

Eddy Street Commons
 Phase II
 Parking Garage
 Project Number: 108-004

Owner:
 City of South Bend, Indiana

Construction Manager:
 Kite Realty Group
 39 South Meridian Street, Suite 1100
 Indianapolis, Indiana 46204
 317.573.5000

Special Inspector:
 Fink, Roberts & Petrie, Inc.
 4600 Winchester Circle, Suite 300
 Indianapolis, Indiana 46268
 317.573.5000

Architect:
 Looney Hicks Kiss
 172 Tipton Plaza, Suite 600
 Indianapolis, Indiana 46204
 317.573.1440

Mechanical, Electrical & Plumbing Engineer:
 Crane Design Group
 1000 South Meridian Street, Suite 100
 Indianapolis, Indiana 46227
 317.573.6200

Parking Consultant:
 Walker Parking Consultants
 6602 East 75th Street, Suite 910
 Indianapolis, Indiana 46226
 317.848.8800

Civil Engineer/Architect:
 Hic Project Group
 1000 South Meridian Street, Suite 1100
 Indianapolis, Indiana 46204
 317.573.5000

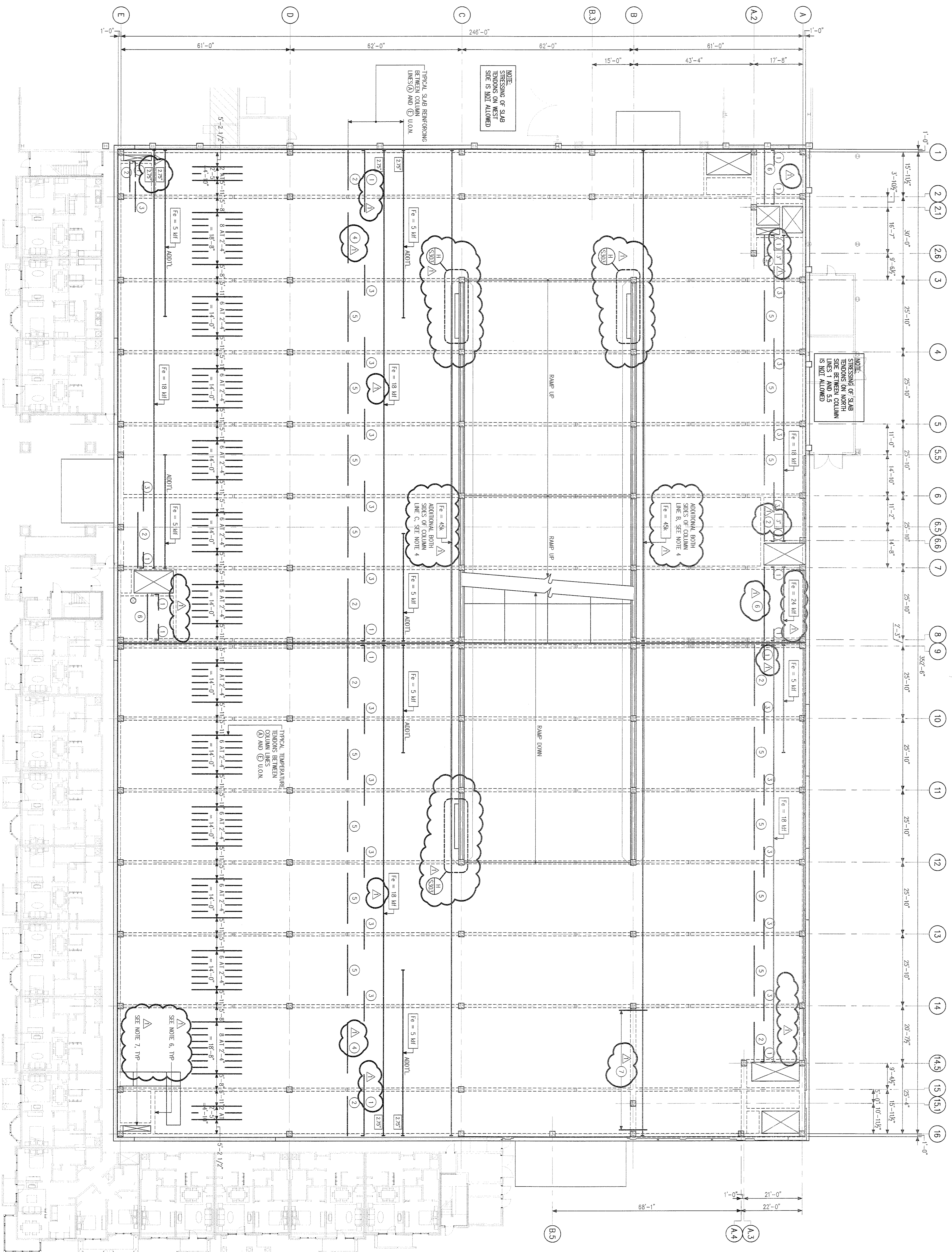
100% Construction Documents
 January 29, 2008

REVISION DATE	REVISION DESCRIPTION
02-04-08	ADDENDUM NO. 1

DESIGN DATE	02/04/08
DESIGN PROJECT NO.	
DESIGN DRAWN BY	KITE
CHECKED BY	KITE

SHEET NO. **SP1**

SHEET TITLE **STAGING PLAN**



△ FIRST FLOOR REINFORCING PLAN
1/8" = 1'-0"

POST-TENSIONED SLAB NOTES:

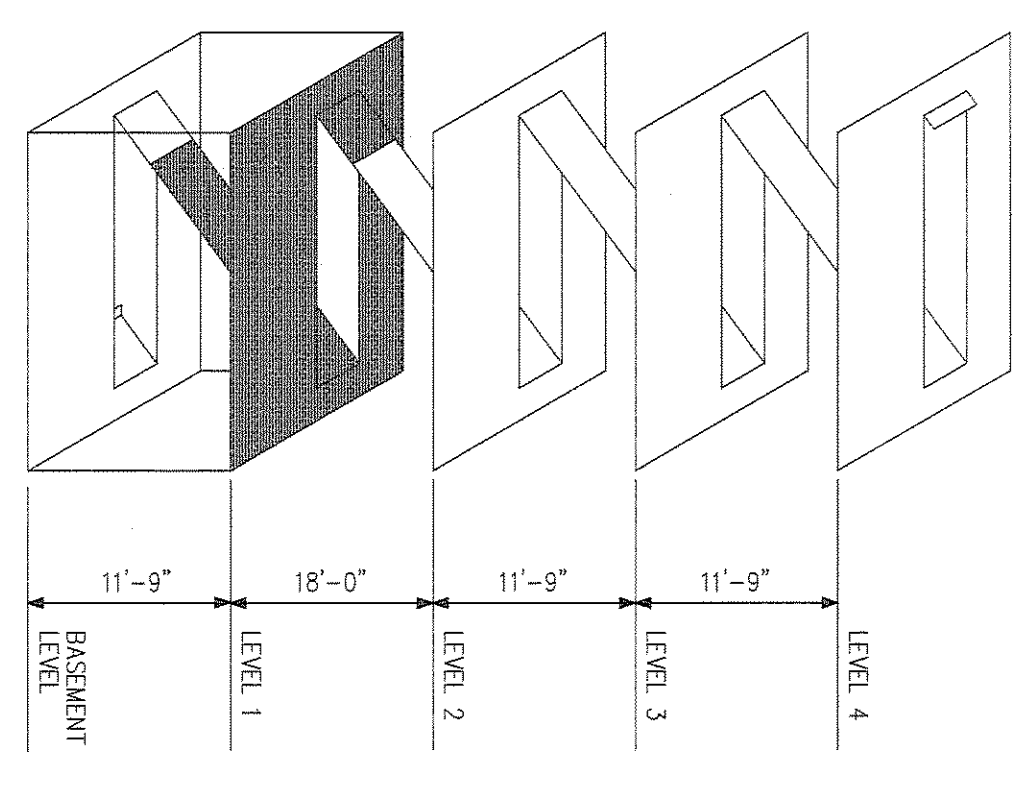
- FOR POST-TENSIONED SLAB DETAILS, SEE BRACING SCHEDULE.
- C/S OF SLAB TENDONS FROM BOTTOM OF SLAB SHALL BE AS FOLLOWS AT TYPICAL END AND STRESSING ENDS:
 - AT SUPPLEMENTS: 4.5"
 - AT MID-SPAN: 4.25"
 - UNLESS OTHERWISE INDICATED ON THE PLAN HERE "X"
- INDICATES SLAB REINFORCEMENT MARK. SEE POST-TENSIONED WAD STEEL REINFORCEMENT SCHEDULE ON THIS DRAWING.
- SLAB REINFORCEMENT SHOWN ON COLUMN LINES (A) AND (C) IS ADDITIONAL REINFORCEMENT AND SHALL BE PLACED WITHIN 3'-0" OF THE SLAB EDGE. ADDITIONAL STEEL REINFORCEMENT, SEE APPROPRIATE SCHEDULE FOR ADDITIONAL WAD STEEL REINFORCEMENT.
- SEE BRACING SCHEDULE FOR CONCRETE STRENGTH AND GENERAL NOTES PERTAINING TO CONCRETE, POST-TENSIONED CONCRETE AND REINFORCING STEEL.
- GRADE 2 SLAB MAIN TENDONS INTO MID-DEPTH OF BEAM.
- GRADE 1 SLAB TEMPERATURE TENDON INTO MID-DEPTH OF BEAM.

△ POST-TENSIONED SLAB MILD STEEL REINFORCING SCHEDULE

①	#4 @ 14" O.C.	TOP (SEE NOTE 5)
②	#4 @ 14" O.C.	BOTTOM (SEE NOTE 5)
③	#4 @ 9" O.C. x 11'-6" TOP	
④	#4 @ 14" O.C. x 15'-0" BOTTOM	
⑤	#4 @ 14" O.C. (TRAIL LENGTH) BOTTOM	
⑥	#5 @ 8" O.C. x 13'-0" BOTTOM	
⑦	#4 @ 12" O.C. x 16'-0" TOP (2 1/2" DIA.)	
⑧	#5 @ 8" O.C. TOP (SEE NOTE 5)	
⑨	#5 @ 8" O.C. TOP (SEE NOTE 5)	
⑩	#4 @ 10" O.C. BOTTOM (SEE NOTE 5)	

NOTES:

- REINFORCEMENT IS NOTED HIGHS OR IN PLANS.
- TYPICAL CLEAR COVER FOR ALL TOP BARS SHALL BE 2" UNLESS OTHERWISE NOTED.
- TYPICAL CLEAR COVER FOR ALL BOTTOM BARS SHALL BE 1".
- SEE REINFORCING STEEL NOTE 14 ON DRAWING 3002 FOR ENCRY-COATED REINFORCING STEEL REQUIREMENTS.
- LENGTH OF REINFORCING MARKS. SEE A/5303 FOR DIMENSIONS.



SHEET NO. **S102A**

SHEET TITLE
FIRST FLOOR SLAB REINFORCING PLAN

DESIGN DATE: 01/23/08
DESIGN PROJECT NO: 07097
DESIGN DRAWN BY: SVC
CHECKED BY: JMP

CERTIFIED BY: *[Signature]*
PROFESSIONAL ENGINEER
STATE OF INDIANA
No. 100000000
FINK ROBERTS & PETRIE, INC.

REVISION DATE: 02-04-08
REVISION DESCRIPTION: ADDENDUM NO. 1

100% Construction Documents
January 23, 2008

Walker Parking Consultants
6047 East 79th Street, Suite 210
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317.848.8880

City of South Bend, Indiana

FINK ROBERTS & PETRIE, INC.
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Eddy Street Commons
Phase II
Parking Garage
Project Number 108-004

Commission Manager:
Kirk Keally Group
38 South American Street, Suite 110
Indianapolis, Indiana 46204
317.577.6000

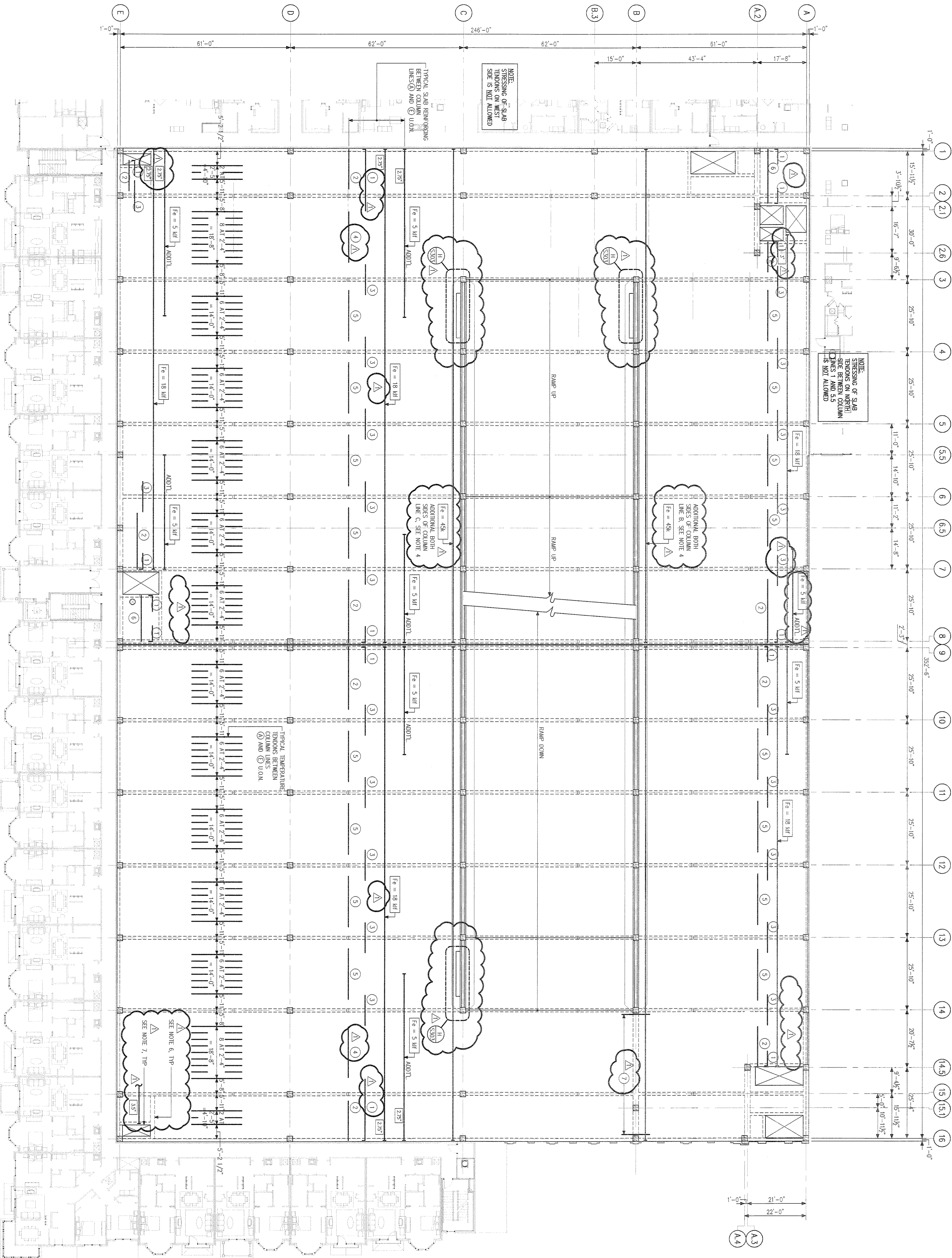
Structural Engineer:
Fink, Roberts & Petrie, Inc.
4040 Vincennes Circle, Suite 350
Indianapolis, Indiana 46226
317.577.6000

Architect:
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1725 North Park Avenue, Suite 100
Indianapolis, Indiana 46202
901.821.1440

Mechanical, Electrical & Plumbing Engineer:
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Professional Engineer:
Walker Parking Consultants
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City Engineer:
The Traylor Group
500 Union Street
Mishawaka, Indiana 46554
574.265.9910



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

POST-TENSIONED SLAB NOTES:

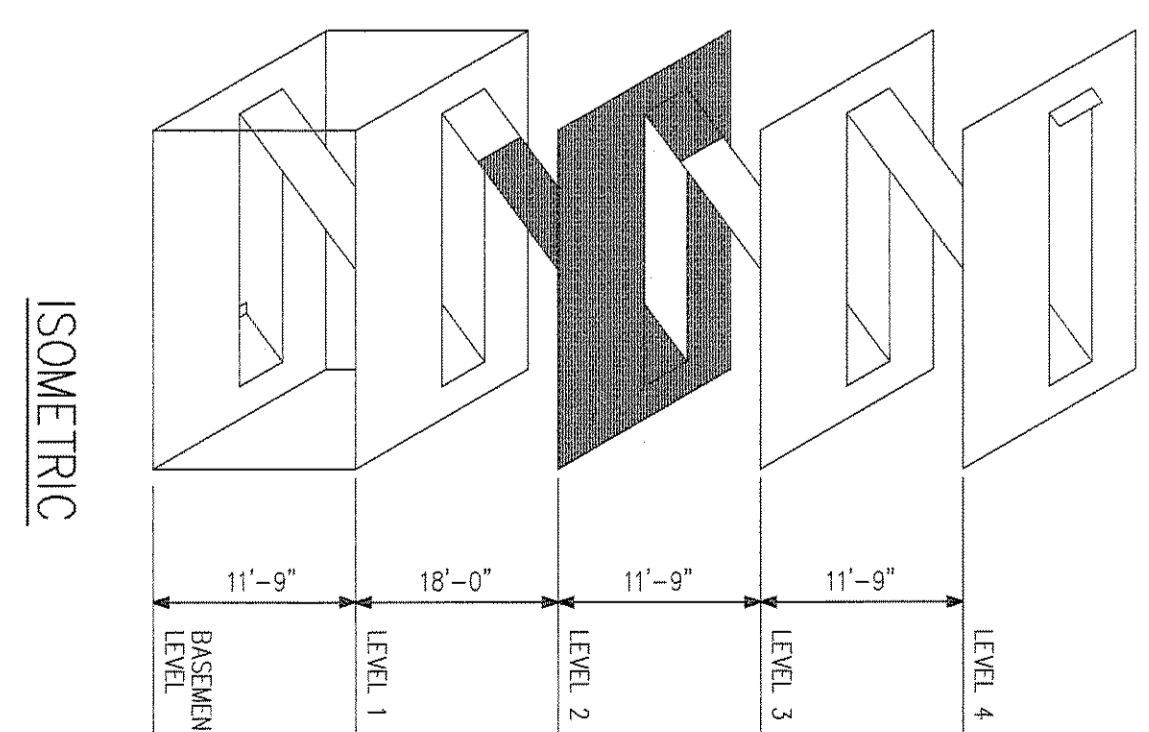
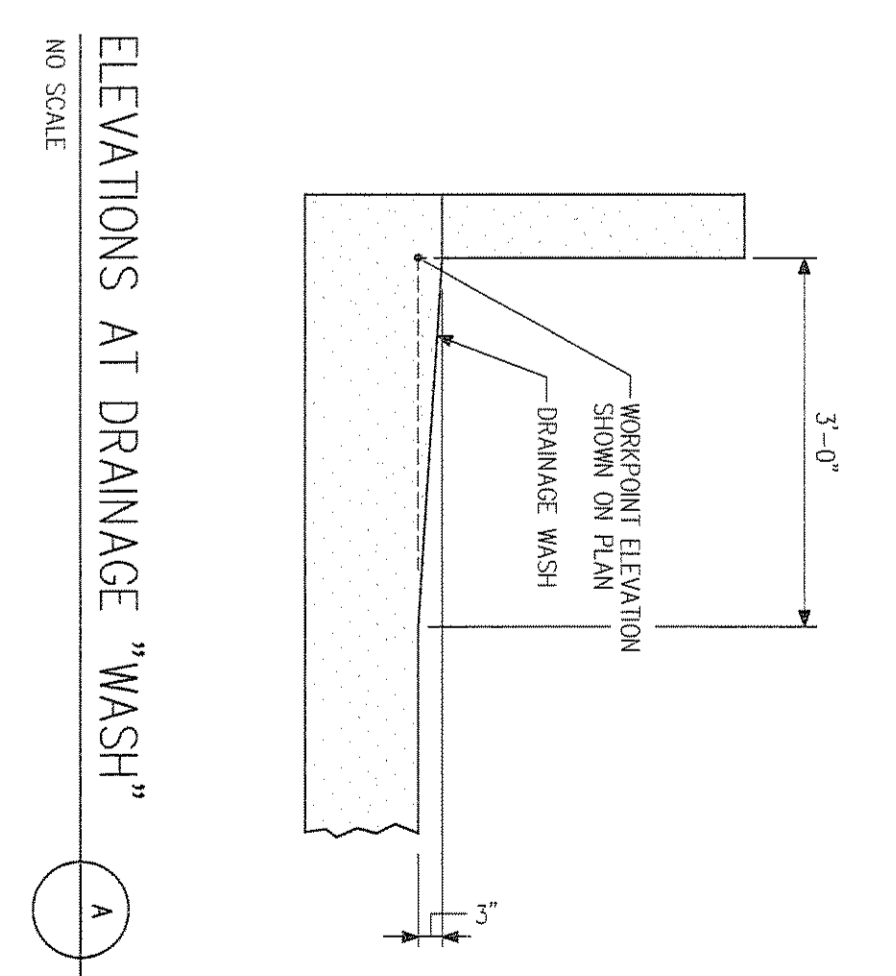
- FOR POST-TENSIONED SLAB DETAILS, SEE DRAWING 3002.
- C.C.S. OF SLAB TENDONS FROM BOTTOM OF SLAB SHALL BE AS FOLLOWS AT SUPPORTS: 1:37
AT MID-SPAN: 1:25
UNLESS OTHERWISE INDICATED ON THE PLAN THIS SHALL BE "X".
- INDICATES SLAB REINFORCEMENT MARK, SEE POST-TENSIONED WELD STEEL REINFORCEMENT SCHEDULE ON THIS DRAWING.
- SLAB REINFORCEMENT SHOWN ON COLUMN LINES (A) AND (C) IS ADDITIONAL REINFORCEMENT AND SHALL BE PLACED WITHIN 3'-0" OF THE SLAB EDGE. ADDITIONAL STEEL REINFORCEMENT SHOWN, SEE APPLICABLE SECTION FOR ADDITIONAL WELD STEEL REINFORCEMENT.
- SEE DRAWING 3002 FOR CONCRETE, CURING AND GENERAL NOTES PERTAINING TO CONCRETE, POST-TENSIONED CONCRETE AND REINFORCEMENT STEEL.
- DRIVE 2 SLAB MAIN TENDONS INTO MID-DEPTH OF BEAM.
- DRIVE 1 SLAB TEMPORARY TENDON INTO MID-DEPTH OF BEAM.

POST-TENSIONED SLAB MILD STEEL REINFORCING SCHEDULE

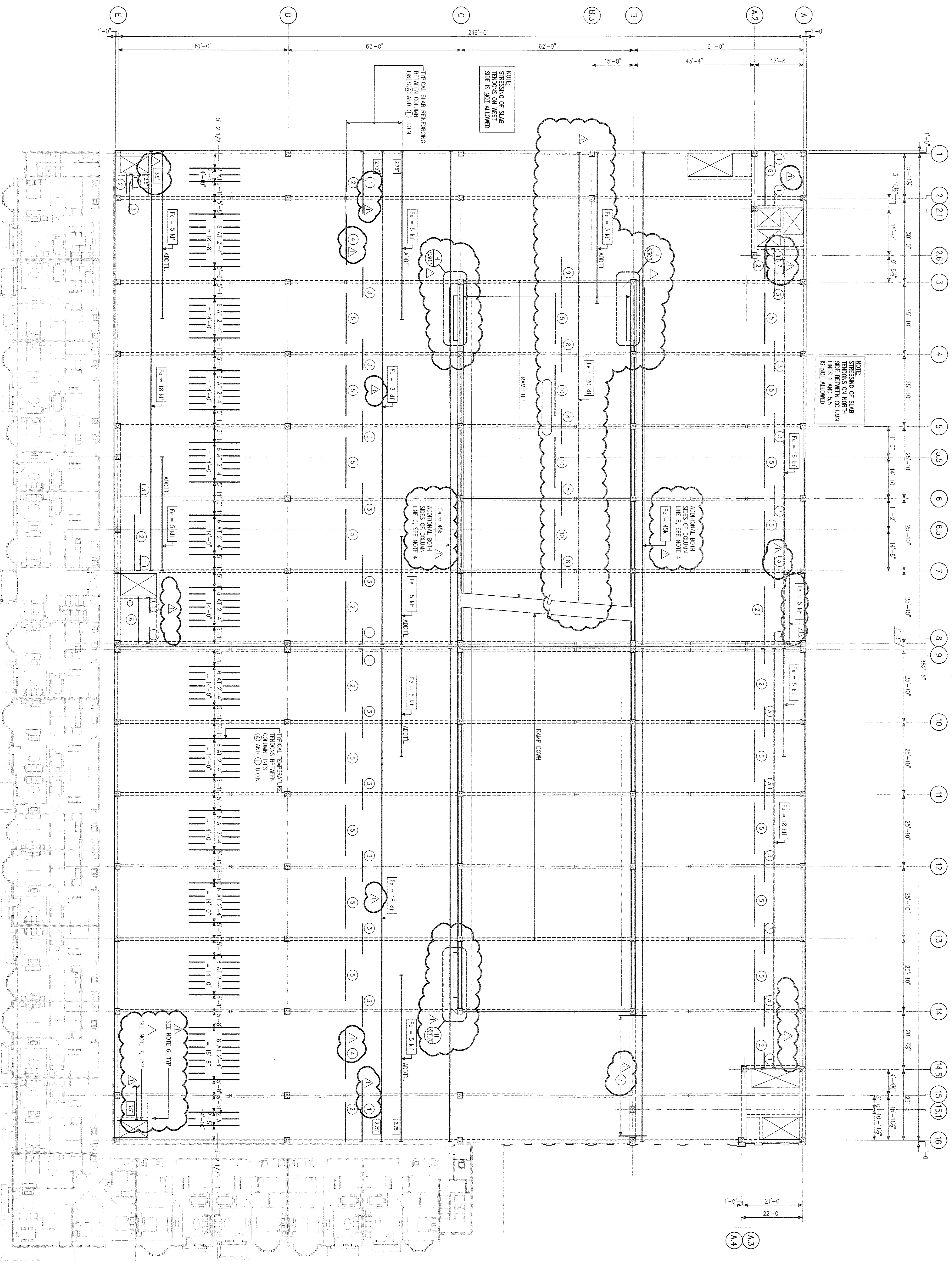
Callout	Reinforcing Schedule
(1)	#4 @ 12" O.C. TOP (SEE NOTE 5)
(2)	#4 @ 14" O.C. BOTTOM (SEE NOTE 5)
(3)	#4 @ 9" O.C. x 11'-6" TOP
(4)	#4 @ 14" O.C. x 15'-0" BOTTOM
(5)	#5 @ 8" O.C. (FULL LENGTH) BOTTOM
(6)	#4 @ 12" O.C. x 10'-0" TOP (2 1/2" CLR)
(7)	#5 @ 8" O.C. TOP (SEE NOTE 5)
(8)	#5 @ 8" O.C. TOP (SEE NOTE 5)
(9)	#4 @ 10" O.C. BOTTOM (SEE NOTE 5)
(10)	#4 @ 10" O.C. BOTTOM (SEE NOTE 5)

NOTES:

- REINFORCEMENT IS NOTED THIS WAY ON PLANS.
- TYPICAL CLEAR COVER FOR ALL TOP BARS SHALL BE 2" UNLESS OTHERWISE NOTED.
- TYPICAL CLEAR COVER FOR ALL BOTTOM BARS SHALL BE 1".
- SEE REINFORCING SCHEDULE 14 ON DRAWING 3007 FOR EPOXY-COATED REINFORCING STEEL REQUIREMENTS.
- LENGTH OF REINFORCING MARKS, SEE A/S303 FOR DIMENSIONS.



<p>SHEET NO. S103A</p> <p>SHEET TITLE SECOND FLOOR SLAB REINFORCING PLAN</p>	<p>DESIGN DATE: 01/23/08 DESIGN DRAWN BY: 07097 DESIGN CHECKED BY: SVC CHECKED BY: JMP</p>	<p>CERTIFIED BY: Jason M. Petrie</p>	<p>REVISION DATE: 02-04-08 REVISION DESCRIPTION: ADDENDUM NO. 1</p>	<p>100% Construction Documents January 23, 2008</p>	<p>Project: Eddy Street Commons Phase II Parking Garage Project Number: 108-004 City: South Bend, Indiana</p>	<p>Consultant Manager: Kate Keally Group 30 South Meridian Street, Suite 1100 South Bend, Indiana 46708 317.577.6800</p> <p>Structural Engineer: Fink, Roberts & Petrie, Inc. 4040 Vincennes Circle, Suite 300 Indianapolis, Indiana 46226 317.573.8400</p> <p>Architect: Looney Ricks Kiss 1725 Irving Plaza, Suite 600 New York, NY 10019 909.331.1440</p> <p>Mechanical, Electrical & Plumbing Engineer: Clark Design Group 5510 South East Street, Suite F Indianapolis, Indiana 46227 317.791.6200</p> <p>Posting Consultant: Walker Parking Consultants 6002 East 72nd Street, Suite 210 Indianapolis, Indiana 46226 317.462.8800</p> <p>Civil Engineer/Professional Architect: T.R. Turner Group 500 Lakeside Drive Mishawaka, Indiana 46544 572.259.9900</p>	<p>FINK ROBERTS & PETRIE, INC. Consulting Engineers 4040 Vincennes Circle Suite 300 Indianapolis, Indiana 46226</p>
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△ THIRD FLOOR REINFORCING PLAN
1/8" = 1'-0"

POST-TENSIONED SLAB NOTES:

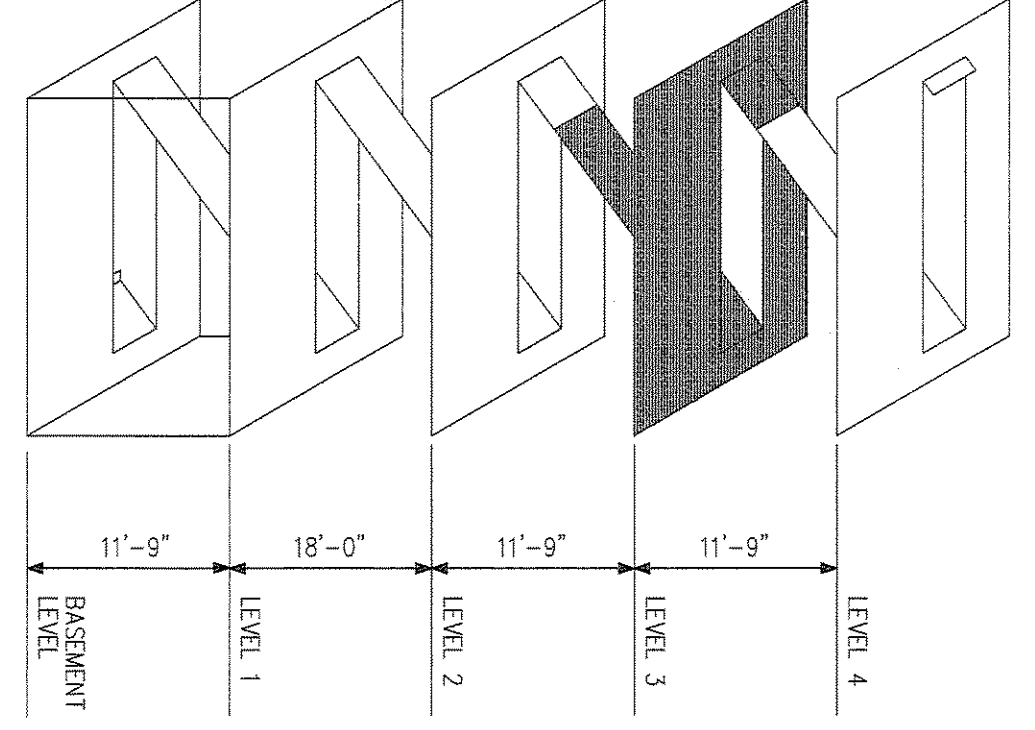
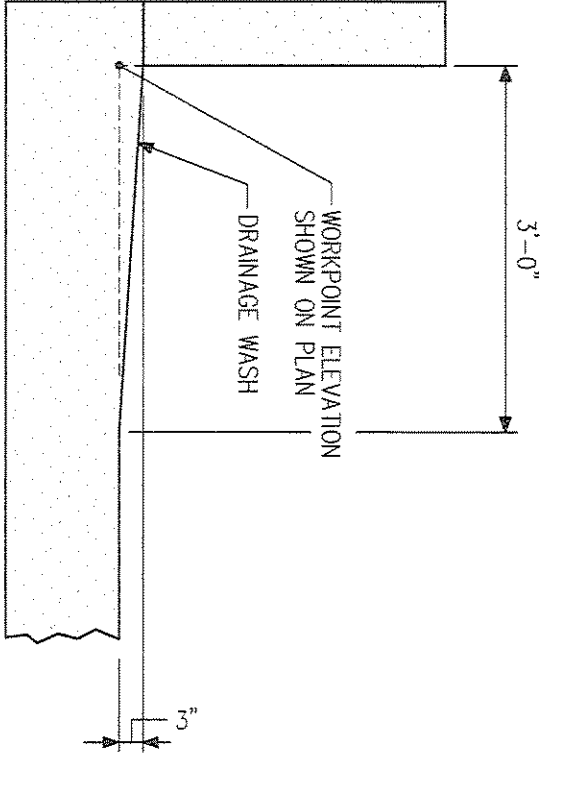
- FOR POST-TENSIONED SLAB DETAILS, SEE DRAWING S303.
- C.C.S. OF SLAB TENDONS FROM BOTTOM OF SLAB SHALL BE AS FOLLOWS:
AT BEAM END: 3.5"
AT SPANNERS: 4.75"
AT MID-SPAN: 1.25"
UNLESS OTHERWISE INDICATED ON THE PLAN THUS: [X"]
- ② INDICATES SLAB REINFORCEMENT MARK. SEE POST-TENSIONED MILD STEEL REINFORCEMENT SCHEDULE ON THIS DRAWING.
- SLAB REINFORCEMENT SHOWN ON COLUMN LINES ③ AND ④ IS ADDITIONAL REINFORCEMENT AND SHALL BE PLACED WITHIN 3'-0" OF THE SLAB EDGE. ADDITIONAL STEEL REINFORCEMENT: SEE PHYSICAL SECTION FOR REBARVAL AND REINFORCEMENT.
- SEE DRAWING S202 FOR CONCRETE SPECIFIC AND GENERAL NOTES PERTAINING TO CONCRETE, POST-TENSIONED CONCRETE AND REINFORCING STEEL.
- GRADE 2 SLAB MAIN TENDONS INTO MID-DEPTH OF BEAM.
- GRADE 1 SLAB TEMPERATURE TENDON INTO MID-DEPTH OF BEAM.

△ POST-TENSIONED SLAB MILD STEEL REINFORCING SCHEDULE

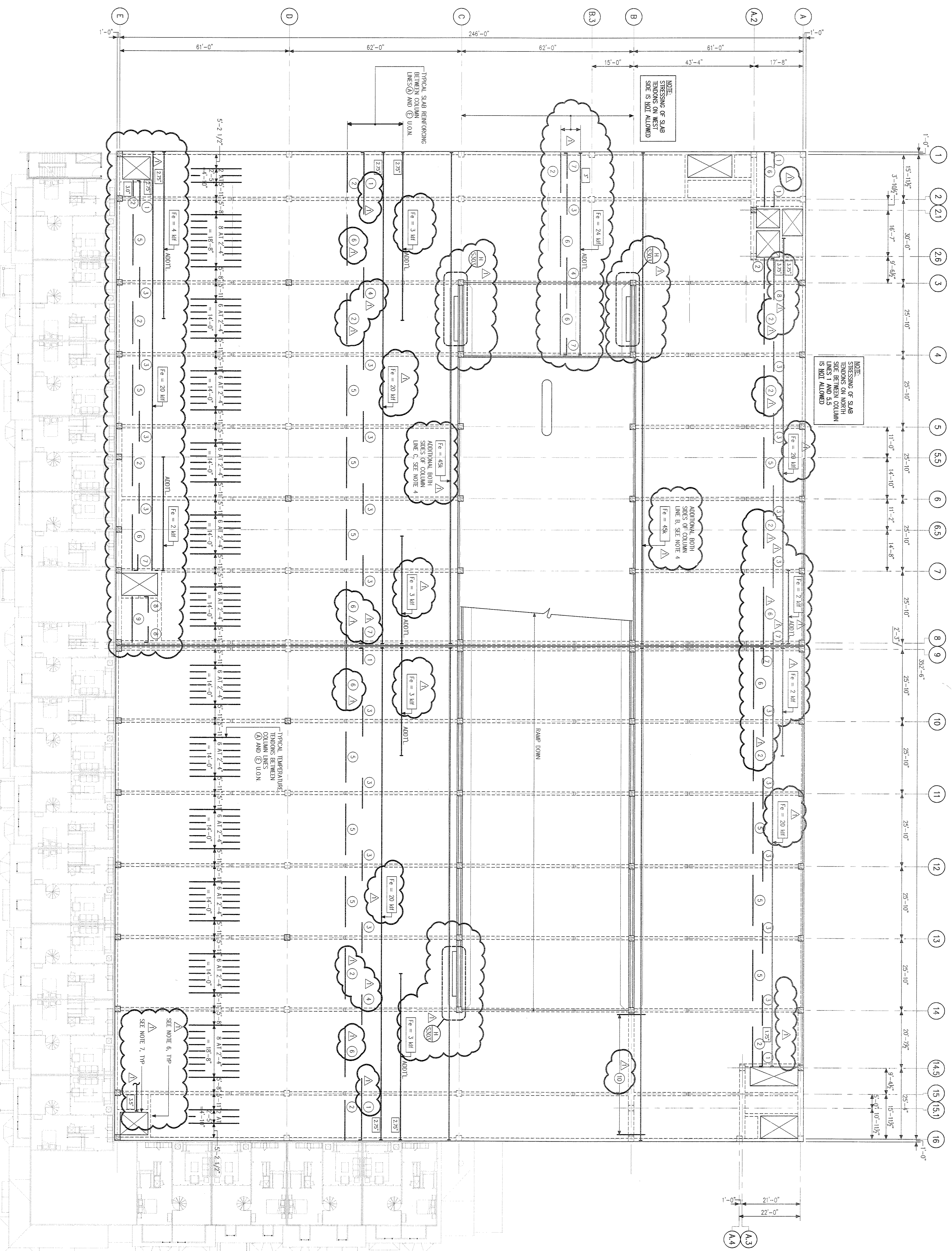
①	#4 @ 14" O.C. TOP (SEE NOTE 5)
②	#4 @ 14" O.C. BOTTOM (SEE NOTE 5)
③	#4 @ 9" O.C. x 11'-6" TOP
④	#4 @ 14" O.C. x 15'-0" BOTTOM
⑤	#4 @ 14" O.C. x 13'-0" BOTTOM
⑥	#5 @ 8" O.C. (FULL LENGTH) BOTTOM
⑦	#4 @ 12" O.C. x 11'-0" TOP (2 1/2" DIA.)
⑧	#5 @ 8" O.C. TOP (SEE NOTE 5)
⑨	#5 @ 8" O.C. TOP (SEE NOTE 5)
⑩	#4 @ 10" O.C. BOTTOM (SEE NOTE 5)

NOTES:

- REINFORCEMENT IS NOTED THUS: [O] IN PLANS.
- TYPICAL CLEAR COVER FOR ALL TOP BARS SHALL BE 2" UNLESS OTHERWISE NOTED.
- TYPICAL CLEAR COVER FOR ALL BOTTOM BARS SHALL BE 1".
- SEE REINFORCING STEEL NOTE 14 ON DRAWING S202 FOR ENVOY-COATED REINFORCING STEEL REQUIREMENTS.
- LENGTH OF REINFORCING BARS: SEE A/S303 FOR DIMENSIONS.



△ ELEVATIONS AT DRAINAGE "WASH"
NO SCALE



△ FOURTH FLOOR REINFORCING PLAN
1/16"=1'-0"

POST-TENSIONED SLAB NOTES:

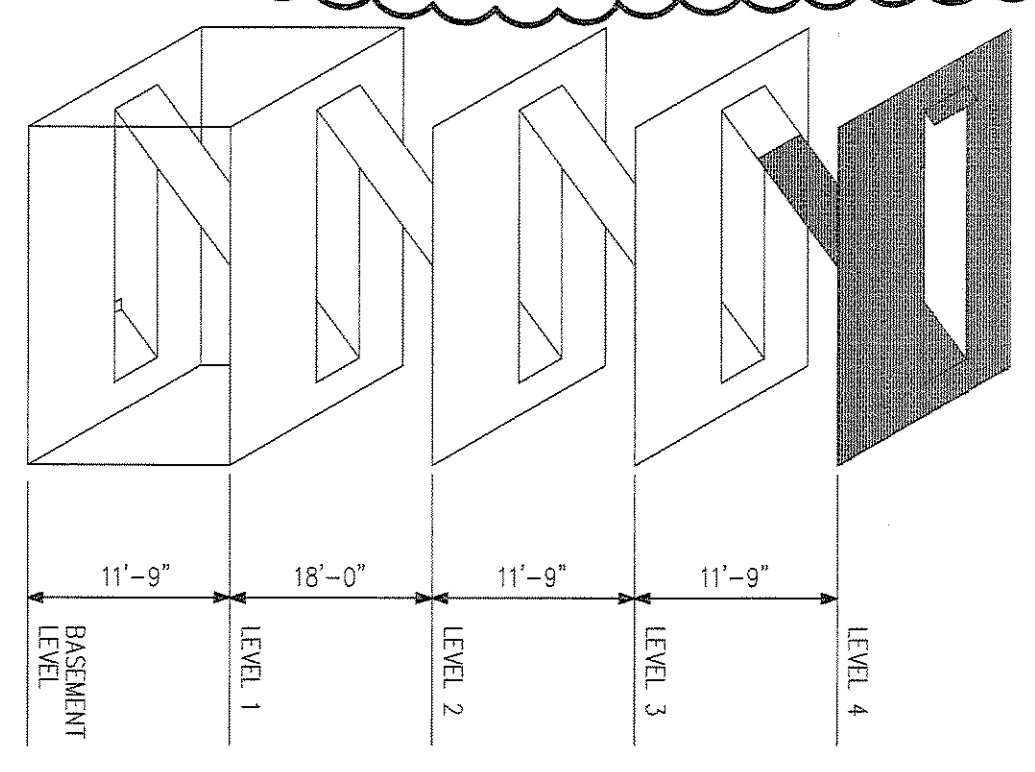
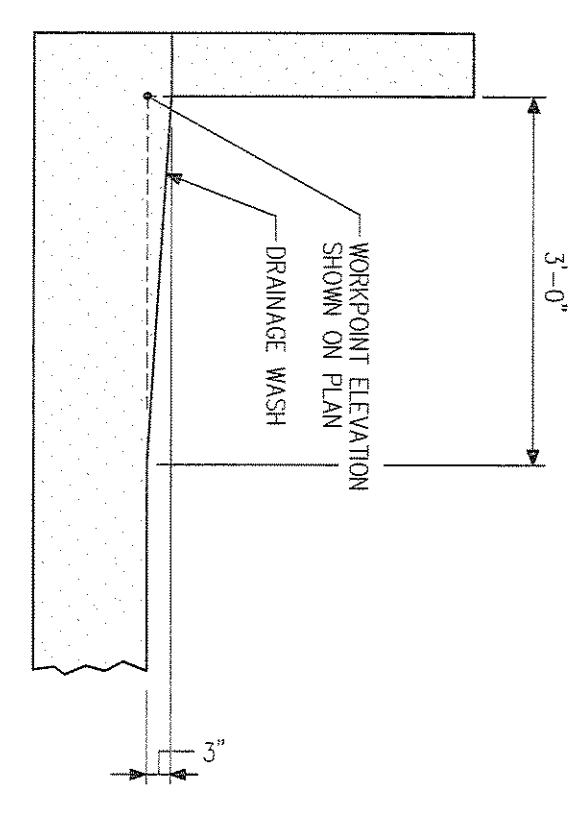
- FOR POST-TENSIONED SLAB DETAILS, SEE DRAWING S001.
- C.C.S. OF SLAB TENDONS FROM BOTTOM OF SLAB SHALL BE AS FOLLOWS:
AT SUPPORTS: 4.5"
AT HEAD END AND STRESSING ENDS: 3.5"
UNLESS OTHERWISE INDICATED ON THE PLAN TRIMS: X
- ② INDICATES SLAB REINFORCEMENT MARK. SEE POST-TENSIONED MILD STEEL REINFORCEMENT SCHEDULE ON THIS DRAWING.
- SLAB REINFORCEMENT SHOWN ON COLUMN LINES ⑧ AND ⑩ IS ADDITIONAL POST-TENSIONING AS SHOWN. SEE APPLICABLE SECTION FOR ADDITIONAL MILD STEEL REINFORCEMENT.
- SEE DRAWING S002 FOR CONCRETE SCHEDULE AND GENERAL NOTES PERTAINING TO CONCRETE, POST-TENSIONED CONCRETE AND REINFORCING STEEL.
- GRADE 2 SLAB MAIN TENDONS INTO MID-DEPTH OF BEAM.
- GRADE 1 SLAB TEMPERATURE TENDON INTO MID-DEPTH OF BEAM.

△ POST-TENSIONED SLAB MILD STEEL REINFORCING SCHEDULE

①	#4 @ 6" O.C. TOP
②	#4 @ 14" O.C. BOTTOM
③	#4 @ 8" O.C. TOP
④	#4 @ 6" O.C. TOP
⑤	#4 @ 10" O.C. BOTTOM
⑥	#4 @ 6" O.C. BOTTOM
⑦	#4 @ 14" O.C. TOP
⑧	#4 @ 12" O.C. TOP
⑨	#4 @ 6" O.C. BOTTOM
⑩	#4 @ 12" O.C. x 10'-0" TOP (1/2' CLEAR)

NOTES:

- REINFORCEMENT IS NOTED THUS ○ ON PLANS.
- TYPICAL CLEAR COVER FOR ALL TOP BARS SHALL BE 2" UNLESS OTHERWISE NOTED.
- TYPICAL CLEAR COVER FOR ALL BOTTOM BARS SHALL BE 1".
- SEE REINFORCING STEEL NOTE 14 ON DRAWING S002 FOR EPOXY-COATED REINFORCING STEEL REQUIREMENTS.
- LENGTH OF REINFORCING VARIES. SEE A.5203 FOR GUIDELINES.



ELEVATIONS AT DRAINAGE "WASH"
NO SCALE

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Indianapolis, Indiana 46220
317.848.0800

City Engineer/Inspector/Architect:
Eric Torrey Group
Michigan, Indiana 46534
317.848.0800

Project/Client:
Eddy Street Commons
Phase II
Parking Garage
Project Number: 108-004
City of South Bend, Indiana

Design Date: 01/23/08
Design Project No: 07097
Design Drawn By: SVC
Checked By: JMP

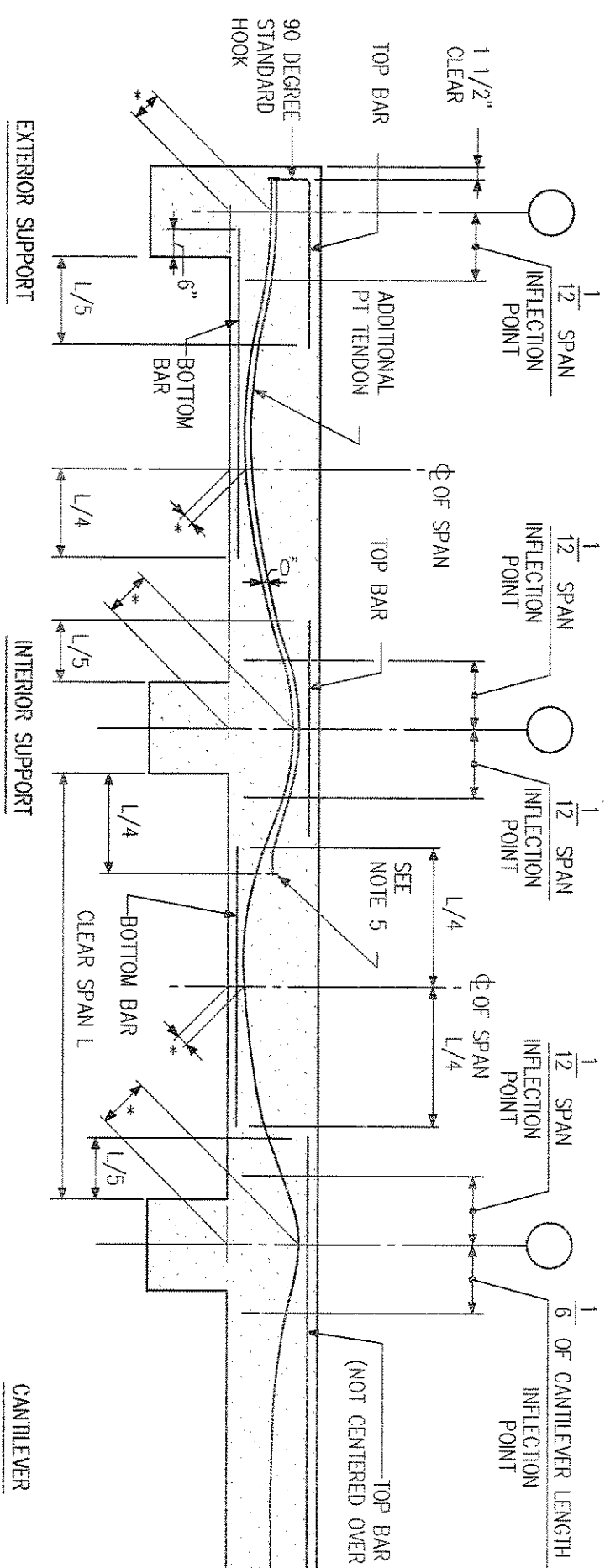
CERTIFIED BY:
JOSEPH M. PETRIE
Professional Engineer
No. 100000020
STATE OF INDIANA

REVISION DATE: 02-04-08
REVISION DESCRIPTION: ADDENDUM NO. 1

100% Construction Documents
January 23, 2008

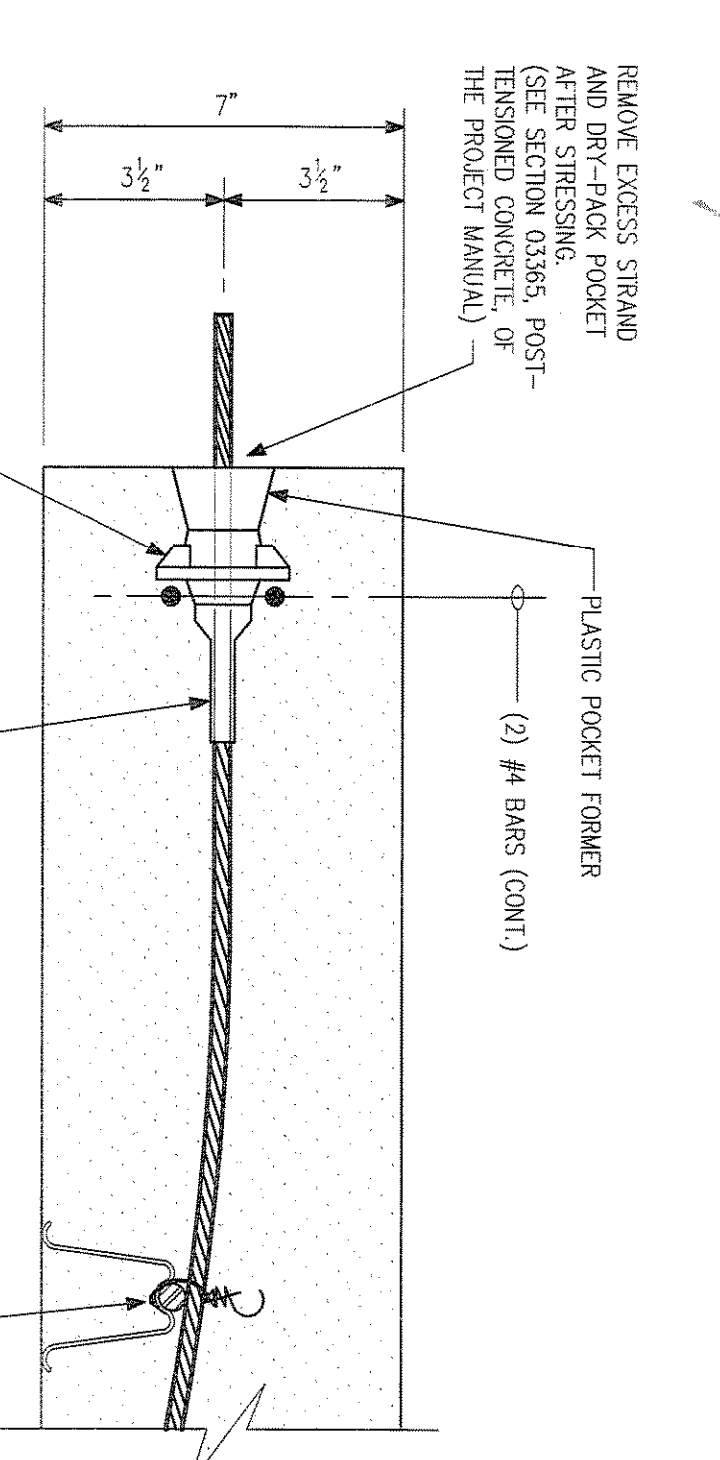
SHEET NO. **S105A**

SHEET TITLE:
FOURTH FLOOR SLAB REINFORCING PLAN



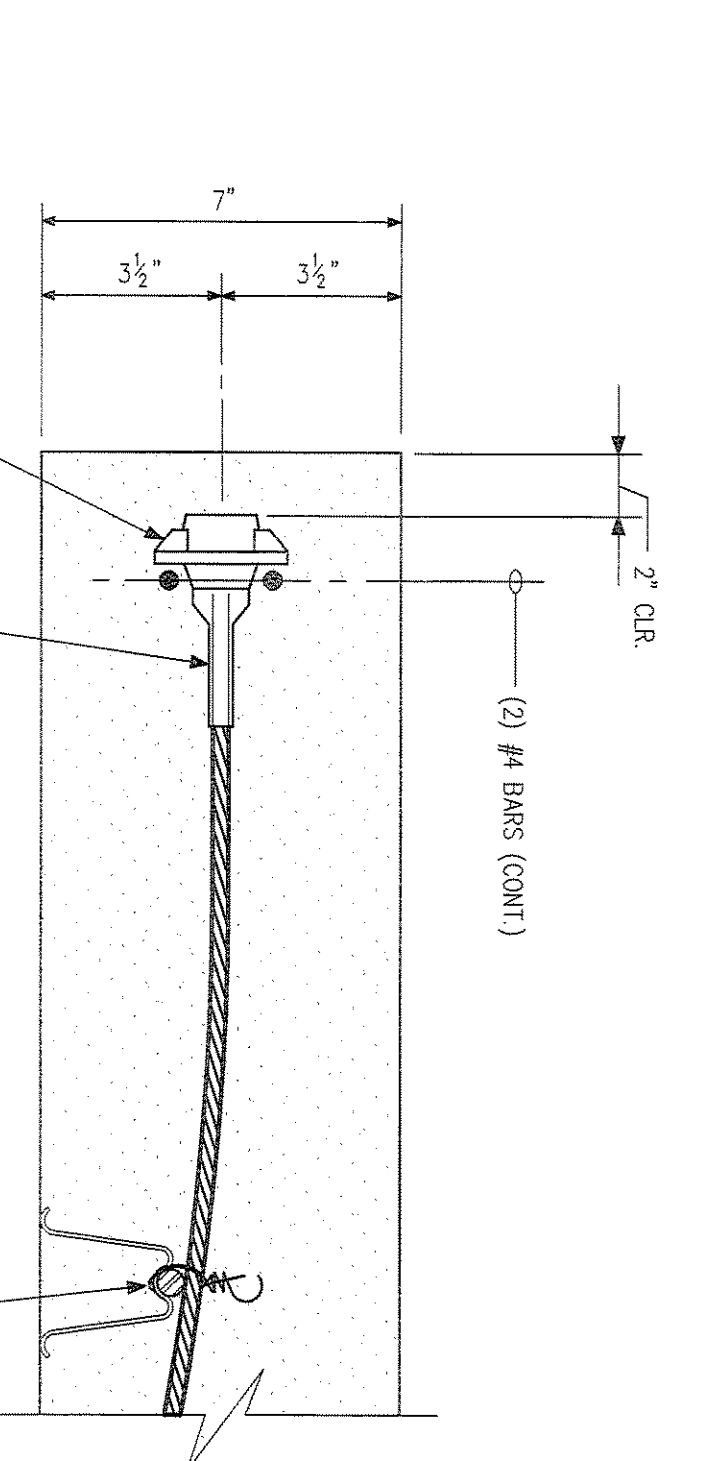
- NOTES:
- (+) DENOTES DISTANCE FROM BOTTOM OF SLAB TO CENTER OF TENDON. SEE POST-TENSIONING SLAB NOTES ON SLAB REINFORCEMENT PLANS.
 - TOP BAR CENTERED AT SUPPORT UNLESS OTHERWISE NOTED.
 - SPAN = INSTANT CENTER TO CENTER OF SUPPORTS.
 - TENDON END SHALL BE LOCATED AT MID-DEPTH OF SLAB.
 - FOR ADDITIONAL INFORMATION SEE E/S303 AND C/S303.

TYPICAL POST-TENSIONED SLAB DETAIL S303



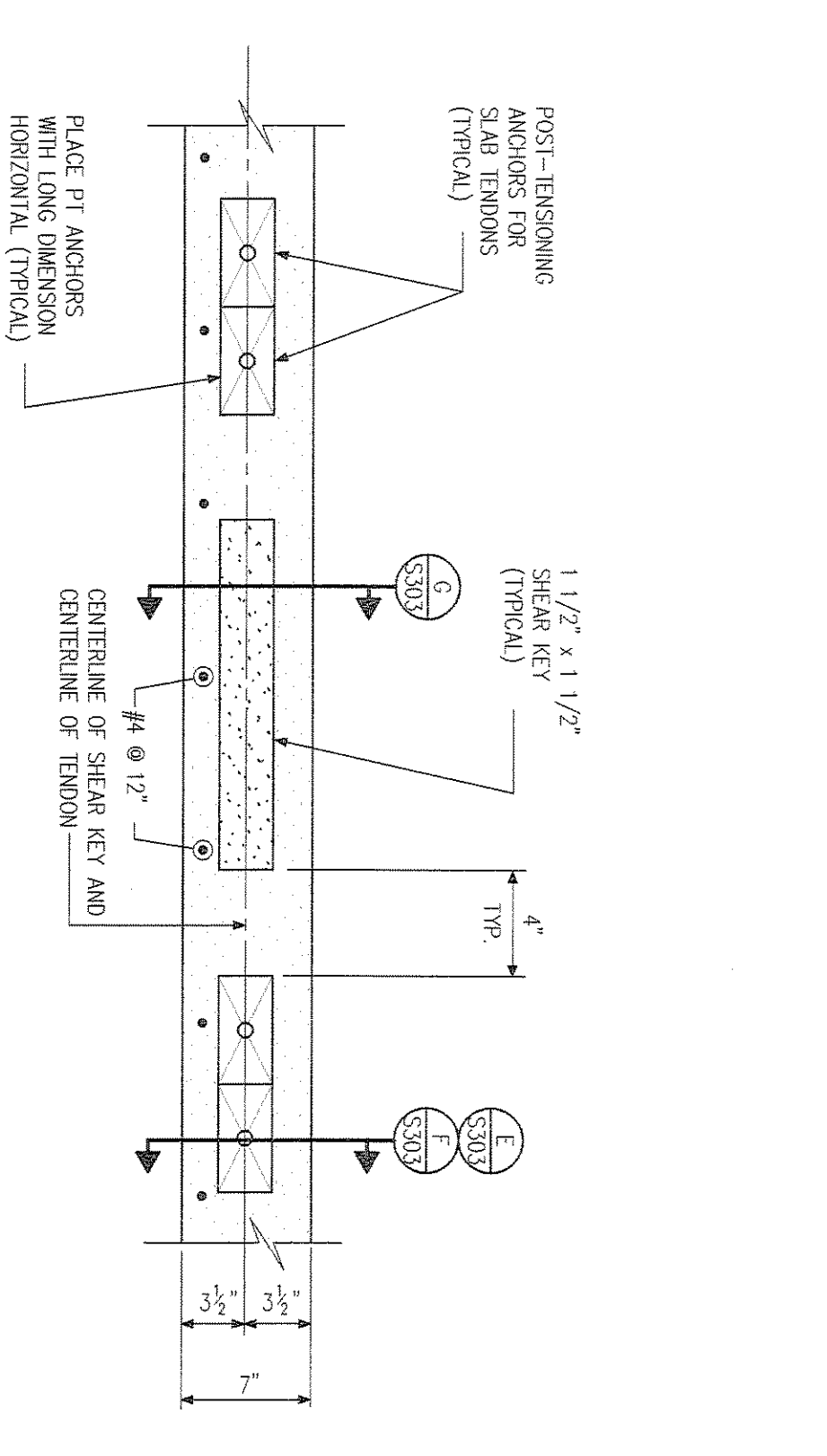
- REMOVE EXCESS STRAND AND REPAIR POCKET (SEE SECTION C3035, POST-TENSIONING MANUAL) OF THE PROJECT MANUAL.
- PLASTIC POCKET FORMER (2) #4 BARS (CONT.)
- CONCRETE PROTECTION SLEEVE PROVIDING A COMPLETE WATER-TIGHT SEAL. SEE SECTION C3035, POST-TENSIONING MANUAL.
- CONCRETE PROTECTION SLEEVE PROVIDING A COMPLETE WATER-TIGHT SEAL. SEE SECTION C3035, POST-TENSIONING MANUAL.
- STRAND ANCHOR
- TENSION SUPPORT - REBAR AND CHAIRS (TYPICAL)

TYPICAL DETAIL AT STRESSING END S303



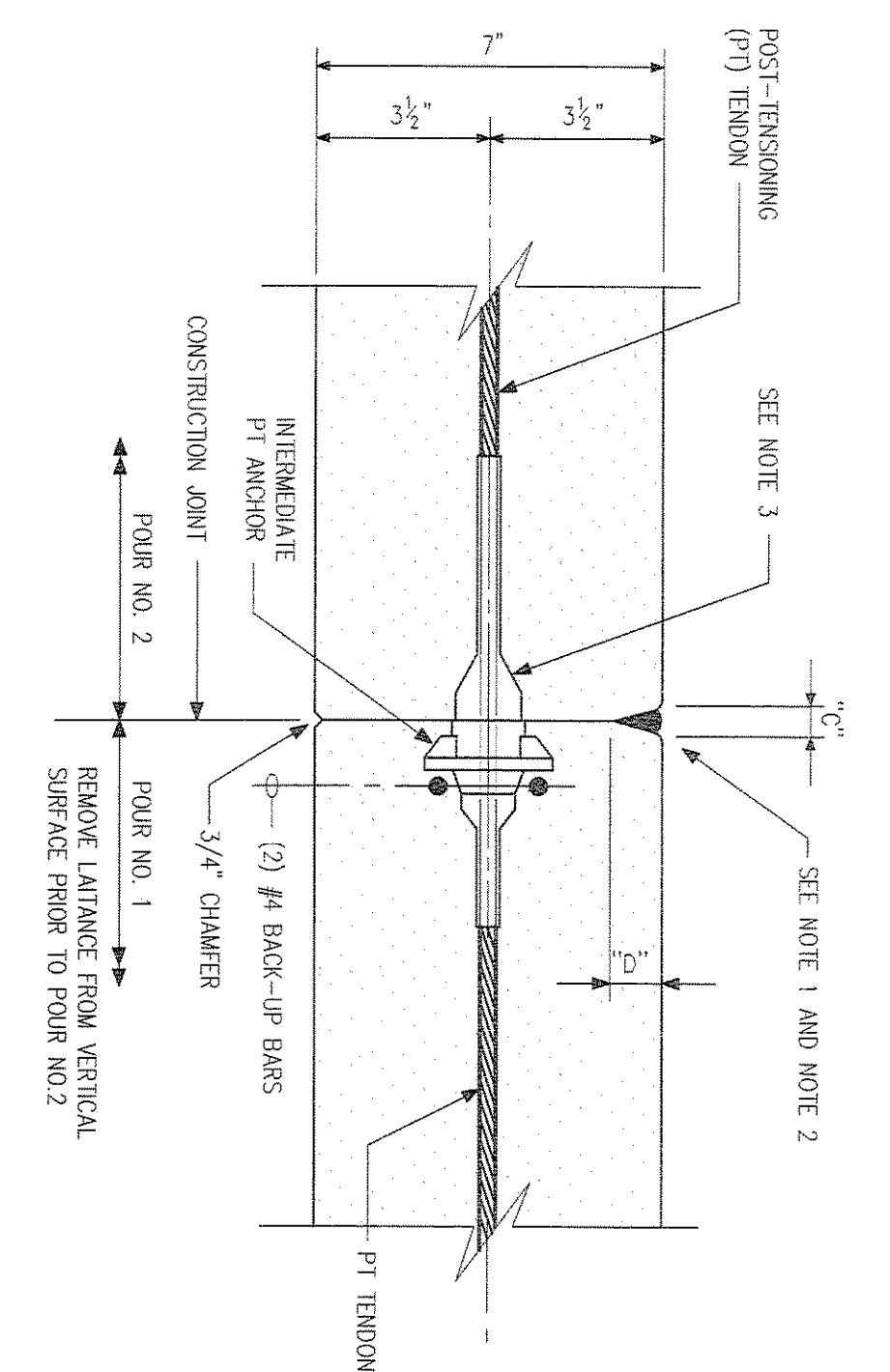
- CONCRETE PROTECTION SLEEVE PROVIDING A COMPLETE WATER-TIGHT SEAL. SEE SECTION C3035, POST-TENSIONING MANUAL.
- CONCRETE PROTECTION SLEEVE PROVIDING A COMPLETE WATER-TIGHT SEAL. SEE SECTION C3035, POST-TENSIONING MANUAL.
- RED STRAND ANCHOR
- TENSION SUPPORT - REBAR AND CHAIRS (TYPICAL)

TYPICAL DETAIL AT NON-STRESSING END S303



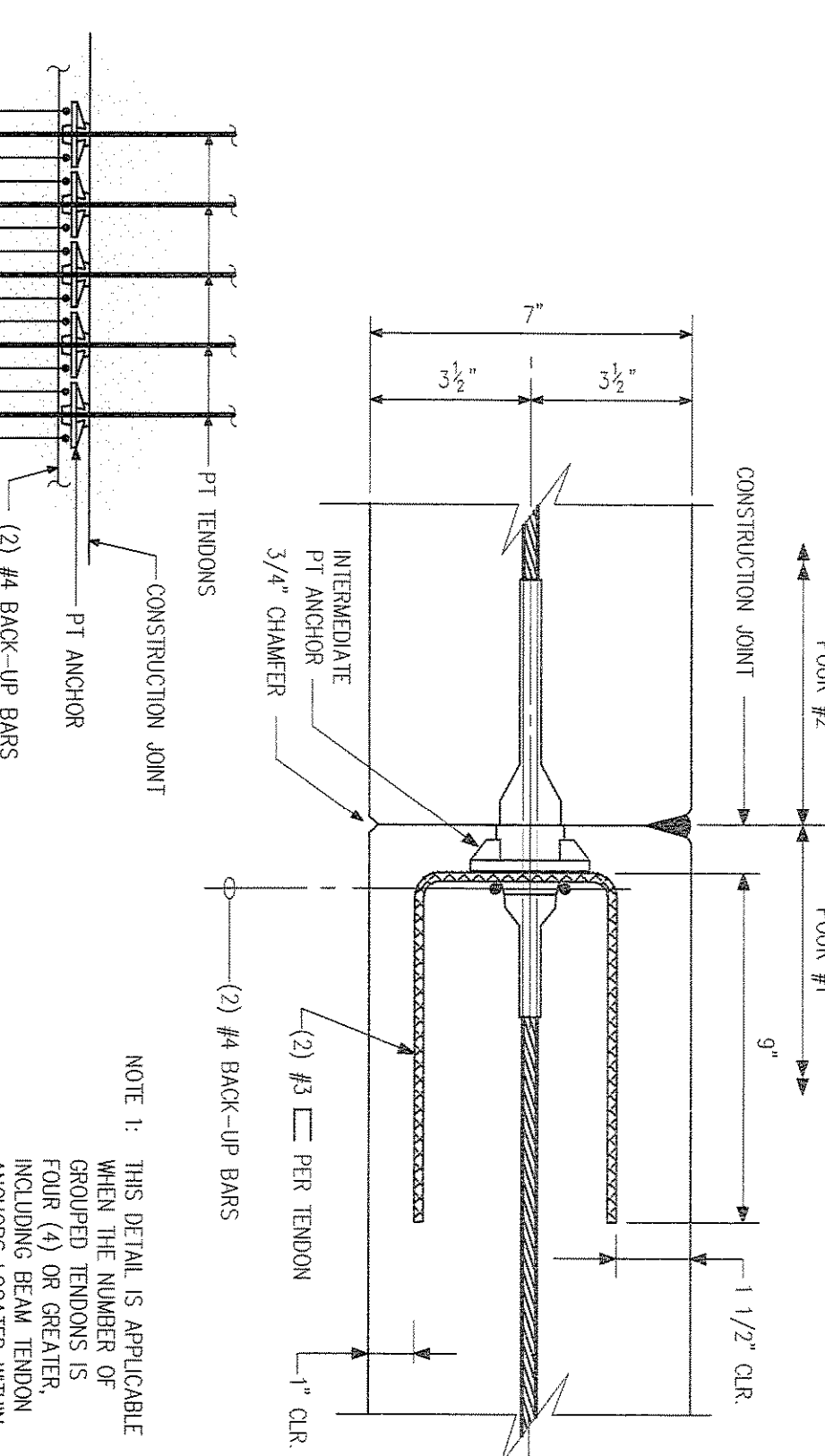
- NOTE:
- THIS DETAIL IS A LONGITUDINAL SECTION THROUGH A TYPICAL CONSTRUCTION JOINT IN THE POST-TENSIONED SLAB.

TYPICAL CONSTRUCTION JOINT DETAIL FOR POST-TENSIONED SLABS S303



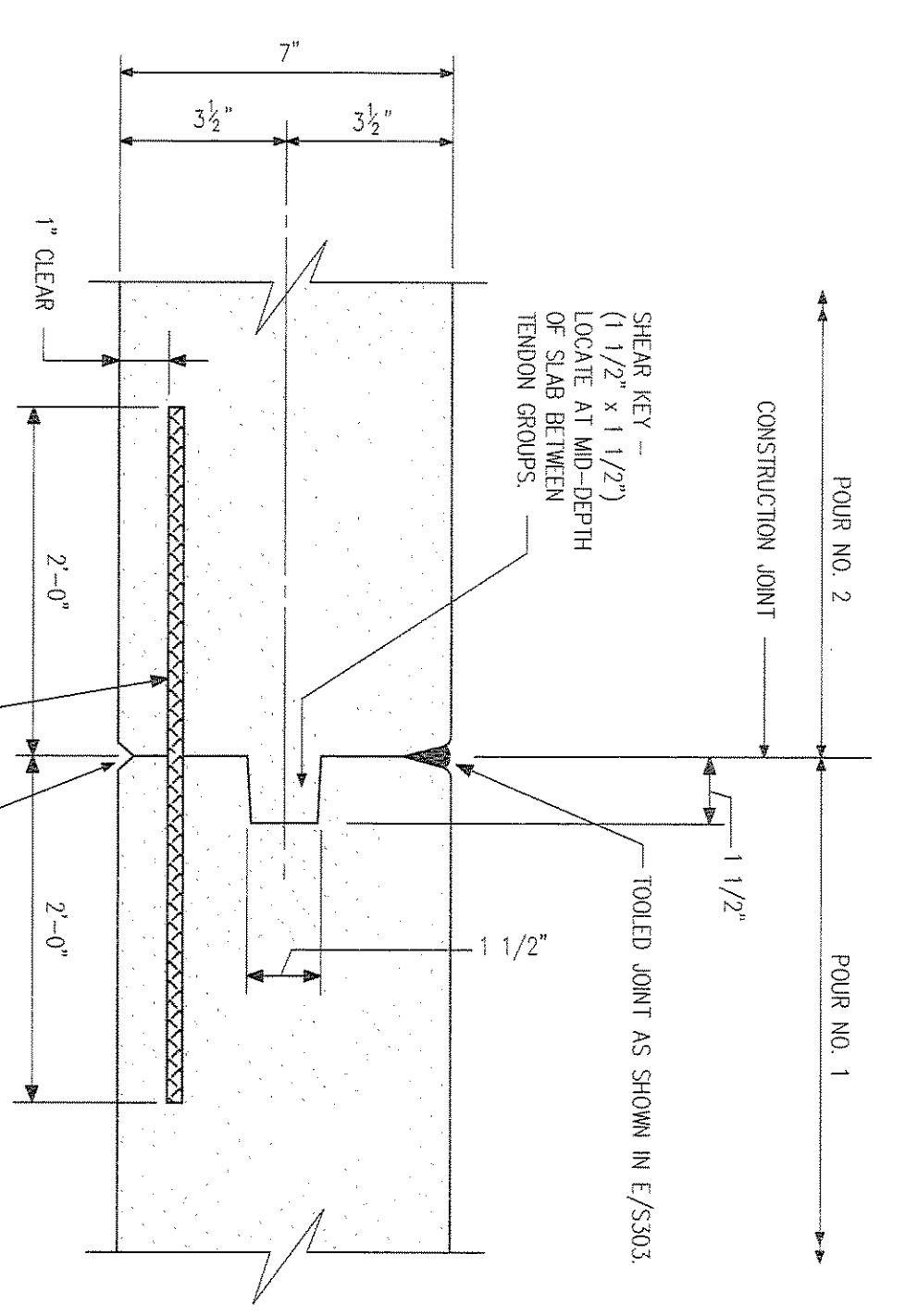
- NOTE 1: REMOVE TOUGH JOINT WITH BRUSHING, "C" AND "T" MARKS. GROOVE TYPE IN ACCORDANCE WITH SEALANT MANUFACTURER'S INSTRUCTIONS.
- NOTE 2: PREPARE AND SEAL JOINT AS SPECIFIED IN SECTION C710.
- NOTE 3: CONCRETE PROTECTION SLEEVE PROVIDING A COMPLETE WATER-TIGHT BACKUP/PROTECTION OF THE PRESSTRESSING STEEL. SEE SECTION C3035, POST-TENSIONING MANUAL.

TYPICAL CONSTRUCTION JOINT DETAIL S303

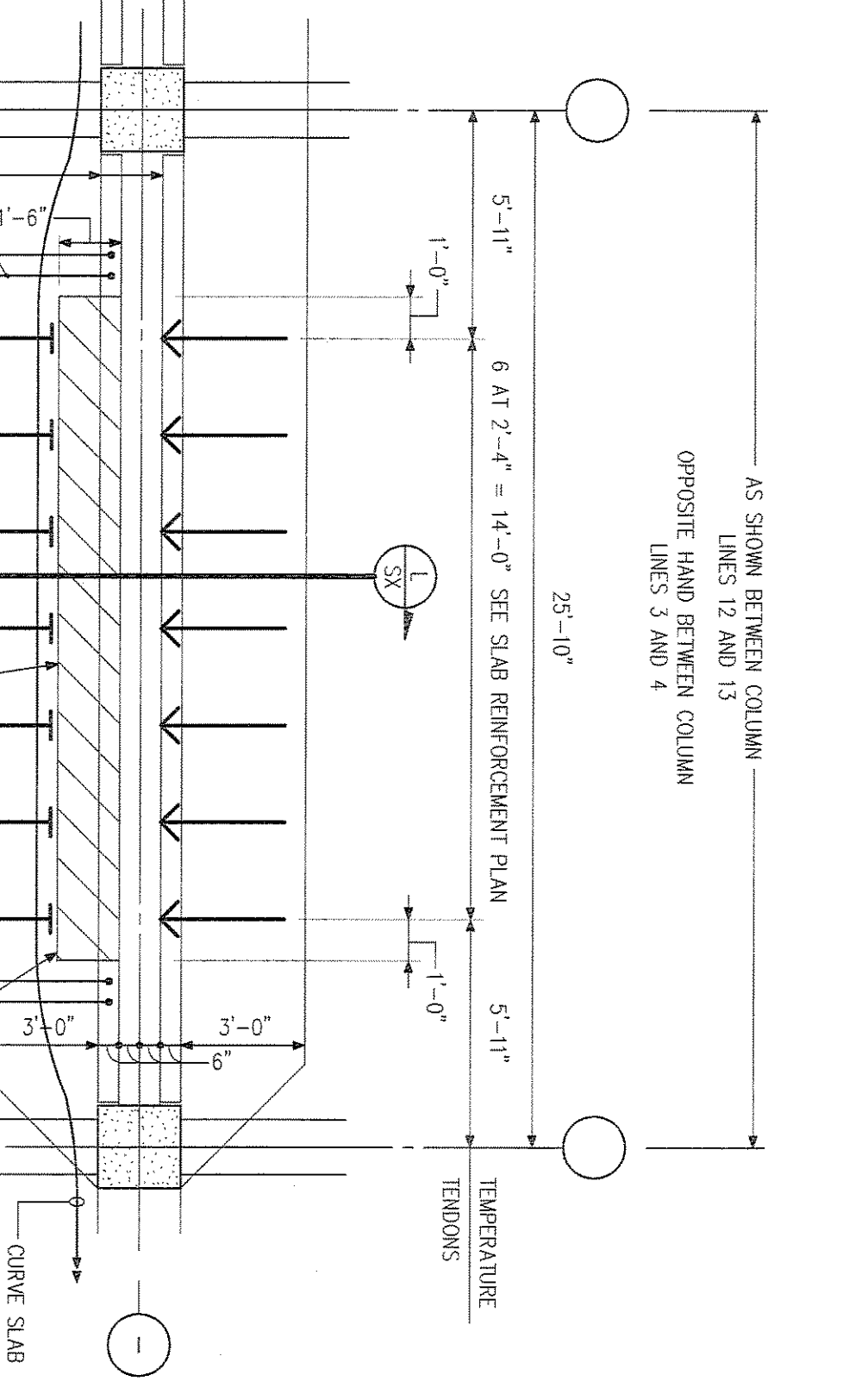


- NOTE 1: THIS DETAIL IS APPLICABLE WHEN THE NUMBER OF GROUPED TENDONS IS FROM (2) OR GREATER. TENDON ANCHORS LOCATED WITHIN THE SLAB.
- NOTE 2: FOR ADDITIONAL NOTES SEE DETAIL E/S303.

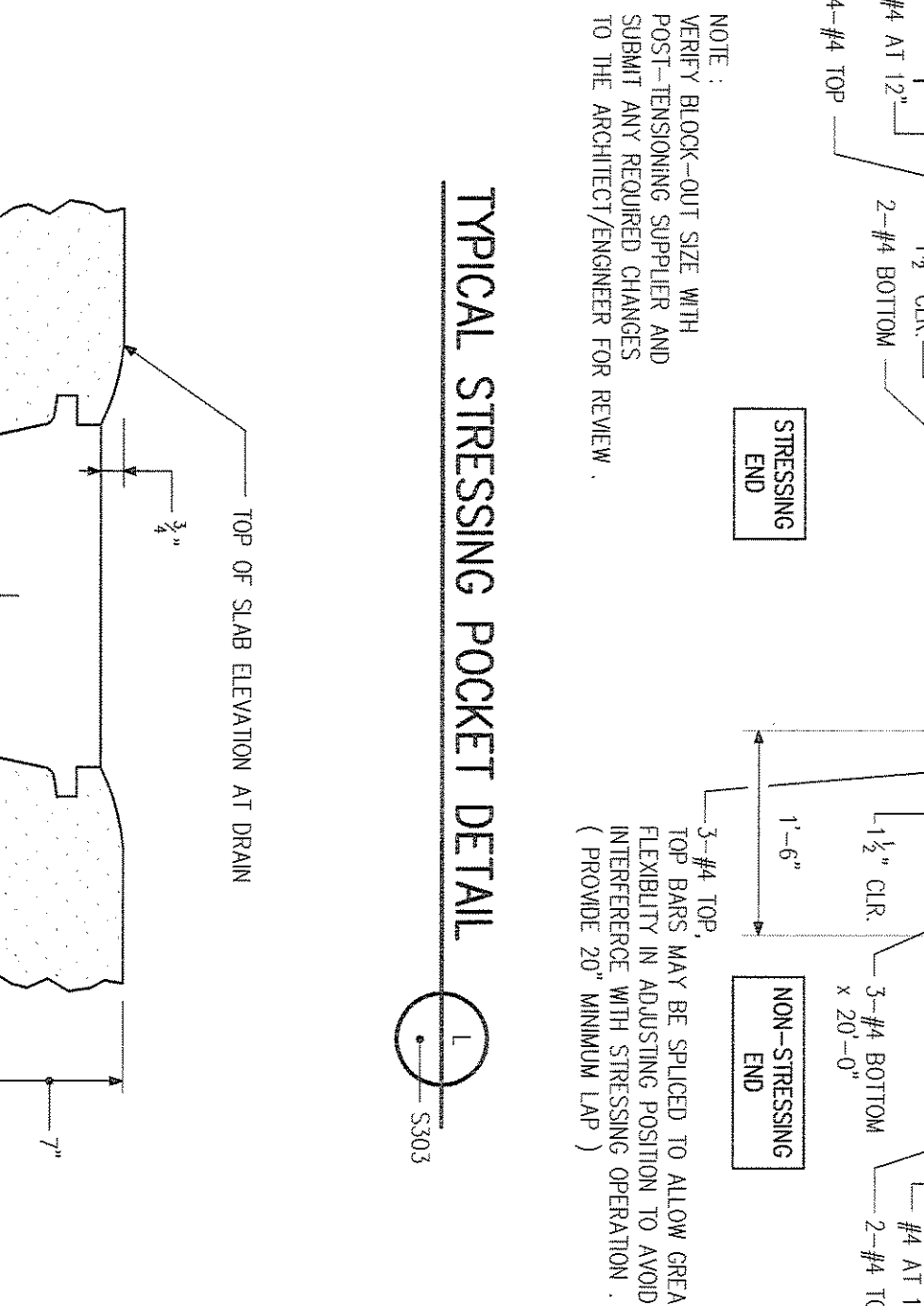
TYPICAL CONSTRUCTION JOINT DETAIL S303



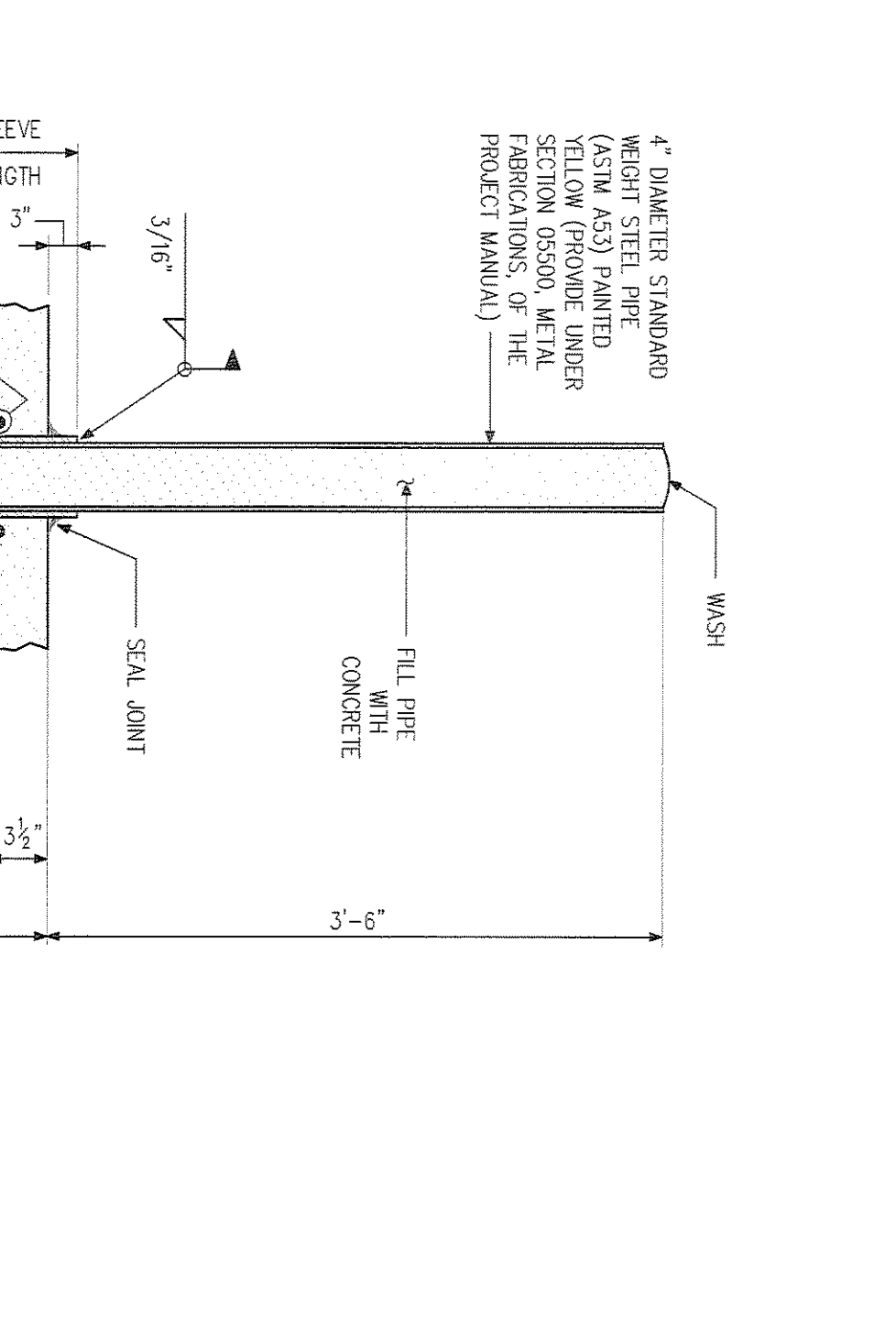
TYPICAL CONSTRUCTION JOINT DETAIL S303



TYPICAL STRESSING POCKET DETAIL S303



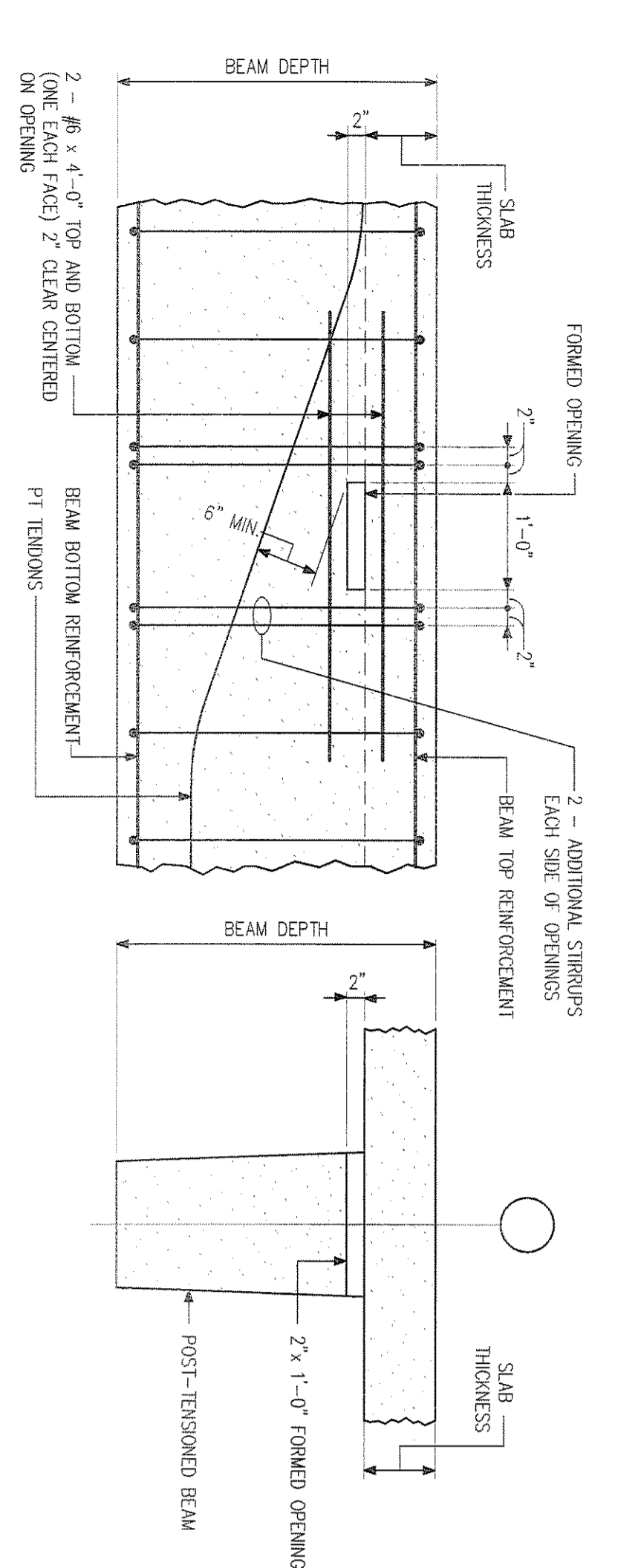
TYPICAL STRESSING POCKET DETAIL S303



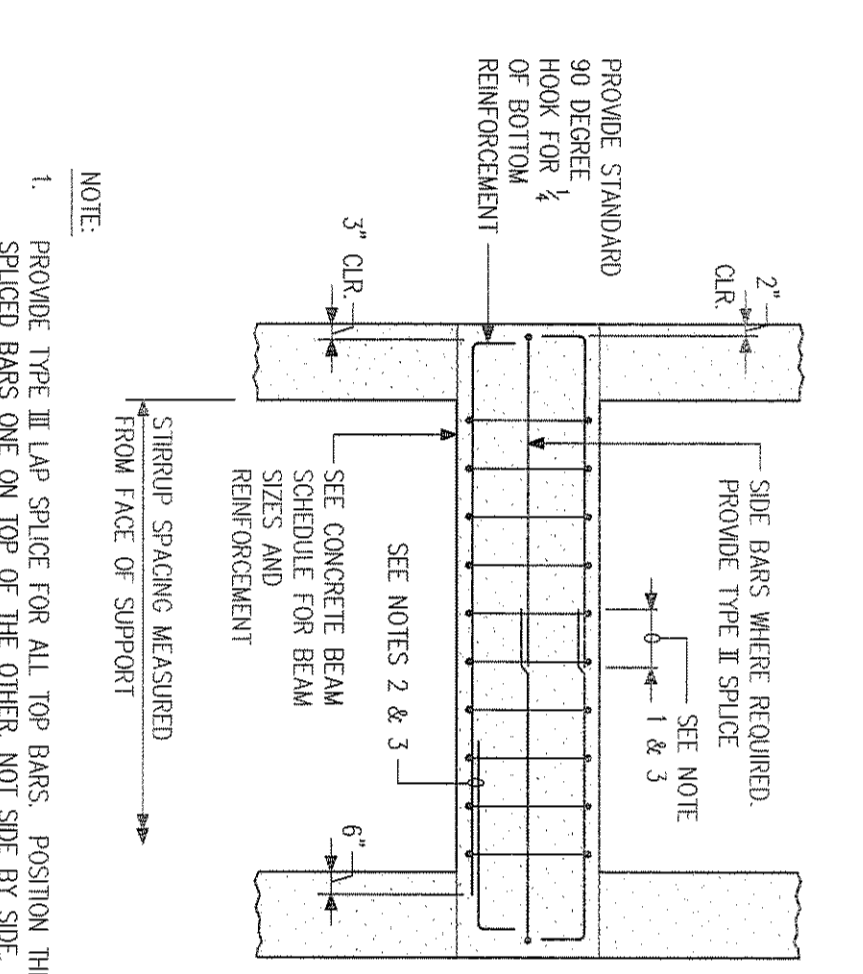
TYPICAL FLOOR DRAIN S303



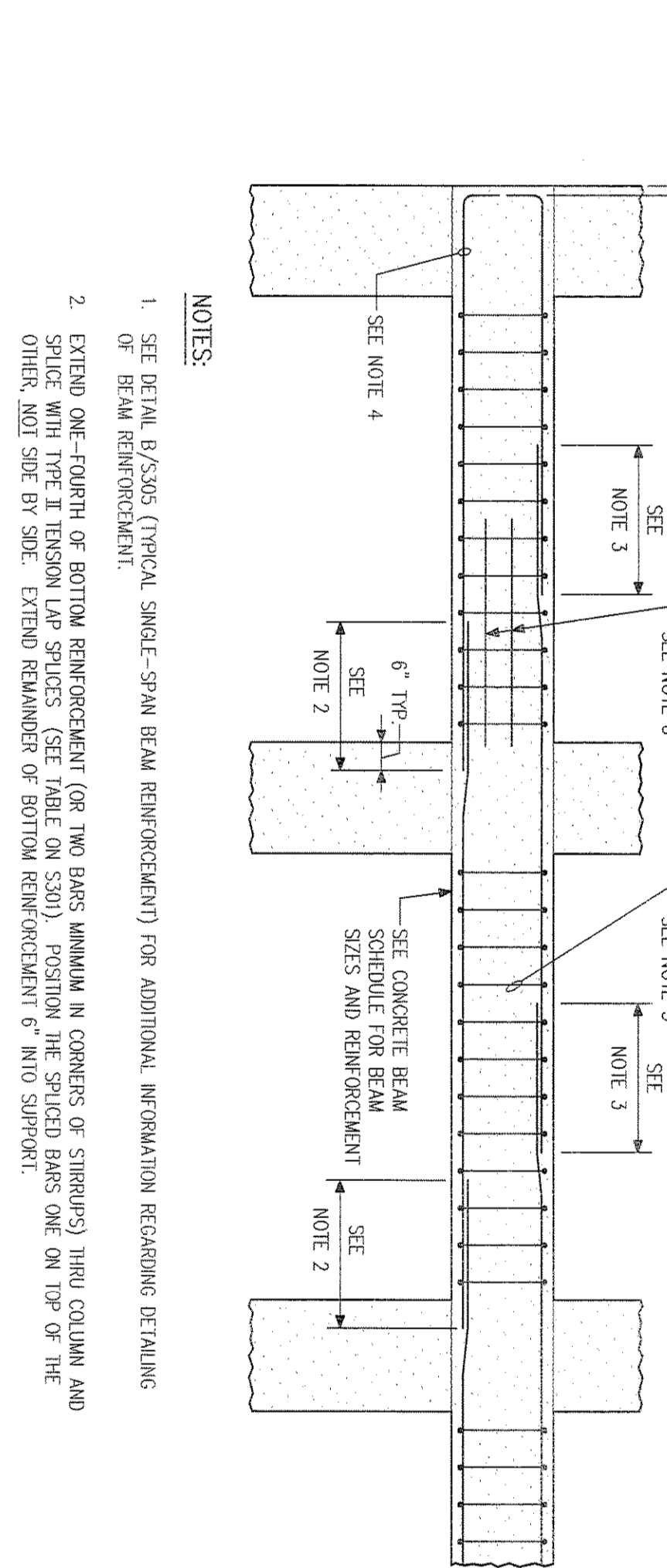
STANDARD BOLLARD DETAIL FOR POST-TENSIONED SLAB S303



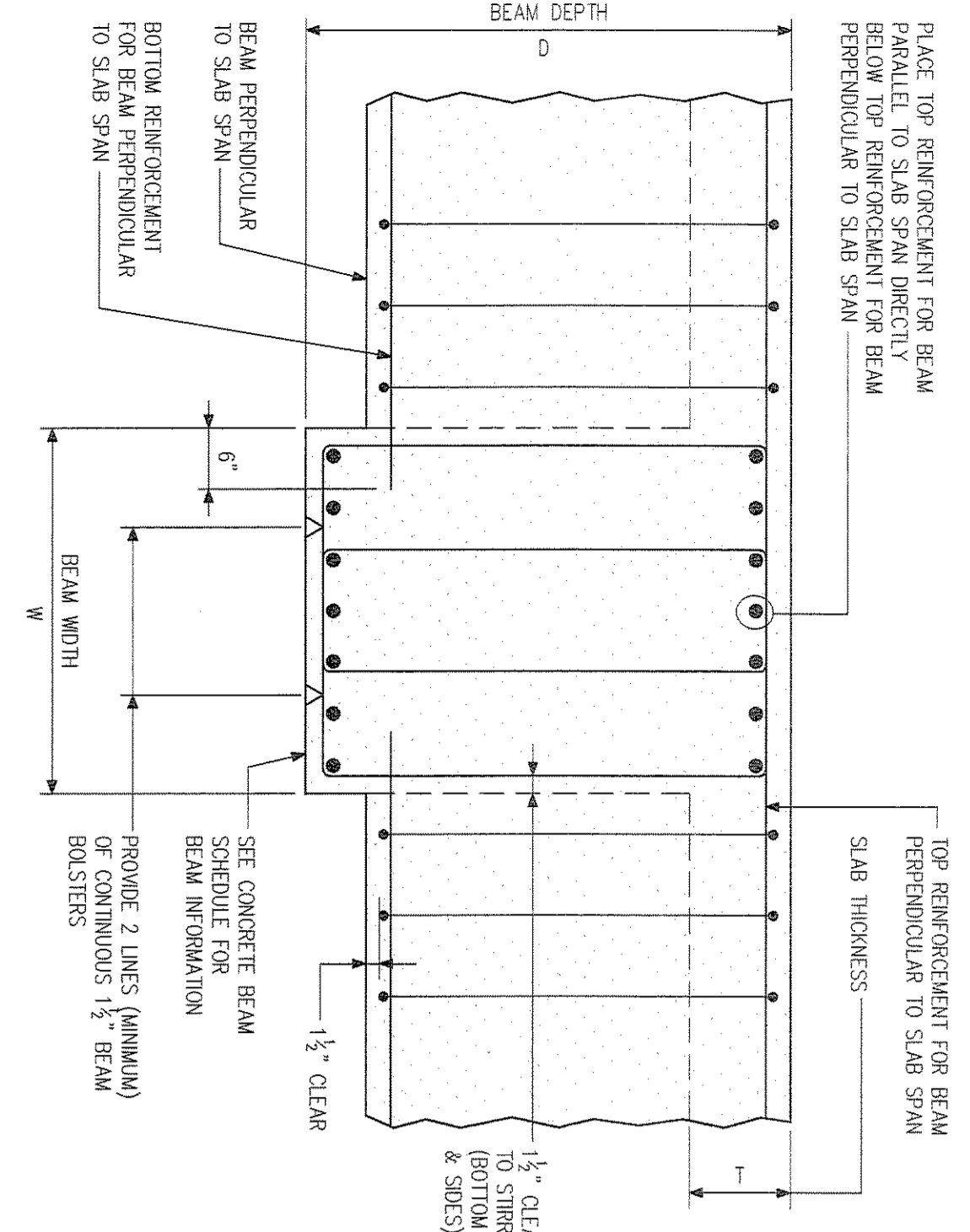
TYPICAL POST-TENSIONED BEAM BLOCKOUT DETAIL
S300
S302
S303
S305



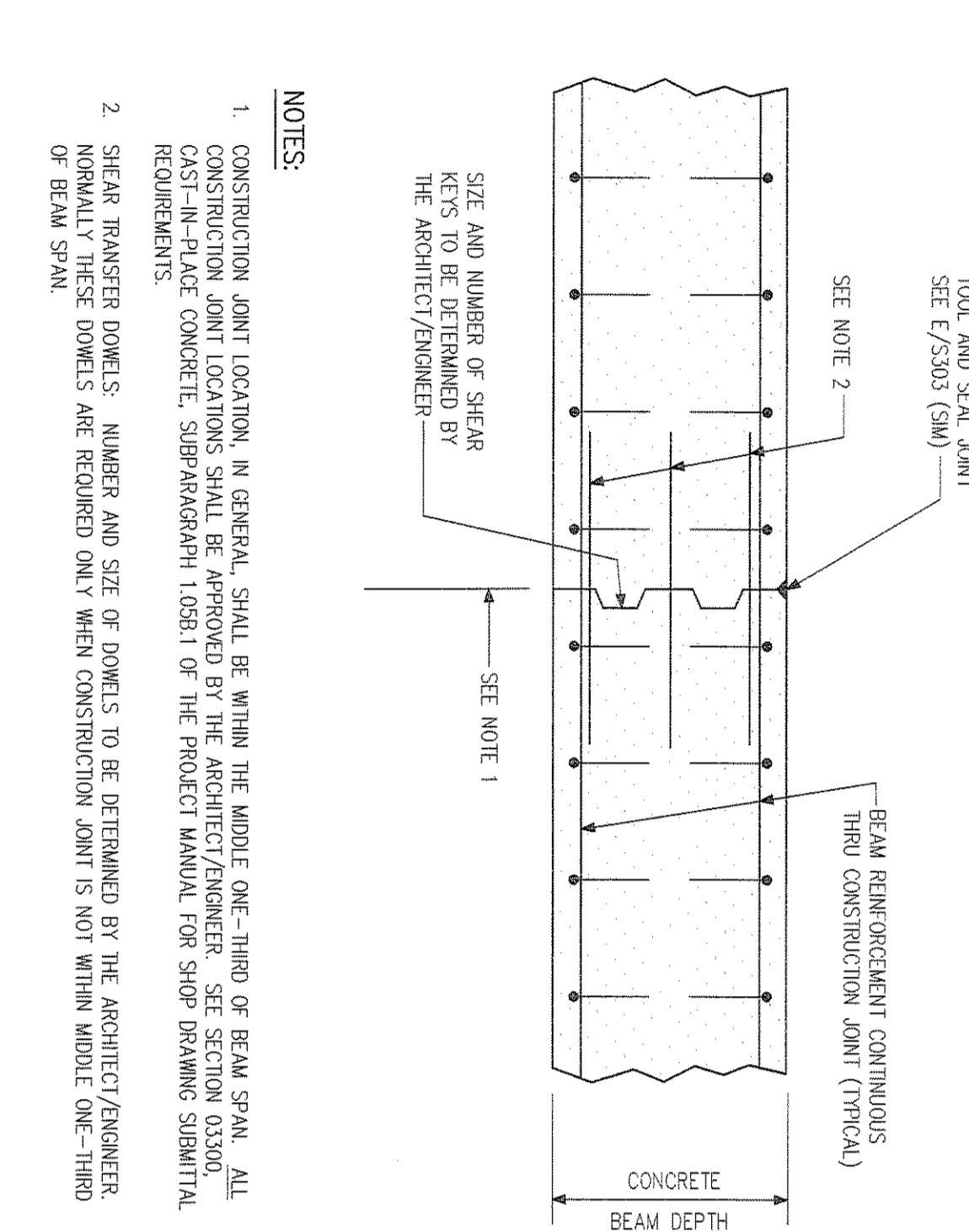
TYPICAL SINGLE-SPAN BEAM REINFORCEMENT
S305



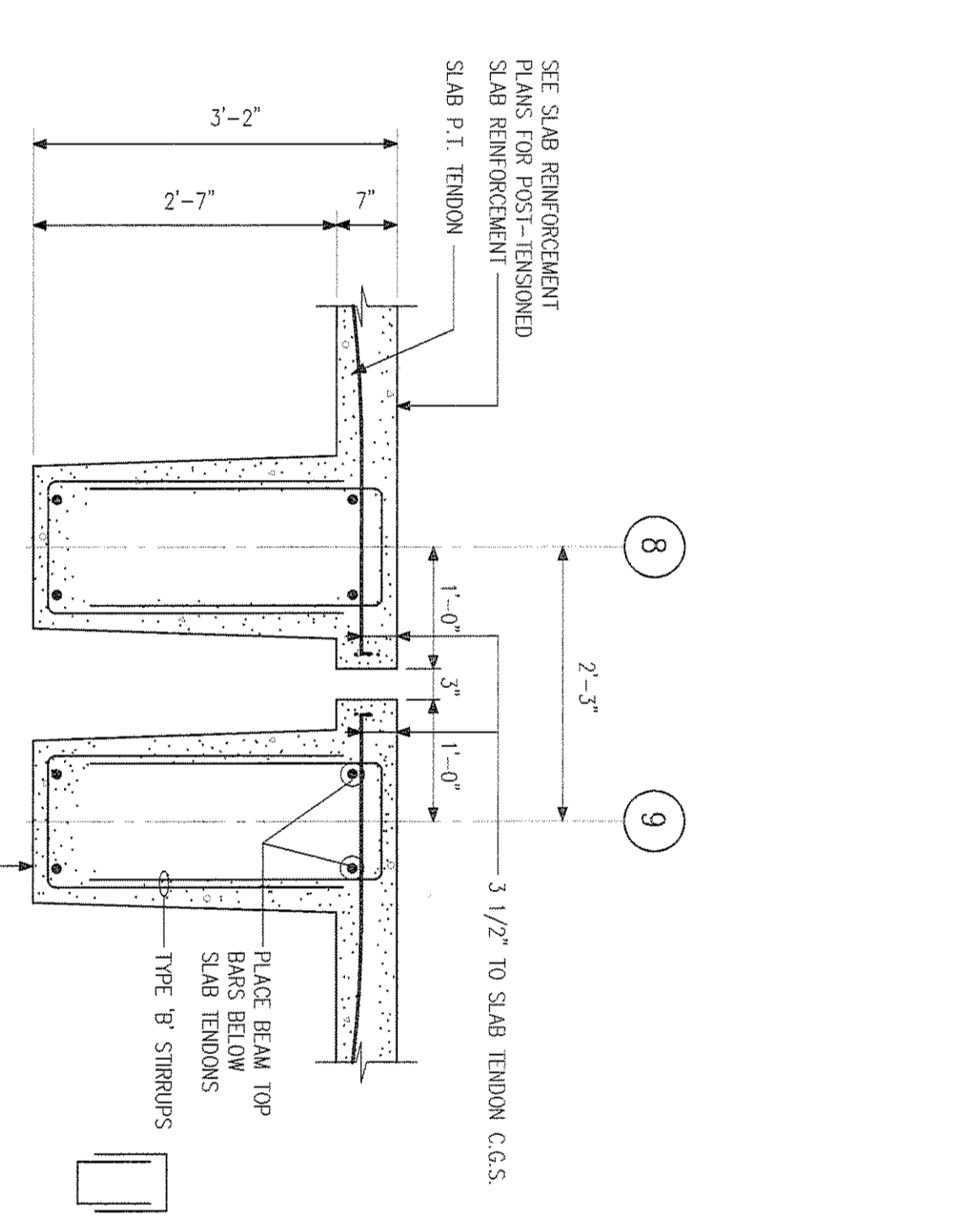
TYPICAL MULTI-SPAN BEAM REINFORCEMENT
S305



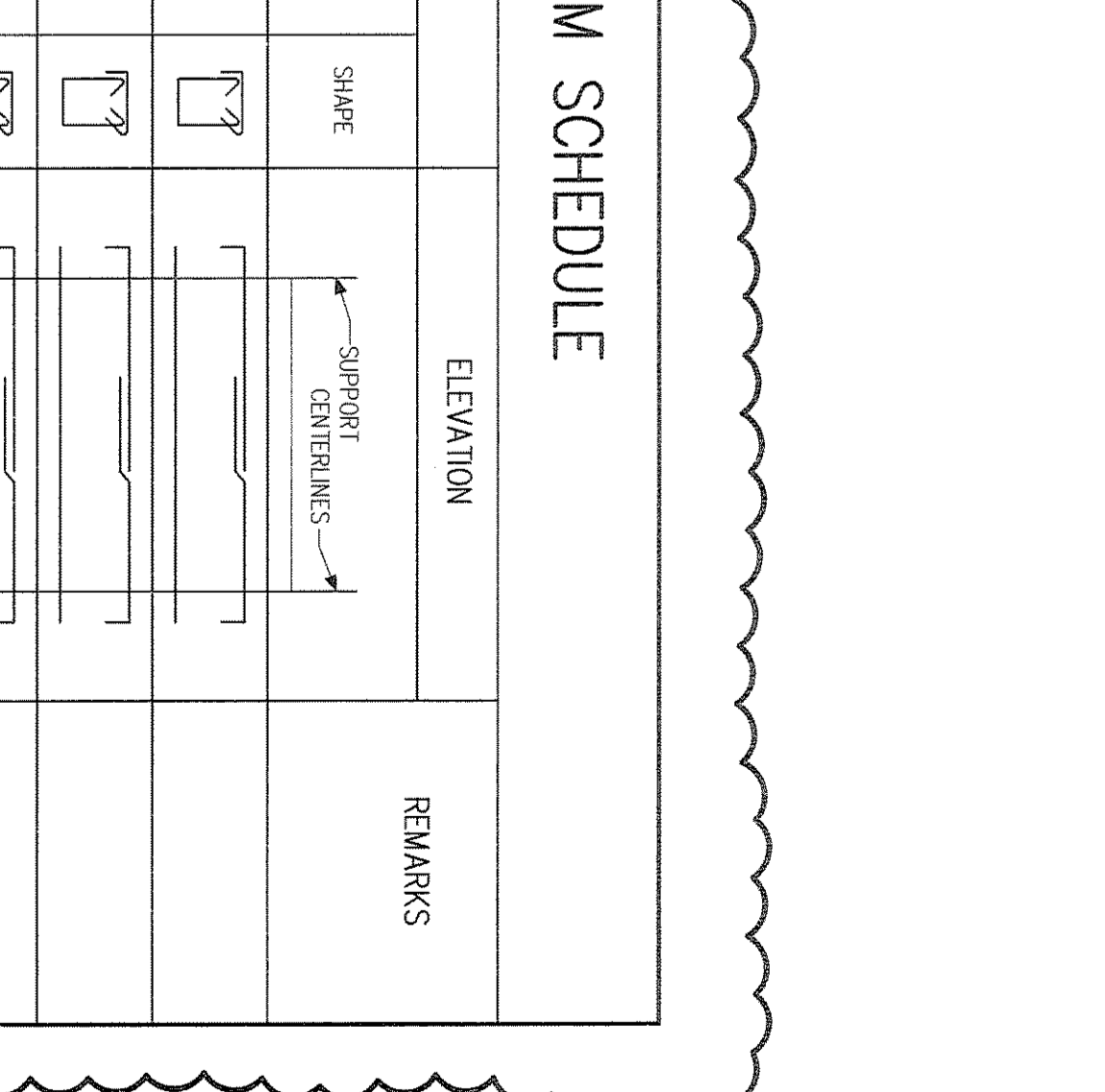
TYPICAL BEAM PARALLEL TO SLAB SPAN
S305



TYPICAL BEAM CONSTRUCTION JOINT
S305



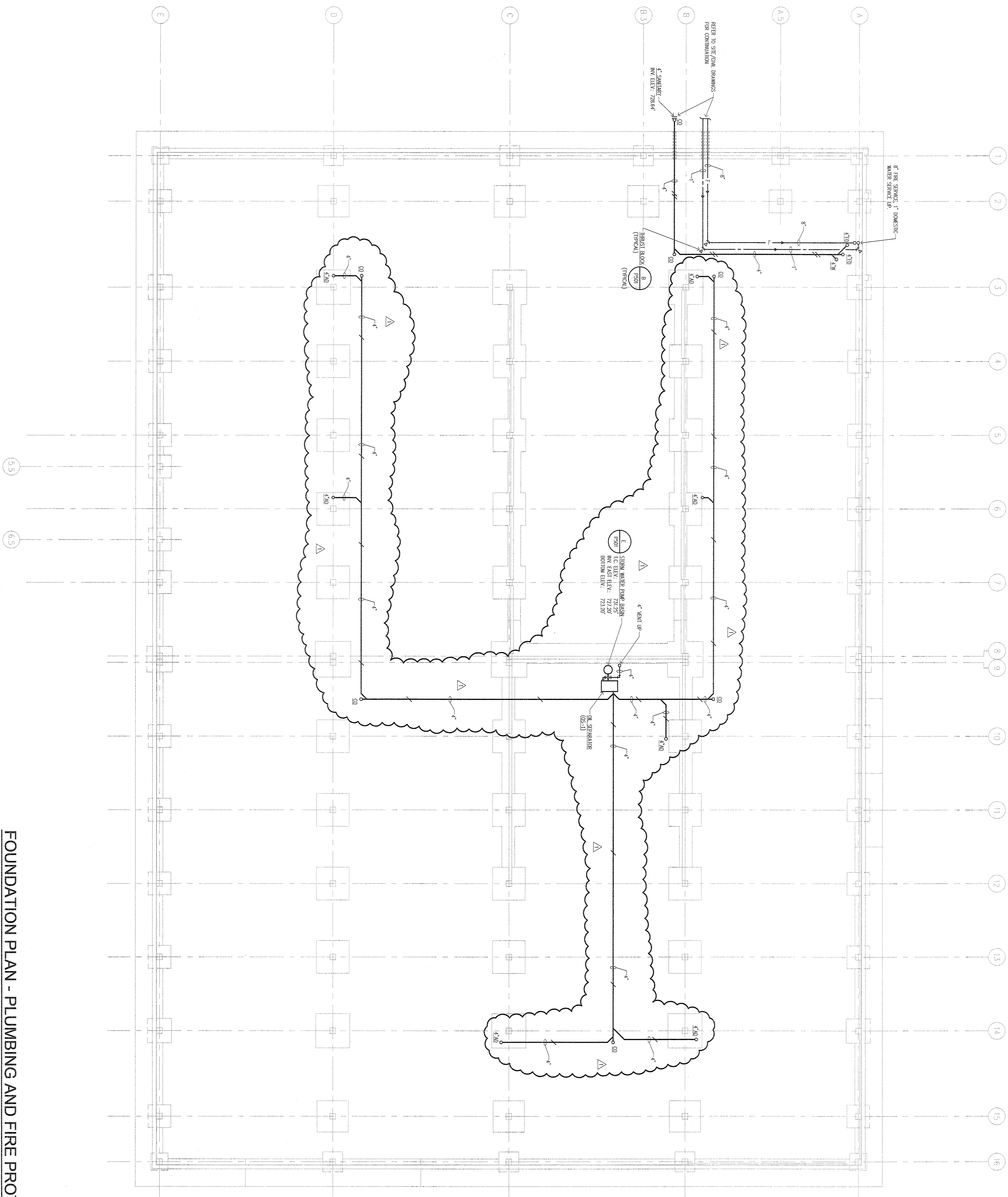
TYPICAL BEAM PERPENDICULAR TO SLAB SPAN
S305



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S305

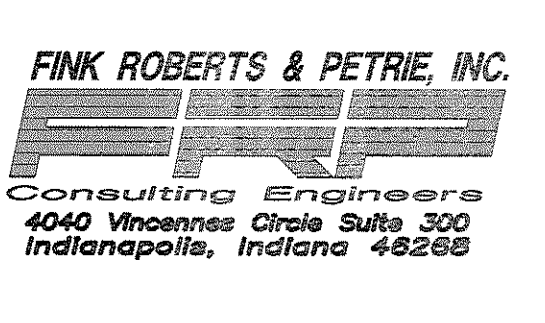
- CONCRETE BEAM SCHEDULE NOTES:**
- SEE DRAWING S301 FOR POST-TENSION CONCRETE BEAM SCHEDULE.
 - SEE DRAWING S302 FOR CONCRETE SCHEDULE AND GENERAL NOTES PERTAINING TO CONCRETE AND REINFORCING STEEL.
 - SEE DETAIL B/S309 (TYPICAL SINGLE-SPAN BEAM REINFORCEMENT) FOR INFORMATION REGARDING DETAILING OF BEAM REINFORCEMENT.
 - SEE DETAIL C/S309 (TYPICAL MULTI-SPAN BEAM REINFORCEMENT) FOR INFORMATION REGARDING DETAILING OF BEAM REINFORCEMENT.
 - SEE DETAIL D/S309 (TYPICAL BEAMS PERPENDICULAR TO SLAB SPAN) AND DETAIL E/S305 (TYPICAL BEAM PARALLEL TO SLAB SPAN) FOR INFORMATION REGARDING POSITIONING OF BEAM REINFORCEMENT.
 - SEE TABLE 1 ON DRAWING S301 FOR TENSION LAP SPACES FOR BEAM REINFORCEMENT.
 - WHERE TOP OR BOTTOM REINFORCEMENT IS IN MULTIPLE LAYERS, PROVIDE #11 SPACERS BARS AT 6'-0" SPACING. POSITION BARS IN UPPER LAYERS DIRECTLY ABOVE BARS IN LOWER LAYERS.
 - THE REMAINING CONCRETE BEAM SIZE (WxD) REPRESENTS THE DIMENSIONS FROM WHICH THE BEAM REINFORCING STEEL CANNOT BE DERIVED AND PARALLEL ACTUAL PHYSICAL DIMENSIONS OF THE CONCRETE BEAM SECTION MAY VARY SLIGHTLY FROM THE DIMENSIONS SET IN THESE CONDITIONS.
 - SEE REINFORCEMENT SPACE AT JOINTS WITH TENSION LAP SPACES. EXTEND AT END SUPPORTS AND PROVIDE STANDARD BY PROS (2' END CLEARANCE). SPACE INTERVAL BETWEEN TOP AND BOTTOM BEAM REINFORCEMENT TO FACILITATE INSTALLATION OF REINFORCING STEEL IN SINGLE SPAN BEAMS. DO NOT PROVIDE LONGITUDINAL BARS WITH HOOKS AT BEH BEAMS. PROVIDE TWO BARS, EACH WITH A HOOK AT ONE END. SPACE TOP AND SIDE BARS AT TENSION LAP SPACES FOR SEE AND BOTTOM BARS.
 - ADJUST POSITIONING OF BEAM REINFORCEMENT AS REQUIRED TO AVOID INTERFERENCE WITH COLUMN VERTICAL REINFORCEMENT.
 - BEAM DEPTHS MAY BE ADJUSTED ± 1/2" INCH TO ACCOMMODATE FORMWORK REQUIREMENTS.
 - SEE DETAIL F/S309 (TYPICAL BEAM CONSTRUCTION JOINT) AND SECTION D303 CAST-IN-PLACE CONCRETE. SUPPLEMENTARY 1 (05)1 OF THE PROJECT MANUAL FOR INFORMATION REGARDING CONSTRUCTION JOINTS IN BEAMS.
 - PROVIDE 5 TENDONS AT 180-DEGREE OR BEAM FOR ALL 24" WIDE BEAMS AND 8 TENDONS FOR ALL 24" WIDE BEAMS ON COLUMN LINES (OAK).

MARK	SIZE WxD	REINFORCEMENT				STIRRUPS		SHAPE	ELEVATION	REMARKS
		TOP LEFT	BOTTOM RIGHT	TOP RIGHT (1/2) EA	SIZE	SPACING	SHAPE			
B73	12" x 24"	(3)-#6	(2)-#11	(3)-#6	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 10"	[S]		
B74	12" x 24"	(3)-#6	(2)-#9	(3)-#6	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 10"	[S]		
B75	12" x 36"	(3)-#7	(3)-#11	(3)-#7	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B76	12" x 24"	(3)-#6	(3)-#9	(3)-#6	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 10"	[S]		
B77	14" x 36"	(3)-#7	(3)-#11	(3)-#7	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B78	24" x 36"	(7)-#9	(5)-#11	(7)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		EXTEND TOP LEFT BARS 6'-0" INTO SLAB
B79	12" x 36"	(3)-#9	(2)-#9	(3)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B80	12" x 36"	(3)-#9	(3)-#9	(3)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B81	12" x 36"	(3)-#9	(3)-#9	(3)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B82	12" x 36"	(3)-#9	(3)-#9	(3)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B83	12" x 36"	(3)-#9	(3)-#9	(3)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B84	12" x 36"	(3)-#9	(3)-#9	(3)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B85	12" x 36"	(3)-#9	(3)-#9	(3)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B86	12" x 36"	(3)-#9	(3)-#9	(3)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B87	24" x 36"	(2)-#9	(2)-#9	(3)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B88	24" x 36"	(4)-#11	(3)-#9	(3)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B89	12" x 36"	(3)-#9	(3)-#9	(3)-#9	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B90	24" x 36"	(2)-#9	(4)-#9	(2)-#6	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B91	24" x 36"	(4)-#11	(3)-#9	(2)-#6	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B92	24" x 36"	(4)-#9	(3)-#9	(2)-#6	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B93	12" x 36"	(2)-#9	(3)-#9	(2)-#6	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B94	24" x 36"	(4)-#8	(5)-#11	(3)-#11	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		
B95	24" x 36"	(4)-#9	(4)-#9	(2)-#6	(2)-#6	#4	1 @ 2' (EACH END) BALANCE @ 12"	[S]		EXTEND TOP RIGHT BARS 6'-0" INTO SLAB



FOUNDATION PLAN - PLUMBING AND FIRE PROTECTION

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



Eddy Street Commons
Phase II
Parking Garage
Project Number: 108-004

City of South Bend, Indiana

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Parking Consultant
Walker Parking Consultants
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Indianapolis, Indiana 46226
317.848.8800

Field Representative/Architect
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Mishawaka, Indiana 46554
574.229.9570

100% Construction Documents
January 29, 2008

REVISION DATE	REVISION DESCRIPTION
02/04/08	ADDENDUM #1

CERTIFIED BY

DESIGN DATE: 07098
DESIGN DRAWN BY: R. MERTENS
CHECKED BY: S. CHAMPION

FOUNDATION PLAN
PLUMBING AND FIRE PROTECTION

SHEET NO.

P201