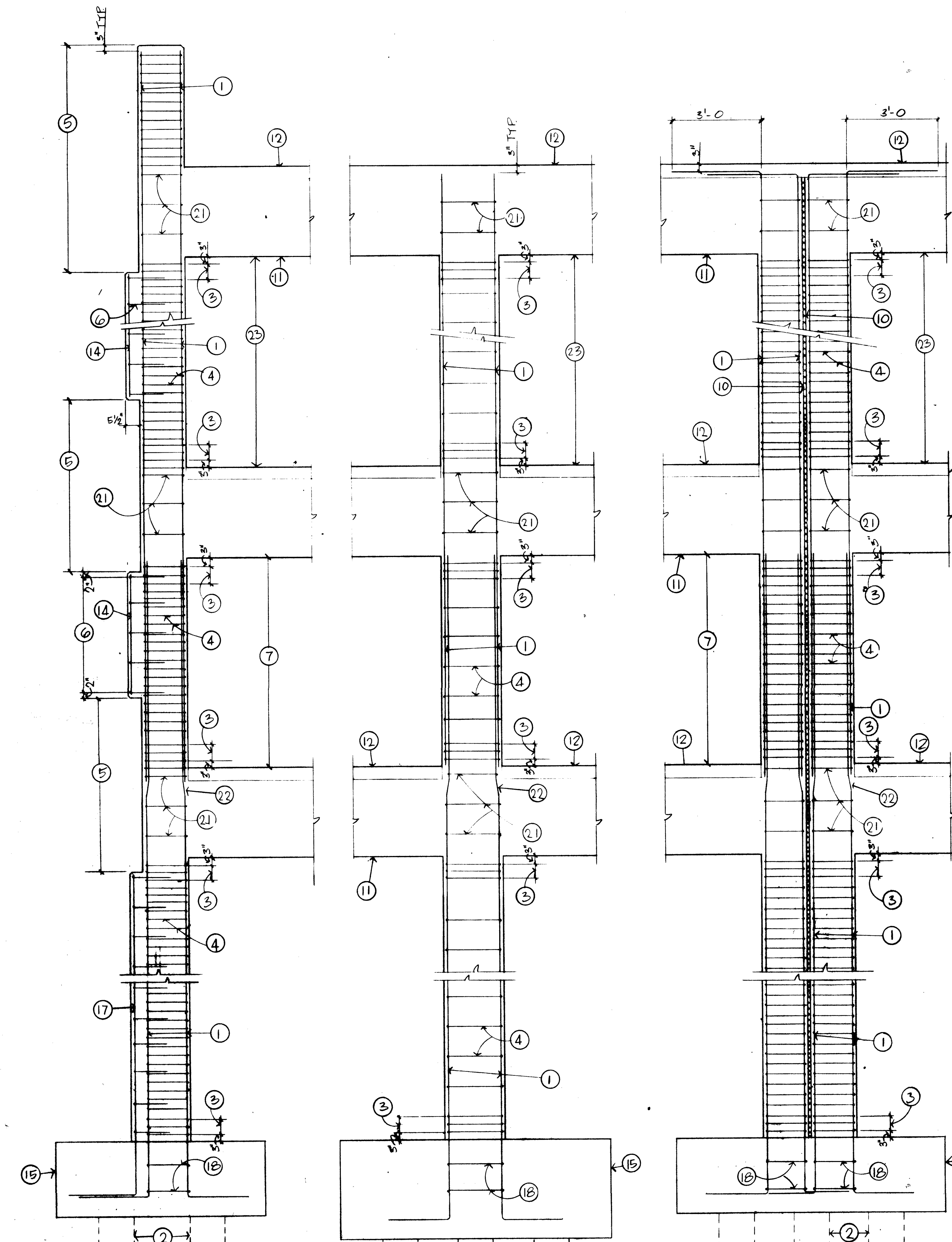
400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO



File	CAST-IN-PLACE COLUMN
checked	S-
TCP	DW

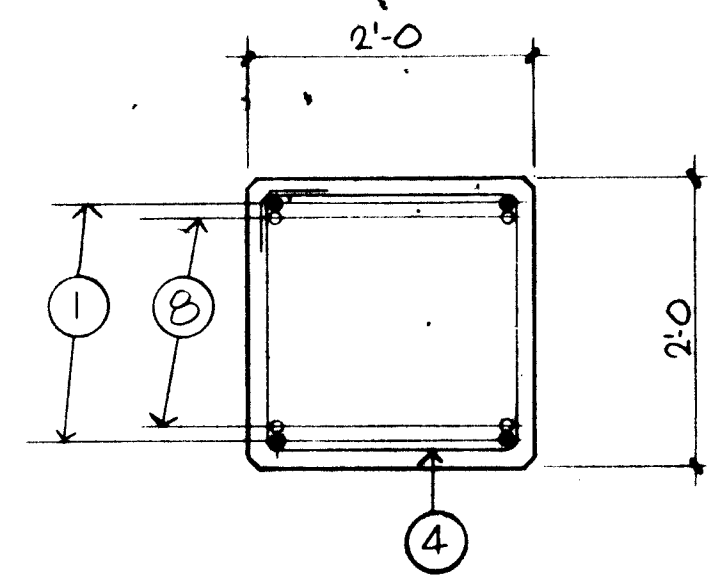
COLUMN SCHEDULE										
LEVEL	MARK	CC-1*	CC-2	CC-3	CC-4	CC-5*	CC-6	CC-7	CC-8*	CC-9*
6th	TYPE	1	2	3	4	5	6		4A	5A
5th	VERT REINF	8-#11	4-#10	4-#10	4-#11	8-#11	4-#10		12-#11	14-#11
5th	TIES	#4 @ 3 1/2	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 4	#4 @ 12		#4 @ 5	#4 @ 4
5th	TYPE	1	2	3	4	5	6		4A	5A
4th	VERT REINF	8-#11	4-#10	4-#10	4-#11	8-#11	4-#10		12-#11	14-#11
4th	TIES	#4 @ 3 1/2	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 4	#4 @ 12		#4 @ 5	#4 @ 4
4th	TYPE	1	2	3	4	5	6		4A	5A
3rd	VERT REINF	8-#11	4-#10	4-#10	4-#11	8-#11	4-#10		12-#11	14-#11
3rd	TIES	#4 @ 3 1/2	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 4	#4 @ 12		#4 @ 5	#4 @ 4
3rd	TYPE	1	2	3	4	5	6		4A	5A
2nd	VERT REINF	8-#11	4-#10	4-#10	4-#11	8-#11	4-#10		12-#11	14-#11
2nd	TIES	#4 @ 3 1/2	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 4	#4 @ 12		#4 @ 5	#4 @ 4
2nd	TYPE	1	2	3	4	5	6	7	4A	5A
2nd	VERT REINF	8-#11	4-#10	4-#10	4-#11	8-#11	4-#10	4-#8	12-#11	14-#11
2nd	TIES	#4 @ 3 1/2	#4 @ 12	#4 @ 12	#4 @ 12	#4 @ 4	#4 @ 12	#3 @ 12	#4 @ 5	#4 @ 4

* NOTE: TIES MAY BE SPACED @ 5" IF CR.60 TIES ARE USED
 † NOTE: TIES MAY BE SPACED @ 6" IF CR.60 TIES ARE USED

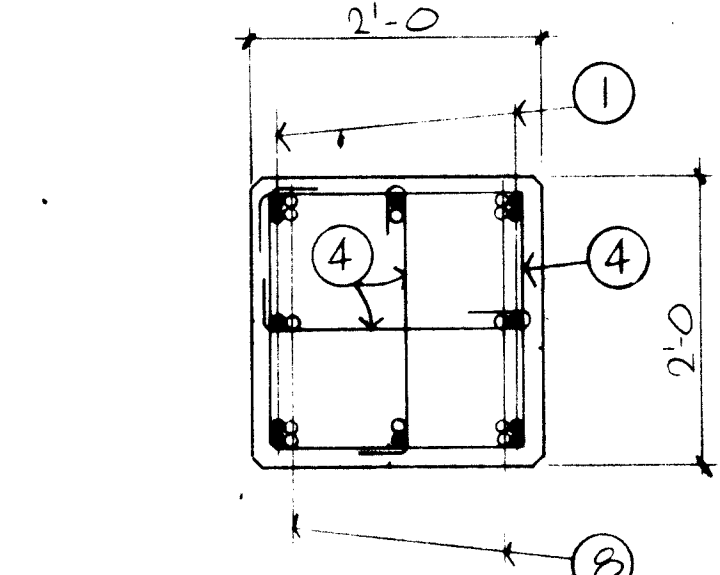


(A) TYP EXTERIOR (TYPES 1, 2, 3, 6) (B) INTERIOR (TYPES 4, 4A) (C) TYP INTERIOR (TYPES 5, 5A) (D) INTERIOR (TYPE 7)

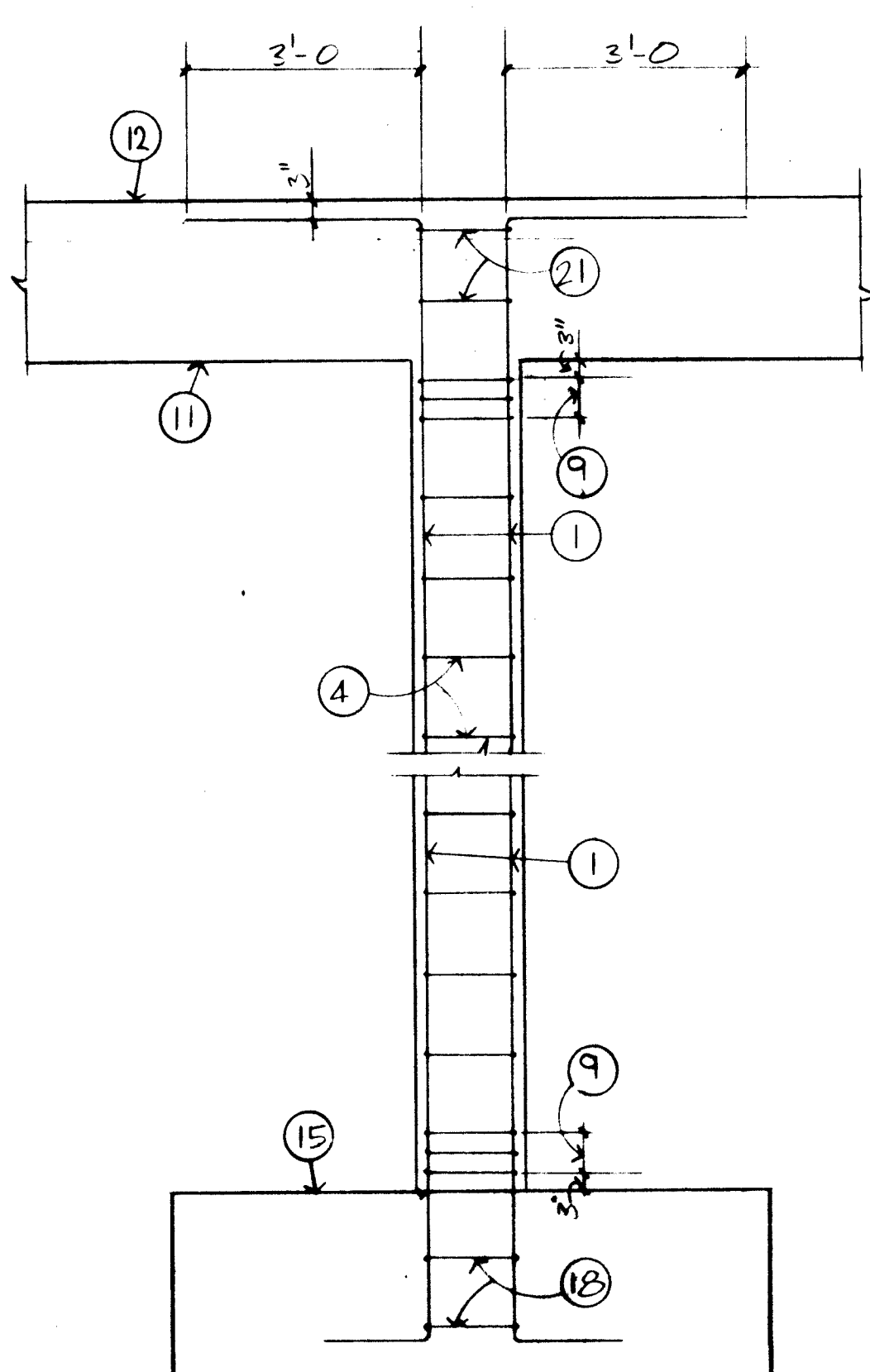
COLUMN TYPE-1 4



COLUMN TYPE-4 7

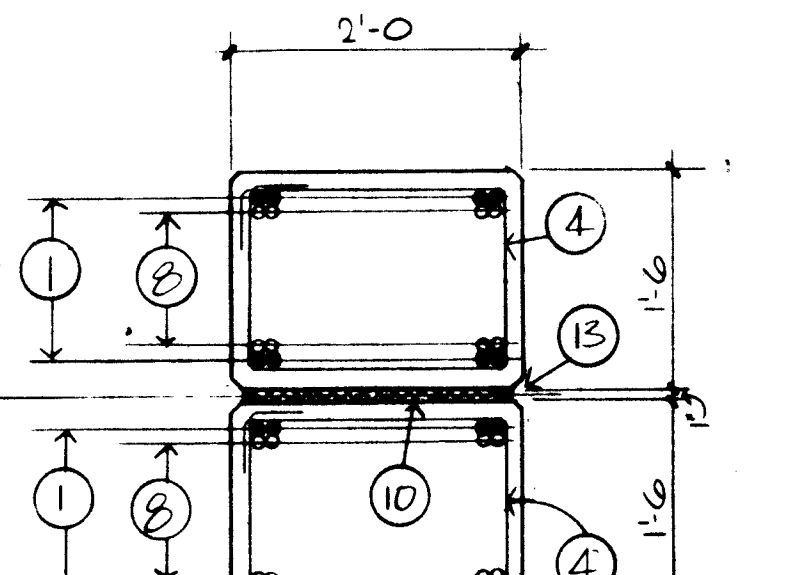


COLUMN TYPE 4A 10

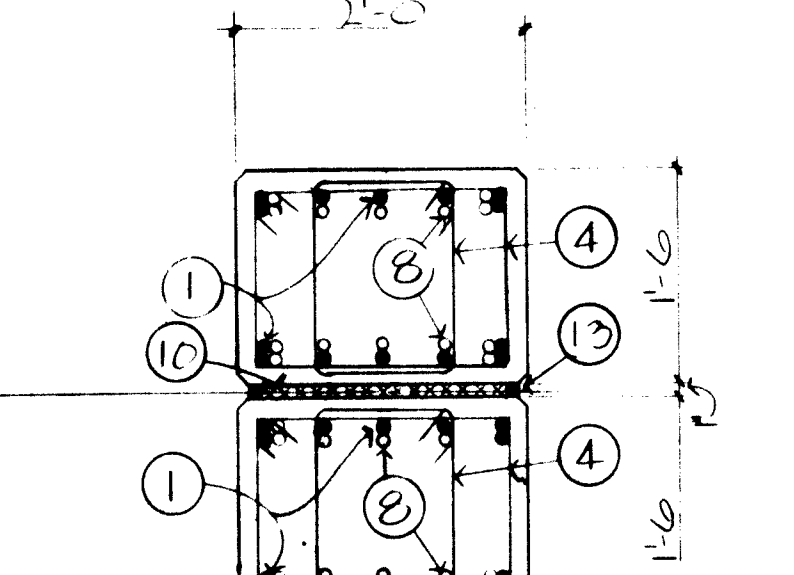


(D) INTERIOR (TYPE 7)

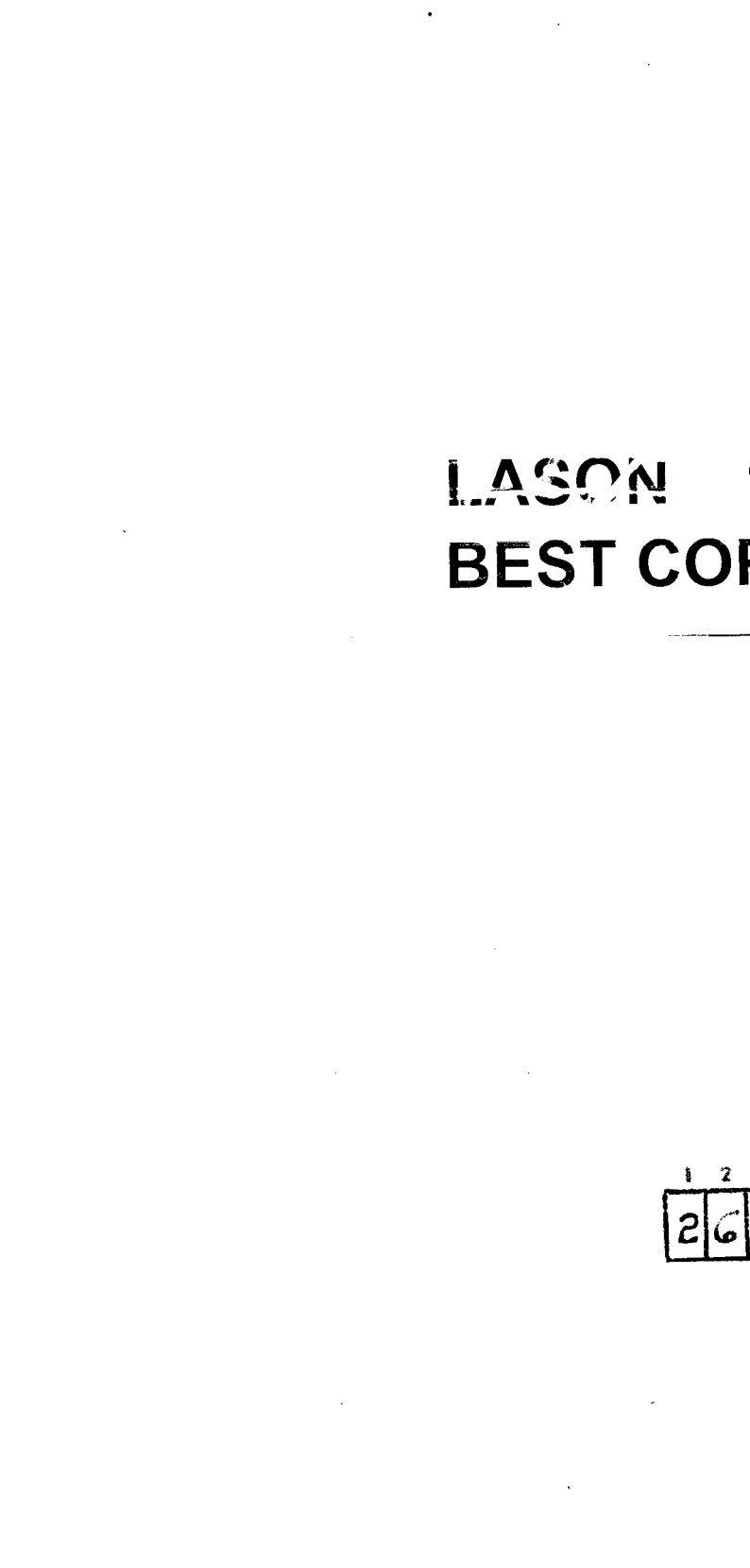
COLUMN TYPE-2 5



COLUMN TYPE-5 8

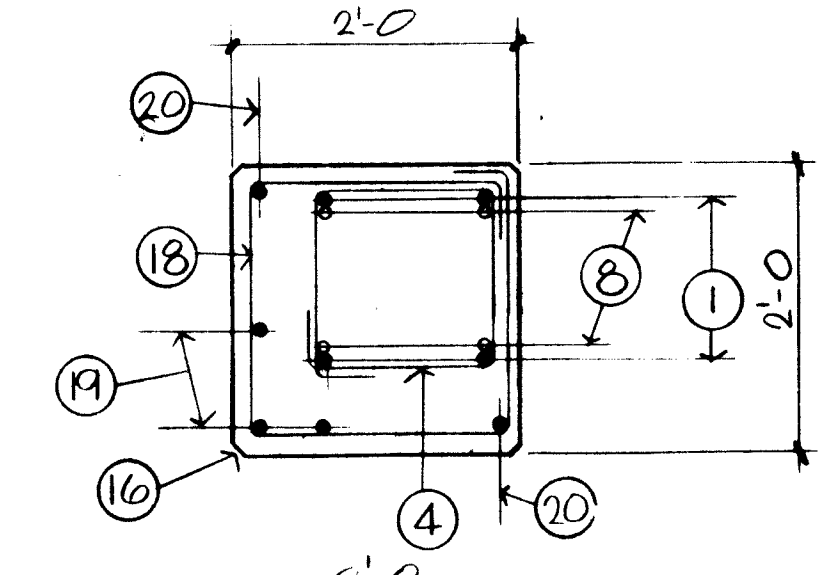


COLUMN TYPE 5A 11

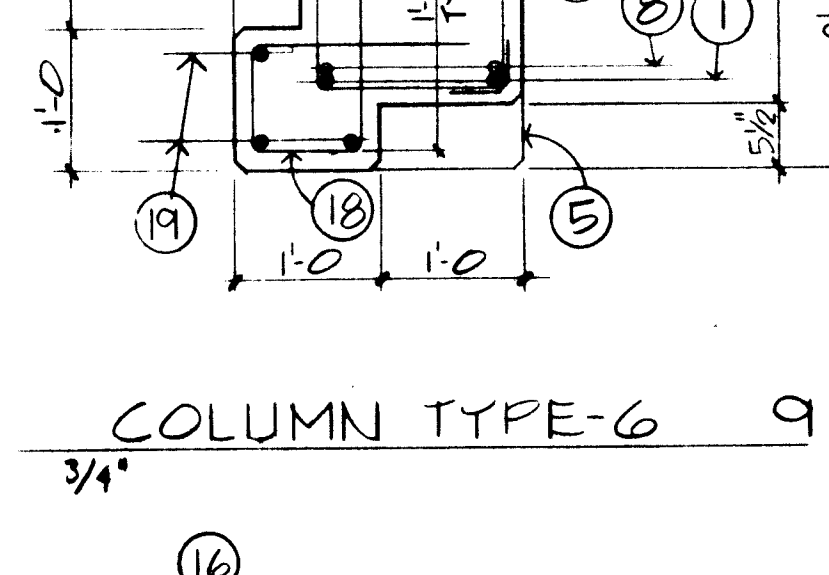


(D) INTERIOR (TYPE 7)

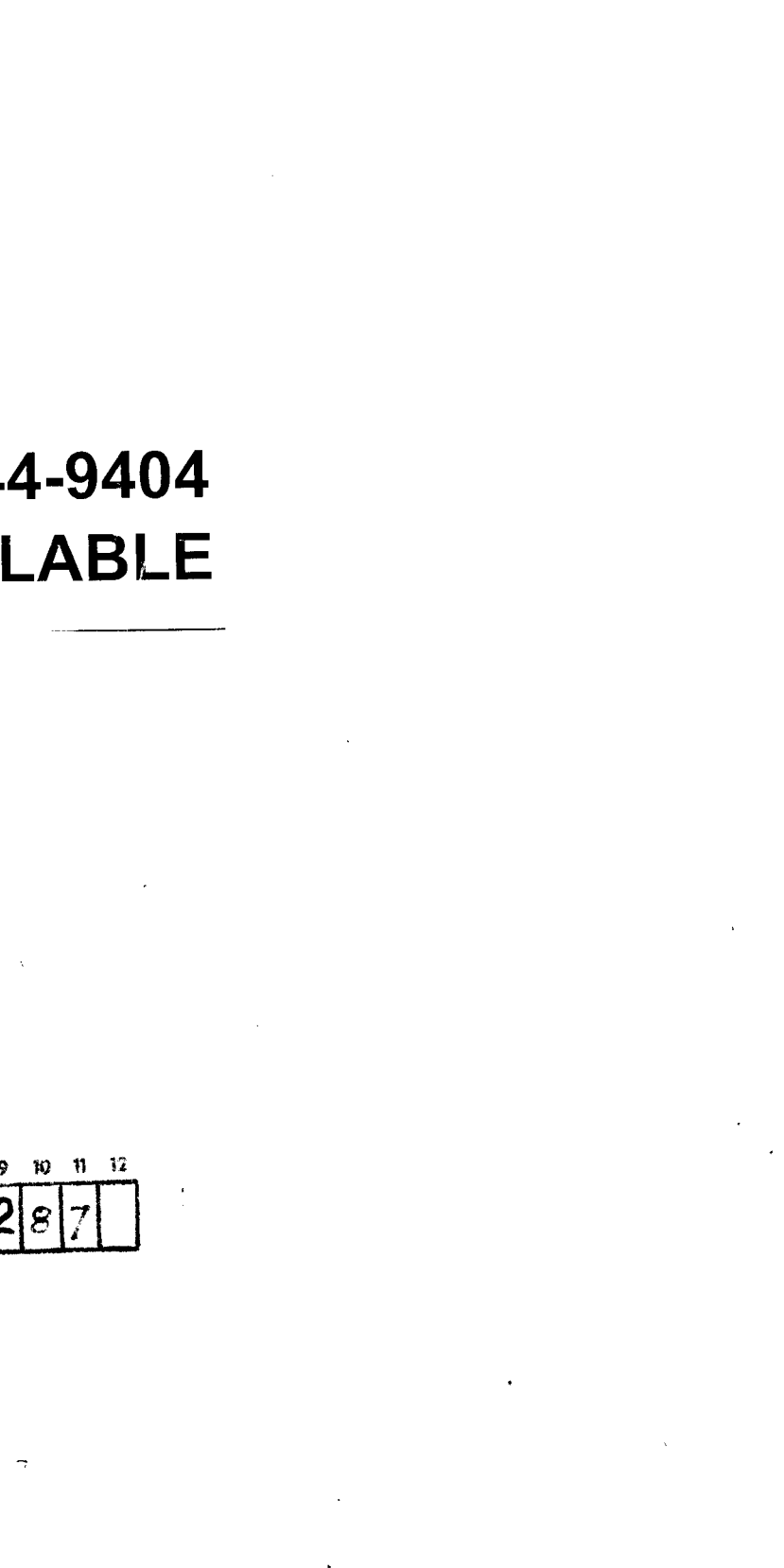
COLUMN TYPE-3 6



COLUMN TYPE-6 9



COLUMN TYPE-7 12



(D) INTERIOR (TYPE 7)

NOTES

1. COLUMN VERTICAL REINF. - SEE SCHEDULE
2. PILES, SEE DWG S-9.
3. THREE #4 TIES AT 3" O/C.
4. COLUMN TIES - SEE SCHEDULE FOR SIZE AND SPACING. ALTERNATE LOCATION OF HOOKS.
5. BLOCK-OUT FOR PRECAST PANEL.
6. #4 TIES AT 12" O/C 1'-6" L 1'-6"
7. LAP SPICE 7'-0" BETWEEN FLOORS.
8. DIMS FROM COLUMN BELOW.
9. THREE #3 TIES AT 3" O/C.
10. 1" STIFFENING BETWEEN COLUMNS.
11. C.I.P. BEAM.
12. STRUCTURAL SLAB.
13. POLYSULFIDE SEALANT. COLOR TO MATCH CONCRETE.
14. TWO #6 BETWEEN PRECAST PANEL BLOCK-OUTS.
15. PILE CAP.
16. 3/4" CHAMFER TYP.
17. TWO #11 (PILE CAP TO 2ND FLOOR).
18. #4 TIES AT 12" O/C.
19. THREE #6 FULL HEIGHT, SPICE WHERE REQD. (CLASS C)
20. ADD 1 #6 BETWEEN PRECAST PANEL BLOCK-OUTS.
21. TIE SPACING @ BEAM = 12" O/C.
22. MAX OFFSET @ SPICED BARS: 1 TO 6.
23. SPICE NOT PERMITTED IN COLUMN VERTICALS BETWEEN 5TH AND 6TH LEVELS.

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11/21/84 DASH

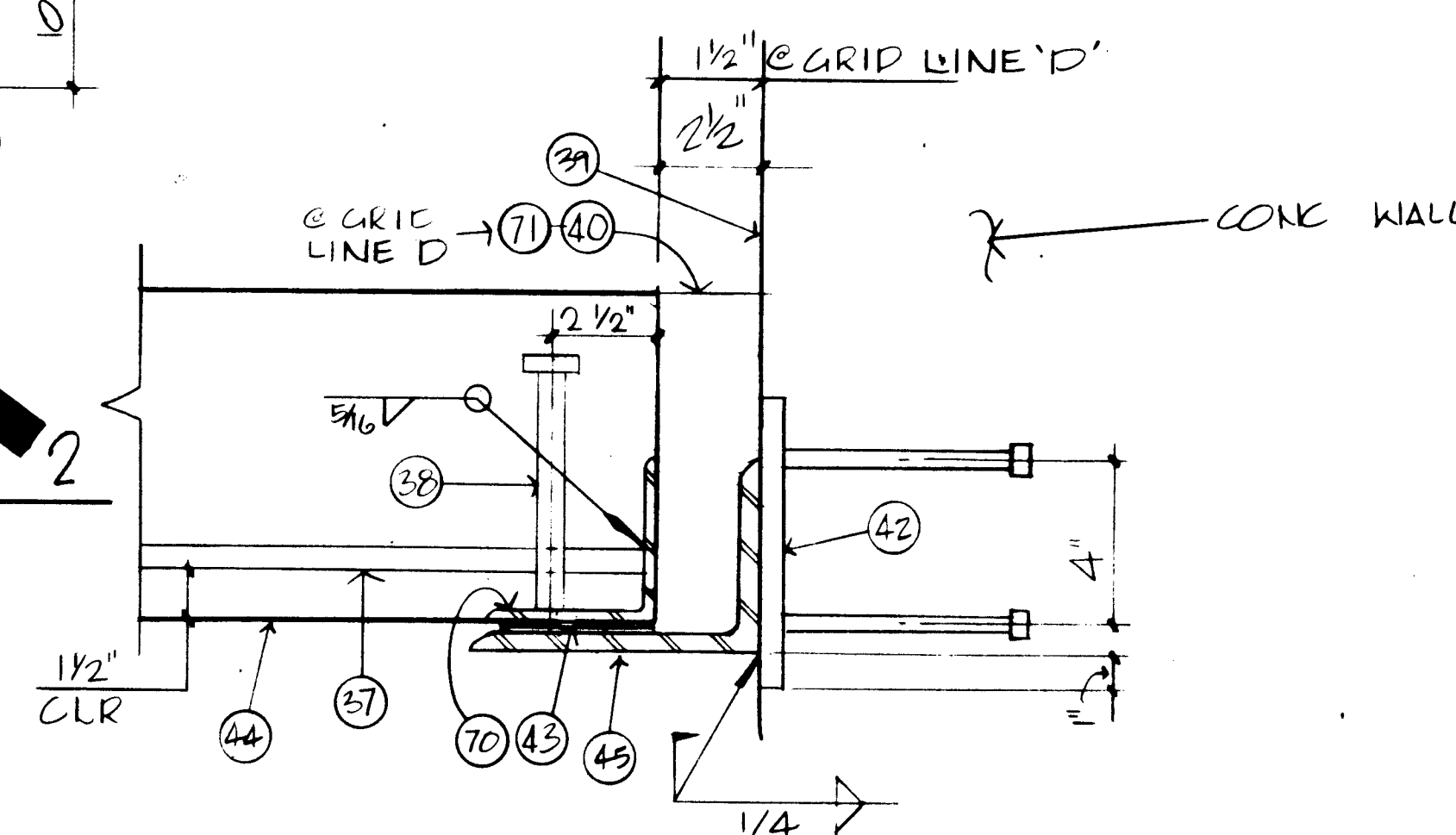
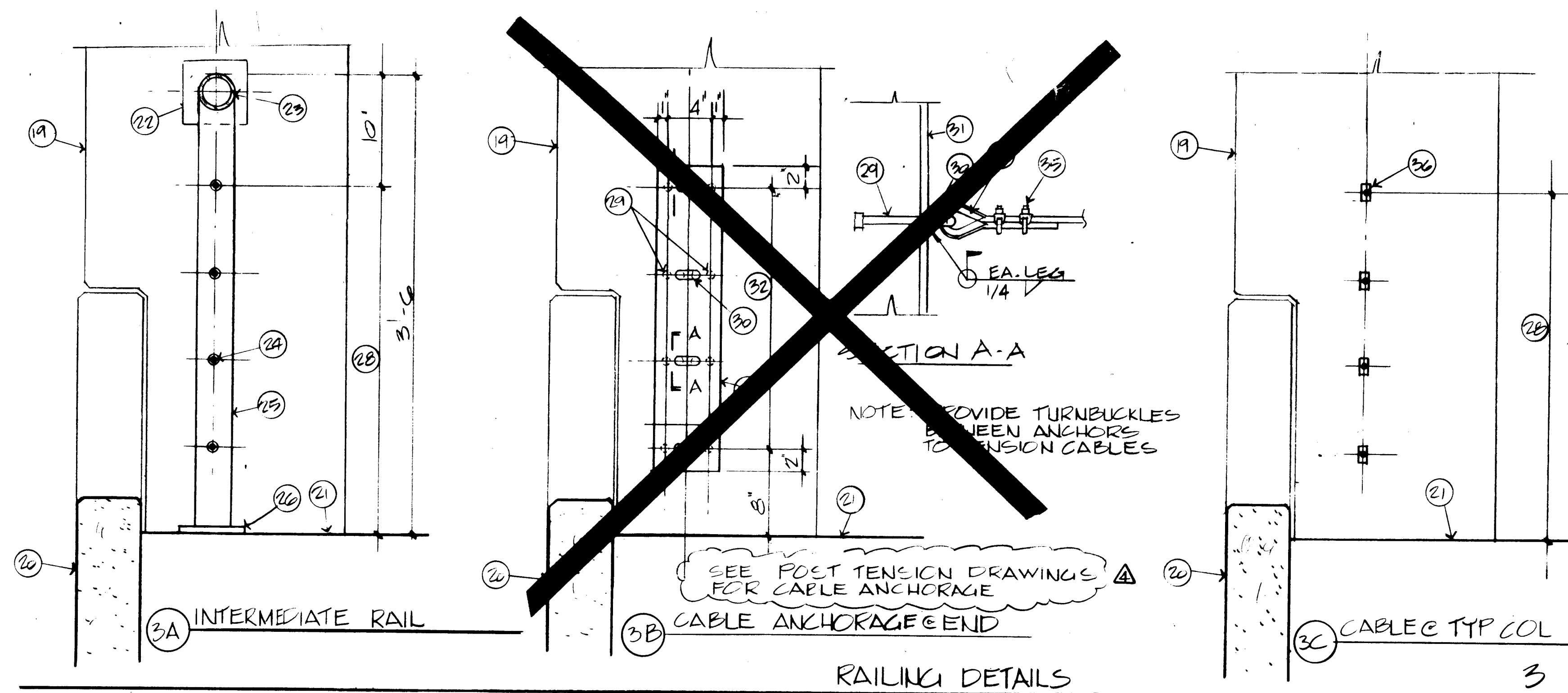
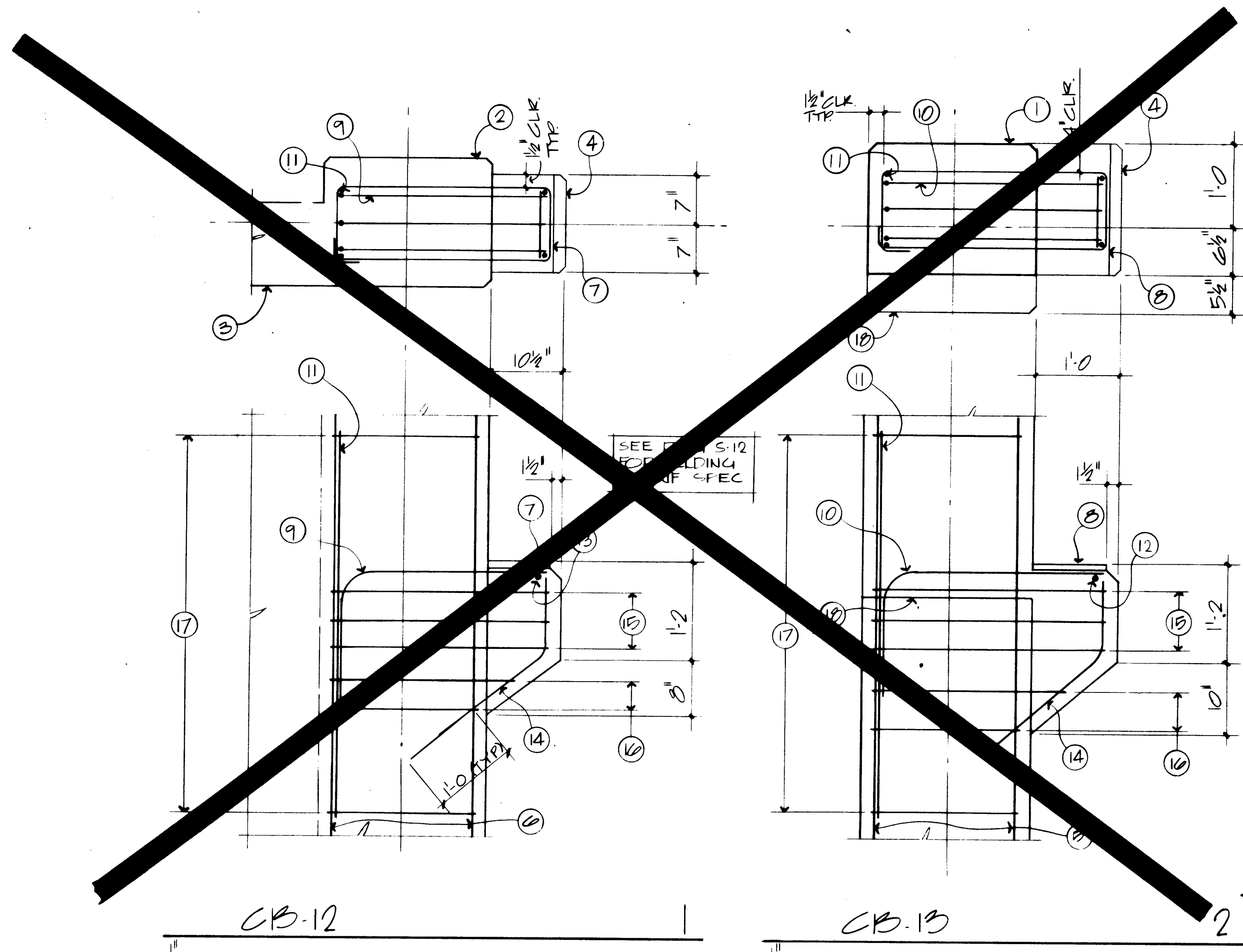
REVISIONS	
8/23/83	AS BUILT
7/14/82	MISC. REVISIONS
6/24/82	ISSUED FOR COL. IN COWELS ONLY
6/12/82	N/A
5/22/82	N/A

11/21/84 DASH

COPPER AVENUE PARKING
 STRUCTURE
 400 COPPER AVENUE N.W.
 ALBUQUERQUE, NEW MEXICO

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 architects engineers planners
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CAST-IN-PLACE COLUMNS
 S-11



TYPICAL SLAB BEAM EXP. JT

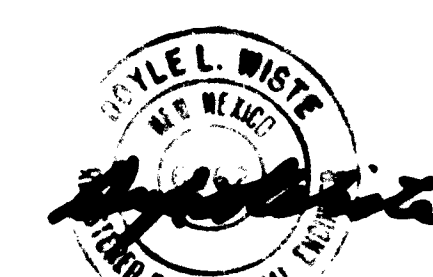
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- NOTE A:
- COMPENSATE FOR PRECAST B.L.
- NOTES:
1. P.C. COL.
 2. C.I.P. COL.
 3. C.I.P. HALL.
 4. CORREL.
 5. COL. VERTS. & TIES. SEE SHEET S-11.
 6. COL. VERTS. & TIES. SEE SHEET S-10.
 7. BRG. PL. 1" X 9" X 1'-2".
 8. BRG. PL. 1" X 10" X 1'-6-1/2".
 9. MAIN BARS THREE #8 X 3'-9" AT 4" O/C.
 10. MAIN BARS THREE #7 X 3'-9" AT 4" O/C.
 11. ADD #5 PLACING BARS FOR CORREL TIES AS REQ'D.
 12. #7 CROSS BAR WELDED TO EA. MAIN BAR.
 13. #8 CROSS BAR WELDED TO EA. MAIN BAR.
 14. ONE #4 EA. CORNER WELD TO BRG. PL.
 15. CORREL TIES THREE #4 AT 4" O/C.
 16. CORREL TIES THD #4 AT 5" O/C.
 17. #4 COL. TIES. SEE ELEVATION SHEET S-11.
 18. P.C. PANEL BLOCKOUT.
 19. COL. BEYOND.
 20. P.C. CONC. PANEL.
 21. TOP OF CURB.
 22. SLIDING CONN. @ COL. SEE ARCH. DHGS.
 23. RAIL-PIPE 2-1/2" STD.
 24. 7/16" WIRE CABLE PER SPECS. - THRU 5/8" HOLES IN POST. SEE ARCH. & POST-TENSION ENGS. POST-PIPE 2-1/2" STD. WELDED. SEE ARCH. DHGS. FOR LOCATION.
 25. WELDED CONN. SEE ARCH. DHGS.
 26. L 4 X 4 X 1/4 FRAME AROUND COL. 1/2-3/8 X 0'-4 HSA EACH SIDE.
 27. FOUR SPACES AT 8".
 28. 3/4" X 0'-8" HSA TYP.
 29. 3/4" BAR
 30. PL 1/2" X 6" X 2'-4".
 31. THREE SPACES AT 8".
 32. HEADED STUD ANCHOR
 33. THIMBLE.
 34. ROPE CLIPS.
 35. BLOCK OUT THRU COL. FOR WIRE CABLES. SLOPE TO MATCH FLOOR.
 36. #5 X 2'-6" LONG @ 12" O/C. GRG GO ASTM A-706
 37. 5/8" @ X 0'-4" HSA @ 1'-6" O/C.
 38. FACE OF HALL.
 39. SEE ARCH. DHGS FOR EXP. JT. COVER
 40. OMIT.
 41. PL 1/2" X 7" X 0'-7" W/4-5/8" @ X 0'-6" HSA AT 4" O/C EA. W/4. LOCATE PLATES @ 2'-0" O/C.
 42. CONTINUOUS SLIDING BEARING 1/2 TEFLOON PADS BONDED TO STAINLESS STEEL PLATES. SUBMIT DETAILS FOR APPROVAL.
 43. C.I.P. SLAB. SEE POST-TENSION ENGS.
 44. CONT. L-7" X 5" X 1/2" LLH
 45. P.C. CONC. DUTTY COL. 2'-0" X 2'-0" W/FOUR #8 VERT. #4 TIES AT 16" O/C.
 46. 6TH LEVEL.
 47. P.C. CONC. BEAM.
 48. P.C. CONC. BEAM BEYOND.
 49. 5TH LEVEL.
 50. L-4" X 4" C 1/2" X 1'-6-1/2" W/THREE 3/4" X 0'-8" HSA AT 6" O/C.
 51. L-4" X 4" X 1/2" X 0'-4" EA. END.
 52. PL-5/8" X 6" X 1'-6-1/2" W/THREE 3/4" X 0'-8" HSA AT 6" O/C.
 53. SHIM PLATES AS REQUIRED.
 54. PL-1/2" X 5" X 0'-6" W/THD 5/8" X 0'-6" HSA AT 4" O/C.
 55. L-4" X 4" X 1/4" X 0'-3-1/2" TIGHT AGAINST DUTTY COLUMN.
 56. WELD PL 3/8" X 4" X 0'-6".
 57. L-4" X 4" X 3/8" X 0'-8" W/THD 5/8" X 0'-8" HSA AT 6" O/C.
 58. PL-1/2" X 4" X 0'-8" W/THD 5/8" X 0'-8" HSA AT 6" O/C.
 59. 1/2" MAX.
 60. WELD PL 1/4" X 3" X 0'-6".
 61. PL 3/8" X 4" X 0'-8" W/THD 1/2" X 0'-6" HSA AT 5" O/C.
 62. L-5" X 3" X 3/8" X 0'-8" W/THD 1/2" X 0'-4" HSA AT 5" O/C.
 63. WELD PL 1/4" X 5" X 0'-6".
 64. 3" X 3" BLOCKOUT 1/4" X 4" X 4'-6" DIAM. GROUT SOLID AFTER BEAMS ARE ERECTED.
 65. L-4" X 4" X 3/8" CONT.
 66. EXTRA HEAVY DUTY VEHICULAR EXP. JT. W/ WATER TIGHT SEAL. SUBMIT FOR APPROVAL

"These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect."

8/23/83	AS BUILT
7/19/82	MISC. REVISIONS
6/24/82	N/A
6/8/82	N/A
5/21/82	N/A
	REVISIONS

20 10461387



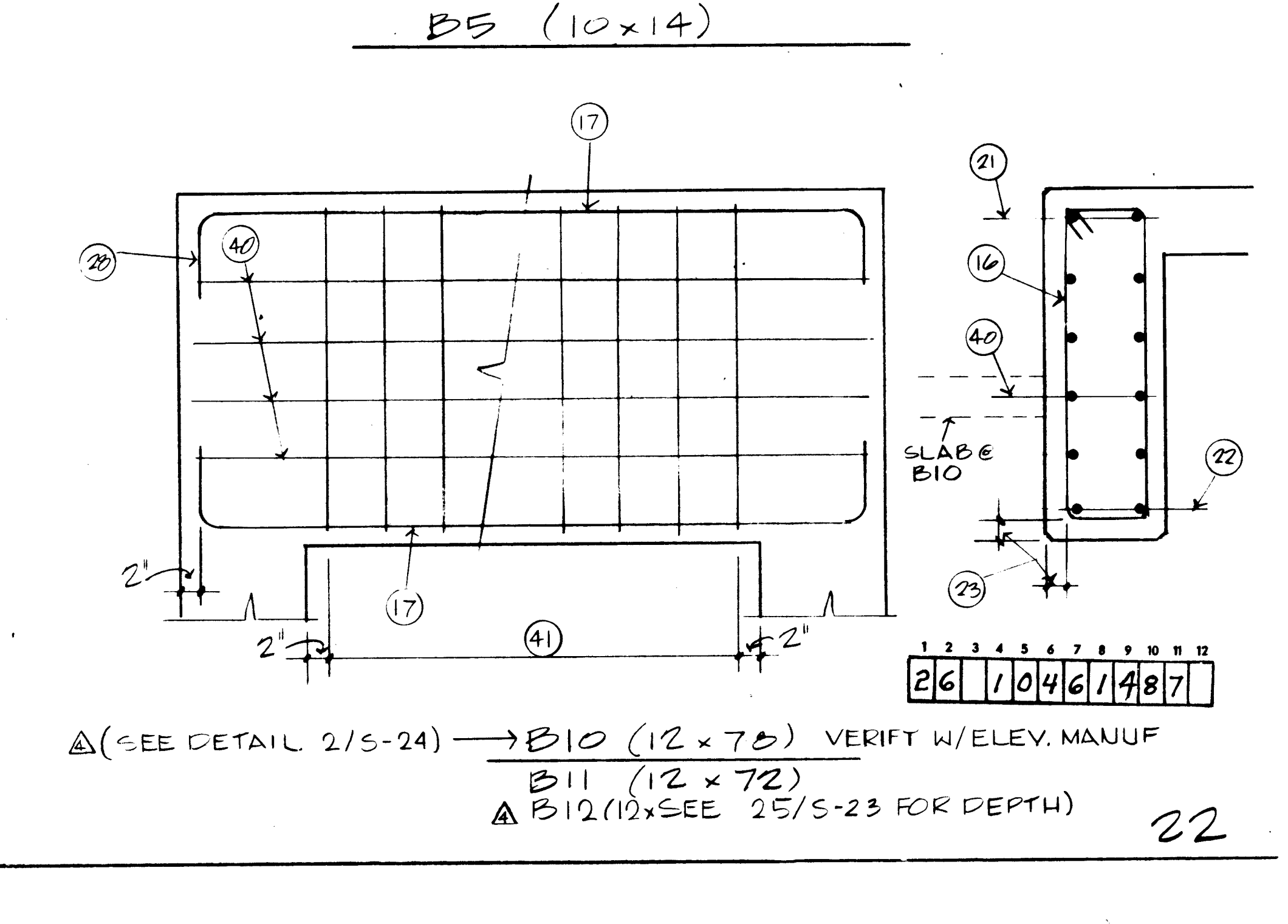
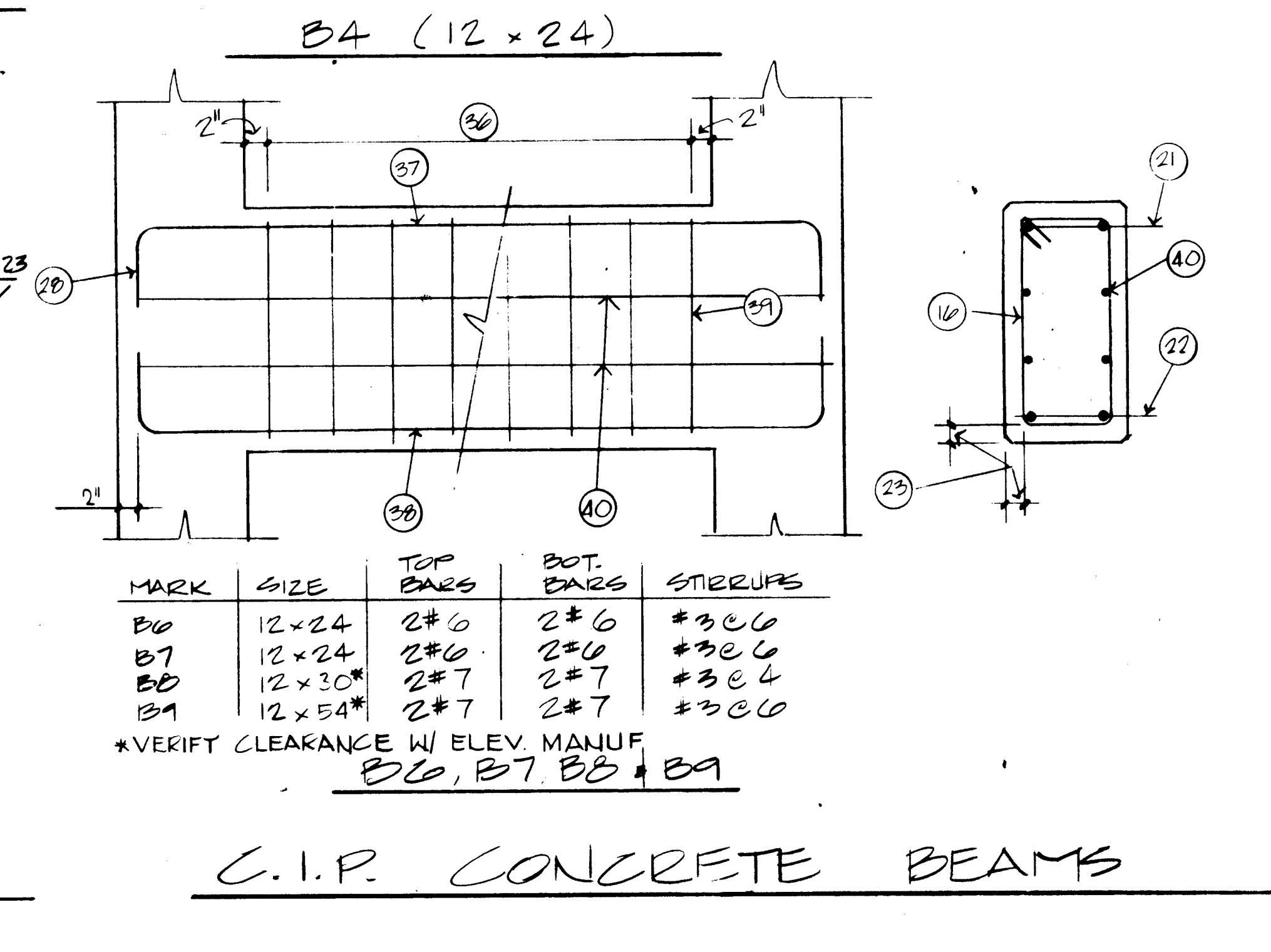
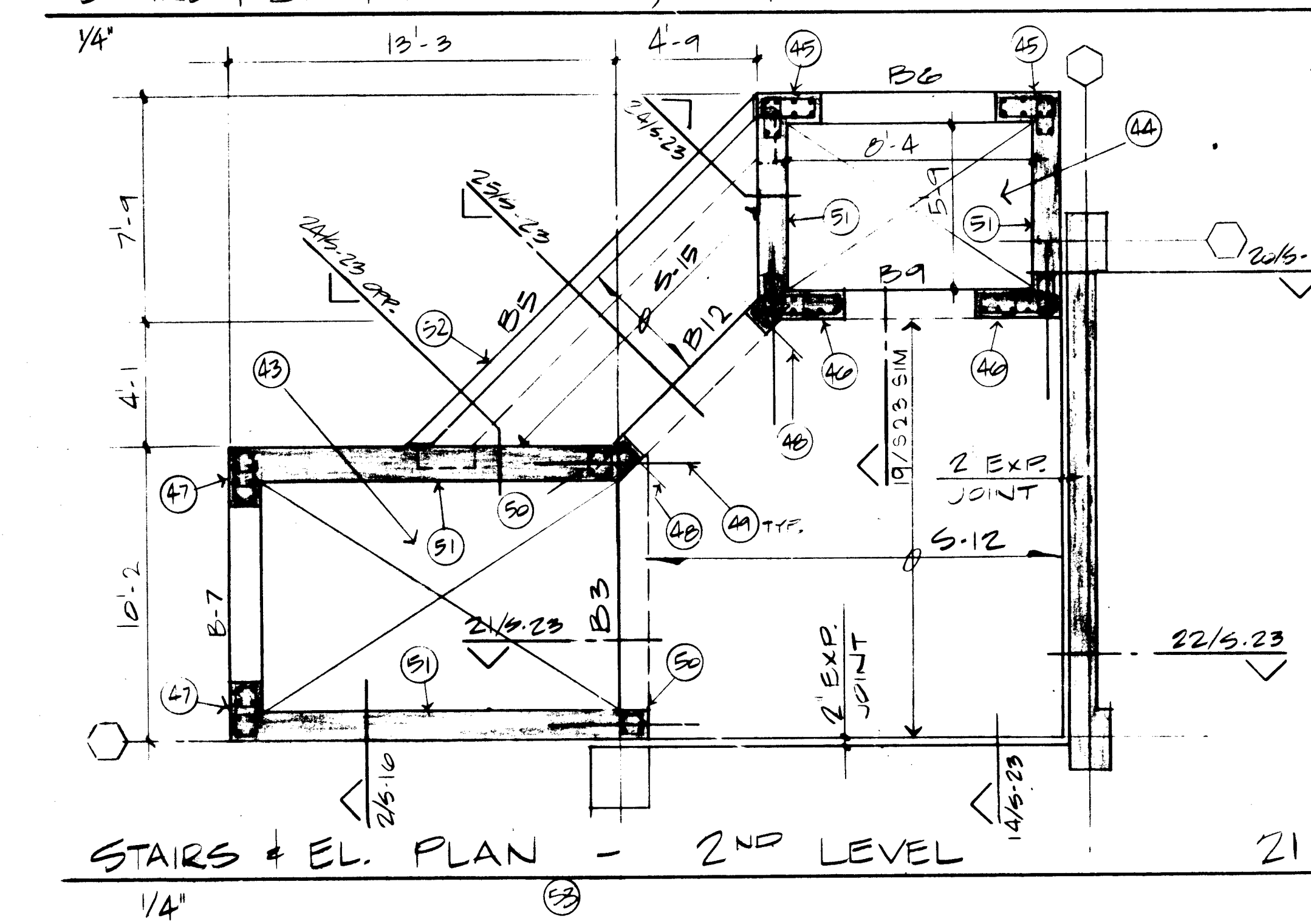
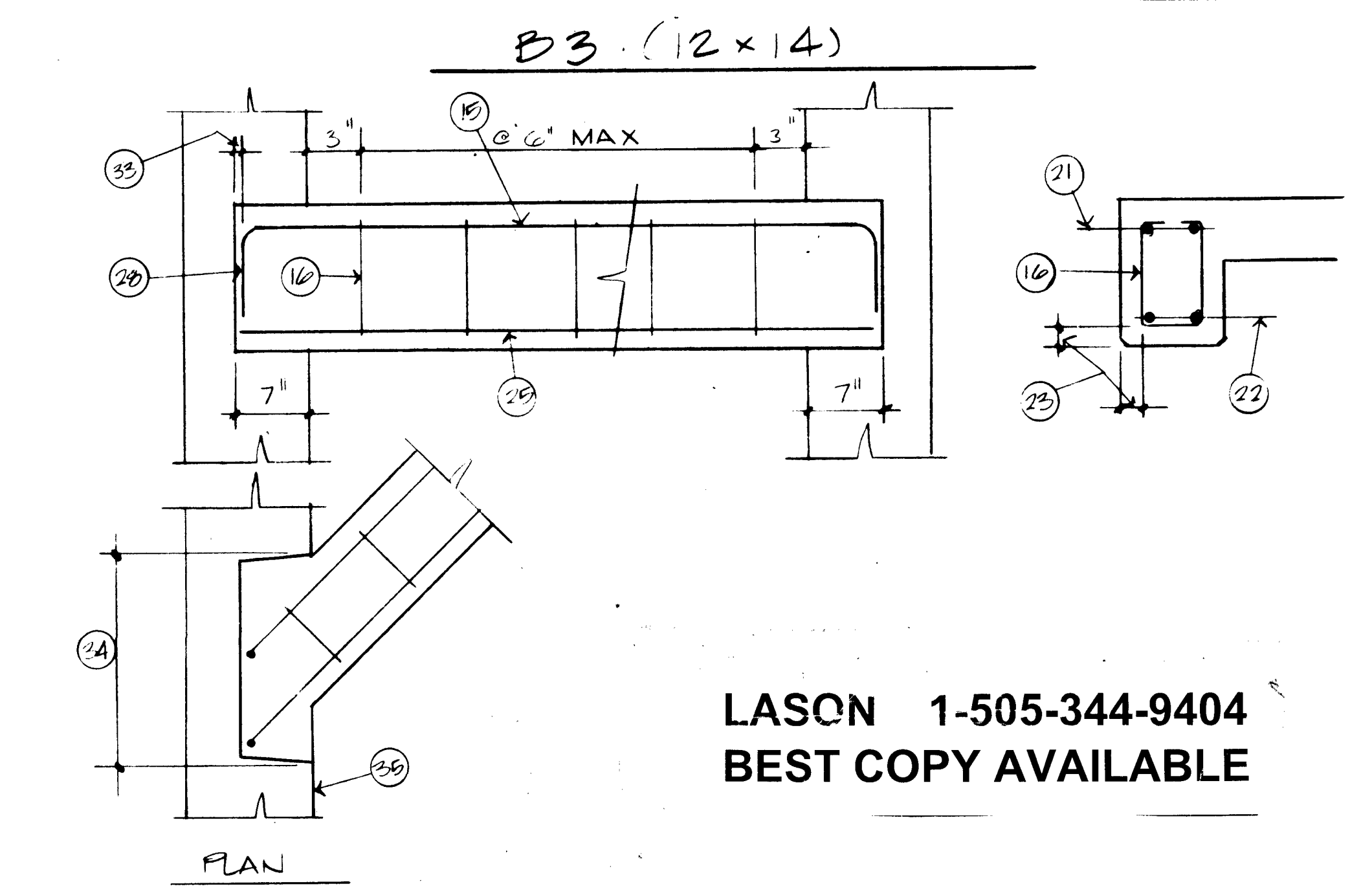
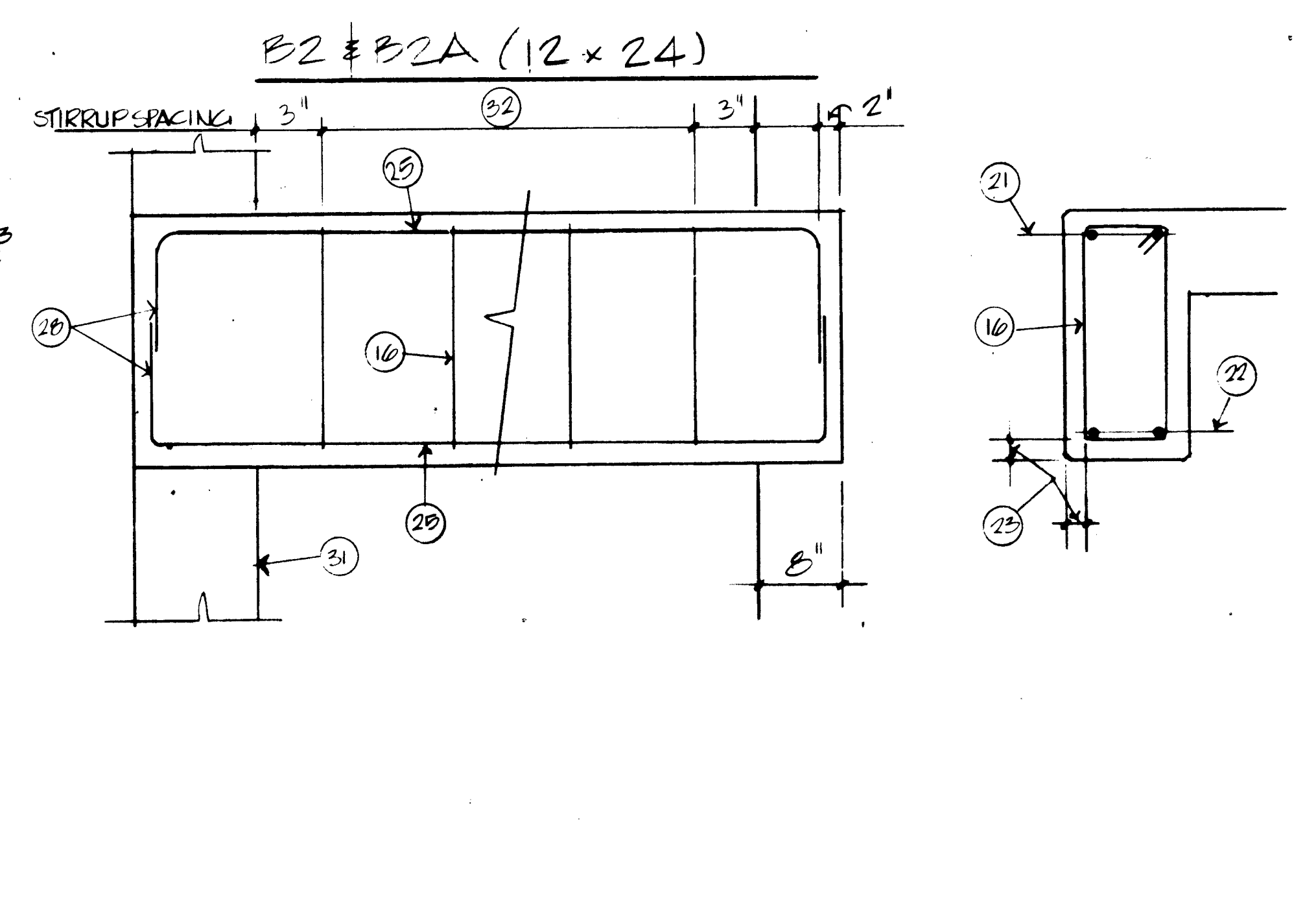
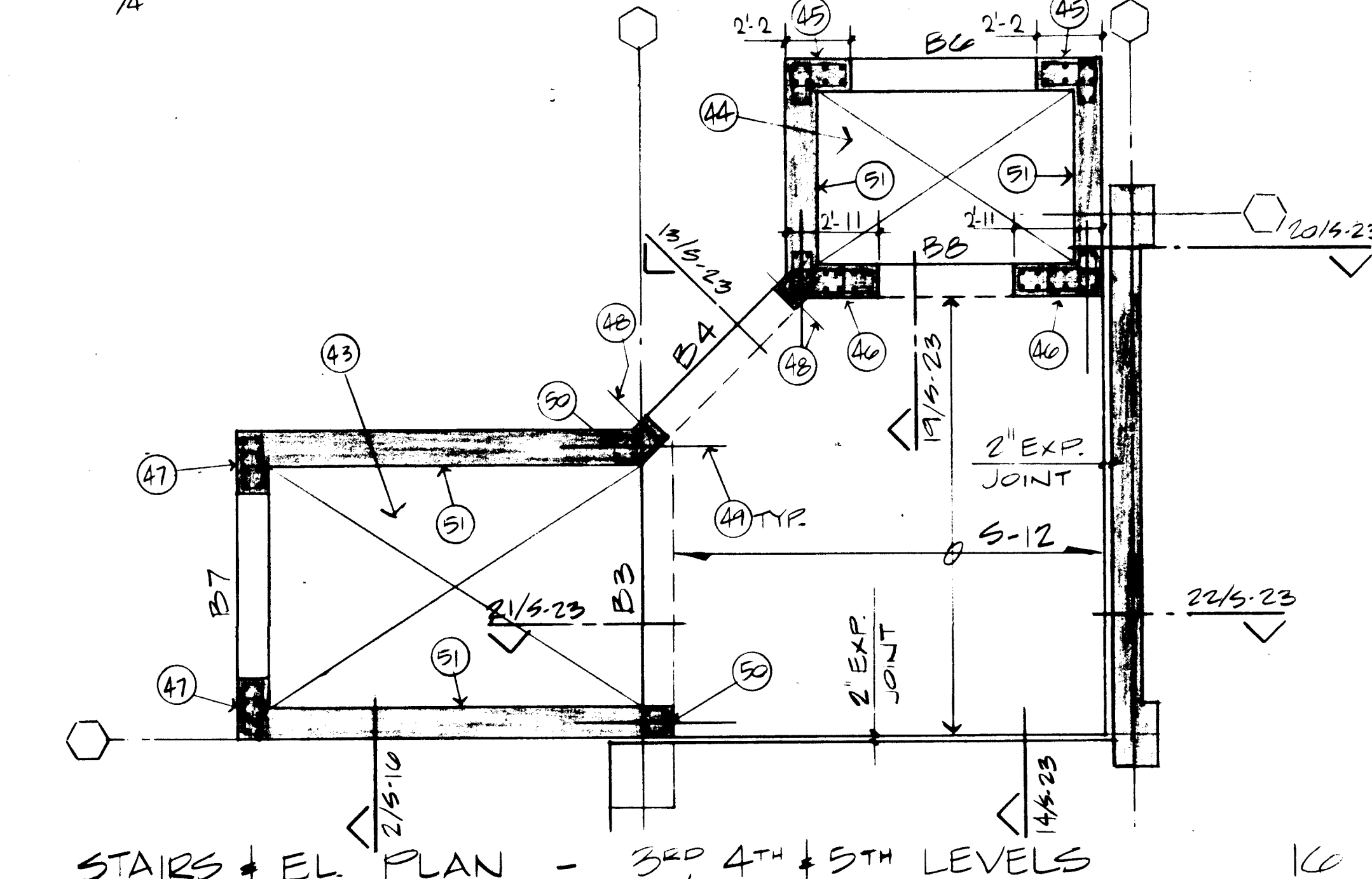
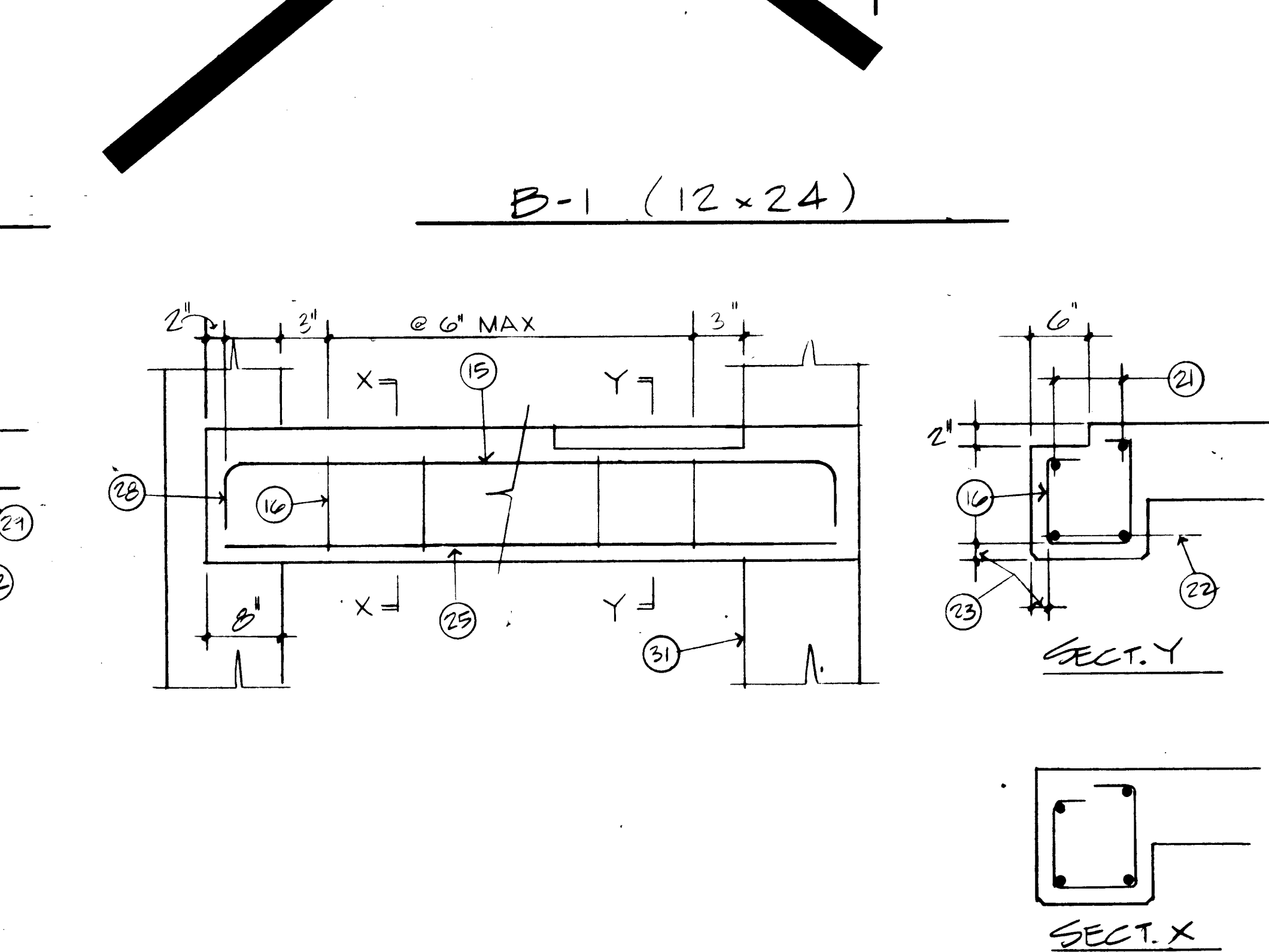
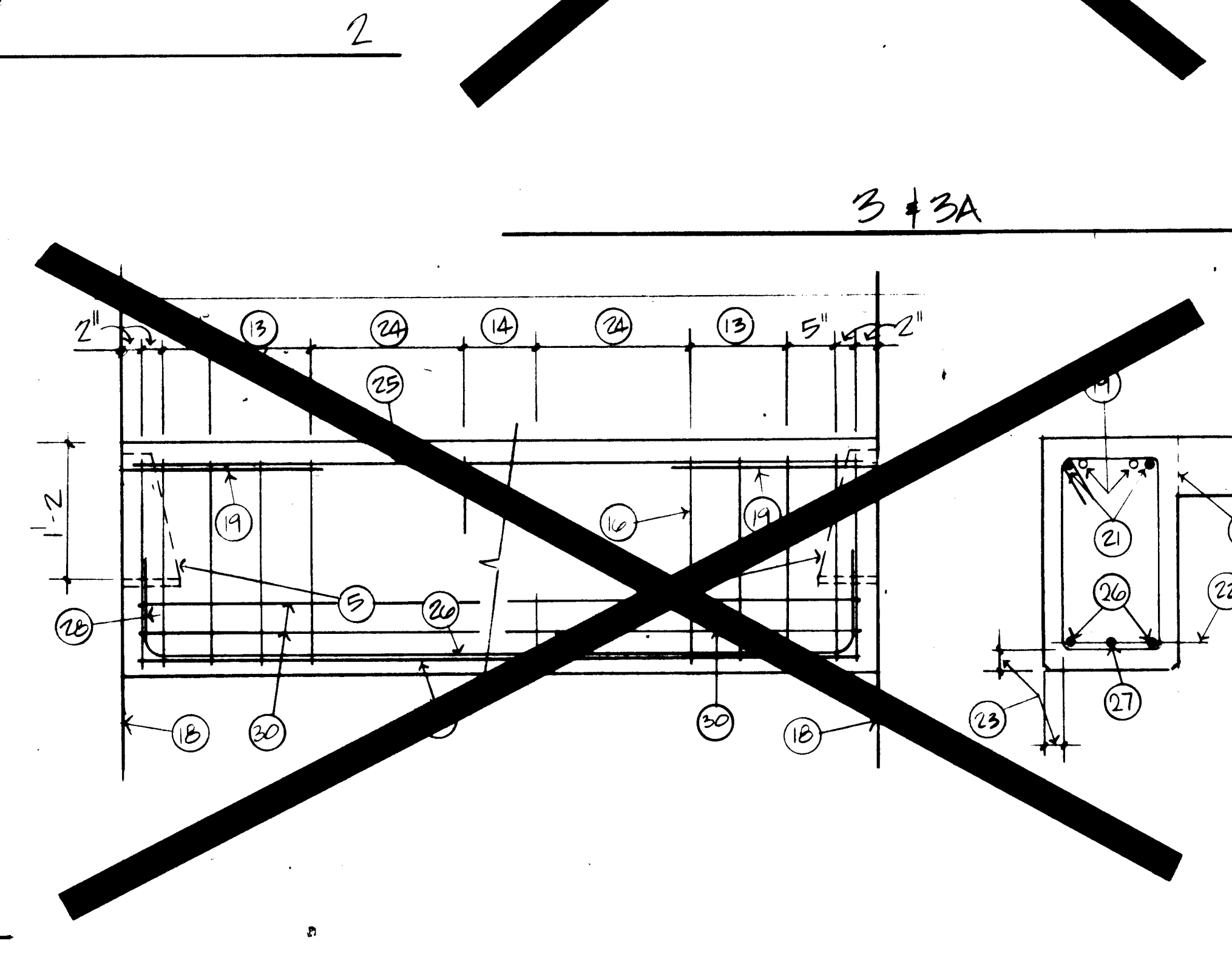
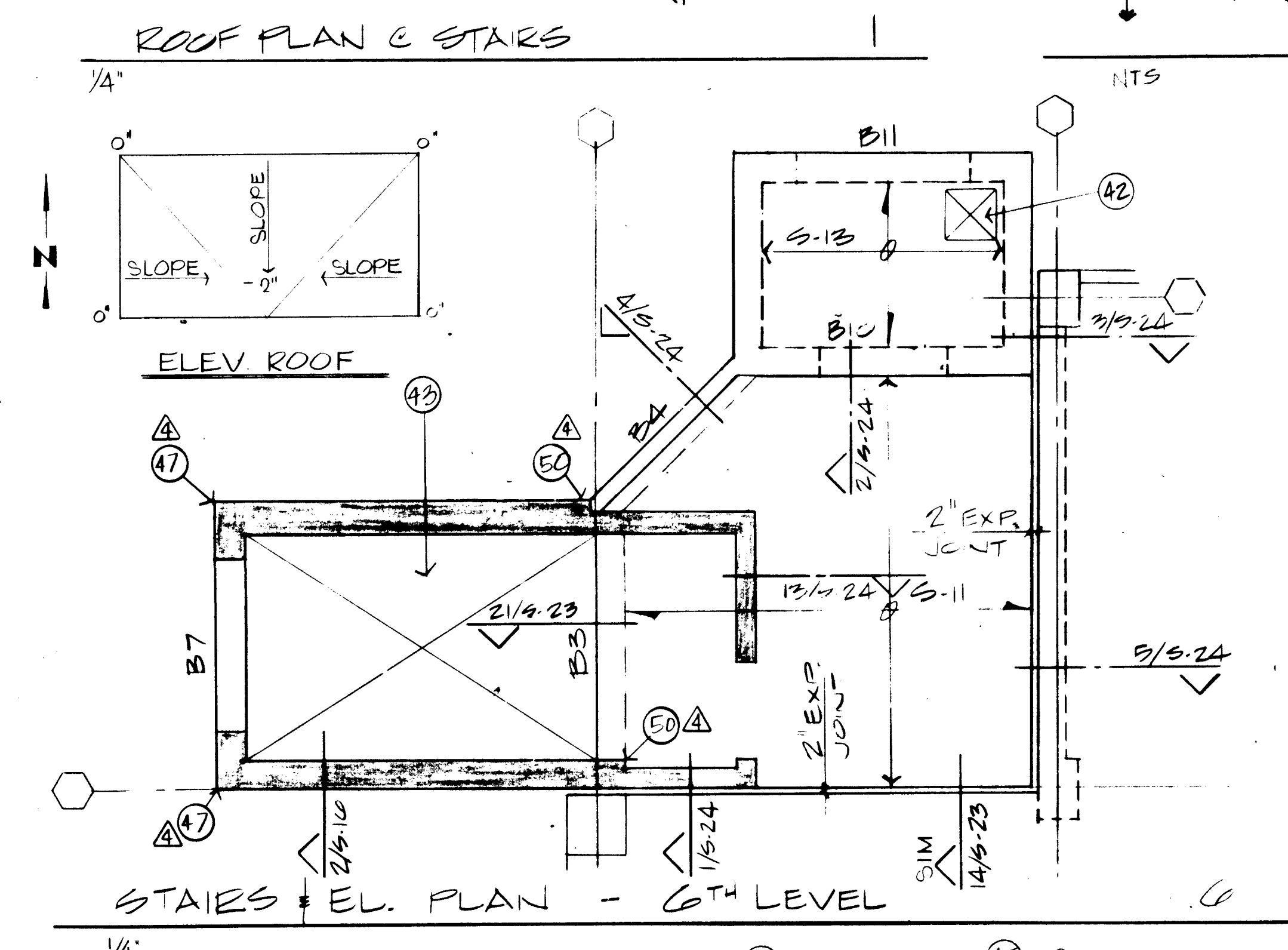
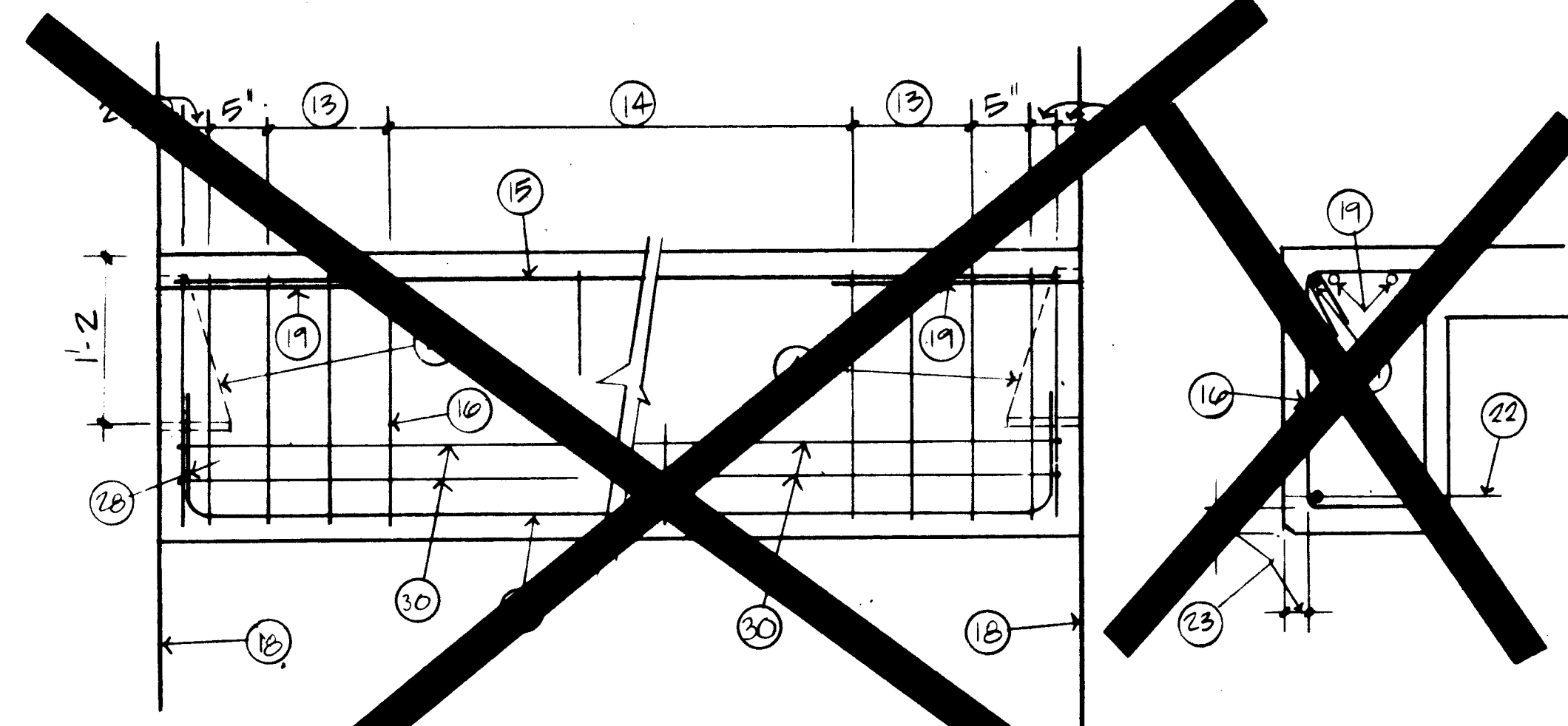
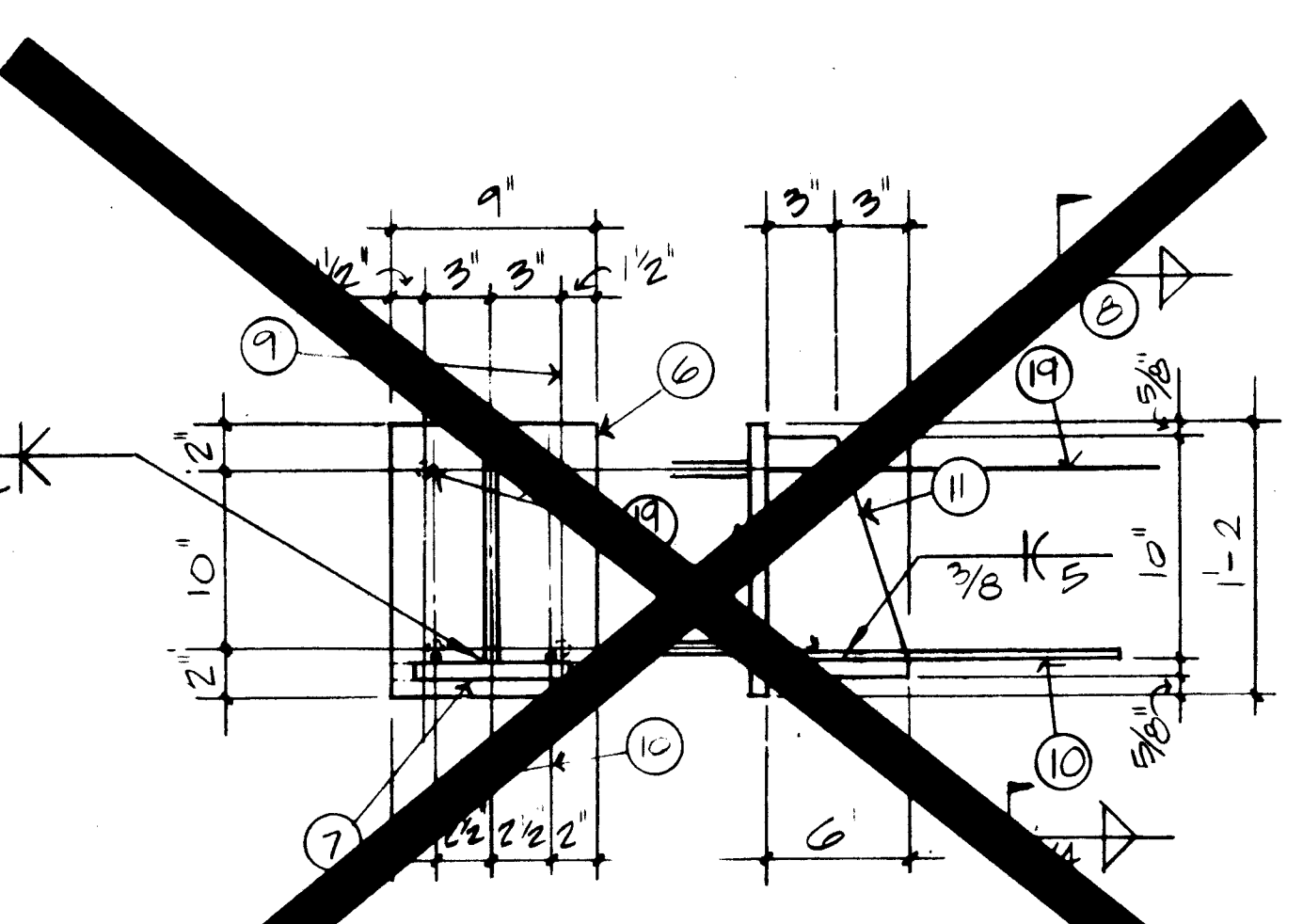
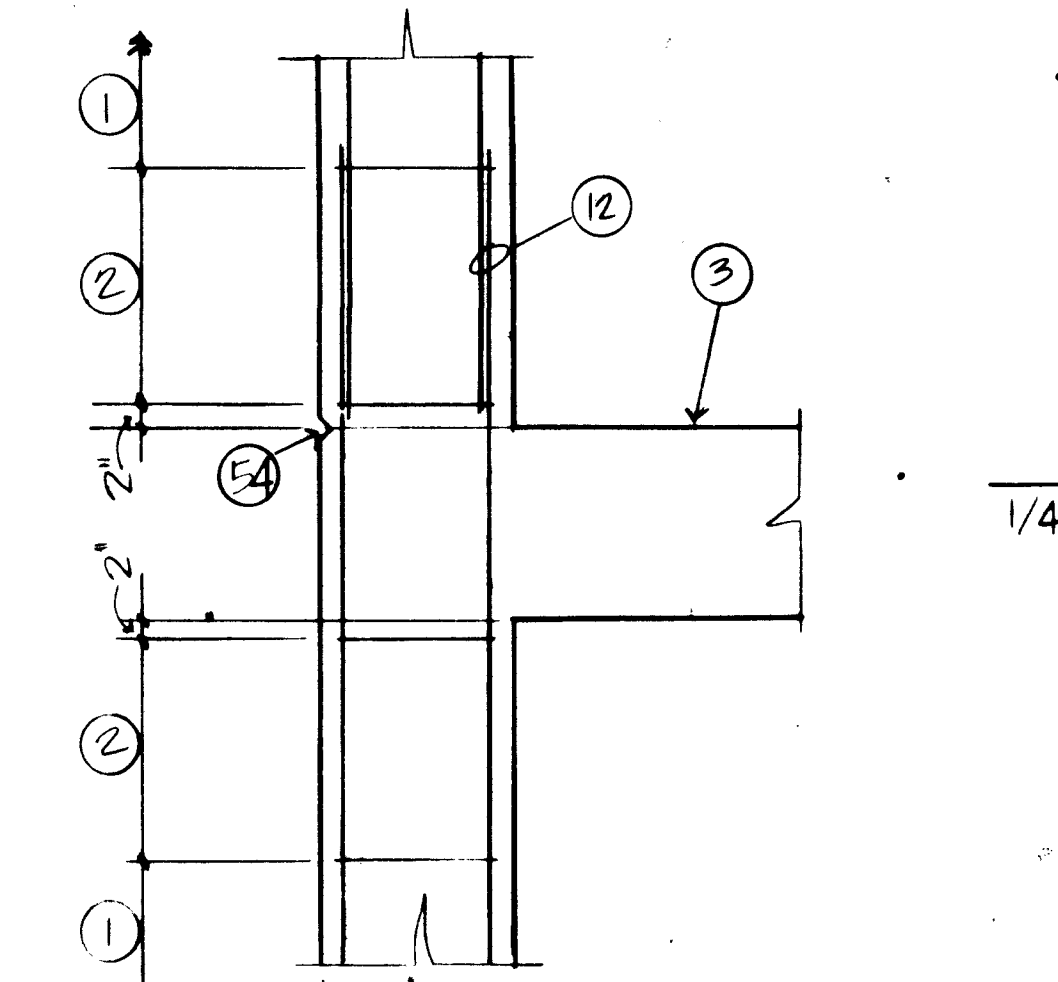
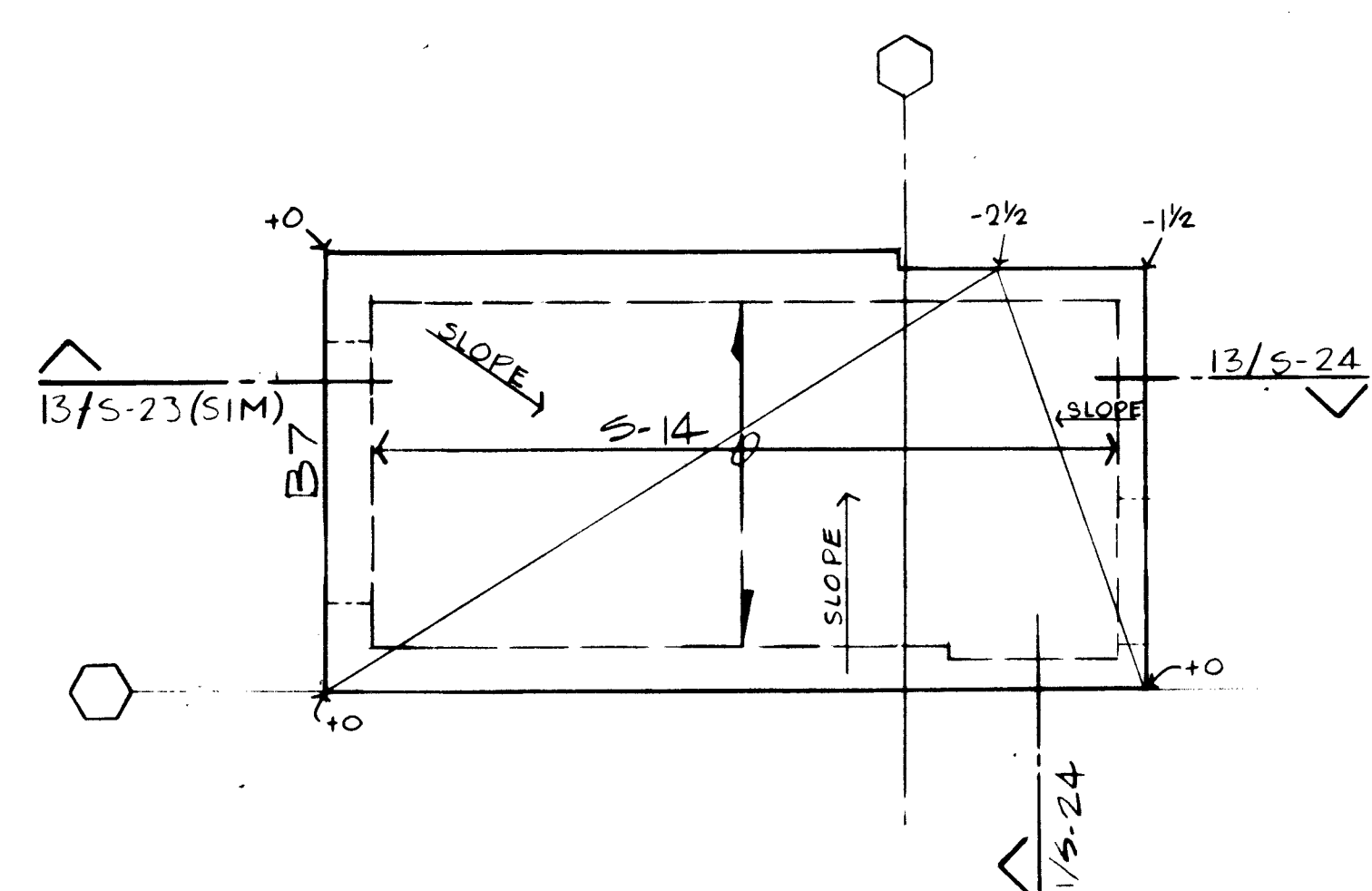
11/24/84 D.J.N.

COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO

fab

TCP DW S13



- NOTES:
- #3 TIES AT 12" O/C
 - SEVER #3 TIES AT 4" O/C
 - C.I.P. BEAM
 - SEE DET. 3 THIS SHT.
 - SEE DET. 3A THIS SHT.
 - PL 3/4" X 9" X 1'-2" AT 3
 - PL 3/4" X 6" X 0'-7" AT 3
 - PL 3/4" X 6" X 0'-9" AT 3A
 - 1/4" AT 3
 - 5/16" AT 3A
 - TWO 3/4" X 8" X 0'-5" (4 TOTAL)
 - 4" X 8"
 - PG 1/2" X 6" X 0'-10"
 - CLASS "C" LAP
 - TWO SPACES AT 5"
 - REMAINDER AT 16" O/C
 - TWO #5
 - #3 STIRRUPS
 - TWO #7
 - FACE OF PRECAST COL.
 - 5" X 1'-6"
 - OMIT
 - TOP BARS
 - BOT. BARS
 - 1-1/2" CLR. - TYP
 - TEN SPACES AT 10"
 - TWO #6
 - TWO #8
 - #8
 - STD. 90 DEGREE HOOK.
 - FACE OF BEAM AT B2A
 - 1'-5" X 8"
 - NORTH STAIR WALL
 - OMITTED
 - 1" MAX.
 - 1'-4-1/2" BLOCKOUT
 - STAIRWALL/ELEVATOR WALL
 - STIRRUP SPACING. SEE SCHED. BELOW
 - TOP BARS. SEE SCHED. BELOW
 - BOT. BARS. SEE SCHED. BELOW
 - STIRRUPS. SEE SCHED. BELOW
 - #4 AT 12" O/C EACH FACE
 - STIRRUPS AT 6" O/C
 - 1'-9" SQ. OPG. SEE ARCH. DWGS. FOR COVER
 - STEEL STAIRS. SEE ARCH. DWGS.
 - ELEVATOR SHAFT
 - TEN #7 VERT. 1ST TO 2ND LEVEL
 - TEN #6 VERT. 2ND TO ELEVATOR ROOF. TIES SEE DET. 2 THIS SHT.
 - FOURTEEN #6 VERT. TYP. - TIES SEE DET. 2 THIS SHT.
 - EIGHT #6 VERT. TYP. - TIES SEE DET. 2 THIS SHT.
 - TWO #5 VERT.
 - TWO #4 X 8'-0" CTR. IN SLAB.
 - FOUR #6 VERT. TIES SEE DET 2 THIS SHT.
 - 12" CONC. WALL W/ #4 AT 12" HOR. EA. FACE AND #4 AT 12" VERT. EA. FACE.
 - PRECAST PANEL.
 - ALL VERTICAL REINF. TO ORIGINATE WITH DOWELS OUT OF FILE CAP. SEE DETAIL 2B/S-19.

These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect.

1/1/14 DWTN.

DATE	BY	REVISIONS
8/23/02	ASB/LLS	
7/19/02	MEC	REVISIONS
6/24/02	N/A	
6/10/02	N/A	
5/21/02	N/A	



COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE, N.W. ALBUQUERQUE, NEW MEXICO

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CAST-IN-PLACE BEAMS

TCP DW S16

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MARK	SIZE	TOP BARS	BOT. BARS	STIRRUPS
B6	12x24	2#6	2#6	#3 C/C
B7	12x24	2#6	2#6	#3 C/C
B8	12x30	2#7	2#7	#3 C/C
B9	12x24	2#7	2#7	#3 C/C

*VERIFY CLEARANCE W/ ELEV. MANUF

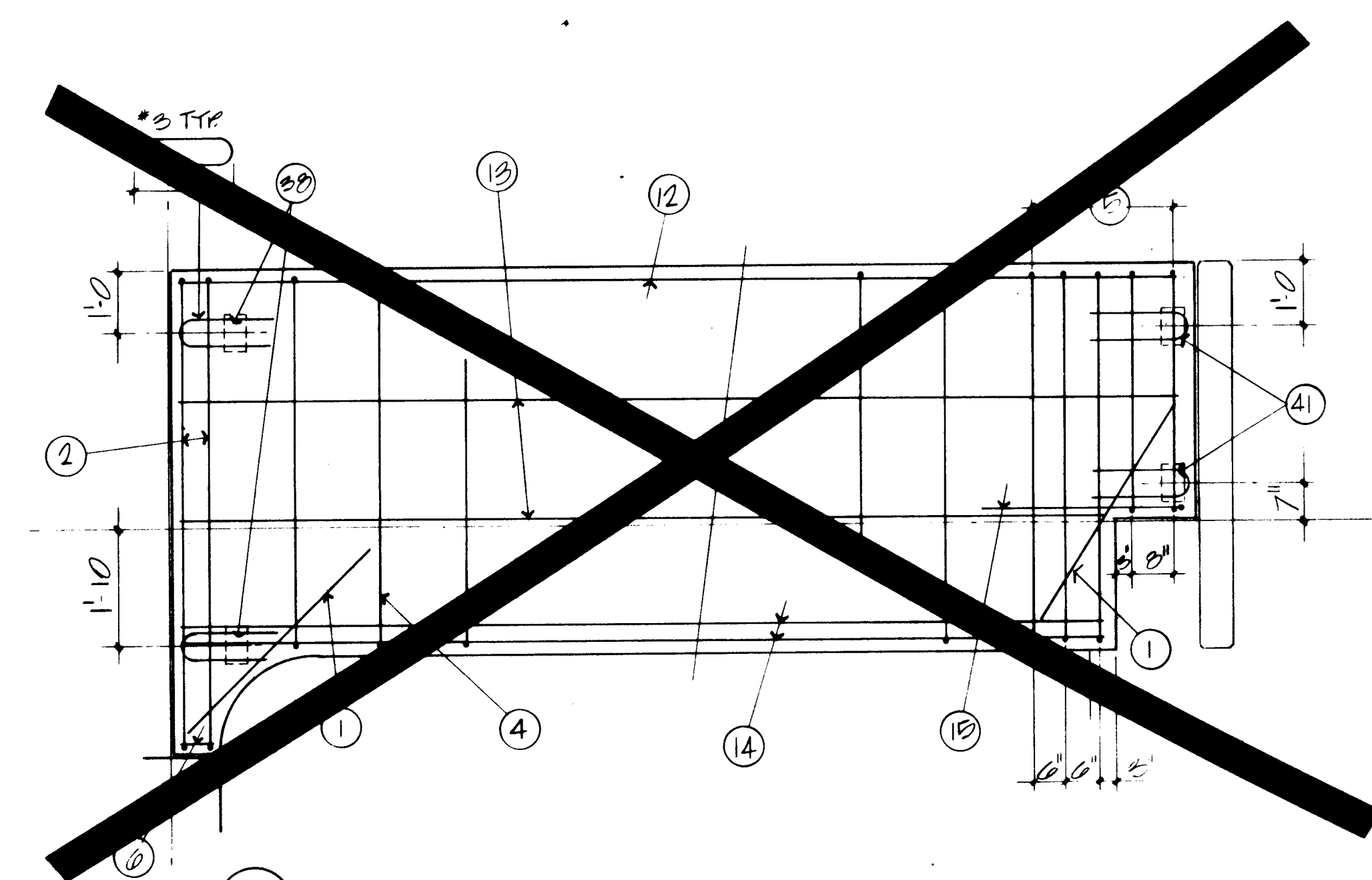
B6, B7, B8 + B9

C.I.P. CONCRETE BEAMS

Δ (SEE DETAIL 2/S-24) → B10 (12x24) VERIFY W/ ELEV. MANUF

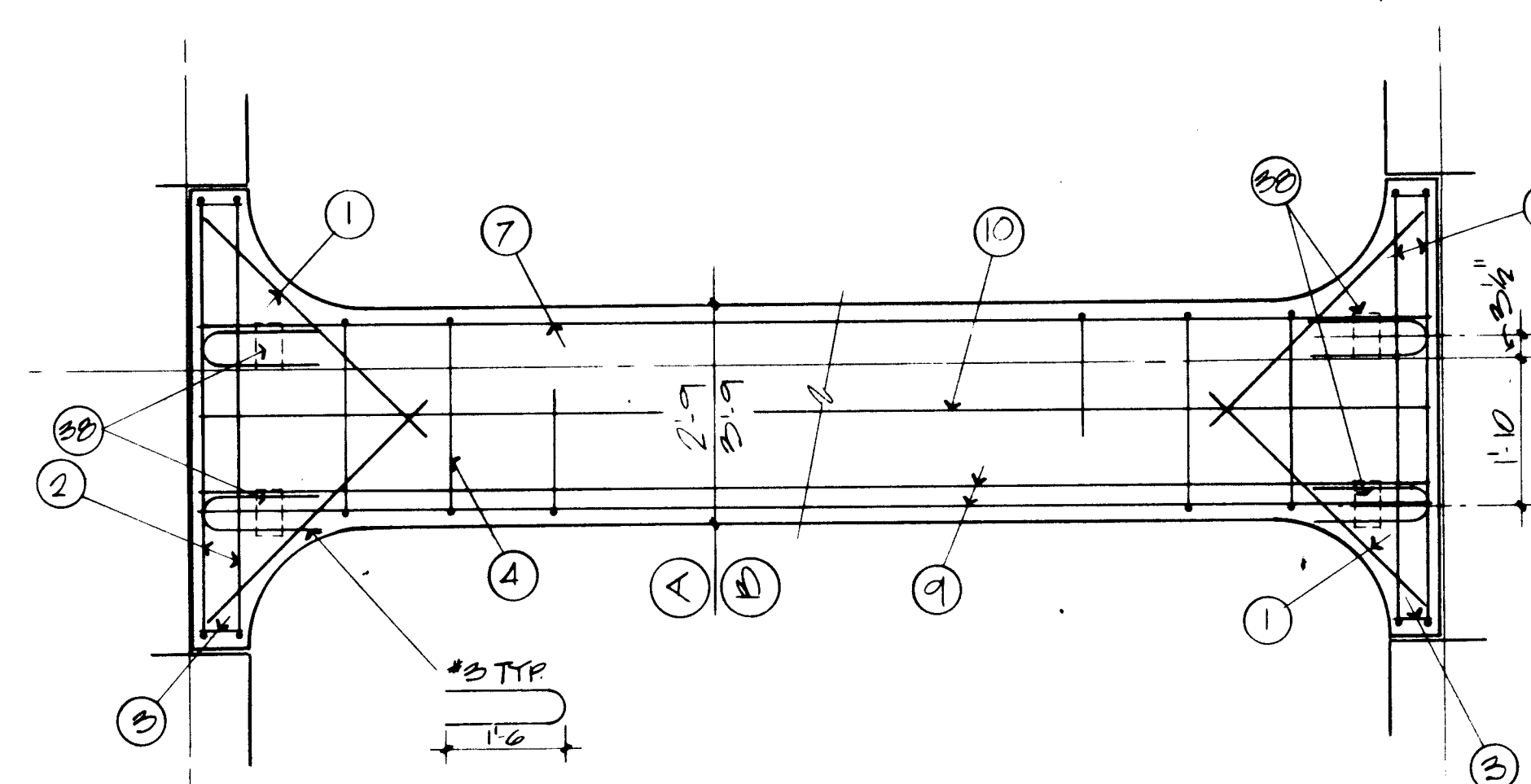
B11 (12x24)

Δ B12 (12x24) SEE 2/S-23 FOR DEPTH



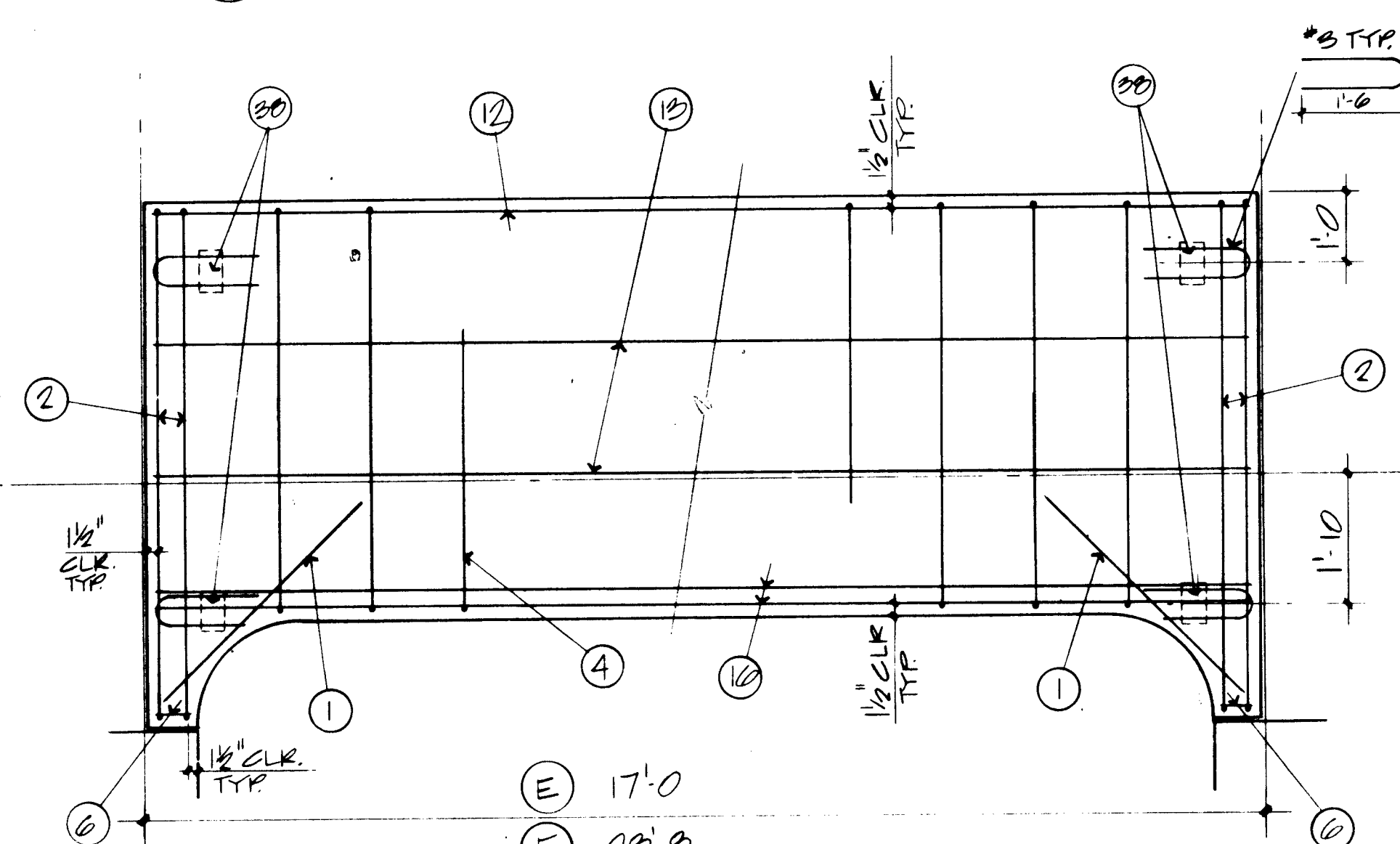
① FASCIA PANEL BETWEEN D-16 & D-17
TYPICAL PRECAST PANEL REINFORCING

SEE ARCHITECTURAL DRAWINGS FOR PANEL DIMENSIONS

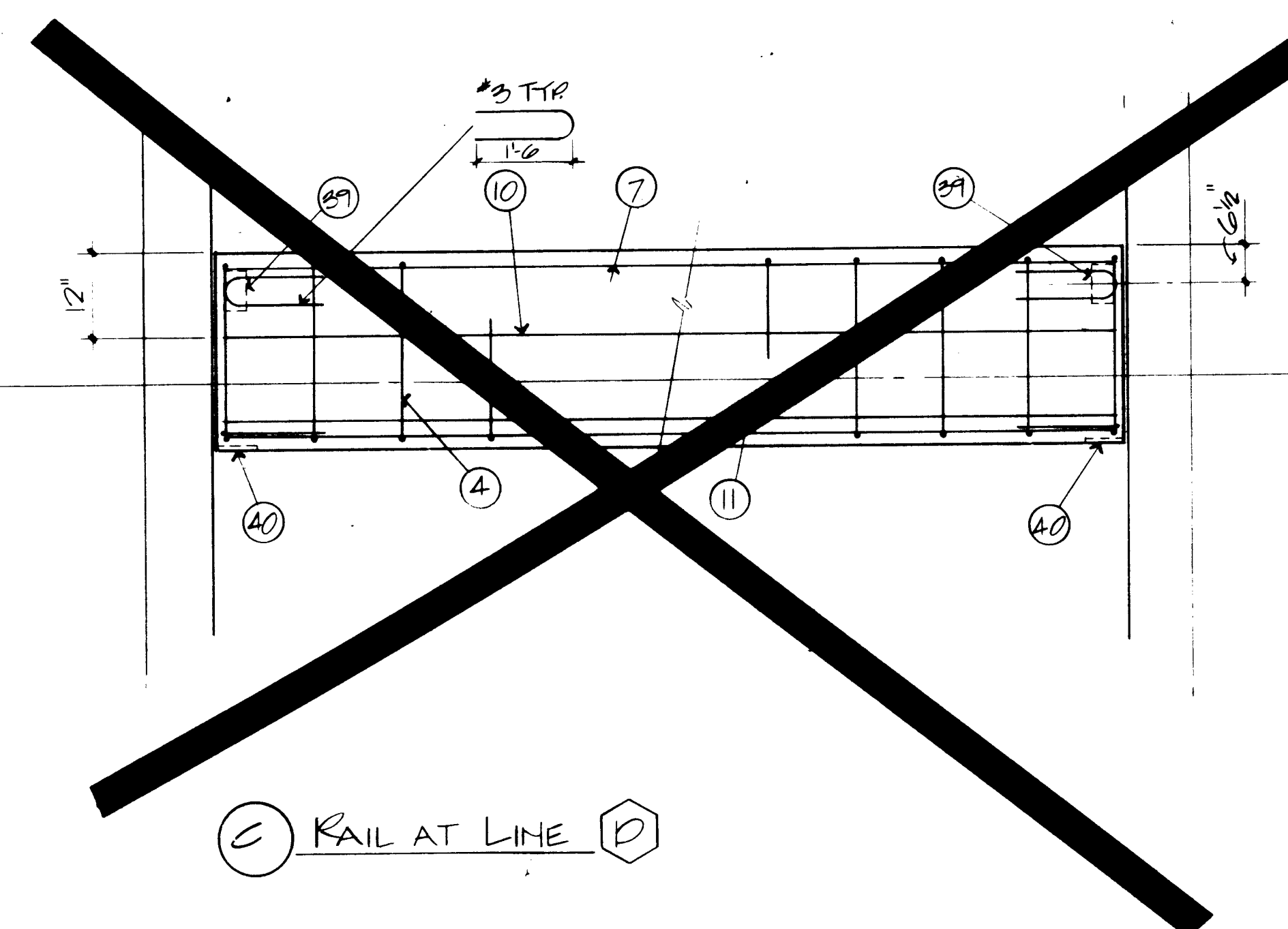


(A) TYPICAL EXTERIOR FASCIA PANEL

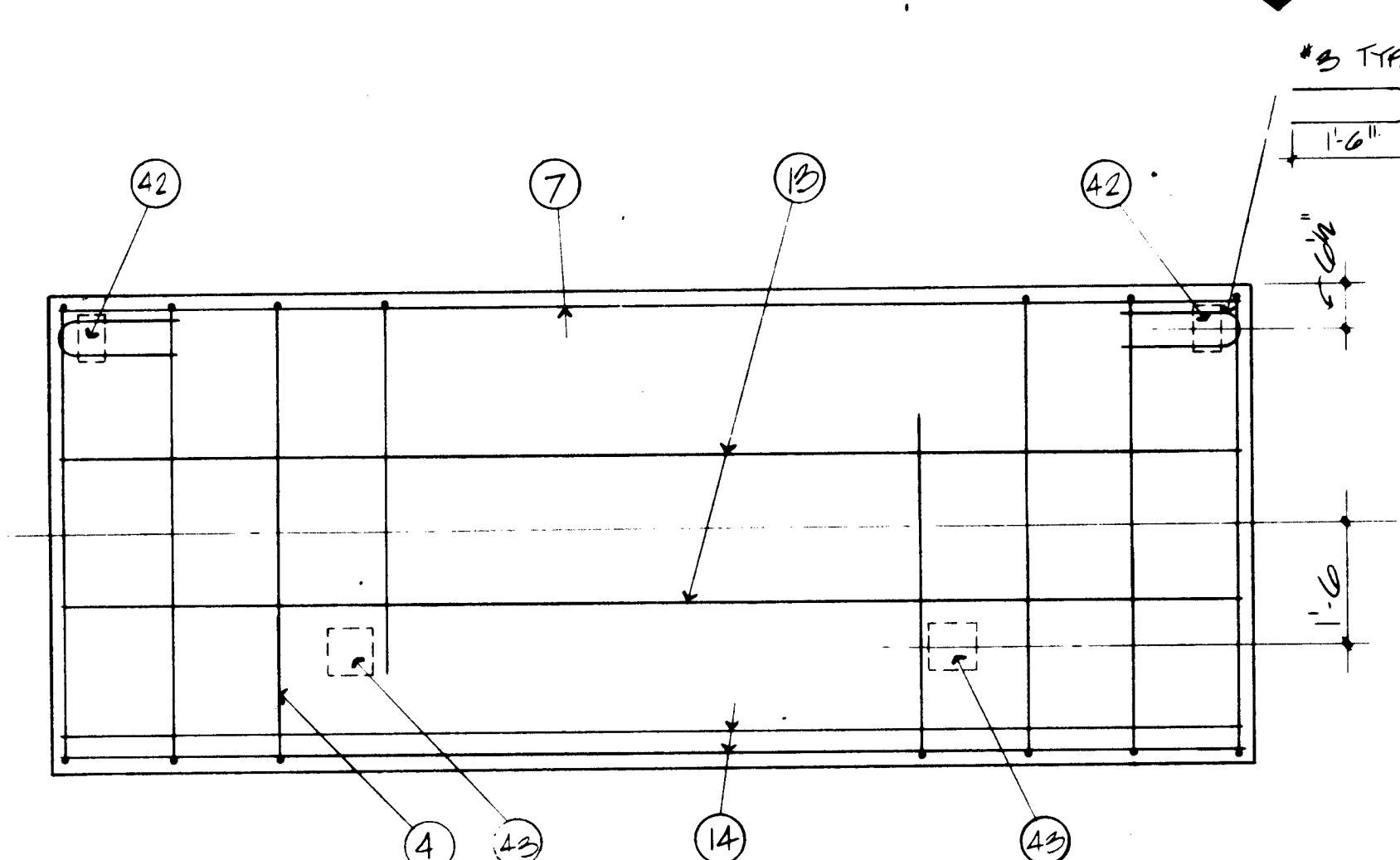
(B) TYPICAL EXTERIOR FASCIA PANEL AT 2ND FLOOR



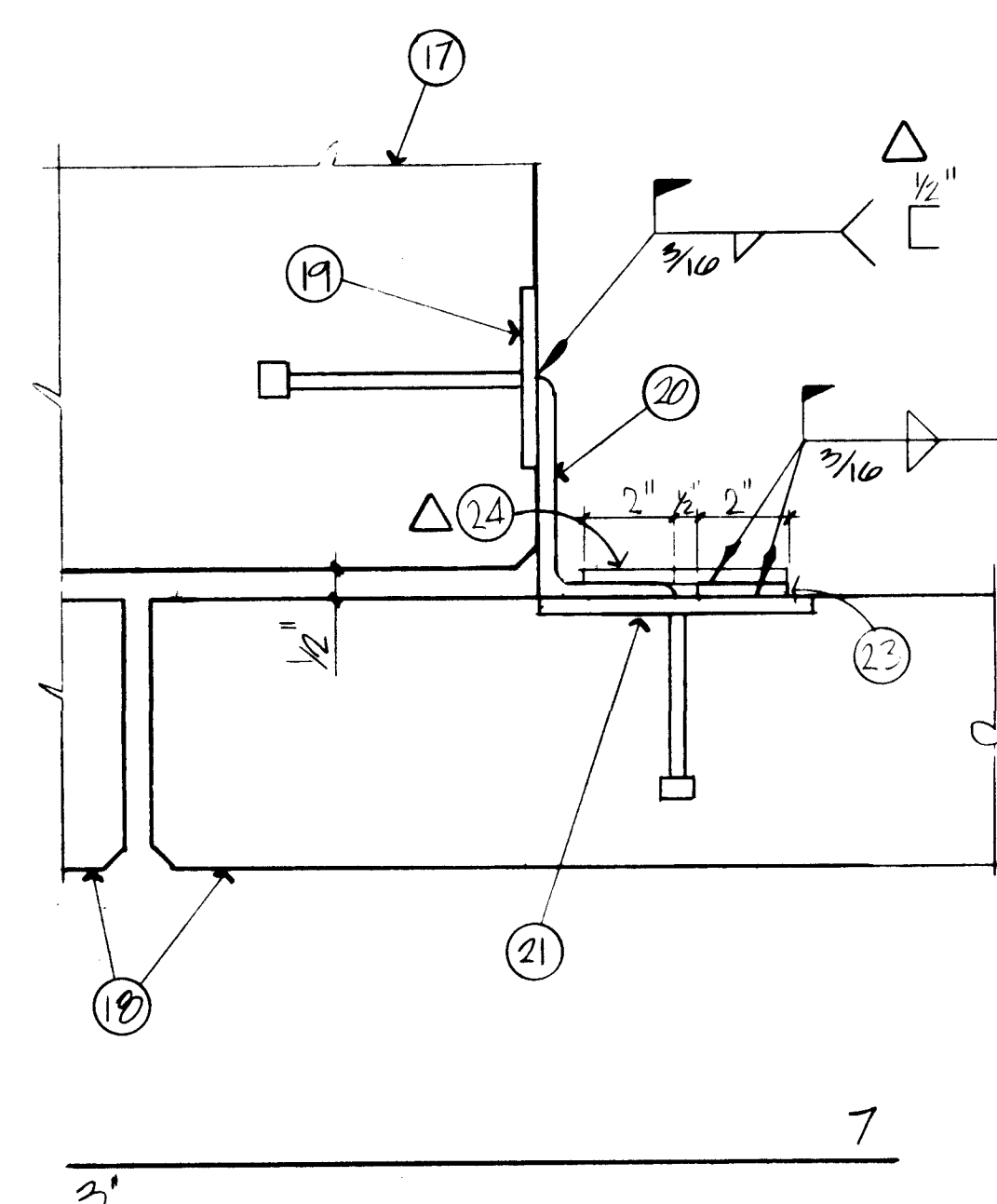
(E)(F) ^{(F) 28-8} TYPICAL FASCIA PANEL AT ROOF



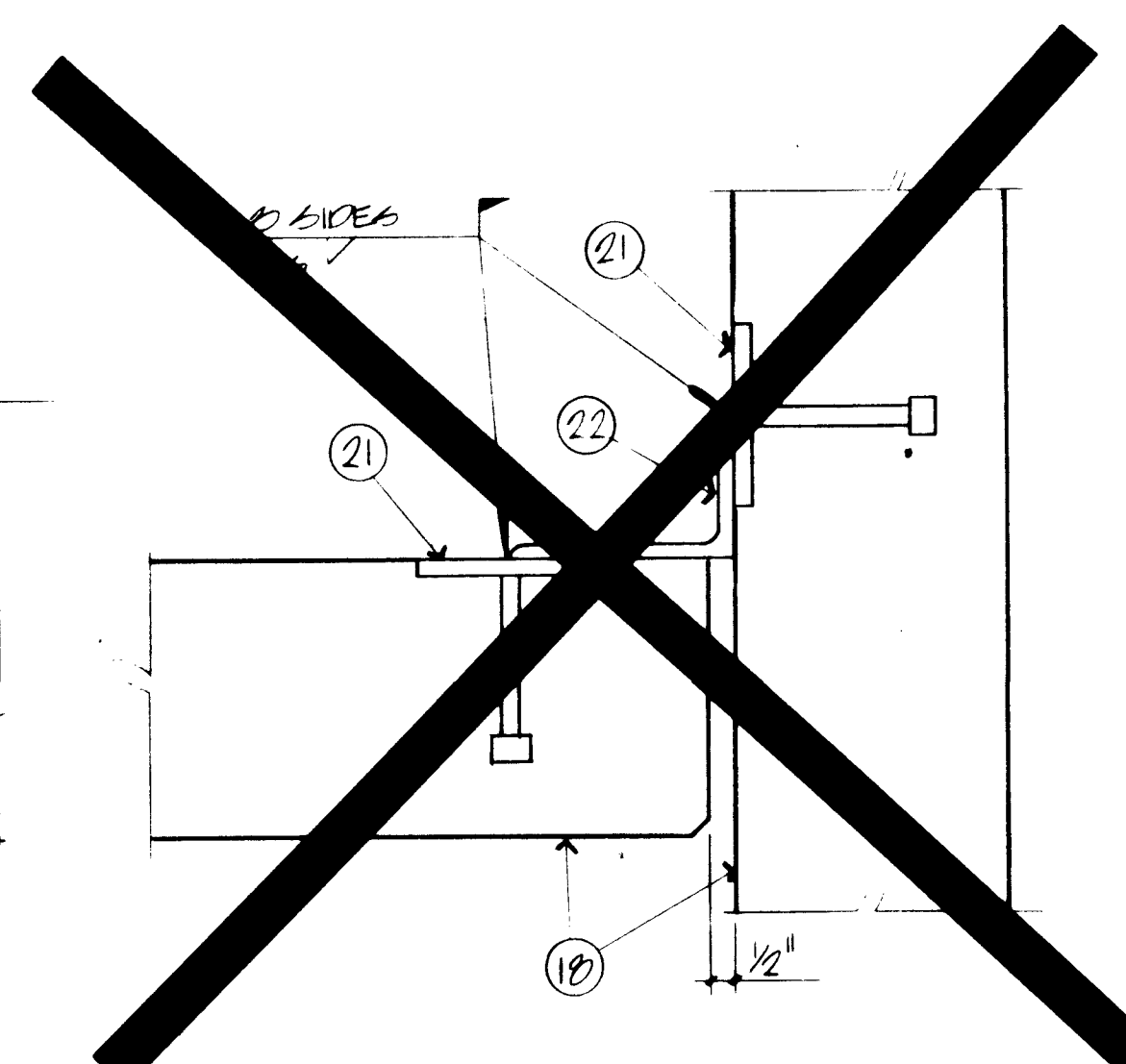
(C) RAIL AT LINE (D)



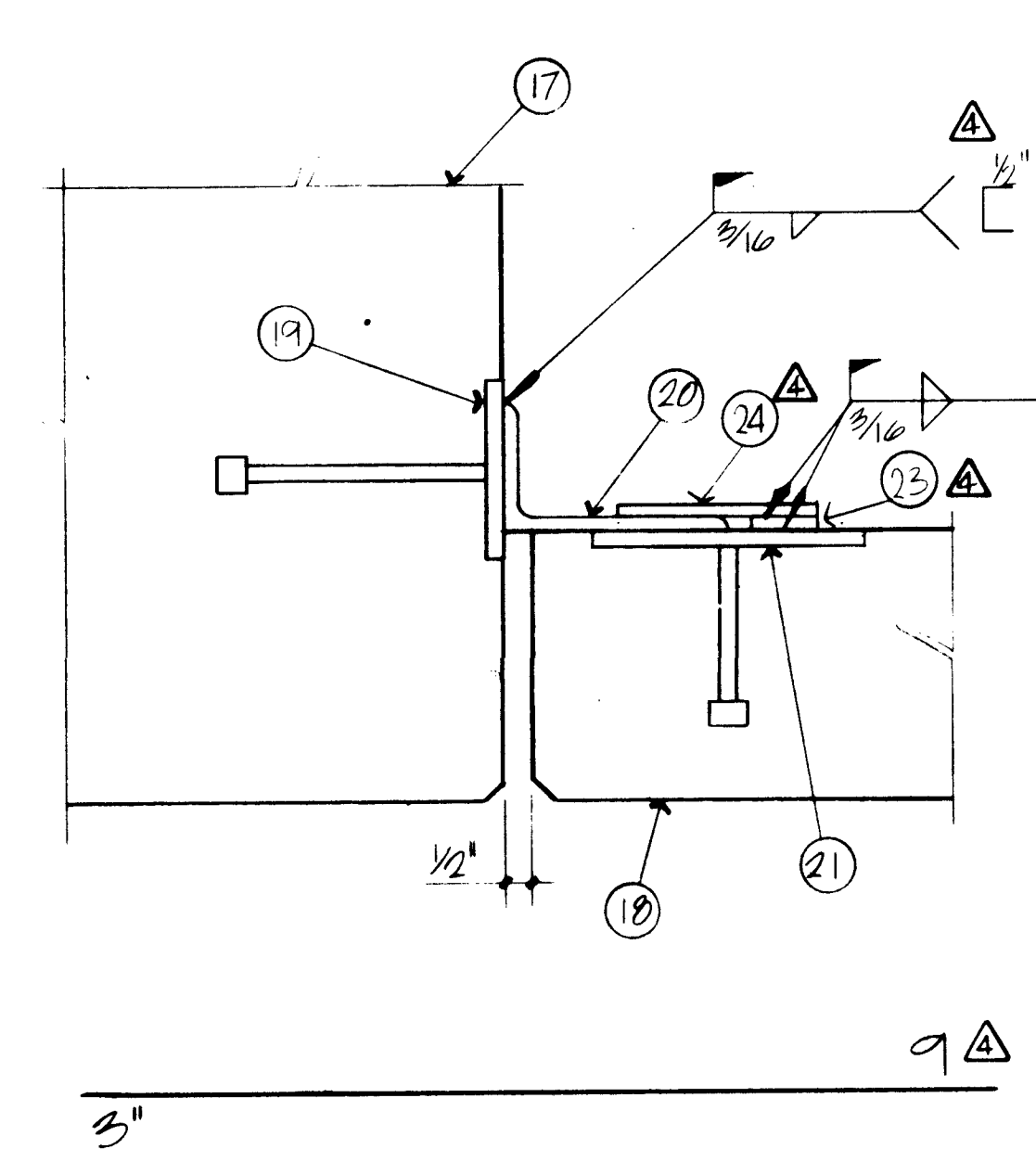
(G) FASCIA PANEL AT 2ND FLOOR OVER ENTRY



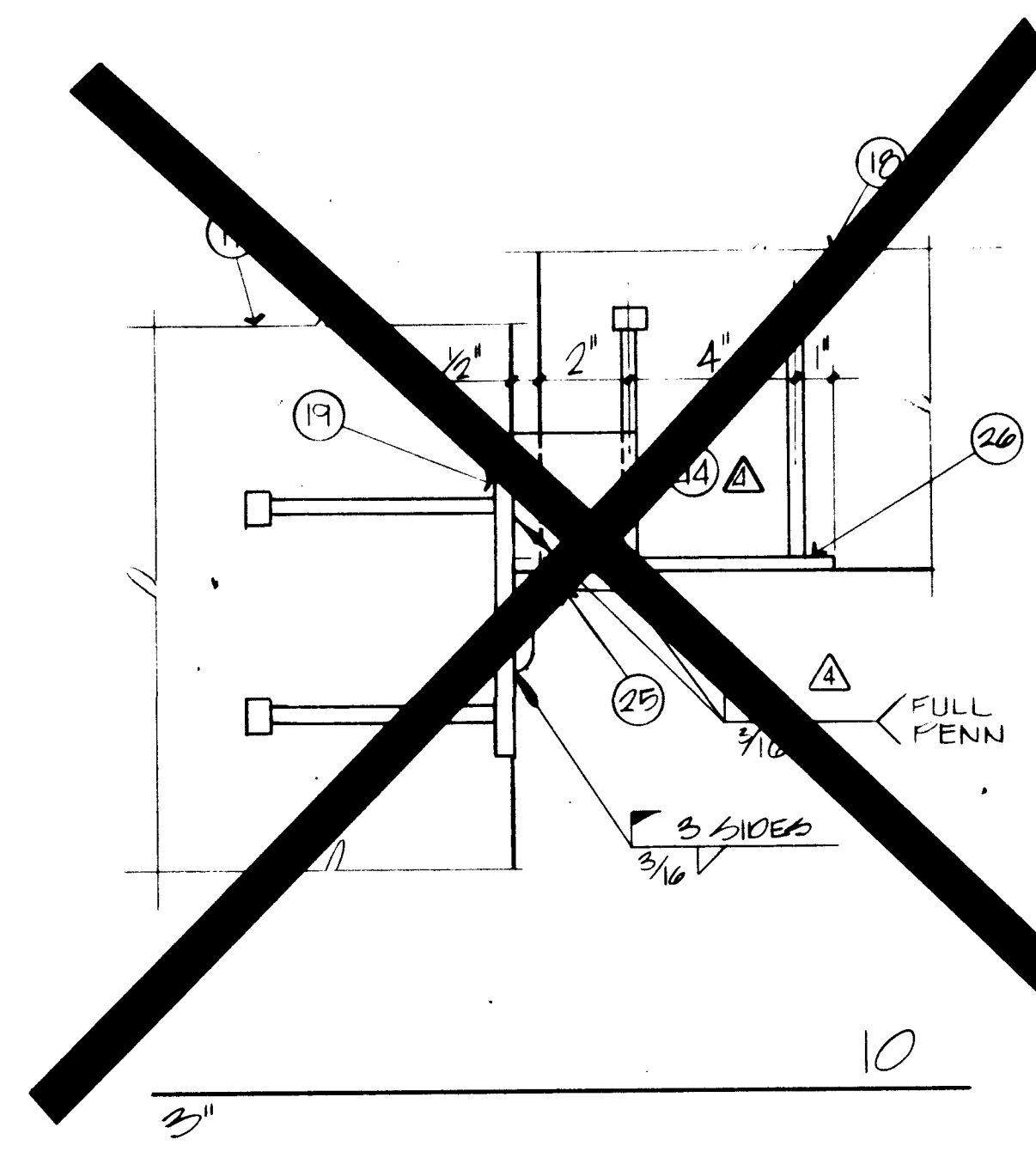
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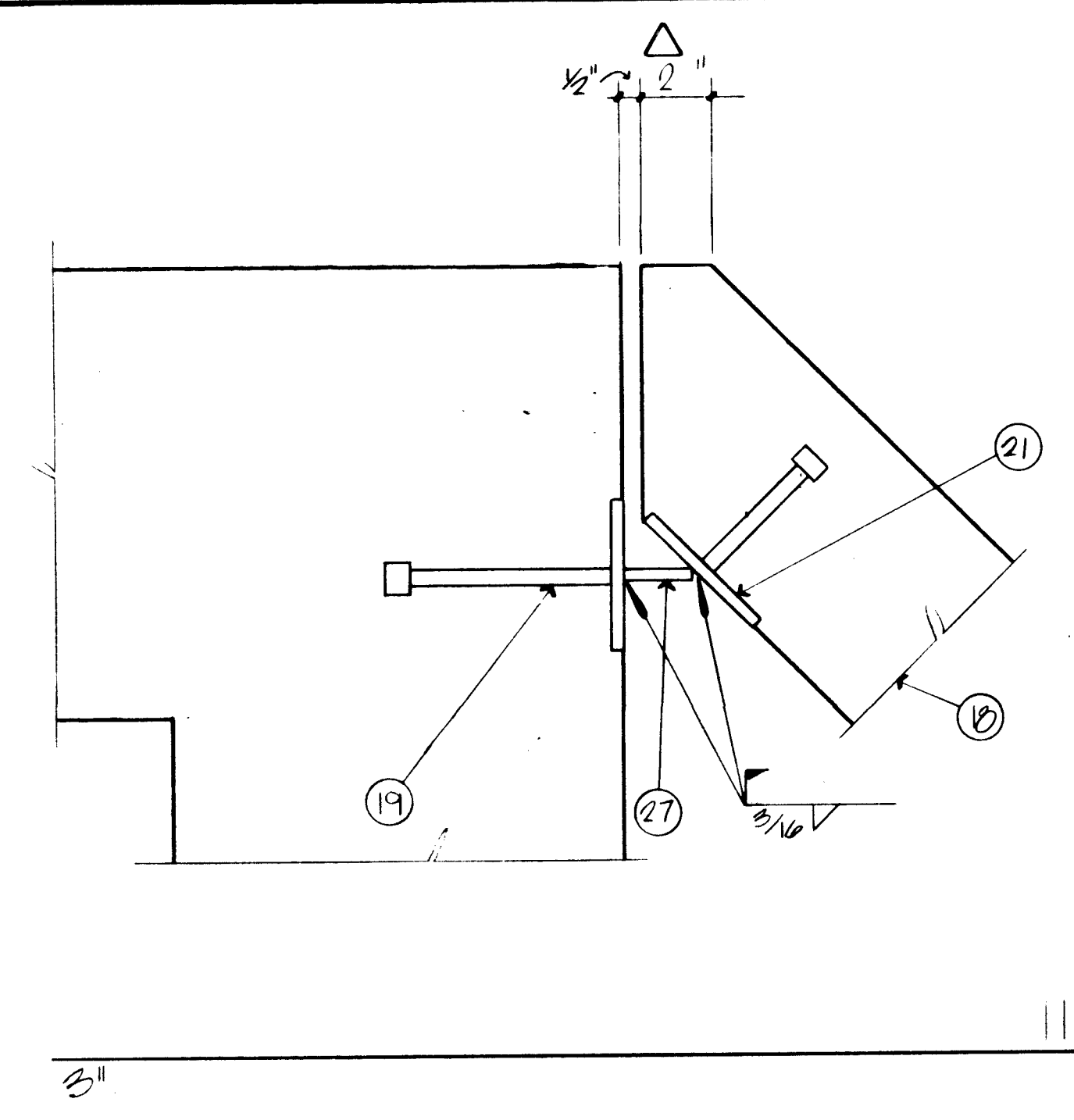
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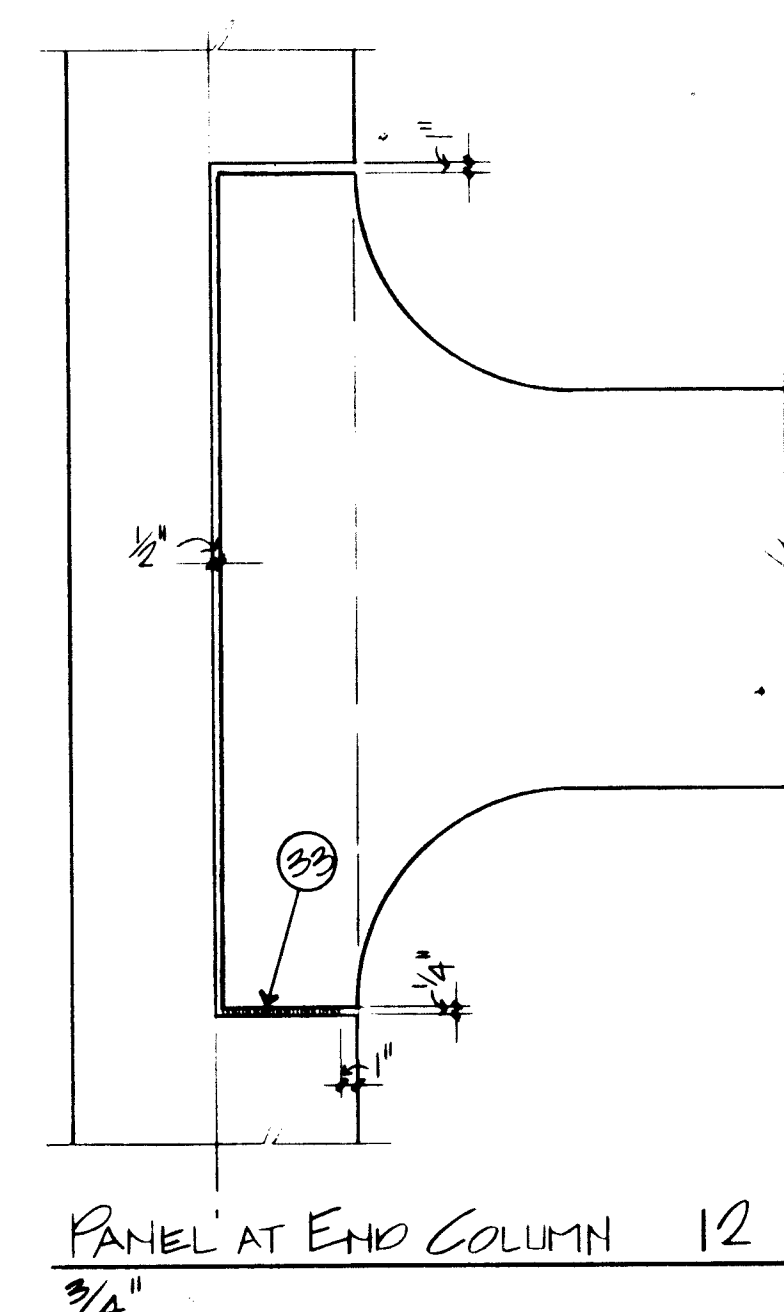


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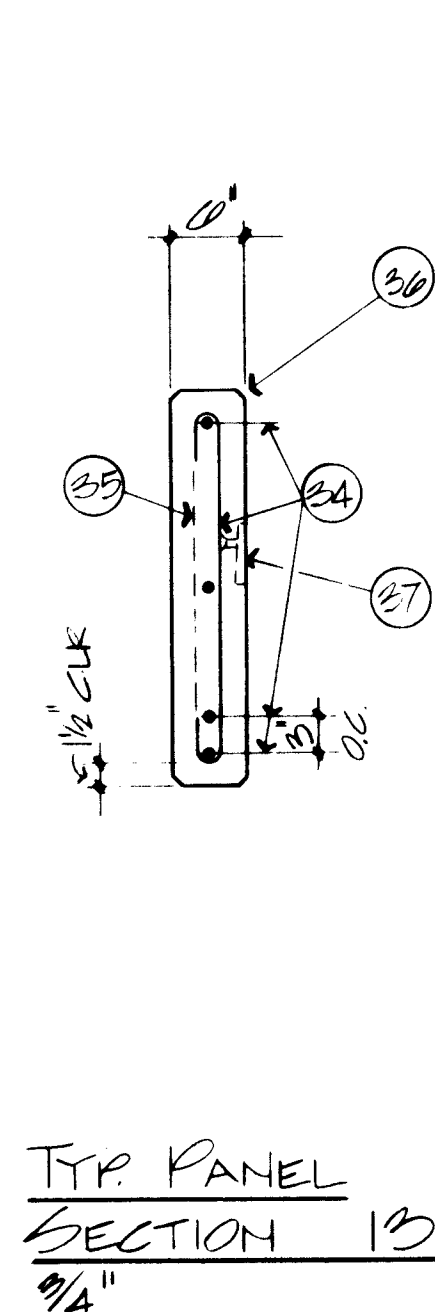


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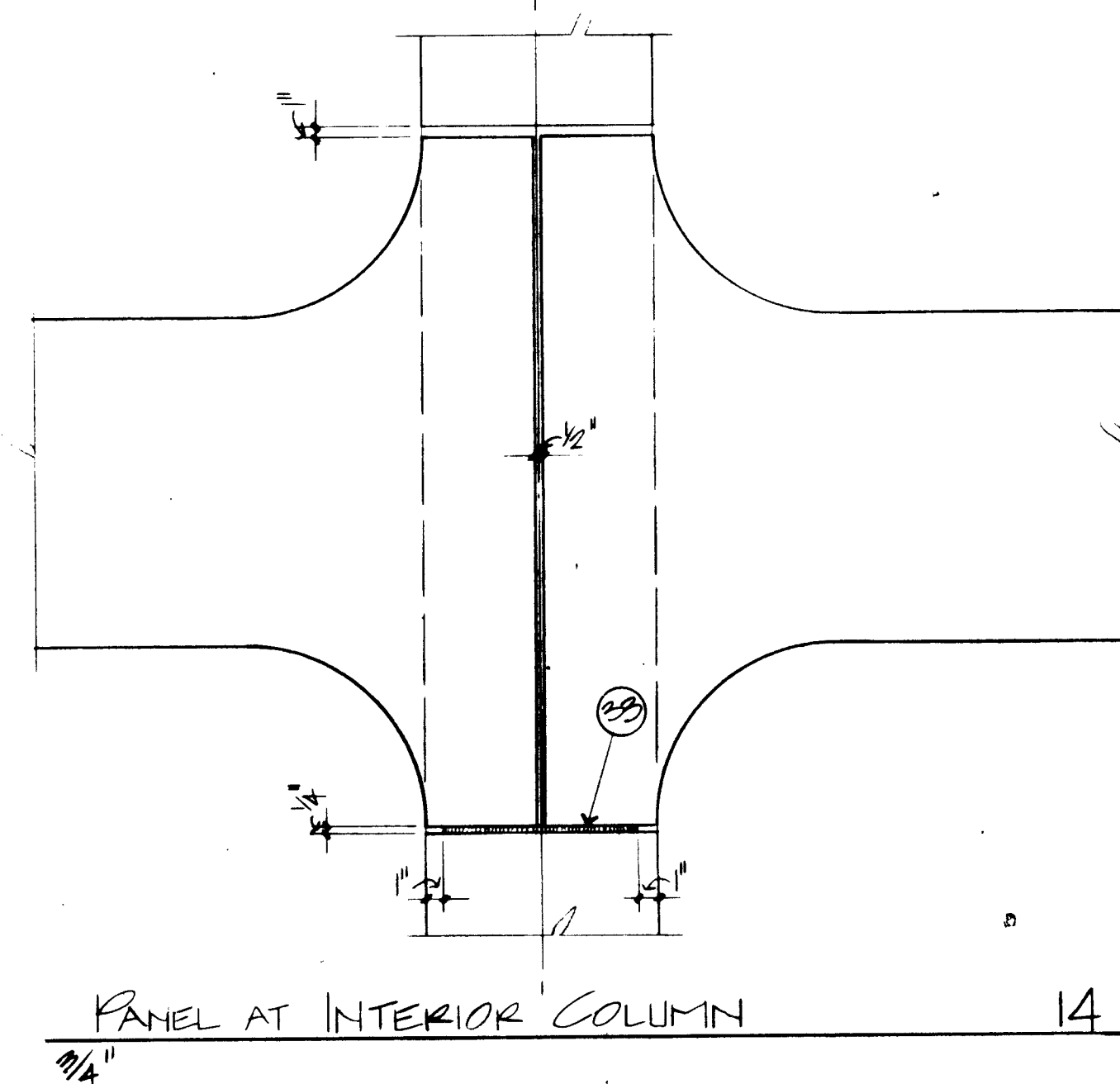




PANEL AT END COLUMN 12

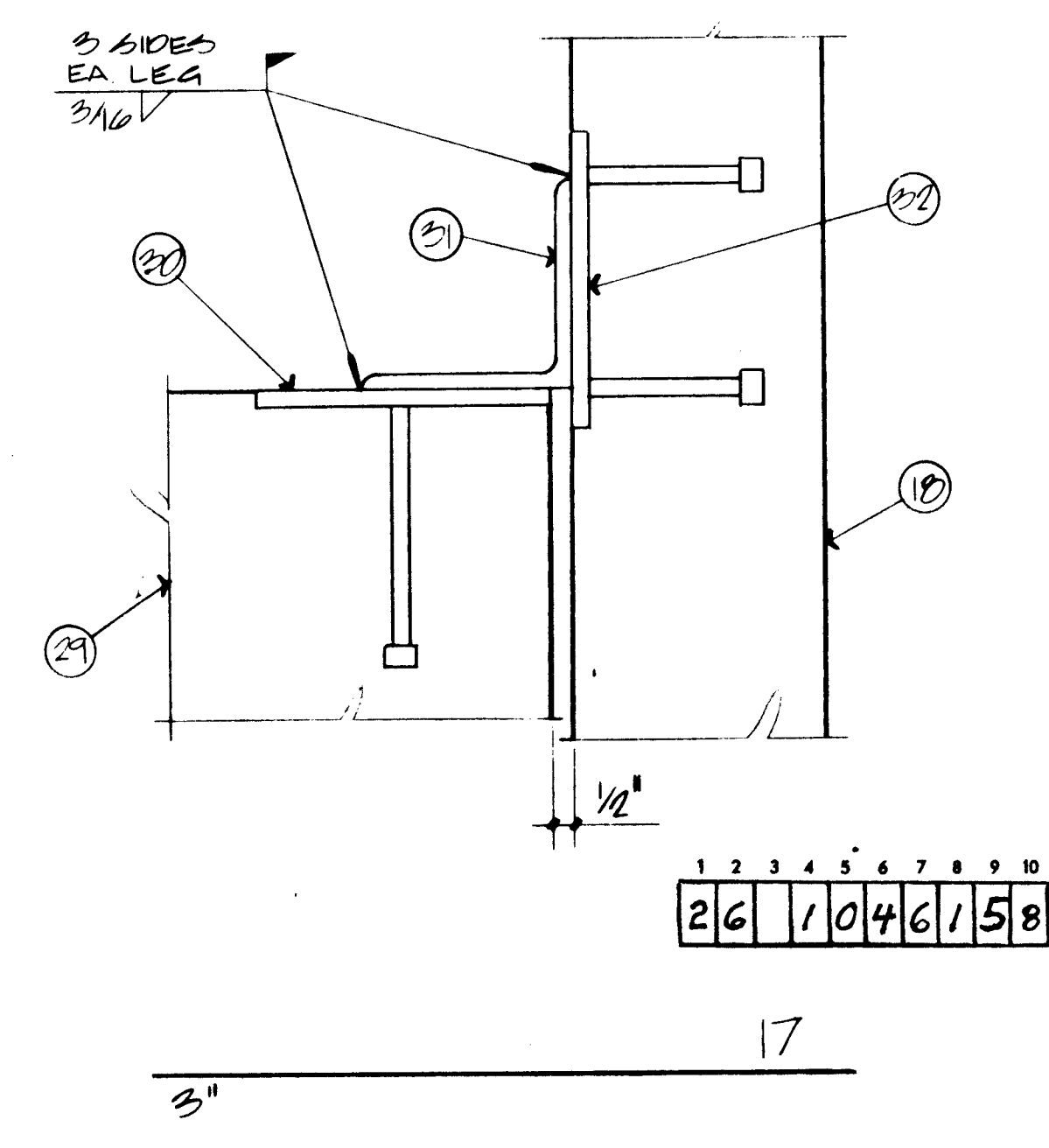


TYP. PANEL
SECTION 13
9/4"



PANEL AT INTERIOR COLUMN 14

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1	2	3	4	5	6	7	8	9	10
2	6		1	0	4	6	1	5	8

- NOTES:
1. #4 X 4'-0" DIAG.
 2. TWO #4 W/ STD. 180 DEGREE HOOK EA. END.
 3. TWO #4 BOTTOM
 4. #4  AT 16" O/C
 5. #4 
 6. #4 BOTTOM
 7. #4 TOP
 8. OMITTED
 9. TWO #4 AT A , TWO #5 AT B
 10. #4 MID HEIGHT
 11. TWO #4 BOTTOM
 12. #5 TOP
 13. #4 AT 1/3 POINTS
 14. TWO #5 BOTTOM
 15. #4 
 16. TWO #5 AT E , TWO #6 AT F
- CONC. COLUMN
- P.C. FRAME
17. PL 3/8" X 4" X 0'-7" W/ TWO 1/2" Ø X 0'-6" H.S.A. AT 5" O/C
 18. 1.5" X 3" X 1/4" X 0'-4"
 19. PL 3/8" X 6" X 0'-7" W/ TWO 1/2" Ø X 0'-4" H.S.A. AT 5" O/C
 20. 1.5" X 3" X 3/8" X 0'-4"
- △ 21. RE 1/4" X 2. X 0'-4
- △ 22. RE 1/4" X 3 X 0'-5
23. 1.5" X 3" X 2-1/2" X 3/8" X 0'-6" L.L.H
24. PL 1/4" X 4" X 0'-7" W/ TWO 1/2" Ø X 0'-6" H.S.A. AT 4" O/C
25. WELD BAR 3/8" X 1-1/2" X 0'-4"
26. DELETED.
27. C.T.P. BEAM
28. PL 3/8" X 7" X 0'-7" W/ TWO 1/2" Ø X 0'-6" H.S.A. AT 5" O/C
29. 1.5" X 5" X 3/8" X 0'-4"
30. PL 3/8" X 8" X 0'-7" W/ TWO 5/8" Ø X 0'-4" H.S.A. AT 5" O/C
31. 1/4" X 4" NEOPRENE BRG. PAD.
32. REINFORCING SEE 6/8-17.
33. ALTERNATE DIRECTION OF 180 DEGREES HK EA. TIE
34. 1/2" CHAMFER TYP.
35. KEY AND INSERTS SEE FRAMING DETAILS TYP.
36. SEE PLAN 7/8-17
37. SEE PLAN 9/8-17
38. SEE ELEVATION 10/8-17
39. SEE PLAN 9/5-17
40. SEE PLAN 11/5-17
41. SEE ELEVATION 17/8-17
- △ 42. KEPPER BAR 1/4" X 5" X 0'-3 EA. SIDE OF RAIL

	8/23/08	AS BUILTS	
A	7/19/82	MISC REVISIONS	
A	6/24/87	N/A	
A	6/18/82	N/A	
A	5/21/82	N/A	
		DEVISIONS	

"These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect."

11/24/74 Donn



COPPER AVENUE PARKING
STRUCTURE

400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO

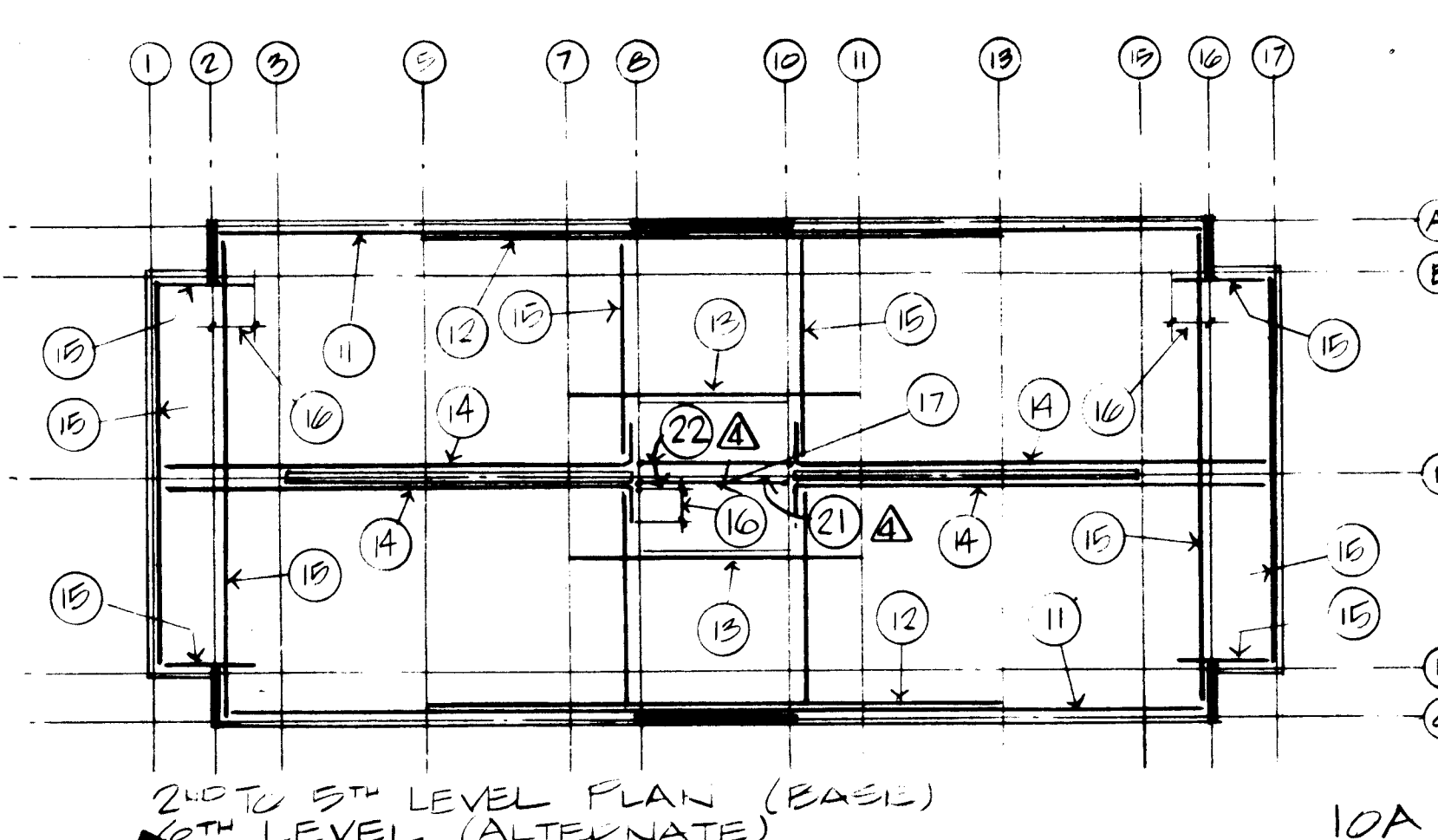
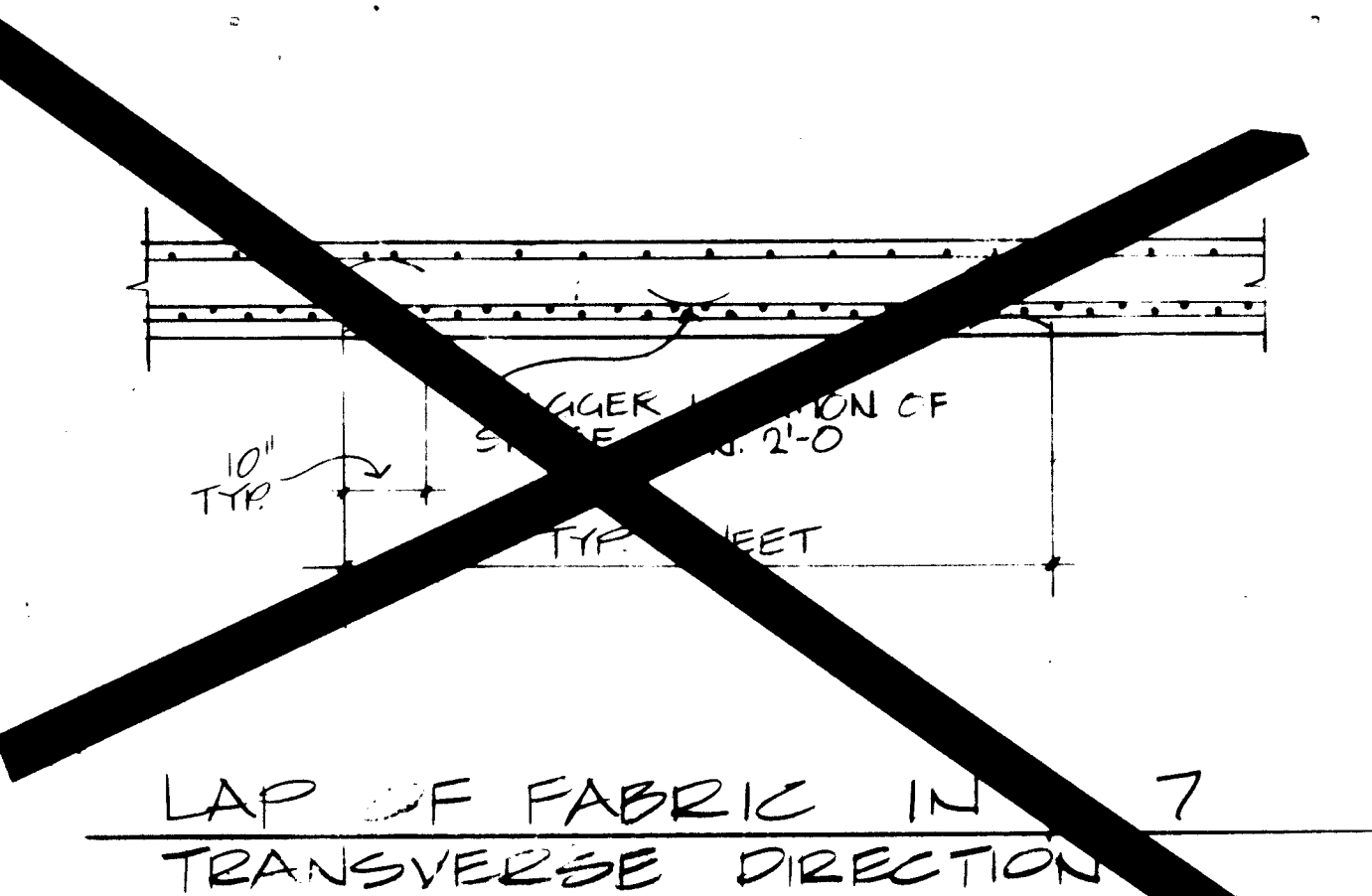
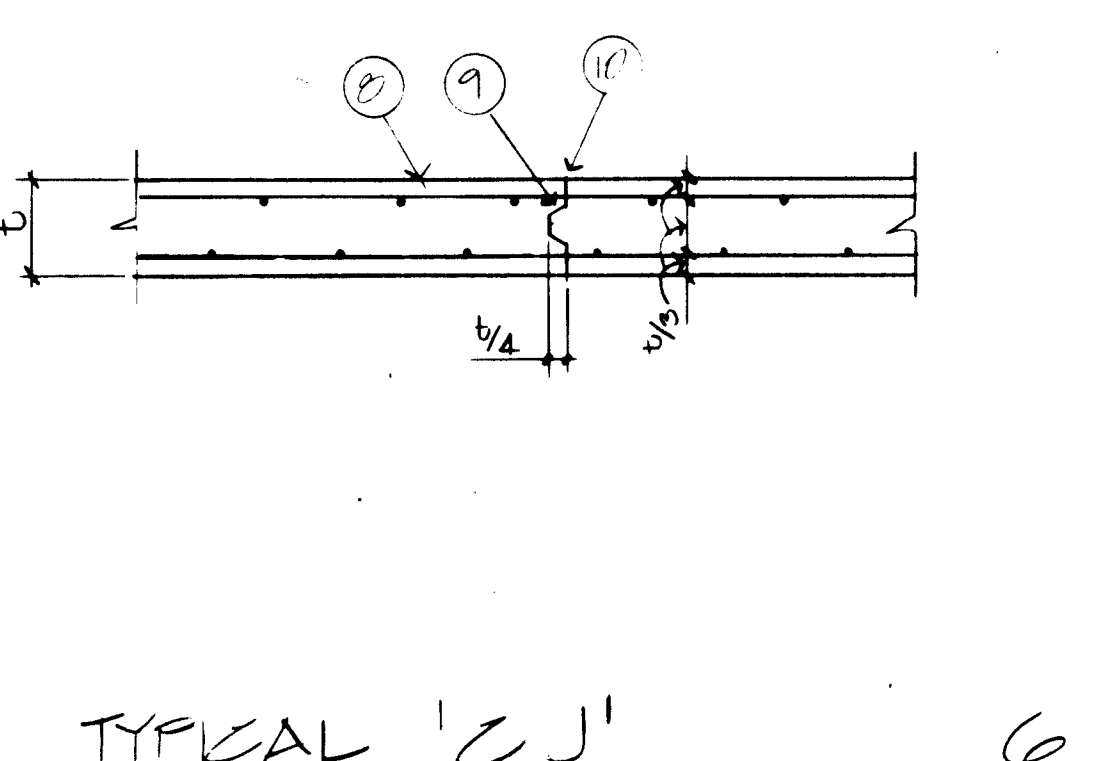
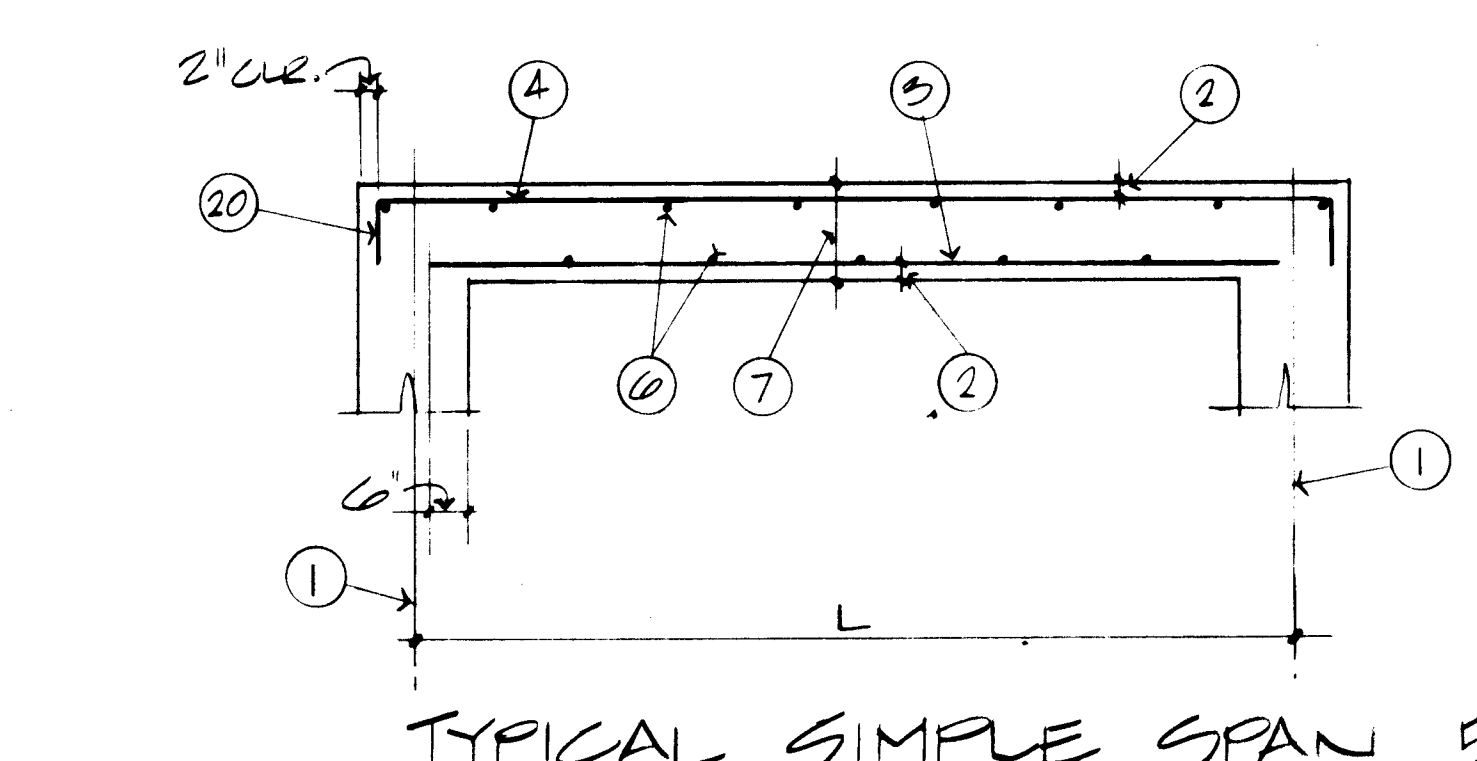
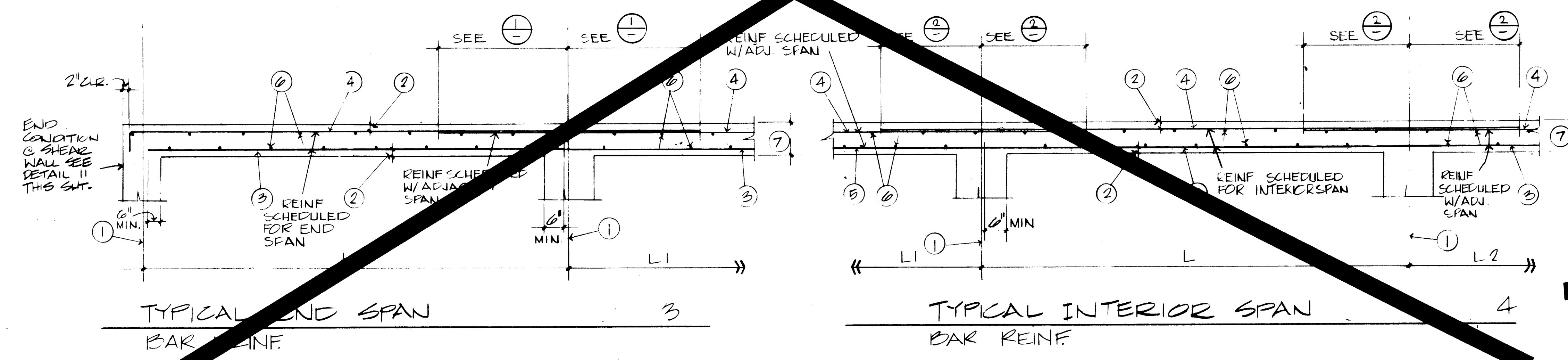
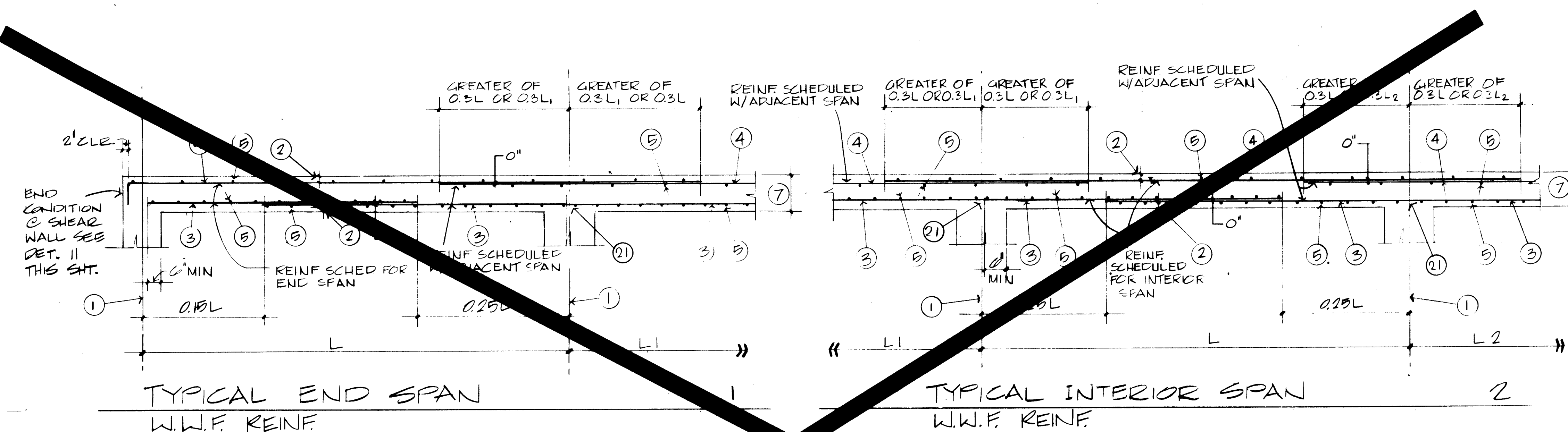


RAILS & FASCIAS

MLF

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D W

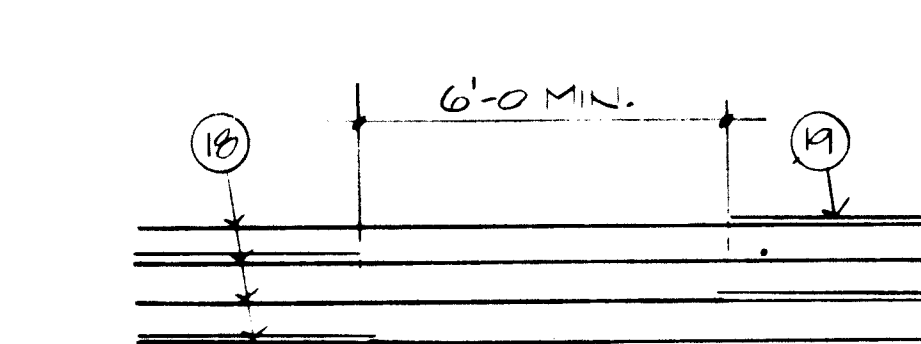
S-1



FLOOR	A BARS	B BARS	C BARS	D BARS
2ND	2*7	1*7	4*7	3*7
3RD	2*7	1*7	4*7	3*7
4TH	2*7	2*7	4*8	3*8
5TH	2*8	2*8	4*9	3*9
6TH	2*9	2*9	4*10	4*9

NOTES: 1. TYP. PLANS SEE 10A & 10B THIS SHEET.
2. TYP. SPICES IN CHORD REINF. SEE 10D THIS SHEET.

CHORD REINFORCEMENT SCHEDULE 10C



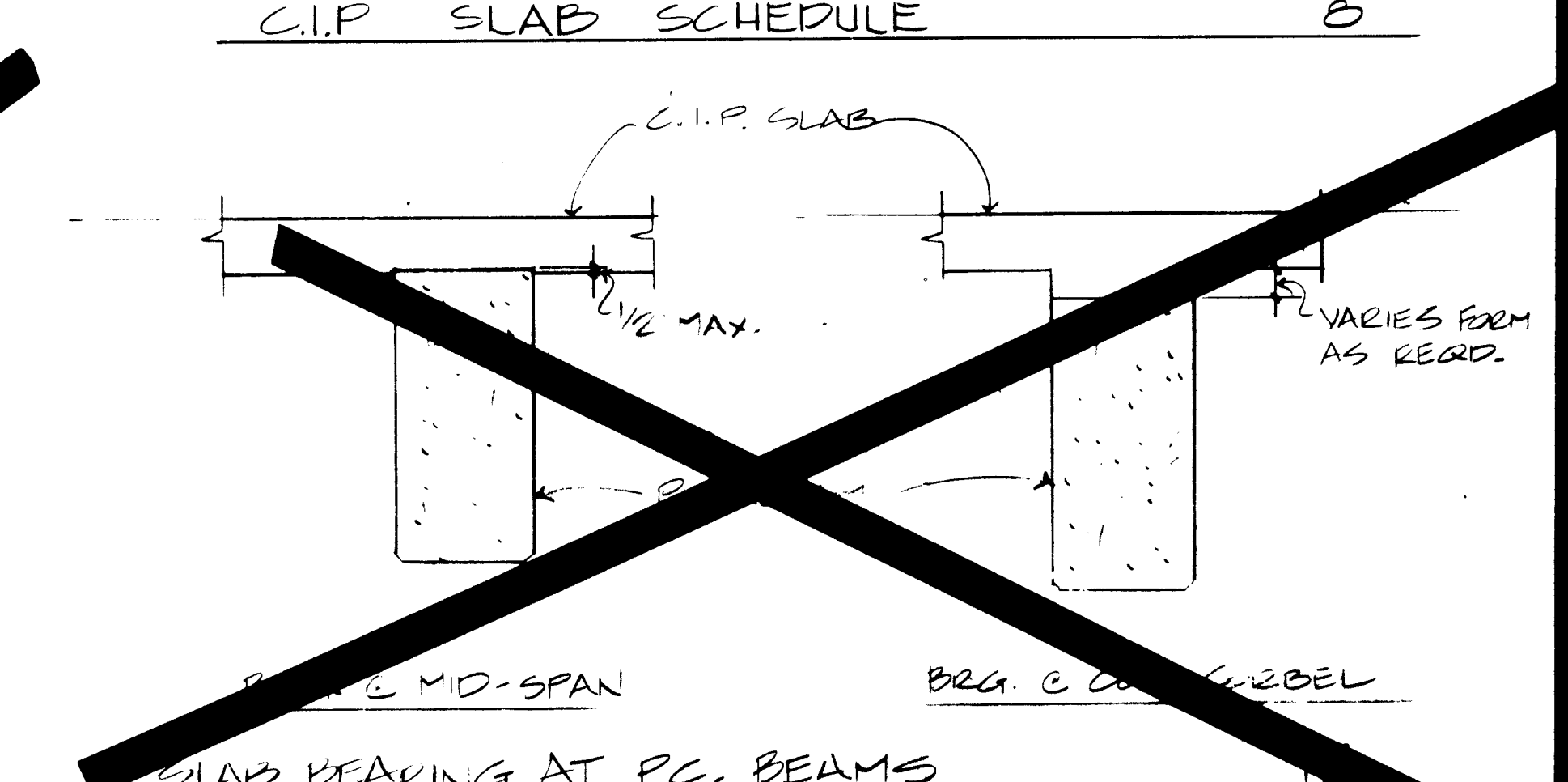
NOTE: NO MORE THAN 50% OF BARS SHALL BE SPLICED IN ANY ONE LOCATION. STAGGER SPLICES AS SHOWN.

TYP. DIAPHRAGM CHORD SPLICE

MARK	SLAB THICKNESS	BOTTOM REINF. SIZE & SPEC.	TYPE	TOP REINF. SIZE & SPEC.	TYPE	TRANS. VERGE REINF.	REMARKS
S-1	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-2	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-3	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-4	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-5	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-6	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-7	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-8	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-9	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-10	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-11	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-12	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-13	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-14	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-15	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"

MARK	SLAB THICKNESS	BOTTOM REINF. SIZE & SPEC.	TYPE	TOP REINF. SIZE & SPEC.	TYPE	TRANS. VERGE REINF.	REMARKS
S-1	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-2	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"
S-3	6"	#5 @ 16"		#4 @ 16"		#4 @ 16"	CAMBER 1/2"

NOTES: 1. TYP. MARK (+) IN SCHEDULE INDICATES SUPPORT. DOUBLE TYP. MARK (++) INDICATES EXTENSION OF REINF. STEEL INTO ADJACENT SPAN.
2. TYPICAL SLAB DETAILS SEE 5 THRU 6 THIS SHEET.
3. SEE DETAIL 10 THIS SHEET FOR DIAPHRAGM CHORD REINFORCING.
4. SCHEDULED TRANSVERSE REINF. FOR W.W.F. MUST BE FURNISHED FOR BOTH TOP & BOTTOM MATS.
5. SCHEDULED TRANSVERSE BARS FOR BAR REINF. SLABS SHALL BE PLACED TOP & BOTTOM STAGGER LOCATION.
6. PROVIDE ADEQUATE SUPPORTS TO ASSURE THAT REINF. IS HELD SECURELY IN PLACE DURING CONCRETE PLACEMENT.
7. ALL REINFORCING BARS SHALL BE CLEANED & ROUGHENED TO MAXIMUM.



NOTES: 1. CENTERLINE OF SUPPORT
2. 1" CLEAR
3. BOT. REINF.
4. TOP REINF.
5. TRANSVERSE REINF.
6. TRANSVERSE BARS LOC. STAGGERED TOP & BOT.
7. SLAB THICKNESS
8. ALL REINF. TO BE CONTINUOUS THRU JT.
9. CONTINUOUS REIN. REIN. SIDES 1/4"
10. JOINT LOCATION SEE PLAN. PLACE WITHIN MID THIRD OF SPANS.
11. 'A' BARS
12. 'B' BARS
13. 'C' BARS
14. 'D' BARS
15. TWO #6
16. 2'-6" TYPICAL
17. RAMP SLAB
18. CHORD REINF.
19. CLASS 2" LAP SPLICE
20. STD. 90 DEGREE BK.
21. 1" EXPANSION JOINT SEE DET. TENSION PLUGS & NOTE
22. 'A' BARS BOTH SIDES OF EXPANSION JOINT. ALL BARS HAVE STD. 1/4" EA. END

DATE	BY	REVISIONS
8/23/86	AGS BULL/MS	
7/19/86	MEC	REVISIONS
6/24/82	N/A	
6/7/82	N/A	
5/22/82	N/A	

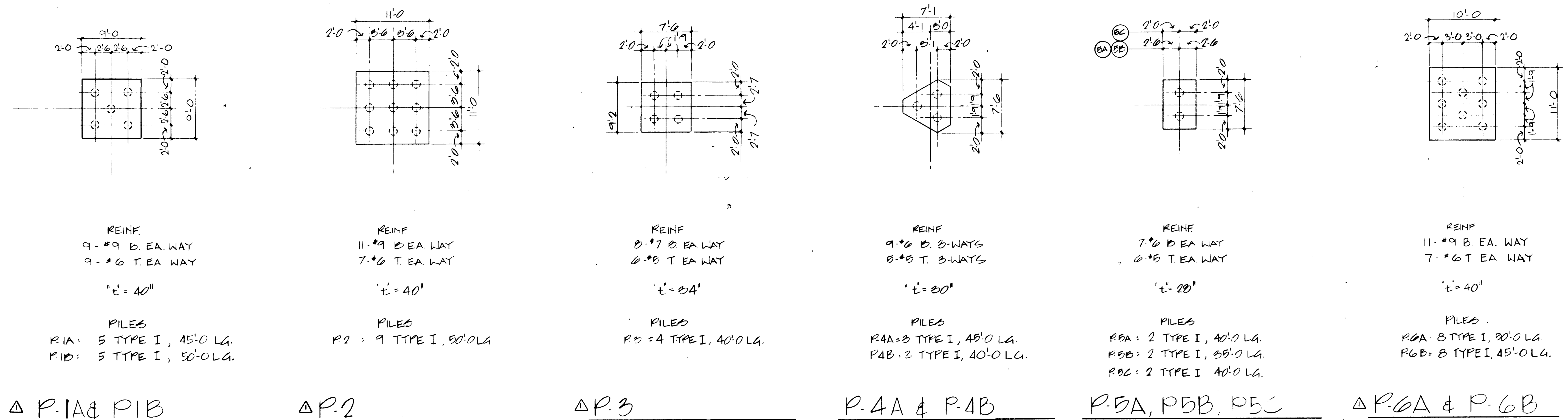
COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO

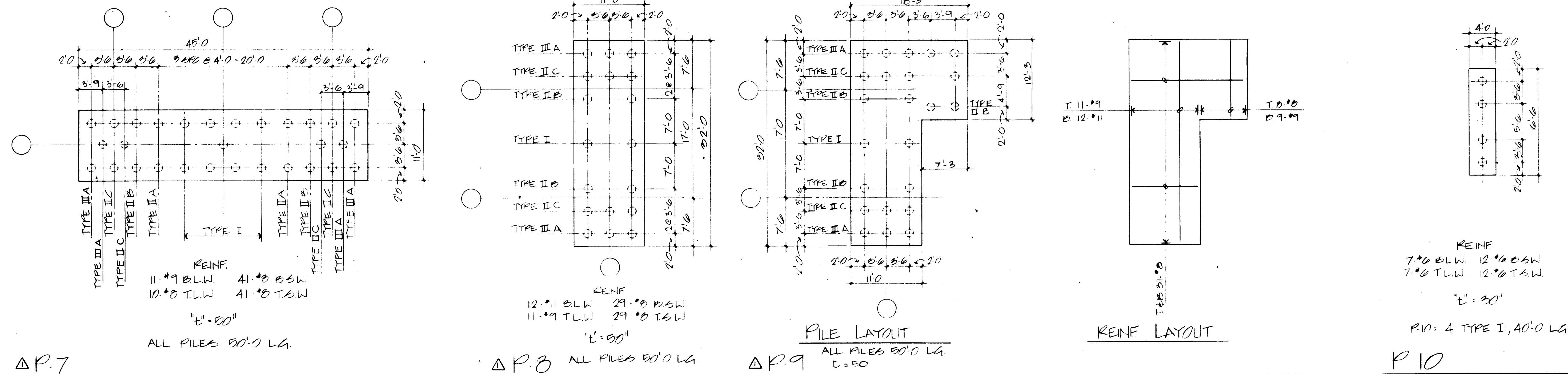
CAST-IN-PLACE SLABS

TCP DW S-18

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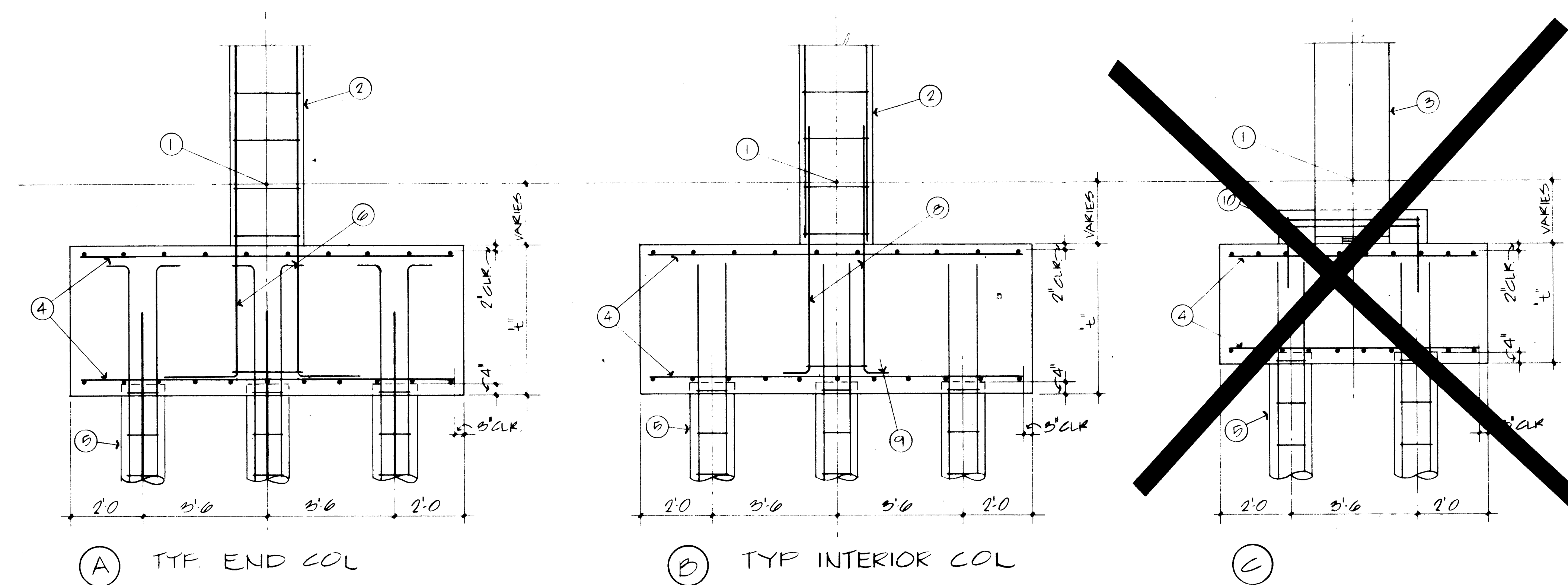
△ P.1A & P.1B △ P.2 △ P.3 P.4A & P.4B P.5A, P.5B, P.5C △ P.6A & P.6B



△ P.7 △ P.8 △ P.9 P.10

TYPICAL PILE CAP DETAILS

8" FOR PILE TYPES SEE TYPICAL PILE ELEVATIONS, SHT. S-20



2A

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1 2 3 4 5 6 7 8 9 10 11
26 10 46 17 87

11/21/84 DML

NOTES:

1. SLAB ELEVATION NOTED ON FOUNDATION PLAN.
2. CAST IN PLACE COLUMN SEE SHT/ S-10.
3. PRECAST COLUMN SEE SHT S-11.
4. CAP REINFORCING SEE 1/S-19.
5. PILE SEE SHT S-20.
6. COLUMN VERTICALS SEE SHT S-10.
7. OMITTED
8. DOWELS TO MATCH COLUMN VERTICALS-CLASS B SPLICE
9. STANDARD 90 DEGREE HOOK.
10. COLUMN BASE SEE 10/S-11.

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DATE	REVISIONS
9/23/82	AS BUILT
7/19/82	MISC. REVISIONS
6/24/82	NA
6/8/82	NA
5/11/82	THIS ISSUE FOR PILES ONLY



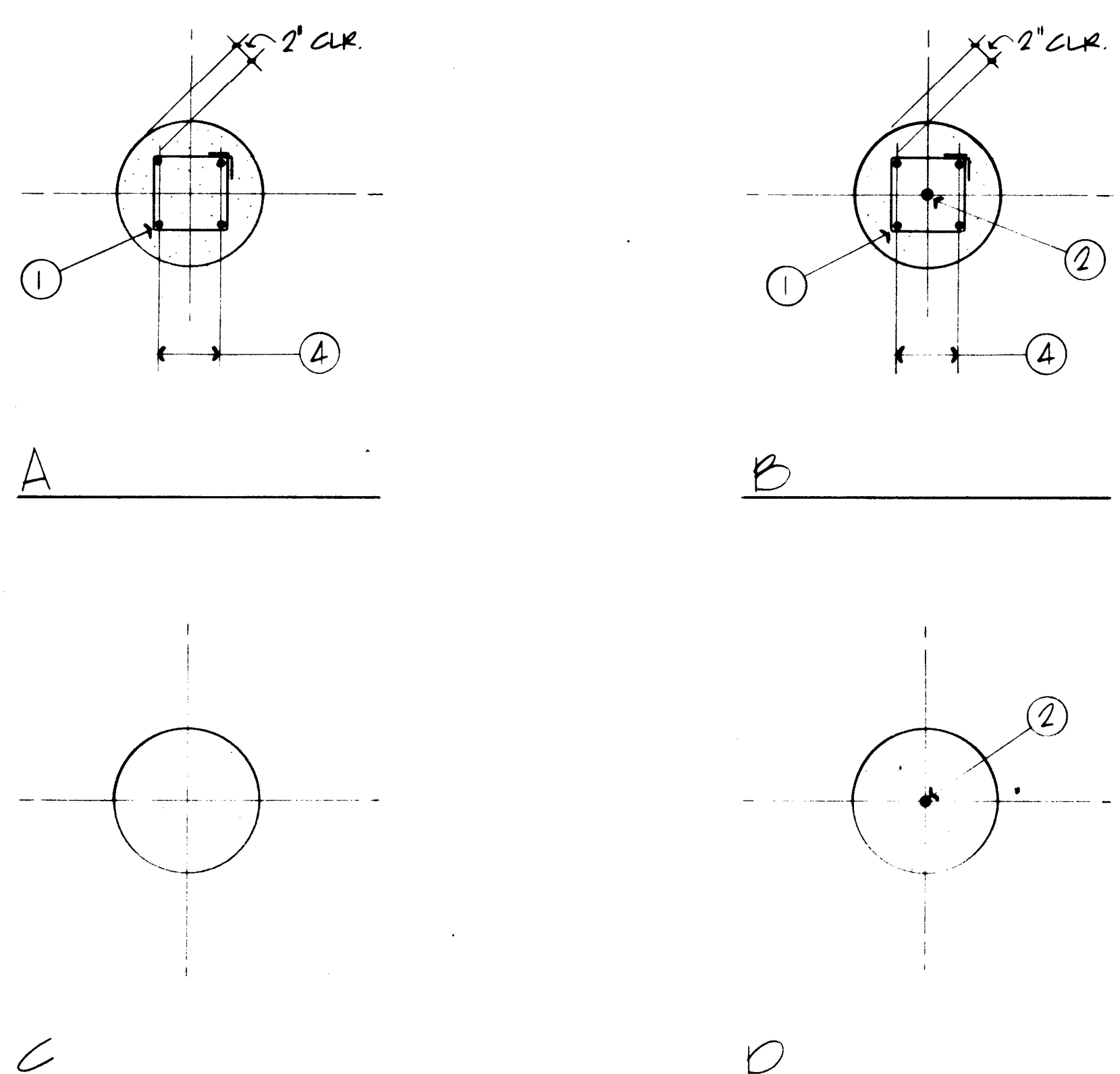
COPPER AVENUE PARKING
STRUCTURE

400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO

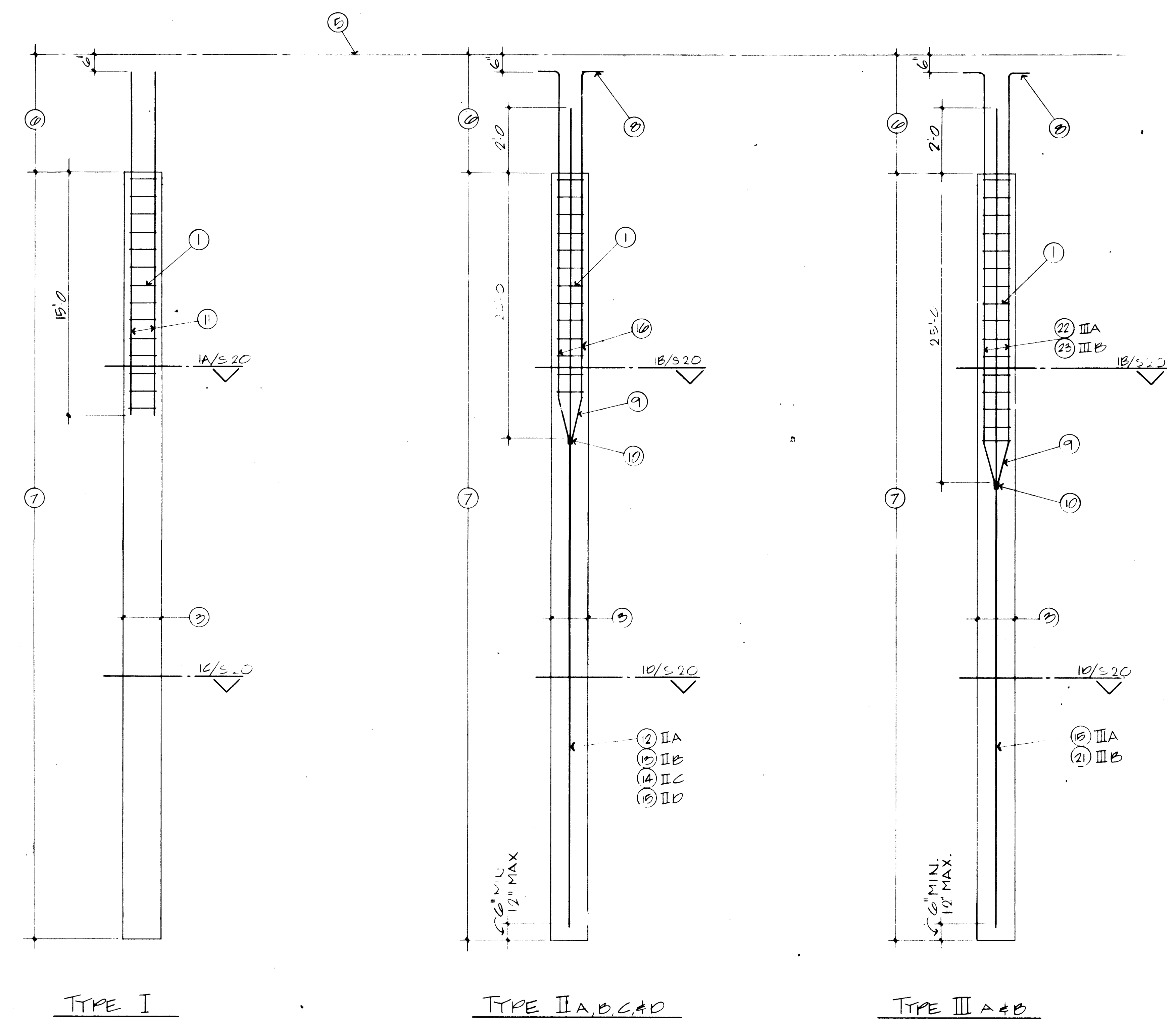
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PILE CAP DETAILS
MLF DW

S19



TYPICAL PILE CROSS SECTIONS



TYPICAL PILE ELEVATIONS

TABLE A

BASIC TENSION LAP SPLICES

(APPLIES TO ALL BARS EXCEPT
THOSE DEFINED IN TABLE 'B'
BELOW)

CLASS A, B & C LAP SPLICE LENGTHS (INCHES)												
BAR	f'c=3,000			f'c=4,000			f'c=5,000					
SIZE	A	B	C	A	B	C	A	B	C	A	B	C
#3	12	16	20	12	16	20	12	16	20	12	16	20
#4	12	16	20	12	16	20	12	16	20	12	16	20
#5	15	20	26	15	20	26	15	20	26	15	20	26
#6	18	25	33	18	24	31	18	24	31	18	24	31
#7	24	34	45	23	30	39	21	27	36	21	27	36
#8	35	45	59	30	39	51	27	35	46	27	35	46
#9	44	57	74	38	49	65	34	44	58	34	44	58
#10	56	72	95	48	63	82	43	56	73	43	56	73
#11	68	89	116	59	77	101	53	69	90	53	69	90

TABLE B												
TENSION LAP SPLICES FOR HORIZ. BARS WITH MORE THAN 12% CONC. BELOW												
CLASS A, B & C LAP SPLICE LENGTH (INCHES)												
BAR SIZE	f'c=3,000			f'c=4,000			f'c=5,000			f'c=6,000		
	A	B	C	A	B	C	A	B	C	A	B	C
#3	24	24	24	24	24	24	24	24	24	24	24	24
#4	24	24	29	24	24	29	24	24	29	24	24	29
#5	24	27	36	24	27	36	24	27	36	24	27	36
#6	27	35	46	25	33	43	25	33	43	25	33	43
#7	38	48	63	32	41	54	29	38	50	29	38	50
#8	48	63	82	42	55	73	38	49	64	38	49	64
#9	61	80	104	53	69	90	48	62	81	48	62	81
#10	78	101	132	67	88	115	60	78	103	60	78	103
#11	96	124	163	83	108	141	74	96	126	74	96	126

GENERAL STRUCTURAL NOTES

GENERAL:
CAST-IN-PLACE (AUGERCAST) PILING:
GROUT - f'c = 4000 psi

CONVENTIONAL REINF. - ASTM A-615, GR60

EXCAVATION (OTHER):
CONTINUOUS WALL FOOTINGS, INDIVIDUAL FOOTINGS AND PILE CAPS, EXCAVATE TO DEPTH AND WIDTH AS SHOWN ON STRUCTURAL DRAWINGS. EXCAVATE FOOTINGS INTO SOLID MATERIAL AS SHOWN ON STRUCTURAL DRAWINGS WITH BOTTOMS OF FOOTINGS LEVEL AND THOROUGHLY CLEANED OF ALL LOOSE MATERIAL.
ARCHITECT'S REPRESENTATIVE SHALL INSPECT FOOTING EXCAVATIONS PRIOR TO PLACING OF CONCRETE. SIDES OF CONTINUOUS FOOTINGS AND INDIVIDUAL FOOTINGS MAY BE CAST AGAINST EARTH. PILE CAP SIDES SHALL BE FORMED.

CONCRETE:
CONCRETE MINIMUM COMPRESSIVE STRENGTH f'c AT 28 DAYS AS FOLLOWS:
FOOTINGS, STEM WALLS, RETAINING WALLS, RAILINGS ON TOP OF STEM WALLS AND RETAINING WALLS, CURBS, SLABS ON GRADE f'c = 3000 psi
PILE CAPS, SHEAR WALLS, COLUMNS f'c = 4000 psi
STRUCTURAL SLABS, BEAMS & STRUCTURAL RAILINGS f'c = 4000 psi
PRECAST CONCRETE PANELS f'c = 4000 psi
POST TENSIONED BEAMS & SLABS f'c = 4000 psi

PRECAST AND/OR POST TENSIONED CONCRETE MEMBERS
SHAPE SIZE AND REINFORCING AS SHOWN ON DRAWINGS. PROVIDE EXPOSED SURFACES IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. MANUFACTURER MAY REDESIGN MEMBERS FOR THE SUPERIMPOSED LOADS NOTED ON STRUCTURAL DRAWINGS AND OR DUE TO ARCHITECTURAL OR MECHANICAL ELEMENTS. FURNISH TO STRUCTURAL ENGINEER CALCULATIONS OF ALL CRITICAL STRESSES, CAMBER AND DEFLECTIONS. MANUFACTURER SHALL DESIGN ALL MEMBERS FOR TRANSPORTATION, ERECTION AND LATERAL LOADS. PRECAST MEMBERS SHALL BE ERECTED WITH PROPER ALIGNMENT, ADEQUATELY BRACED AND RIGIDLY HELD IN POSITION UNTIL THE PERMANENT STRUCTURE IS CAPABLE OF SUPPORTING ALL LOADS.
PRESTRESSED REINFORCING SHALL BE 7 WIRE STRANDED STRESS-RELIEVED, UNCOATED HIGH STRENGTH CABLES CONFORMING TO LATEST APPLICABLE ASTM SPECIFICATIONS AND HAVING MINIMUM ULTIMATE STRENGTH OF 270,000 psi. ALL CONVENTIONAL REINFORCING SHALL CONFORM TO ASTM A-615, GRADE 60 (ASTM A-706 IF WELDED) MINIMUM REQUIREMENTS.

REINFORCING STEEL:
UNLESS NOTED OTHERWISE, DEFORMED STEEL REINFORCING BARS SHALL CONFORM TO FOLLOWING ASTM STANDARD DESIGNATIONS:
#4 BARS AND LARGER IN CONCRETE.....ASTM A-615 GRADE 60
BEAM STIRRUPS, COLUMN TIES, MASONRY REINFORCING.....ASTM A-615 GRADE 40
WELDED WIRE FABRIC.....A-188 and A-82
WELDED WIRE FABRIC DEFORMED.....A-496 and A-497
ALL REINFORCEMENT TO BE WELDED.....A-706

REINFORCEMENT LAPS: UNLESS NOTED OTHERWISE

CONCRETE
VERTICAL BARS.....CLASS "B"
HORIZONTAL BARS.....CLASS "B" (2'-0" MIN.)
WELDED WIRE FABRIC (IN SLAB ON GRADE ONLY).....9 INCHES

WELDING OF BARS SHALL BE DONE W/EROWX ELECTRODES. REINFORCING BAR ALLOWANCE OF 4 TONS IN PLACE SHALL BE INCLUDED AND SHALL ONLY BE USED AT ENGINEER'S WRITTEN DIRECTION. UNUSED PORTION OF ALLOWANCE SHALL BE CREDITED TO OWNER.

STRUCTURAL STEEL:
IN ACCORDANCE WITH AISC STANDARDS (LATEST ADOPTION):
MEMBERS: ASTM A-36
WELDING: E70XX ELECTRODES
BOLTS: ASTM A-307

MASONRY:
HOLLOW BLOCK UNITS GRADE N-1
COMPRESSIVE STRENGTH = 1000 psi GROSS AREA
MASONRY CONSTRUCTION SHALL CONFORM TO ASTM STANDARDS:
C 90 HOLLOW MASONRY UNITS
C 270 MORTAR TYPE "S"
C 476 GROUT (SLUMP 9" MIN.) f'c = 2000 psi
A 82 HORIZONTAL JOINT REINFORCING
REINFORCEMENT LAPS U.N.O.: BARS - HORIZONTAL AND VERTICAL - 40 DIAMETERS.
JOINT REINFORCING - 6 INCHES. PROVIDE PREFABRICATED SECTIONS AT WALL CORNERS AND INTERSECTIONS.

CONSTRUCTION JOINTS:
CONSTRUCTION JOINTS SHALL BE PLACED WHERE REQUIRED ONLY AND, UNLESS OTHERWISE NOTED, SHALL BE LOCATED AT MID-SPAN OF STRUCTURAL SLAB POURS. SEE PLANS AND SPECIFICATIONS FOR LOCATION OF OTHER JOINTS IN SLABS ON GRADE.

SLAB CRACKING:
THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO AVOID HAVING MAJOR SLAB CRACKING FROM OCCURRING. FINISHING AND CURING SHALL BE DONE IN ACCORDANCE WITH STANDARD PROCEDURES OUTLINED IN ACI-308 AND IN P.C.A. BULLETIN E8001.12T. CONTRACTOR SHALL ALSO HAVE CAPABILITY TO PROVIDE WIND BREAKS AS NEEDED AND ALSO TO PROVIDE SPRAY FOGGING ACCESSORIES TO MINIMIZE SURFACE WATER EVAPORATION.
VISIBLE SLAB SURFACE CRACKS WHICH MAY HAVE OCCURRED AND ARE WIDER THAN 0.50 MILLIMETERS AND DEEPER THAN 1/4 OF SLAB DEPTH SHALL BE FILLED WITH PRESSURE INJECTED EPOXY FILLER. THE ARCHITECT OR ENGINEER SHALL DETERMINE THE EXTENT AND LIMITS TO WHICH THIS CORRECTIVE PROCEDURE SHALL BE APPLIED BASED ON A REVIEW OF CONTRACTOR'S CONSTRUCTION PRACTICE AND OWNER REQUIREMENT.

NEOPRENE BEARING PADS:
PLACE UNDER ALL PRECAST CONCRETE BEAMS AT BEARINGS. SIZE AND THICKNESS AS SHOWN ON STRUCTURAL DRAWINGS. MEET REQUIREMENTS OF SPECIFICATIONS ASTM D-2240 AND ASTM D-412 GRADE SHORE A DUROMETER - 65. PADS THICKER THAN 1/2 INCH SHALL BE LAMINATED FROM TWO EQUAL THICKNESS PADS FACTORY BONDED TO A STEEL SKIN BETWEEN. SUBMIT DETAILS FOR APPROVAL.

CAST-IN-PLACE RAILS
PROVIDE 1/2" FRESH-LOD JOINT BETWEEN CONCRETE RAIL AND COLUMN

- NOTES:
- #3 TIES AT 14" O/C STAGGER LAPS OF SUCCESSIVE TIES BY 90 DEGREES.
 - REINF. FULL LENGTH CENTERED- SEE ELEV.
 - 14" Ø
 - REINF.- SEE ELEV.
 - TOP OF PILE CAP ELEV. VARIES
 - VARIES
 - LENGTH OF PILE- SEE PILE CAP DETAILS SHEET
 - S-19
 - STD. 90 DEGREE HW.
 - BEND VERTS.- MAX SLOPE 1:6
 - PIPE 2 STD X 3" LONG WELD TO SEAR ONLY
 - FOUR #6 VERT.
 - #8 BAR
 - #9 BAR
 - #11 BAR
 - DYWIDAG THREAD BAR 1" Ø -150 KSI
 - FOUR #6 VERT.
 - DELETED
 - DELETED
 - DELETED
 - DELETED
 - DYWIDAG THREAD BAR 1-1/4" Ø-150 KSI
 - FOUR #7 VERT.
 - FOUR #8 VERT.

"These RECORD DRAWINGS have been prepared from information supplied by the Contractor and shall not be construed as a certification of actual condition by the Architect."

12.3.06 UPDATE

DATE	REVISIONS
7/19/82	MISC. REVISIONS
6/24/82	N/A
6/8/82	N/A
5/21/82	THIS ISSUE FOR PILES ONLY

COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO

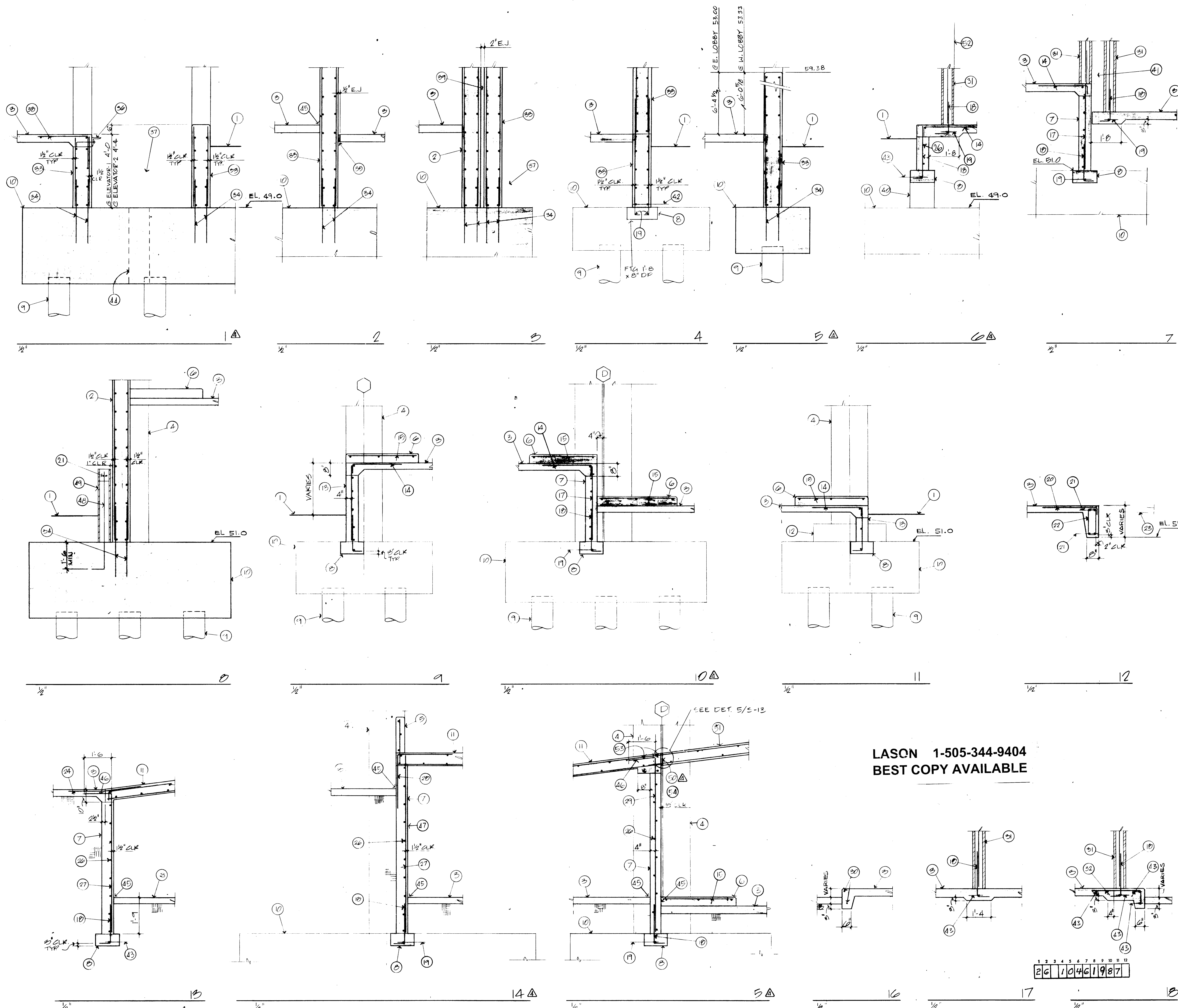
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THE WOODWARD CLARK GROUP

FILE DETAILS & GENERAL NOTES

MLF DW S-20

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- NOTE A.
PROVIDE VERTICAL DOWELS OUT OF PILE CAPS TO LAP VERTICAL WALL REINFORCEMENT.
- NOTES:
1. FINISHED GRADE.
 2. 12" C.I.P. CONCRETE SHEAR WALL.
 3. 5" C.I.P. CONCRETE SLAB ON GRADE.
 4. C.I.P. CONCRETE COLUMN.
 5. 6" C.I.P. CONCRETE RAIL.
 6. 6" C.I.P. CONCRETE CURB.
 7. 8" C.I.P. CONCRETE WALL.
 8. C.I.P. CONCRETE WALL FOOTING, POUR SEPARATE FROM PILE CAPS.
 9. CONCRETE PILES.
 10. C.I.P. CONCRETE PILE CAP.
 11. 5" SLAB CAMBER 1/2".
 12. COLUMN BASE. SEE 10/S-11.
 13. REINFORCEMENT. SEE 10/S-21.
 14. #4 DWL. AT 24" O/C.
 15. #4 AT 24" O/C WITH THREE #4 TIE BARS CONTINUOUS.
 16. #4 AT 12" O/C VERTICAL H.I.E. WITH THREE #4 HORIZONTAL TIE BARS.
 17. #4 AT 12" O/C VERTICAL AND HORIZONTAL.
 18. DWL. TO MATCH VERTICAL REINFORCEMENT WITH STANDARD 90 DEGREE HOOK.
 19. #4 CONTINUOUS, PROVIDE #4 DWL 2'-0" PILE CAP (MIN. EMBED. 2'-0").
 20. #4 DWLS. AT 24" O/C.
 21. TWO #4 CONT.
 22. #3 TIES AT 24" O/C.
 23. APPROACH SLAB SEE ARCH.
 24. #4 AT 32" O/C.
 25. DELETED.
 26. #4 AT 12" O/C HORIZONTAL.
 27. #4 AT 12" O/C VERTICAL.
 28. #4 AT 16" O/C DWLS.
 29. #4 AT 16" O/C VERTICAL.
 30. ADD #4 CONTINUOUS AROUND PERIMETER.
 31. 8" MAS. WALL WITH #5 AT 2'-0" O/C VERTICAL.
 32. #4 AT 24" O/C DWL.
 33. 12" C.I.P. CONCRETE WALL WITH #4 AT 12" O/C HORIZONTAL E.F. & #4 AT 12" O/C VERTICAL E.F.
 34. DWLS. TO MATCH VERTICAL REINFORCEMENT.
 35. 1/4" FRESH-UP.
 36. ELEVATOR FILL ANGLE. SEE 19/S-23.
 37. ELEVATOR FIT.
 38. #4 AT 20" O/C DWL. WITH #4 TIE BAR.
 39. POLYSTYRENE FILLER.
 40. POUR FOOTING DOWN TO PILE CAP.
 41. PIPE CHASE.
 42. TWO #7 CONTINUOUS.
 43. #4 CONT.
 44. HOLE AS READ BY ELEV. MFR.
 45. 15lb. ASPHALTIC FELT BOND BREAKER (TYP).
 46. FIELD BEND VERT INTO SLAB.
 47. BRACE WALL UNTIL TOP SLAB HAS BEEN IN PLACE FOR 7 DAYS.
 48. #4 & 2#5.
 49. PLASTER WALL SEE ARCH DWGS.
 50. 1" EXPANSION JOINT SEE DET. 5/S-12.
 51. SLAB SEE FOOT TENSION DWGS.
 52. INSIDE FACE OF COL. BEYOND
 53. 2-#5 T & B CONT.
 54. TOP OF OPNG.

These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect.

RECORD DRAWINGS

11/21/84 DWL

8/23/83 AS BUILT

NO.	DATE	REVISIONS
1	7/1/82	MISC REVISIONS
2	6/24/82	N/A
3	6/18/82	N/A
4	5/21/82	N/A



COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO

mlb

FOUNDATION DETAILS

S-21

M.O. MAX.	TYPE	DEPTH	BOT. BARS
1'-4"	I	8"	2 #3
3'-4"	I	16"	2 #4
5'-4"	I	24"	2 #5

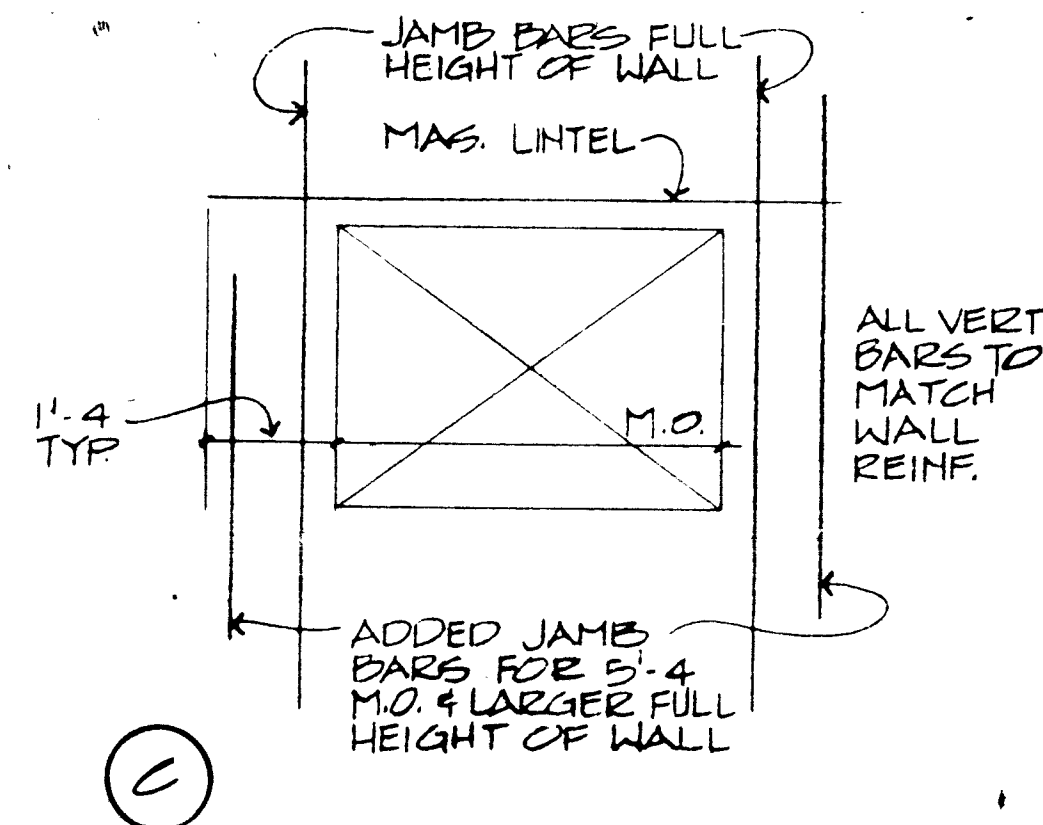
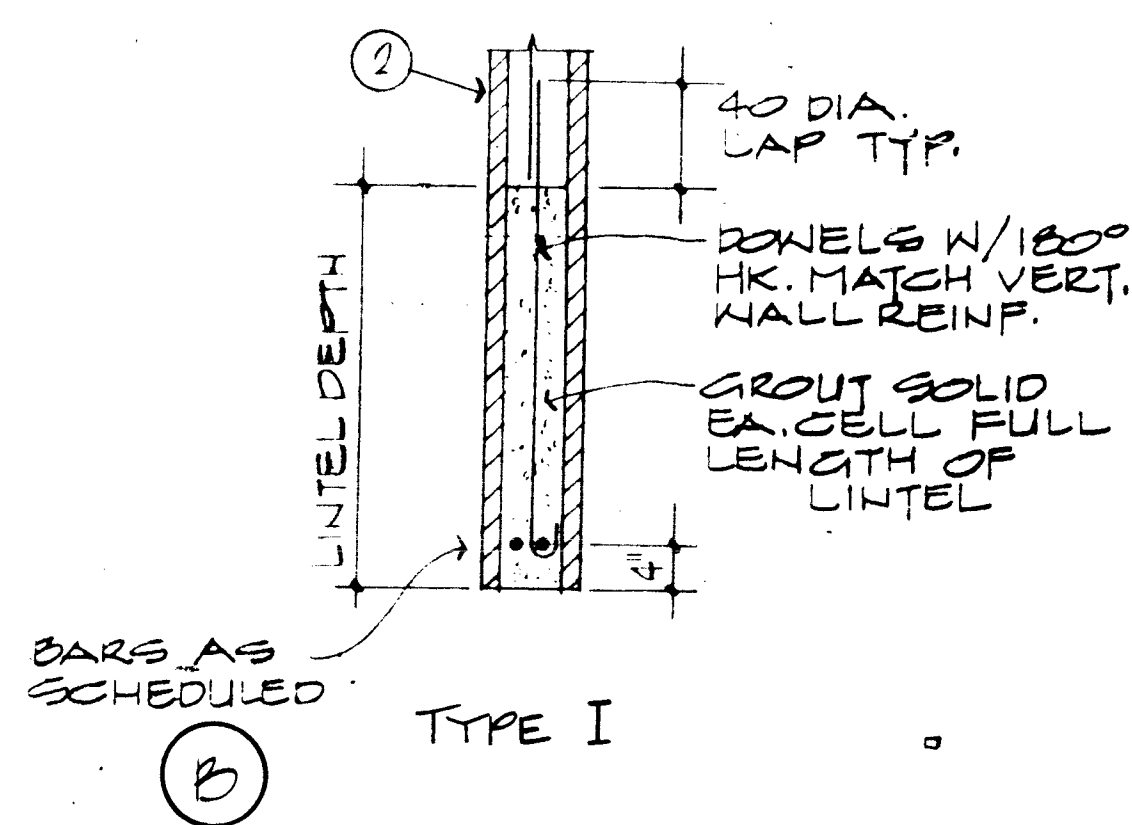
1. THIS SCHEDULE APPLIES TO OPENINGS THRU MASONRY WALLS WHERE LINTELS ARE NOT SHOWN OR SCHEDULED.
2. DETAILS SEE 10/5/22

(A) NON-DESIGNATED LINTELS

MASONRY LINTELS

NTS

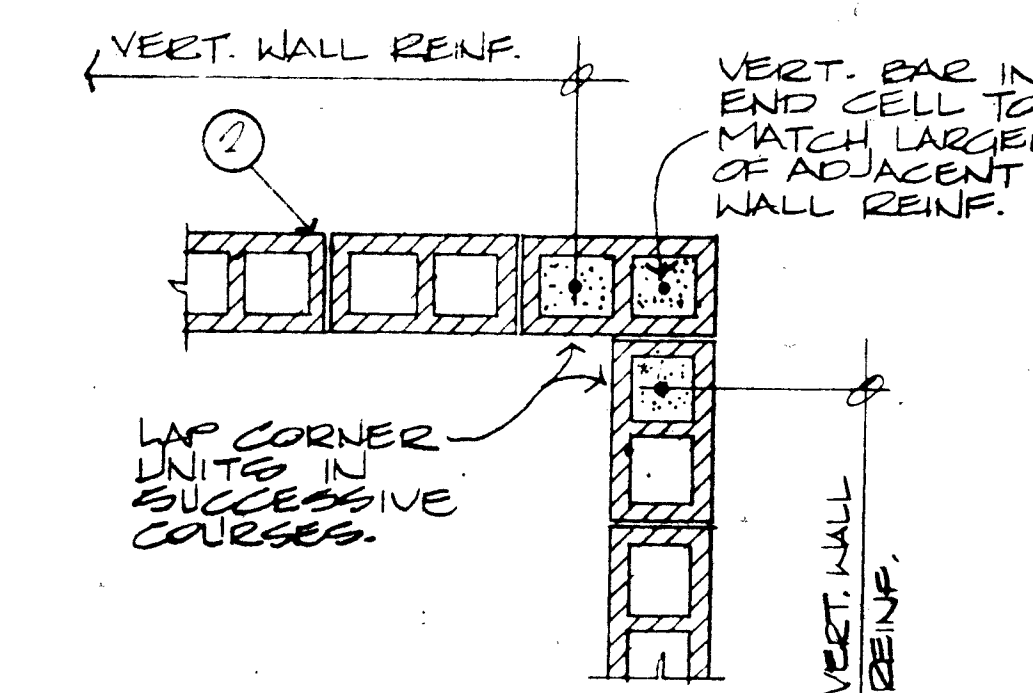
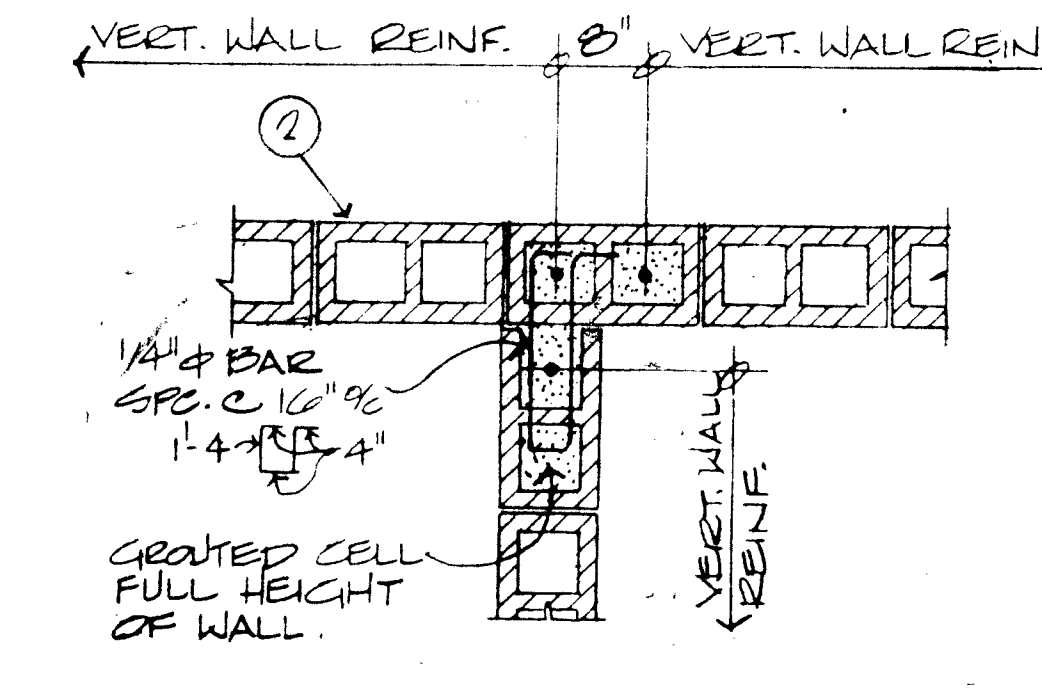
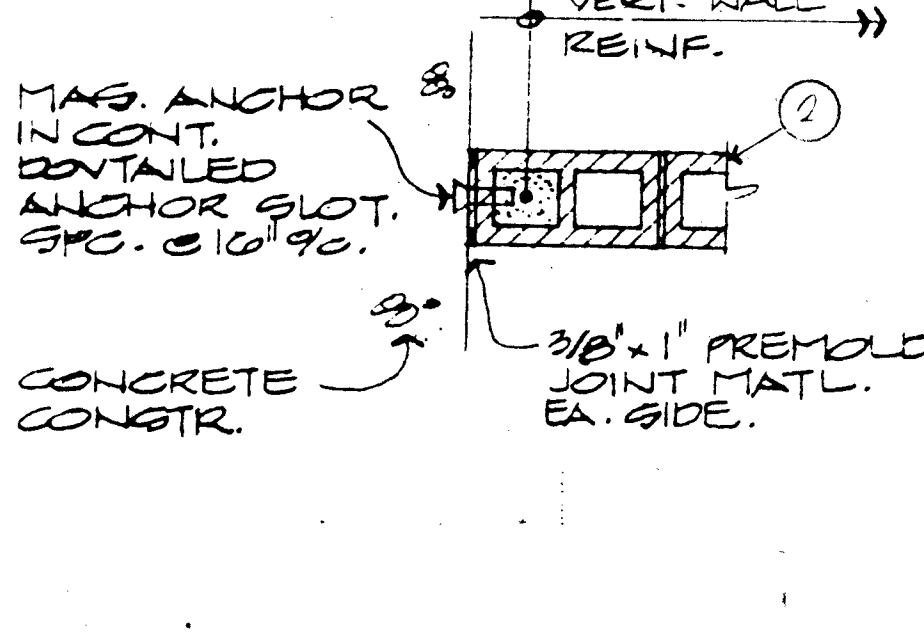
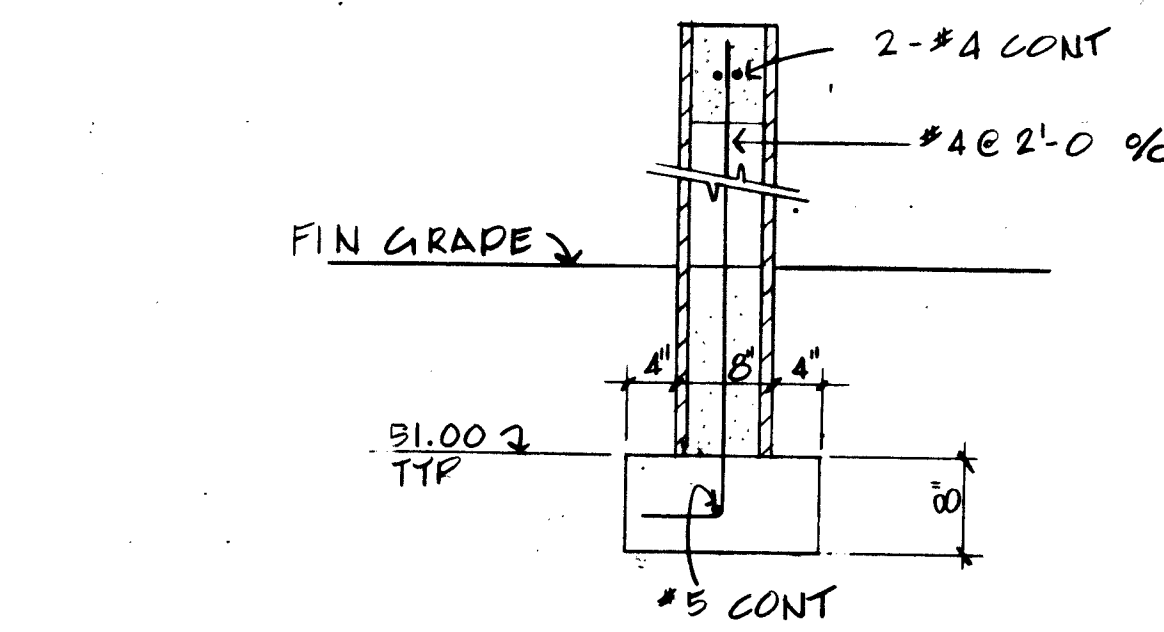
ABBREVIATIONS	ADD.	ADJ.	ADJUST.	AGG.	A.B.C.	ALT.	ANCH.	A.B.	APPROX.	ARCH.	BSMT.	BM.	BRG.	B.P.	BTWN.	BLK.	BLKG.	B.O.	BOT./B.	BRK.	BLDG.	C.I.P.	CTR.	C.L./L.	CLR.	COL.	COMP.	CONC.	CONN.	C.J.	CONT.	CONTR.	CONSTR.	CTSK.	D.L.	DET.	DIA./Ø	DIM.	DIAG.	DLG.	D.T.	DWL.	DN.	DWG.	DO.	E.A.	E.F.	E.W.	ELECT.	EL.	ELEV.	EMBED.	EQ.	EQUIP.	EXISTO.	E.J.	EXT.	F.F.	F.S.	FIN.	FL.	FTG.	FDN.	GA.	GALV.	GEN.	HT.	HK.	H.1.E.	H.2.E.	H.C.	HOR./H.	H.S.A.	I.D.	I.F.	INT.	INTERM.	JT.	Joint	JST.	K.O.	Knock Out	L.I.H.	Long Leg Hor.	L.I.V.	Long Leg Vert.	LONG.	Longitudinal	L.L.	Live Load	L.A.M.	Laminated	L.W.B.	Wd. Bm.	M.F.R.	Manufacturer	MAS.	Masonry	M.L.	Masonry Lintel	M.O.	Masonry Opening	MATL.	Material	MAX.	Maximum	MECH.	Mechanical	MTL.	Metal	MIN.	Minimum	MISC.	Miscellaneous	N.F.	Near Face	N.S.	Near Side	N.A.	Not Applicable	N.T.S.	Not to Scale	NO./#	Number	O/C	On Center	OPG.	Opening	O.D.	Outside Dia.	O.F.	Outside Face	OPP.	Opposite	OH.	Overhead	PAR.	Parallel	PART.	Partition	PVMT.	Pavement	PERP.	Perpendicular	PL./B.	Plate	PLYWD.	Plywood	LBS.	Pounds	P.C.	Precast	P.I.	Premold Joint	R.	Radius	REINF.	Reinforcing	REBAR	Reinforcing Bar	REQD.	Required	RM.	Room	R.O.	Rough Opening	SCHED.	Schedule	SHING.	Sheathing	SH.	Sheet	S.T.	Single Tee	SIM.	Similar	SFC.	Space (Spacing)	SPEC.	Specifications	STD.	Standard	STL.	Steel	STIFF.	Stiffener	STR.	Stirrups	STRUCT.	Structural	SYM.	Symmetrical	T.W.	Top of Wall	TEMP.	Temperature	T.B.	Top of Beam	T.F.	Top of Footing	T.D.	Top of Deck	T.S.	Top of Slab	TPG.	Topping	T.J.	Tied Joint	TRANSV.	Transverse	TYP.	Typical	U.N.O.	Unless Noted	VERT./V.	Vertical	WT.	Weight	W.W.F.	Welded Wire Fabric	W.	With	W/O.	Without	WD.	Wood
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MARK	TYPE	DEPTH	BOT. BARS
ML-1	I	8"	2 #4
ML-2	I	16"	2 #4
ML-3	I	24"	2 #4

1. DETAILS SEE 10/5/22

(D) LINTEL SCHEDULE

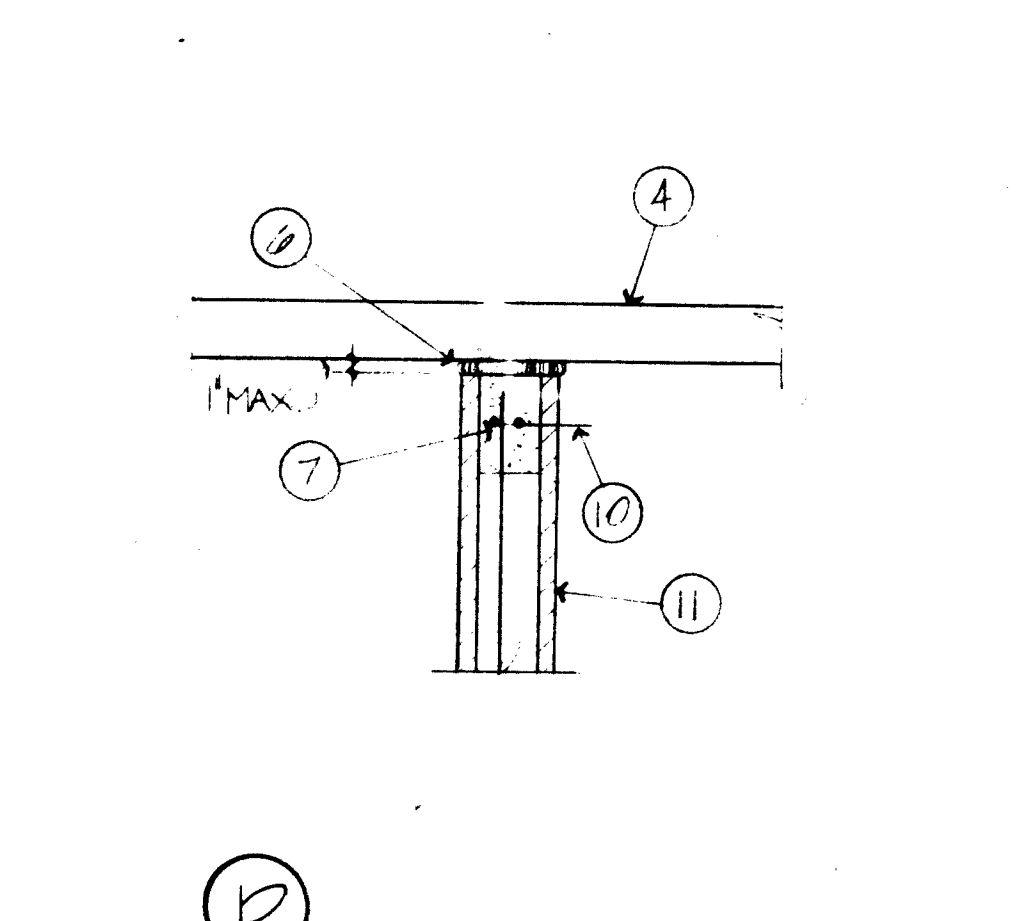
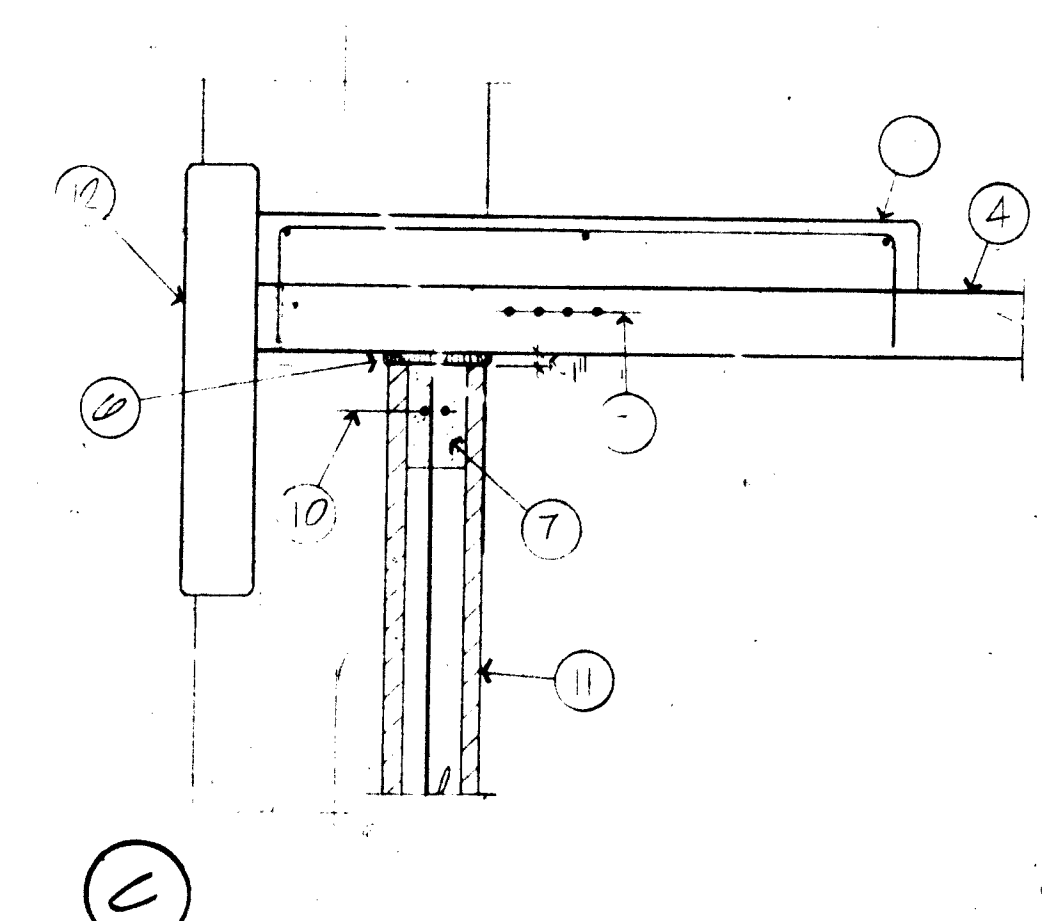
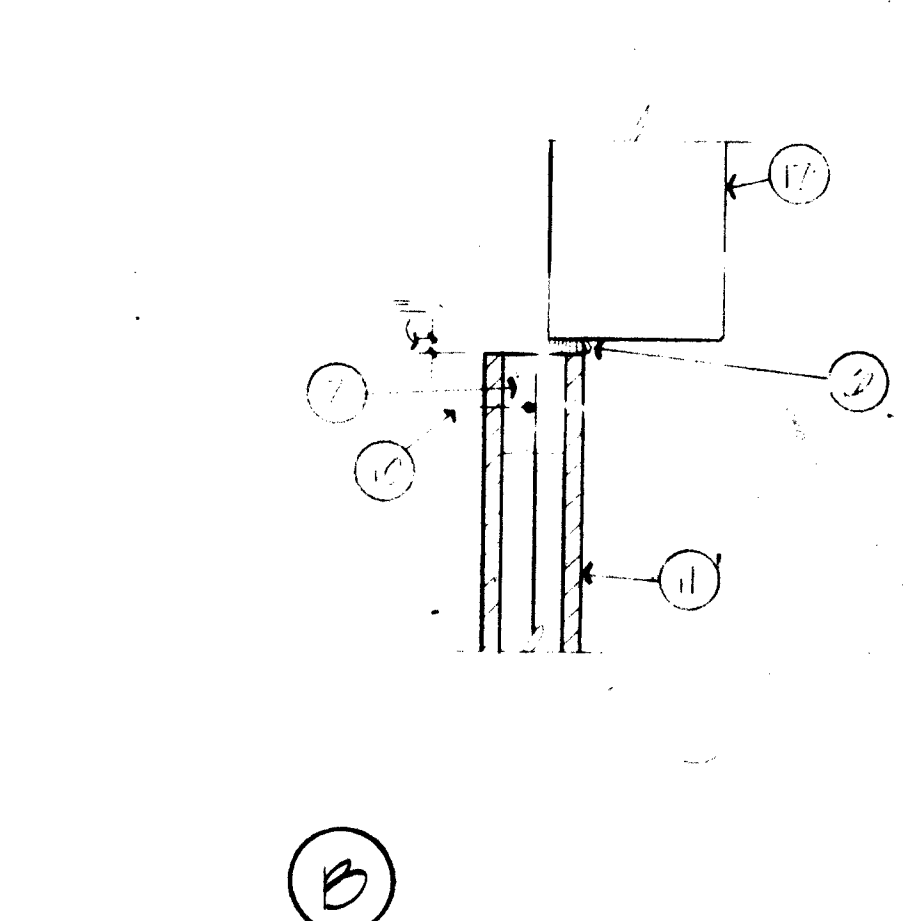
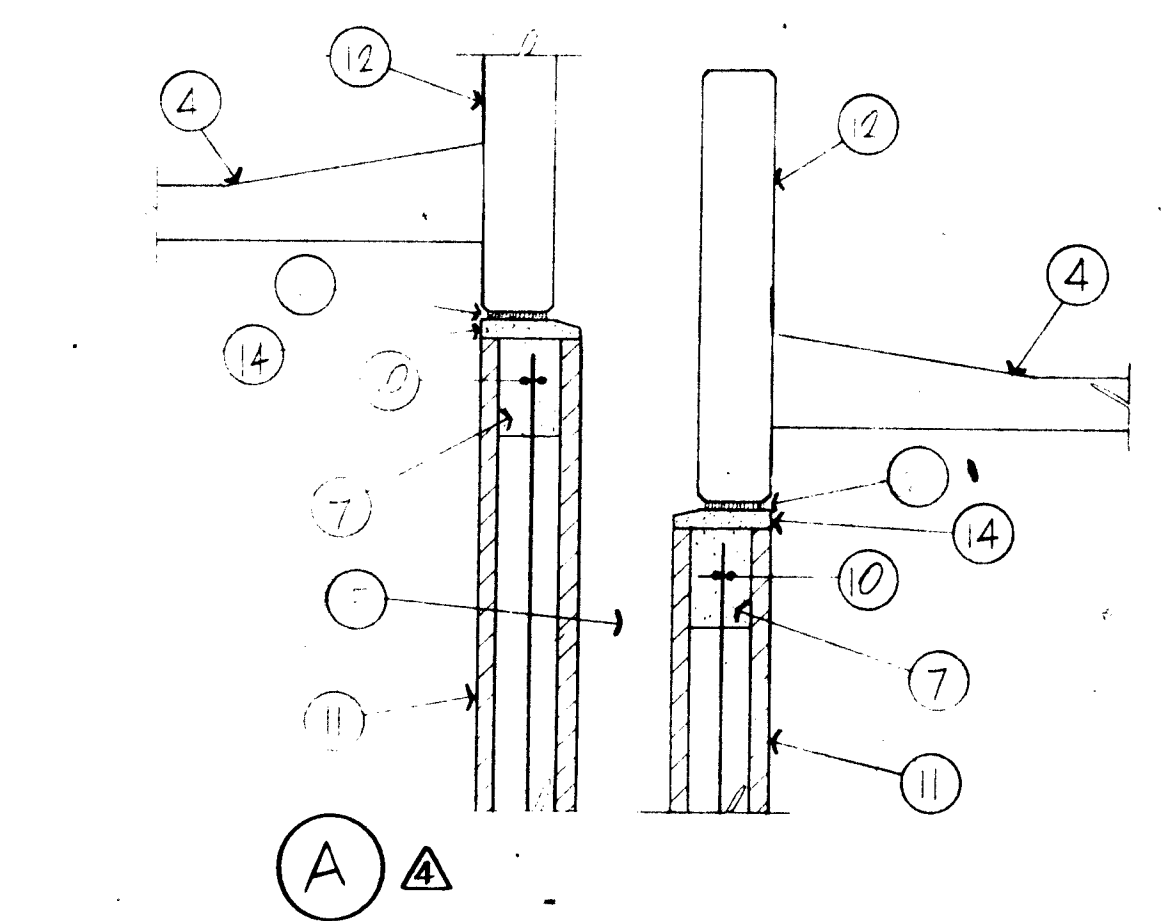


TYP. PLANTER WALL & FOOTING

3/4\"/>

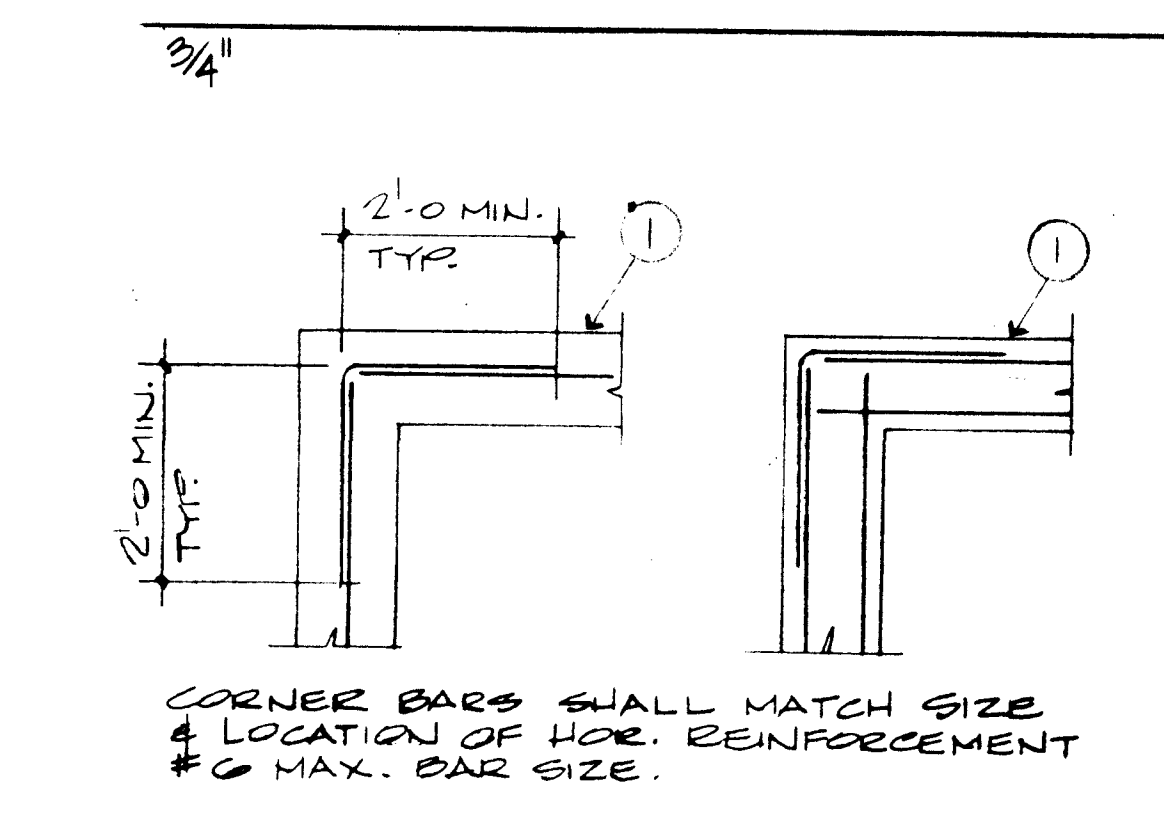
MASONRY WALL INTERSECTIONS

NTS



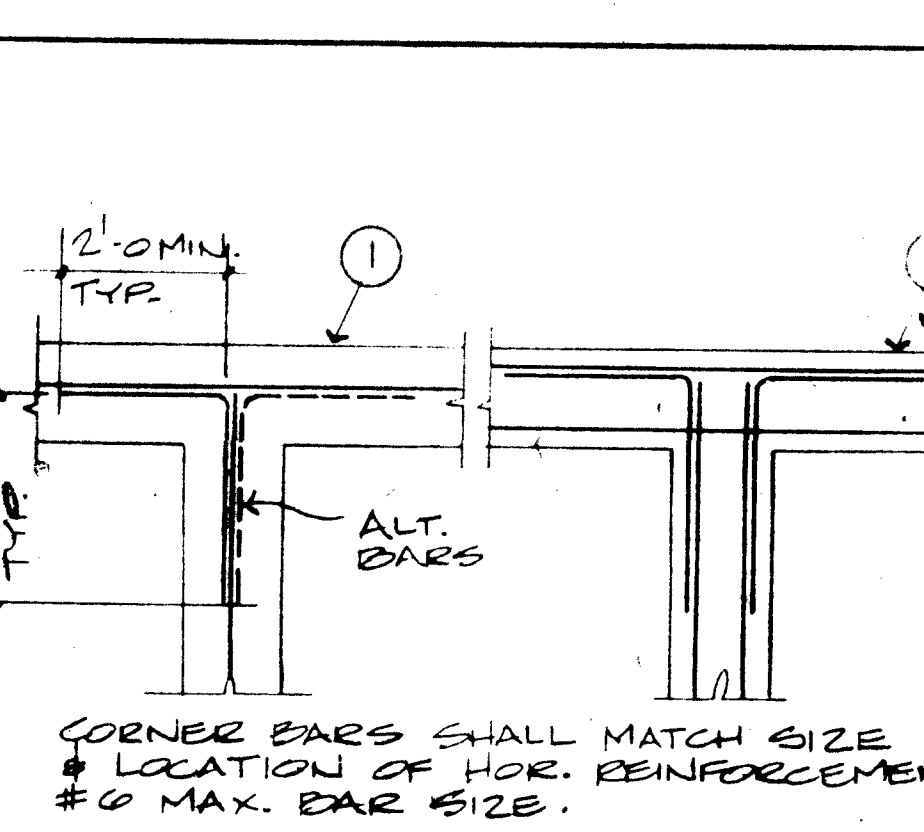
TYPICAL DETAILS @ TOPS OF MASONRY WALLS

7



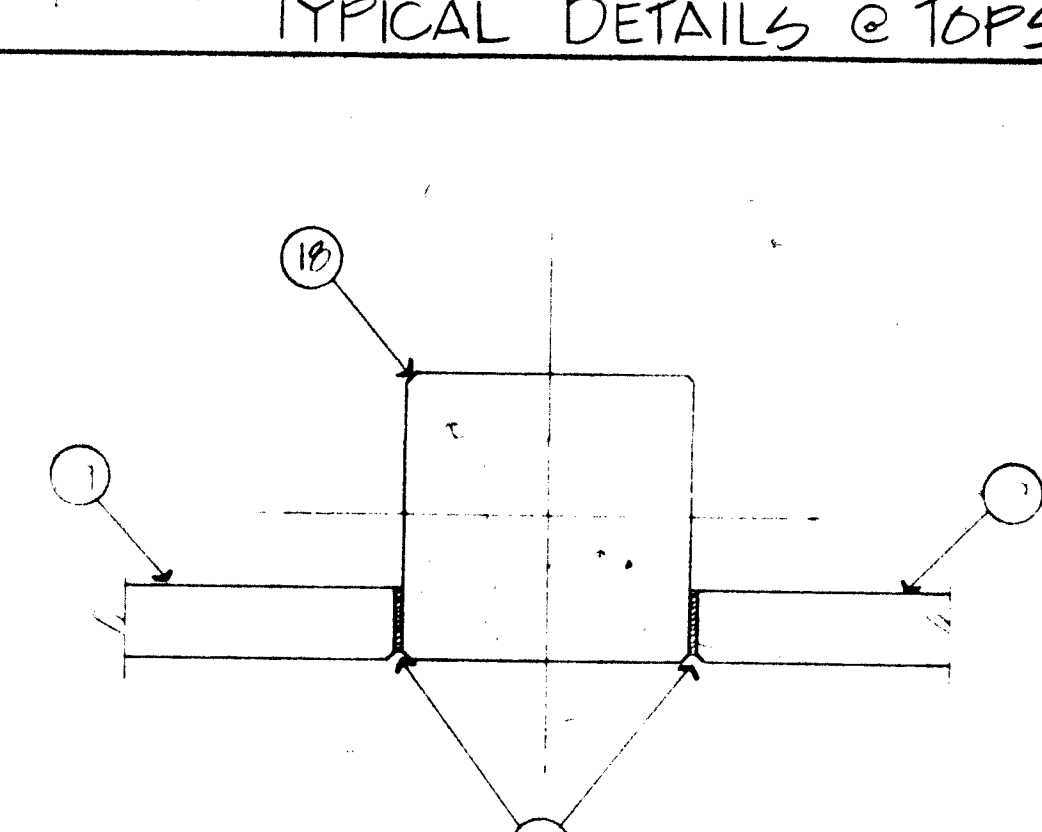
CORNER BARS

NTS



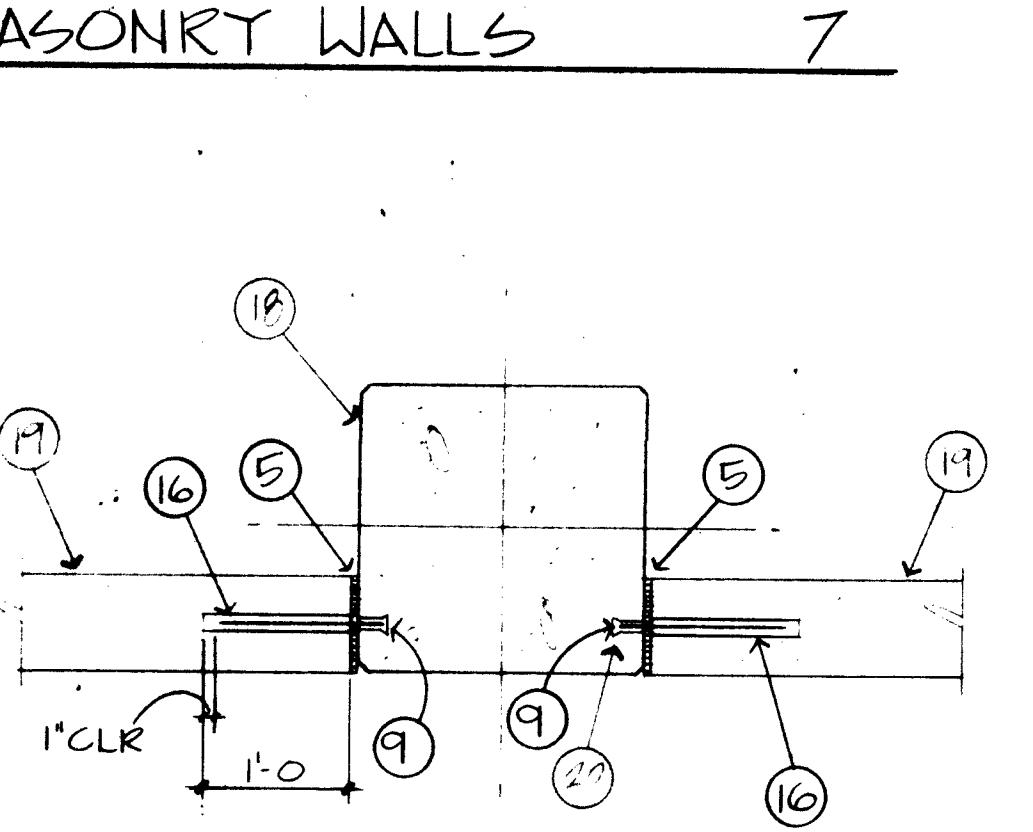
CORNER BARS

NTS



TYP. CONC. WALL @ COL. W/ GRADE 11

3/4\"/>



TYP. CONC. WALL @ COL. W/ GRADE 12

3/4\"/>

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These REPROD. DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect.

11/21/04 DAWH.

DATE	BY	REVISIONS
8/23/03	AS BUILT	
4/24/07	N/A	REVISIONS
6/8/07	N/A	
7/20/07	N/A	

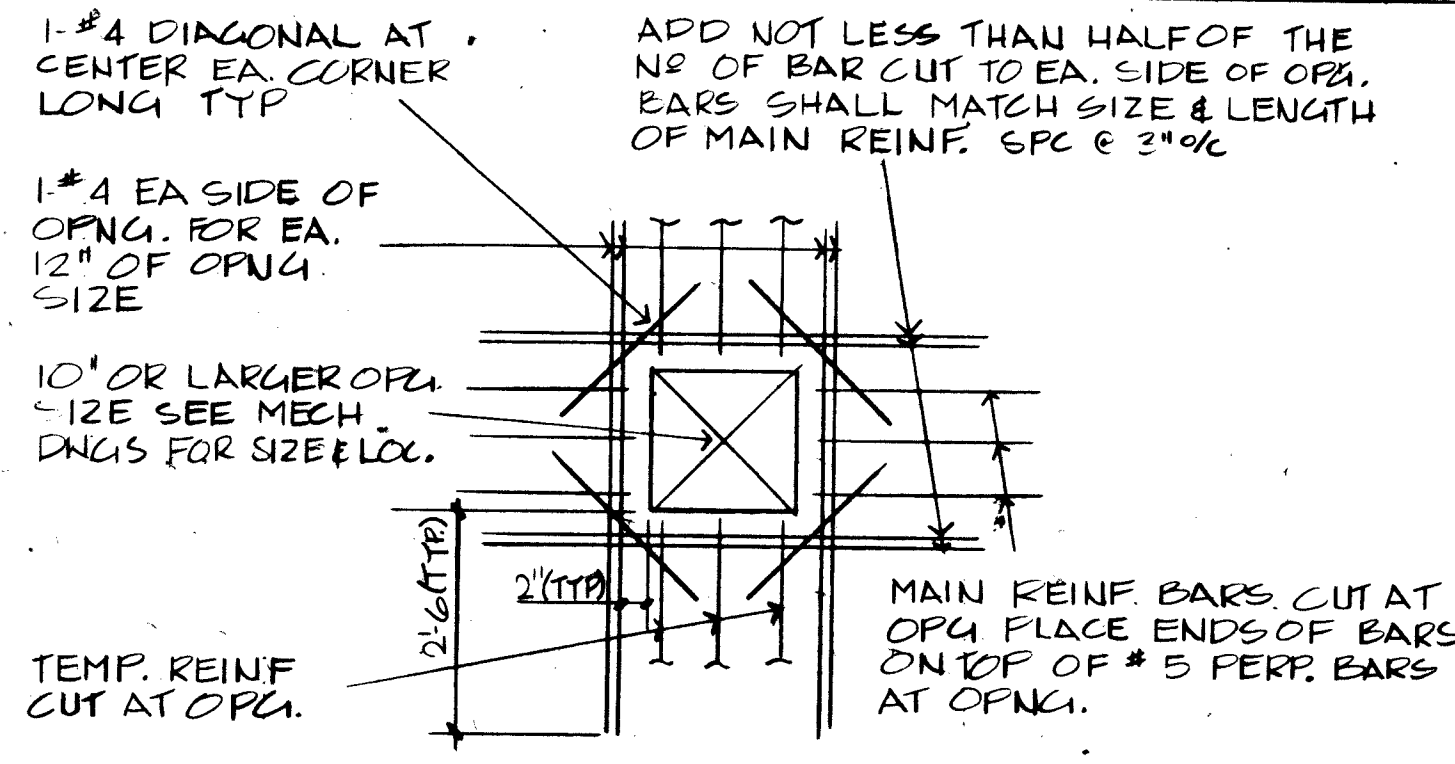
11/21/04 DAWH.

COPPER AVENUE PARKING
STRUCTURE
400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO

flatow moore bryan & associates
architects engineers planners
albuquerque

DATE 1/22/02 BY MLF
CHECKED DW
TYPICAL DETAILS, LINTEL
SCHEDULE & ABBREVIATIONS
S-22

ABBREVIATIONS



REIN. @ OPG. IN SLAB

NTS

(A) JT-1

NTS

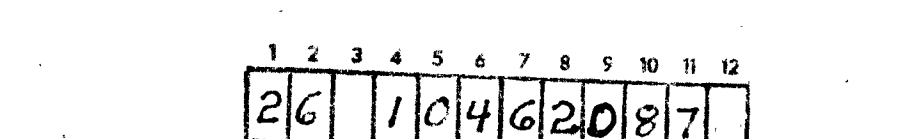
(B) JT-2

NTS

TYPICAL SLAB ON GRADE DETAILS

NTS

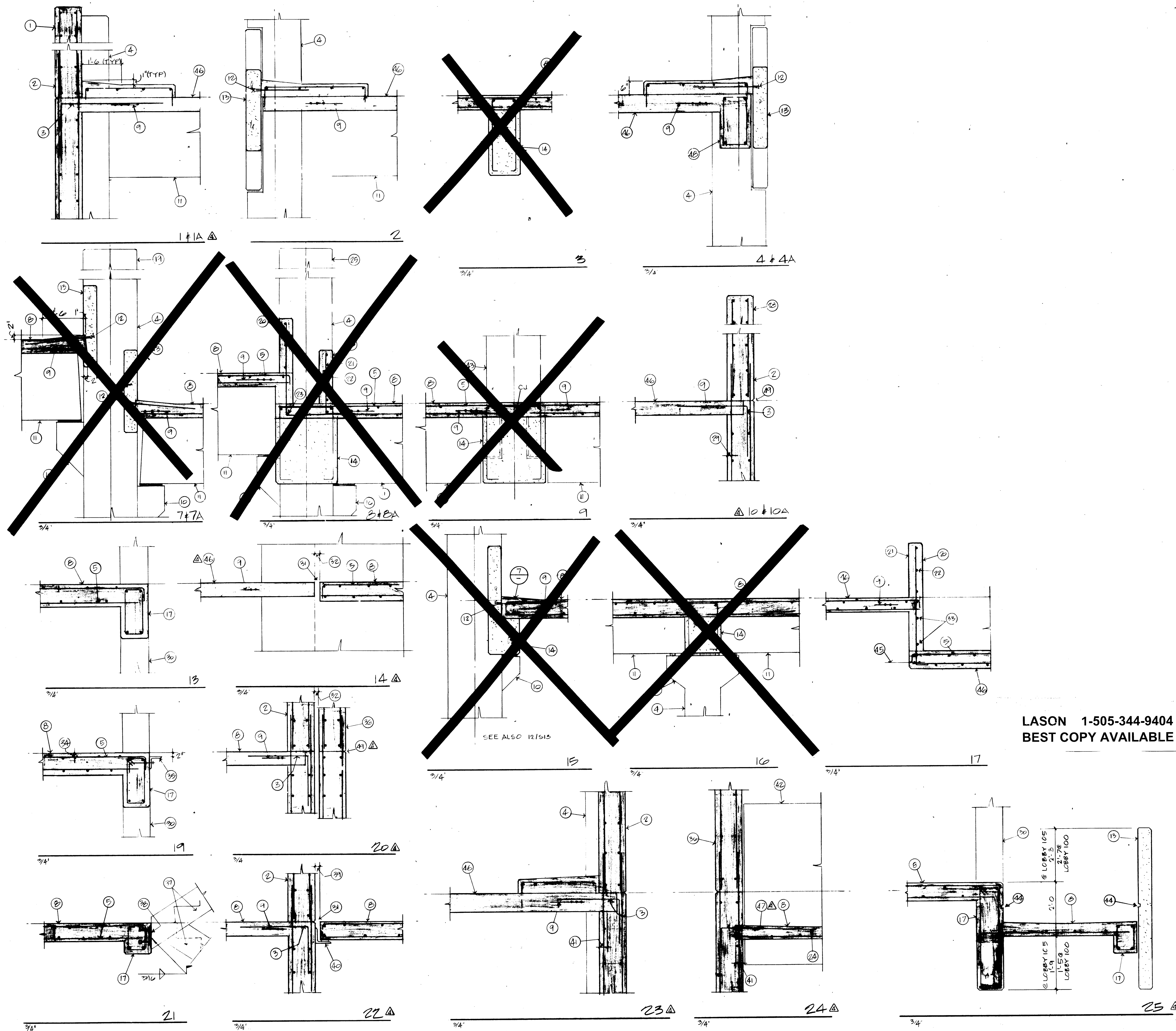
(D) THICKENED SLAB @ STAIRS



1 2 3 4 5 6 7 8 9 10 11 12

26 11 6 4 6 2 0 8 7

14



- NOTES:
1. TOP OF WALL AT 1A. SEE SHT S-8.
 2. 12" CONC. WALL SEE ELEVATIONS ON SHEET S-9.
 3. SHEAR CONNECTION - SEE ELEVATIONS ON S-9.
 4. COL. BEYOND.
 5. TRANSVERSE REINF SEE SCHED.
 6. SEE D/T'S
 7. #4 AT 24" O/C
 8. C.I.P. SLAB - SEE SCHEDULE.
 9. DIAPHRAGM CHORD REINFORCING.
 10. CORBEL BEYOND.
 11. BEAM BEYOND.
 12. CONC. INSERT W/ #6 DIA. X 1'-6" ALL THREAD 6" FROM EA. SIDE OF C. SPAN
 13. PRECAST CONC. FASCIA PANEL SEE S-17.
 14. OMITTED
 15. OMITTED
 16. OMITTED
 17. C.I.P. BEAM - SEE SHT. S-16.
 18. 30# FELT PAPER FULL HEIGHT & LENGTH OF BEAM AGAINST PANEL.
 19. TOP OF COL. BEYOND AT 7A.
 20. 6" C.I.P. CONC. RAIL.
 21. #4 AT 12" O/C VERT.
 22. THREE #4 HORIZONTAL.
 23. #4 TYP.
 24. #4 TIE BAR
 25. TOP OF COL. BEYOND AT 8A.
 26. OMITTED
 27. TOP OF COL. BEYOND AT 9A.
 28. TOP OF WALL AT 10A SEE SHT. S-8
 29. 1-1/2" CLR. - TYP.
 30. ELEVATOR WALL BEYOND.
 31. EXP. JOINT COVER - SEE ARCH. DWGS.
 32. 2" EXP. JOINT.
 33. #4
 34. 1" CLR.
 35. L 5" X 5" X 3/8" W/ 3/4" Ø 4" ANCH. BOLTS AT 1'-6" O/C.
 36. 12" CONC. ELEVATOR WALL - REINF. SEE 16/8-16.
 37. STAIRS - SEE ARCH. DWGS.
 38. PLATE 1/2" X 5" X 0'-8" W/ TWO 1/2" Ø X 0'-6" H.S.A. AT 6" O/C. AT EACH STRINGER.
 39. 2-1/2"
 40. SLAB SUPPORT AT EXP. JOINT. - SEE S-13
 41. C.I. CONT. KEY.
 42. PRECAST FASCIA PANEL BEYOND.
 43. DUMMY COLUMN ABOVE 5TH LEVEL ONLY SEE 4/8-13.
 44. FLASHING REGLET
 45. 2" Ø CONC
 46. C.I.P. SLAB SEE POST TENSION DWGS
 47. #5 X 2'-0" W/STR HK @ 2'-0" O/C
 48. C.I.P. BEAM SEE POST TENSION DWGS
 49. 3/4" CHAMFER @ ALL EXPOSED JOINTS

*These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect.

11/21/84 DAW/M.

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DATE	BY	REVISIONS
8/23/83	AS	BUILT
7/19/82		MISC. REVISIONS
6/24/82		N/A
4/8/82		N/A
5/21/82		N/A



26 10 46 21 87

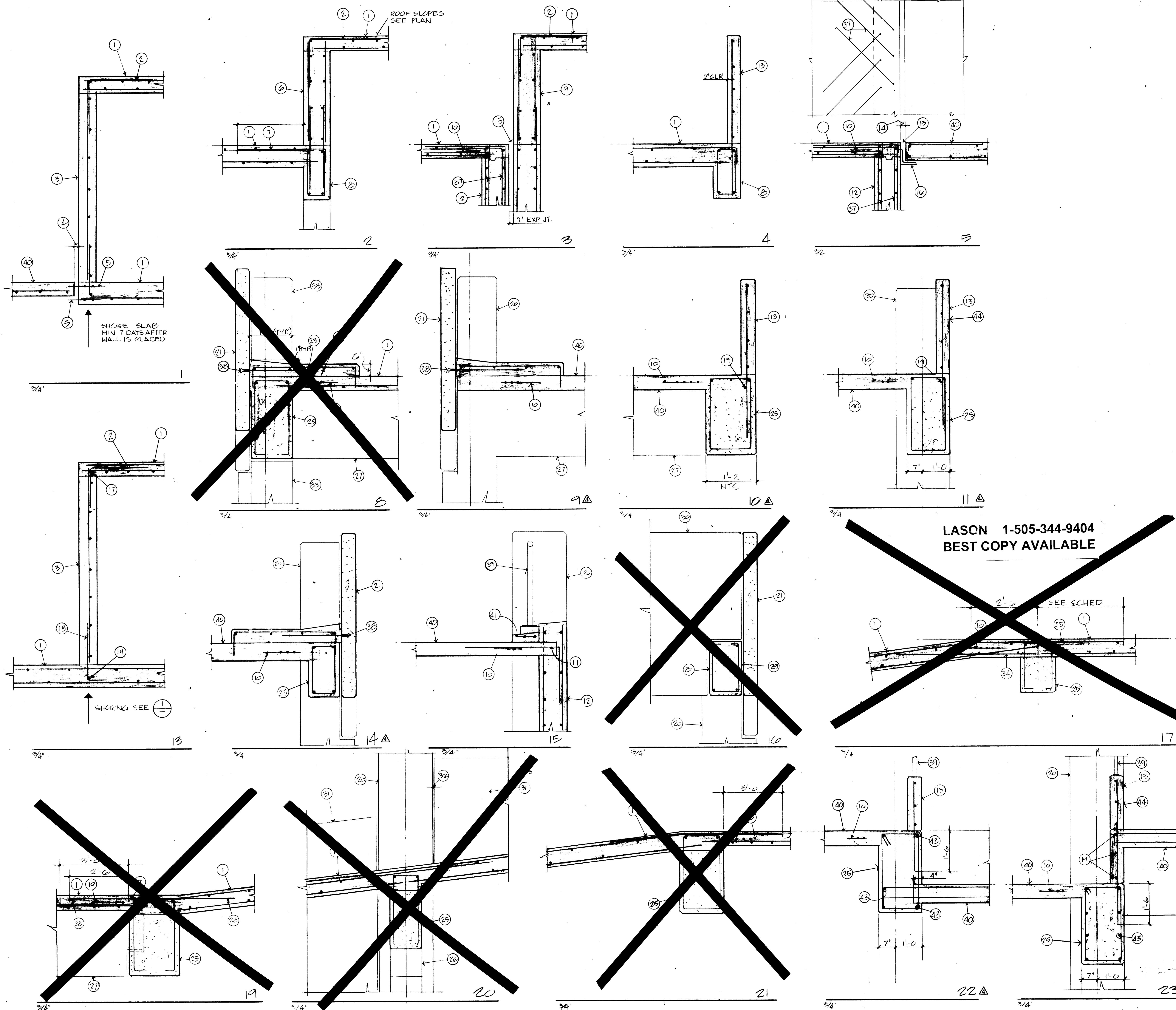
COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO

fmb

FRAMING DETAILS

TCP DW S-23



- NOTES:
1. C.I.P. SLAB - SEE SCHEDULE.
 2. #4 AT 16" O/C.
 3. 8" C.I.P. CONC. WALL W/ #4 AT 16" O/C VERTICAL & #4 AT 12" O/C HORIZONTAL.
 4. 2" EXP. JOINT. SEE ARCH DWGS FOR COVER.
 5. TWO #5 TOP AND BOTTOM.
 6. 12" C.I.P. CONC. WALL, REINF. W/ #4 AT 12" O/C HORIZONTAL AND VERTICAL EA. FACE.
 7. #4 AT 16" O/C.
 8. C.I.P. BEAM - SEE SHEET S-16.
 9. 12" CONC. ELEVATOR WALL - REINF. SEE 16/8-16.
 10. DIAPHRAGM CHORD REINF.
 11. SHEAR CONNECTION. SEE ELEVATIONS ON SHEET S-9.
 12. 12" CONC. WALL. SEE ELEVATIONS ON SHEET S-9.
 13. 6" C.I.P. CONC. RAIL - REINF. W/ #4 AT 12" O/C HORIZONTAL AND VERTICAL.
 14. 2-1/2".
 15. EXP. JOINT COVER. SEE ARCH. DWGS.
 16. SLAB SUPPORT AT EXP. JOINT. SEE 5/8-13.
 17. ADD #5 X 5'-0" AT DOOR OPG.
 18. DOWELS TO MATCH VERTICAL REINF. TYP.
 19. #4 CONT.
 20. COLUMN BEYOND.
 21. PRECAST CONC. FASCIA PANEL. SEE SHEET S-17.
 22. CONCRETE INSERT W/ 5/8" DIA X 2'-6" ALL THREAD DOWEL AT 2'-0" O/C.
 23. #4 AT 24" O/C.
 24. FOUR #4.
 25. C.I.P. BEAM. SEE POST TENSION DWGS.
 26. CORNER L.S.
 27. BEAM BEYOND.
 28. #4 TIE BAR.
 29. 30 # FELT PAPER FULL HEIGHT & LENGTH OF BEAM AGAINST PRECAST PANEL.
 30. PRECAST CONC. FASCIA PANEL BEYOND.
 31. CONC. RAIL BEYOND.
 32. 3/8" PREMOULD JOINT-TYP.
 33. DIMMY COLUMN BEYOND - SEE 4/8-13.
 34. ADD #4 X 5'-0" AT 14" O/C.
 35. BEND TOP BARS AS SHOWN.
 36. CONT. 2 X 4 KEY.
 37. #6 DOWELS AT 12" O/C.
 38. CONC. INSERT W/ 5/8" X 2'-6" ALL THREAD DOWEL 1'-0" FROM EA. SIDE OF & SPAN.
 39. GUARD RAIL SEE ARCH.
 40. C.I.P. SLAB SEE POST TENSION DWGS.
 41. 2-#4 CONT.
 42. #4 @ 18" W/STD HK EA. END.
 43. #4 CONT.
 44. 1/2" PREMOULD JT. BETWEEN CONC. RAIL & COL. TYP.

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4/21/84 D.J.W.

DATE	BY	REVISIONS
8/29/83	AS BUILT	
7/19/82		MISC. REVISIONS
6/24/82		N/A
6/18/82		N/A
6/21/82		N/A

26 10462287

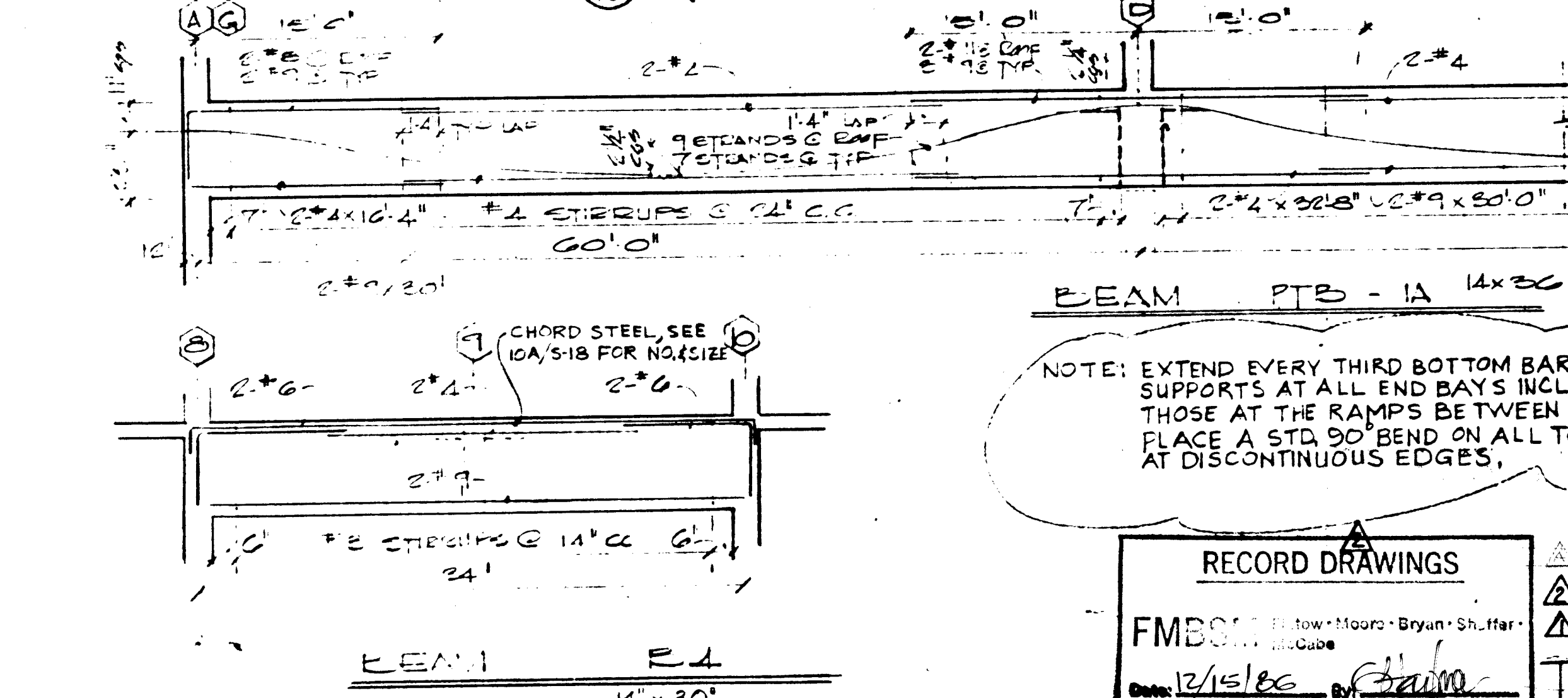
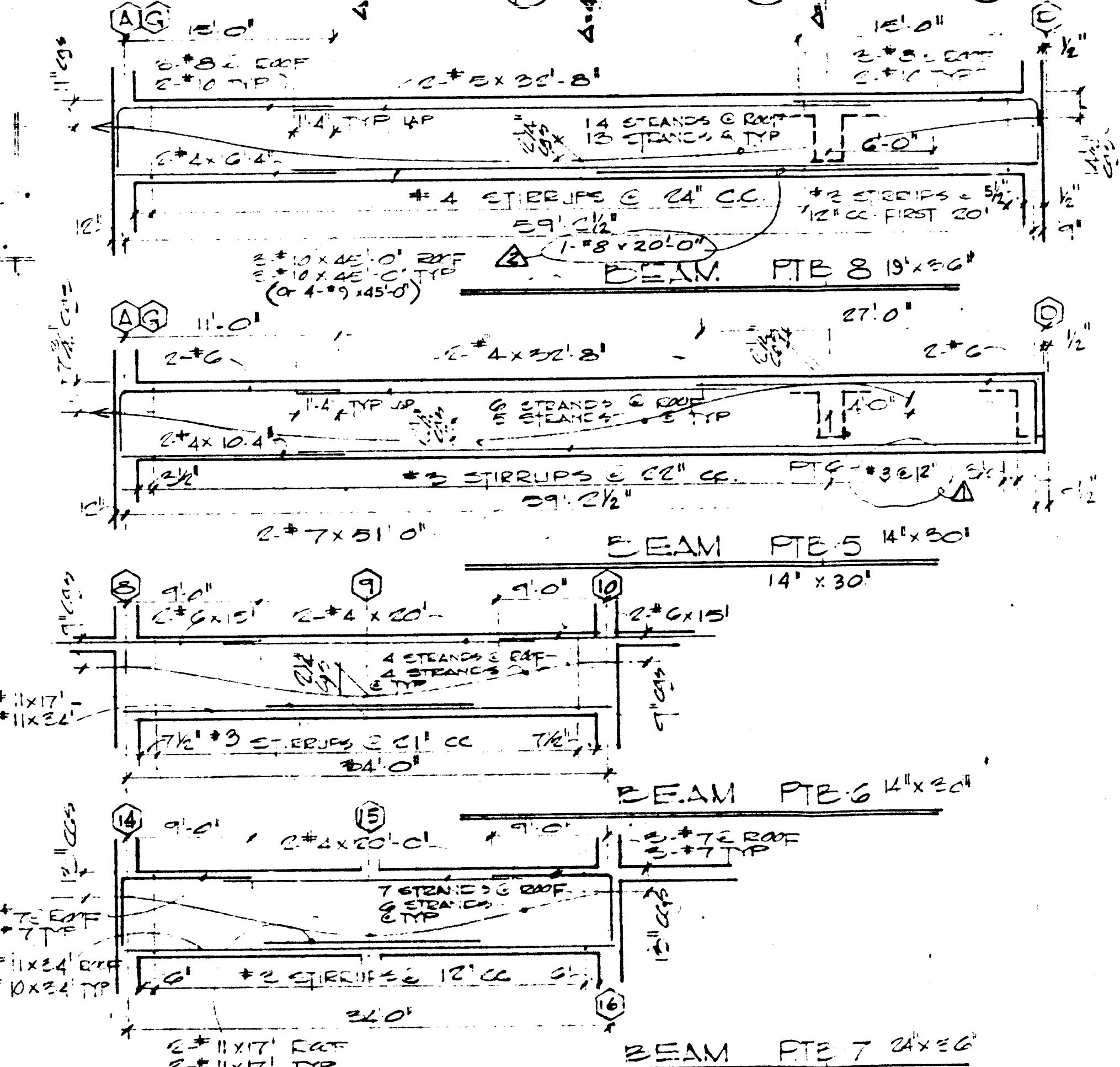
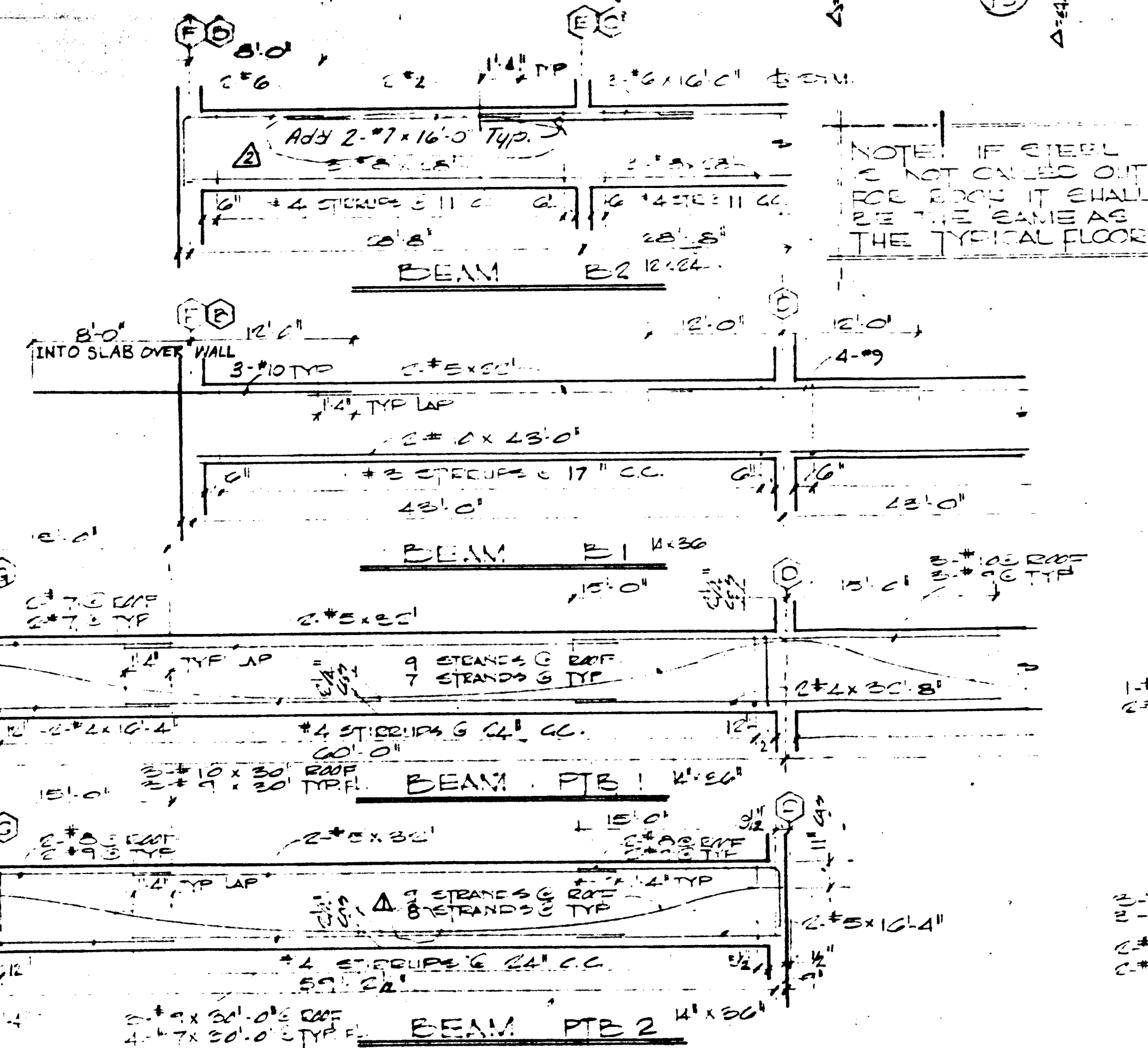
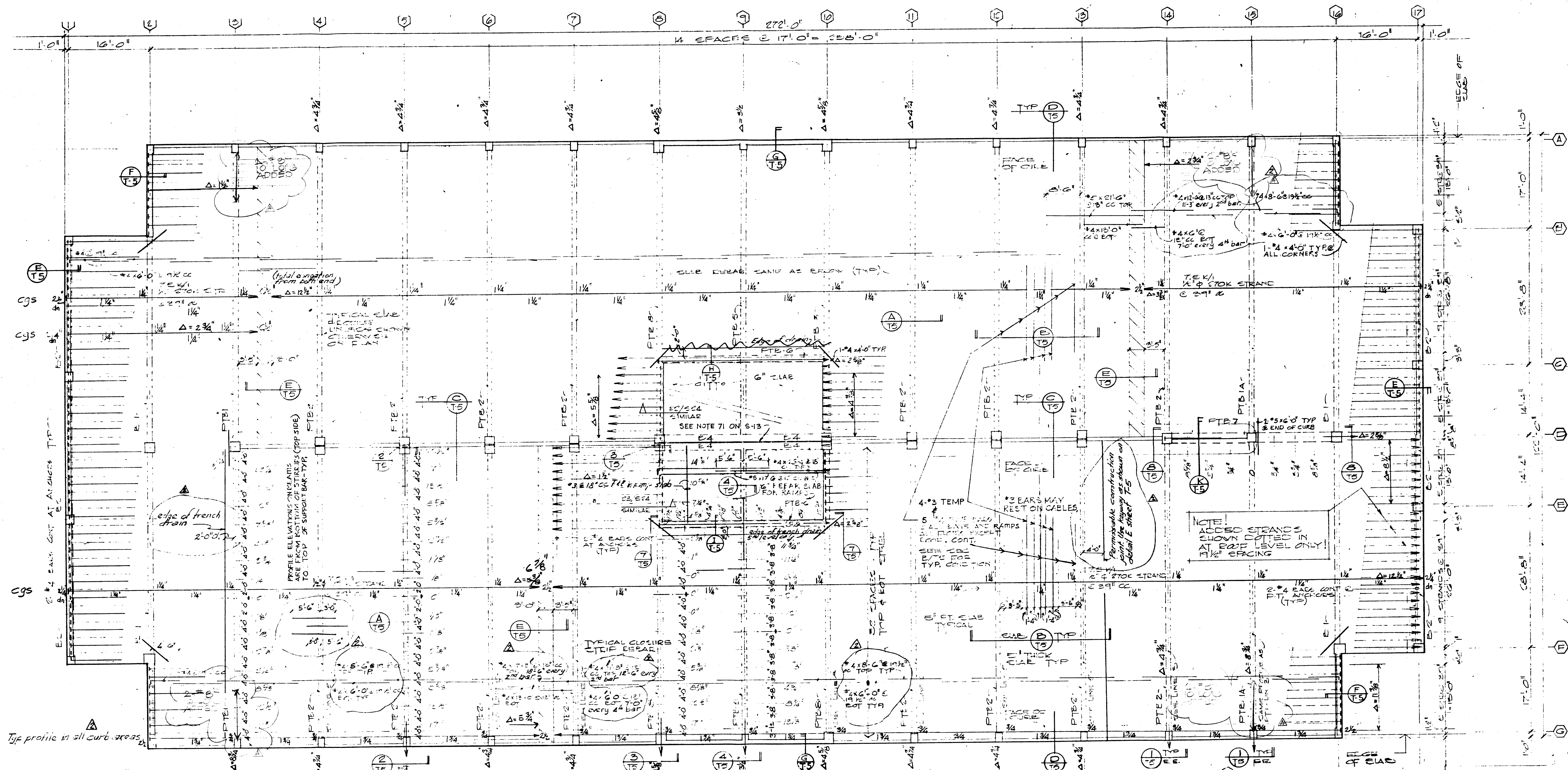
COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE, N.W.
ALBUQUERQUE, NEW MEXICO

fmb

FRAMING DETAILS

TCP DW S-24



NOTE: EXTEND EVERY THIRD BOTTOM BAR INTO SUPPORTS AT ALL END BAYS INCLUDING THOSE AT THE RAMP BETWEEN C & E. PLACE A STD 90° BEND ON ALL TOP BARS AT DISCONTINUOUS EDGES.

RECORD DRAWINGS
 FMDCM
 DATE 12/15/82

REVISION 12-82
 REVISED 10-27-82
 REVISED 10-13-82 (PTB-2, PTB-5)
TYPICAL LEVEL

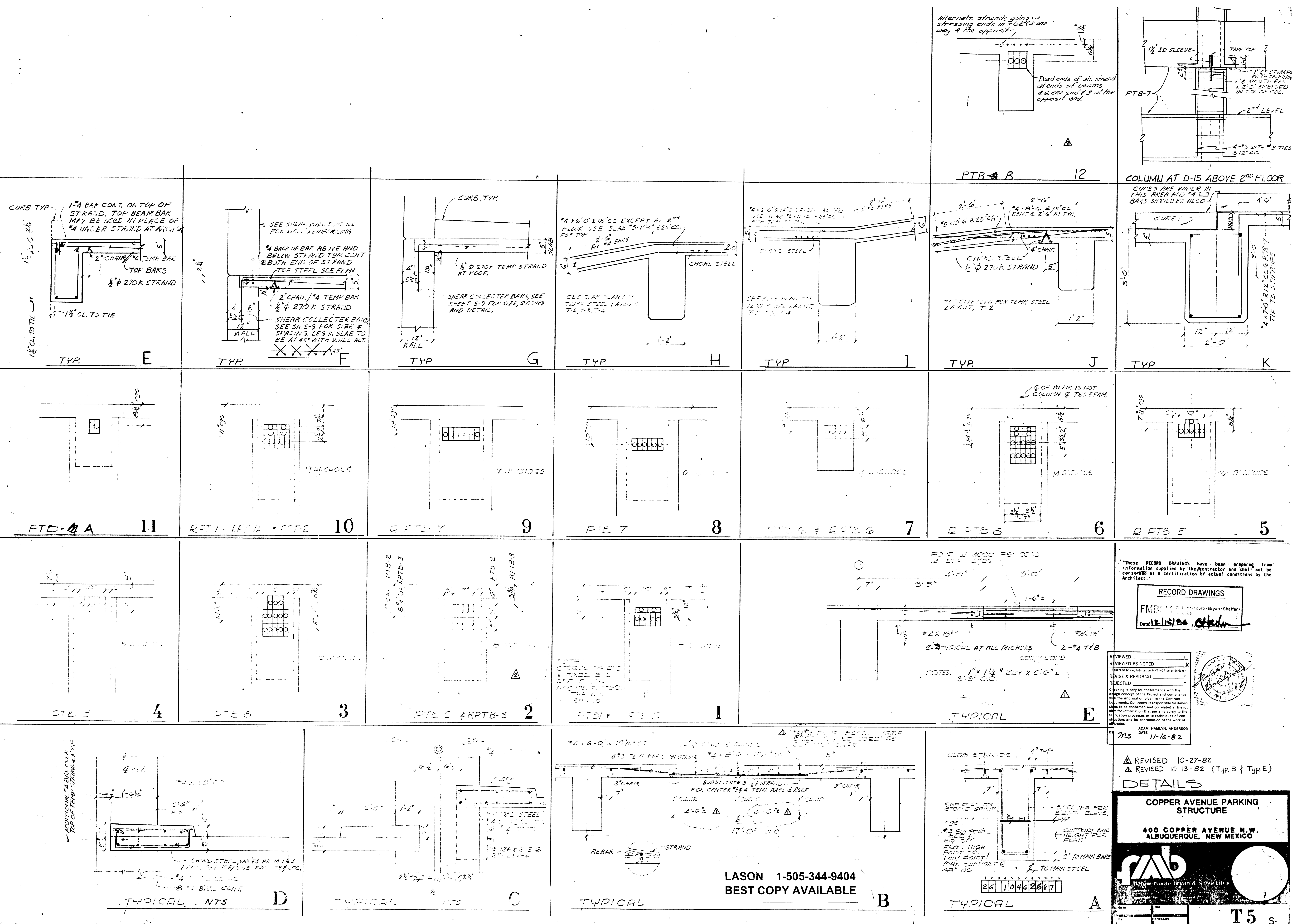
LASON 1-505-344-9404
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26 10462427

COPPER AVENUE PARKING STRUCTURE
 400 COPPER AVENUE N.W.
 ALBUQUERQUE, NEW MEXICO

fmb
 HATOW MOORE BRYAN & ASSOCIATES
 ARCHITECTS, ENGINEERS, PLANNERS
 1116 17TH AVENUE N.W.
 ALBUQUERQUE, NEW MEXICO 87102

T3



These RECORD DRAWINGS have been prepared from information supplied by the Contractor and shall not be considered as a certification of actual conditions by the Architect.

RECORD DRAWINGS

FMD 11-15-82

REVIEWED AS NOTED

REUSE & RESUBMIT

REJECTED

Checking is only for conformance with the design concept of the Project and compliance with the information given in the Contract Documents. Contractor is responsible for dimensions to be confirmed and corrected in the field for information that remains solely in the fabrication process or in techniques of construction and for coordination of the work of submittals.

ADAM, HANLYN, ANDERSON

DATE 11-16-82

REVISD 10-27-82

REVISD 10-13-82 (Typ B & Typ E)

DETAILS

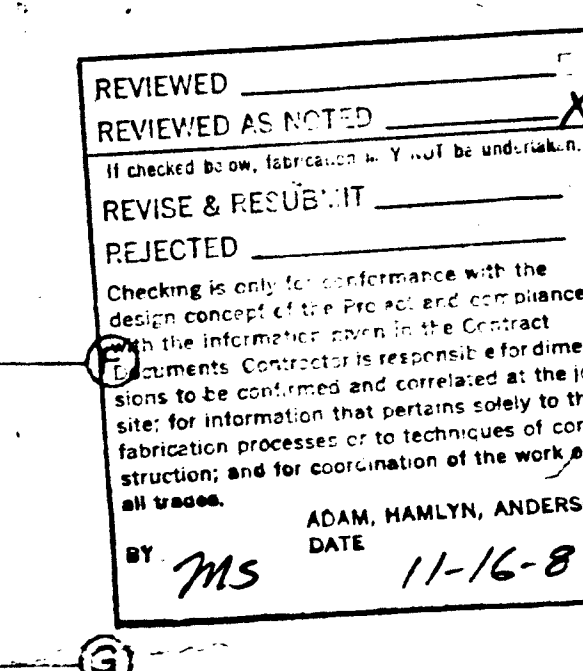
COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

amb

10/10/82

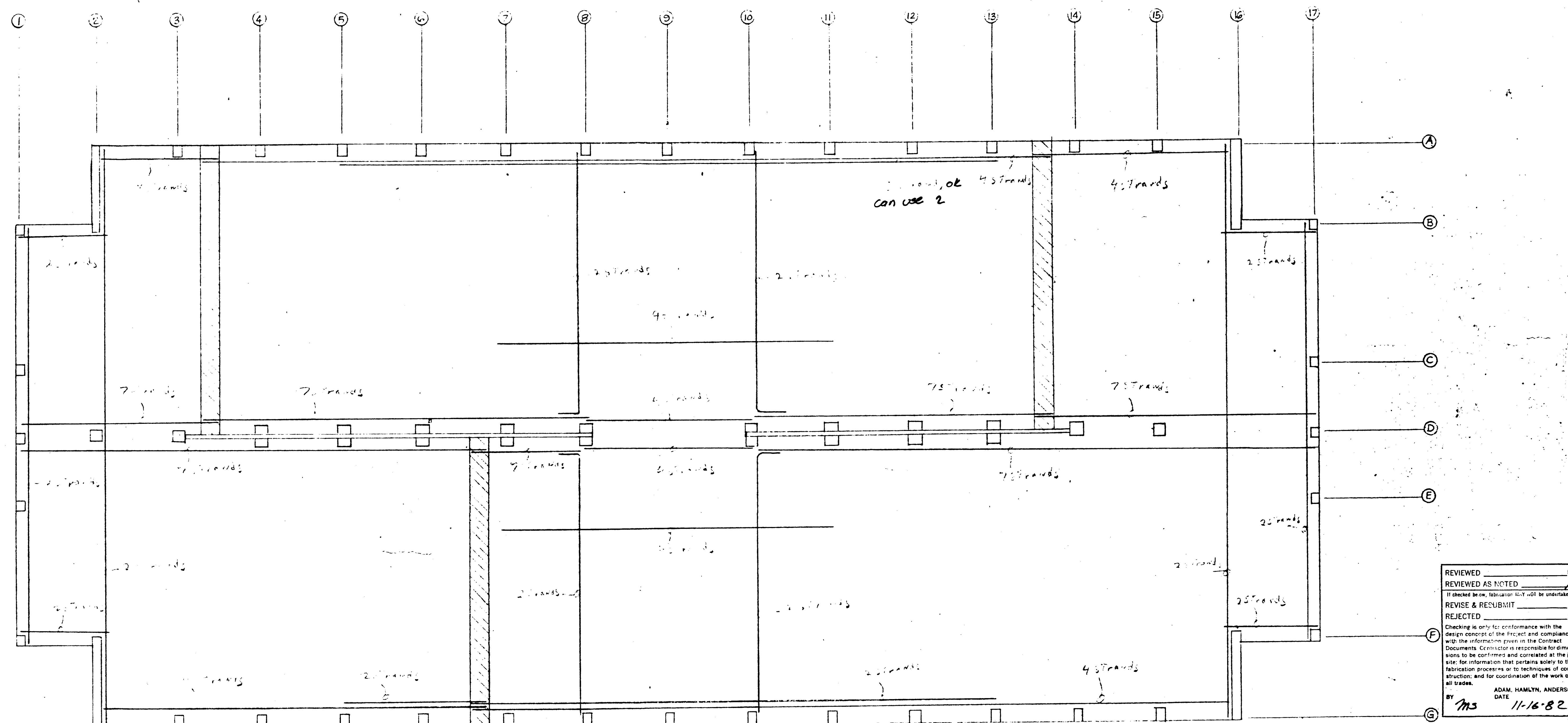
T5



RECEIVED
ADAMS HALL
ALBANY

HARWOOD ENGINEERING, INC.
17620 Sherman Way #7
Van Nuys, CA 91406
(213) 881-3321

CONCRETE STRUCTURES • STEEL STRUCTURES • POSTTENSIONING SPECIALISTS
Residential • Commercial • Industrial • Highways • Bridges • Marine • Airport • Parks •



REVIEWED	AS NOTED	☒
REVISIT	RESUBMIT	☐
REJECTED		☐

Checking is only for conformance with the design concept of the project and compliance with the information given in the Contract Documents. Contractor is responsible for dimensions to be confirmed and corrected at the job site for information that pertains to the job. The contractor is responsible for the fabrication process or to technique of construction, and for coordination of the work of all trades.

BY *ms* DATE 11-16-82

CHORD STEEL LAYOUT
5th Floor

All Chord Steel Shall be bare
270 ksi 1/2" ϕ 7 wire strand.

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Min Splice L = 3'-0"

1 2 3 4 5 6 7 8 9 10 11
2 3 4 5 6 7 8 9 10 11

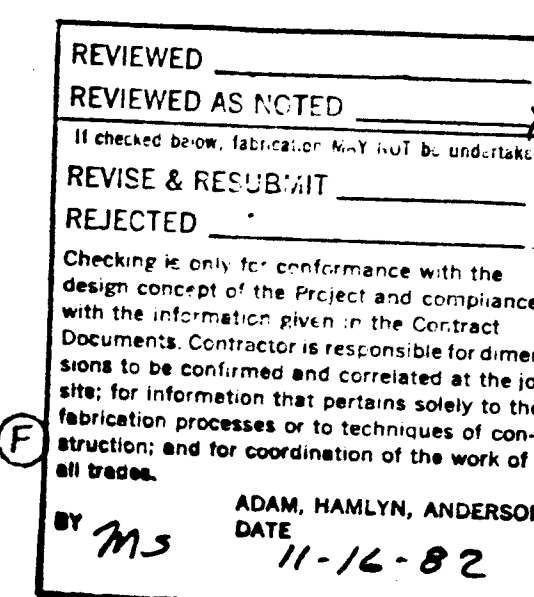
5th Level Chord Steel

SHOP DRAWINGS
COPPER AVE PARKING STRUCTURE

These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual condition by the Architect.

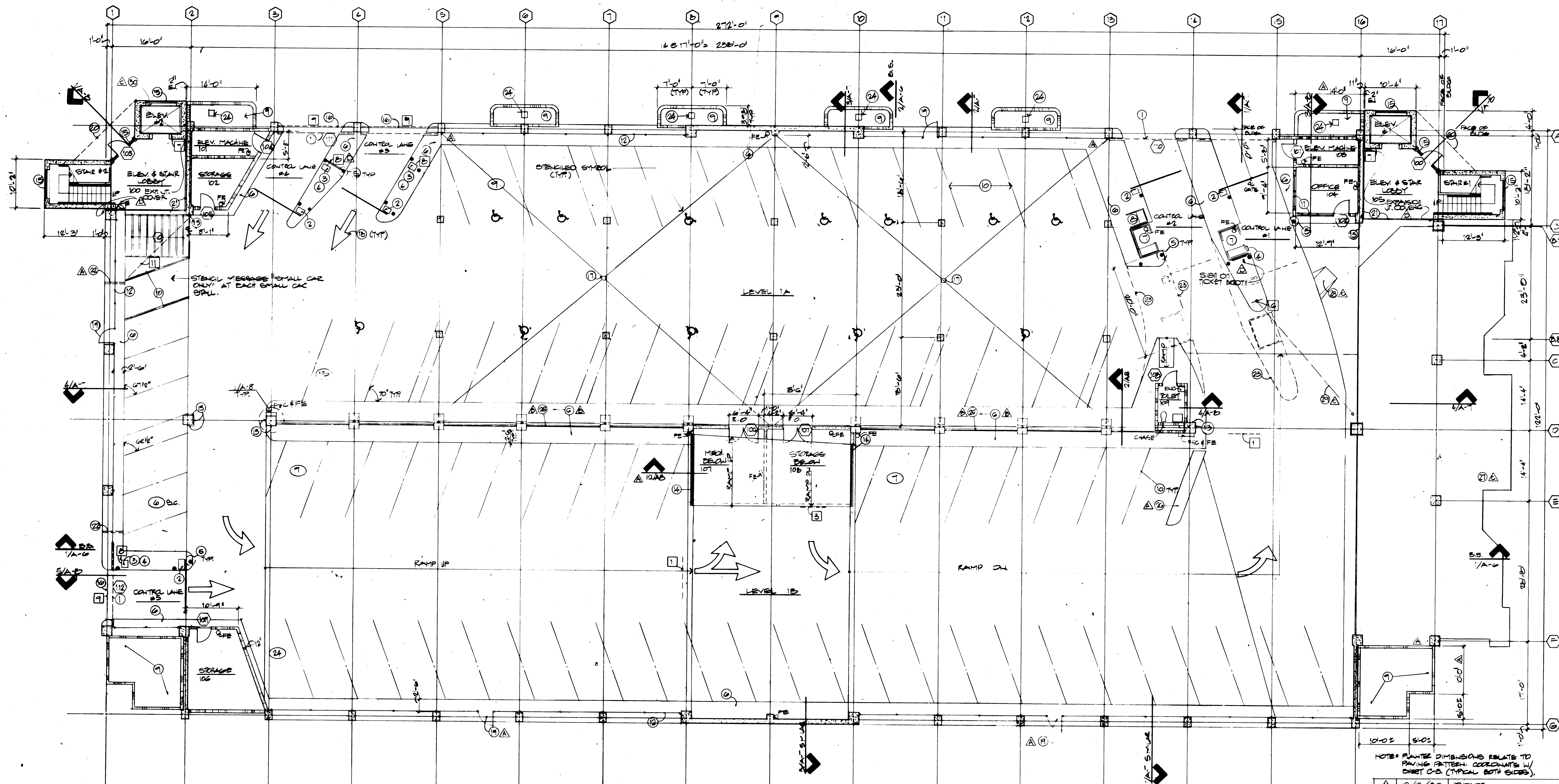
RECORD DRAWINGS	
FMBSM	Flatow-Moore-Bryun-Shaffer-McCabe
Date: 12/15/86	By: <i>Chas</i>

HARWOOD ENGINEERING, INC.	
Albuquerque (505) 294-2143	Van Nuys, CA 91406 (213) 881-3621
CONCRETE STRUCTURES - STEEL STRUCTURES - POST-TENSIONING SPECIALISTS	
Tulsa • Kansas • Oklahoma • Missouri • Texas • New Mexico • Colorado • Arizona	



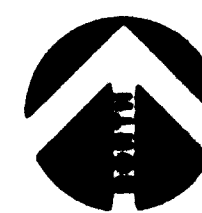
HARWOOD ENGINEERING, INC. 17620 Sherman Way #7 Van Nuys, CA 91406 (213) 881-3621		Omaha (402) 734-1542
CONCRETE STRUCTURES — STEEL STRUCTURES — POST-TENSIONING SPECIALISTS Albuquerque • Kansas • Oklahoma • Missouri • Texas • New Mexico • California • Arizona		

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GROUND FLOOR PLAN
1/2\"/>

PARKING SUMMARY:
TOTAL STALLS: 71
REGULAR: 52
SMALL CAR: 15
HANDICAP: 12



GENERAL NOTES

A. REFER TO STRUCTURAL DRAWINGS FOR
OR OF CURB ELEVATIONS.

B. INDICATED SIGN, REFER
TO SHEET A-12 FOR DETAILS.

C. REFER TO SHEET A-10 FOR ENLARGED
PLANS OF CONTROL LANE, TOILET &
OFFICE.

D. REFER TO SHEET A-11 FOR ENLARGED
PLANS OF STAIRS & ELEVATORS.

E. DRIVING AND PARKING RAMPING
WALLS RECEIVE A RAISED FINISH
ON CONCRETE SURFACES IN DIRECTION OF
WATER FLOW. BEDDING FINISH ON OTHER
SURFACES & ADJACENT FINISH ON
ELEV. & STAIR LOBBIES, (TYP).

F. USE BLOCK FILL INSULATION IN OFFICE &
TOILET CHASE WALLS ONLY.

G. FIRE RESISTANT WALL MOUNTED FIRE
EXTINGUISHER.

H. INDICATED NO. OF PARKING STALLS
PER ROW.

NOTES

1. ROLLING GRILL DOOR ABOVE

2. GATE MECHANISM

3. TICKET PRINTER

4. CARO SENSOR

5. 6\"/>

6. 4\"/>

7. TOLL BOOTH

8. 4\"/>

9. PAINTER (CHU)

10. PAINTER LINES (TYPICAL, DOUBLE STRIPED)

11. 3\"/>

12. CHAIN LINK FENCE PERIMETER ENCLOSURE.

13. GRAPHICS (REFER TO SHEET A-12).

14. 2\"/>

15. LEXAN IN THERMAL ALUMINUM FRAME (SEE A-11)

16. BARRIER BEAM ABOVE 1/4\"/>

17. FLOOR DRAIN

18. PAINTED DIRECTIONAL ARROW

19. FIRE DEPT. ACCESS PANEL (1/4\"/>

20. WE OF CANOPY ABOVE

21. 2\"/>

22. PROVIDE 3\"/>

23. LINE REPRESENTS FUTURE LOCATION
OF ISLANDS & TOLL BOOTH.

24. ALTERNATE #5 PRECAST PAINTER SEE A-11

25. 26\"/>

26. CONC. RETAINING WALL SEE STRUCT.

27. TENANT DEVELOPMENT

28. HANDICAP RAMP

29. GUARD CHAIN

30. FLEXGLASS WINDOW WALL GUARD AT
ELEVATOR SHAFT.

MATERIALS LEGEND

CONCRETE
MASS CONCRETE
METAL
EARTH

*These RECORD DRAWINGS have been prepared from
information supplied by the contractor and shall not be
considered as a certification of actual conditions by the
Architect.*

1 2 3 4 5 6 7 8 9 10
26 10 6 30 8 7

11/2/04
11/2/04
11/2/04

NOTE: PLANTER DIMENSIONS RELATE TO
PAVING PATTERN. COORDINATE W/
SHEET C-2. (TYPICAL BOTH SIDES).

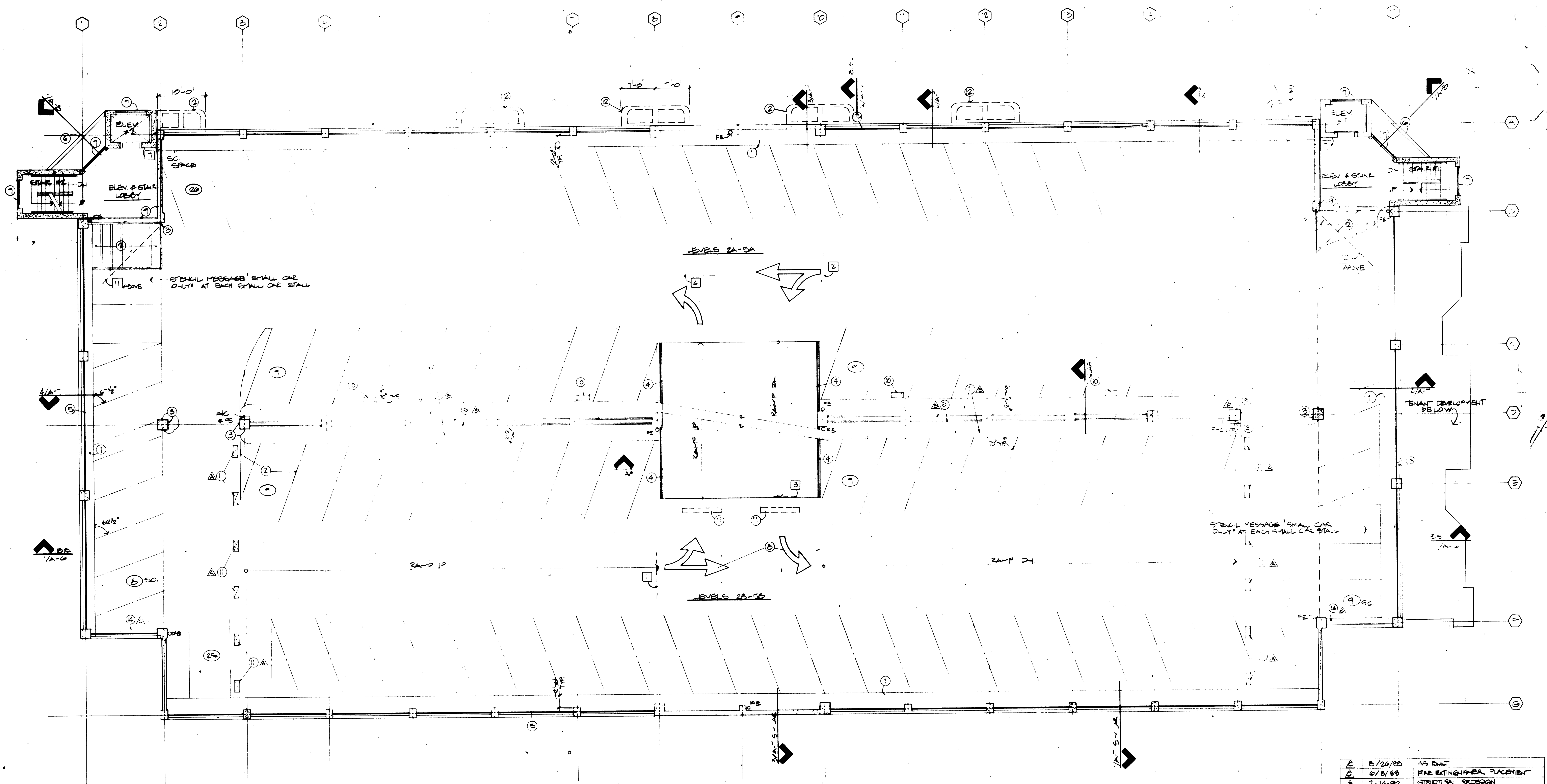
DATE	BY	REVISION
12/15/00	IP DATE	
8/20/00	AS BUILT	
7/14/02	STRUCTURAL REVISION	
7/14/02	GENERAL REVISIONS	

**COPPER AVENUE PARKING
STRUCTURE**

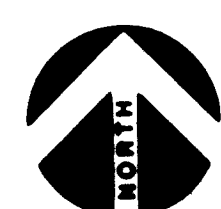
200 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

fab

11/2/04



TYPICAL FLOOR PLAN
 1/8" = 1'-0" (2-D-5TH)
 PARKING SUMMARY:
 TOTAL STALLS: 104
 REGULAR: 80
 SMALL CAR: 12



- GENERAL NOTES**
- REFER TO STRUCTURAL DRAWING FOR TOP OF GRADE ELEVATIONS.
 - INDICATES NO. OF PARKING STALLS PER ROW.
 - INDICATES SIGN. REFER TO SHEET A-12 FOR DETAILS.
 - DRIVING AND PARKING RAMP SHALL RECEIVE A ROUGH FINISH ON CONCRETE SURFACE IN DIRECTION OF WATER FLOW. SMOOTH FINISH ON OTHER SURFACES AND ABRASIVE FINISH ON ELEVATOR AND STAIR LOBBIES (TYP).
 - FE - INDICATES WALL MOUNTED FIRE EXTINGUISHER.
 - FE PLACEMENT BASED ON 1 FE/3000 SF OR MORE THAN 75' TRAVEL DISTANCE TO FE.

- NOTES**
- 6" HIGH CONCRETE CURB
 - PAINTED LINES (TYPICAL, DOUBLE STRIPED)
 - GRAPINGS (SEE A-12)
 - 2'-0" HIGH CONCRETE CURB WITH 2 1/2" STEEL PIPE GUARD RAIL
 - 2 1/2" OD PIPE RAILING & INTERMEDIATE VERTICALS & 1/2" AIRCRAFT CONTROL CABLE
 - ENTRANCE CANOPY BELOW (2ND LEVEL)
 - DOWN 4" TUBULAR ALUMINUM FRAME (SEE A-11)
 - PAINTED DIRECTIONAL ARROW (TYP)
 - 2" EXPANSION JOINT COVER TYPICAL ALL LEVELS. SEE DETAIL G/A-10.
 - TRENCH DRAIN REFER TO PUMPING.
 - TRENCH DRAIN @ LEVEL 5B ONLY. SEE PUMPING.
 - PRECAST PLANTER (LEVEL 2A) ALTERNATE #3 SEE A-14.
 - TENANT DEVELOPMENT
 - 2' CURB

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26 10 4 3 10 7

11/21/04 DAW

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6	5/26/88	AS BUILT
6	6/8/89	FIRE EXTINGUISHER PLACEMENT
7	7-14-89	STRUCTURAL REDBORN
7	7-14-89	GENERAL REVISIONS

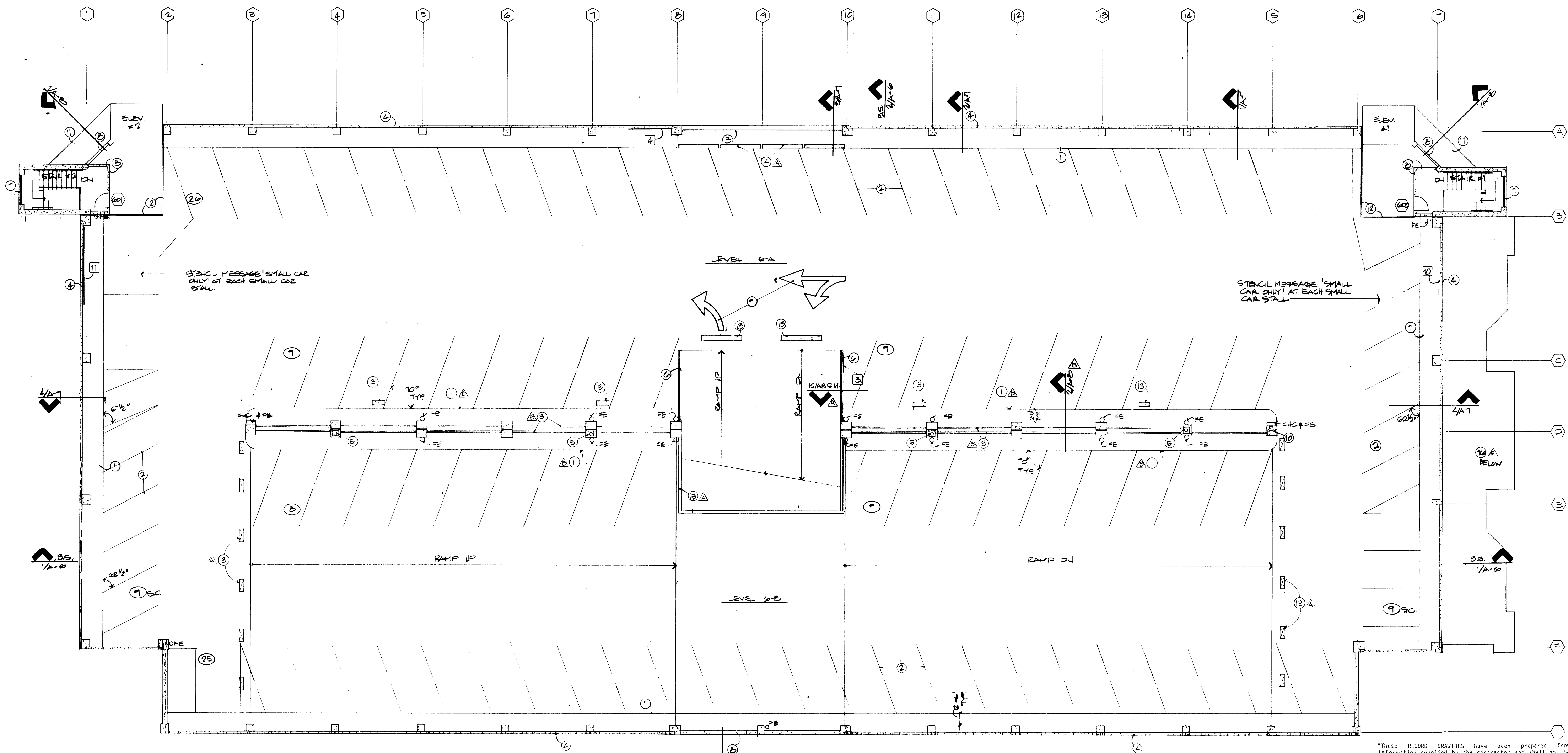
COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
 ALBUQUERQUE, NEW MEXICO

rmb

1/22/88 11-1 TYPICAL FLOOR PLAN

MAW



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Date: 11/24/84 DWG.

ALTERNATE ROOF PLAN
1/8/81-01

PARKING SUMMARY:
TOTAL STALLS: 104
REGULAR = 80
SMALL CAR = 10



- GENERAL NOTES**
- REFER TO STRUCTURAL DRAWINGS FOR TOP OF SLAB ELEVATIONS
 - INDICATES B.O.M. REFER TO SHEET A-12 FOR DETAILS
 - INDICATES NO. OF PARKING STALLS PER ROW
 - DRIVING AND PARKING RAMP SHALL RECEIVE A RAMP FINISH ON CONCRETE SURFACE IN DIRECTION OF WATER FLOW. BROOM FINISH ON OTHER SURFACES AND ABRASIVE FINISH AT STAIR DECK
 - FE - DENOTES WALL MOUNTED FIRE EXTINGUISHER

- NOTES**
- 6" HIGH CONCRETE CURB
 - PAINTED LINES (TYPICAL, DOUBLE STRIPED)
 - 2 1/2" OD PIPE RAILING & INTERMEDIATE SUPPORTS (VERT.) AND 1/2" OD AIRCRAFT CONTROL CABLE
 - PRECAST CONCRETE PANELS
 - LIGHT FIXTURE ON EXTENDED COLUMN
 - 2" HIGH CONCRETE WALL W/ 2 1/2" Q STEEL PIPE GUARDRAIL
 - LEAKAGE GUARDING IN TYPICAL ALUM. FRAME (SEE A-11)
 - POURED CONC. WALL
 - PAINTED DIRECT ORAL ARROW (TYPICAL)
 - NON-STRUCTURAL COL. G.T.H. LOCATION
 - ROOF BELOW
 - 2" EXTERIOR JOINT COVER. SEE DETAIL G-1-B
 - TRENCH DRAIN. REFER TO PLUMBING
 - (4) B PRECAST CONC. BUMPER CURBS
 - C.I.P. COND. WALL
 - TENANT DEVELOPMENT

1 2 3 4 5 6 7 8 9 10 11 12
26 104 63 26 7

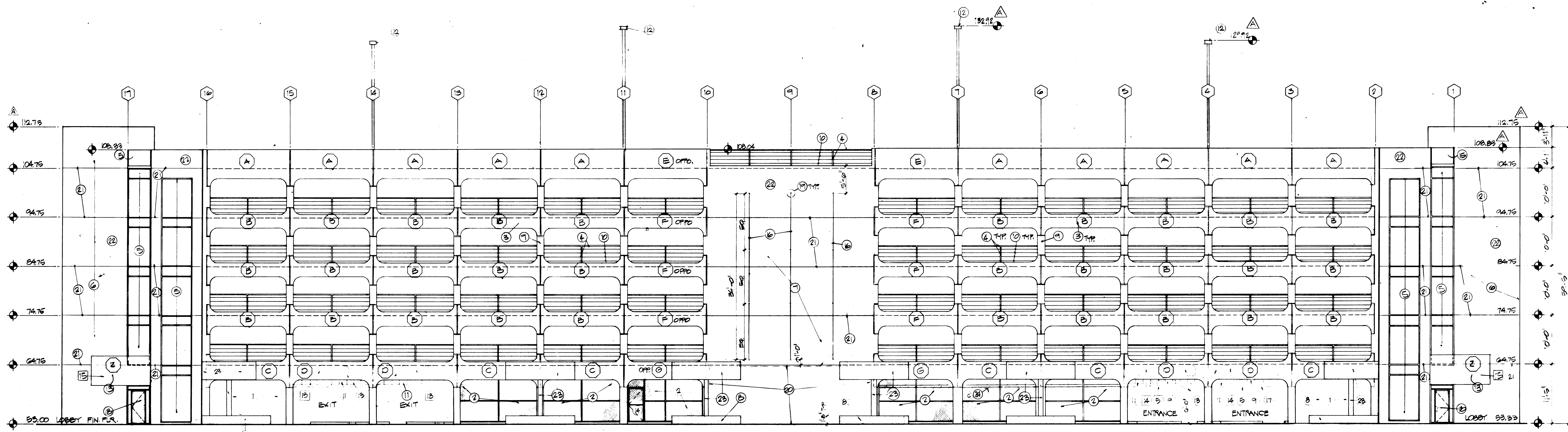
1	8-20-81	AS BUILT
2	7-14-82	STRUCTURAL REVISION
3	7-14-82	GENERAL REVISIONS
REV 6 ONE		

COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

rmb
Hilow Moore Bryan & Associates

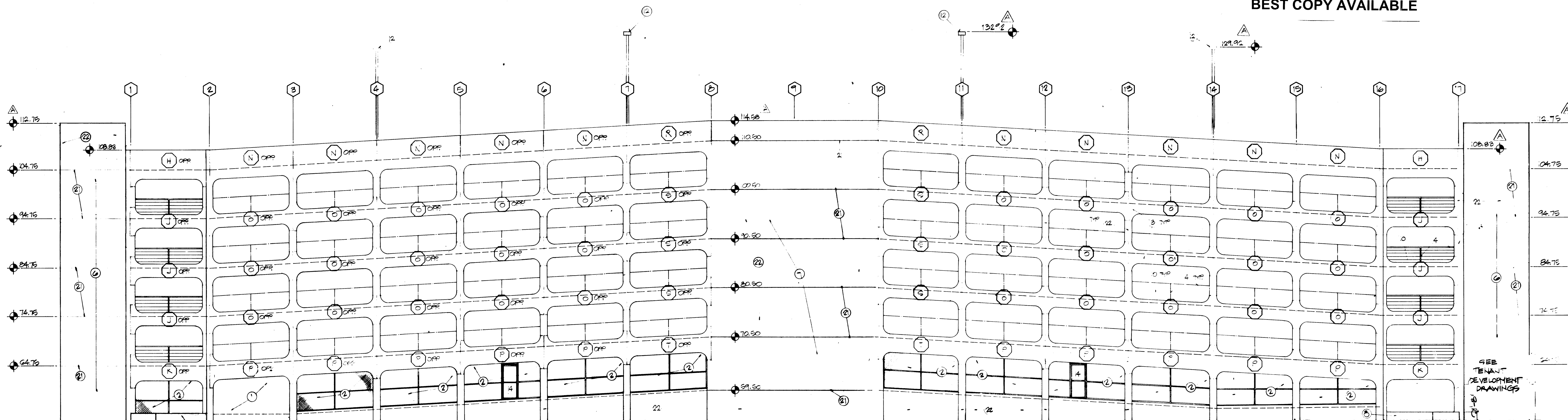
1/22/82 128-A ALTERNATE ROOF PLAN
JRW Checked J.M. A94



NORTH ELEVATION A
1/8"=1'-0"

A. REVISED TO ADD ELEVATIONS
REVISED TO ADD PLANTERS
REVISED TO CORRECT PANEL TYPES C,D,E
REVISED TO CORRECT VENT DIMS

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SOUTH ELEVATION A
1/8"=1'-0"

A. REVISED TO ADD LEVEL GA.
REVISED TO ADD ELEVATIONS
REVISED TO CORRECT FLOOR SLOPES
REVISED TO CORRECT PANEL TYPES H,K,Q,R,T

○ SYMBOL DESIGNATES PRECAST
CONC. PANEL TYPE. REFER TO
SHEETS A-1'S & A-2'S

NOTES

1. SPLIT FACE CMU
2. GAIN LINK PERIMETER ENCLOSURE
3. PRECAST CONCRETE PANELS
4. 2 1/4" Ø STEEL PIPE GUARD RAIL
& INTERMEDIATE SUPPORT (TYPICAL)
5. LEAN GLAZING IN ALUMINUM FRAME (SEBA-11)
6. STAR TOWER BEYOND
7. POURED CONCRETE SHEAR WALL
8. CMU PLANTER
9. PRECAST CONCRETE COLUMNS
10. 1/2" Ø ANCHOR CONTROL CABLE (GAIN, TYP)
11. ROLLING SHUTTER DOOR
12. LIGHT FIXTURE & POLE
13. SIGN FORMED INTO PRECAST PANEL
(REFER TO SHEET A-12)
14. FIRE DEPARTMENT ACCESS PANEL
15. CAST-IN PLACE CONCRETE WALL

16. AWNING FABRIC BANNERS (H.I.C.)
17. EXTERIOR BEAM & SIGN
18. ENTRANCE DOOR & SIDE LIGHTS
SEE A-11
19. BANNER SUPPORT (SEE DETAIL 2A-10)
H.I.C.
20. RAIL (H.I.C.)
21. CONTROL JOINT, REFER TO STRUCTURAL
22. EXTERIOR CONCRETE OVER
EXTERIOR FACE OF C.I.P. CONCRETE
WALLS

23. PRECAST PLANTER, ALTERNATE #3
24. EXTERIOR WIRE

1 2 3 4 5 6 7 8 9 10
26 10463387

6	AUG 20 1985	AG BUILT
7	JULY 14 1982	GENERAL REV
8	JULY 2 1980	GENERAL REV/REVISIONS

COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

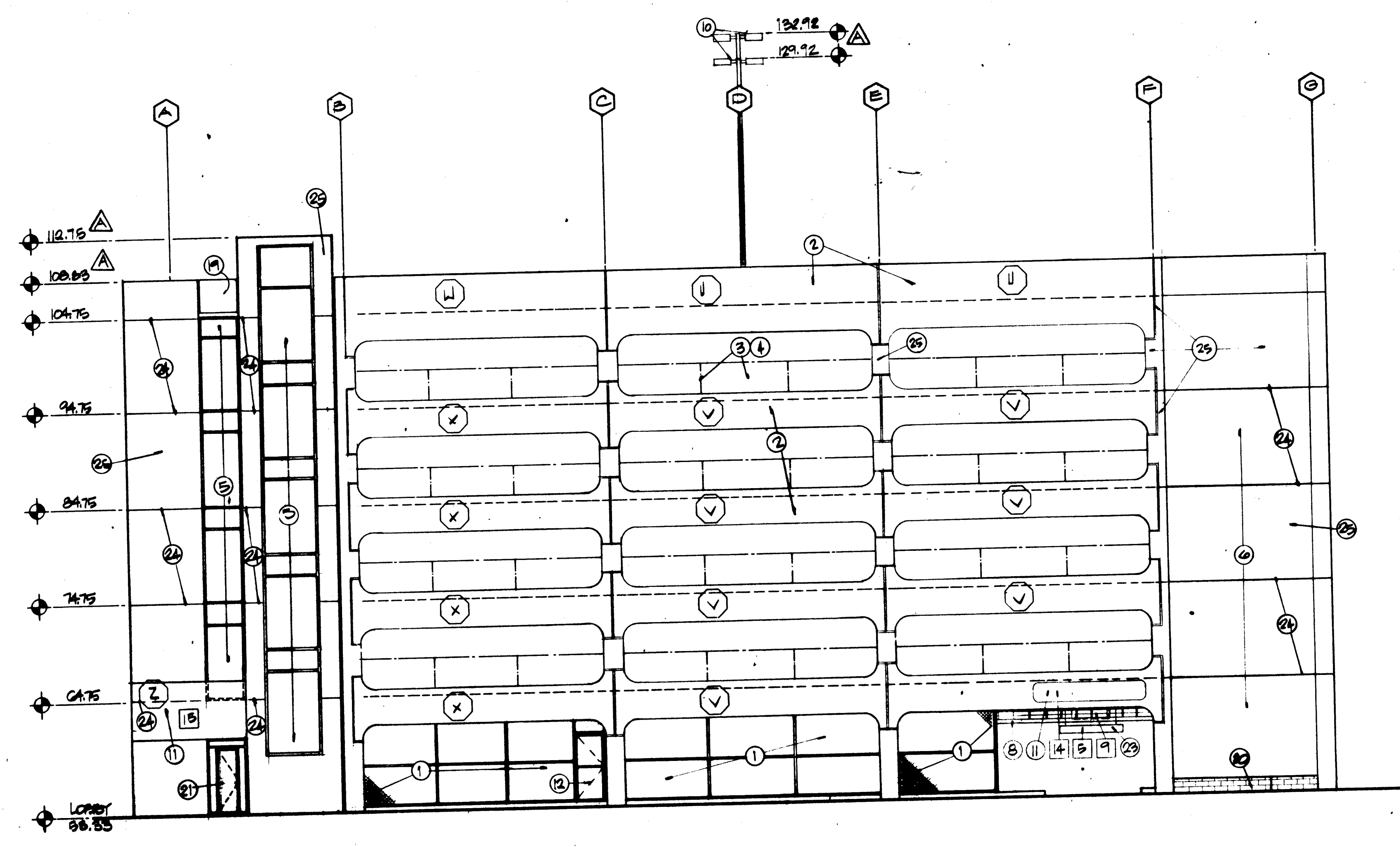
fmb

1/22/82 123-A NORTH & SOUTH ELEVATIONS

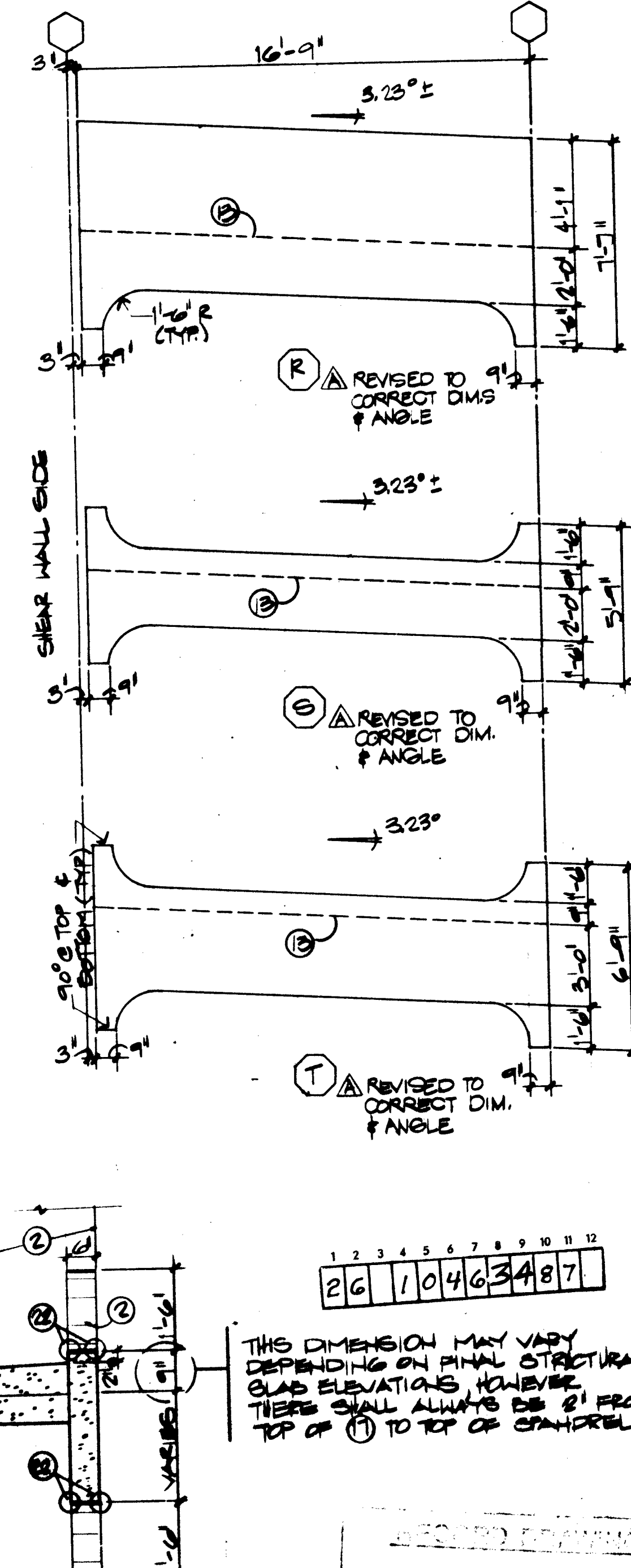
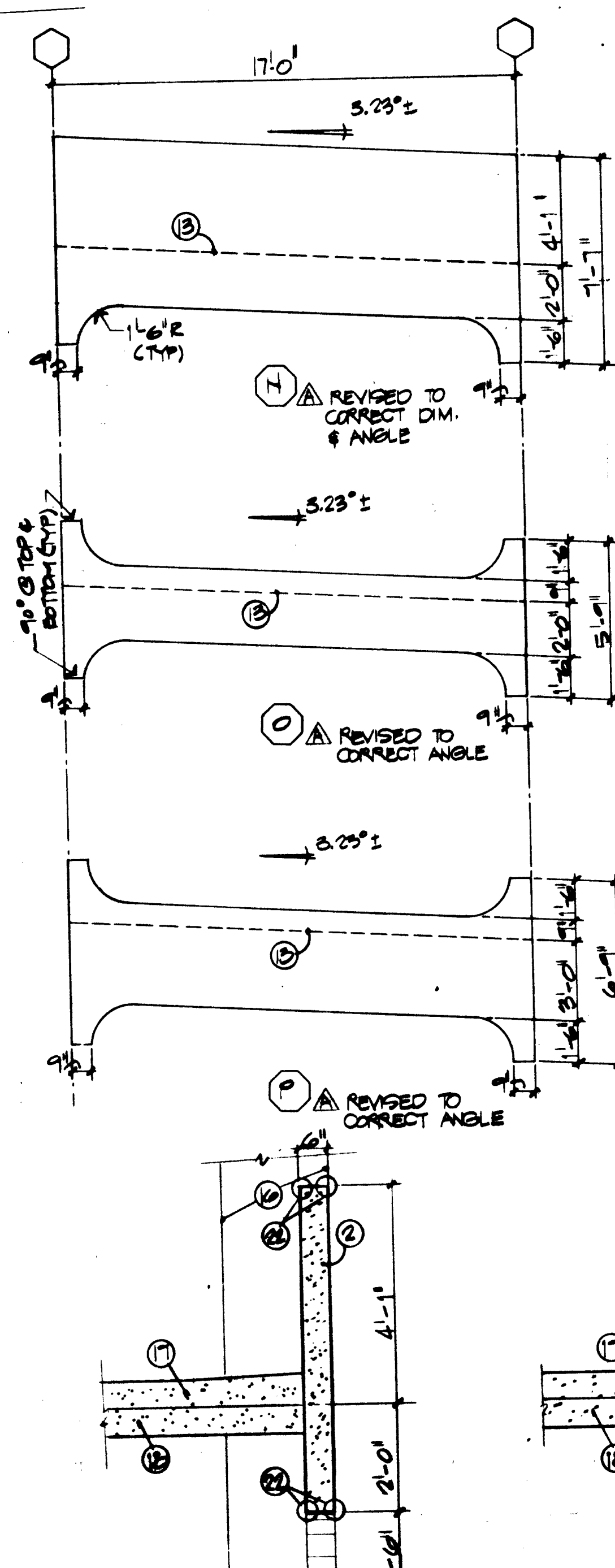
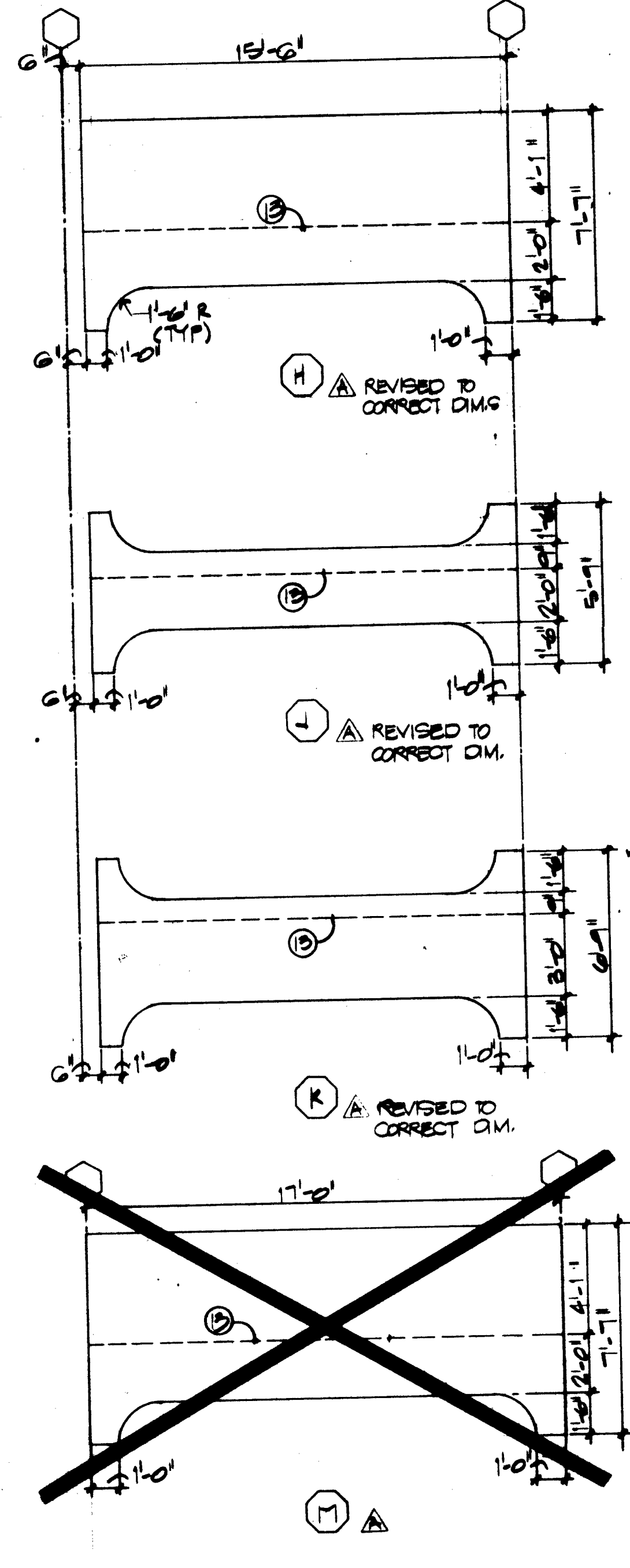
MRW JIM

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11/24/84 D.M.W.



WEST ELEVATION Δ REVISED TO ADD LEVEL G.A.
REVISED TO ADD ELEVATIONS.
18 = 140



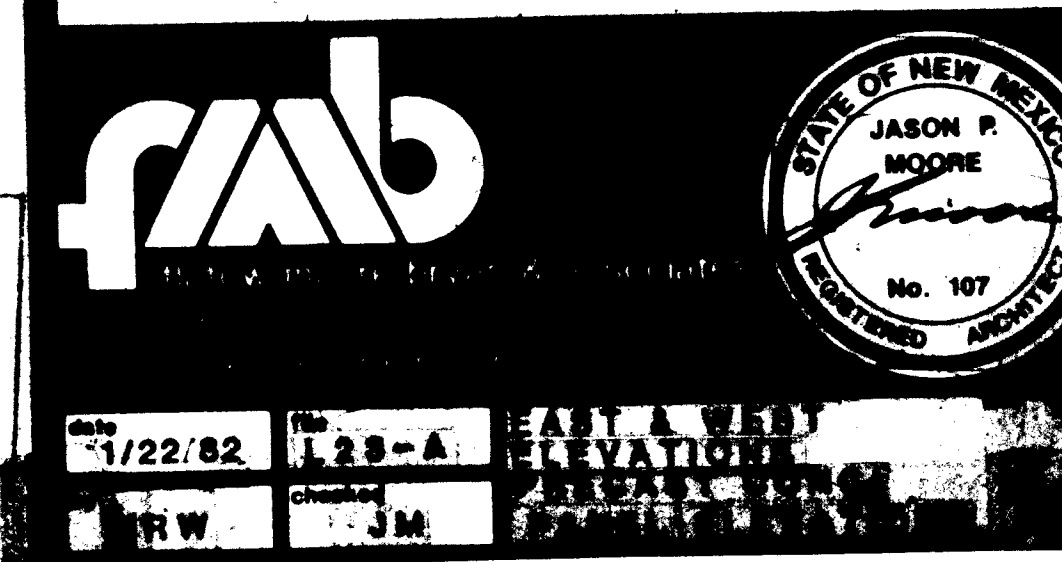
- 1. CHAIN LINK FENCIBLE ENCLOSURES
 - 2. PRECAST CONCRETE PANELS
 - 3. 6" x 8" STEEL PIPE QUANTALOR & INTERMEDIATE SUPPORTS. (TYPICAL).
 - 4. 1/2" OF AIRCRAFT CONTROL CABLE (GALV., TYP.)
 - 5. LEXAN GLAZING IN ALUMINUM FRAME (A-1).
 - 6. POLYED CONCRETE SERRA WALL
 - 7. CELESTED
 - 8. ROLLING GRILL DOOR
 - 9. CELESTED
 - 10. LIGHT FIXTURE AND POLE
 - 11. SIGN FORMED INTO PRECAST PANEL
(REFER TO SHEET A-18)
 - 12. FIRE DEPARTMENT ACCESS PANEL.
 - 13. LINES INDICATING TOP OF STRUCTURAL GLASS
 - 14. 1/4" x 1/4" BLOCK OUT FOR EXAM. (SEE STRUCTURAL).
 - 15. CELESTED
-
- 16. FACE OF COLUMN
 - 17. 6" CIRC (WHEEL STOP)
 - 18. 5" STRUCTURAL SLAB
 - 19. CAST IN PLACE CONCRETE WALL
 - 20. CIVIL PLANTER
 - 21. ENTRANCES AND SIDE LIGHTS, SEE A-11.
 - 22. CHAIRS AND BENCHES (TYPICAL AND REMAIN)
 - 23. PARKING SIGN & SIGN
 - 24. CONTROL JUNT. REFER TO STRUCTURAL
 - 25. GRAY ON CEMENTATION CONTING ON EXTERIOR
FACE OF C.I.P. CONCRETE WALLS.

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	AUG 24, 1983	AG BUILT
A	JULY 14, 1982	GENERAL REVISION
A	JULY 1, 1982	STRENGTHEN DESIGN
A	JULY 2, 1982	GENERAL REVISIONS
		REVISIONS

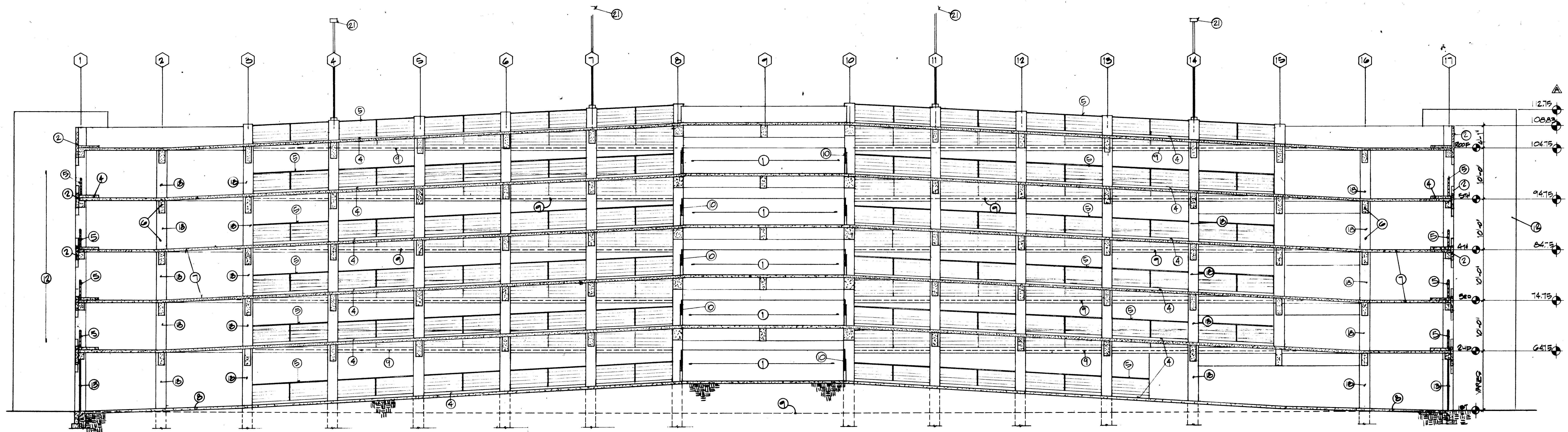
**COPPER AVENUE PARKING
STRUCTURE**

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

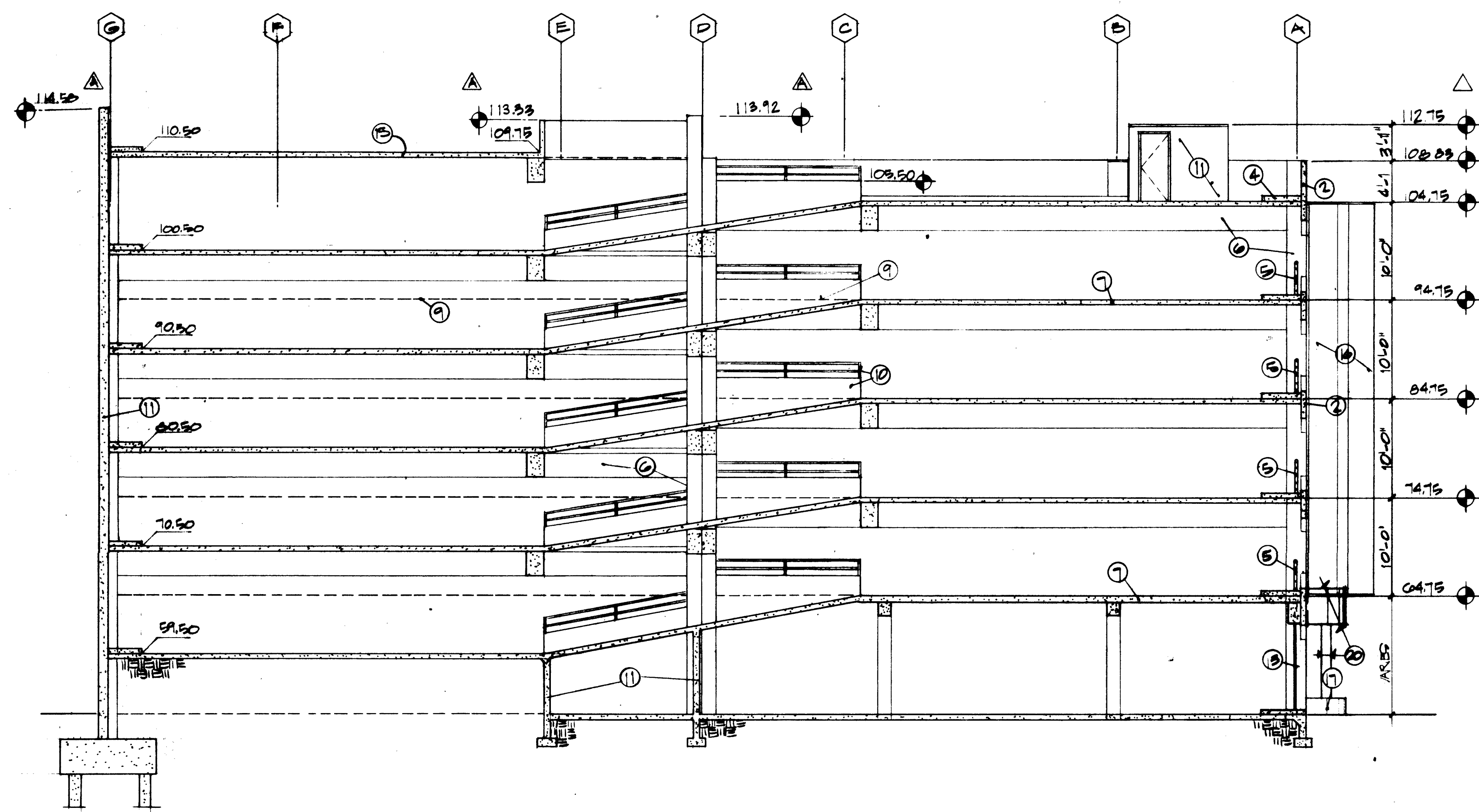


TYPICAL PRECAST CONC. PANELS ELEVATIONS
1/4"=1'-0"

NOTE: PANEL MANUF. MUST VERIFY ALL DIMENSIONS
REFER TO BUILDING ELEVATIONS FOR PANEL
LOCATIONS.

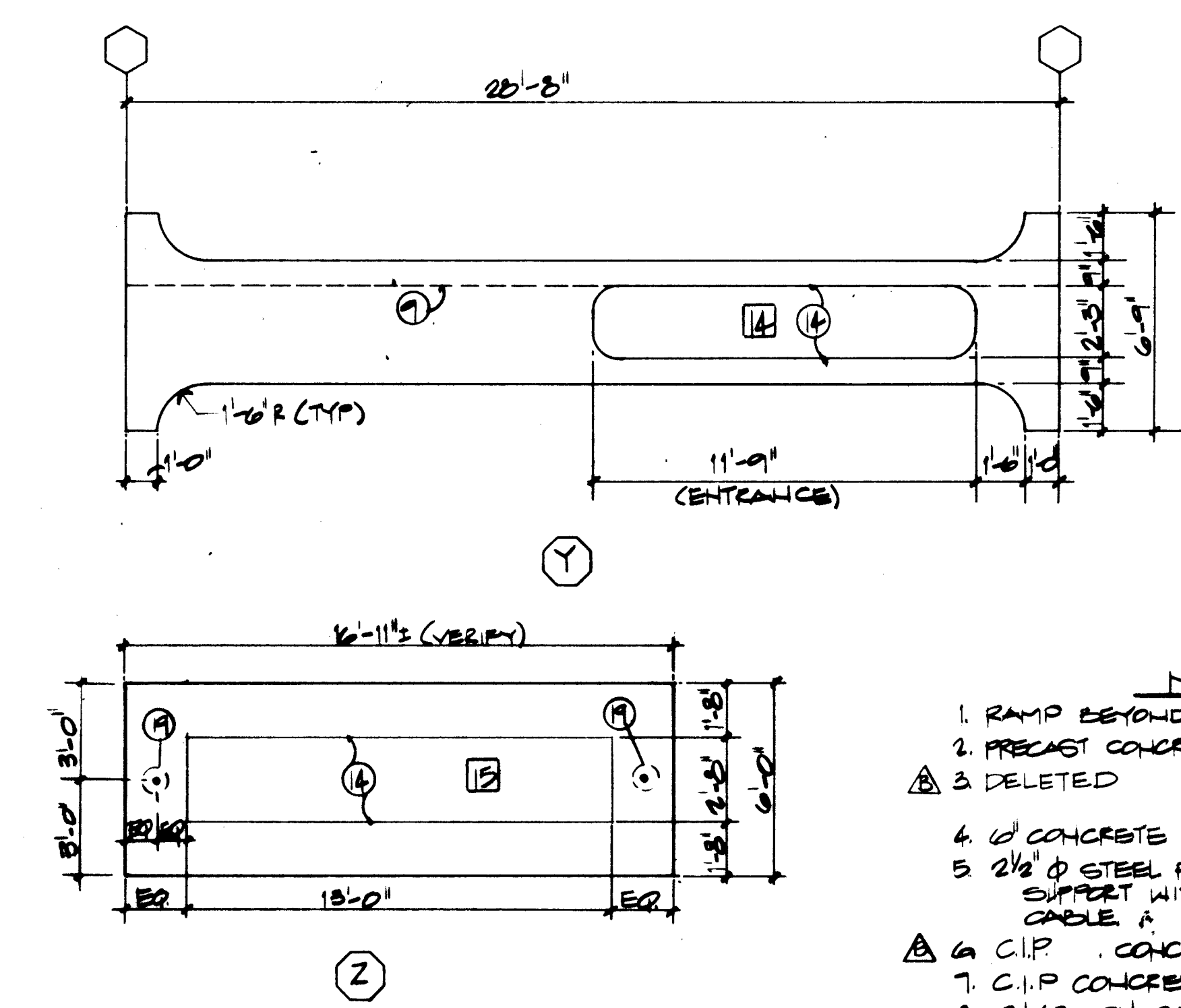
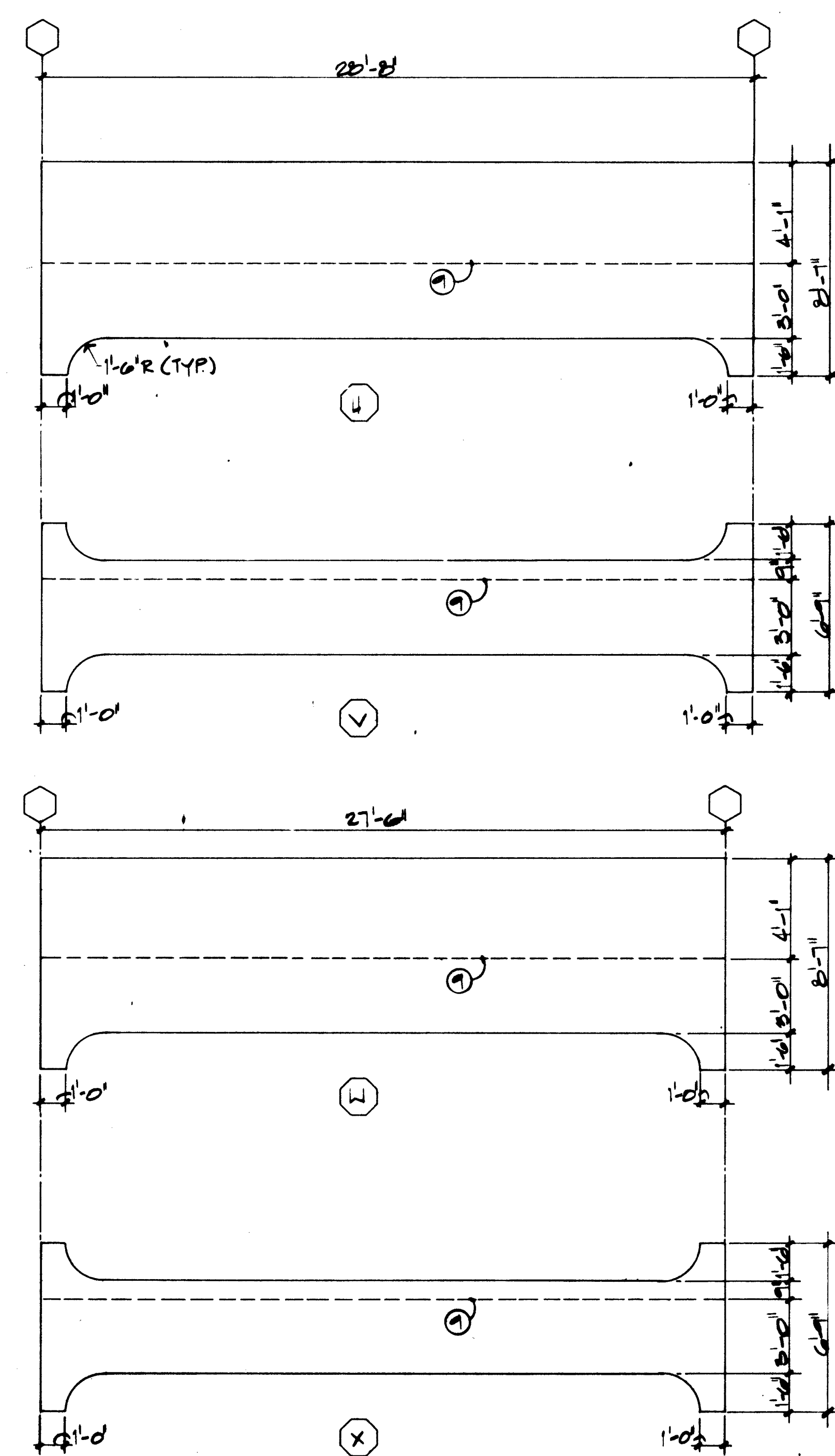


BUILDING SECTION
1/8" = 1'-0"



BUILDING SECTION
1/8" = 1'-0"

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- NOTES
1. RAMP BEYOND
 2. PRECAST CONCRETE PANEL
 3. DELETED
 4. 6\"/>
 - 5. 2 1/2\"/>
 - 6. C.I.P. CONCRETE BEAMS & COLLARS
 - 7. C.I.P. CONCRETE SLAB
 - 8. SLAB ON GRADE
 - 9. LINE OF FLOOR BEYOND
 - 10. 2 1/2\"/>
 - 11. C.I.P. CONCRETE WALL
 - 12. STAIR TOWER BEYOND
 - 13. PERIMETER ENCLOSURE
 - 14. SIGN CAST INTO PANEL. REFER TO SHEET A-12
 - 15. DELETED
 - 16. ANNING FACED BALCONIES (BEYOND) I.I.C.
 - 17. CMU PLANTER (BEYOND)
 - 18. GRAPHICS (REFER TO SHEET A-12)
 - 19. 2 1/2\"/>
 - 20. PRECAST PLANTER ALTERNATE #5
 - 21. LIGHT FIXTURE & POLE

26 1 0 4 6 3 5 8 7

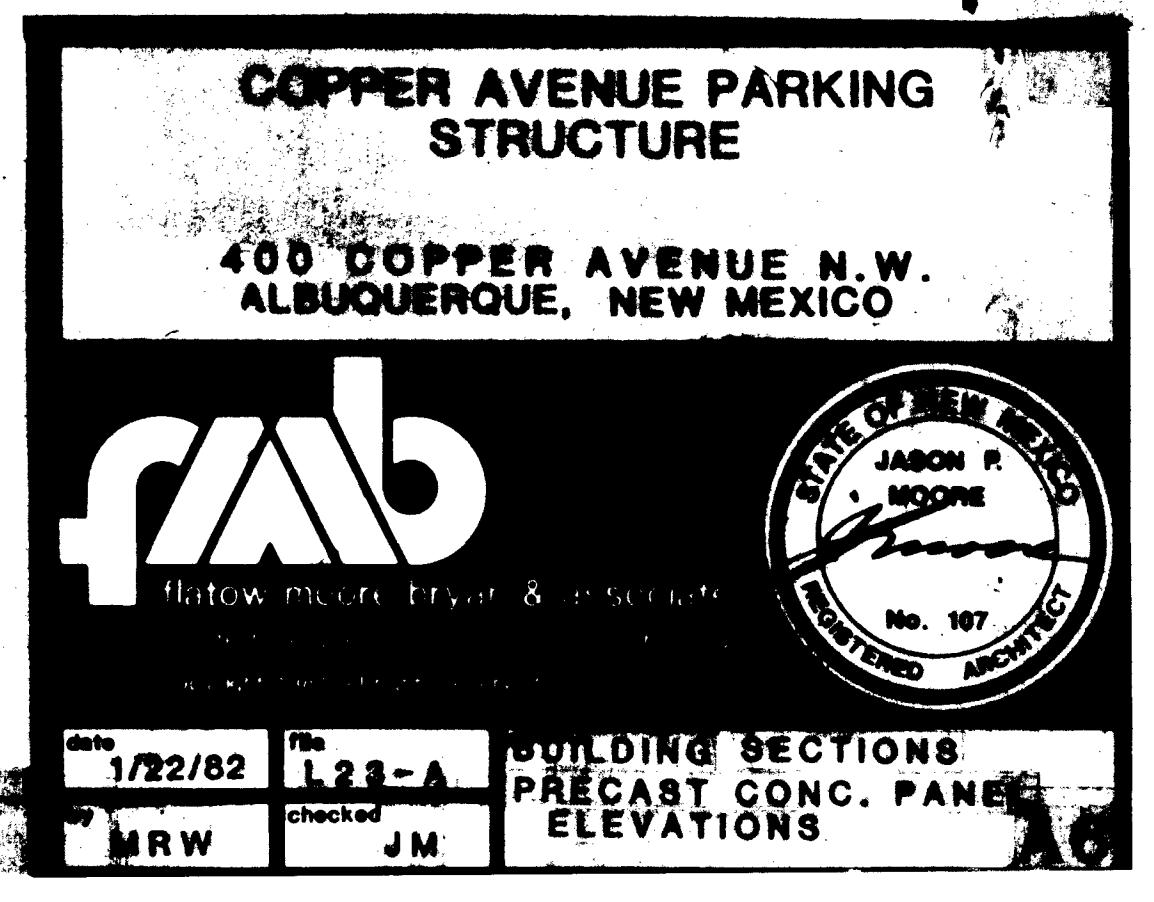
TYPICAL PRECAST CONC. PANEL ELEVATIONS (CONT.)
1/8" = 1'-0"

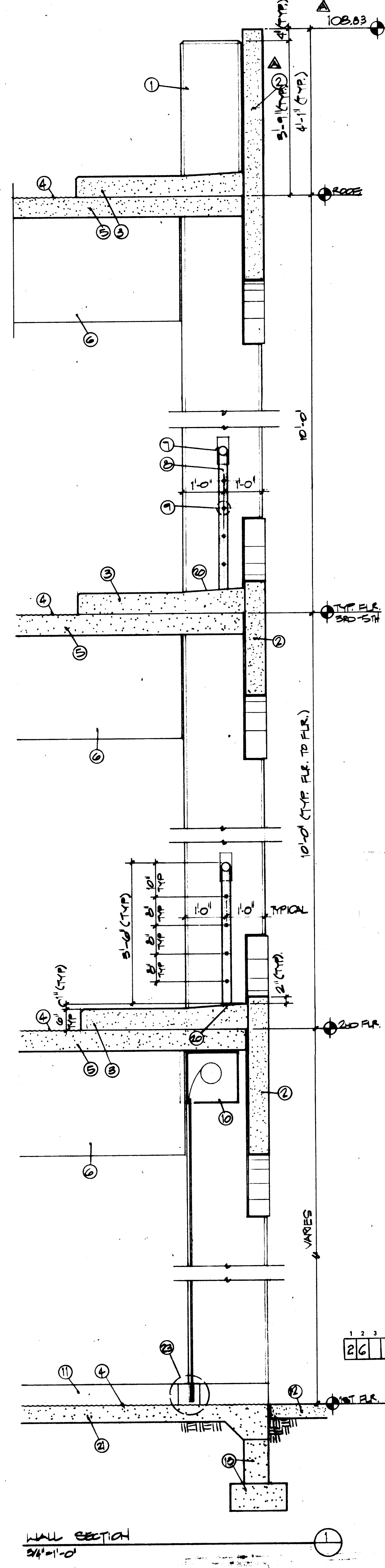
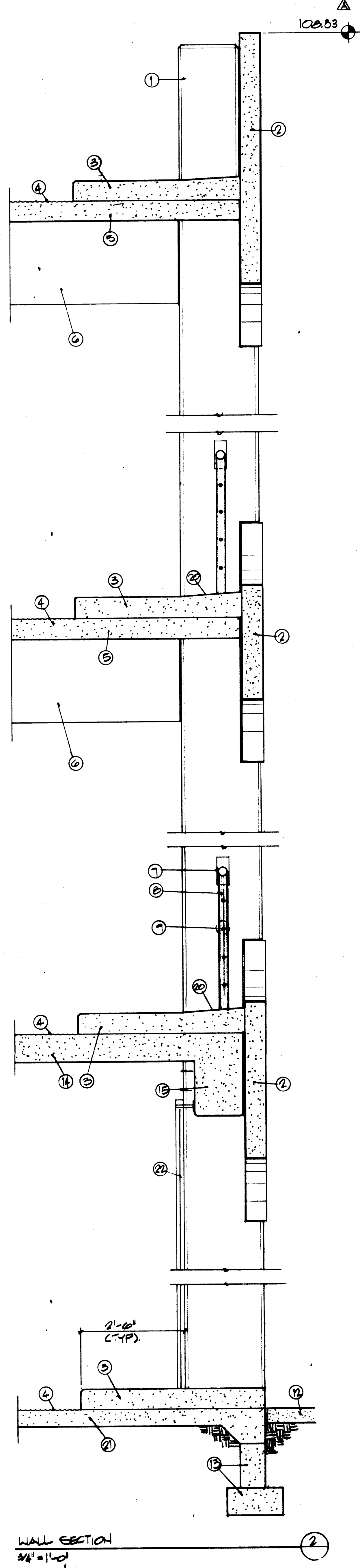
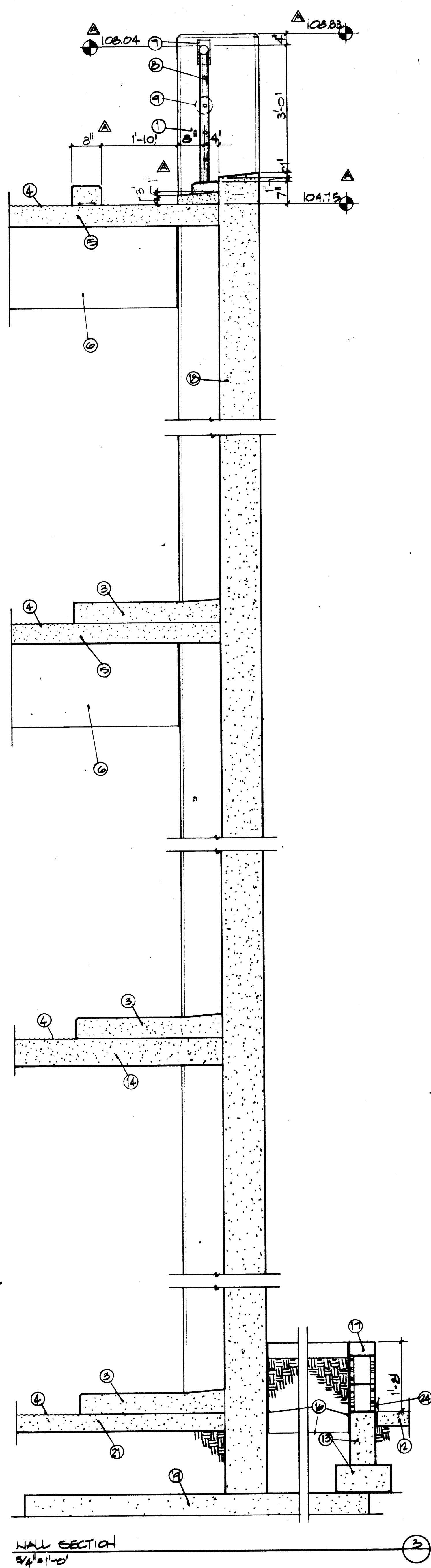
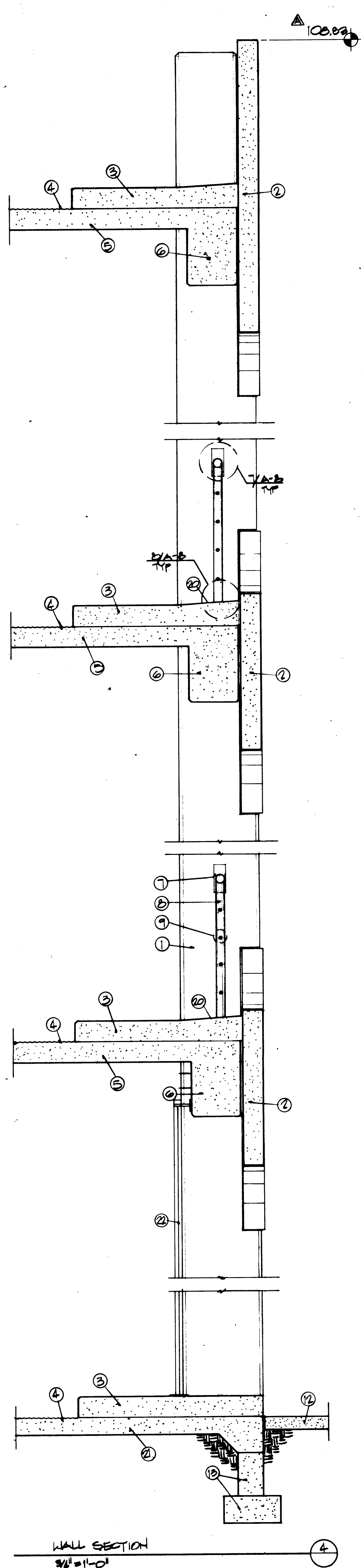
NOTE: PANEL MANIF. MUST VERIFY ALL DIMENSIONS. REFER TO BUILDING ELEVATIONS FOR PANEL LOCATIONS.

AS BUILT	
7-4-82 STRUCTURAL REDESIGN	
7-4-82 GENERAL REVISIONS	
REVISIONS	

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11/24/84 Donth





- NOTES**
1. C.I.P. CONCRETE COLUMN BEYOND
 2. PRECAST CONCRETE STAIRCASE PANEL REFER TO SHEETS AND R.A.G. FOR TYPICAL PANEL ELEVATIONS
 3. 6" HIGH CONCRETE CURB & WHEEL STOP
 4. CONCRETE FINISH ARE INDICATED FLOOR AND ROOF PLAN
 5. 5" C.I.P. CONCRETE SLAB
 6. C.I.P. CONCRETE BEAM
 7. ANCHOR PLATE W/ STEEL PIPE SLEEVE FOR GUARDRAIL. SEE DETAIL A.D.
 8. 2 1/2" Ø STEEL PIPE GUARDRAIL & INTERMEDIATE SUPPORT
 9. 1/2" Ø GALVANIZED AIRCRAFT CONTROL CABLE
 10. ROLLING GRILLE DOOR AS SCHEDULED
 11. 6" HIGH CONCRETE ISLAND BEYOND
 12. CONCRETE SIDEWALK (SEE SHEET C-5)
 13. CONCRETE FOOTING & STEM WALL
 14. C.I.P. CONCRETE SLAB (SEE STRUCTURAL)
 15. C.I.P. CONCRETE BEAM
 16. ELASTIC SHEET WATER PROOFING ON INSIDE FACE OF PLANTER & AT BOTTOM (TYP.)
 17. SPLIT/FACE CHU PLANTER
 18. C.I.P. CONCRETE STAIR WALL
 19. CONCRETE PILE CAP (REFER TO STRUCTURAL)
 20. EMBEDDED PLATE RAILING ANCHOR 8/AS
 21. 5' SLAB ON GRADE
 22. CHAIN LINK PERIMETER ENCLOSURE. ANCHOR AT BASE W/ STEEL PIPE SLEEVE AND AT TOP WITH STEEL BRACKET. FABRIC TO EXTEND HIGH ENOUGH TO INSURE SECURITY (PER MAINT.)
 23. BLOCKOUT IN CONCRETE ISLAND TO ALLOW DOOR TO PASS THROUGH. COORDINATE EXACT SIZE & LOCATION WITH DOOR MANUF.
 24. KEEP 10' C 4'-0'

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11/21/84 Down

NO.	DATE	BY	REVISIONS
1	5-26-85	AS BUILT	
2	7-14-82	STRUCTURAL REDESIGN	
3	7-14-82	GENERAL REVISIONS	

26 110463687

COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

fmb

7/22/82 1-23-A WALL SECTIONS
MRW JLM

FMC DETAIL
 1/2" = 1'-0"
 (11)

GUARDRAIL CONNECTION DETAIL (E PERIMETER &
 (E GND LINE D)
 (12)

QUADRANT CONNECTION DETAIL (C/C LINES 5 & 6) (10)

GUARDRAIL CONNECTION DETAIL (@ COLL. LINES 8+0)  EXPANDED JOINT COVERS
1/8" = 1'-0" NO SCALE 

SECTION G ENTRANCE (5) SECTION G TOILET (4) SECTION G OFFICE (3)

SECTION @ COL. GRID LINE D (2) WALL SECTION @ ENTRY (1)

- NOTES: 
- ① C.I.P. CONCRETE COLUMN
 2. PRECAST CONCRETE PANEL
 3. 6" HIGH CONCRETE CURB & WHEEL STOP
 4. CONCRETE FINISH AS NOTICATED ON FLOOR AND ROOF PLANS
 5. PROVIDE MERVINE FINISH AT ELEV. & STAIR LOBBIES.
 - ⑥ 5" C.I.P. CONCRETE SLAB
 7. 5" SLAB ON GRADE
 8. 6" RIBBED CONCRETE ISLAND (CURB)
 9. EXPOSED PLATE ANCHORS FOR GIRDERS. SEE DETAIL 118 SHEET.
 10. 1/2" Ø GALVANIZED AIRCRAFT CONTROL CABLE.
 11. 2 1/8" Ø STEELPIPE GIRDERS AND INTERMEDIATE SUPPORT
 12. CONCRETE FOOTING AND STEM WALL.
 13. 8" EXPOSED FACE CMU WALL WITH BLOCK INSULATION
 14. 6" STANDARD CMU WALL
 15. TIEBOLT 200 FRAMING SYSTEM WITH LEXAN (GLAZ. 2" H) (SEE A-11)
 16. ALUMINUM ALUMINUM FRAMING SYSTEM WITH THERMIDUR
 17. COMPRESSED BEE MATERIAL AND SEALANT.
 18. SYNTHETIC LIQUID RUBBER MEMBRANE ROOFING MATERIAL OVER CONCRETE SLAB
 19. 1/2" VINE GLAZES IN HOLLOW METAL FRAME.
 20. ALUMIN PLANKER CEILING SYSTEM
 - ⑦ 21. C.I.P. CONCRETE BEAM.
 22. VINYL RECESSED TILE
 23. 4" VINYL EDGE
 24. CONCRETE SLAB
 25. SLAB EXPANSION JOINT COVER
 26. C.I.P. CONCRETE WALL
 27. CABT 2 1/8" Ø OPENING INTO PANEL FOR AS OVERFLOW SCOTTER. SEE SHEET A-6.
 28. 2 1/4 LAY-IN CEILING.
 29. CONCRETE SIDEWALK
 30. ROLLING GRILLE DOOR AS SCHEDULED
 31. BARRIER BUILT WITH SIGN 4" C/P BOTH ENTRANCES (SEE I-11-A-10).
 32. 6" CONCRETE ISLAND BEYOND
 33. 1" Ø STANDARD PPS WELDED TO 3/8" PLATE.
 34. 1/2" Ø 1" Ø HELIX.
 35. 1. 3/8" Ø 1" Ø ANCHOR
 36. 5/16" x 3/8" PLATE WELD 2" PIPE TO PLATE
 37. 2. 3/8" Ø 1" Ø ANCHOR
 38. 3/8" Ø 3/8" PLATE WELD 2 1/4" PPS TO PLATE.
 39. BLOCKOUT IN CONCRETE ISLAND TO ALLOW DOOR TO PASS THROUGH COORDINATE EXACT SIZE & LOCATION WITH DOOR MANUF.
 40. SIGN. MOUNT PER MANUF. SPECIFICATIONS.
 41. PRE. HOES CABINET AS SCHEDULED (SEE PLUMBING). MOUNT PER MANUF. SPEC.

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AUG 26 '09	AS BUILT
7-4-82	STRUCTURAL REDESIGN
7-4-82	GENERAL REVISIONS
	REVISIONS

	11/16/88	AS BUILT	
A	7-4-88	STRUCTURAL REDESIGN	
A	7-4-88	GENERAL REVISIONS	
		REVISIONS	

1	2	3	4	5	6	7	8	9	10	11	12
2	6		1	0	4	6	3	7	8	7	

**COPPER AVENUE PARKING
STRUCTURE**

**400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO**

fmb

flatow maurer bryan & associates
P.L.L.C.
1000 NORTH MOUNTAIN AVENUE
SUITE 1000 ALBUQUERQUE, N.M. 87102

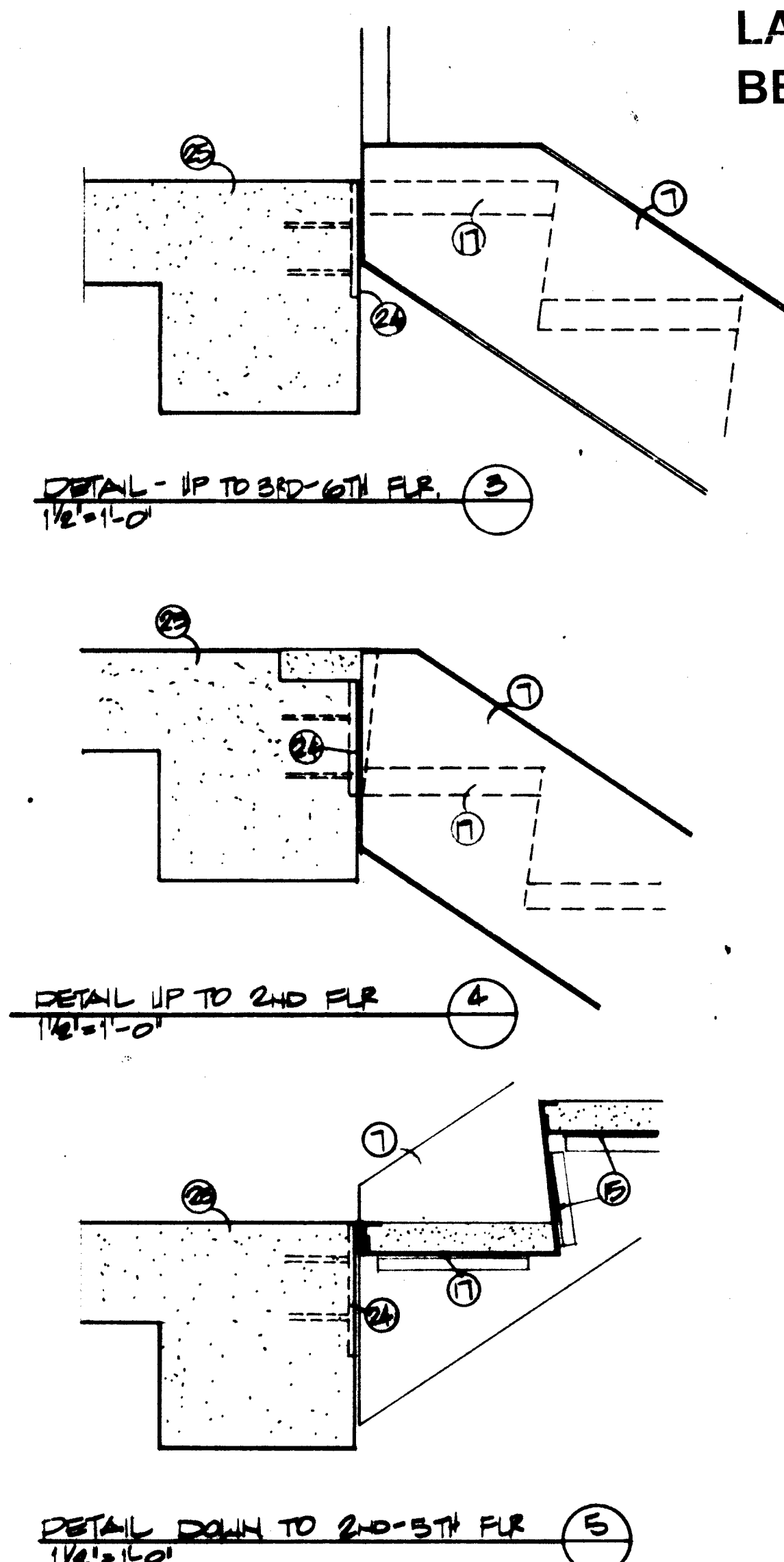
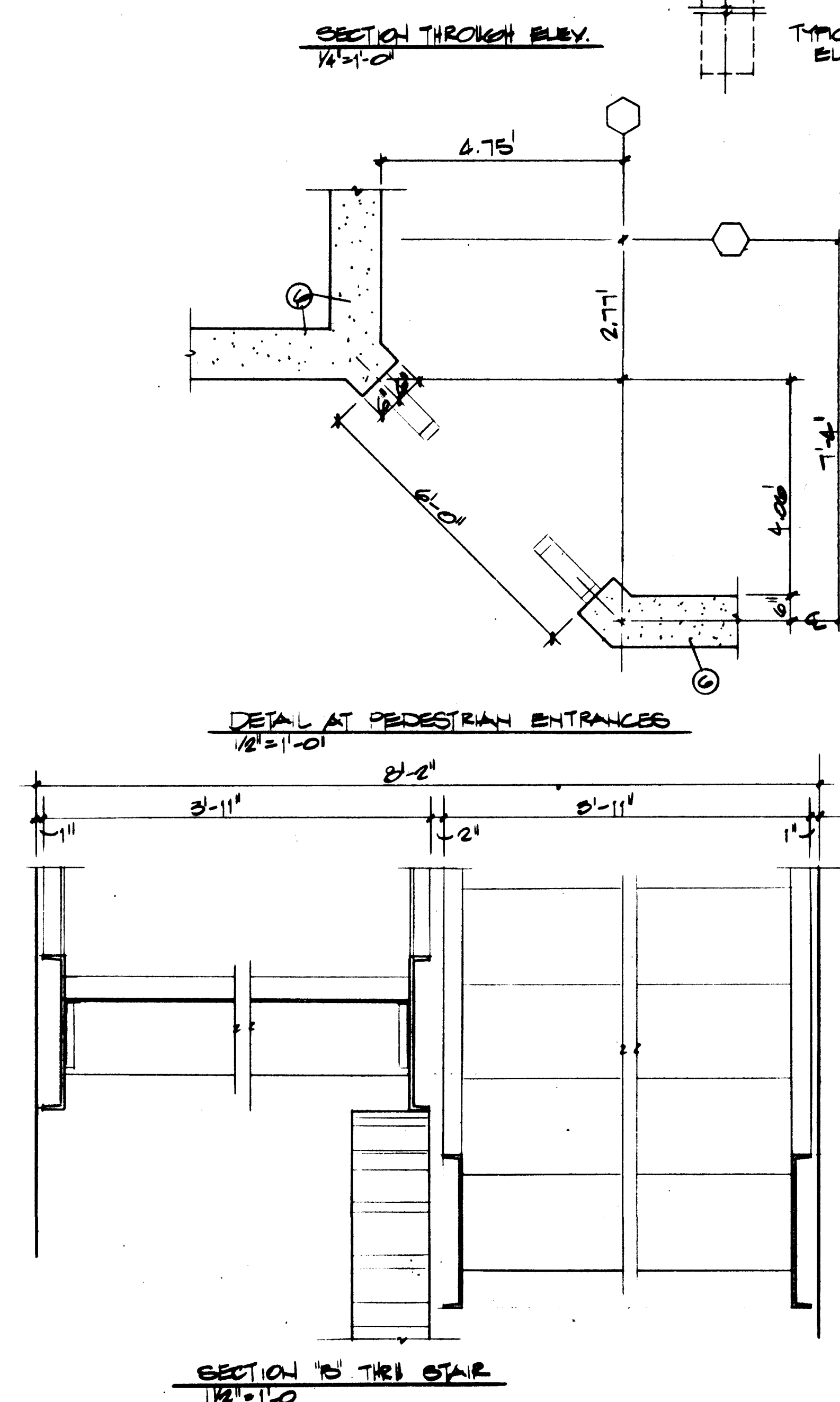
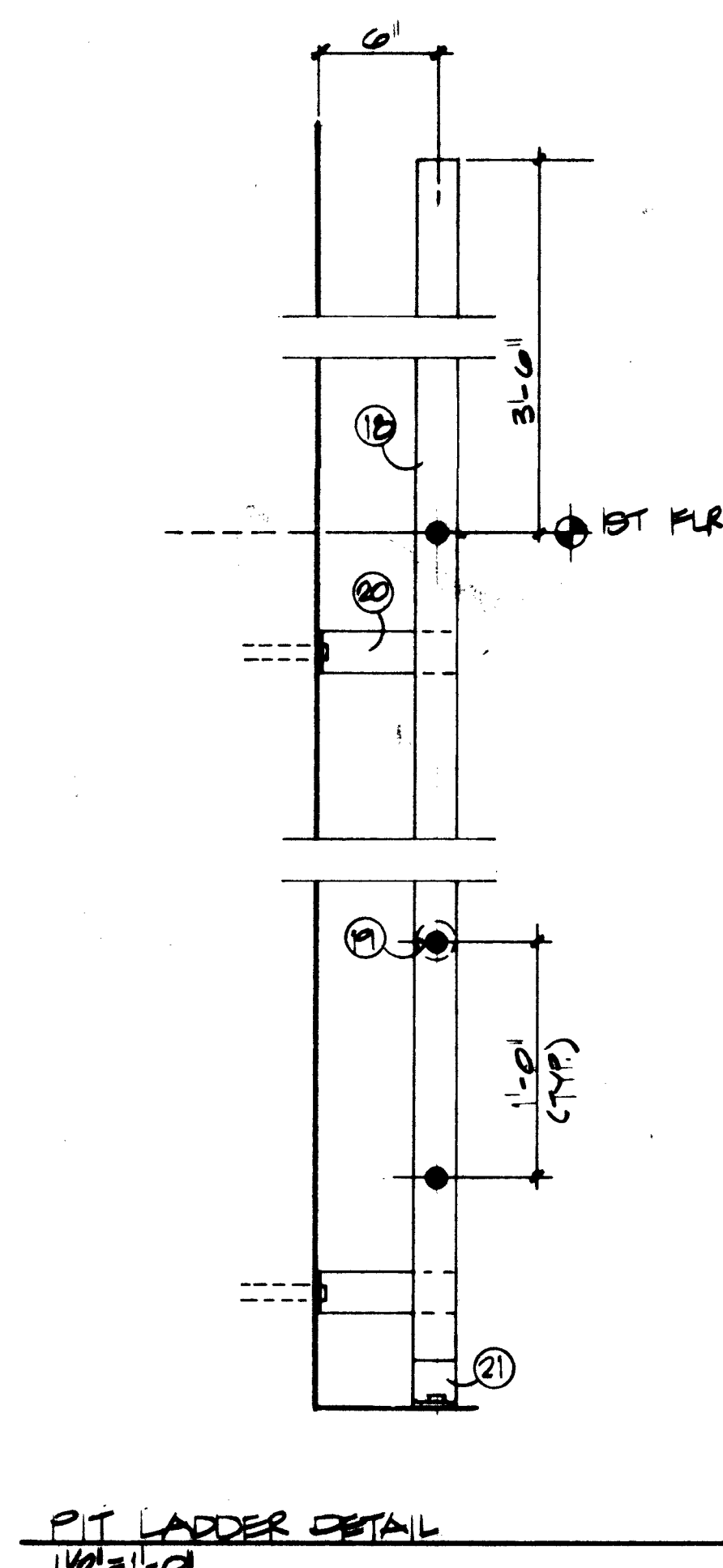
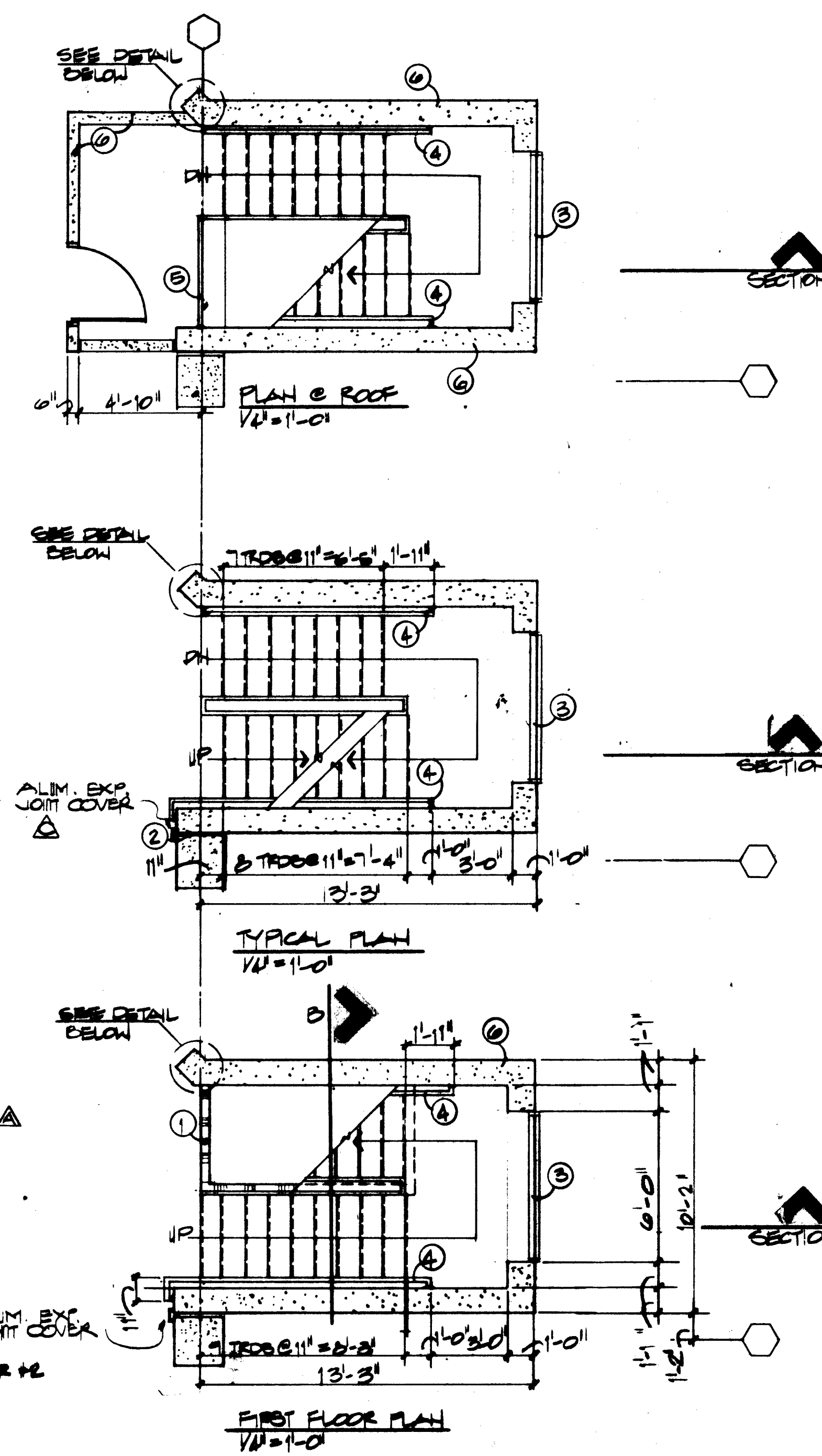
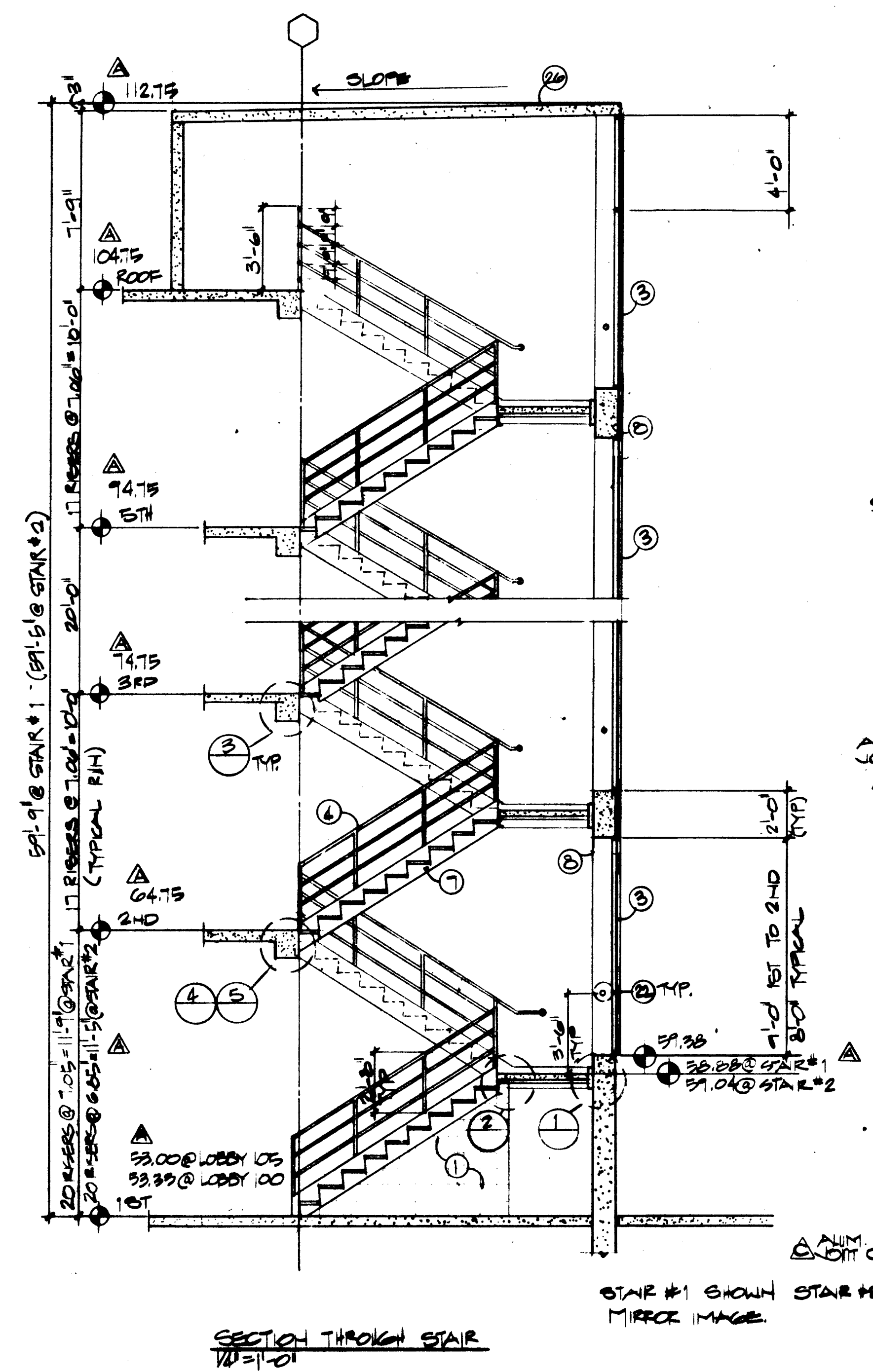
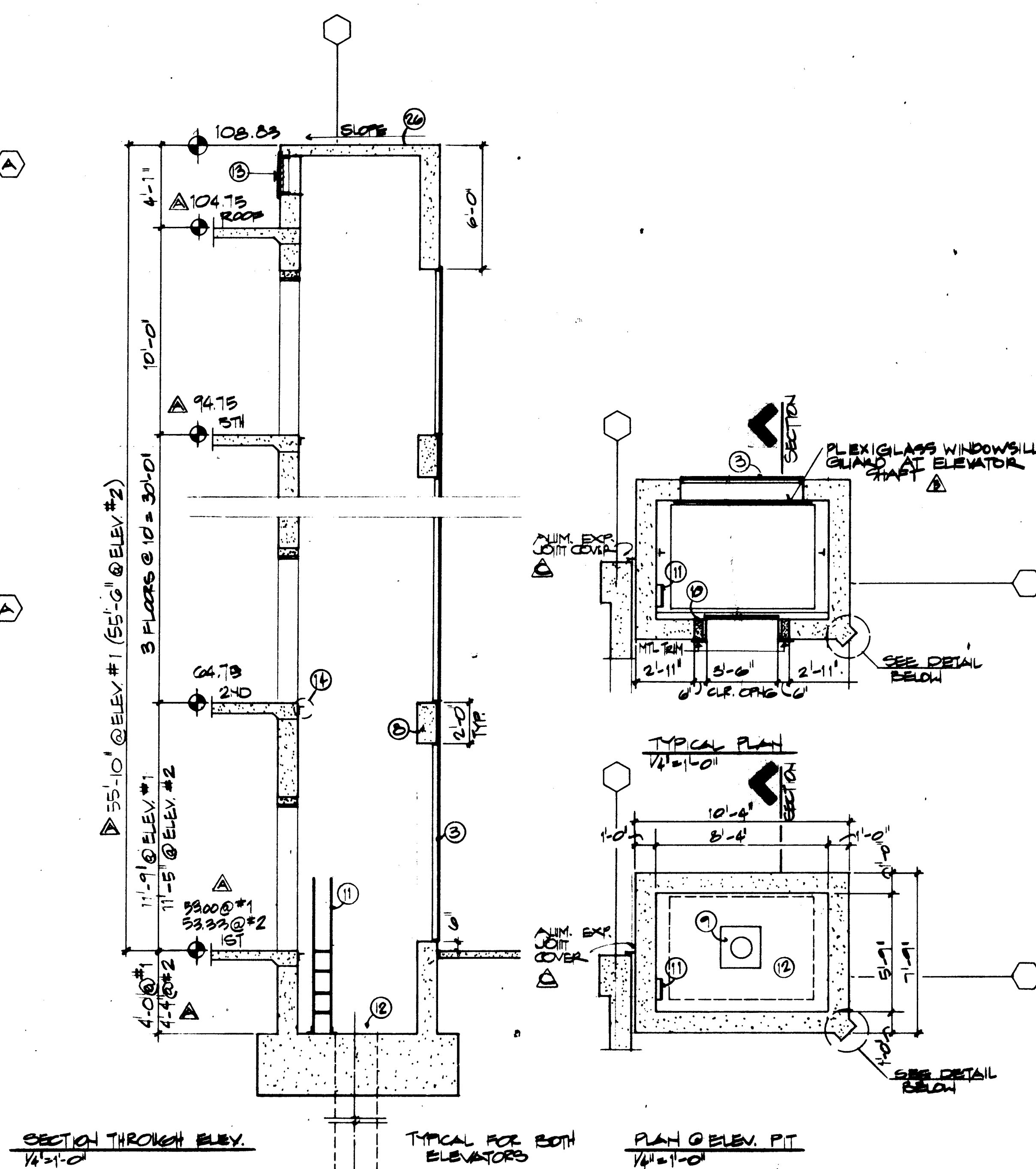
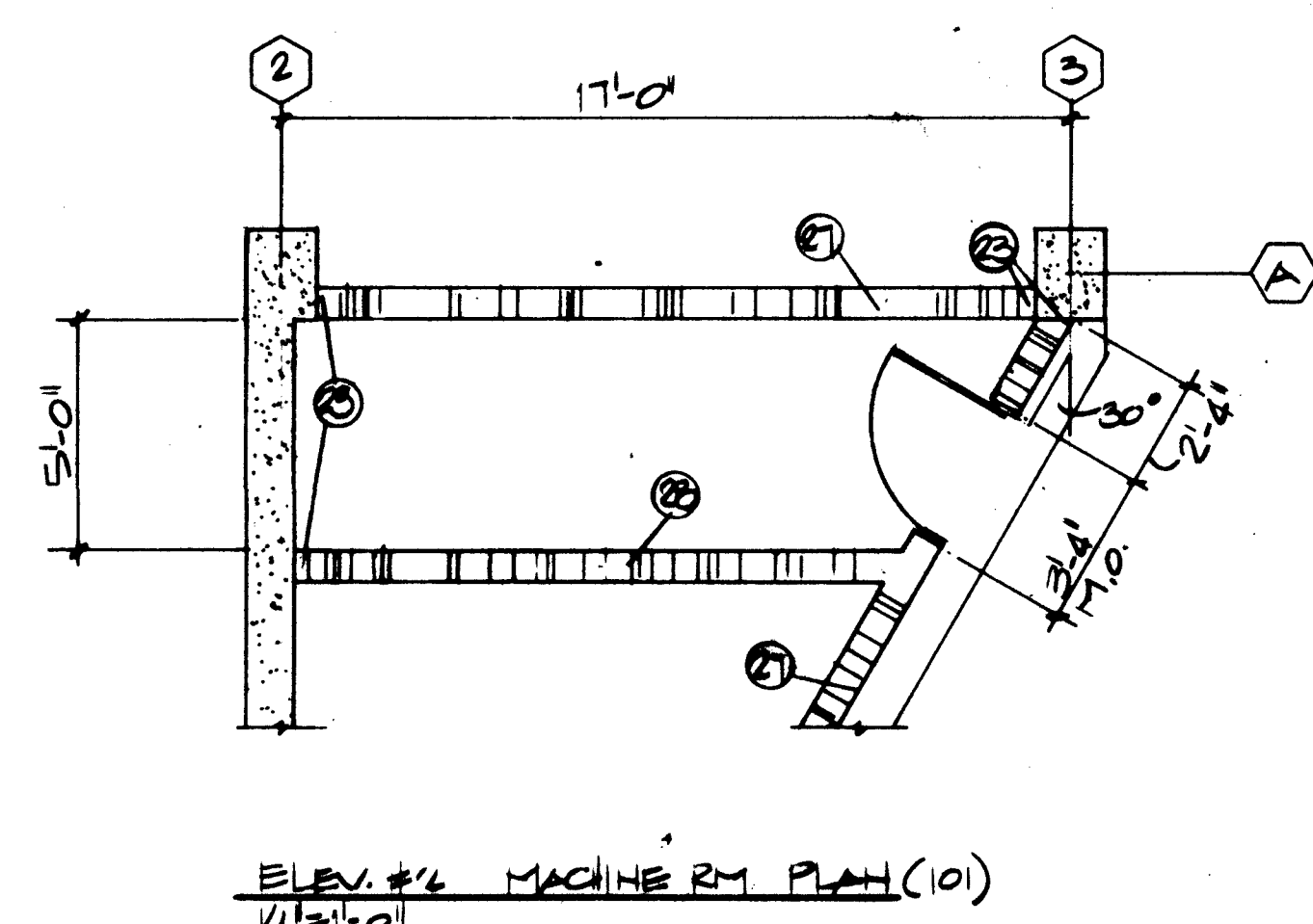
SEAL OF NEW MEXICO
JASON P. MOORE
GOVERNOR
NO. 107
1995

date **1/22/82** file **L23-A** **WALL SECTIONS**
by **MRW** checked **JM** **MISC. DETAILS**

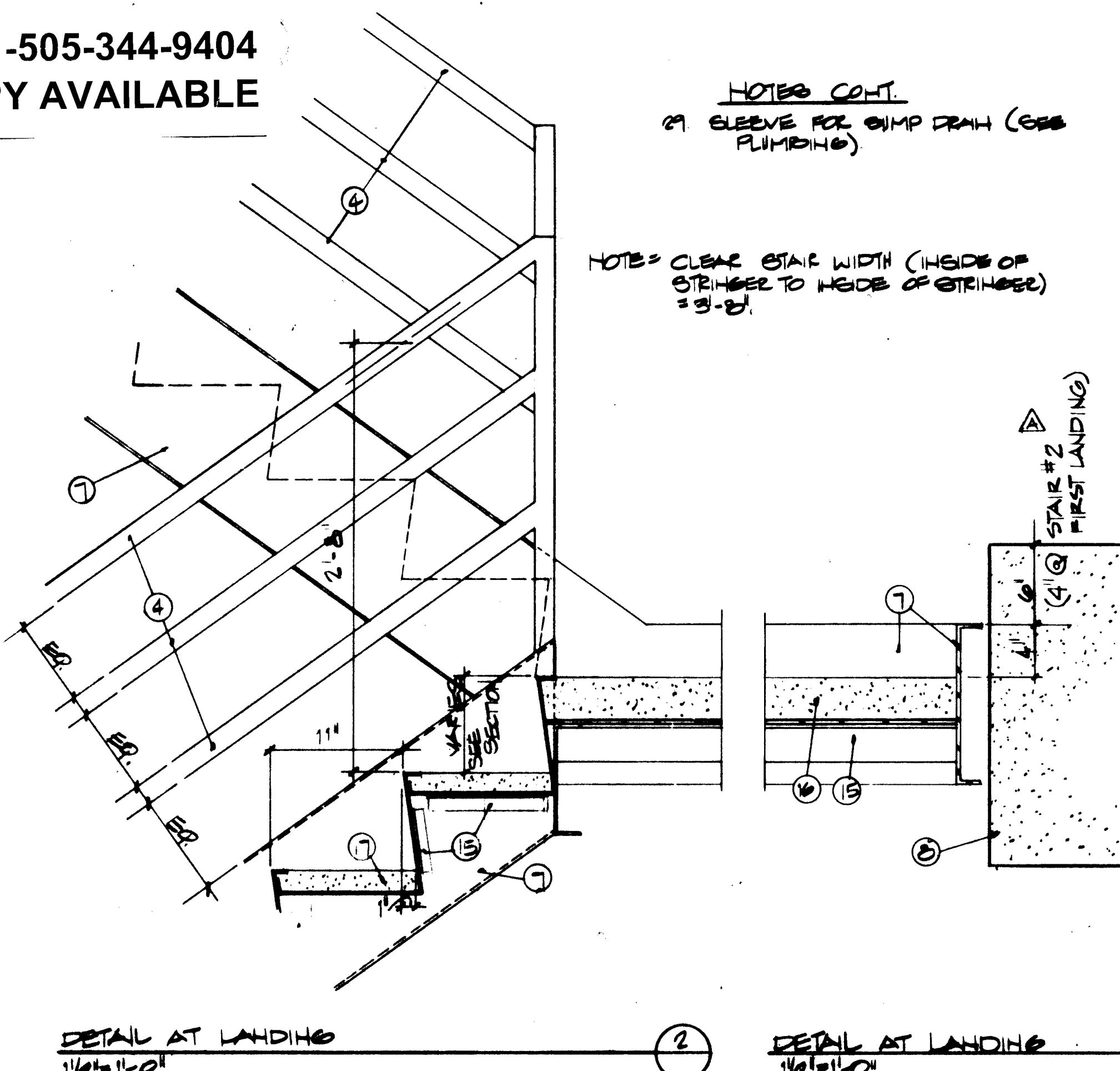
U.S. GOVERNMENT PRINTING OFFICE: 1975 O - 340-081

A8

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NOTES CONT.

29. SLEEVE FOR PUMP DRAIN (GEO)

NOTE = CLEAR STAIR WIDTH (INSIDE OF STRINGER TO INSIDE OF STRINGER)
3'-0"

NOTES:

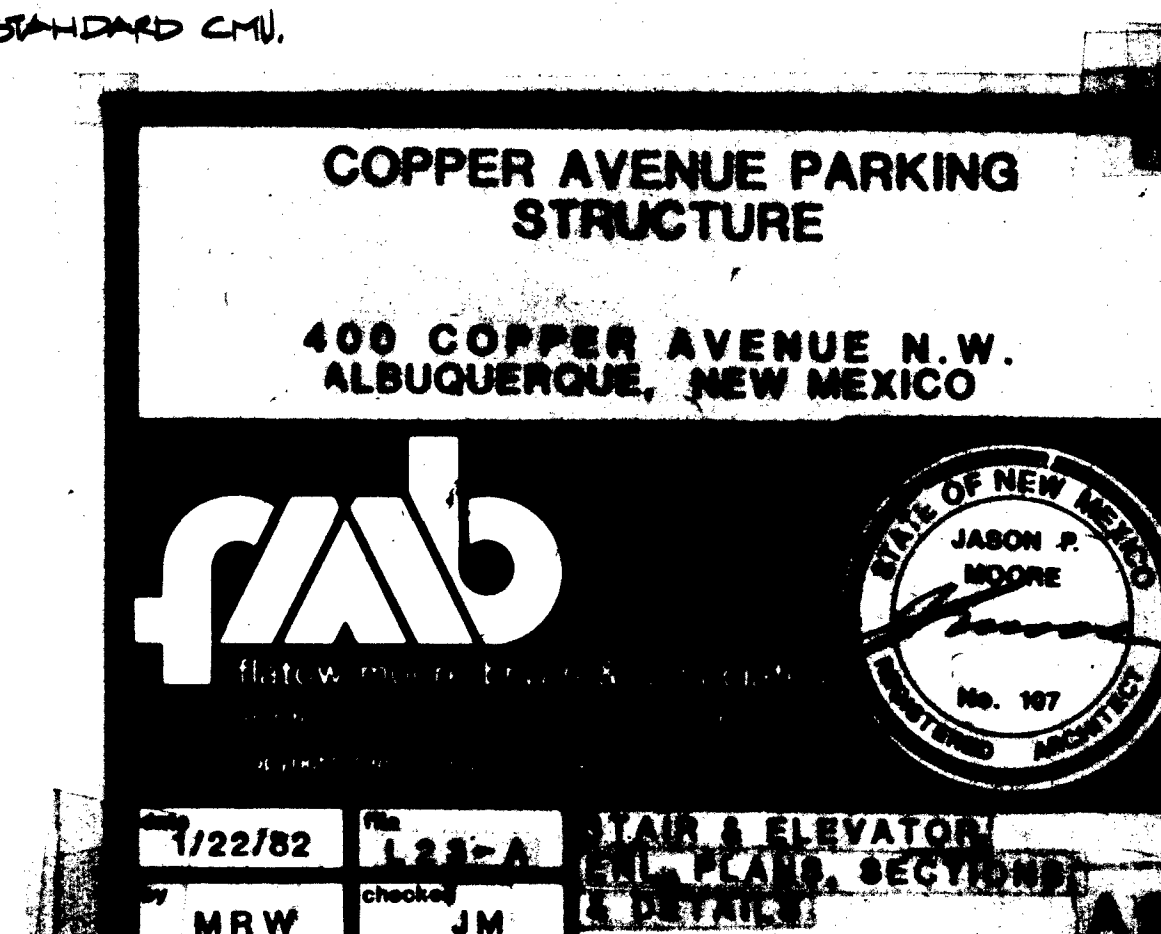
- 10 CH11 WALL BELLOW STAIRS & LANDING.
- 11 PRECAST CONCRETE COLUMN.
- 12 WELDED IN TIE BARS ALUMINUM FRAME. (SEE A-1)
- 13 1/2" X 1/8" LAMINATED
- 14 1/2" X 1/8" GALVANIZED
- 15 CAROT IN PLACE CONCRETE WALLS
- 16 STEEL CHANNEL (MC 8 X 10.6)
- 17 CONCRETE BEAM (SEE STRUCTURAL)
- 18 SQUARE JOBS IN PIT FLOOR FOR SETTING OF JACK.
SEE ELEV. MANUF.
- 19 GROUT SOLID AFTRE FRAME IS IN PLACE
- 20 PIT LADDER (SEE DETAIL TIE SHEET)
- 21 PROVIDE SUMP PUMP TO DRAIN PIT (SEE PUMPHOUSE)
- 22 1/4" X 1/4" HOSIWAY VENT W/ ALUM. LUNGE & SCREEN.
- 23 SILL ANGLE (TYP. ALL FLOORS)
- 24 STEEL ANGLE LANDING SUPPORTS.
- 25 STEEL ANGLE LANDING SUPPORTS. 2" DIA. (W/ WIRE MESH)
- 26 STEEL PLATE & SUBSTRATA 1/4" X 1/4" CONC. TREAD TIL.
- 27 2" X 1/2" FLAT BAR STRINGS WELDED TO BRACKETS
- 28 3/4" Ø STEEL RINGS
- 29 2" X 1/2" BAR BRACKETS W/ Ø 2" DIA. & 1/2" X 1/2" A.S.
COOLIC WALL. WELD TO GUIDE RAILS & ANCHOR W/
CLIP ANGLES TO FLOOR.
- 30 CLIP ANGLE.
- 31 2" Ø STEEL PIPE GALVANIZED.
- 32 PROVIDE CRISTAL ANCHORS AT CH11 & CONCRETE
INTERSECTIONS
- 33 WELD PLATE (REFER TO STRUCTURAL)
- 34 CAROT IN PLACE CONCRETE BEAM.
- 35 SYNTHETIC LIQUID RUBBER MEMBRANE ROOFING.
- 36 SPLIT FACE CH11.
- 37 STANDARD CH11.

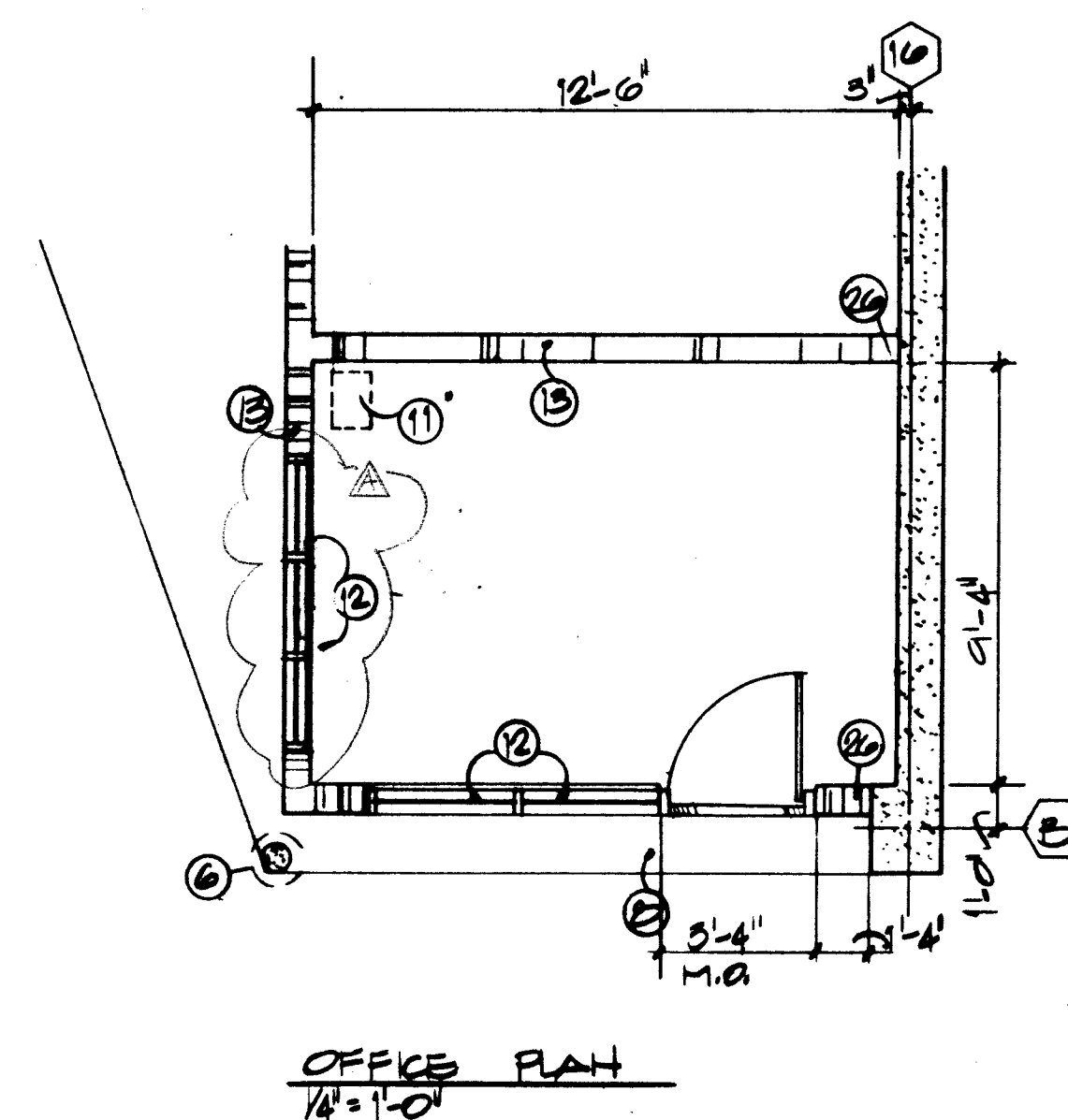
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50 DRAWINGS

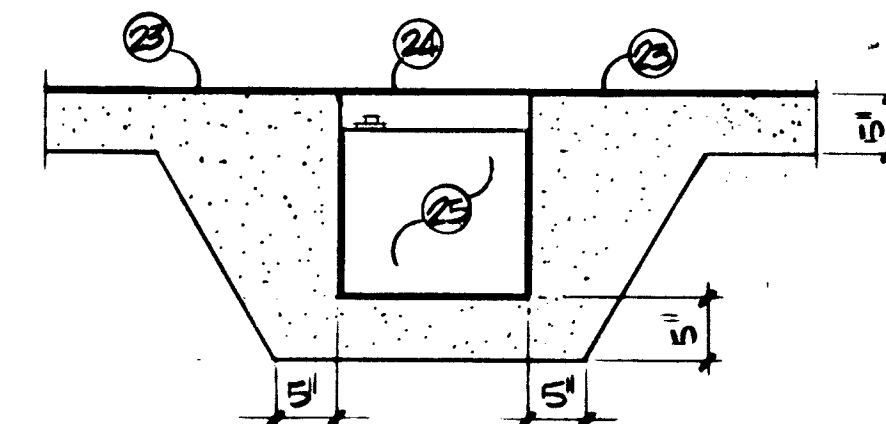
Date: 11/21/84 By: Daniel N.

2-15-06	UPDATES	
1-18-03	AS BUILT	
7-14-02	GENERAL REVISIONS	

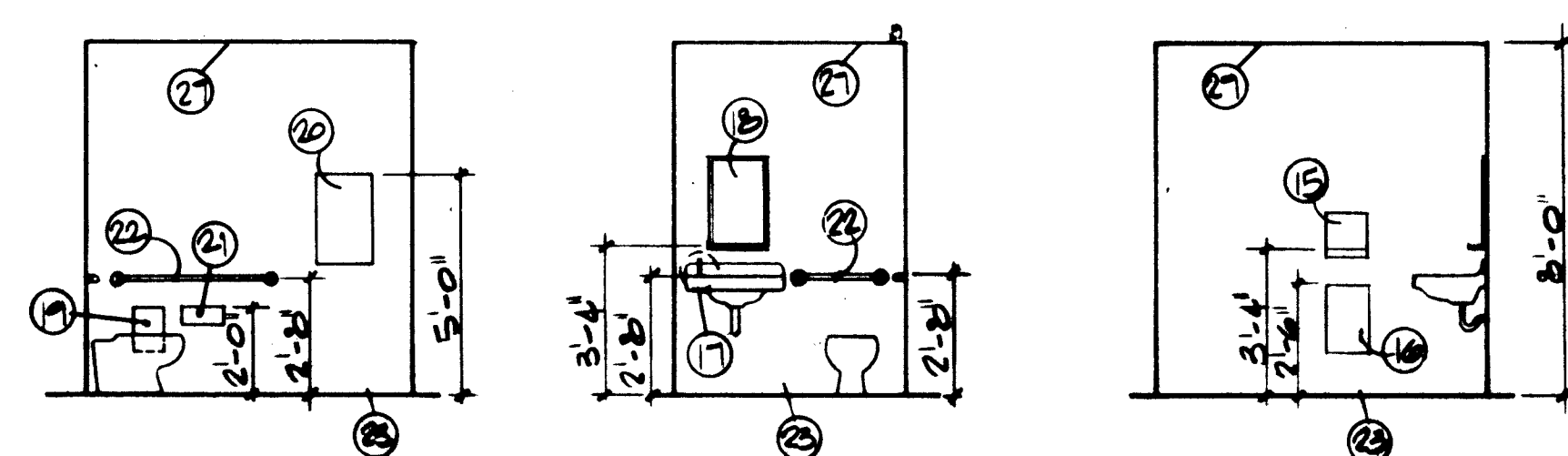




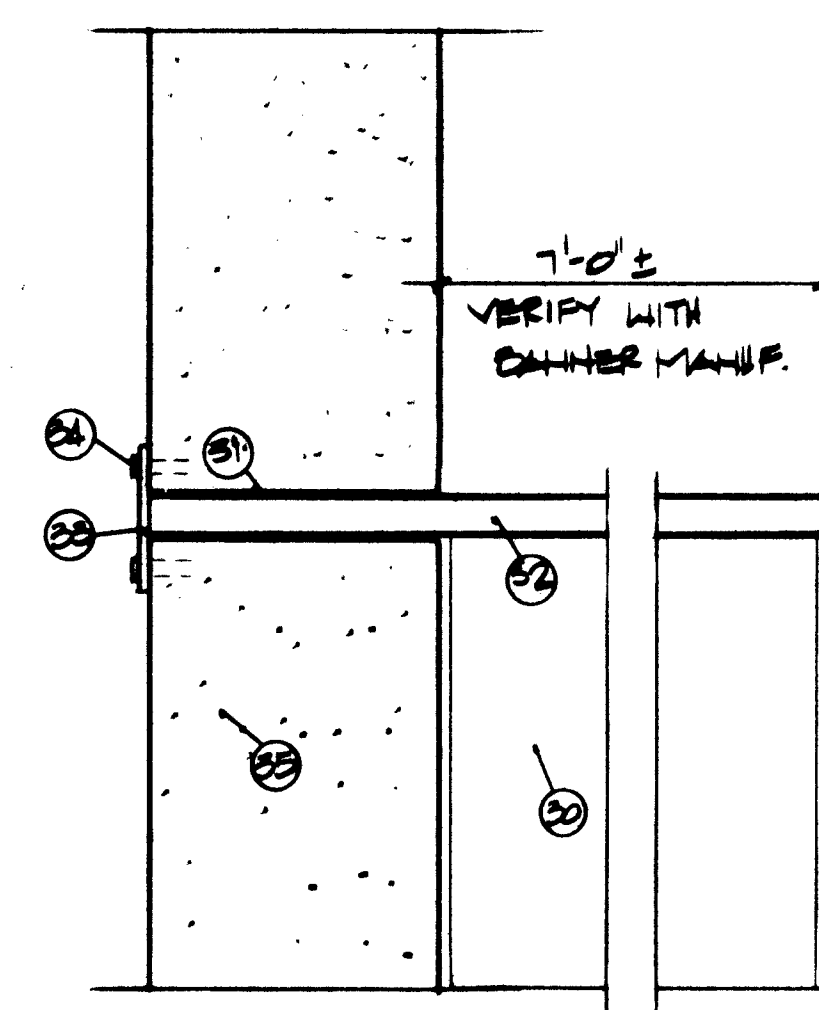
OFFICE PLAN
1/4"=1'-0"



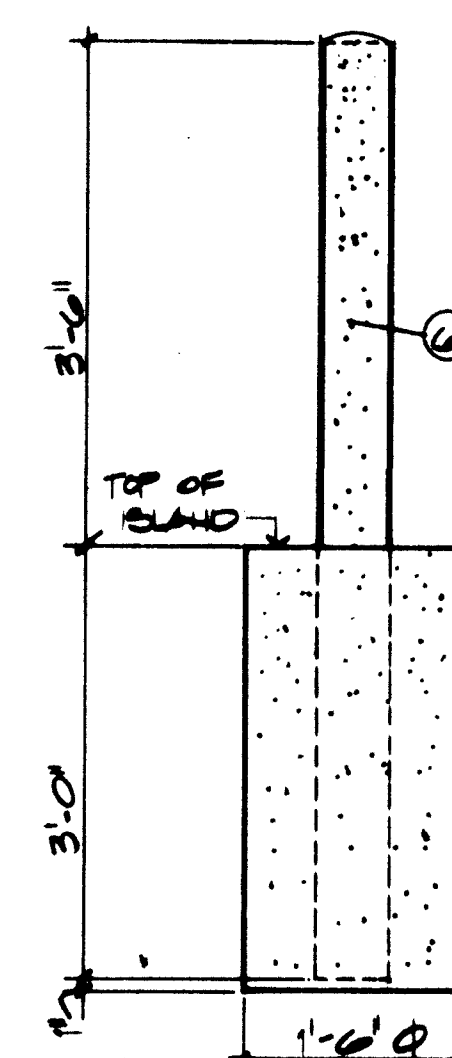
FLOOR SAFE DETAIL
3/4"=1'-0"



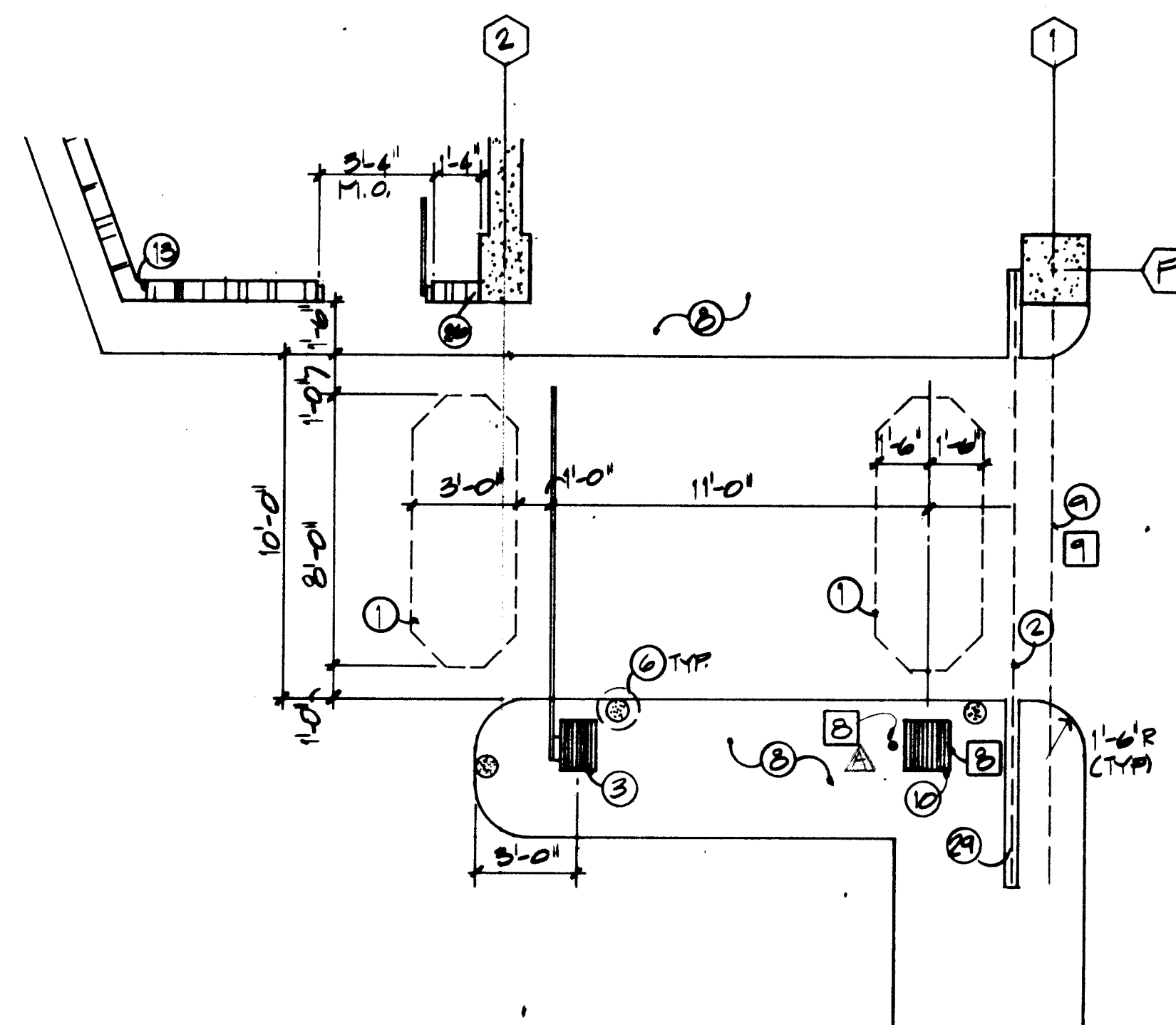
TOILET PLAN & INTERIOR ELEVATIONS
1/4"=1'-0"



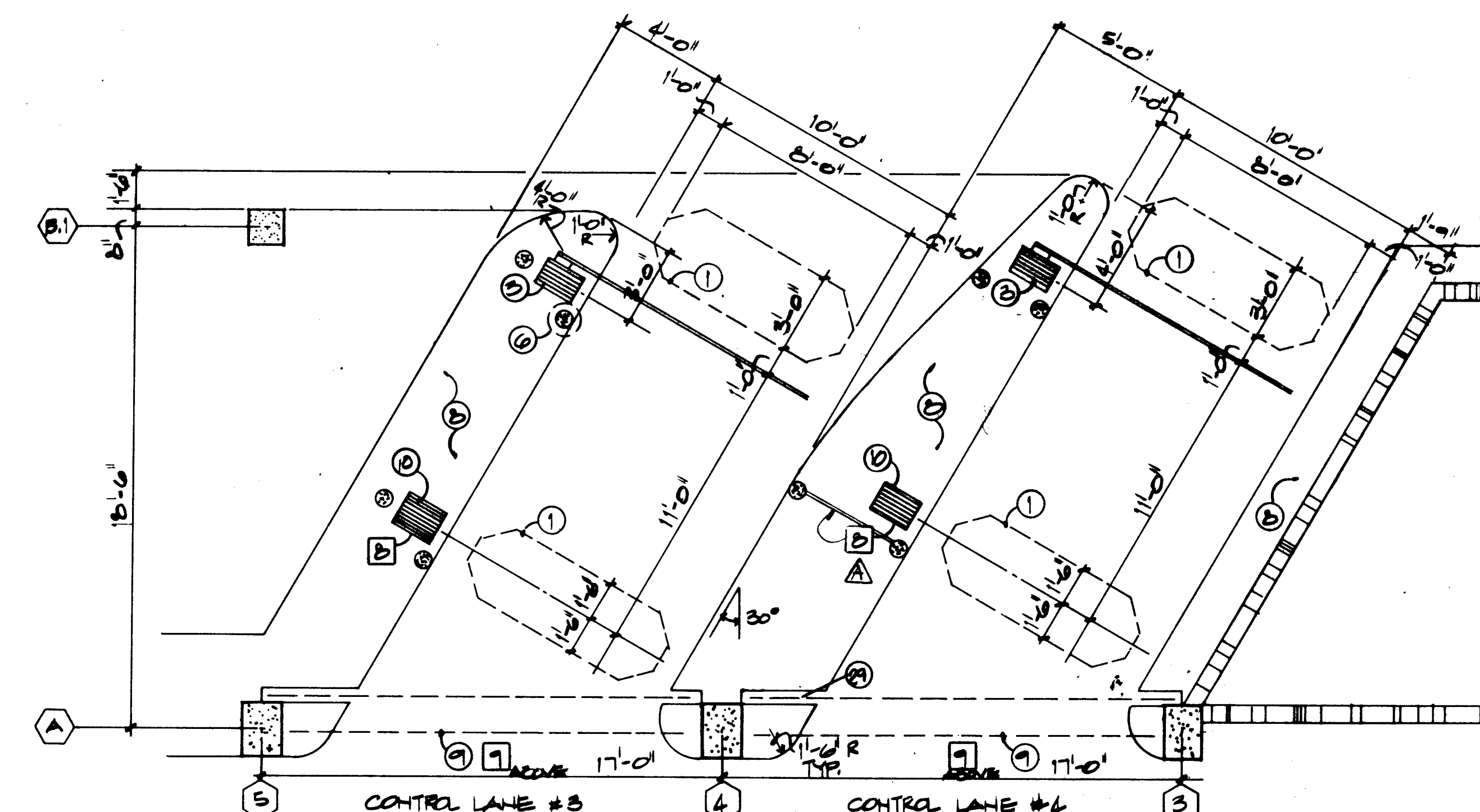
BANNER MOUNTING DETAIL
1/4"=1'-0"



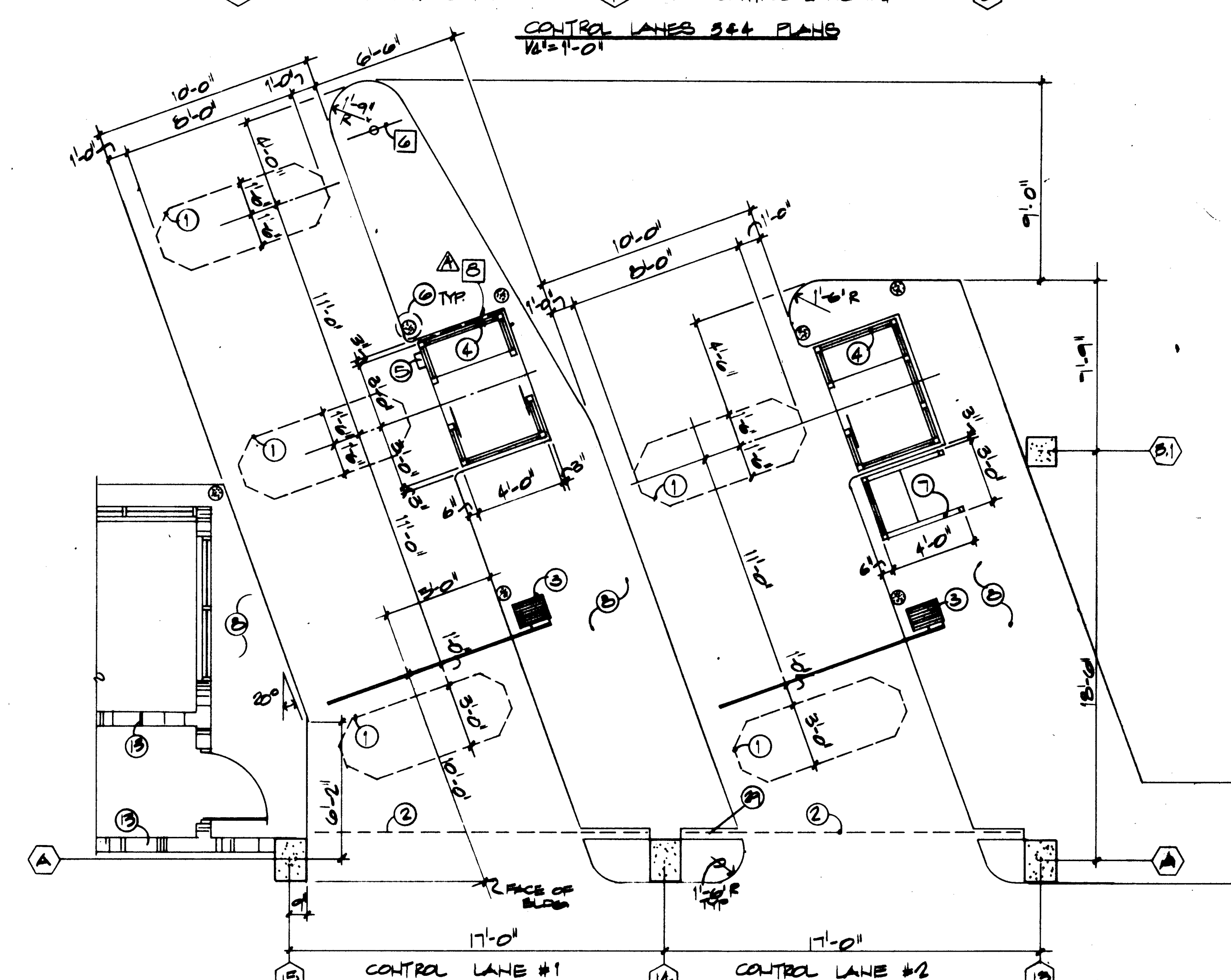
CONCRETE DETAIL
1/4"=1'-0"



CONTROL LANE #5 PLAN
1/4"=1'-0"



CONTROL LANES #3 & #4 PLANS
1/4"=1'-0"



CONTROL LANES #1 & #2
1/4"=1'-0"

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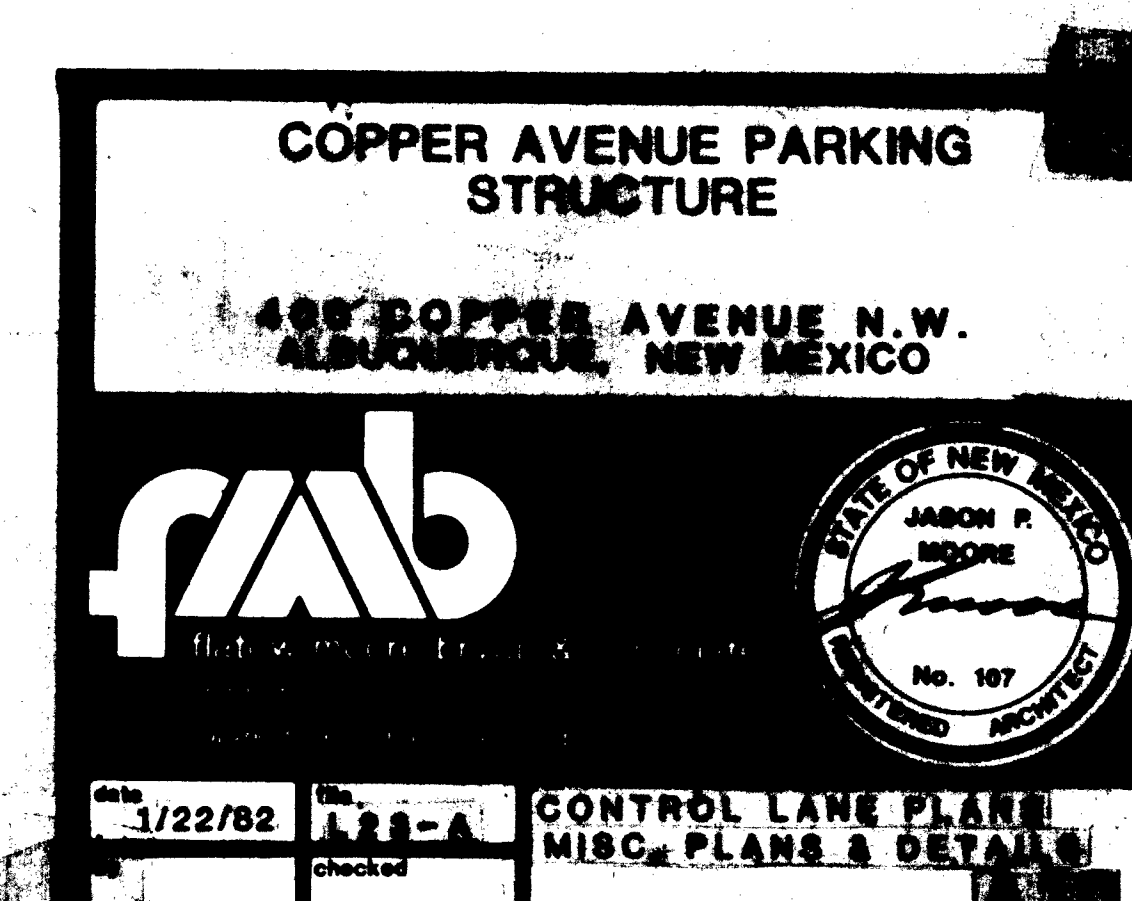
20. VINYL ASBESTOS FLOOR TILE
21. REMOVABLE COVER
22. SAFE (AS SPECIFIED)
23. PROVIDE CONCRETE ANCHORS AT INTERSECTIONS OF CHU & CONCRETE WALLS (TYPICAL)
24. 2" LAY-IN CEILING
25. CHAIR
26. NOTE: ISLAND FOR COOR. COORDINATE SEE 8 LOCATION WITH DOOR MANIP.
27. AIRING FACIL. BANNER (N.C.)
28. 2" O.D. PIPE ELBOWS
29. 1/2" O.D. BANNER SUPPORT (N.C.) SEE A-4
30. 6" O.D. PLATE WELDED TO 1/2" PIPE (N.C.)
31. 4" O.D. 1'-0" WELDS (N.C.)
32. 1'-0" CONCRETE SHEAR WALL

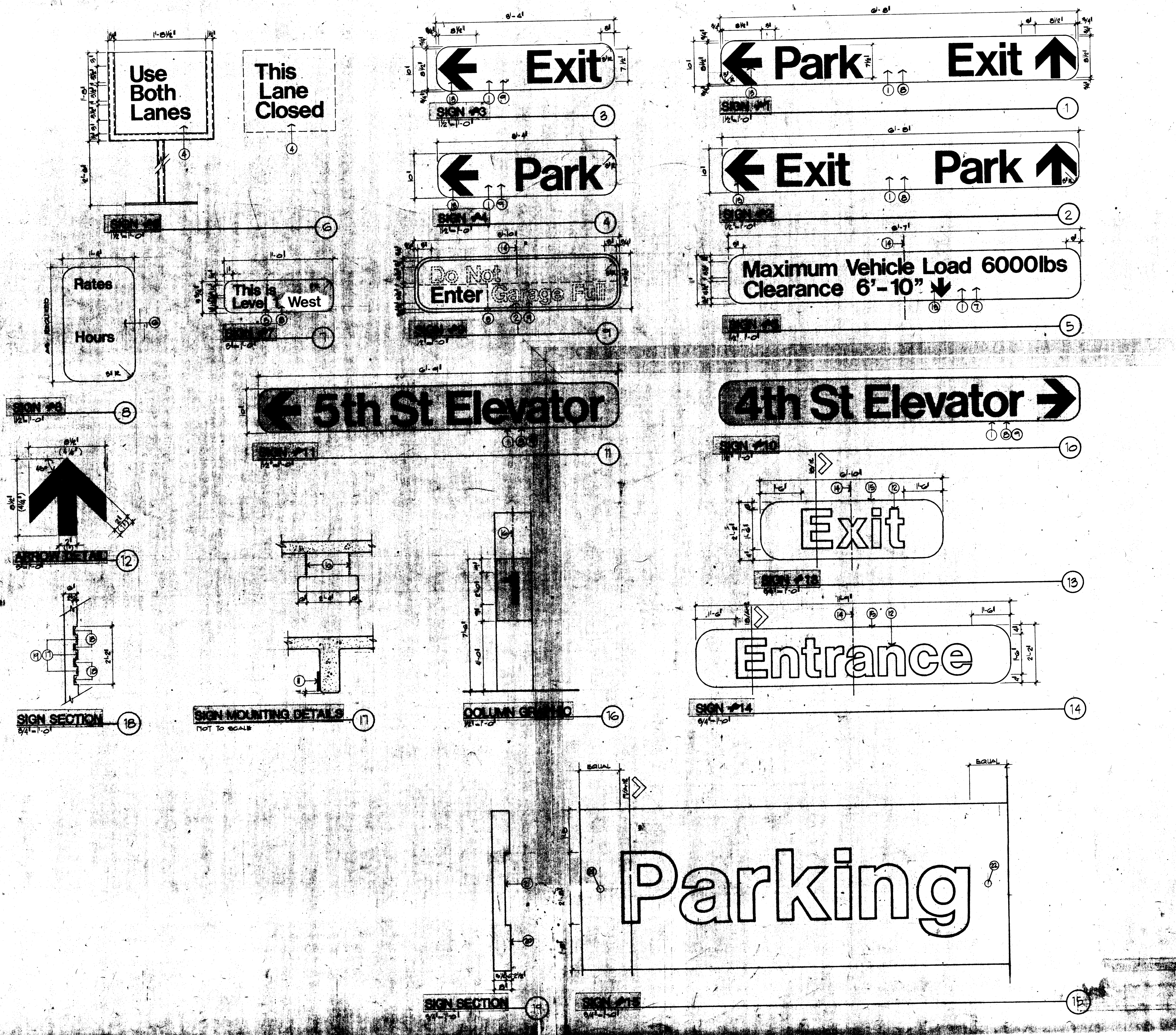
1. LOCK DETECTOR ASSEMBLY
2. ROLLING GRILLE DOOR
3. GATE WITH ARTICULATING ARM
4. 4'-0" DEPTH (VERIFY SIZE WITH MANHOLE)
5. EIGHT MOUNTED CARD READER
6. 6" O.D. CONCRETE RING, STEEL GRADED PIPE 3/4" DIA. (TYPICAL WHERE SHOWN). DETAIL THIS SUBMIT.
7. 6'-0" SECURITY BENCH (VERIFY SIZE WITH MANHOLE)
8. 6" CONCRETE ISLAND (CIRC)
9. BARRIER BENCH WITH CHAIR 8" ABOVE
10. TICKET DISPENSER WITH PROVISIONS FOR CARD READER
11. FLOOR SAFE (SEE DETAIL THIS SUBMIT)
12. WIRE GRIDS IN YELLOW METAL STEEL FRAME
13. 2" CHU WALL
14. ELECTRIC WATER COOLER (HANDOUT)
15. PAPER TOWEL DISPENSER
16. WASTE RECEPTACLE
17. LAV. MOUNTED SOAP DISPENSER
18. 10'-0" MIRROR WITH STAINLESS STEEL CHAIR
19. FEMININE MIRROR VENDOR
20. FEMININE MIRROR VENDOR
21. TOILET PAPER HOLDER
22. 1/2" O.D. GRAD. SAFE

NOTES 0 20 10 4 6 3 9 8 7

11/21/84 D.J.W.

12-15-86 UPDATES
AUG 26 1983 AS BUILT





- NOTES
1. NON-ILLUMINATED SIGN CONSTRUCTED OF ONE PIECE 3/4" THICK NOVAPLAX PANEL LETTER STYLE - HELVETICA MEDIUM (TYP) TO BE SILK SCREENED. ALL SIDES TO BE PAINTED (COLOR BY ARCHITECT) OVER PRIMER. MESSAGE TO BE WHITE.
 2. ILLUMINATED SIGN 2 CIRCUITS - HIDDEN MESSAGE. CONTROLLED BY CAPACITY CONTROL SYSTEM. USE NEON TUBE LIGHT SAME SHAPE AND MOUNT MESSAGE. USE FLUORESCENT LAMP LIGHT 40 BEND SOLID MESSAGE LETTER STYLE - HELVETICA MEDIUM (TYP) SIGN TO CONFORM TO PUBLICATION ON SIGN FLEX GLASS DESIGN & FABRIC ON DATA #PL-1001 BY ROHM & HAAS.
 3. BATTLE
 4. NON-ILLUMINATED TWO-SIDED MESSAGE SIGN. MOUNTED TUBE FRAME. GRID SMOOTH. MESSAGE BACKING - 24 GA. METAL-LOC. BACKGROUND PAINT COLOR BY ARCHITECT. OVER PRIMER. LETTER STYLE - HELVETICA MEDIUM (TYP). MESSAGE WHITE. FRAME - SEMI-GLOSS BLACK OVER PRIMER.
 5. MESSAGE BACKING LAMINATED PLASTIC COVER BY ARCHITECT. LETTER STYLE - HELVETICA MEDIUM. SIGN ABOVE CALL BUTTON FOR ELEVATOR.
 6. NON-ILLUMINATED SIGN MOUNTED ON TUBS. DEFENDERS. KATES & HAYS TO BE VERIFIED PRIOR TO FABRICATION. 24 GA. METAL-LOC. BACKING. LETTER STYLE - HELVETICA MEDIUM. SIZE TO BE VERIFIED WITH OWNER.
 7. MOUNT SIGN WITH BOTTOM AT 6'-10" ABOVE DRIVEWAY. SEE DETAIL 11 THIS SHEET.
 8. MOUNT SIGN ON FACE OF BEAM WALL OR COLUMN. SEE DETAIL 11 THIS SHEET.
 9. SIGN TO BE HUNG FROM STRUCTURE. SEE DETAIL 11 THIS SHEET.
 10. CO-LO-SHIELD #10 WIRE GALVANIZED BLACK SEMI-GLOSS PAINT OVER PRIMER. SECURE TO SUBS WITH APPROVED FASTENERS.
 11. SIGN MOUNTED WITH ADHESIVE.
 12. LETTER STYLE - HELVETICA MEDIUM. LETTERS 1/2" RELIEF FROM RECESSED AREA OF PRECAST PANEL. SEE DETAIL 10 THIS SHEET.
 13. ARROW. SEE DETAIL 2 THIS SHEET.
 14. CENTERLINE OF SIGN & DRIVEWAY.
 15. PERIMETER OF RECESSED AREA IN PRECAST PANEL.
 16. CENTERLINE OF NUMBER & COLUMN.
 17. TEXTURED SURFACE OF PRECAST PANEL.
 18. SMOOTH FINISH SURFACE.
 19. LETTER IN RELIEF.
 20. PRECAST CONCRETE PANEL.
 21. LETTERS FORMED IN CONCRETE.
 22. 2 1/2" Ø OPENING @ EACH END (OVERFLOW SUMMER, SLOPE TOWARDS PANEL INTERIOR).

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20 046418

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11/21/04 DWJW
AUG 26 1988 AS BUILT

COPPER AVENUE PARKING STRUCTURE

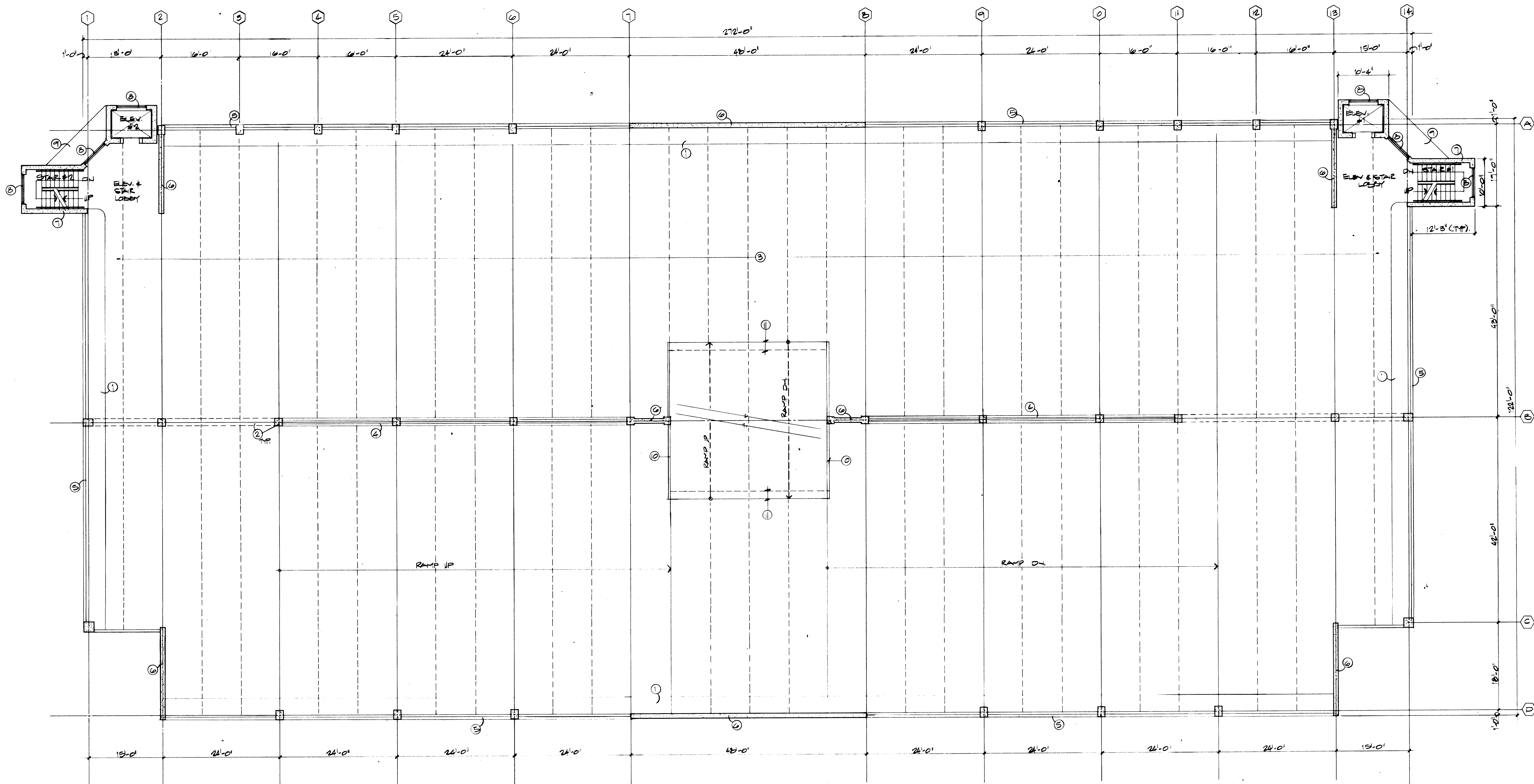
400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

fmb
flatow moore bryan & associates
architects, engineers, planners, interior designers
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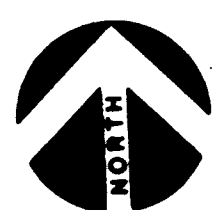
STATE OF NEW MEXICO
JASON P. MOORE
No. 107
REGISTERED ARCHITECT

DATE 1/22/82 BY SD
CHECKED J.M.
SIGNED J.M.
SIGNED J.M.

A 12



PRECAST ALTERNATE - TYPICAL FLOOR PLAN
18'-0" x 11'-0"



GENERAL NOTES

THIS SHEET IS FOR GENERAL LAYOUT PURPOSES ONLY. SEE ALL E&S FOR ALL ITEMS AND FINISHES.

NOTES

1. 4" HIGH CONCRETE CURB
2. PRECAST BEAMS & COLUMNS
3. PRECAST CONCRETE TIE
4. PRECAST CONCRETE CHANNELS WITH STEEL PIPE GUARD RAIL
5. PRECAST CONCRETE PANELS (1")
6. PRECAST CONCRETE RAIL
7. PRECAST CONCRETE STAIRS
8. LEBAN IN TYPICAL ALUMINUM FRAME
9. ROOF RAILING (ON 2ND FLOOR)
10. 2'-0" HIGH CONCRETE CURB WITH 2 1/2" STEEL PIPE GUARD RAIL
11. CROSS BEAMS BELONG TO GARAGE RAMP

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2-5-86 PDATE

11/21/94 DanilW.

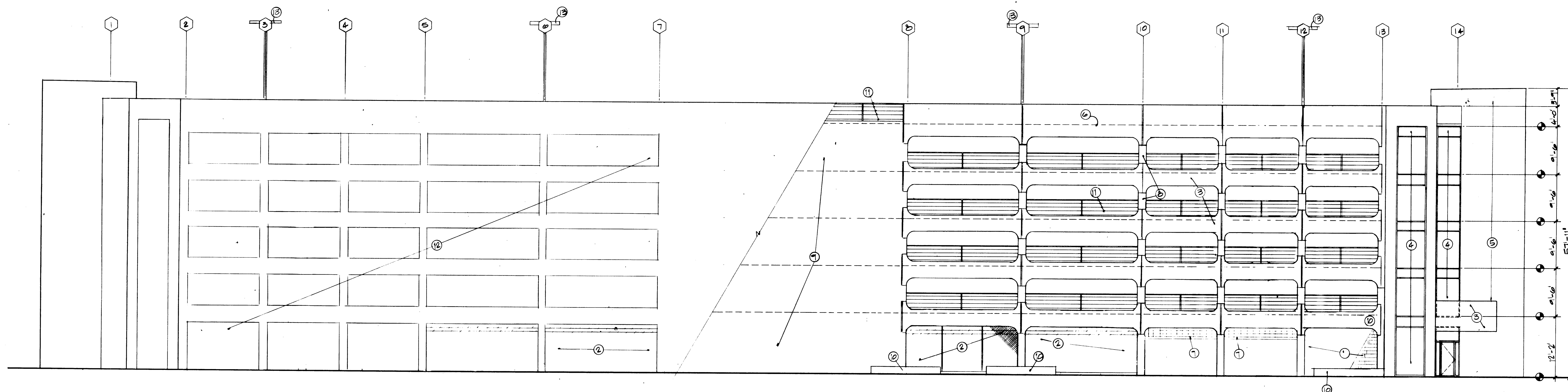
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26 10464287

COPPER AVENUE PARKING STRUCTURE

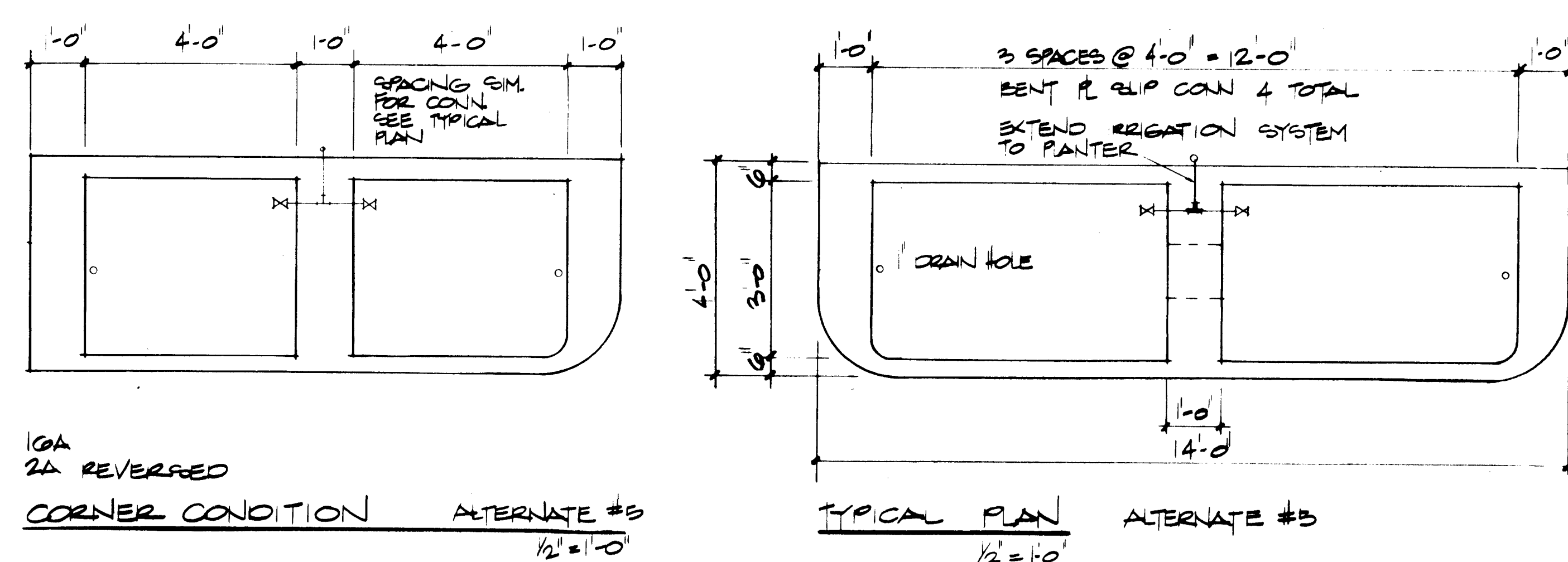
COPPER & FIFTH
ALBUQUERQUE, NEW MEXICO

rmb
R. M. BROWN, P.E. & ASSOCIATES

1/22/82	E23-A	PRECAST ALTERNATE TYPICAL FLOOR PLAN #2 & #3
checked		



PRECAST ALTERNATE - NORTH ELEVATION
1/8" = 1'-0"

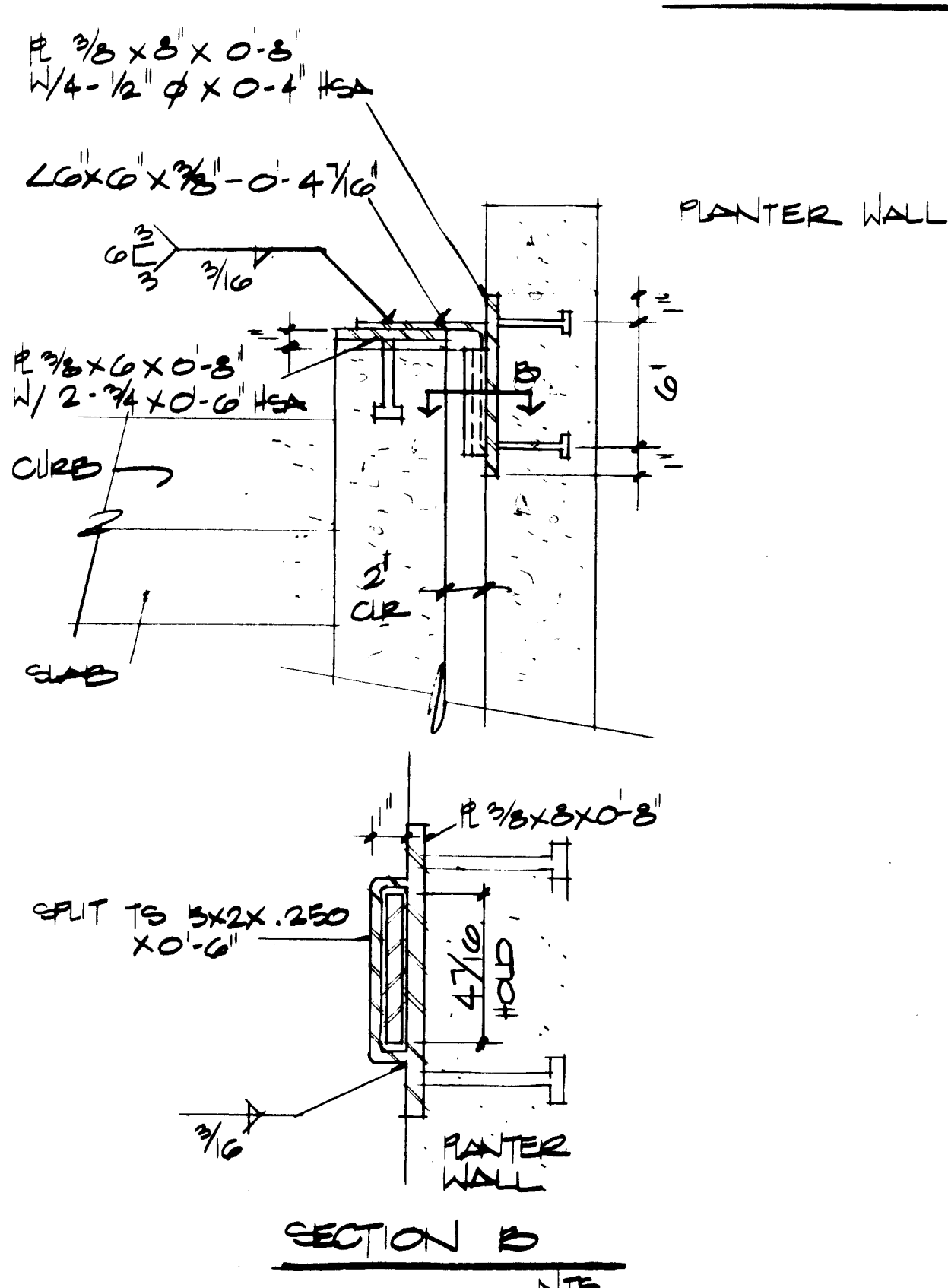


10A
2A REVERSED
CORNER CONDITION ALTERNATE #3
1/2" = 1'-0"

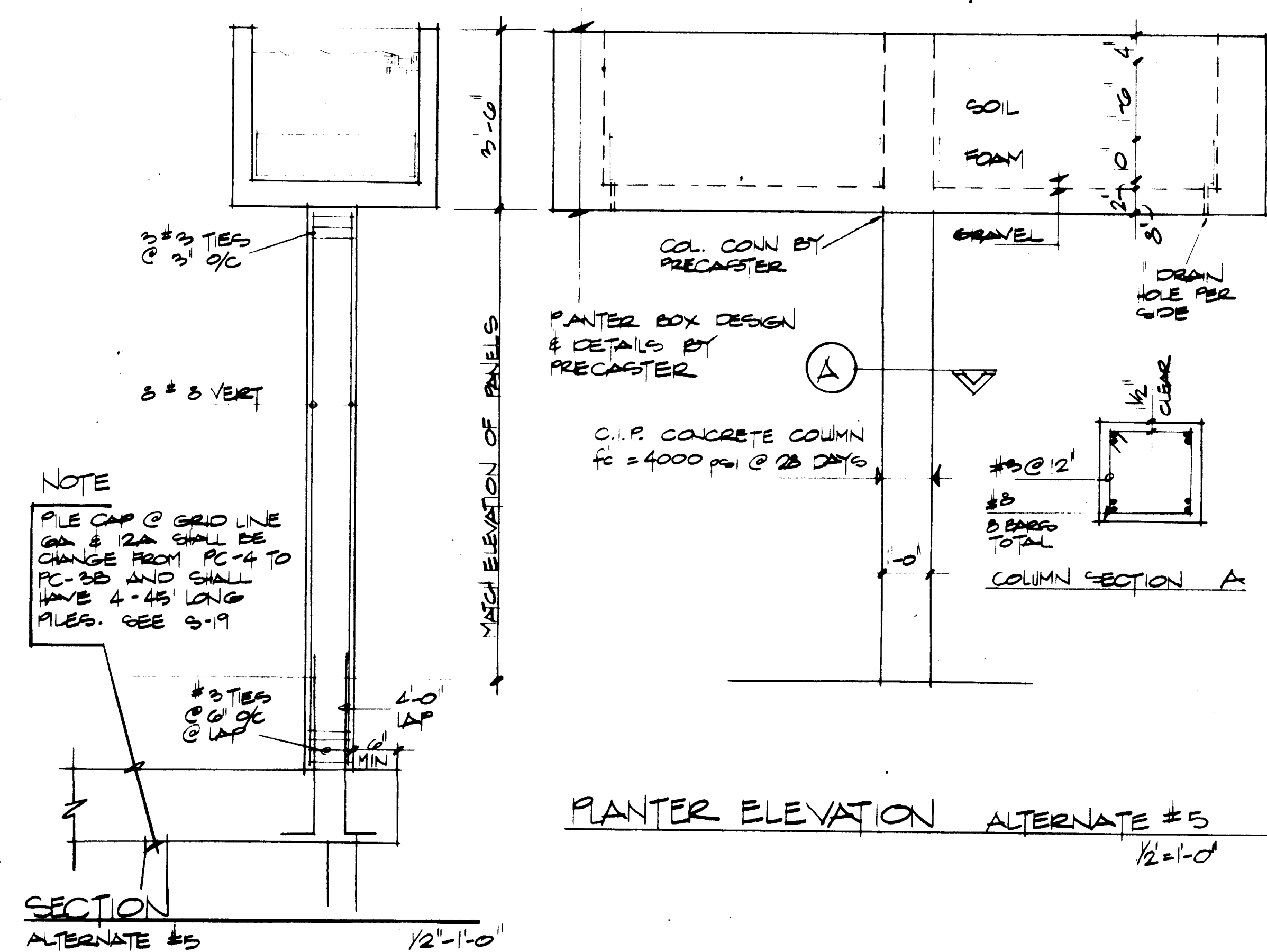
TYPICAL PLAN ALTERNATE #3
1/2" = 1'-0"

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GENERAL NOTES
A. ALL FINISHES ON A4 & A5
APPLY TO THIS ELEVATION

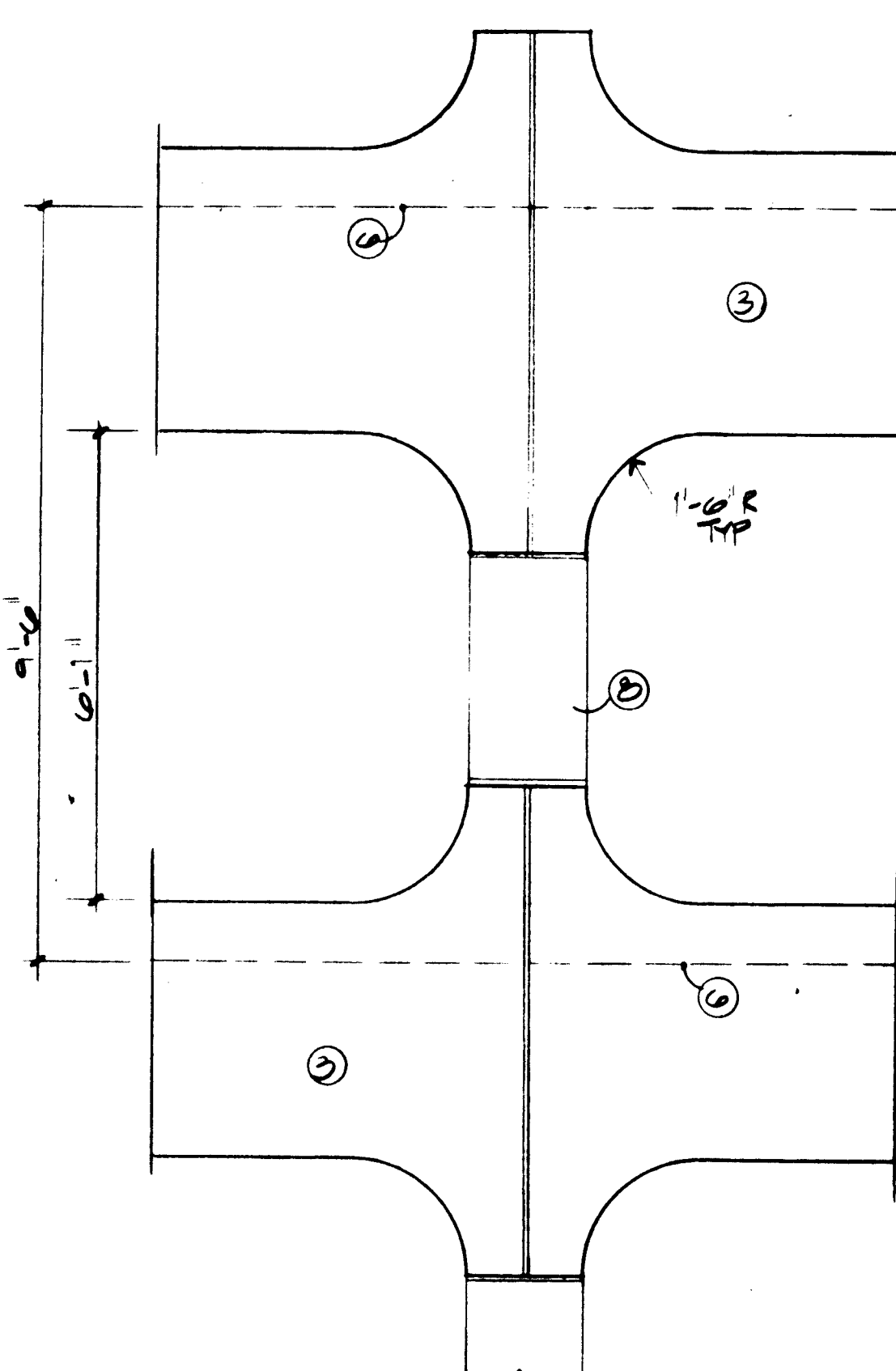


TYPICAL PLANTER TO SPANDEL
CONN ALTERNATE #3 NTS

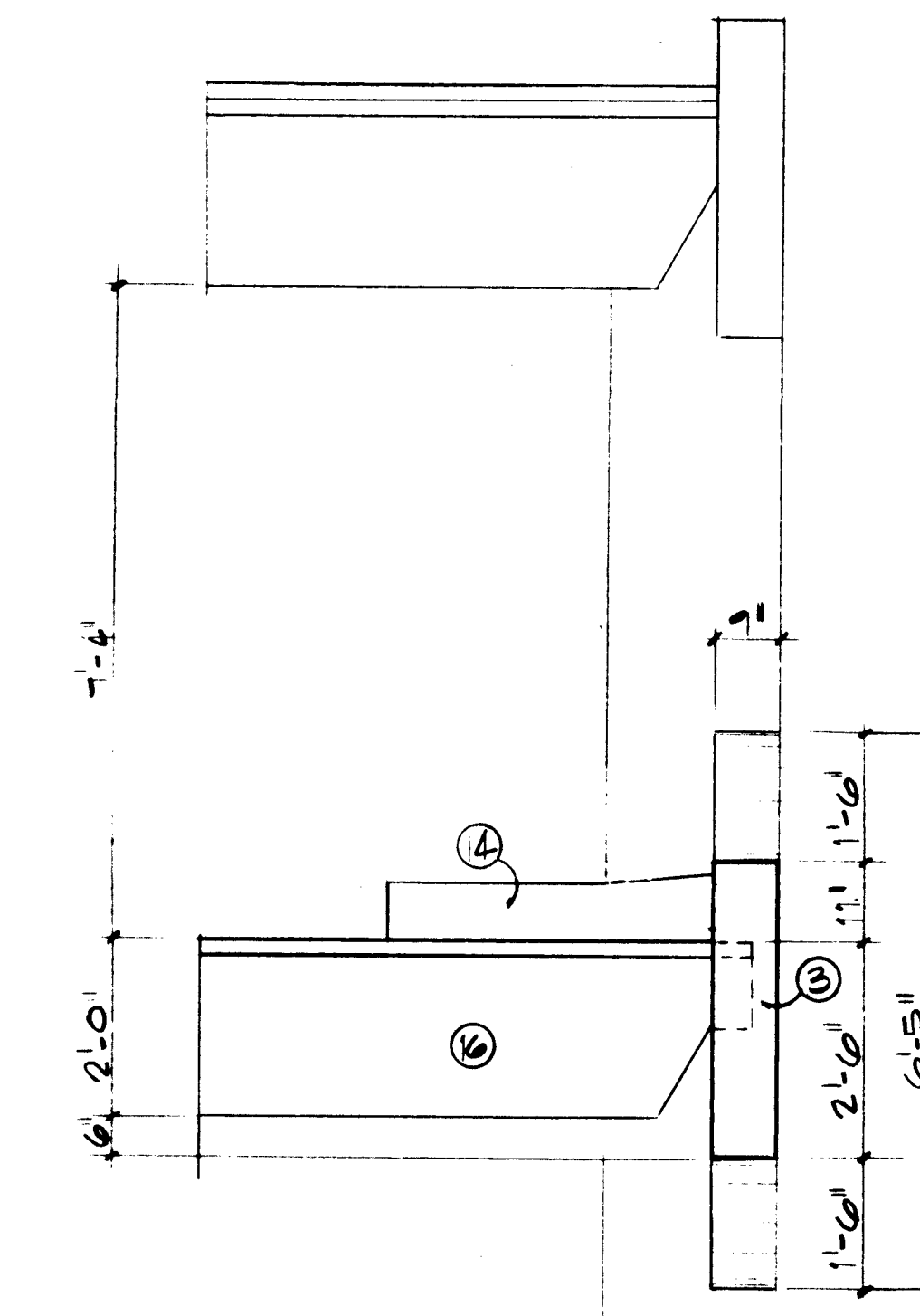


NOTE
PILE CAP @ GRID LINE
ON 12A SHALL BE
CHANGED FROM PC-24 TO
PC-28 AND SHALL
HAVE 4-45 LONG
PILES. SEE S-19

PLANTER ELEVATION ALTERNATE #3
1/2" = 1'-0"



ELEVATION
1/2" = 1'-0"



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Architect."

SECTION
1/2" = 1'-0"

- NOTES
1. SPIT FACE CMU
 2. CHAIN LINK PERIMETER ENCLOSURE
 3. PRECAST CONCRETE PANELS
 4. LEVANT GLAZING IN ALUMINUM FRAME
 5. STAIR TOWER BEYOND
 6. LINE OF FLOOR BEYOND (TYPICAL)
 7. ROLLING CURTAIN DOOR
 8. BRIDGE CONCRETE COLUMN
 9. FORMED CONCRETE BEAM WALL
 10. CMU PLANTERS
 11. 2 1/2" Ø STEEL PIPE GUARDRAIL & INTERMEDIATE SUPPORT WITH 1/2" Ø AIRCRAFT CONTROL CABLE
 12. BUILDING IS SYMMETRICAL. THE HALF OF ELEVATION IS MIRROR IMAGE OF ADJACENT SIDE.
 13. LIGHT FIXTURES & ROSE
 14. CONCRETE CURB
 15. ~~CONCRETE CURB~~ DELETE
 16. CONCRETE TEE

11/21/04 DAWN

COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

pm

1/22/03 LRS-A

REVISION ALTERNATE NORTH ELEVATION
PER SPS AND ACT. 95

EQUIPMENT SCHEDULE				
SYMBOL	DESCRIPTION			
①	MAKE-UP AIR FAN: Wall type propeller fan, GREENHECK Model SBP-36 (44" x 44" panel size), 6000 CFM at 0.25" S.P., 600 RPM (approx.), 1 HP (480v-3ph-60cy), adj. V-belt drive, motorized inlet louver with N.C. damper and heavy duty commercial damper operator (opens when fan cycles "ON"), fan and drive guard assembly, 5500 FPM max. tip speed, see Detail also.			
②	VENTILATION FAN: Inline fan for overhead horizontal installation, GREENHECK SQD-14-B, 1500 CFM at 0.5" S.P., 1/3 HP (120v-1ph-60cy), 4300 FPM max. tip speed, direct drive, 1140 RPM, suspended up as high as possible, furnish with backdraft discharge damper. Suspend with rubber-in-shear isolators.			
③	EXHAUST FAN: EMERSON-PRYNE Model 2208-C, chrome inlet grille, 75CFM at 0.2 ESP, backdraft damper, 60 watts (120v-1ph-60cy); interlock to cycle "ON" with restroom light switch. Install a 12" x 6" KRUEGER XAL louver (with 1/2" birdscreen) in wall and duct from fan discharge to the wall louver.			
④ and ⑤	ELECTRIC CONVECTOR: Surface mounted convector with finished cabinet, 24" high, 5-7/8" deep, wall mounted thermostat and silent convector (if needed), U.L. approved, high temperature safety cut-out switch, 277v-1ph-60cy, complete package unit with all controls, mounting brackets, etc.			
	SYMBOL	LENGTH	KW	MODEL BTUH
	④	24"	2	KDF 242 6800
	⑤	48"	4	KDF 484 13,600
	Nos. are CHROMALOX			
⑥	ELECTRIC UNIT HEATER: Horizontal suspended unit, U.L. approved, CHROMALOX LUH-04, 4 kW, 277v-1ph-60cy, complete package unit including mounting brackets, thermostat, convector (if needed), high temperature safety cut-out switch, fan guard, adjustable discharge louvers, built-in control to cycle small fan motor with the heating element.			
⑦	COOLING UNIT: Complete package thru wall unit, locate up near ceiling, minimum outdoor air damper, wall sleeve, 208v-1ph-60cy, CARRIER Model ES09B3, 8600 ARI BTUH cooling, condense evaporation system, 1350 watts, WEATHERMAKER 301 Series. Coordinate with wall construction to assure that unit fits properly, provide lintel above wall opening, 250 CFM, 2-speed supply fan.			

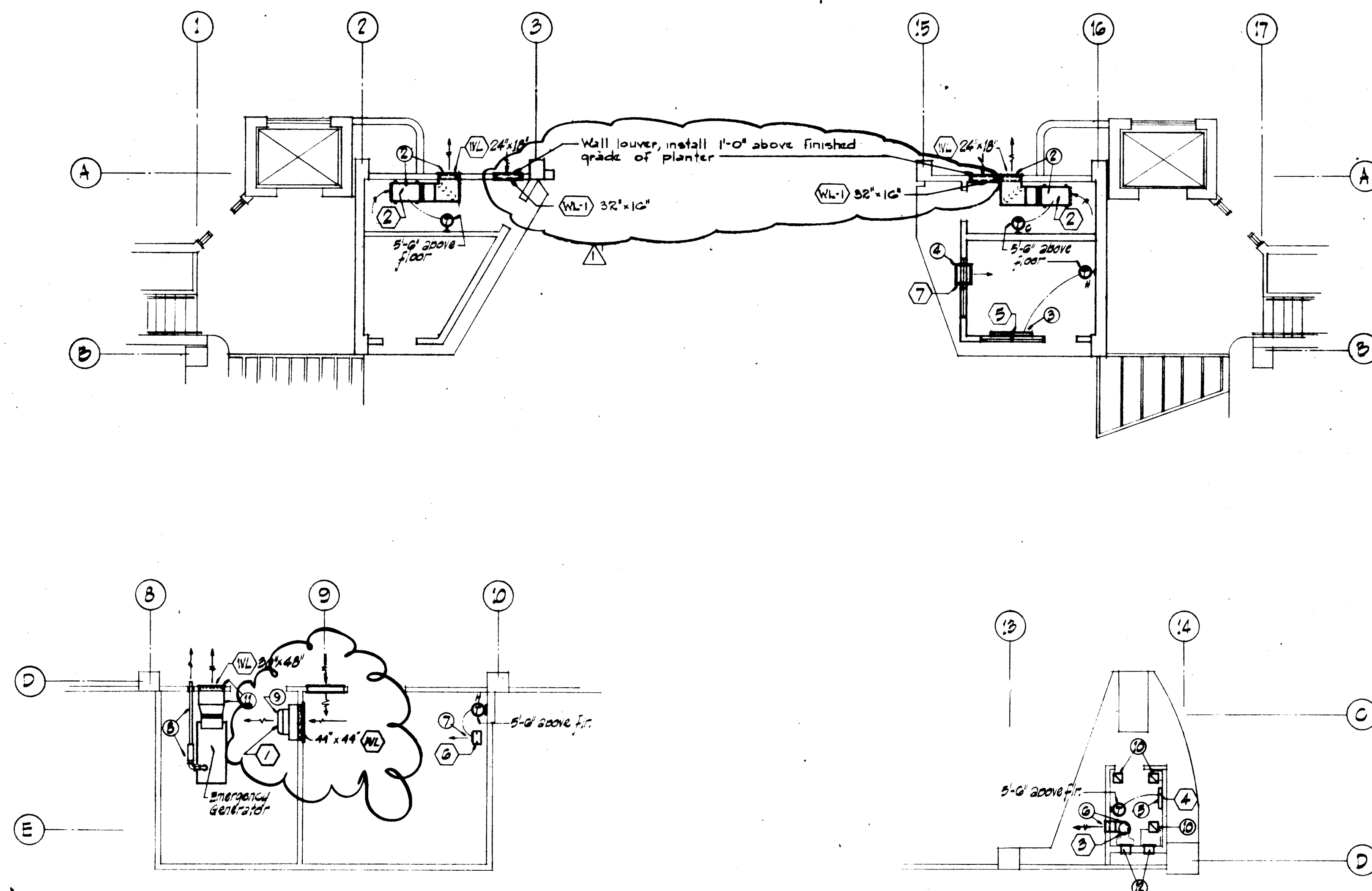
GRILLE & REGISTER SCHEDULE	
SYMBOL	DESCRIPTION
WL	WALL LOUVER: KRUEGER XY Series, type "J" weatherproof blades, 1/2" mesh aluminum screen on inside, prime coat finish, final paint at job, color as selected by the Architect, 2 coats required.
VB	VENTILATION GRILLE: KRUEGER EGC-5, egerate pattern, aluminum construction, flanged frame. Install in ceiling of Toilet Room to allow heat to rise into the ceiling space.
WL-1	WALL LOUVER: KRUEGER XY Series, type "J" weatherproof blades, 1/2" mesh aluminum screen on inside, prime coat finish, final paint at job, color as selected by the Architect, 2 coats required, coordinate final installation height with General Contractor, provide lintel at wall penetration.

△

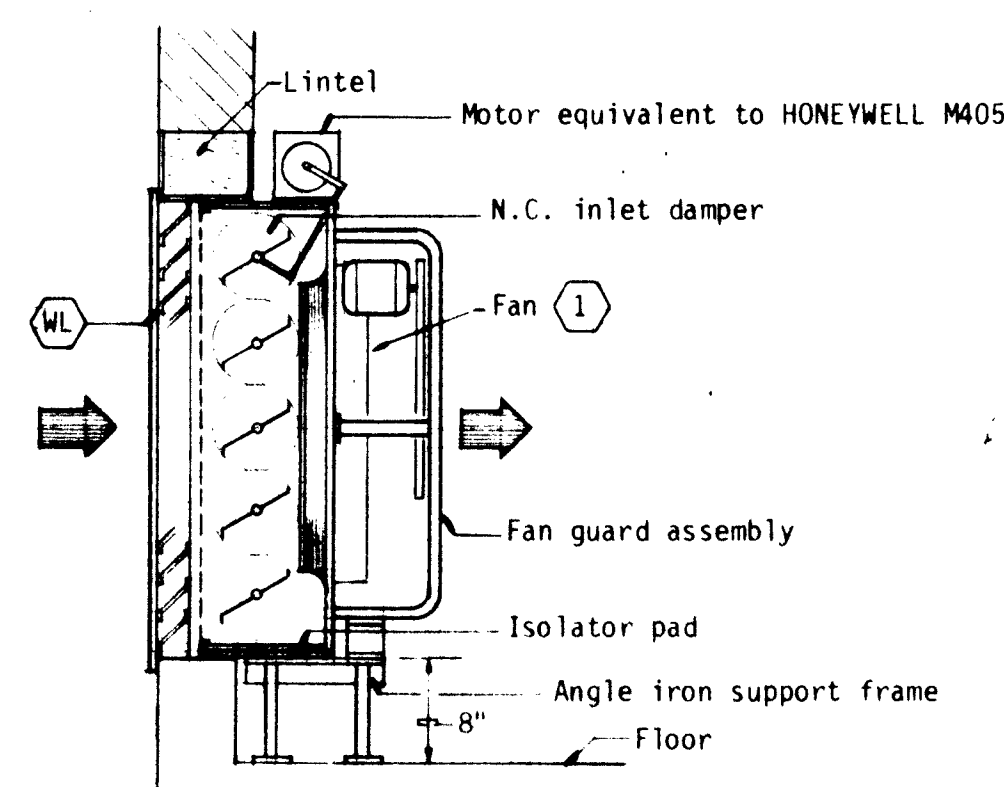
GRILLE & REGISTER SCHEDULE	
SYMBOL	DESCRIPTION
WL	WALL LOUVER: KRUEGER XY Series, type "J" weatherproof blades, 1/2" mesh aluminum screen on inside, prime coat finish, final paint at job, color as selected by the Architect, 2 coats required.
VG	VENTILATION GRILLE: KRUEGER EG-5, eggcrate pattern, aluminum construction, flanged frame. Install in ceiling of toilet room to allow heat to rise into the ceiling space.
WL-1	WALL LOUVER: KRUEGER XY Series, type "J" weatherproof blades, 1/2" mesh aluminum screen on inside, prime coat finish, final paint at job, color as selected by the Architect, 2 coats required, coordinate final installation height with General Contractor, provide lintel at wall penetration.

KEYED NOTES:

- Install door louver in lower portion of door to provide filtered make-up air for the room ventilation fan, Symbol ②.
- Install fan ② up high, coordinate exact location to clear all elevator equipment and service lines. Support from overhead structure. Connect 18" x 18" discharge duct, terminate at a 24" x 18" flanged wall louver with 1/2" mesh aluminum screen on inside (WL), locate louver up approximately 8 ft. above grade, coordinate height with General Contractor, provide lintel at wall penetration. The thermostat shall cycle fan "ON" on a rise in temperature to 88°F.
- Install Convector ⑤ up 8" above floor, follow manufacturer's instructions. Install thermostat up 5'-6" on 1" rigid insulation block or neatly finished wood block.
- Install unit ⑦ up approximately 6" below the ceiling to the top of the unit. Select a wall location that does not conflict with the window height. Coordinate with the General Contractor, provide a lintel at the wall opening.
- Install heater ④ 8" above floor, follow manufacturer's instructions, install thermostat up 5'-6" to control the heater, on a 1" rigid insulation block.
- Install fan ③ in ceiling and extend discharge duct thru wall to a 12" x 6" KRUEGER XAL wall louver. Interlock for fan to cycle on with Toilet Room Light.
- Install Heater ⑥, suspend from overhead structure, install high as possible; install thermostat on 1" rigid insulation block.
- Assemble and install the exhaust system for the engine generator. Furnish pipe and fittings as necessary. The muffler and flexible connectors will be furnished with the machine. Use heavy gauge steel pipe, welded or exhaust flange joints. Extend pipe up and run overhead and discharge thru the wall into the open Parking Area (up 7'-0" to top of discharge pipe). Install oversize sleeve in wall, fill with asbestos rope and conceal with a metal collar attached to pipe. Cut off discharge pipe at a 45° angle 12" beyond outside wall of room. Verify pipe size from engine generator shop drawings (2" to 3" probable size). Provide protective wire mesh safety enclosure to protect pedestrians from bumping into the exhaust pipe.
- Install make-up air fan ① in a nominal 44" x 44" wall opening, up 8" minimum above floor. There shall be a lintel above the opening. Install a 44" x 44" wall louver in opening, a shaftmetal sleeve with a normally closed motorized damper and attach to inlet of fan ①. Fabricate steel angle iron support assembly to support fan weight. Fan shall draw air into the room. Fan ① shall be interlocked to cycle "ON" whenever engine generator is running. The normally closed inlet dampers shall open whenever the fan motor is running.
- 12" x 12" VG in ceiling, 3 required in this room. Position to clear light fixtures.
- Install 30" x 48" WL up approximately 16" above floor. Install 30" x 48" duct and transition fitting (with heavy treated canvas flex. connector) to connect to radiator housing on engine generator. This duct and louver shall carry the heated air out into the open Parking Area. Coordinate fitting size to connect to the machine, provide angle to attach duct to, if necessary.
- Install two 12" x 12" VG in wall, one low and one high, to allow warm air to circulate in the piping chase. Locate grilles to clear other items.



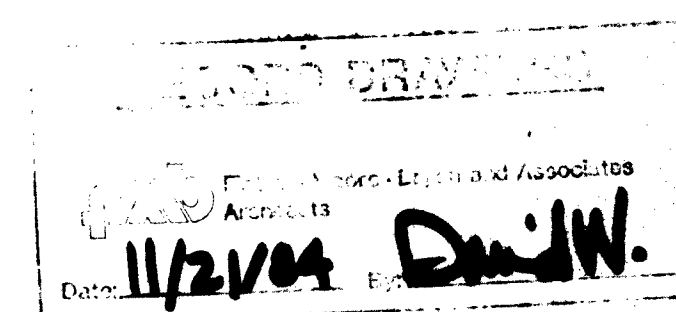
PARTIAL FLOOR PLANS - MECH.
SCALE: 1/8" = 1'-0"



INLET AIR FAN ① DETAIL
NOT TO SCALE

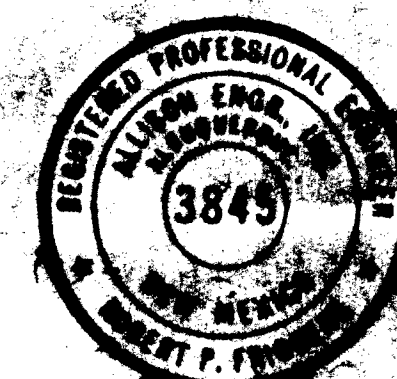
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As Built 10/11/03 KWB
2-24-02 Add wall louvers, ducts, etc.

1 2 3 4 5 6 7 8 9 10 11 12
26 110464407



COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

fmb

PARTIAL MECH. FL. PLAN & SCHEDULES

M-1

As Built 10/11/03 KWB

2-24-02 Add wall louvers, ducts, etc.

KEYED NOTES:

- 1 Existing 12" water line, verify exact location in field.
- 2 Existing 6" water line, verify exact location in field.
- 3 New 3/4" water line.
- 4 New 1" water line.
- 5 New 1 1/4" water line.
- 6 New 1 1/2" water line.
- 7 New water meter.
- 8 Connect new 1 1/2" water line to existing 12" water line. Verify exact location of existing line in field.
- 9 New Box Hydrant (BH-1).
- 10 Deleted.
- 11 New bubbler type sprinkler head, TORO Model No. 514-20.
- 12 New automatic electric valve, TORO Model No. 216-06-04. This Contractor shall be responsible for installation of all electrical wiring from the automatic valves to the Controller located in Elevator Machine Room 103. Two valves shall be operated on each zone for a total of three stations.
- 13 New 1 1/2" vacuum breaker.
- 14 New shut-off valve in lockable cast iron valve box.
- 15 New 4" fire protection line.
- 16 Connect new 4" fire protection line to existing 12" water line. Verify exact location of existing line in field.
- 17 Existing fire hydrant.
- 18 Existing fire hydrant located at the intersection of Central Avenue and Fourth St.
- 19 Existing fire hydrant located at the intersection of Central Avenue and Fifth St.
- 20 Existing 21" Storm Sewer line.
- 21 Existing 30" Storm Sewer line.
- 22 Existing 42" Storm Sewer line.
- 23 Existing Storm Sewer line.
- 24 Existing Storm Sewer manhole.
- 25 Existing Storm Sewer inlet.
- 26 New two-way cleanout to grade.
- 27 New cleanout to grade.
- 28 New 10" Storm Sewer line.
- 29 Connect new 10" Storm Sewer line to existing Storm Sewer inlet. Verify exact location of inlet in field. This Contractor shall install a 24" x 24" x 3/8" steel plate on the west wall of the inlet, just above the 10" Storm Sewer entrance. This plate shall be securely attached to inlet wall with 1/2" expansion bolts, 4 per side. Contractor shall submit shop drawing for approval.
- 30 Existing 8" Sanitary Sewer line, verify exact location in field.
- 31 Existing 30" Sanitary Sewer line.
- 32 Existing Sanitary Sewer Manhole.
- 33 Connect new 4" sanitary sewer to existing 8" sanitary sewer, verify exact location in field.
- 34 New 4" Sanitary Sewer line.
- 35 Existing 6" high pressure gas line.
- 36 Existing low pressure gas line, verify exact location in field.
- 37 Existing 4" low pressure gas line.
- 38 This Contractor shall be responsible for coordination with the Gas Co. of New Mexico to determine all live gas lines located on this property and their associated removal or abandonment.
- 39 New automatic electric valve, TORO Model No. 216-06-04. This Contractor shall be responsible for installation of all electrical wiring from the automatic valves to the Controller located in Elevator Machine Room 103. These two valves shall be operated from one zone.

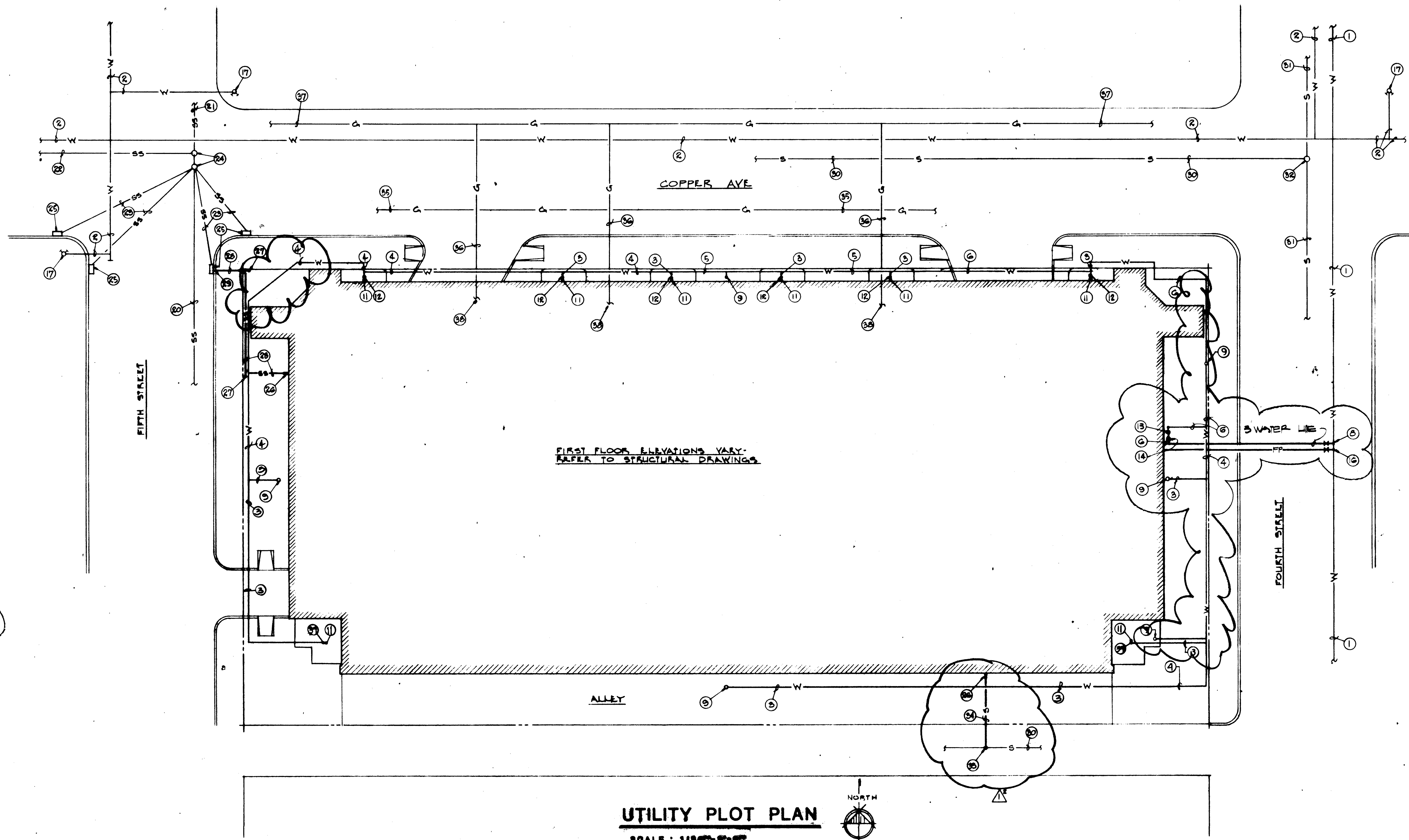
CONTRACTOR NOTES:

These drawings reflect information on Utilities gathered by site inspection, discussions with City of Albuquerque Engineering Personnel and Engineering drawings. It is possible that the exact location of lines in the immediate vicinity of the proposed building may be different from the location shown on this drawing. If additional lines are encountered, they shall be exposed and identified by this Contractor. Where additional lines and/or differing locations are encountered, this Contractor shall request that the Architect make a ruling as to any necessary change of materials, re-routing, abandoning or relocating of such lines. Gas Co. of N.M. shall be the sole authority in ruling on the disposition of natural gas piping. All lines encountered that interfere with construction shall be re-located to clear construction (if active) and shall be removed (if inactive) by THIS CONTRACTOR UNDER THIS CONTRACT. All bidders are cautioned to investigate site conditions before submitting their bids.

UTILITIES NOTES

GENERAL:

- This Contractor shall be responsible for the complete installation of all work related to Mechanical Utilities including: Trenching, patching existing streets and alleys, backfill, supports, cleanout pads, service stops and boxes, service lines, testing, cleaning and sterilizing. Any work not accepted by the Architect or Mechanical Engineer due to improper workmanship or lack of proper coordination shall be removed and correctly installed at the Mechanical Contractor's expense, as directed.
- Minimum depths below grade (cover):
Water - 42" Sewer - 24" Gas - 18"
- This Contractor shall coordinate cutoff of existing Utilities for new connections with City of Albuquerque Engineering Officials and shall conform to their requirements.
- Utilities Connection Points are approximate only. Each bidder shall satisfy himself as to existing site conditions before submitting his bid. No allowance shall be made after the contract is awarded to compensate for lack of pre-bid inspection of the site by the successful bidder.



UTILITY PLOT PLAN

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

NOTES:

- A. All outside irrigation piping shall slope to drain valves to enable the irrigation lines to be drained to prevent freezing in winter.
- B. This Contractor shall be responsible for coordination with the City of Albuquerque to determine any and all live existing sanitary sewer or water lines located on this property. Any such lines shall be capped at the property line and the remaining piping shall be abandoned or removed.

"These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect."

12-15-86 UPDATE

1/24/88 D.W.

As Built 11/1/85 JWB
B-24-86 Change direction of soil line during construction

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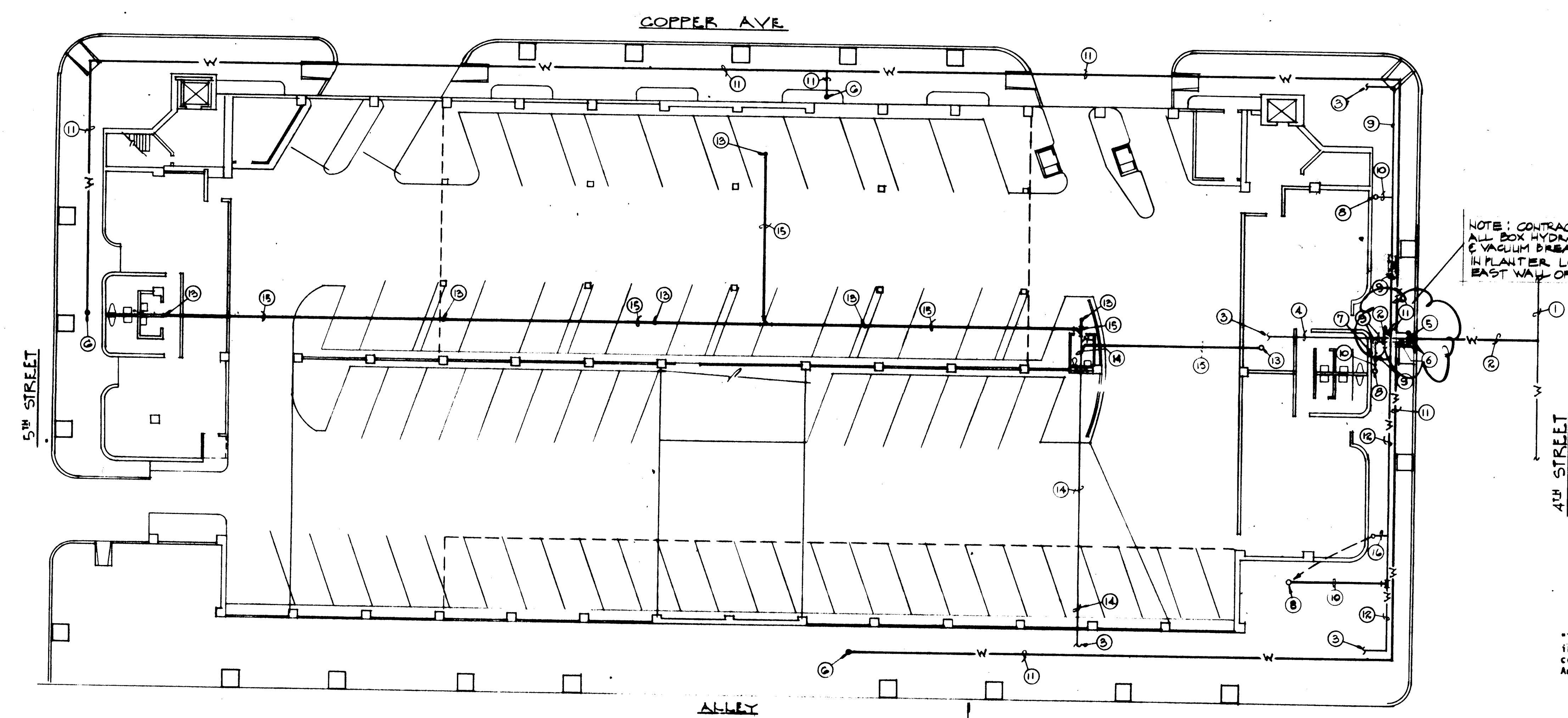
COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

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UTILITIES PLOT PLAN
P-1

- ① Existing 18" water line
- ② New 8" water line
- ③ See original contract drawings for continuation
- ④ ¾" water line, see original contract drawings
- ⑤ Water Meter
- ⑥ Shut-off valves located in meter pit
- ⑦ 1½" vacuum breaker
- ⑧ Box Hydrant (B.H.-I)
- ⑨ 1½" water line
- ⑩ ¾" water line
- ⑪ 2" water line
- ⑫ 1" water line
- ⑬ Cleanout
- ⑭ 4" soil line, see original contract drawings
- ⑮ New 4" soil line
- ⑯ Relocate ¾" water line and box hydrant to planter as shown



NOTE: CONTRACTOR SHALL INSTALL ALL BOX HYDRANTS, VALVE BOXES & VACUUM BREAKERS IN THIS AREA IN PLANTER LOCATED ALONG EAST WAY OF TENANT DEVELOPMENT

*These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect."

11/24/04 **Daniel W.**

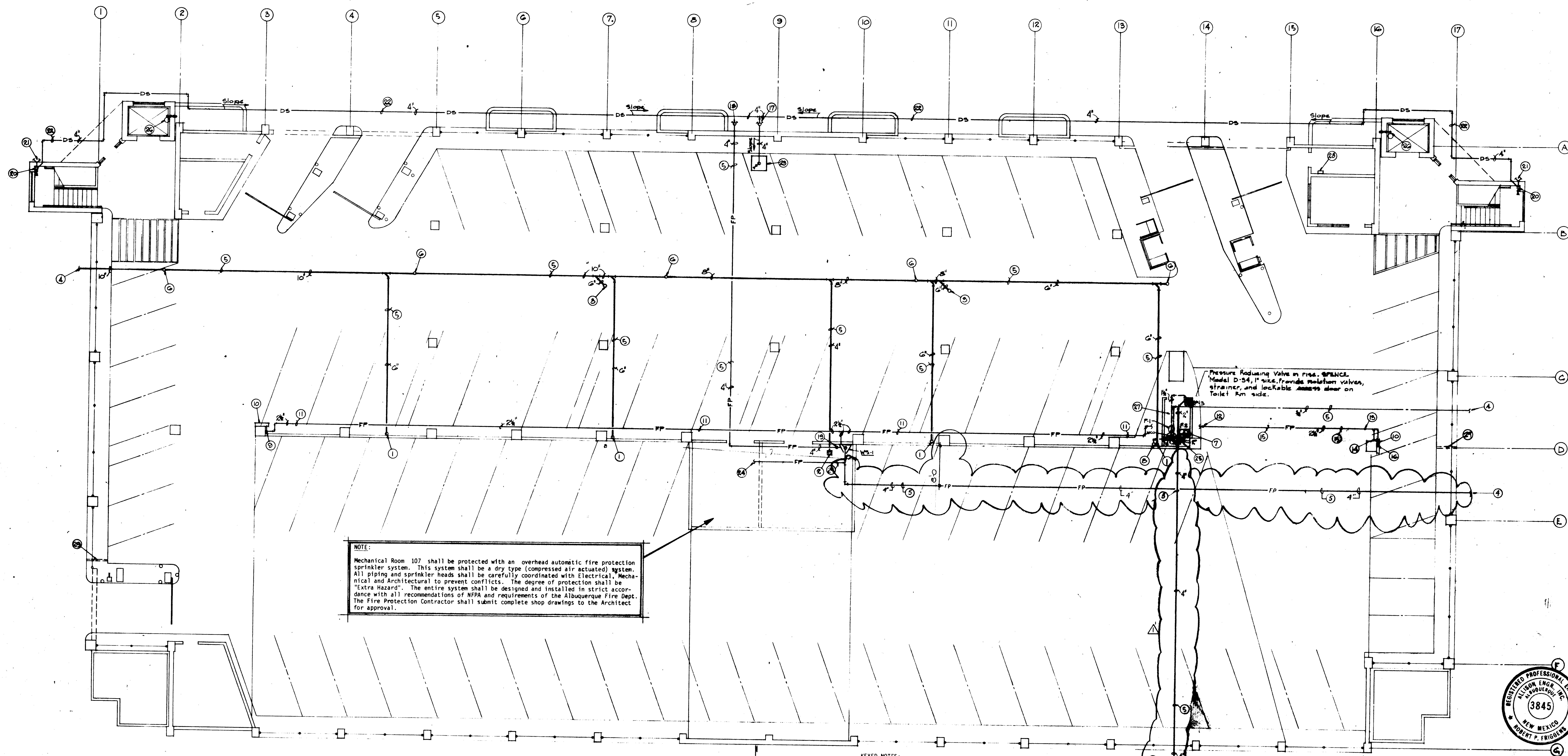
As Built 10/31/83 KWB

TENANT DEVELOPMENT SEWER & WATER EXTENSIONS

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LASON 1-505-344-9404
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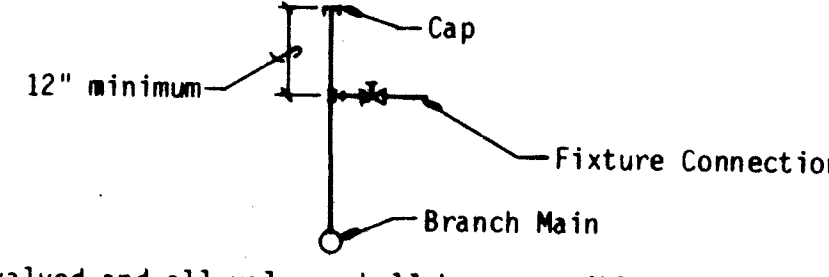
GROUND FLOOR PLAN

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

PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION
P-1	WATER CLOSET (HANDICAPPED): KOHLER "Highline Water-Guard" Model No. K-3528-EB, siphon jet action, elongated bowl, vitreous china, close coupled tank, free standing, 3/8" angle valve with chrome-plated supply, Model No. K-7638, float valve with vacuum breaker Model No. K-9262, flush valve, Model No. K-9354, Trip lever, Model No. K-9402, Solid plastic seat, Model No. K-4652 two bolt caps, 18" rim height for handicapped. 4" waste, 2" vent and 1/2" cold water.
P-2	LAVATORY (HANDICAPPED): KOHLER "Greenwich" Model No. K-2032, concealed arms, vitreous china, 20" x 18", front overflow, soap depression, faucet holes 4" centers, supply and drain fitting CHICAGO FAUCET Model No. 797-335 with 0.5 gpm flow restricting aerator Model No. E-2085 lifting hot water delivery to maximum of 0.5 gpm and 0.25 gallons, chrome plated supply pipes and angle stops Model No. K-7606, 1/2" x 1/2" chrome plated trap Model No. K-9000 with escutcheon. Carrier by ZURN, WACO or JUSAM, 1/2" waste, 1/2" vent, 1/2" cold water and 1/2" hot water. Provide 1" rigid insulation on the supply and p-trap. See Architectural Drawing Drawings for mounting height.
P-3	ELECTRIC WATER COOLER (HANDICAPPED): HMC Model No. HMC-B-S, self-contained, wall mounted, stainless steel top and cabinet, level action bubbler valve, capacity 7.5 gpm of 50°F drinking water based upon 80°F inlet water and 90°F ambient. 3/8" supply with wheel handle stop and 1/2" x 1/2" chrome-plated p-trap. 1/2" waste, 1/2" vent and 1/2" cold water.

PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION
NOTE:	All plumbing fixtures above shall have chrome plated finish on all exposed supply piping valve stops, tailpieces, p-traps and escutcheons. Escutcheons shall be provided at all wall penetrations of supplies and waste lines.
NOTE:	This Contractor shall furnish and install all fixtures indicated on this schedule where shown on Floor Plans, with all required connections. Each fixture branch riser shall be taken off from the top of branch main, and an air chamber 12" long (minimum) shall be located above each fixture branch, undiminished thus: 
	All branches shall be valved and all valves shall be accessible with access provided by this Contractor. All valves shall have unions adjacent.

KEYED NOTES:

- 6" RD leader from above.
- Floor Drain (FD-1).
- Floor Drain (FD-2).
- See Utility Plot Plan for continuation.
- Piping located below Level 1 floor slab.
- Cleanout (CFC-1).
- Hot Water Heater (HWH-1) installed below Lavatory.
- 4" vent up.
- 2" wet standpipe (compressed air actuated) down and 2 1/2" wet standpipe (compressed air actuated) up.
- Fire Hose Cabinet (FHC-1) securely supported from architectural member, see Architectural Drawings.
- Hold piping tight as possible to bottom of beams and north face of columns.
- Rise piping to within beam space.
- Drop piping below beam.
- 2" wet standpipe (compressed air actuated) down to Fire Hose Cabinet (FHC-1).
- Piping located within beam space.
- 2 1/2" wet standpipe (compressed air actuated) up.
- Slidewalk type slamese connection, mark "DRY STANDPIPE". Installation shall conform with all City of Albuquerque requirements and NFPA recommendations.
- Slidewalk type slamese connection, mark "WET STANDPIPE". Installation shall conform with all City of Albuquerque requirements and NFPA recommendations.
- Drop 4" fire protection line below floor slab.
- 4" dry standpipe with 2 1/2" fire department connection at each level.
- Slamese connection, mark "DRY STANDPIPE". Installation shall conform with all City of Albuquerque requirements and NFPA recommendations.
- 4" dry standpipe interconnection. Bury minimum of 3'-0".
- 3'-0" x 3'-0" drainage pit. Depth as necessary (dictated by invert elevation of dry standpipe at this location). Provide removable solid steel cover. Walls and floor of pit to be constructed of 2000 psi concrete (minimum) with #4's o.c. each way. #4 dowels at 12" o.c. Provide drain valve at bottom of pit.
- Pipe Protection line (comp. air actuated) to automatic sprinkler system. Line size by successful Fire Protection Contractor.
- Pipe risers located in chases.
- Install Sump Pump (SP-1) and 2" discharge pipe to Elevator Pit floor.

- Change direction of soil line exiting building.
- Heating Cable: CHROMALOX M-1, (20-40 watts/L.F. capacity) complete with automatic temperature controller (and relay if necessary) and fittings to attach cable. (The Electrical Contractor will provide power source and connect power to controller, relay and to cable.) The Mechanical Contractor will install all cable on the water pipes. Provide 40 L.F. install as necessary to protect all water pipes in this general area. See Electrical Drawings for voltage.
- Irrigation Controller, TORO Model No. IC-4 (4 station).

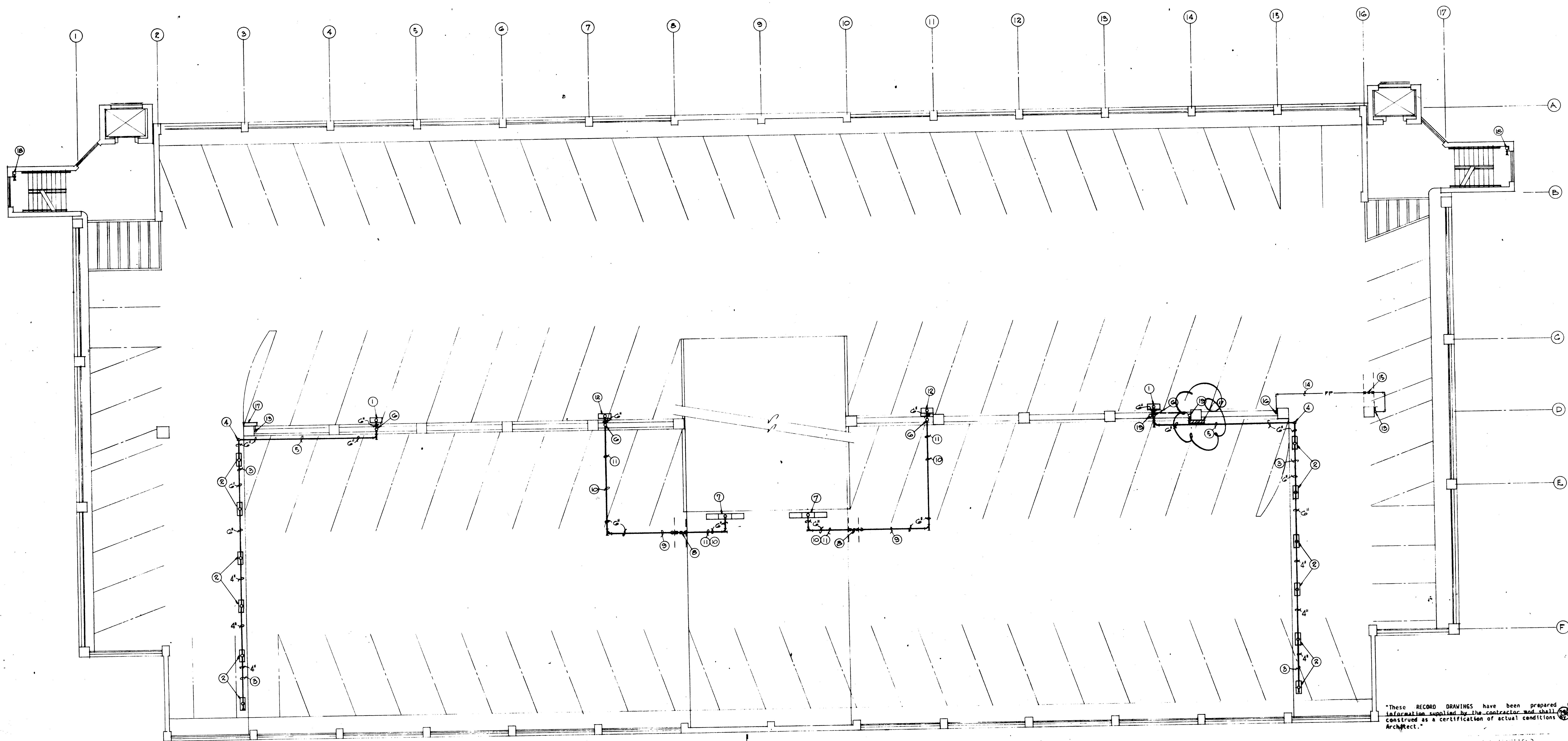
COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

rmb

GROUND FLOOR PLAN

P-2



TYPICAL FLOOR PLAN

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

SYMBOL	DESCRIPTION
FHC-1	FIRE HOSE CABINET: STANDARD Model No. 5408, fire hose and extinguisher cabinet with 20 gauge steel box, door and frame, Style 88G, 100 ft. hose, fire hose rack, No. 300, and fire extinguisher No. ABC-10. Hose rack, nozzle, valve, hose and fire extinguisher shall comply with all local codes and recommendations of NFPA. Supply from back of cabinet (left or right as indicated on plans).
CO	CLEANOUT: (Outside or unfinished area.) SMITH No. 4223, cast iron top, vandalproof screws, galvanized.
WCO	WALL CLEANOUT: Locate where shown or required by code. SMITH No. 4472 extra heavy bronze plug with stainless steel wall cover, V.P. screw.
FCD	FLOOR CLEANOUT: SMITH No. 4103-F-C-U-G, rated for extra heavy duty, round adjustable top, flashing flange, flashing device, vandalproof screws, polished bronze top, galvanized body and frame.
FD-1	FLOOR DRAIN: SMITH 2010-B, cast iron body and flashing collar, nickel-bronze strainer head with secured square-hole grate, size of outlet as noted on drawings, less p-trap, with backwater valve SMITH No. 7080.
FD-2	FLOOR DRAIN: SMITH No. 2203-U-G, cast iron body and flashing collar, galvanized cast iron tractor grate, slotted sediment bucket, vandalproof, size of outlet as noted on drawings, less p-trap, with backwater valve SMITH No. 7080.

SYMBOL	DESCRIPTION
TD-1	TRENCH DRAIN: SMITH No. 2710-F-G-B-C-HP-U, single section, cast iron body and grate with end plates and gaskets, flashing flange, galvanized, sediment bucket, flashing device, heel-proof grate, vandalproof grate, size of outlet as noted on drawings, less p-trap.
TD-2	TRENCH DRAIN: SMITH No. 2712-F-G-B-C-HP-U, 3 sections (A-B-C), outlet from center section, cast iron body and grate with end plates and gaskets, flashing flange, galvanized, sediment bucket, flashing device, heel-proof grate, vandalproof grate, size of outlet as noted on drawings, less p-trap.
SP-1 and SP-2	SUMP PUMP: KENCO Model No. 131AU, 1/3 HP, 120V-1ph-60cy, 10 gpm against 15 ft. head, thermal overload protection, corrosion resistant, hermetically sealed, oil filled motor, submersible.
BH-1	BOX HYDRANT (NON-FREEZE): SMITH No. 5810-VB, 3/4" inlet, 3'-0" bury, bronze hydrant with rough bronze box and bronze casing with "T" handle.
PG-1	PRESSURE GAUGE: TRERICE 600 Series, 4 1/2" dial, with snubber and gauge cock (HOKE No. 300), 0-100 psi scale range.
FEC-1	FIRE EXTINGUISHER AND CABINET: STANDARD Model No. 4108, surface mounted, door style 88G, furnish with fire extinguisher ABC-10. See Architectural Drawings for location.

KEYED NOTES:

- Trench Drain (TD-1) with 6" outlet, located at Levels 5 and 6.
- Trench Drain (TD-1) with 4" outlet, located at Level 5 under Base Bid and located at Level 6 if Alternate is accepted.
- Piping located below Level 5 slab under Base Bid and located below Level 6 slab if Alternate is accepted. Hold tight as possible to underside of slab.
- Drop piping below beam.
- 6" RD leader, hold tight as possible to bottom of beams and south face of columns.
- 6" RD leader from above and down, drop down in open chase.
- Trench Drain (TD-2) located at Level 5 under Base Bid and Alternate. Outlet size shall be 6".
- Sleeve beam, see Structural Drawings.
- Install piping at same slope as ramp.
- Hold piping as tight as possible to underside of slab.
- Piping located below Level 5 slab only.
- Trench Drain (TD-1) located at Levels 2, 3, 4, 5 & 6. Outlet size shall be 6".
- 2 1/2" wet standpipe (compressed air actuated).
- 2 1/2" set standpipe (compressed air actuated) located within beam space. This piping shall be installed only if Alternate is accepted.
- Sleeve beam, see Structural Drawings. Included only if Alternate is accepted.
- 2 1/2" wet standpipe (compressed air actuated) up. This piping shall be installed only if Alternate is accepted.
- Fire Hose Cabinet (FHC-1) securely supported from architectural member, see Architectural Drawings for Detail.
- 4" dry standpipe with 2 1/2" fire department connection at each level.
- 4" vent from below, offset below Level 6 slab and up.

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"These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall be construed as a certification of actual conditions by the Architect."

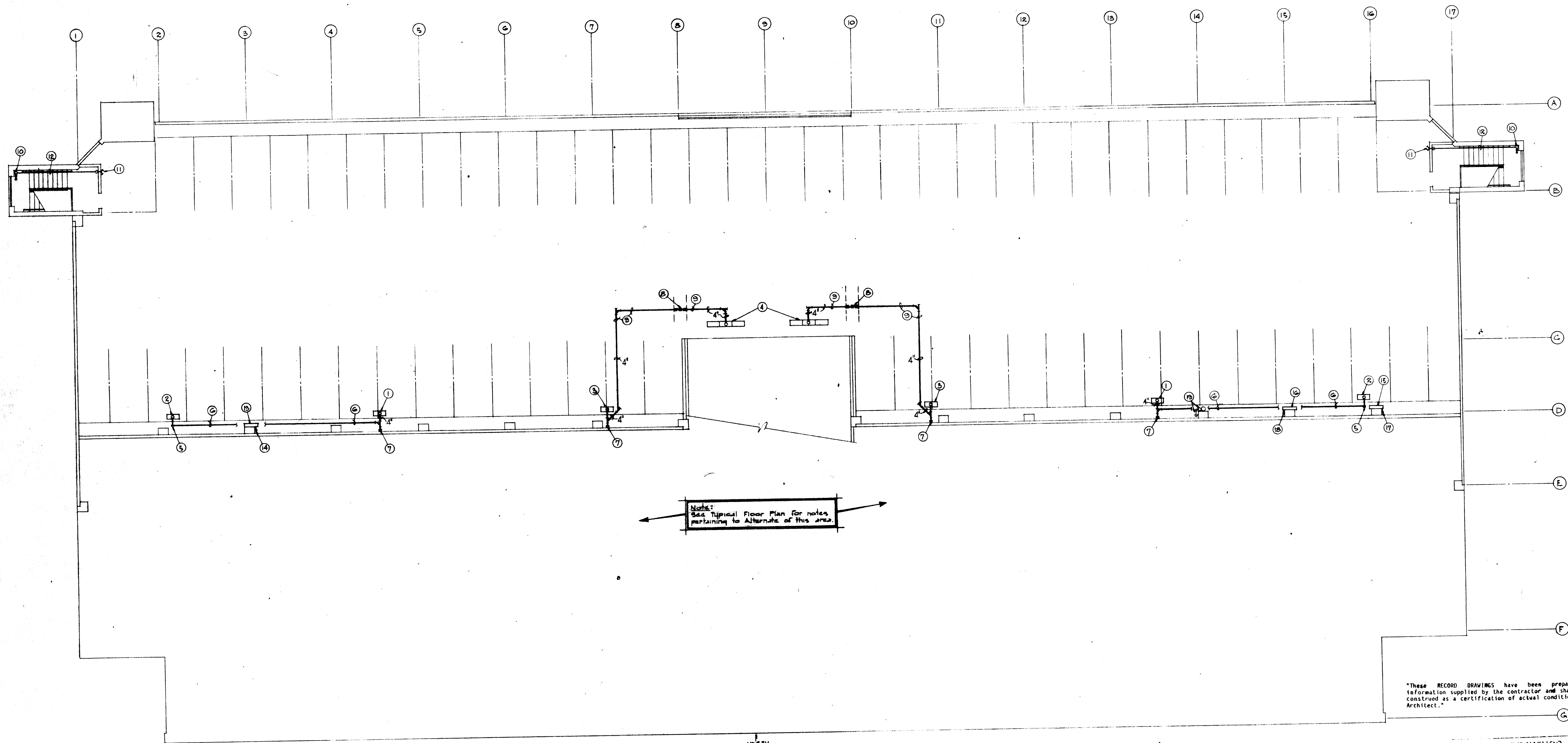
As BUILT 10/24/93 KUS

COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

rmb
Robert M. Brown & Associates

TYPICAL FLOOR PLAN
P-3



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



MISC. EQUIPMENT SCHEDULE	
SYMBOL	DESCRIPTION
HWH-1	DOMESTIC HOT WATER HEATER: STATE STOVE Model No. VMH-6-1K electric hot water heater, U.L. approved, factory assembled and tested, furnished with all safety and operating controls, including adjustable temperature controller and immersion type thermostat. Furnish temperature and pressure relief valve, size for full capacity of water heater. Tank shall be glass lined with anode protection, fiberglass insulated. Five year warranty on tank. 6 gallon storage capacity. 1650 watts heating element. 120v-1ph-60cy electrical current. Outlet hot water temperature set at 110°F.
WS-1	WET STAND-PIPE ENTRANCE: A piping and valving arrangement shall be provided and installed to produce a dry pipe system for supplying the fire hose cabinets and automatic sprinkler system and shall conform to all Local, State and NFPA requirements. The wet stand-pipe entrance shall include a check valve and D.S. & Y. valve on the main entrance piping, a Dry Pipe Valve, air compressor, check valve with ball drip on the stand-pipe connection and other appurtenances as might be necessary to provide this type of Fire Protection entrance. The Dry Pipe Valve shall be as manufacturer by the VIKING CORP., Model No. C-2, 4" size, with all associated valves, fittings, gauges, alarms, etc. as recommended by the manufacturer or required by Local, State or NFPA requirements. The air compressor shall be as manufactured by the VIKING CORP., Model No. C, 1/4 HP, 120v-1ph-60cy, with all associated fittings, gauges, pressure switches, etc. as recommended by the manufacturer or required by Local, State or NFPA requirements.

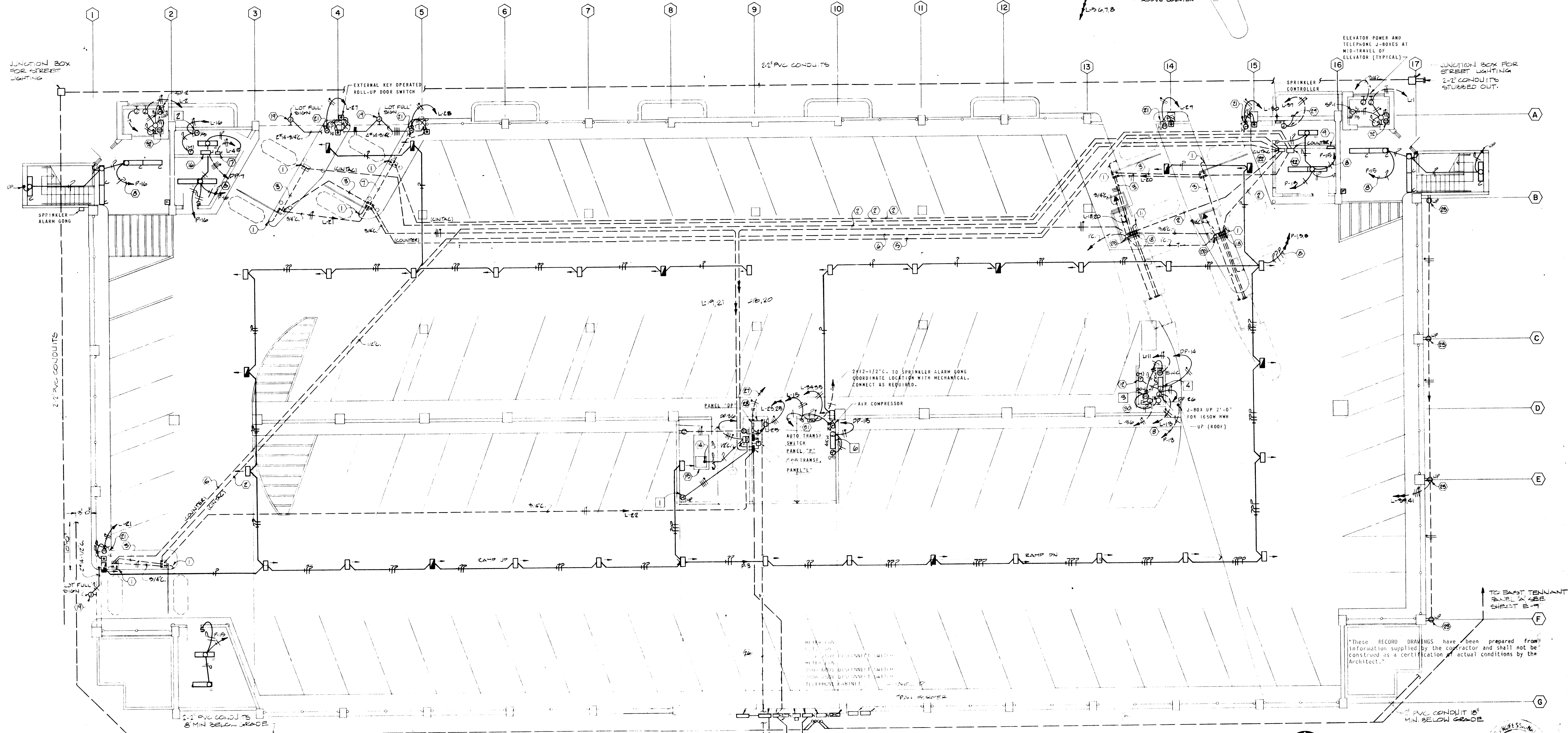
KEYED NOTES:

- ① Trench Drain (TD-1) located at Levels 5 and 6. Outlet size shall be 4".
- ② Trench Drain (TD-1) located at Level 6. Outlet size shall be 4".
- ③ Trench Drain (TD-1) located at Levels 2,3,4,5 & 6. Outlet size shall be 4".
- ④ Trench Drain (TD-1) located at Level 5. Outlet size shall be 4" (typ of 4).
- ⑤ Drop below bottom of beams.
- ⑥ 4" RD leader, hold tight as possible to bottom of beams and north face of columns.
- ⑦ 6" RD leader, drop down in open chase.
- ⑧ Sleeve beam, see Structural Drawings.
- ⑨ 4" RD leader located within beam space.
- ⑩ 4" dry standpipe with 2 1/2" Fire Department Connection at each level.
- ⑪ Fire Department roof manifold complying with all NFPA recommendations and Albuquerque Fire Department regulations.
- ⑫ 4" dry standpipe, hold tight to stairwell wall and roof slab.
- ⑬ Fire Hose Cabinet (FHC-1) securely supported from architectural member, see Architectural Drawings for Detail.
- ⑭ 2 1/2" wet stand-pipe (compressed air actuated).
- ⑮ Fire Hose Cabinet (FHC-1) location under Base Bid. Securely supported from architectural member, see Architectural Drawings for Detail.
- ⑯ Fire Hose Cabinet (FHC-1) location if Alternate is accepted. Securely supported from architectural member, see Architectural Drawings for Detail.
- ⑰ 2 1/2" wet standpipe (compressed air actuated) location under Base Bid.
- ⑱ 2 1/2" wet standpipe (compressed air actuated) location if Alternate is accepted.
- ⑲ 4" vent from below, support securely from light post and terminate 8'-0" above Level 6 slab.

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



NOTES (cont)

- 19 JUNCTION BOX FOR CONNECTION OF SIGN. (SIGN BY OTHERS). VERIFY LOCATION AND SIZE WITH SIGN CONTRACTOR PRIOR TO INSTALLATION.
- 20 CONDUIT AND WIRE TO SWITCH CABINET. SEE DETAIL ON SHEET E-8.
- 21 ROLL-UP DOOR MOTOR AND SWITCH CONTROL FURNISHED BY OTHERS. CONTRACTOR TO MAKE ALL CONNECTIONS TO MOTOR AND SWITCH CONTROL UNIT AS RECOMMENDED BY MANUFACTURER'S WIRING DIAGRAMS.
- 22 COUNTER AND CERTAX FURNISHED BY OTHERS. FINAL CONNECTIONS TO EQUIPMENT SHALL BE COORDINATED WITH MANUFACTURER PRIOR TO INSTALLATION.
- 23 PROVIDE AND INSTALL WEATHERPROOF DUPLEX OUTLET WITH LOCKABLE COVER MOUNTED UP 2'-6" ABOVE GRADE.
- 24 EXTEND A NEW 1" RIGID WRAPPED STEEL CONDUIT FROM NEW WATER CAN TO A POINT 9'-0" FROM BUILDING WALL, 42" BELOW GRADE AND CAP.
- 25 PROVIDE AND INSTALL AN ENGLISH ELECTRIC CO. 7 1/4"x6"x9 1/4" PVC JUNCTION BOX. MOUNT FLUSH WITH TOP OF CONCRETE. PROVIDE KNOCK-OUTS AS INDICATED OR REQUIRED FOR CONDUIT ENTRY. FOR TELEPHONE CONDUIT TERMINATION.
- 26 1 1/2" CONDUIT WITH PULLWIRE TO EXISTING TELEPHONE POLE LOCATED APPROXIMATELY AT MIDPOINT OF EXISTING ALLEY. STUB CONDUIT UP 4" AND CAP BY MOUNTAIN BELL.
- 27 1/4" GREEN GROUND TO MAIN COLD WATER ENTRANCE PIPE.
- 28 PROVIDE AND INSTALL A 2'x4"x3/4" PLYWOOD TELEPHONE BOARD. MOUNT TOP AT 6'-0".

- 29 NEW 6"x6"x4" J-BOX ON WALL ADJACENT TO SPRINKLER CONTROLLER BY ELECTRICAL. PROVIDE AND INSTALL A 1 1/2" CONDUIT. STUB OUT AT 6" ABOVE GRADE AND CAP FOR SPRINKLER CONTROL WIRING ENTRY.
- 30 JUNCTION BOX FOR CONNECTION TO HEAT TAPE. TAPE AND THERMOSTAT PROVIDED AND INSTALLED BY MECHANICAL. CONNECTIONS MADE BY ELECTRICAL. MOUNT J-BOX AS REQUIRED BY MECHANICAL CONTRACTOR.
- 31 EXTEND CONDUIT AND WIRING, AS REQUIRED, TO HOT STAMP P.F. ASSEMBLY AND CONNECT TO MAIN FLOW SWITCH TO PROVIDE 1/4" SIGNAL WHEN WATER FLOWS.
- 32 SWITCH, PORCELAIN RECEPTACLE AND DUPLEX RECEPTACLE SHALL BE MOUNTED 6" BELOW FLOOR LEVEL IN ELEVATOR PIT.
- 33 2-1" CONDUITS 2" BELOW TOP OF FLOOR SLAB. PROVIDE A BRASS NAIL AT END OF CONDUITS. 3" LONG WITH TOP FLUSH WITH FLOOR.
- 34 1/4" CONDUIT TO SPRINKLER ALARM RING. COORDINATE LOCATION WITH MECHANICAL. CONNECT AS REQUIRED.

NOTES

- 1 3/4" LOOP ACCESS CONDUIT FLUSH WITH CURB FACE. STUB CONDUIT UP 2" ABOVE CONCRETE.
- 2 1/2" RIGID PVC CONDUIT. LEAVE SUFFICIENT LENGTH OF CABLE, AS DIRECTED BY GATE CONTRACTOR, AT EACH TERMINATION END. STUB CONDUIT UP 2" ABOVE CONCRETE AT GATES, AND TERMINATE IN 6"x8"x12" WIRING GUTTER IN OFFICE.
- 3 TWO 1" CONDUITS. ONE CONDUIT TO INCLUDE TWO BELDEN 1677 CABLES. THE SECOND CONDUIT TO INCLUDE 3-12 THW AND 6-14 THW. STUB CONDUIT UP 2" ABOVE CONCRETE.
- 4 6-14 THW-3/4" C. STUB CONDUIT UP 2" AT GATE AND TERMINATE IN 4"x6"x2 1/8" DEEP FLUSH J-BOX IN OFFICE.
- 5 10-14 THW-3/4" C. STUB CONDUIT UP 2" AT GATE AND TERMINATE IN FLUSH J-BOX IN OFFICE.
- 6 8-14 THW-3/4" C. STUB CONDUIT UP 2" AT GATE AND TERMINATE IN FLUSH J-BOX IN OFFICE.
- 7 TWO 1" CONDUITS. ONE CONDUIT TO INCLUDE TWO BELDEN 1677 CABLES. THE SECOND CONDUIT TO INCLUDE 3-12 THW AND 10-14 THW. STUB CONDUIT UP 2" ABOVE CONCRETE.
- 8 TO SWITCH CABINET PER NOTE 1.
- 9 SWITCH CABINET. SEE DETAIL ON SHEET E-8.
- 10 SEE SHEET E-8.

- 11 1/2" RIGID PVC CONDUIT. LEAVE SUFFICIENT LENGTH OF CABLE, AS DIRECTED BY GATE CONTRACTOR, AT EACH TERMINATION END. STUB CONDUIT UP 2" ABOVE CONCRETE AT GATES, AND TERMINATE IN 6"x8"x12" WIRING GUTTER IN OFFICE.
- 12 MOUNT THERMOSTAT UP 5'-6" FROM 1" RIGID INSULATION BLOCK.
- 13 PROVIDE AND INSTALL A COMBINATION 15A-3P CIRCUIT BREAKER AND SIZE 10" MOTOR STARTER. PROVIDE WITH M.O.A. SWITCH AND RED PILOT LIGHT IN COVER. PROVIDE THIRD OVERLOAD.
- 14 CONNECT WIRING AS REQUIRED BY MANUFACTURER'S RECOMMENDATIONS SO THAT AIR INTAKE FAN WILL RUN WHEN ENGINE-GENERATOR IS RUNNING.
- 15 NEW 56 25KVA ENGINE-GENERATOR. OMAN 45.0M-150.277V/1800V-3P-4W OUTPUT. CONTRACTOR TO FURNISH UNIT COMPLETE WITH SILENT-TYPE MUFFLER. MECHANICAL CONTRACTOR TO BE RESPONSIBLE FOR EXHAUST PIPING FROM MUFFLER TO POINT OF DISCHARGE.
- 16 60A-600V-3P-W-FUSIBLE. NEMA 1 SAFETY SWITCH. FUSE PER ELEVATOR MANUFACTURER'S RECOMMENDATIONS. EXTEND CONDUIT AND WIRE FROM SWITCH TO ELEVATOR CONTROLLER AND LEAVE SLACK CABLE FOR FINAL CONNECTION BY ELEVATOR CONTRACTOR. (FOR ELEVATOR POWER).
- 17 30A-250V-3P-W-FUSIBLE. NEMA 1 SAFETY SWITCH. FUSE PER ELEVATOR MANUFACTURER'S RECOMMENDATIONS. EXTEND CONDUIT AND WIRE FROM SWITCH TO ELEVATOR CONTROLLER AND LEAVE SLACK CABLE FOR FINAL CONNECTION BY ELEVATOR CONTRACTOR. (FOR ELEVATOR CONTROL).
- 18 PROVIDE AND INSTALL AN ENGLISH ELECTRIC CO. 11 7/8"x11 1/8"x10 1/2" PVC JUNCTION BOX MOUNT FLUSH WITH TOP OF CONCRETE ISLAND. PROVIDE KNOCK-OUTS AS INDICATED OR REQUIRED FOR CONDUIT ENTRY. PROVIDE CONCRETE AROUND ENTIRE BOX.

4/2/84 DOWIN

AS-BUILT - 10/9/85

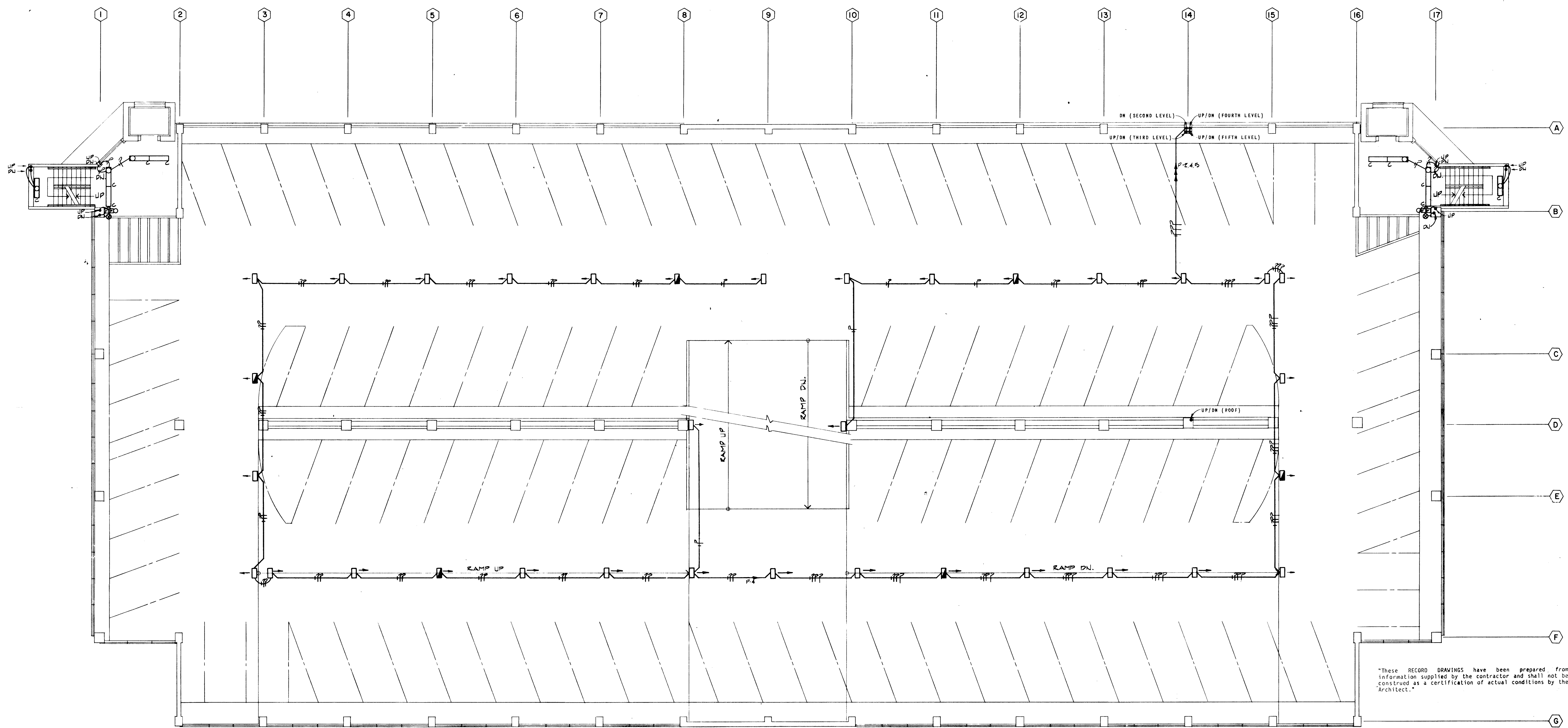
BY: [Signature]

COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

fmb
flatow moore bryan & associates
Electrical Engineers, Architects, Planners
1000 1st St. N.E. Albuquerque, N.M. 87102
(505) 243-1111

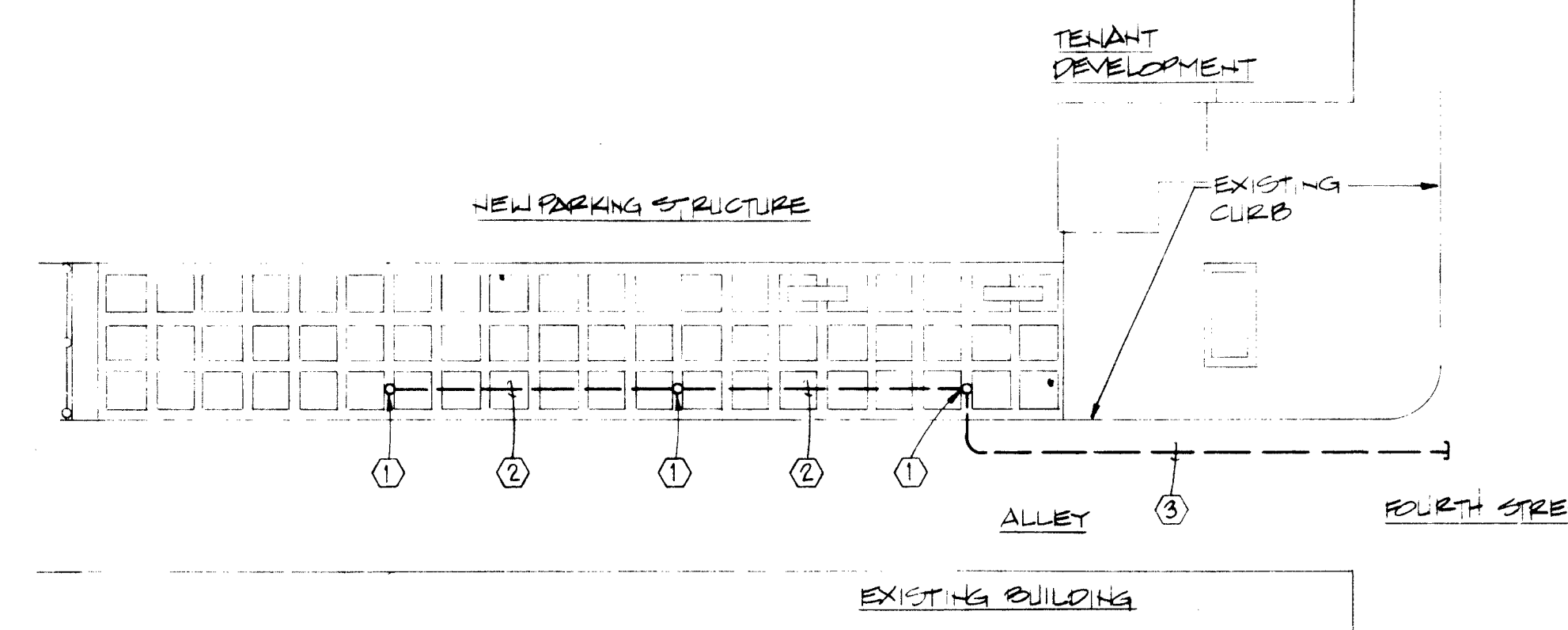
DATE: 10/9/81
LEVEL NO. 1A & 1B
ELECTRICAL



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NOTES

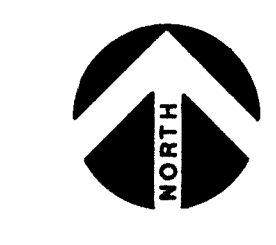
1. FIXTURE INSTALLED IS A GARCOO -REH-141V-15WPS-120V-BRA ON A -15A-10'-BRA POLE. SEE POLE BASE DETAIL ON SHEET C3. FIXTURE IS A DARK ANODIZED BRONZE FINISH ON A DARK ANODIZED BRONZE STRAIGHT ROUND ALUMINUM POLE.
2. 3"-10 IN 3/4" RGS WRAPPED CONDUIT 18" MINIMUM BELOW GRADE. SEE POLE BASE DETAIL ON SHEET C3 FOR CONDUIT TERMINATION.
3. 3"-10 IN 3/4" RGS WRAPPED CONDUIT 18" MINIMUM BELOW GRADE TO EDGE OF EXISTING CURB. CAP CONDUIT FOR CONNECTION TO WALL LIGHTING CIRCUIT.



PARTIAL SITE PLAN DETAIL
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. ALL FIXTURES NOT INDICATED SHALL BE TYPE "A". SEE MOUNTING DETAIL ON SHEET E8.



26 10465187

1/21/81 Dan J.W.

COPPER AVENUE PARKING STRUCTURE

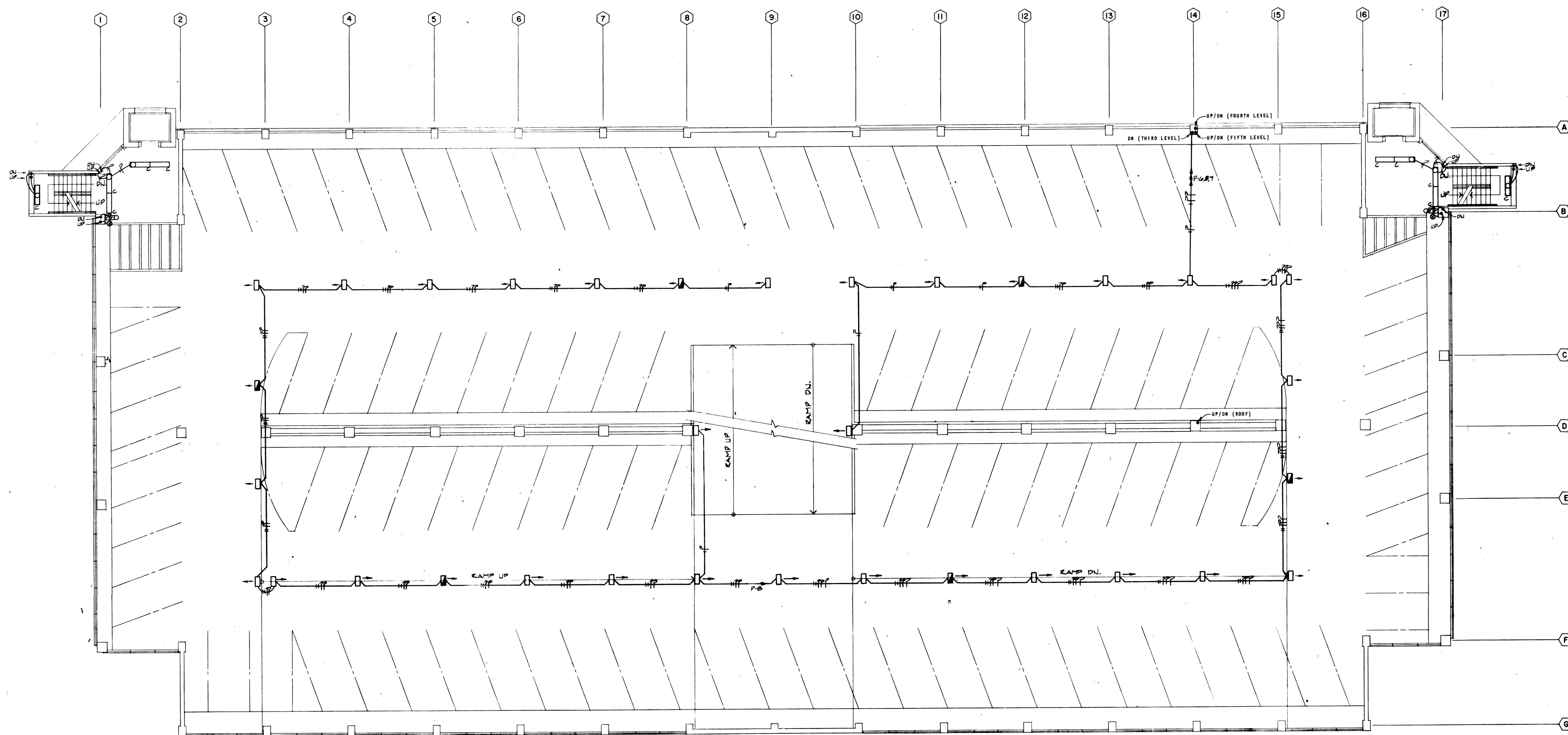
400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

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LEVEL NO. "2A" & "2B"
ELECTRICAL

REGISTERED PROFESSIONAL
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L. J. W. J.



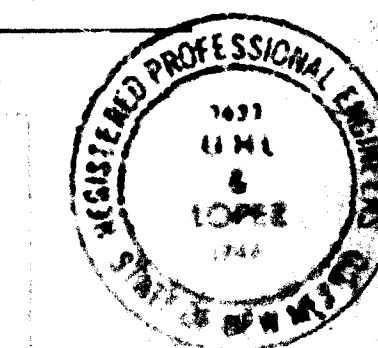
NOTES

GENERAL NOTES

1. ALL FIXTURES NOT INDICATED SHALL BE TYPE "A". SEE WORKING DETAIL ON SHEET E4.

RECORD DRAWING

4/24/04 DWG



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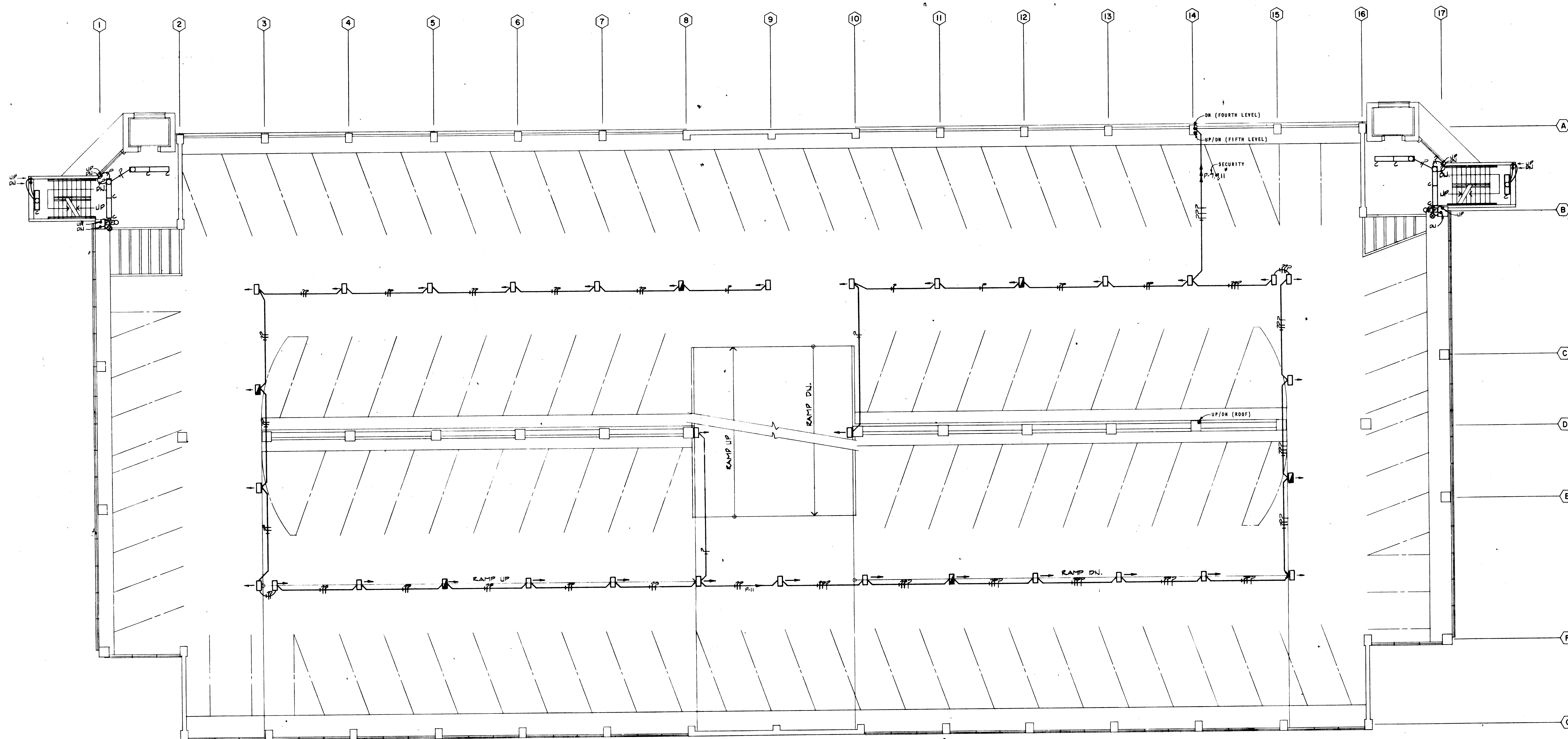
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COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

fab

LEVEL NO. 3A & 3B
E3



NOTES

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GENERAL NOTES

1. ALL FIXTURES NOT INDICATED SHALL BE TYPE "A".
SEE MOUNTING DETAIL ON SHEET 400-400-001

RECORD DRAWINGS

Flatten Moore-Blynn and Associates
Architects

1/24/94 D.M.

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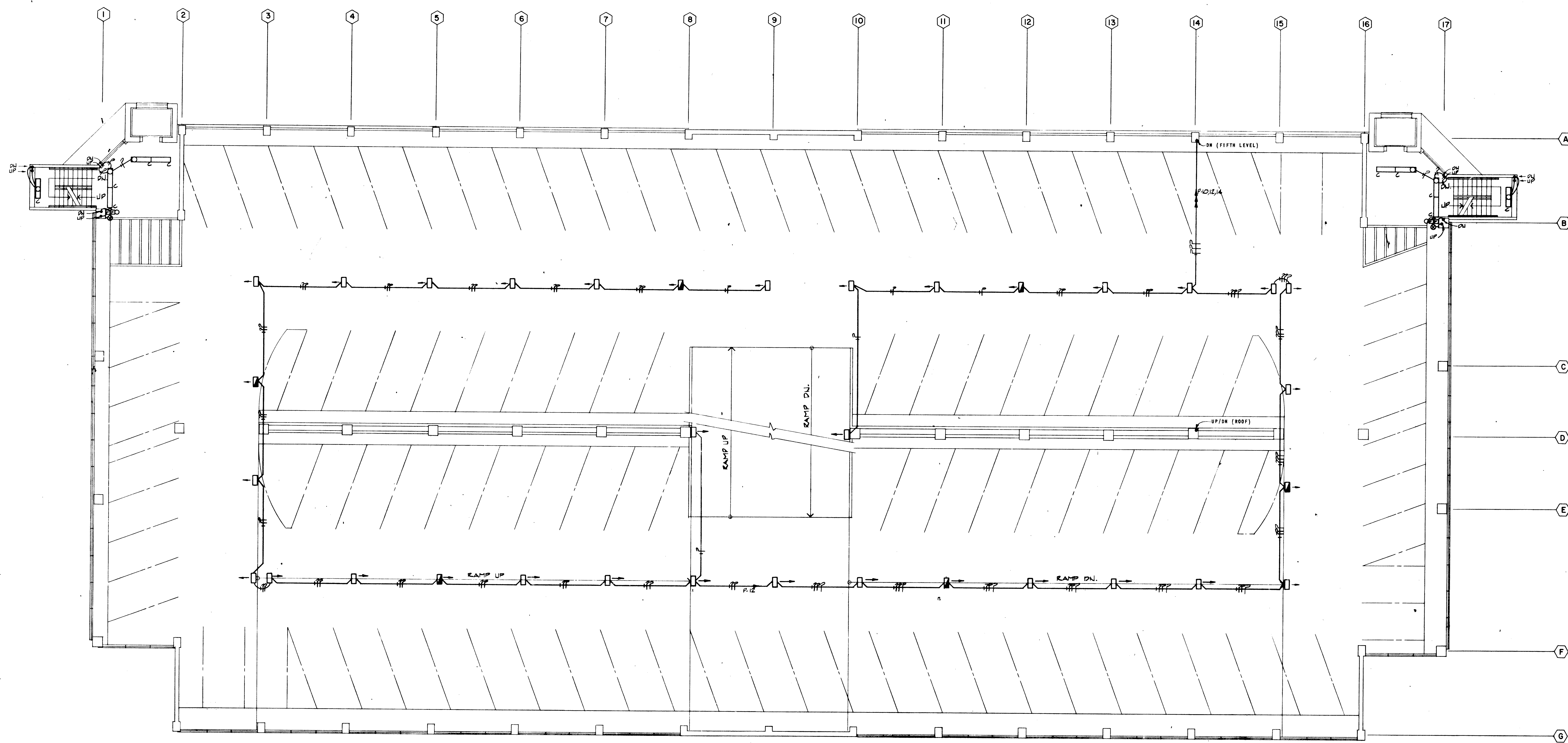
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COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

fmab

LEVEL NO. 4A & 4B
ELECTRICAL



NOTES

GENERAL NOTES

1. ALL FIXTURES NOT INDICATED SHALL BE TYPE "A". SEE MOUNTING DETAIL ON SHEET E0.



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11/21/84 D.M.

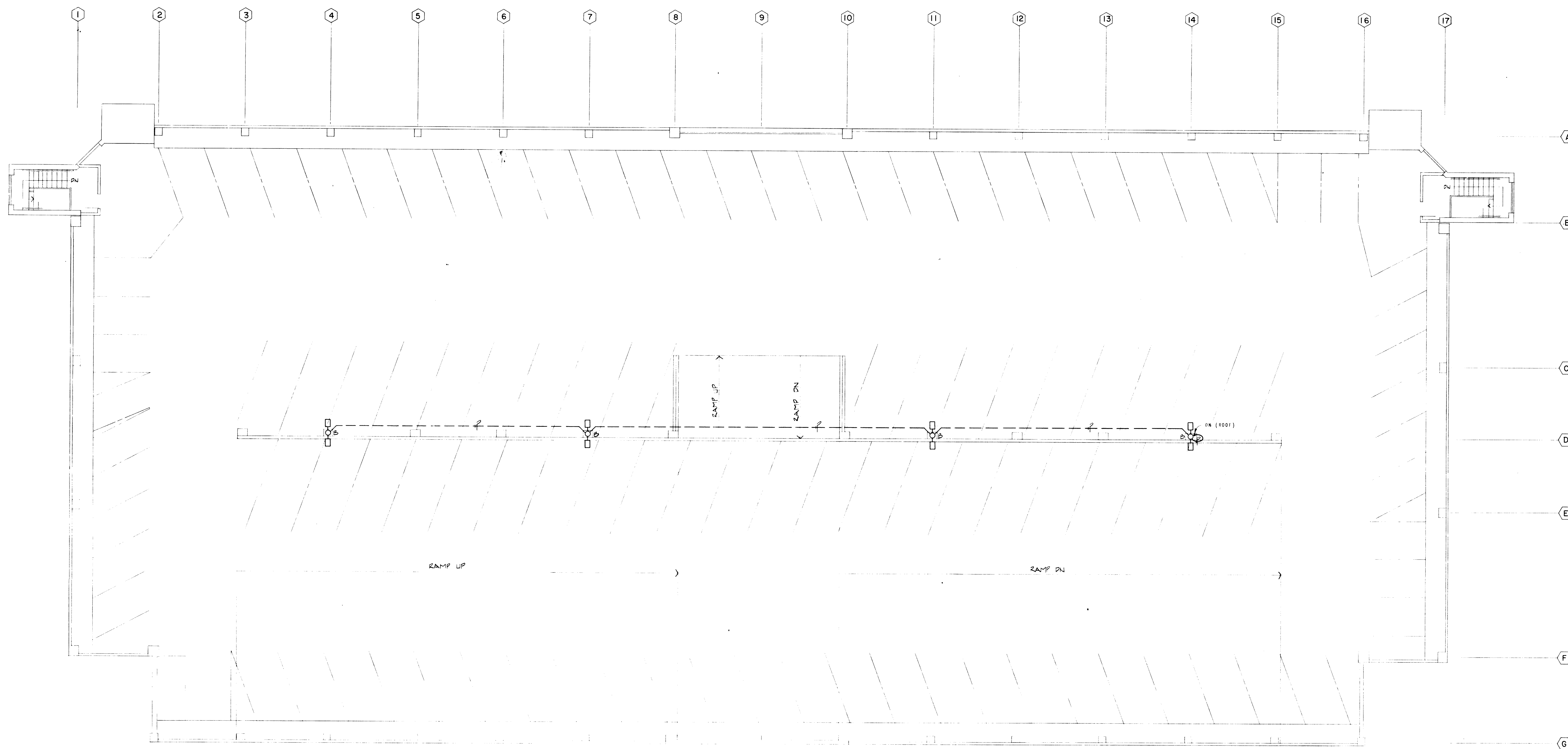
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400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

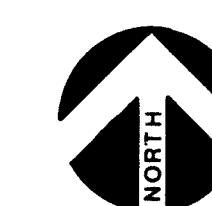
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LEVEL NO. "5A" 3" x 11"

ELECTRICAL



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11/21/84 Dm/ll

COPPER AVENUE PARKING STRUCTURE

400 COPPER AVENUE N.W.
ALBUQUERQUE, NEW MEXICO

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architects engineers interior designers
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DATE 10/9/81	TITLE ALTERNATE ROOF PLAN - ELECTRICAL
BY	CHECKED

1/8" = 1'-0" E7

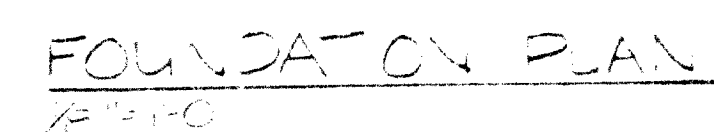
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Copper Ave. Parking Structure
Albuquerque, New Mexico

PROJECT
DATA

PROJECT 1046

APPROVAL OF AS BUILT DRAWINGS											
SHEET CONSTRUCTION OF											
DATE 1-2-87											
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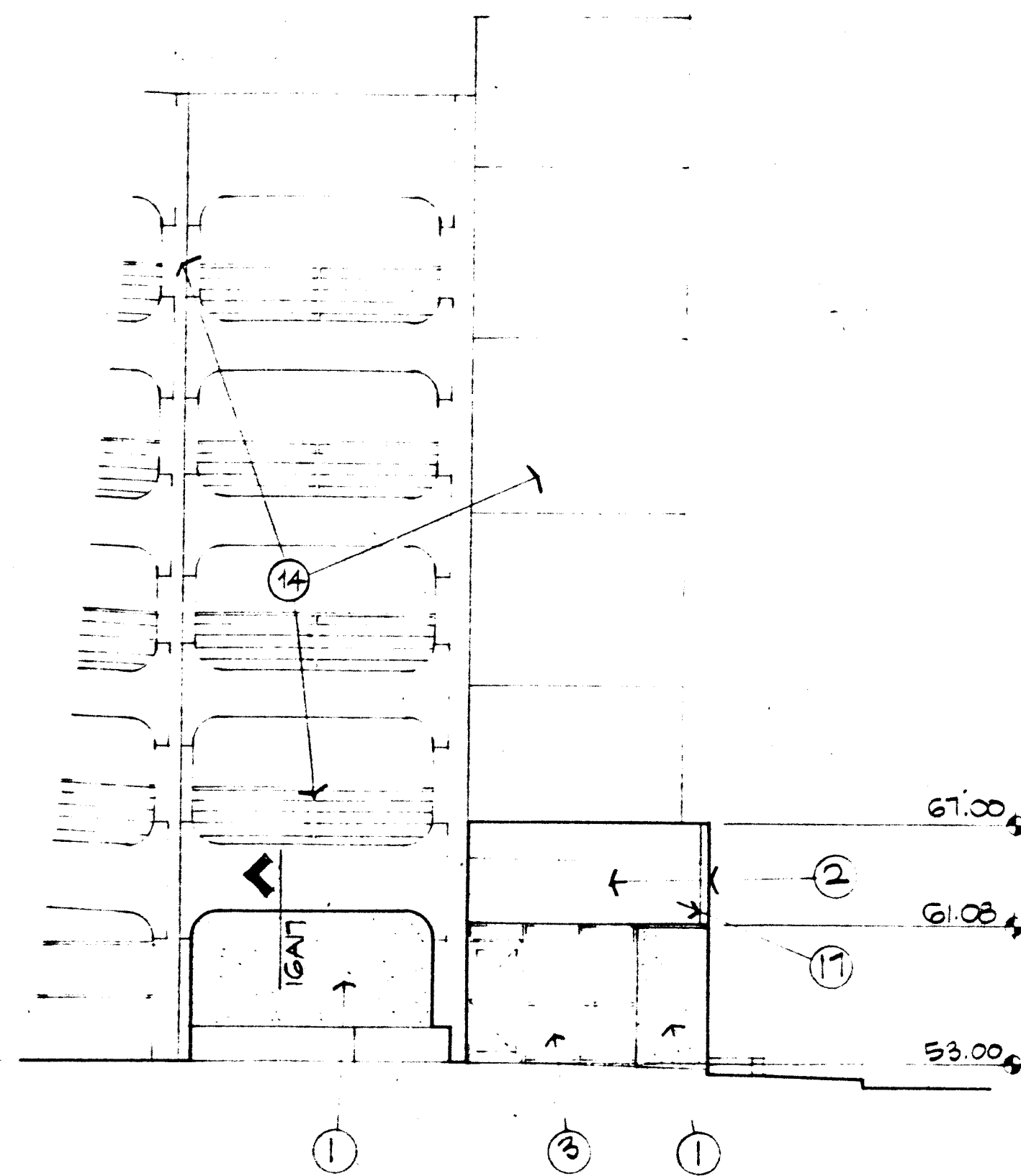
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RECORD DRAWINGS

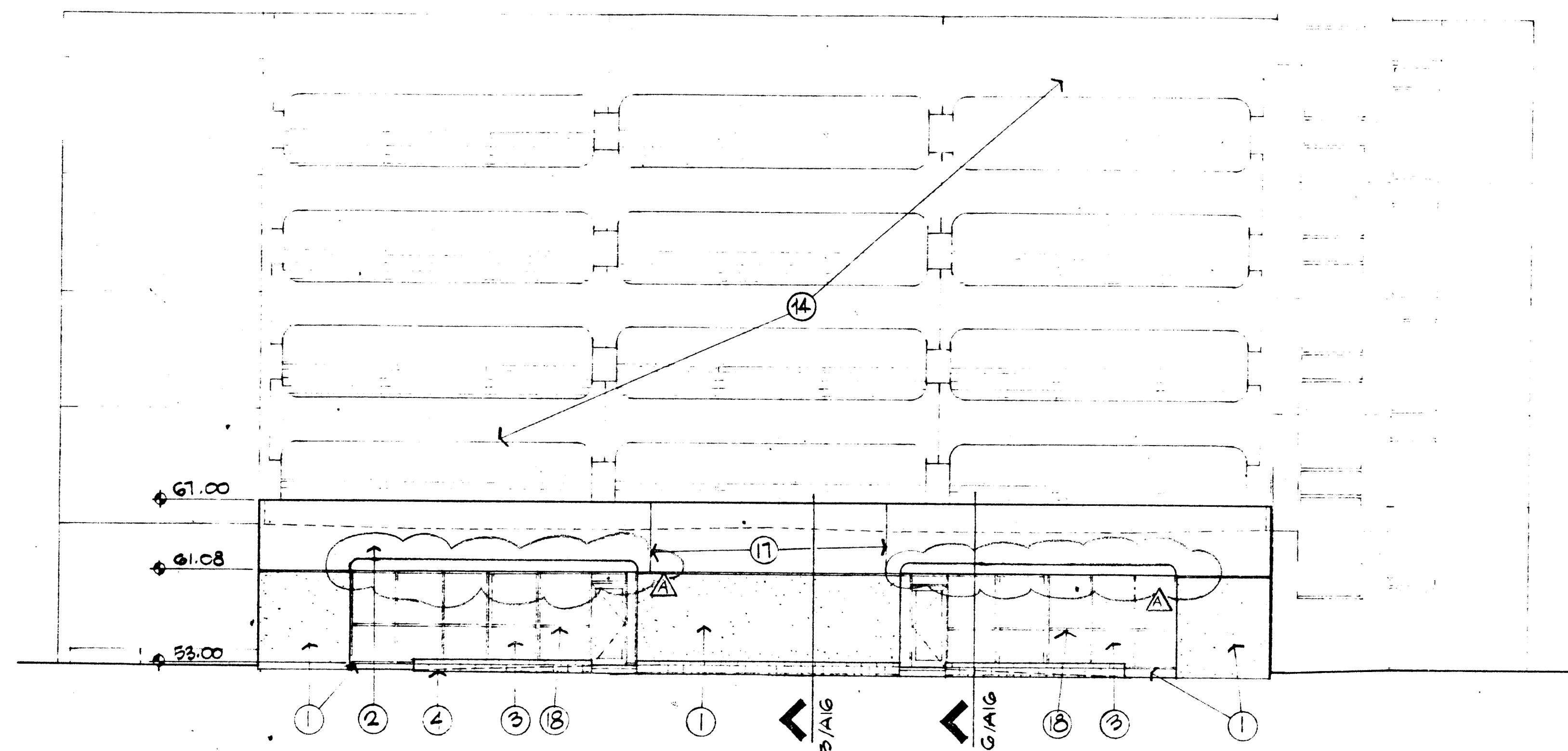
FMBC

Date 12-16-80 By JH/MS

COPPER AVENUE PARKING
STRUCTURE
TENANT DEVELOPMENT
400 COPPER AVENUE, NW
ALBUQUERQUE, NEW MEXICO

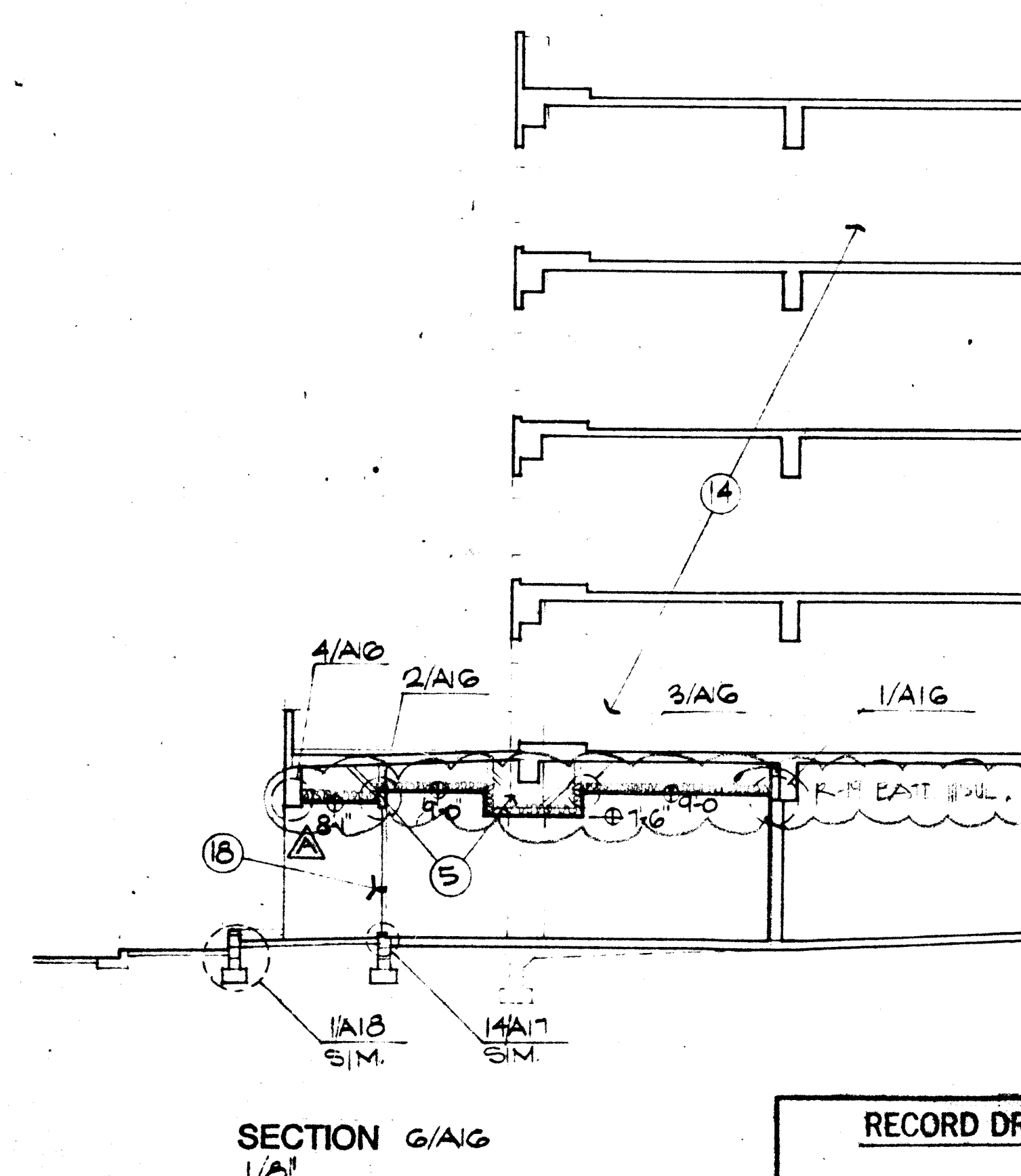
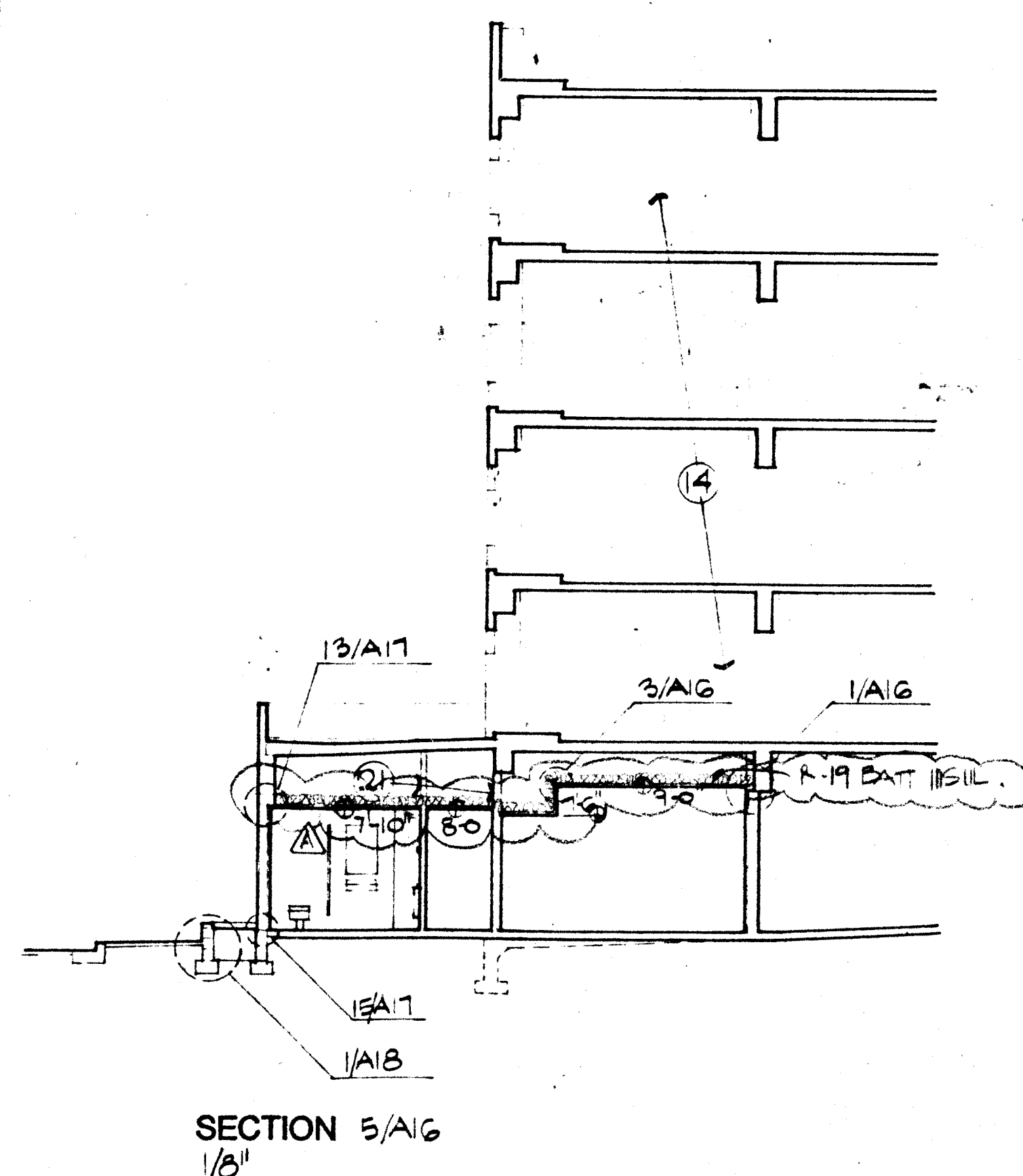
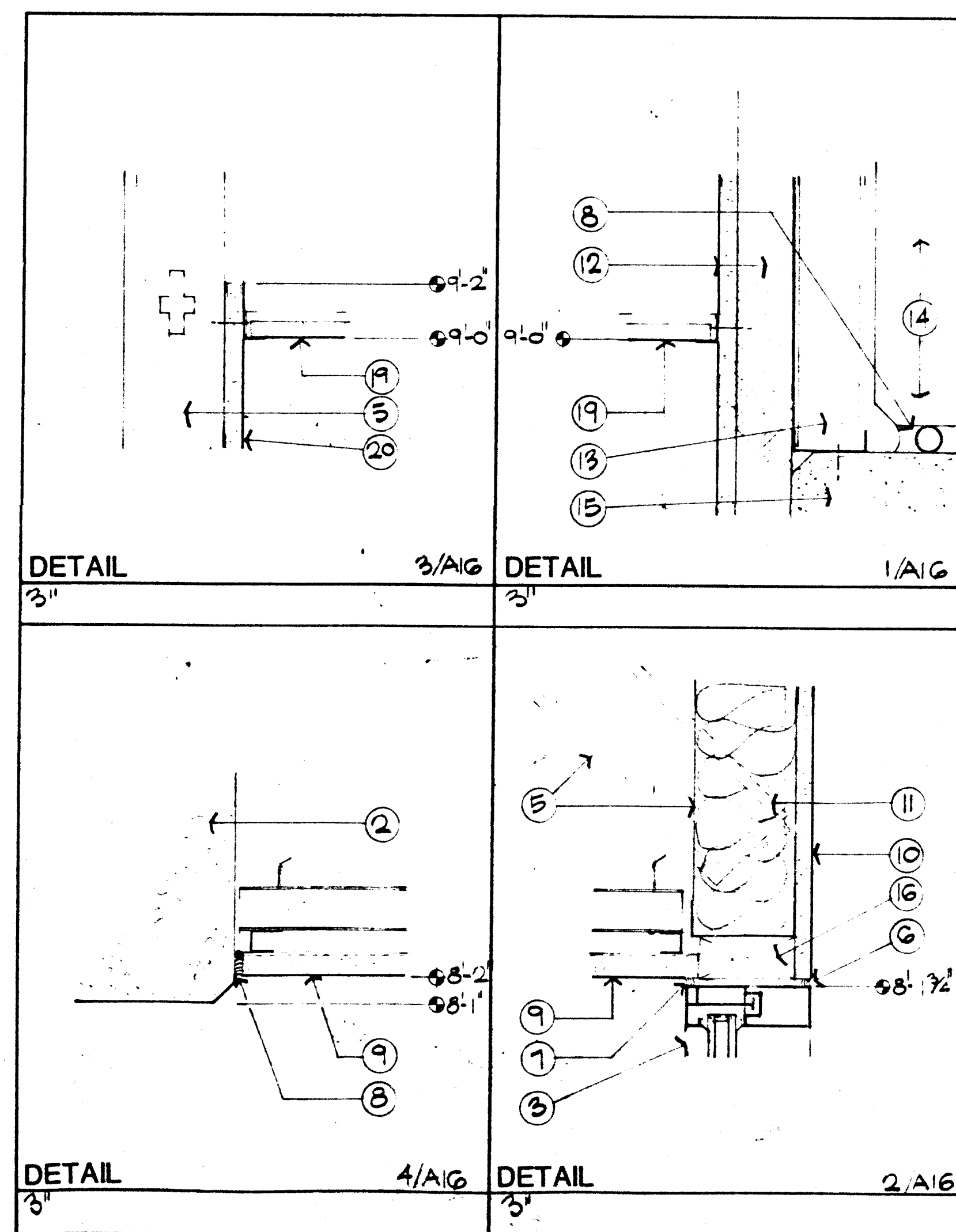


SOUTH
1/8"



EAST
1/8"

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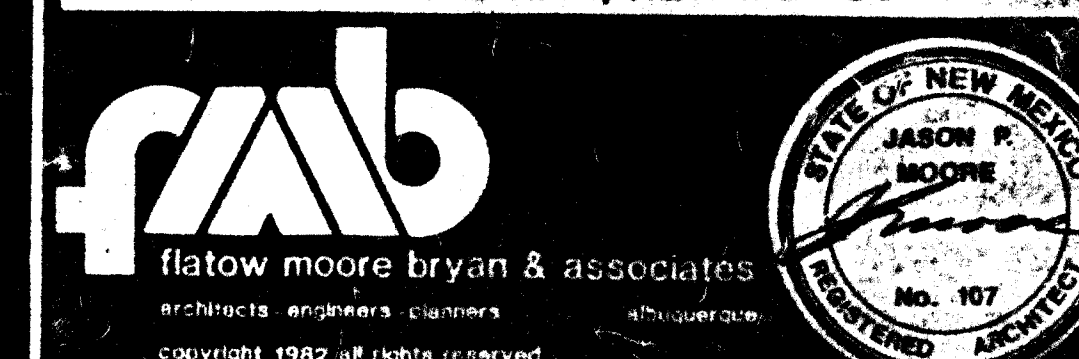
RECORD DRAWINGS
FMBSM: Flatow-Moore-Bryan-Shaffer-McCabe
Date: 12-16-86 By: *Chadman*

- NOTES: (A-16)
1. CEMENTITIOUS COATING OVER 6" (NOM.) CMU. TO MATCH EXISTING COLOR.
 2. EXPOSED AGGREGATE PRECAST PANEL TO MATCH EXISTING.
 3. ALUMINUM WINDWALL WITH 1" INSULATING GLASS.
 4. 6" (NOM.) SPLIT FACE CMU WITH 4" SOLID CAP BLOCK.
 5. 3 5/8" METAL STUD FRAMING @ 16" O.C. AND BRACES @ 4'-0" O.C.
 6. SEALANT AND CASING BEAD.
 7. 1/4" SEAM SPACE AND SEALANT.
 8. SEALANT WITH BACK-UP ROD.
 9. STUCCO, EXPANDED METAL LATH, 3/4" CHANNELS @ 16" O.C., 1 1/2" CHANNELS @ 4'-0" O.C. PROVIDE STUCCO CASING BEAD @ EXPOSED EDGES.
 10. 5/8" GYPSUM BOARD. EXTEND TO UNDERSIDE OF ROOF DECK AND SEAL EDGES @ CONCRETE.
 11. R-11 BATT INSULATION. EXTEND TO UNDERSIDE OF ROOF DECK AND WIRE INTO PLACE.
 12. 5/8" GYPSUM BOARD OVER 2" THERMOSTUD. EXTEND TO UNDERSIDE OF ROOF DECK. TAPE JOINTS ONLY ABOVE CEILING.
 13. 2 1/2" STUCCO @ 4'-0" O.C. W/STUCCO @ 12" O.C. HORIZONTALLY.
 14. EXISTING BUILDING STRUCTURE.
 15. C.I.P. CONCRETE WALL.
 16. 2 X 4 BRACING.
 17. 1/2" JOINT BETWEEN PRECAST PANELS. FILL WITH SEALANT.
 18. WINDWALL INTERMEDIATE MEMBER @ 3'-6" ABOVE FINISH FLOOR (TYPICAL).
 19. 1/4" LATH IN ACROSTIC CEILING. EXT. TYPICAL.
 20. 5/8" GYPSUM BOARD.
 21. EXTEND METAL STUDS AND GYPSUM BOARD TO UNDERSIDE OF ROOF DECK.

1 2 3 4 5 6 7 8 9 10 11 12
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12-16-86 REVISION

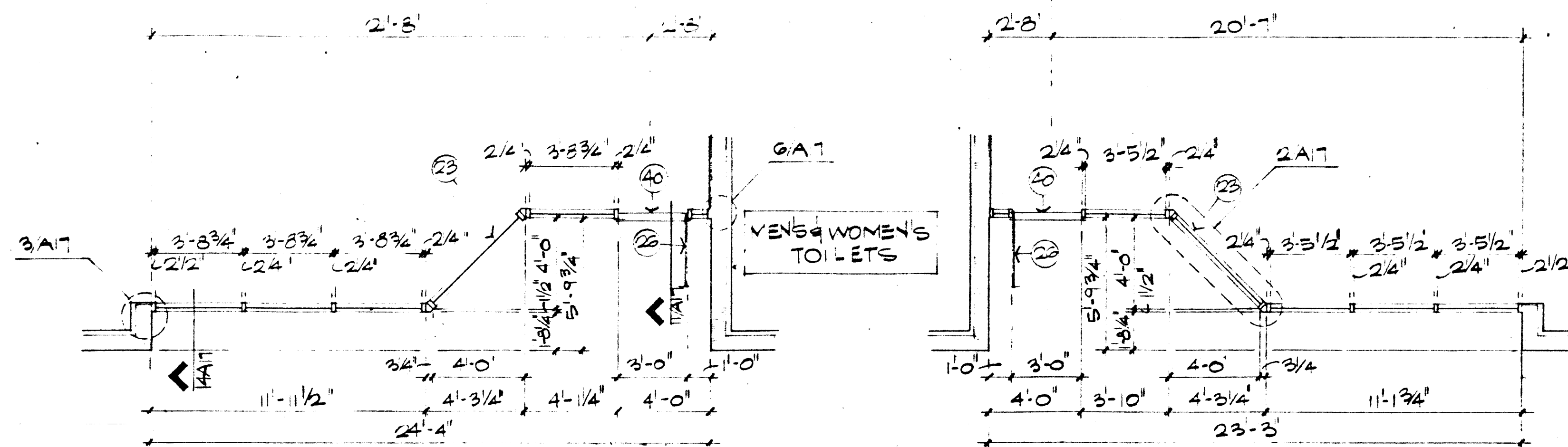
**COPPER AVENUE PARKING
STRUCTURE
TENANT DEVELOPMENT**
400 COPPER AVENUE, NW
ALBUQUERQUE, NEW MEXICO



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architects engineers planners
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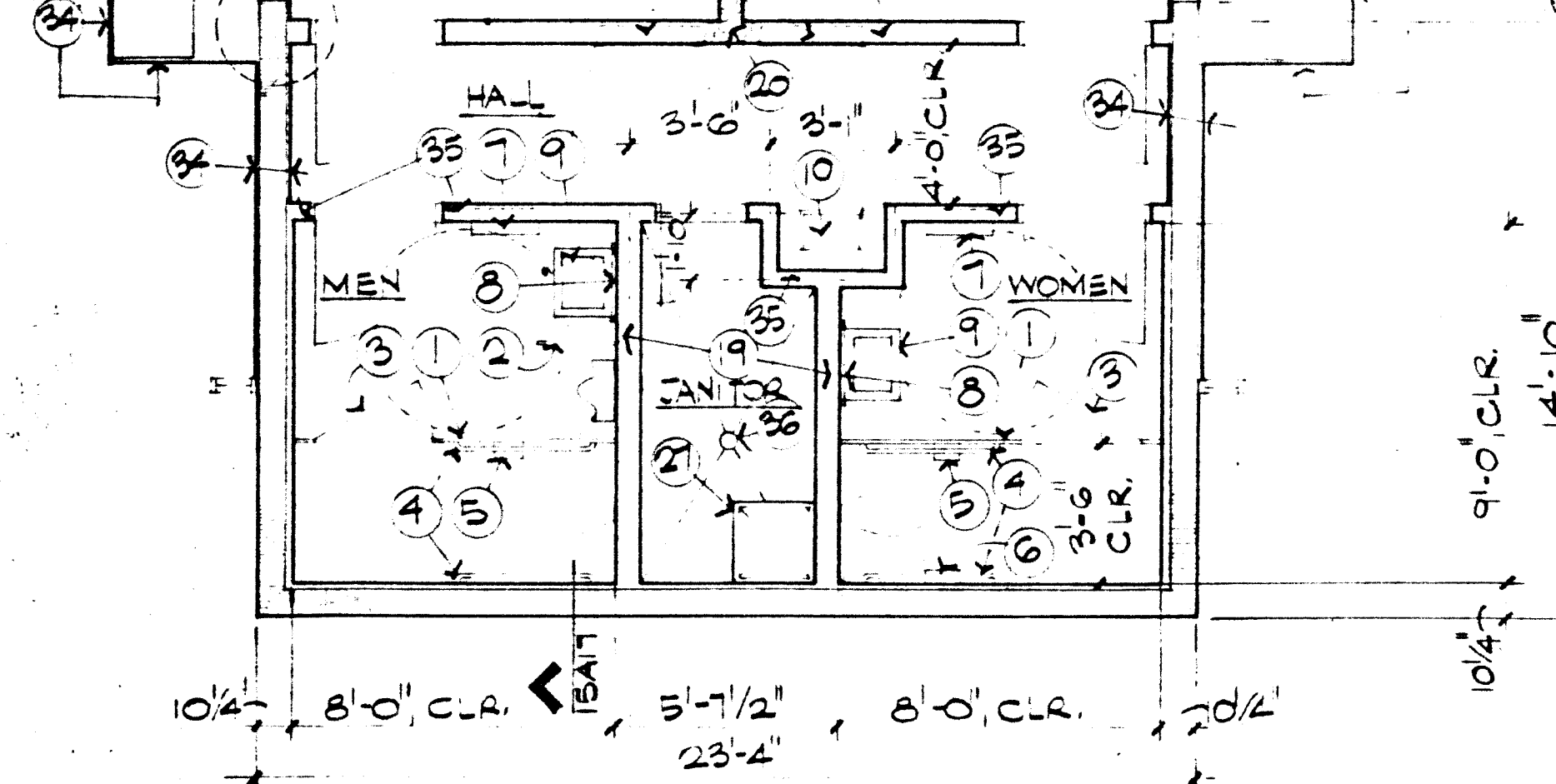
date 10/22/82
by DK
checked DW

SECTIONS & ELEVATIONS
A-16



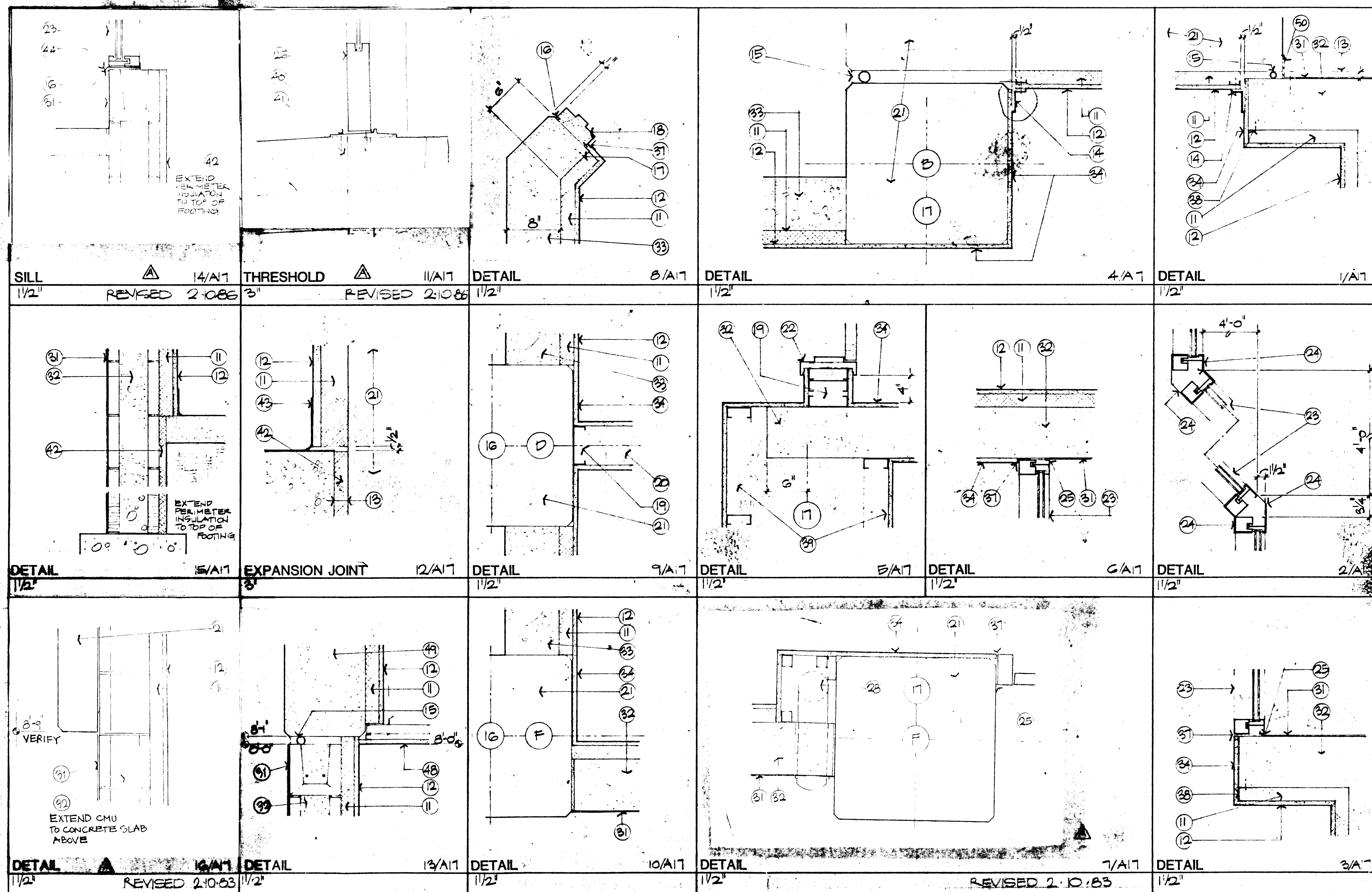
ENLARGED WINDOWALL PLAN

ENLARGED WINDOWALL PLAN



ENLARGED TOILET PLAN

- NOTES: (A-17)
1. METAL TOILET PARTITION.
 2. METAL CRINCH SINK.
 3. 12" O.C. DECK.
 4. DRAIN LAR. MOUNT CENTERLINE 12" O.C.
 5. TOILET PAPER DISPENSER. MOUNT TOP 24" O.C.
 6. FEMININE WASHING DISPENSER. MOUNT TOP 24" O.C.
 7. URINATION PAPER TOWEL DISPENSER/DISPOSAL. MOUNT PAPER TOWEL SECT. 4" O.C.
 8. 24" X 36" PAPER. MOUNT BOTTOM 3" O.C.
 9. LAVATORY WITH LAV. MOUNTED SOAP DISPENSER. MOUNT TOP OF APRON 6" O.C.
 10. ELECTRIC WATER COOLER. MOUNT TOP OF APRON 2" O.C.
 11. 2" THERMISTOR. EXTEND THERMISTOR TO UNDERSIDE OF CONCRETE ROOF DECK.
 12. 5/8" GYPSUM BOARD. EXTEND GYPSUM BOARD TO UNDERSIDE OF CONCRETE ROOF DECK. TAPE JOINTS ONLY ACCORDING TO SPEC.
 13. 1" EXPANSION JOINT.
 14. ALUMINUM EXPANSION JOINT COVER. SECURE TO THERMISTOR CHANNEL.
 15. SEALANT WITH BACK-UP ROD.
 16. SEALANT.
 17. CONTINUOUS 25 GAUGE SHEET METAL ANGLE AROUND DOOR OPENING. SECURE TO CONCRETE.
 18. SECURE W.M. FRAME WITH FLUSH, FLAT HEAD ANCHORS (3 PER JAMB). GROUT FRAME FULL.
 19. 6" STUDS @ 16" O.C. 1/2" GYPSUM BOARD ON BOTH SIDES. EXTEND TO ROOF DECK.
 20. SOUND ATTENUATION BATTIS. EXTEND TO ROOF DECK.
 21. EXISTING BUILDING STRUCTURE.
 22. H.M. FRAME WITH DRYKALL PARTITION TYPE ANCHORS (3 PER JAMB).
 23. ALUMINUM WINDOWALL WITH 1" INSULATING GLASS UNITS (EXTERIOR AND INTERIOR PANES TO BE 1/4" TEMPERED GLASS).
 24. ONE PIECE 0.032" ALUMINUM TRIM TO MATCH WINDOWALL. SECURE WITH FLUSH SCREWS @ 12" O.C. (SCREWS TO MATCH WINDOWALL).
 25. 1/4" SHIM SPACE (MIN.) FILL WITH SEALANT.
 26. ALUMINUM DOOR. GLAZING TO BE SAME AS WINDOWALL.
 27. MUP SINK.
 28. ROOF DRAIN LEADER THRU WALL.
 29. OVERFLOW DRAIN LEADER THRU WALL.
 30. ELECTRICAL PANELS (FULLY RECESSED).
 31. CEMENTITIOUS COATING.
 32. 8" (NOM.) CMU.
 33. 6" C.I.P. CONCRETE WALL.
 34. ADHESIVELY APPLIED 5/8" GYPSUM BOARD.
 35. 3 5/8" STUDS @ 16" O.C. 1/2" GYPSUM BOARD ON BOTH SIDES. EXTEND TO ROOF DECK.
 36. SET FLOOR DRAIN 1/2" BELOW FINISH FLOOR. SLOPE SLAB TO DRAIN.
 37. SEALANT AND CASING BEAD.
 38. CONTINUOUS 25 GAUGE SHEET METAL ANGLE. SECURE TO CMU.
 39. 3 5/8" OR 1 5/8" STUD FURRING (AS SHOWN) WITH 5/8" GYPSUM BOARD.
 40. ALUMINUM THRESHOLD WITH MITERED RETURNS AT DOOR JAMBES. SET THRESHOLD IN SEALANT AND SECURE TO CONCRETE WITH FLUSH SCREWS AND EXPANSION SHIELDS.
 41. 1/2" IMPREGNATED JOINT MATERIAL.
 42. 1" PERIMETER INSULATION.
 43. 4" VINYL BASE.
 44. ALUMINUM FLASHING BY WINDOWALL MFG. SET IN SEALANT.
 45. VINYL ASBESTOS TILE.
 46. 1 5/8" STUDS @ 4'-0" O.C. WITH STUDS @ 12" O.C. HORIZONTALLY.
 47. ACOUSTICAL LAY-IN CEILING.
 48. 5/8" GYPSUM BOARD, 3/4" CHANNELS @ 16" O.C., 1 1/2" CHANNELS @ 4'-0" O.C.
 49. EXPOSED AGGREGATE PRECAST CONCRETE PANEL.
 50. 1 1/2" X 3" X 1/8" CONTINUOUS BENT PLATE JOINT COVER. SECURE COVER IN BED OF SEALANT W/ FLUSH HEAD ANCHORS @ 12" O.C.



RECORD DRAWINGS

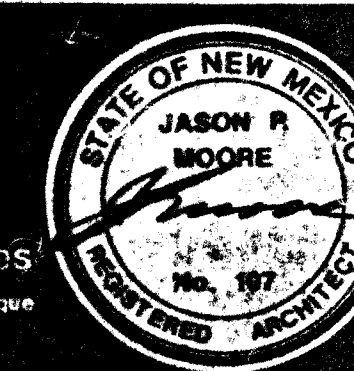
FMBSM Flatow • Moore • Bryan • Shaffer • McCabe

Date: 12/16/82

REVISIONS 12/16/82

COPPER AVENUE PARKING
STRUCTURE
TENANT DEVELOPMENT
400 COPPER AVENUE, NW
ALBUQUERQUE, NEW MEXICO

flatow moore bryan & associates
architects engineers planners



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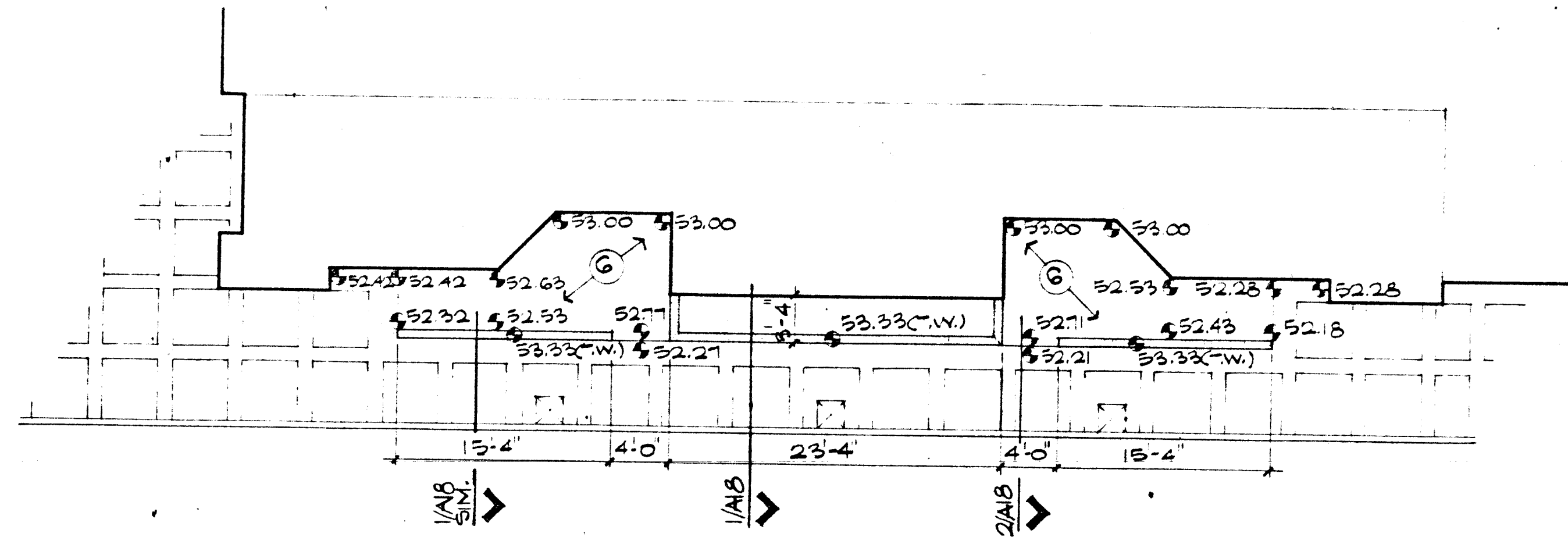
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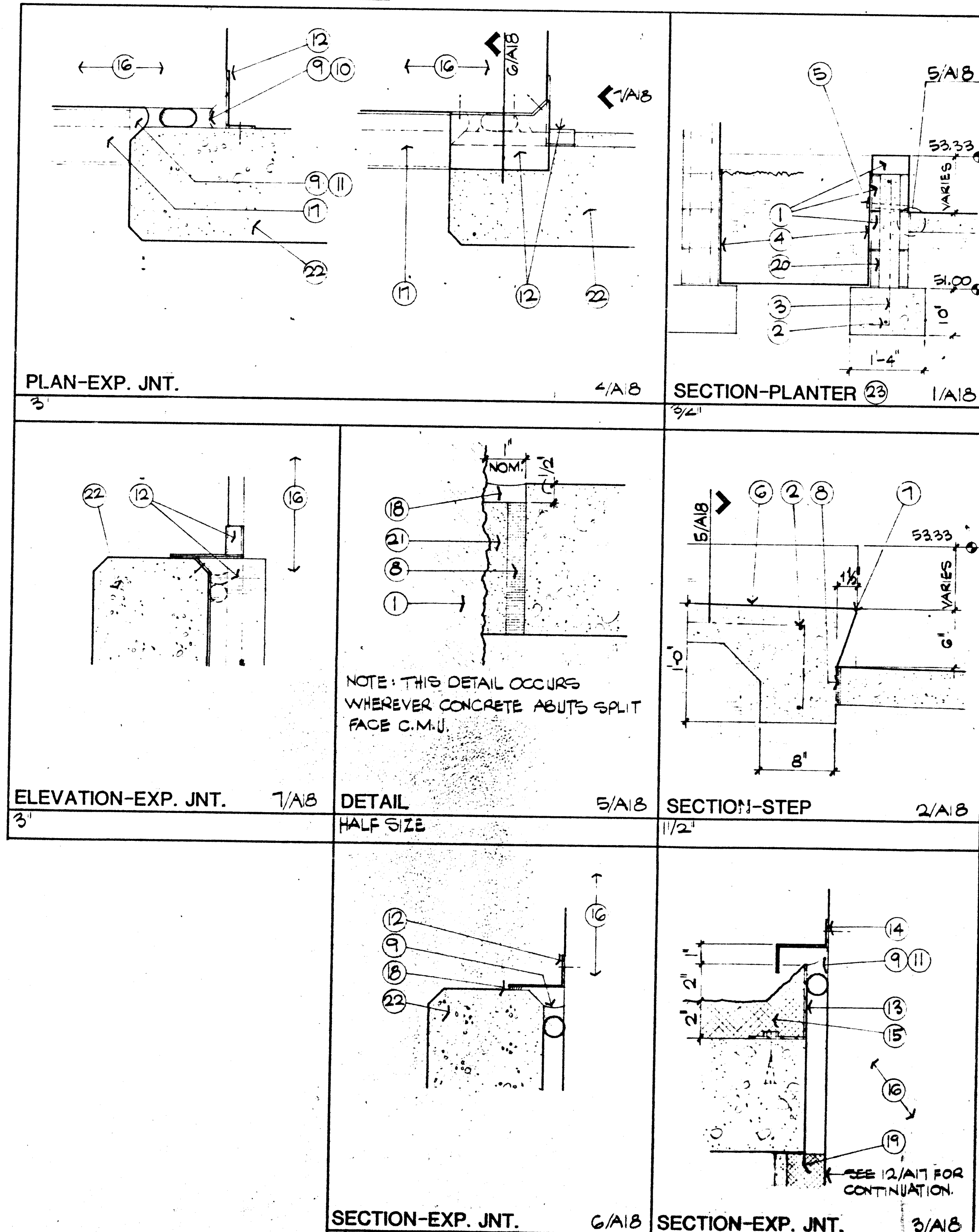
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DETAILS

A-1



REVISED PAVING PLAN 1/8' (SEE C-3 FOR CONTINUATION)



- NOTES (A-18):
- 6" (NOM.) SPLIT FACE CMU WITH 4" (NOM.) SOLID CORE BLOCK. GROUT ALL CELLS FULL.
 - CONTINUOUS #4 TOP AND BOTTOM.
 - #4 @ 2'-8" O.C.
 - ELASTIC SHEET WATERPROOFING.
 - 1" Ø P.V.C. WEEP HOLES @ 4'-0" O.C. GROUT INTO PLACE.
 - 4" CONCRETE SLAB ON GRADE W/6" X 6" W2.0 X W2.0 W.W.F. IN CENTER OF SLAB.
 - 1/2" TUGGED EDGE.
 - 1/2" IMPREGNATED JOINT MATERIAL.
 - CONTINUOUS SEALANT WITH BACK-UP ROD (SLOPE SEALANT WHERE SHOWN).
 - FOR VERTICAL CONTINUATION OF SEALANT SEE 1/A/17.
 - CONTINUE SEALANT HORIZONTALLY IN EXPANSION JOINT THROUGH EXISTING 2" JOINT AND CONNECT W/VERTICAL SEALANT JOINT (SEE 4/A/17).
 - 1 1/2" X 3" X 1/8" CONTINUOUS BENT PLATE JOINT COVER. SECURE COVER IN BED OF SEALANT W/FLUSH HEAD ANCHORS @ 12" O.C.
 - 3" X 4" X 1/8" CONTINUOUS BENT PLATE JOINT COVER. SECURE TO CONCRETE DECK @ 24" O.C.
 - 1 1/2" X 3" X 1/8" CONTINUOUS BENT PLATE JOINT COVER. SECURE TO EXISTING WALL IN BED OF SEALANT @ 12" O.C.
 - Ballooned elastomeric sheet roofing.
 - EXISTING EXISTING STRUCTURES.
 - JOINT COVER BELOW.
 - SEALANT.
 - 5/8" GYPSUM BOARD OVER 2" THERMOSTUD.
 - 8" (NOM.) STANDARD CMU (ONE COURSE).
 - GROUT.
 - EXPOSED AGGREGATE PRECAST CONCRETE PANEL.
 - SURFACES OF SPLIT FACE CMU TO BE SHOWN WHEN EXPOSED TO VIEW. OTHERWISE SMOOTH SURFACES SHALL BE SHOWN. THIS APPLIES TO PLANTER AND LOW WALLS ILLUSTRATED BY THIS DETAIL.

RECORD DRAWINGS
 FMBSM Flatow • Moore • Bryan • Shaffer • McCabe
 Date: 12.16.88

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COPPER AVENUE PARKING
 STRUCTURE
 TENANT DEVELOPMENT
 400 COPPER AVENUE, NW
 ALBUQUERQUE, NEW MEXICO

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 flatow moore bryan & associates
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STATE OF NEW MEXICO
 JASON R. MOORE
 No. 107
 REGISTERED ARCHITECT



1. 24" x 24" .
2. Air conditioning unit on roof. See Detail 23.040.
3. 13" x 24" supply air duct thru roof from HVAC unit on roof.
4. 13" x 20" return air duct thru roof.
5. Return air duct, elbow, full size of drop, with 17" A.C. and vertical 2" rigid insulating board 4'-0" long in center of duct. Break to be rigid and secure.
6. Exhaust fan mounted securely in gelling space. Extend 10" x 24" exhaust duct up thru roof. Terminate with quarter-K and bird-screener, 12" above roof. Flash and counterflash thru roof to assure a weathertight seal at roof penetration.
7. Thermostat mounted securely to wall, 5'-6" above finished floor.
8. Rise in duct allowing duct to remain unobstructed in gelling space.

- Circulate the flow of air with ceiling grilles, diffusers and slot diffusers with the right features and the basic wiring, panel grill.
 - All thermostats shall be mounted on 5'6" above finished floor, unless otherwise noted. Branch, supply, ventilated locking ducts with guards at all thermostats. Right thermostats shall be labeled accordingly.
 - All fire dampers shall be installed in a R.I. approved manner and shall be R.I. listed.
 - All mechanical equipment shall meet the minimum requirements of the Chapter 53 Energy Code of the City Building Code (current edition).
 - All rectangular duct sizes shall be outside dimensions. Install 1" Acoustical Liner in all of Circular ducts. Round ducts shall be externally insulated, unless otherwise noted.
- | | |
|---|---|
| <ul style="list-style-type: none"> • (R.D. = Manual Isolating Damper. • (R.D. = Access floor. | <ul style="list-style-type: none"> • (A.L. = Acoustic Liner. • (F.D. = Fire Damper. |
|---|---|
- The Contractor shall provide for an additional 4'-0" of flexible duct at each diffuser branch duct to allow for the possible misalignment of diffusers during occupancy.
 - All 90deg. elbows shall be provided with double thick turning vanes.
 - Insulate ducts, manifolds to diffusers shall be pre-insulated and shall not exceed 2" in total length.
 - Install Manual "split-in" type fire ratings and dampers for branch ramps to each diffuser. Branch ramps shall be same size at neck size of diffusers.

Technical drawing of a single-zone A-C roof stage. The drawing includes a cross-section and a side elevation. The cross-section shows a stage with a sloped roof, a single-zone A-C roof stage, and a single-zone A-C roof stage. The side elevation shows a stage with a sloped roof, a single-zone A-C roof stage, and a single-zone A-C roof stage. The drawing includes labels for various components and dimensions.

Labels and dimensions in the drawing:

- Single-Zone A-C roof stage weight = 1100 lbs.
- 3" rigid insulation on top, bottom and sides
- 34"
- 1/2" Architectural Drawings for Roof Structure
- Roof, See Architectural Drawings
- Brick to the rigid and insulation
- Return air slot plate for stage
- Free Access to stage from below
- Stage, built with angle iron
- 1/2"

LASON 1-505

Not to scale (Typ. units ① & ②)

SYMBOL	DESCRIPTION																								
① and ②	AIR CONDITIONING UNITS: Complete package weatherproof unit for rooftop installation, with factory roof mounting curb. AIA approved natural gas fired heating section, certified for operation at 5300 feet elevation. Units shall have all safety controls, high limit, fire stops, electronic defrost, etc. for complete package heating system. Zoning sections shall include R-22 refrigeration system with all starters, relays, transformers, low ambient compressor cut-out, crankcase heaters, and shall be designed to operate at ambient temperatures up to 110-deg.f. Capabilities listed below are based on ARI standards at 95-deg.f ambient, 40-deg.f dba, 67-deg.f dba. Supply fan shall be internally isolated with direct drive motors. Fan compartments shall have 1" (min.) acoustic insulation. Filters will be 2" thick in permanent frames, and may be washable or renewable media. Furnish complete package "Economy" controls with 1" (min.) dampers, motors, etc., for all units. Manufacturer's representative shall supervise installation and start-up, and submit a typed report for each unit indicating performance and certifying proper operation. Each unit shall have a separate time clock (7 day, skip a day, with Spring reverse) and thermostat. Furnish 5-year compressor warranty for all units. Furnish thermostat with fan "ON-AUTO" and "HEAT-OFF-COOL-AUTO" subbase. Furnish all thermostats with guards (steel incombustible ventilated type). Model Numbers listed are LEADA, 2000-500-day. Units shall be delivered to I.W. standards. Units shall be equipped with AIA approved combustion air blower suitable for unit installation within 6" of a high wall. Weight of units shall be 1100 lbs. <table> <thead> <tr> <th>SYMBOL</th><th>MODEL</th><th>SUPPLY FAN CFM @ .50"</th><th>SP FAN 1/2"</th><th>HTG.BTH S.I. INPUT</th><th>TOTAL CLG.(BTU/H)</th><th>COMP. F.A.</th><th>COND. F.A.</th></tr> </thead> <tbody> <tr> <td>①</td><td>GC59-413-90</td><td>1425 @ .50"</td><td>1/2</td><td>90,000</td><td>34,000</td><td>10.8</td><td>1.9</td></tr> <tr> <td>②</td><td>GC59-413-90</td><td>1425 @ .50"</td><td>1/2</td><td>90,000</td><td>34,000</td><td>10.8</td><td>1.9</td></tr> </tbody> </table>	SYMBOL	MODEL	SUPPLY FAN CFM @ .50"	SP FAN 1/2"	HTG.BTH S.I. INPUT	TOTAL CLG.(BTU/H)	COMP. F.A.	COND. F.A.	①	GC59-413-90	1425 @ .50"	1/2	90,000	34,000	10.8	1.9	②	GC59-413-90	1425 @ .50"	1/2	90,000	34,000	10.8	1.9
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②	GC59-413-90	1425 @ .50"	1/2	90,000	34,000	10.8	1.9																		
③ and ④	CEILING EXHAUST FANS: Steel cabinet with acoustical lining, centrifugal fan wheel, complete with inlet grille, discharge collar, anti-backdraft damper, resilient motor mounting, AMCA rated. Nos. are GREENHECK, 115v-1hp. <table> <thead> <tr> <th>SYMBOL</th><th>MODEL</th><th>CFM @ .50"</th><th>HP</th><th>LOCATION</th></tr> </thead> <tbody> <tr> <td>③ & ④</td><td>SP-25</td><td>167 @ .250"</td><td>1/40</td><td>Restrooms</td></tr> </tbody> </table>	SYMBOL	MODEL	CFM @ .50"	HP	LOCATION	③ & ④	SP-25	167 @ .250"	1/40	Restrooms														
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③ & ④	SP-25	167 @ .250"	1/40	Restrooms																					
GRILLE & REGISTER SCHEDULE																									
⑤	DIFFUSER: ANEMOSTAT Model LEPLA for minimal 24" x 24" ceiling panel for ceiling system, adjustable tabs. Install balance damper in branch run-out. "Spin-in" type fitting, enamel off-white finish, steel construction.																								
⑥	RETURN GRILLE: KRUEGER EGE-5, 1/2" spacing, aluminum construction, eggcrate pattern, frame for lay-in ceiling. Install sightproof metal constructed of 1" black rigid acoustic liner on fiberglass board above each grille.																								

(11) DIFFUSER: ANEMOSTAT MODEL EPLA for nominal 24" x 24" ceiling panel tee bar ceiling system, adjustable tabs. Install balance damper in branch run-out, "Spin-in" type fitting, enamel off-white finish, steel construction.

(12) RETURN GRILLE: KUEGER EGG-5, 12" spacing, aluminum construction, egg-rote pattern, frame for lay-in ceiling. Install egg-shaped hood constructed of 1" black rigid p.v.c. liner on fiberglass board above each grille.

FMBC: [illegible] • Bryn • Shaffer
McCabe
Date: 12/16/86 By: [signature]

80-131
FINAL Mch
10-27-82

"These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the Architect."

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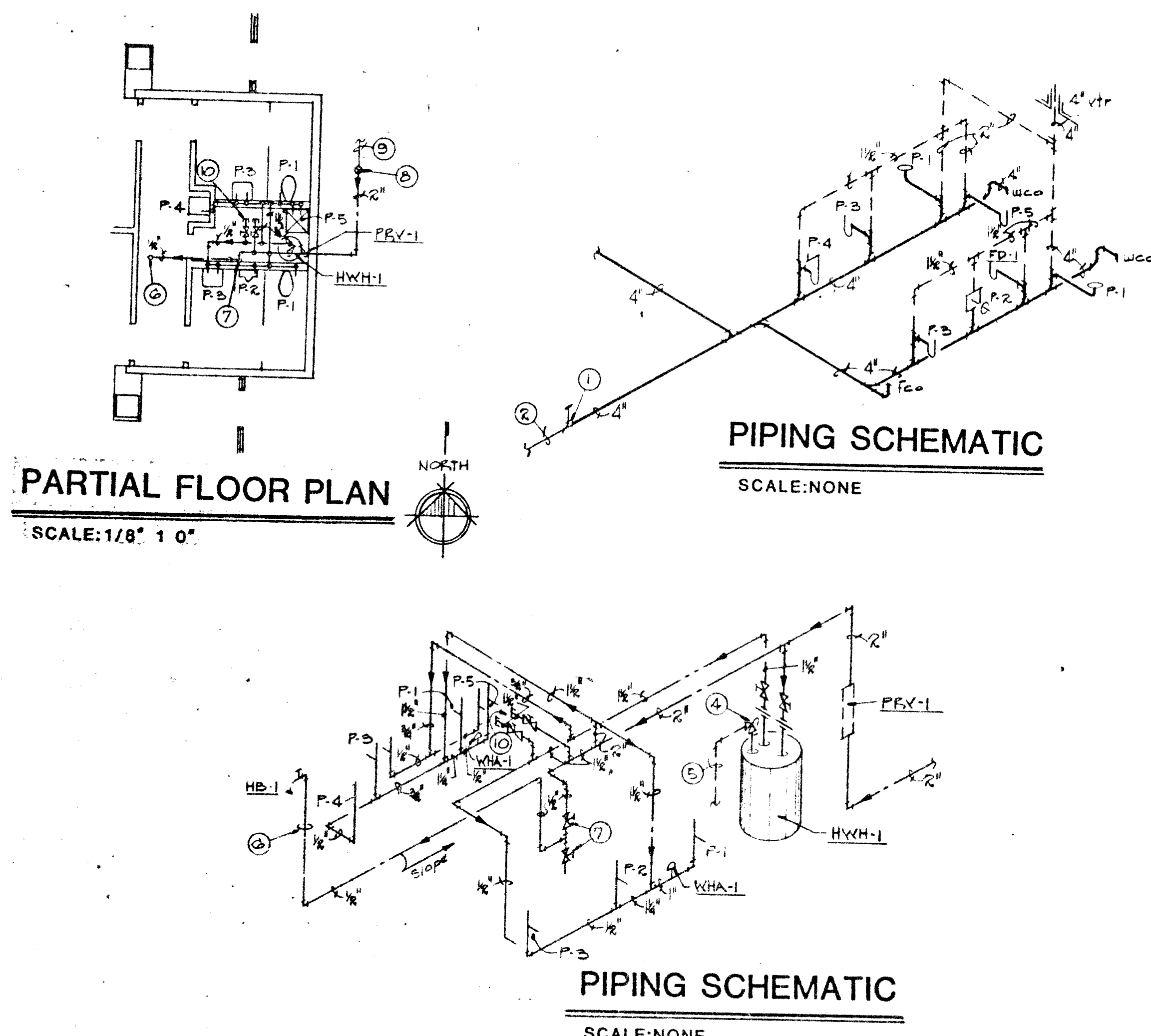
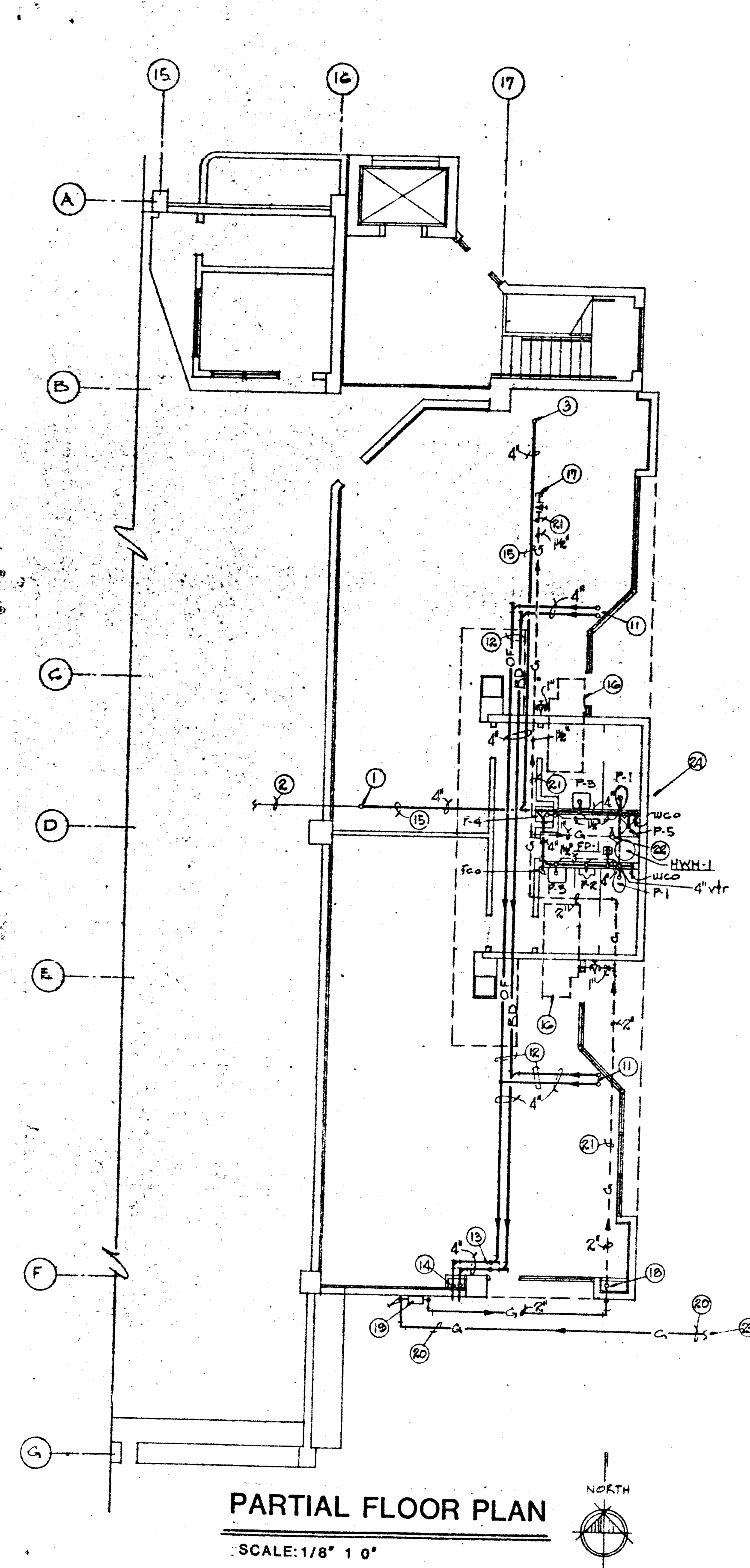
**COPPER AVENUE PARKING
STRUCTURE
TENANT DEVELOPMENT**
400 COPPER AVENUE, NW
ALBUQUERQUE, NEW MEXICO



fmb
flatow moore bryan & associates

date 10/22/82	file	MECHANICAL FLOOR PLAN EQUIPMENT SCHEDULE & DETAILS
by AEI	checked RPF	

M-2



- KEYED NOTES:**
1. Connect new 4" soil line to existing 4" soil line at existing cleanout.
 2. Existing 4" soil line.
 3. New cleanout.
 4. Temperature and pressure relief valve.
 5. Relief drain full size of relief valve opening to floor drain.
 6. 1/2" cw thru roof slab, thru pitch pan.
 7. Shut-off and drain valve.
 8. Connect new 2" water line to existing 2" water line valved and capped at this location. Verify exact location in field.
 9. Existing 2" water line, verify exact location in field.
 10. Valve and cap 1/2" cw and 1/2" hw for future connection.
 11. 4" overflow and 4" roof drain leader from roof drain (RD-1) located on roof. Terminate overflow pipe 2" above flood level of roof drain.
 12. Hold piping high as possible in ceiling space.
 13. Drop piping below beam.
 14. Drop 4" roof drain leader and 4" overflow piping down in shaft. Turn out 1/2" above finished grade of planter with cleanout nipples (DN-1).
 15. Piping located below floor slab.
 16. Outline of air conditioning unit located on roof, see Mechanical Drawings.
 17. Valve and cap 1/2" gas line for future connection.
 18. 2" gas line up to roof, thru pitch pan.
 19. Gas meter and pressure regulator sized for 575 cfm. This Contractor shall be responsible for all necessary arrangements and costs involved. Gasist pressure shall be 7" w.c. inlet pressure to be determined in field.
 20. New gas line sized to supply 575 cfm, size and installation by Gas Co. of N.M. This Contractor shall be responsible for all necessary arrangements and costs involved.
 21. Piping located on roof, see Specifications for detail.
 22. 1" gas from roof, thru pitch pan.
 23. Extend new gas line approximately 30 ft. to existing 6" low pressure gas line located in 4th Street. Verify exact location of existing line in field. This Contractor shall be responsible for all arrangements and all costs involved.
 24. For water piping in this area, see Partial Floor Plan at upper right.

**LASON 1-505-344-9404
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PLUMBING FIXTURE SCHEDULE	
SYMBOL	DESCRIPTION
P-1	WATER CLOSET (HANDICAPPED): KOHLER "Highlift" Model No. K-426H-ET, siphon jet action, elongated oval vitreous china, floor mounted, 1-1/2" top spud, SLOAN "Royal" 110-FV, or DELANY 407-KVB flush valve, two bolt caps, white open-front seat, Model No. K-42670-C, 4" waste, 2" vent and 1" cw.
P-2	URINAL: KOHLER "Bardin" Model No. K-4980-1, vitreous china, washout type, 3/4" top spud, w/21-l-hangers, with SLOAN "Royal" 186 or DELANY "Flushboy" 451 VB flush valve and TURN, WADE or JOSAM adjustable carrier, 2" waste, 1-1/2" vent and 1" cw.
P-3	LAVATORY (HANDICAPPED): KOHLER "Greenwich" Model No. K-2036, cupped arms, vitreous china, 20" x 16", front overflow, soap depression, faucet holes 4" centers and 11" apart for soap dispenser at right, supply and drain fitting CHICAGO FAUCET Model No. 797-335 with 0.5 gpm flow restricting aerator Model No. E-2805 limiting hot water delivery to maximum of 0.5 gpm and 0.25 gallons, chrome plated supply pipes & angle stops, Model No. K-7606, 1-1/4" x 1-1/2" chrome plated in-trap Model No. K-1000 with exsuction, Carrier by TURN, WADE or JOSAM. Provide 1" rigid insulation on p-trap and hw supply, 1-1/2" waste, 1-1/2" vent, 1/2" cw and 1/2" hw.
P-4	ELECTRIC WATER COOLER (HANDICAPPED): HAWES Model No. MC-20-S, self-contained, wall mounted, stainless steel top and cabinet, lever action bubbler valve, capacity 7.5 gpm of 50-deg.F drinking water based upon 30-deg.F inlet water and 90-deg.F ambient, 3/8" supply with wheel handle stop and 1-1/4" x 1-1/2" chrome plated p-trap, 1-1/2" waste, 1-1/2" vent and 1/2" cw.
P-5	SERVICE SINK: FIAT Model No. MSB-2424, molded stone, 24" x 24" x 10" deep, cast in drain with dome strainer and inlet basket, drain body sized for 3" I.P.S. trap, faucet Model No. 830-AA, chrome plated, with vacuum breaker and integral stops, adjustable wall brace, pull hook and 3/4" hose thread on spout, 3" waste, 2" vent, 1/2" cw and 1/2" hw.

MISC. EQUIPMENT SCHEDULE	
SYMBOL	DESCRIPTION
HW-1	WATER HEATER: A.O. SMITH Model No. 81-100, natural gas fired, 95 MBH input at sea level, unitized for 5000 ft. elevation, AGA rated, 100 gallon storage capacity, glass-line, recovery rate of 42 GPH at 70-deg.F rise at sea level, 100 safety pilot, draft diverter, extruded magnesium anode rods, set to deliver 110-deg.F, with high-limit cut-off.
FCO	FLOOR CLEANOUT: (Inside building for applicable finish). Concrete, ceramic tile or quarry tile - SMITH No. 4023-U-G. Vinyl asbestos tile - SMITH 4163-U-G, recessed for tile. Carpet - SMITH No. 4023-U-G-1 with carpet marker, nickel bronze top.
CO	CLEANOUT: (Outside or unfinished area) SMITH No. 4223, last iron top, vandalproof screws, galvanized.
WCO	WALL CLEANOUT: Locate where shown or required by code. SMITH No. 4472 extra heavy bronze plug with stainless steel wall cover, vandalproof screws.
HB-1	HOSE BIBB: CHICAGO FAUCET Model No. 99B with built-in vacuum breaker.
FD-1	FLOOR DRAIN: SMITH 2010-B, cast iron body and flashing collar, nickel-bronze strainer head w/ secured square-hole grate, size of outlet as noted on drawings with p-trap below floor slab and vent as shown on drawings.
WHA-1	WATER HAMMER ARRESTOR: SMITH Fig. 5010, 1" size "hydrotrol", stainless steel construction.
TH-1	THERMOMETER: WEISS "Vari-Angle", 9" case, 3-1/2" element separable socket with immersion well, 30-deg.F to 300-deg.F scale range for heated water.
PG-1	PRESSURE GAUGE: THERICE 600 series, 4-1/2" dial, with snubber and gauge cock (HOKE No. 300), 0 to 100 psi scale range.
RD-1	ROOF DRAIN: SMITH Model No. 1010 CER with underdeck clamp, extension and sump receiver, cast iron body with gummied flashing collar and gravel stop with fortifier done. Size as indicated on drawings.
PRV-1	PRESSURE REDUCING VALVE: SPENCE Model D-38, 2" size, inlet pressure to be determined in field, outlet pressure 65 psi maximum, cast iron body, HYCAR diaphragm, HYCAR composition disc, tempered steel spring and bronze trim.
DN-1	DOWNSPOUT NOZZLE: WADE W-3940 Series, line size, cast brass, threaded inlet, wall flange.

RECORD DRAWINGS
FMBS
Date 12-16-82 By [Signature]

80-101
F. W. L. W. C. H.
10-27-82

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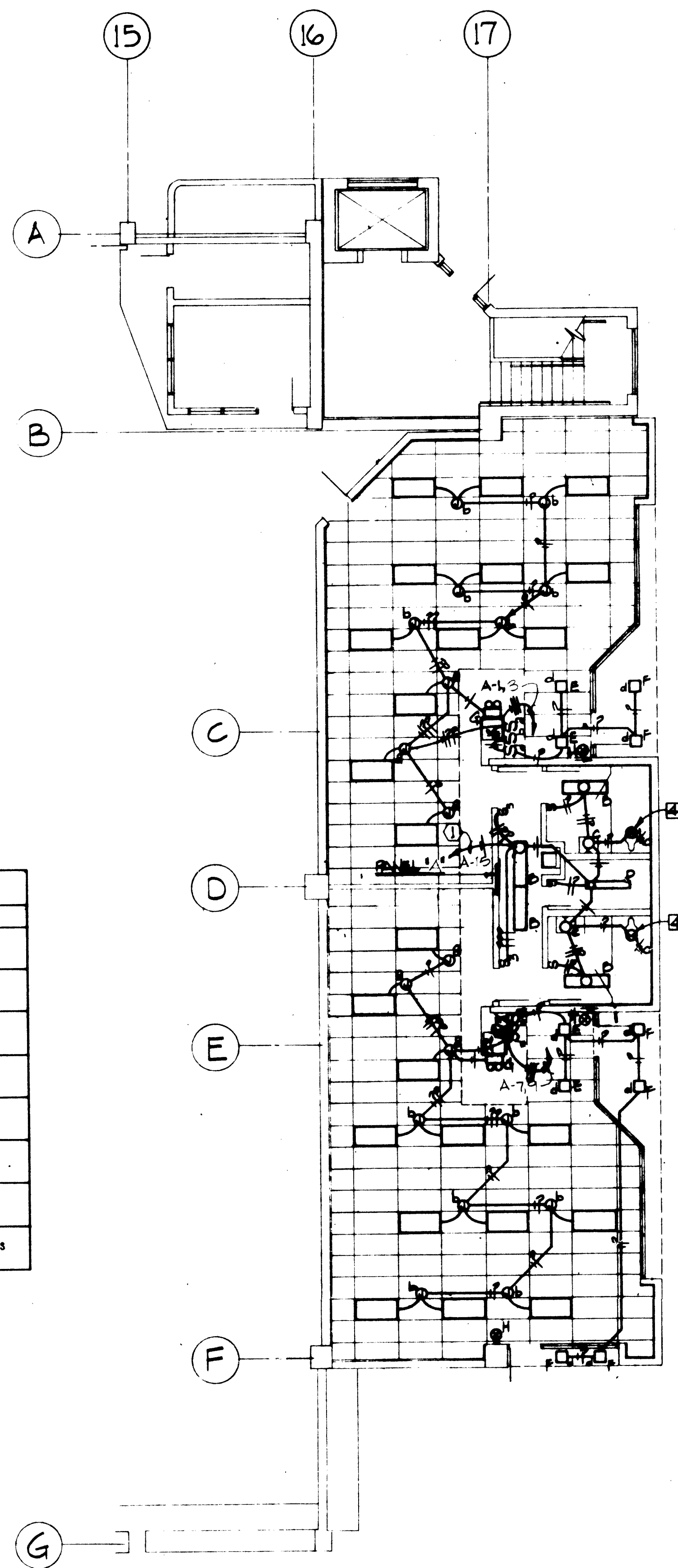
**COPPER AVENUE PARKING
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400 COPPER AVENUE, NW
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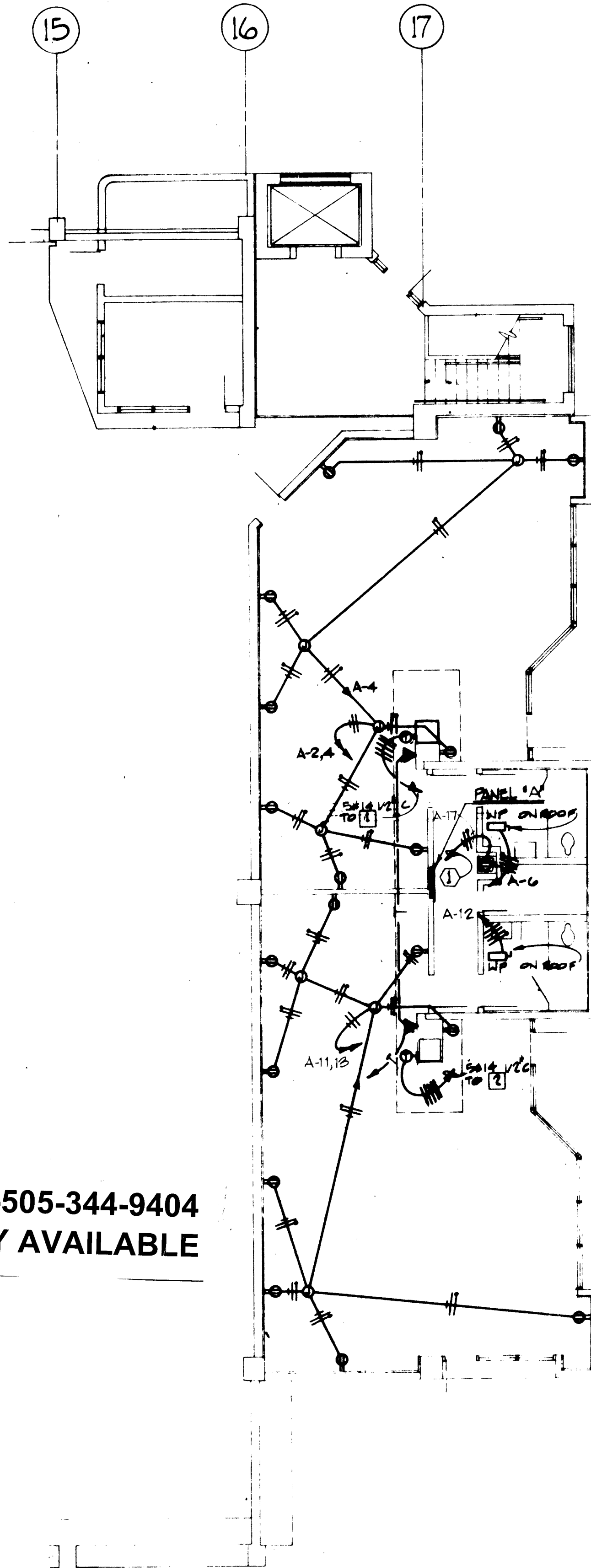
DATE 10/22/82
BY AEI
CHECKED JLMc
PLUMBING FLOOR PLAN
SCHEMATICS &
SCHEDULES
P-5

PANEL SCHEDULES		
PANEL "A"	120/200Y-3B-W-225A MAINS WITH MAIN LUGS ONLY, FLUSH MOUNTED, BOTTOM FEED, GROUND BUS, 10,000 A.I.C. BOLT-IN BREAKERS MINIMUM, DEPT-IN-DOOR CONSTRUCTION	
11-20A-1P	BRANCH BREAKERS	CCTS. 1-5/8" (11/16" IT)
7-20A-1P	BRANCH BREAKERS	CCTS. 1-5/8" (11/16" IT)
2-40A-1P	BRANCH BREAKER	CCTS. 1-5/8" (11/16" IT)
10-20A-1P	SPACES	CCTS. 1-5/8" (11/16" IT)

LIGHT FIXTURE SCHEDULE		
TYPE	LAMPS	DESCRIPTION
A	4-FROCW	RECESSED IN LAT-IN GRID WESTINGHOUSE PAR2856-242N WITH KSN-23 LENS
B	2-FROCW	RECESSED IN GYP. BOARD WESTINGHOUSE PAR2856-241N WITH KSN-23 LENS
C	2-75WIF	WALL MOUNTED 6" ABOVE MIRROR ART METAL #9000
D	2-FROCW	CELLYON SURFACE WESTINGHOUSE #SP2NOR
E	1-150WIF A21	RECESSED IN LAT-IN GRID MARCO #2201111
F	1-150WIF A21	RECESSED IN GYP. BOARD MARCO #2201111
G	AS REQUIRED	WALL MOUNTED COLUMBUS 6" LIGHTALARM #22610
H	N/A	WALL MOUNTED 2" BELOW CLR EVERLO #710-1, RED BACKGROUND, WHITE LETTERS, ARROWS AS INDICATED



FLOOR PLAN - LIGHTING
SCALE: 1/8" = 1'-0"
NOTE:
ALL 2'-0" FIXTURES SHALL BE TYPE "A"



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

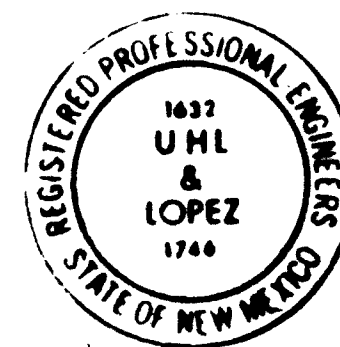
NOTES

- EXTEND CONDUIT AND WIRE TO EXISTING PANEL "L" APPROXIMATELY 180'-0" AWAY. USE #10 CONDUCTORS.

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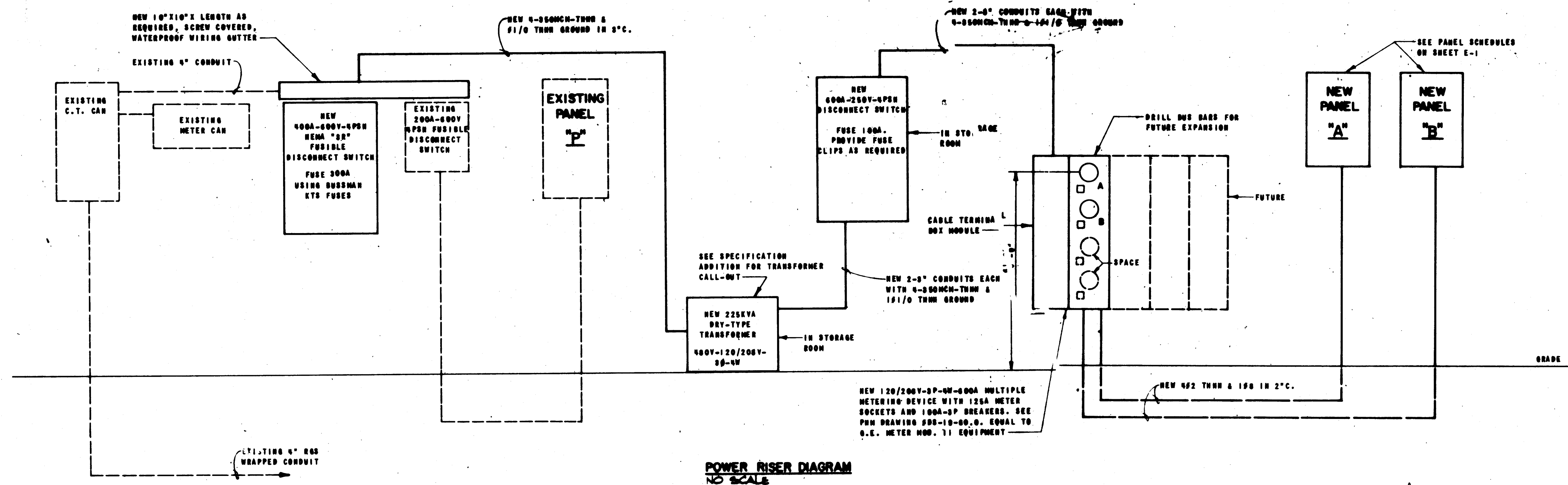
These RECORD DRAWINGS have been prepared from information supplied by the contractor and shall not be construed as a certification of actual conditions by the architect.

RECORD DRAWINGS	
FMBSM	Flatow-Moore-Bryan-Shaffer-McCabe
Date:	12-16-88 By: <i>CTH/ML</i>

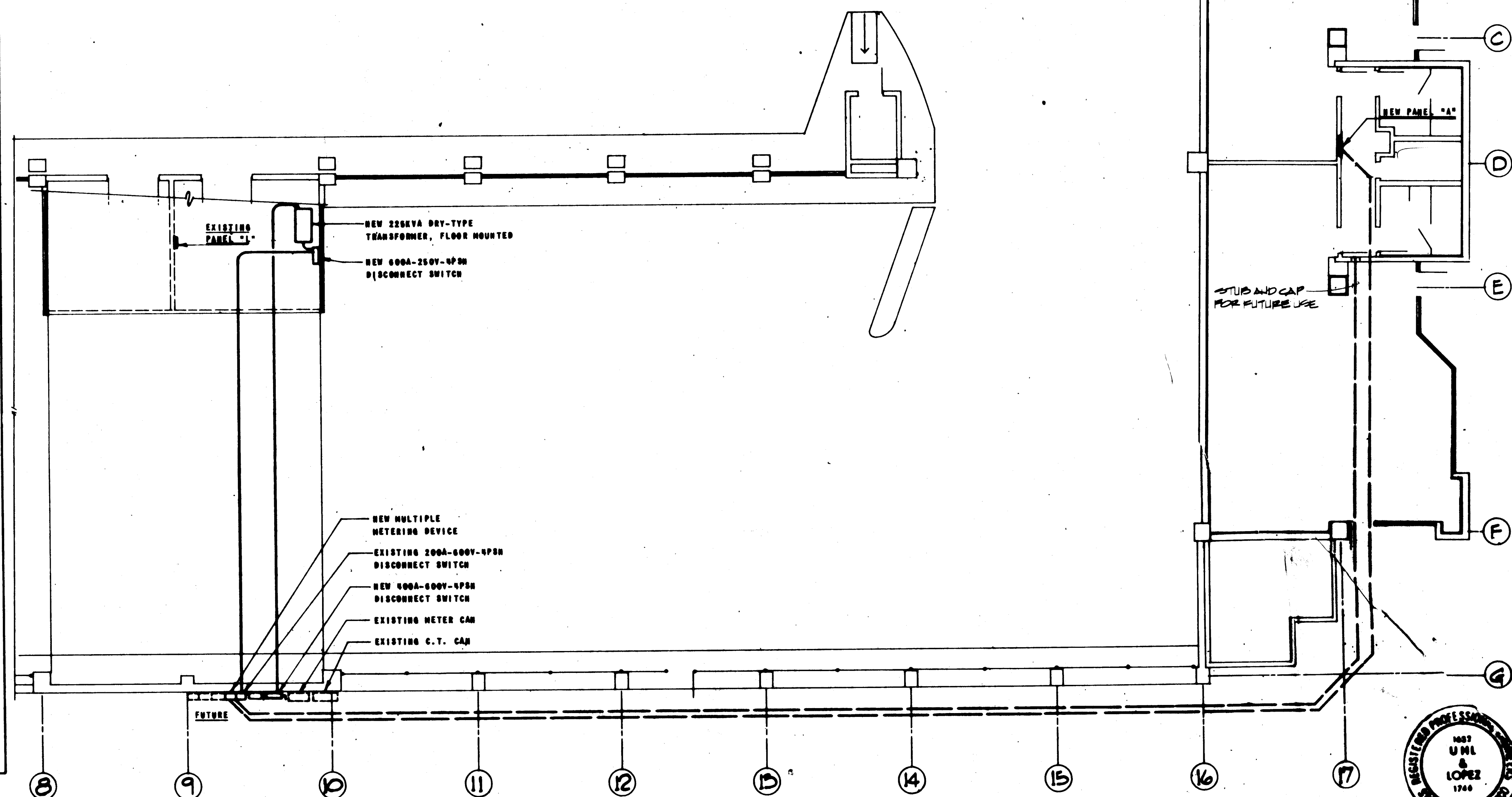


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COPPER AVENUE PARKING STRUCTURE TENANT DEVELOPMENT 400 COPPER AVENUE, NW ALBUQUERQUE, NEW MEXICO	
fmb	
Date: 10/22/83	Electrical Floor Plans & Schedules
UHL	FM



ELECTICAL LEGEND	
SYMBOL	DESCRIPTION
	CEILING OUTLET, LETTER DENOTES FIXTURE TYPE
	WALL OUTLET
	EXIT LIGHT
	RECESSED INCANDESCENT FIXTURE
	FLUORESCENT FIXTURE
	RECESSED LAY-IN FLUORESCENT FIXTURE
	WALL SWITCH, 3PST. 6'-0" ABOVE FLOOR TO TOP UNLESS NOTED. LETTER DENOTES CONTROL
	FRACTIONAL HP DISCONNECT WITH THERMAL OVERLOAD PROTECTION
	DUPLEX CONVENIENCE OUTLET, 16" ABOVE FLOOR TO BOTTOM UNLESS NOTED
	MOTOR OUTLET AND SIZE IN HP
	THERMOSTAT, 6'-0" ABOVE FLOOR TO TOP
	JUNCTION BOX AS NOTED OR REQUIRED
	MOTOR CONTROLLER
	DISCONNECT SWITCH
	LIGHTING PANELBOARD, 120/200V-3Ø-4W
	RACEWAY, CONCEALED IN WALLS OR CEILING
	RACEWAY, CONCEALED IN WALLS OR FLOOR
	TELEPHONE RACEWAY
	HOMERUN TO PANELBOARD
	TELEPHONE HOMERUN TO TERMINAL CABINET, 1" CONDUIT UNLESS NOTED
	NEUTRAL, HOT, SWITCH, AND GROUND CONDUCTORS, RESPECTIVELY
	TELEPHONE OUTLET, WALL, 16" ABOVE FLOOR TO BOTTOM UNLESS NOTED
	FIRE ALARM BELL, 7'-6" ABOVE FLOOR
	FIRE ALARM STATION, 6'-0" ABOVE FLOOR TO TOP
	DRY-TYPE TRANSFORMER
	WEATHERPROOF
	MECHANICAL EQUIPMENT REFERENCE
	NOTE REFERENCE
	FURNISHED BY MECHANICAL



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RECORD DRAWINGS

FMBSM Flitow • Moore • Bryen • Shaffer •
McCabe

Date: 12-16-86 by Stetson

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26			104	66	98	7E					

△ AS-BUILT 12/86

**COPPER AVENUE PARKING
STRUCTURE
TENANT DEVELOPMENT**
400 COPPER AVENUE, NW
ALBUQUERQUE, NEW MEXICO

12/20/72
100