

A NEW PARKING STRUCTURE FOR THE



ARKANSAS STATE UNIVERSITY

JONESBORO, ARKANSAS

General Notes

Materials Keying

A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY

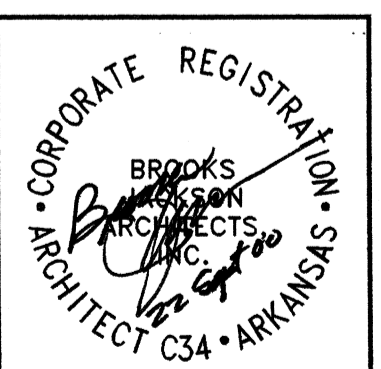
JONESBORO, ARKANSAS

BJA JOB NUMBER 9914
ASBS JOB NUMBER 0003.01

**BROOKS JACKSON
ARCHITECTS**

2228 Cottondale Lane • Little Rock, AR 72202 • (501) 664-8700

Carl Walker
Parking
Planning Engineering Restoration
18200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 458-9555



Date
22 SEPTEMBER 00
Revisions

12

Sheet Title

COVER SHEET

Sheet Number

C1

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A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY JONESBORO, ARKANSAS

General Notes

LOWER LEVEL:	190 SPACES	65620 sq.ft.
MID LEVEL:	225 SPACES	75862 sq.ft.
UPPER LEVEL:	85 SPACES	28250 sq.ft.
TOTAL:	500 SPACES	160096 sq.ft.

CODE ANALYSIS

<p>Occupancy: Special Storage Occupancy Automobile Parking Garage</p> <p>Construction Type: Type IV, Un-Sprinkled</p> <p>Maximum Height Allow = 8 stories, 75' Actual = 3 stories, 36' Future = 6 stories, 72'</p> <p>Maximum Area Allow = 400,000 ft² Actual = 155,254 ft² Future = 393,674 ft²</p> <p>Maximum Travel Distance = 200' w/Distance Actual = 220' max Increase to 300' For Parking Garage</p> <p>Open Parking Garage Open on 2 or more sides totaling not less than 40 % 20% of total perimeter walls/each level 20% open and uniformly distributed of interior walls</p> <p>Occupancy Loads: Parking Garage = 1/200 gross Actual = 344 people on 2nd Floor (largest floor)</p> <p>Egress Width/Person: Level = 0.20 x 297 = 59.3' Actual = 216' +open on W & S sides Stairs = 0.30 x 344 = 103.2' Actual = 216'</p> <p>Fire Sprinkler & Alarm: Class 1 Dry-Stand Pipe Non-Sprinkled Manual Fire Alarm not Required</p>
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INDEX OF DRAWINGS

<p>C1 COVER SHEET T1 TITLE SHEET</p> <p>C-1 DEMOLITION PLAN C-2 SITE GRADING AND DRAINAGE PLAN C-3 SITE LAYOUT DIMENSION C-4 DRAINAGE DETAILS C-5 MISC. DETAILS</p> <p>S1.0 STRUCTURAL NOTES S1.1 FOUNDATION PLAN LEVEL 1 S21 FOUNDATION DETAILS S22 FOUNDATION DETAILS S23 FOUNDATION DETAILS S24 FOUNDATION DETAILS S25 FOUNDATION DETAILS S31 FRAMING PLAN LEVEL 2 S32 FRAMING PLAN LEVEL 3 S32 BEAMS AND COLUMN SCHEDULE S41 FRAMING DETAILS S42 FRAMING DETAILS S43 FRAMING DETAILS S44 FRAMING DETAILS S51 TYPICAL BEAM AND SLAB DETAILS</p> <p>SD1 SITE DEVELOPMENT PLAN SD2 TEMPORARY CONSTRUCTION BARRIER PLAN</p> <p>A1 FIRST FLOOR PLAN A2 SECOND FLOOR PLAN A3 THIRD FLOOR PLAN A4 PLAZA PLANS A5 SOUTH PLAZA PLANS A6 ENLARGED PLAN A7 ELEVATIONS A8 BUILDING SECTIONS AND ENLARGED ELEVATIONS A9 WALL SECTIONS A10 WALL SECTIONS A11 WALL SECTIONS A12 STAIR AND ELEVATOR SECTIONS A13 MISC. DETAILS</p> <p>F1.0 ISOMETRIC AND DETAILS F2.1 PARKING 1 LEVEL LAYOUT F2.2 PARKING 2 LEVEL LAYOUT F2.3 PARKING 3 LEVEL LAYOUT F3.0 SIGN SCHEDULE DETAILS F3.1 HARDWARE AND INSTALLATION DETAILS F3.2 PARKING EQUIPMENT LAYOUT</p> <p>M-1 1ST-LEVEL MECHANICAL PLAN M-2 2ND-LEVEL MECHANICAL PLAN M-3 3RD-LEVEL MECHANICAL PLAN M-4 SCHEDULES, NOTES, AND DETAILS</p> <p>E1 1ST-LEVEL ELECTRICAL PLAN E2 2ND-LEVEL ELECTRICAL PLAN E3 3RD-LEVEL ELECTRICAL PLAN E4 SITE PLAN ELECTRICAL E5 LEGEND, SCHEDULES, AND RISERS E6 SCHEDULES AND RISERS E7 SCHEDULES E8 SCHEDULES</p>
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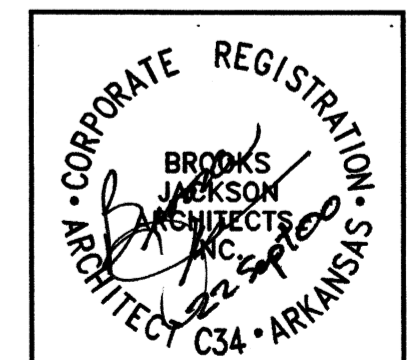
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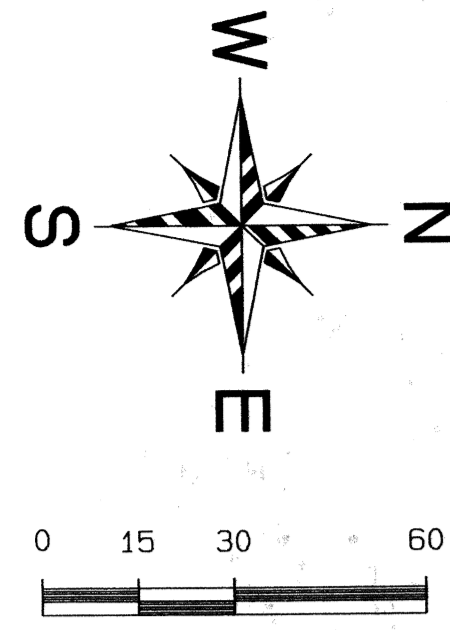
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I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS.

<p>CIVIL HAYWOOD, KENWARD, BARE + ASSO CIVIL ENGINEERING, SURVEYING 3301 E. HIGHLAND DRIVE JONESBORO, ARKANSAS 72401 (870) 932-2019</p>	<p>ARCHITECTURAL BROOKS JACKSON ARCHITECTS ARCHITECTS, INC. 2228 COTTONDALE LANE LITTLE ROCK, ARKANSAS 72202 (501) 664-8700</p>	<p>STRUCTURAL ENGINEERING CONSULTANTS, INC. CONSULTING ENGINEERS 209 W. CAPITOL, SUITE 423 LITTLE ROCK, ARKANSAS 72201 (501) 376-3752</p>	<p>MECHANICAL PETTIT AND PETTIT CONSULTING ENGINEERS HERITAGE WEST BUILDING, SUITE 400, 201 EAST MARKHAM LITTLE ROCK, ARKANSAS 72201 (501) 374-3731</p>	<p>PLUMBING PETTIT AND PETTIT CONSULTING ENGINEERS HERITAGE WEST BUILDING, SUITE 400, 201 EAST MARKHAM LITTLE ROCK, ARKANSAS 72201 (501) 374-3731</p>	<p>ELECTRICAL PETTIT AND PETTIT CONSULTING ENGINEERS HERITAGE WEST BUILDING, SUITE 400, 201 EAST MARKHAM LITTLE ROCK, ARKANSAS 72201 (501) 374-3731</p>
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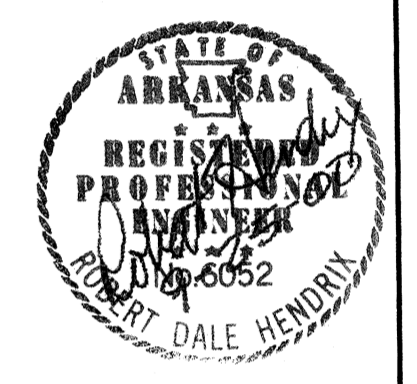
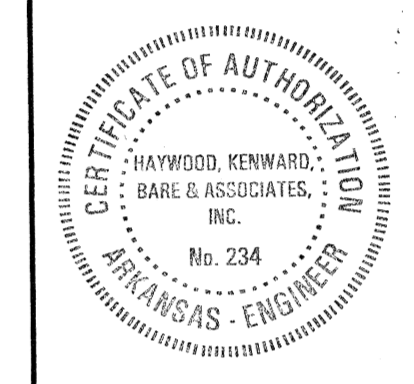
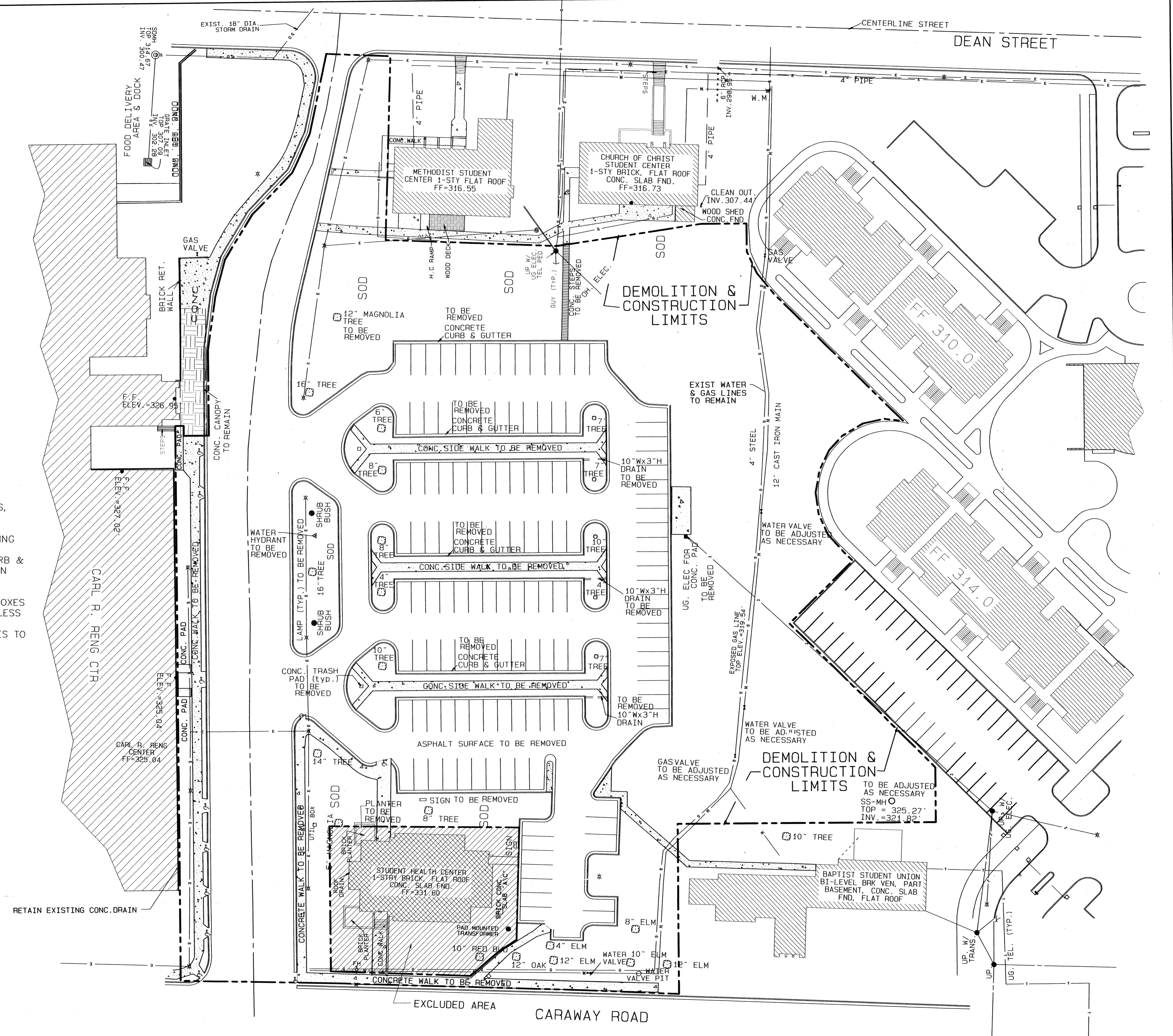
Sheet Title
TITLE SHEET

Sheet Number
T1



DEMOLITION NOTES:

1. RELOCATE ALL EXISTING TREES, SHRUB AS REQUIRED PER ASU LANDSCAPE ARCHITECT
2. REMOVE EXISTING AREA LIGHTING WITHIN CONSTRUCTION LIMITS
3. REMOVE CONC. SIDEWALK, CURB & GUTTER, ASPHALT PAVINGS WITHIN CONSTRUCTION LIMITS
4. REMOVE SIGNS, UTILITY LINES, VALVES, HYDRANTS, AND BOXES WITHIN CONSTRUCTION LIMITS UNLESS OTHERWISE NOTED
5. ADJUST ALL RETAINED UTILITIES TO PLAN GRADE



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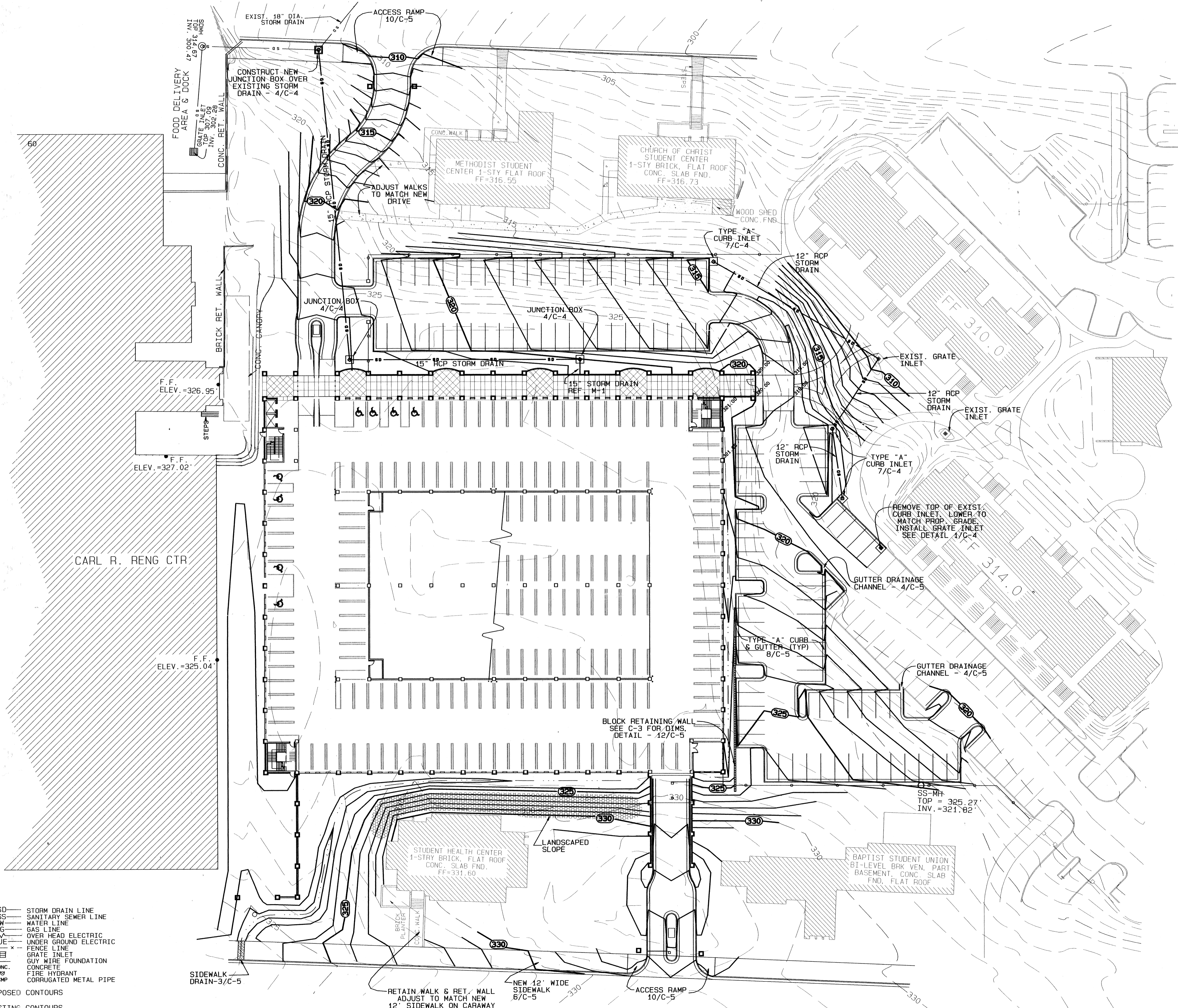
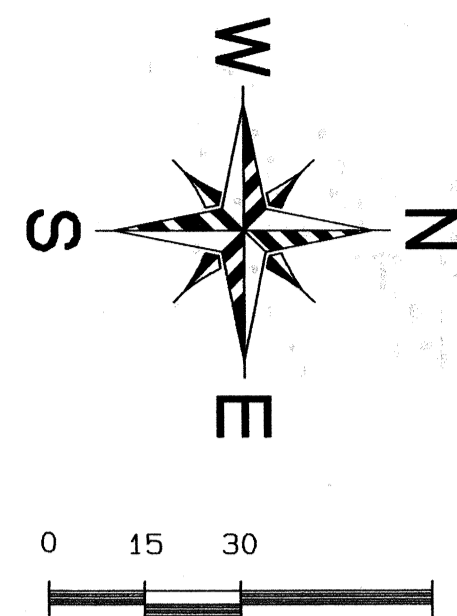
HAYWOOD, KENWARD, BARE & ASSOCIATES, INC.
3301 EAST HIGHLAND DRIVE
JONESBORO, ARKANSAS 72401
PH (670) 932-2019 FAX (670) 932-1076

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27 JULY 00
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Sheet Title
**DEMOLITION
PLAN**

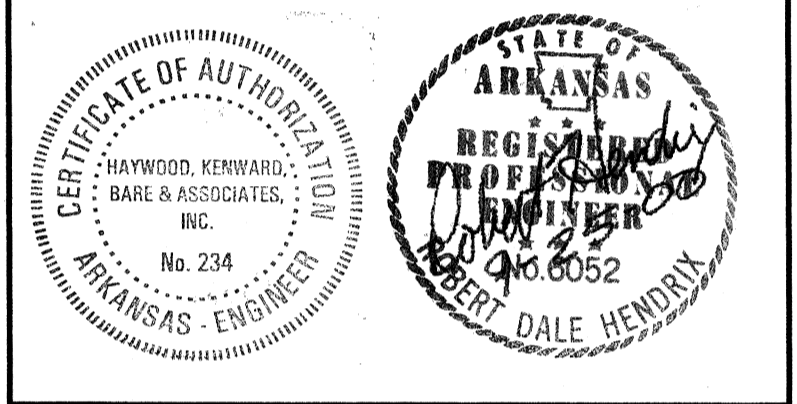
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C-1

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LEGEND

- | | | | |
|---|------------------------------|------|-----------------------|
| ○ | UTILITY POLE | —SD— | STORM DRAIN LINE |
| ○ | WATER VALVE | —SS— | SANITARY SEWER LINE |
| ○ | WATER METER | —W— | WATER LINE |
| ○ | GAS METER | —G— | GAS LINE |
| ○ | TELEPHONE PED. | —UE— | OVER HEAD ELECTRIC |
| ○ | FIP/SSIP | —UE— | UNDER GROUND ELECTRIC |
| ○ | SANITARY SEWER MANHOLE | —X— | FENCE LINE |
| ○ | STORM DRAIN MANHOLE | —G— | GRATE INLET |
| ○ | SSMH SANITARY SEWER MANHOLE | —G— | GUY WIRE FOUNDATION |
| ○ | SSMH STORM DRAIN MANHOLE | —C— | CONC. |
| ○ | SSMH STORM DRAIN MANHOLE | —C— | CONCRETE |
| ○ | RCR REINFORCED CONCRETE PIPE | —C— | FIRE HYDRANT |
| ○ | CI CAST IRON PIPE | —C— | CORRUGATED METAL PIPE |
- 315 — PROPOSED CONTOURS
 — — — — — EXISTING CONTOURS



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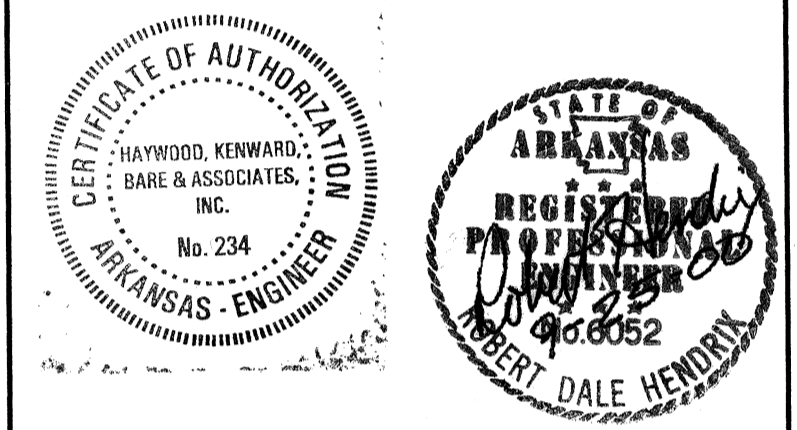
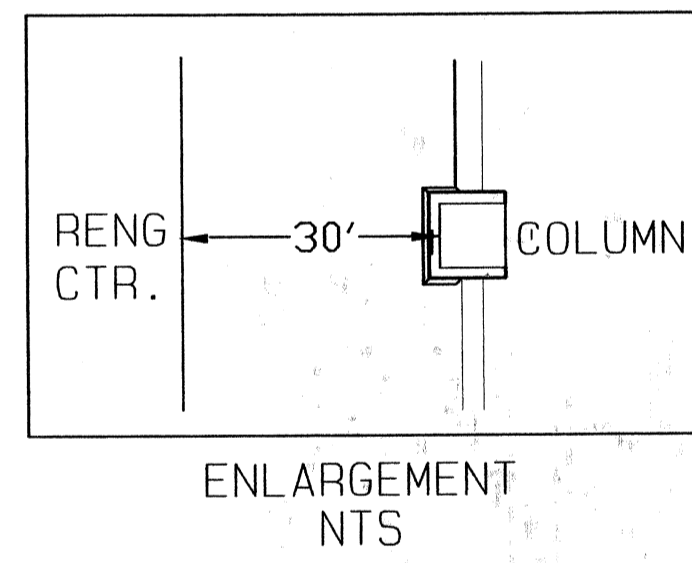
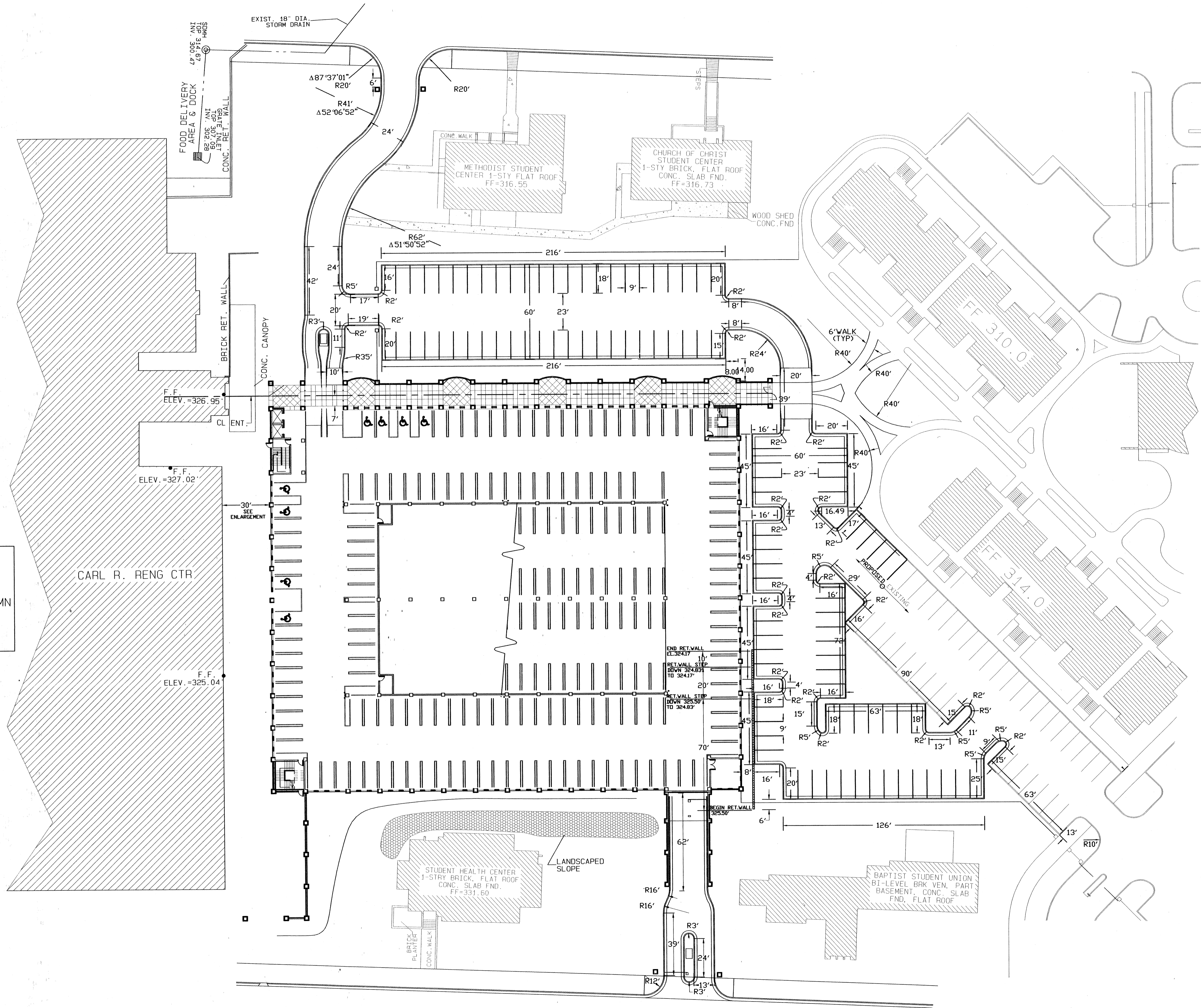
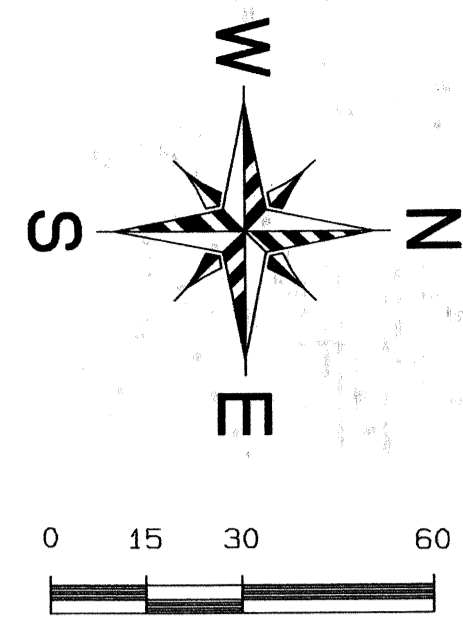
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PH (870) 932-2019 FAX (870) 932-1076

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Sheet Title Sheet Number

**SITE GRADING &
DRAINAGE PLAN** **C-2**

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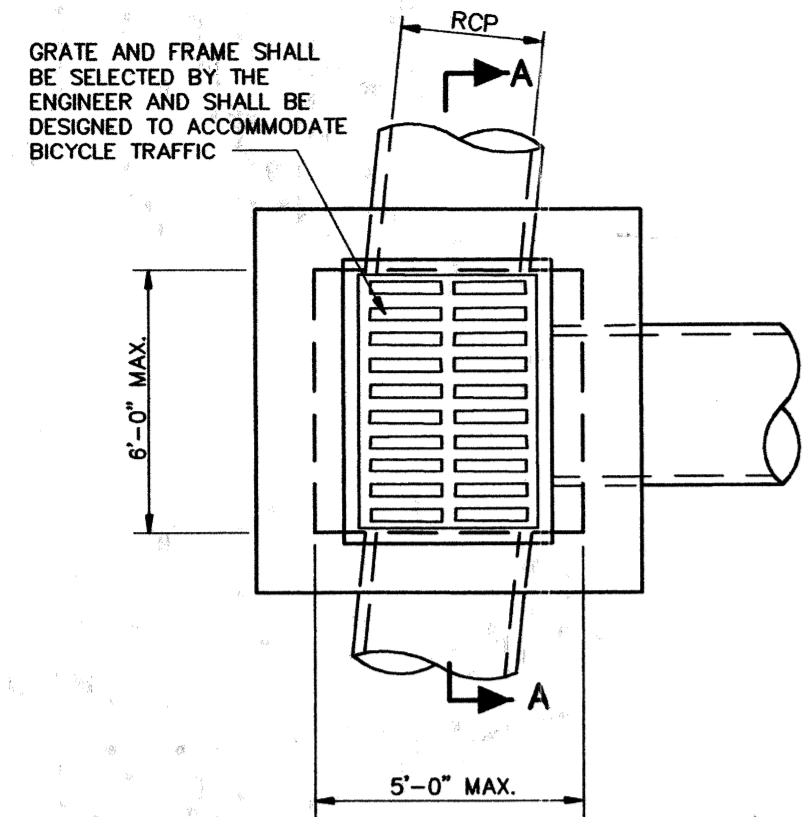
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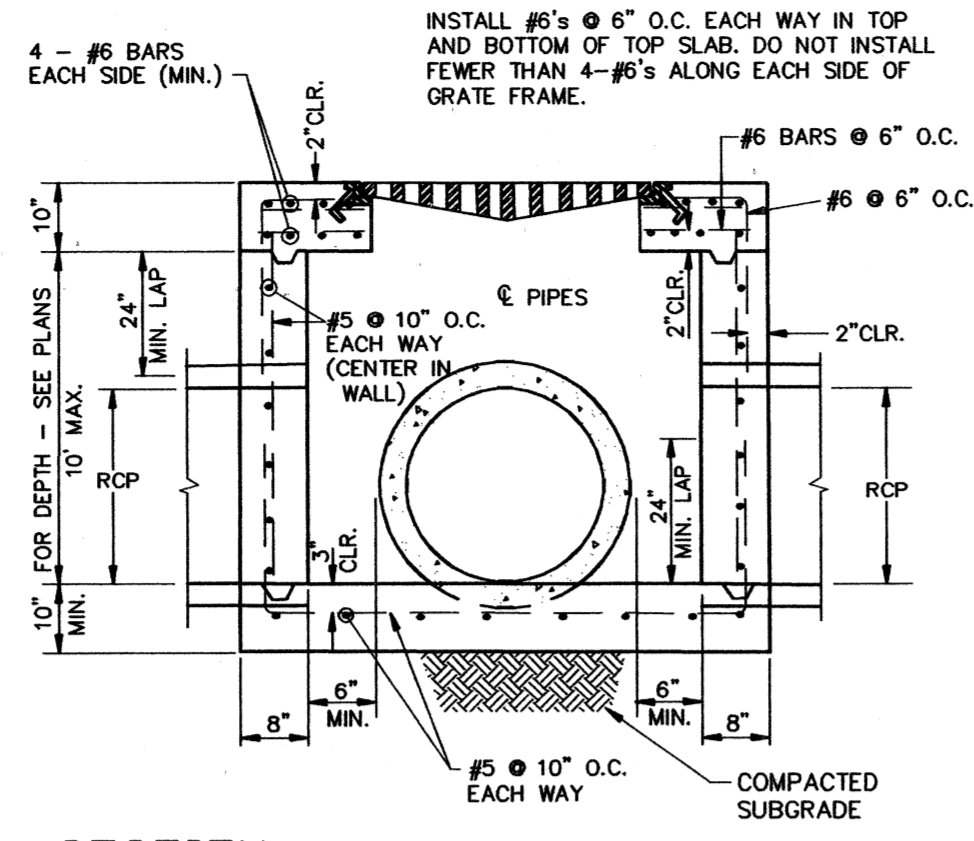
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Sheet Title
DIMENSION
PLAN
Sheet Number
C-3



PLAN

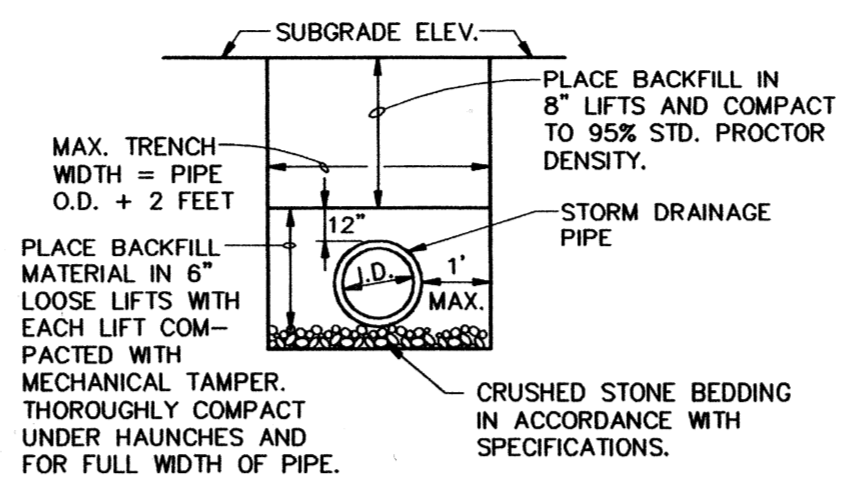
1 GRATE INLET — HEAVY
C-4 N.T.S.



SECTION

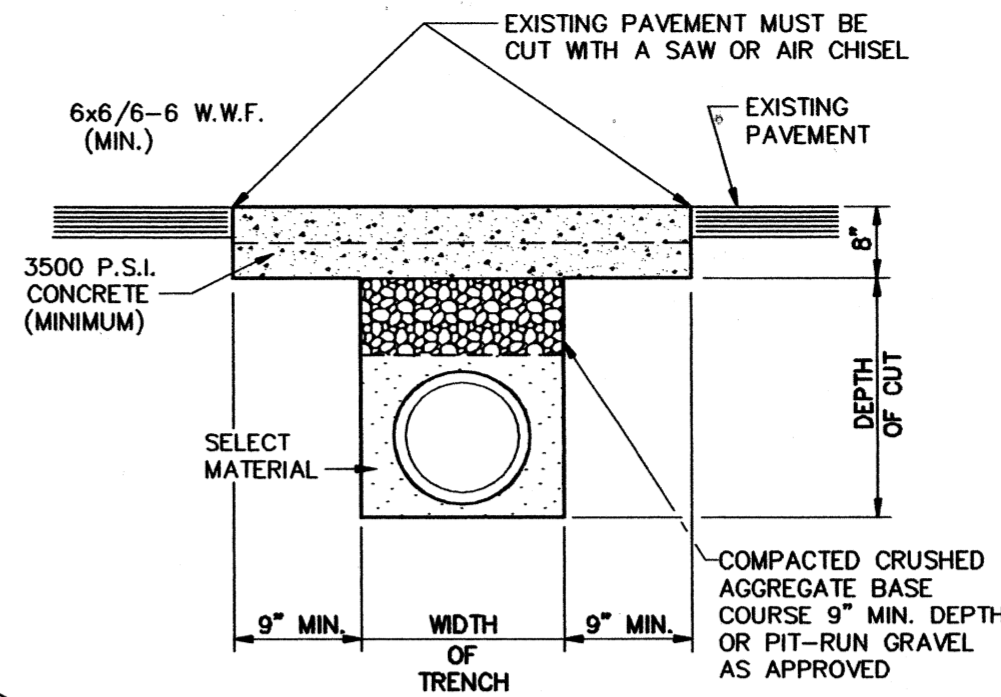
- NOTES:
1. SHOULD BE USED TO ACCOMMODATE VEHICULAR TRAFFIC.
 2. JUNCTION BOXES MORE THAN 3 FEET DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED @ 15" O.C.
 3. SEE REINFORCING DETAIL FOR OPENING IN WALL OR SLAB.

2 DRAINAGE PIPE TRENCH DETAIL
C-4 N.T.S.

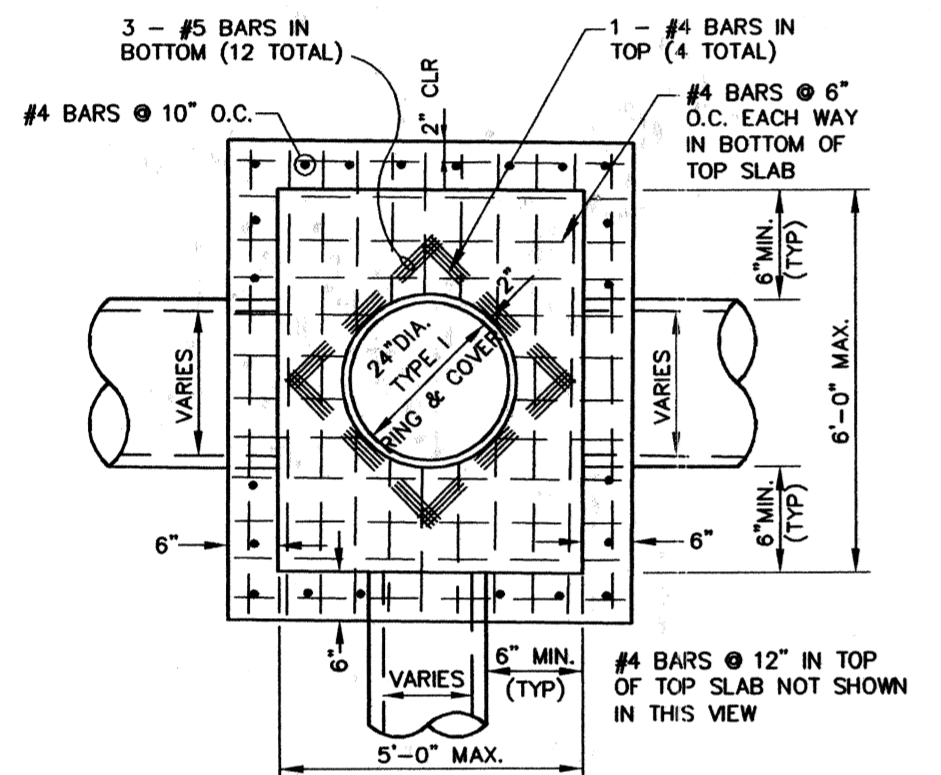


- NOTE: TO BE USED WITH NEW STREET CONSTRUCTION. SEE DRAWING NO. PT-1 FOR EXISTING STREET CUTS.

3 PAVEMENT TRENCH REPAIR DETAIL
C-4 N.T.S.

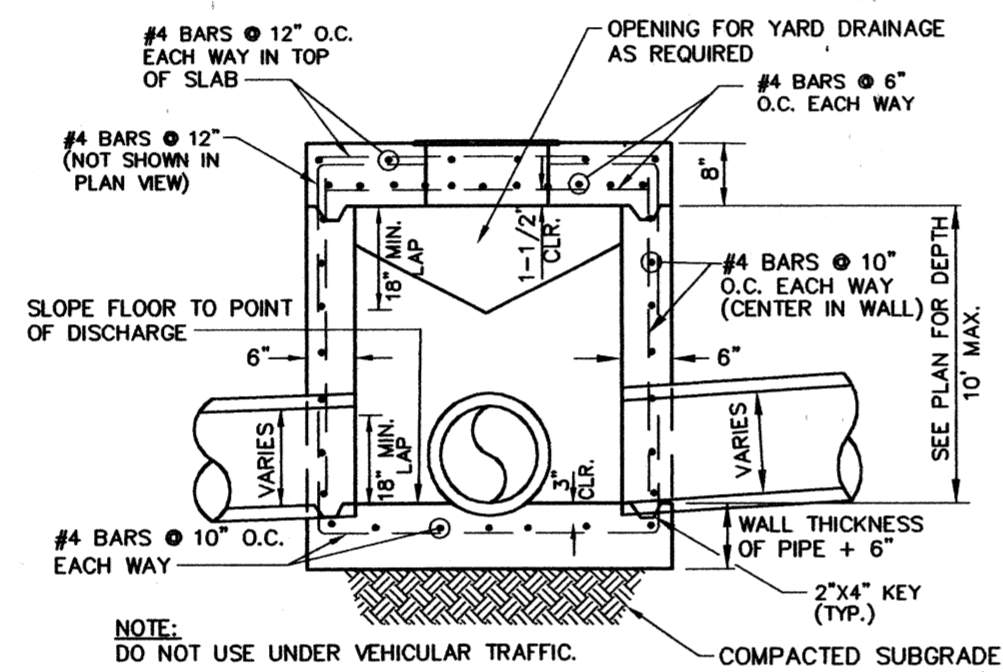


- NOTE: THE CONTRACTOR SHALL CALL PUBLIC WORKS DEPARTMENT FOR INSPECTION PRIOR TO PLACING CRUSHED AGGREGATE BASE COURSE AND PRIOR TO PLACING CONCRETE.



PLAN

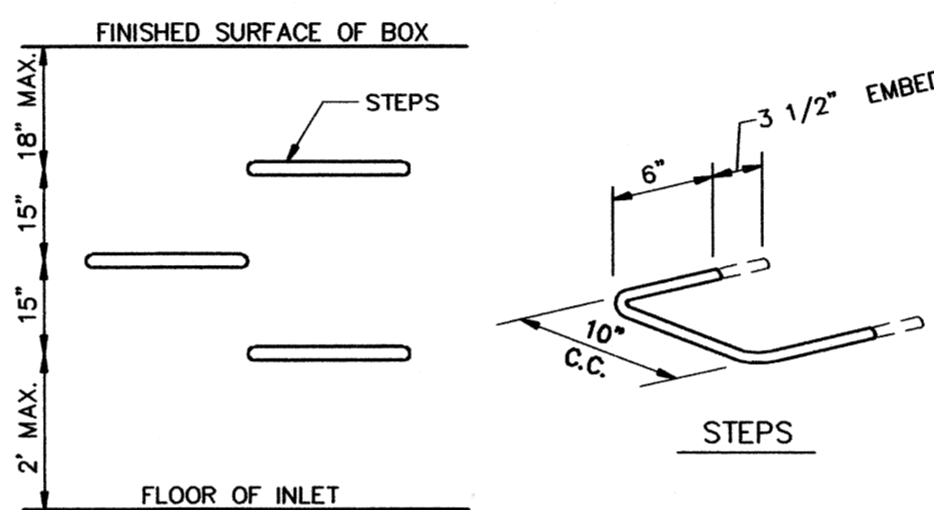
4 JUNCTION BOX — LIGHT
C-4 N.T.S.



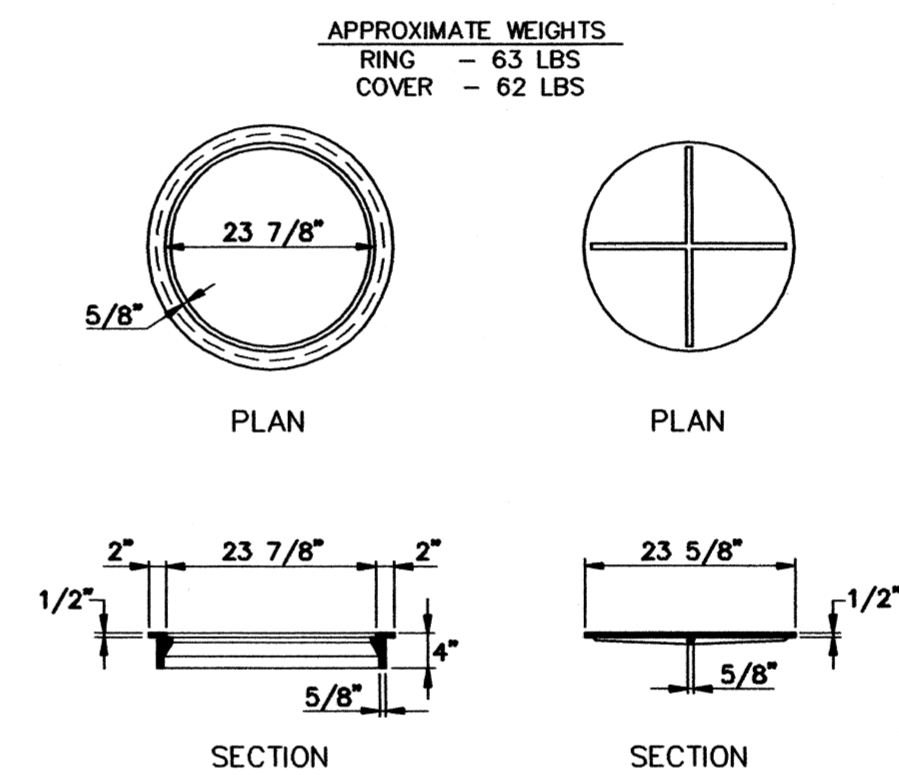
SECTION

- NOTES:
1. AS APPROVED BY THE ENGINEER, WALLS MAY BE 8" BLOCK WITH 1/2" MORTAR. FILL CELLS WITH CONCRETE AND WITH #4'S @ 16" O.C. BLOCK WALLS SHALL NOT BE USED UNDER VEHICULAR LOADING. MINIMUM DISTANCE FROM WALL TO PIPE SHALL BE 8" IF BLOCK WALLS ARE USED.
 2. JUNCTION BOXES MORE THAN 3 FEET DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED @ 15" O.C.
 3. SEE REINFORCING DETAIL FOR OPENING IN WALL OR SLAB.

5 MANHOLE / INLET STEPS
C-4 N.T.S.



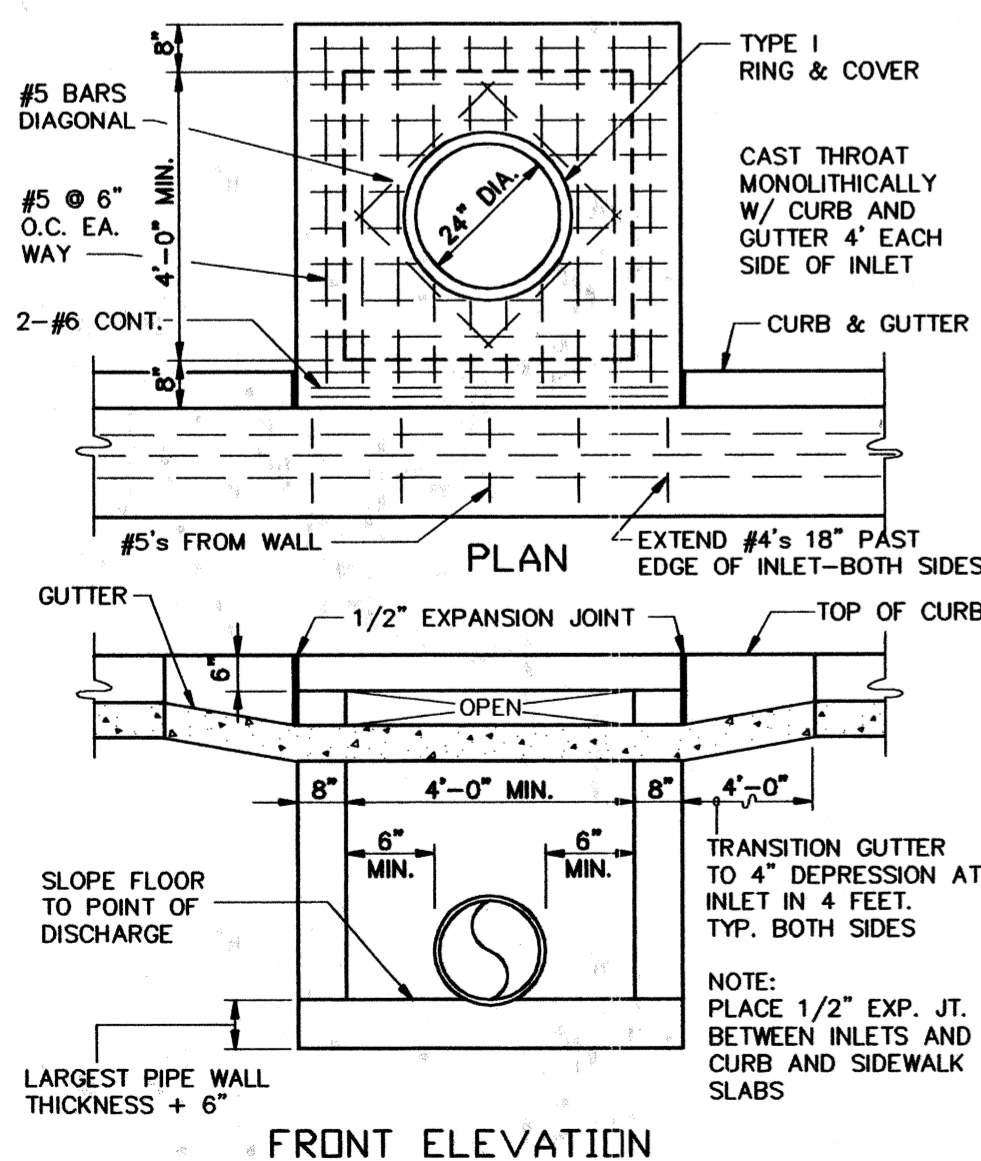
- STEPS SPECIFICATIONS:
- MANHOLE STEPS, CORROSION RESISTANT, COATED AND REINFORCED WITH STEEL PER ASTM C-478. STEEL REINFORCING MINIMUM 1/2" DIAMETER.
 - CAPABLE OF SUPPORTING MINIMUM 300 LB. LOAD.
 - NON-SLIP TEXTURED TREADS.
 - REQUIRED IN ALL STRUCTURES 3'-0" DEEP OR DEEPER, UNLESS SPECIFIED OTHERWISE.



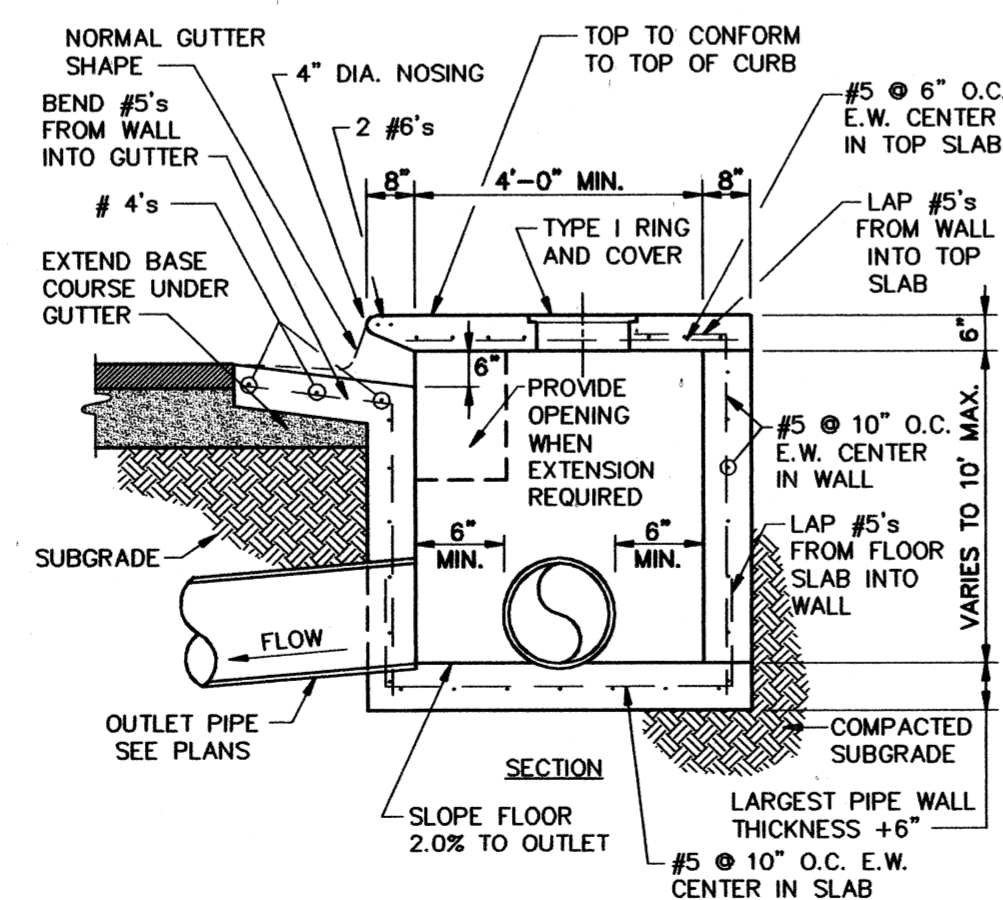
6 TYPE I RING AND COVER
C-4 N.T.S.

- NOTE: TYPE I FRAME AND COVER PERMITTED ONLY ON STRUCTURES NOT SUBJECT TO VEHICULAR TRAFFIC.

NOTE: DO NOT USE UNDER VEHICULAR TRAFFIC.

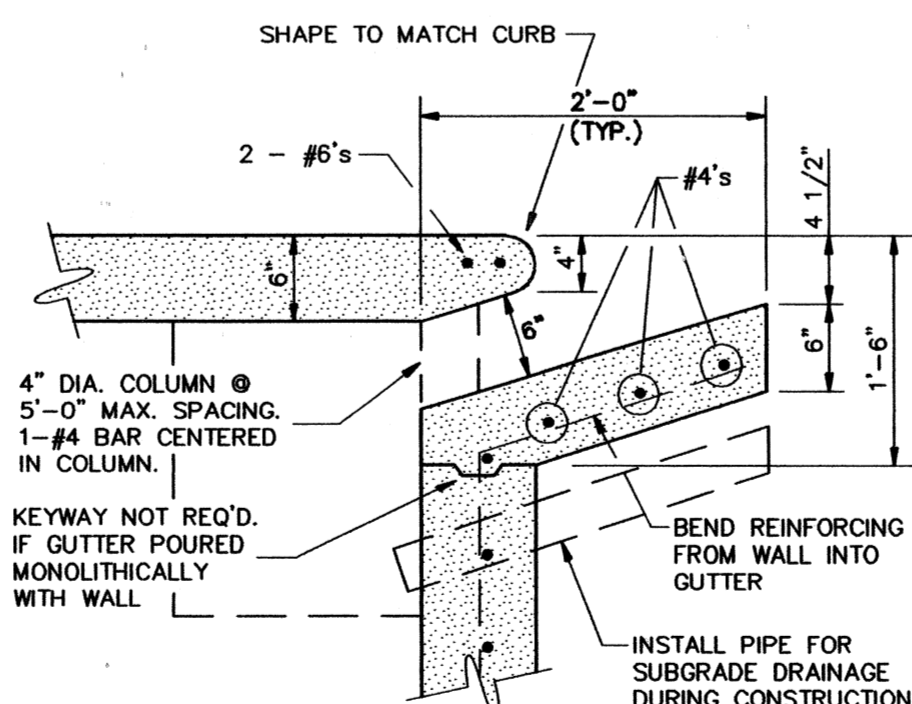


FRONT ELEVATION



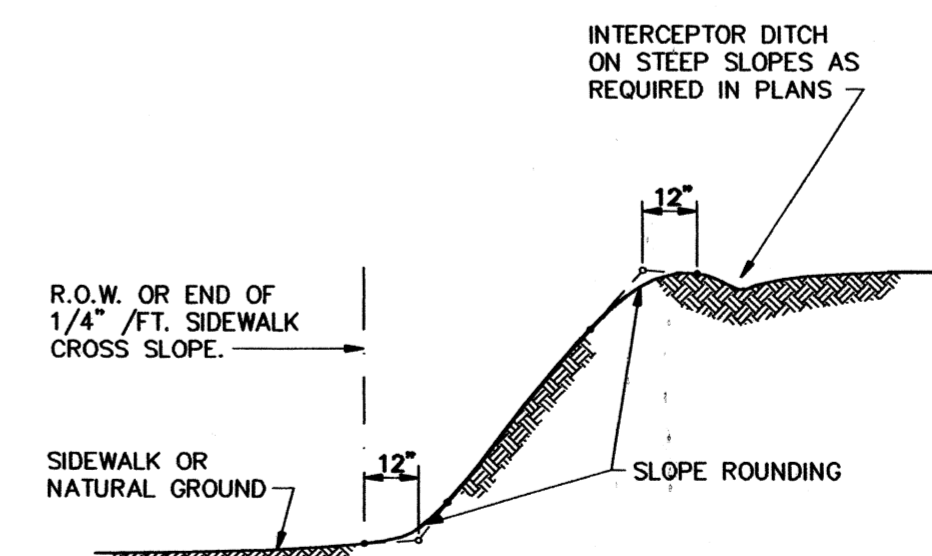
SECTION

7 TYPE 'A' CURB INLET
C-4

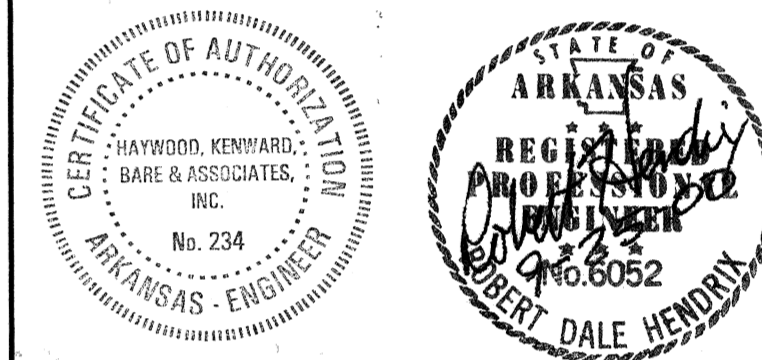


CURB OPENING

- NOTE: INLETS MORE THAN 3'-0" DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED AT 15" O.C. — MANHOLE FRAME AND COVER SHALL BE PLACED ADJACENT TO THE WALL WITH THE STEPS. AS APPROVED BY ENGINEER, WALLS MAY BE 8" BLOCK WITH 1/2" MORTAR. FILL CELLS WITH CONCRETE AND WITH #4 @ 16" O.C. MINIMUM DISTANCE FROM WALL TO PIPE SHALL BE 8" IF BLOCK WALLS ARE CONSTRUCTED.



8 SLOPE ROUNDING
C-4 TYPICAL ON ALL CUT OR FILL SLOPES



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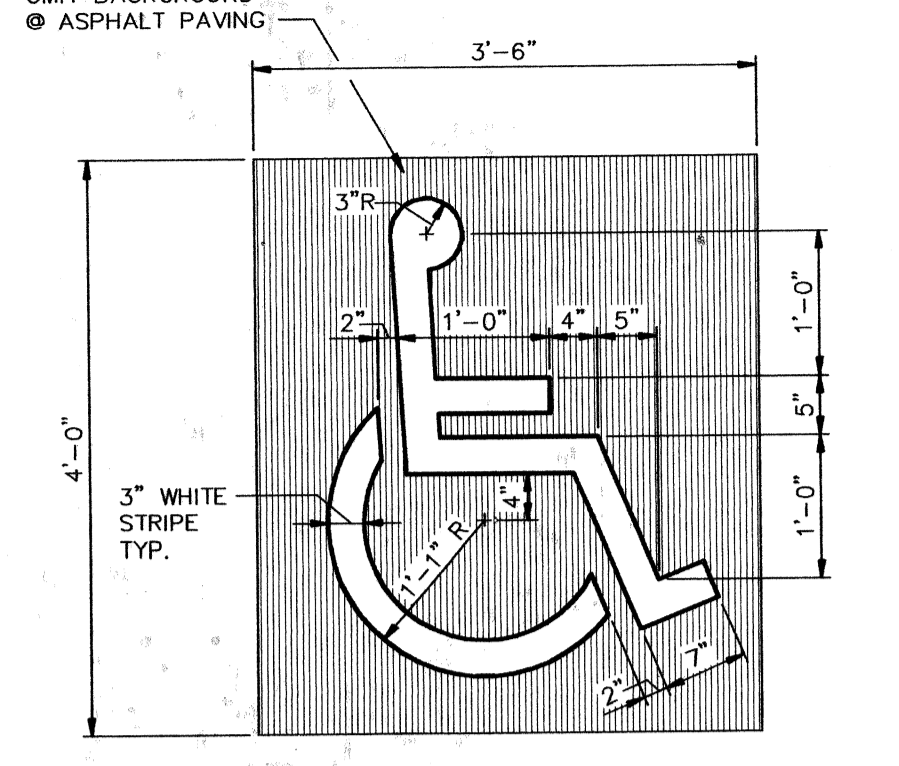
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NUMBERED DETAILS

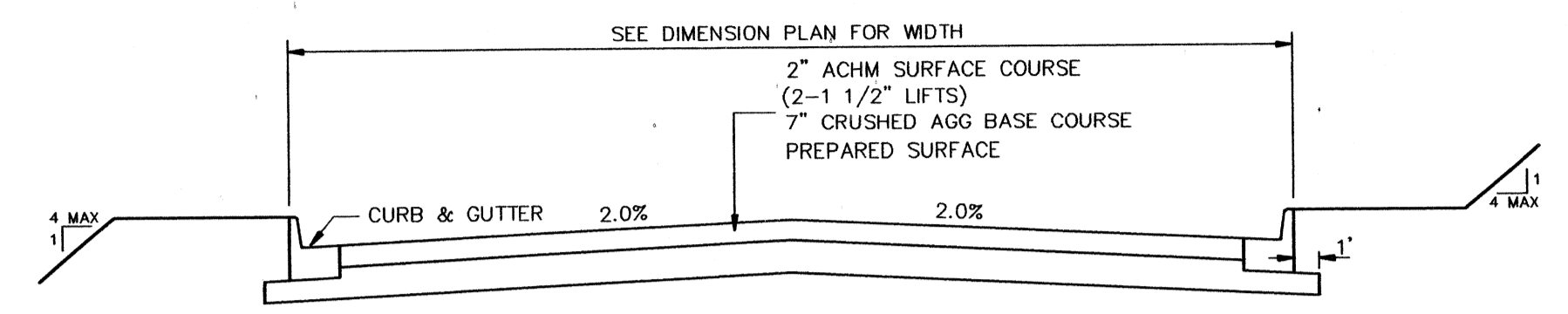
Sheet Title Sheet Number

DRAINAGE DETAILS C-4

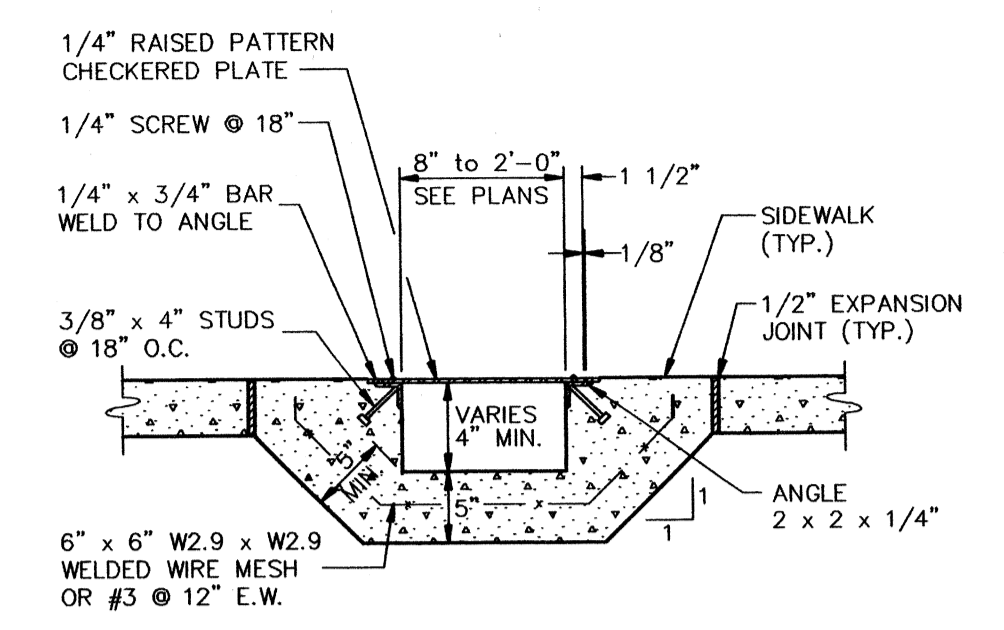
BLUE BACKGROUND
 ● CONC. PAVING
 ○ MIT BACKGROUND
 ⊙ ASPHALT PAVING



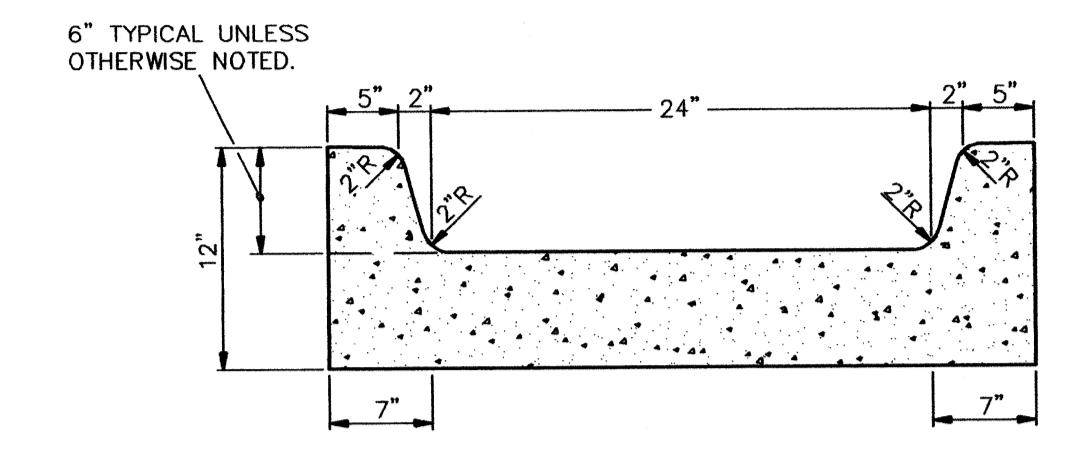
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C-5 **PARKING STALL SYMBOL**



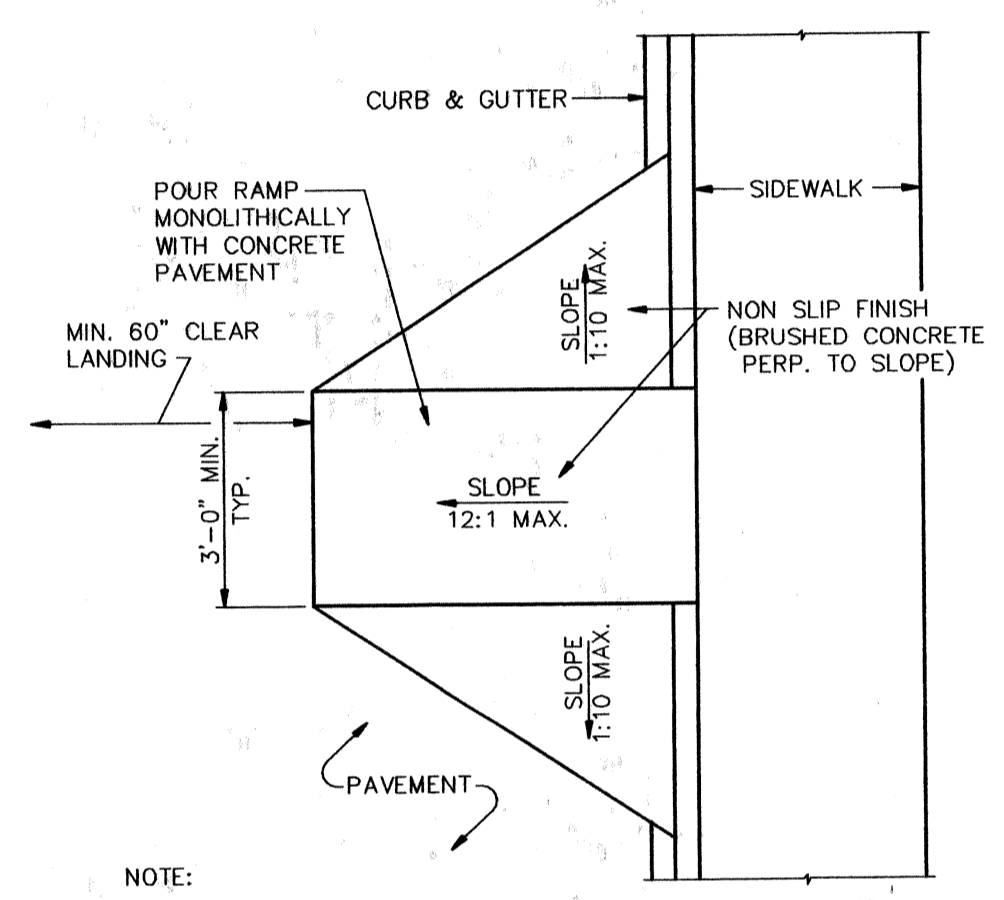
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C-5 **DRIVEWAY CROSS SECTION**
 N.T.S.



3
C-5 **SIDEWALK DRAIN**
 N.T.S.

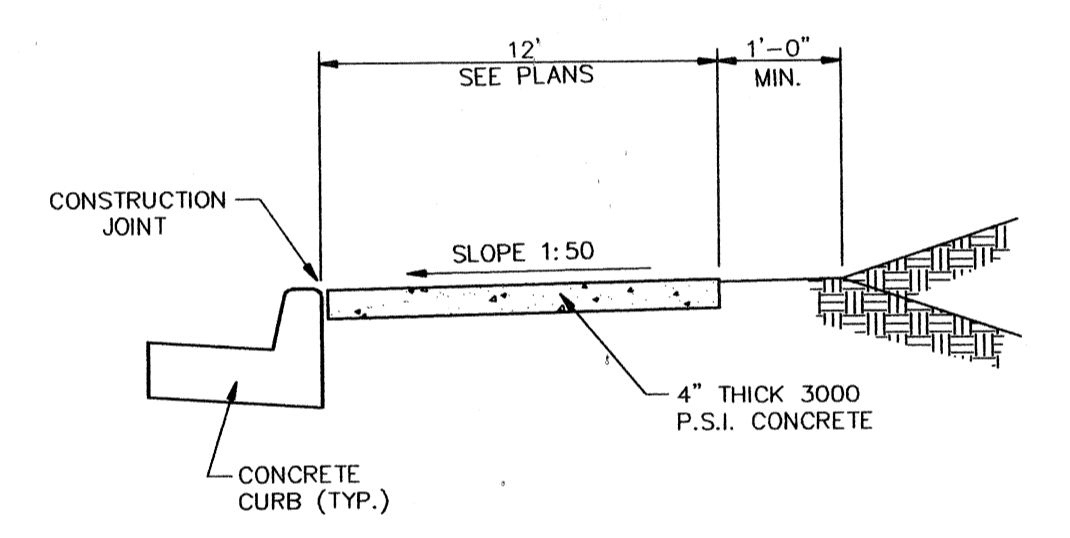


4
C-5 **GUTTER DRAINAGE CHANNEL**
 NOTE: CONTRACTION AND EXPANSION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

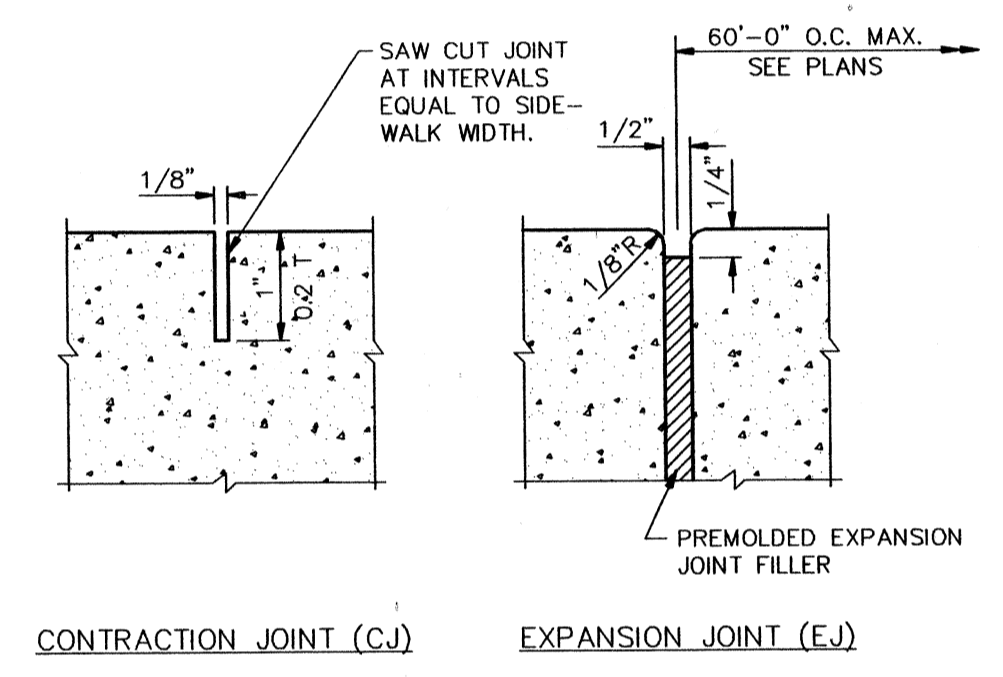


NOTE:
 1. MAXIMUM RISE FOR ANY RAMP RUN SHALL BE 30 INCHES.
 2. RAMP MUST NOT PROJECT INTO VEHICULAR TRAFFIC LANE.

5
C-5 **TYPE "D" ACCESS RAMP**
 N.T.S. (BUILT-UP CURB RAMP)

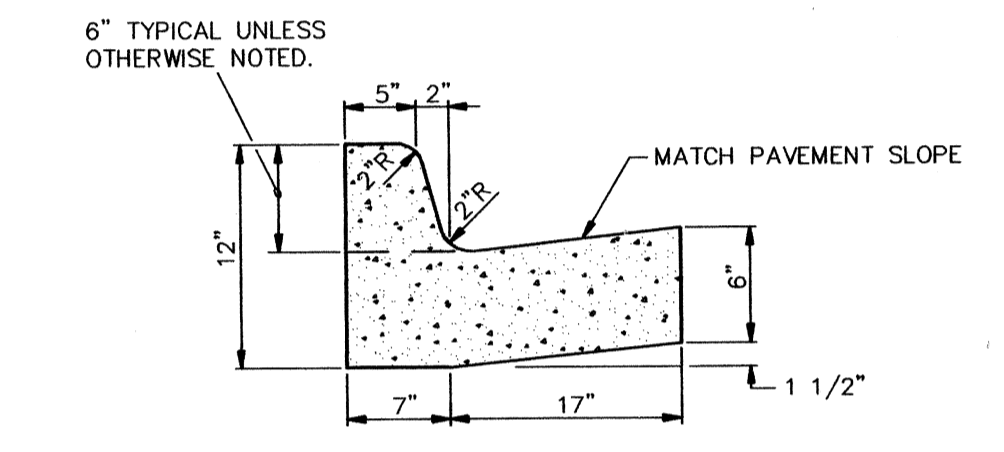


6
C-5 **TYPICAL SECTION - SIDEWALK**
 N.T.S.

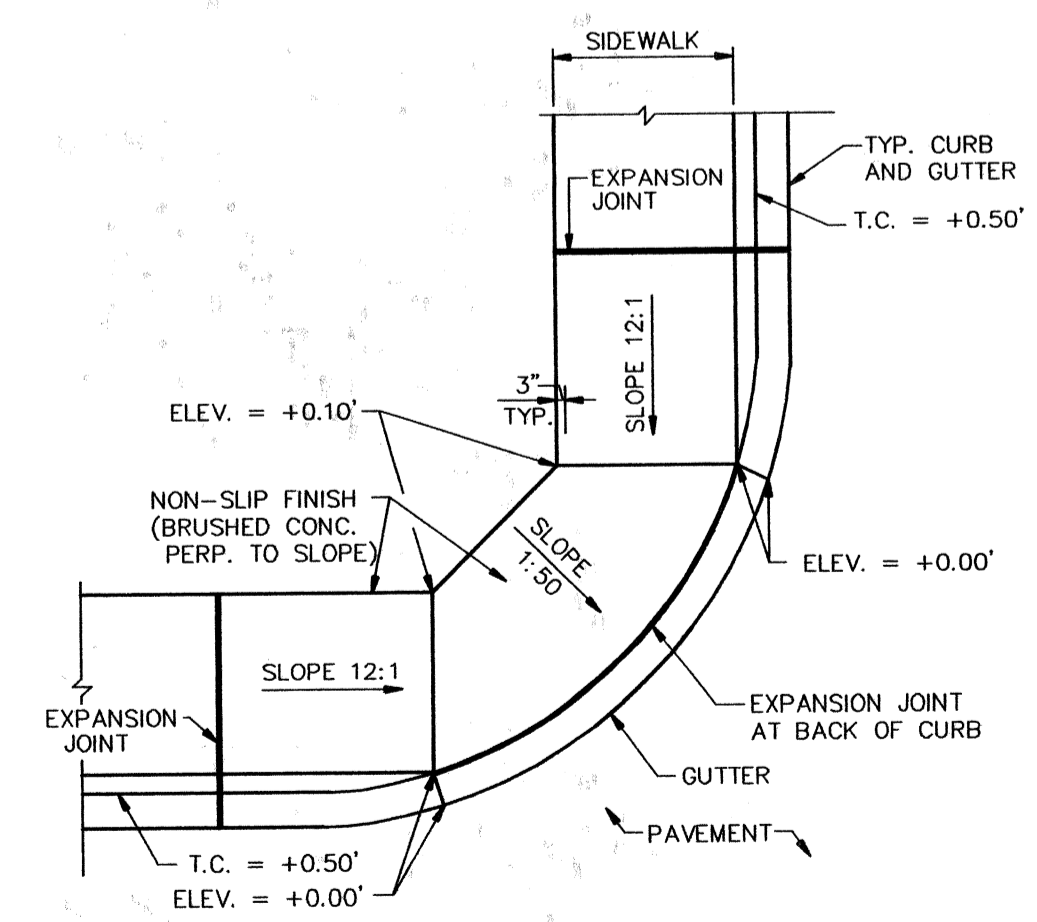


NOTE:
 PROVIDE EXPANSION JOINT WHERE SIDEWALK ABUTTS CURB AND NEXT TO STRUCTURES AND DRIVEWAYS.

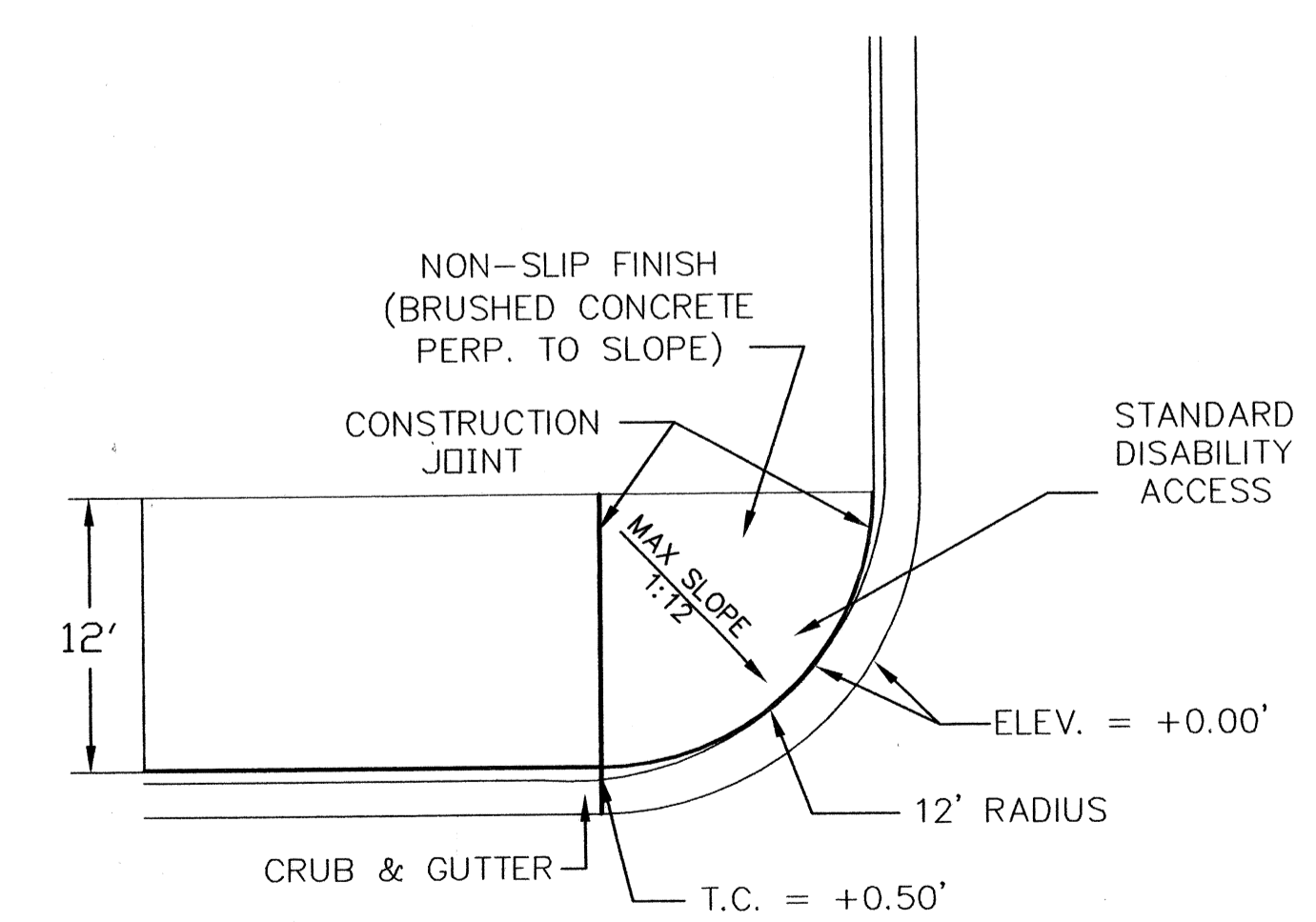
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C-5 **TYPICAL SIDEWALK JOINT DETAILS**
 N.T.S.



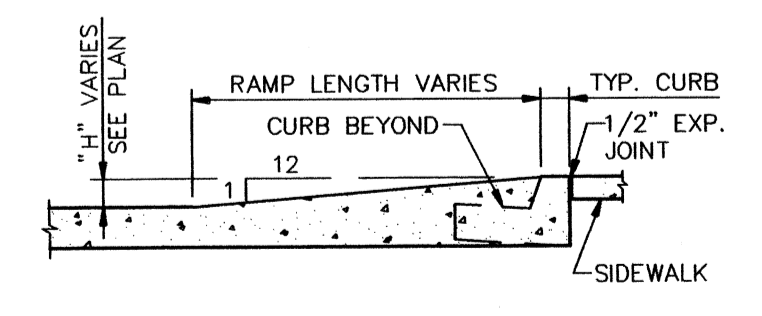
8
C-5 **COMBINATION CURB AND GUTTER**
 NOTE: CONTRACTION AND EXPANSION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.



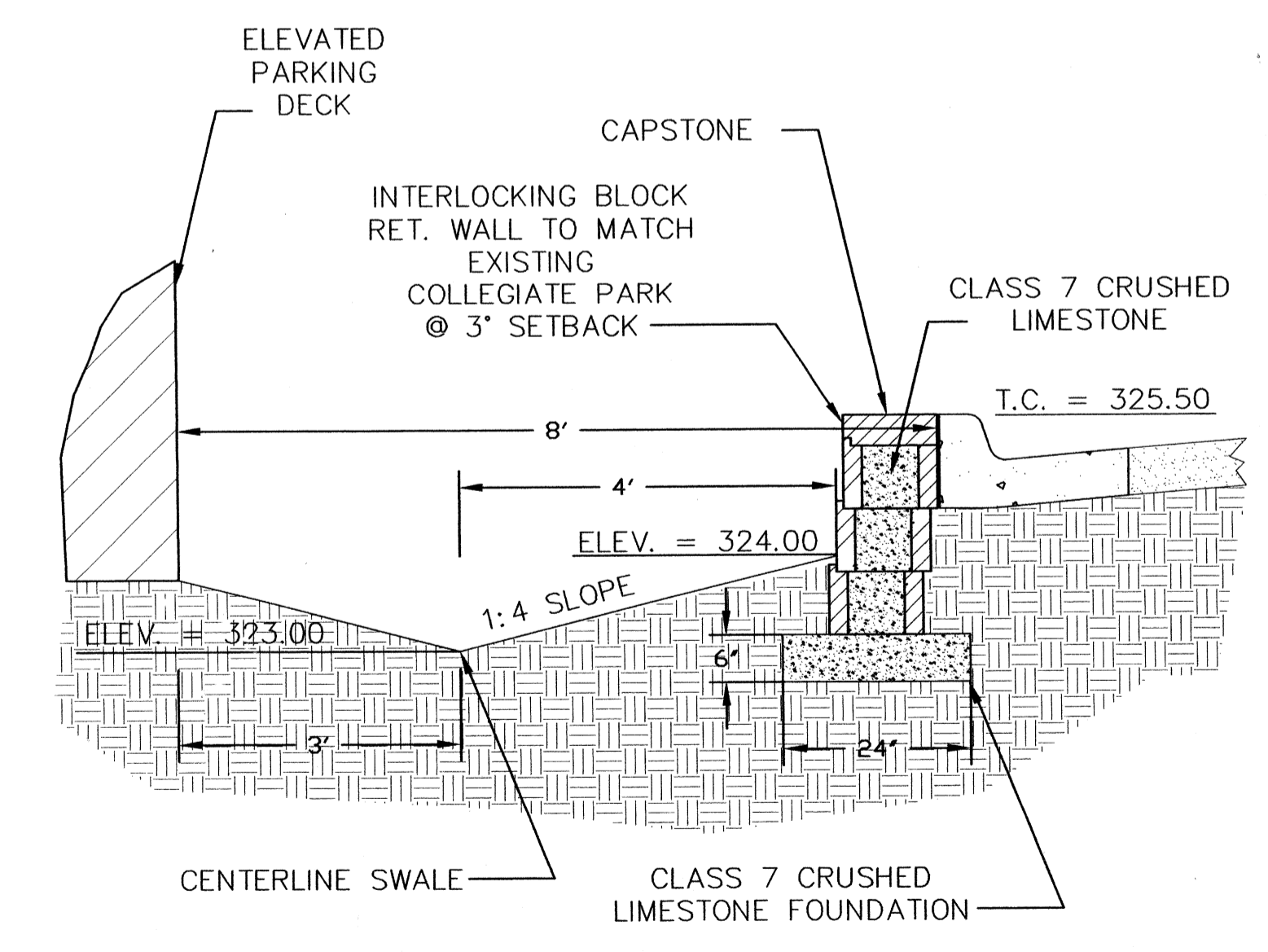
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C-5 **TYPE "C" ACCESS RAMP**
 N.T.S.



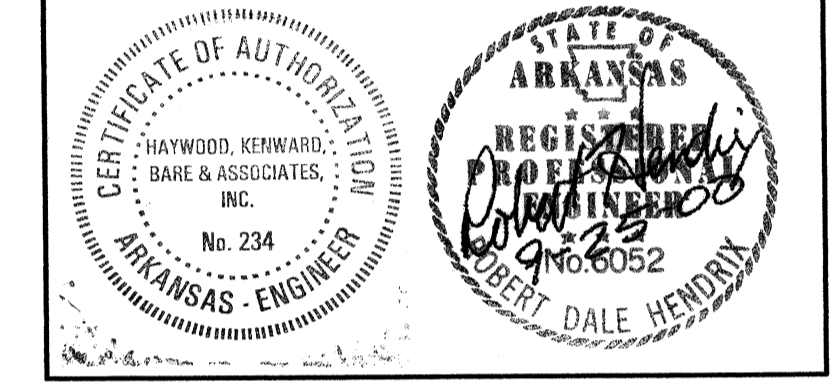
10
C-5 **ACCESS RAMP AT DRIVEWAYS**
 N.T.S.



11
C-5 **SECTION - TYPE "D" ACCESS RAMP**
 N.T.S.



12
C-5 **RETAINING WALL SECTION**
 N.T.S.



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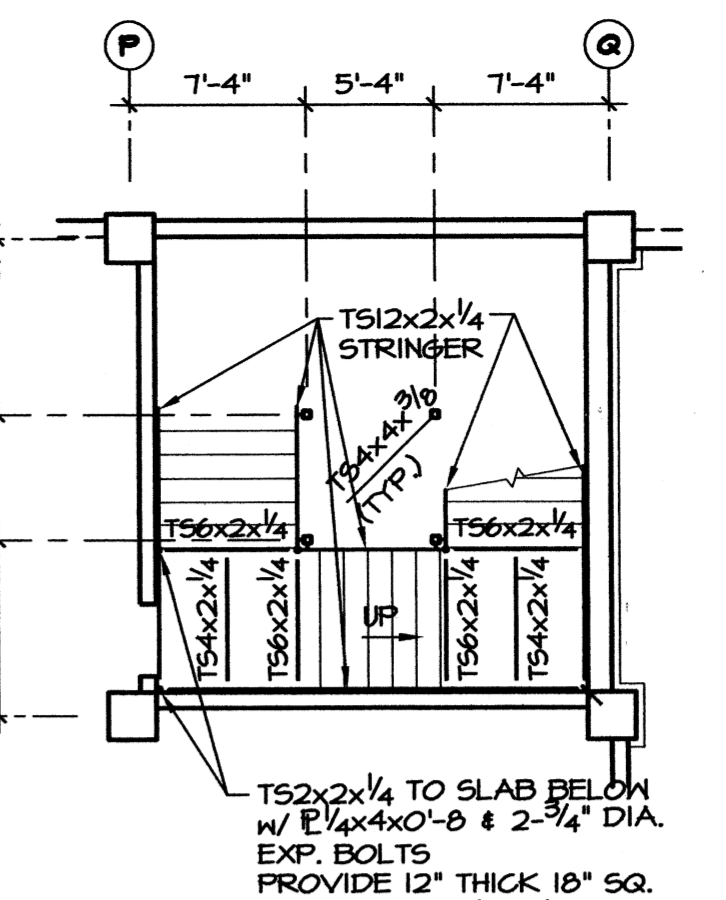
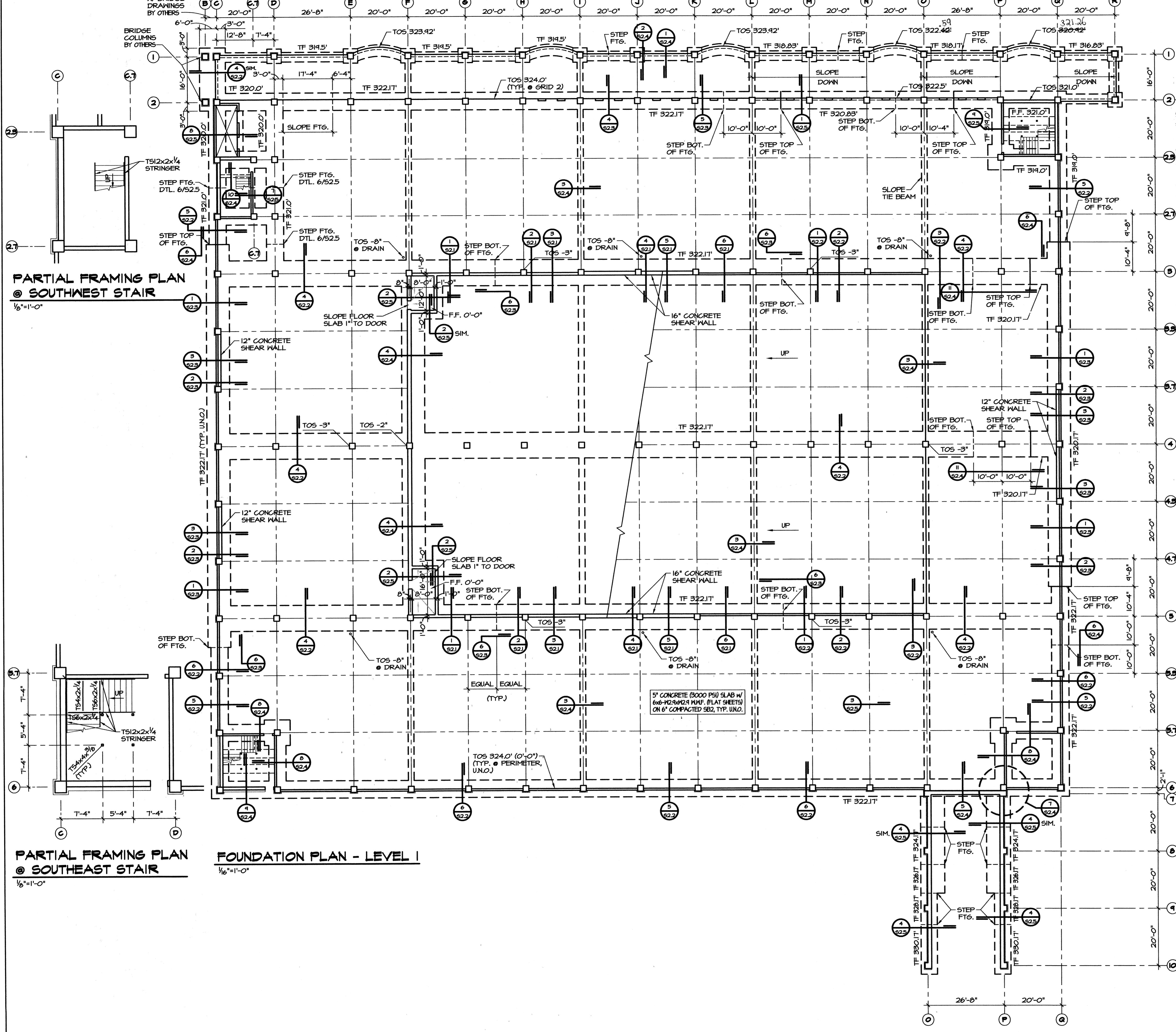
BJA JOB NUMBER 9914
 ASBS JOB NUMBER 0003.01

**BROOKS JACKSON
 ARCHITECTS**
 2228 Cottonville Lane Little Rock, AR 72202 (501) 684-8700
 HAYWOOD, KENWARD, BARE & ASSOCIATES, INC.
 3301 EAST HIGHLAND DRIVE
 JONESBORO, ARKANSAS 72401
 PH (870) 932-2019 FAX (870) 932-1076

Date
 13 SEPT. 00
 Revisions
 ADDED DETAILS

Sheet Title
 MISC. DETAILS

Sheet Number
C-5
 Copyright 400051DE



**PARTIAL FRAMING PLAN
@ SOUTHWEST STAIR**
1/8"=1'-0"

**PARTIAL FRAMING PLAN
@ NORTHWEST STAIR**
1/8"=1'-0"

**PARTIAL FRAMING PLAN
@ SOUTHEAST STAIR**
1/8"=1'-0"

FOUNDATION PLAN - LEVEL 1
1/16"=1'-0"

Materials Keying

**A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY**

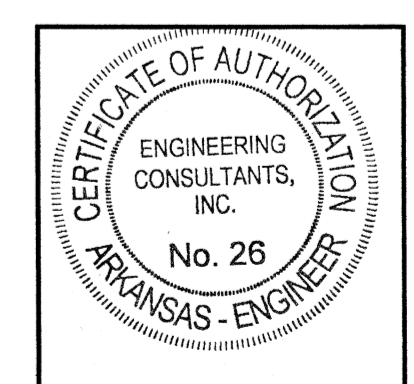
JONESBORO, ARKANSAS

JOB NUMBER 9914

**BROOKS JACKSON
ARCHITECTS**

2228 Cottendale Lane Little Rock, AR 72202 (501) 664-8700

ENGINEERING CONSULTANTS, INC.
401 West Capitol Avenue Suite 305
Little Rock, Arkansas 72201 (501) 376-3752

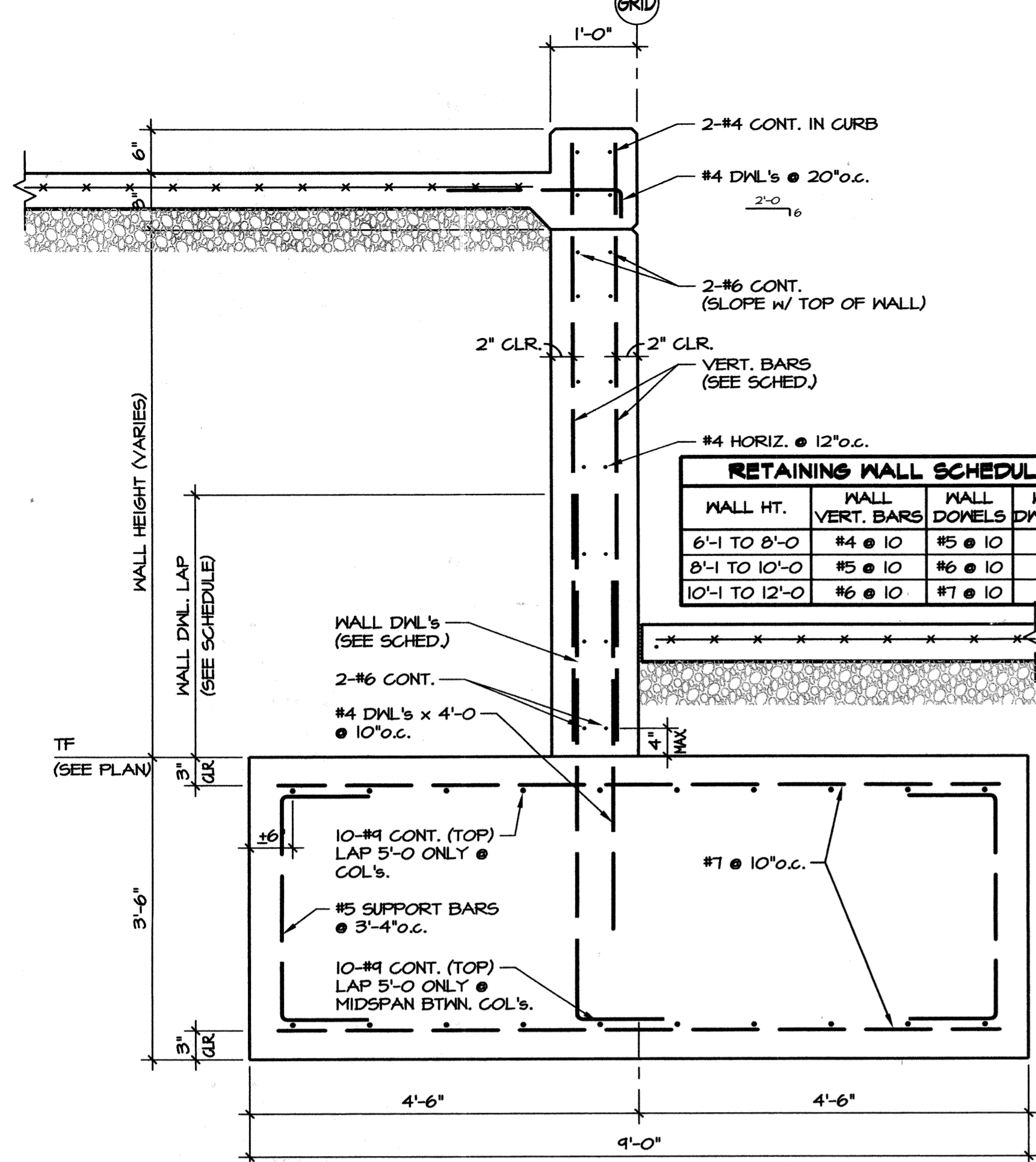


Date
25 SEPTEMBER 00
Revisions

Sheet Title
**FOUNDATION PLAN
LEVEL 1**

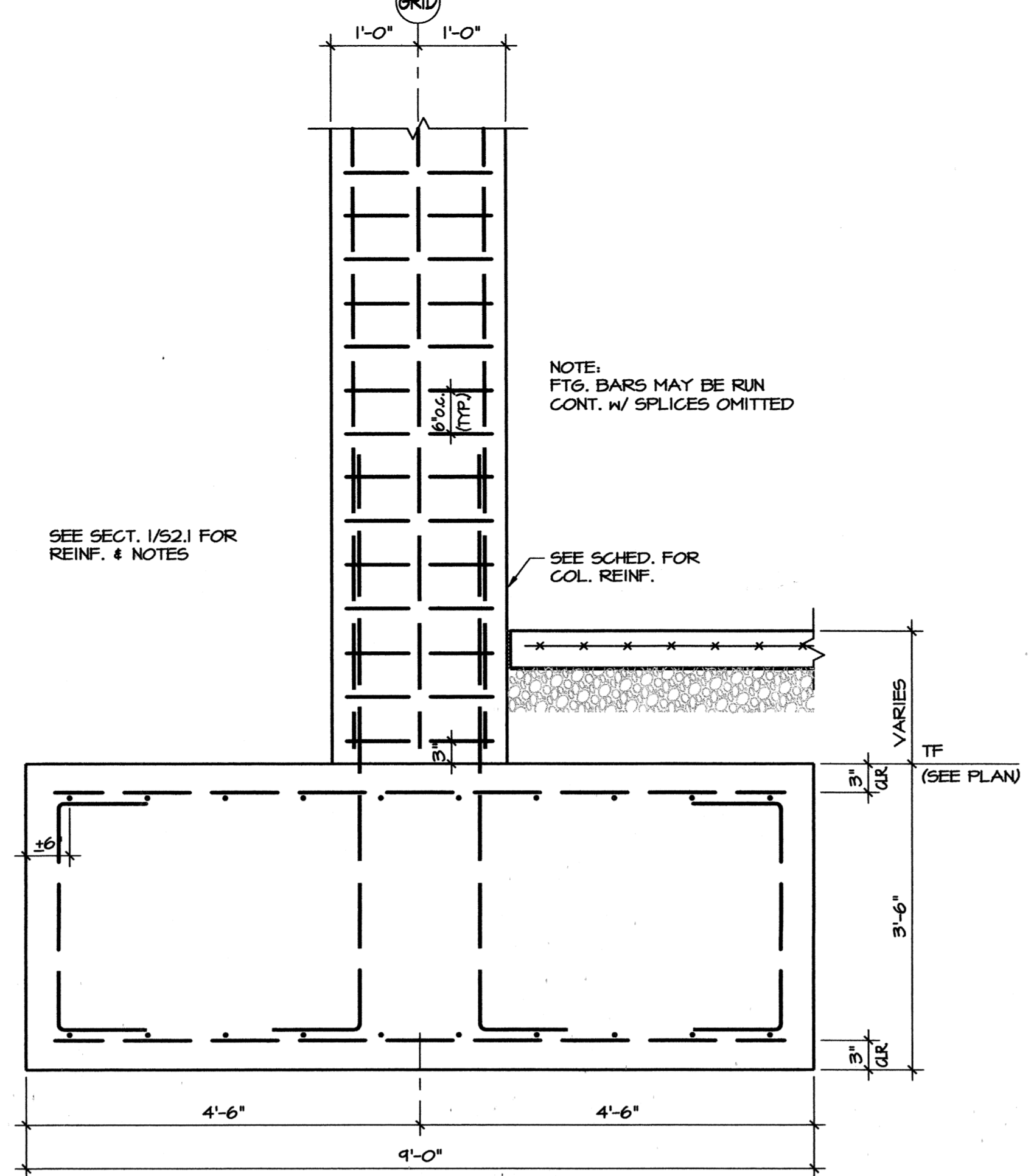
Sheet Number
S1.1

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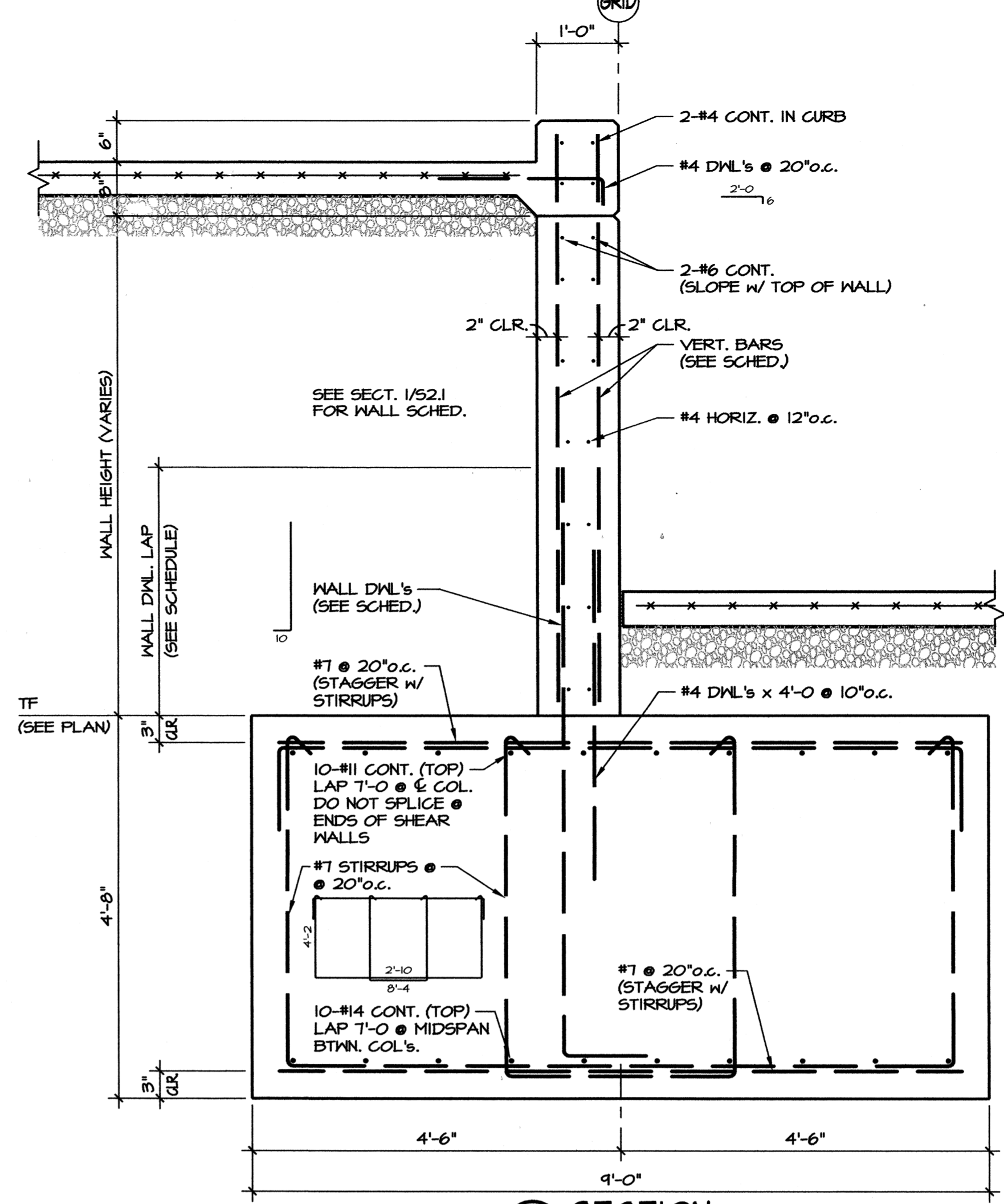


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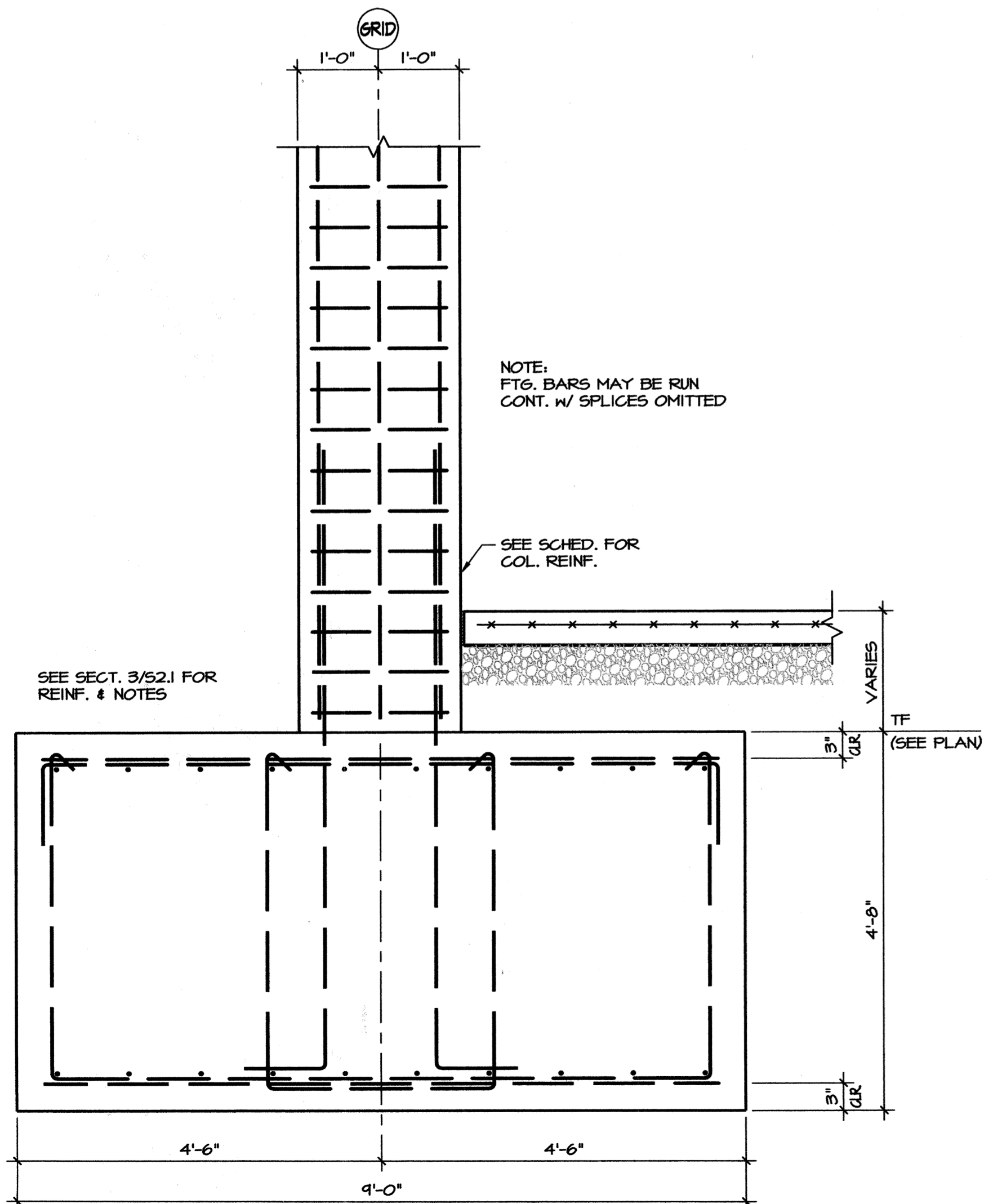
RETAINING WALL SCHEDULE			
WALL HT.	WALL VERT. BARS	WALL DONELS	WALL DNL. LAP
6'-1 TO 8'-0	#4 @ 10	#5 @ 10	3'-0
8'-1 TO 10'-0	#5 @ 10	#6 @ 10	4'-0
10'-1 TO 12'-0	#6 @ 10	#7 @ 10	5'-0



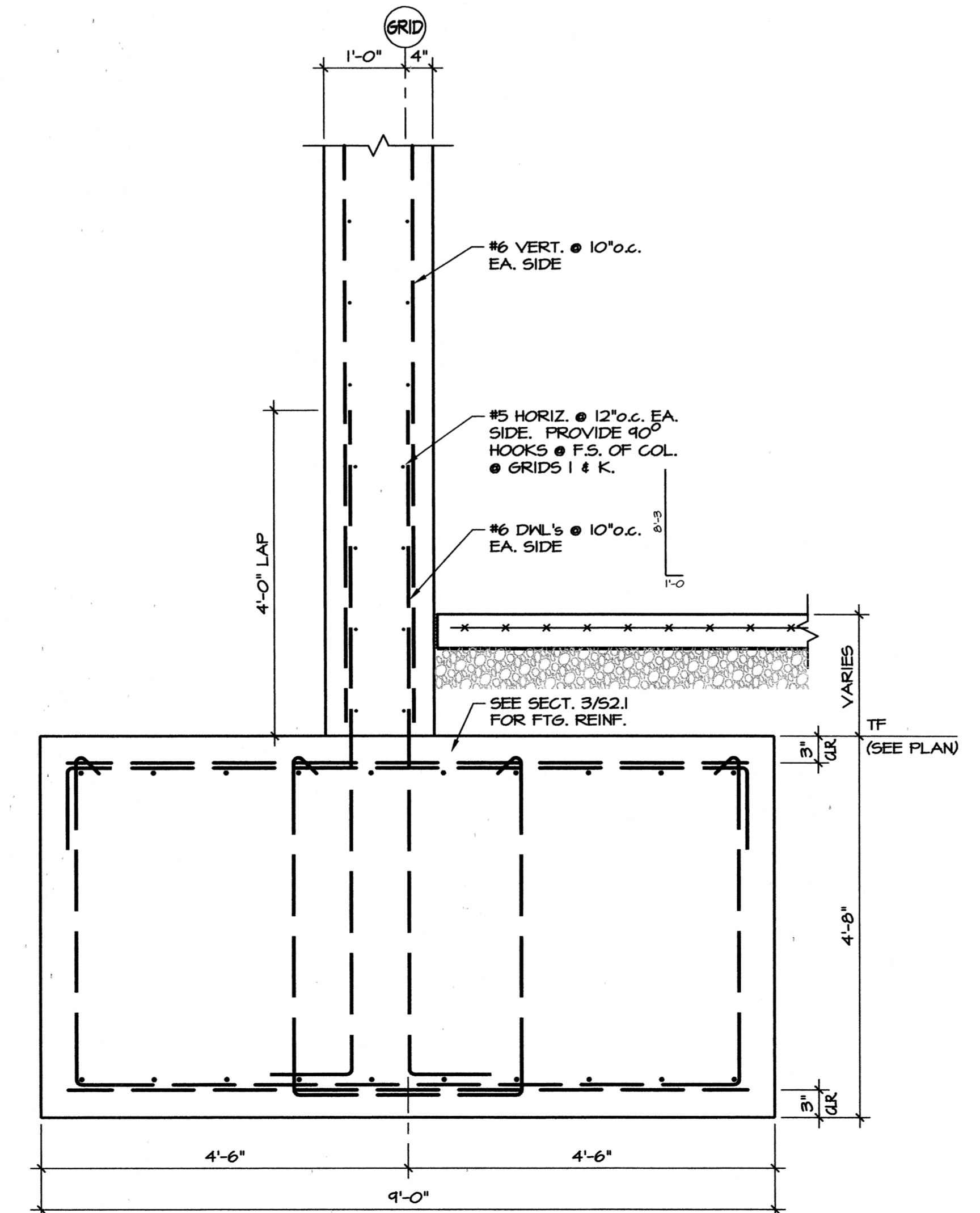
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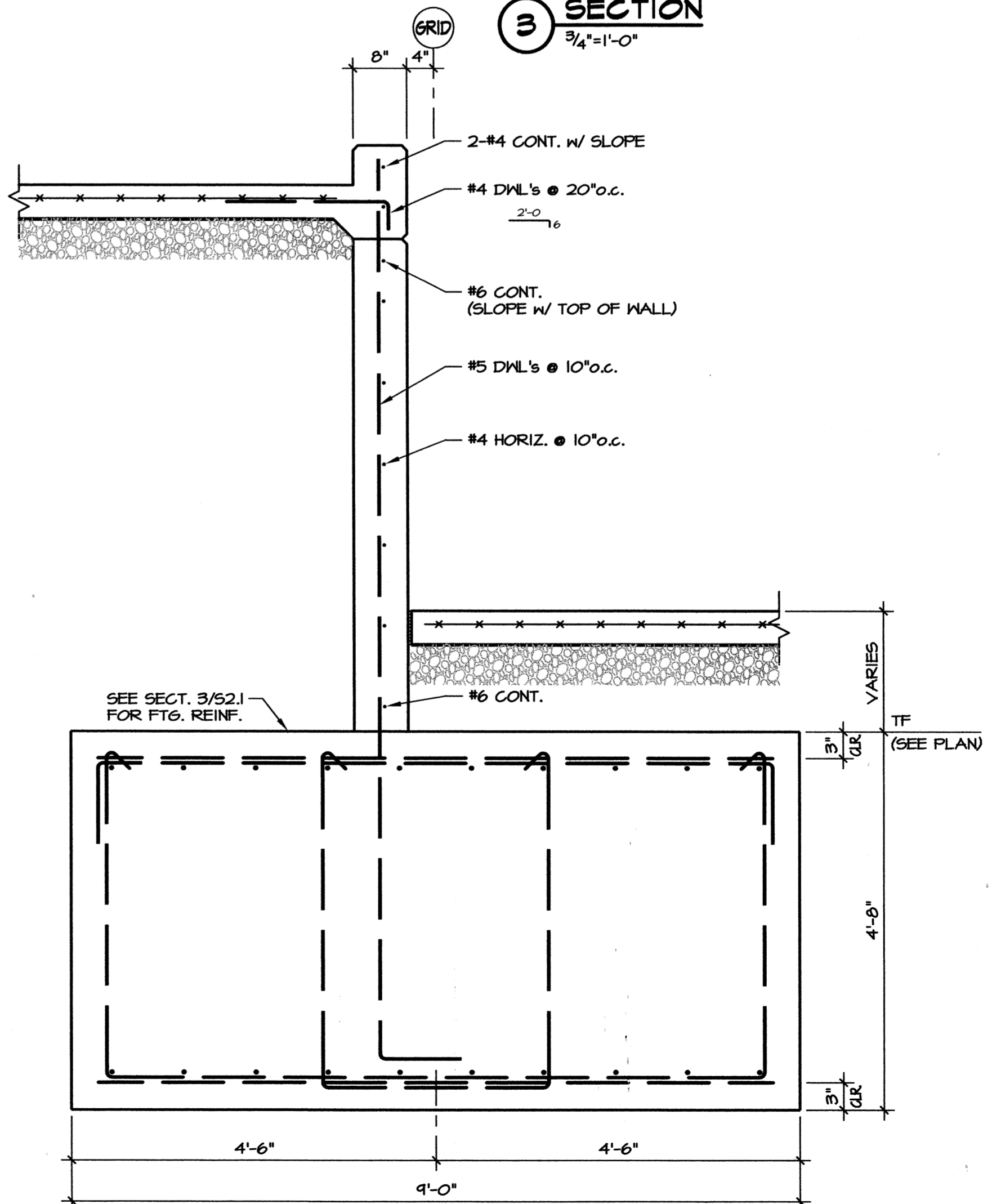
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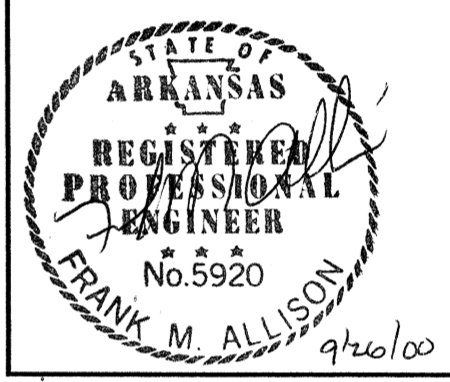
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5 SECTION
3/4"=1'-0"



6 SECTION
3/4"=1'-0"



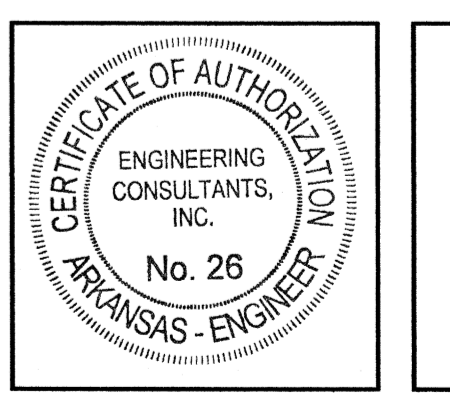
Materials Keying

**A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY**
JONESBORO, ARKANSAS

JOB NUMBER 9914

**BROOKS JACKSON
ARCHITECTS**
2228 Cottendale Lane Little Rock, AR 72202 (501) 664-8700

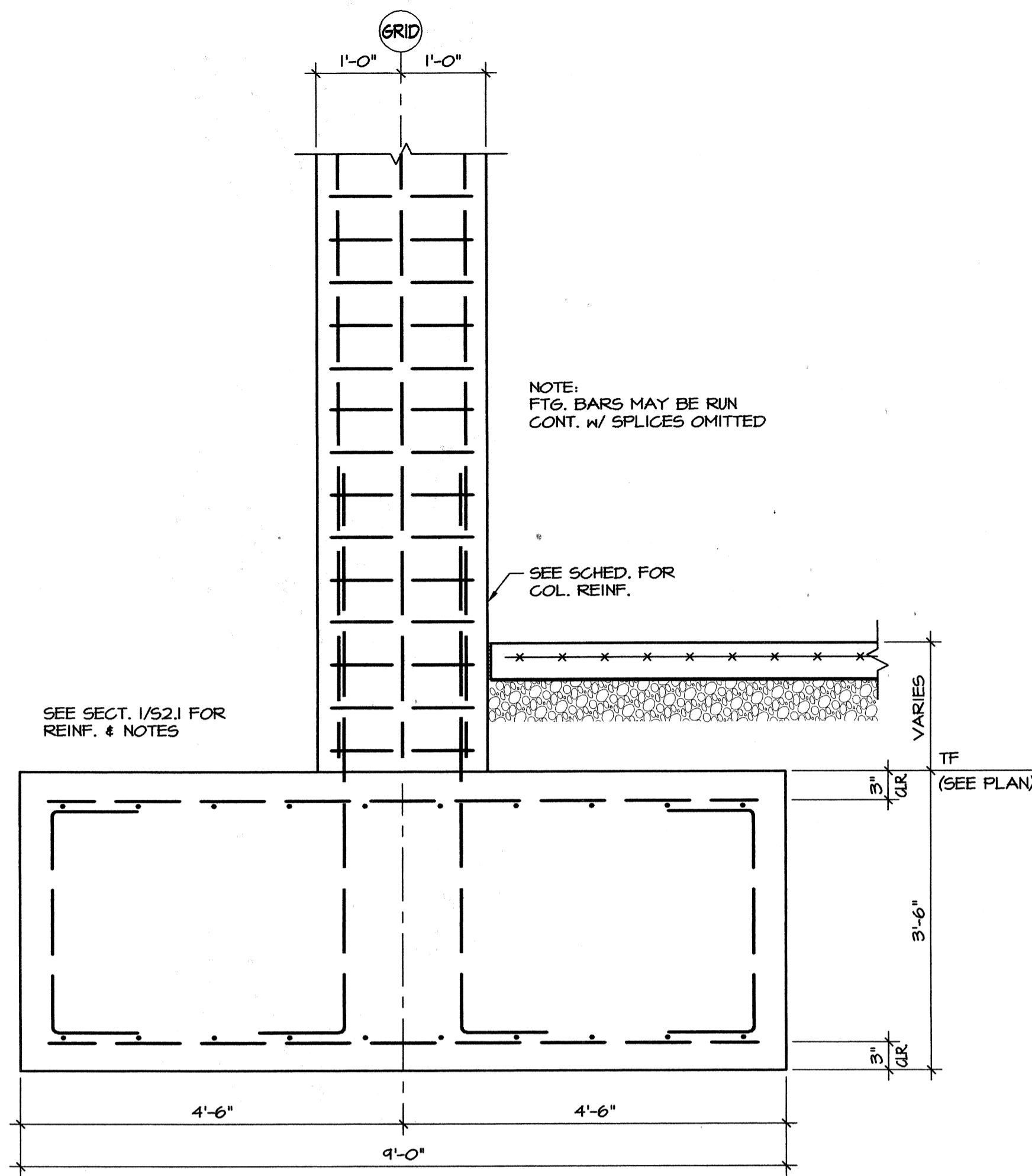
ENGINEERING CONSULTANTS, INC.
401 West Capitol Avenue Suite 305
Little Rock, Arkansas 72201 (501) 376-3752



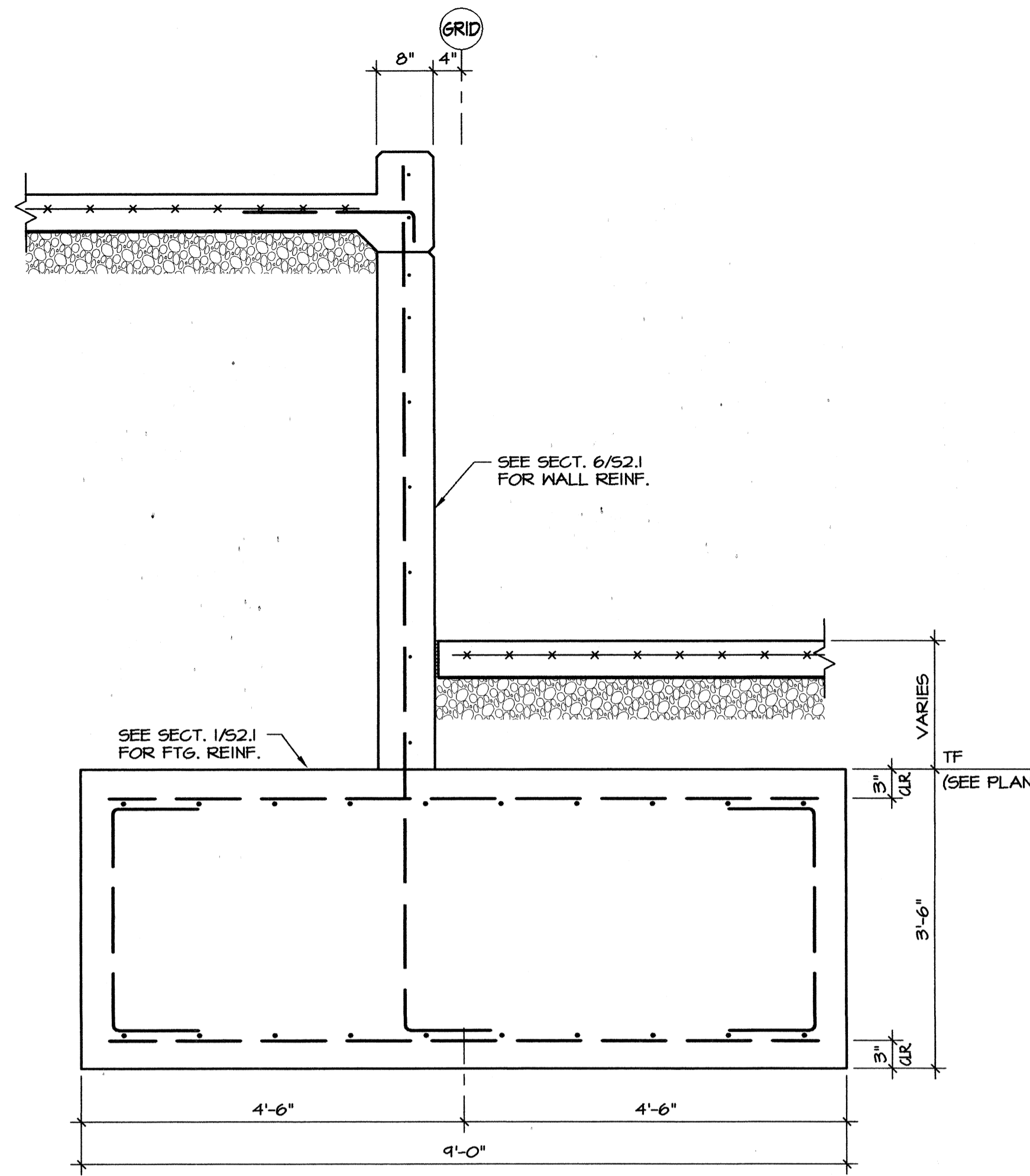
Date
25 SEPTEMBER 00
Revisions

Sheet Title
FOUNDATION DETAILS

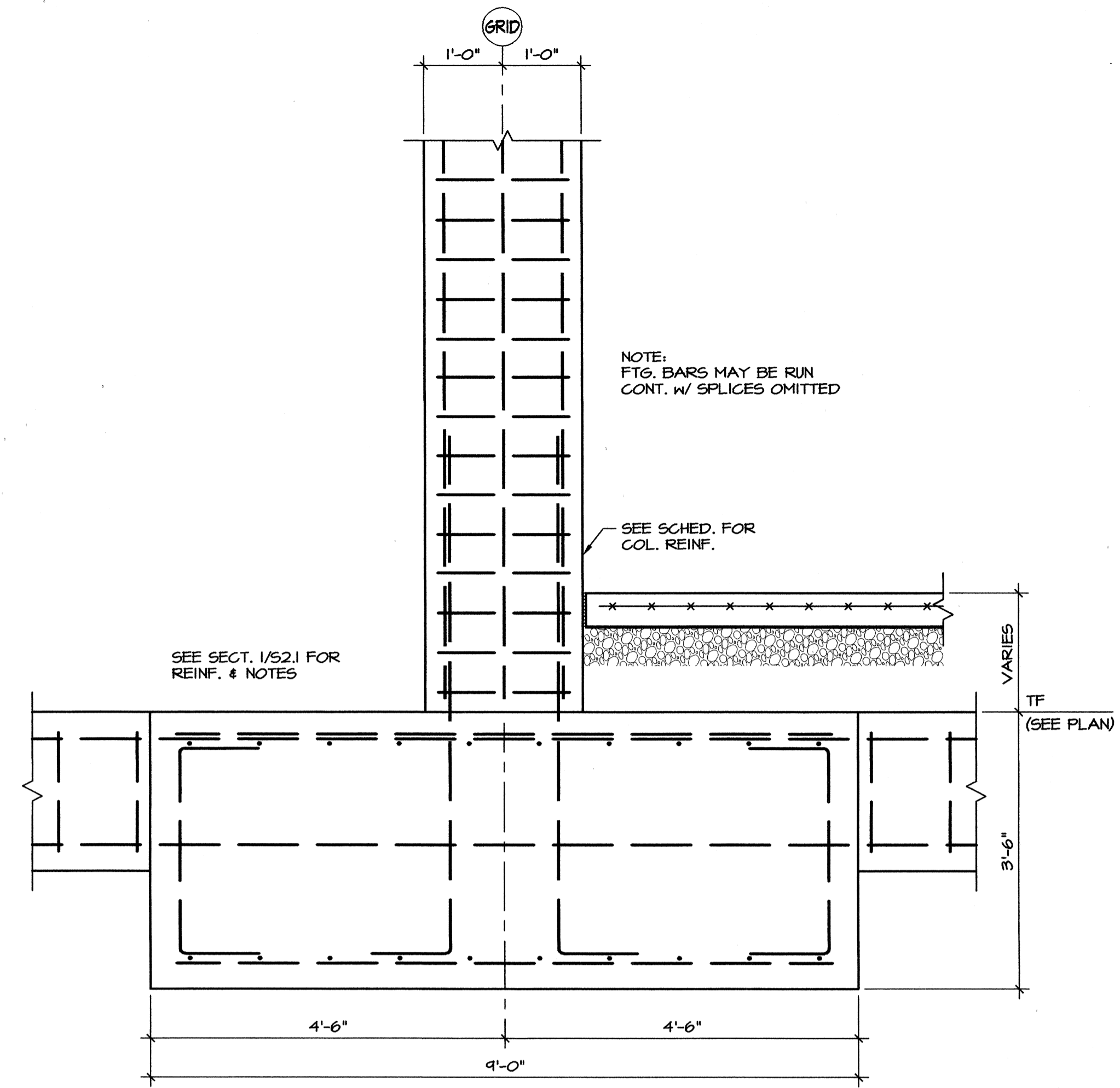
Sheet Number
S2.1



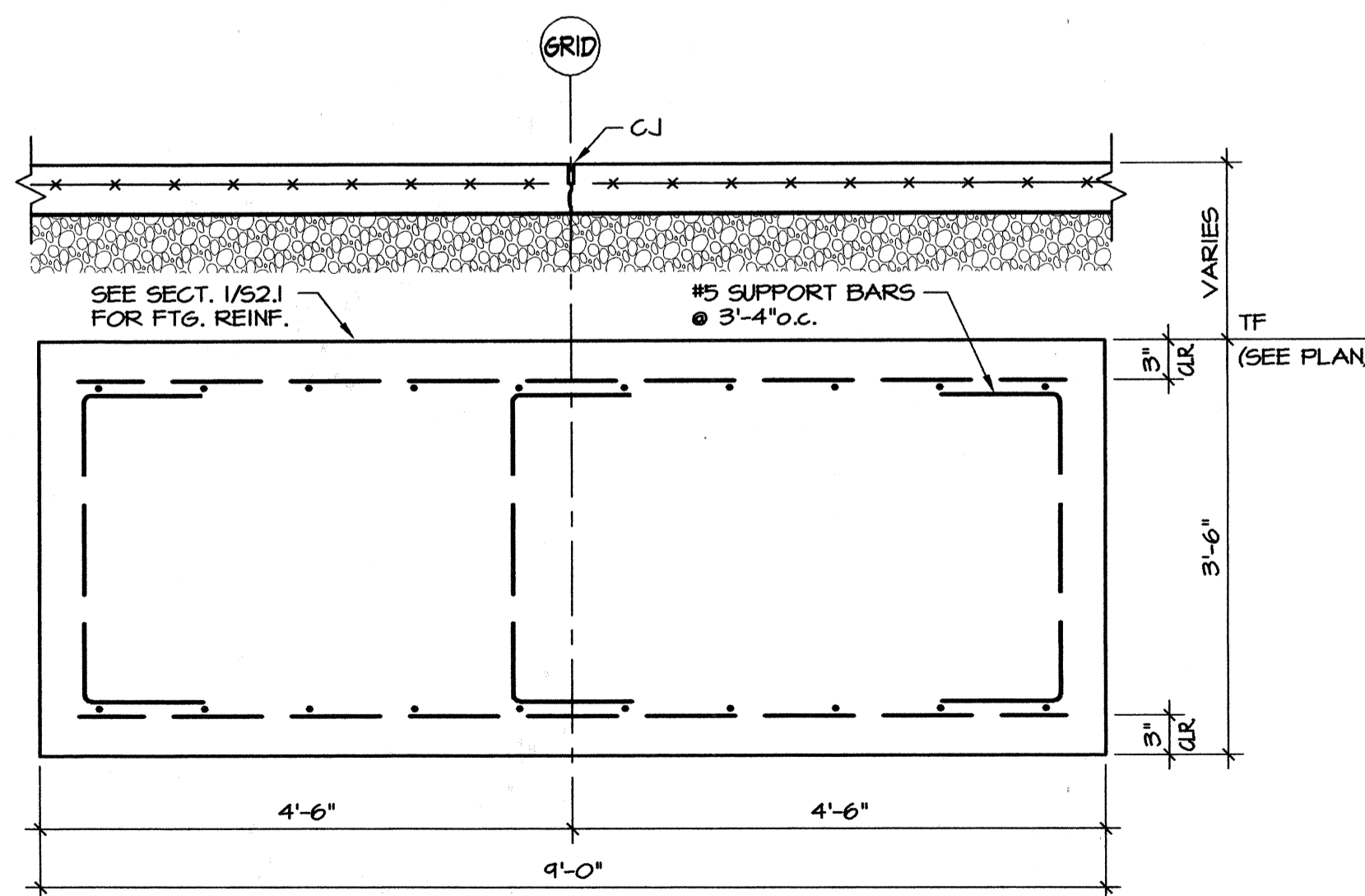
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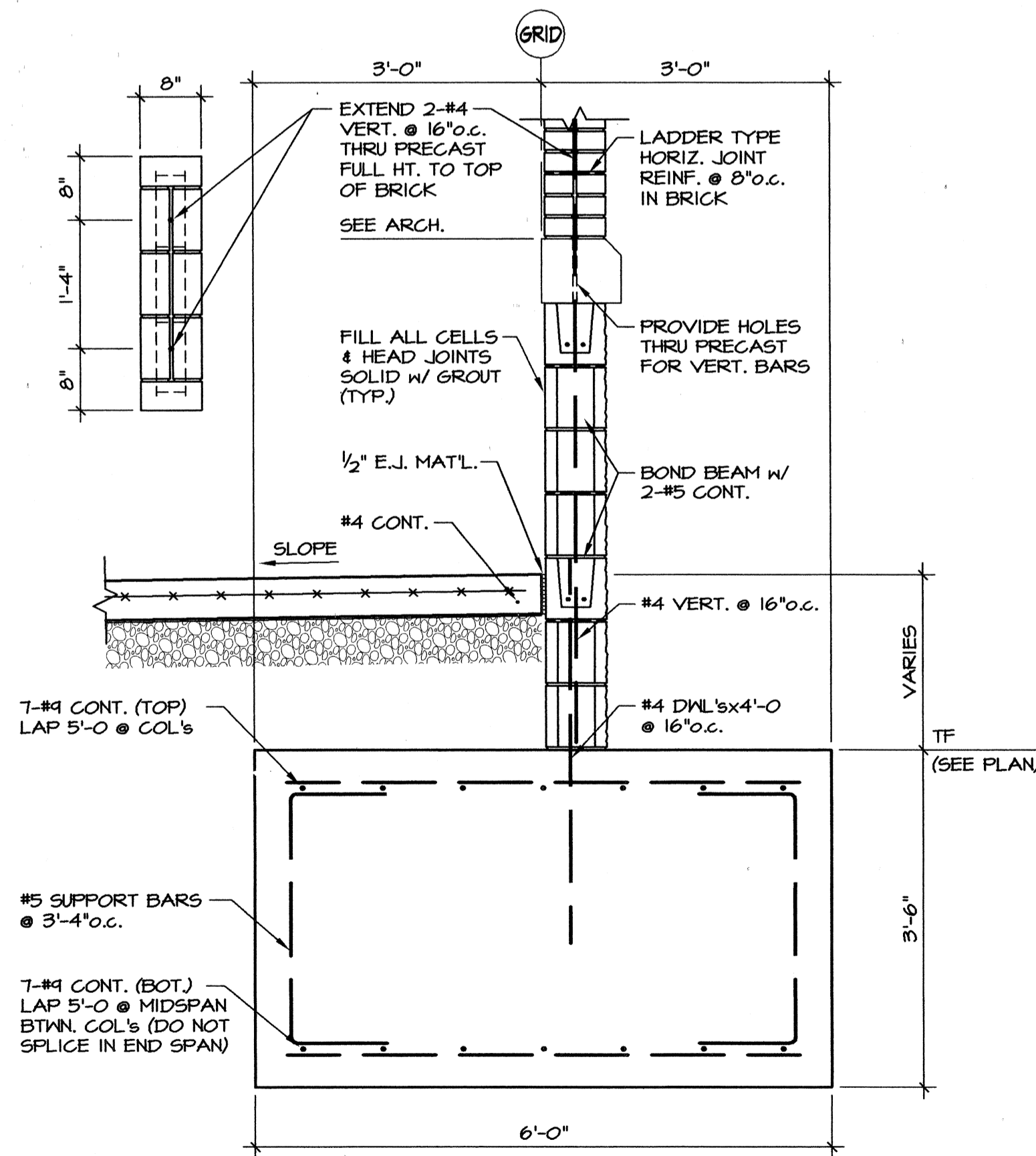
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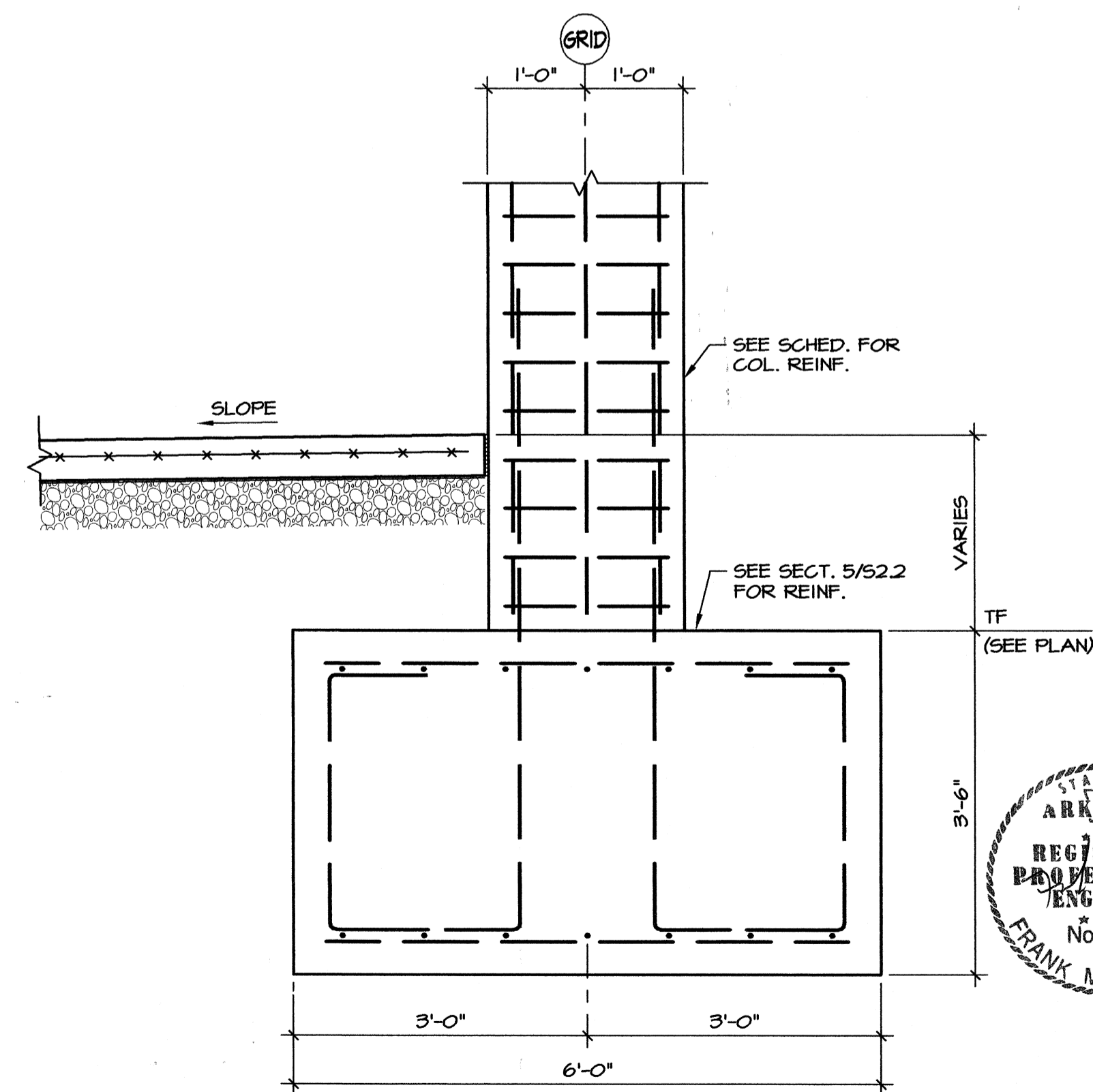
3 SECTION
3/4"=1'-0"



4 SECTION
3/4"=1'-0"



5 SECTION
3/4"=1'-0"



6 SECTION
3/4"=1'-0"

Materials Keying

A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY

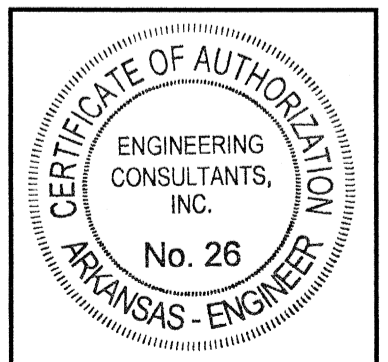
JONESBORO, ARKANSAS

JOB NUMBER 9914

**BROOKS JACKSON
ARCHITECTS**

2228 Cottendale Lane Little Rock, AR 72202 (501) 664-8700

ENGINEERING CONSULTANTS, INC.
401 West Capitol Avenue Suite 305
Little Rock, Arkansas 72201 (501) 376-3752



Date
25 SEPTEMBER 00
Revisions

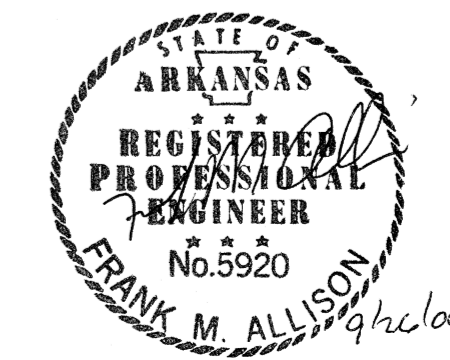
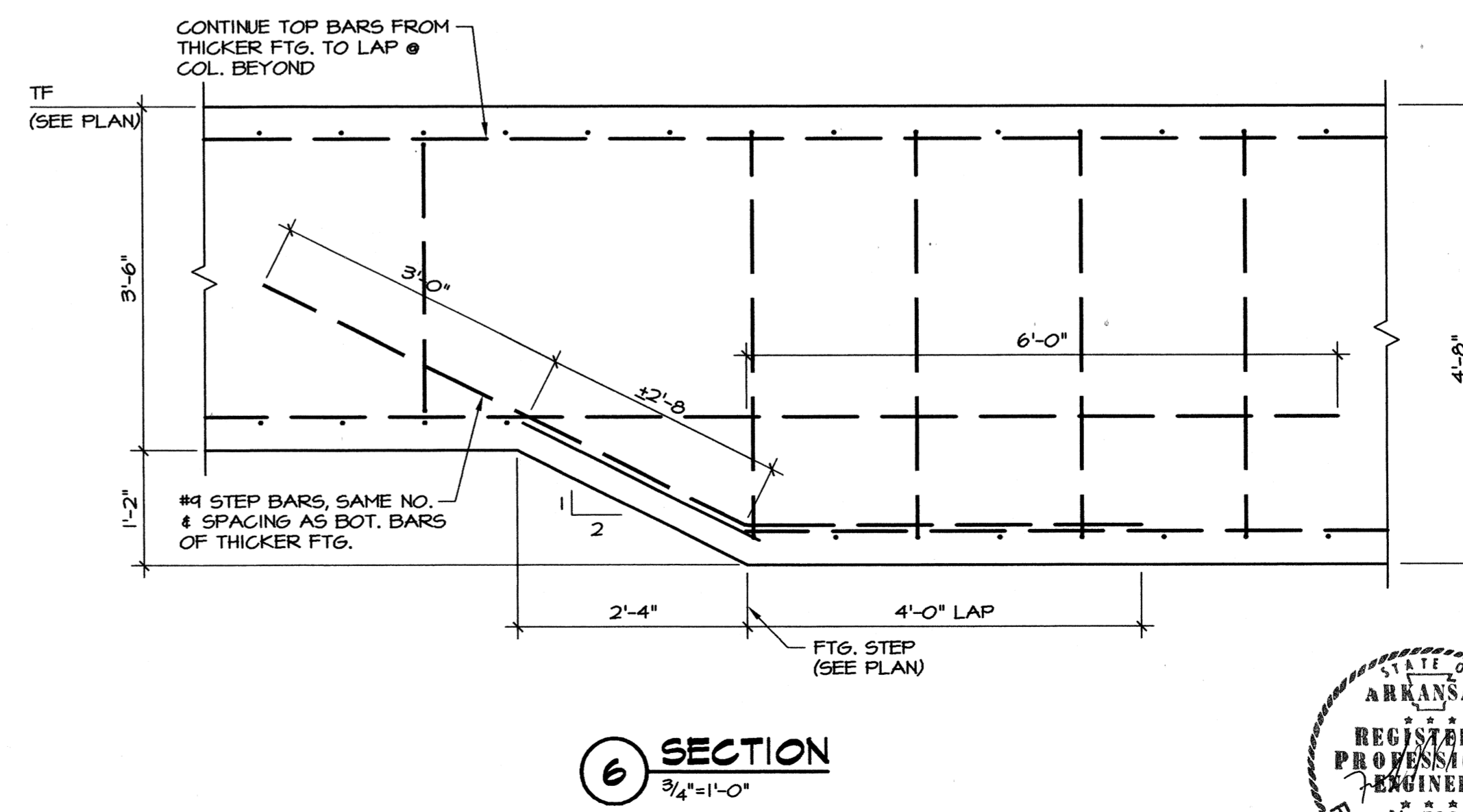
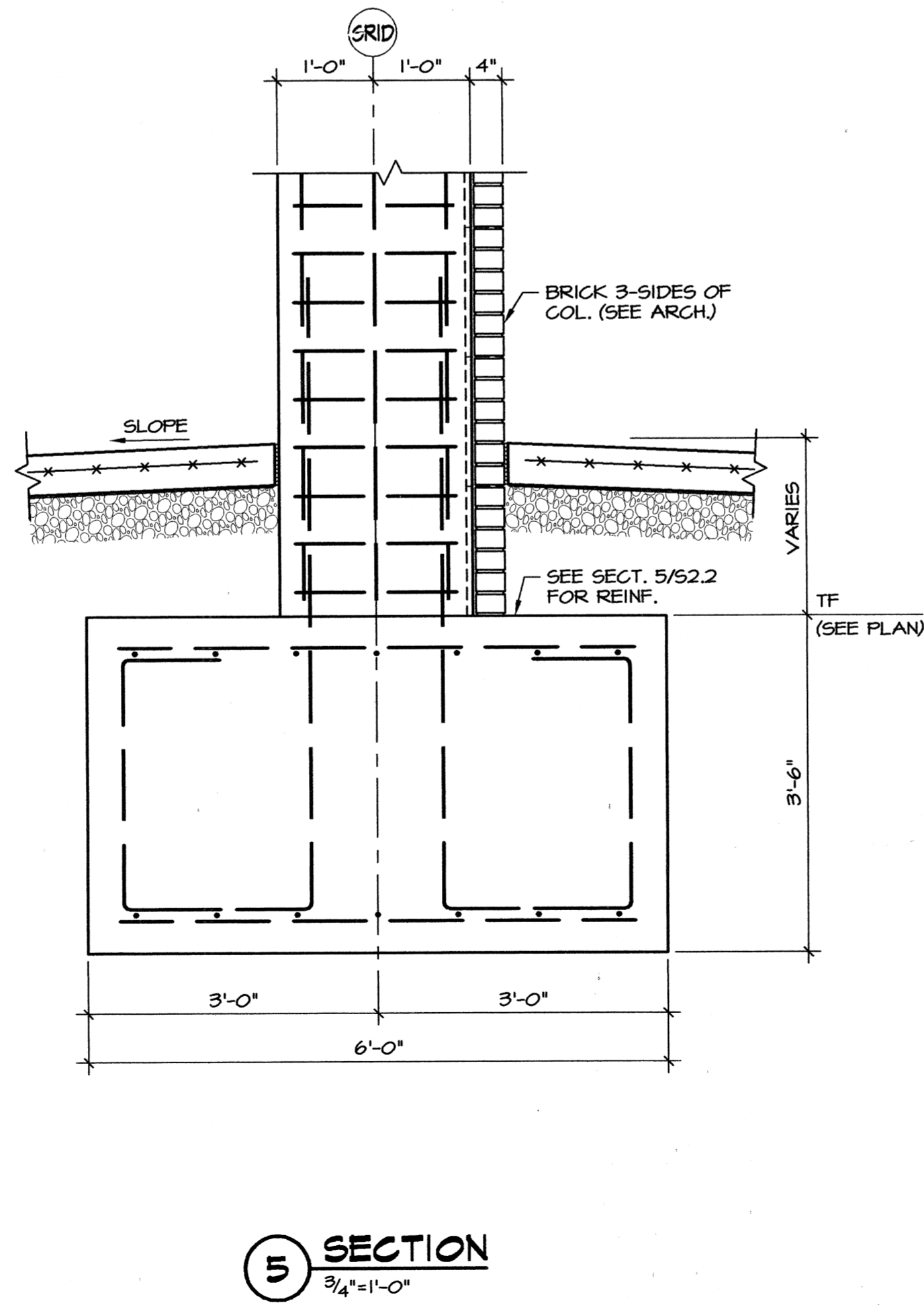
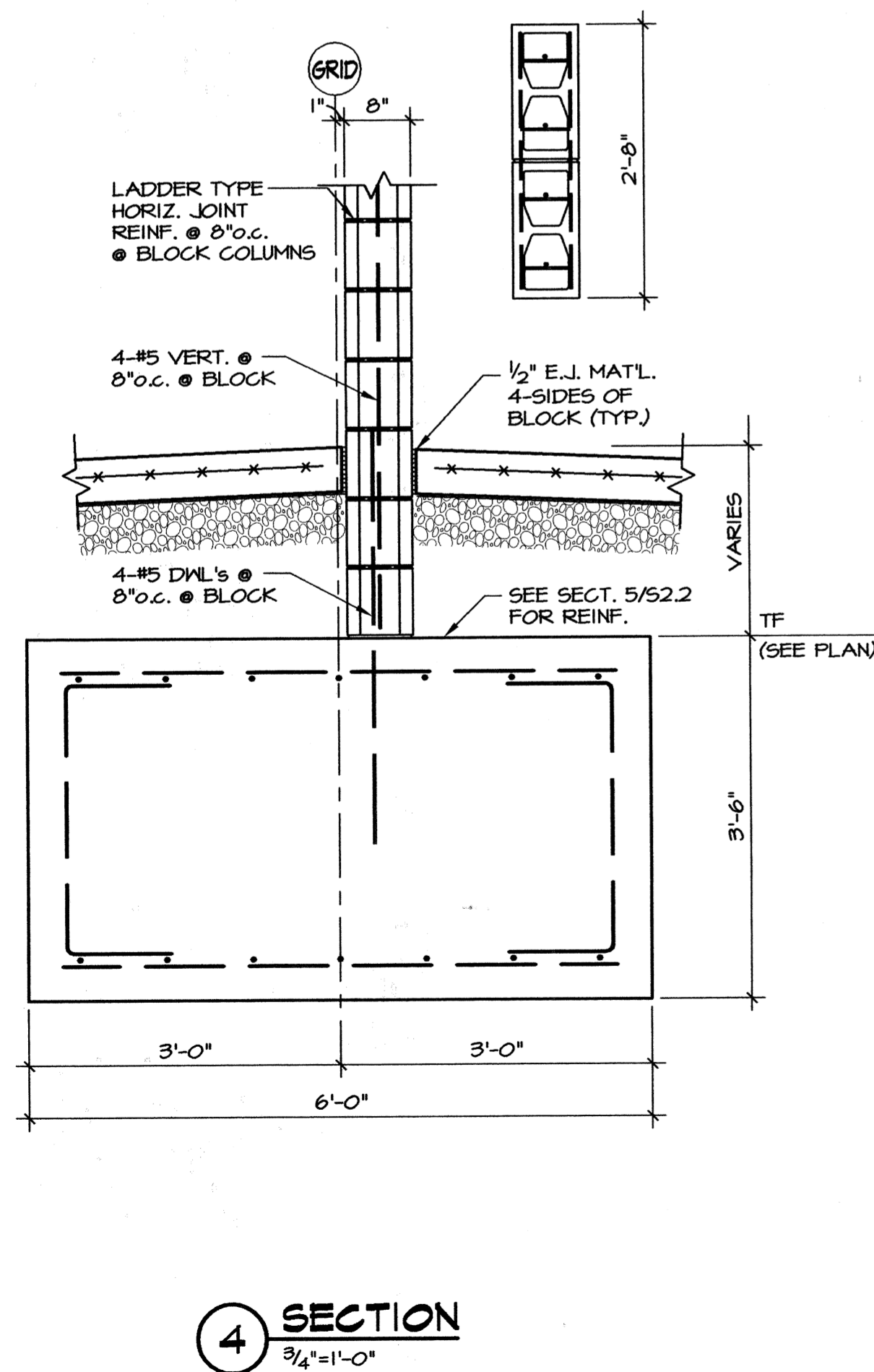
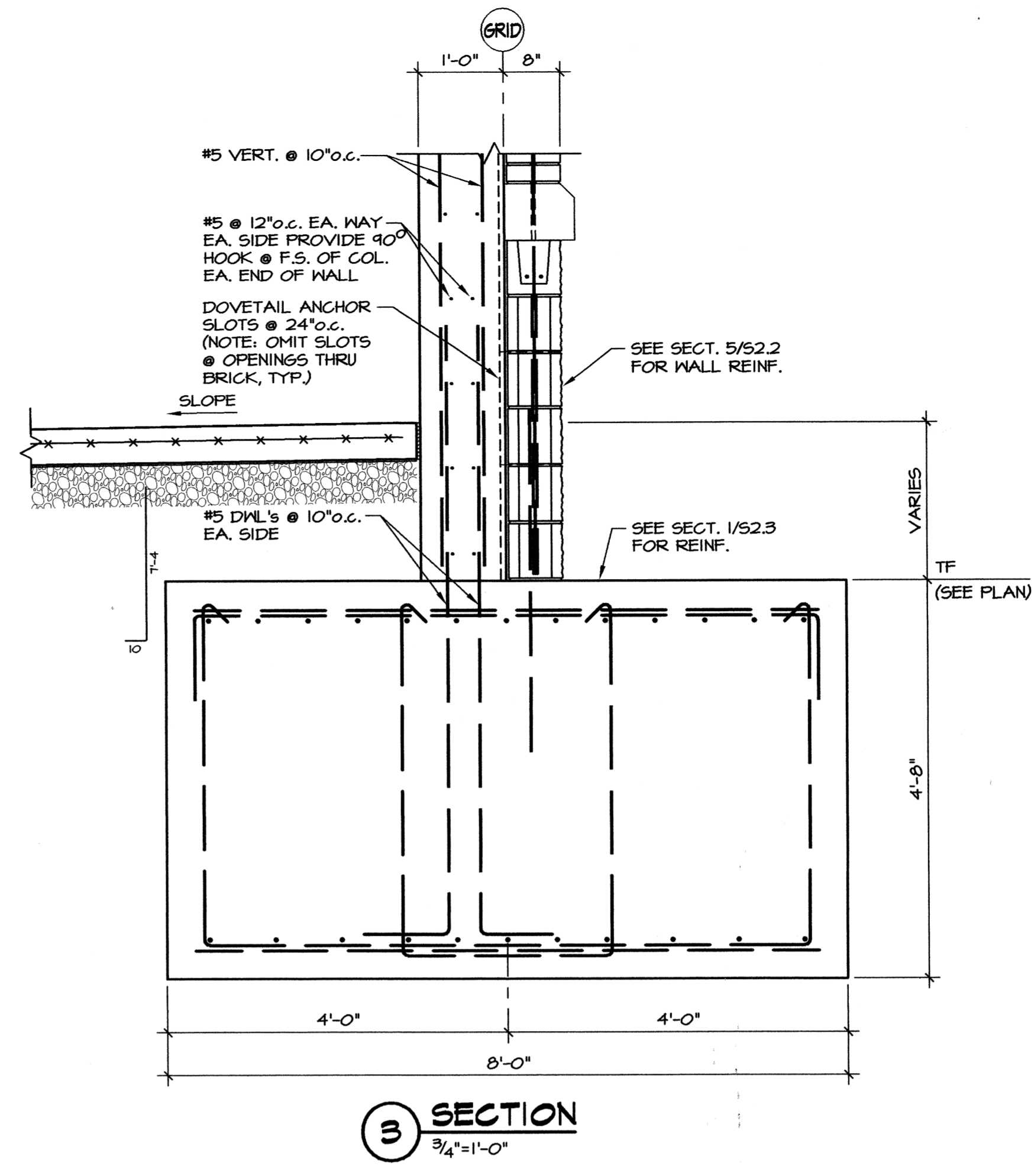
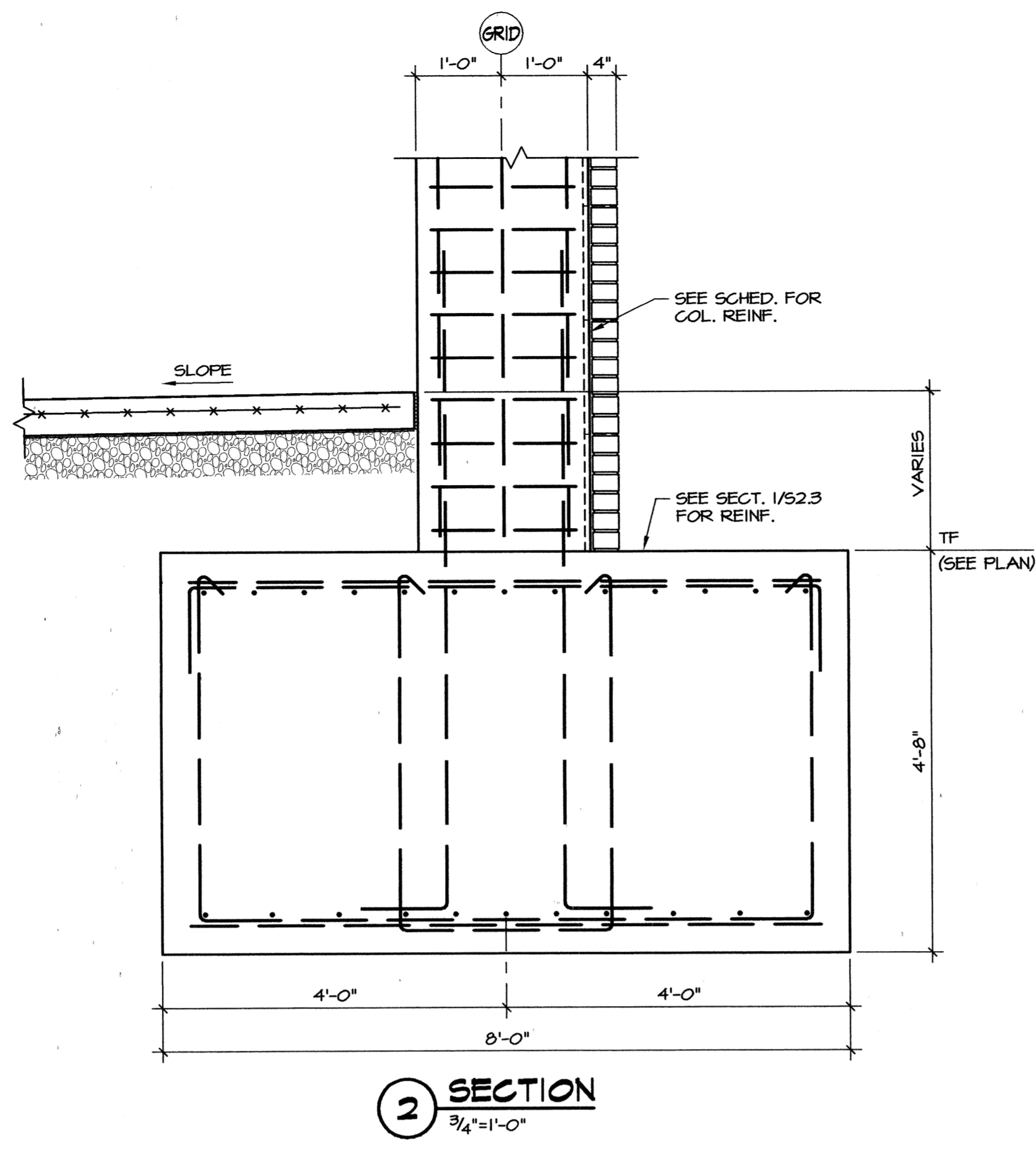
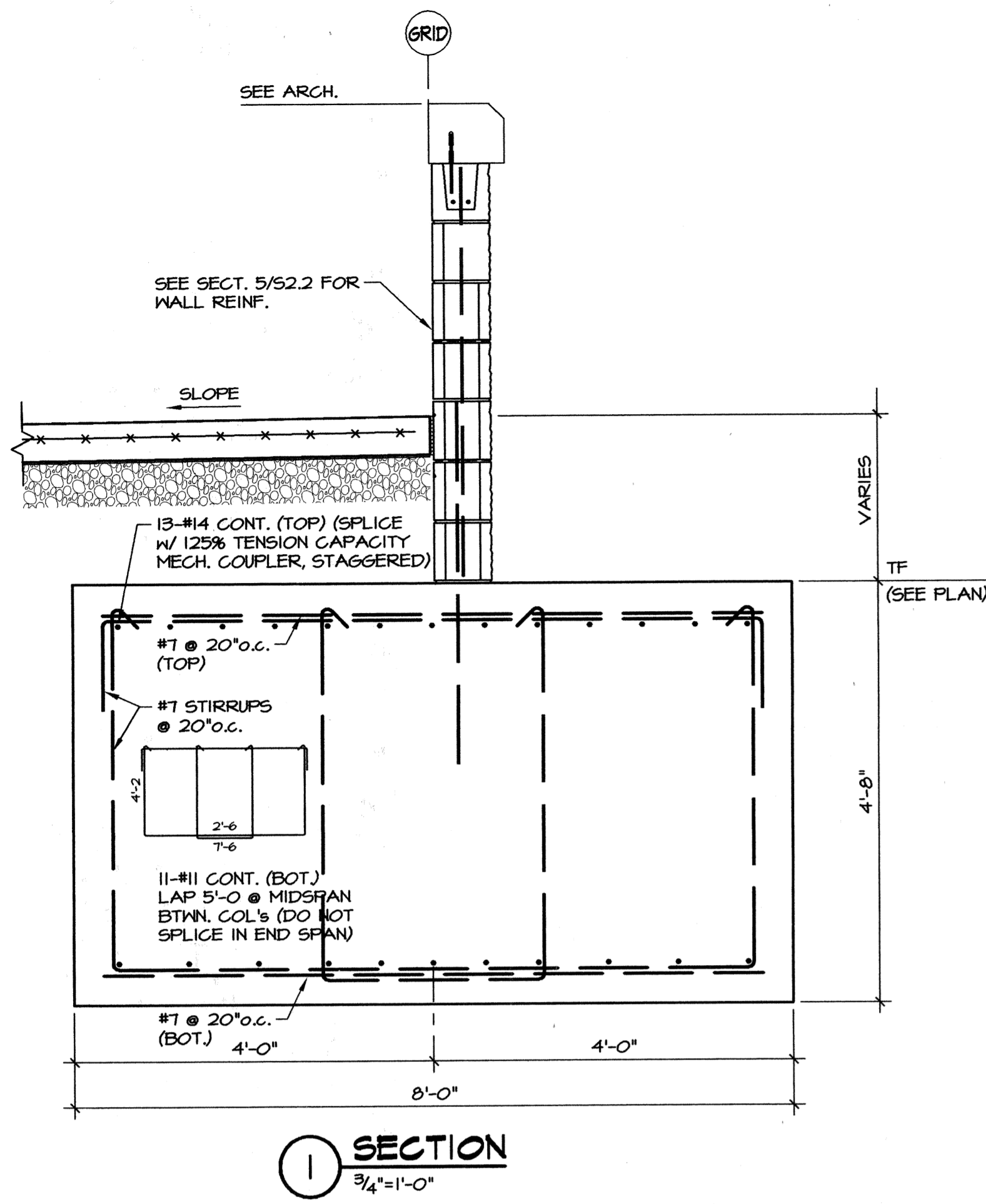
Sheet Title

FOUNDATION DETAILS

Sheet Number

S2.2

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Materials Keying

A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY

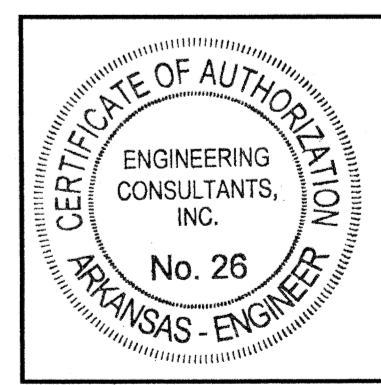
JONESBORO, ARKANSAS

JOB NUMBER 9914

**BROOKS JACKSON
ARCHITECTS**

2228 Cottendale Lane Little Rock, AR 72202 (501) 664-8700

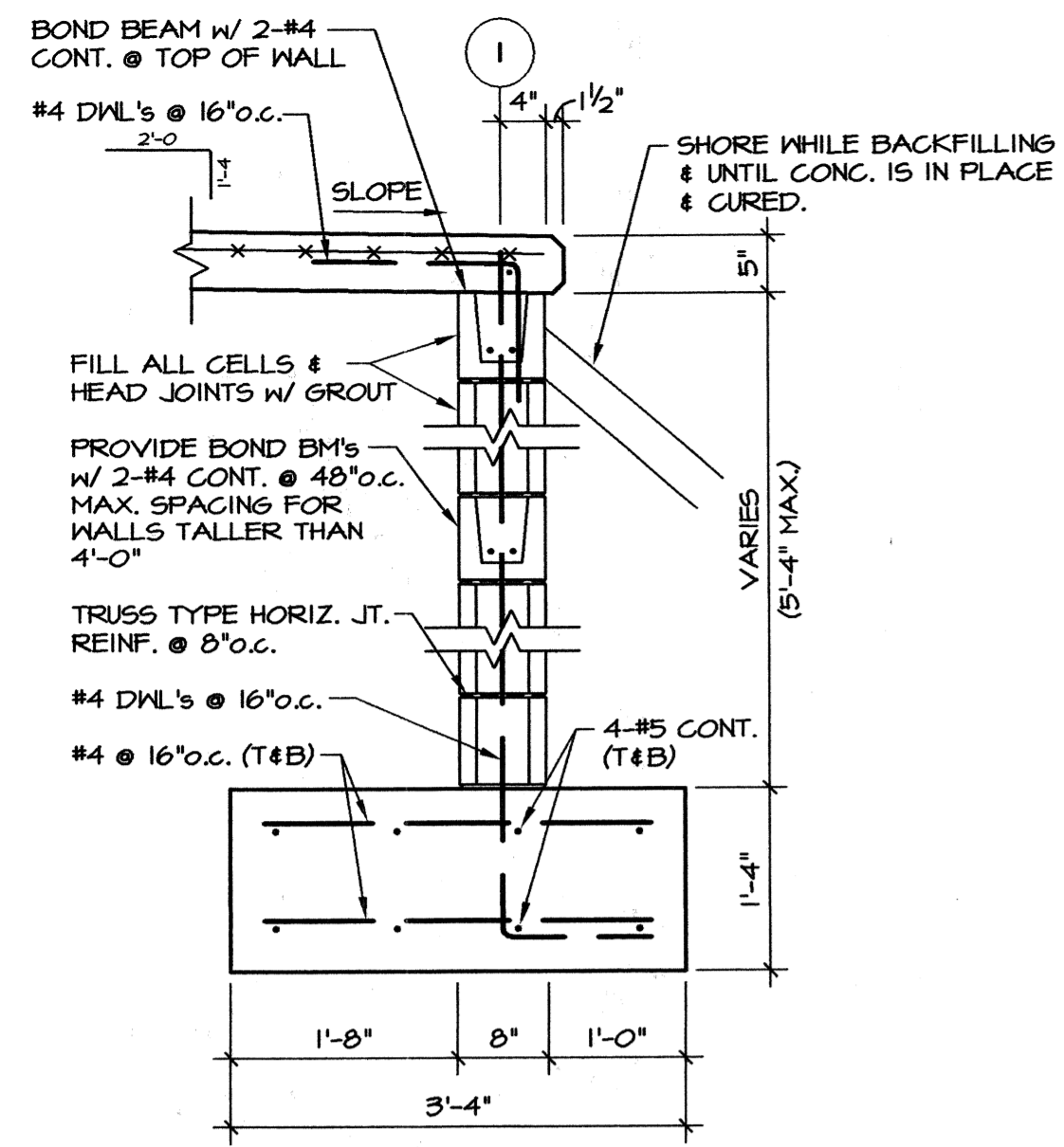
ENGINEERING CONSULTANTS, INC.
401 West Capitol Avenue Suite 305
Little Rock, Arkansas 72201 (501) 376-3752



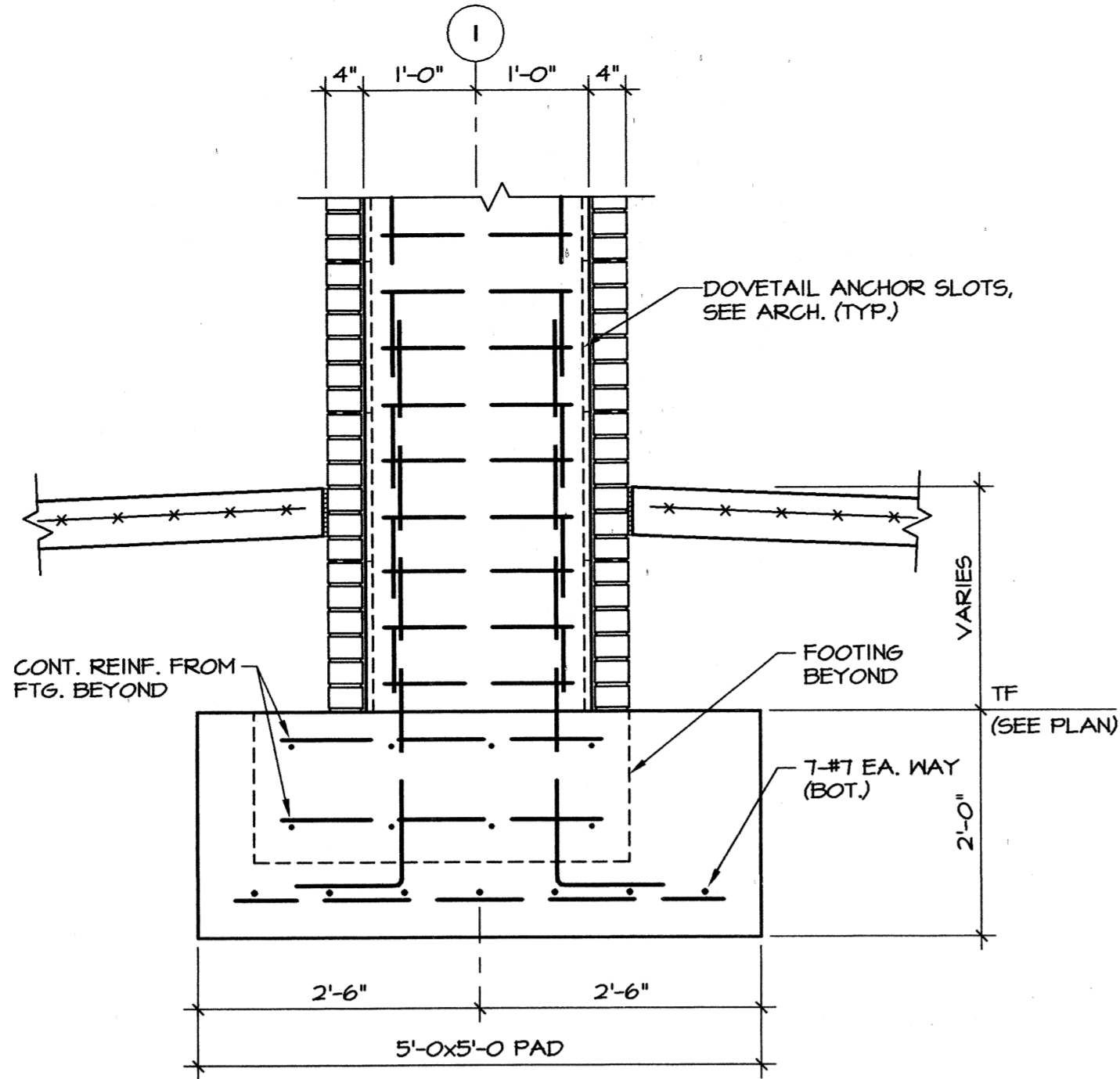
Date
25 SEPTEMBER 00
Revisions

Sheet Title
FOUNDATION DETAILS

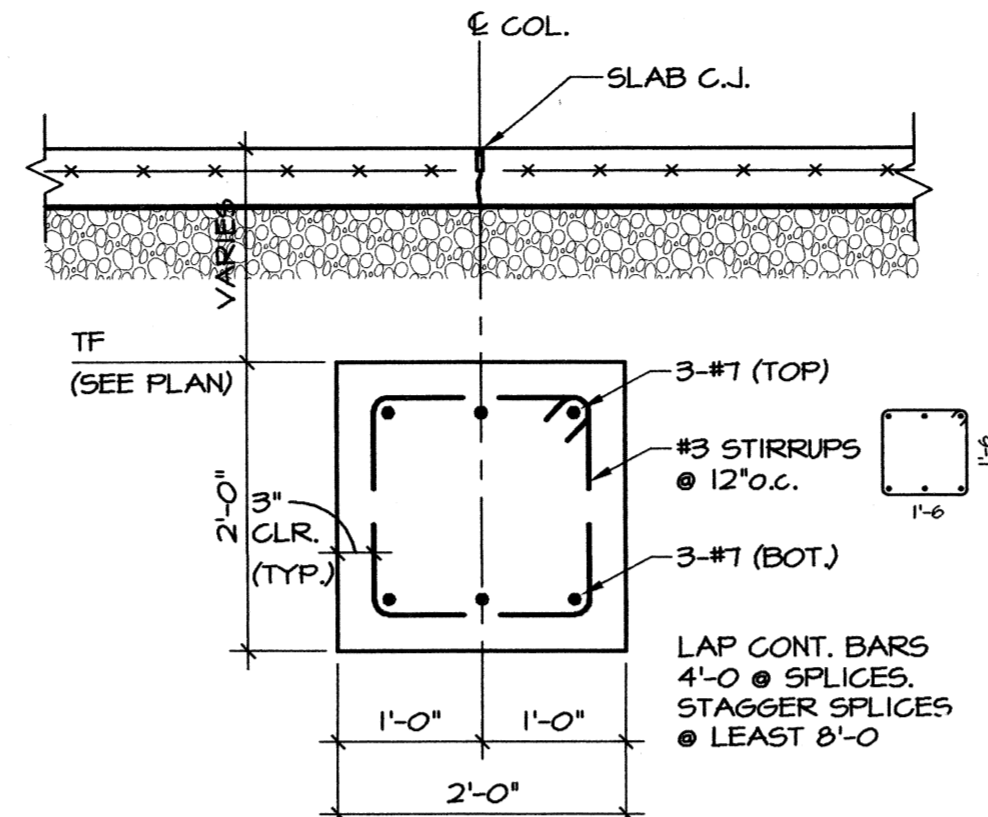
Sheet Number
S2.3



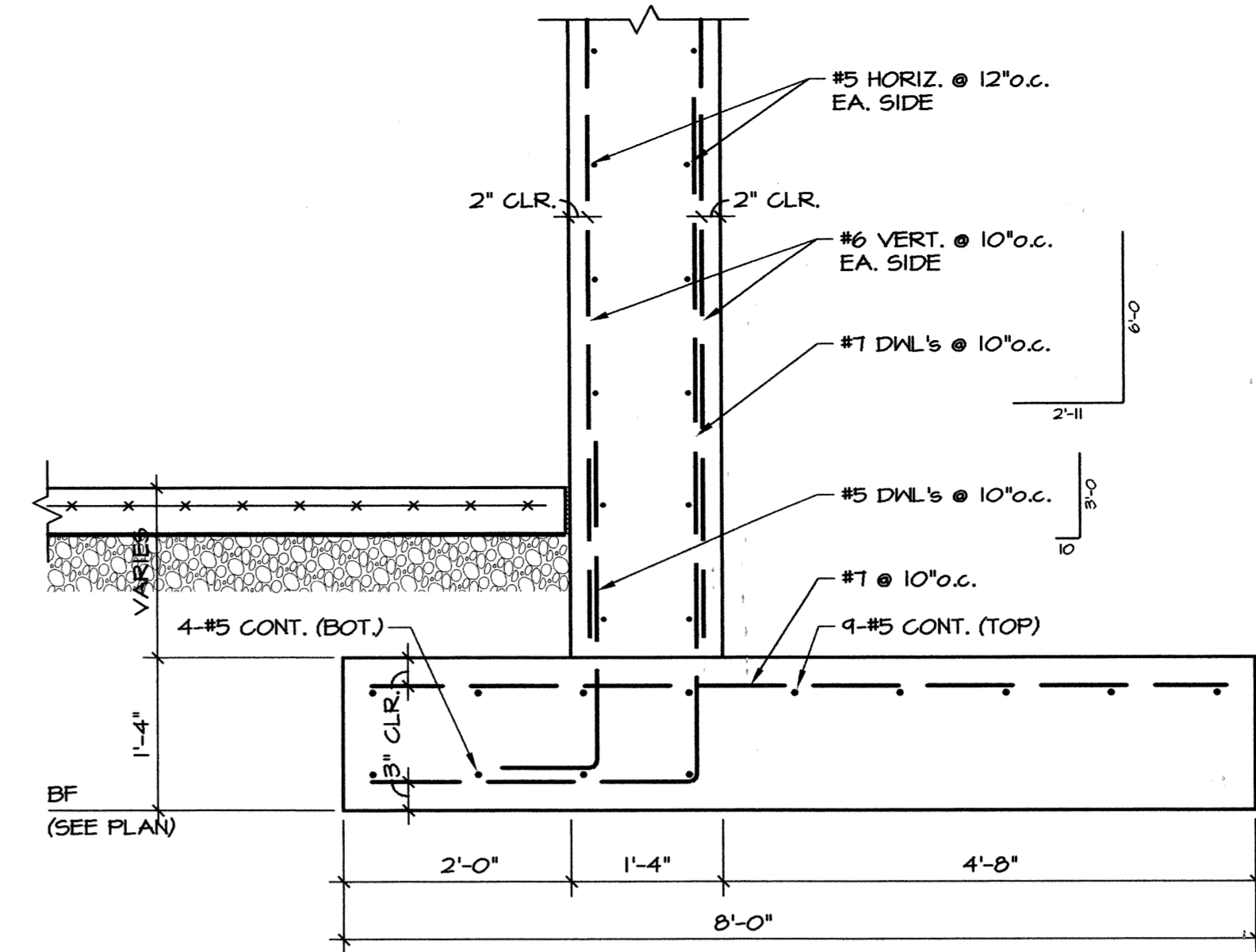
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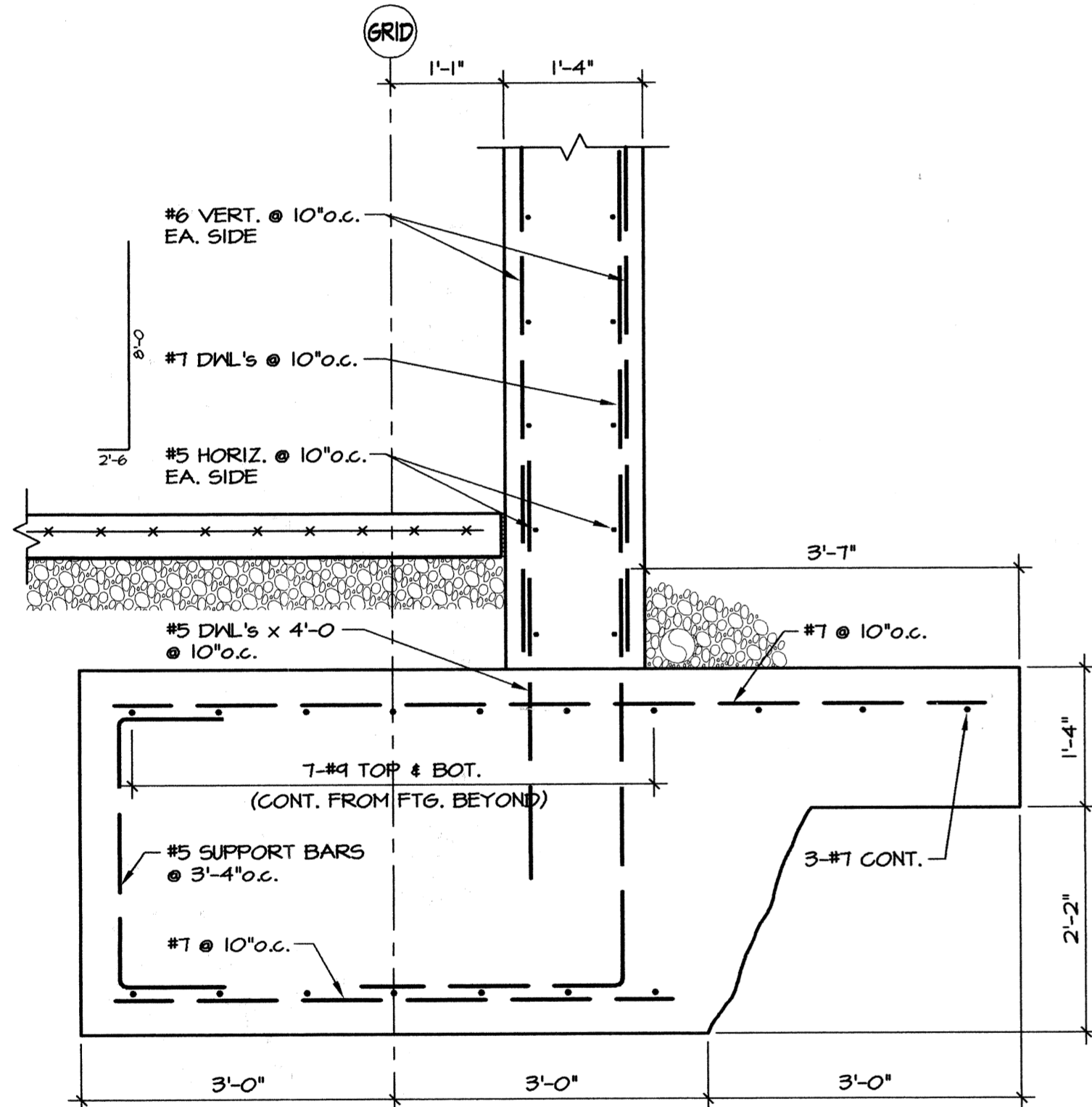
2 SECTION
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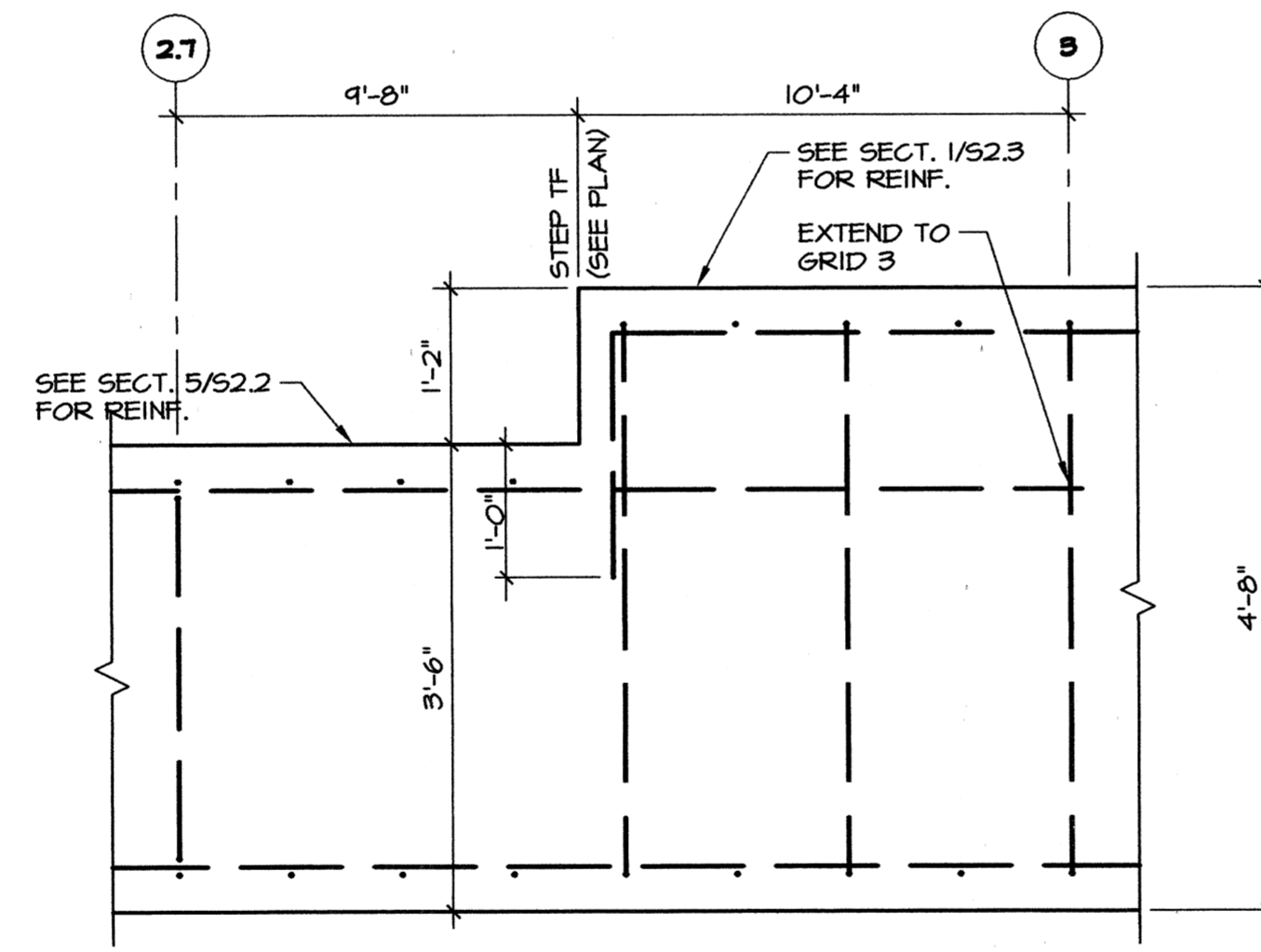
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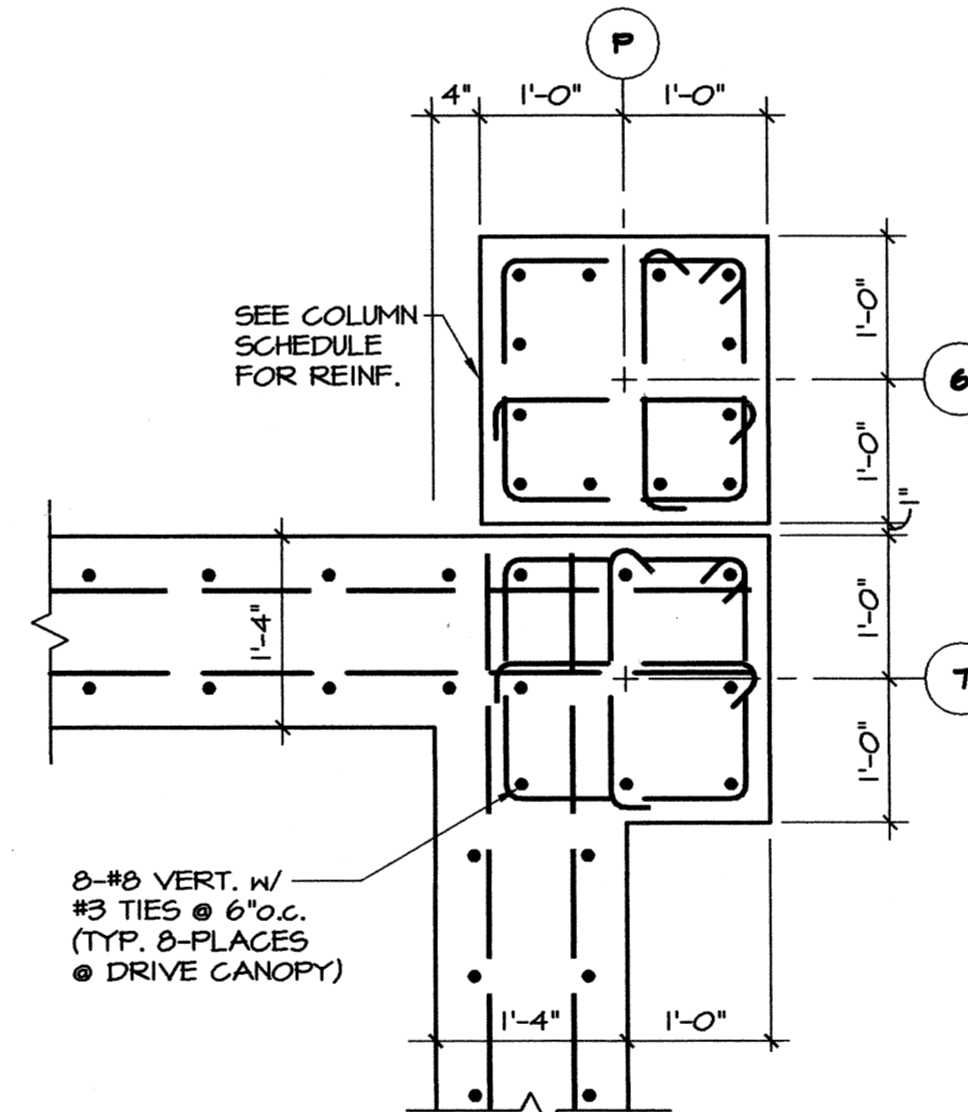
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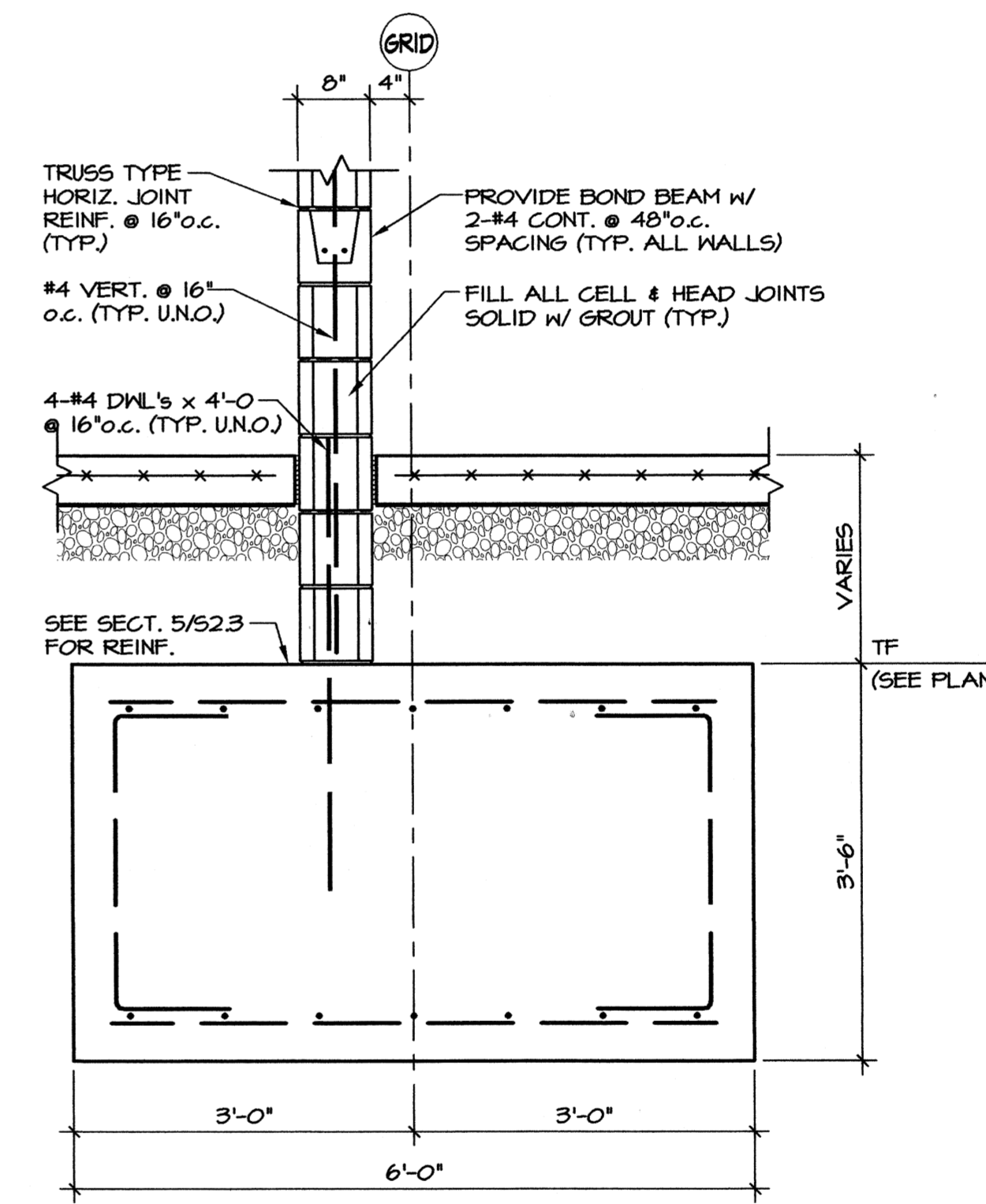
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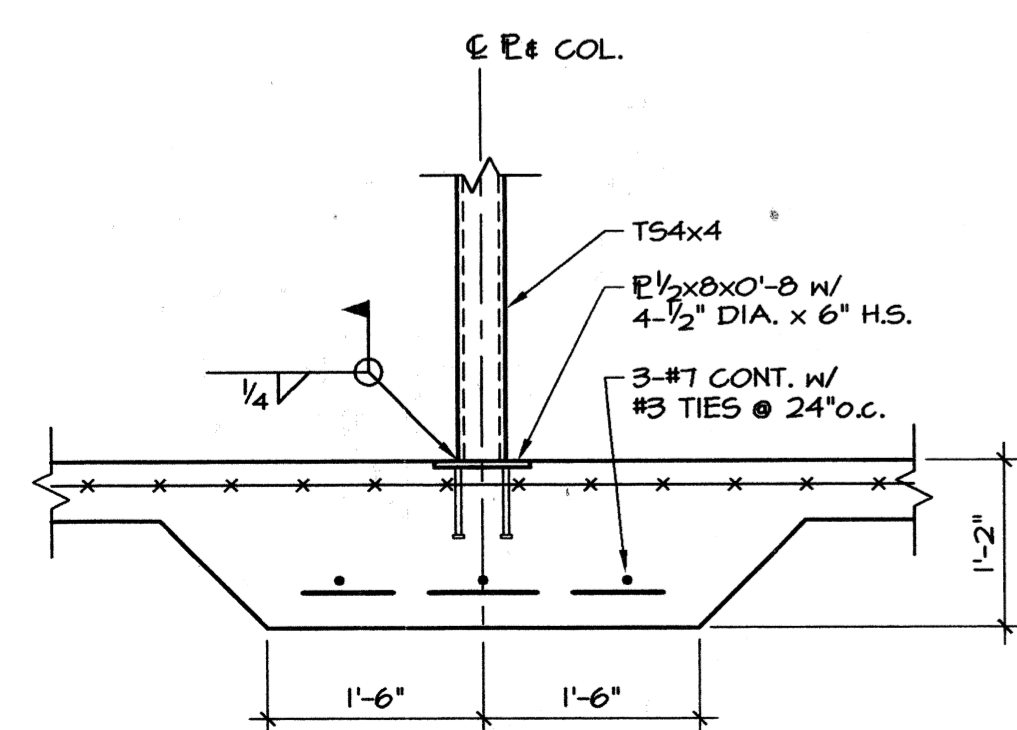
6 SECTION
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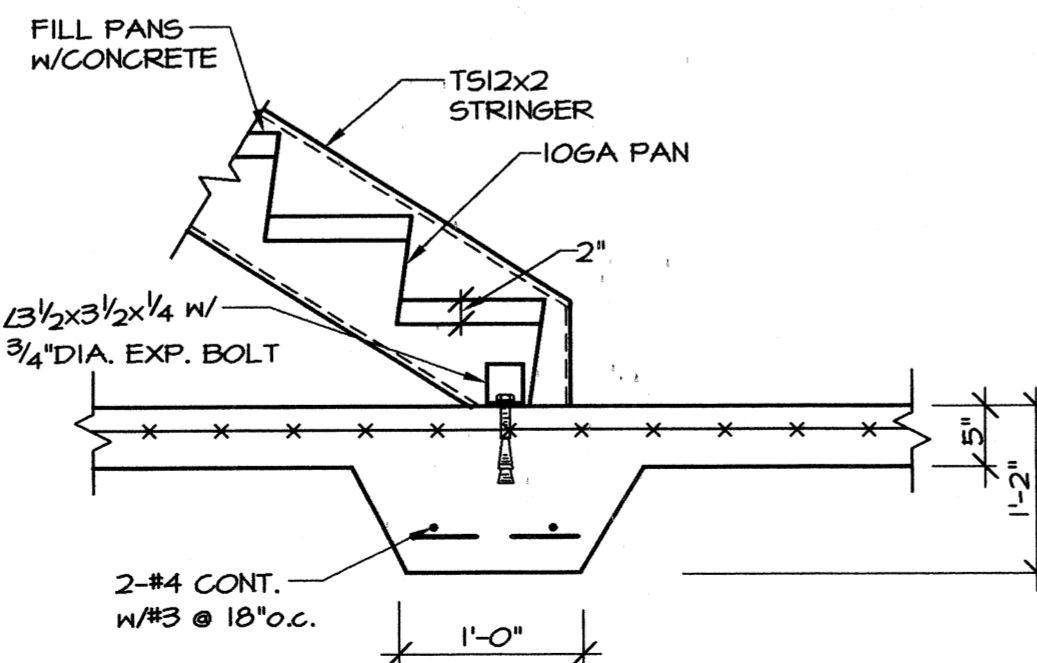
7 SECTION
3/4"=1'-0"



8 SECTION
3/4"=1'-0"



9 SECTION
3/4"=1'-0"



10 TYP. THICKENED SLAB @ STAIR
3/4"=1'-0"

Materials Keying

A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY

JONESBORO, ARKANSAS

JOB NUMBER 9914

BROOKS JACKSON
ARCHITECTS

2228 Cottendale Lane Little Rock, AR 72202 (501) 664-8700

ENGINEERING CONSULTANTS, INC.
401 West Capitol Avenue Suite 305
Little Rock, Arkansas 72201 (501) 376-3752



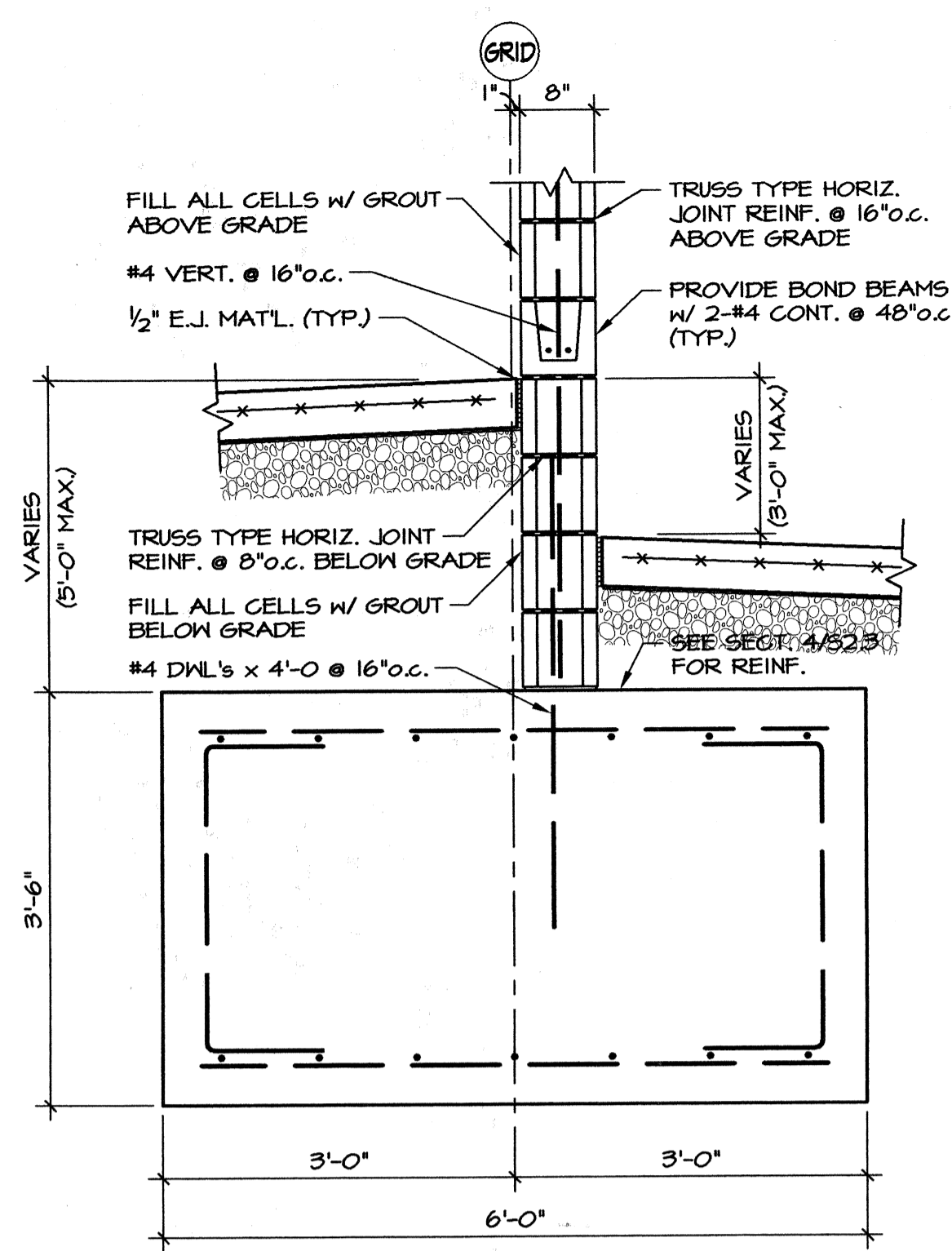
CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC.
No. 26
ARKANSAS - ENGINEER

Date
25 SEPTEMBER 00
Revisions

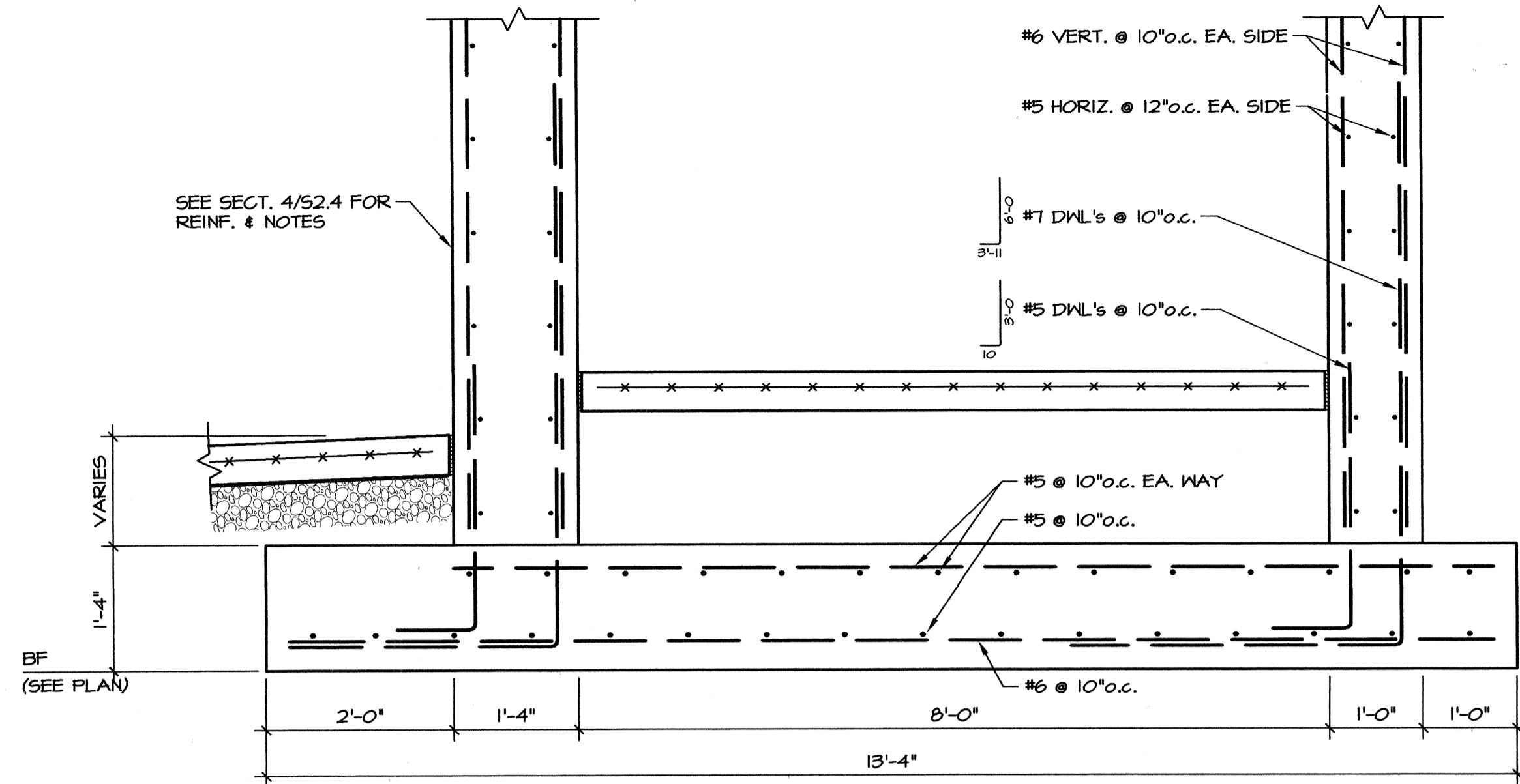
Sheet Title Sheet Number

FOUNDATION DETAILS S2.4

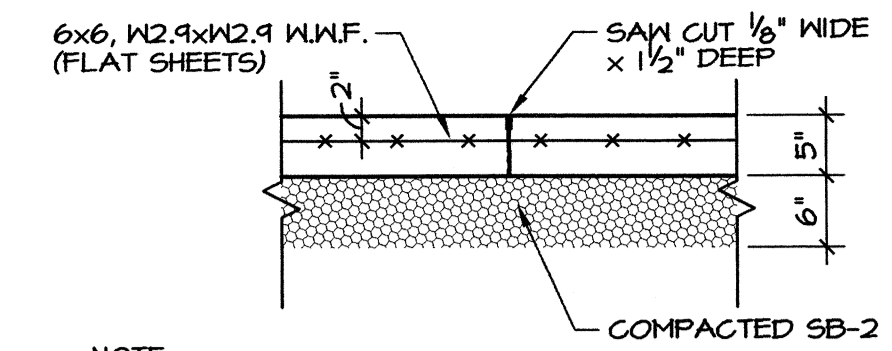
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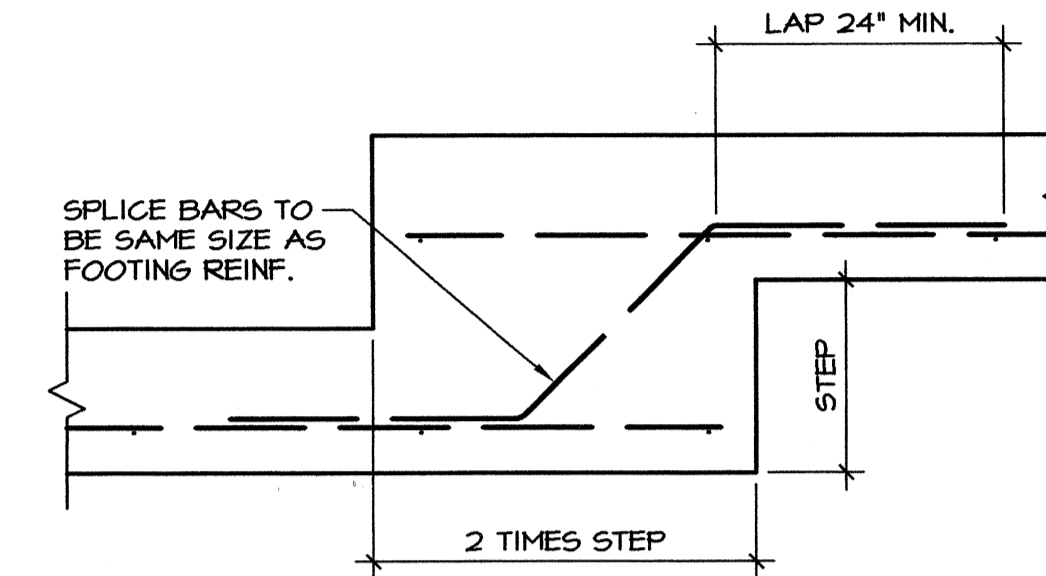


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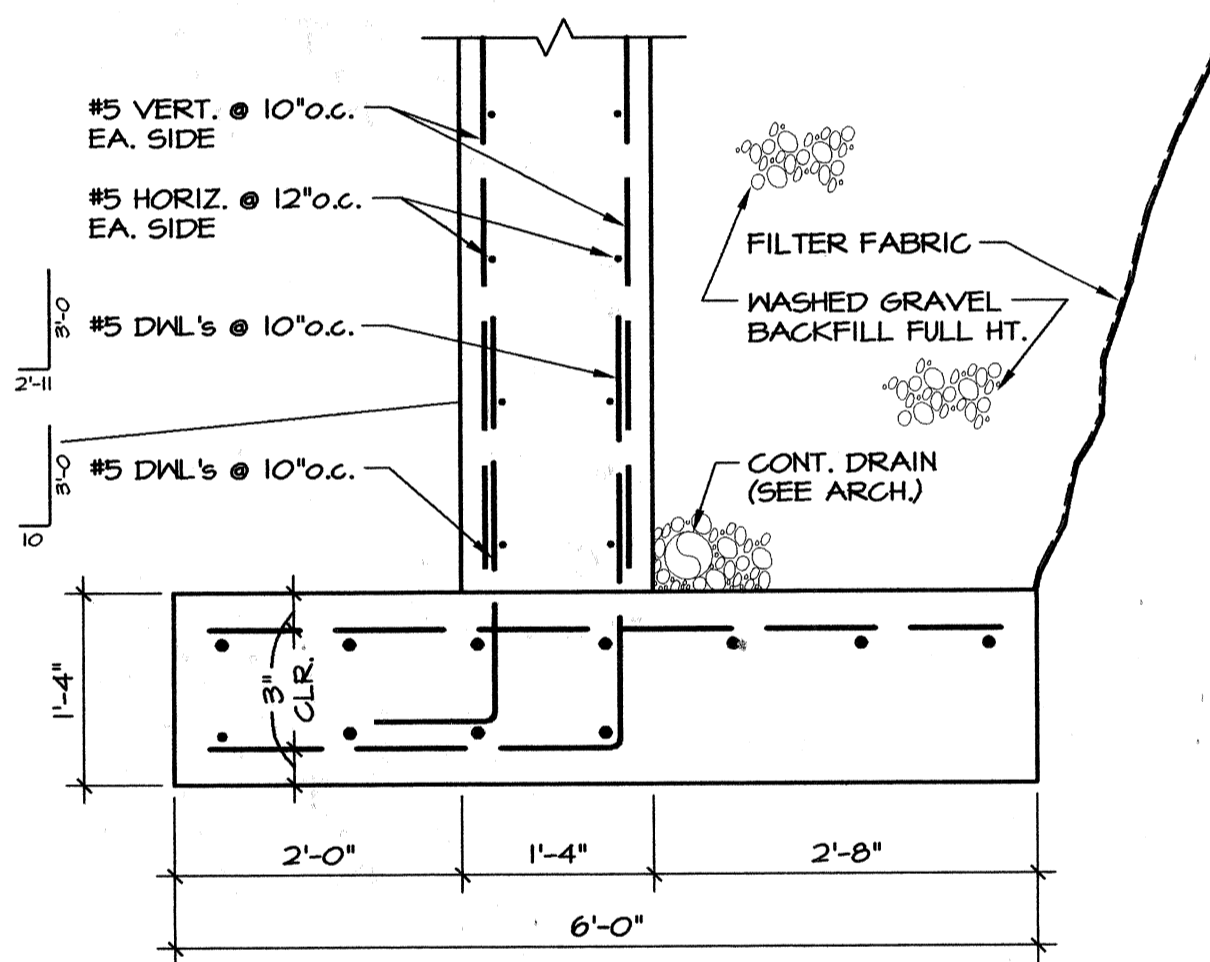


NOTE:
CUT JOINTS AS SOON AS PRACTICAL AFTER PLACING SLAB. SLAB JOINTS MUST BE CUT SAME DAY SLAB IS PLACED. DO NOT ALLOW SLAB TO CURE OVERNIGHT BEFORE SAWING JOINTS.

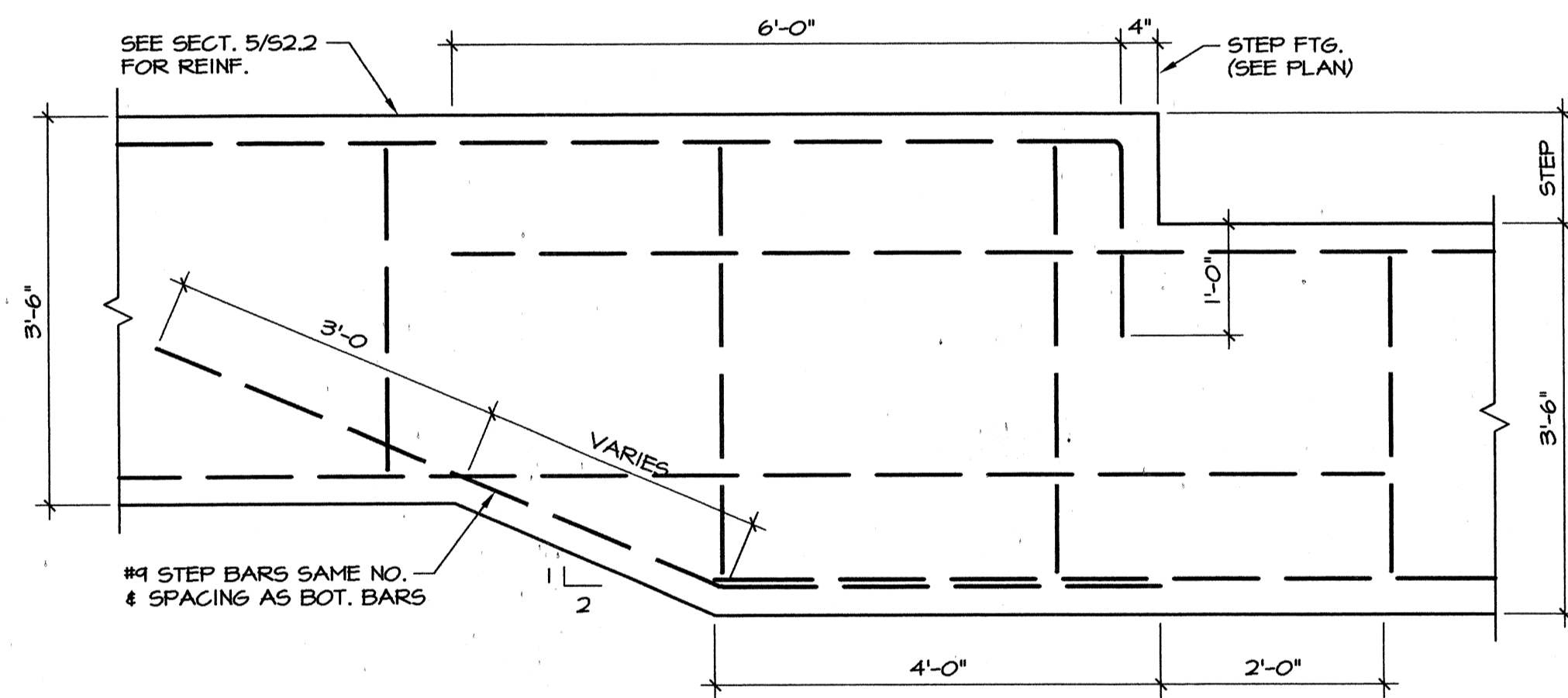
3 SAWN CONTROL JOINT DETAIL
3/4"=1'-0"



4 CONT. FOOTING STEP DETAIL
N.T.S.



5 SECTION
3/4"=1'-0"



6 SECTION
3/4"=1'-0"

Materials Keying

**A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY**

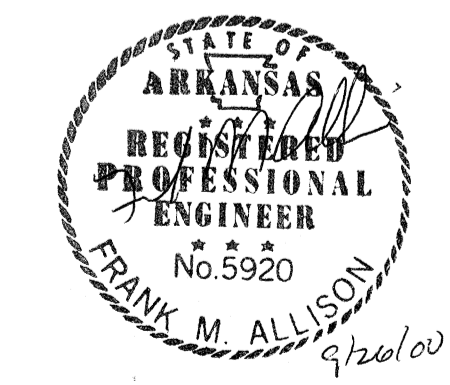
JONESBORO, ARKANSAS

JOB NUMBER 9914

**BROOKS JACKSON
ARCHITECTS**

2228 Cottendale Lane Little Rock, AR 72202 (501) 644-8700

ENGINEERING CONSULTANTS, INC.
401 West Capitol Avenue Suite 305
Little Rock, Arkansas 72201 (501) 376-3752

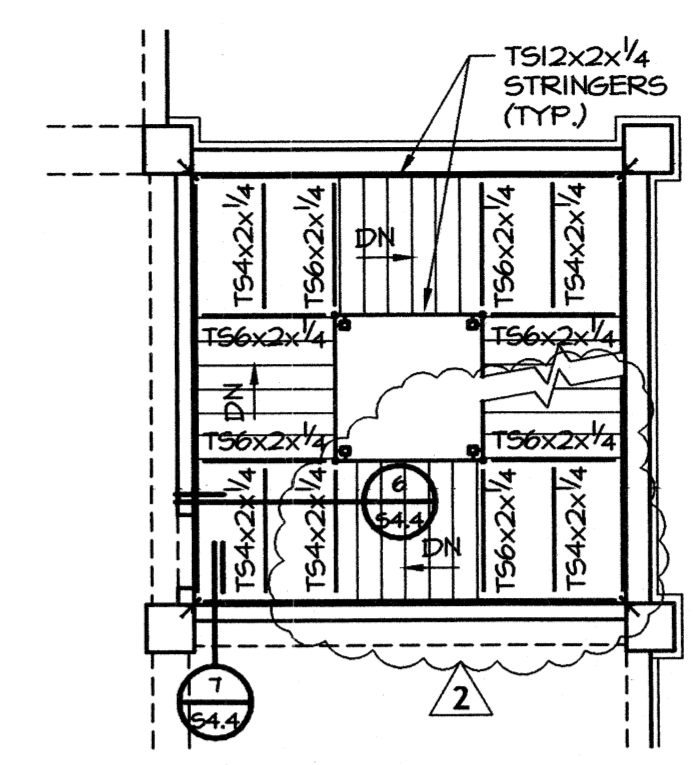
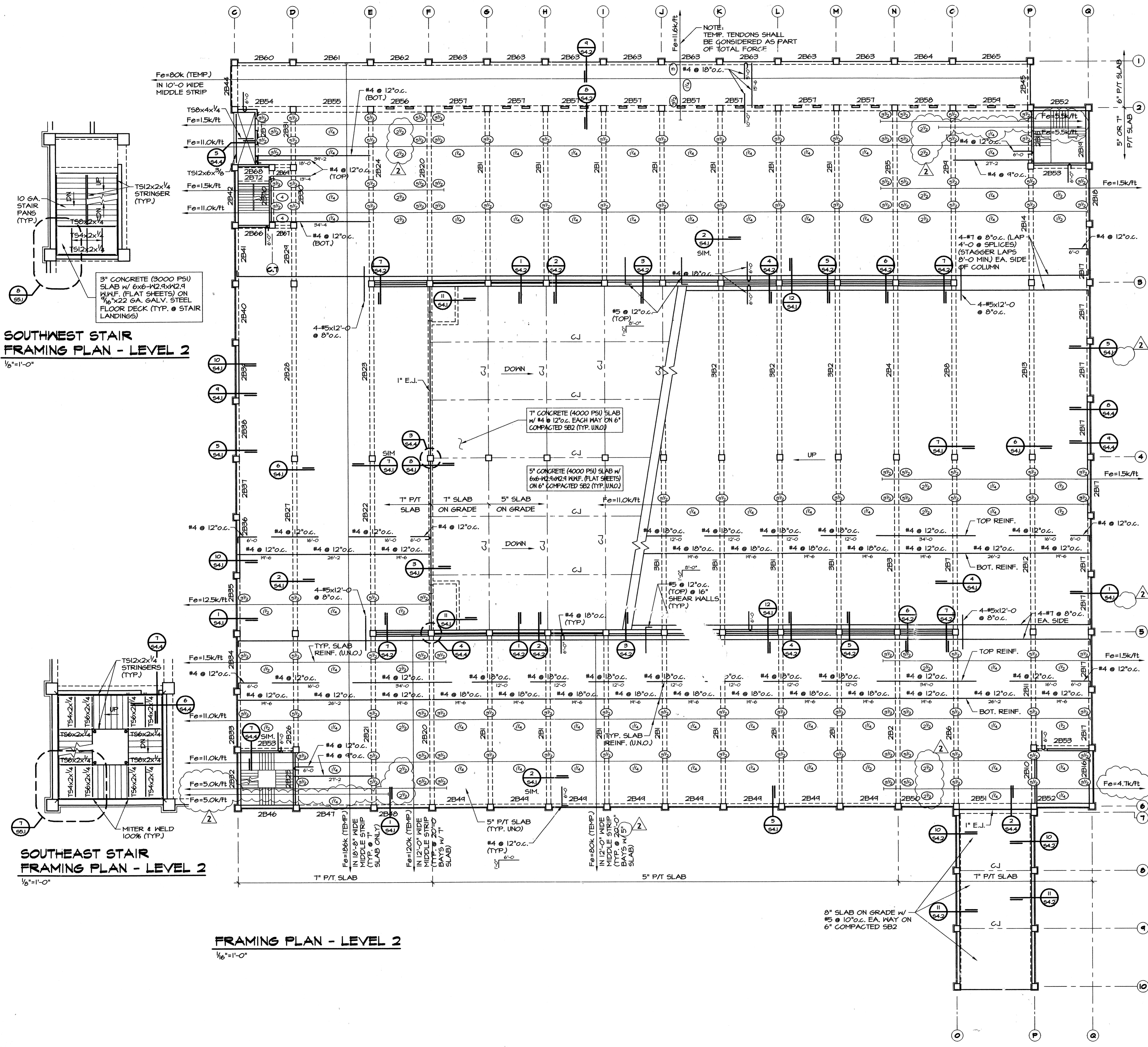


CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC.
No. 26
ARKANSAS - ENGINEER

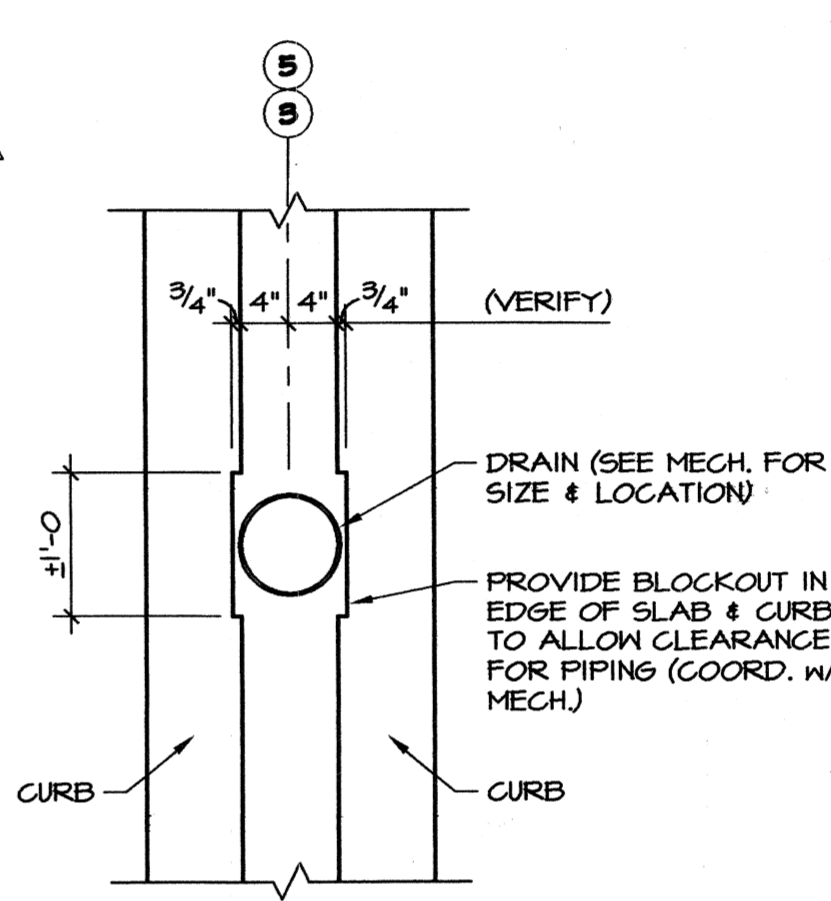
Date
25 SEPTEMBER 00
Revisions

Sheet Title
FOUNDATION DETAILS

Sheet Number
S2.5



NORTHWEST STAIR FRAMING PLAN - LEVEL 2
1/8"=1'-0"



1 BLOCKOUT @ MECH. PIPE
3/4"=1'-0"

SOUTHWEST STAIR FRAMING PLAN - LEVEL 2
1/8"=1'-0"

SOUTHEAST STAIR FRAMING PLAN - LEVEL 2
1/8"=1'-0"

FRAMING PLAN - LEVEL 2
1/16"=1'-0"

Materials Keying

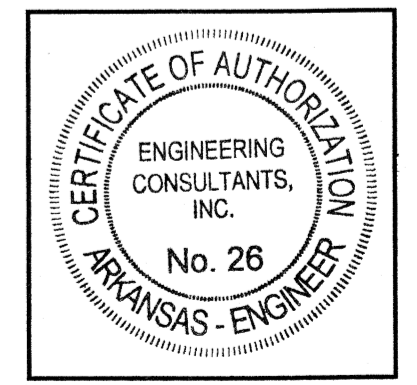
A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY
JONESBORO, ARKANSAS

JOB NUMBER 9914

BROOKS JACKSON ARCHITECTS

2228 Cottendale Lane Little Rock, AR 72202 (501) 664-8700

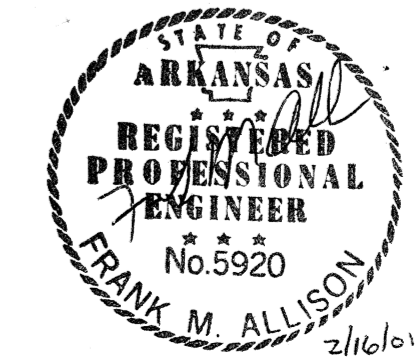
ENGINEERING CONSULTANTS, INC.
401 West Capitol Avenue Suite 305
Little Rock, Arkansas 72201 (501) 376-3752



Date
25 SEPTEMBER 00
Revisions
1 **11 OCTOBER 00**
2 **16 FEBRUARY 01**

Sheet Title
FRAMING PLAN LEVEL 2

Sheet Number
S3.1



2/16/01

NOTE CHANGES TO ORIGINAL SCHEDULE MOVED FROM SHEET 53.2

POST-TENSIONED BEAM SCHEDULE table with columns: BEAM MARK, "B", "D", "F_e" (KIPS), LEFT ORDNATE, MIDDLE ORDNATE, RIGHT ORDNATE, LONGITUDINAL REINF., STIRRUPS, and REMARKS. Contains 40 rows of beam data.

POST-TENSIONED BEAM SCHEDULE table with columns: BEAM MARK, "B", "D", "F_e" (KIPS), LEFT ORDNATE, MIDDLE ORDNATE, RIGHT ORDNATE, LONGITUDINAL REINF., STIRRUPS, and REMARKS. Contains 6 rows of beam data.

POST-TENSIONED BEAM SCHEDULE table with columns: BEAM MARK, "B", "D", "F_e" (KIPS), LEFT ORDNATE, MIDDLE ORDNATE, RIGHT ORDNATE, LONGITUDINAL REINF., STIRRUPS, and REMARKS. Contains 40 rows of beam data.

Materials Keying

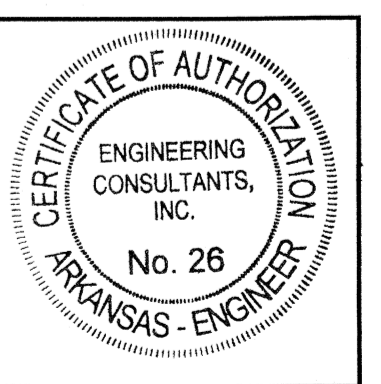
A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY JONESBORO, ARKANSAS

JOB NUMBER 9914

BROOKS JACKSON ARCHITECTS

2228 Cottendale Lane Little Rock, AR 72202 (501) 664-8700

ENGINEERING CONSULTANTS, INC. 401 West Capitol Avenue Suite 305 Little Rock, Arkansas 72201 (501) 376-3752

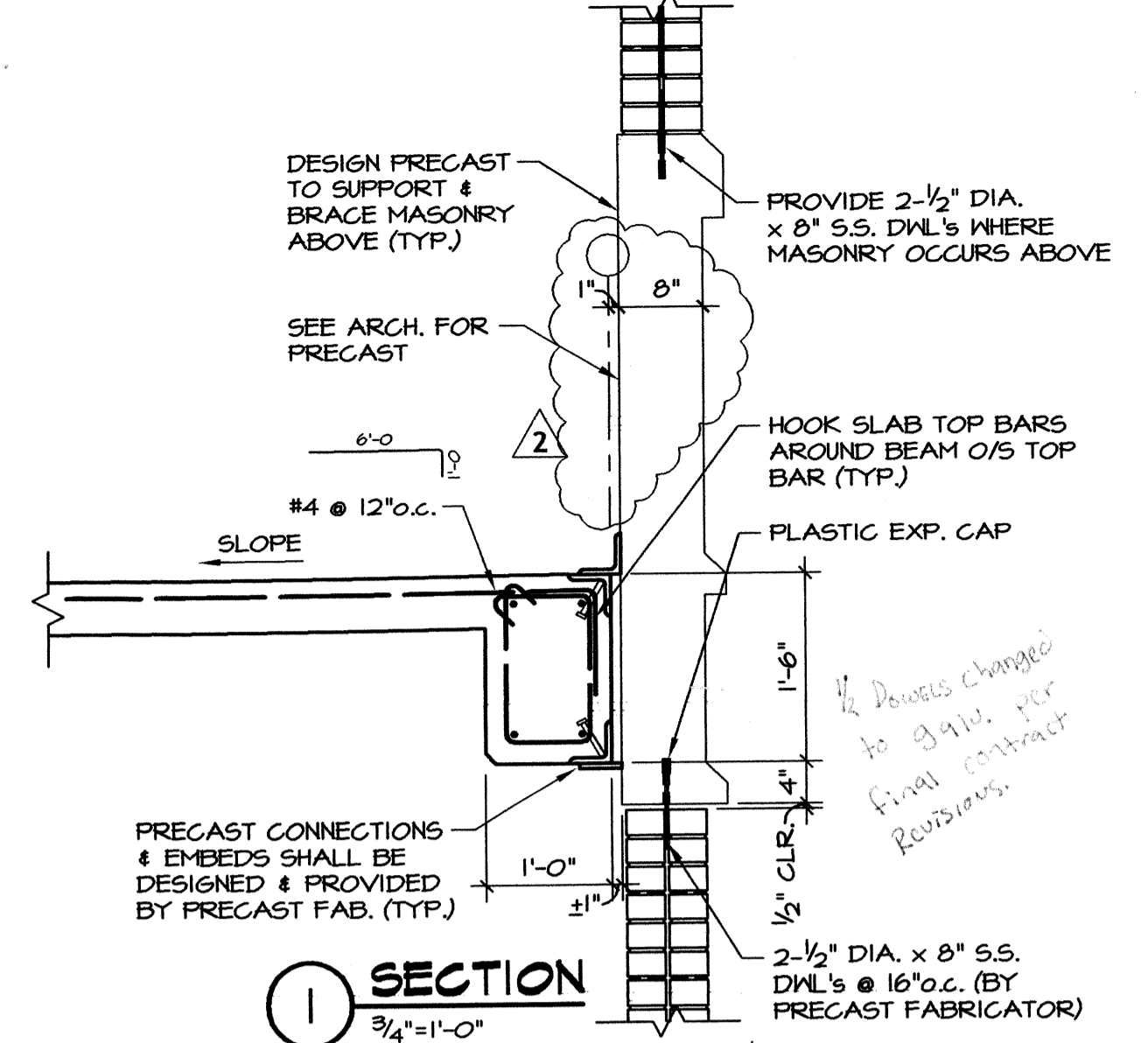


Date 25 SEPTEMBER 00 Revisions 16 FEBRUARY 01

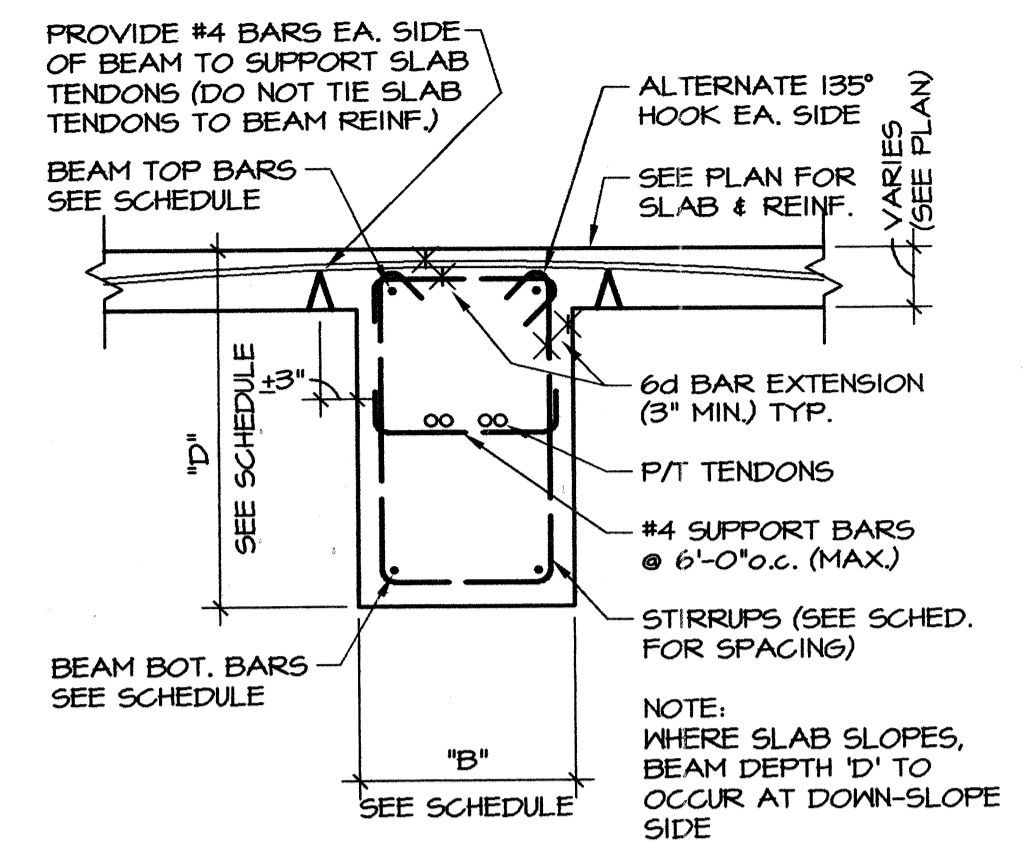
Sheet Title BEAM SCHEDULE LEVEL 3 Sheet Number S3.4



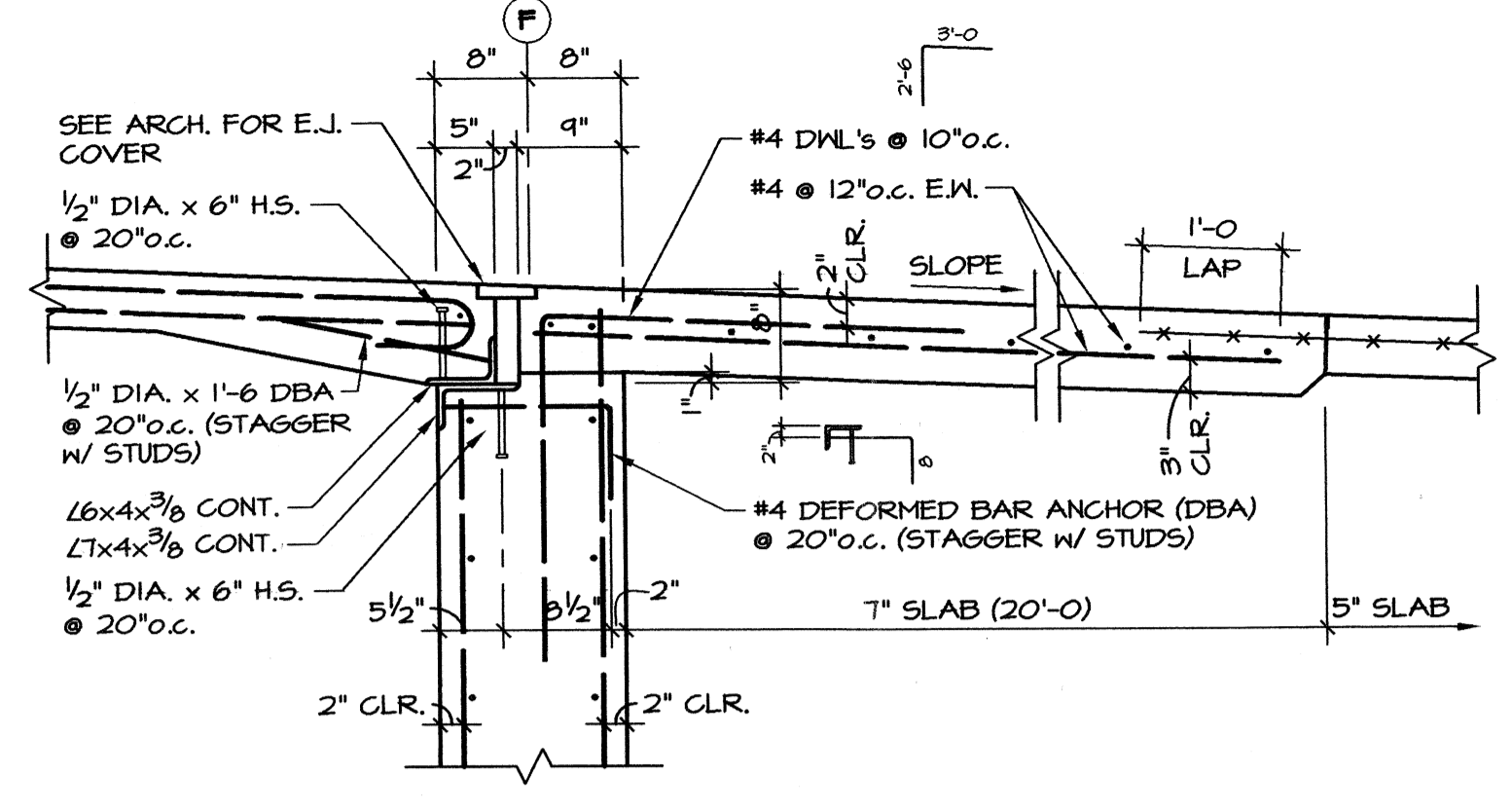
NEW SHEET



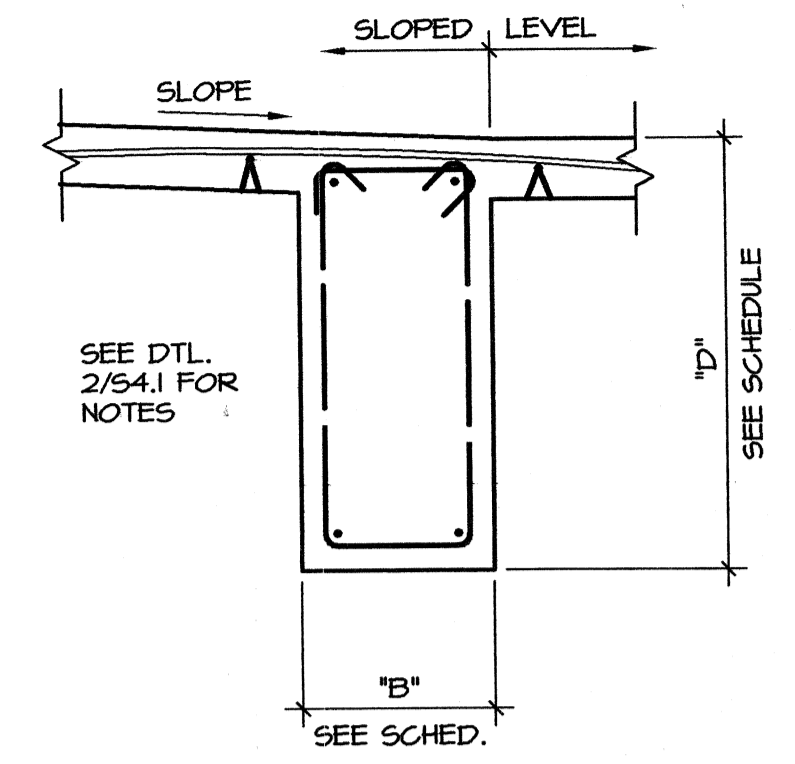
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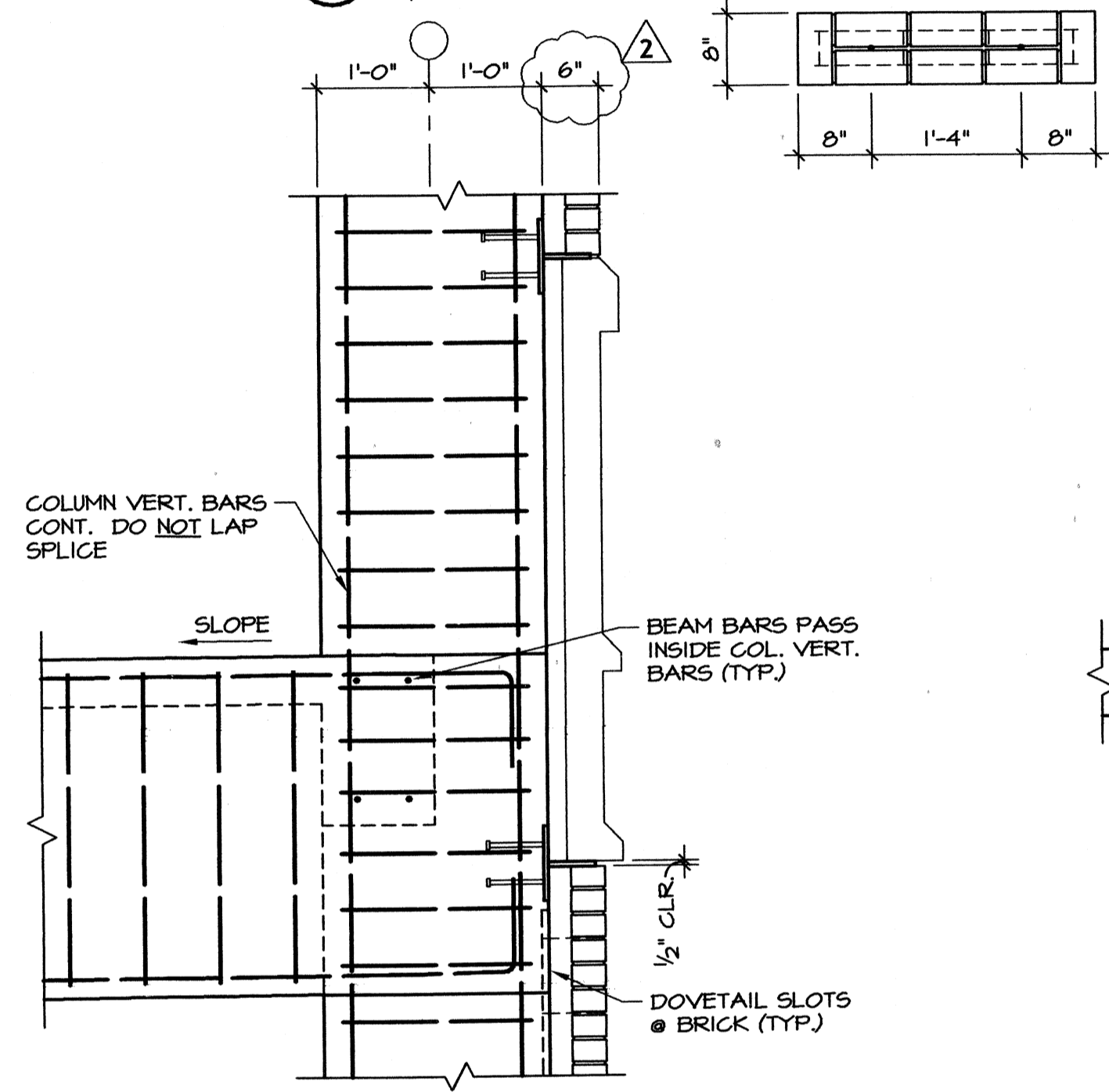
2 TYP. INT. P/T BEAM
NOT TO SCALE



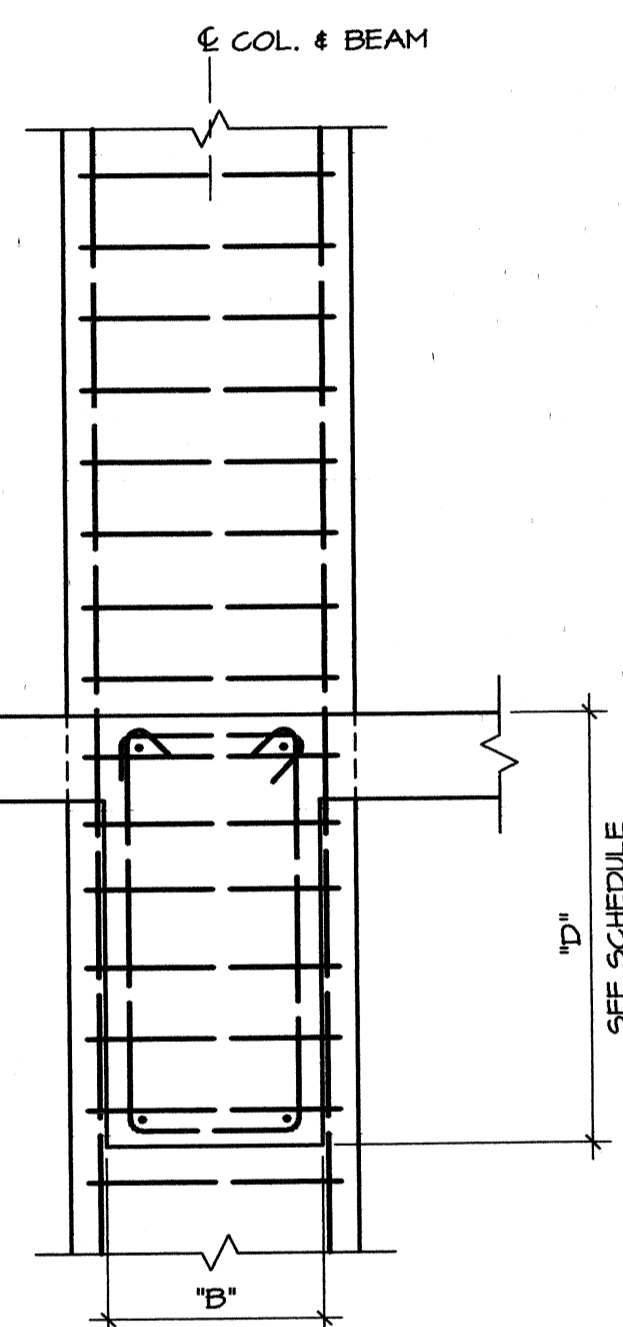
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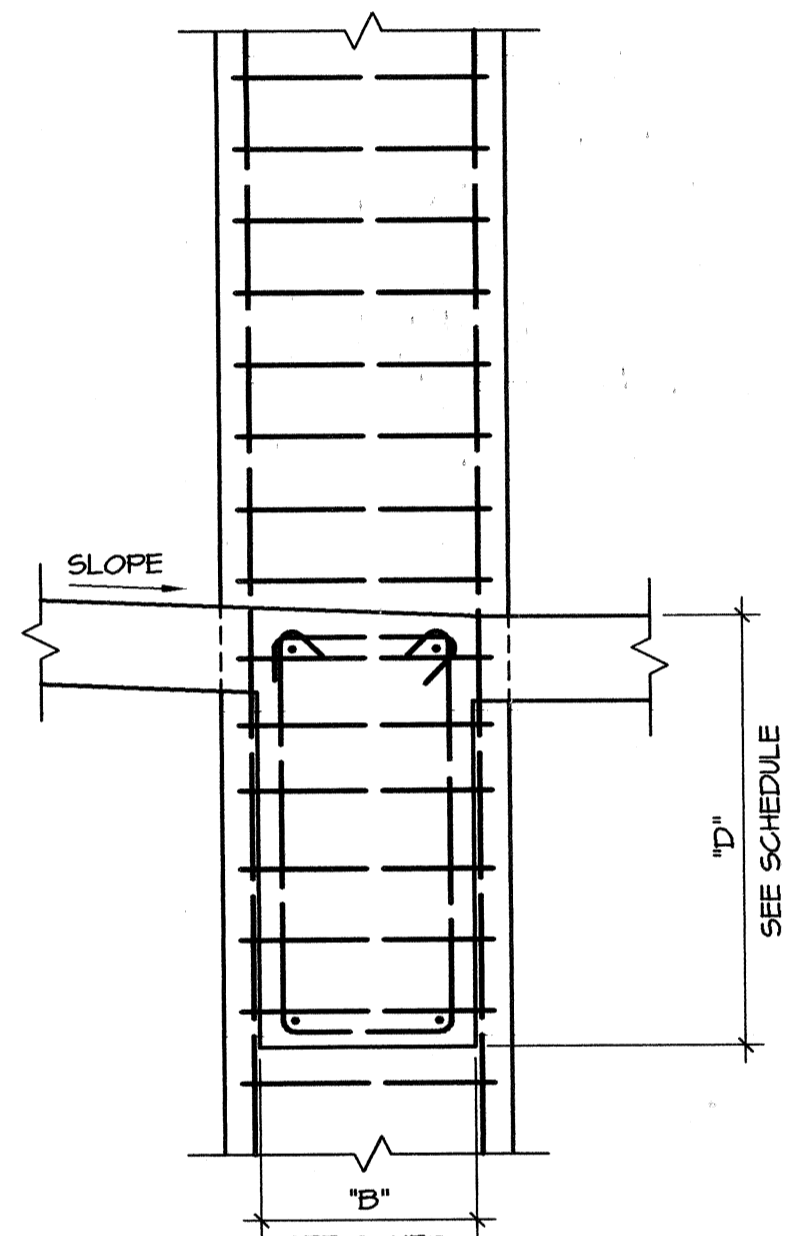
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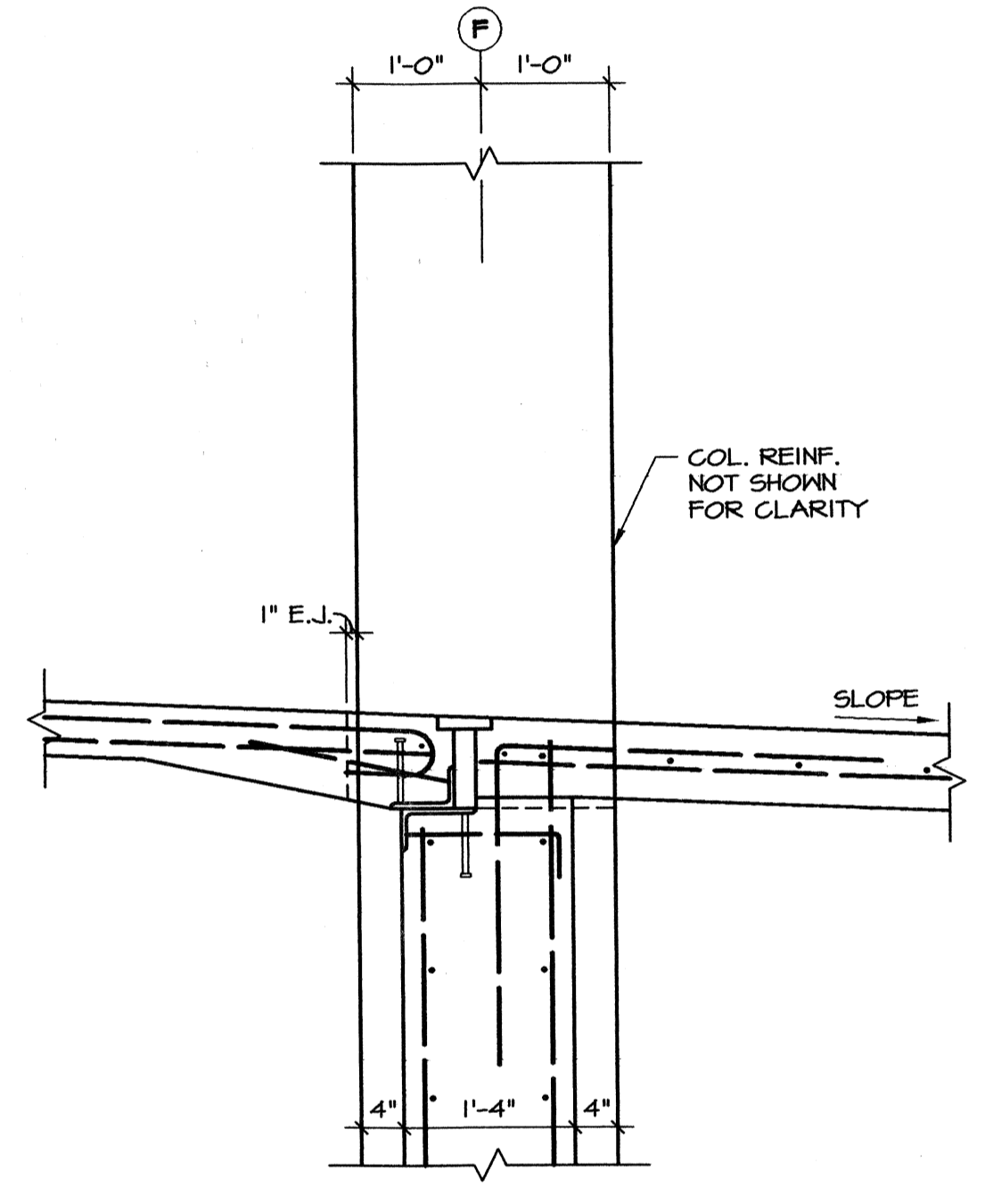
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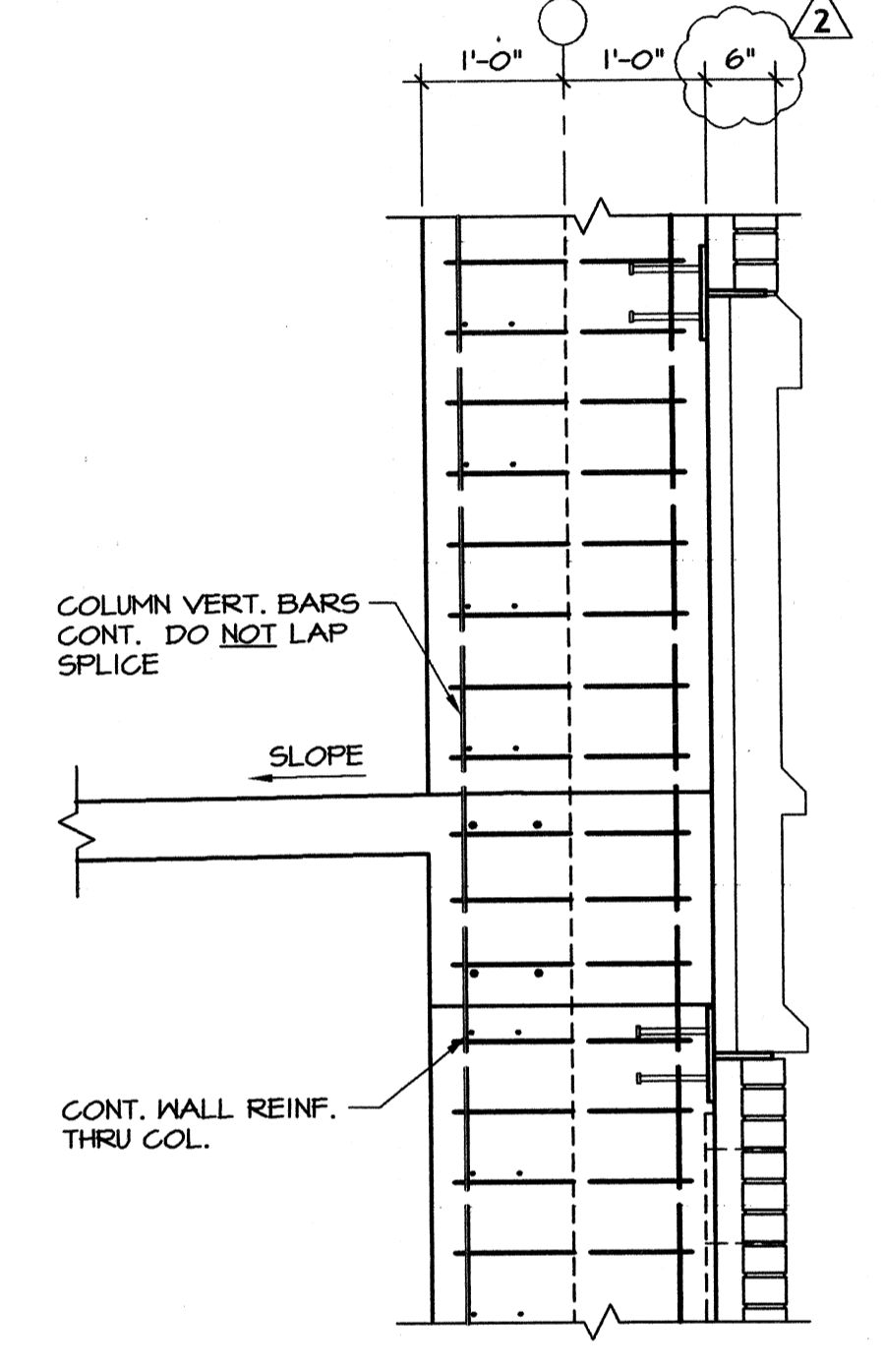
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3/4"=1'-0"



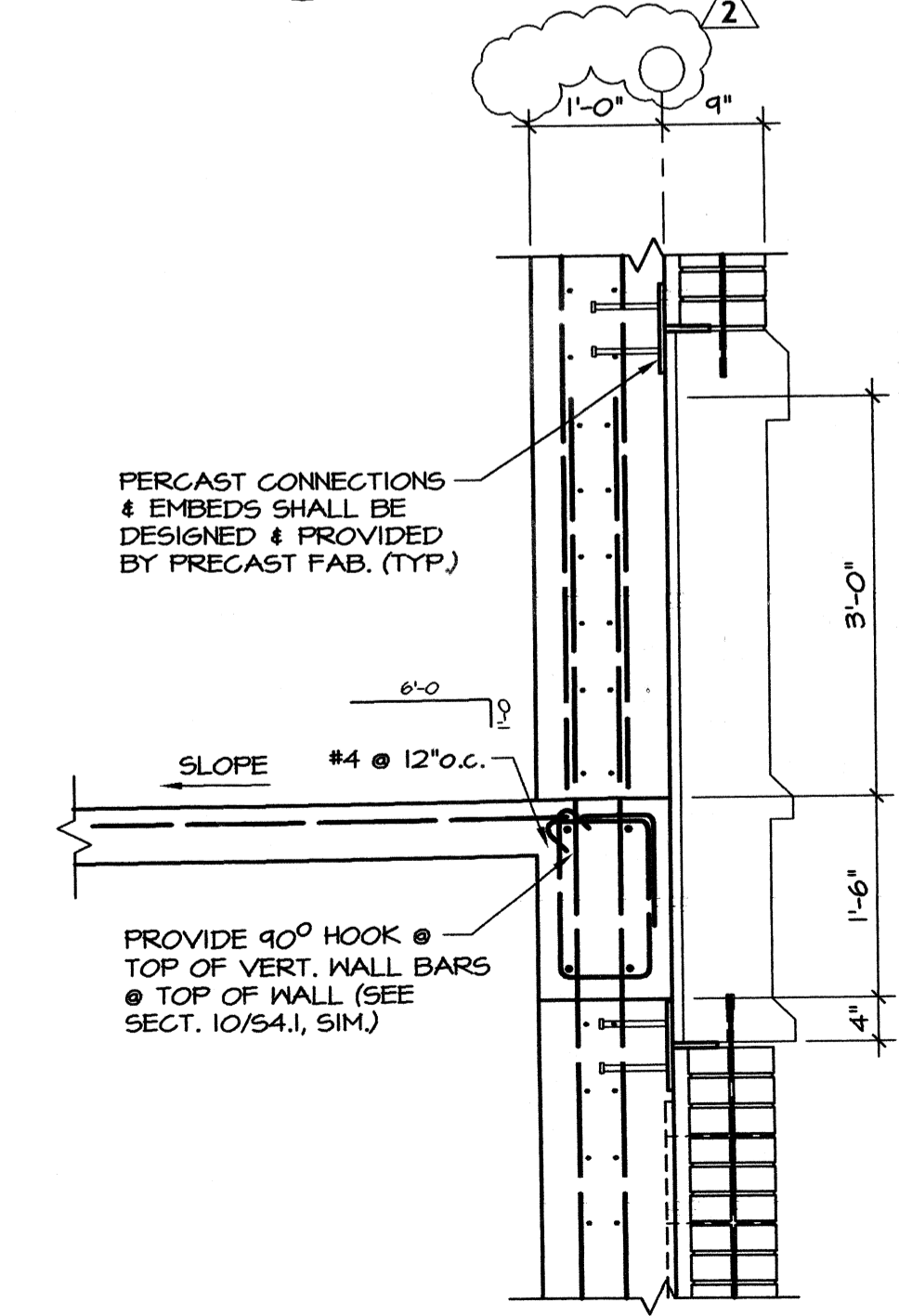
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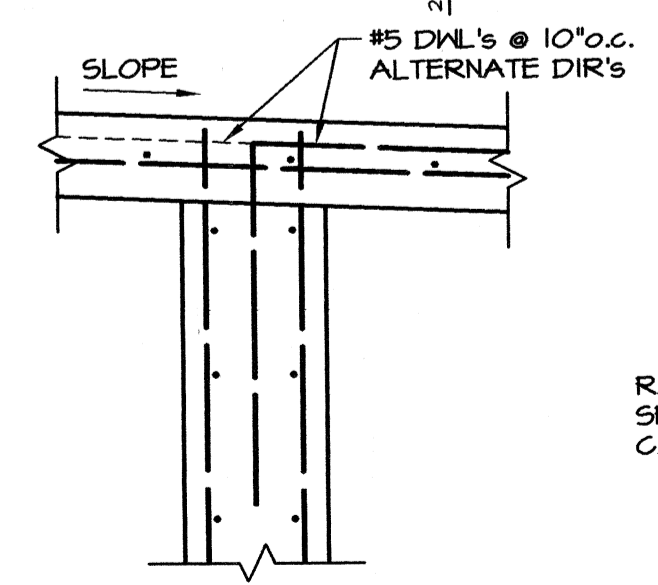
8 SECTION
3/4"=1'-0"



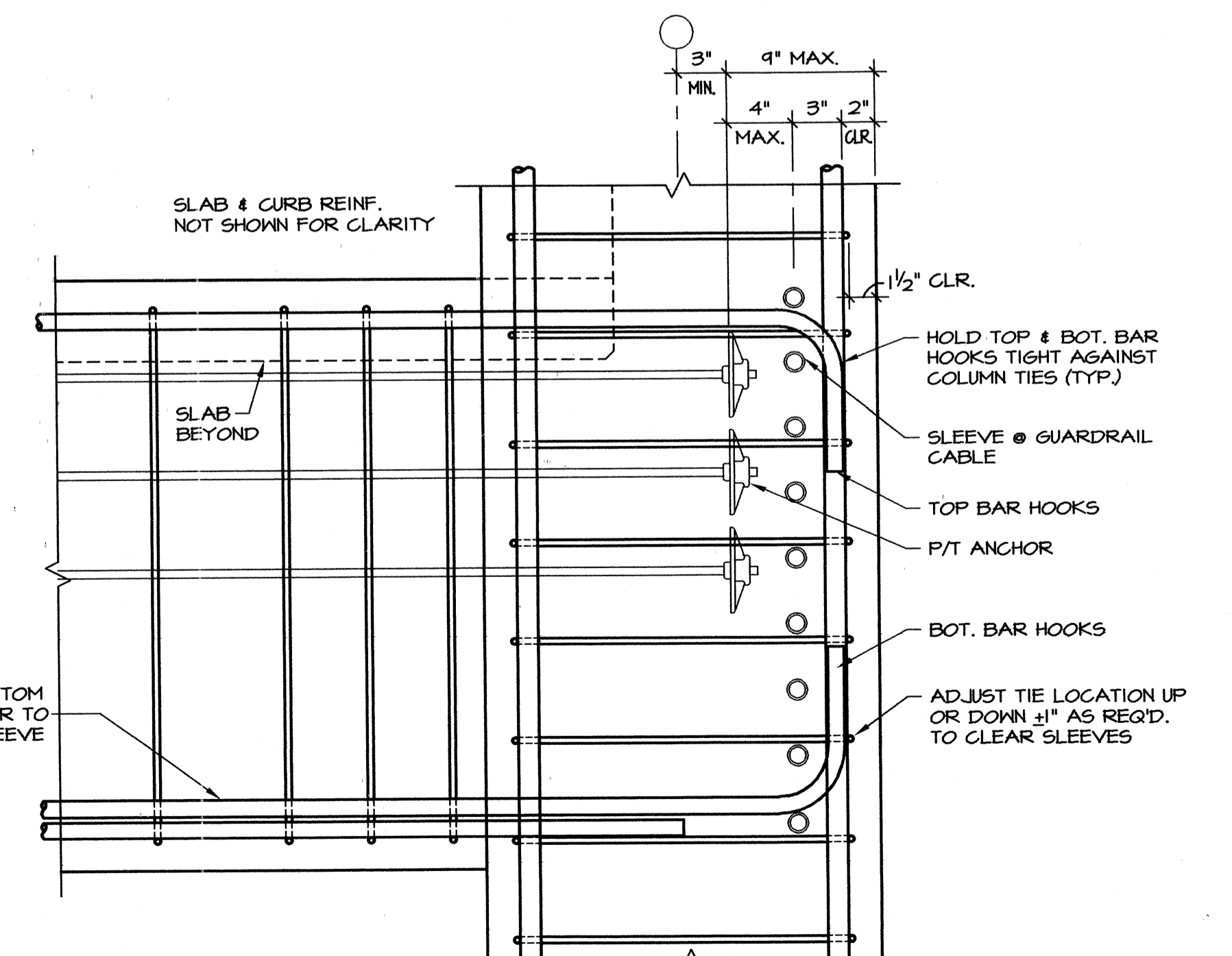
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3/4"=1'-0"



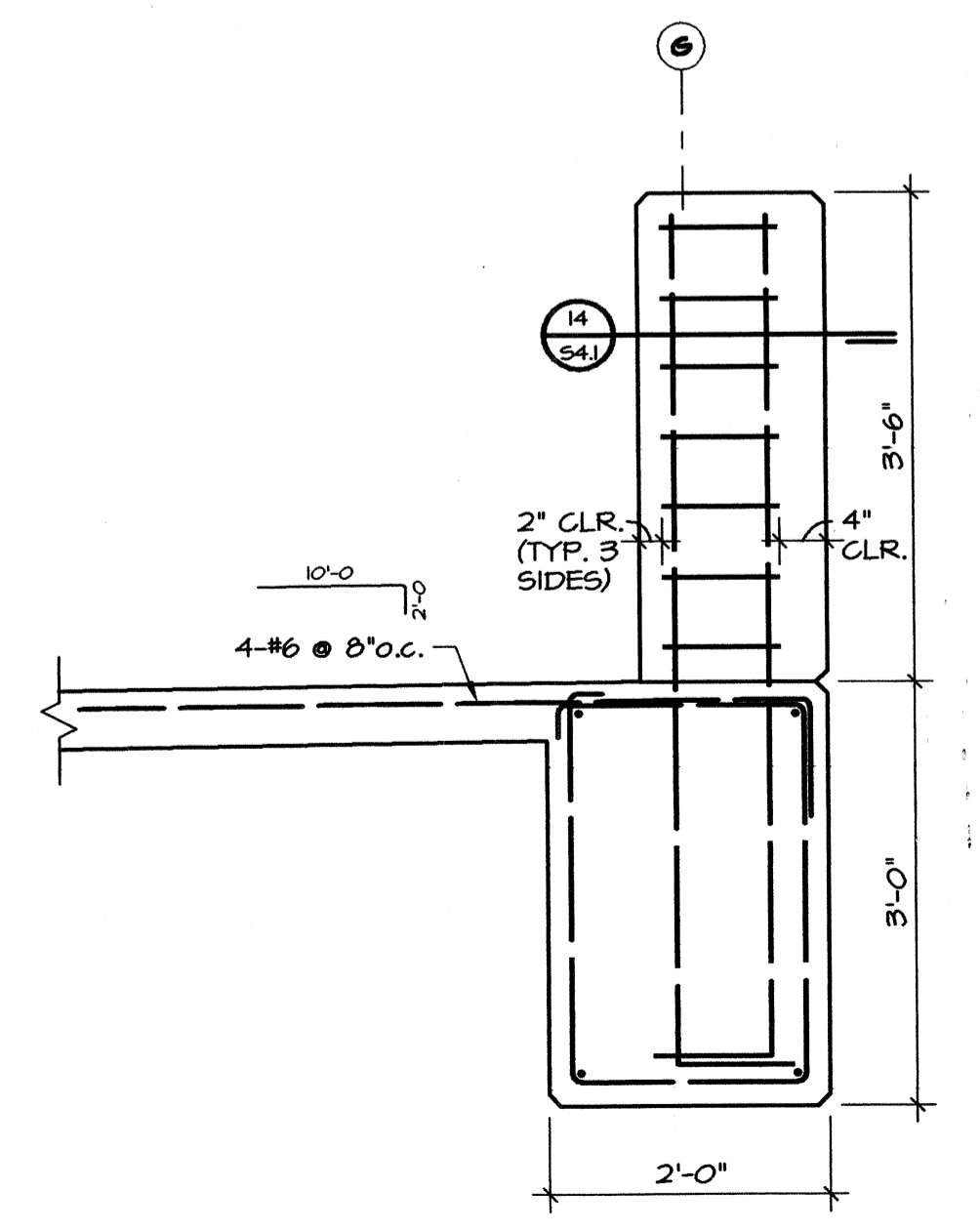
10 SECTION
3/4"=1'-0"



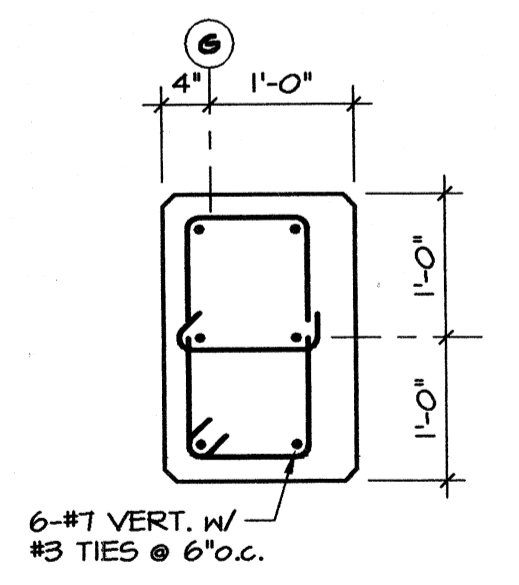
11 SECTION
3/4"=1'-0"



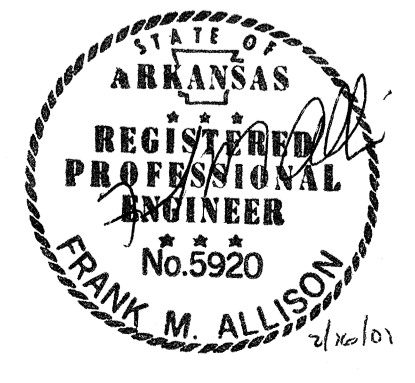
12 SECTION
1/2"=1'-0"



13 SECTION
3/4"=1'-0"



14 SECTION
3/4"=1'-0"



**A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY**
JONESBORO, ARKANSAS

JOB NUMBER 9914

**BROOKS JACKSON
ARCHITECTS**

2228 Cottendale Lane Little Rock, AR 72202 (501) 664-8700

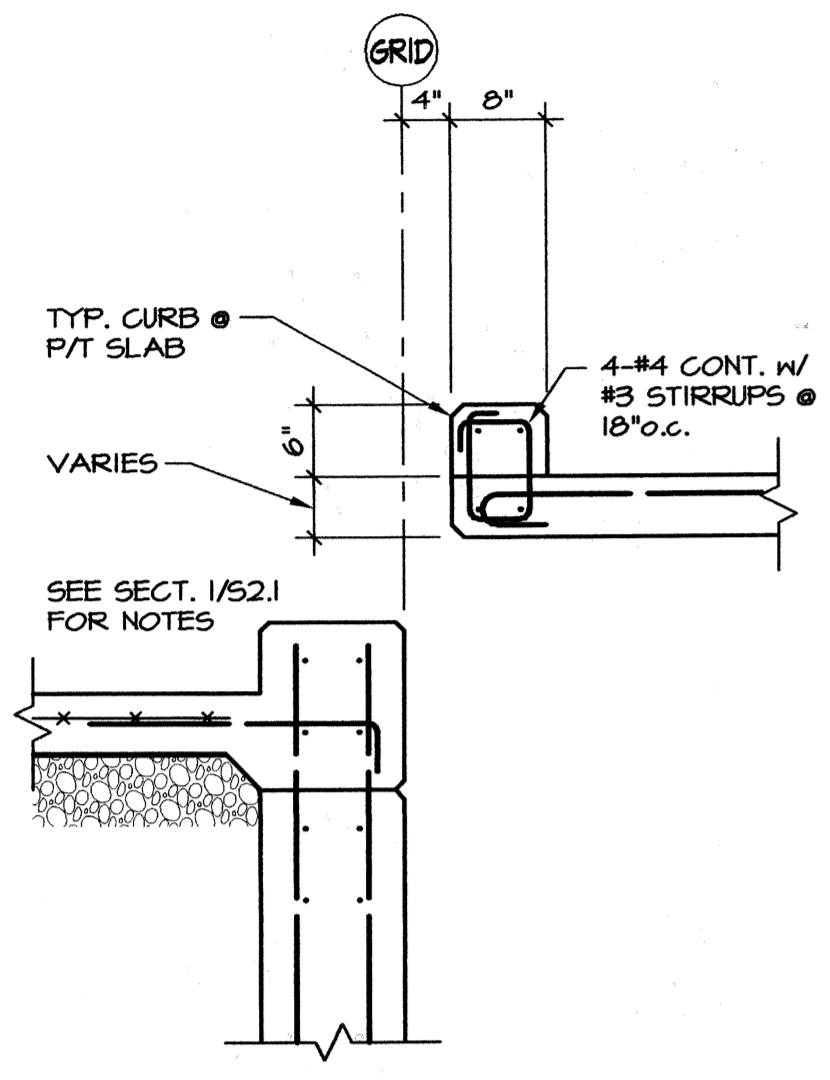
ENGINEERING CONSULTANTS, INC.
401 West Capitol Avenue Suite 305
Little Rock, Arkansas 72201 (501) 376-3752

CERTIFICATE OF AUTHORIZATION
ENGINEERING CONSULTANTS, INC.
No. 26
ARKANSAS - ENGINEERS

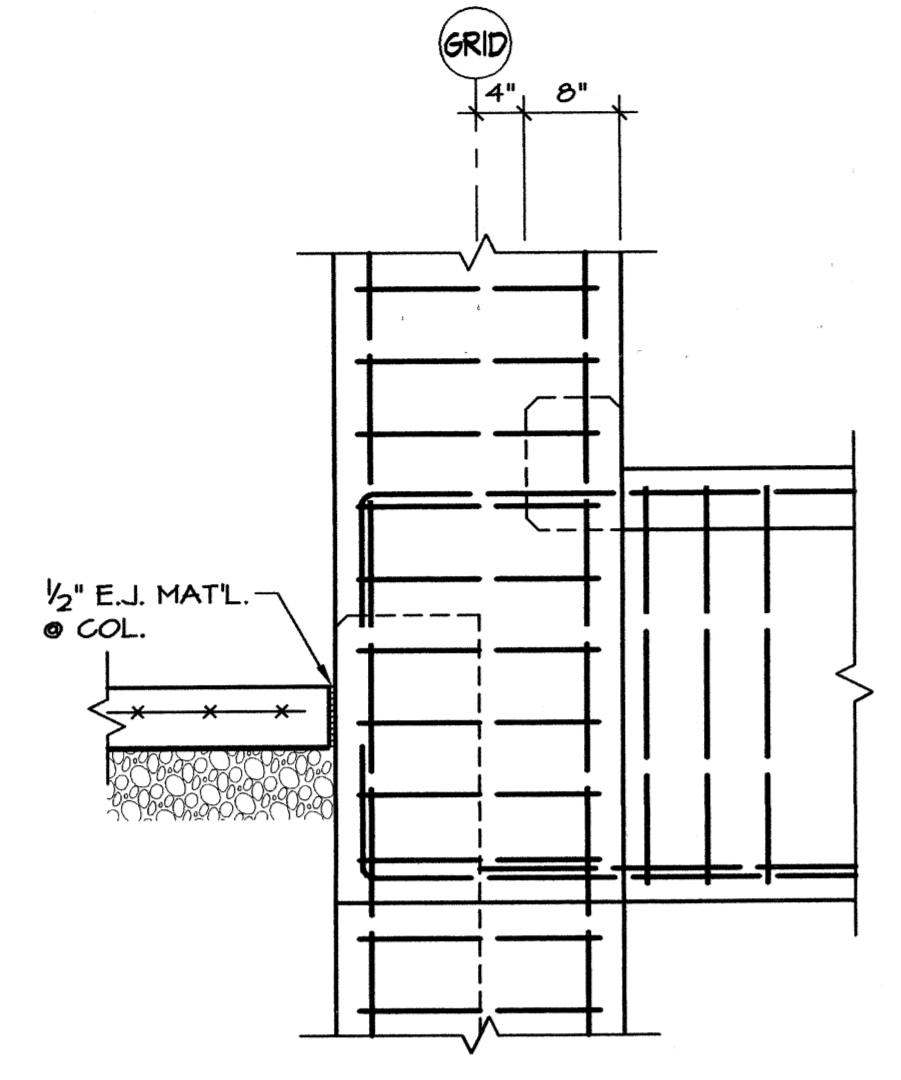
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25 SEPTEMBER 00
Revisions
1 11 OCTOBER 00
2 16 FEBRUARY 01

Sheet Title
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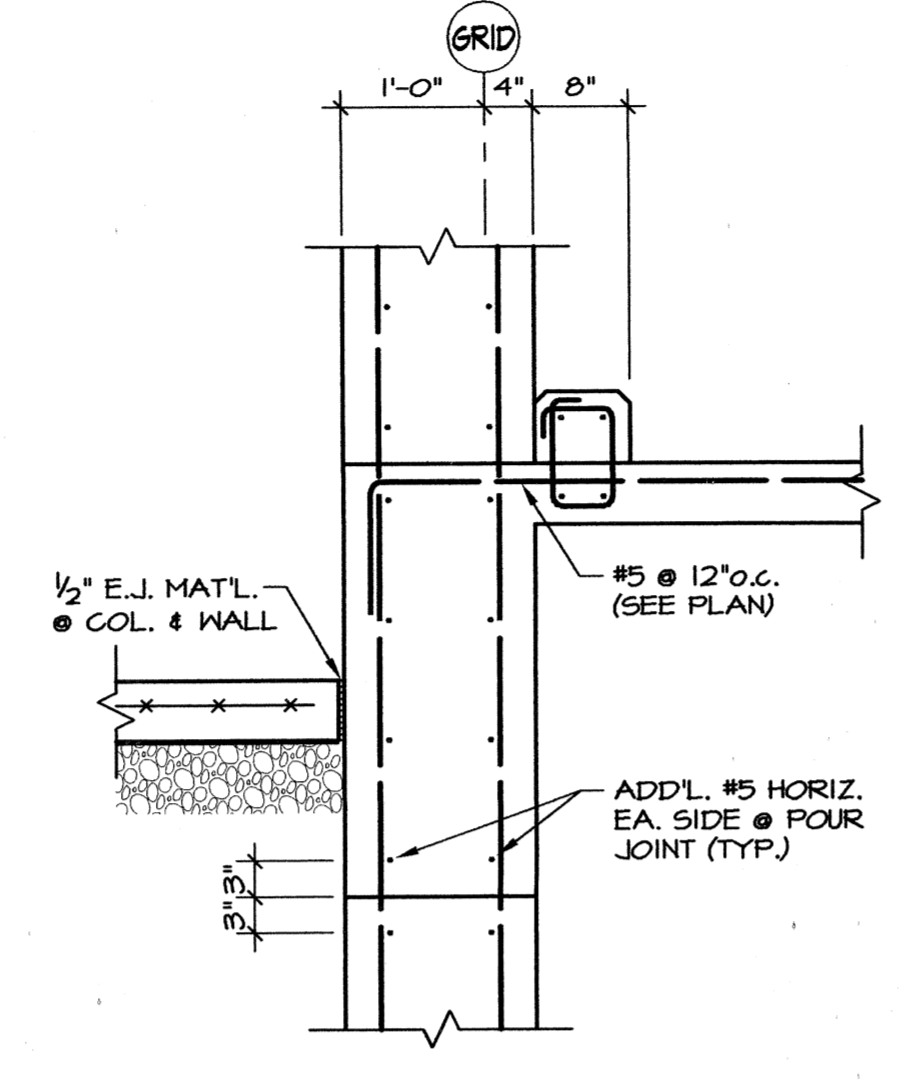
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S4.1



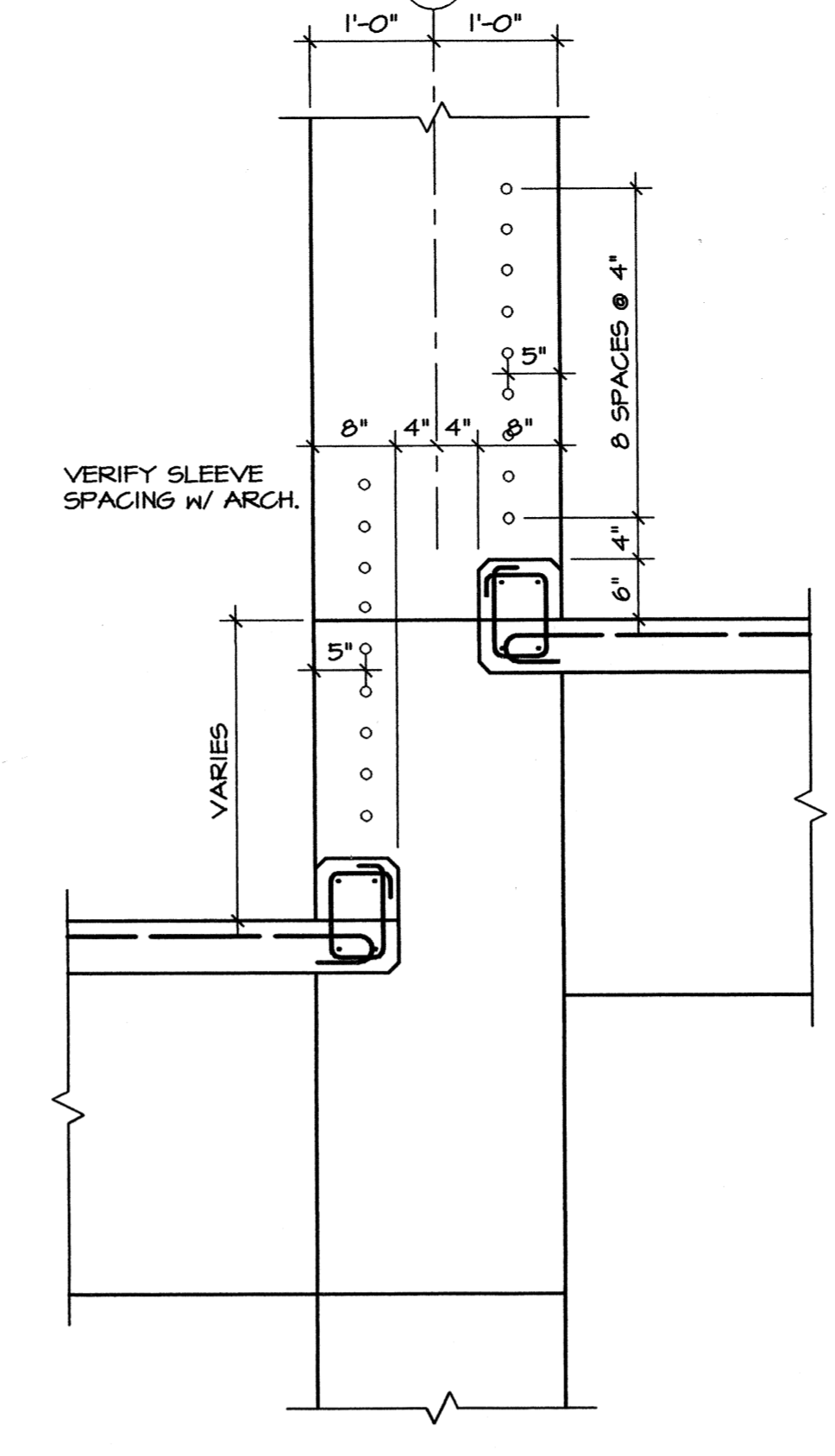
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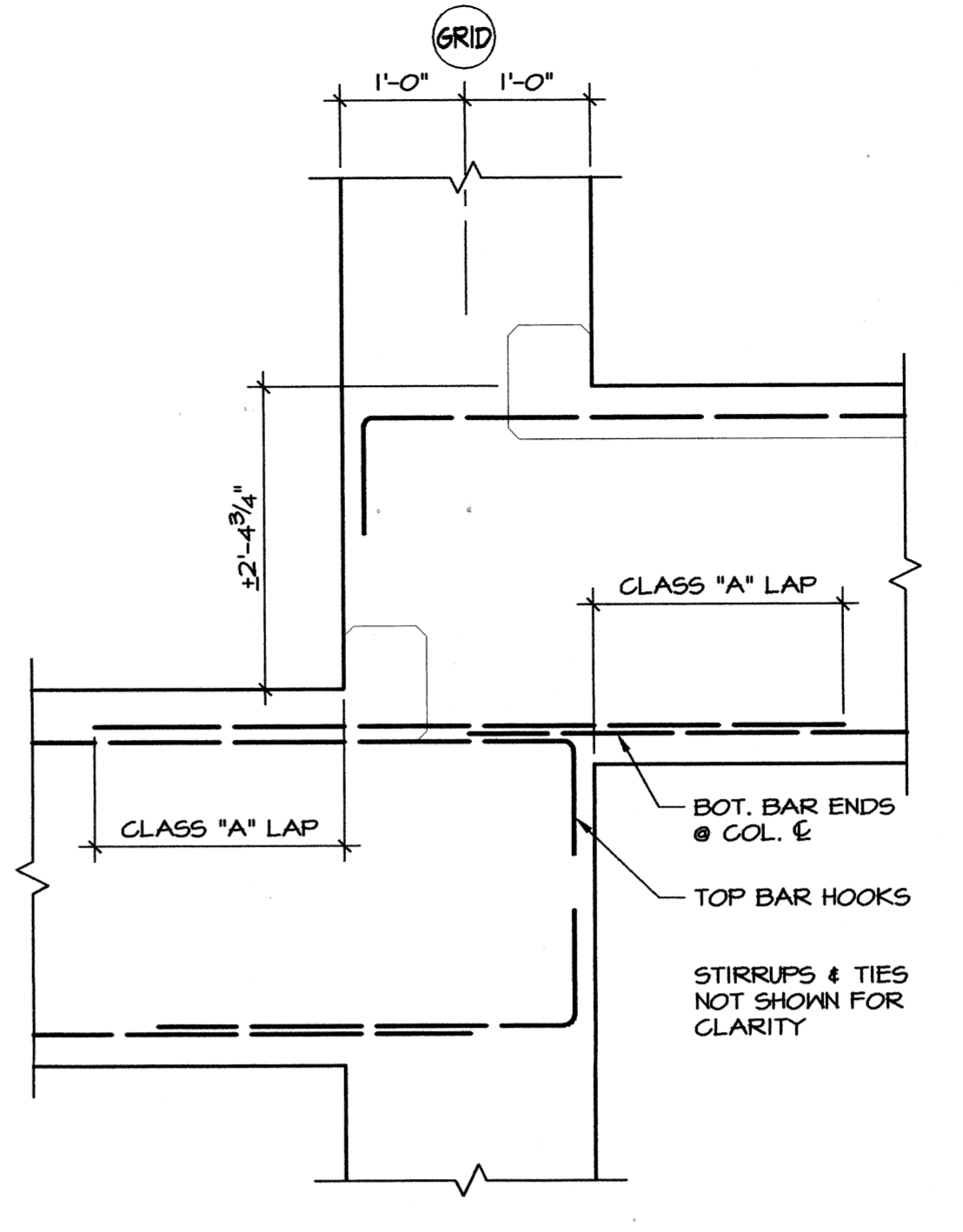
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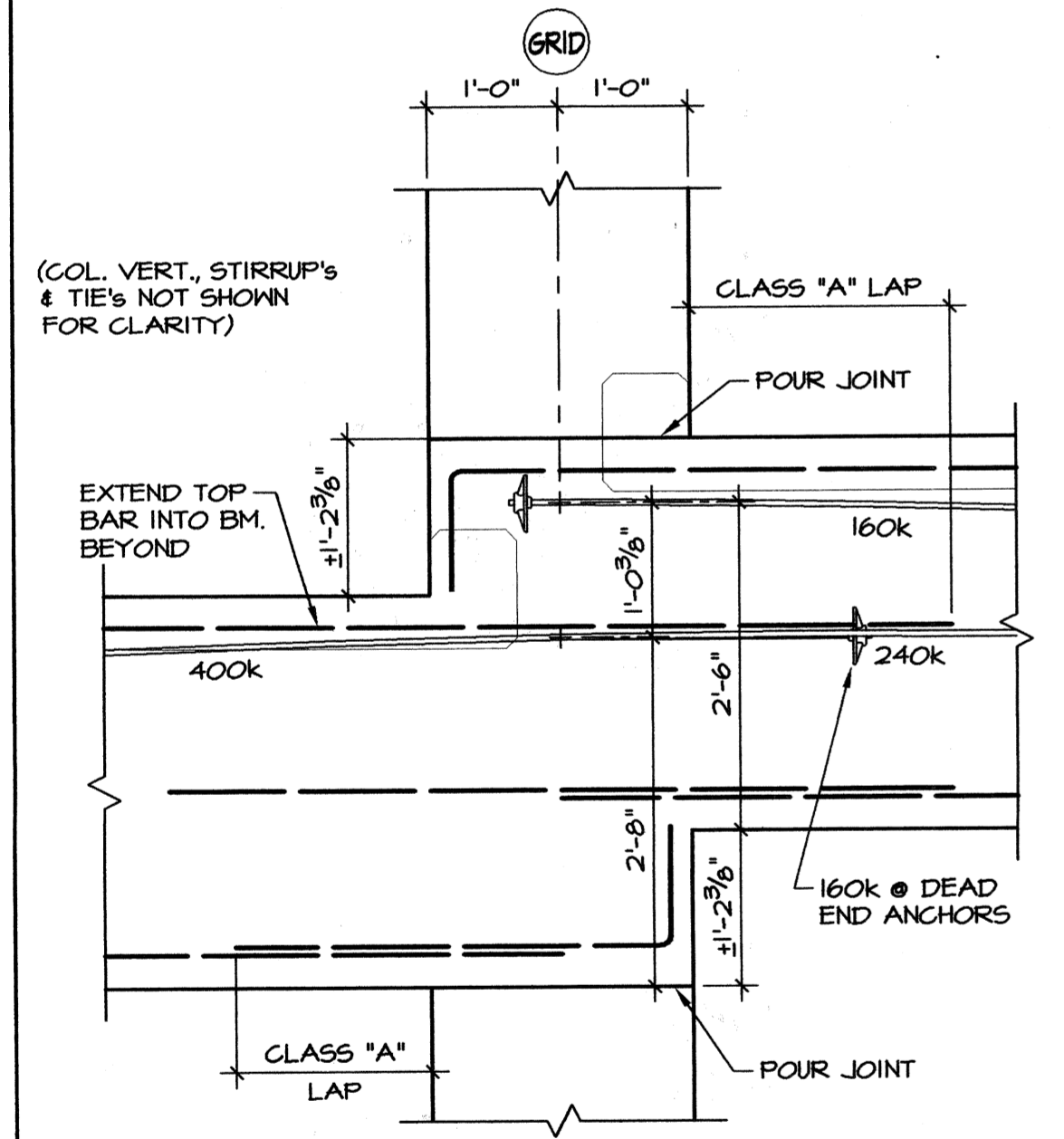
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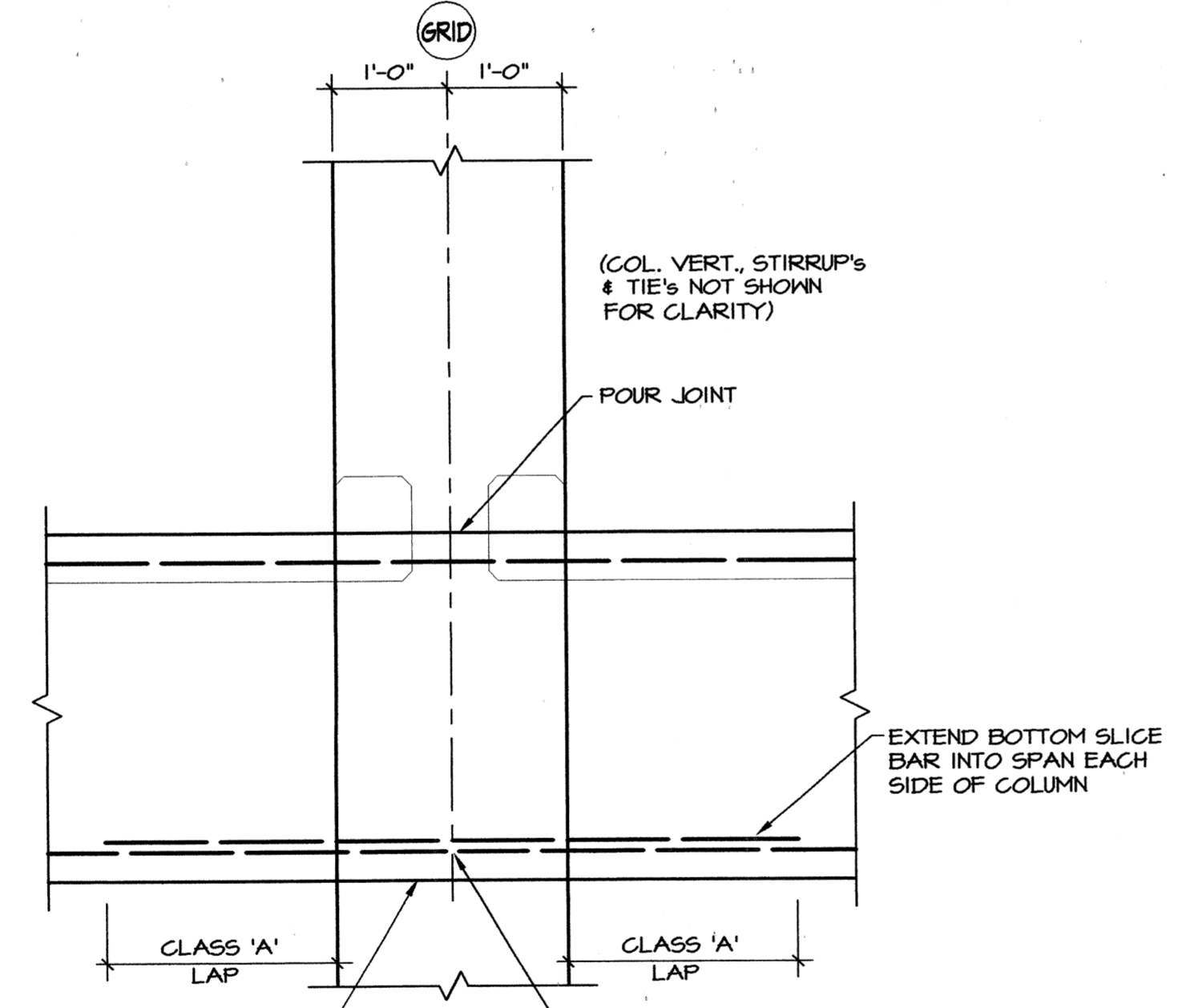
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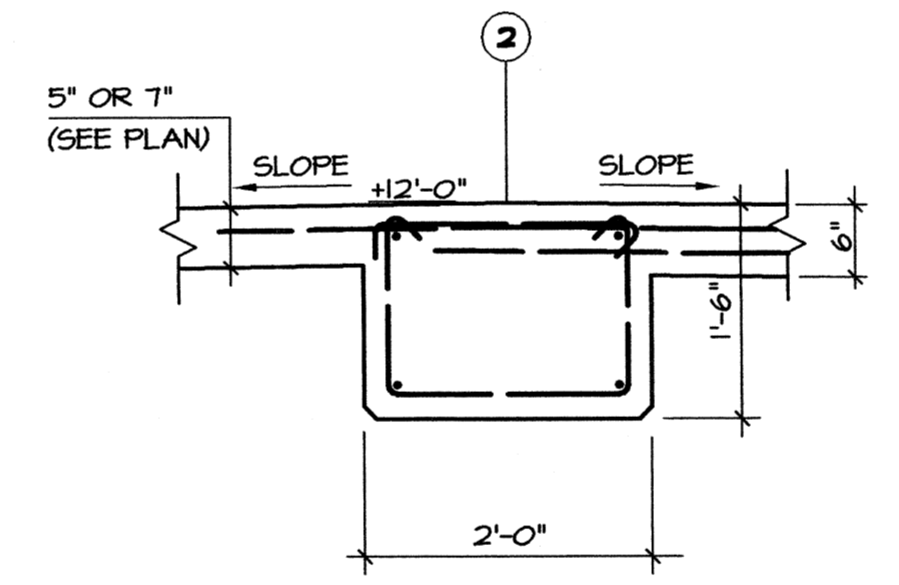
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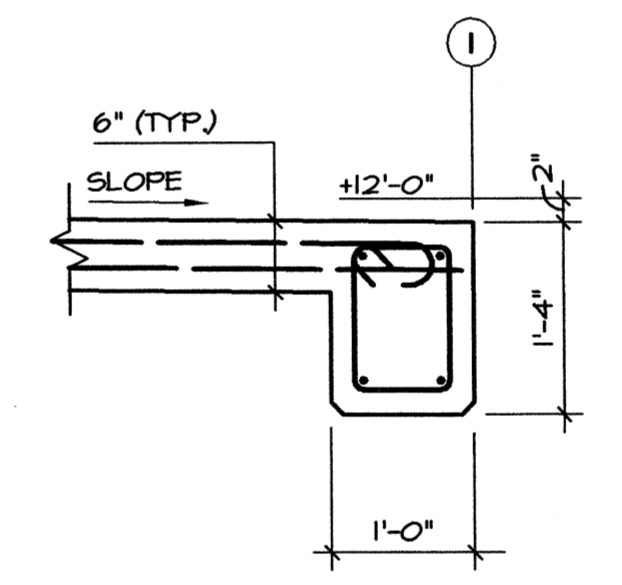
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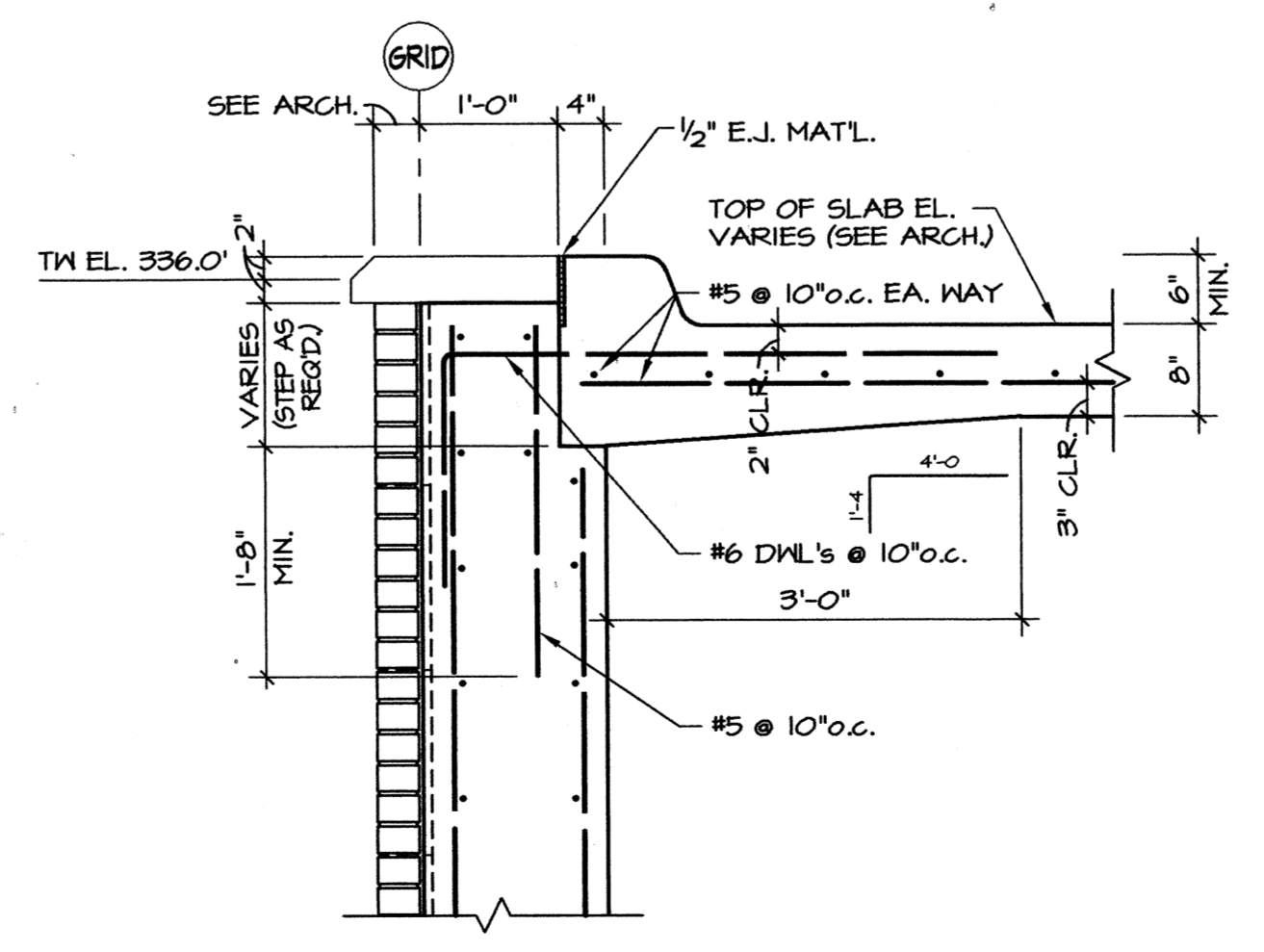
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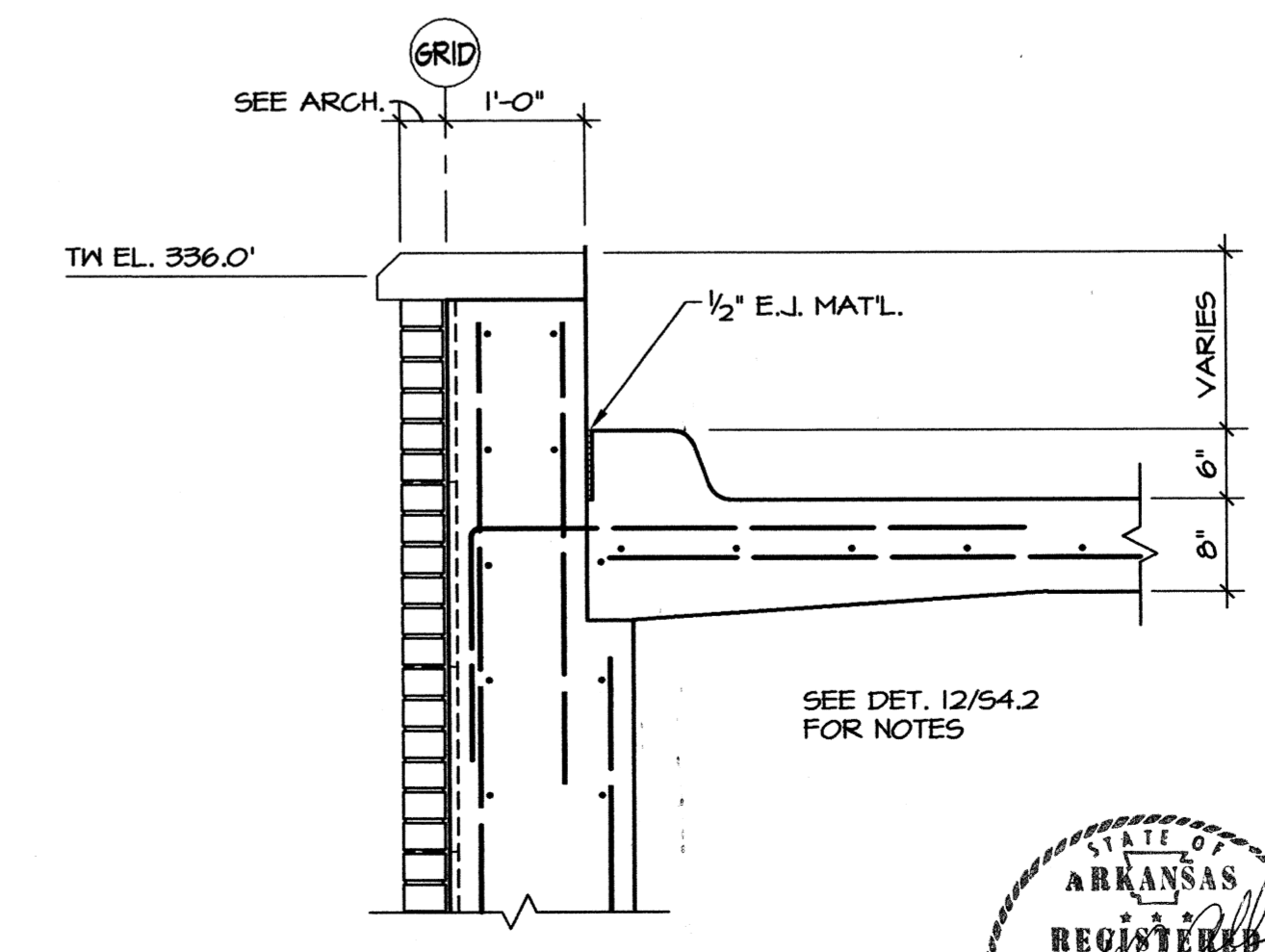
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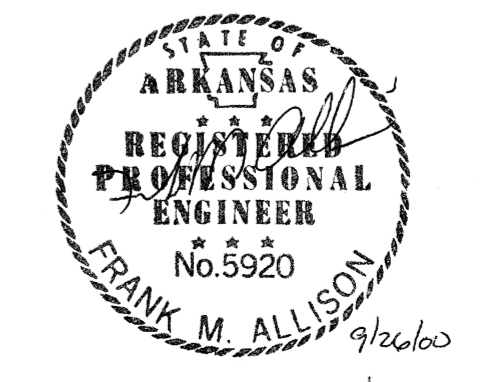
9 SECTION
3/4"=1'-0"



10 SECTION
3/4"=1'-0"



11 SECTION
3/4"=1'-0"



Materials Keying

**A NEW
PARKING STRUCTURE
FOR
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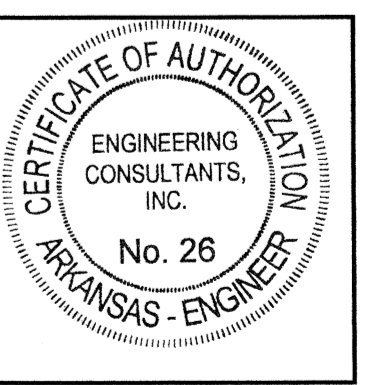
JONESBORO, ARKANSAS

JOB NUMBER 9914

**BROOKS JACKSON
ARCHITECTS**

2228 Cottendale Lane Little Rock, AR 72202 (501) 664-8700

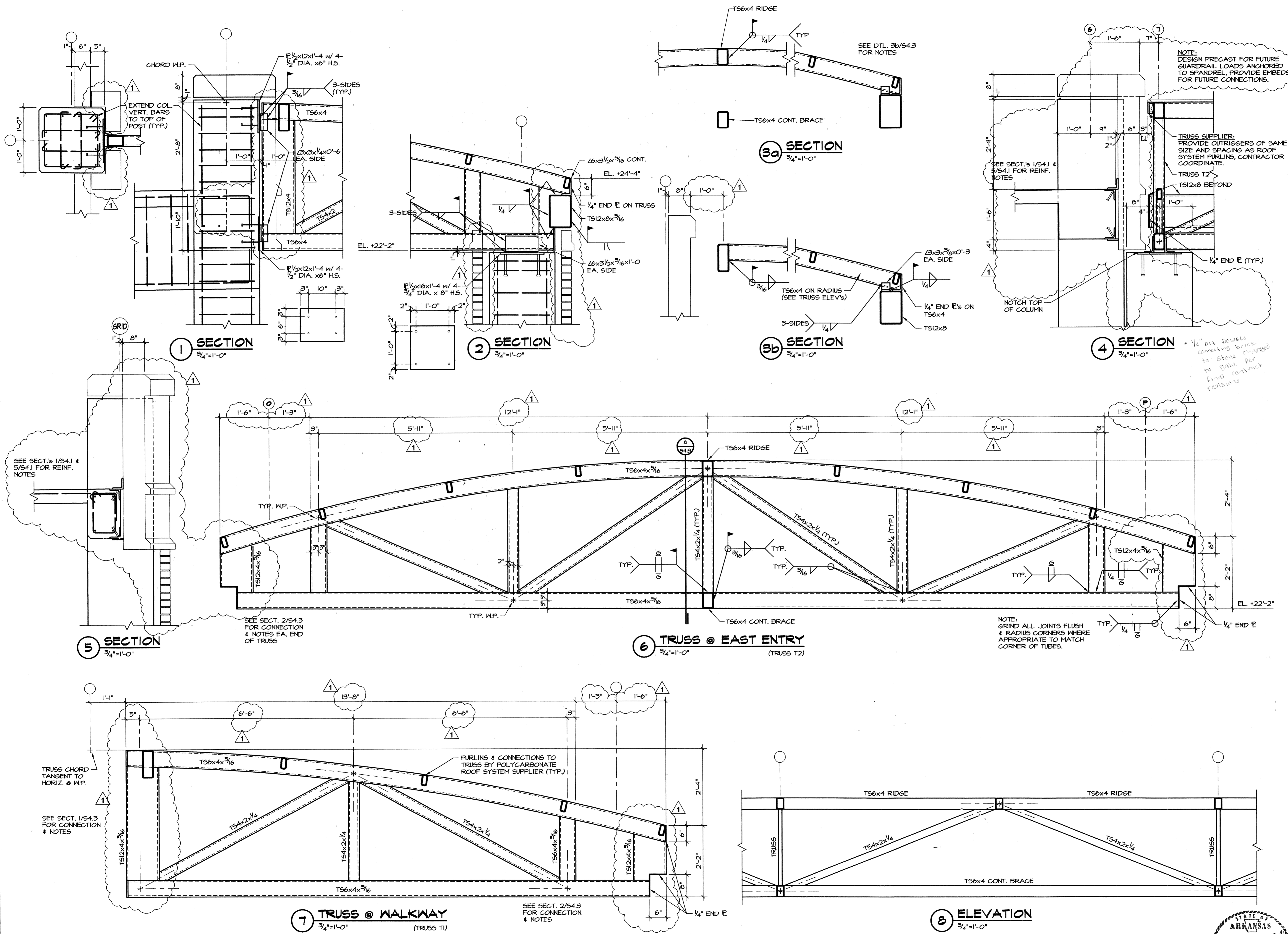
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Little Rock, Arkansas 72201 (501) 376-3752



Date
25 SEPTEMBER 00
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Sheet Title
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Sheet Number
S4.2



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A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY

JONESBORO, ARKANSAS

JOB NUMBER	9914
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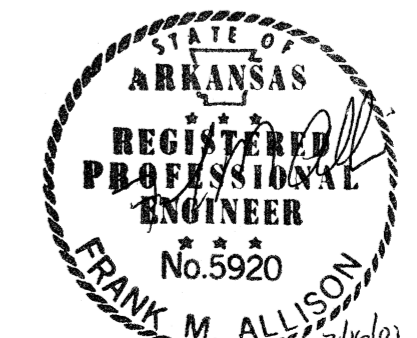
2228 Cottendale Lane Little Rock, AR 72202 (501) 664-8700

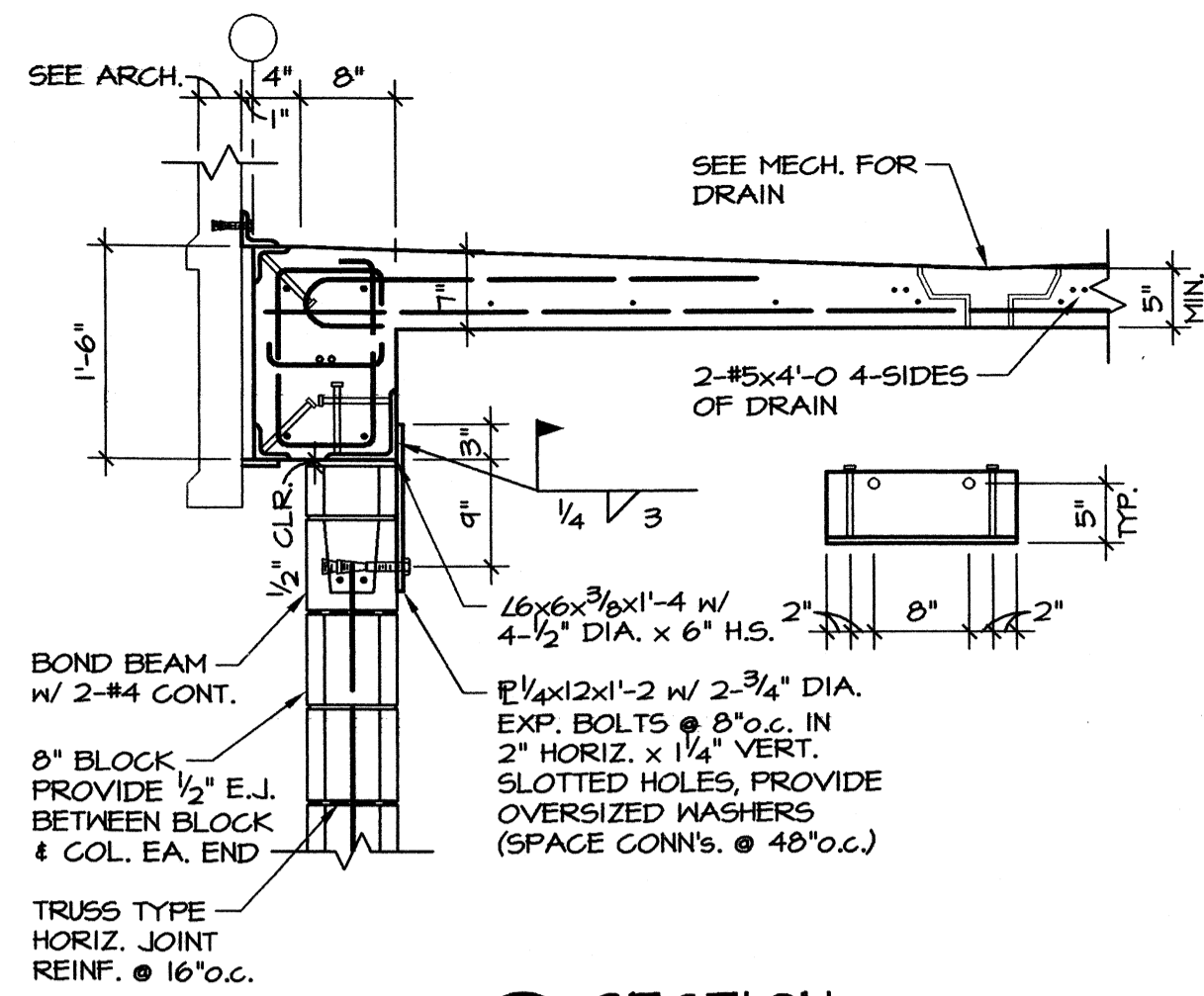
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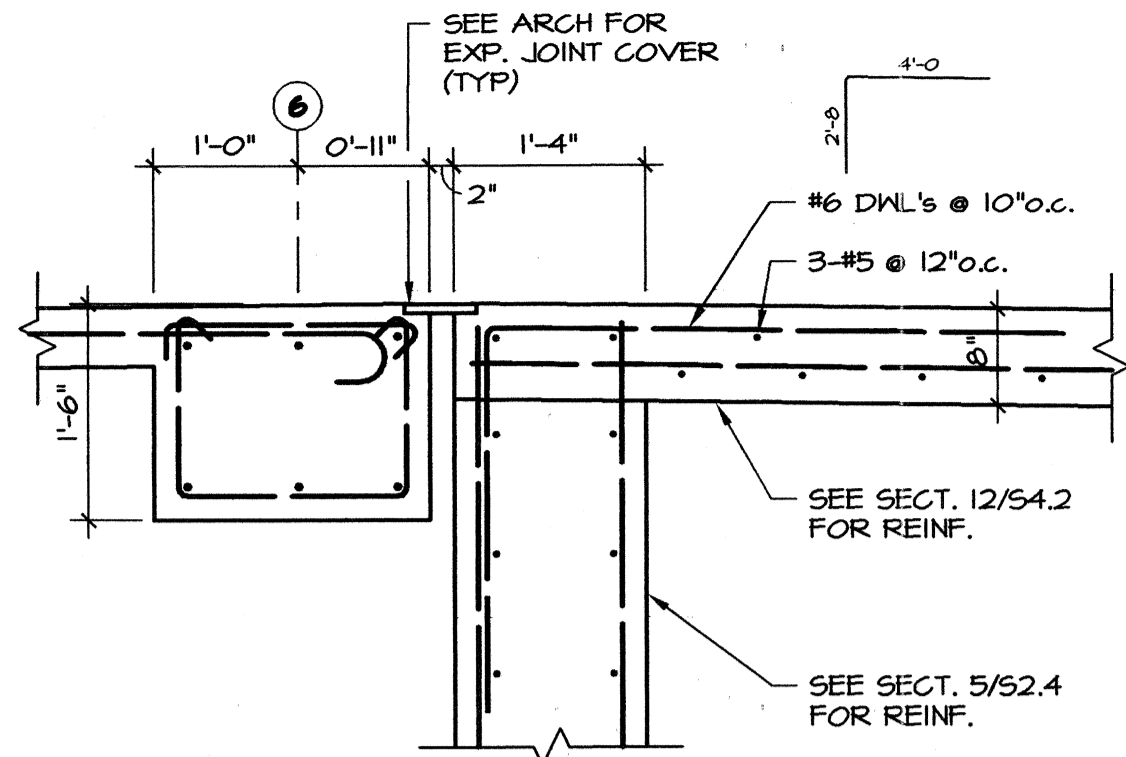
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	Revisions	16 FEBRUARY 01

Sheet Title	Sheet Number
FRAMING DETAILS	S4.3

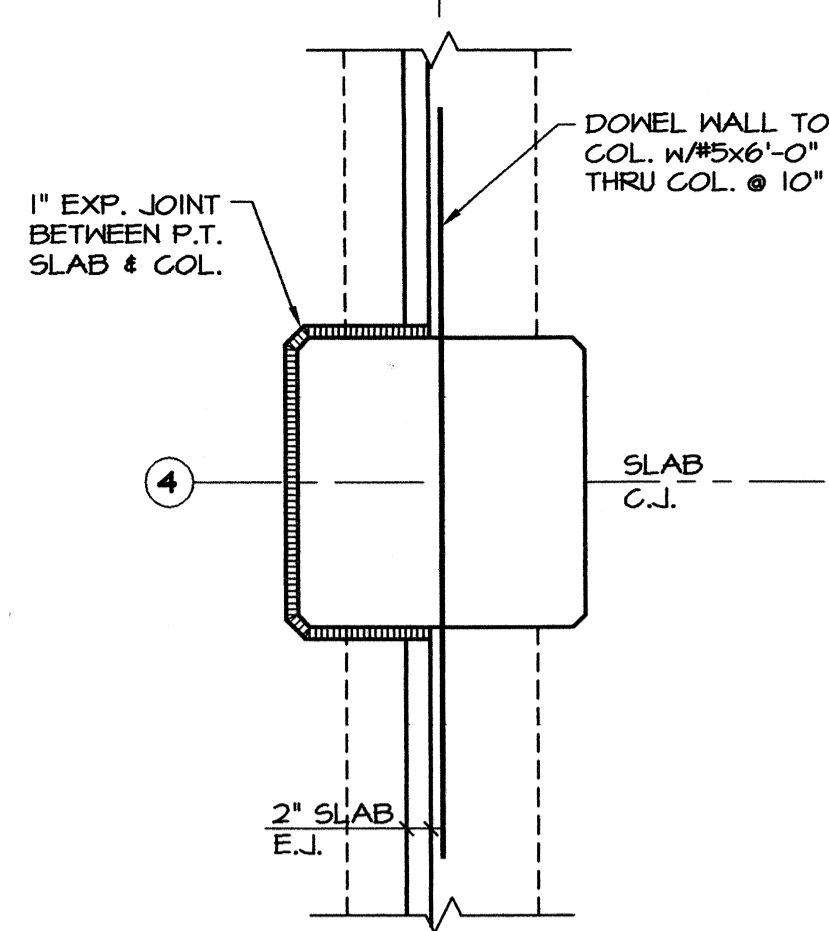




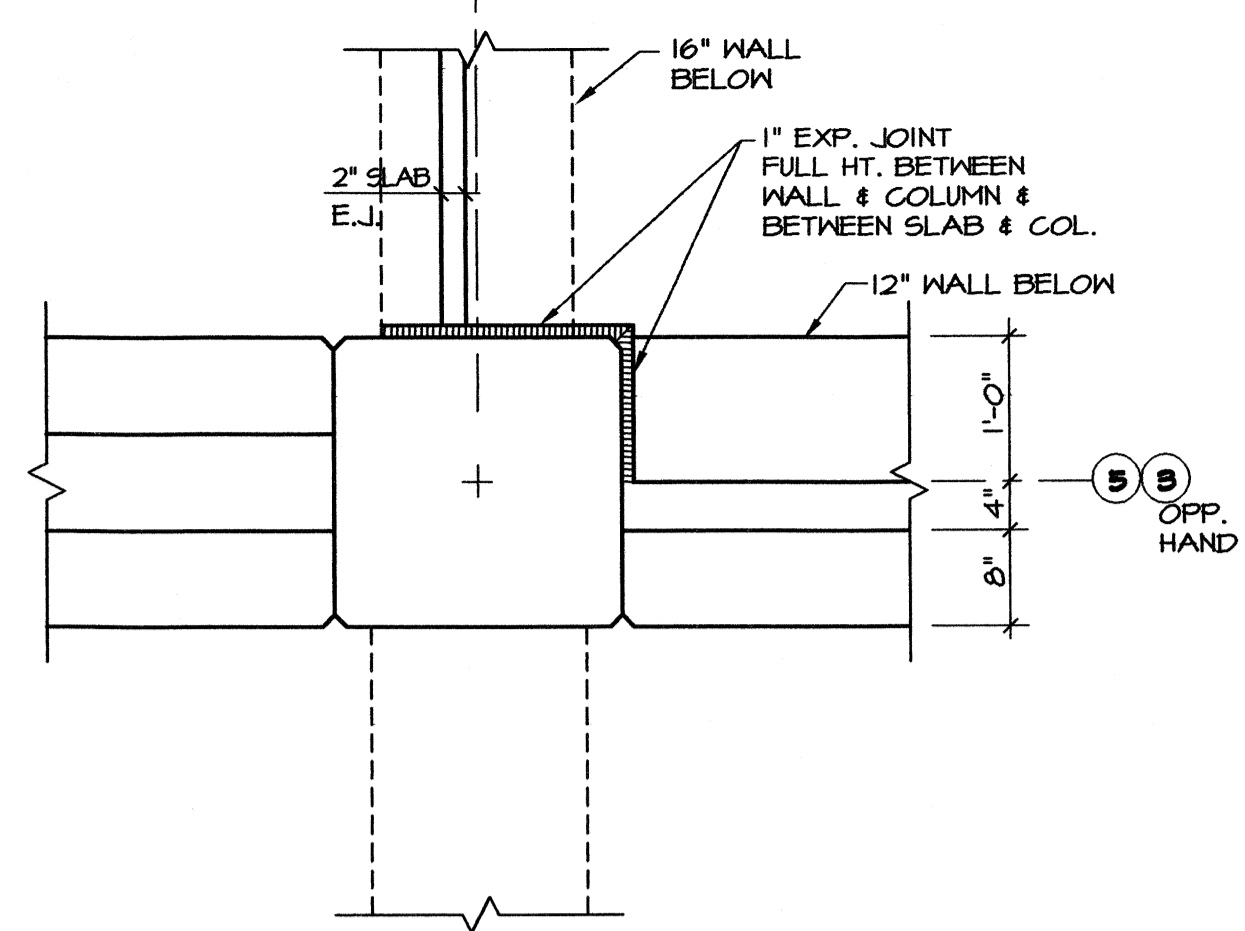
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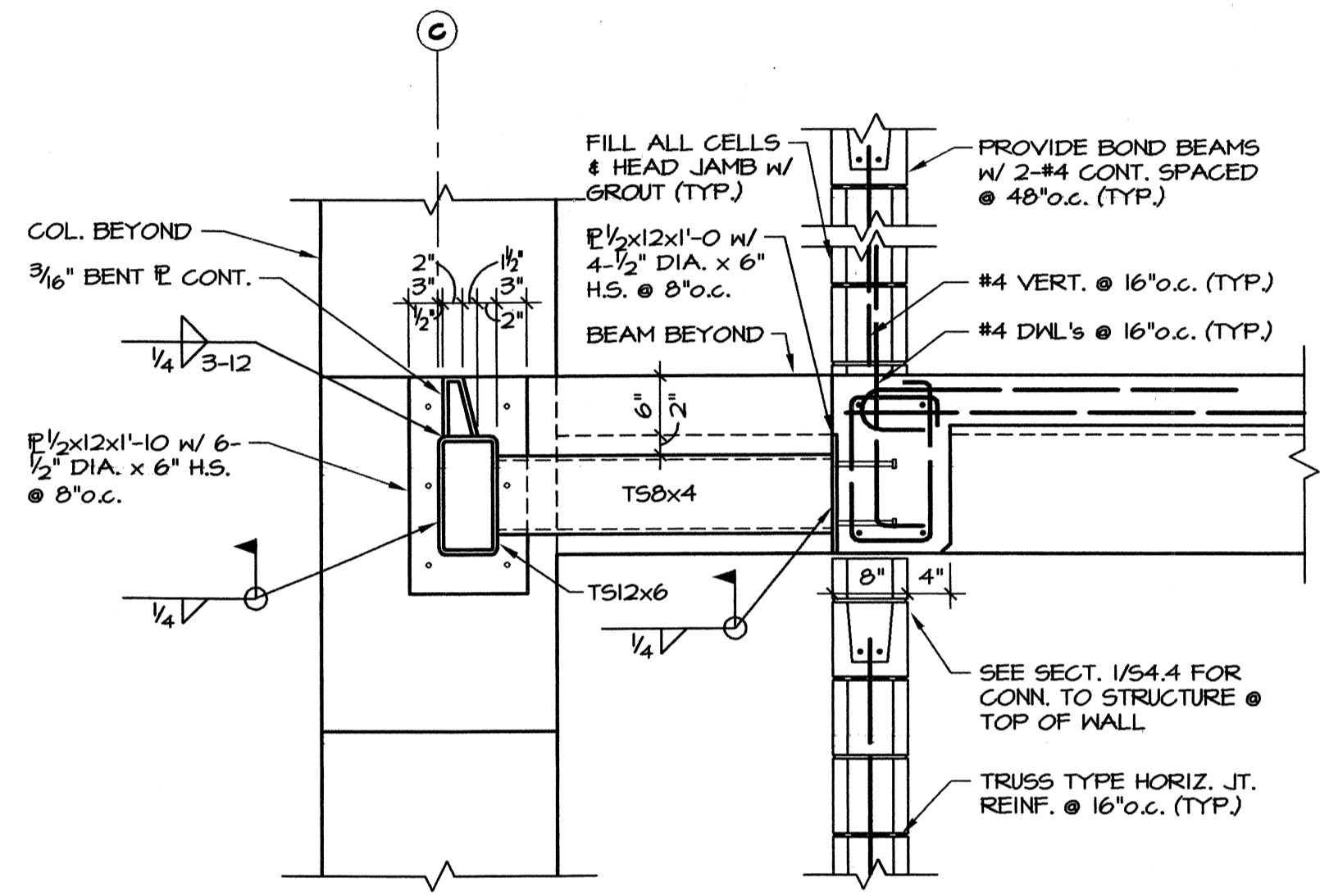
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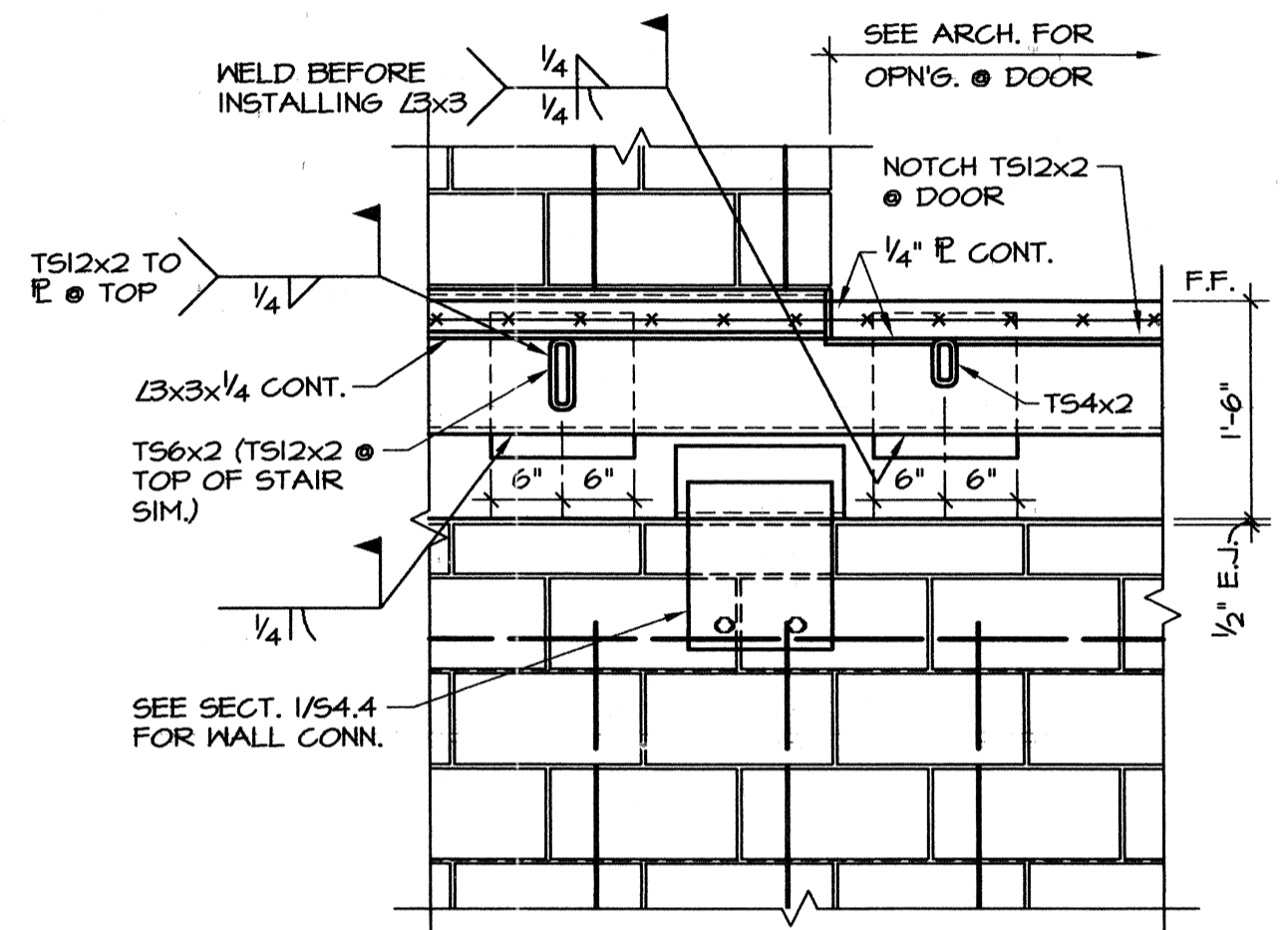
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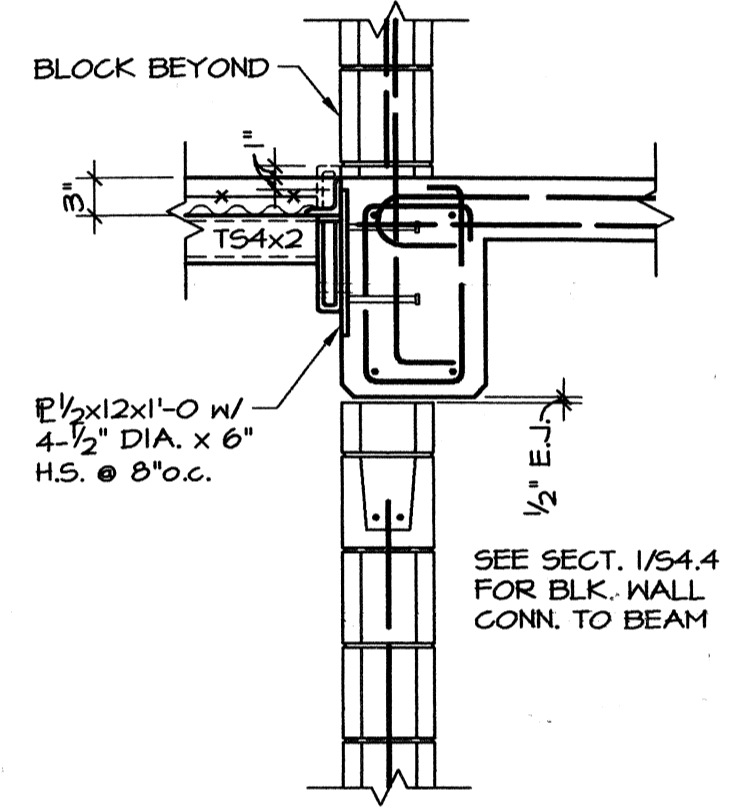
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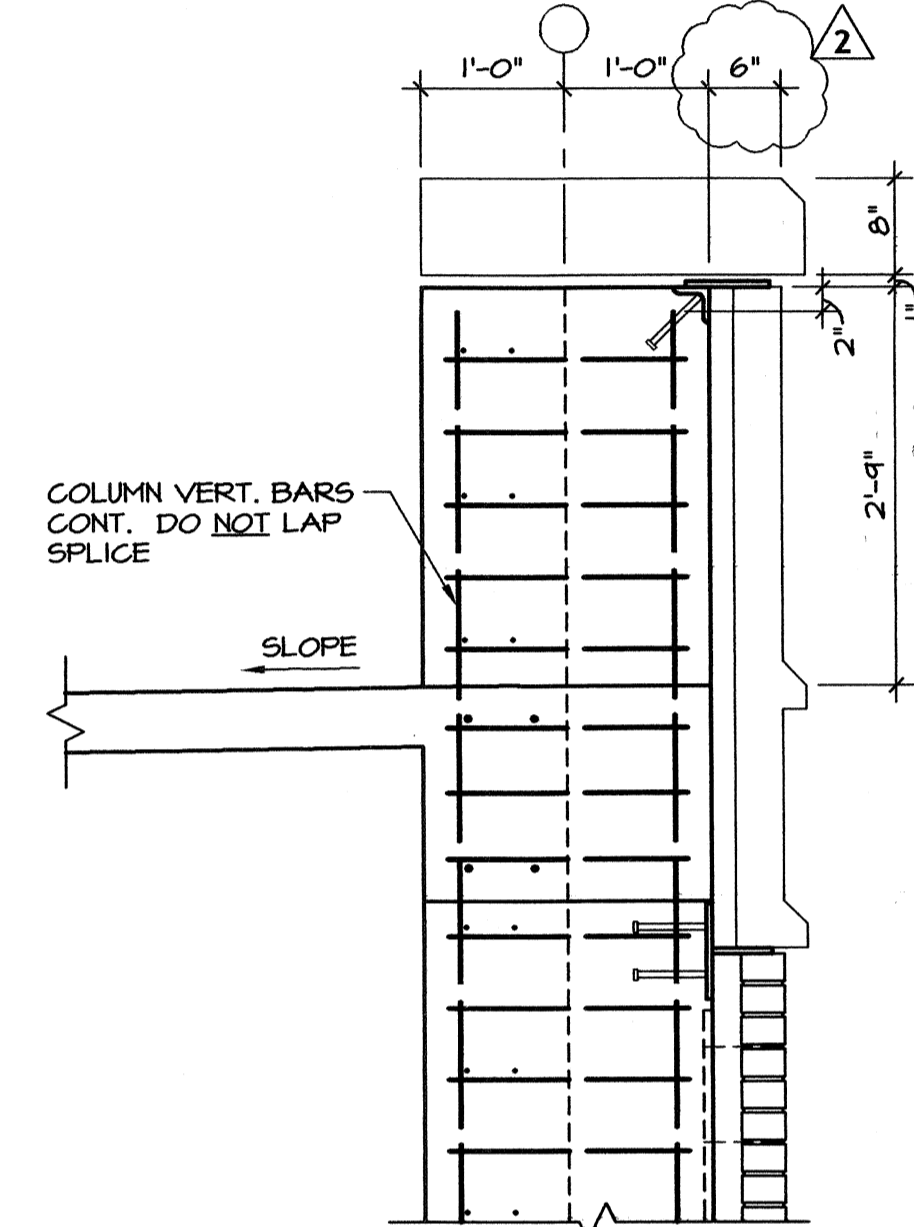
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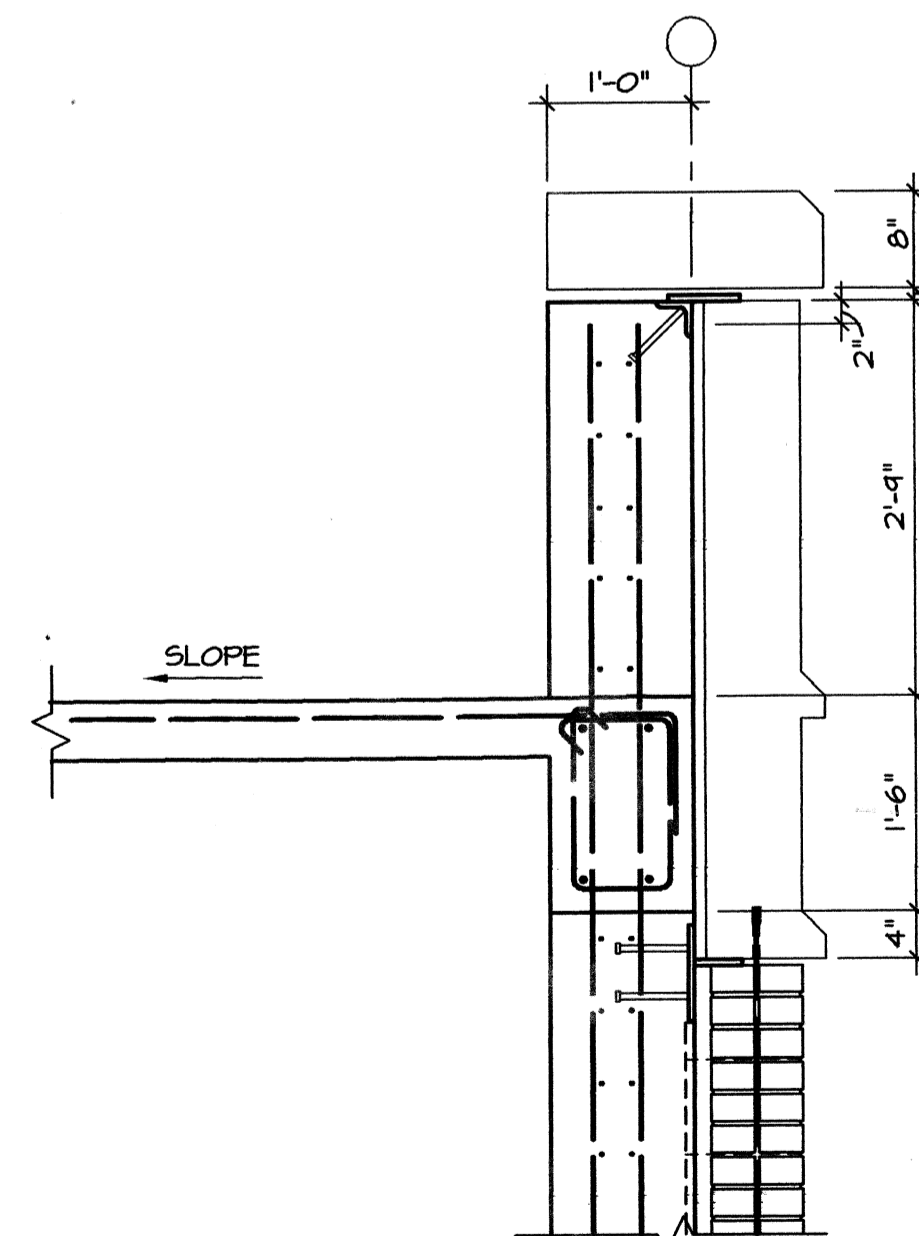
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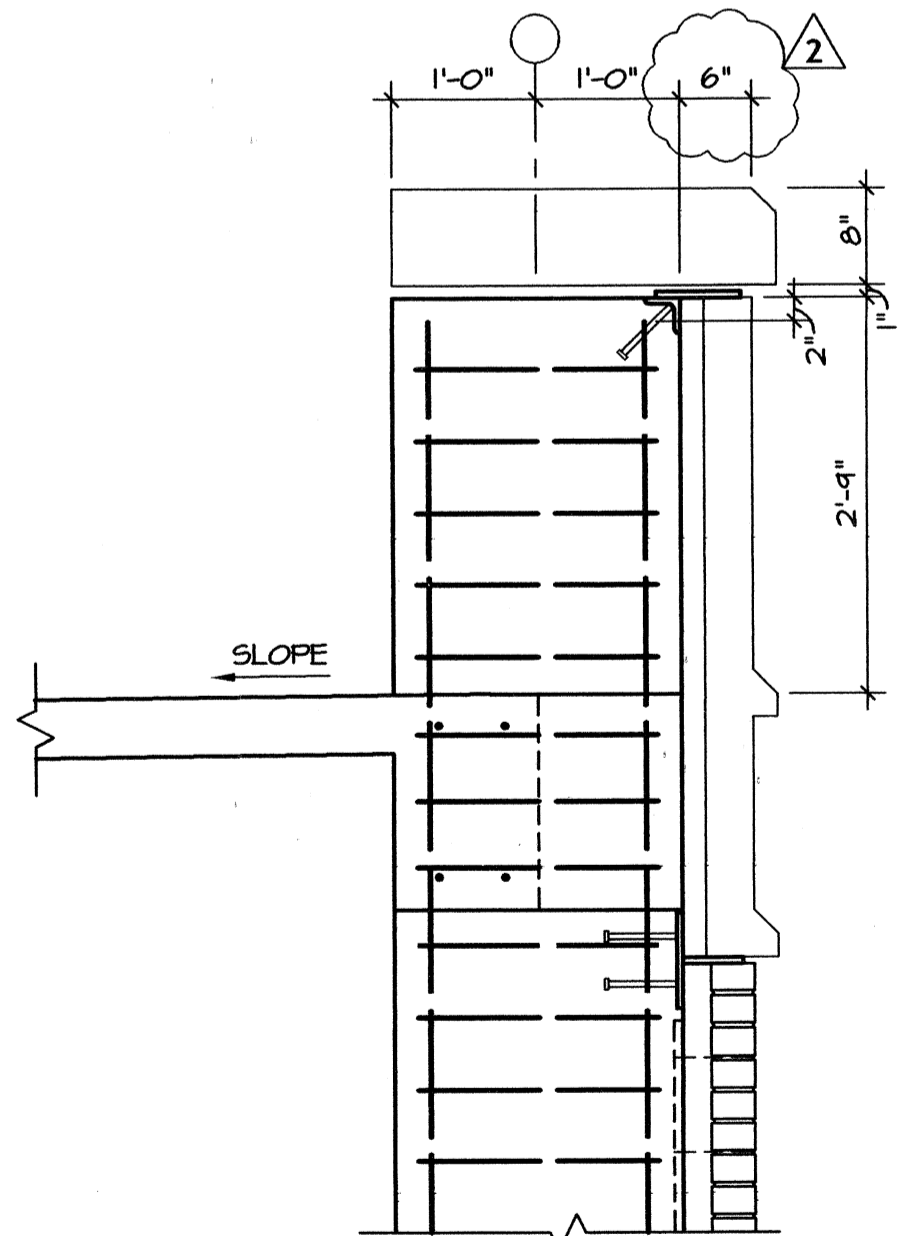
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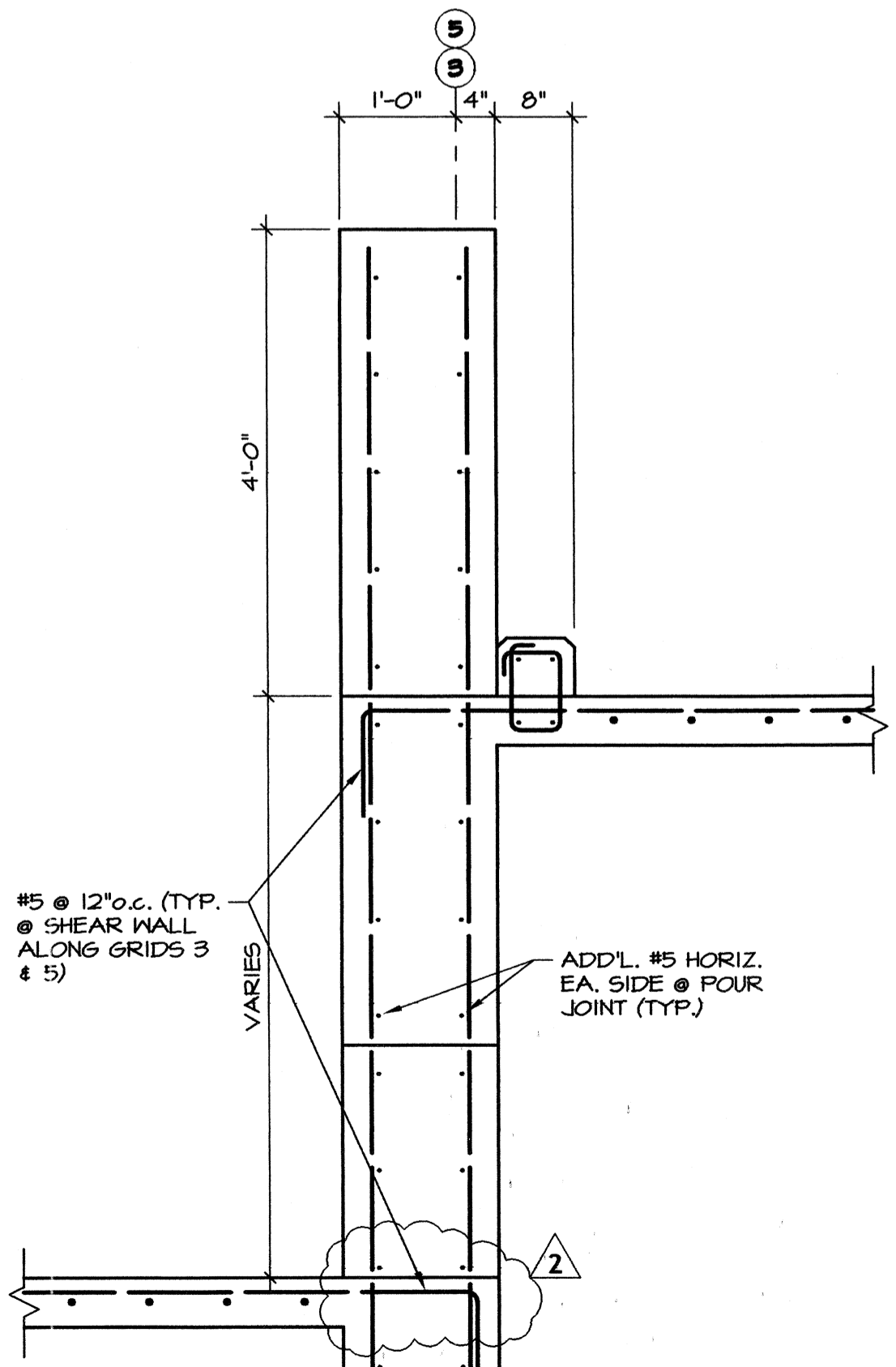
8 SECTION
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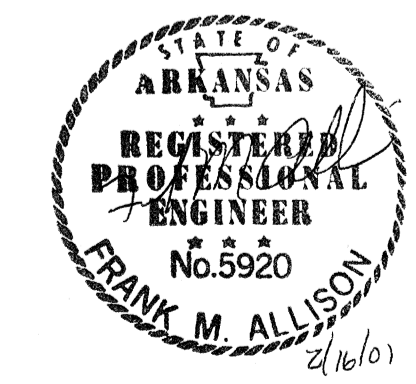
9 SECTION
3/4"=1'-0"



10 SECTION
3/4"=1'-0"



11 SECTION
3/4"=1'-0"



Materials Keying

A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY
JONESBORO, ARKANSAS

JOB NUMBER 9914

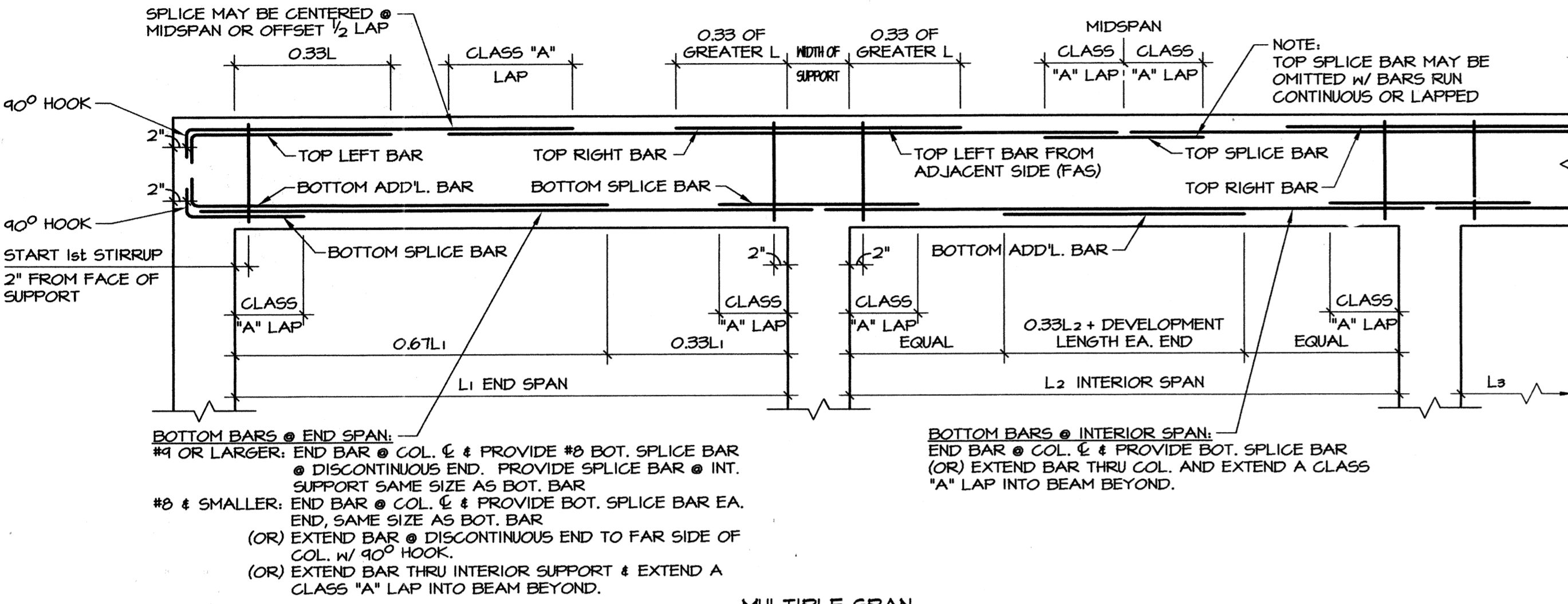
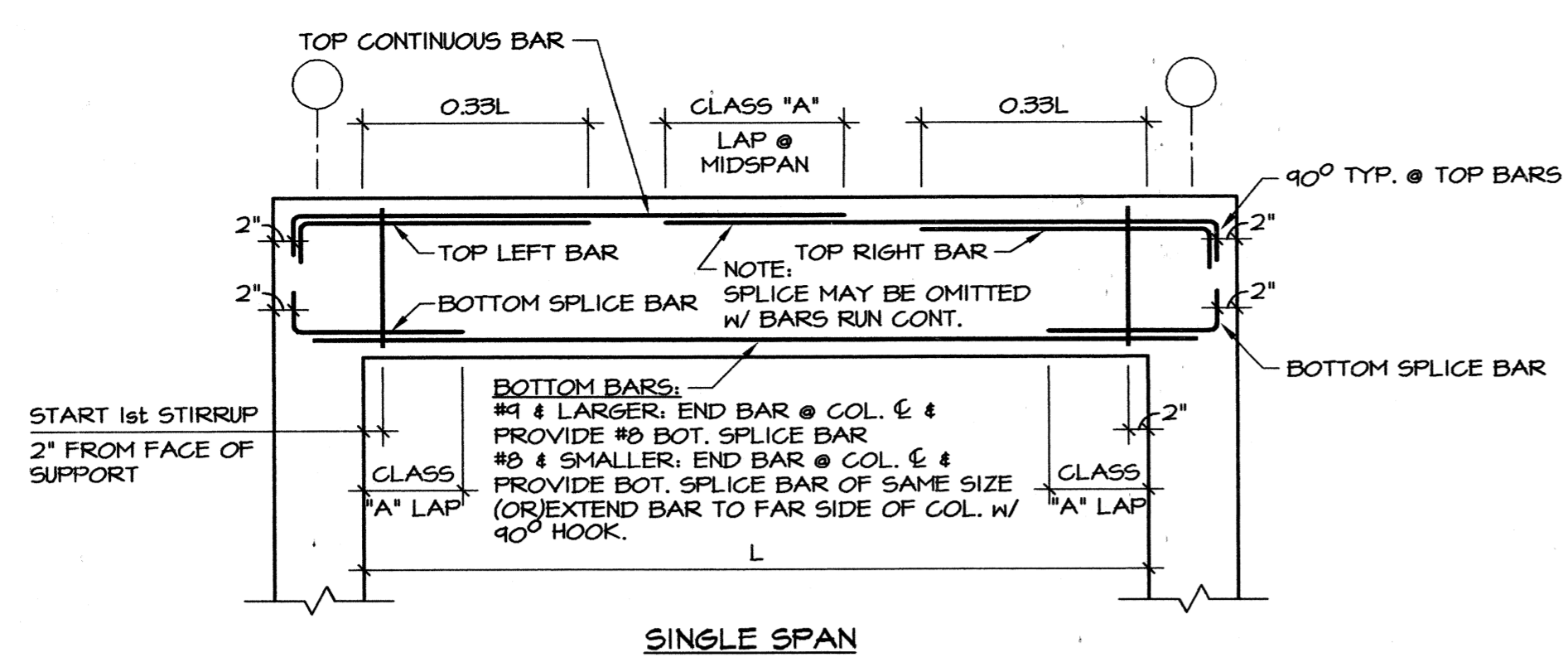
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ARCHITECTS
2228 Cottendale Lane Little Rock, AR 72202 (501) 664-8700
ENGINEERING CONSULTANTS, INC.
401 West Capitol Avenue Suite 305
Little Rock, Arkansas 72201 (501) 376-3752

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No. 26
ARKANSAS - ENGINEER

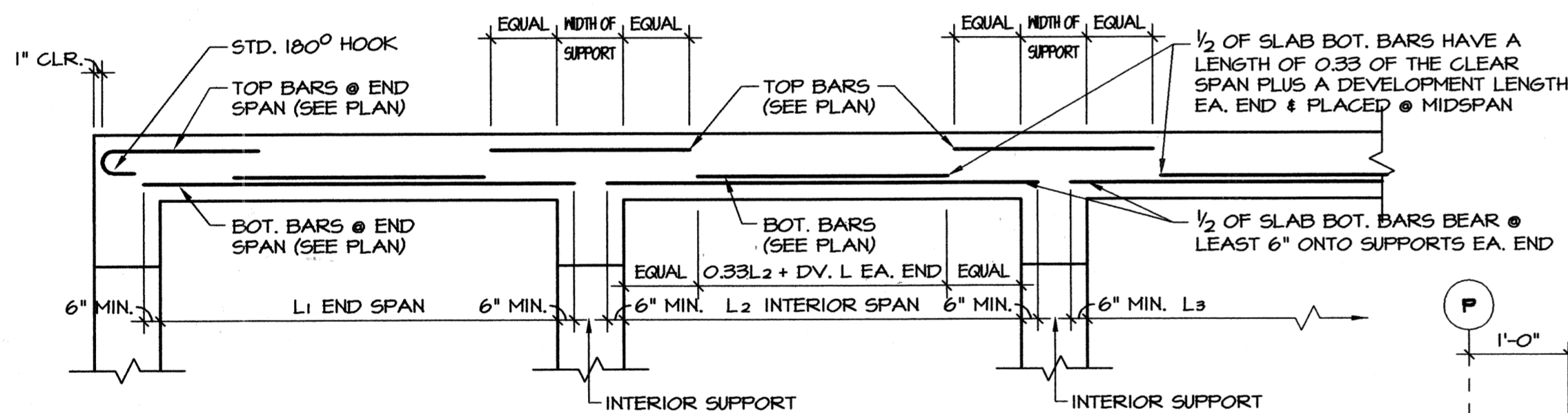
Date
25 SEPTEMBER 00
Revisions
1 11 OCTOBER 00
2 16 FEBRUARY 01

Sheet Title
FRAMING DETAILS

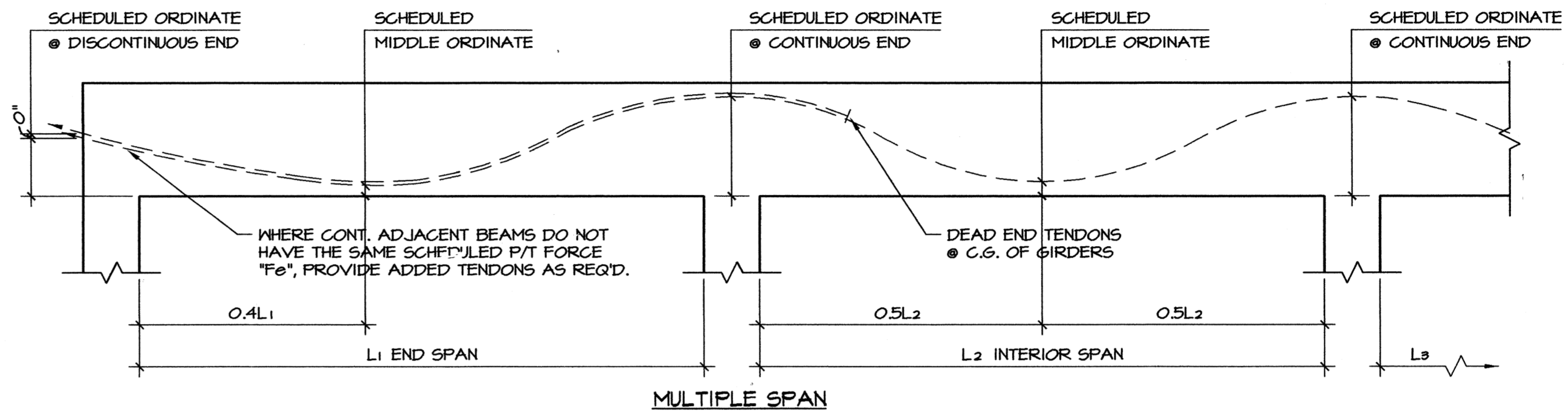
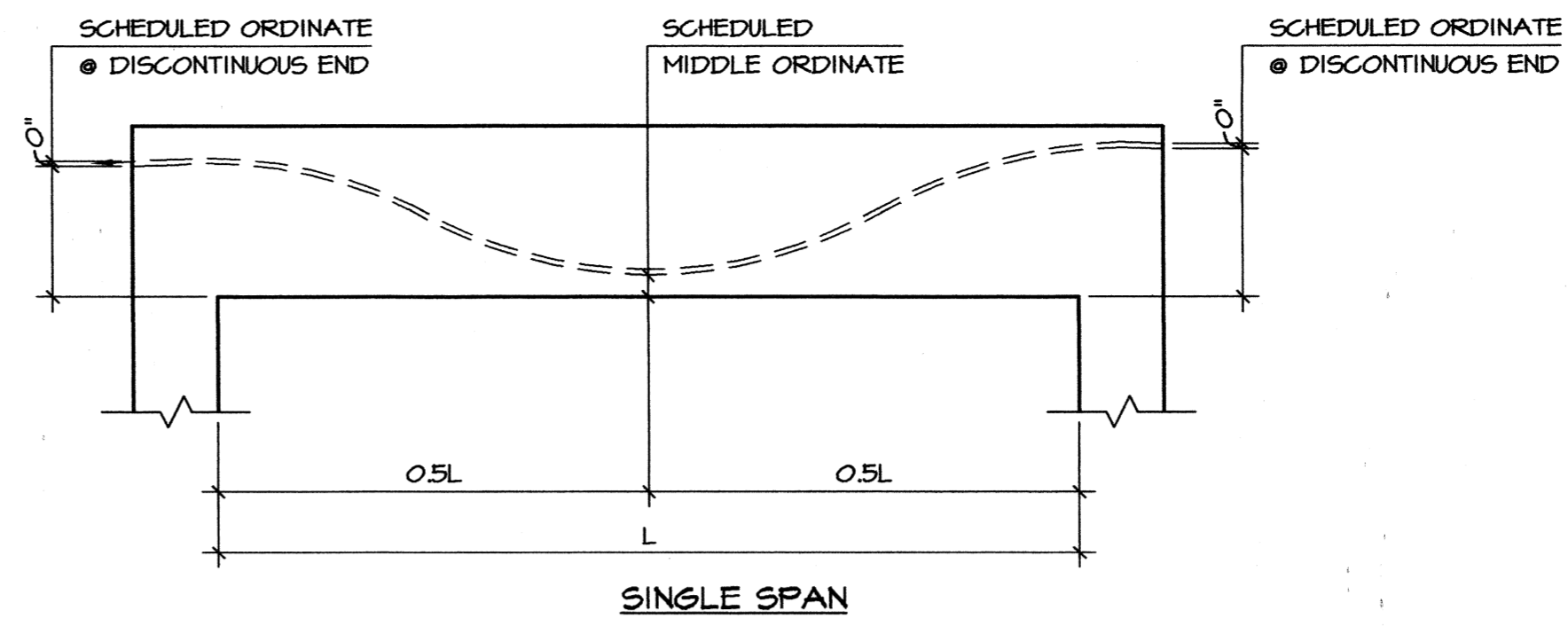
Sheet Number
S4.4



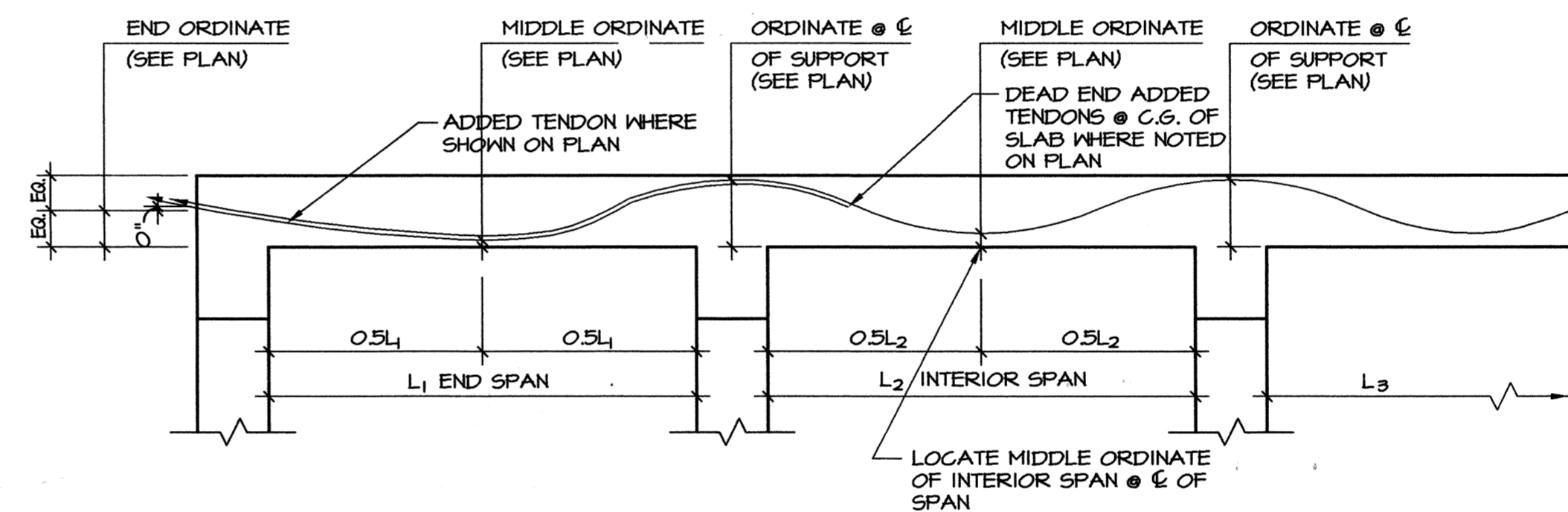
1 P/T BEAM REINFORCING DIAGRAM
NOT TO SCALE



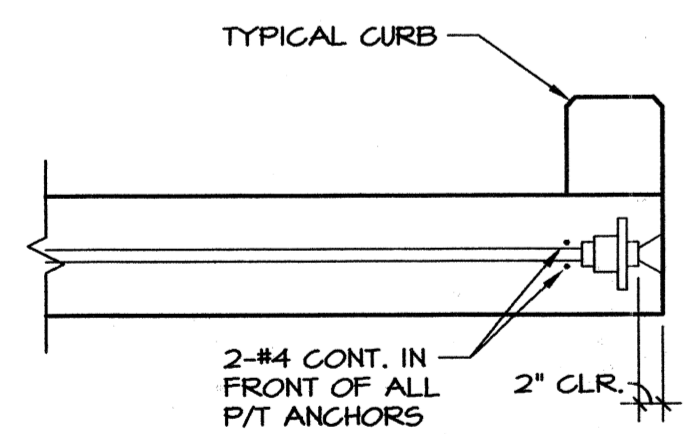
3 P/T SLAB REINFORCING DIAGRAM
NOT TO SCALE



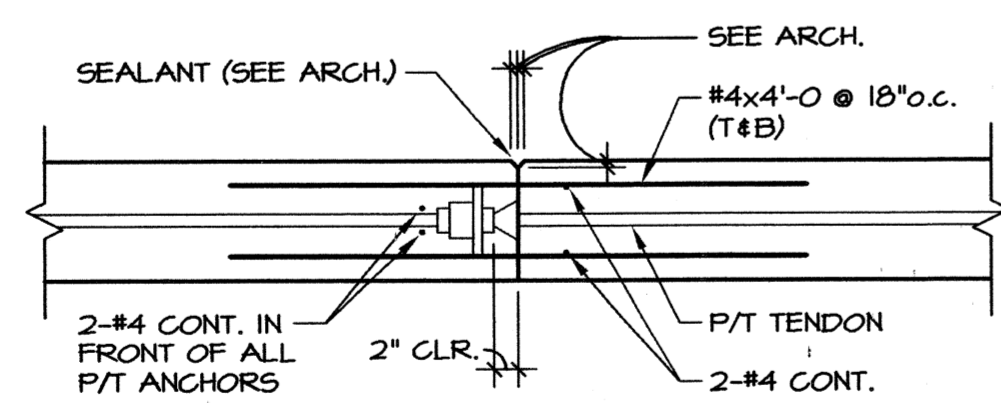
2 POST-TENSION BEAM DIAGRAM
NOT TO SCALE



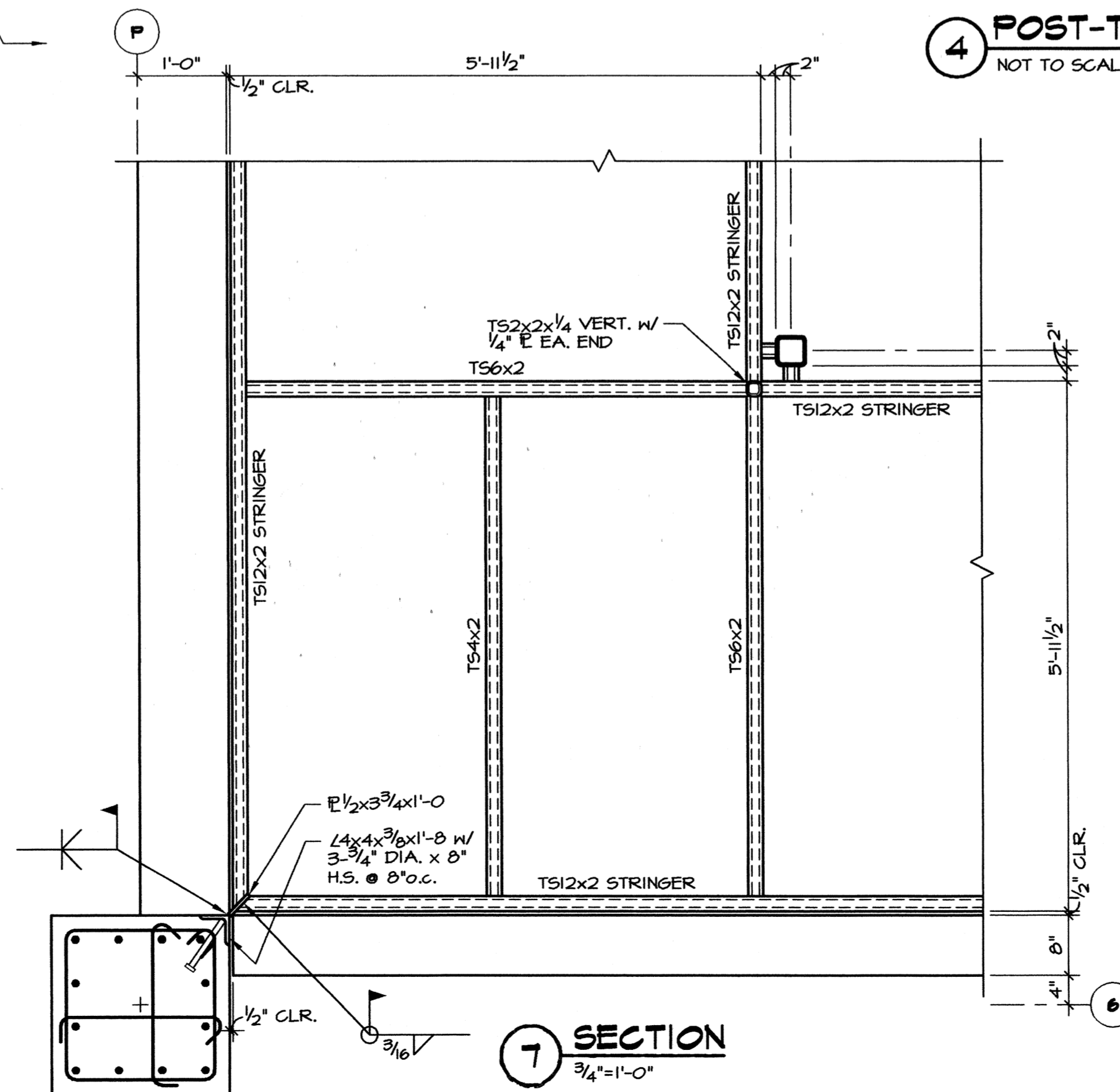
4 POST-TENSION SLAB DIAGRAM
NOT TO SCALE



5 TYP. P/T SLAB EDGE
NOT TO SCALE



6 TYP. CONST. JOINT IN P/T SLAB
NOT TO SCALE



7 SECTION
3/4\"/>



Materials Keying

**A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY**

JONESBORO, ARKANSAS

JOB NUMBER 9914

**BROOKS JACKSON
ARCHITECTS**

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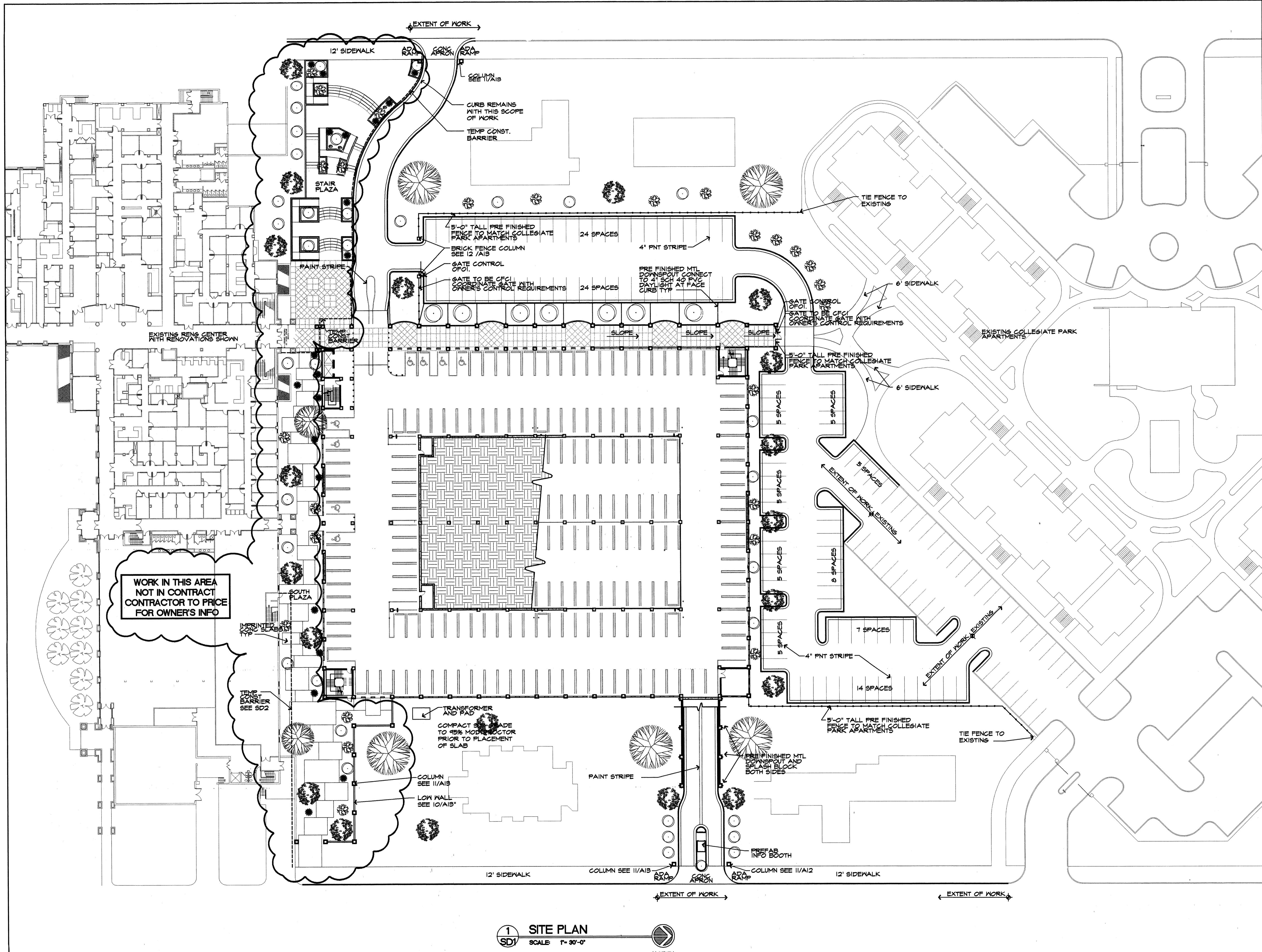
ENGINEERING CONSULTANTS, INC.
401 West Capitol Avenue Suite 305
Little Rock, Arkansas 72201 (501) 376-3752

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ENGINEERING CONSULTANTS, INC.
No. 26
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Date
25 SEPTEMBER 00
Revisions

Sheet Title Sheet Number

TYPICAL BEAM AND SLAB DETAILS **S5.1**



1 SITE PLAN
 SD1 SCALE 1"=30'-0"
 NORTH

General Notes

Materials Keying

A NEW
 PARKING STRUCTURE
 FOR
 ARKANSAS STATE UNIVERSITY
 JONESBORO, ARKANSAS

BJA JOB NUMBER 9914
 ASBS JOB NUMBER 0003.01

BROOKS JACKSON
 ARCHITECTS
 2228 Cottondale Lane - Little Rock, AR 72202 - (501) 664-8700

Carl Walker
 Parking Planning Engineering Restoration
 16200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 488-8665

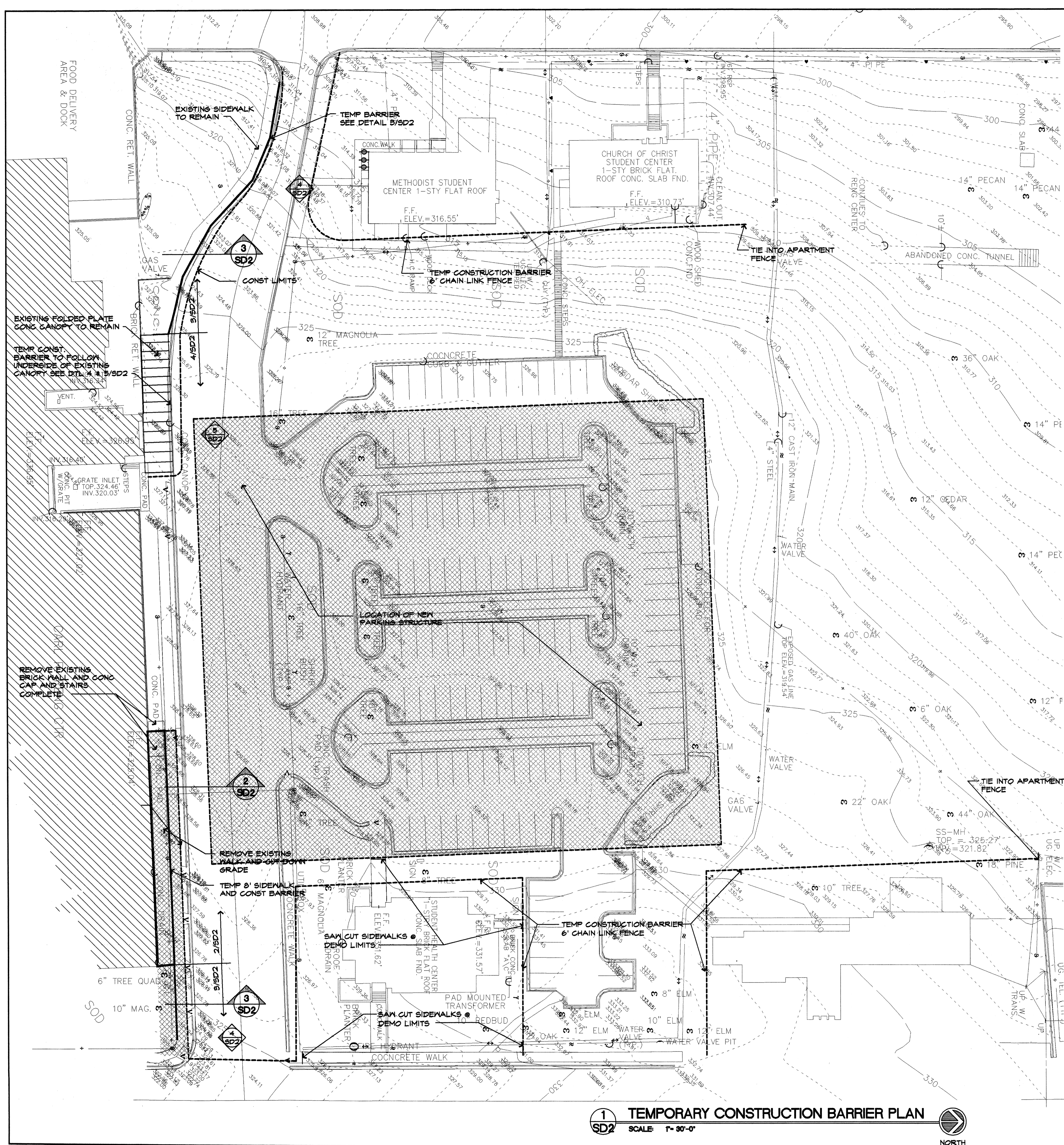


Date 22 SEPTEMBER 00
 Revisions

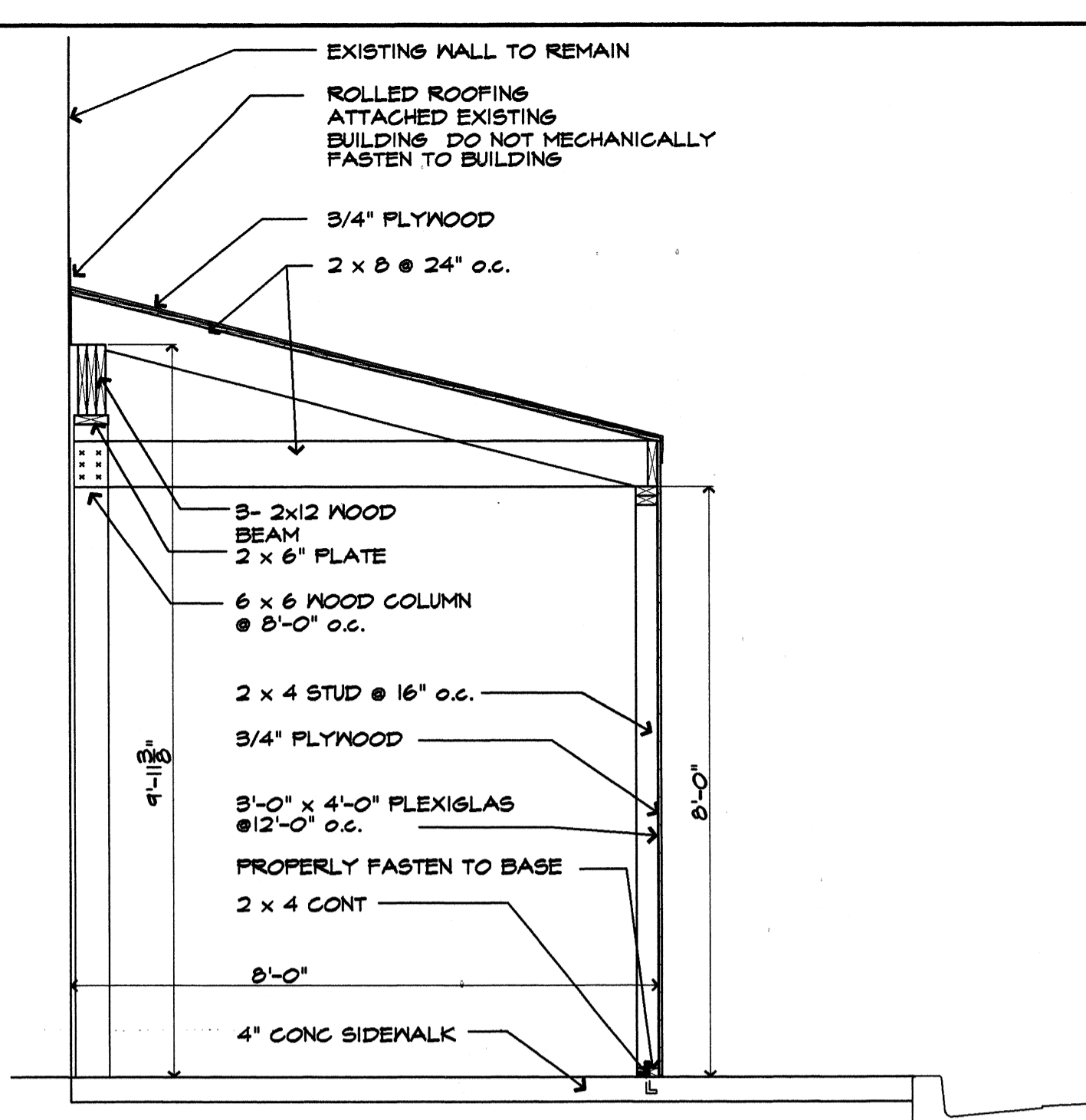
Sheet Title
 SITE DEVELOPMENT PLAN

Sheet Number
 SD1

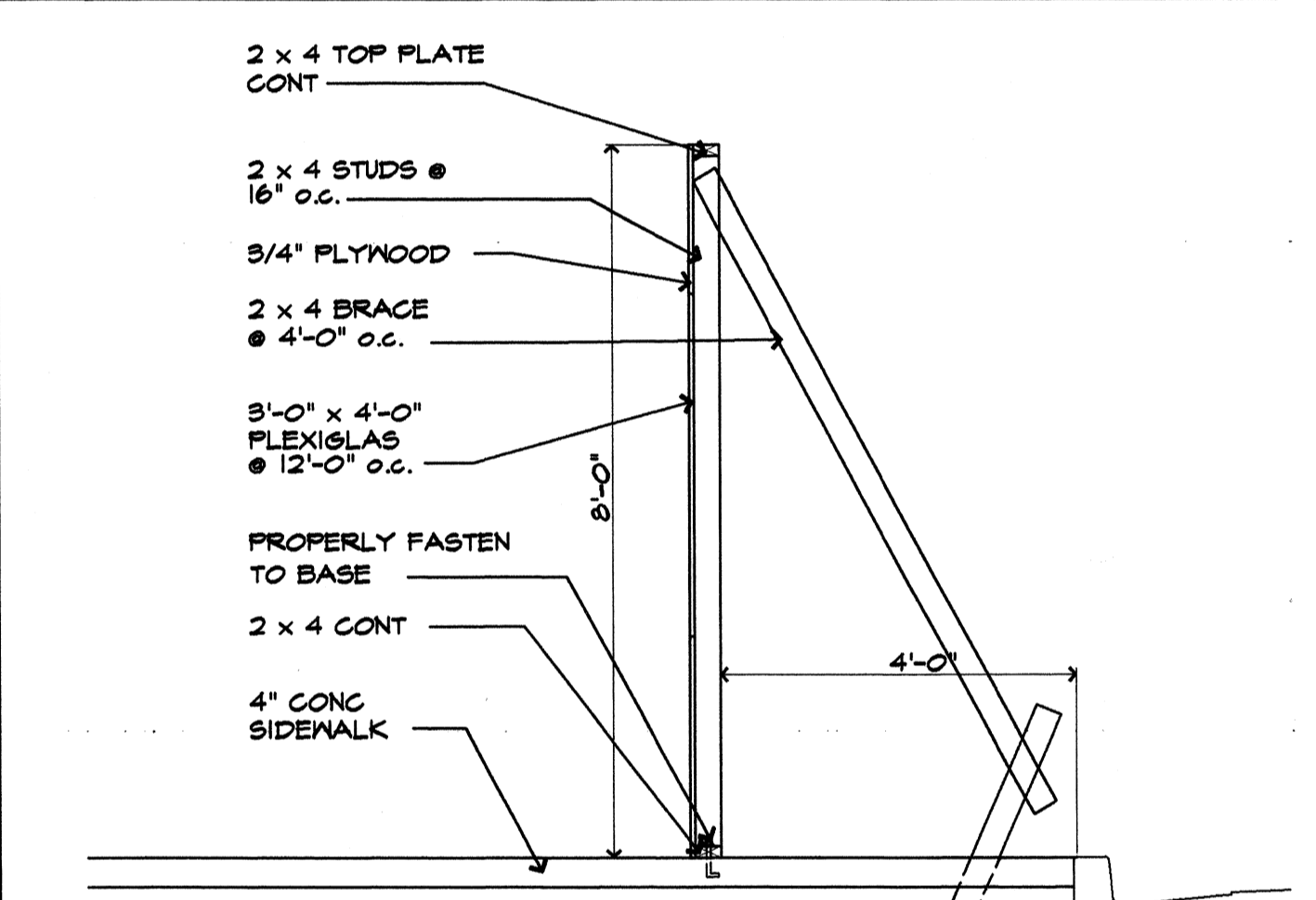
Copyright 2000 BJA



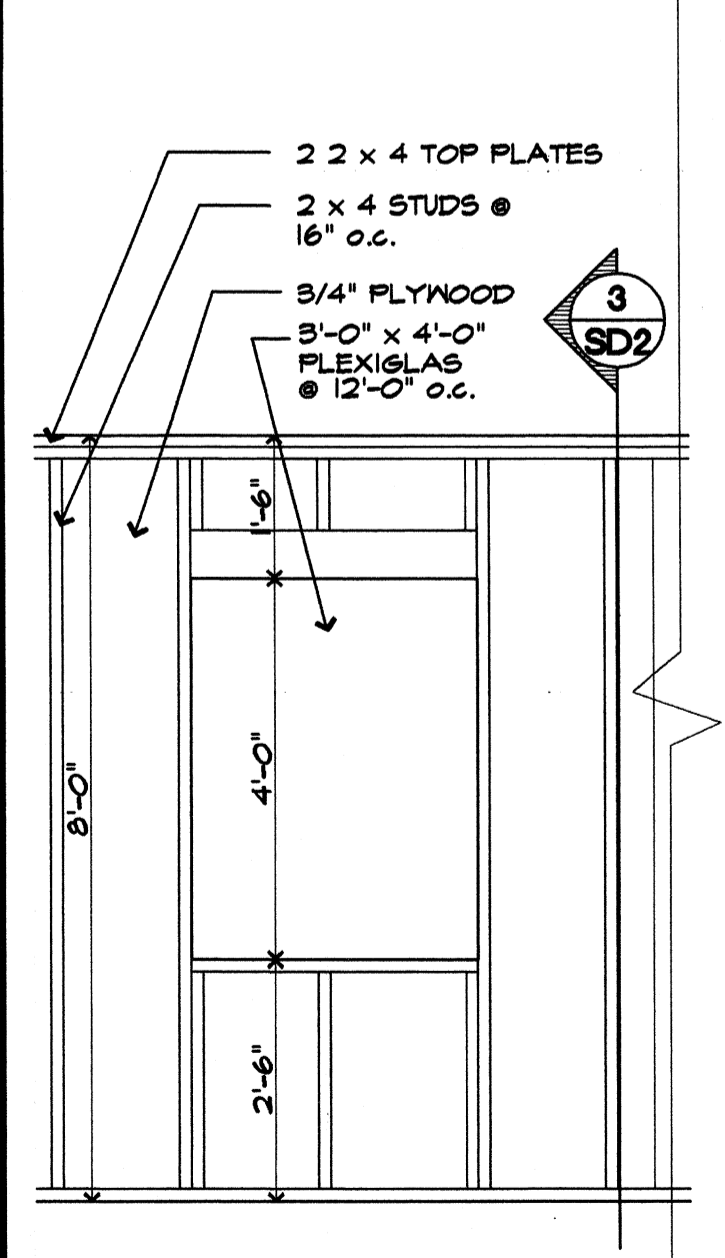
1 TEMPORARY CONSTRUCTION BARRIER PLAN
 SD2 SCALE: 1" = 30'-0"
 NORTH



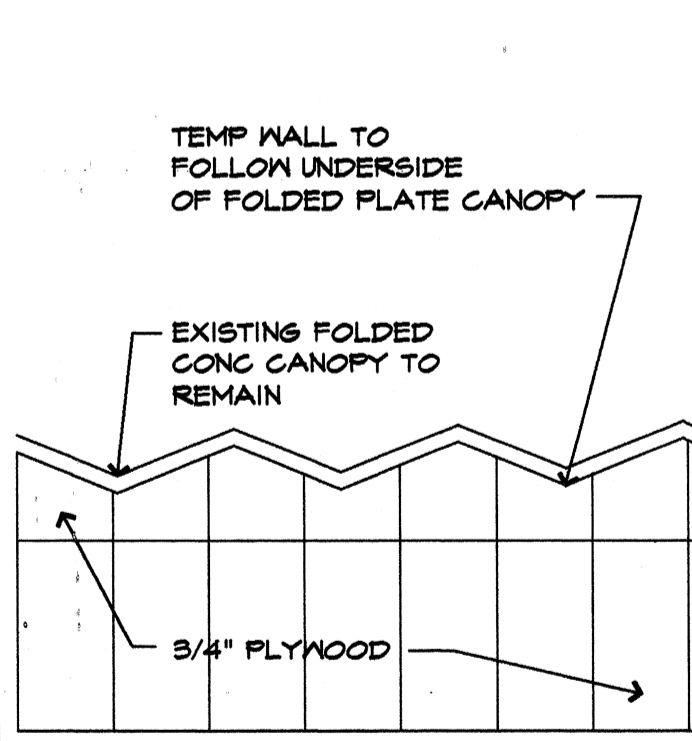
2 TEMPORARY PROTECTION TUNNEL
 SD2 SCALE: 1/2" = 1'-0"



3 TEMPORARY CONSTRUCTION BARRIER SECTION
 SD2 SCALE: 1/2" = 1'-0"



4 TEMP BARRIER ELEV
 SD2 SCALE: 1/2" = 1'-0"



5 TEMP BARRIER ELEV
 SD2 SCALE: 1/8" = 1'-0"

- General Notes**
- COORDINATE EXACT LOCATION OF ALL TEMP FENCING WITH THE UNIVERSITY PRIOR TO CONST.
 - COORDINATE PHASING @ TEMP BARRIER AND WALKS WITH UNIV. PRIOR TO CONSTRUCTION
 - CONTRACTOR TO MAINTAIN CLEAR EGRESS REQUIREMENTS FROM THE RENS CENTER AS REQ'D BY CODE AND AS DESIRED BY THE UNIVERSITY.
 - SAW CUT ALL SIDEWALK, CURBS, ETC @ DEMO AREA.

Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY

JONESBORO, ARKANSAS

JOB NUMBER 9914
0003.01

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2228 Cottondale Lane - Little Rock, AR 72202 - (501) 664-8700

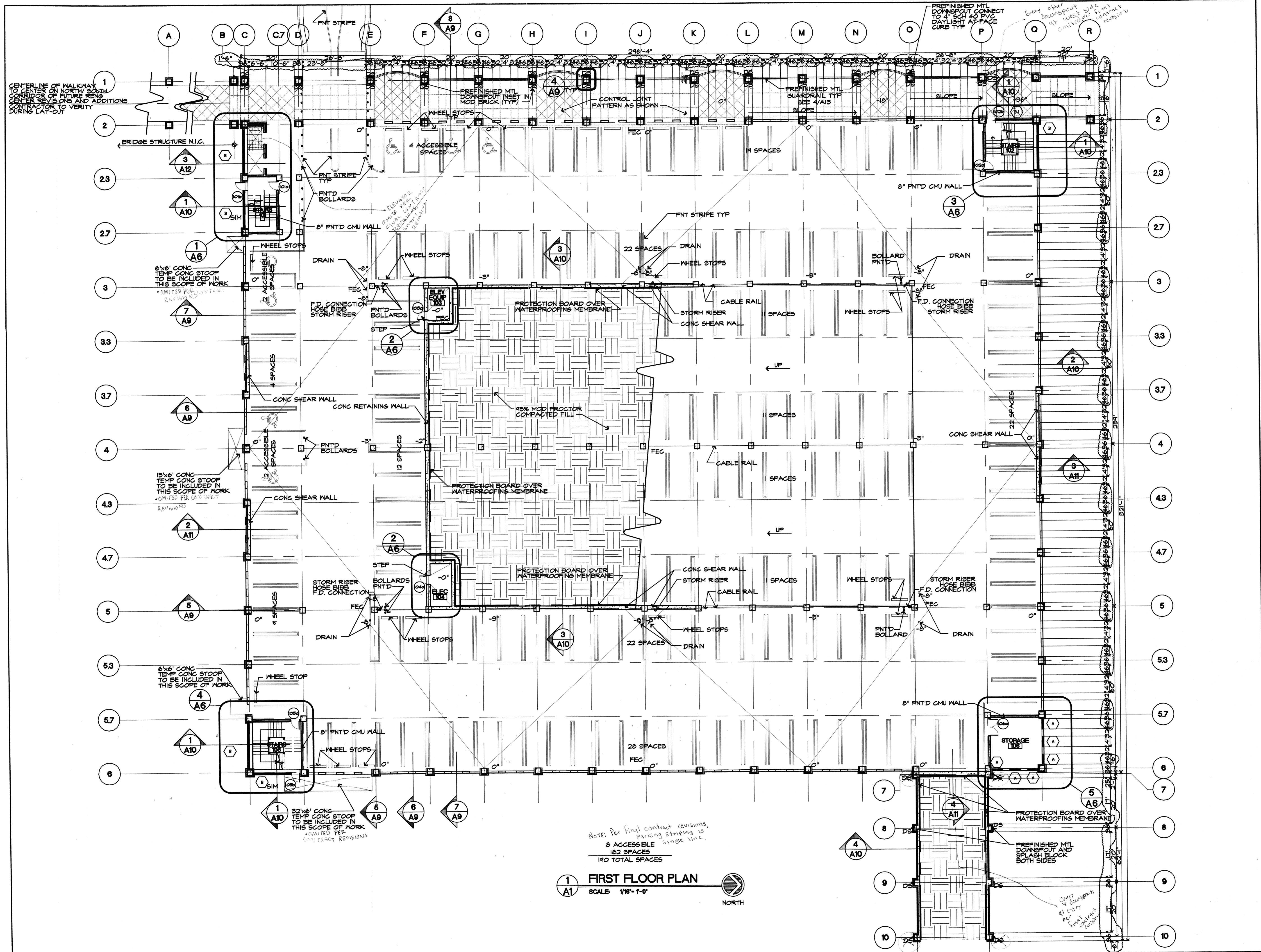
Corporate Registration
 BROOKS JACKSON ARCHITECTS
 ARCHITECT C34 - ARKANSAS

Date 22 SEPTEMBER 00
 Revisions

Sheet Title
 TEMPORARY CONSTRUCTION BARRIER PLAN

Sheet Number
 SD2

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- General Notes**
1. ALL DIMENSIONS ARE TO FACE OF MASONRY, Q. OF COLUMN OR FACE OF WALL, UNO.
 2. FIRE EXTINGUISHER CABINETS (FEC) ARE TO BE MOUNTED 48" A.F.F. TO THE TOP OF CABINET.
 3. ALL DOOR HDWR TO MEET THE ADA REQUIREMENTS.

Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY

JONESBORO, ARKANSAS

BJA JOB NUMBER 9914
ASBS JOB NUMBER 0003.01

BROOKS JACKSON ARCHITECTS

2228 Cottdale Lane - Little Rock, AR 72202 - (501) 664-8700

Carl Walker
Parking Planning Engineering Restoration
18200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 458-8855

CORPORATE REGISTRATION
BROOKS JACKSON ARCHITECTS
ARCHITECT C34 - ARKANSAS

Date 22 SEPT 00
Revisions
24 JAN 01

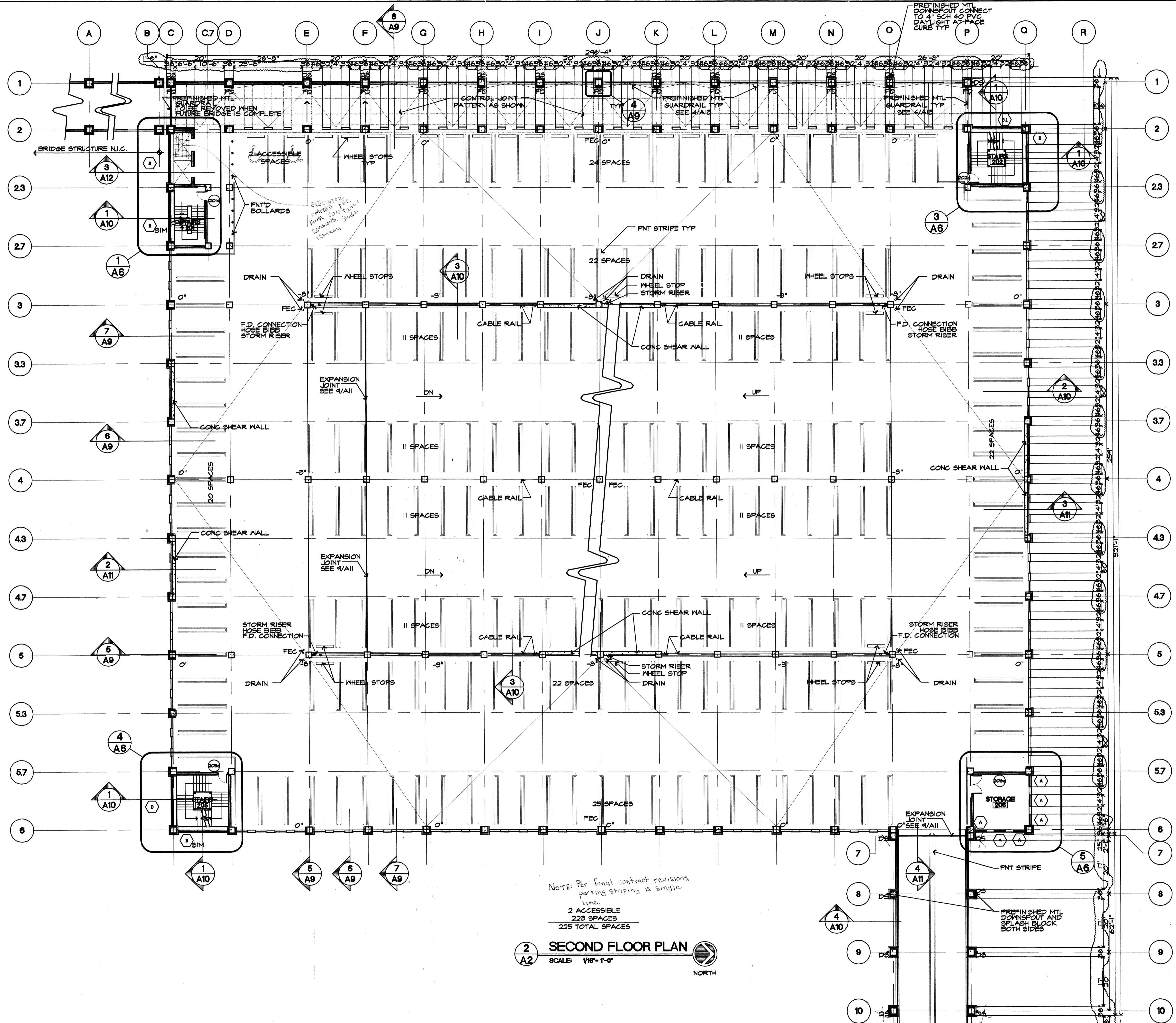
Sheet Title
FIRST FLOOR PLAN

Sheet Number
A1

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1 FIRST FLOOR PLAN
SCALE 1/16" = 1'-0"
NORTH

NOTE: Per final contract revisions, existing striping is to be included in this scope of work.
8 ACCESSIBLE SPACES
182 SPACES
140 TOTAL SPACES



General Notes

1. ALL DIMENSIONS ARE TO FACE OF MASONRY, Q. OF COLUMN OR FACE OF WALL, UNO.
2. FIRE EXTINGUISHER CABINETS (FEC) ARE TO BE MOUNTED 48" A.F.F. TO THE TOP OF CABINET.
3. ALL DOOR HDWR TO MEET THE ADA REQUIREMENTS.

Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY

JONESBORO, ARKANSAS

BJA JOB NUMBER 9914
ASBS JOB NUMBER 0003.01

BROOKS JACKSON ARCHITECTS

2228 Cottondale Lane - Little Rock, AR 72202 - (501) 664-8700

Carl Walker
Parking Planning Engineering Restoration
16200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 453-8655

DATE REGISTERED
BROOKS JACKSON ARCHITECTS, INC.
ARCHITECT C34 - ARKANSAS

Date 22 SEPT 00
Revisions
24 JAN 01

Sheet Title
SECOND FLOOR PLAN

Sheet Number
A2

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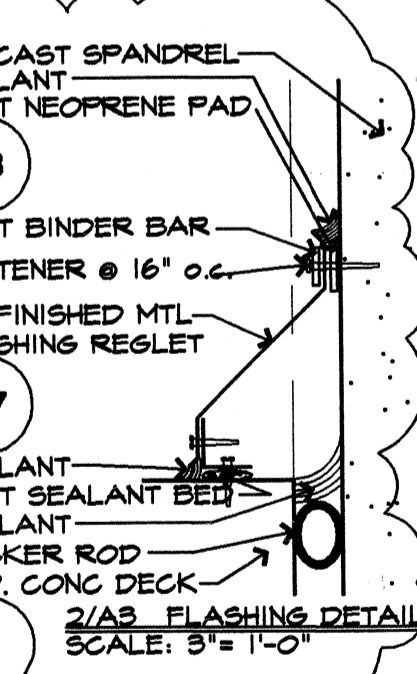
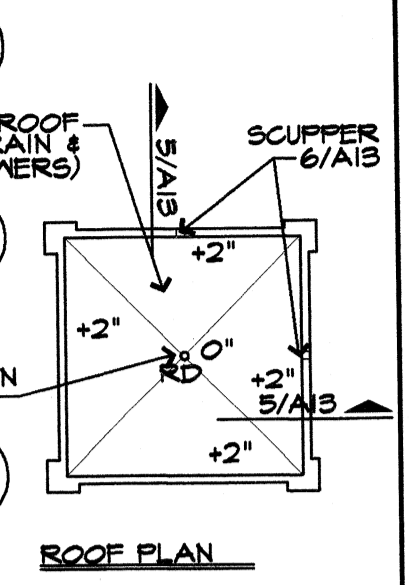
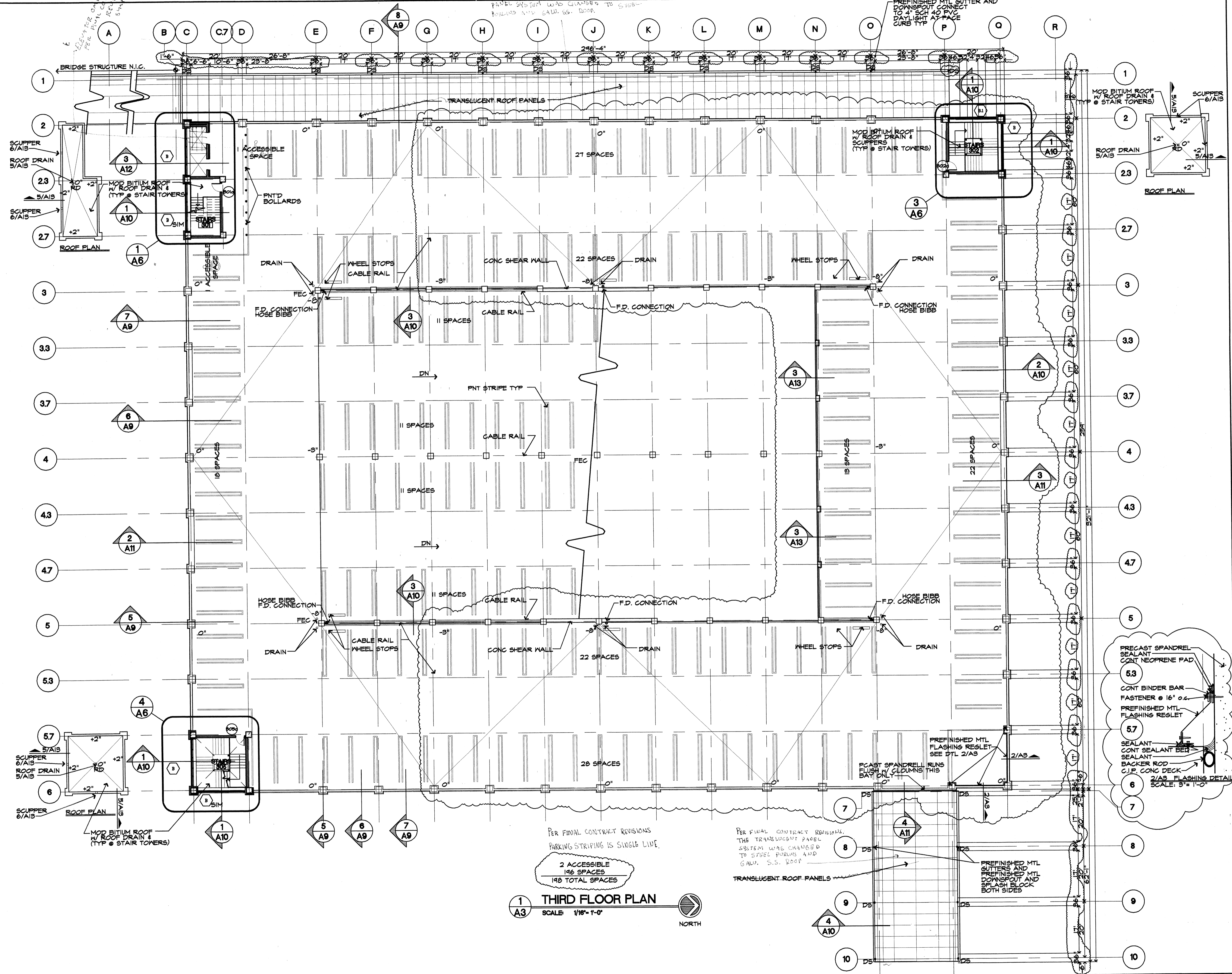
NOTE: Per final contract revisions parking striping is single line.
2 ACCESSIBLE
223 SPACES
225 TOTAL SPACES

2 SECOND FLOOR PLAN
SCALE 1/16" = 1'-0"
NORTH

PER FINAL CONTRACT REVISIONS, THE TRANSLUCENT PANEL SYSTEM WAS CHANGED TO STEEL PURLIN AND GALV. SS. ROOF.

PREFINISHED MTL GUTTER AND DOWNSPOUT CONNECT TO 4" SCH 40 PVC DAYLIGHT AT FACE CURB TYP

- General Notes**
1. ALL DIMENSIONS ARE TO FACE OF MASONRY, 4" OF COLUMN OR FACE OF WALL, U.N.O.
 2. FIRE EXTINGUISHER CABINETS (FEC) ARE TO BE MOUNTED 48" A.F.F. TO THE TOP OF CABINET
 3. ALL DOOR HDWR TO MEET THE ADA REQUIREMENTS



1 THIRD FLOOR PLAN
SCALE: 1/16" = 1'-0"
NORTH

Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY
JONESBORO, ARKANSAS

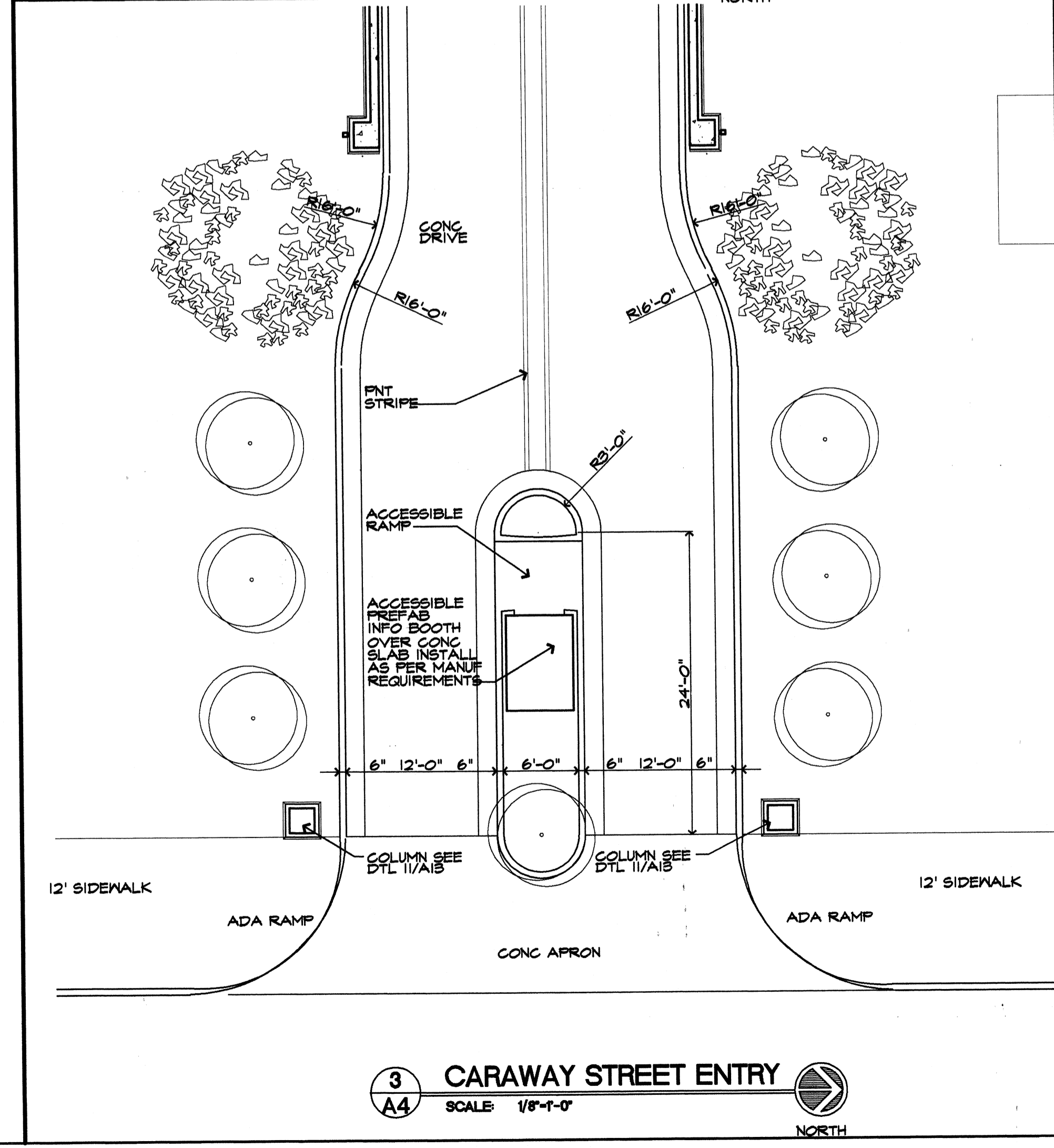
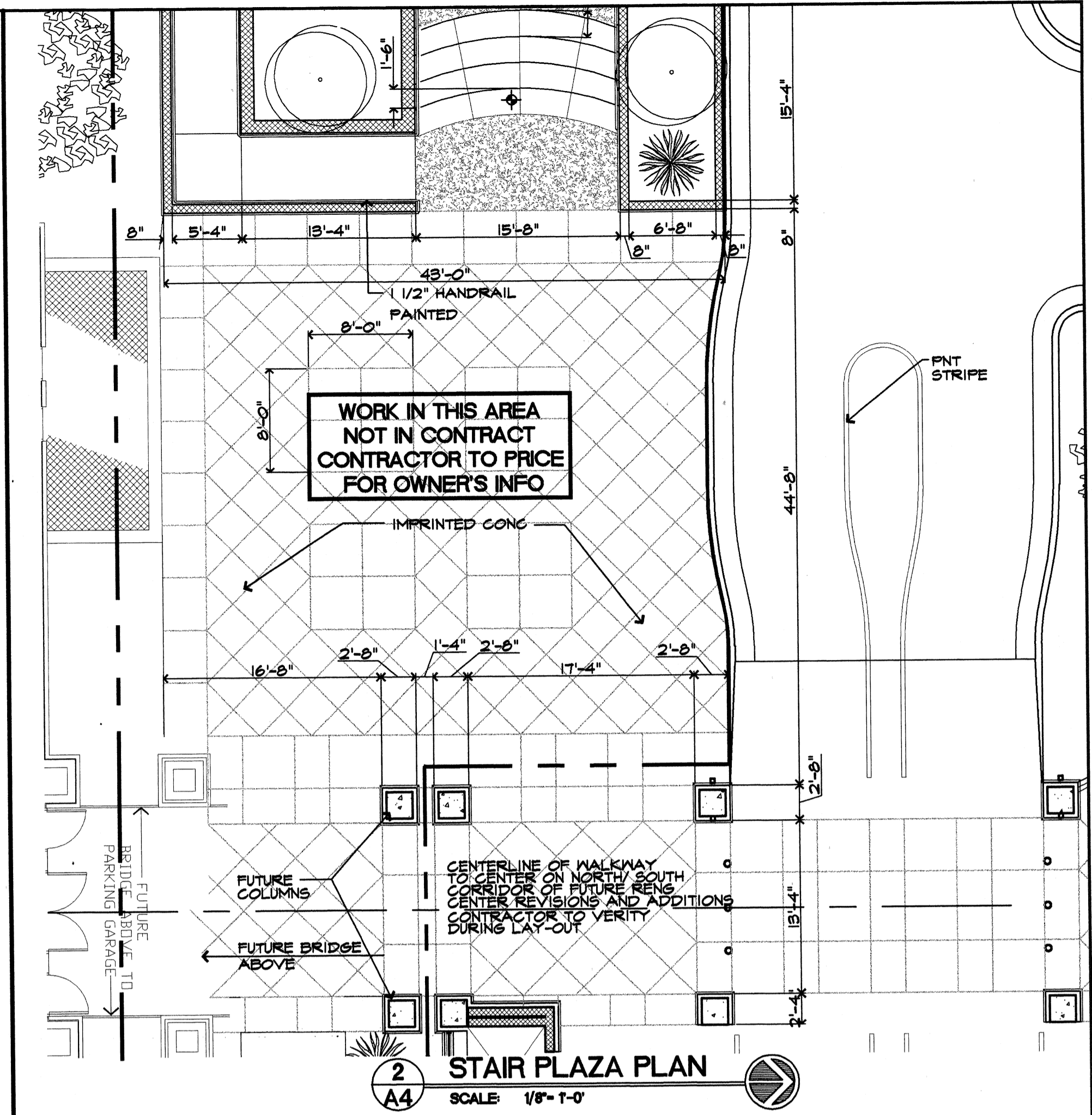
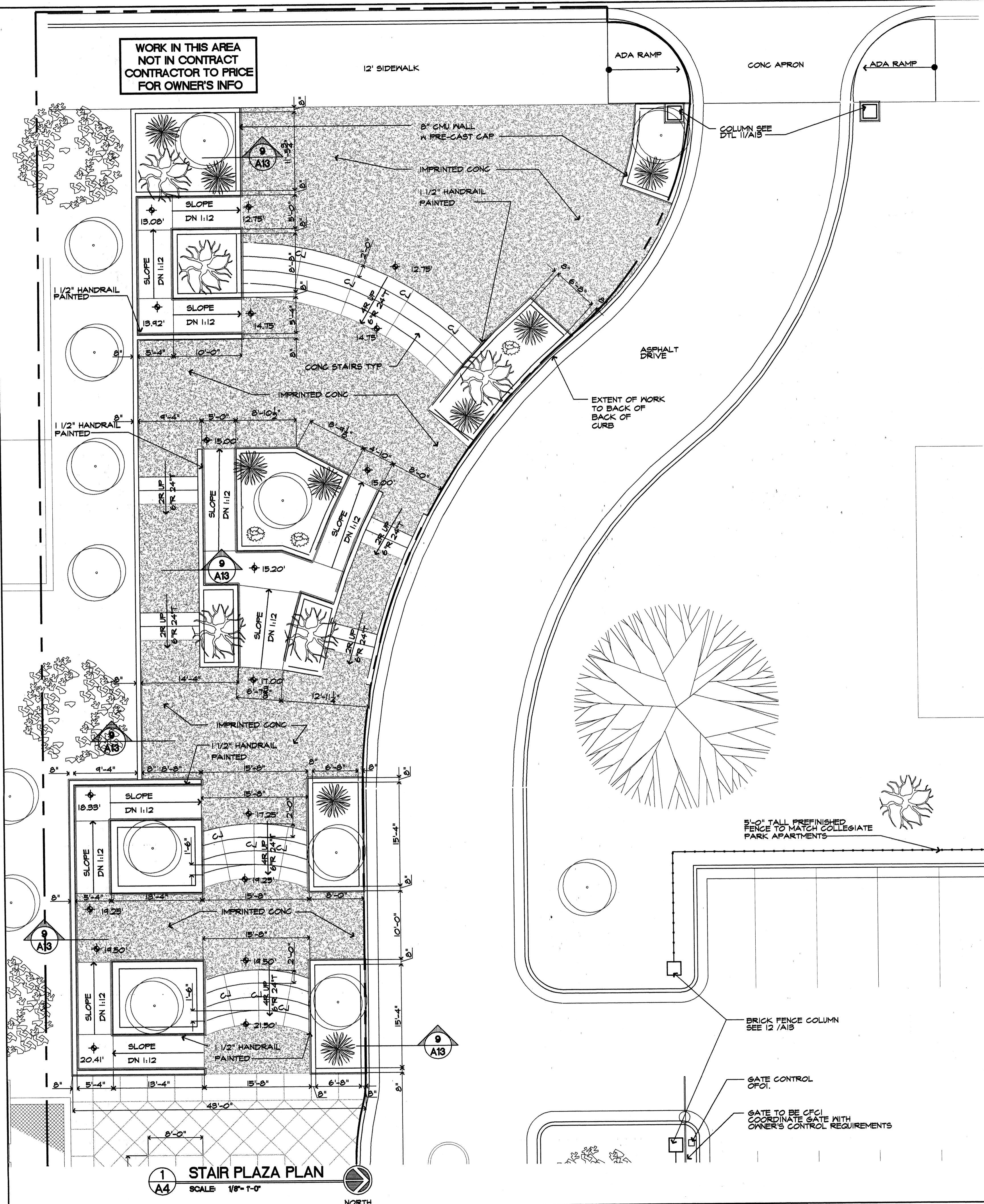
BJA JOB NUMBER 9914
ASBS JOB NUMBER 0003.01

BROOKS JACKSON ARCHITECTS
2228 Cottondale Lane - Little Rock, AR 72202 - (501) 664-8700

Carl Walker
Parking Planning Engineering Restoration
18200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 458-8855

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Date 22 SEPT 00
Revisions 24 JAN 01

Sheet Title: **THIRD FLOOR PLAN**
Sheet Number: **A3**
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Materials Keying

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JONESBORO, ARKANSAS

BJA JOB NUMBER 9914
ASBS JOB NUMBER 0003.01

BROOKS JACKSON ARCHITECTS
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Carl Walker
Parking Planning Engineering Restoration
18200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 458-8855

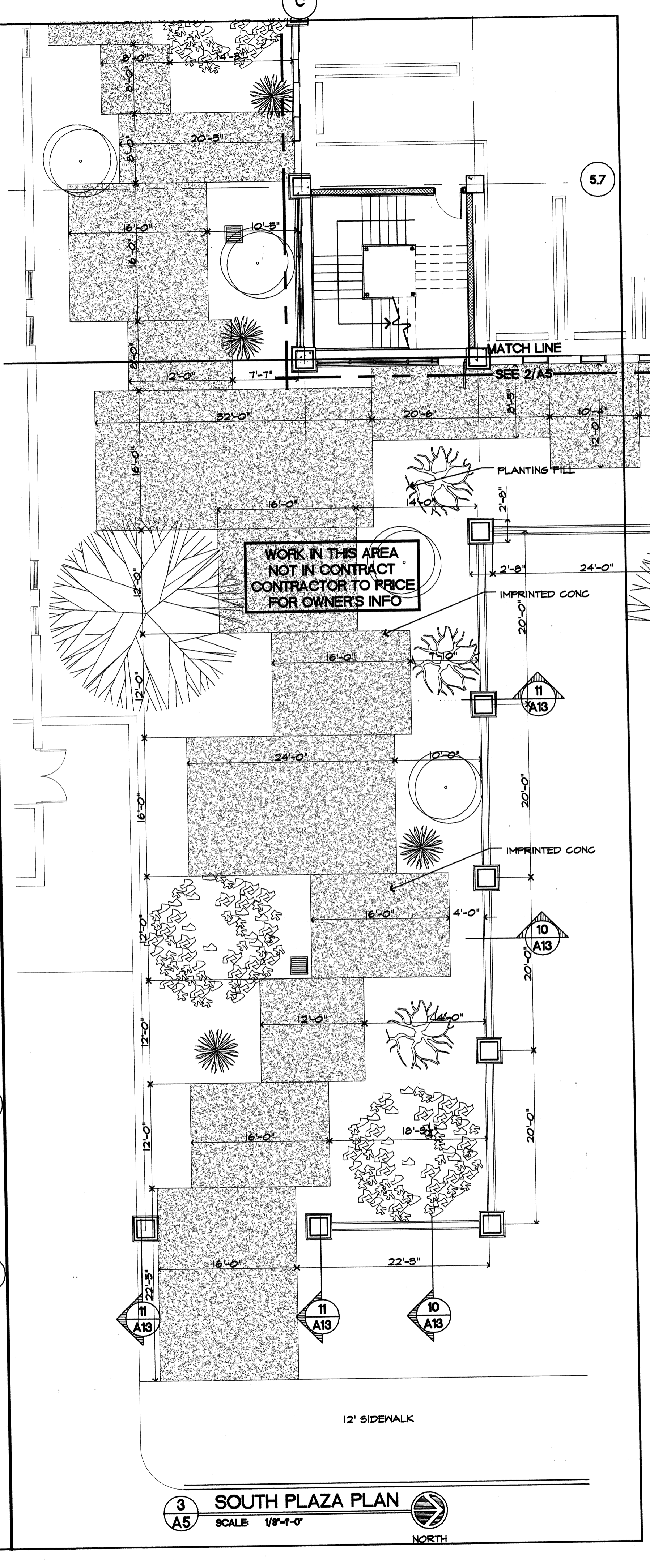
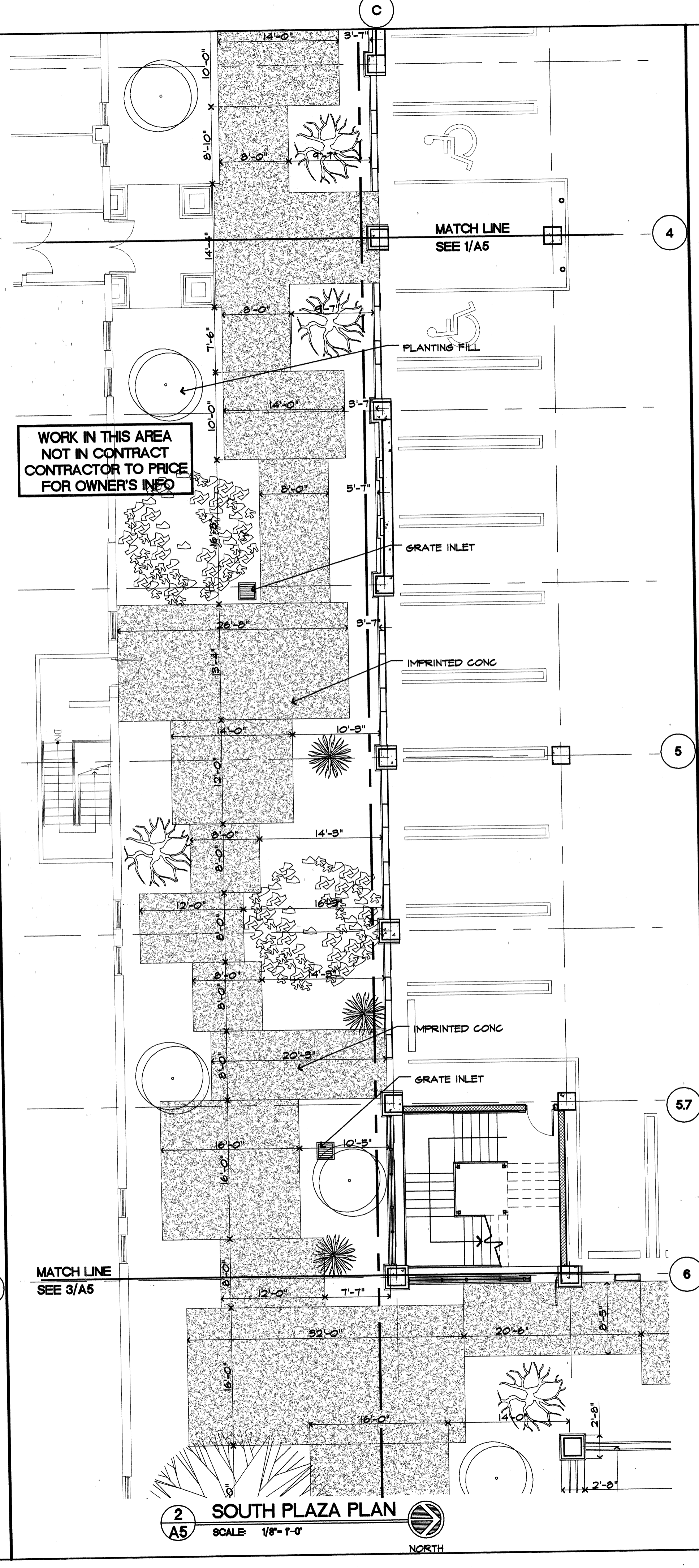
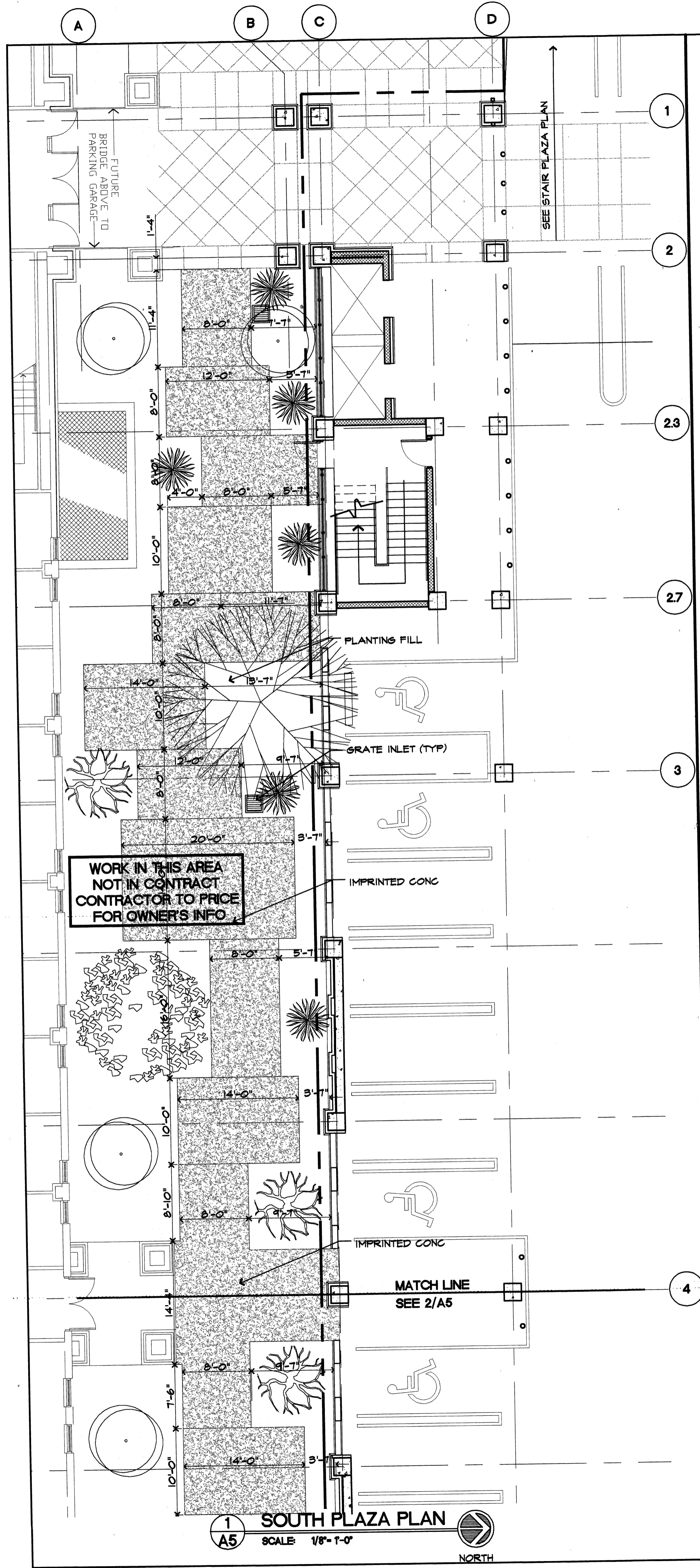
Corporate Registration
BROOKS JACKSON ARCHITECTS
ARCHITECT C34 - ARKANSAS

Date 22 SEPTEMBER 00
Revisions

Sheet Title
PLAZA PLANS

Sheet Number
A4

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General Notes
1. ALL DIMENSIONS ARE TO FACE OF MASONRY, Q. OF COLUMN OR EDGE OF SLAB, U.N.O.

Materials Keying

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JONESBORO, ARKANSAS

BJA JOB NUMBER 9914
ASBS JOB NUMBER 0003.01

BROOKS JACKSON ARCHITECTS
2228 Cottondale Lane • Little Rock, AR 72202 • (501) 664-8700

Carl Walker
Parking Planning Engineering Restoration
16000 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 469-8855

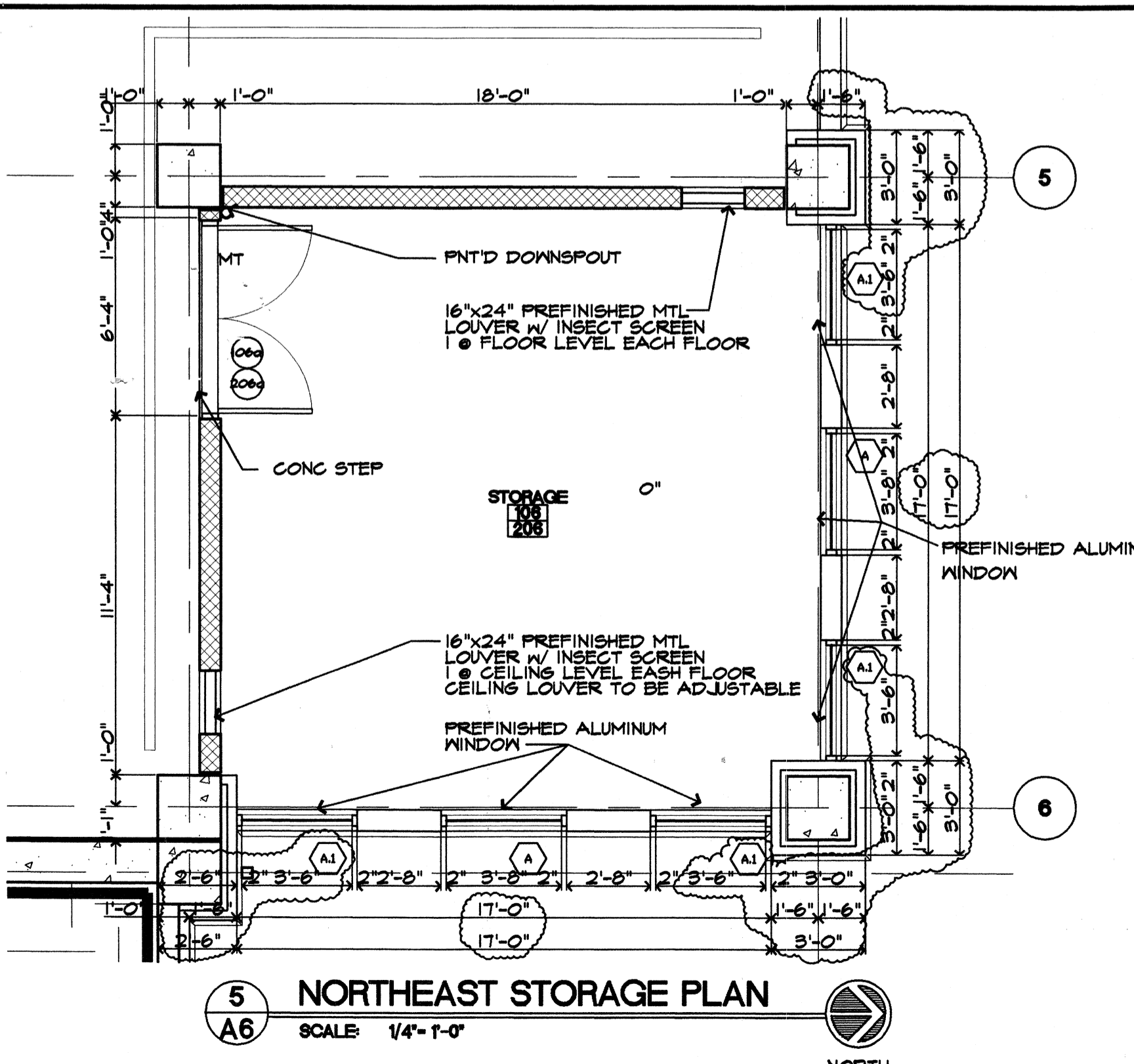
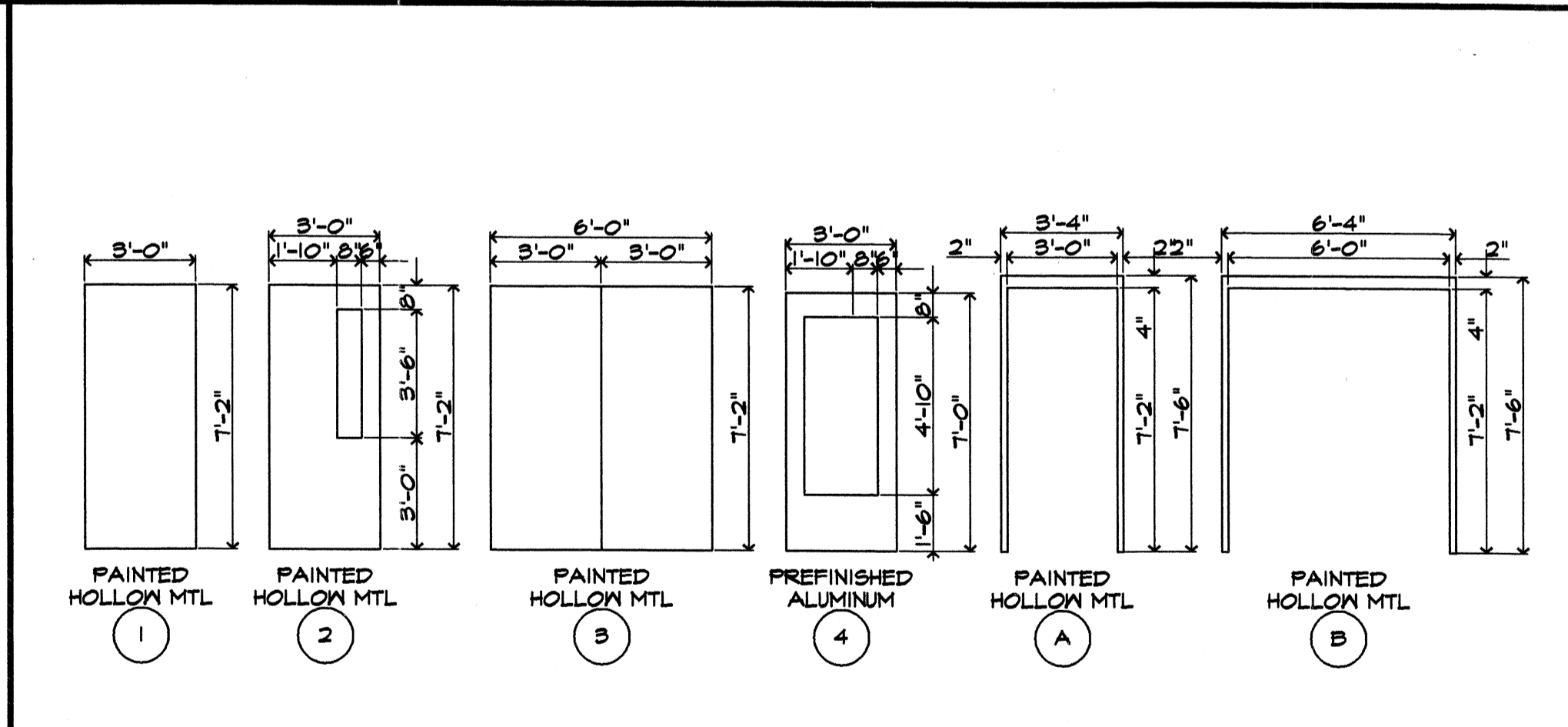
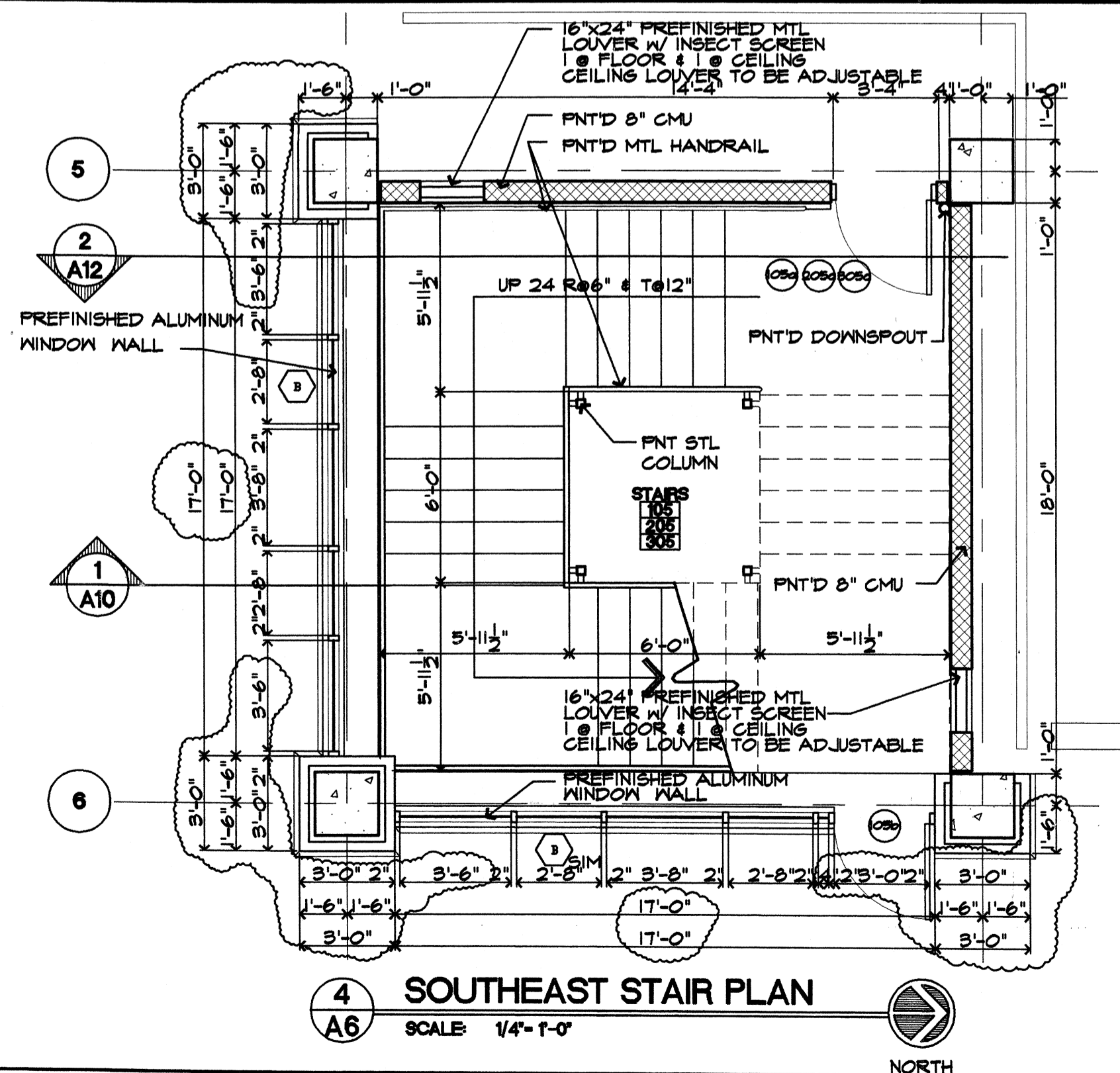
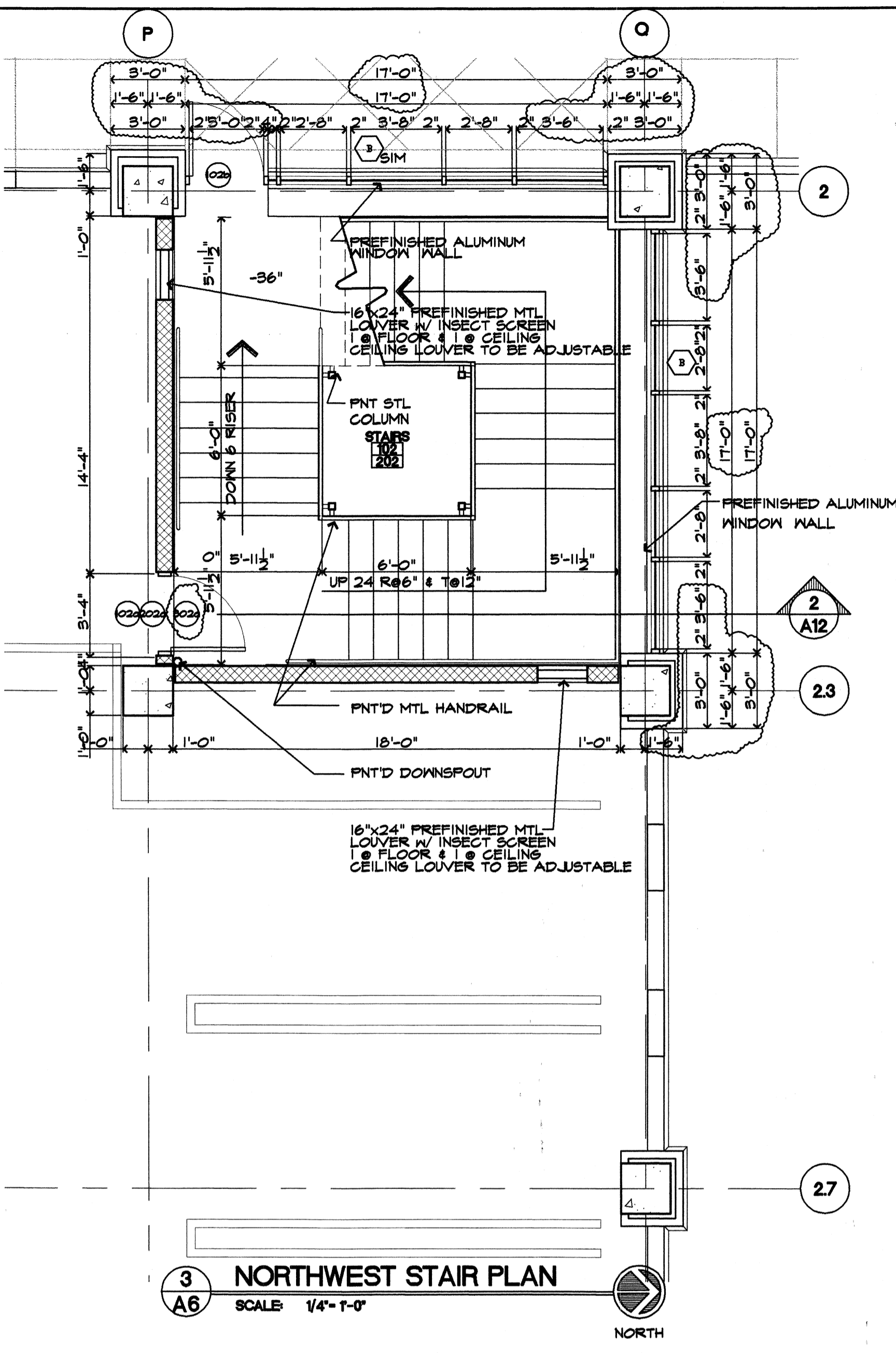
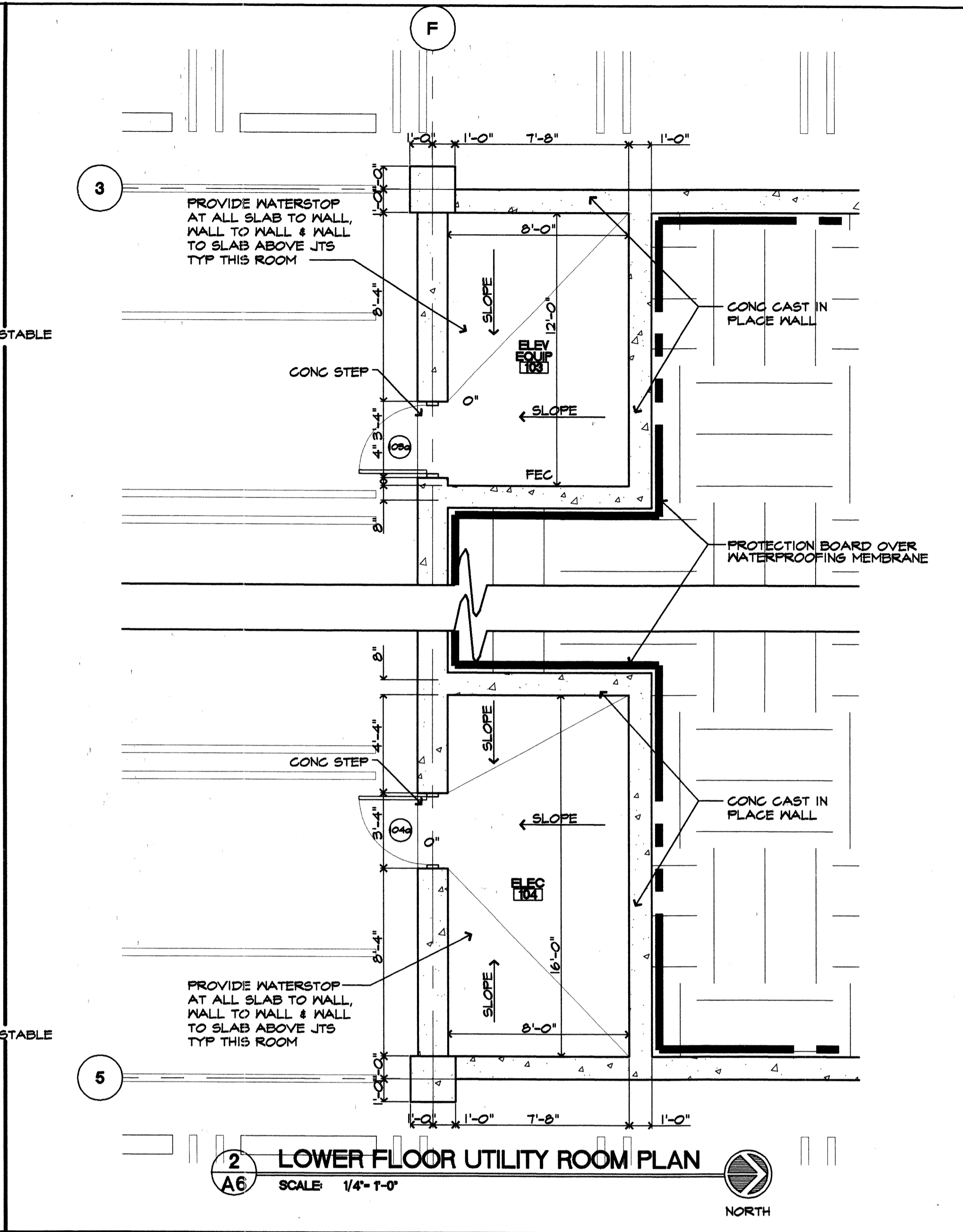
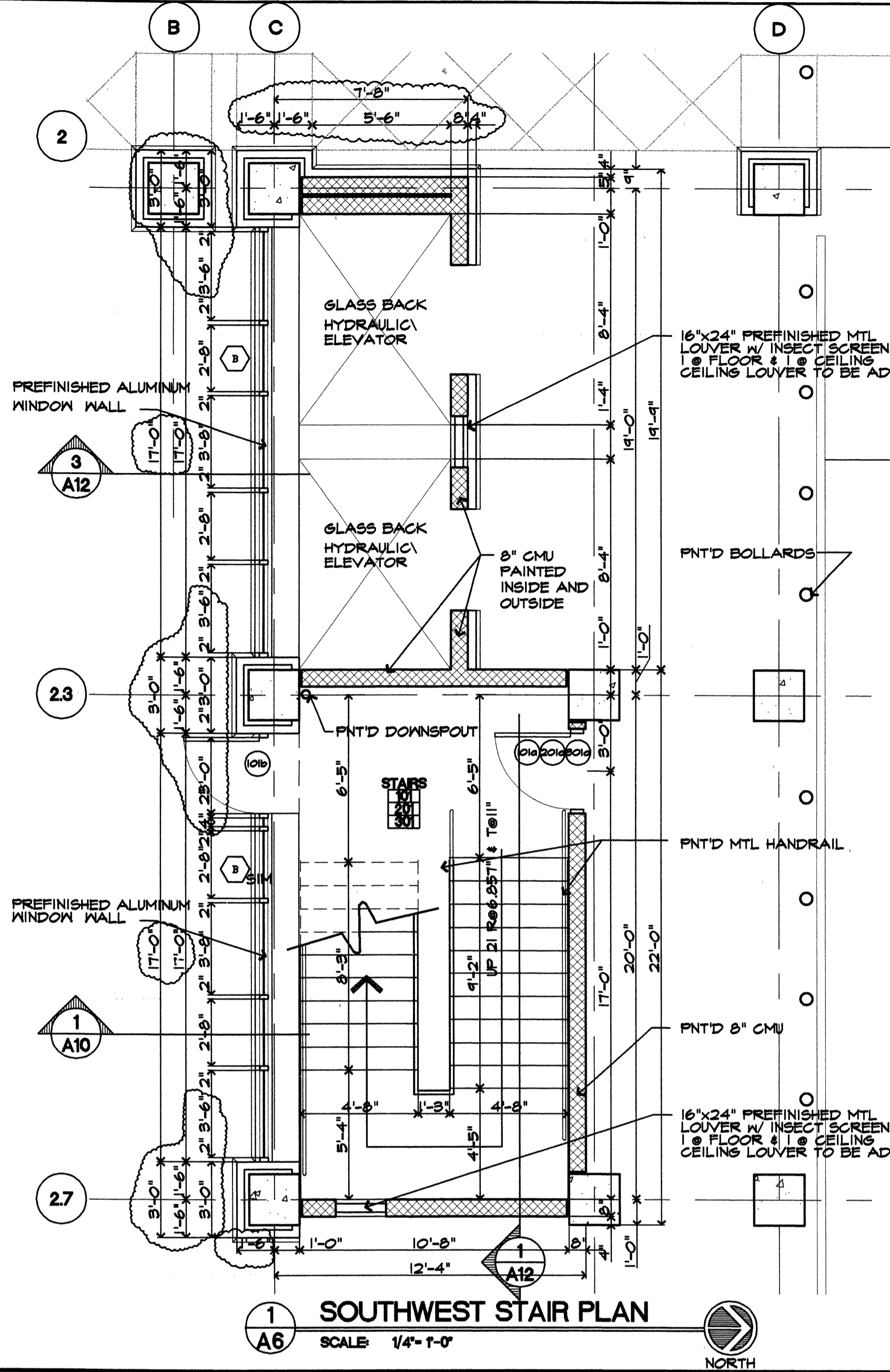
CORPORATE REGISTRATION
BROOKS JACKSON ARCHITECTS
ARCHITECT C34 • ARKANSAS

Date 22 SEPTEMBER 00
Revisions

Sheet Title
SOUTH PLAZA PLANS

Sheet Number
A5

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General Notes
1. ALL DIMENSIONS ARE TO FACE OF MASONRY, C. OF COLUMN OR FACE OF WALL, UNL.
2. FIRE EXTINGUISHER CABINETS (FEC) ARE TO BE MOUNTED 48" A.F.F. TO THE TOP OF CABINET
3. ALL DOOR HDWR TO MEET THE ADA REGMENTS

Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY
JONESBORO, ARKANSAS

BJA JOB NUMBER 9914
ASBS JOB NUMBER 0003.01

BROOKS JACKSON ARCHITECTS
2228 Cottondale Lane - Little Rock, AR 72202 - (501) 664-8700

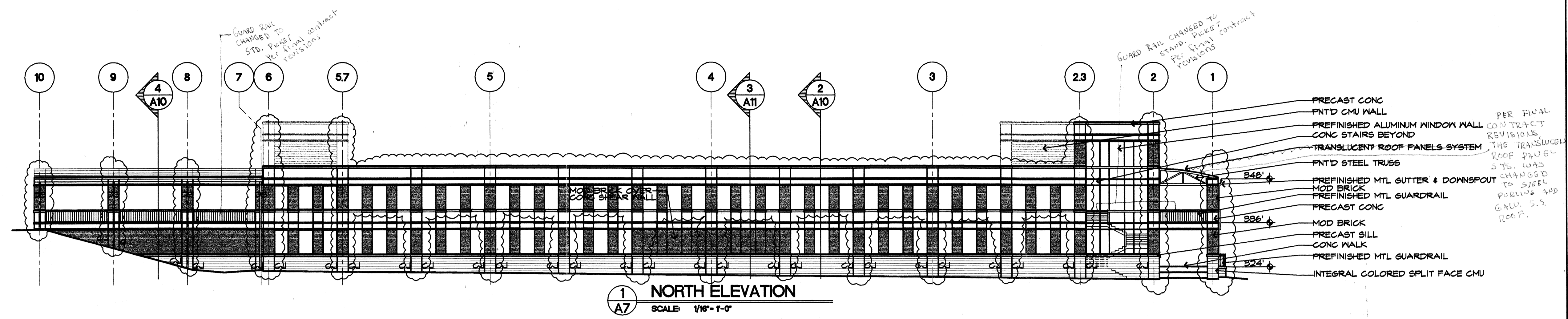
Carl Walker
Parking Planning Engineering Restoration
16200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 458-8655

Corporate Registration
BROOKS JACKSON ARCHITECTS INC
16
ARCHITECT C34 - ARKANSAS

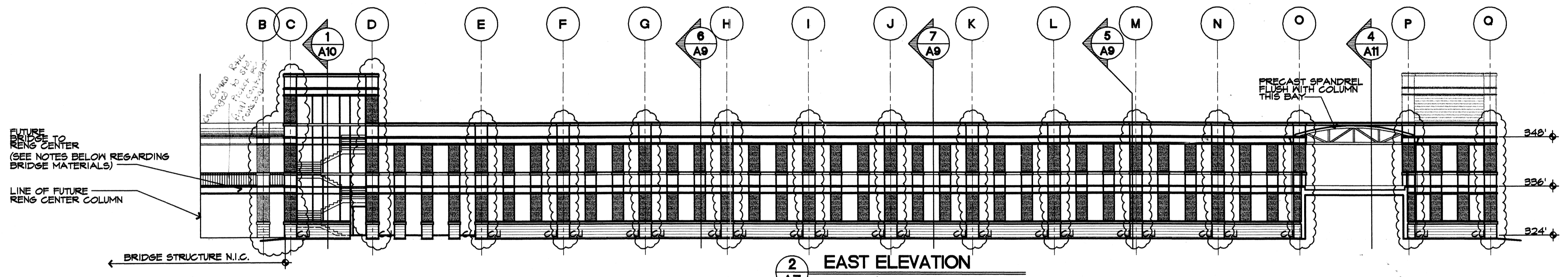
Date 22 SEPTEMBER 00
Revisions
24 JAN 01

Sheet Title ENLARGED PLAN
Sheet Number A6
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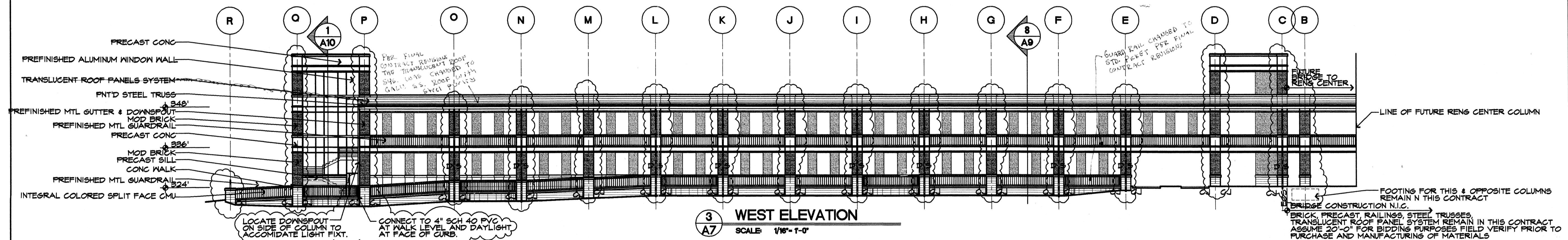
General Notes



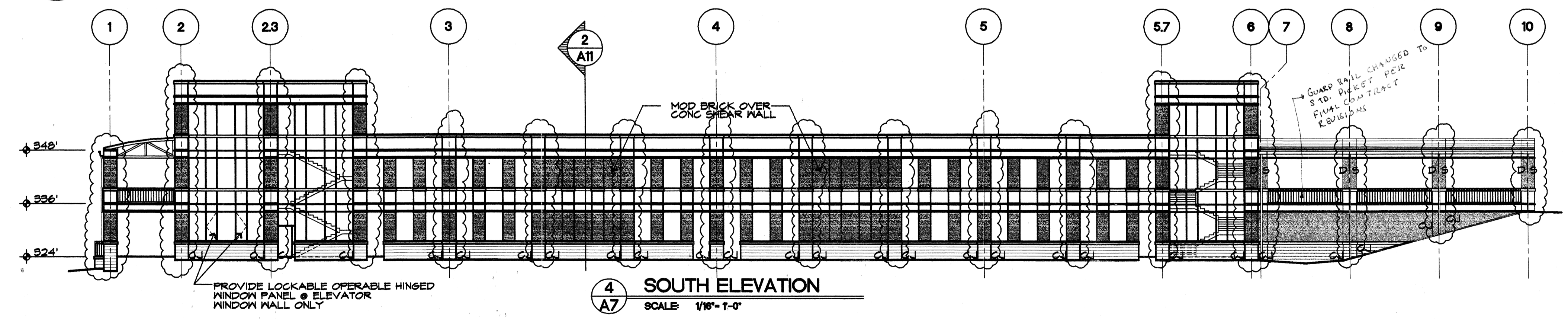
1 NORTH ELEVATION
A7 SCALE 1/16" = 1'-0"



2 EAST ELEVATION
A7 SCALE 1/16" = 1'-0"



3 WEST ELEVATION
A7 SCALE 1/16" = 1'-0"



4 SOUTH ELEVATION
A7 SCALE 1/16" = 1'-0"

Materials Keying

A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY

JONESBORO, ARKANSAS

BJA JOB NUMBER 9914
ASBS JOB NUMBER 0003.01

BROOKS JACKSON ARCHITECTS

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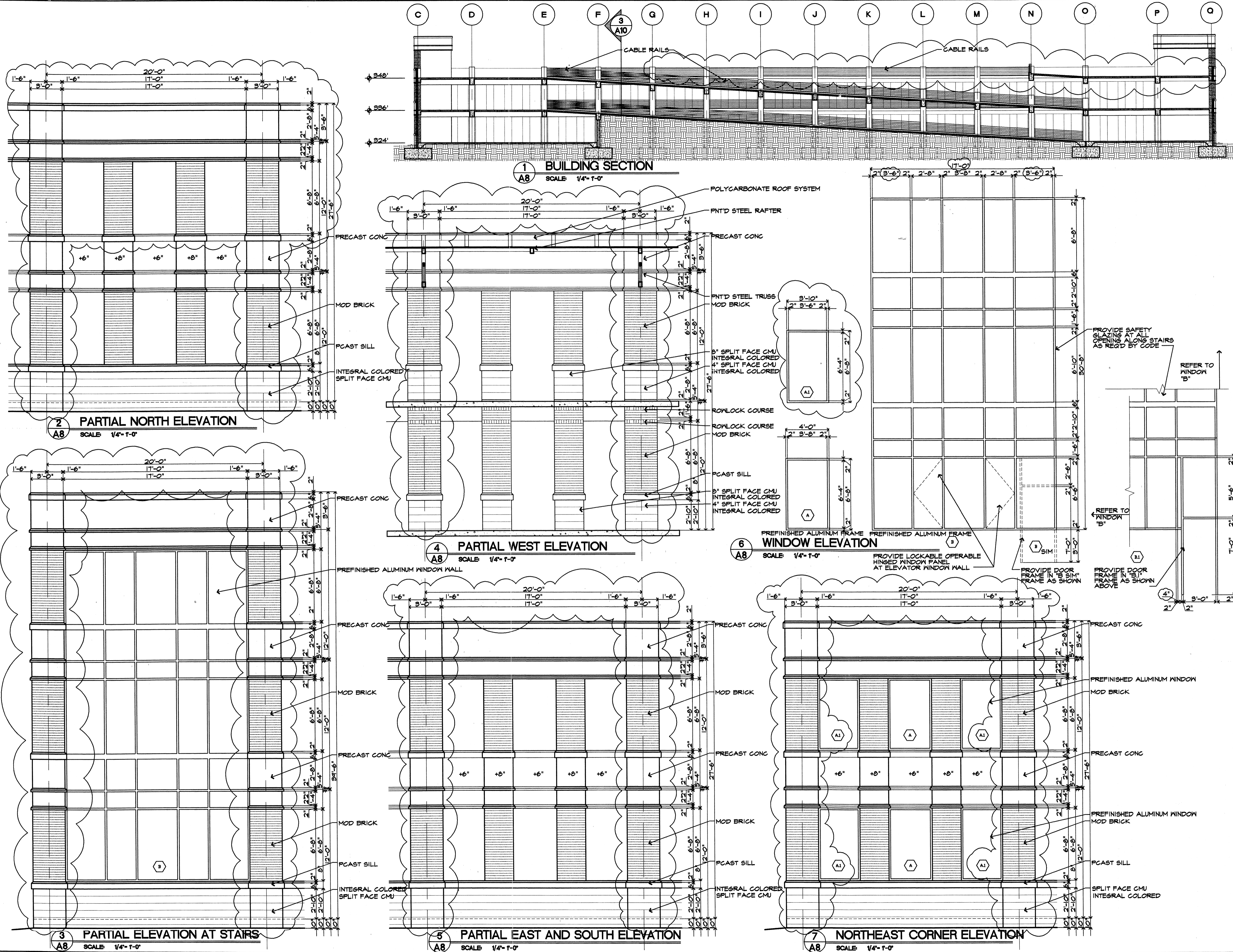
Carl Walker
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DATE 22 SEPT 00
Revisions
24 JAN 01

Sheet Title
ELEVATIONS

Sheet Number
A7

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Materials Keying

A NEW
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JONESBORO, ARKANSAS

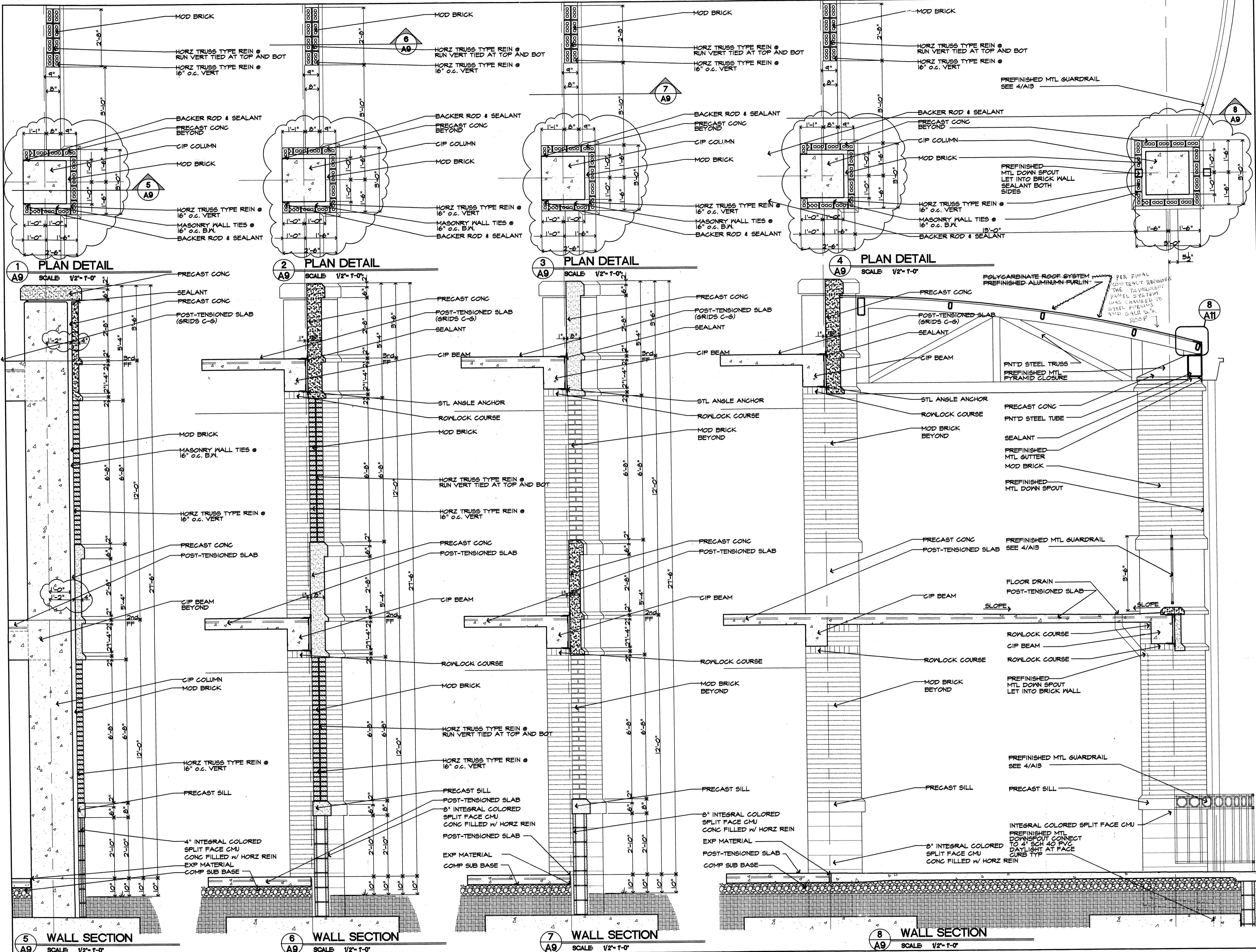
JOB NUMBER 9914

BROOKS JACKSON
ARCHITECTS
2228 Cottondale Lane - Little Rock, AR 72202 - (501) 664-8700

Carl Walker
Parking Planning Engineering Restoration
16200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 458-8655

DATE REGISTERED: 22 SEPTEMBER 00
REVISED: 24 JAN 01
BROOKS JACKSON ARCHITECTS INC. ARCHITECT C34 - ARKANSAS

Sheet Title: BUILDING SECTIONS AND ENLARGED ELEVATIONS
Sheet Number: A8
Copyright: 200 BJA



General Notes
 1. ALL EXPOSED METALS TO BE PRIMED AND PAINTED AS SPECIFIED IN THE PROJECT MANUAL INCLUDING, BUT NOT LIMITED TO ALL PRECAST WELDS PLATED, ANGLES, CLIPS AND HANGERS

Materials Keying

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 JONESBORO, ARKANSAS

JOB NUMBER 9914

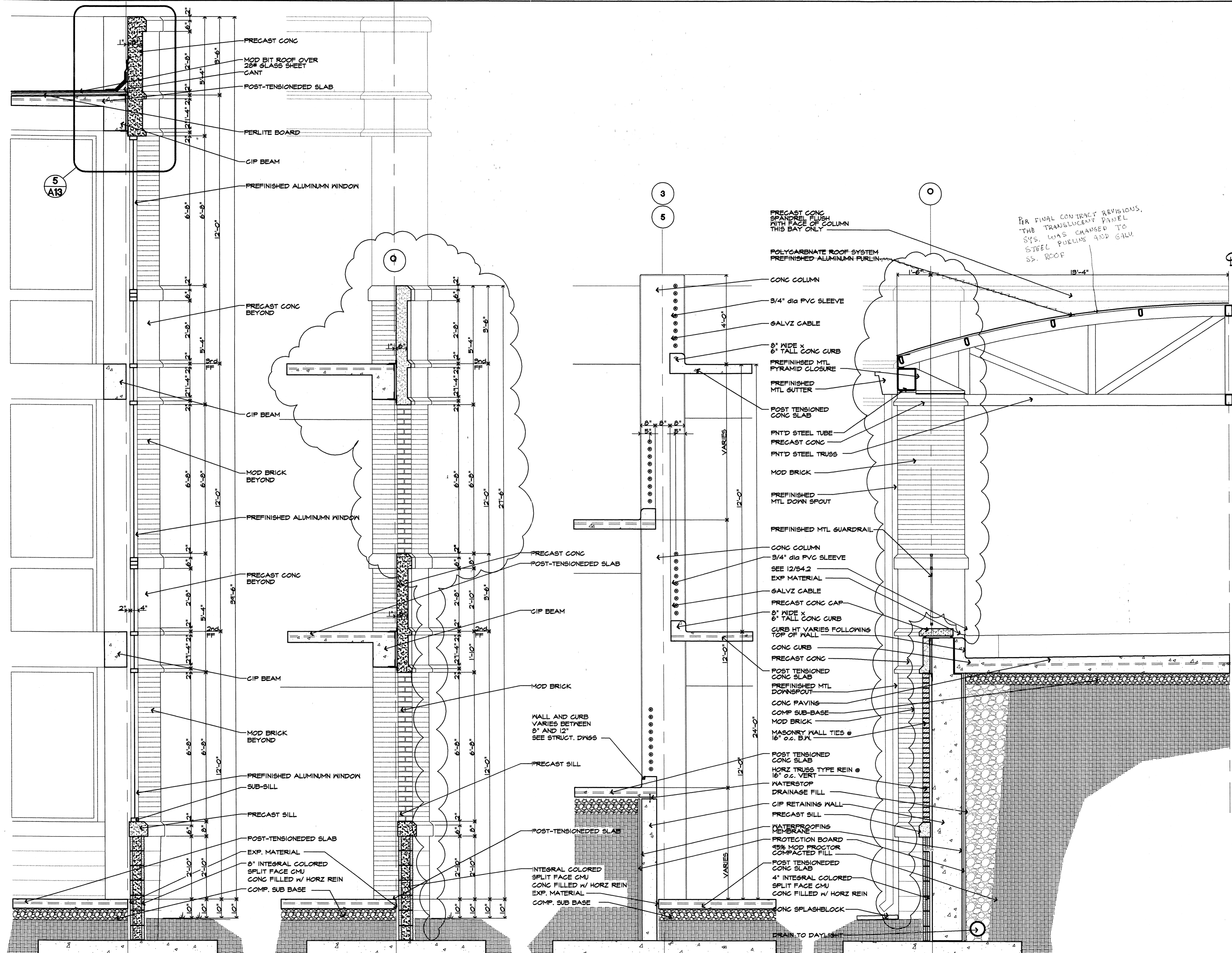
BROOKS JACKSON ARCHITECTS
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Carl Walker
 Planning Engineering Restoration
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CORPORATE REGISTRATION ARCHITECT C34 - ARKANSAS
 Date 22 SEPTEMBER 00
 Revisions 24 JAN 01

Sheet Title WALL SECTIONS
 Sheet Number A9
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General Notes

1. ALL EXPOSED METALS TO BE PRIMED AND PAINTED AS SPECIFIED IN THE PROJECT MANUAL INCLUDING, BUT NOT LIMITED TO ALL PRECAST WELDS PLATED, ANGLES, CLIPS AND HANGERS



PER FINAL CONTRACT REVISIONS, THE TRANSLUCENT PANEL SYS. WAS CHANGED TO STEEL PURLINS AND GALV. SS. ROOF

1 WALL SECTION
SCALE 1/2" = 1'-0"

2 WALL SECTION
SCALE 1/2" = 1'-0"

3 WALL SECTION
SCALE 1/2" = 1'-0"

4 WALL SECTION
SCALE 1/2" = 1'-0"

Materials Keying

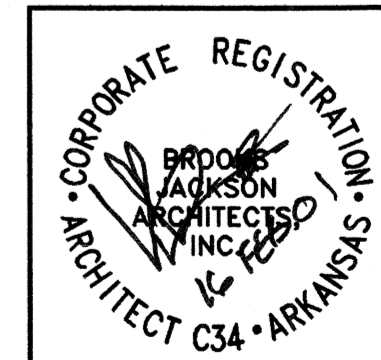
A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY

JONESBORO, ARKANSAS

JOB NUMBER 9914

BROOKS JACKSON ARCHITECTS

2228 Cottondale Lane - Little Rock, AR 72202 • (501) 664-8700



Date 22 SEPT 00
Revisions
24 JAN 01

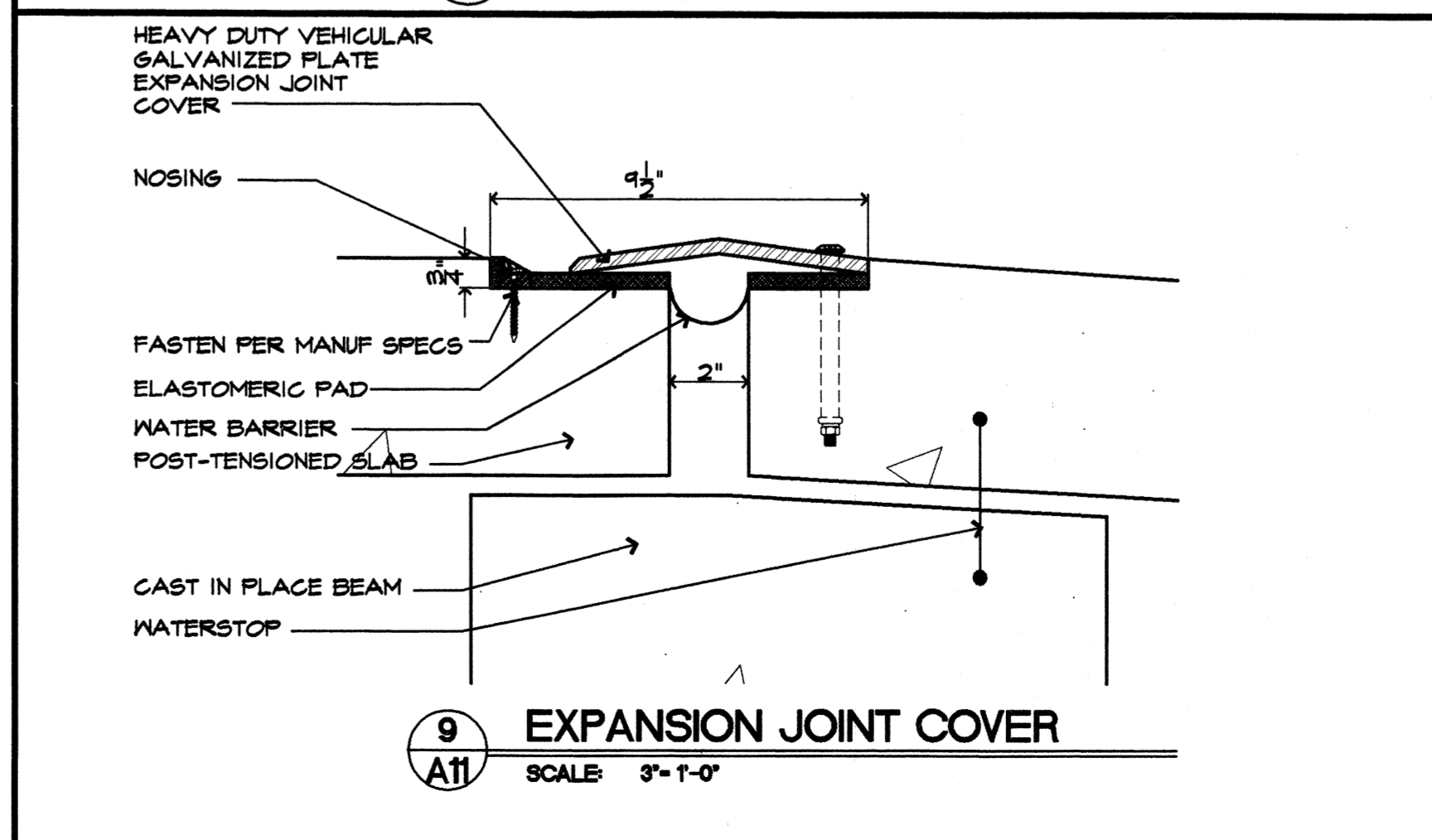
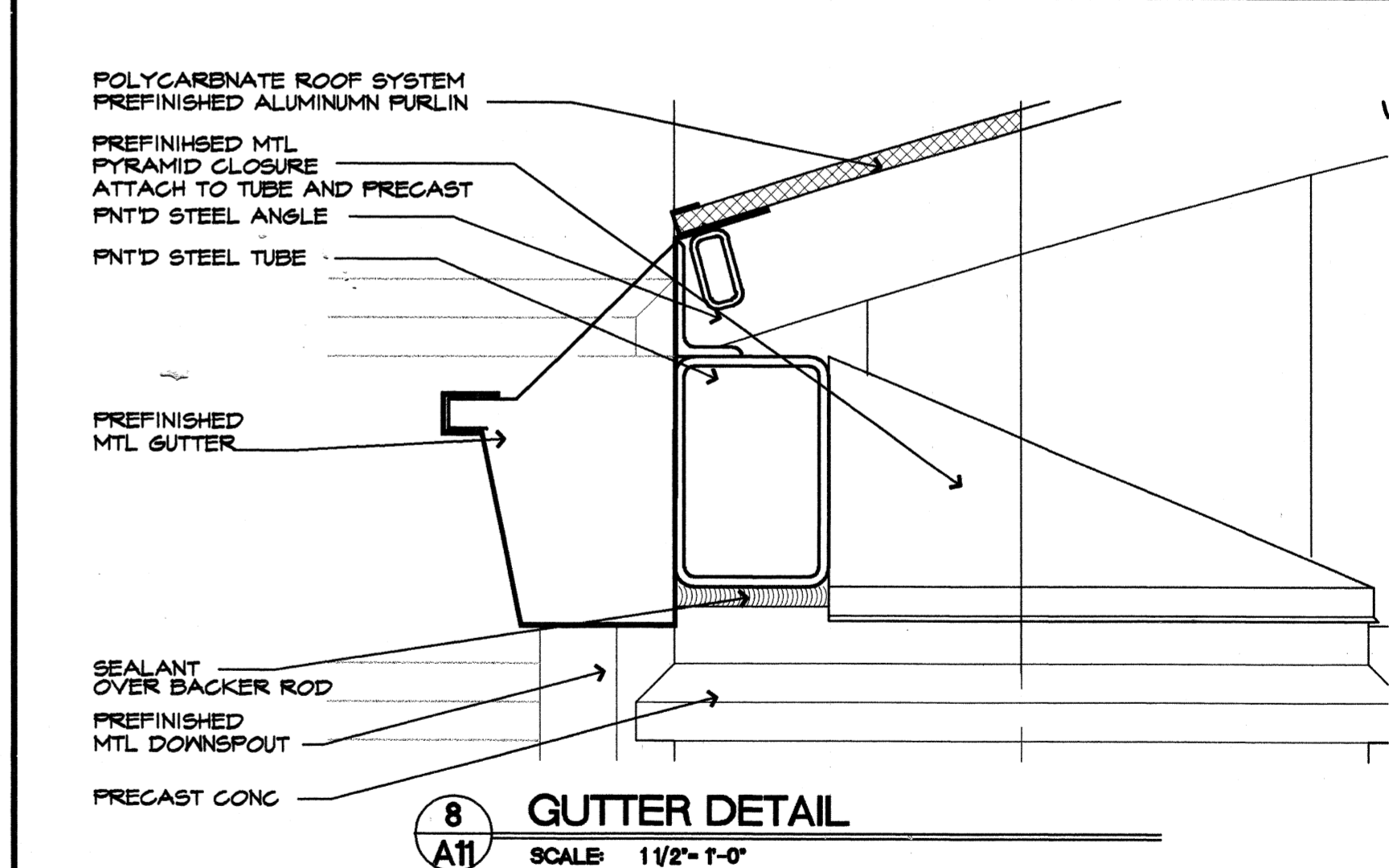
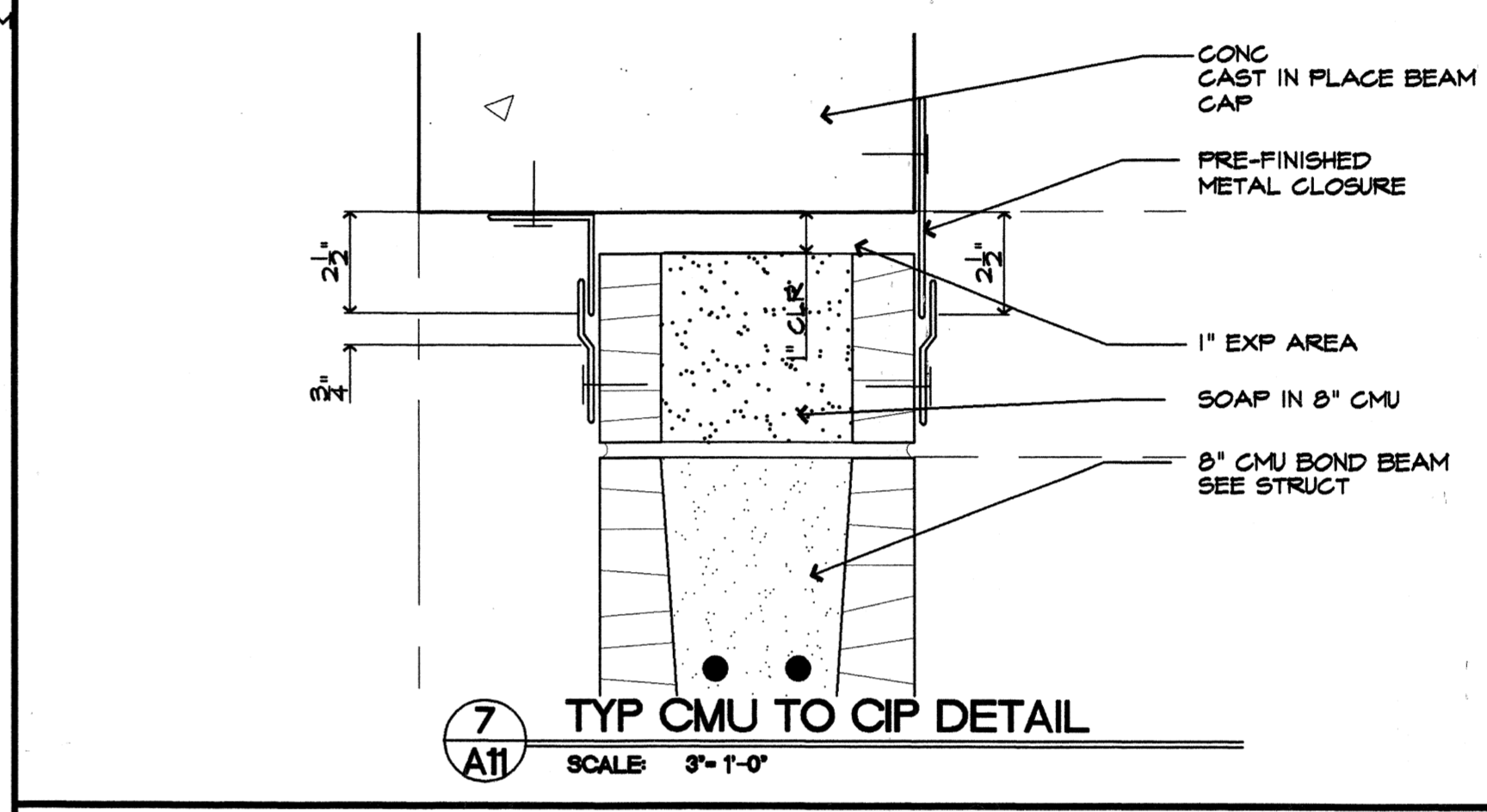
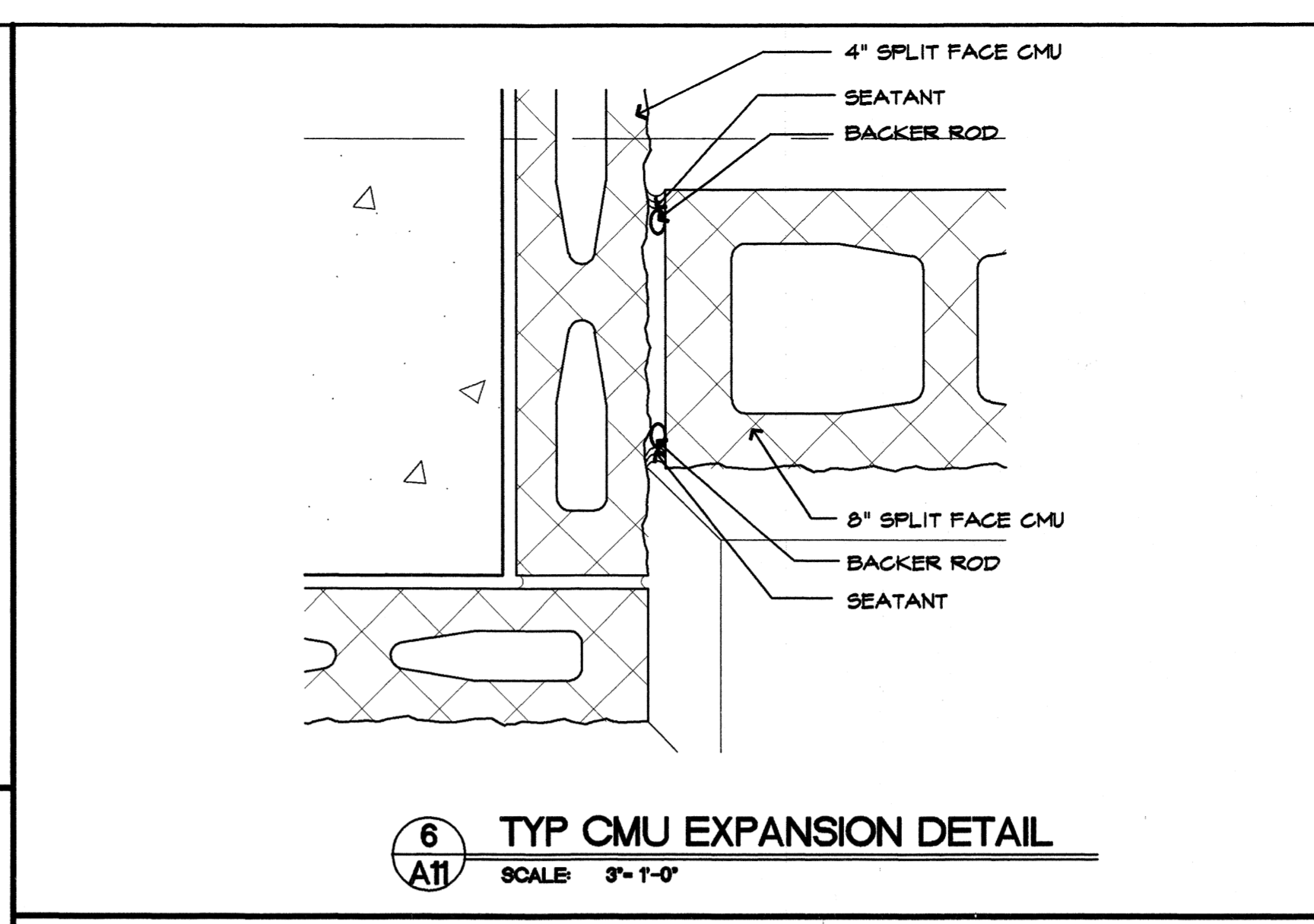
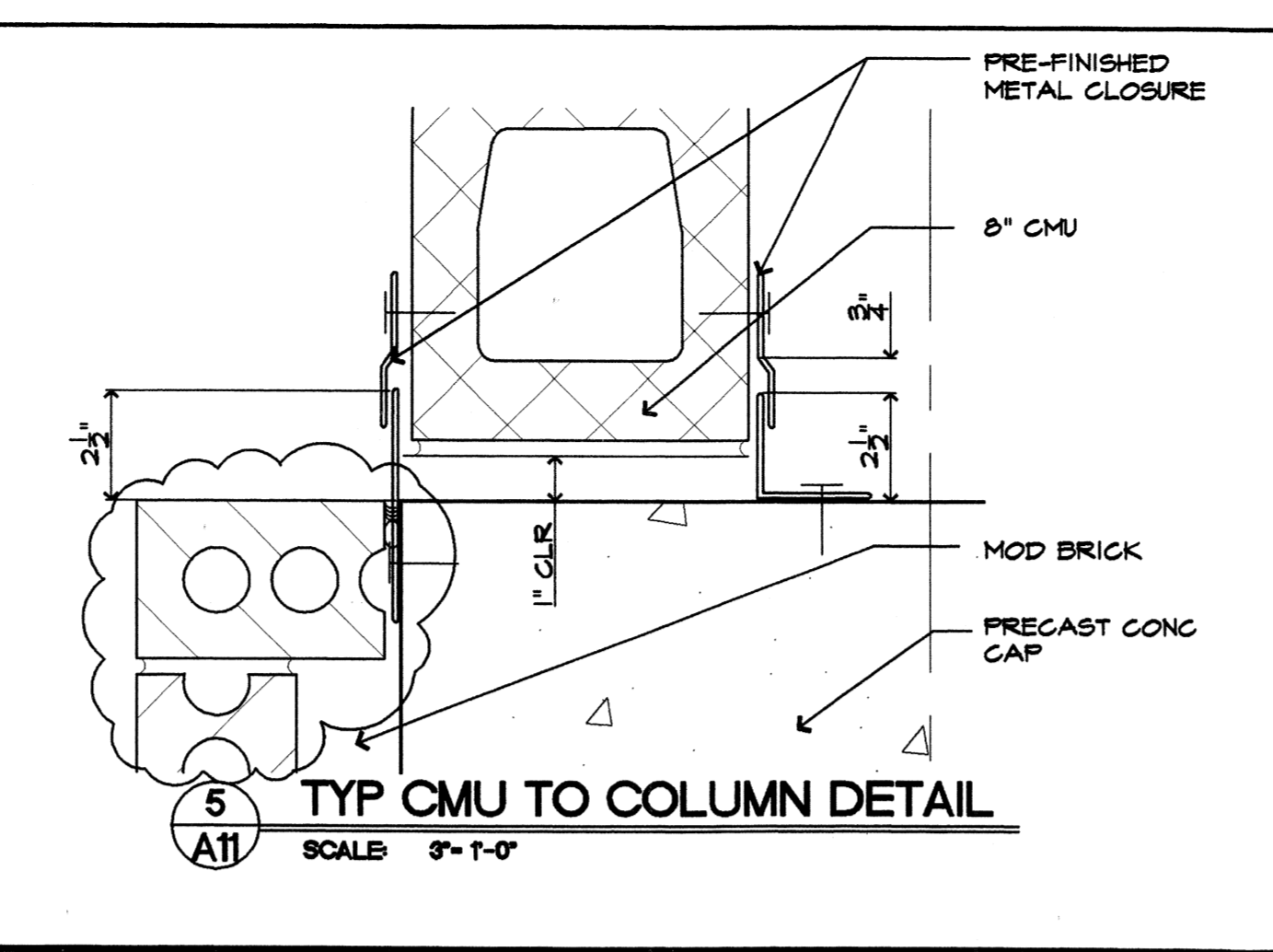
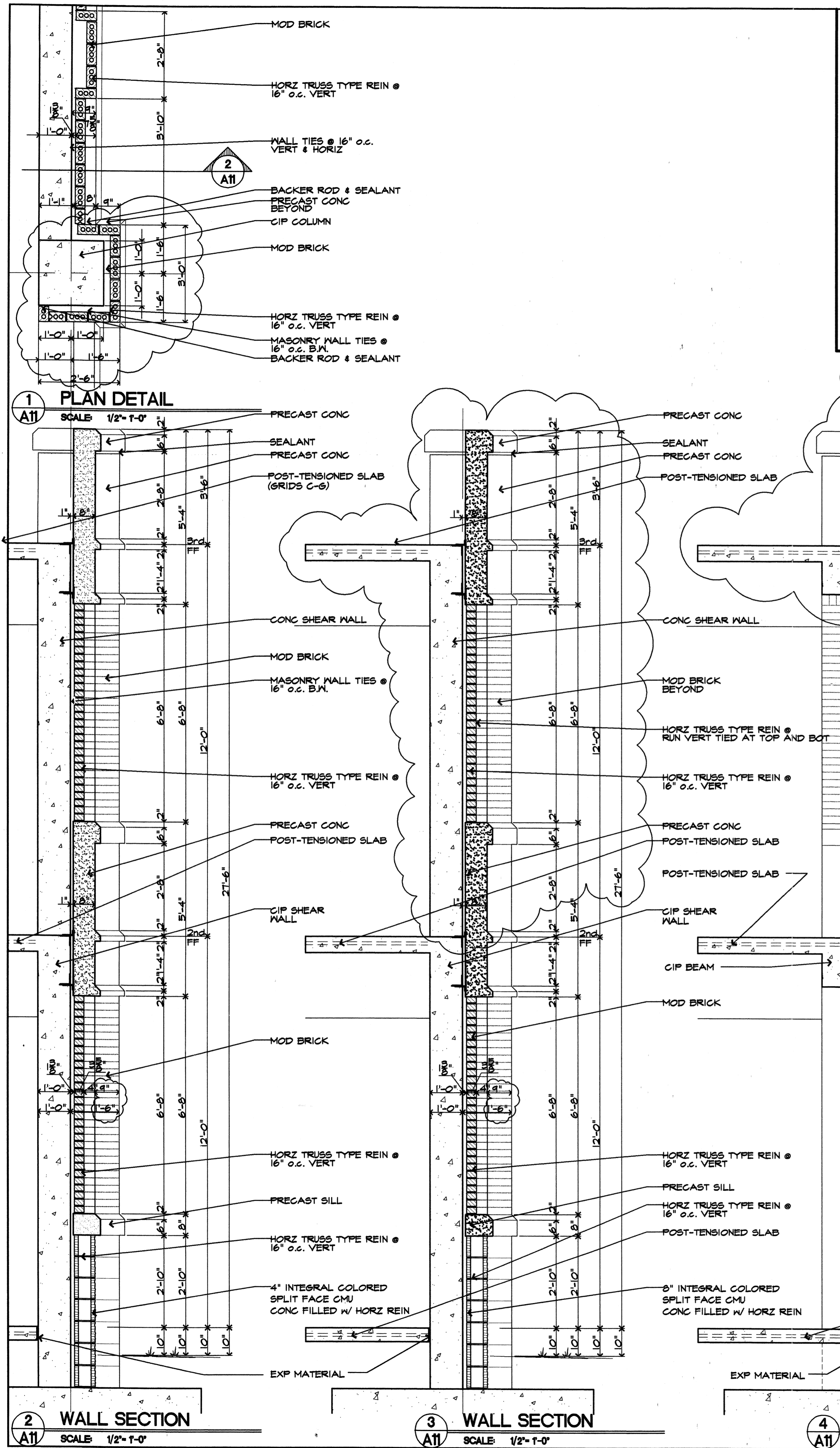
Sheet Title

WALL SECTIONS

Sheet Number

A10

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General Notes

1. ALL EXPOSED METALS TO BE PRIMED AND PAINTED AS SPECIFIED IN THE PROJECT MANUAL INCLUDING, BUT NOT LIMITED TO ALL PRECAST WELDS PLATED, ANGLES, CLIPS AND HANGERS

Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY
JONESBORO, ARKANSAS

JOB NUMBER 9914

BROOKS JACKSON ARCHITECTS
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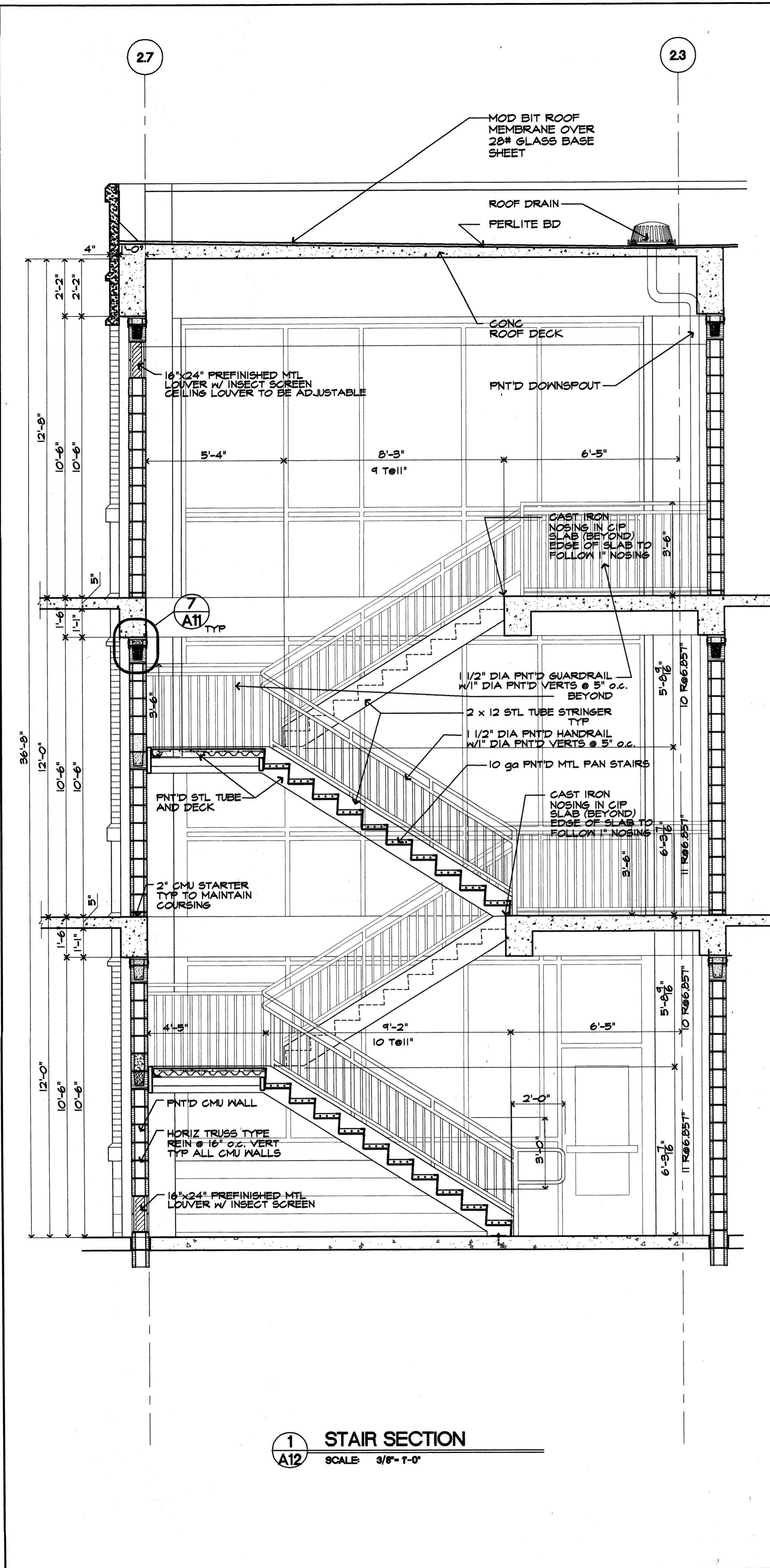
Carl Walker
Parking Engineering Restoration
18200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 458-8855

Corporate Registration
BROOKS JACKSON ARCHITECTS INC. 16 FEB 01 ARCHITECT C34 - ARKANSAS

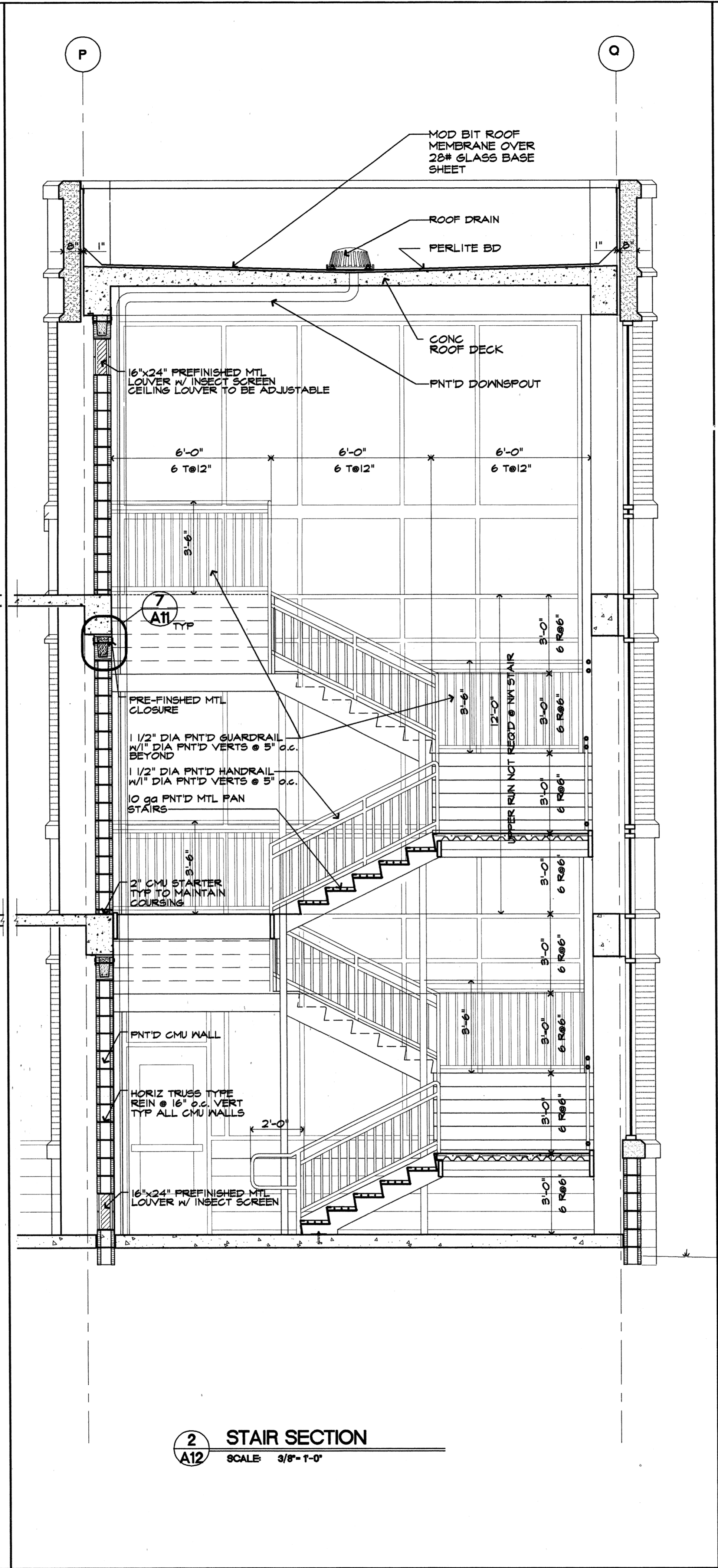
Date 22 SEPTEMBER 00
Revisions 24 JAN 01

Sheet Title WALL SECTIONS
Sheet Number A11

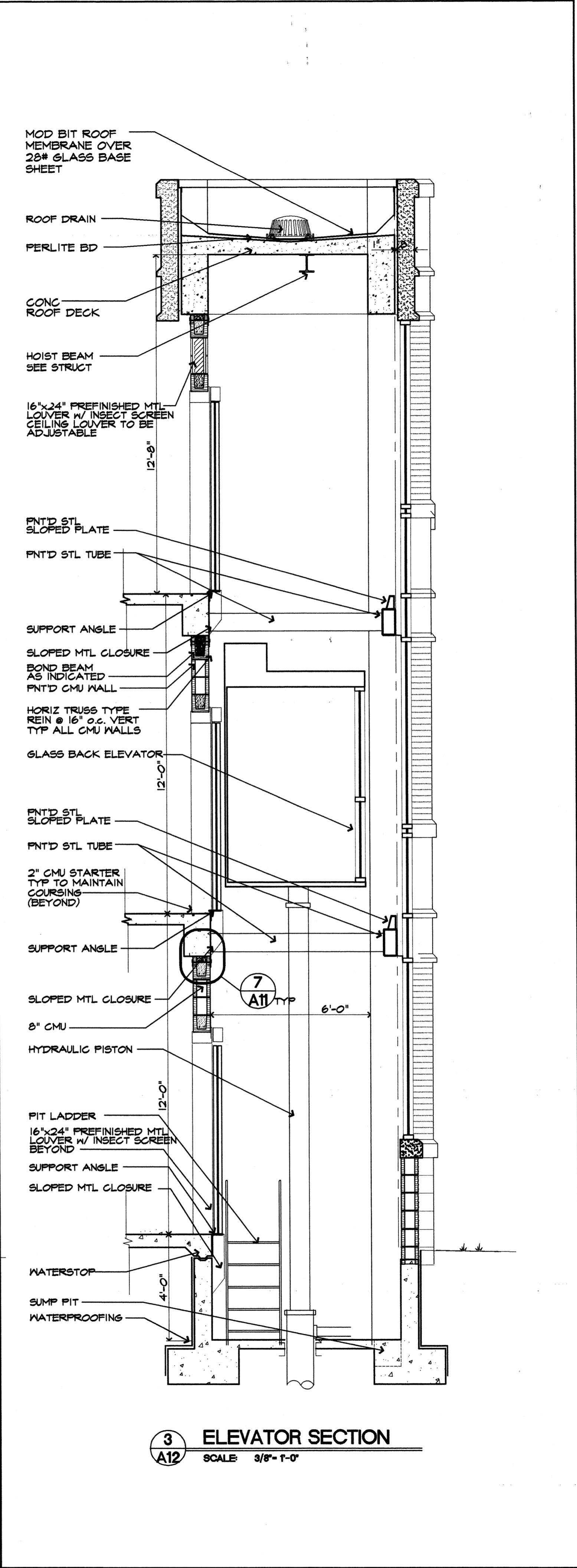
Copyright 1999 BJA



1 STAIR SECTION
A12 SCALE: 3/8" = 1'-0"



2 STAIR SECTION
A12 SCALE: 3/8" = 1'-0"



3 ELEVATOR SECTION
A12 SCALE: 3/8" = 1'-0"

General Notes

- ALL WELDS GRID SMOOTH
- ALL EXPOSED STL TO BE PREP, PRIMED AND PAINTED. CARE TO BE TAKEN DURING ERECTION AS METAL DECK, STAIR STRINGERS STL PAN, AND RISERS WILL BE PAINTED AS FINISHED MATERIALS. ARCHITECT TO SELECT COLORS FROM FULL RANGE. NOTE SEVERAL COLORS MAY BE USED.

Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY

JONESBORO, ARKANSAS

BJA JOB NUMBER 9914
ASBS JOB NUMBER 9914

BROOKS JACKSON ARCHITECTS

2228 Cottondale Lane • Little Rock, AR 72202 • (501) 664-8700

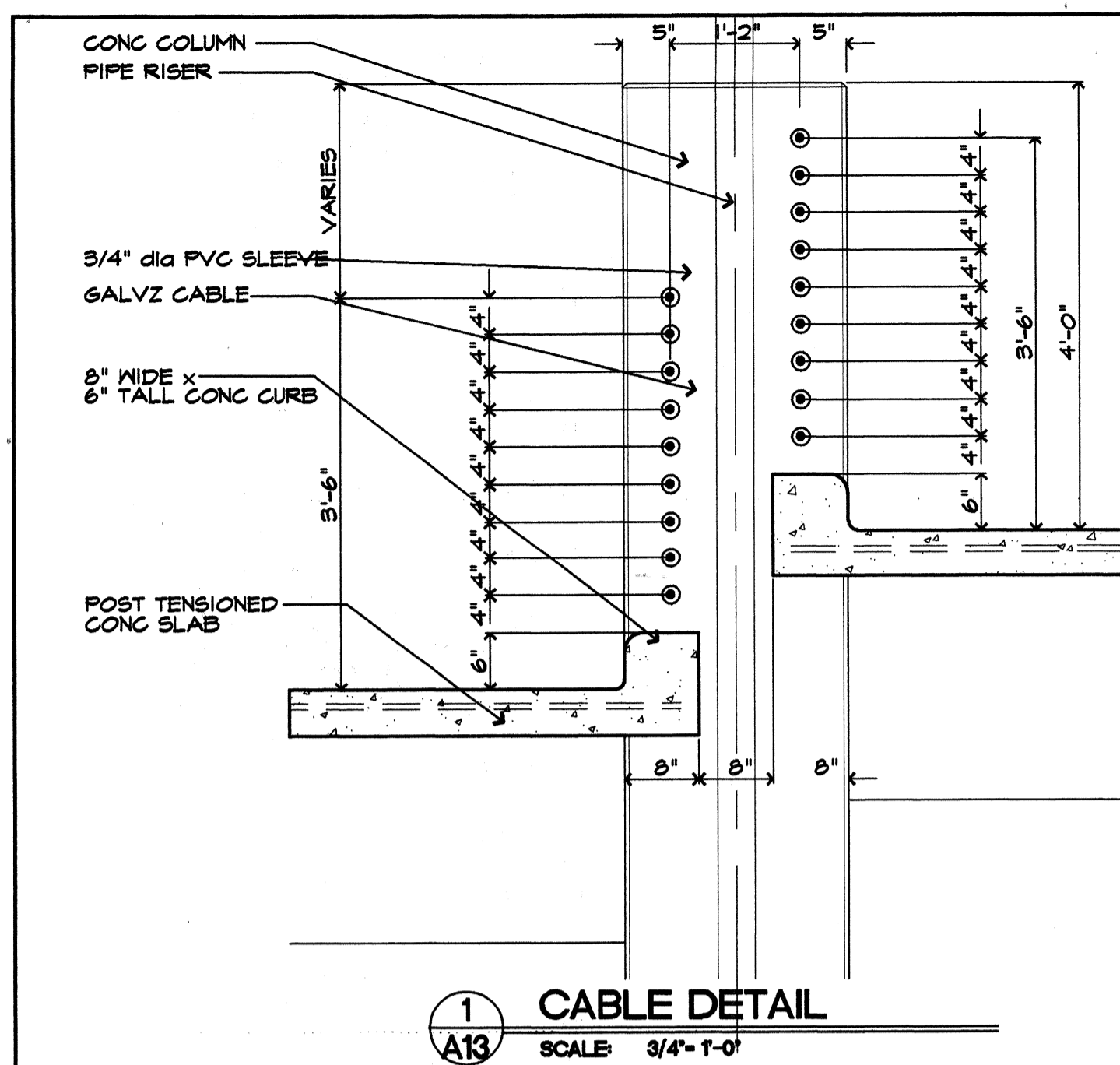
Carl Walker
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CORPORATE REGISTRATION ARCHITECT 0334 - ARKANSAS

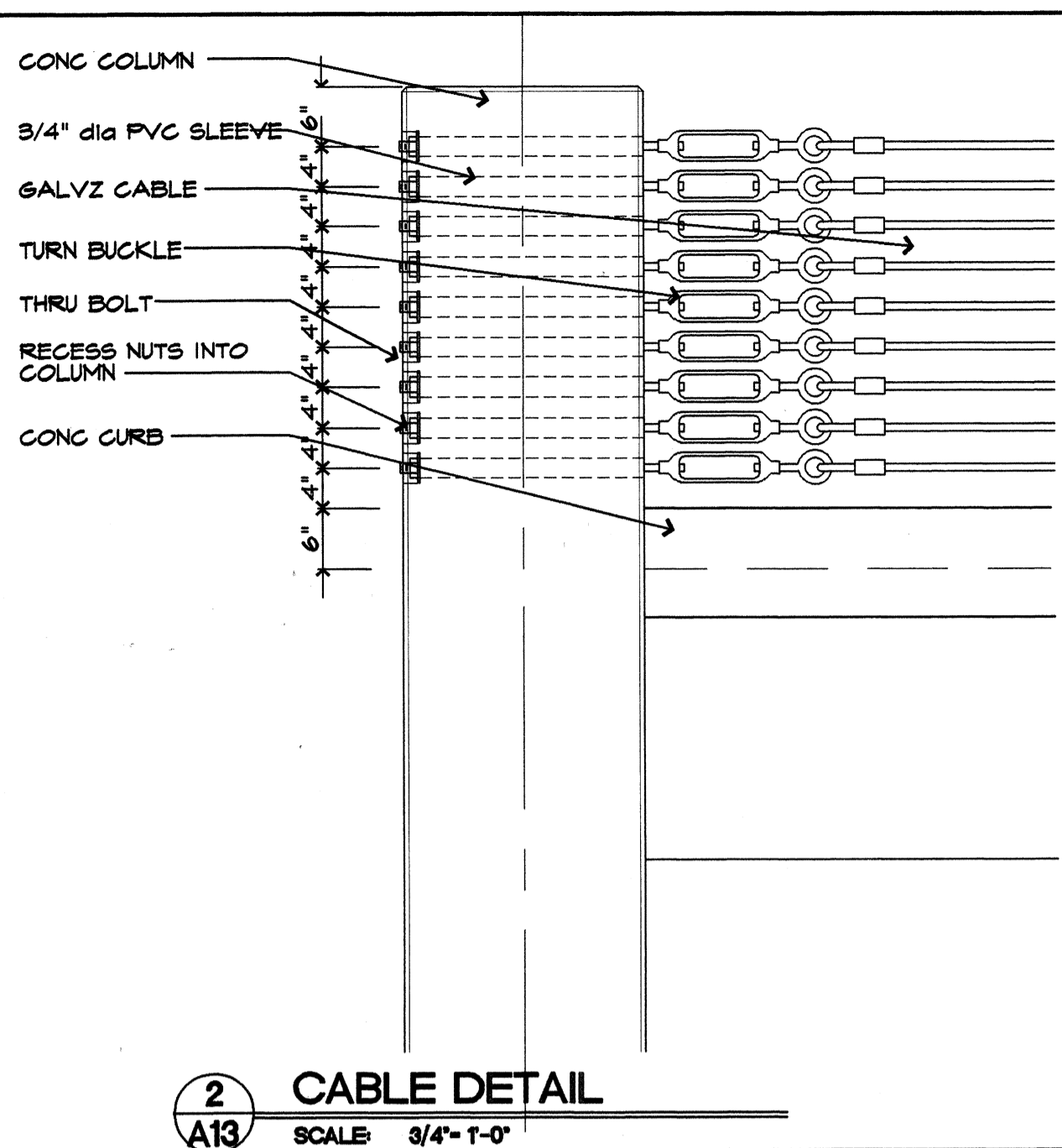
Date 22 SEPTEMBER 00
Revisions

Sheet Title STAIR AND ELEVATOR SECTIONS
Sheet Number A12

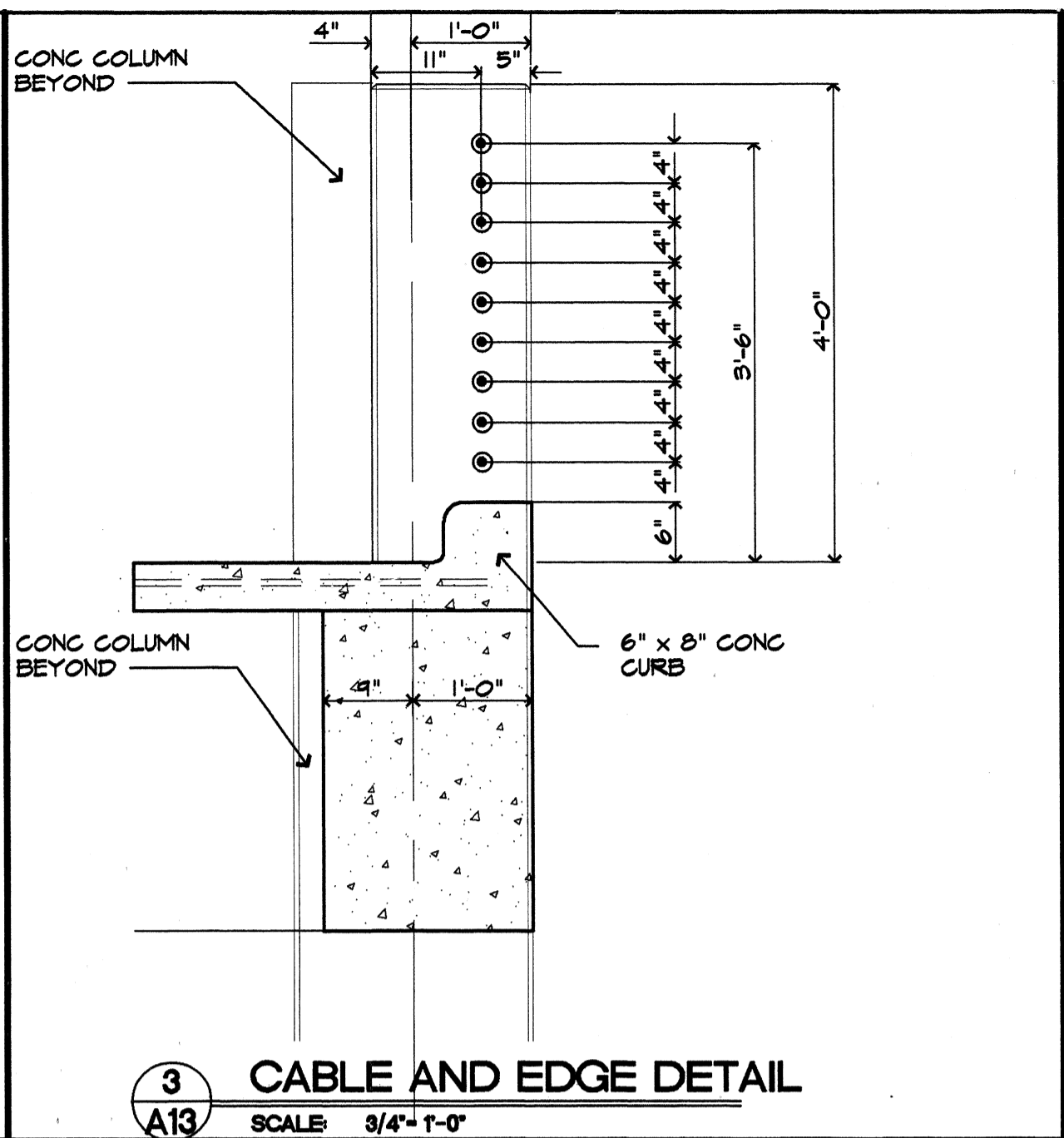
Copyright 1999 BJA



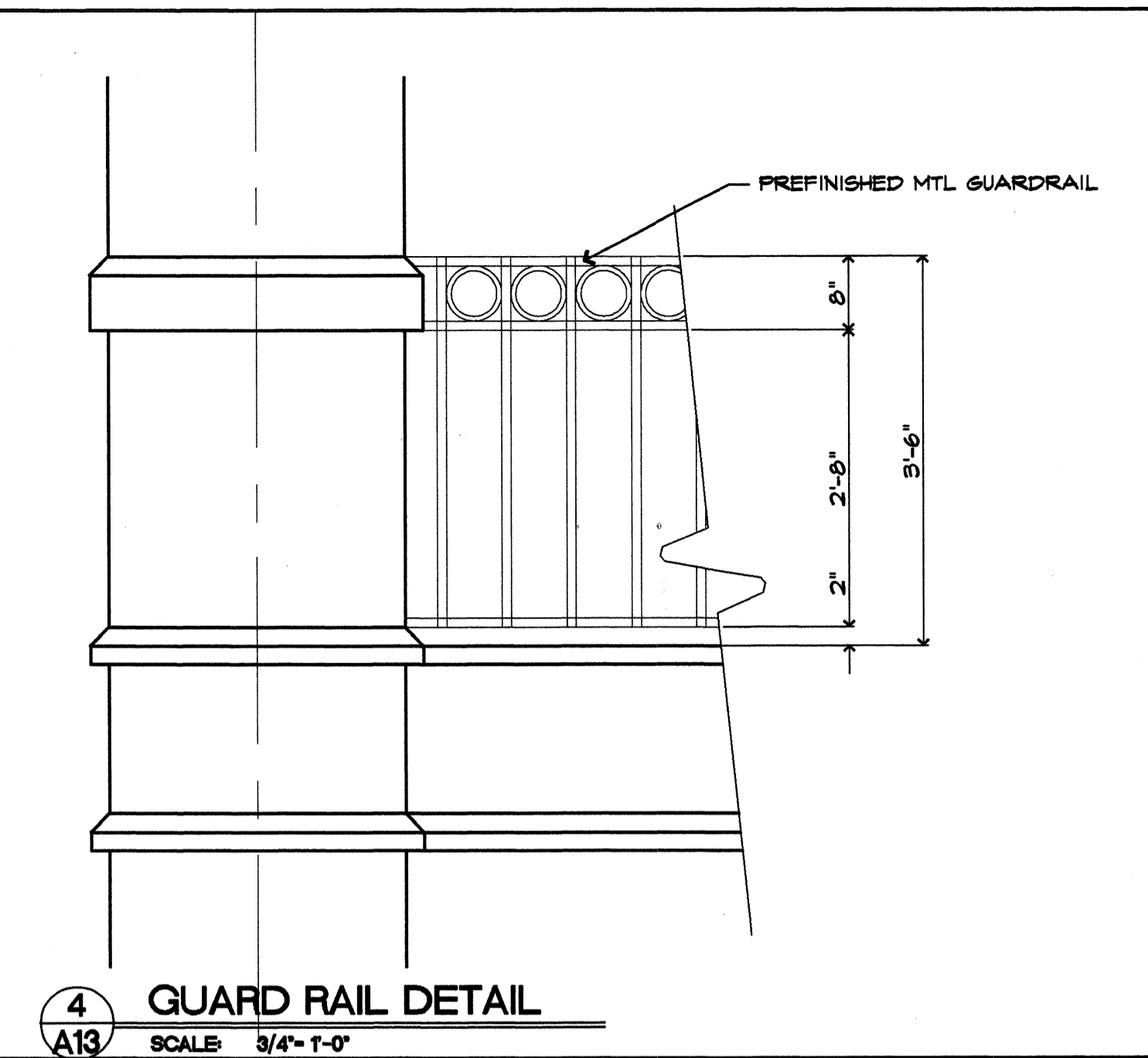
1 CABLE DETAIL
A13 SCALE 3/4" = 1'-0"



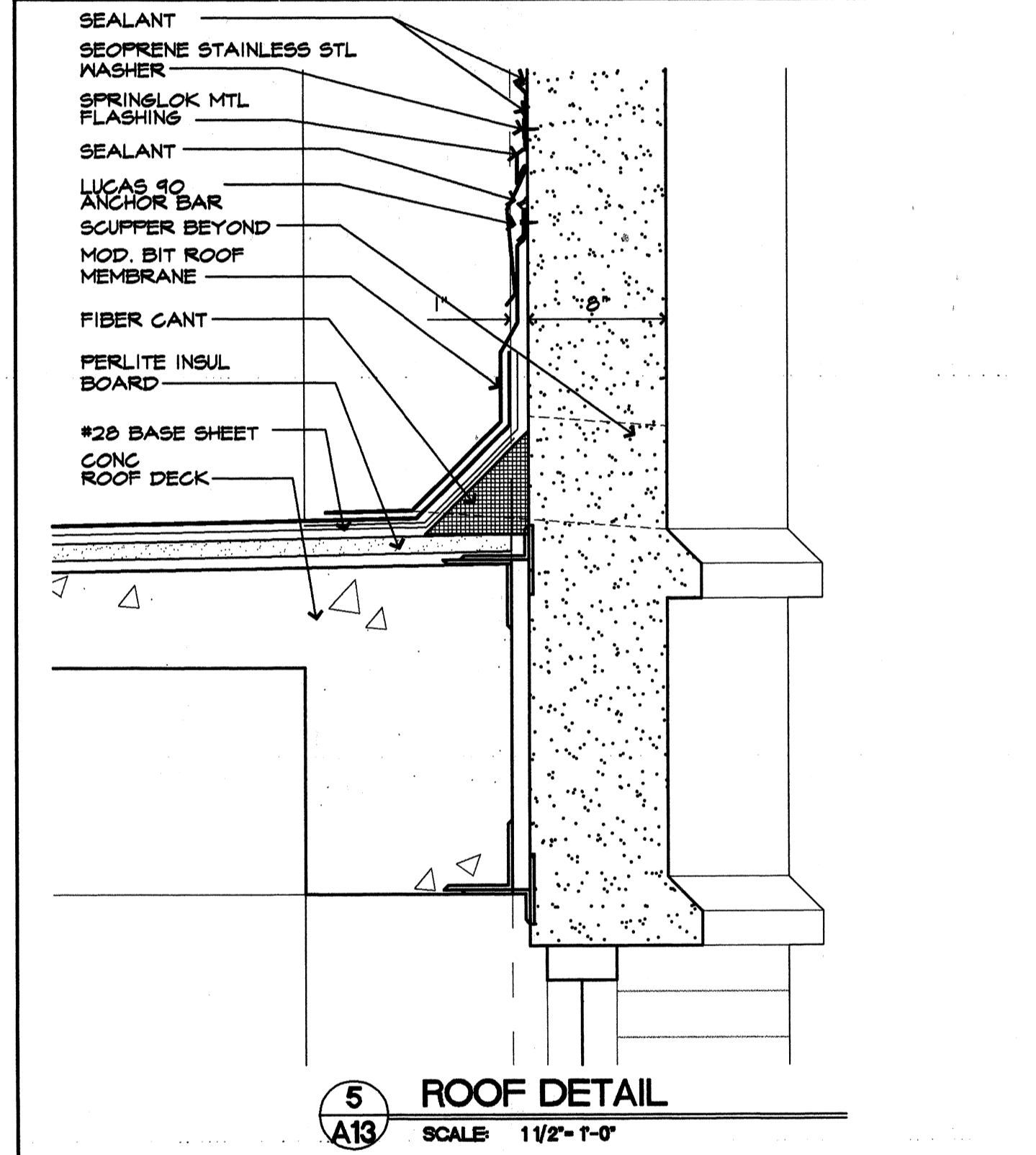
2 CABLE DETAIL
A13 SCALE 3/4" = 1'-0"



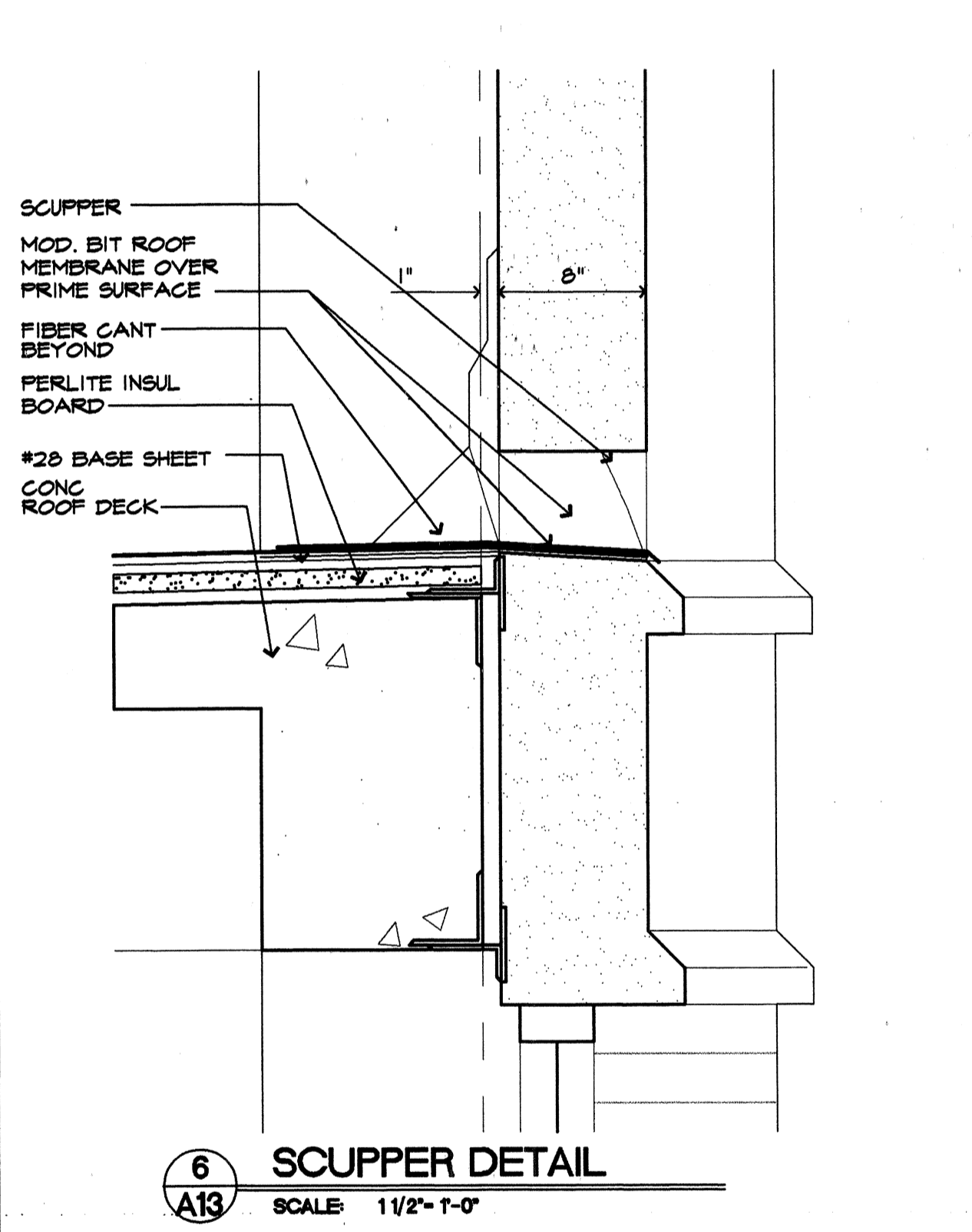
3 CABLE AND EDGE DETAIL
A13 SCALE 3/4" = 1'-0"



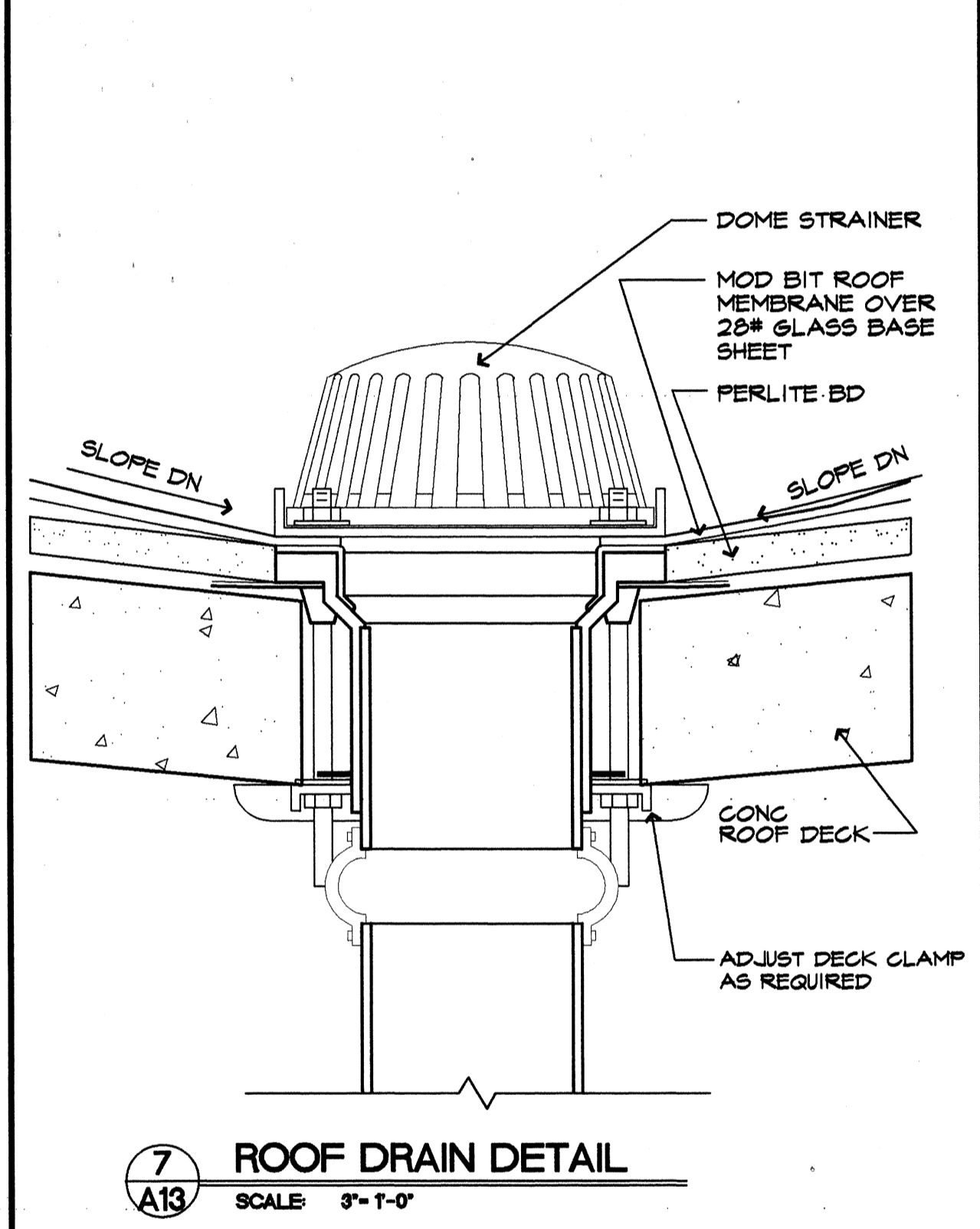
4 GUARD RAIL DETAIL
A13 SCALE 3/4" = 1'-0"



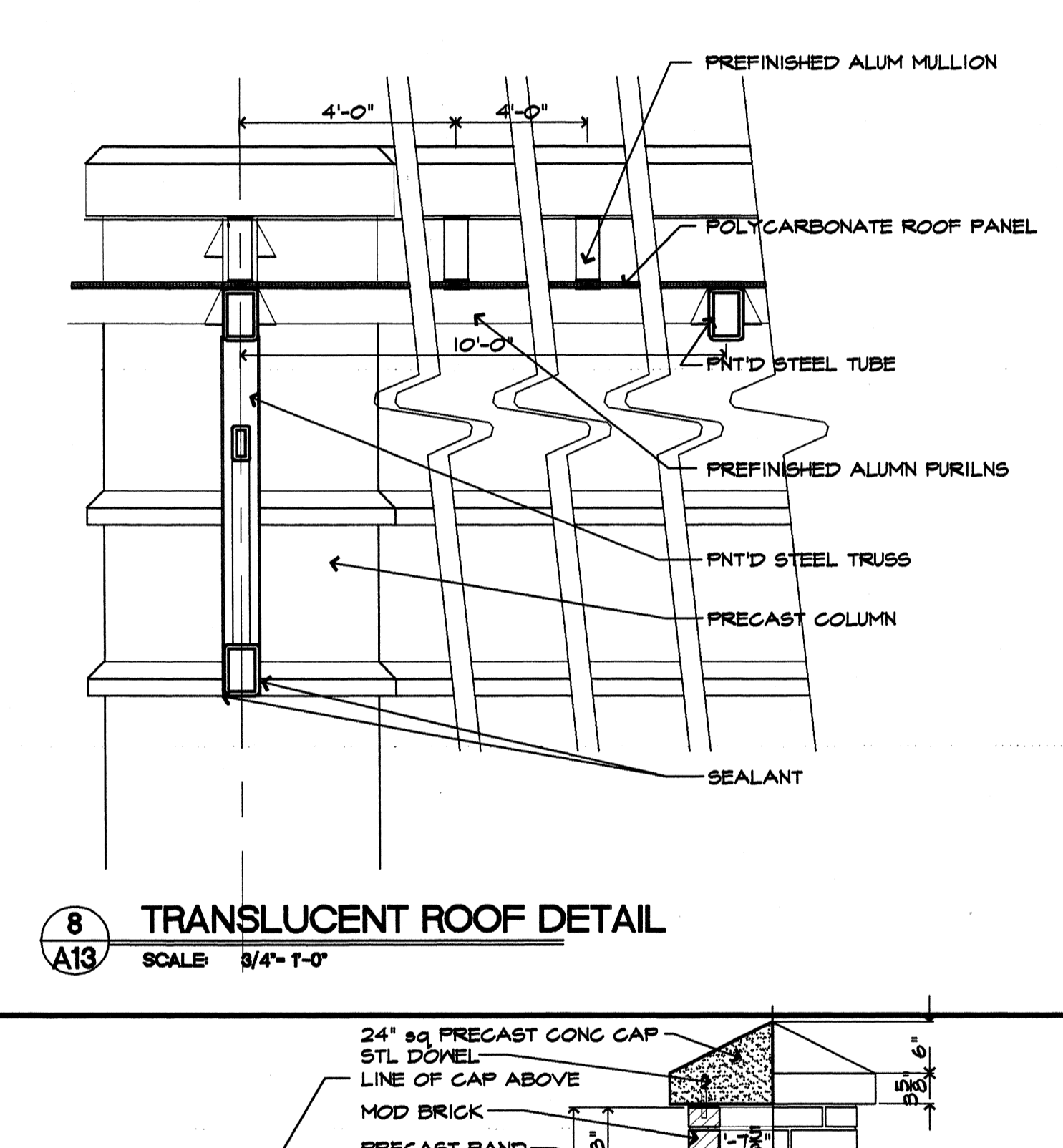
5 ROOF DETAIL
A13 SCALE 1 1/2" = 1'-0"



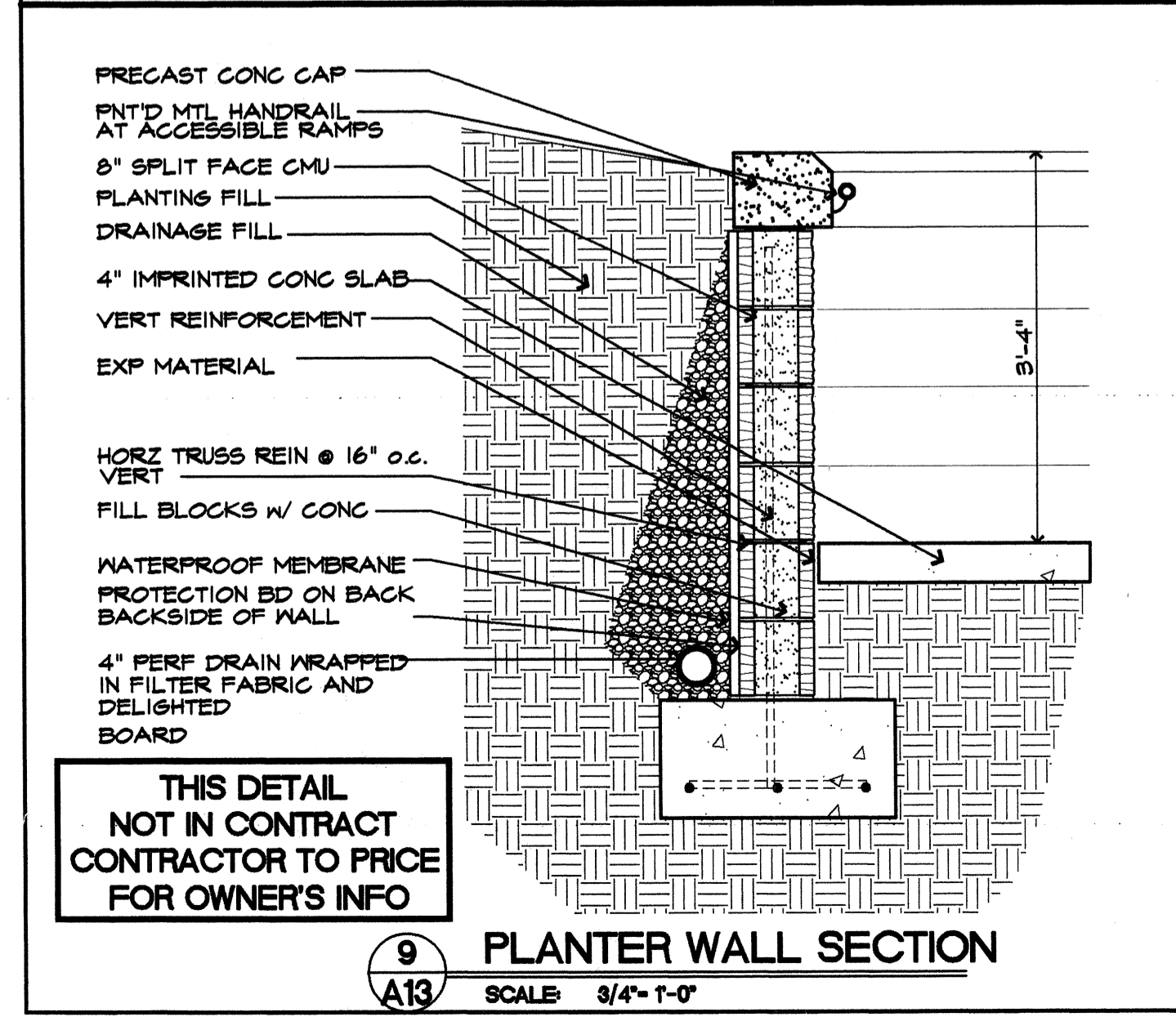
6 SCUPPER DETAIL
A13 SCALE 1 1/2" = 1'-0"



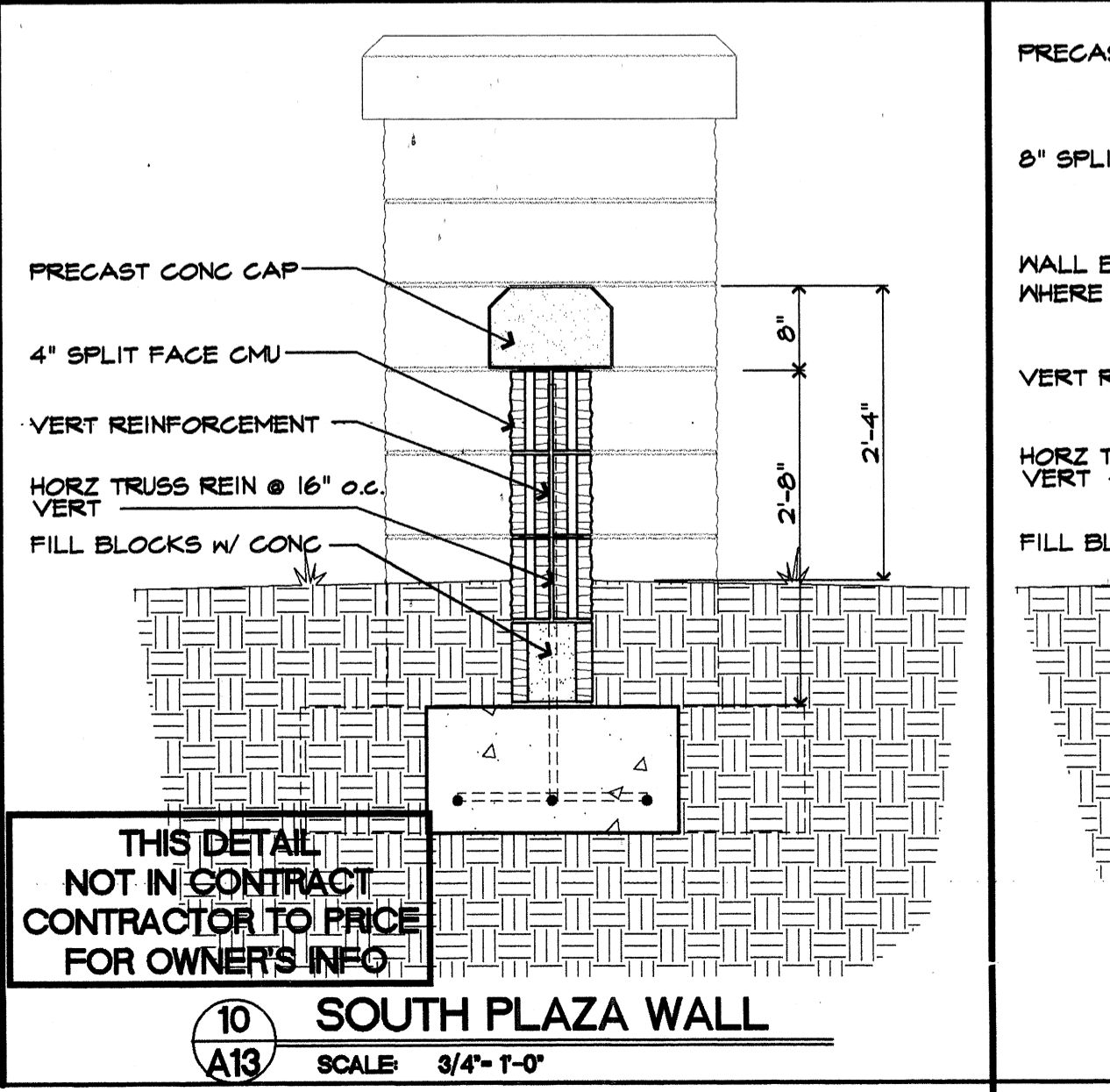
7 ROOF DRAIN DETAIL
A13 SCALE 3" = 1'-0"



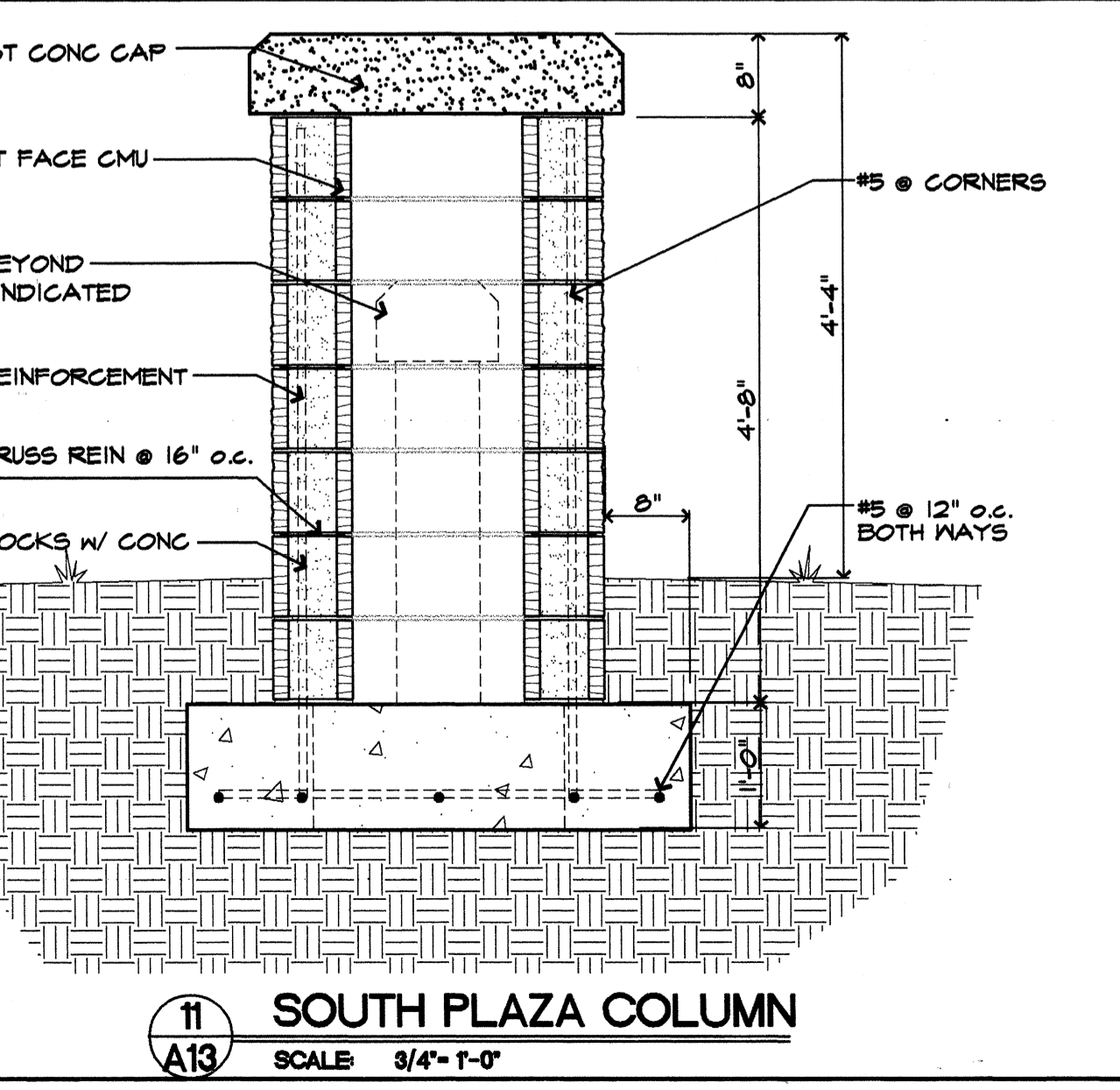
8 TRANSLUCENT ROOF DETAIL
A13 SCALE 3/4" = 1'-0"



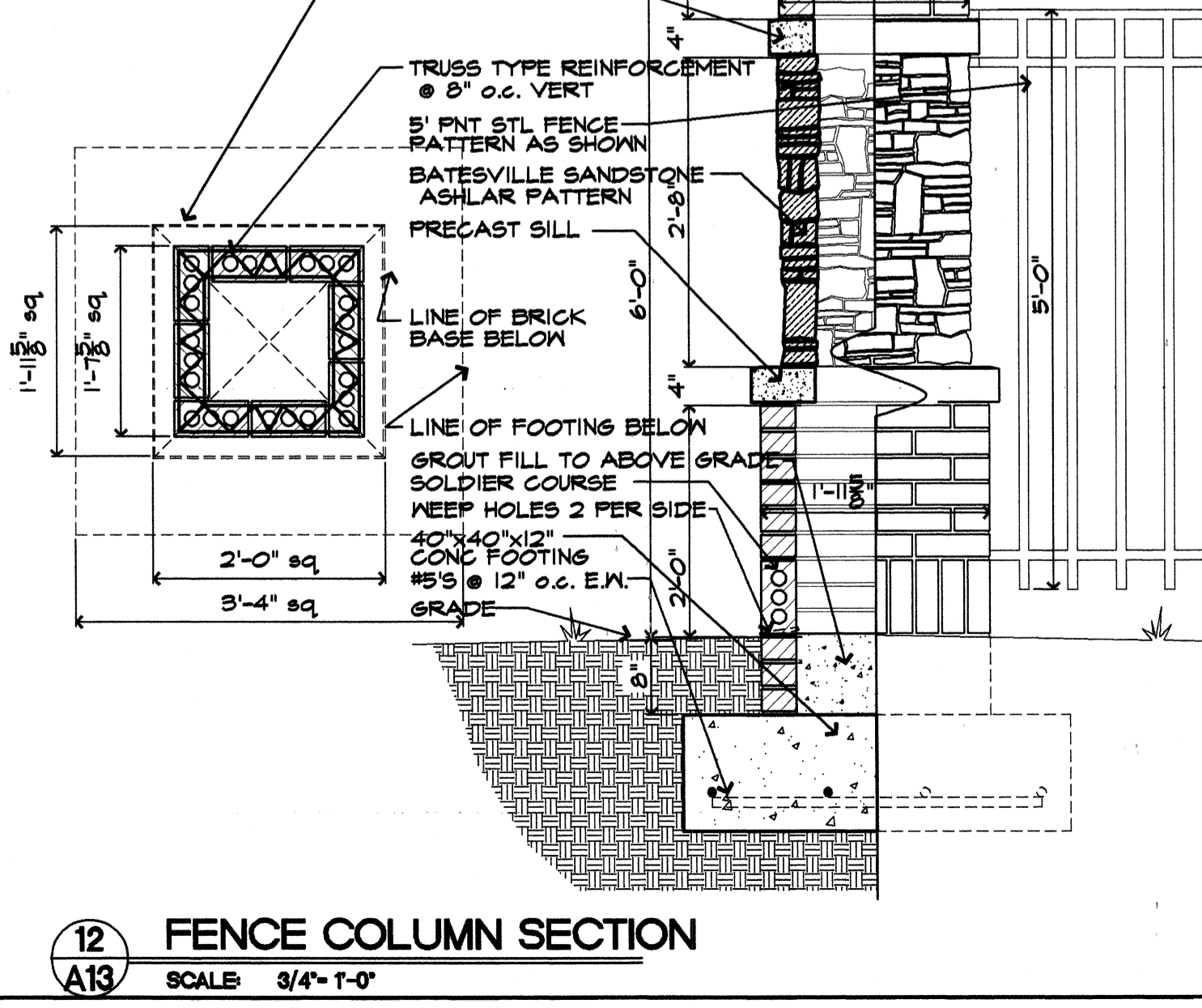
9 PLANTER WALL SECTION
A13 SCALE 3/4" = 1'-0"



10 SOUTH PLAZA WALL
A13 SCALE 3/4" = 1'-0"



11 SOUTH PLAZA COLUMN
A13 SCALE 3/4" = 1'-0"



12 FENCE COLUMN SECTION
A13 SCALE 3/4" = 1'-0"

General Notes

Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY
JONESBORO, ARKANSAS

BJA JOB NUMBER 9914
ASBS JOB NUMBER

BROOKS JACKSON ARCHITECTS
2228 Cottondale Lane - Little Rock, AR 72202 - (501) 664-8700
Carl Walker
Parking Planning Engineering Restoration
18200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248 (972) 458-9855

CORPORATE REGISTRATION
BROOKS JACKSON ARCHITECTS
A13 - ARKANSAS
Date 22 SEPTEMBER 00
Revisions

Sheet Title MISC DETAILS
Sheet Number A13
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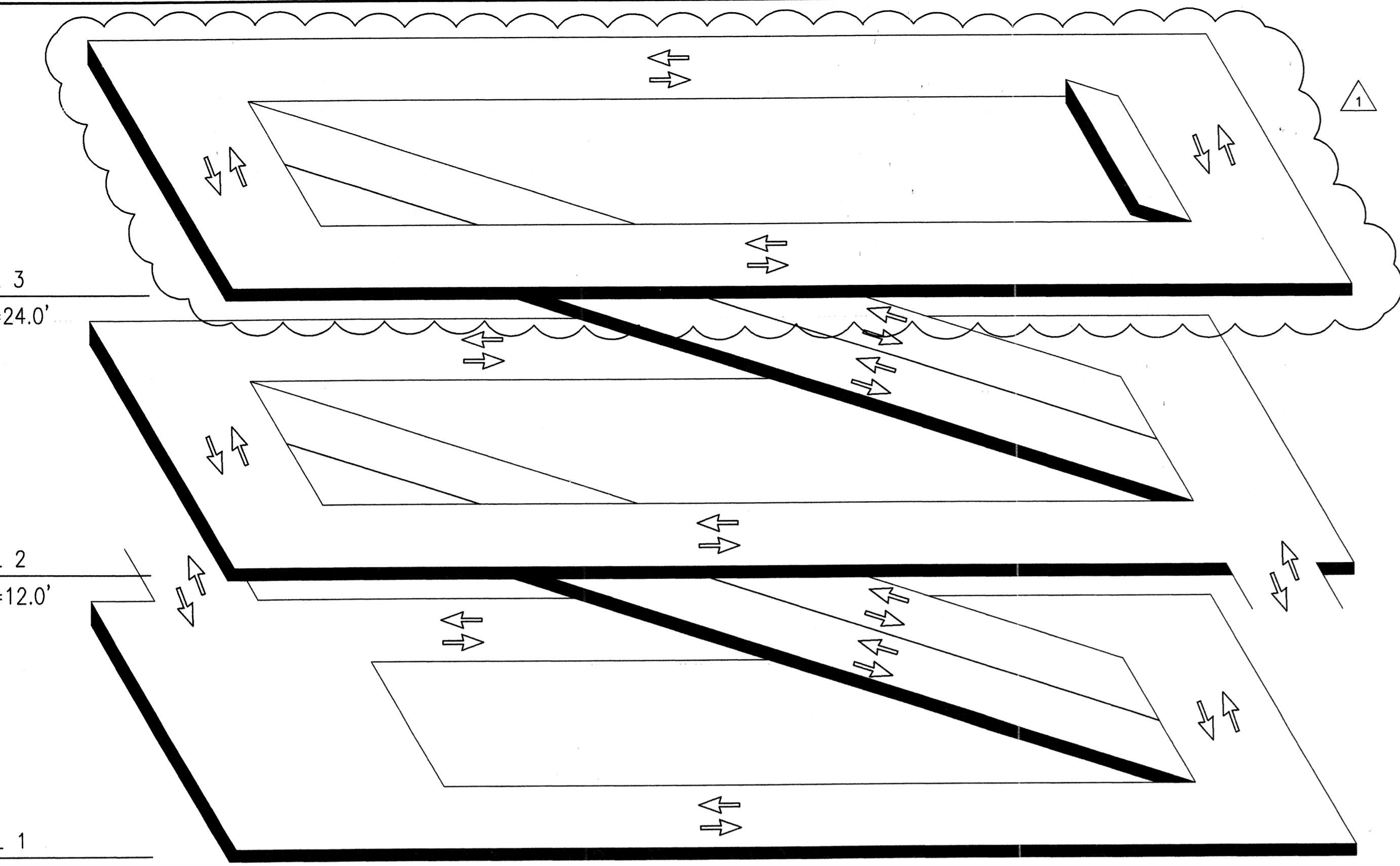
THIS DETAIL NOT IN CONTRACT CONTRACTOR TO PRICE FOR OWNER'S INFO

THIS DETAIL NOT IN CONTRACT CONTRACTOR TO PRICE FOR OWNER'S INFO

LEVEL 3
EL. =24.0'

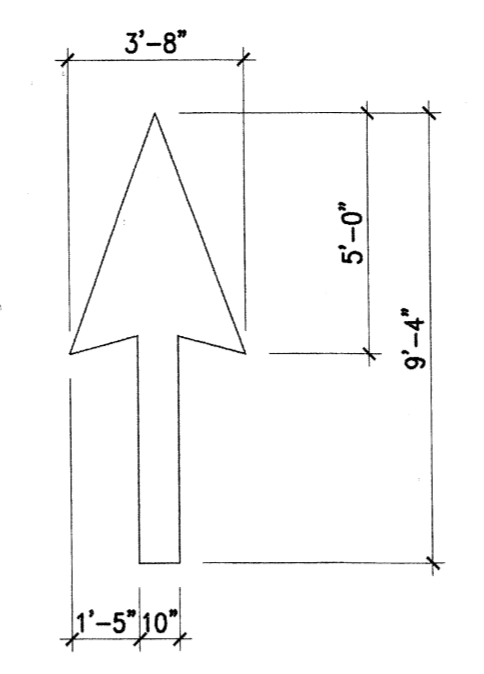
LEVEL 2
EL. =12.0'

LEVEL 1
EL. =0.0

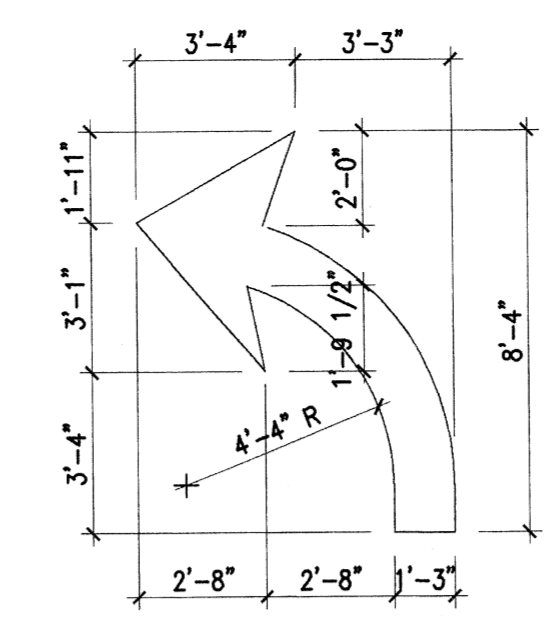


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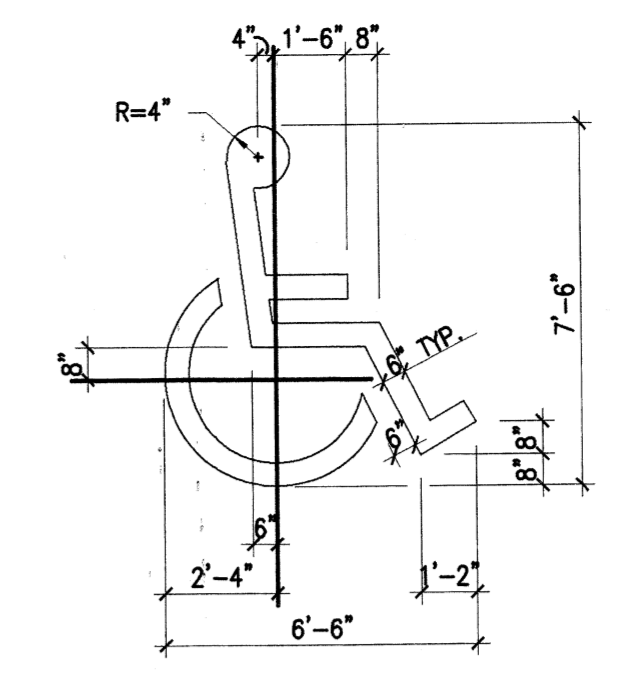
NO SCALE



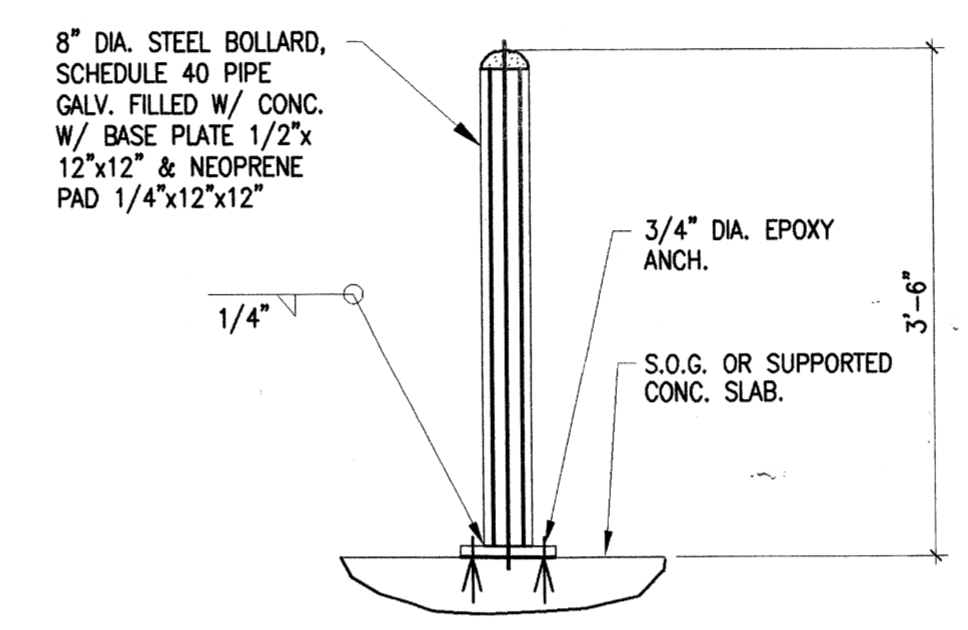
E TRAFFIC ARROW
NO SCALE



F TRAFFIC ARROW
NO SCALE

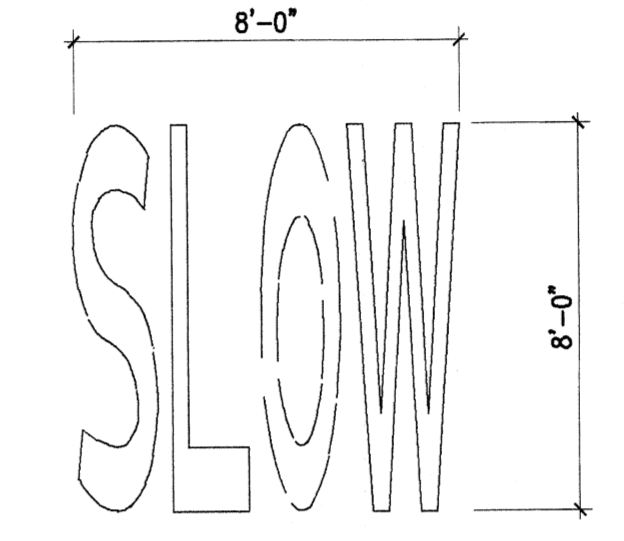


G ACCESSIBLE SYMBOL
NO SCALE



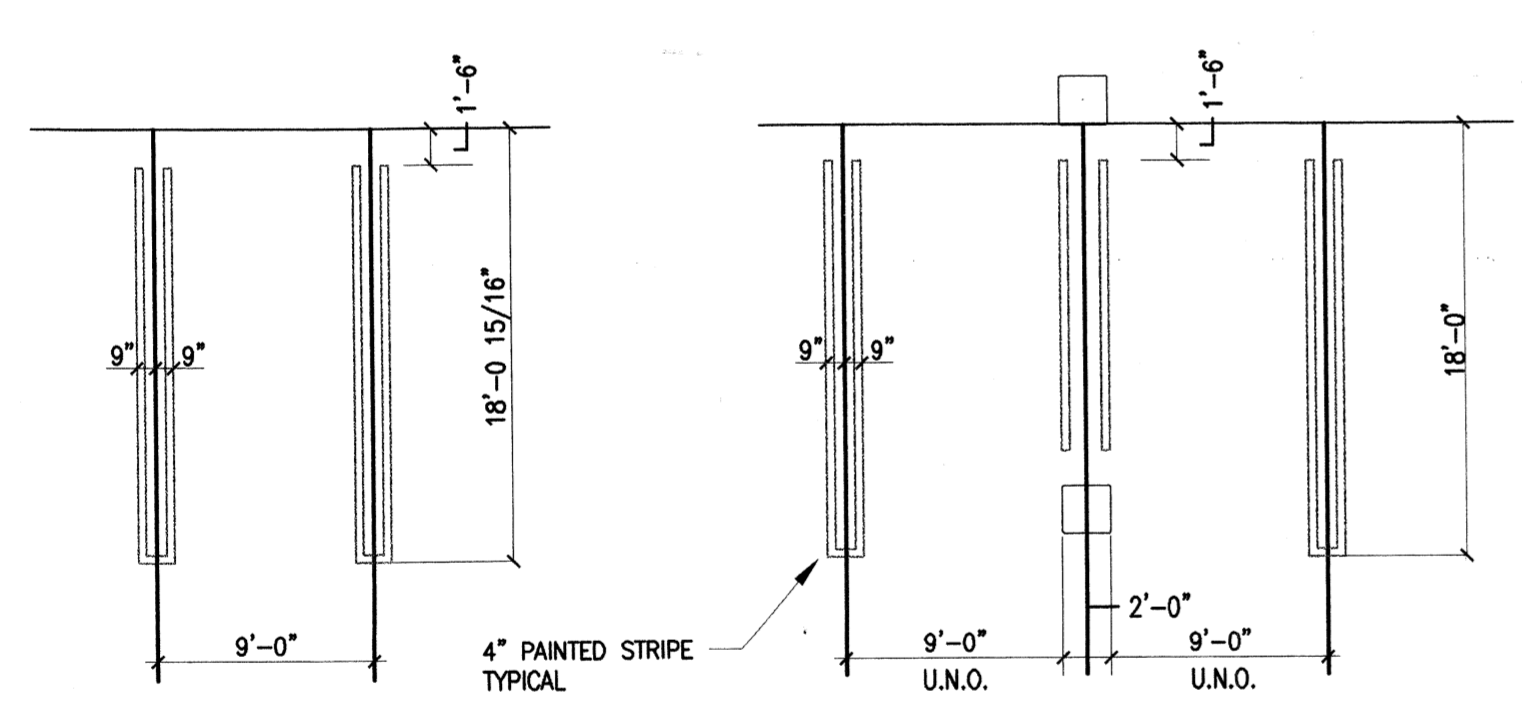
- NOTE:
1. PAINT BOLLARD TRAFFIC YELLOW
 2. FOR P/T SLAB LOCATE TENDONS PRIOR TO DRILLING ANCHORS.

H BOLLARD DETAIL
NO SCALE



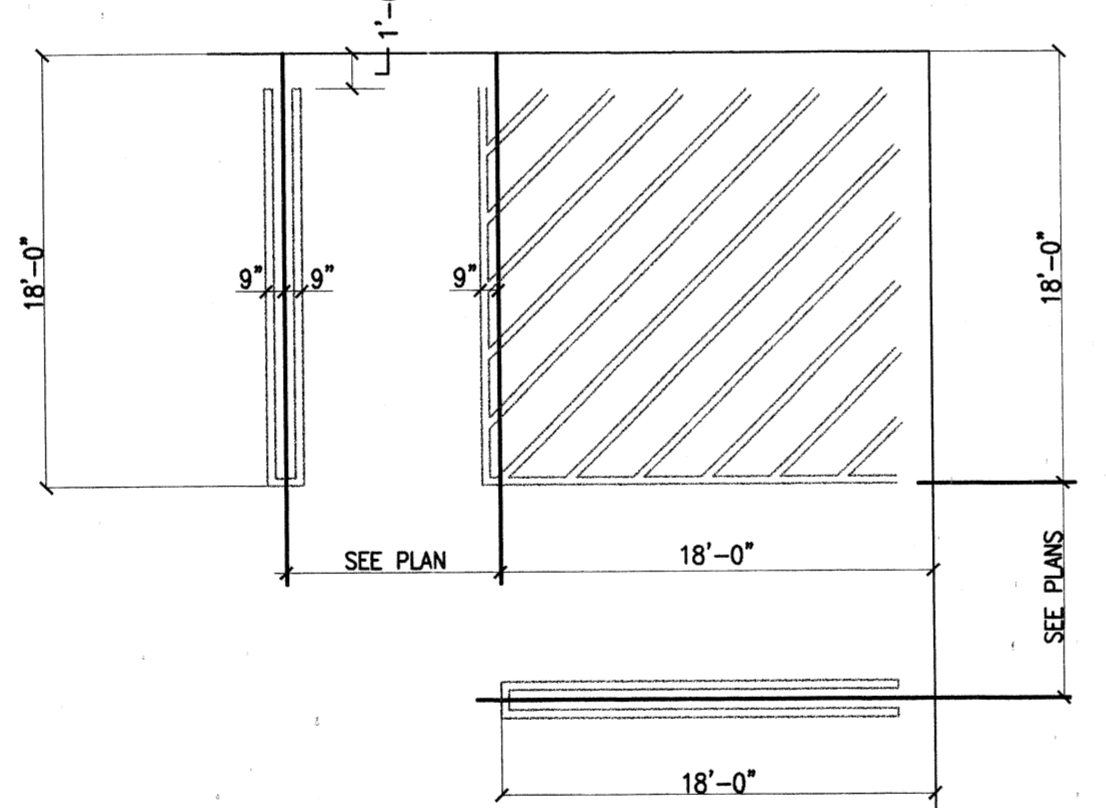
NOTE:
REFER TO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, "MARKINGS" SECTION, FOR ADD'L INFO.

J MARKING DETAIL
NO SCALE

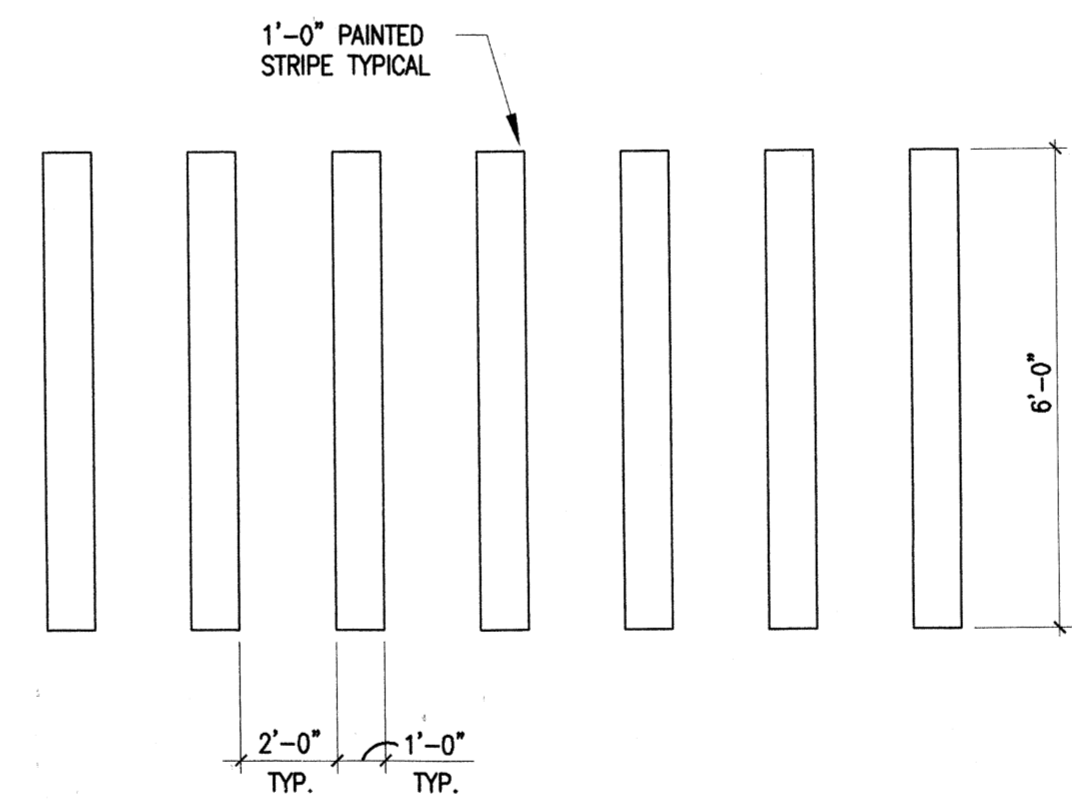


A STANDARD SPACE
NO SCALE

B END BAY SPACES
NO SCALE

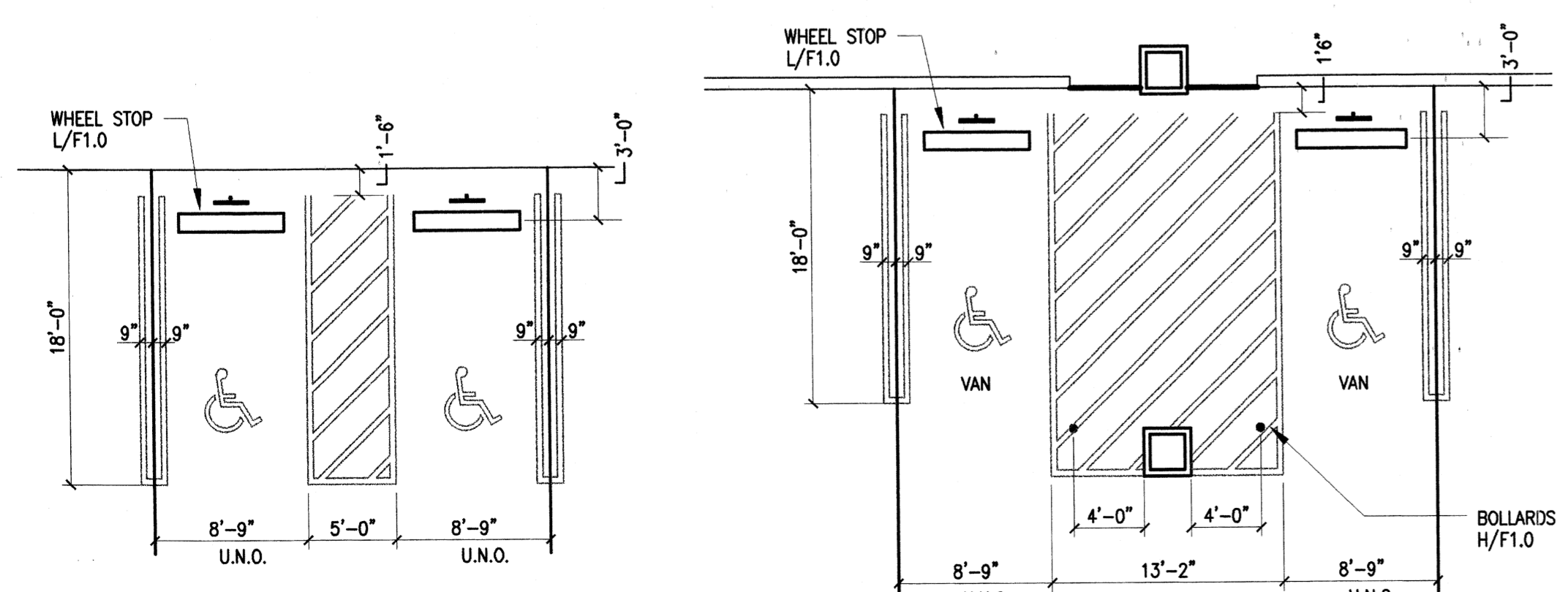


C CORNER SPACE
NO SCALE



K PED. CROSSWALK
NO SCALE

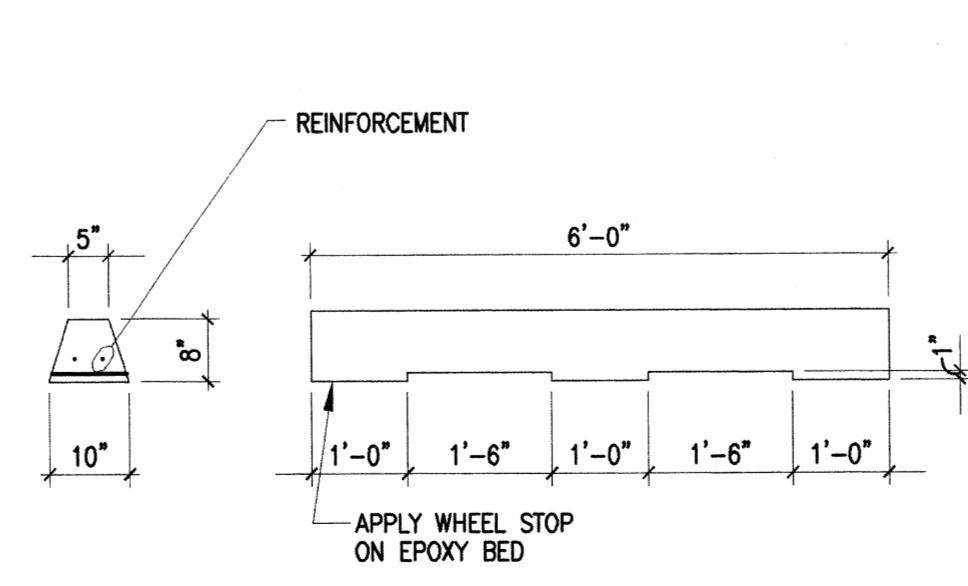
SPACE TABULATION CHART			
LEVEL	STANDARD SPACE	ADA ACCESSIBLE	TOTAL NO. OF SPACES
1	180	8	188
2	222	3	225
3	198	2	200
TOTAL	600	13	613



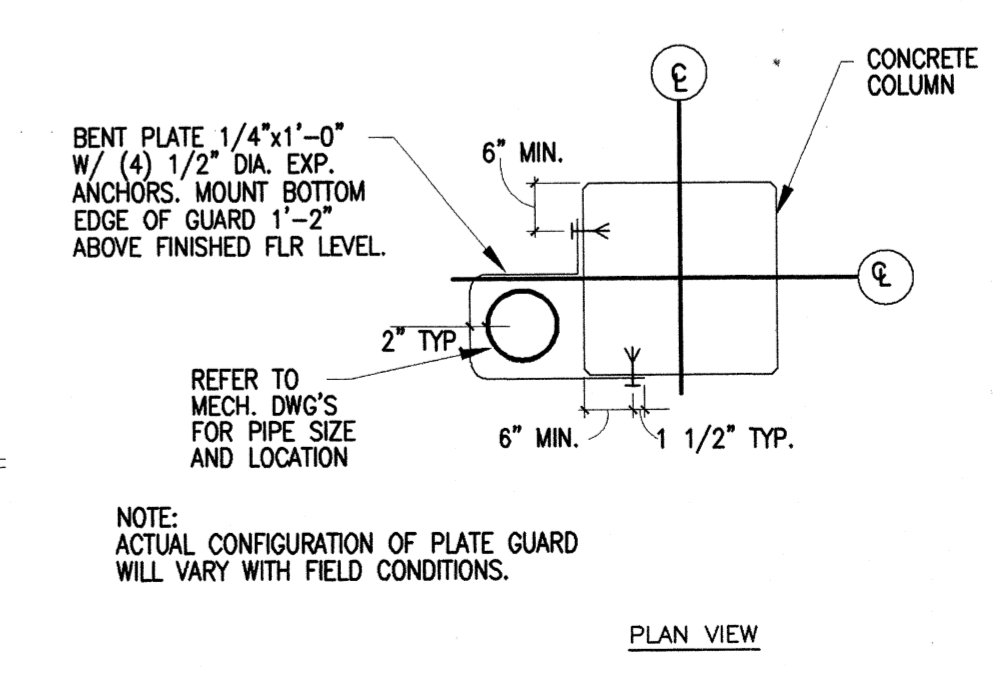
D TYPICAL ADA LAYOUT
NO SCALE

STRIPING NOTES:

1. ALL FLOOR STRIPES ARE 4" WIDE. COLOR IS TO BE TRAFFIC YELLOW.
2. BLOCKED OUT AREAS ARE TO BE DIAGONALLY STRIPED WITH 4" WIDE STRIPES AT 2'-0" O.C. ON A 45 DEGREE ANGLE WHERE SHOWN ON PLANS AND DETAILS.
3. PARKING SPACE STRIPING DIMENSIONS INDICATED ARE NOMINAL DIMENSIONS. TOLERANCES ARE AS FOLLOWS:
A. PARKING SPACE LENGTH = INDICATED LENGTH ± 2".
B. PARKING SPACE WIDTH = INDICATED WIDTH ± 1".
C. BASE LINE LENGTH = INDICATED LENGTH ± 1".
D. STRIPE WIDTH = 4" ± 1/4".
E. TOTAL OVERALL STRING BASELINE DIMENSIONS = INDICATED LENGTH ± 2" PER RUN.
4. PARKING SPACE DIMENSIONS INDICATED ARE FROM THE FACE OF A WALL OR COLUMN, UNLESS OTHERWISE INDICATED OR NOTED.
5. KEY TO STRIPING ABBREVIATIONS:
 -- ACCESSIBLE (ADA) PARKING
6. Per final contract revisions, PARKING STRIPING IS SINGLE LINE



L PRECAST WHEEL STOP
NO SCALE



M PIPE PROTECTION DETAIL
NO SCALE

General Notes

Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY

BJA JOB NUMBER 9914
ASBS JOB NUMBER 0003.01

BROOKS JACKSON ARCHITECTS

2228 Cottondale Lane - Little Rock, AR 72202 • (501) 684-8700

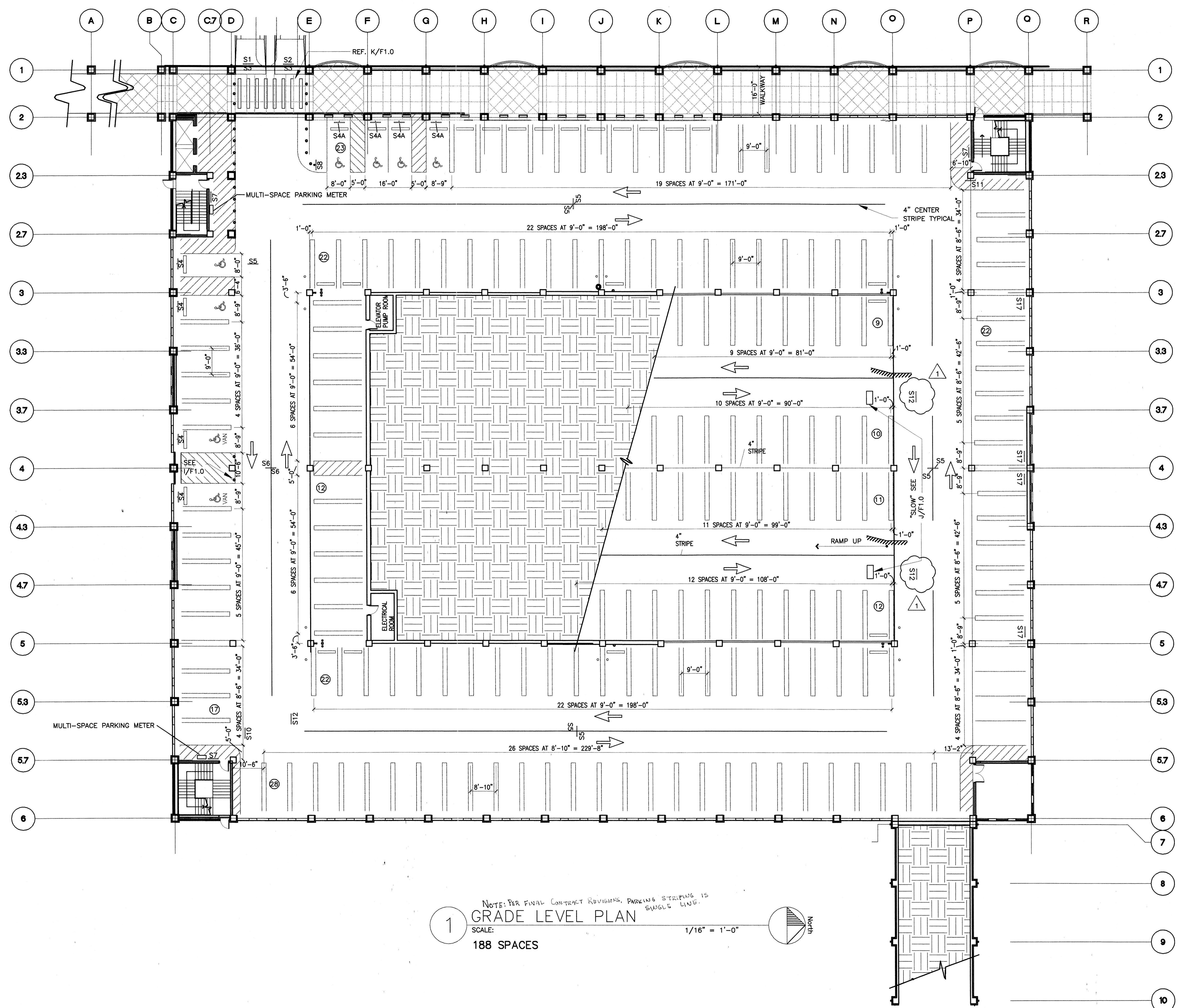
Carl Walker
Parking
Planning Engineering Restoration
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Date
22 SEPT 00
Revisions
CHANGE ORDER #1,
02/12/01

Sheet Title
ISOMETRIC AND DETAILS

Sheet Number
F1.0

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1 NOTE: PER FINAL CONTRACT REVISIONS, PARKING STRIPING IS SINGLE LINE.
GRADE LEVEL PLAN
 SCALE: 1/16" = 1'-0"
188 SPACES

General Notes

Materials Keying

**A NEW
 PARKING STRUCTURE
 FOR
 ARKANSAS STATE UNIVERSITY**

BJA JOB NUMBER 9914
 ASBS JOB NUMBER 0003.01

**BROOKS JACKSON
 ARCHITECTS**

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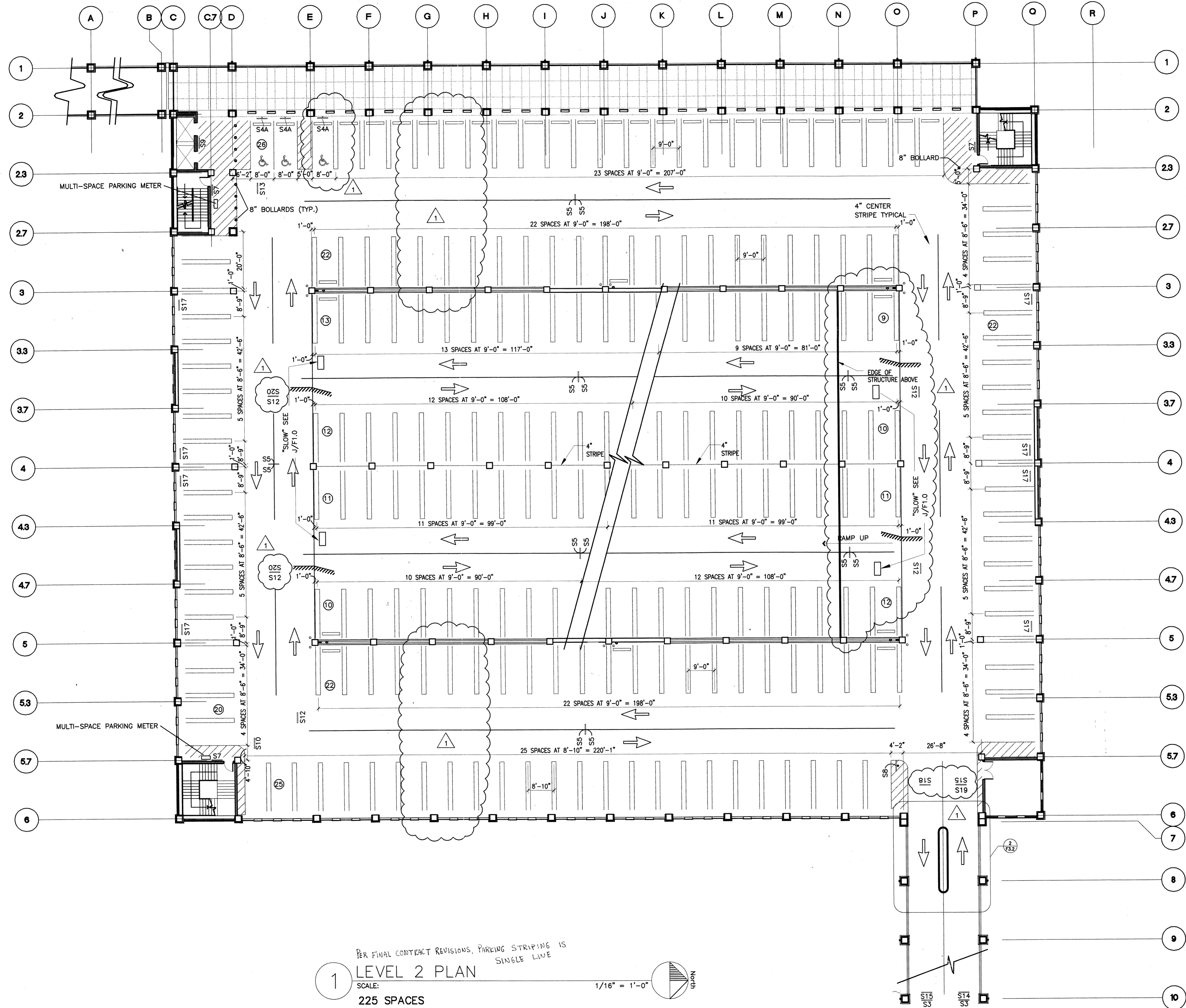
Carl Walker
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 Planning Engineering Restoration
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Date
22 SEPT 00
 Revisions
 CHANGE ORDER #1,
 02/12/01

Sheet Title Sheet Number

**PARKING
 1
 LEVEL
 LAYOUT** **F2.1**

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PER FINAL CONTRACT REVISIONS. PARKING STRIPING IS SINGLE LINE

1 LEVEL 2 PLAN

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

225 SPACES

General Notes

Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY

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ASBS JOB NUMBER 0003.01

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Carl Walker
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Date 22 SEPT 00
Revisions
1 CHANGE ORDER #1, 02/12/01

Sheet Title

PARKING 2 LEVEL LAYOUT

Sheet Number

F2.2

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General Notes

Materials Keying

A NEW
PARKING STRUCTURE
FOR
ARKANSAS STATE UNIVERSITY

BJA JOB NUMBER 9914
ASBS JOB NUMBER 0003.01

BROOKS JACKSON
ARCHITECTS

2228 Cottondale Lane - Little Rock, AR 72202 - (501) 684-8700

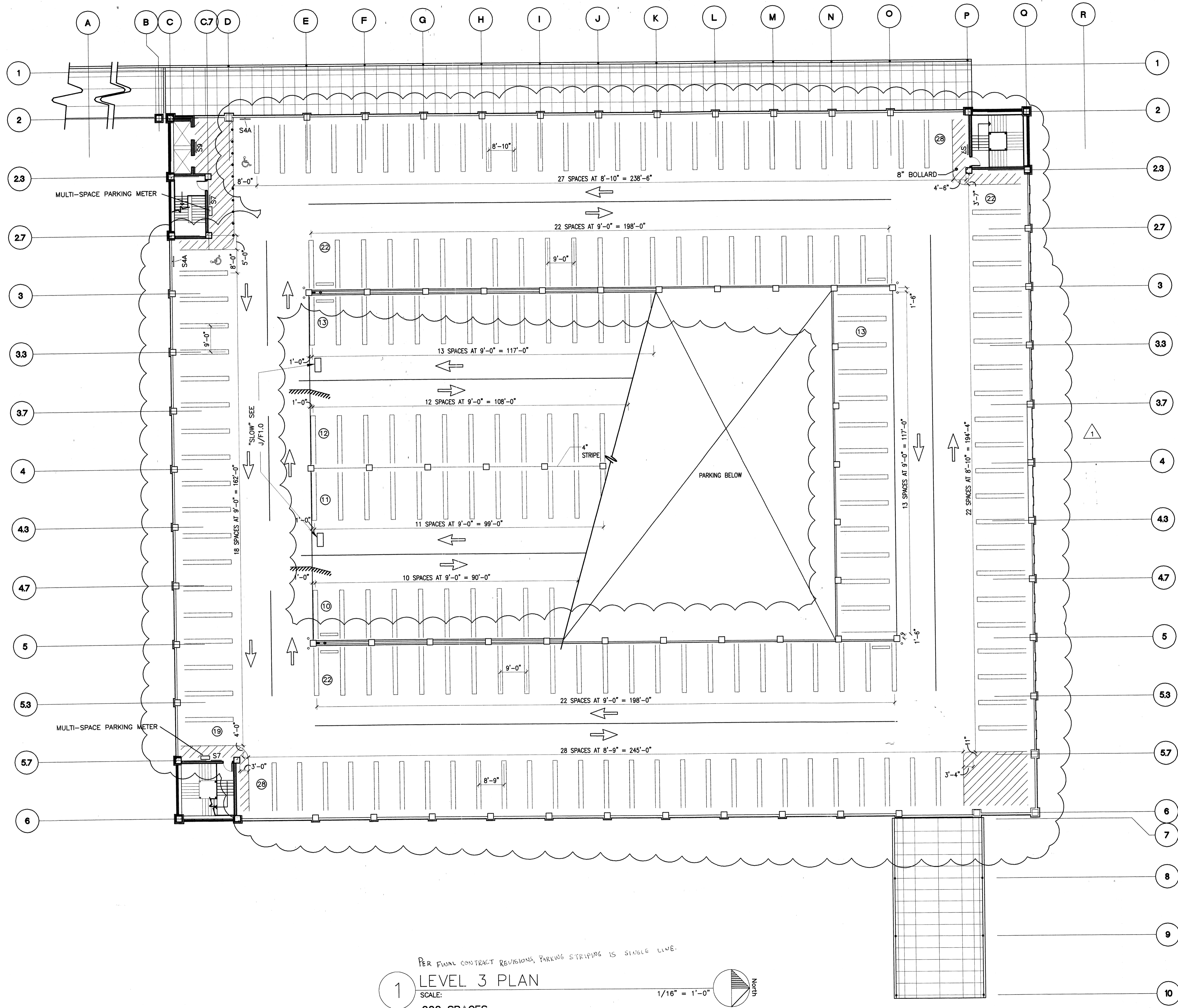
Carl Walker
Parking
Planning Engineering Restoration
16200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 458-9855

Date
22 SEPT 00
Revisions
CHANGE ORDER #1,
02/12/01

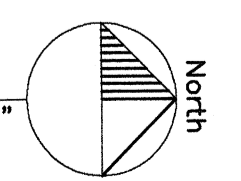
Sheet Title
**PARKING
3
LEVEL
LAYOUT**

Sheet Number
F2.3

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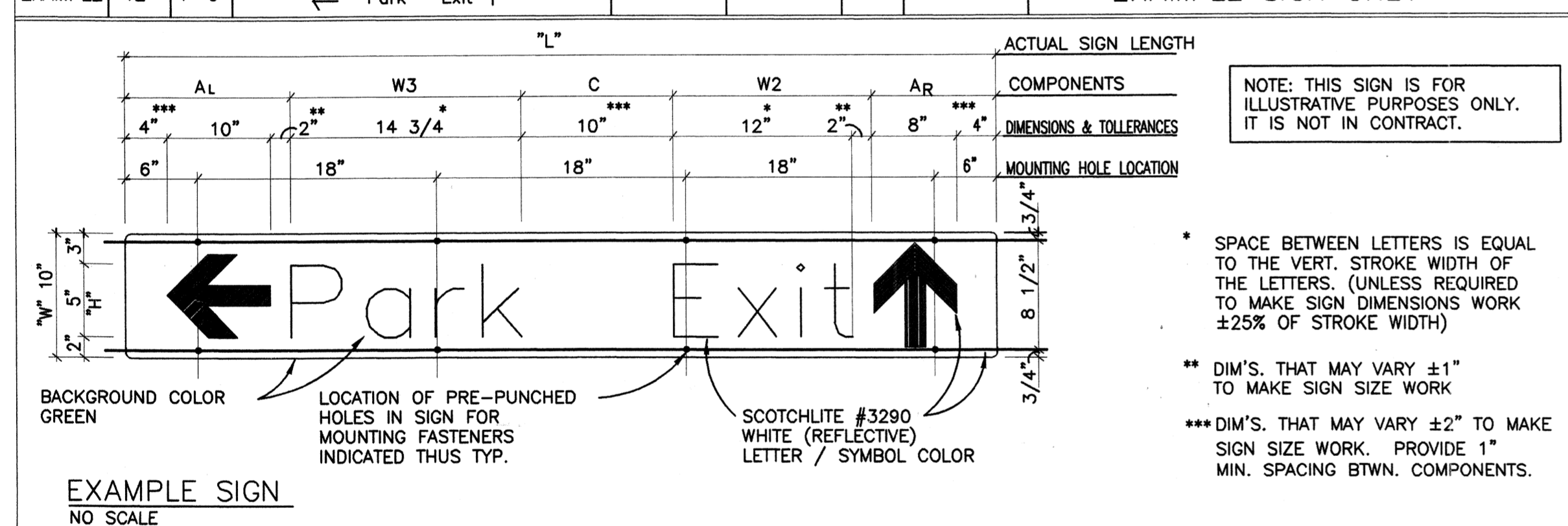


PER FINAL CONTRACT REVISIONS, PARKING STRIPING IS SINGLE LINE.
1 LEVEL 3 PLAN
 SCALE: 1/16" = 1'-0"
 200 SPACES



SIGN SCHEDULE										
MARK	SIZE		TEXT	BACKGRND. COLOR	LETTERS/SYMB.		MOUNTING		SIGN TYPE	REMARKS
	D	L			"H"	COLOR	DETAIL	HEIGHT		
S1	12"	-	ENTER ↑	-	12"	-	3/F3.1	10'-0"	H	CAST ALUMINUM LETTERS
S2	12"	-	EXIT	-	12"	-	3/F3.1	10'-0"	H	CAST ALUMINUM LETTERS
S3	10"	10'-0"	CLEARANCE 8'-2"	WHITE	8"	BLACK	4/F3.1	8'-2"	D	10" PVC PIPE
S4	-	-	Van Accessible	BLUE	-	WHITE	6/F3.1	5'-0"	J	SIGN TO COMPLY WITH LOCAL AND FEDERAL REGULATORY STANDARDS
S4A	-	-	Accessible	BLUE	-	WHITE	6/F3.1	5'-0"	J	SIGN TO COMPLY WITH LOCAL AND FEDERAL REGULATORY STANDARDS
S5	10"	8'-0"	Caution: Two-Way Traffic	GREEN	6"	WHITE	1/F3.1	8'-4"	A	*
S6	10"	10'-0"	Caution: Ped Xing	WHITE	6"	BLUE	1/F3.1	8'-4"	A	*
S7	2'-0"	2'-0"	LEVEL #	GREEN	2"	WHITE	7/F3.1	4'-0"	C	*
S8	2'-0"	2'-0"	STOP	SEE DETAIL	-	-	6/F3.3	5'-0"	J	SIGN TO COMPLY WITH LOCAL AND FEDERAL REGULATORY STANDARDS
S9	12"	12"	In Case of Fire, Use Stairs	SEE DETAIL	-	-	7/F3.1	4'-0"	L	*
S10	10"	8'-0"	Elevators →	BLACK	6"	WHITE	1/F3.1	8'-4"	L	*
S11	10"	8'-0"	← Elevators	BLACK	6"	WHITE	1/F3.1	8'-4"	L	*
S12	10"	8'-0"	Exit →	BLACK	6"	WHITE	1/F3.1	8'-4"	L	*
S13	10"	8'-0"	← Exit	BLACK	6"	WHITE	1/F3.1	8'-4"	L	*
S14	12"	10'-0"	ENTRANCE	BLACK	6"	WHITE	5/F3.1	9'-6"	L	*
S15	12"	10'-0"	DO NOT ENTER	BLACK	6"	WHITE	5/F3.1	9'-6"	L	*
S16	6"	12"	001	BLACK	3 1/2"	WHITE	7/F3.1	4'-0"	C	3 DIGIT NUMBER STARTING AT 001
S17	1'-4"	1'-6"	Compact Car Only	BLACK	7 1/2"	WHITE	7/F3.1	5'-0"	A	*
S18	10"	8'-0"	Exit ↑	BLACK	6"	WHITE	1/F3.1	8'-4"	L	*
S19	2'-0"	2'-0"	KEEP RIGHT	BLACK	6"	WHITE	1/F3.1	8'-4"	L	*
S20	10"	8'-0"	← Exit ↑	BLACK	6"	WHITE	1/F3.1	8'-4"	L	*

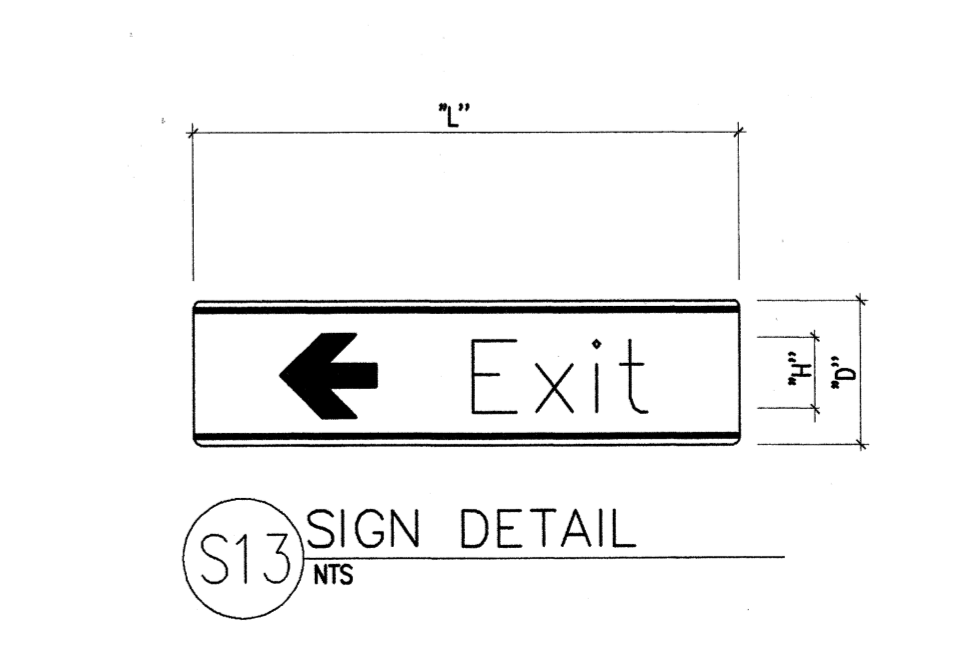
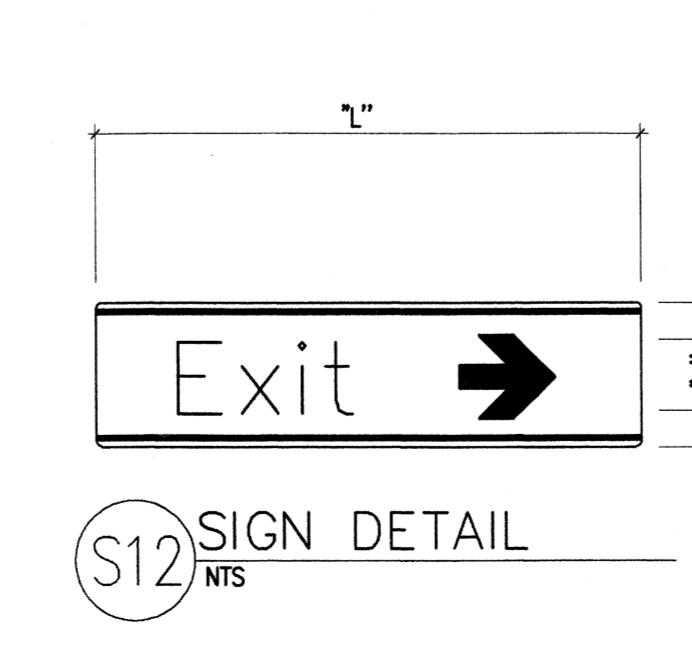
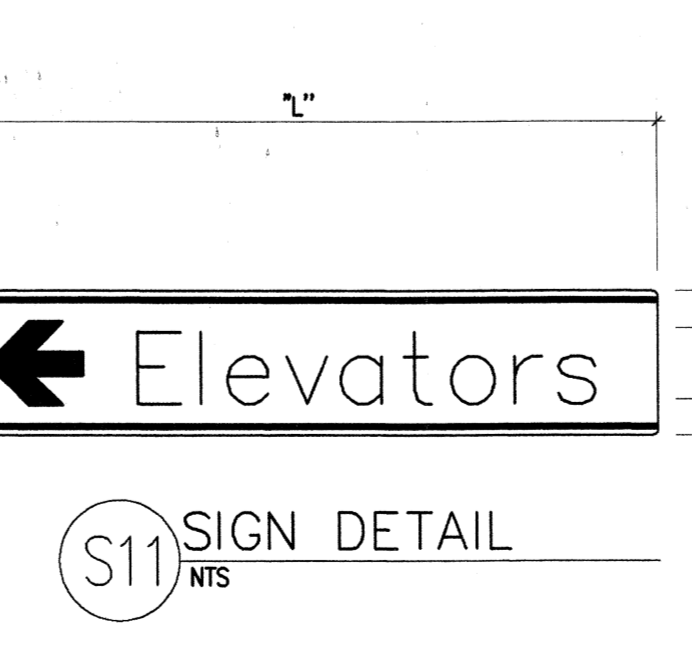
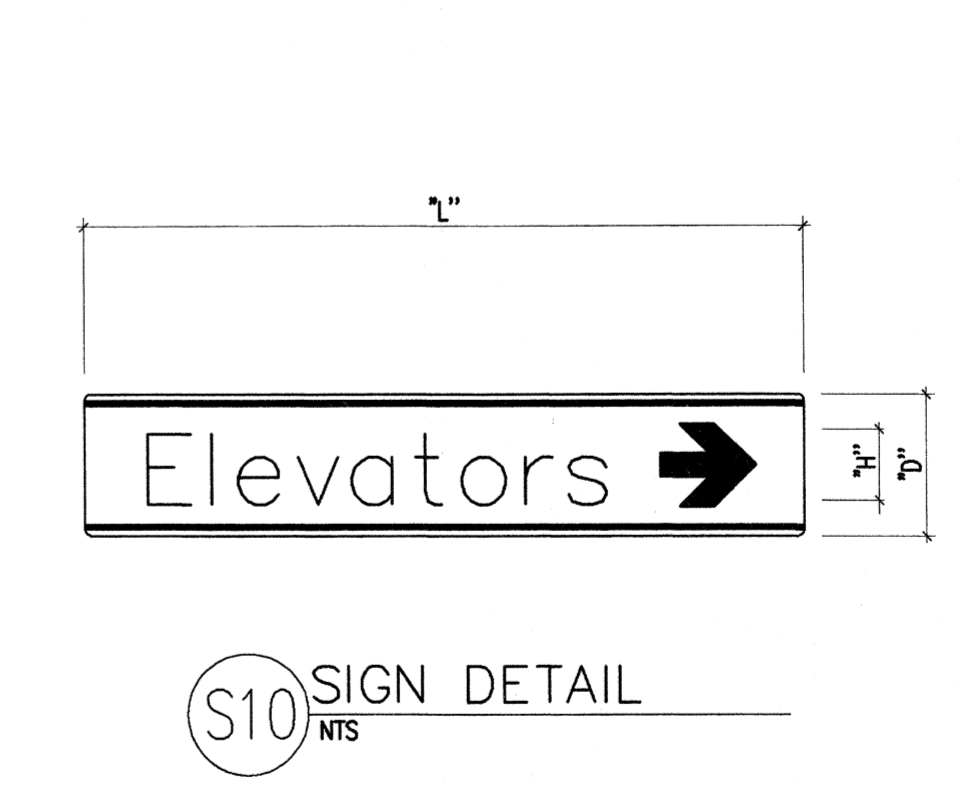
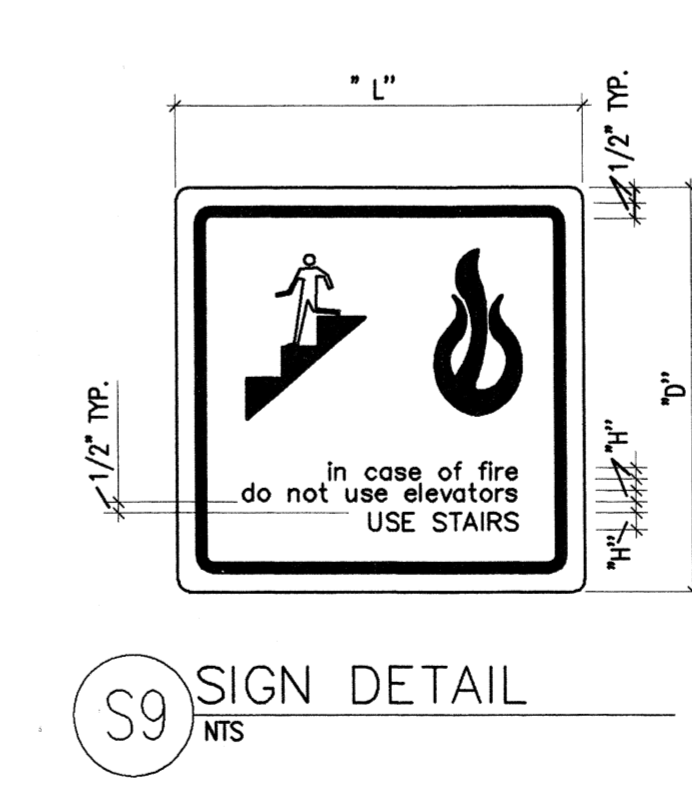
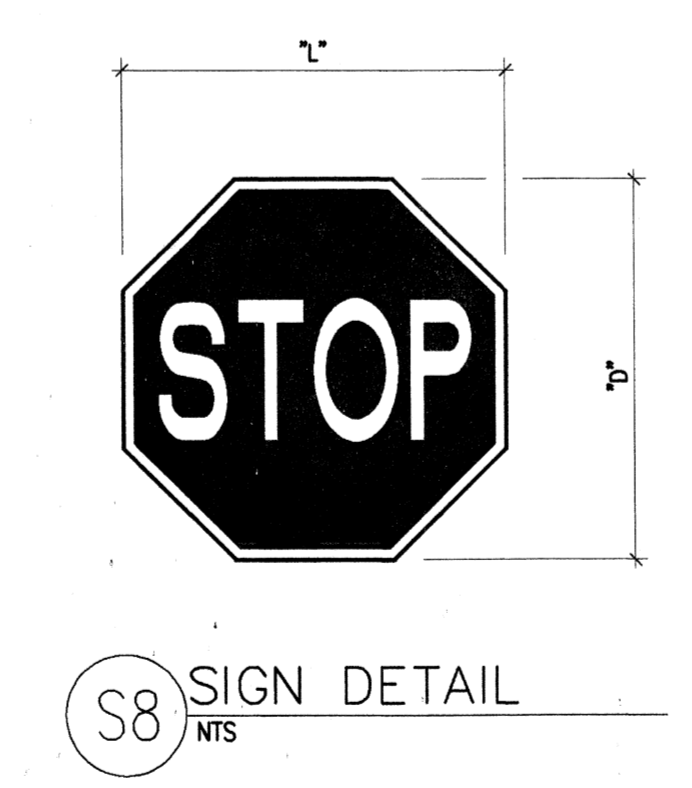
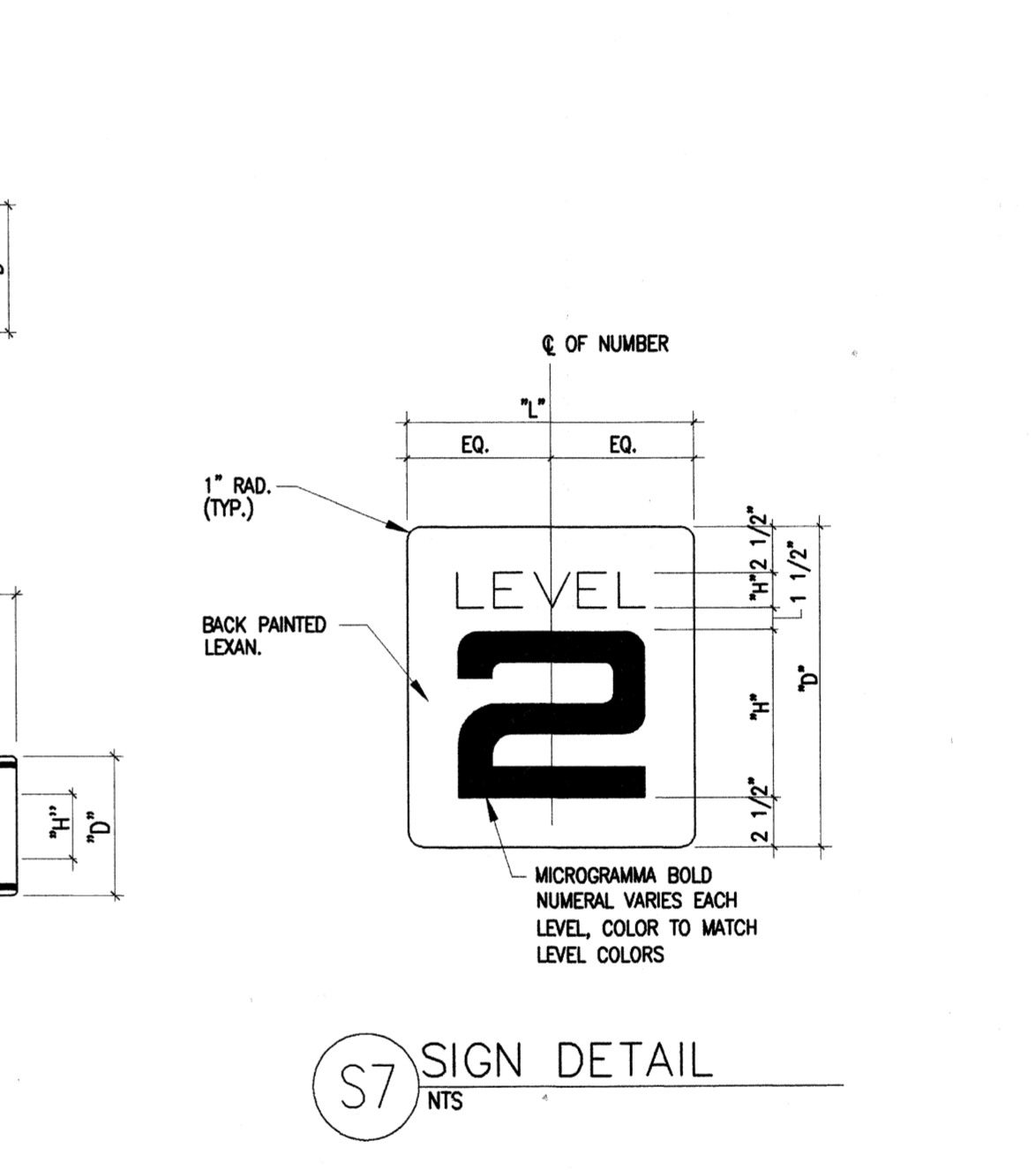
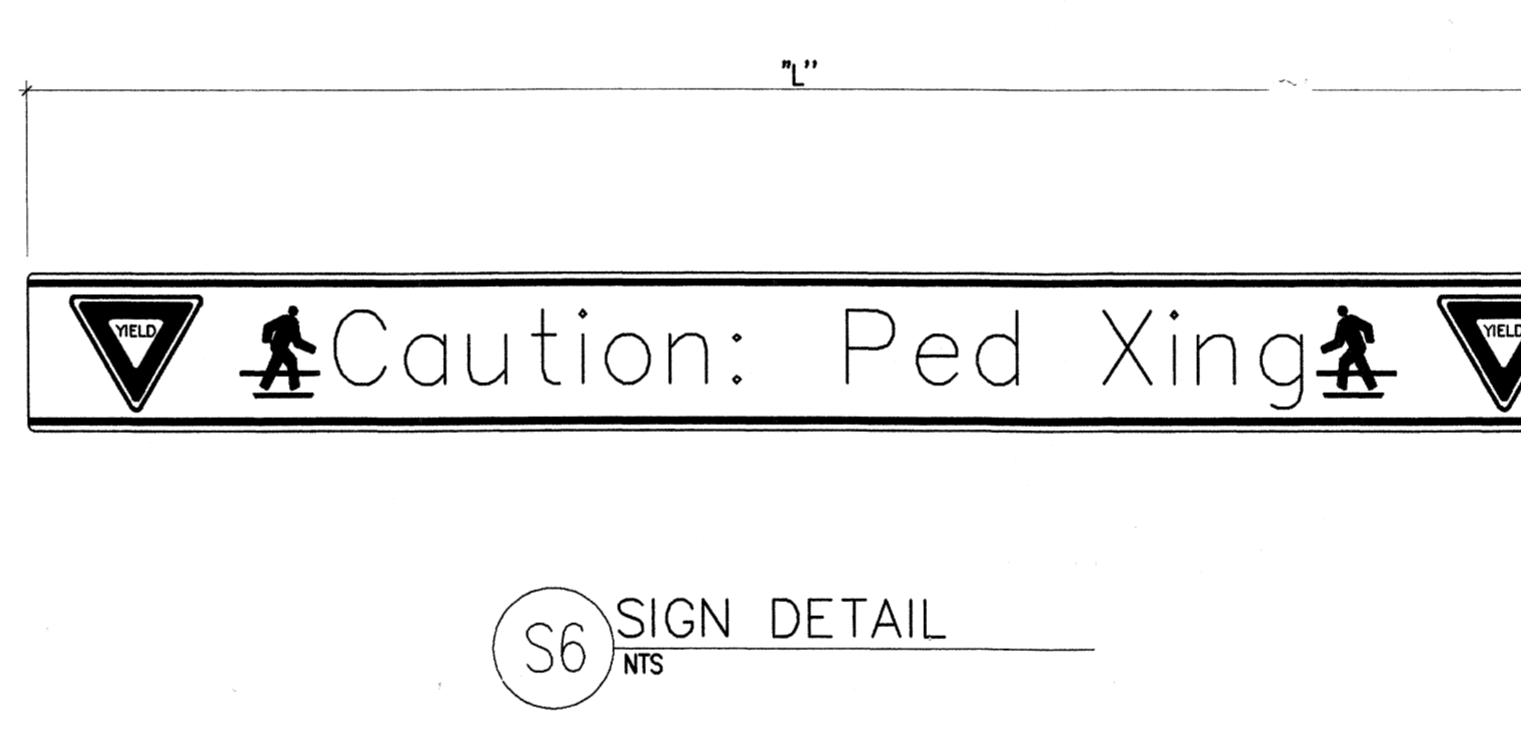
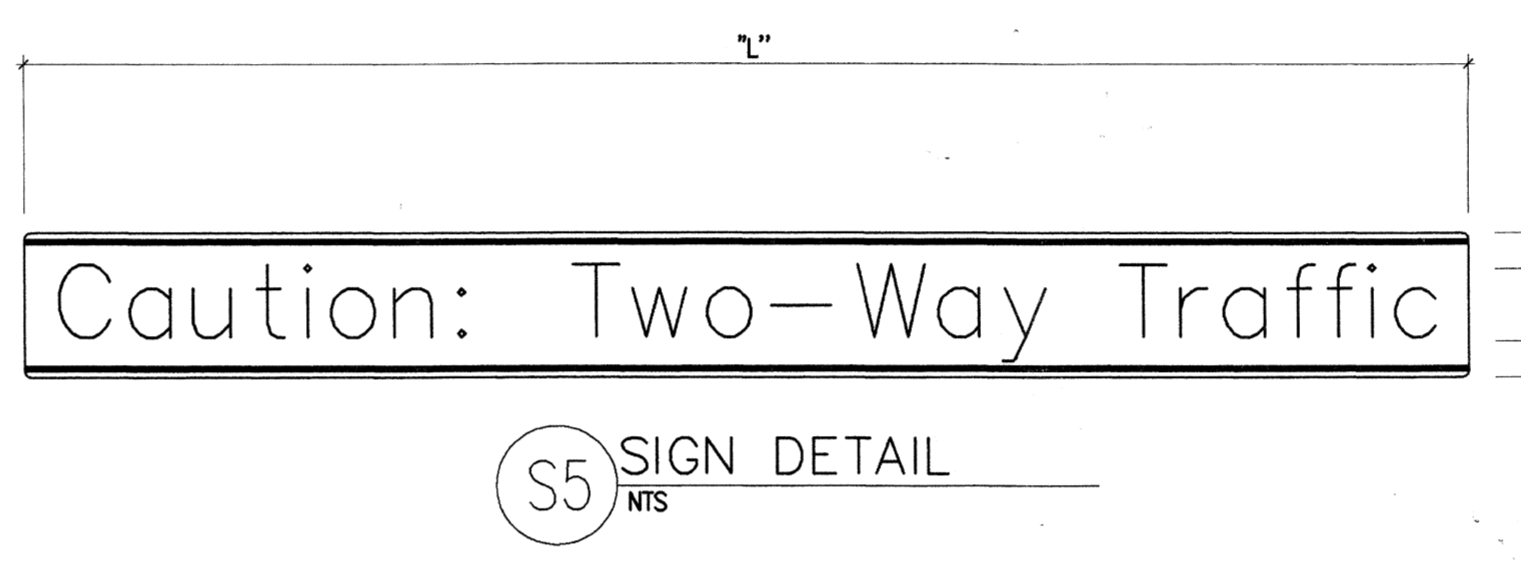
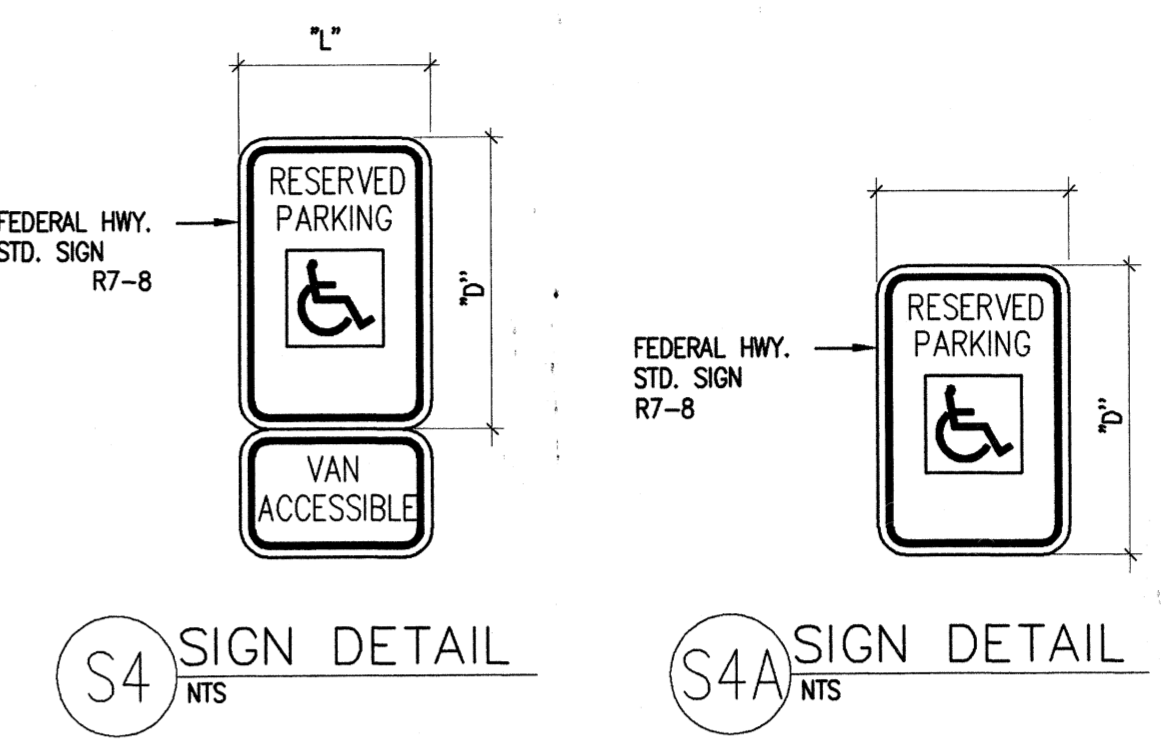
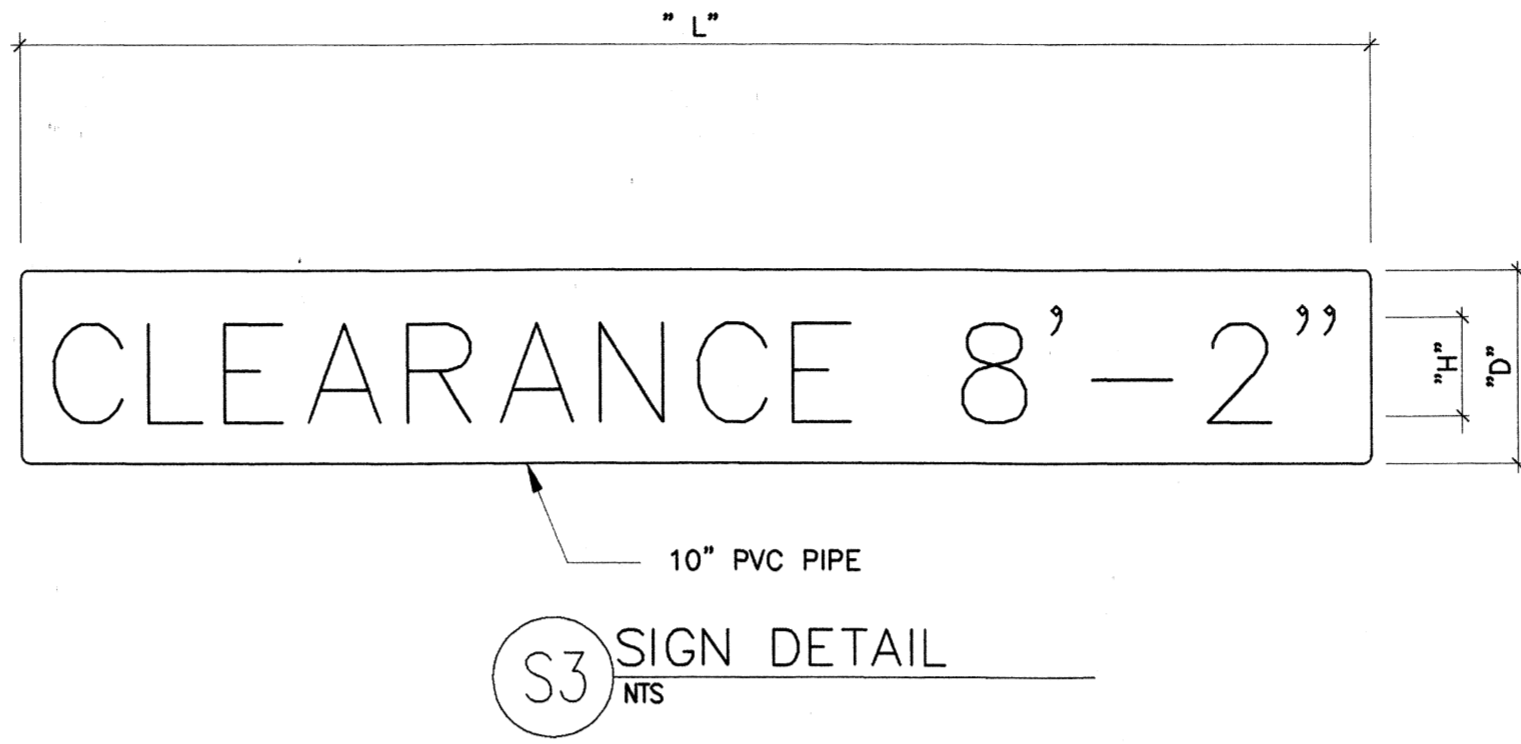
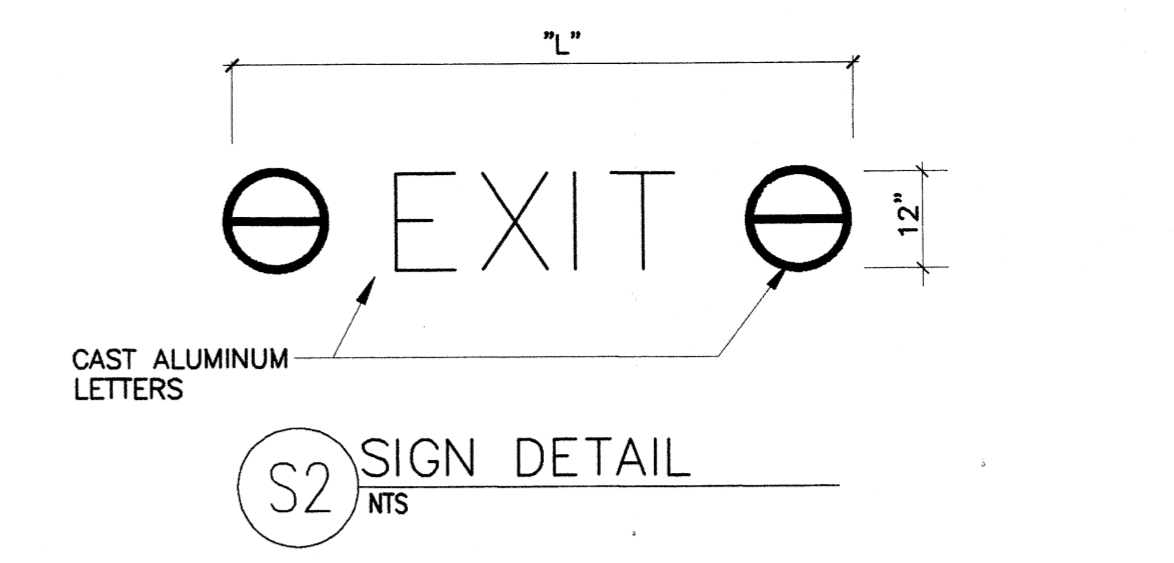
EXAMPLE SIGN SCHEDULE									
EXAMPLE	12"	4'-0"	← Park Exit ↑	WB	GREEN	6"	WHITE	EXAMPLE SIGN ONLY	



* REFER TO SPECIFICATION SECTION 10440 FOR MATERIAL INFORMATION.

SIGNAGE GENERAL NOTES

- LETTERING ON TRAFFIC AND PEDESTRIAN SIGNS SHALL BE HELVETICA MEDIUM UPPER AND LOWER CASE, OF SIZE AS SHOWN ON SCHEDULE (SHEET F3.1) UNLESS NOTED OTHERWISE.
- ALL SIGNS SHALL BE FABRICATED WITH MATERIALS AND METHODS NECESSARY TO PROVIDE A COMPLETE TOP QUALITY INSTALLATION. THE SIGN CONTRACTOR SHALL PROVIDE SHOP DRAWINGS, PER SPECIFICATION SECTION 10440- SIGNAGE, TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.
- SIGNS SHALL BE MOUNTED LEVEL AND PLUMB UNLESS NOTED OTHERWISE.
- WHERE TWO SIGNS ARE MOUNTED BACK TO BACK, THE SMALLEST "L" DIMENSION SHALL INCREASE TO MATCH THE LARGEST "L" DIMENSION.
- MAXIMUM EMBEDMENT LENGTH OF EXPANSION ANCHORS SHALL NOT EXCEED 1".
- ALL NON-REFLECTIVE COLORS ARE TO BE FLAT UNLESS NOTED OTHERWISE.
- "L" DIMENSION GIVEN IN THE SIGN SCHEDULE IS TOTAL LENGTH OF SIGN.
- ADDITIONAL SIGNAGE IS REQUIRED FOR INDIVIDUAL PARKING SPACE IDENTIFICATION. SEE SIGN DETAIL S16. COORDINATE WITH OWNER AND ARCHITECT.



General Notes

Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY

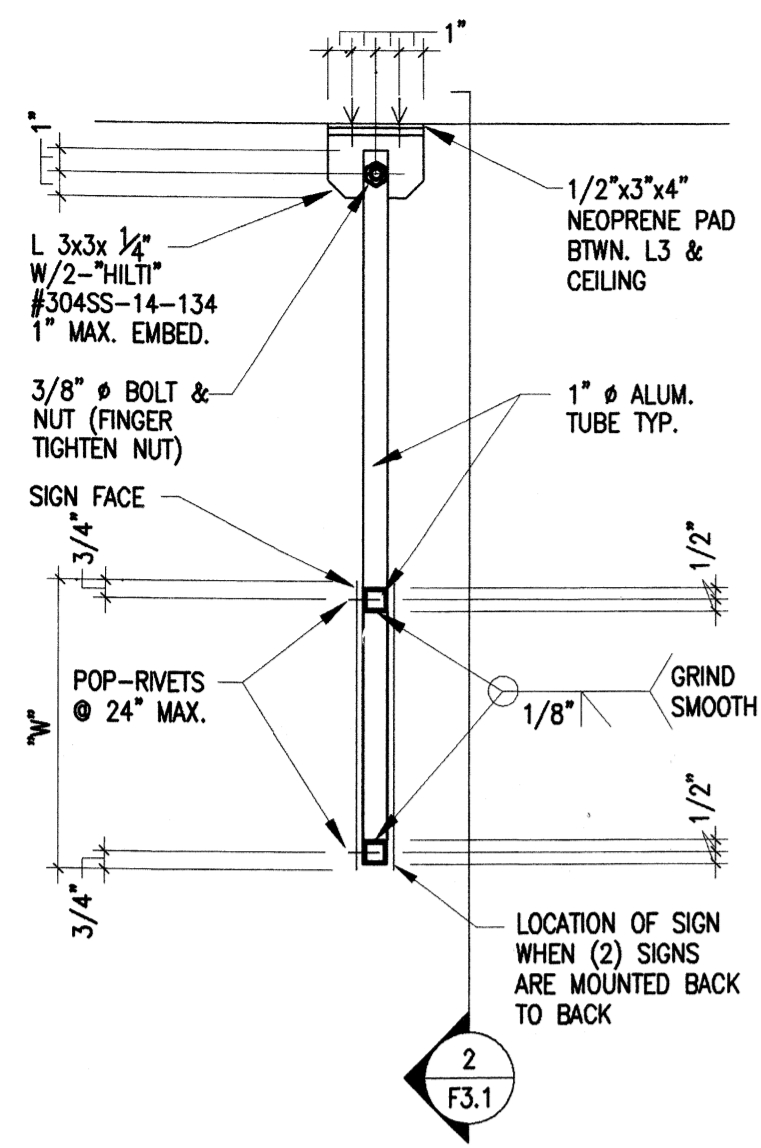
BJA JOB NUMBER 9914
ASBS JOB NUMBER 0003.01

BROOKS JACKSON ARCHITECTS
2228 Cottondale Lane - Little Rock, AR 72202 - (501) 684-8700
Carl Walker
Parking Engineering Restoration
16200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 458-9855

Date 22 SEPT 00
Revisions
1 CHANGE ORDER #1, 02/12/01

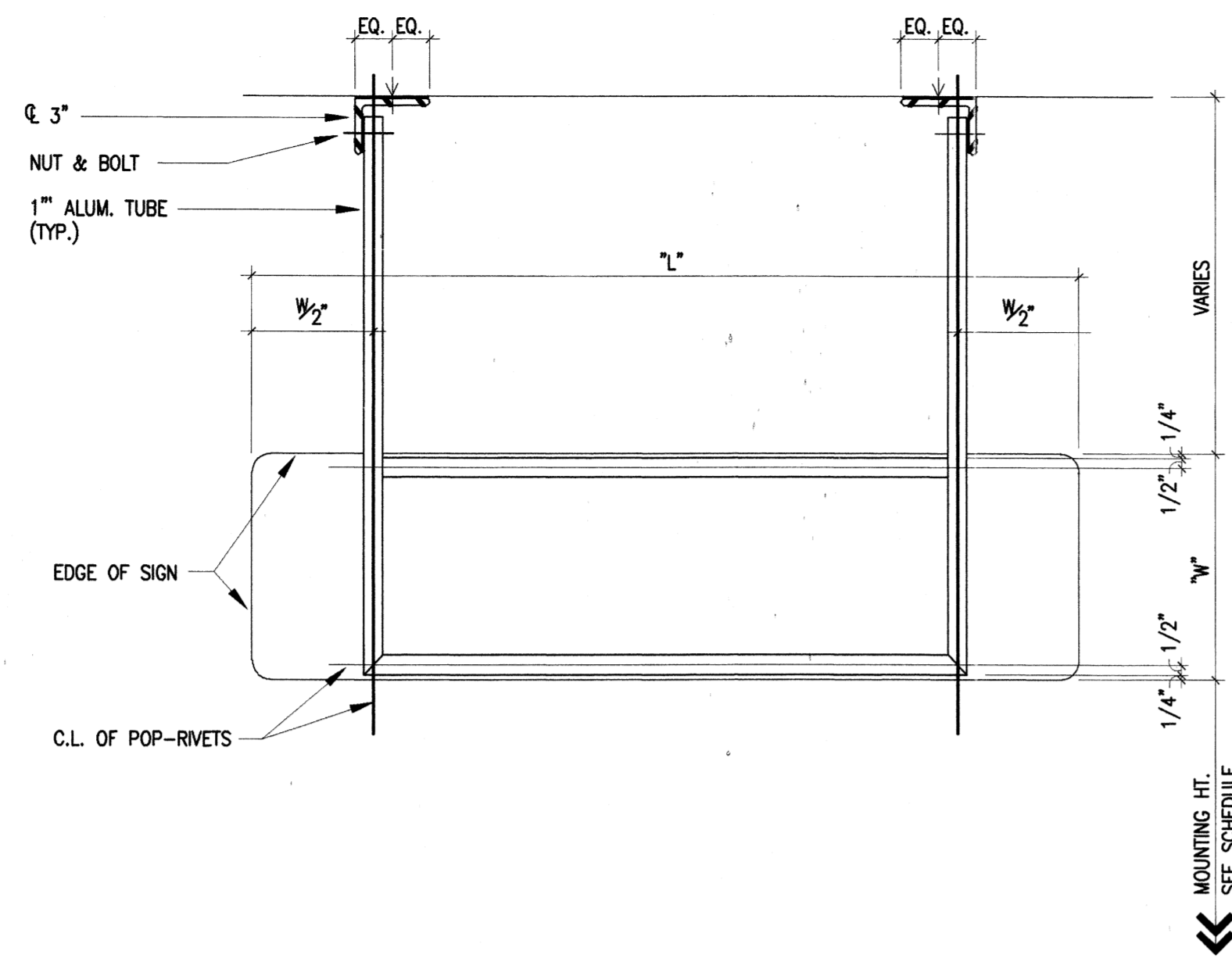
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SIGN SCHEDULE DETAILS

Sheet Number
F3.0

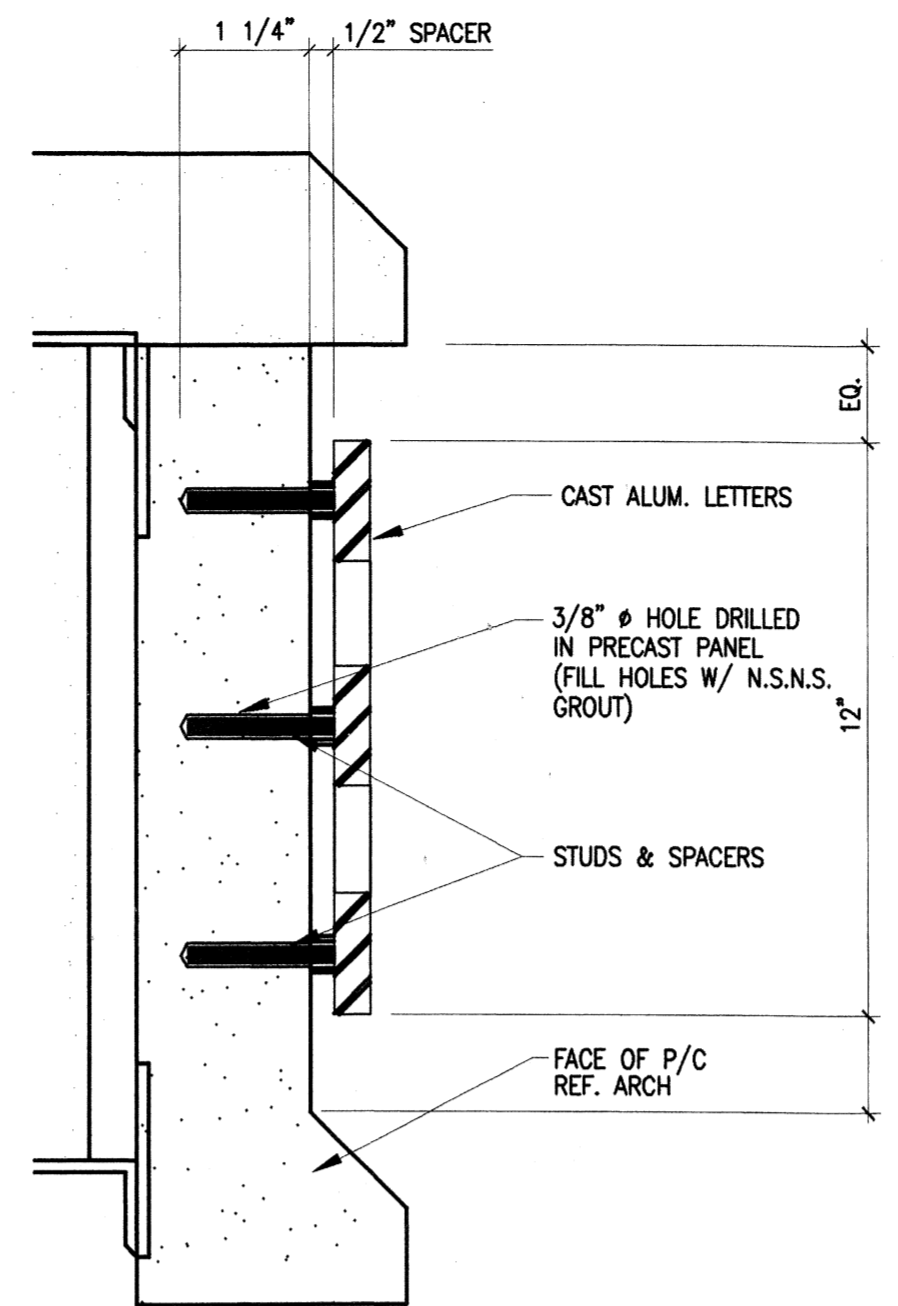


NOTE: PAINT SIGN MOUNTING HARDWARE FLAT GRAY

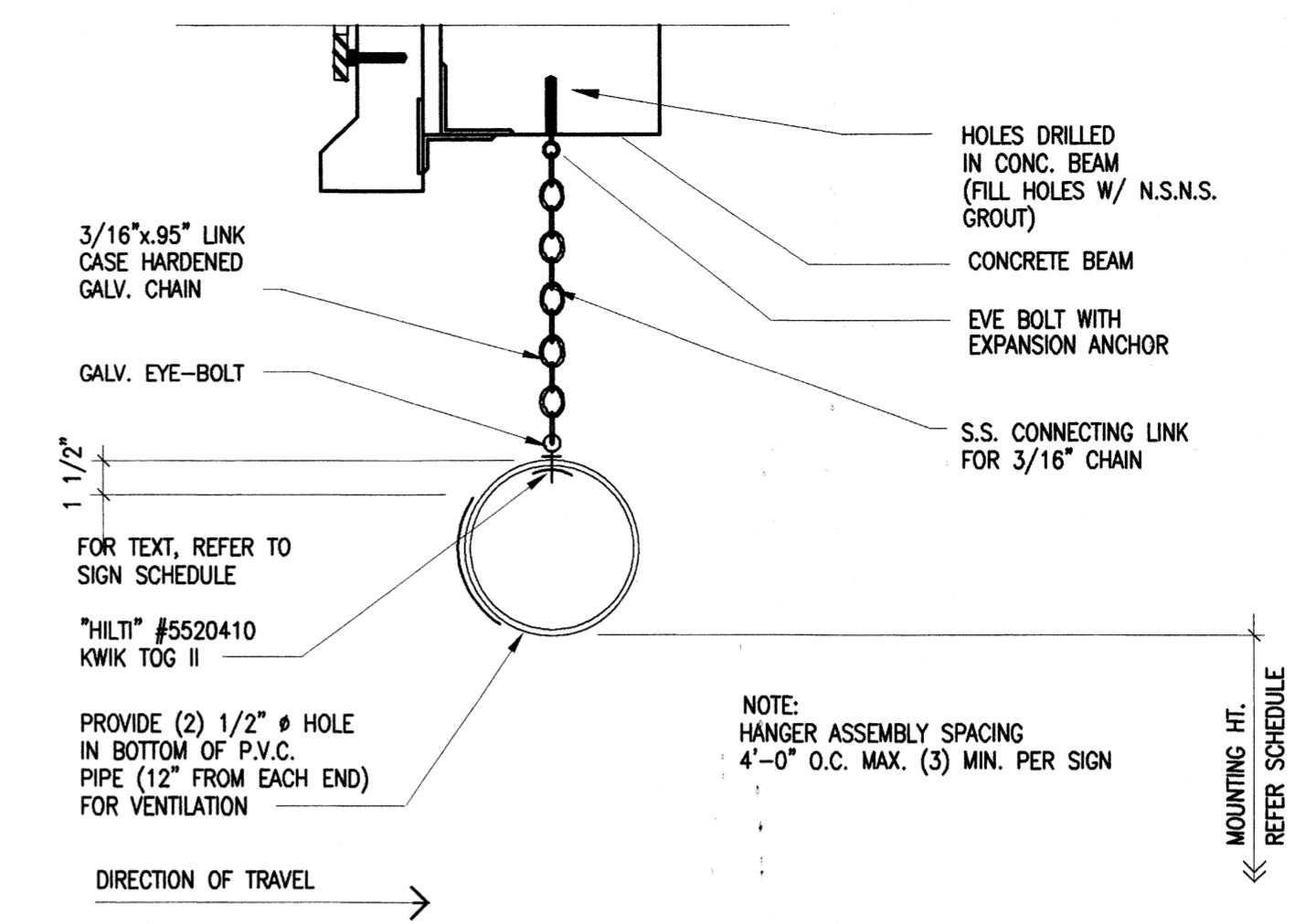
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NTS



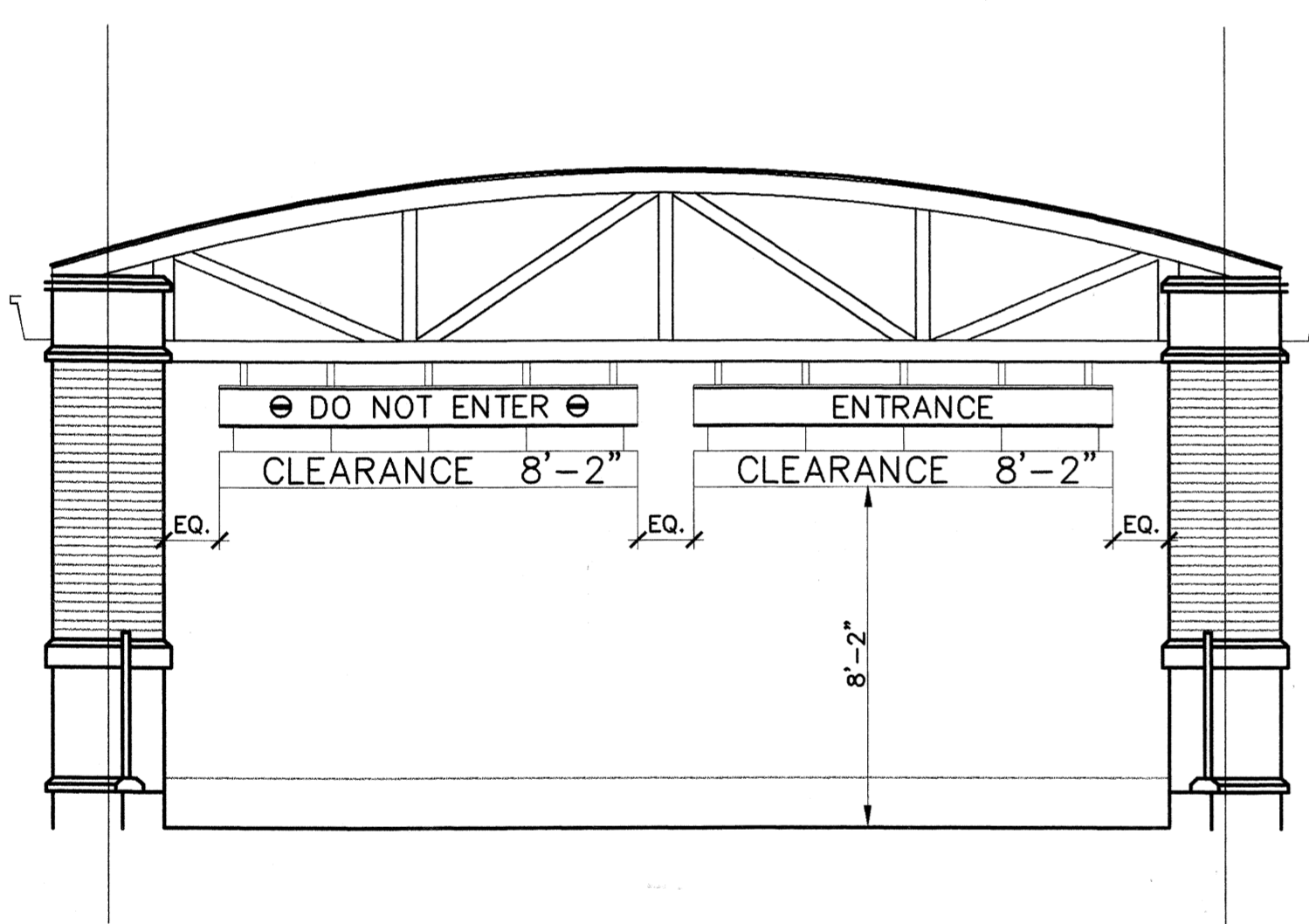
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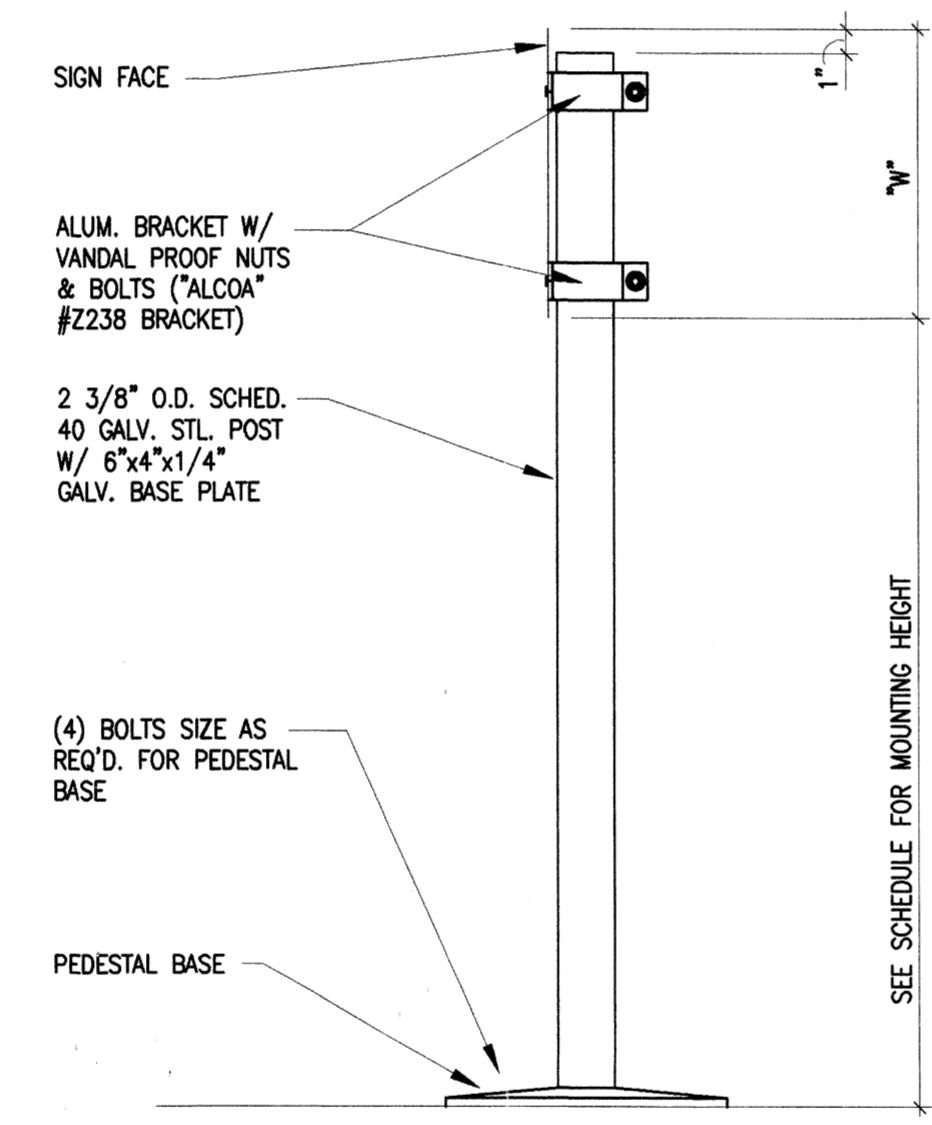
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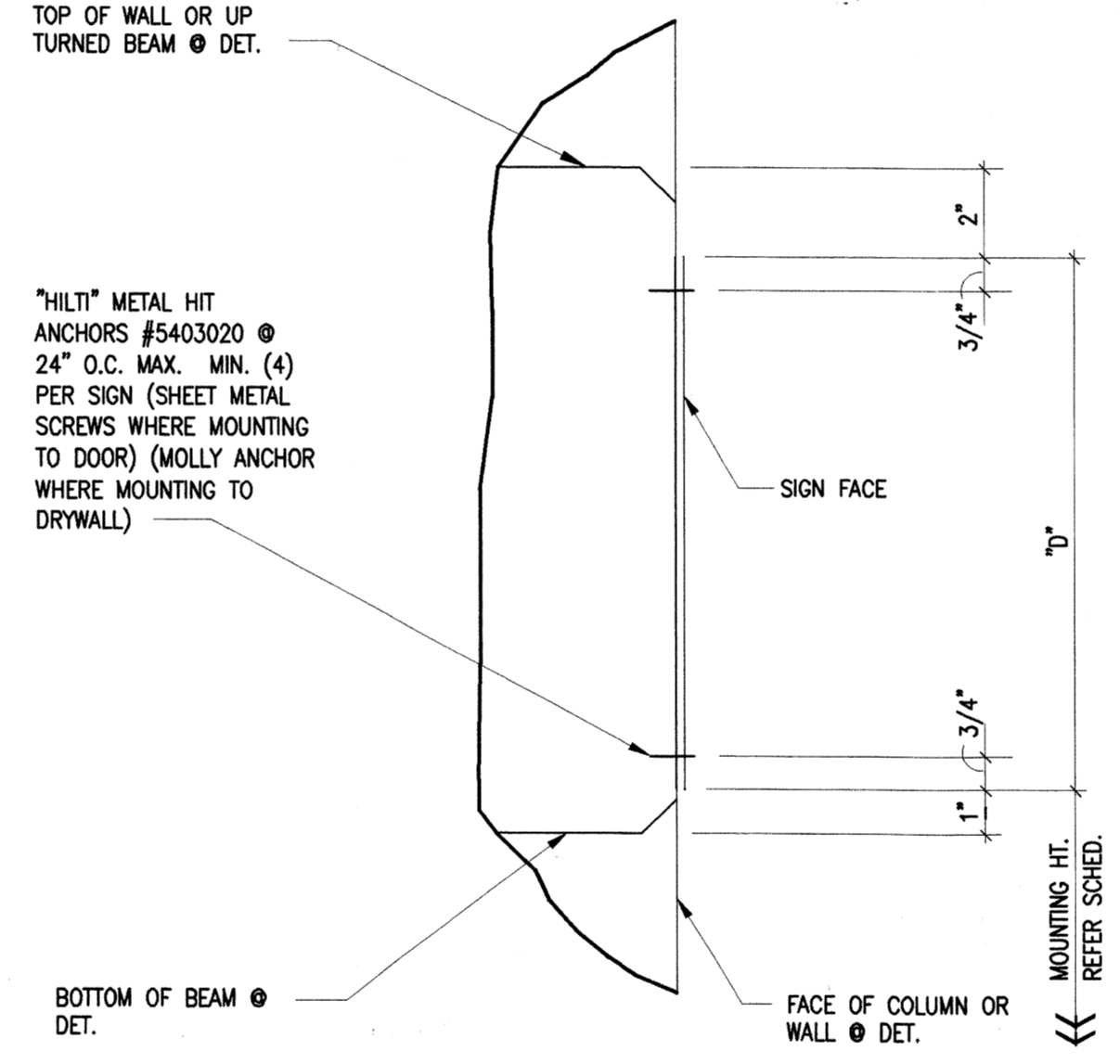
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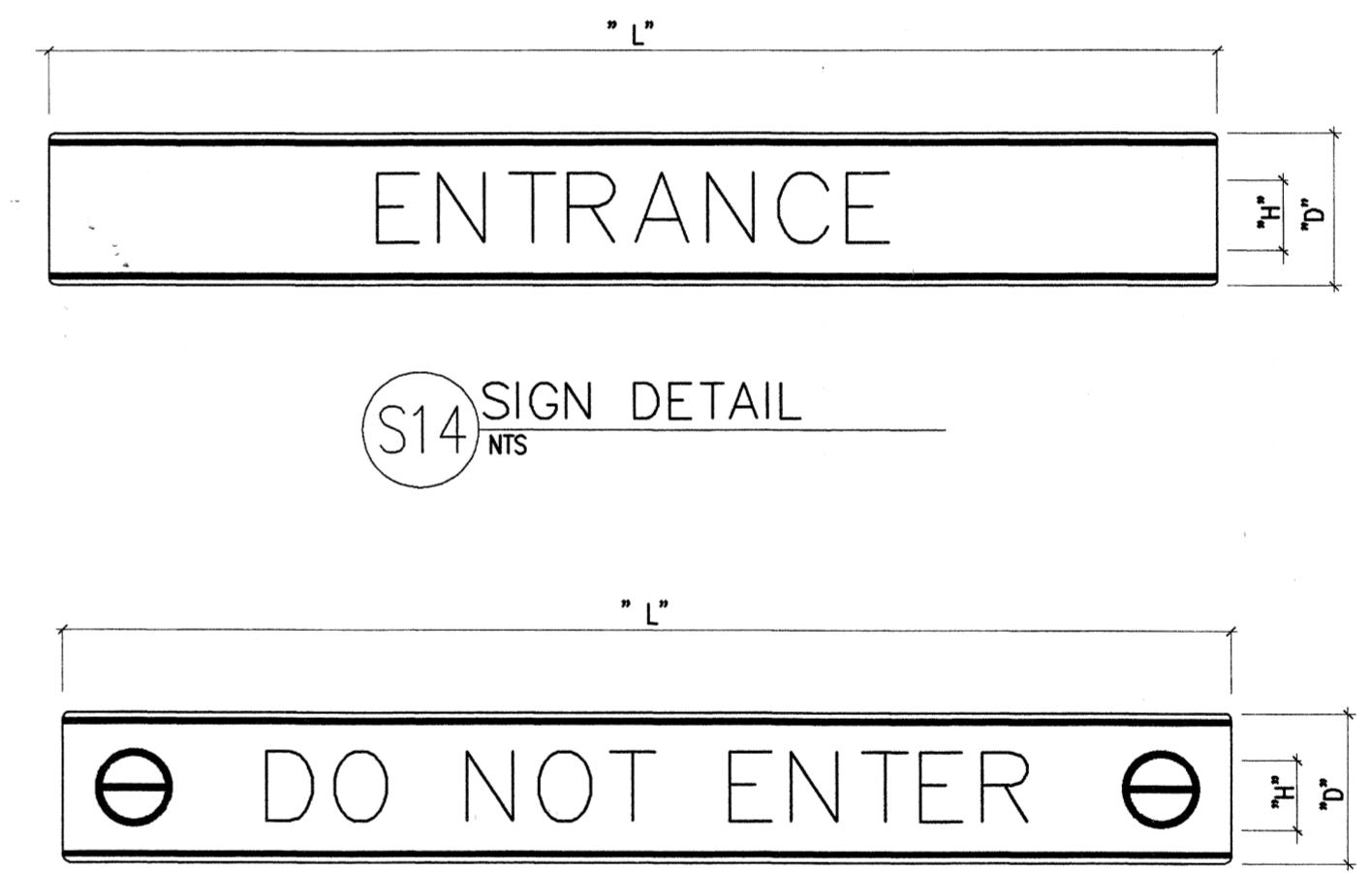
5 SIGN DETAIL
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6 SIGN DETAIL
NTS

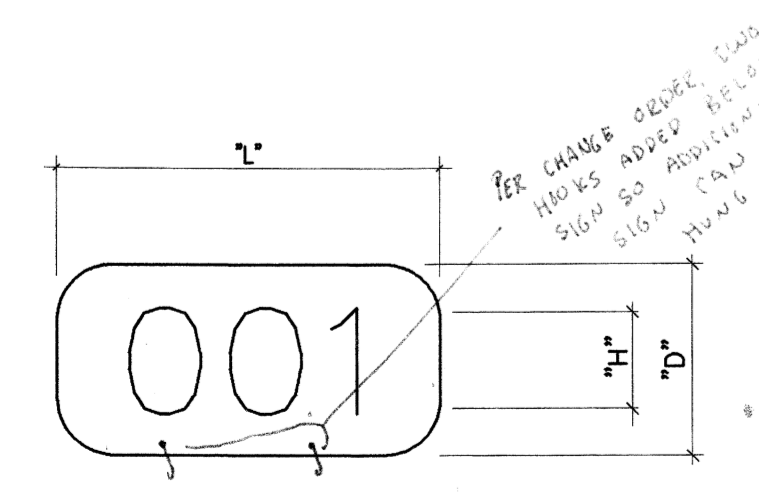


7 SIGN DETAIL
NTS

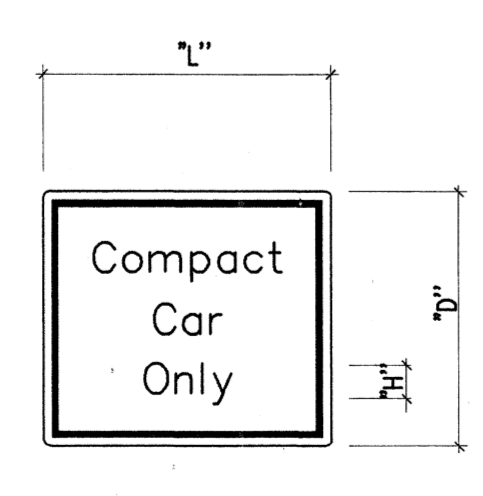


S14 SIGN DETAIL
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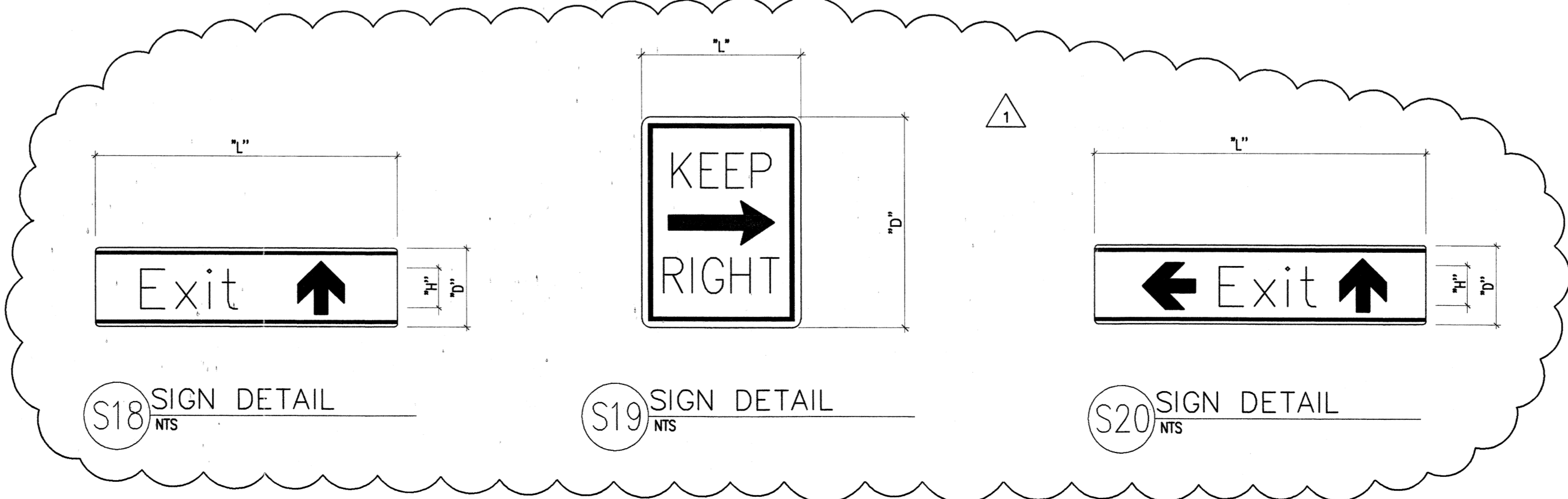
S15 SIGN DETAIL
NTS



S16 SIGN DETAIL
NTS



S17 SIGN DETAIL
NTS



S18 SIGN DETAIL
NTS

S19 SIGN DETAIL
NTS

S20 SIGN DETAIL
NTS

General Notes

Materials Keying

A NEW
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FOR
ARKANSAS STATE UNIVERSITY

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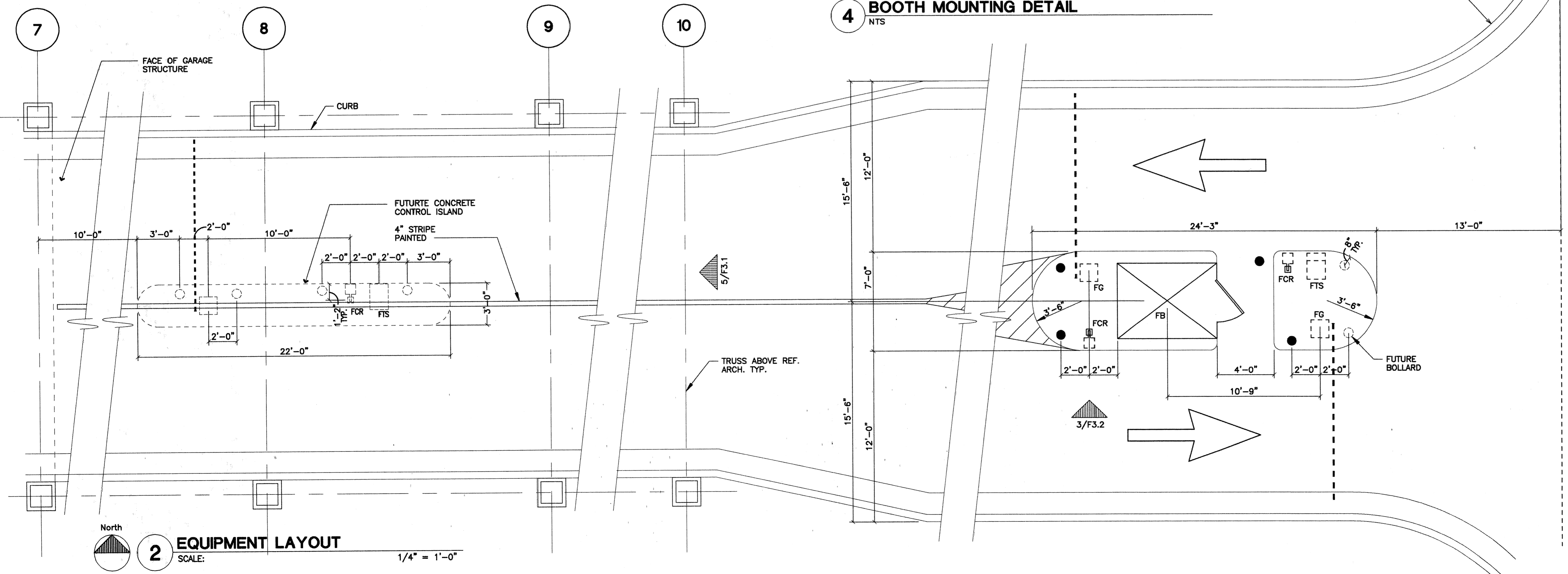
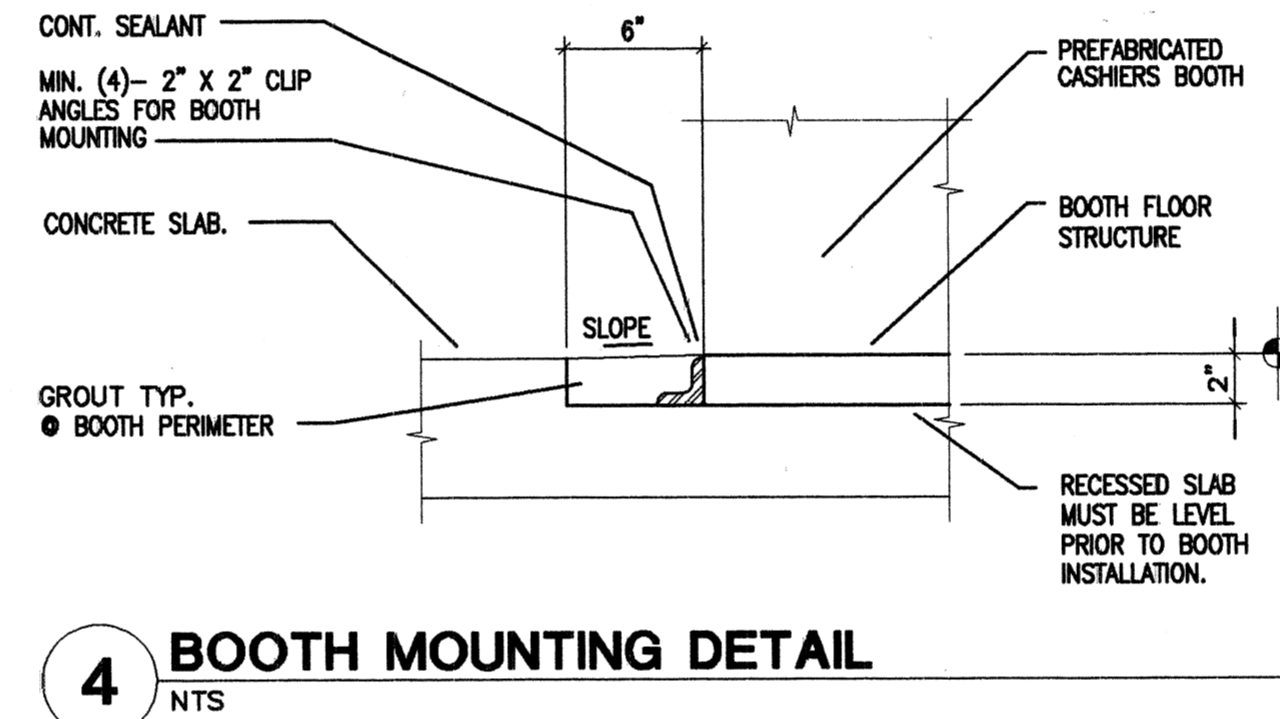
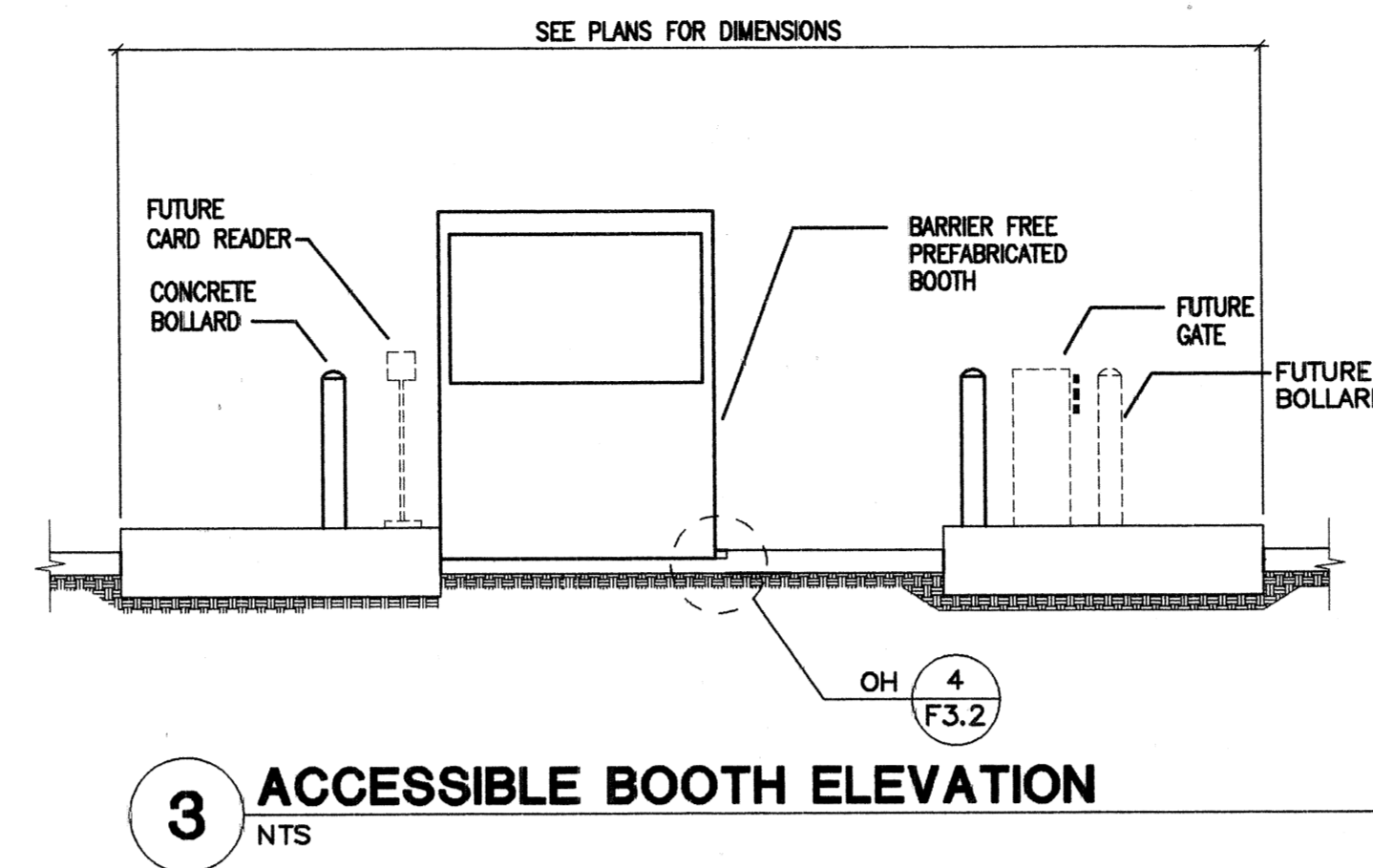
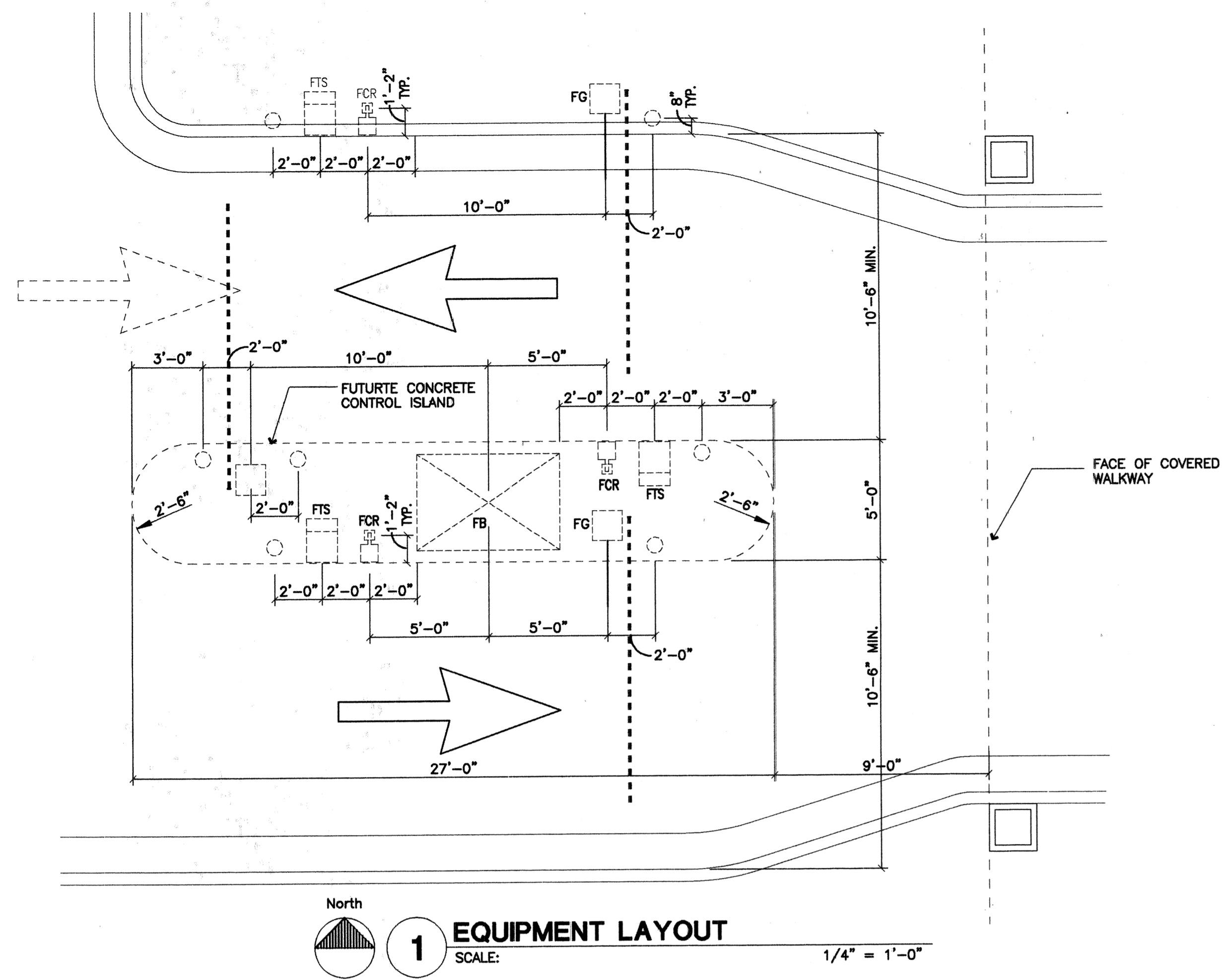
Date
22 SEPT 00
Revisions
CHANGE ORDER #1,
02/12/01

Sheet Title
HARDWARE
AND
INSTALLATION
DETAILS
Sheet Number
F3.1
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PARKING EQUIPMENT LEGEND

- B - 4' X 6' CASHIERS BOOTH
- BFB - 5'-4" X 7'-0" BARRIER FREE BOOTH WITH MASTER INTERCOM
- CR - CARD READER WITH INTERCOM POST MOUNT
- G - AUTOMATIC GATE WITH 10' ARM
- TS - TICKET DISPENSER (PUSH-BUTTON) WITH INTERCOM
- - CONCRETE FILLED STEEL POST, SEE DETAIL G/F1.1
- L1 - 2'-6" X 6'-0" LOOP
- L2 - 3'-6" X 6'-0" LOOP
- F - 'F' PREFIX INDICATES FUTURE EQUIPMENT

NOTE: PROVIDE ALL UNDERGROUND CONDUIT FOR FUTURE PARKING CONTROL EQUIPMENT SHOWN. TERMINATE FUTURE CONDUIT IN JUNCTION BOX WITH WEATHERPROOF REMOVABLE CAP. FLUSH MOUNT CAP WITH TOP OF CONCRETE SURFACE. COORDINATE WITH ELECTRICAL DOCUMENTS.



Materials Keying

A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY

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2228 Cottondale Lane • Little Rock, AR 72202 • (501) 664-6700

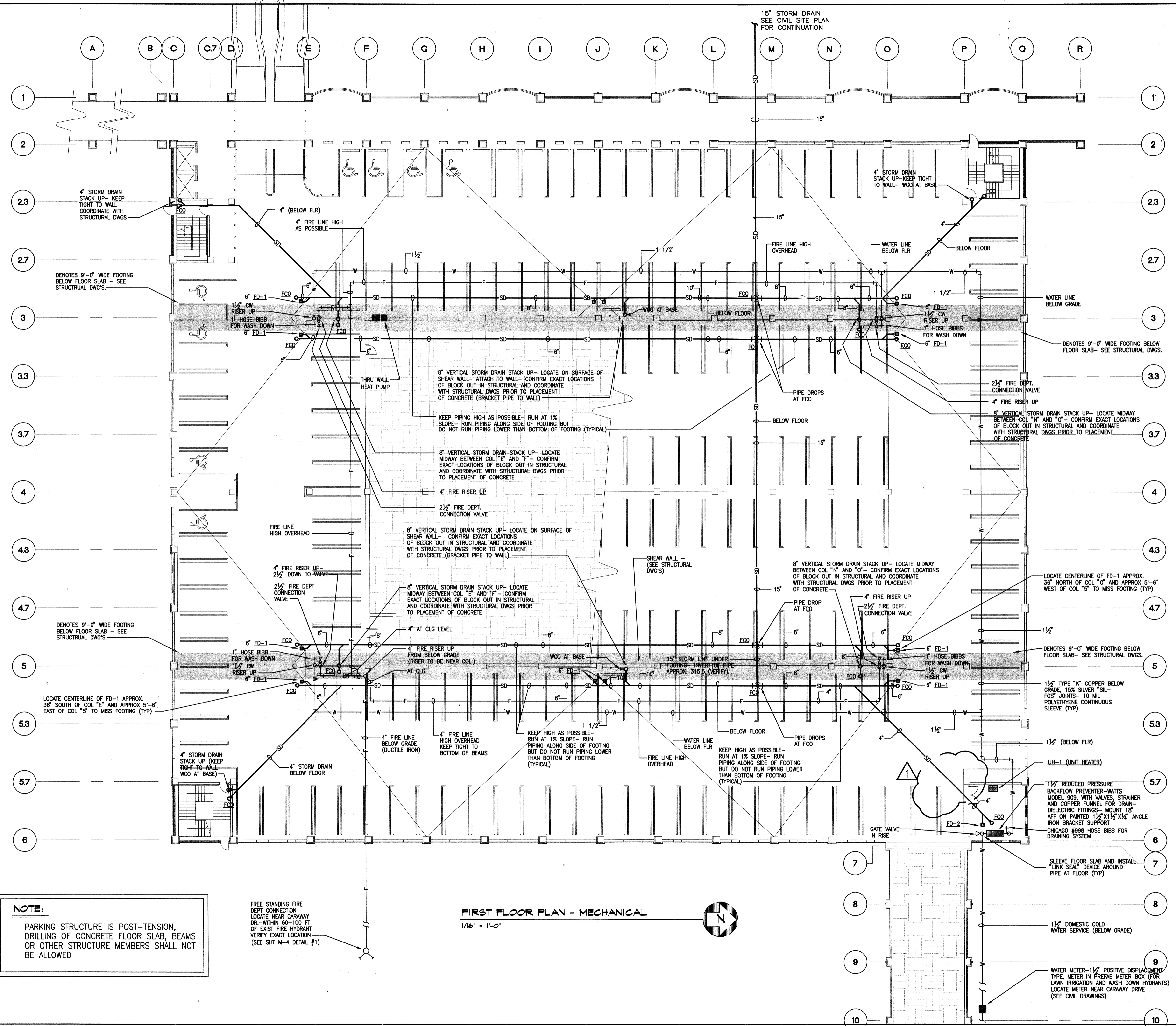
Car Walker
Parking Planning Engineering Restoration
18200 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 458-8855

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
JOSEY D. ROWLAND
No. 10024

Date 22 SEPT 00
Revisions

Sheet Title
PARKING EQUIPMENT LAYOUT

Sheet Number
F3.2

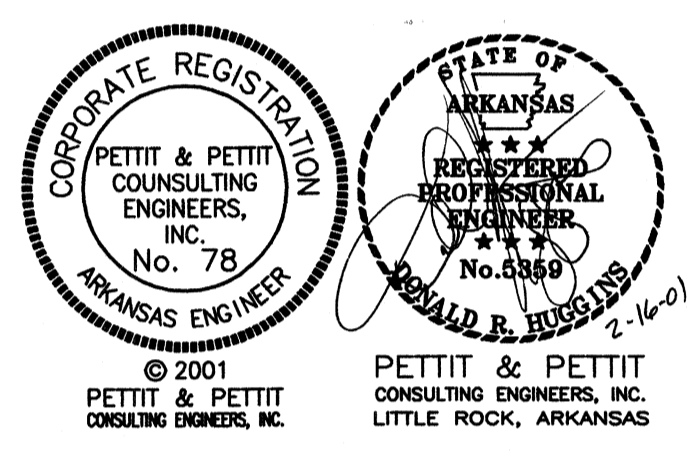


NOTE:
 PARKING STRUCTURE IS POST-TENSION, DRILLING OF CONCRETE FLOOR SLAB, BEAMS OR OTHER STRUCTURE MEMBERS SHALL NOT BE ALLOWED

FREE STANDING FIRE DEPT CONNECTION LOCATE NEAR CARAWAY DR - WITHIN 60-100 FT OF EXIST FIRE HYDRANT VERIFY EXACT LOCATION (SEE SHT M-4 DETAIL #1)

FIRST FLOOR PLAN - MECHANICAL
 1/16" = 1'-0"

NOTE: PER FINAL CONTRACT REVISIONS, THE ROOF DRAIN AND FLOOR DRAIN PIPING (UNDERSCORED) WAS CHANGED TO PVC DWV SC 40.



A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY
 JONESBORO, ARKANSAS

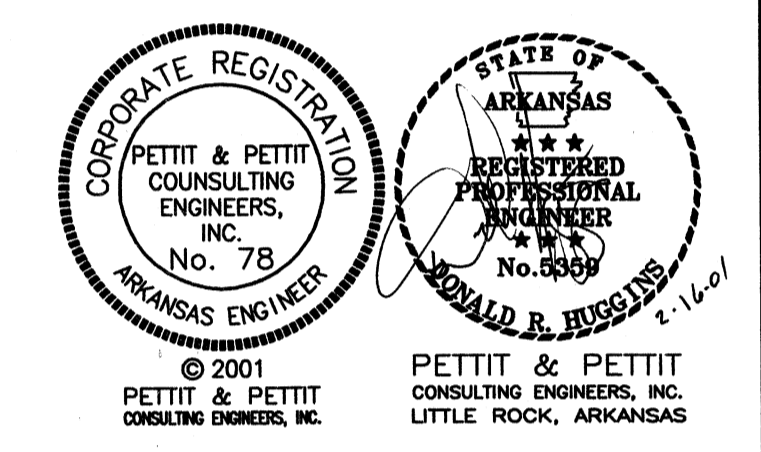
JOB NUMBER
BROOKS JACKSON ARCHITECTS
 2228 Cottondale Lane - Little Rock, AR 72202 - (501) 664-8700
Carl Walker
 Parking Engineering Restoration
 1820 DALLAS PARKWAY SUITE 270, DALLAS, TX 75248, (972) 468-8855

Date
22 SEPTEMBER 00
 Revisions
 Δ 16 FEB 01

Sheet Title
1ST-LEVEL MECHANICAL PLAN

Sheet Number
M-1

NOTE: PER FINAL CONTRACT REVISIONS THE ROOF DRAIN AND FLOOR DRAIN PIPING (UNDERSTAIRS) WAS CHANGED TO PVC DWV SC 40.



A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY

JONESBORO, ARKANSAS

JOB NUMBER

BROOKS JACKSON ARCHITECTS

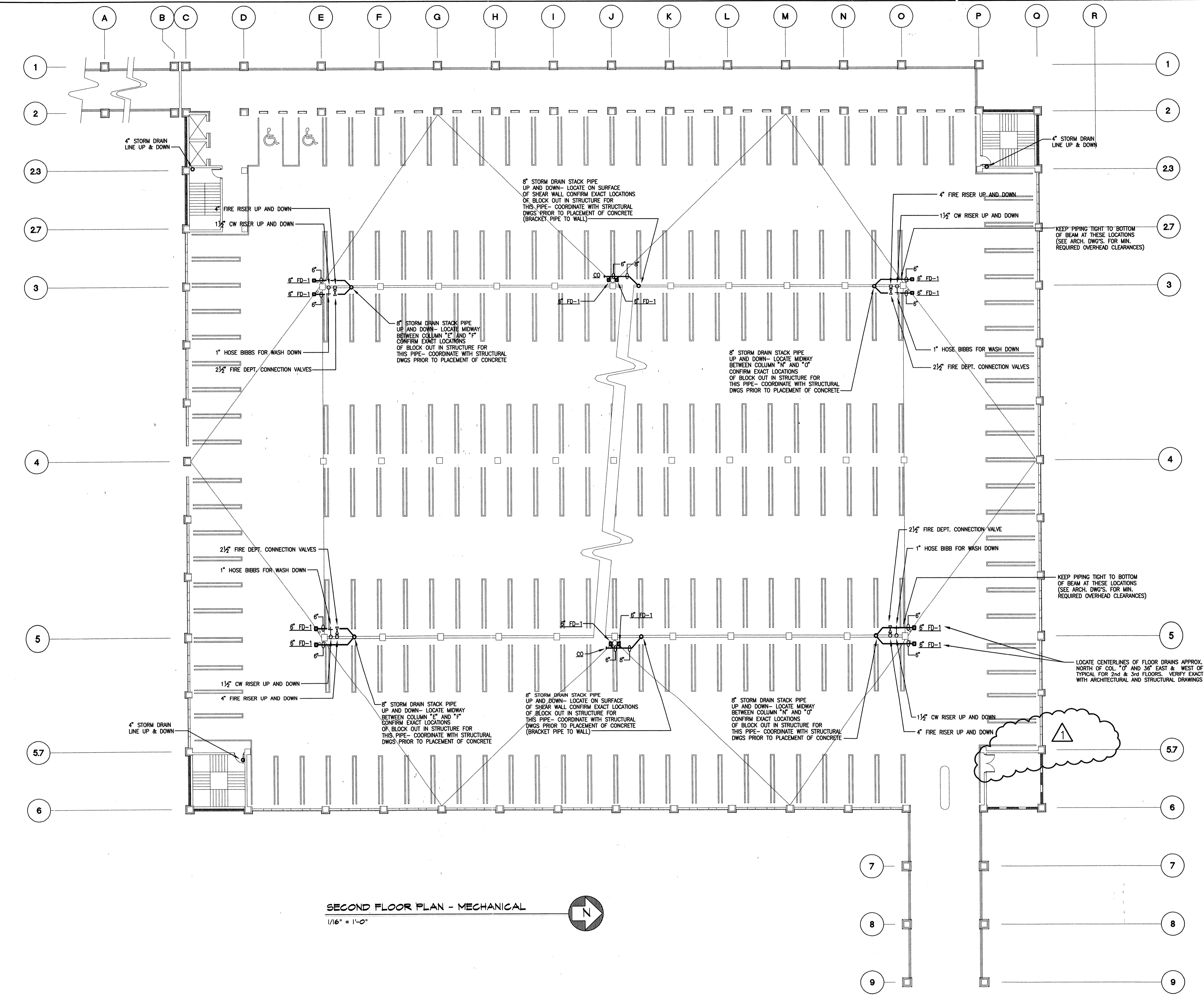
2228 Cottondale Lane - Little Rock, AR 72202 - (501) 664-8700



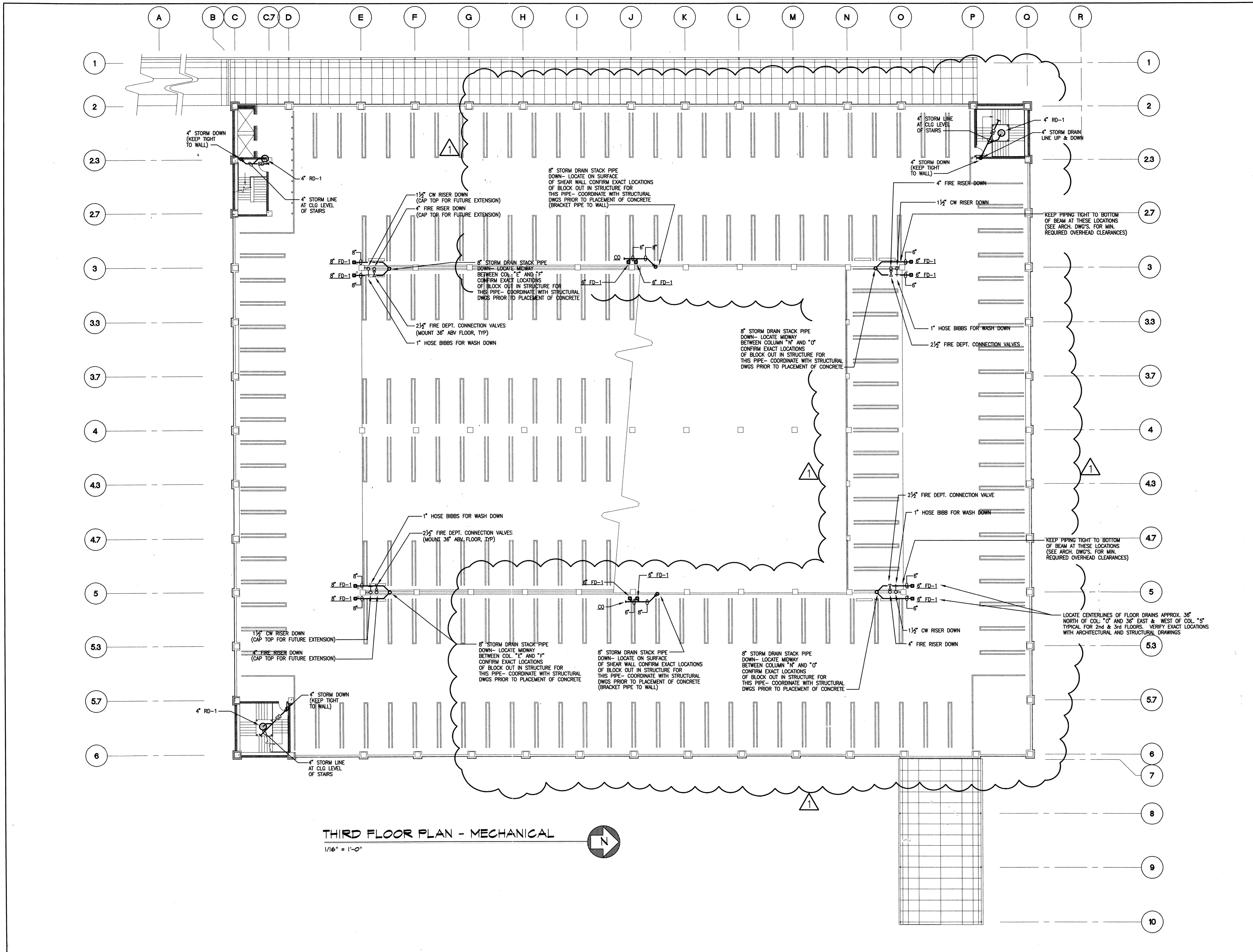
Date
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Revisions
16 FEB 01

Sheet Title
2ND-LEVEL MECHANICAL PLAN

Sheet Number
M-2

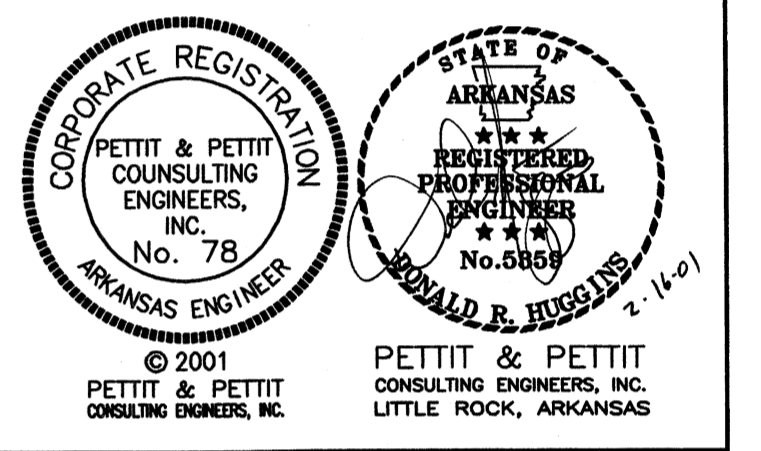


SECOND FLOOR PLAN - MECHANICAL
1/16" = 1'-0"



THIRD FLOOR PLAN - MECHANICAL
 1/16" = 1'-0"

NOTE: PER FRIG CONTRACT REVISIONS, THE ROOF DRAIN AND FLASH DRAIN PIPING (UNDER SCOE) WAS CHANGED TO PVC DWV SC 40.



A NEW
 PARKING STRUCTURE
 FOR
 ARKANSAS STATE UNIVERSITY
 JONESBORO, ARKANSAS

JOB NUMBER
 BROOKS JACKSON
 ARCHITECTS
 2228 Cottondale Lane - Little Rock, AR 72202 - (501) 664-8700
 Carl Walker
 Planning Engineering Restoration
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Date
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 Revisions
 Δ 16 FEB 01

Sheet Title
 3RD-LEVEL MECHANICAL PLAN
 Sheet Number
 M-3
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PLUMBING LEGEND

SYMBOL	DESCRIPTION		
—	SOIL, WASTE, OR SANITARY SEWER		BALL VALVE
SS	SANITARY SEWER (ON SITE)		PLUG COCK - GAS COCK
---	SANITARY VENT		PRESSURE REDUCING VALVE
GW	GREASE WASTE		STRAINER
GWV	COMBINATION WASTE AND VENT		UNION
AW	ACID WASTE	FD	FLOOR DRAIN
AV	ACID VENT	RD	ROOF DRAIN
W	WATER (ON SITE)	AD	ACCESS DOOR
---	COLD WATER	VTR	VENT THRU ROOF
---	HOT WATER	HB	HOSE BIBB
---	HOT WATER RETURN	FWH	FREEZELESS WALL HYDRANT
T	TEMPERED WATER (105F)	CO	CLEANOUT PLUG
SD	STORM DRAIN	FCD	FLOOR CLEANOUT
D	INDIRECT DRAIN	WCO	WALL CLEANOUT
OSD	OVERFLOW STORM DRAIN	EOD	EXTERIOR CLEANOUT
SPD	SUMP PUMP DISCHARGE		DENOTES - SANITARY VENT STACK THRU ROOF
G	NATURAL GAS (LOW PRESSURE GAS)		RISER DESIGNATION
MPG	NATURAL GAS (MEDIUM PRESSURE GAS)		NEW CONNECTION TO EXISTING
→	FLOW DIRECTION		EXISTING PIPING TO BE REMOVED OR ABANDONED
	GATE VALVE		EXISTING PIPING TO REMAIN
	GLOBE VALVE		CAP AND SEAL AIR OR WATER TIGHT
	CHECK VALVE		TERMINATION POINT OF DEMOLITION

DRAIN SCHEDULE

SYMBOL	MANUFACTURER	REMARKS
FD-1	ZURN MODEL Z-505, HEAVY DUTY DURACOATED CAST IRON, BOTTOM OUTLET, SEEPAGE PAN, HEAVY DUTY DURESSIST TOP	VERIFY EXACT LOCATIONS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS
FD-2	ZURN MODEL ZN-415 WITH TYPE I RECESSED 7" NICKEL BRONZE TOP	VERIFY EXACT LOCATIONS WITH HVAC DWGS
RD-1	WADE 3000 SERIES ROOF DRAIN, CAST IRON BODY WITH COMBINED FLASHING COLLAR AND GRAVEL STOP, CAST IRON DOME WITH UNDER DECK CLAMP, BOTTOM OUTLET, BEARING PAN/SUMP RECEIVER	

NOTE: ALL FLOOR DRAINS SHALL BE ACCESSORIZED FOR VANDAL PROOF INSTALLATION

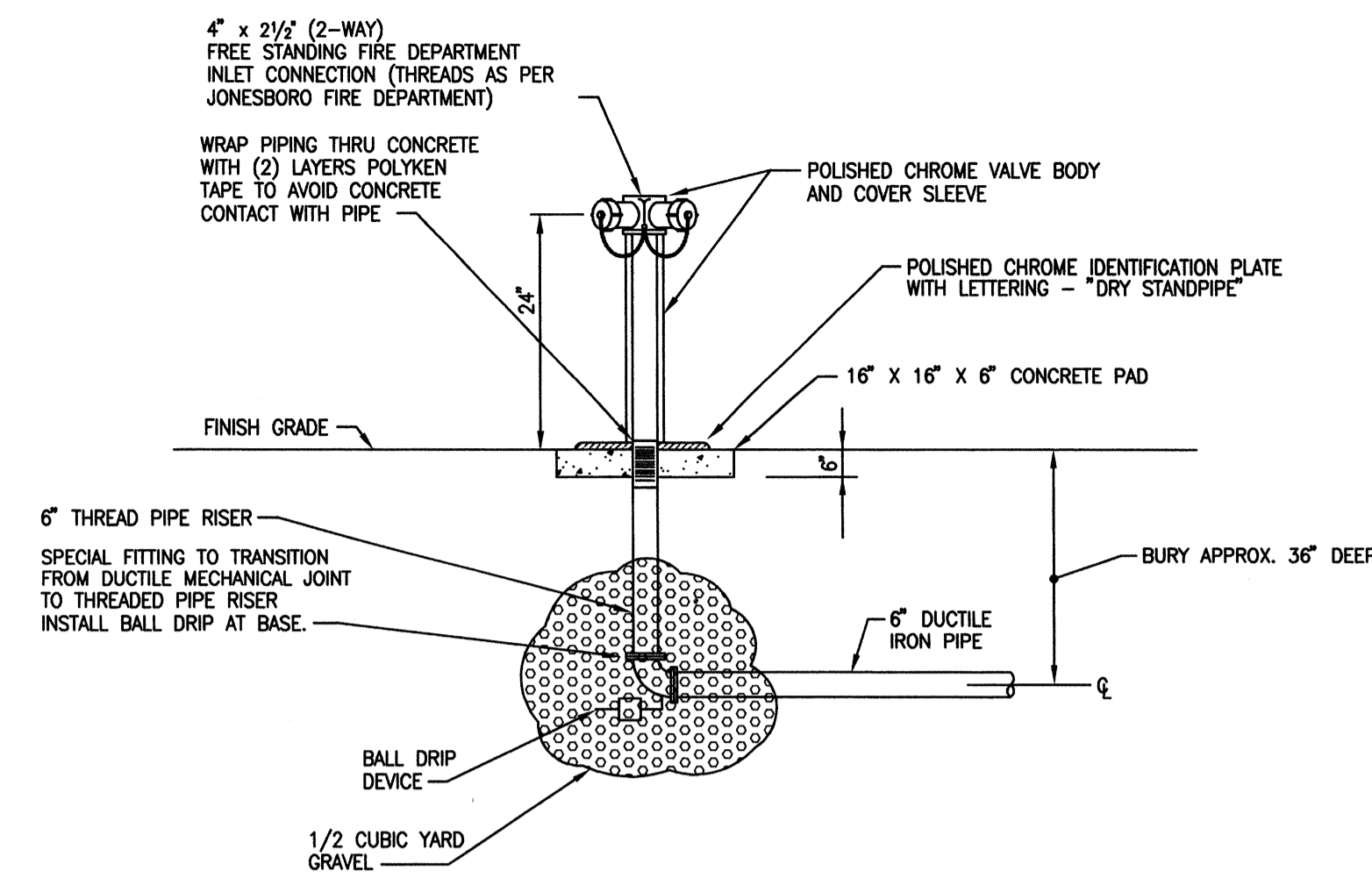
GENERAL NOTES

- LOCATE FLOOR DRAINS AS REQUIRED BY ARCHITECTURAL AND STRUCTURAL DRAWINGS
- ALL VERTICAL PLUMBING PIPE RISERS MUST RUN IN 8" SPACE ALONG COLUMN LINE #3 AND 5
- FOR THE VERTICAL 8" STORM DRAIN STACKS, THE STRUCTURAL SLABS WILL BE BLOCKED OUT FROM 8" TO 9 1/2" (APPROX). NOTE EXACT LOCATION OF PIPING MUST BE COORDINATED WITH STRUCTURAL TO ALIGN WITH THESE BLOCKED OUT AREAS
- ALL ABOVE GRADE COLD WATER PIPING SHALL BE INSULATED WITH 1" THICK FIBERGLASS AND BE HEAT TRACED. (SEE ELECTRICAL DRAWINGS) ALSO ALL INSULATED WATER PIPING MUST HAVE PVC JACKET OVER INSULATION.
- THIS STRUCTURE IS POST-TENSION - NO DRILLING OR CORE DRILLING SHALL BE ALLOWED. PIPING THRU STRUCTURE MUST BE SLEEVED AND LOCATIONS VERIFIED WITH STRUCTURAL ENGINEER. PIPE HANGERS MAY NOT BE ATTACHED TO STRUCTURE BY DRILLING, INSTALL INSERTS BEFORE SLABS ARE POURED, TO ATTACH PIPE HANGERS.

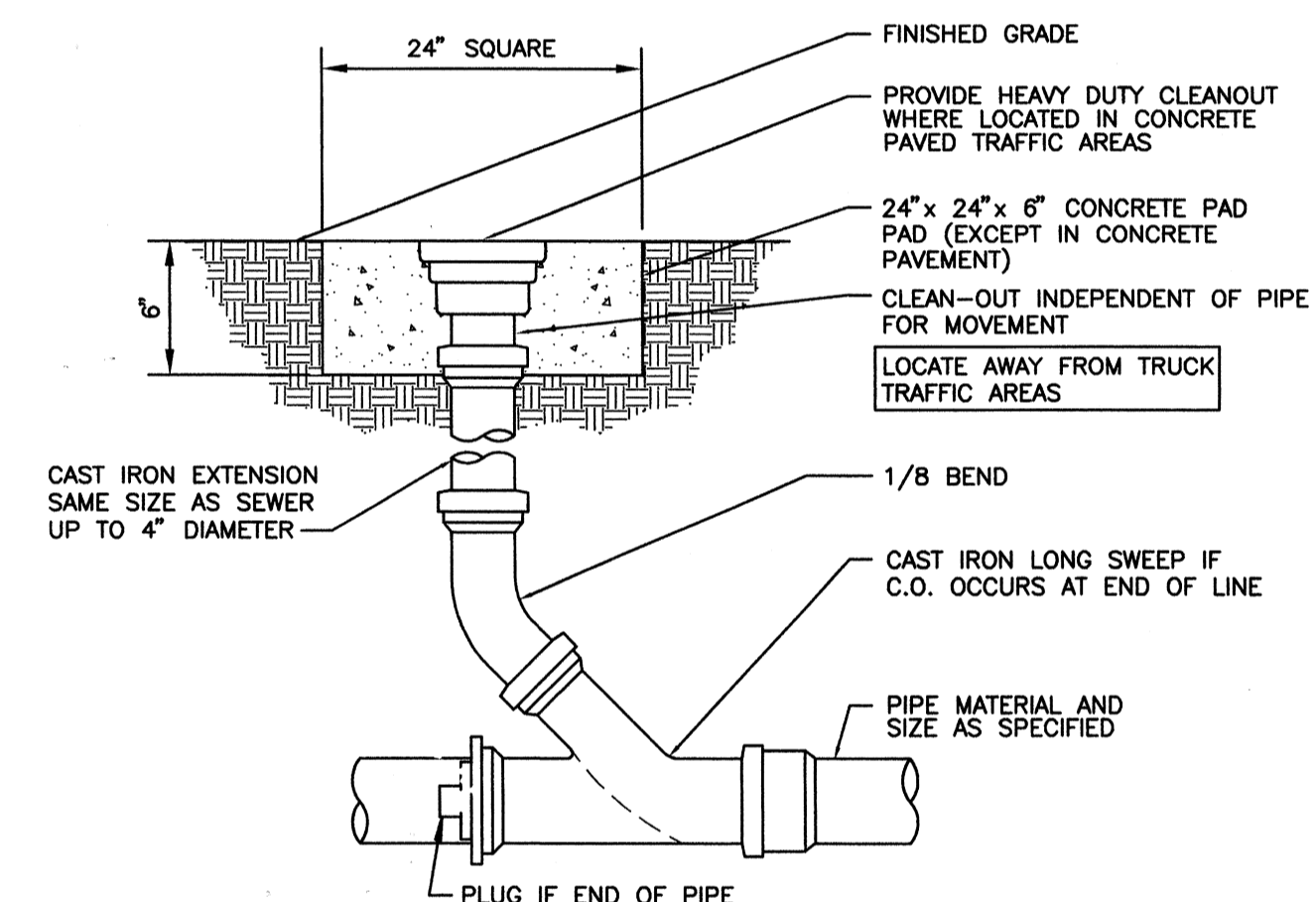
HEAT PUMP SCHEDULE

DESIG.	MFR/MDL	SERVES	TYPE	CFM	OSA	ESP TSP	COOLING			HEATING			AUX. HEATING		ELECTRICAL		REMARKS		
							MBH	EER	FLA	MBH	COP	FLA	MBH	FLA	KW	VOLTS/PHASE		MAX FLA	
HPU-1	GE/ ZONELINE AZ31H12D	ELEVATOR EQUIP. ROOM	THRU WALL	330	70	0"	11.8	9.0	6.6	11.5	2.8	6.0	7.1	10.0	2.0	208	1ø	6.6	PROVIDE APPROPRIATE LINE CORD. COORDINATE WITH ELECTRICAL CONTRACTOR.

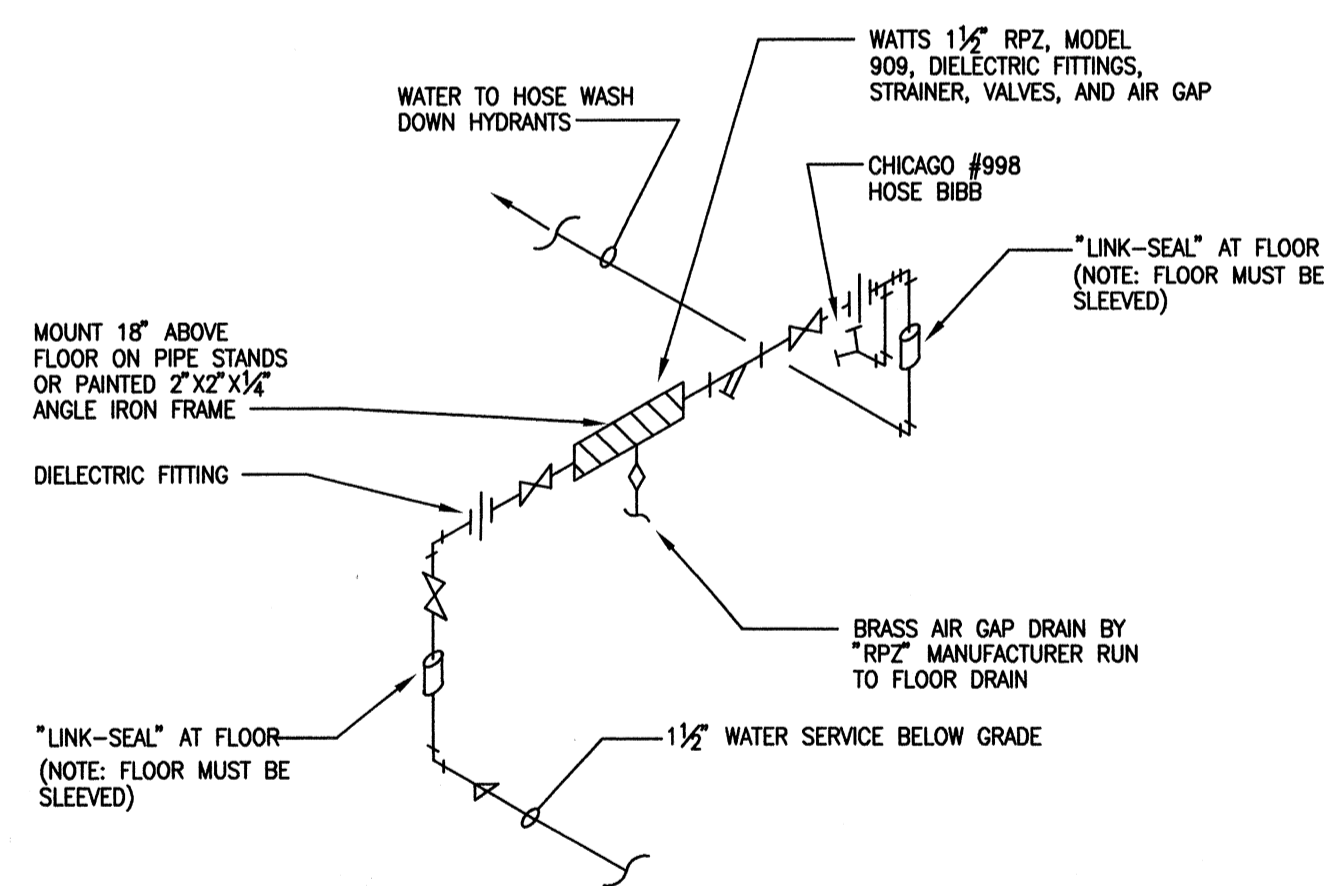
UH- Q MARK MODEL NUMBER MUH03-81
3KW, 208/19, 14.5 AMPS, 350 CFM, 1/100 HP
FAN MOTOR. PROVIDE MMB-5 MOUNTING BRACKET
AND MT-1 INTERNAL THERMOSTAT



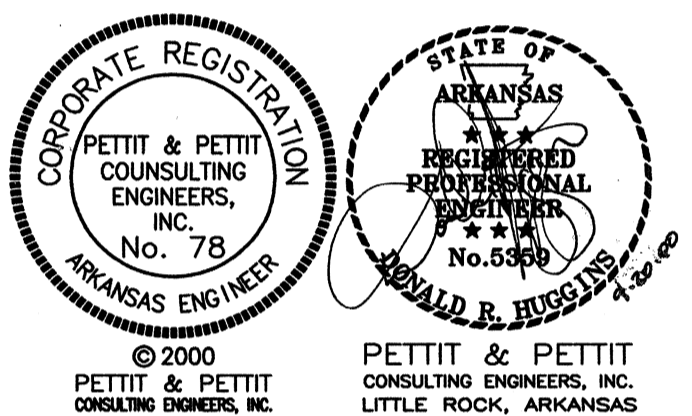
1 FIRE DEPARTMENT CONNECTION DETAIL
SCALE: NONE



2 EXTERIOR CLEAN-OUT (ECO) DETAIL
SCALE: NONE



3 DOMESTIC RPZ PIPING DETAIL
SCALE: NONE



A NEW
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FOR
ARKANSAS STATE UNIVERSITY
JONESBORO, ARKANSAS

JOB NUMBER

BROOKS JACKSON
ARCHITECTS

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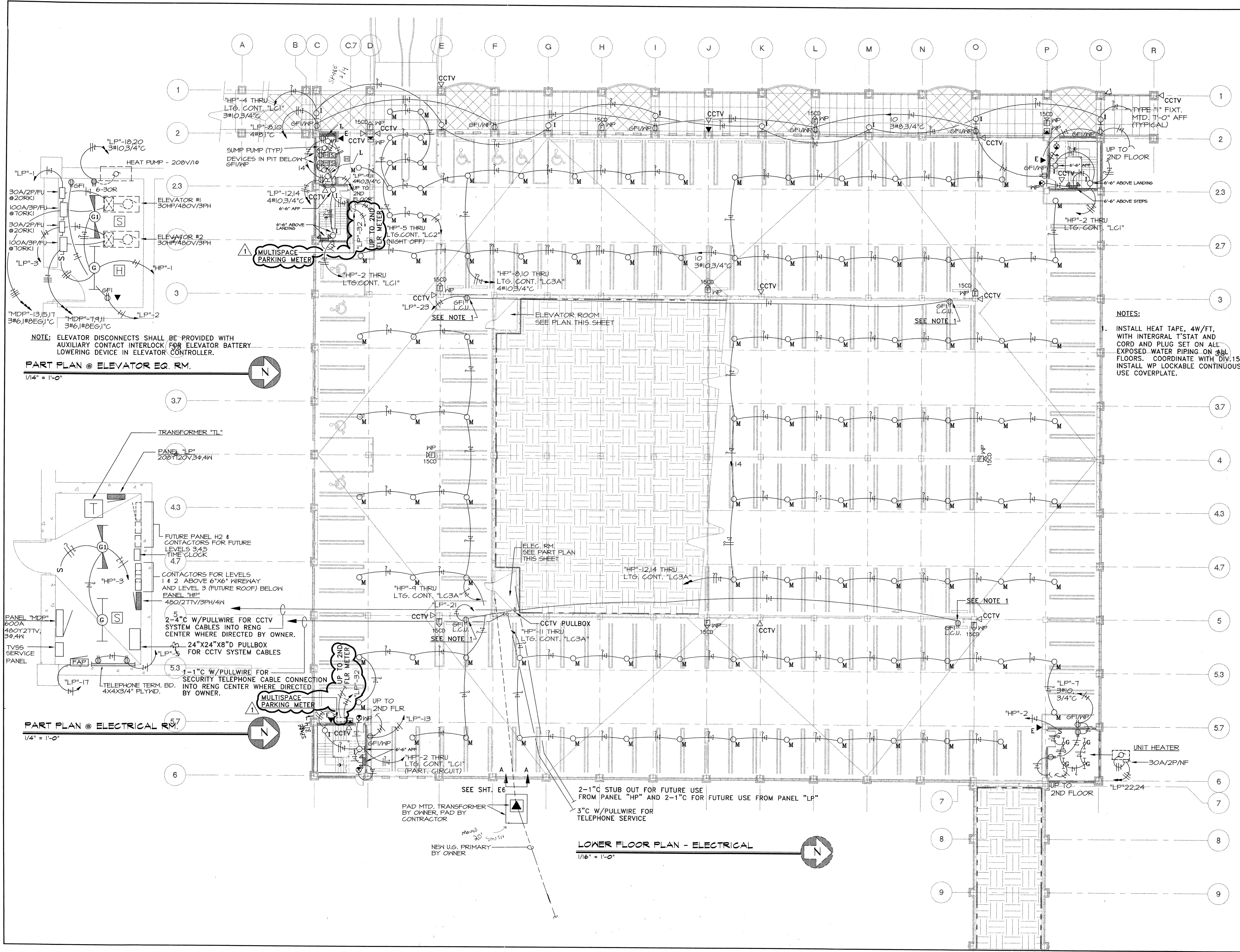
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Sheet Title
3RD-LEVEL
MECHANICAL
PLAN

Sheet Number
M-4

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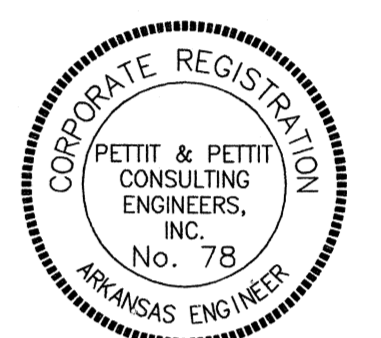


NOTE: ELEVATOR DISCONNECTS SHALL BE PROVIDED WITH AUXILIARY CONTACT INTERLOCK FOR ELEVATOR BATTERY LOWERING DEVICE IN ELEVATOR CONTROLLER.

PART PLAN @ ELEVATOR EQ. RM.

1/4" = 1'-0"

NOTES:
1. INSTALL HEAT TAPE, 4W/FT, WITH INTEGRAL T'STAT AND CORD AND PLUG SET ON ALL EXPOSED WATER PIPING ON ALL FLOORS. COORDINATE WITH DIV. 15
2. INSTALL WP LOCKABLE CONTINUOUS USE COVERPLATE.



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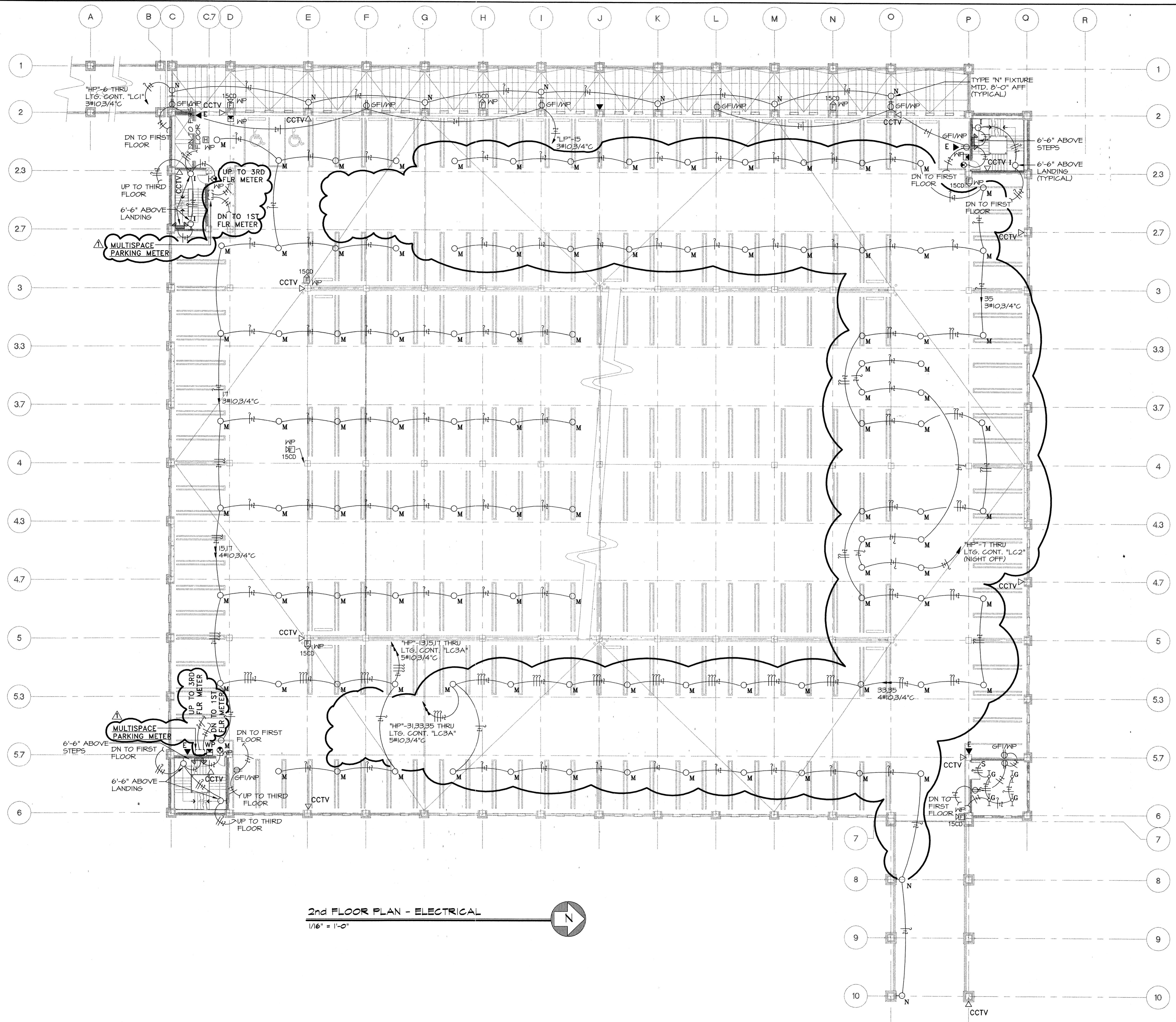
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Sheet Title
**PLAN
ELECTRICAL**

Sheet Number
E1

LOWER FLOOR PLAN - ELECTRICAL

1/16" = 1'-0"



2nd FLOOR PLAN - ELECTRICAL
 1/16" = 1'-0"

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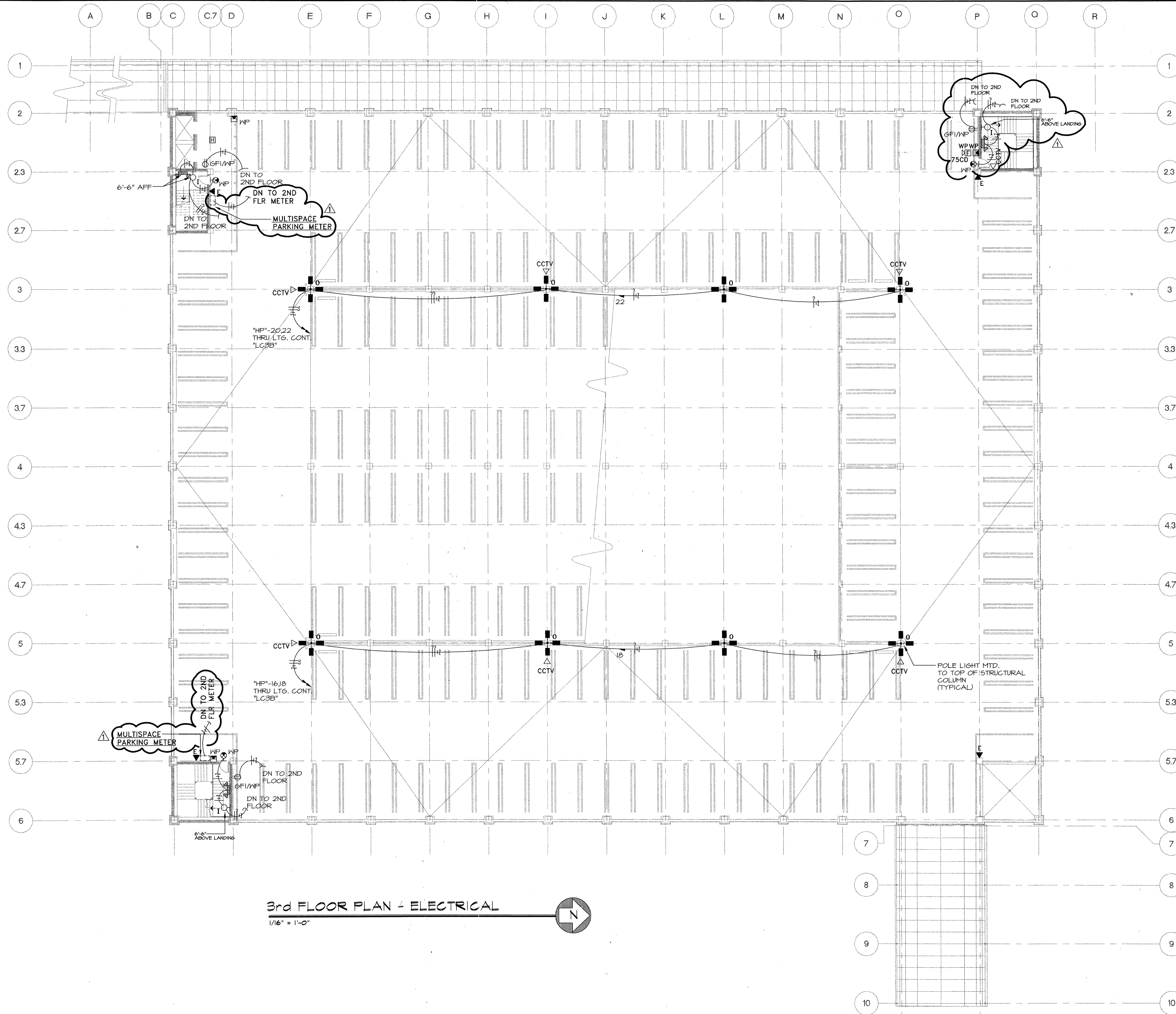
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Sheet Title	Sheet Number
PLAN ELECTRICAL	E2



3rd FLOOR PLAN - ELECTRICAL
 1/16" = 1'-0"

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 No. 78
 ARKANSAS ENGINEER

STATE OF ARKANSAS
 PROFESSIONAL ENGINEER
 No. 4781
 LOWIE L. BULE
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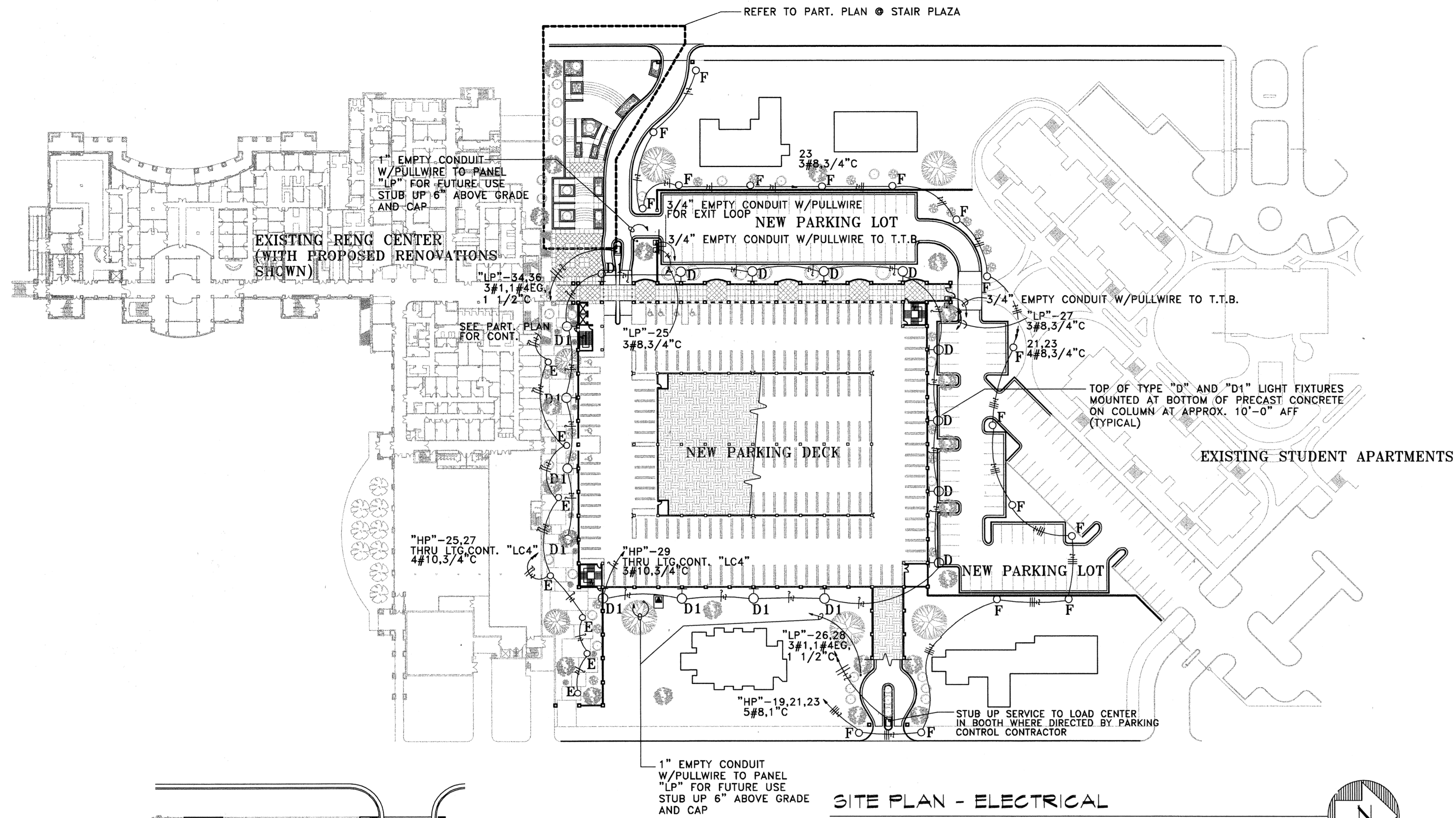
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Sheet Title
 PLAN ELECTRICAL

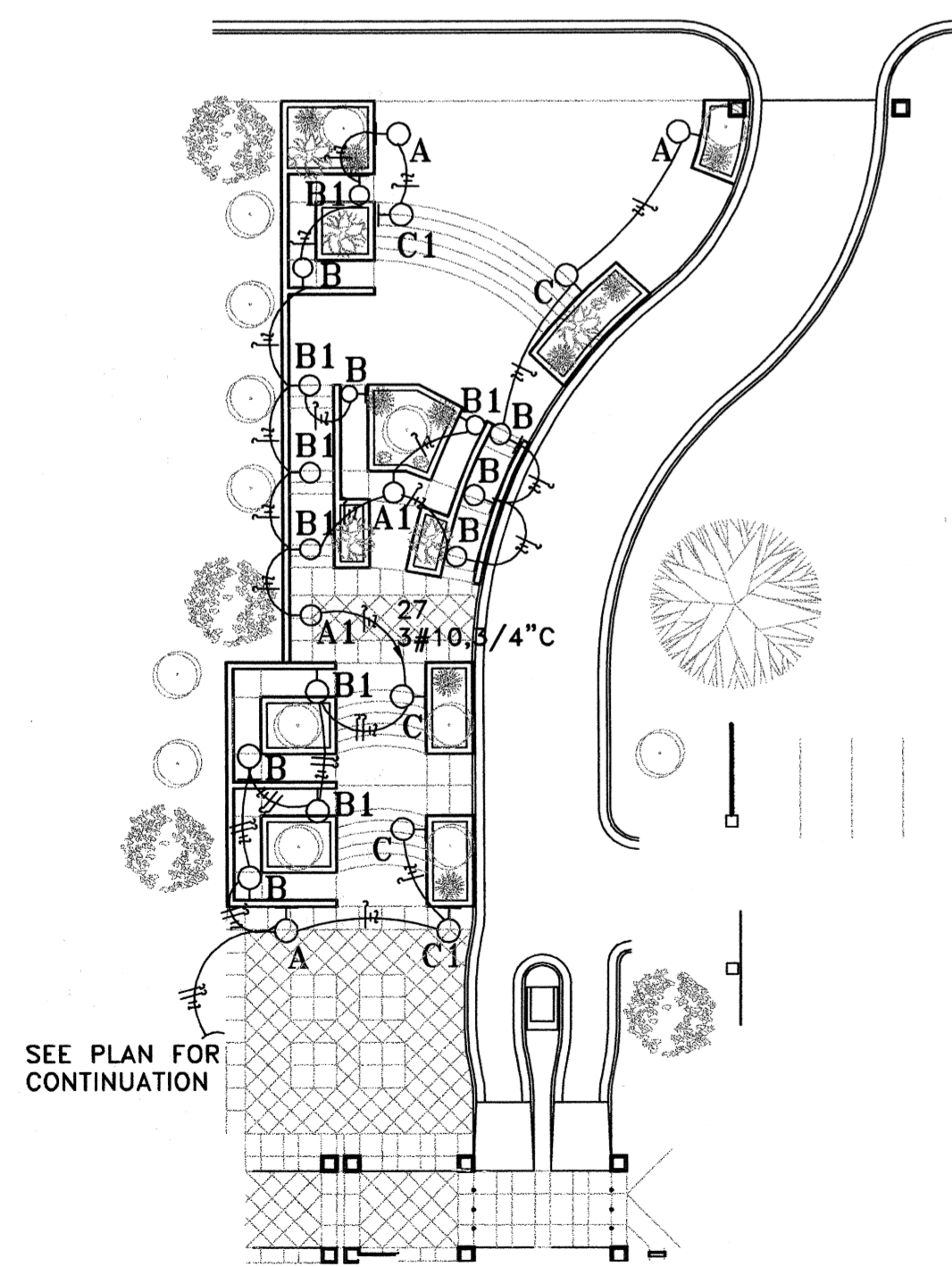
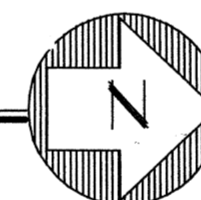
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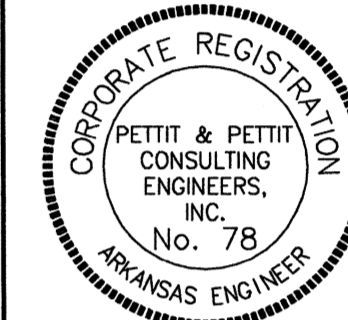
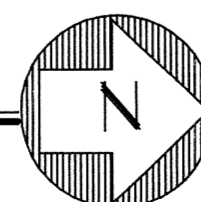
SITE PLAN - ELECTRICAL

1" = 60'-0"



PART PLAN @ STAIR PLAZA

1" = 30'-0"



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Sheet Title

SITE
PLAN
ELECTRICAL

Sheet Number

E4

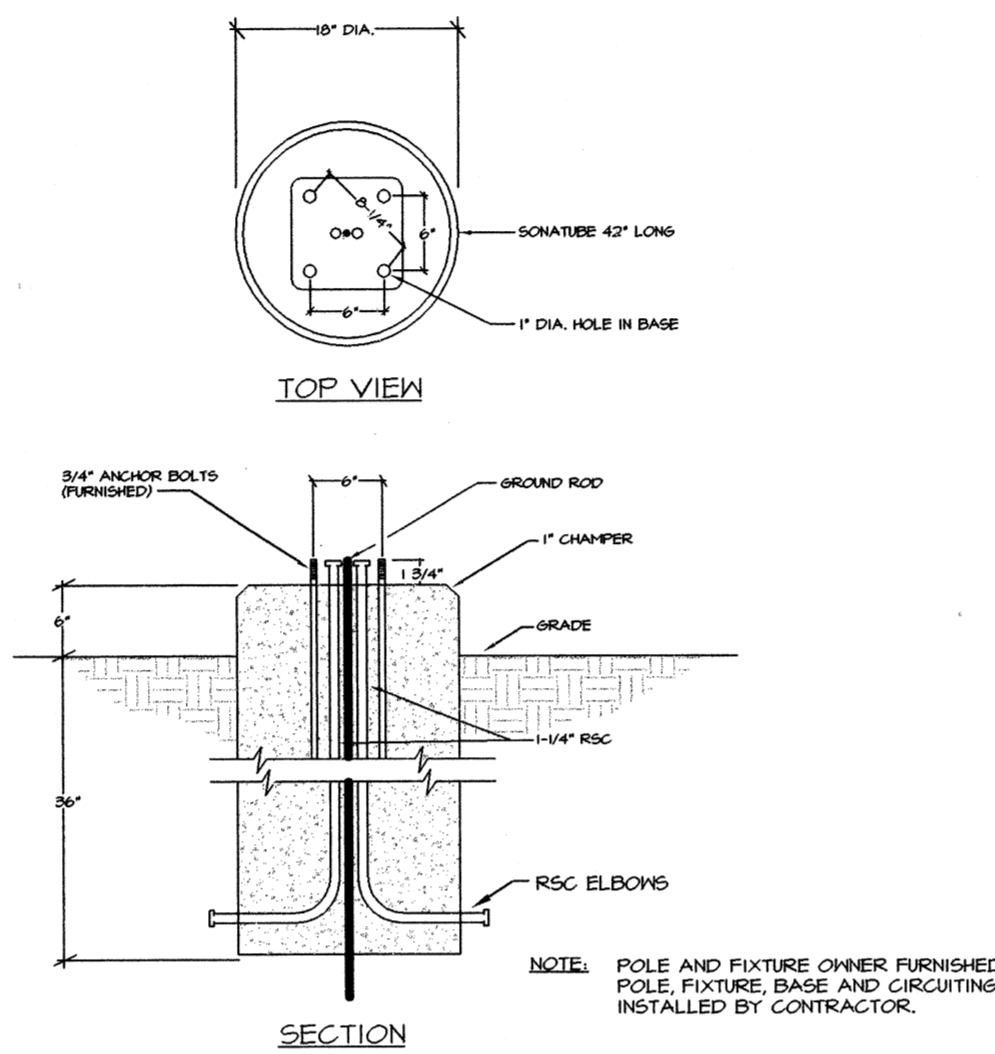
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FIXTURE SCHEDULE				
TYPE	MANUFACTURER OR EQUAL	LAMPS	REMARKS	VOLTS
1) A	KIM #LLF10-70WMH-277	1-70W/MH	LOW LEVEL AREA LIGHT FORWARD	277
1) A1	KIM #LLF10-50WMH-277	1-50W/MH	LOW LEVEL AREA LIGHT FORWARD	277
1) B	KIM #LLF-20-50WMH-277	1-50W-MH	LOW LEVEL STEP LIGHT RIGHT	277
1) B1	KIM #LLF-30-50WMH-277	1-50W/MH	LOW LEVEL STEP LIGHT LEFT	277
1) C	KIM #LLF-20-70WMH-277	1-70W-MH	LOW LEVEL STEP LIGHT RIGHT	277
1) C1	KIM #LLF-30-70WMH-277	1-70W/MH	LOW LEVEL STEP LIGHT LEFT	277
1) D	KIM #WD14D4-175WMH-277	1-175W/MH	WALL MTD. HID	277
1) D1	KIM #WD14D2-100WMH-277	1-100W/MH	WALL MTD. HID	277
1) E	A.A.L. #CB-15-R-G-CNT-DOME-MSB-INT	1-70W/MH	CONCRETE BOLLARD	277
F	OWNER FURNISHED CONTRACTOR INSTALLED	XXXXXX	AREA POST TOP LIGHT	277
G	COOPER #IA232	2-F32/T8/35K	4' FLUOR. STRIP W/REFLECTOR	277
G1	COOPER #IA232-BODINE B50	2-F32/T8/35K	4' FLUOR. STRIP W/REFLECTOR AND EMERG. BALLAST	277
1) H	KIM #LLF-10-100WMH-277	1-70W/MH	LOW LEVEL STEP LIGHT	277
1) I	KIM #WF30C-0S	1-70W/MH 1-100W/T4/HAL	HID WALL MTD. W/QZ, STANDBY	277
K	APPLETON #JBW10G	1-100W/A19	WALL MTD. INC.	120
L	NOT USED			277
M	KIM #FGL1HP/175MH/277/V LSI #AUG-RD-175M-A12S O.L. # 430-12-V-MH-175-MH	1-175W/MH	PARKING GARAGE LIGHT	277
1) N	INSIGHT #WT920/1BB/2	1-100W/MH	HID WALL MTD. ADJUSTABLE	277
1) O	KIM #4C/EKG501/400SMH277	400W/SMH	QUAD FIXTURE WITH 20' SQUARE STEEL POLE	277
2) P	CHLORIDE #LSPN-WEA-RX	W/ UNIT	SINGLE FACE RECESSED EXIT SIGN ARROWS AS SHOWN	277
2) Q	CHLORIDE #NSP-L-1-RW-WET	W/ UNIT	SINGLE FACE EXIT SIGN ARROWS AS SHOWN	277
2) R	CHLORIDE #MTC-100-ZR-2-HTR1	W/ UNIT	EMERGENCY LIGHT	277

- COLOR AS SELECTED BY ARCHITECT
- BACKBOX SUITABLE FOR CONCRETE MOUNTING

GENERAL ELECTRICAL NOTES

- EACH CIRCUIT SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR AND MULTI-WIRE CIRCUITS OF DIFFERENT PHASES MAY SHARE EQUIPMENT GROUND. EQUIPMENT GROUND CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
- ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER, AND ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER USING BOLTED LUGS AT TERMINALS.
- MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED.
- ALL WIRING DEVICES SHALL BE INSTALLED PLUMB, SQUARE, AND TRUE, AND ALL DEVICES INSTALLED AT A SINGLE LOCATION SHALL BE ALIGNED.
- MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE SPECIFIED.
- ALL WORK SHALL COMPLY WITH THE 1999 EDITION OF THE NATIONAL ELECTRICAL CODE.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL ELEVATIONS AND MILLWORK DETAILS FOR EXACT LOCATIONS OF ALL WIRING DEVICES.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL LAY-IN LIGHT FIXTURES.



TYPE "F" LIGHT FIXTURE POLE BASE DETAIL
N.T.S.

SYMBOLS SCHEDULE

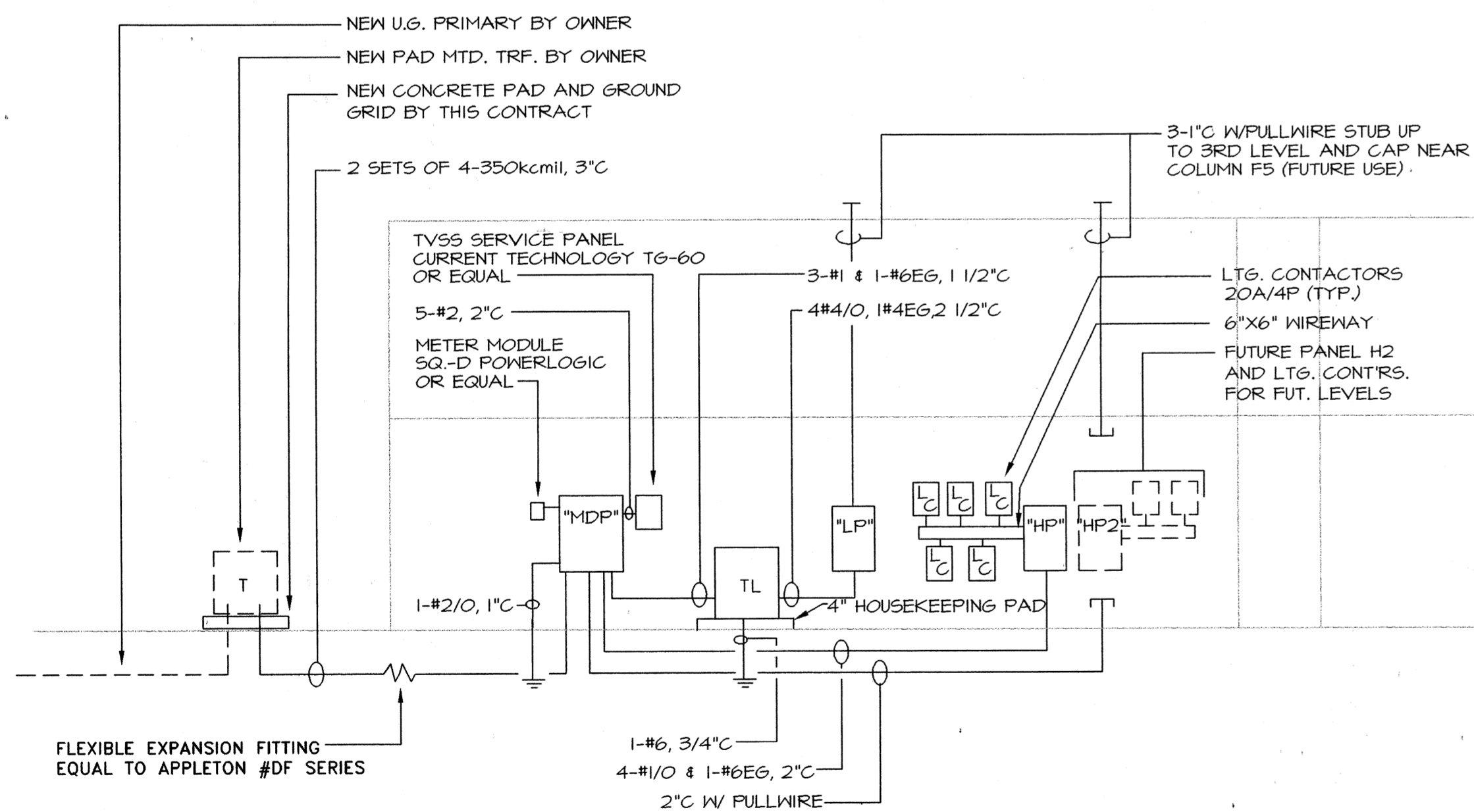
SYMBOL	DESCRIPTION
	FLUORESCENT LIGHT FIXTURE - CEILING MOUNTED
	FLUORESCENT LIGHT FIXTURE WITH EMERGENCY BALLAST
	FLUORESCENT STRIP LIGHT - WALL MOUNTED
	INCANDESCENT, FLUORESCENT, OR HID DOWNLIGHT FIXTURE - CEILING MOUNTED
	INCANDESCENT, FLUORESCENT, OR HID LIGHT FIXTURE - WALL MOUNTED
	REMOTE LIGHTING HEADS (CONNECTED TO EMERGENCY BATTERY PACK)
	REMOTE LIGHTING HEADS (CONNECTED TO EMERGENCY BATTERY PACK)
	EXIT LIGHTS - WALL MT. & CEILING MT. SHOWN - SHADING INDICATES FACE(S), DIRECTIONAL ARROWS SHALL BE AS SHOWN ON PLAN (DC SIDE CONNECTED TO EMERGENCY BATTERY PACK)
	EMERGENCY BATTERY PACK (100W/2VDC OUTPUT) NEMA 12 ENCLOSURE WITH INTEGRAL T-STAT CONTROLLED HEATER
	SINGLE-POLE TOGGLE SWITCH
	DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE - GROUND FAULT INTERRUPTING, SURGE PROTECTION, TWIST-LOCK, & WEATHERPROOF TYPES INDICATED
	EMERGENCY TELEPHONE - WALL MOUNTED @ 48" AFF. U.O.N. FOR CAMPUS SECURITY
	FIRE ALARM AUDIO/VISUAL DEVICE - NUMBER INDICATES INDICATES MINIMUM CANDELA RATING OF STROBE
	FIRE ALARM STROBE ONLY - NUMBER INDICATES MINIMUM CANDELA RATING OF STROBE
	FIRE ALARM PULL STATION
	HEAT DETECTOR
	SMOKE DETECTOR

SYMBOLS SCHEDULE

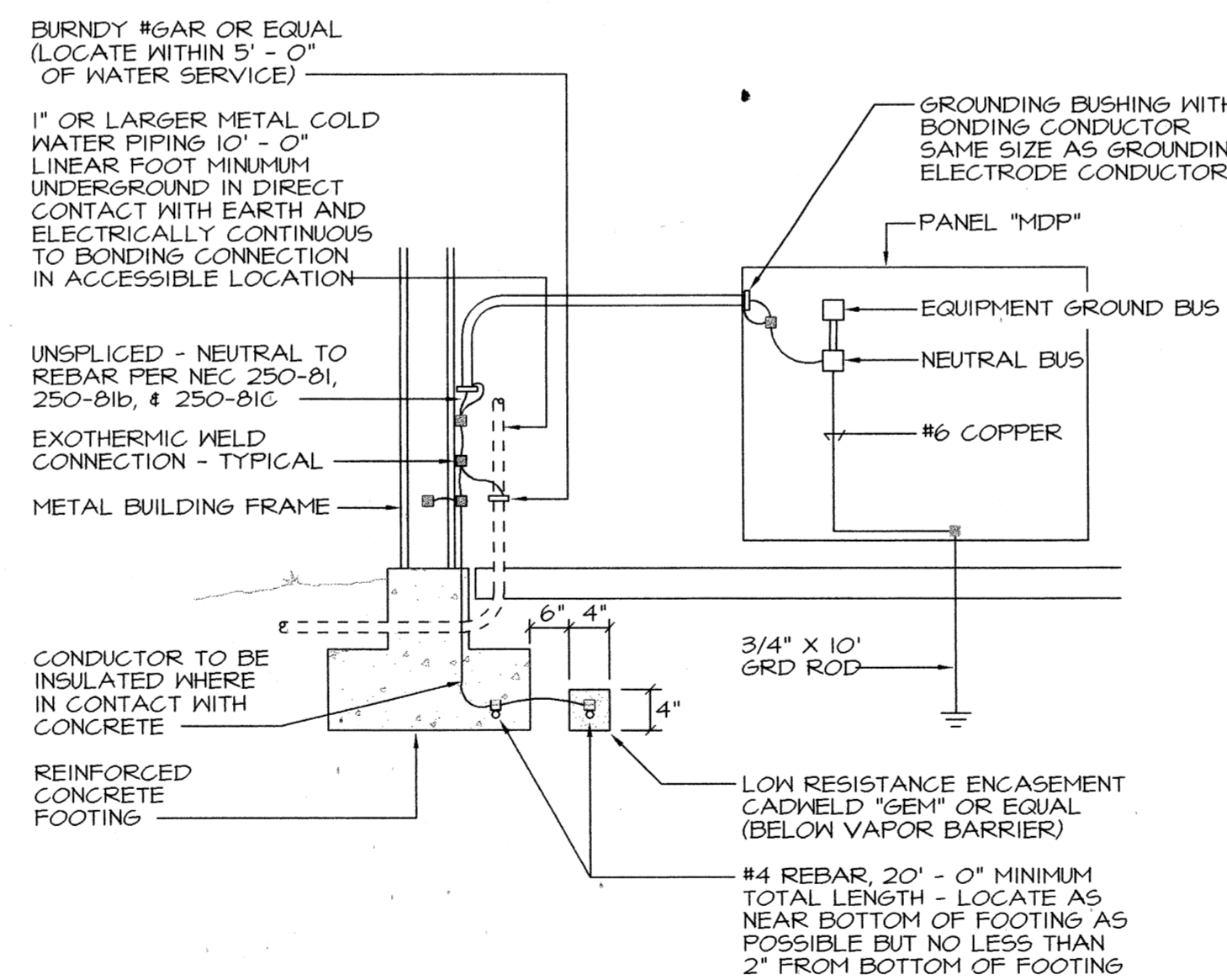
SYMBOL	DESCRIPTION
	JUNCTION BOX
	BRANCH CIRCUIT IN CONDUIT - SWITCH LEG, PHASE LEG, NEUTRAL, EQUIPMENT GROUND, AND ISOLATED GROUND INDICATED
	BRANCH CIRCUIT HOMERUN - PANEL AND CIRCUIT NUMBER INDICATED
	CONDUIT CONCEALED IN OR BELOW FLOOR SLAB OR BELOW GRADE
	JUNCTION BOX
	BRANCH CIRCUIT IN CONDUIT - SWITCH LEG, PHASE LEG, NEUTRAL, EQUIPMENT GROUND, AND ISOLATED GROUND INDICATED
	BRANCH CIRCUIT HOMERUN - PANEL AND CIRCUIT NUMBER INDICATED
	CONDUIT CONCEALED IN OR BELOW FLOOR SLAB OR BELOW GRADE
	DISCONNECT SWITCH
	COMBINATION MOTOR STARTER / DISCONNECT SWITCH
	MOTOR STARTER
	TRANSFORMER
	CONTACTOR
	TIME CLOCK
	SURFACE MOUNTED PANELBOARD
	TELEPHONE TERMINAL BOARD
	WEATHER-PROOF

TRANSFORMER SCHEDULE

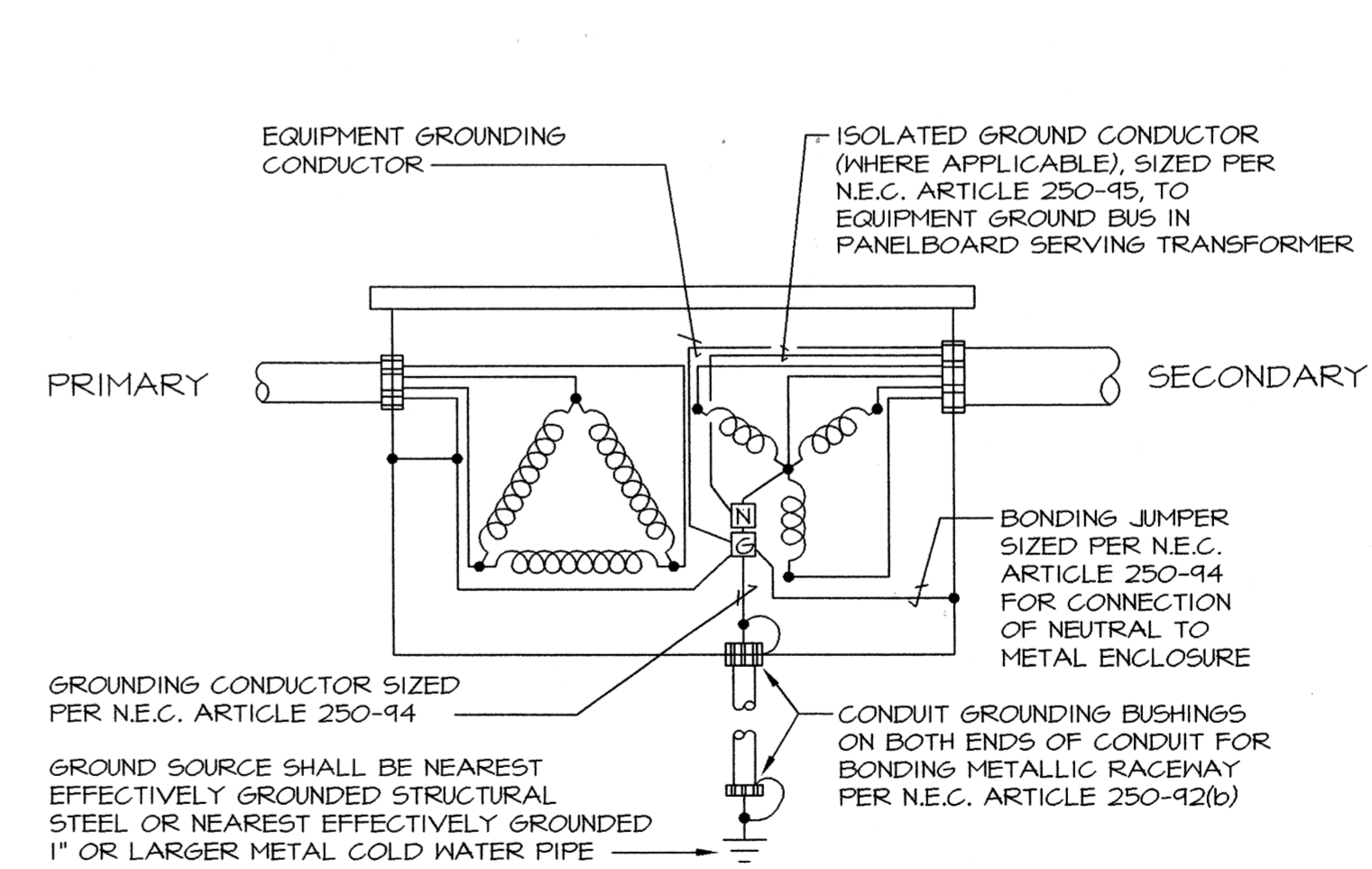
TRANSFORMER NO.	KVA RATING	PRIMARY VOLTAGE	SECONDARY VOLTAGE	MOUNTING	° C RISE
"TL"	75	480V/3PH	208/120V/3PH	FLOOR	115



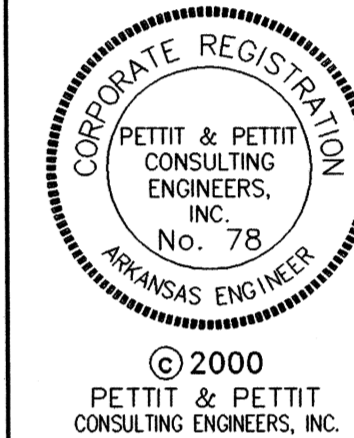
POWER RISER DIAGRAM
N.T.S.



SERVICE GROUND DETAIL
N.T.S.



TYPICAL TRANSFORMER GROUNDING DETAIL
N.T.S.



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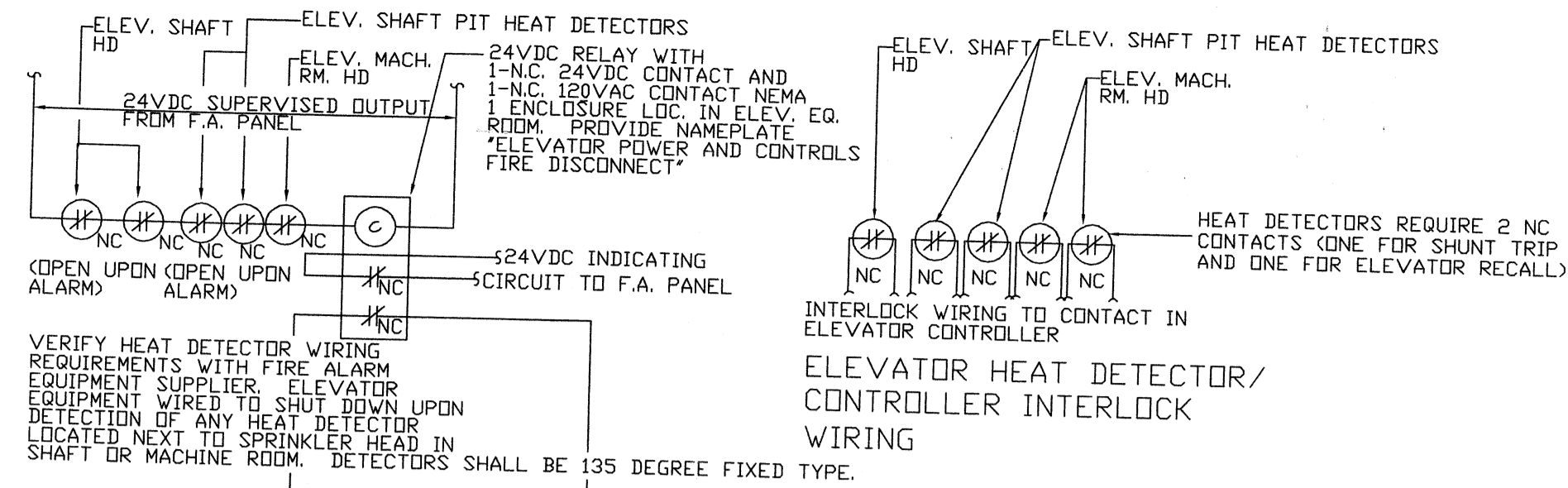
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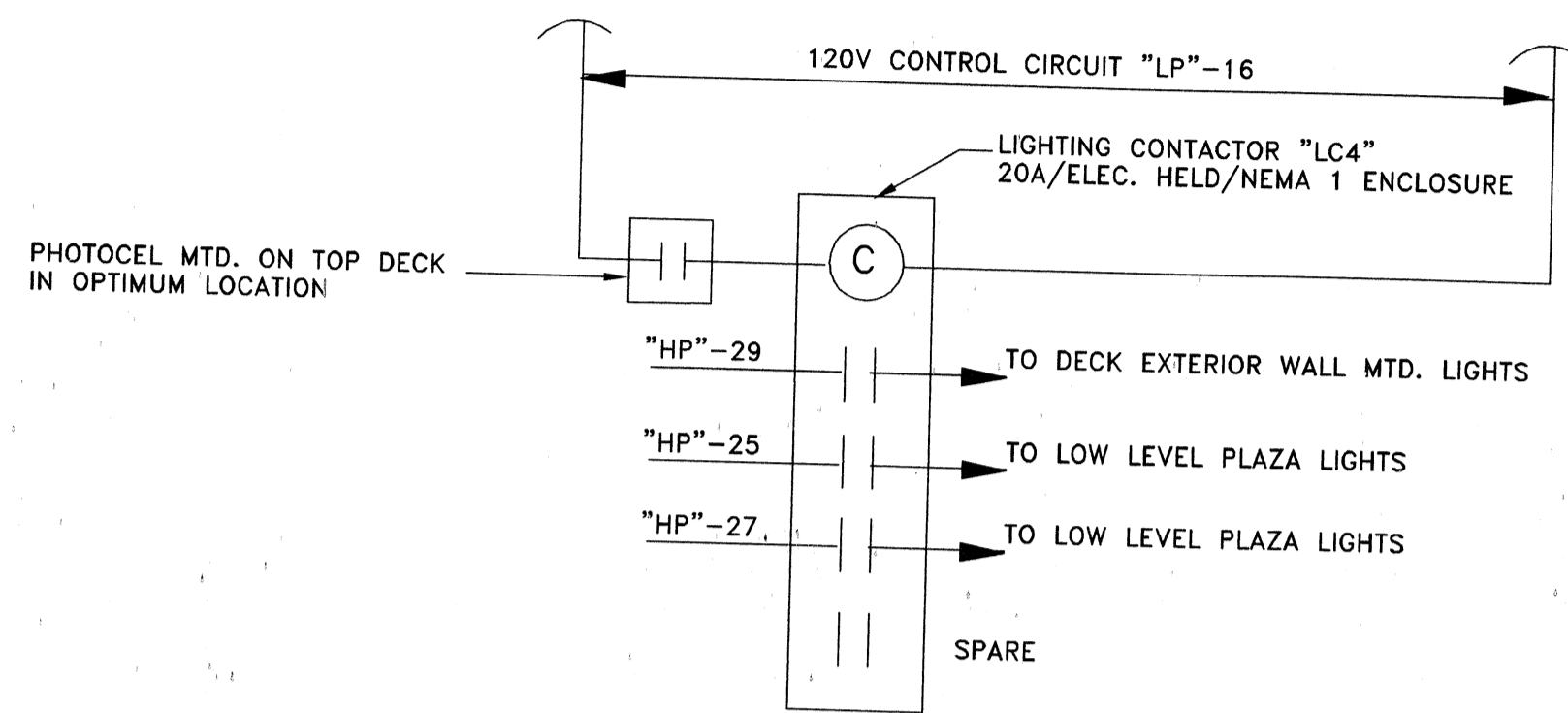
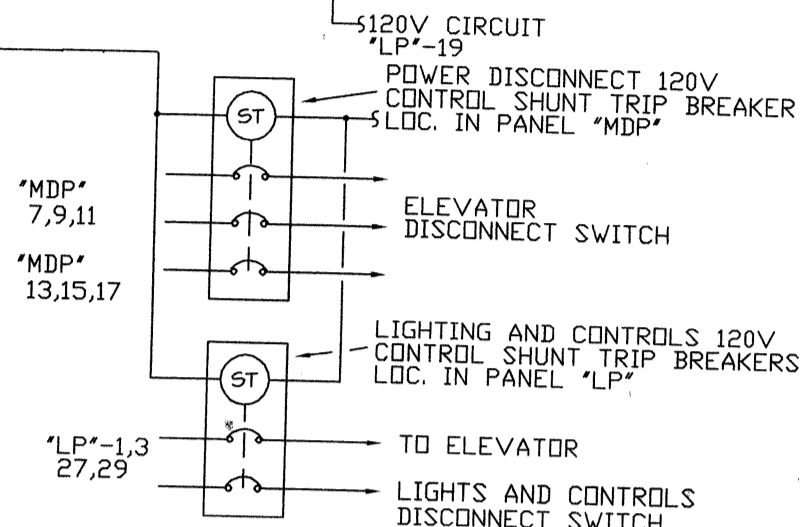
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LEGEND, SCHEDULES AND RISERS
Sheet Number
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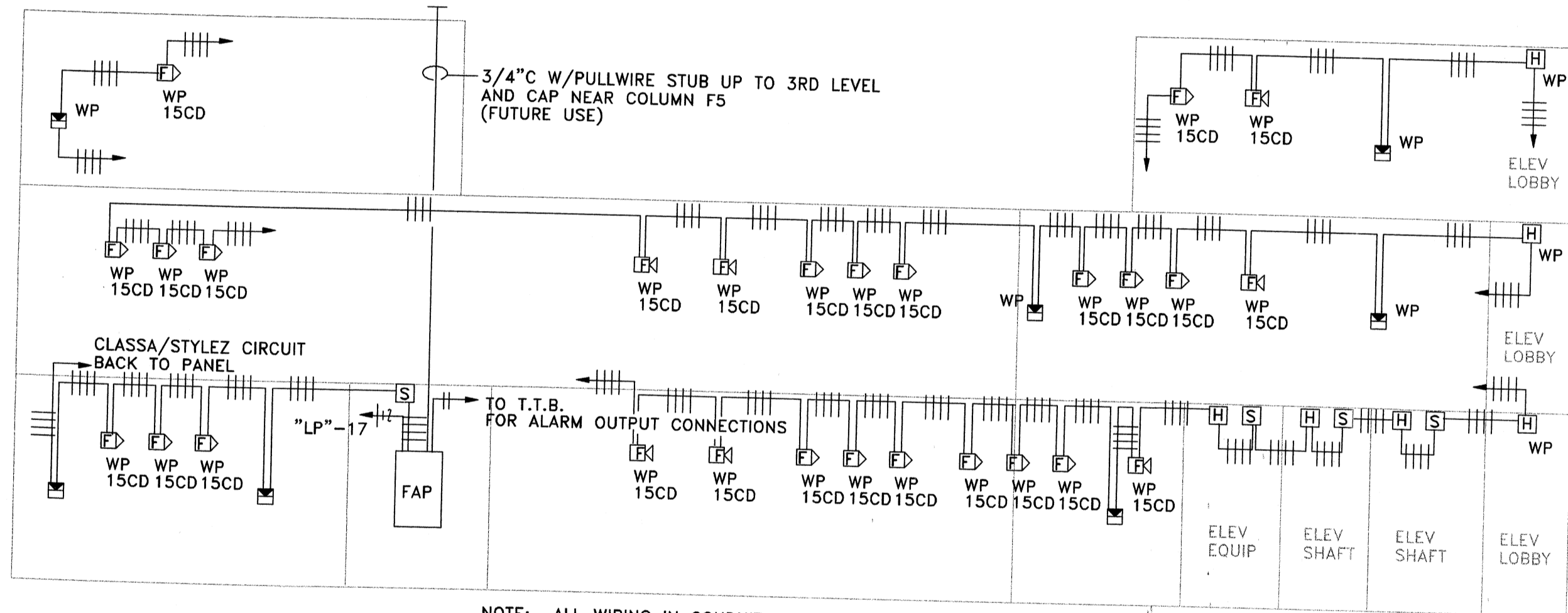


ELEVATOR POWER AND LIGHTING DISCONNECT CONTROL WIRING DIAGRAM
N.T.S.



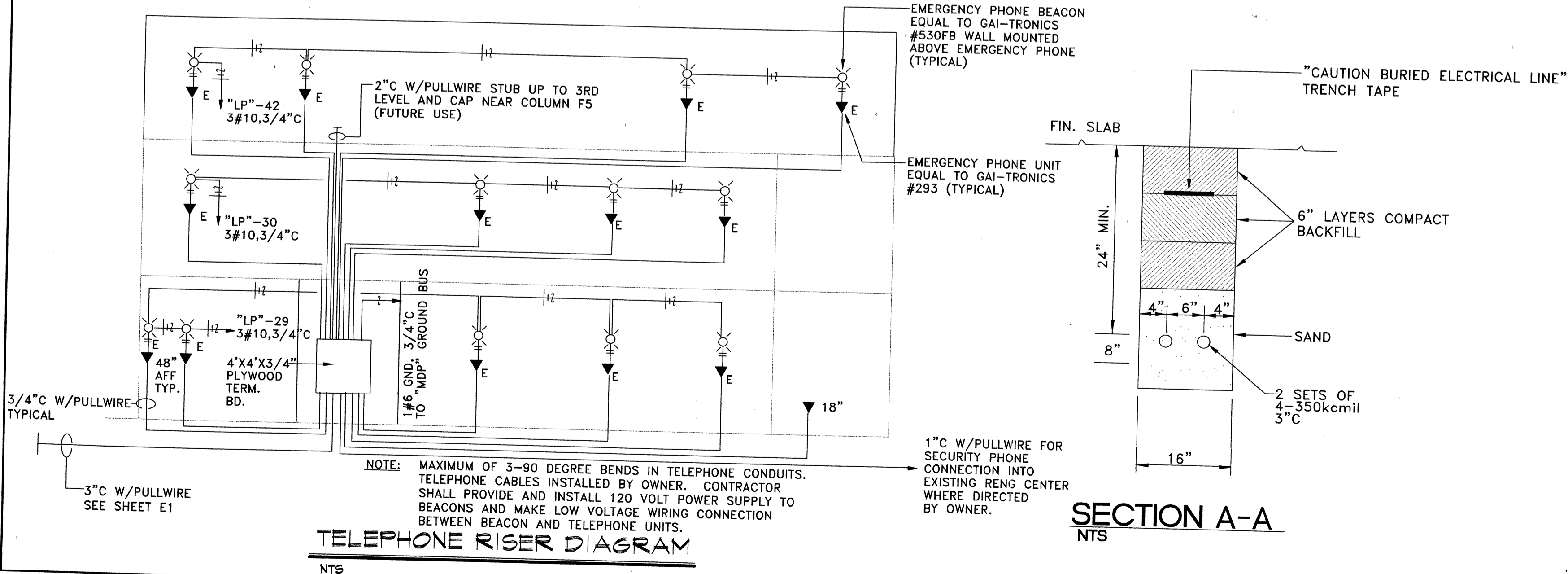
EXTERIOR PARKING DECK LIGHTING CONTROL DIAGRAM
NTS

NOTE: TYPE "F" OWNER FURNISHED LIGHT POLE INTEGRAL PHOTOCELL

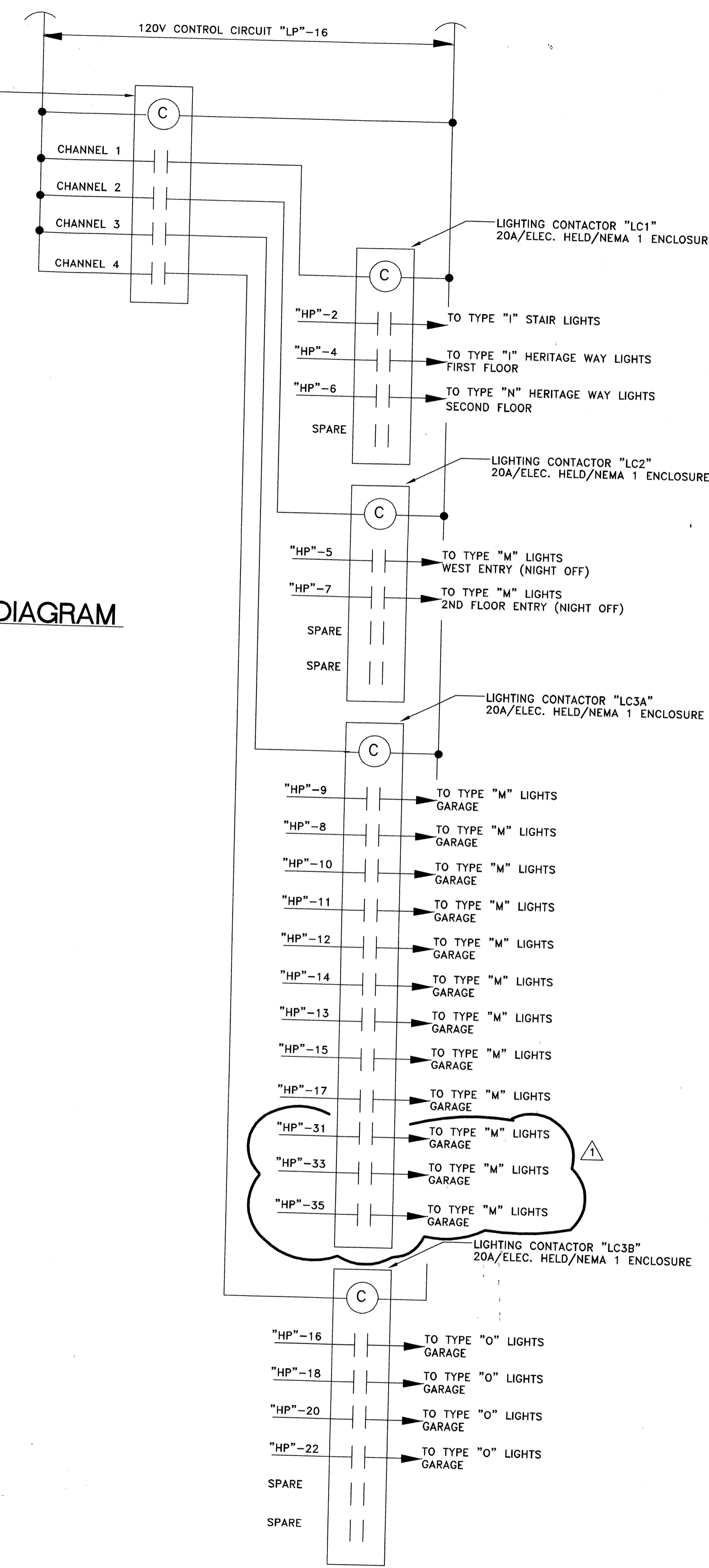


FIRE ALARM SYSTEM RISER DIAGRAM
NTS

NOTE: ALL WIRING IN CONDUIT. ALL WIRING CLASS A SYSTEM.

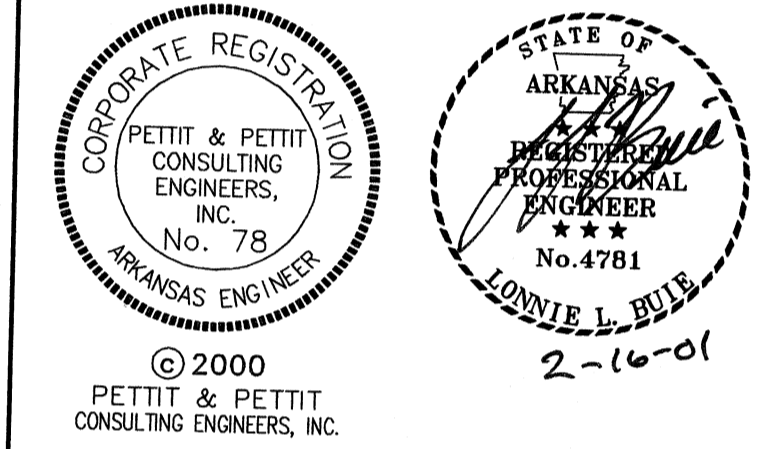


TELEPHONE RISER DIAGRAM
NTS



INTERIOR PARKING DECK LIGHTING CONTROL DIAGRAM
NTS

NOTE: PROVIDE MINIMUM 2 HOURS OWNER TRAINING FOR OPERATION OF TIME CLOCK AND 4 CHANNEL CONTROL. LIGHTS ON "LC2" SHALL BE PROGRAMMED OFF AT NIGHT (DAYTIME USE ONLY).



A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY
JONESBORO, ARKANSAS

JOB NUMBER

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SCHEDULES AND RISERS
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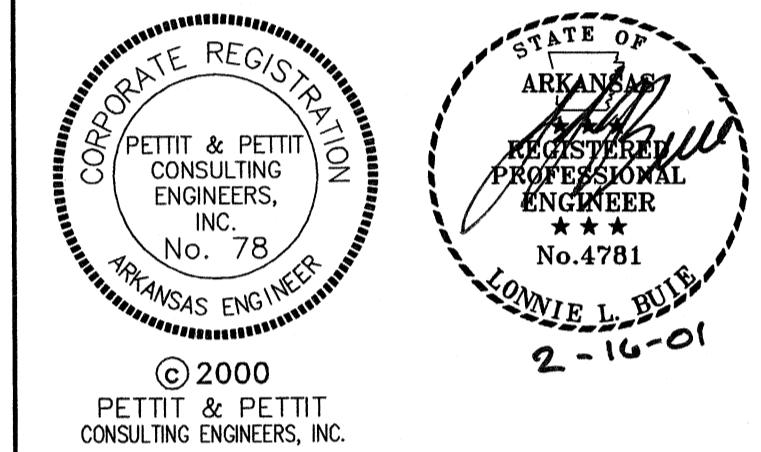
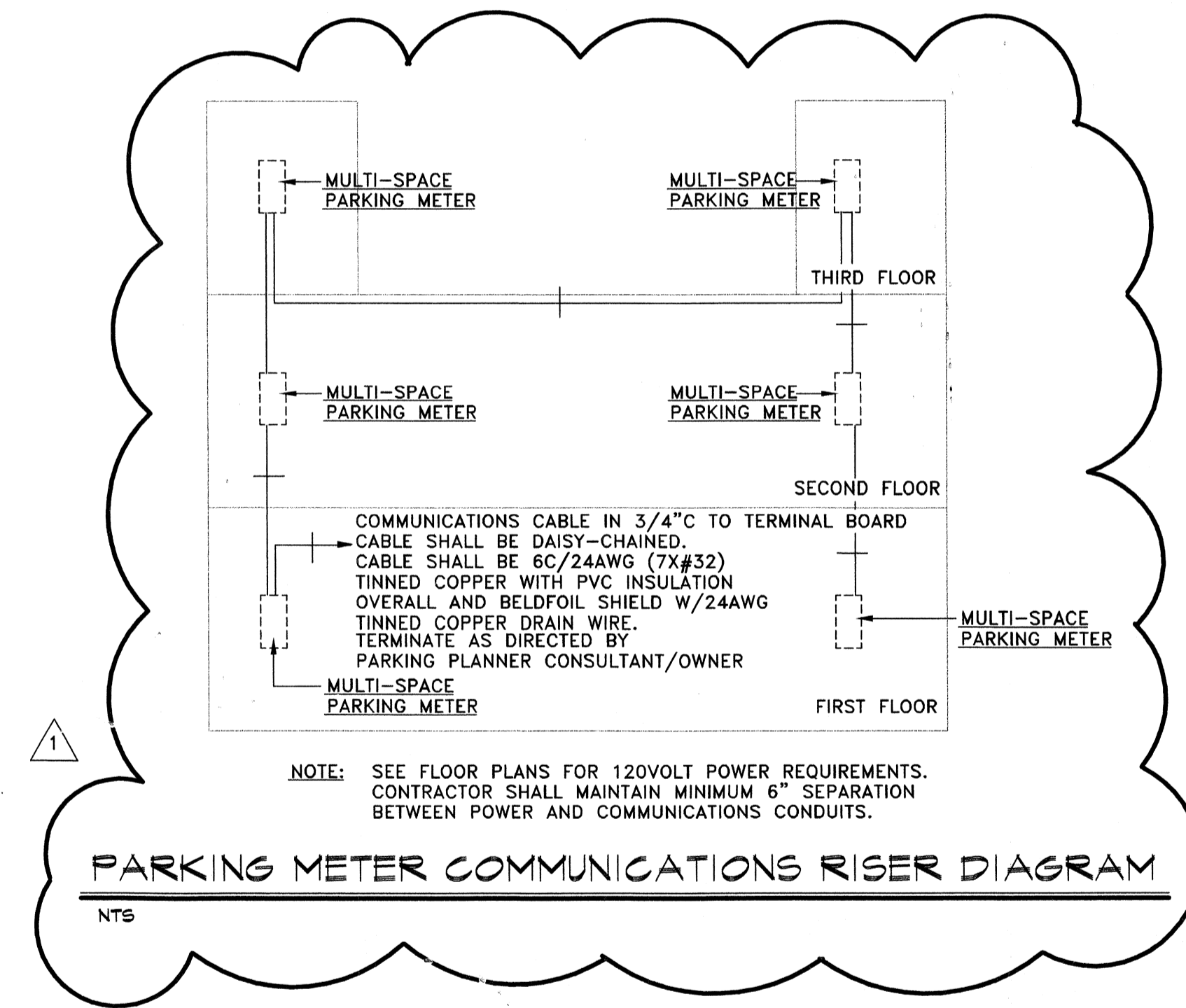
PANELBOARD: "MDP"		VOLTAGE: 480/277V/3PH	BUS RATING: 600A	MAIN: 600A M.L.O. AT BOT.		TOTAL CONNECTED VA: 187,476
LOCATION: ELECTRICAL ROOM		MFG. AND TYPE: SQUARE D I-LINE	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO		TOTAL A Ø : 61,088
MOUNTING: SURFACE		ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 30K	FED. FROM: FAD MTD TRANSFORMER		TOTAL B Ø : 66,208
LOAD (VA)		SERVES		SERVES		LOAD (VA)
AØ	BØ	CØ	P/T	CIR. No.	ABC ØØØ	AØ
22,900			3	1	2	16,320
	21,100			3	3	22,940
		21,100		5	6	15,820
11,084			3	7	8	
	11,084			9	10	
		11,084		11	12	
11,084			3	13	14	
	11,084			15	16	
		11,084		17	18	
				19	20	
				21	22	
				23	24	
				25	26	
				27	28	
				29	30	
				31	32	
				33	34	
				35	36	
				37	38	
				39	40	
				41	42	

* PROVIDE 120 VOLT SHUNT TRIP COIL IN CIRCUIT BREAKER

PANELBOARD: "LP"		VOLTAGE: 208/120V/3PH	BUS RATING: 225A	MAIN: 225A M.C.B. AT BOT.		TOTAL CONNECTED VA: 59,880
LOCATION: ELECTRICAL ROOM		MFG. AND TYPE: SQUARE "D" TYPE "NQOD"	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO		TOTAL A Ø : 16,320
MOUNTING: SURFACE		ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 10K	FED. FROM: TRSF. "TL"		TOTAL B Ø : 22,940
LOAD (VA)		SERVES		SERVES		LOAD (VA)
AØ	BØ	CØ	P/T	CIR. No.	ABC ØØØ	AØ
600			2	1	2	600
	600			3	4	
		600		5	6	600
1200				7	8	1200
	200			9	10	800
		600		11	12	600
1200				13	14	600
	1200			15	16	200
		600		17	18	1200
200				19	20	1200
	600			21	22	1500
		600		23	24	1500
600				25	26	8320
		600		27	28	8320
				29	30	400
				31	32	600
				33	34	8320
				35	36	8320
				37	38	
				39	40	
				41	42	400

* PROVIDE 120 VOLT SHUNT TRIP COIL AND GFI PROTECTION IN CIRCUIT BREAKER

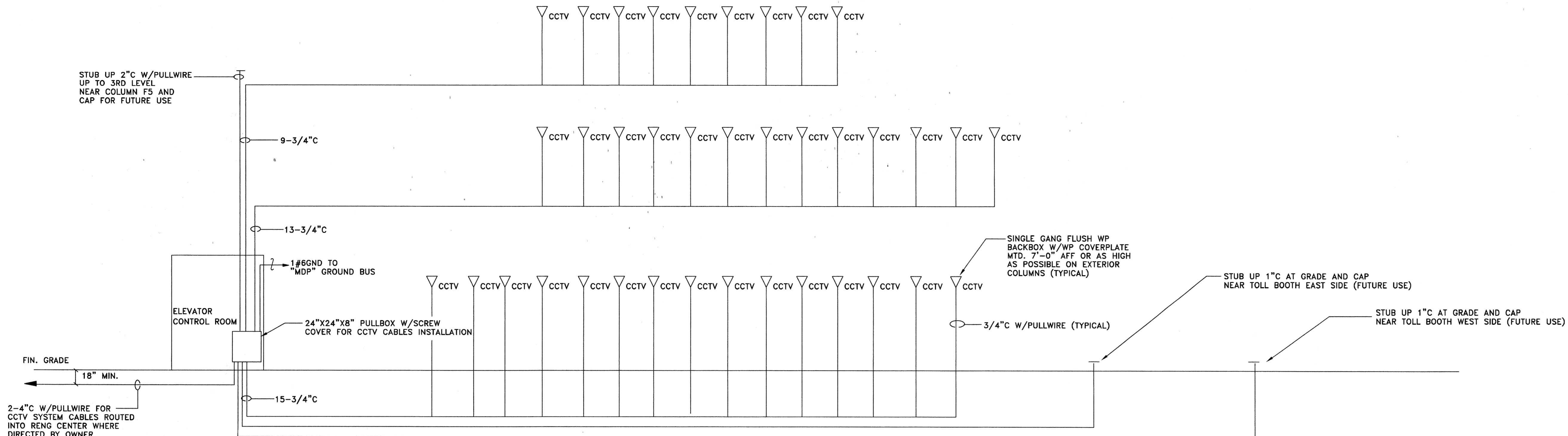
PANELBOARD: "HP"		VOLTAGE: 480/277V/3PH	BUS RATING: 225A	MAIN: 225A M.L.O. AT TOP		TOTAL CONNECTED VA: 65,100
LOCATION: ELECTRICAL ROOM		MFG. AND TYPE: SQUARE "D" I-LINE	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO		TOTAL A Ø : 22,900
MOUNTING: SURFACE		ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 30K	FED. FROM: PANEL "MDP"		TOTAL B Ø : 21,100
LOAD (VA)		SERVES		SERVES		LOAD (VA)
AØ	BØ	CØ	P/T	CIR. No.	ABC ØØØ	AØ
200			1	2	3	3000
	200			3	4	1000
		1200		5	6	1000
1600				7	8	3400
	3600			9	10	2800
		4400		11	12	2800
3000				13	14	2800
	2000			15	16	3600
		3000		17	18	3600
3600				19	20	3600
	1800			21	22	3600
		1800		23	24	
1700				25	26	
	1700			27	28	
		2500		29	30	
3600				31	32	
	2800			33	34	
		4000		35	36	
				37	38	
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				41	42	



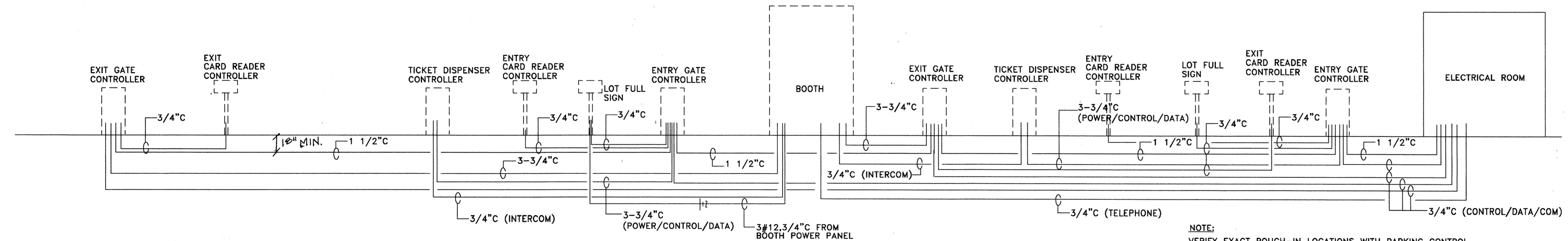
A NEW PARKING STRUCTURE FOR ARKANSAS STATE UNIVERSITY
JONESBORO, ARKANSAS

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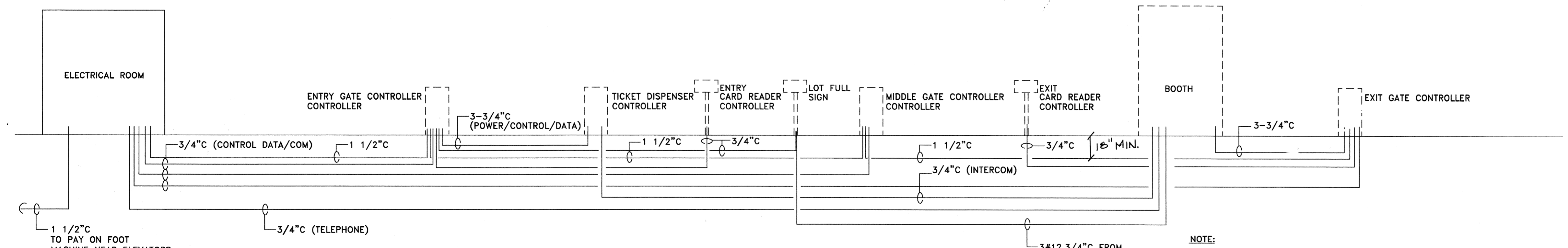


CLOSED CIRCUIT TELEVISION SYSTEM CONDUIT RISER DIAGRAM
NTS



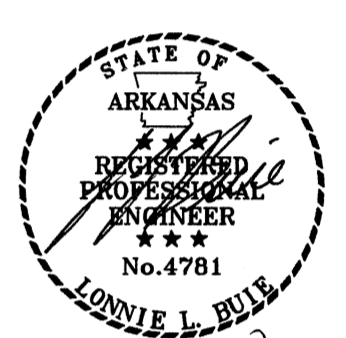
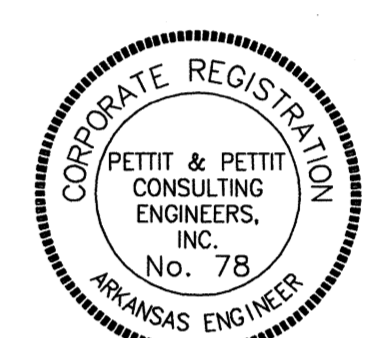
WEST PARKING CONTROL CONDUIT ROUGH-IN DIAGRAM
NTS

NOTE:
VERIFY EXACT ROUGH-IN LOCATIONS WITH PARKING CONTROL EQUIPMENT CONTRACTOR. INSTALL PULLWIRE IN ALL CONDUITS. REFER TO SPECIFICATIONS SECTION 10440 AND 11150 FOR COORDINATION AND EXACT REQUIREMENTS OF WORK. ALSO PROVIDE CONDUIT TO LOOPS WHERE REQUIRED BY PARKING CONTROL CONTRACTOR.



EAST PARKING CONTROL CONDUIT ROUGH-IN DIAGRAM
NTS

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