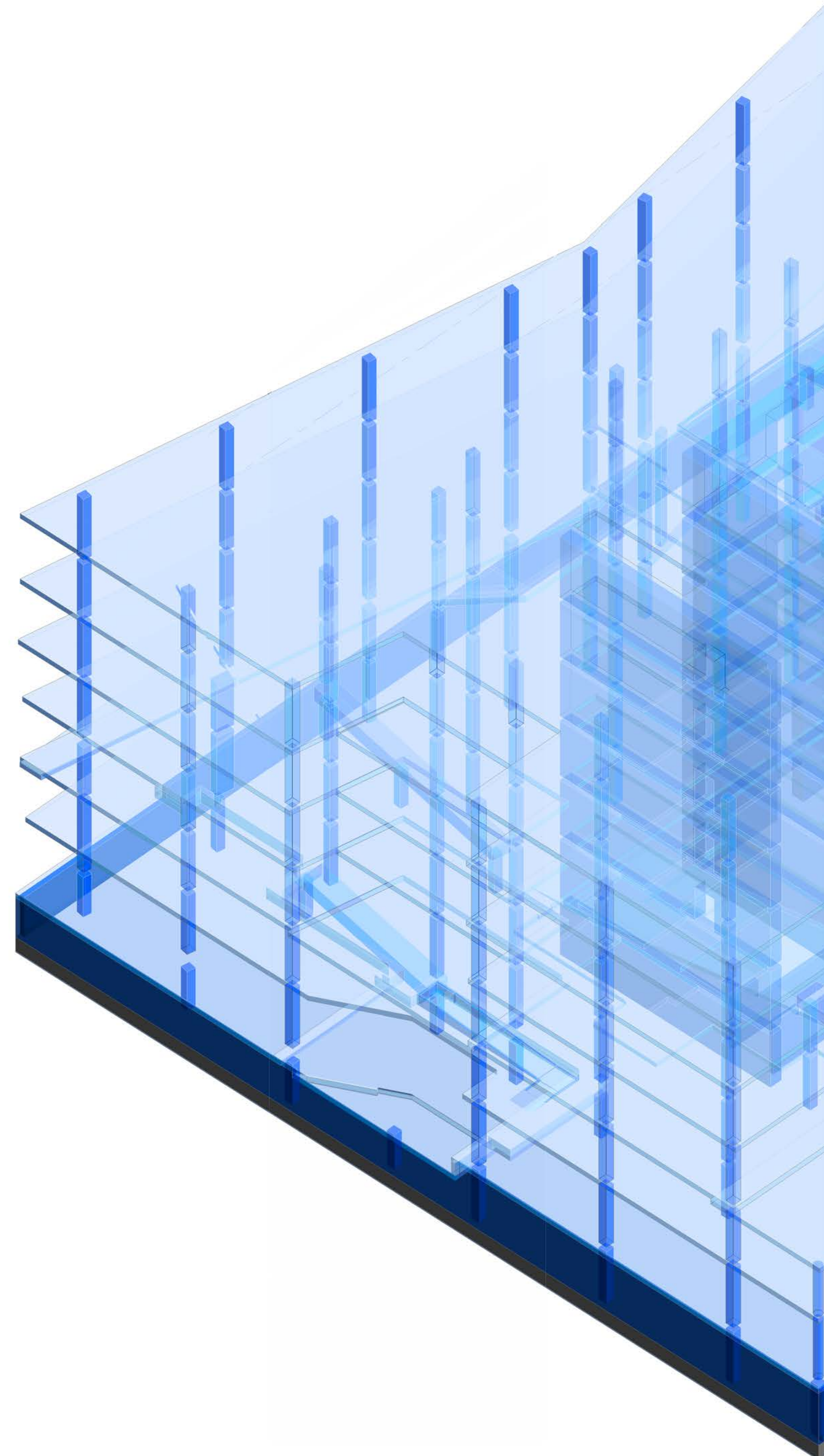




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PROJECT EXPERIENCE

**UCSF Minnesota Street Graduate Student
& Trainee Housing**



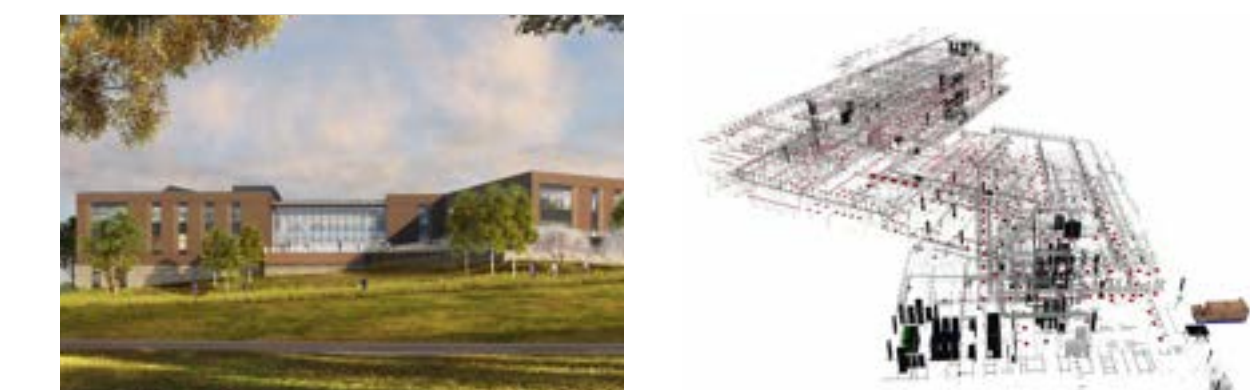
Children's Hospital of The King's Daughters



**UCSF BLOCK 23A — Joan and
Sanford I. Weill Neurosciences Building**



Ivy Mountain Musculoskeletal Center



Medstar Georgetown University Hospital



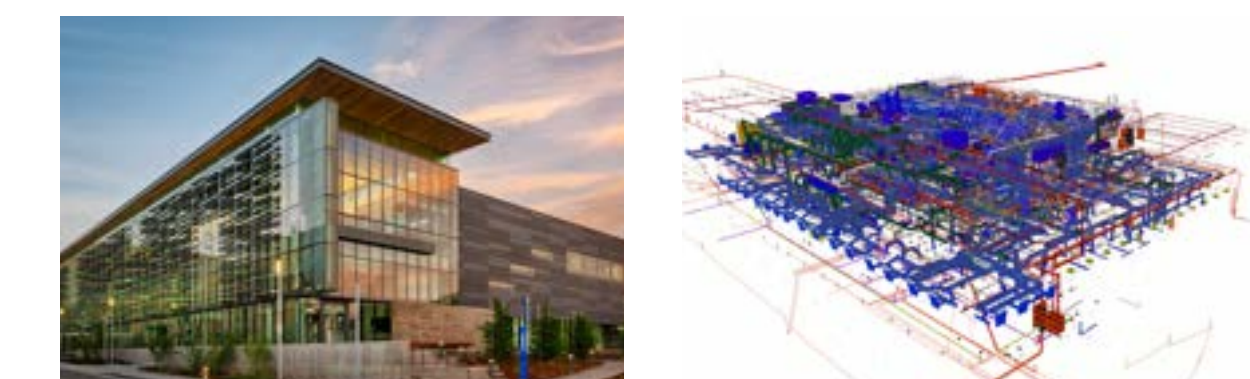
**San Francisco International Airport —
International Terminal Building Phase 1**



San Francisco Fire Department Station



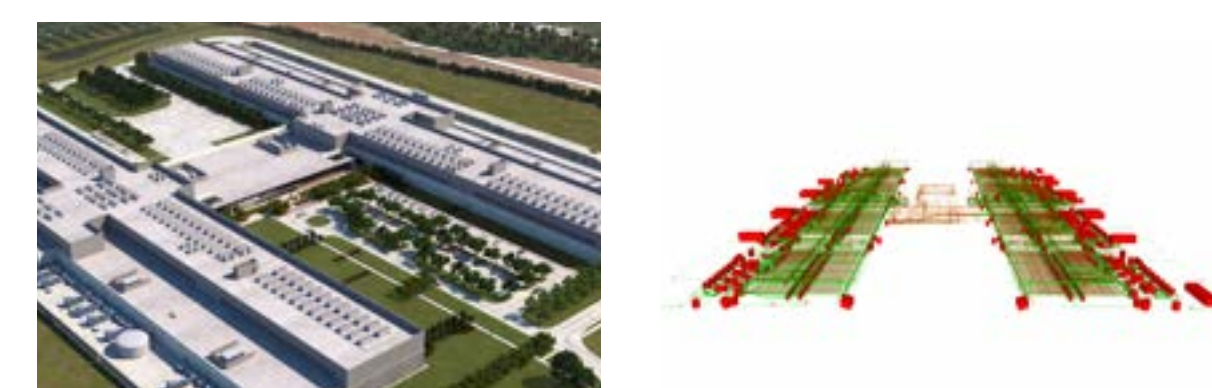
Genentech B50 SSF Clinical Supply Center



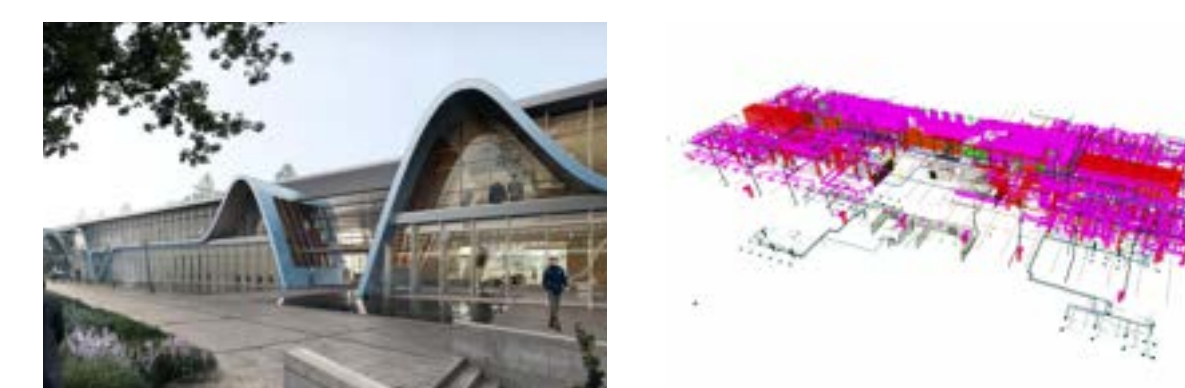
Bionova Scientific



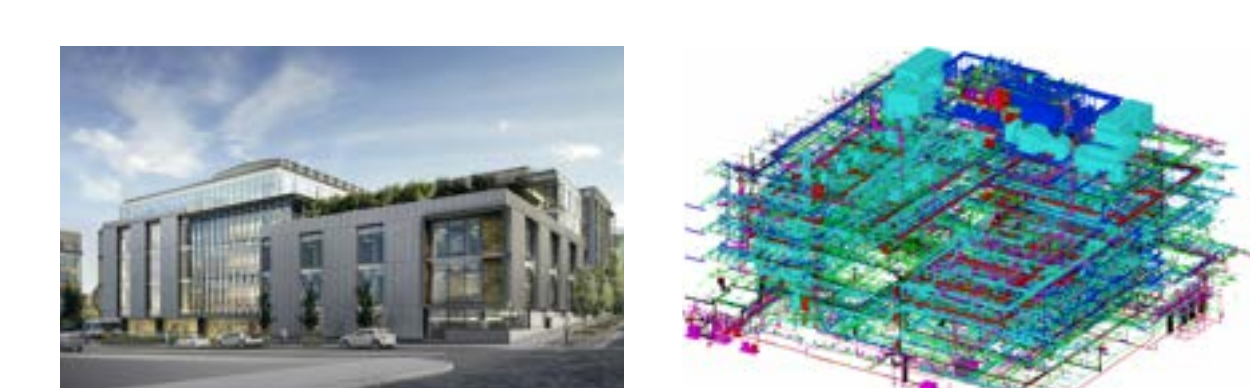
Confidential Client Data Center



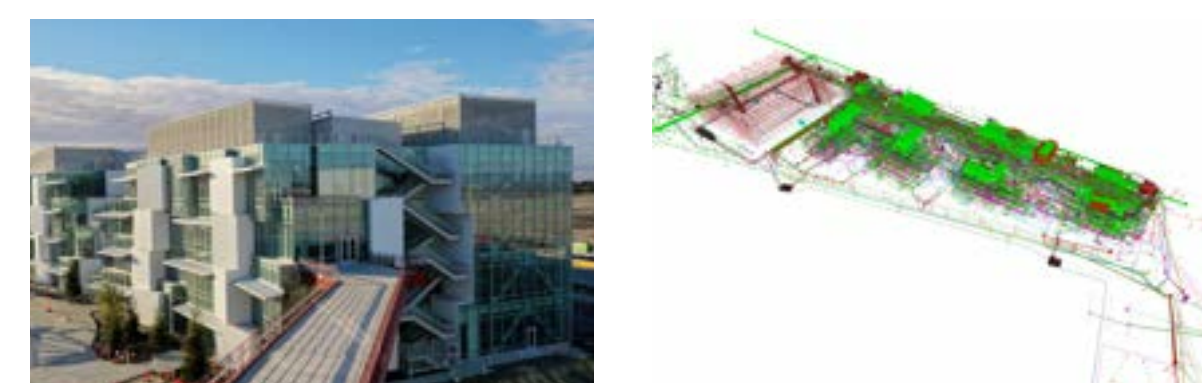
Kodiak Sciences Building 4



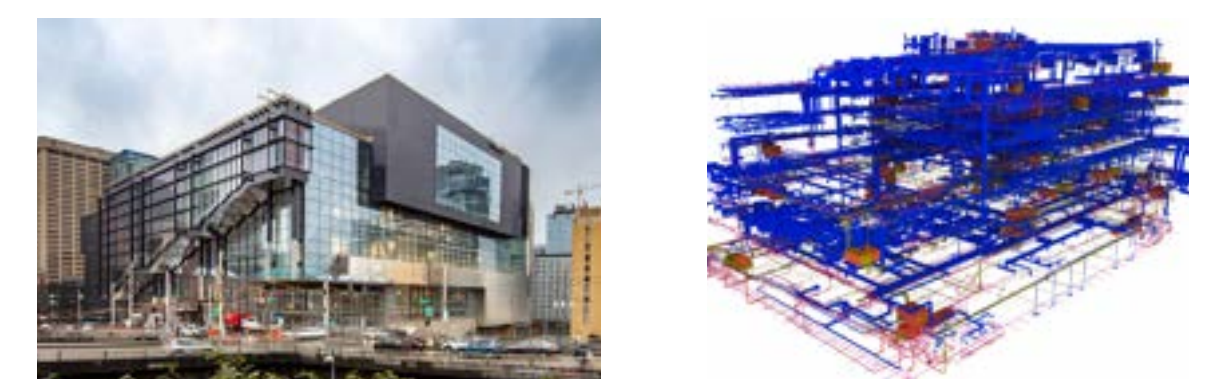
**UCSF Child, Teen & Family Center and
Department of Psychiatry Building**



Confidential Client Campus Building 22



**Washington State Convention Center
Addition**



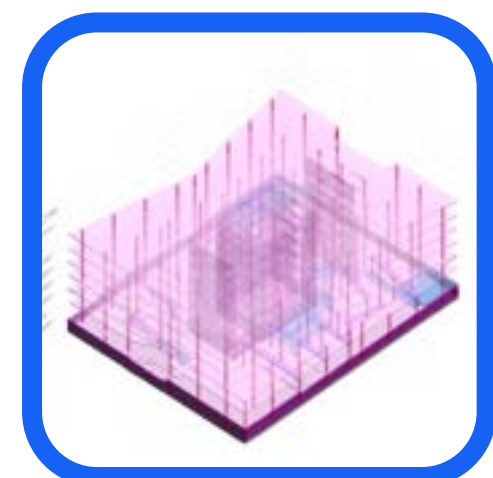
Bakar Bioengineuity Hub



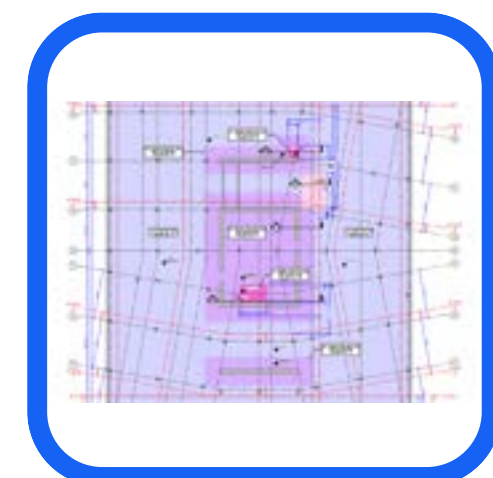
Bakar Bioengineuity Hub



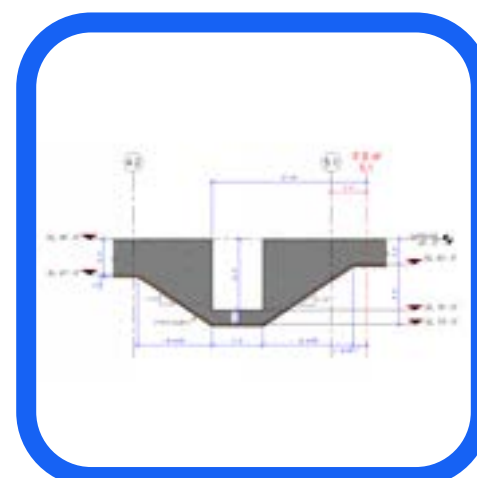
WHAT IS INSIDE?



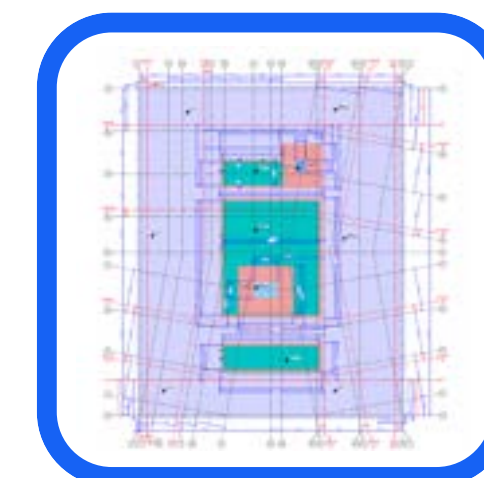
Overall 3D



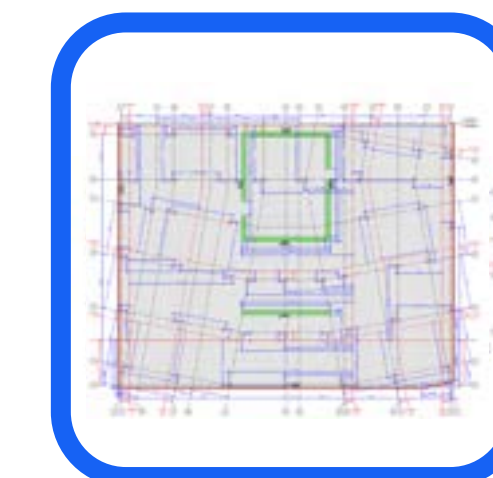
Foundation plan



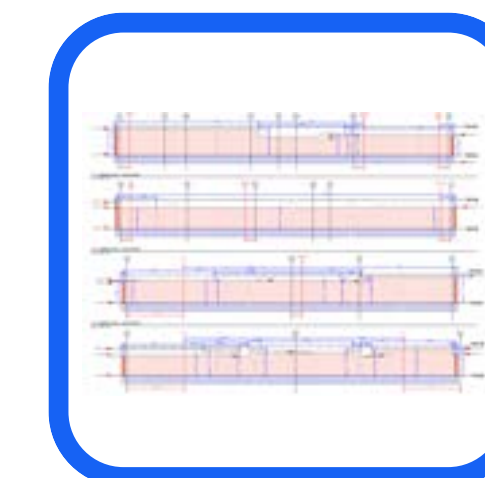
Foundation sections



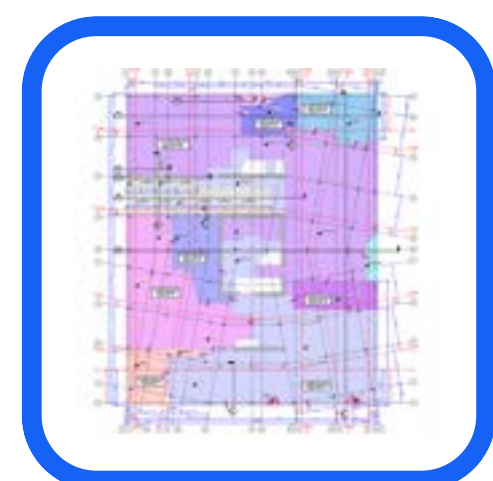
Foundation soffit plan



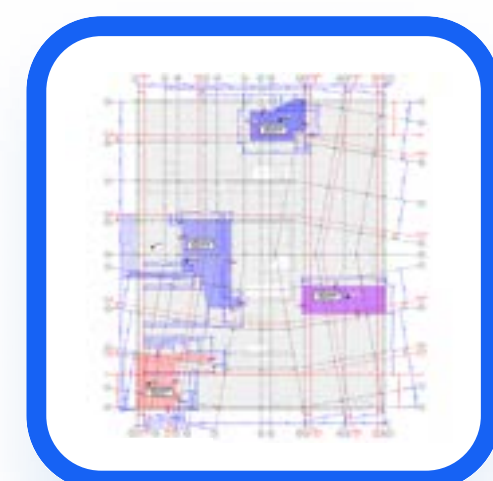
Garage vertical plan



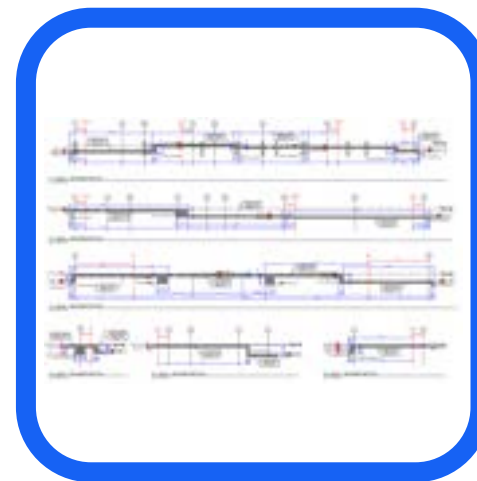
Garage wall



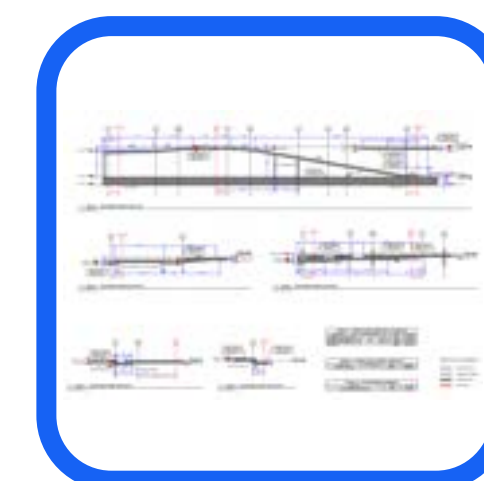
Overall slab plan



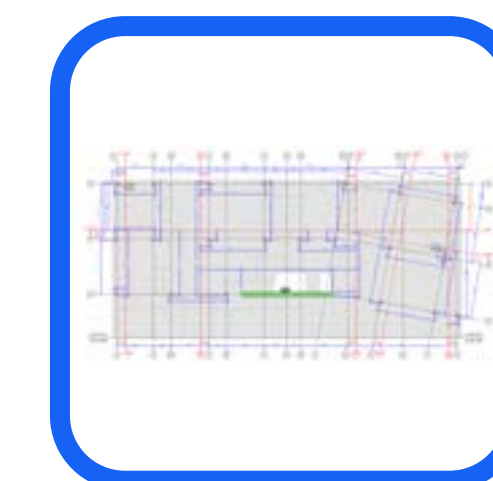
Level 1 slab plan



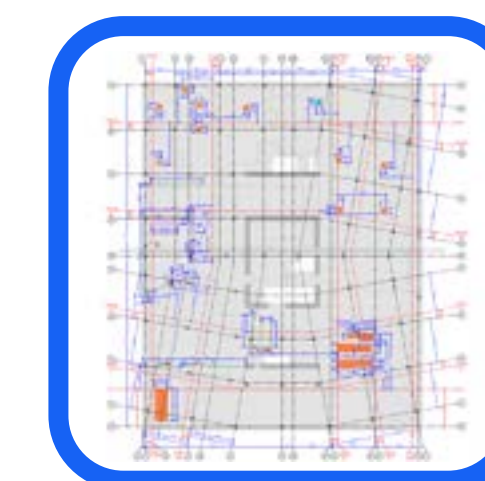
Level 1 slab plan sections



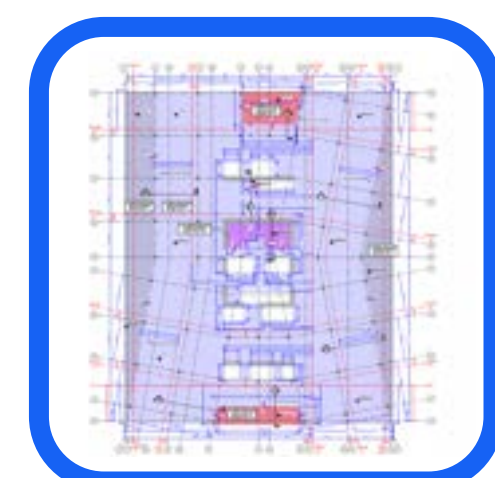
Level 1 Ramp sections



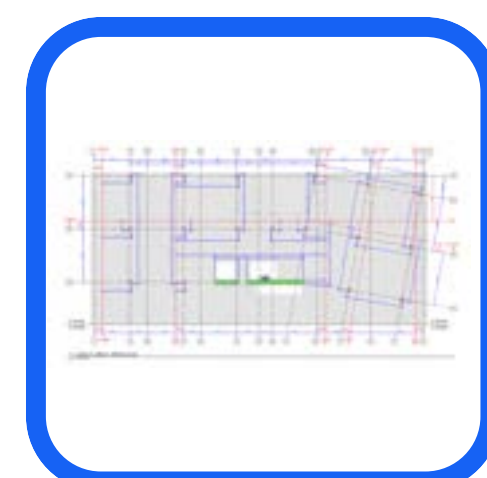
Level 1 vertical plan



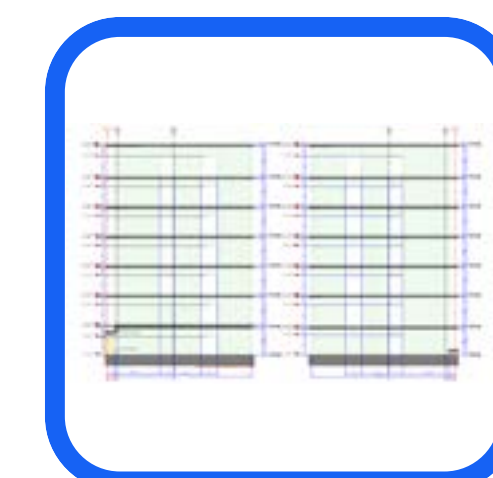
Level 1 Curb and pad plan



Typical level slab plan



Typical level vertical plan



Shear wall

San Francisco (HQ)
201 Spear
Suite 1750
San Francisco, CA 94105
SFLBE, MBE, SBE

[illegible]

BIM COORDINATOR APPROVAL STAMP:

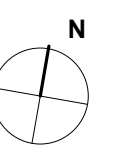
FIELD APPROVAL STAMP:

STRUCTURAL SHEET LIST	
SHEET NUMBER	SHEET TITLE
S-0-00	OVERALL 3D
S-10-01	GARAGE - FOUNDATION PLAN
S-10-02	GARAGE FOUNDATION - SECTION
S-10-03	GARAGE SOFFIT PLAN
S-10-04.A	GARAGE - AREA A - VERTICAL PLAN
S-10-04.B	GARAGE - AREA B - VERTICAL PLAN
S-10-05	GARAGE - FOUNDATION WALL - ELEVATIONS
S-10-11	LEVEL 01 - SLAB PLAN - OVERALL
S-10-12	LEVEL 01 - SLAB PLAN - SECTIONS
S-10-13	LEVEL 01 - RAMP - SECTIONS
S-10-14	LEVEL 01 - SLAB PLAN - PART 1
S-10-15	LEVEL 01 - SLAB PLAN - PART 2
S-10-16	LEVEL 01 - SLAB PLAN - PART 3
S-10-17.A	LEVEL 01 - AREA A - VERTICAL PLAN
S-10-17.B	LEVEL 01 - AREA B - VERTICAL PLAN
S-10-21	LEVEL 02 - SLAB PLAN
S-10-22.A	LEVEL 02 - AREA A - VERTICAL PLAN
S-10-22.B	LEVEL 02 - AREA B - VERTICAL PLAN
S-10-23	LEVEL 02 - SLAB PLAN - SECTIONS
S-10-31	LEVEL 03 - SLAB PLAN
S-10-32.A	LEVEL 03 - AREA A - VERTICAL PLAN
S-10-32.B	LEVEL 03 - AREA B - VERTICAL PLAN
S-10-33	LEVEL 03 - SLAB PLAN - SECTIONS
S-10-41	LEVEL 04 - SLAB PLAN
S-10-42.A	LEVEL 04 - AREA A - VERTICAL PLAN
S-10-42.B	LEVEL 04 - AREA B - VERTICAL PLAN
S-10-51	LEVEL 05 - SLAB PLAN
S-10-52.A	LEVEL 05 - AREA A - VERTICAL PLAN
S-10-52.B	LEVEL 05 - AREA B - VERTICAL PLAN
S-10-61	LEVEL 06 - SLAB PLAN
S-10-62.A	LEVEL 06 - AREA A - VERTICAL PLAN
S-10-62.B	LEVEL 06 - AREA B - VERTICAL PLAN
S-10-71	LEVEL ROOF - SLAB PLAN
S-20-01	SHEAR WALL - ELEVATIONS
S-20-02	SHEAR WALL - ELEVATIONS
S-20-03	SHEAR WALL - ELEVATIONS
S-20-04	SHEAR WALL - ELEVATIONS
S-30-01	LEVEL 1 - CURB AND PAD PLAN
S-30-07.A	LEVEL ROOF - AREA A - CURB AND PAD PLAN
S-30-07.B	LEVEL ROOF - AREA B - CURB AND PAD PLAN

BOS	BOTTOM OF SLAB
BOR	BOTTOM OF RAT SLAB
CC	CONCRETE COLUMN
CONC	CONCRETE
CY	CUBIC YARD
DIA	DIAMETER
DP	DEPTH
EL.	ELEVATION
FND	FOUNDATION
REINF	REINFORCEMENT
SF	SQUARE FEET
SO	SQUARE
THKND	THICKENED SLAB
TOS	TOP OF SLAB
T/SLAB	TOP OF SLAB
TYL	TYPICAL
W	WEIGHT

ORIGINAL PRINT SIZE = 30x42

KEY PLAN:



JOB NUMBER: _____ Project Number _____

ISSUED FOR: _____

DATE: 5/2/2023 3:09:45 PM

DRAWN BY: Author	CHECKED BY:	Checker
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DRAWING SCALE: $1/4" = 1'-0"$

OVERALL 3D

DRAWING NUMBER:

S-0-00

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Suite 1750
San Francisco, CA 94105
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1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
2. REINFORCING SHALL BE SUPPORTED TO MAINTAIN PROPER POSITION IN THE SLAB.
3. CONTRACTOR TO COORDINATE EMBED PLATES REQUIRED FOR STAIRS, GUARDRAILS, INTERIOR AND EXTERIOR WALLS, WINDOW WASHING ANCHORS, ETC.
4. WOOD [STEEL] STUD, SHEAR WALL AND HOLD-DOWN REQUIREMENTS PER STUD AND SHEAR WALL PLAN.
CONTRACTOR TO COORDINATE ALL EMBED REQUIREMENTS FOR INSTALLATION OF HOLD-DOWNS AND SHEAR WALL ANCHORS OR EMBEDS.

LEVEL GARAGE - FOUNDATION SCHEDULE					
FOUNDATION TYPE	BOS	MAT THICKNESS	TOS	AREA	VOLUME
60" THKND CONC MAT FDN	81' - 0"	5' - 0"	86' - 0"	9399 SF	1720.74 CY
42" CONC MAT FDN	82' - 6"	3' - 6"	86' - 0"	44366 SF	5750.53 CY
24" REINF CONC PIT SLAB	72' - 10"	2' - 0"	74' - 10"	226 SF	16.75 CY
24" REINF CONC PIT SLAB	74' - 0"	2' - 0"	76' - 0"	63 SF	4.69 CY
Grand total: 6				54055 SF	7492.70 CY

LEVEL GARAGE - OTHER FOUNDATION ELEMENTS	
FOUNDATION TYPE	VOLUME
PIT SLOPED PARTS	255.81 CY
SLOPED PARTS	46.20 CY

GARAGE LEGEND

- | | |
|---|--------------------------------------|
|  | 60" CONCRETE MAT FOUNDATION SLAB |
|  | 42" CONCRETE MAT FOUNDATION SLAB |
|  | 14" REINFORCEMENT CONCRETE RAMP SLAB |
|  | 24" REINFORCEMENT CONCRETE PIT SLAB |
|  | CONCRETE WALLS |
|  | CONCRETE COLUMNS |

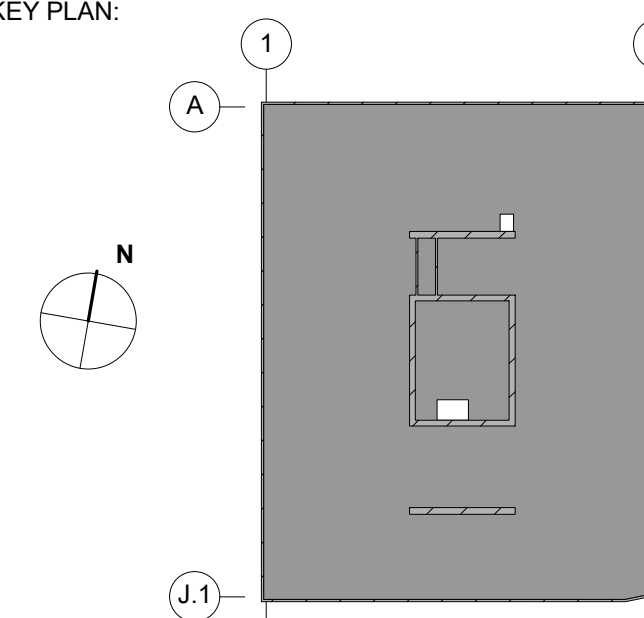
[illegible]

BIM COORDINATOR APPROVAL STAMP:

FIELD APPROVAL STAMP:

ORIGINAL PRINT SIZE = 30x42

KEY PLAN:



JOB NUMBER: _____ Project Number _____

ISSUED FOR:

DATE: 5/2/2023 3:09:47 PM

DRAWN BY: Author	CHECKED BY:	Checker
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DRAWING SCALE: As indicated

SHEET TITLE: **BASE & FOUNDATION PLAN**

GARAGE - FOUNDATION PLAN

DRAWING NUMBER:

S-10-01

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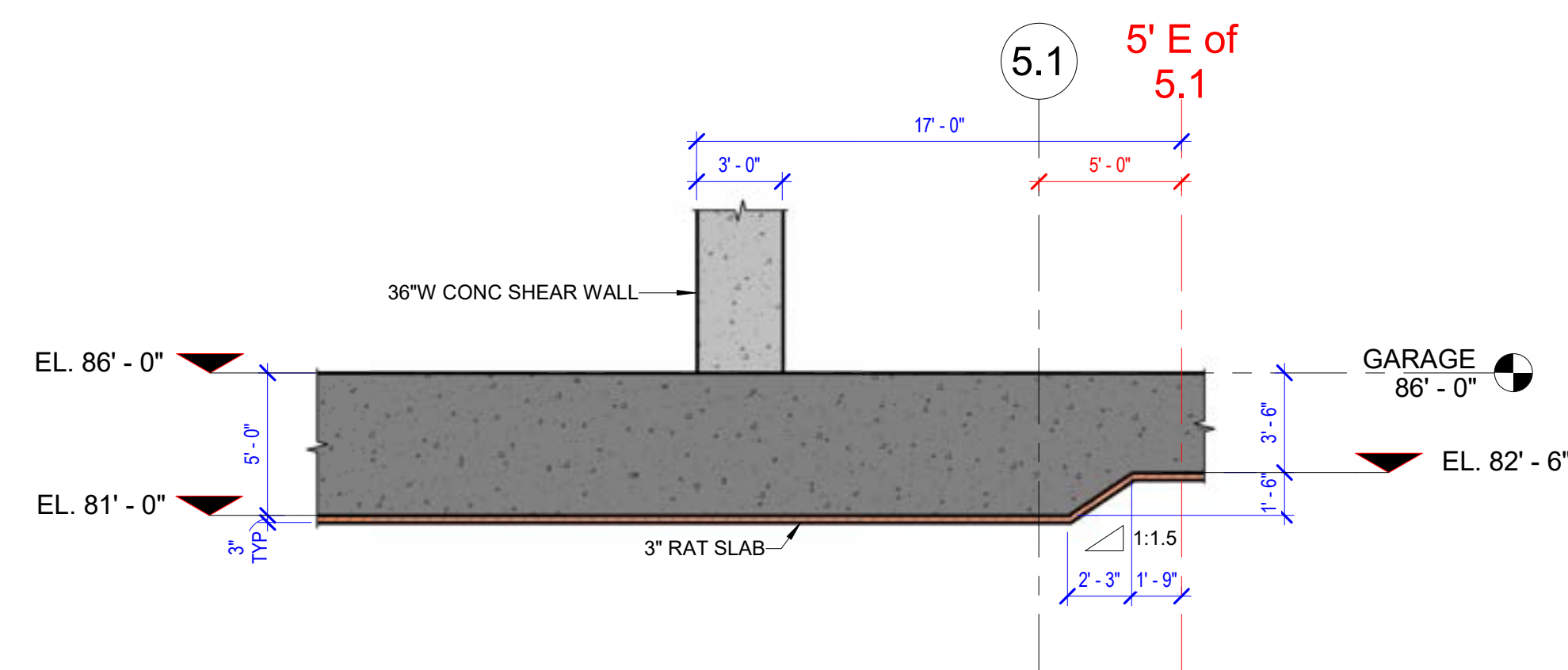
San Francisco (HQ)
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Suite 1750
San Francisco, CA 94105
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[illegible]

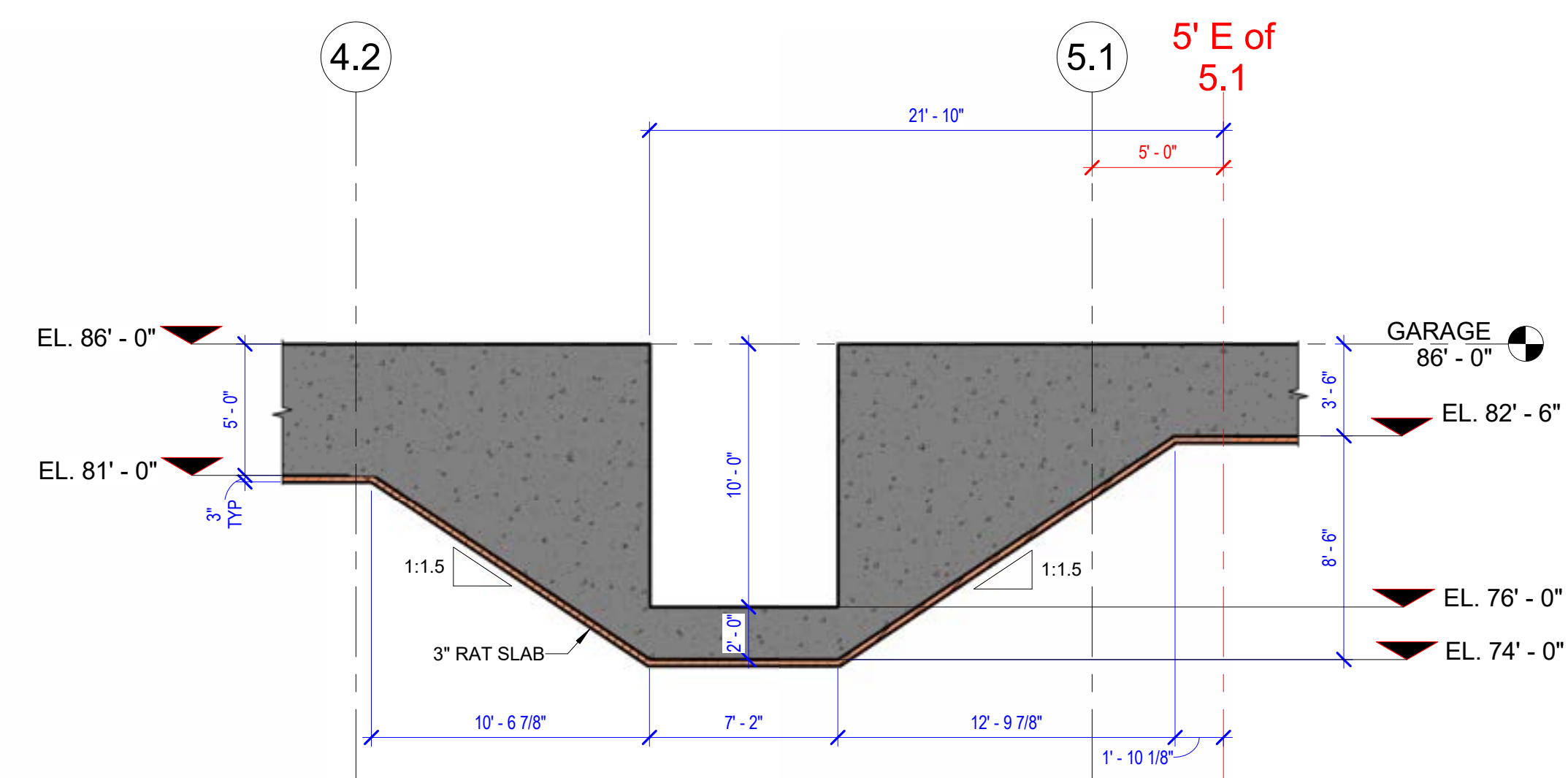
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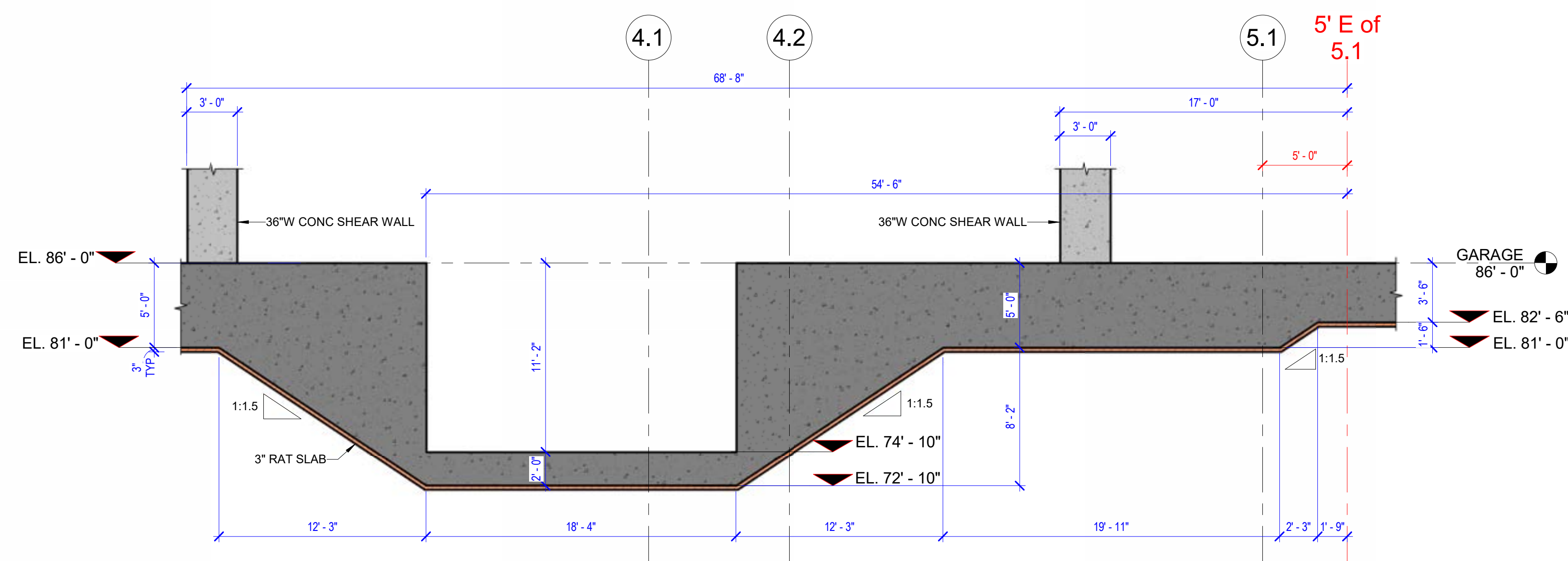
FIELD APPROVAL STAMP:



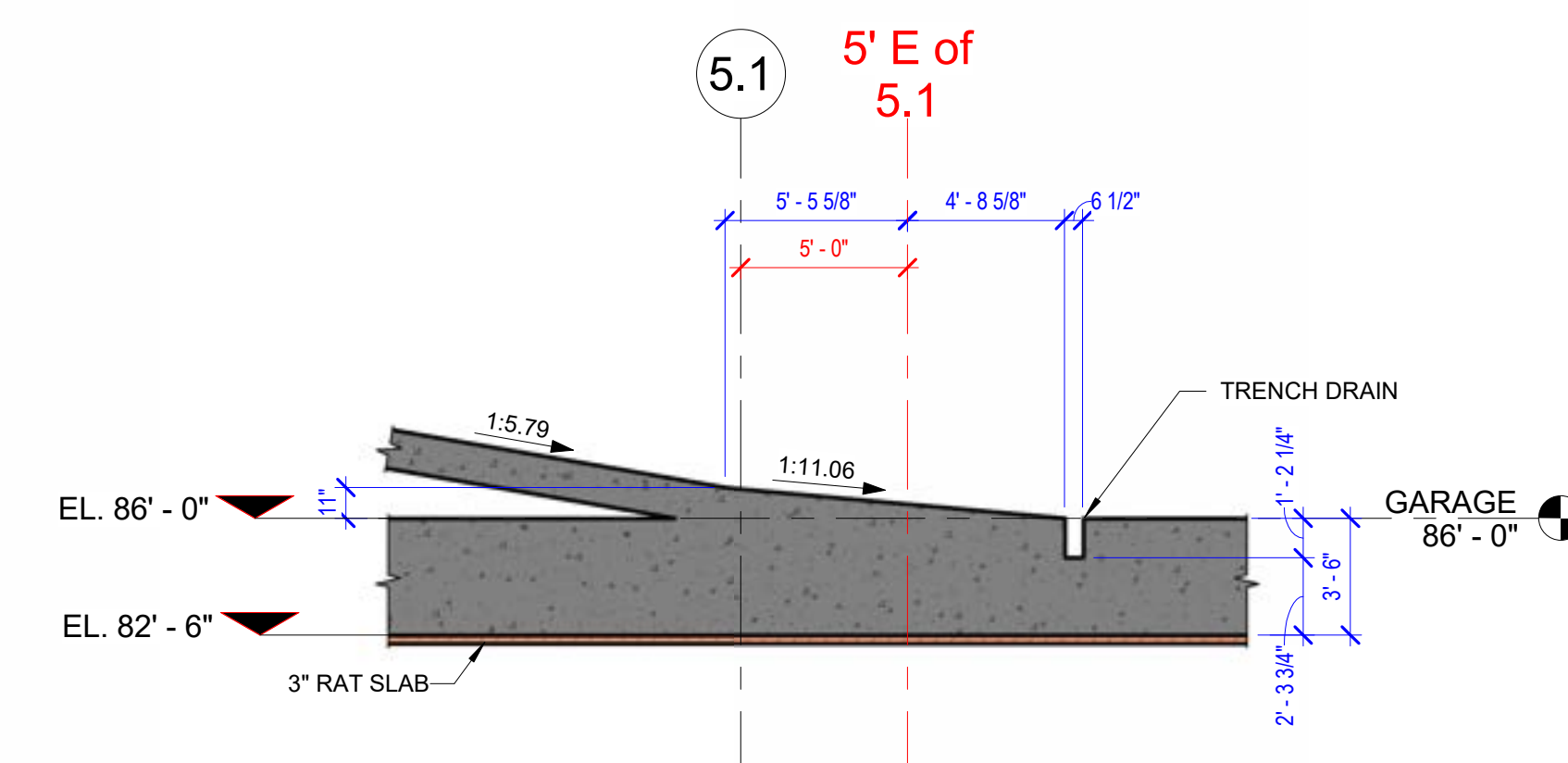
1 MAT SLAB - SECTION 1
3/16" = 1'-0"



2 MAT SLAB - SECTION 2
3/16" = 1'-0"



3 MAT SLAB - SECTION 3
3/16" = 1'-0"



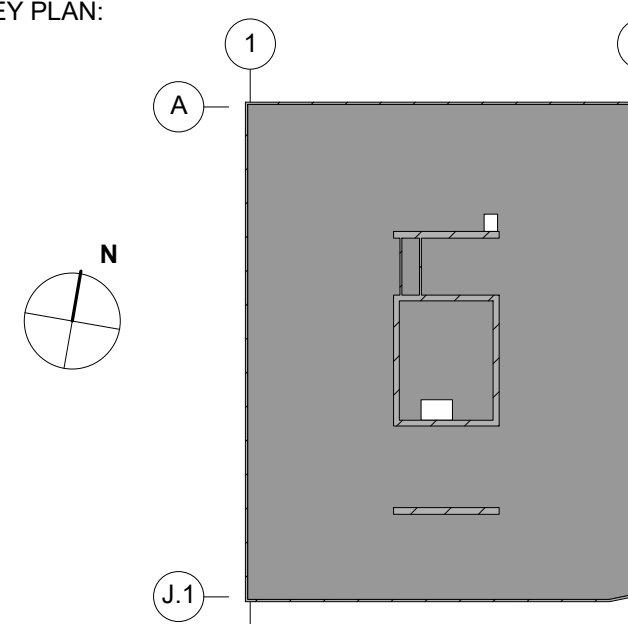
4 MAT SLAB - SECTION 4
3/16" = 1'-0"

SECTIONS LEGEND

-  36" CONCRETE SHEAR WALLS
 CONCRETE MAT FOUNDATION SLAB
 3" RAT SLAB

ORIGINAL PRINT SIZE = 30x42

KEY PLAN:



JOB NUMBER: _____ Project Number _____

ISSUED FOR: _____

DATE: 5/2/2023 3:09:48 PM

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DRAWING SCALE: As indicated

SHEET TITLE:

DRAWING NUMBER:

S-10-02

FOUNDATION SOFFIT PLAN



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Suite 1750
San Francisco, CA 94105
SFLBE, MBE, SBE

DATE

REVISION

DESCRIPTION

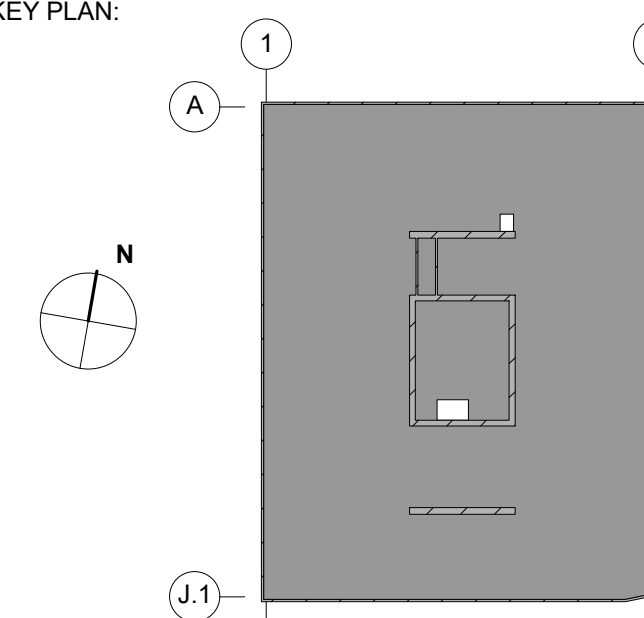
BIM COORDINATOR APPROVAL STAMP:

FIELD APPROVAL STAMP:

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KEY PLAN:



JOB NUMBER: Project Number

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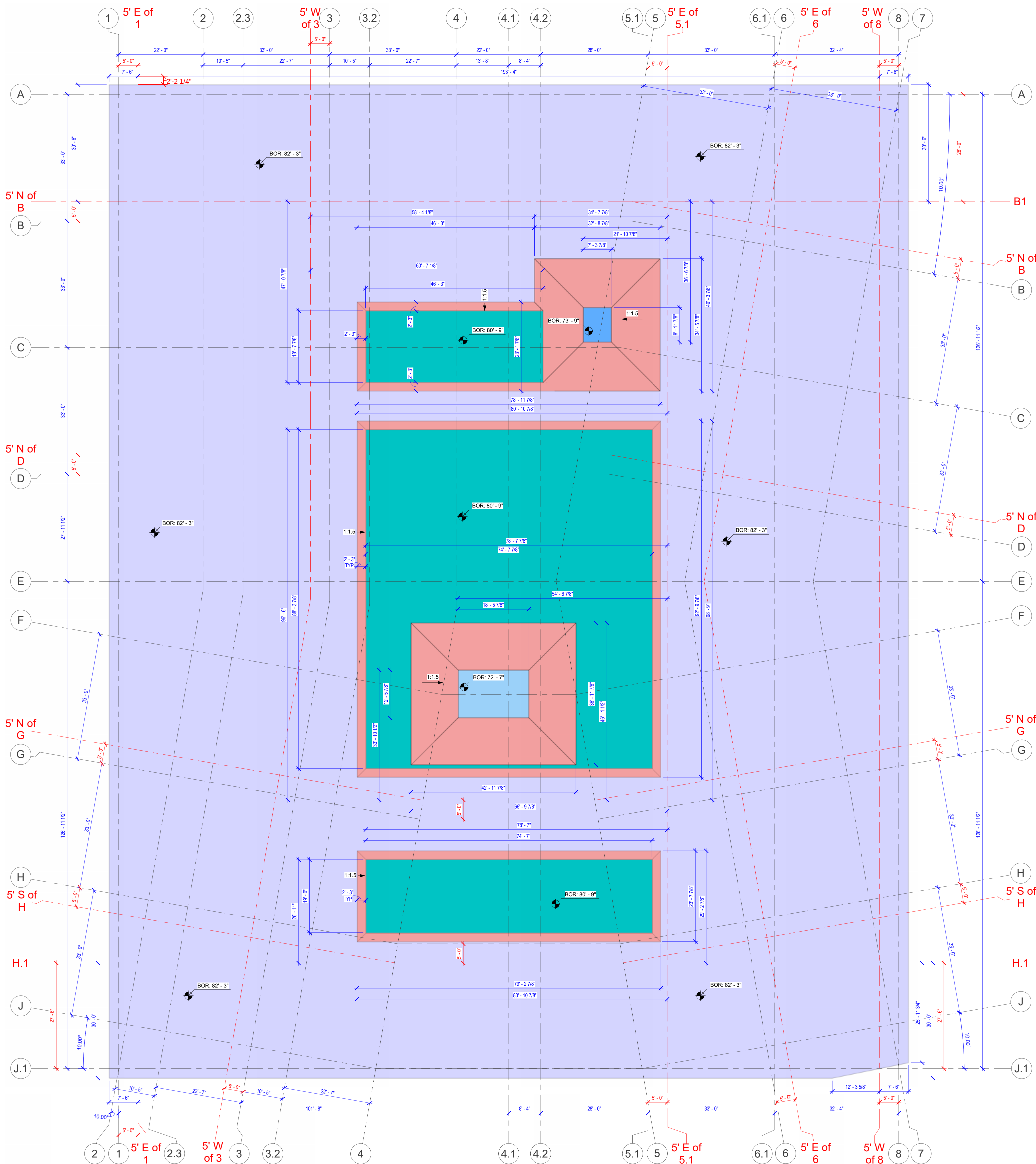
DRAWING SCALE: As indicated

SHEET TITLE:

GARAGE SOFFIT PLAN

DRAWING NUMBER:

S-10-03



PLAN NOTES:

- ALL ELEVATIONS ON THIS DRAWINGS ARE FOR THE BOTTOM OF THE RAT SLAB.

SOFFIT PLAN LEGEND

- BOTTOM OF RAT SLAB = 82' 3"
- BOTTOM OF RAT SLAB = 80' 9"
- BOTTOM OF RAT SLAB = 73' 9"
- BOTTOM OF RAT SLAB = 72' 7"
- TRANSITION SLOPE

1 GARAGE - SOFFIT PLAN

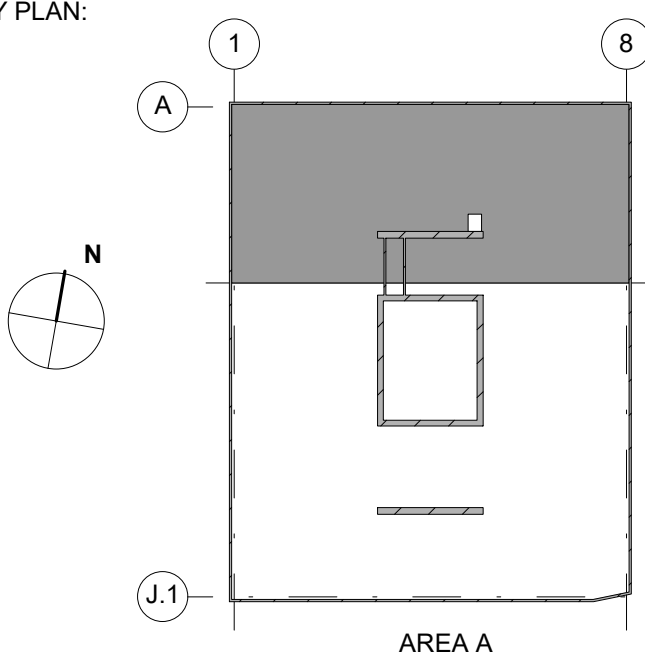
3/32" = 1'-0"

[illegible]

FIELD APPROVAL STAMP:

ORIGINAL PRINT SIZE = 30x42

KEY PLAN:



JOB NUMBER: _____ Project Number _____

ISSUED FOR: _____

DATE: 5/2/2000 9:00:54 AM

DRAWN BY: Author	CHECKED BY:	Checker
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DRAWING SCALE: As indicated

GARAGE AREA A VERTICAL

PLAN

DRAWING NUMBER: E-100-000-000



LEVEL GARAGE - AREA A - SHEAR WALL SCHEDULE				
WALL TYPE	WIDTH	HEIGHT	AREA	VOLUME
36"W CONC SHEAR WALL	3' - 0"	14' - 0"	702 SF	77.95 CY

LEVEL GARAGE - AREA A - WALL SCHEDULE				
WALL TYPE	WIDTH	HEIGHT	AREA	VOLUME
12"W CONCRETE WALL	1' - 0"	12' - 10"	611 SF	22.48 CY
14" CONCRETE WALL	1' - 2"	10' - 10"	1140 SF	49.24 CY
14" CONCRETE WALL	1' - 2"	12' - 10"	3352 SF	144.86 CY
Grand total:			5103 SF	216.58 CY

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
2. REINFORCING SLAB SHALL BE SUPPORTED TO MAINTAIN PROPER POSITION IN THE SLAB.
3. CONTRACTOR TO COORDINATE EMBED PLATES REQUIRED FOR STAIRS, GUARDRAILS, INTERIOR AND EXTERIOR WALLS, WINDOW WASHING ANCHORS, ETC.
4. WOOD [STEEL] STUD, SHEAR WALL AND HOLD-DOWN REQUIREMENTS PER STUD AND SHEAR WALL PLAN. CONTRACTOR TO COORDINATE ALL EMBED REQUIREMENTS FOR INSTALLATION OF HOLD-DOWNS AND SHEAR WALL ANCHORS OR EMBEDS.
5. ALL THE COLUMNS ARE CC1 TYPE 24" SQUARE UNLESS OTHERWISE NOTED.

	36" CONCRETE SHEAR WALLS
	14" CONCRETE PERIMETER WALLS
	12" CONCRETE WALLS AT CISTERN
	CONCRETE SLAB
	CONCRETE COLUMNS CC1 TYPE 24" SQUARE

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[illegible]

FIELD APPROVAL STAMP:

	36" CONCRETE SHEAR WALLS
	14" CONCRETE PERIMETER WALLS
	12" CONCRETE WALLS AT CISTERN
	CONCRETE SLAB
	CONCRETE COLUMNS CC1 TYPE 24" SQUARE

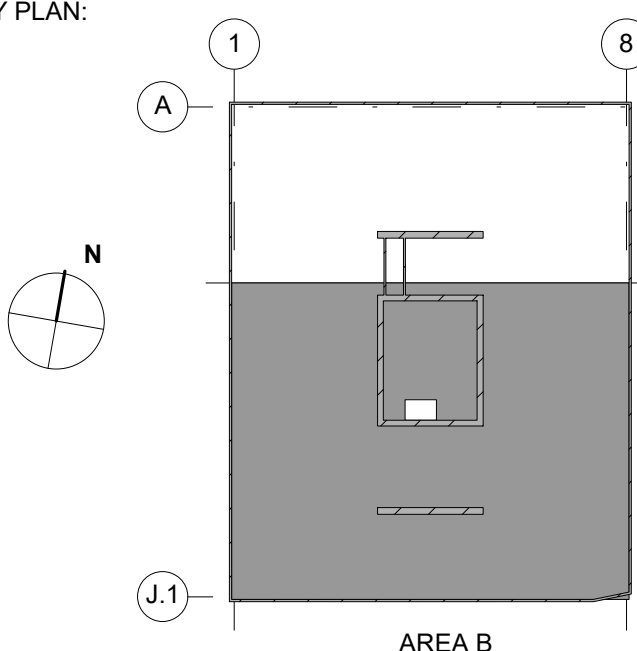
MARK	SECTION TYPE	HEIGHT	VOLUME	QUANTITY
CC1-3	24"SQ	9'- 6"	1.41 CY	1
CC1-6	24"SQ	10'- 10"	19.26 CY	12
CC1-7	24"SQ	11'- 1"	4.93 CY	3
CC1-8	24"SQ	12'- 9"	1.89 CY	1
CC1-9	24"SQ	12'- 10"	35.57 CY	19
CC1-10	24"SQ	13'- 10"	6.01 CY	3
CC1-12	24"SQ	14'- 0"	11.11 CY	6
Grand total: 45			80.17 CY	

WALL TYPE	WIDTH	HEIGHT	AREA	VOLUME
14" CONCRETE WALL	1' - 2"	10' - 4"	2146 SF	92.67 CY
14" CONCRETE WALL	1' - 2"	10' - 10"	1778 SF	76.85 CY
14" CONCRETE WALL	1' - 2"	12' - 10"	1976 SF	85.33 CY
Grand total:			5901 SF	254.85 CY

WALL TYPE	WIDTH	HEIGHT	AREA	VOLUME
36"W CONC SHEAR WALL	3' - 0"	12' - 10"	1428 SF	158.72 CY
36"W CONC SHEAR WALL	3' - 0"	14' - 0"	2097 SF	232.96 CY
Grand total:			3525 SF	391.68 CY

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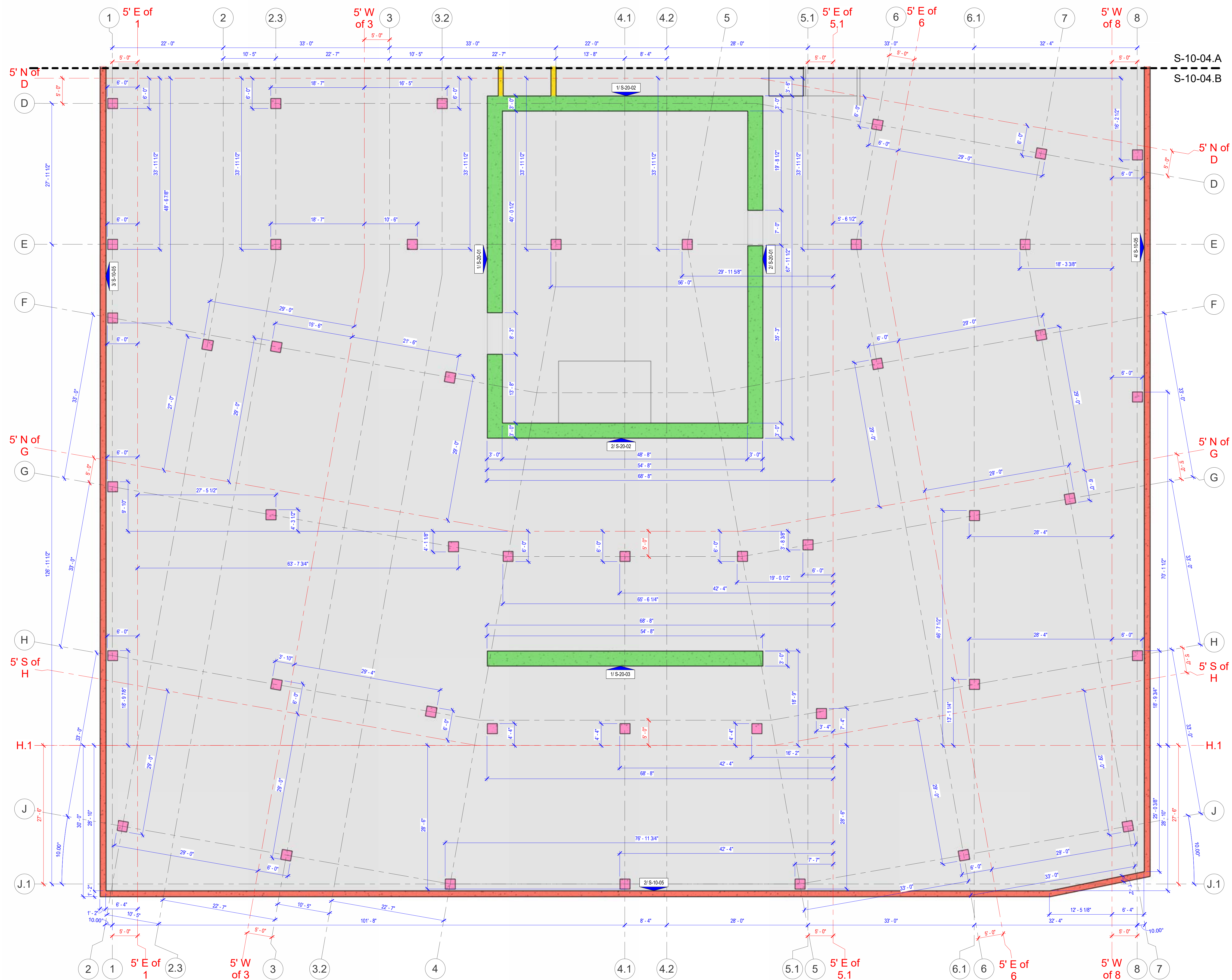
KEY PLAN:



DRAWING SCALE: As indicated

DRAWING NUMBER:

S-10-04.B



1 GARAGE - AREA B - VERTICAL PLAN
1/8" = 1'-0"

DATE _____

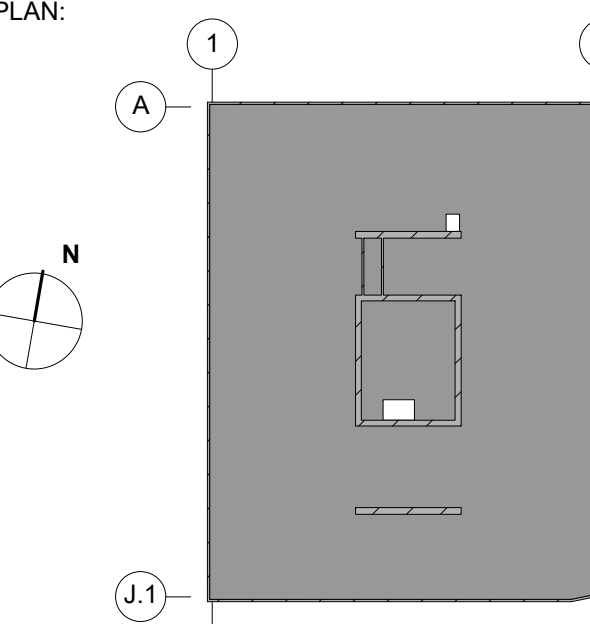
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KEY PLAN:



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DATE: 5/2/2023 3:09:55 PM

DRAWN BY: Author	CHECKED BY: Checker
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DRAWING SCALE: As indicated

SHEET TITLE: **ONE-CEILING ELEVATIONS**

DRAWING NUMBER:

S-10-05



	14" CONCRETE PERIMETER WALLS SECTION
	14" CONCRETE PERIMETER WALLS
	42" CONCRETE MAT FOUNDATION SLAB, T.O.S. = 86' 0"

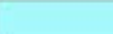
REVISION	DESCRIPTION	DATE

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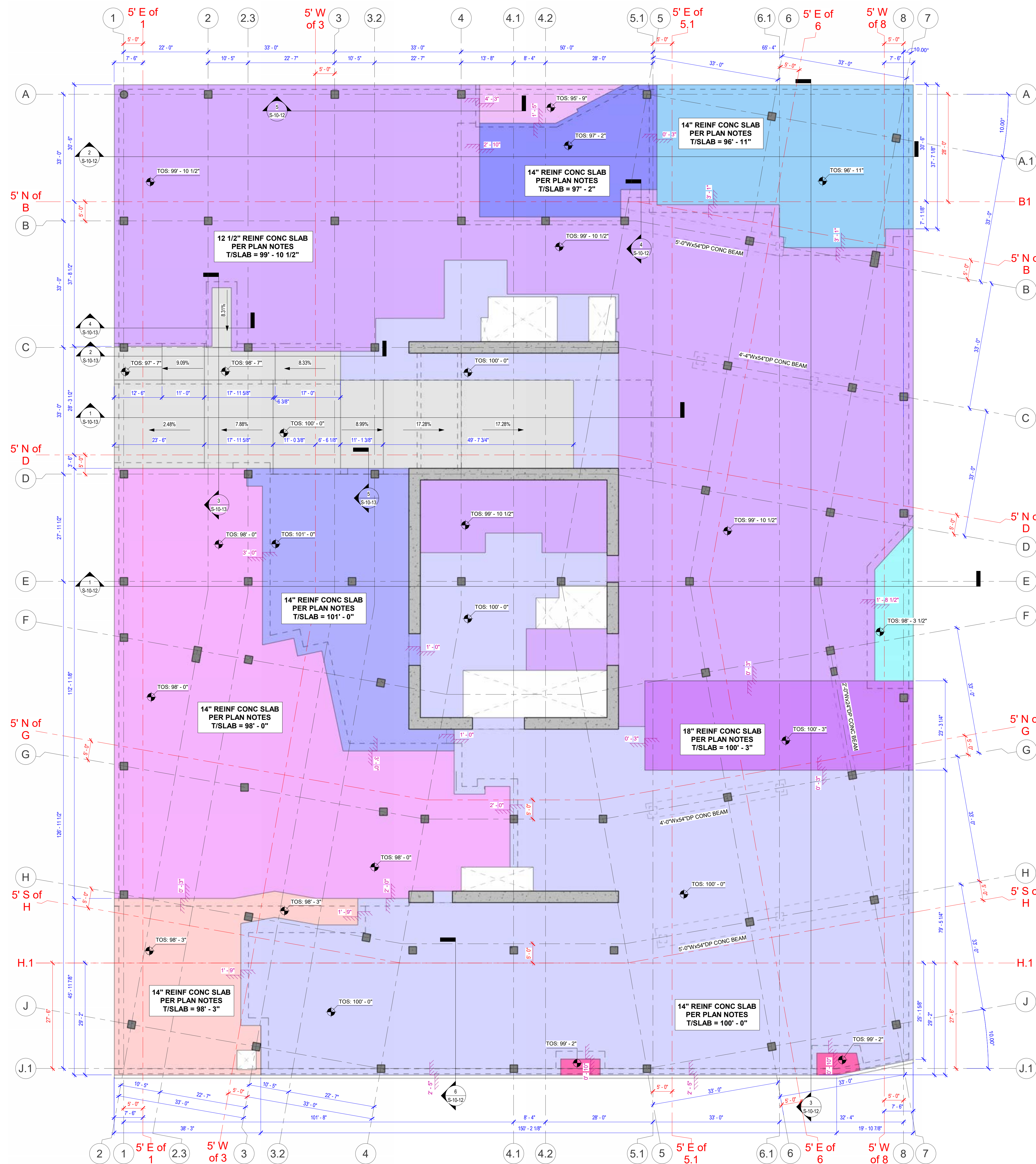
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TOP OF SLAB LEGEND

- | | |
|---|---------------------------|
|  | TOP OF SLAB = 101' 0" |
|  | TOP OF SLAB = 100' 3" |
|  | TOP OF SLAB = 100' 0" |
|  | TOP OF SLAB = 99' 10 1/2" |
|  | TOP OF SLAB = 99' 2" |
|  | TOP OF SLAB = 98' 3 1/2" |
|  | TOP OF SLAB = 98' 3" |
|  | TOP OF SLAB = 98' 0" |
|  | TOP OF SLAB = 97' 2" |
|  | TOP OF SLAB = 96' 11" |
|  | TOP OF SLAB = 95' 9" |
|  | RAMP SLAB |
|  | CONCRETE WALLS |
|  | CONCRETE COLUMNS |

LEVEL 01 - SLAB PLAN - OVERALL

DRAWING NUMBER: S-10-11



1 LEVEL 01 - SLAB PLAN OVERALL
3/32" = 1'-0"

SLAB PLAN - LEVEL 01 - PART 1



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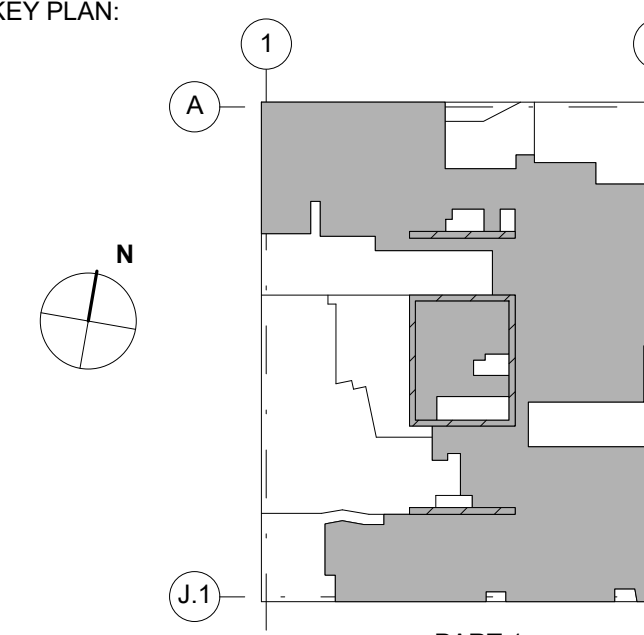
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FIELD APPROVAL STAMP:

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KEY PLAN:



PART 1

JOB NUMBER: Project Number

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DRAWING SCALE: As indicated

SHEET TITLE:

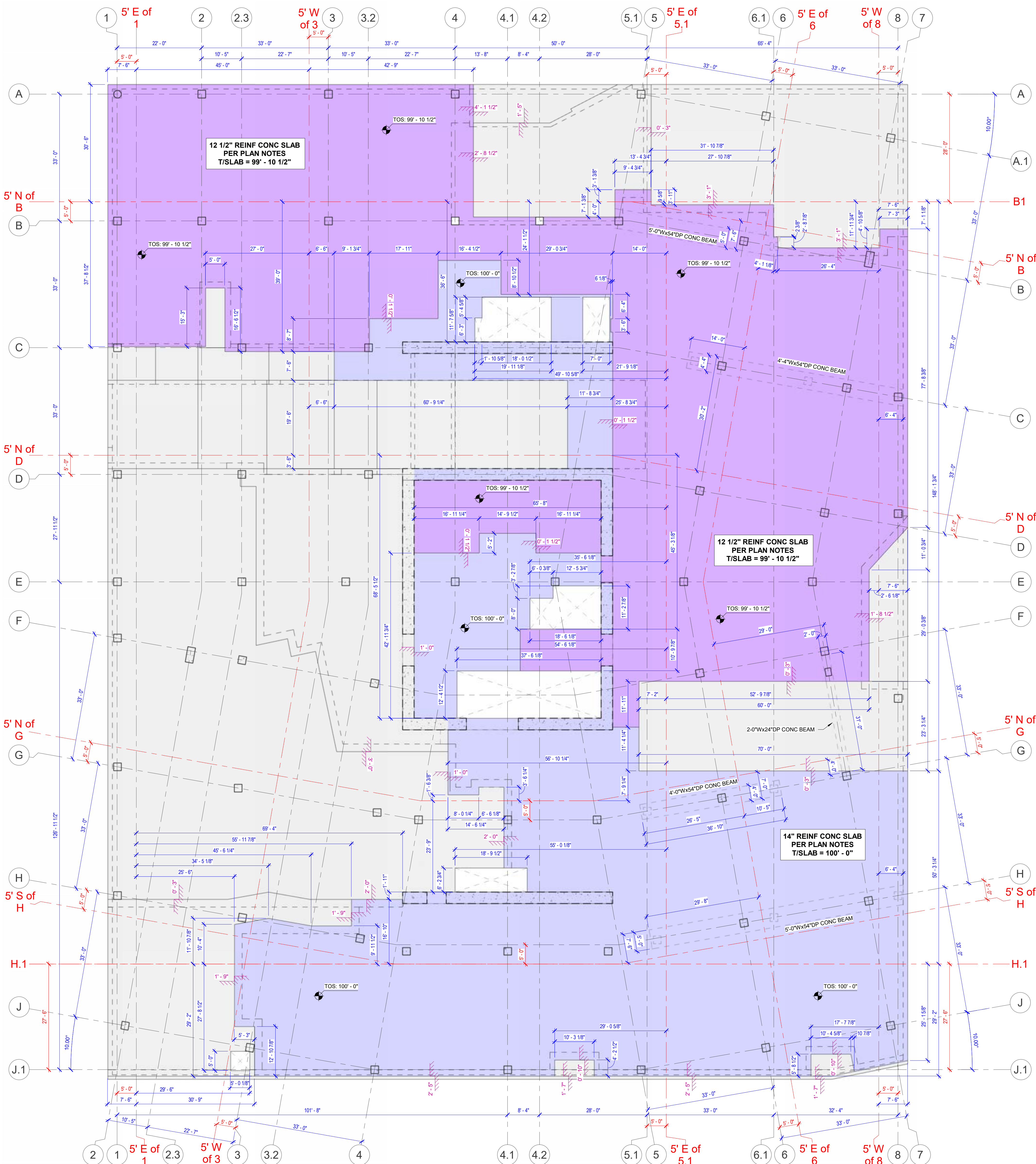
LEVEL 01 - SLAB PLAN - PART 1

DRAWING NUMBER:

S-10-14

TOP OF SLAB LEGEND

- TOP OF SLAB = 100' 0"
- TOP OF SLAB = 99' 10 1/2"
- OTHER SLAB



1 LEVEL 01 SLAB PLAN PART 1

3/32\" = 1'-0"

SLAB PLAN - LEVEL 01 - PART 2



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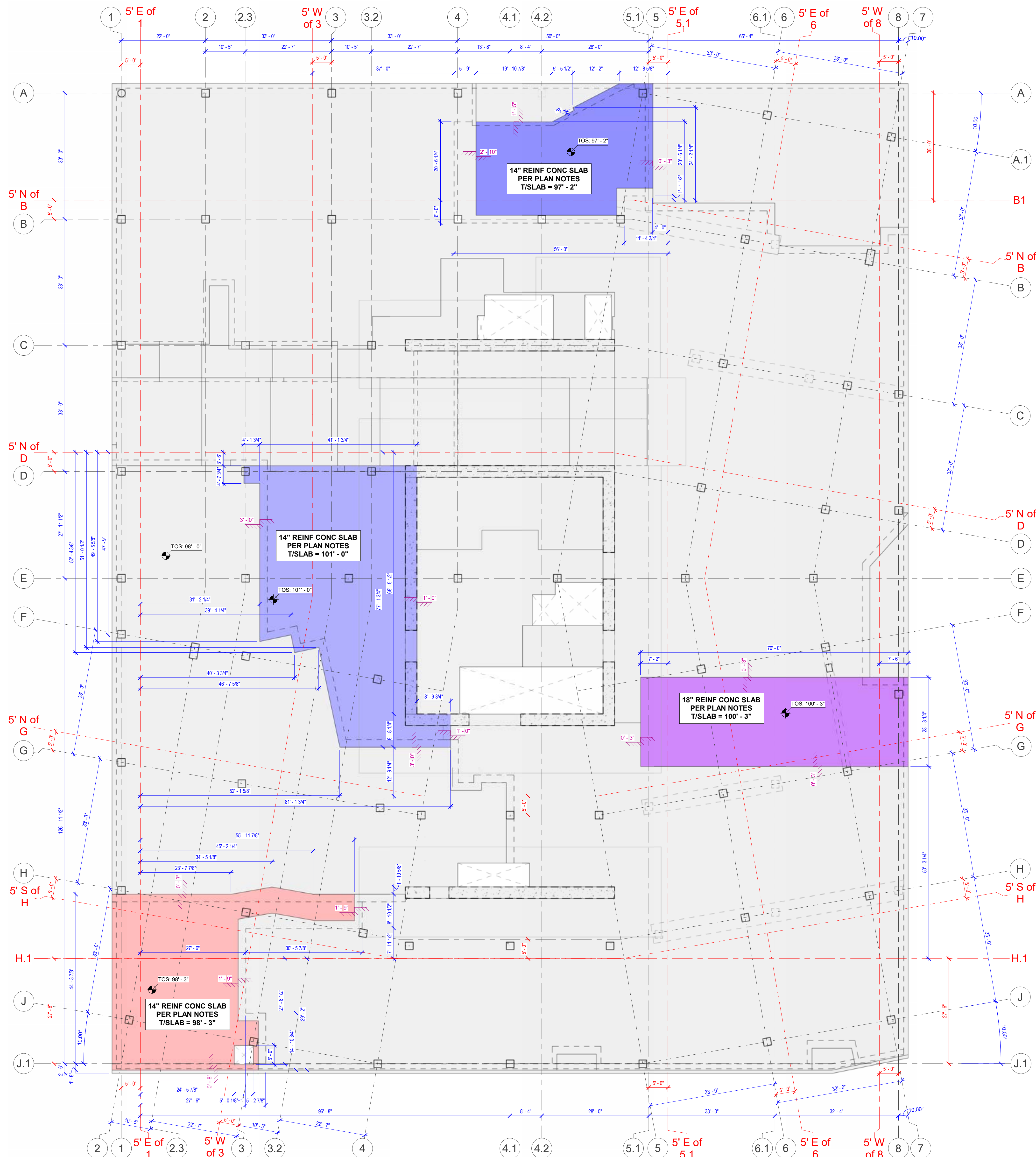
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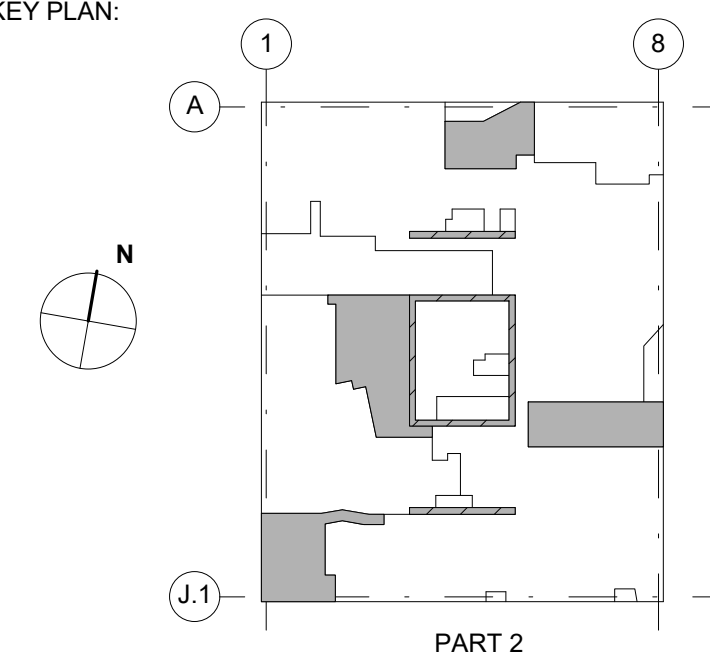
LEVEL 01 - SLAB SCHEDULE PART 2					
FLOOR TYPE	BOS	SLAB THICKNESS	TOS	AREA	VOLUME
14" REINF CONC SLAB	96' - 0"	1' - 2"	97' - 2"	1504 SF	62.99 CY
14" REINF CONC SLAB	97' - 1"	1' - 2"	98' - 3"	1977 SF	84.19 CY
14" REINF CONC SLAB	99' - 10"	1' - 2"	101' - 0"	2634 SF	112.33 CY
18" REINF CONC SLAB	98' - 9"	1' - 6"	100' - 3"	1629 SF	90.50 CY
Grand total				7744 SF	350.01 CY

TOP OF SLAB LEGEND

- TOP OF SLAB = 100' 3"
- TOP OF SLAB = 101' 0"
- TOP OF SLAB = 98' 3"
- TOP OF SLAB = 97' 2"
- OTHER SLAB

ORIGINAL PRINT SIZE = 30x42

KEY PLAN:



JOB NUMBER: Project Number

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DRAWING SCALE: As indicated

SHEET TITLE:

LEVEL 01 - SLAB PLAN - PART 2

DRAWING NUMBER:

S-10-15

1 LEVEL 01 SLAB PLAN PART 2
3/32" = 1'-0"

SLAB PLAN - LEVEL 01 - PART 3



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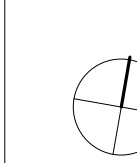
REVISION DESCRIPTION

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FIELD APPROVAL STAMP:

ORIGINAL PRINT SIZE = 30x42

KEY PLAN:



PART 3

JOB NUMBER: Project Number

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DRAWN BY: Author CHECKED BY: Checker

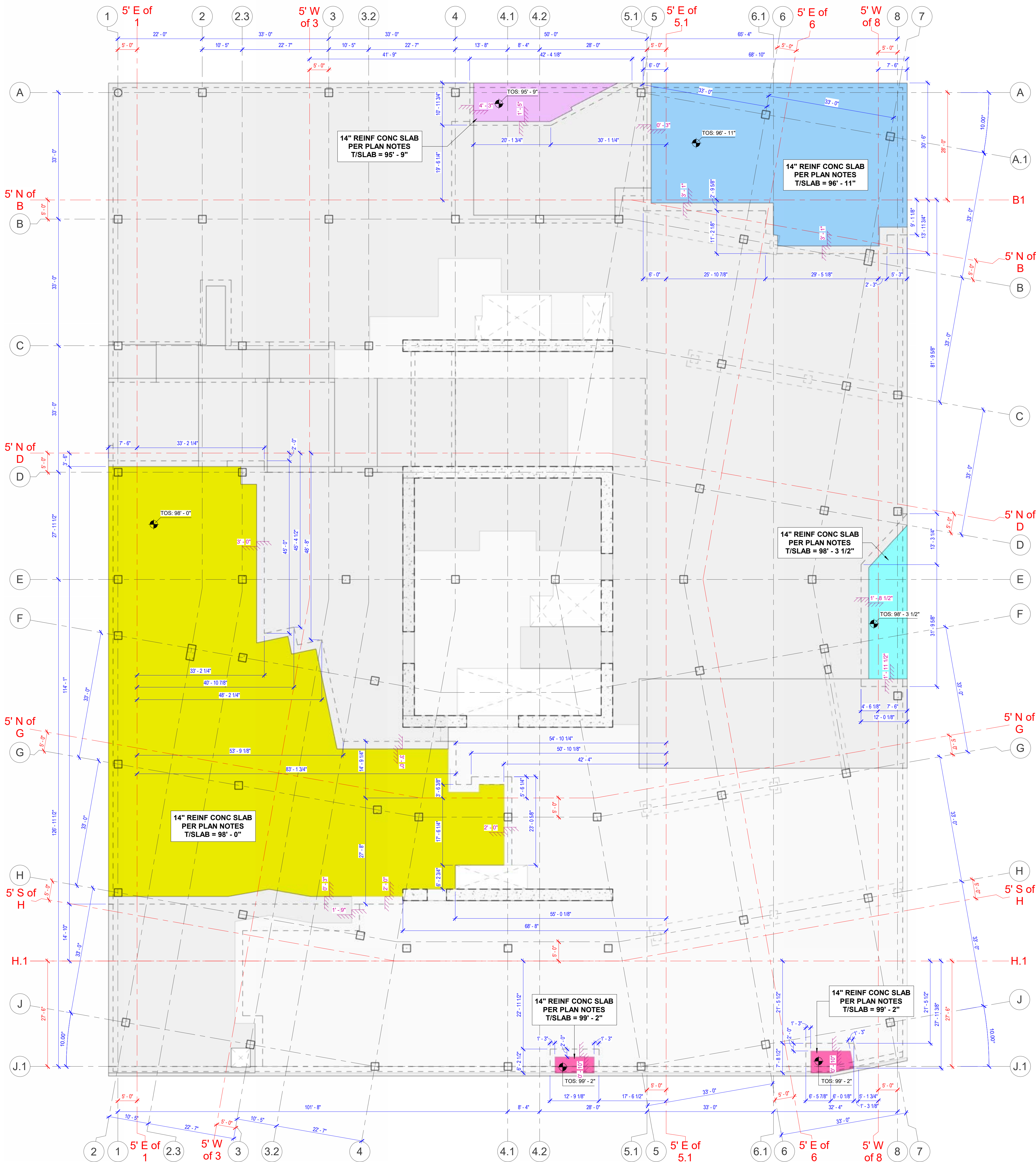
DRAWING SCALE: As indicated

SHEET TITLE:

LEVEL 01 - SLAB PLAN - PART 3

DRAWING NUMBER:

S-10-16



LEVEL 01 - SLAB SCHEDULE PART 3					
FLOOR TYPE	BOS	SLAB THICKNESS	TOS	AREA	VOLUME
14" REINF CONC SLAB	94' - 7"	1' - 2"	95' - 9"	349 SF	15.06 CY
14" REINF CONC SLAB	95' - 9"	1' - 2"	96' - 11"	2679 SF	115.76 CY
14" REINF CONC SLAB	96' - 10"	1' - 2"	98' - 0"	7623 SF	323.29 CY
14" REINF CONC SLAB	97' - 1 1/2"	1' - 2"	98' - 3 1/2"	462 SF	19.94 CY
Grand total				11112 SF	474.07 CY

TOP OF SLAB LEGEND

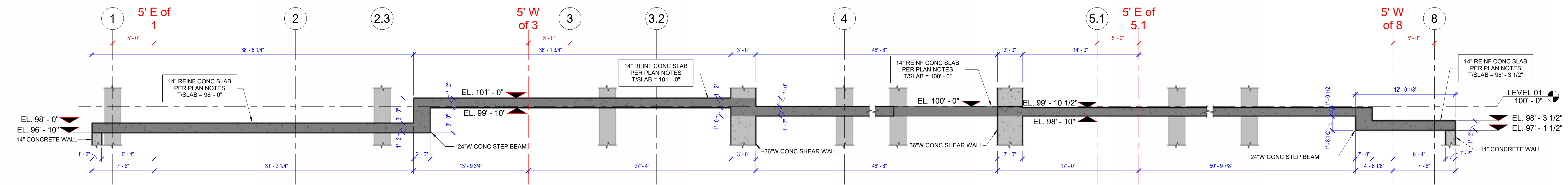
- TOP OF SLAB = 99' 2"
- TOP OF SLAB = 98' 3 1/2"
- TOP OF SLAB = 98' 0"
- TOP OF SLAB = 96' 11"
- TOP OF SLAB = 95' 9"
- OTHER SLAB

1 LEVEL 01 SLAB PLAN PART 3
3/32" = 1'-0"

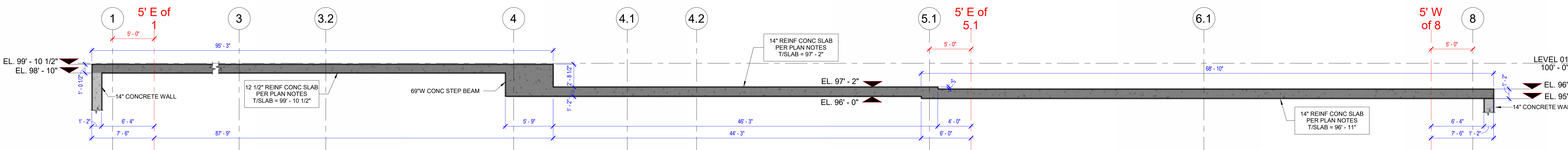
SLAB PLAN - LEVEL 01 - SECTIONS



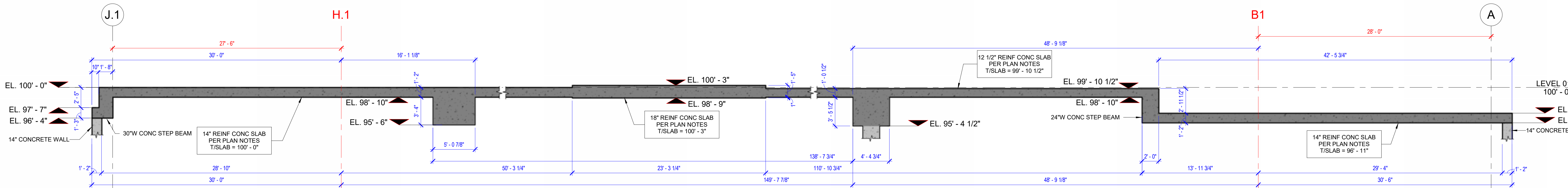
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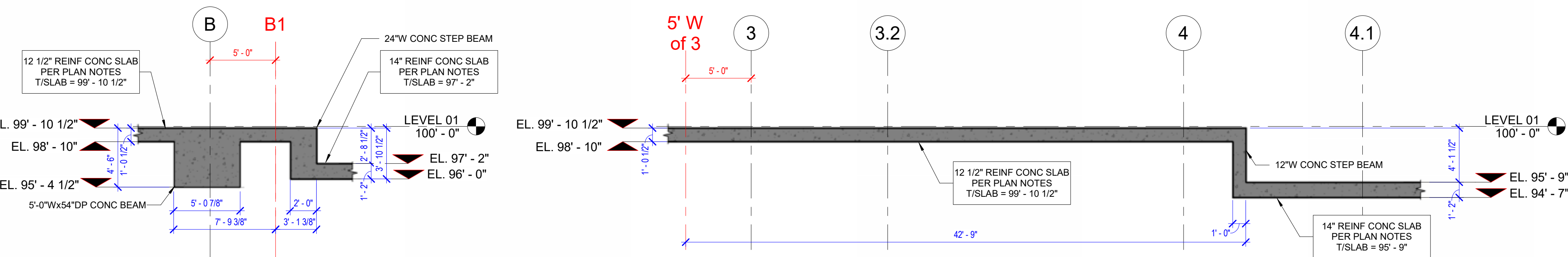
1 LEVEL 1 - ENLARGED SECTION 1
3/16" = 1'-0"



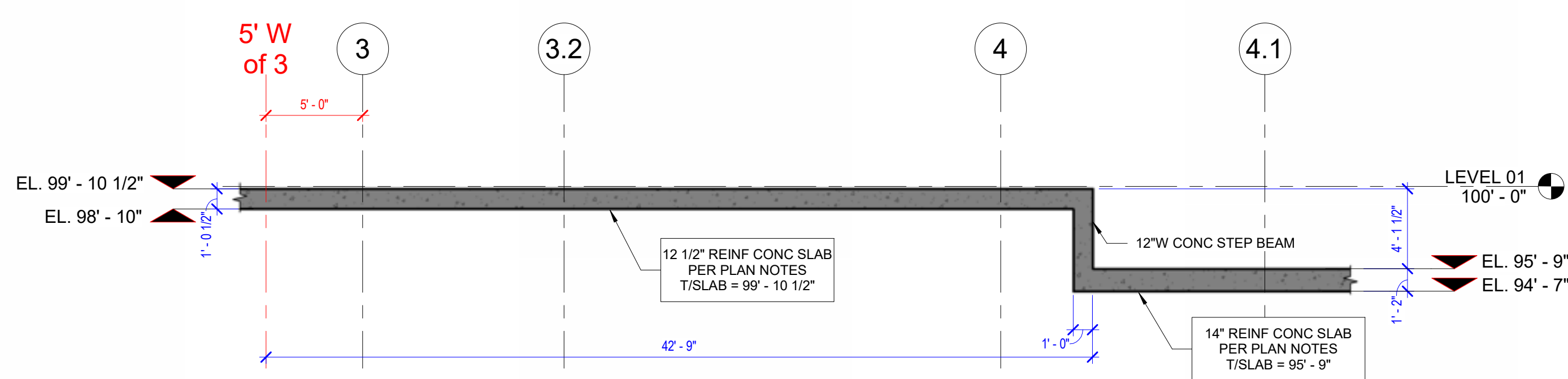
2 LEVEL 1 - ENLARGED SECTION 2
3/16" = 1'-0"



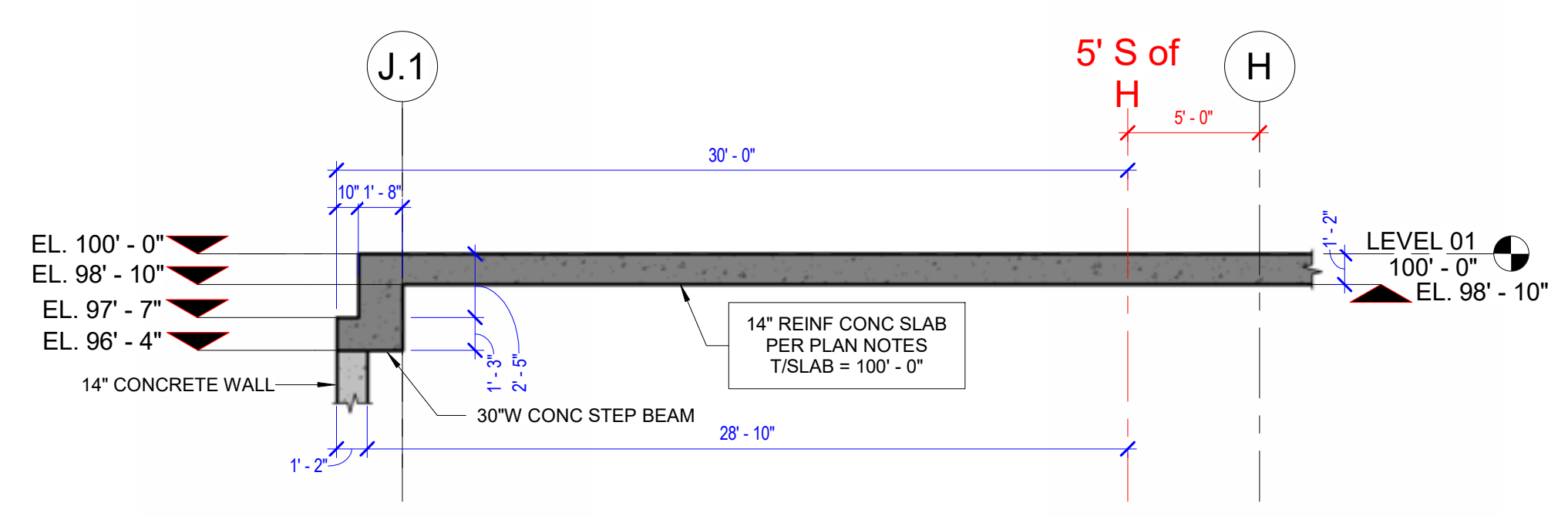
3 LEVEL 1 - ENLARGED SECTION 3
3/16" = 1'-0"



4 LEVEL 1 - ENLARGED SECTION 4
3/16" = 1'-0"



5 LEVEL 1 - ENLARGED SECTION 5
3/16" = 1'-0"



6 LEVEL 1 - ENLARGED SECTION 6
3/16" = 1'-0"

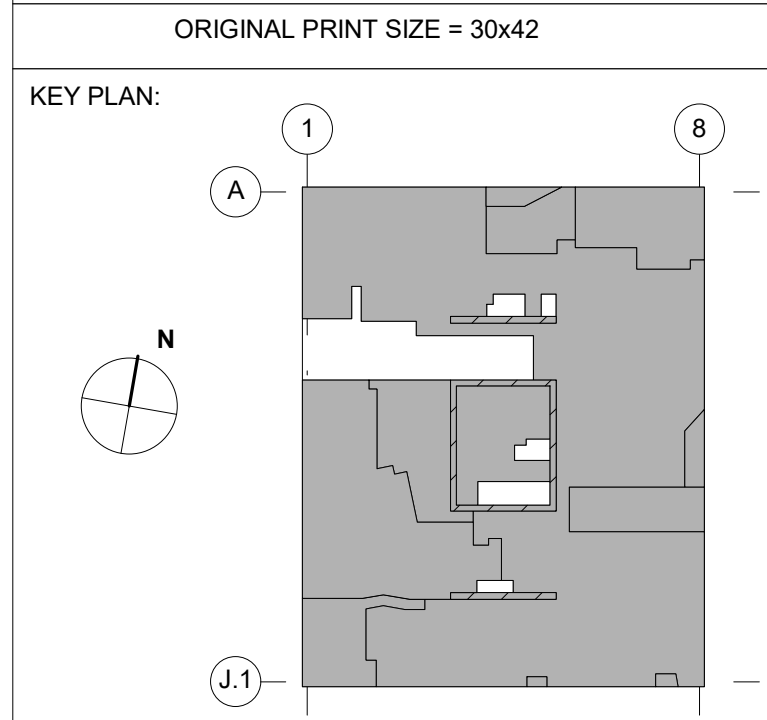
SECTIONS LEGEND

- CONCRETE WALLS
- CONCRETE COLUMNS
- CONCRETE SLAB

DATE	
REVISION	
DESCRIPTION	

BIM COORDINATOR APPROVAL STAMP:

FIELD APPROVAL STAMP:



JOB NUMBER:	Project Number
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DRAWING SCALE:	As indicated
SHEET TITLE:	

LEVEL 01 - SLAB PLAN - SECTIONS

DRAWING NUMBER: S-10-12

[illegible]

FIELD APPROVAL STAMP:

DRAWING NUMBER: S-10-13



LEVEL 01 - RAMP SLAB SLOPED SCHEDULE			
FLOOR TYPE	SLAB THICKNESS	AREA	VOLUME
14" REINF CONC SLAB	1' - 2"	3529 SF	3890.69 CF

LEVEL 01 - OTHER RAMP ELEMENTS		
RAMP TYPE	AREA	VOLUME
OTHER RAMP SLAB ELEMENTS	46 SF	51.63 CF

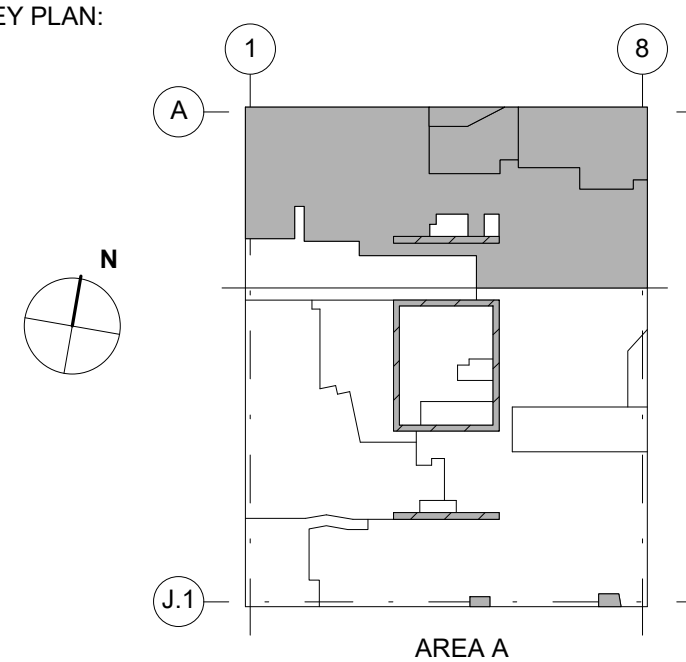
	CONCRETE WALLS
	CONCRETE COLUMNS
	CONCRETE SLAB
	3" RAT SLAB

[illegible]

FIELD APPROVAL STAMP:

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KEY PLAN:



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DRAWING SCALE: As indicated

LEVEL 01 - AREA A - VERTICAL
PLAN

DRAWING NUMBER:



PLAN NOTES:

- ### TOP OF SLAB LEGEND

-  36" CONCRETE SHEAR WALLS
-  CONCRETE SLAB
-  CONCRETE COLUMNS

LEVEL 01 - AREA A - SHEAR WALL SCHEDULE				
WALL TYPE	WIDTH	HEIGHT	AREA	VOLUME
36"W CONC SHEAR WALL	3' - 0"	14' - 7"	797 SF	88.58 CY

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[illegible]

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BIM COORDINATOR APPROVAL STAMP:

FIELD APPROVAL STAMP:

36" CONCRETE SHEAR WALLS

CONCRETE SLAB

CONCRETE COLUMNS

PLAN NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
2. REINFORCING SHALL BE SUPPORTED TO MAINTAIN PROPER POSITION IN THE SLAB.
3. CONTRACTOR TO COORDINATE EMBED PLATES REQUIRED FOR STAIRS, GUARDRAILS, INTERIOR AND EXTERIOR WALLS, WINDOW WASHING ANCHORS, ETC.
4. WOOD [STEEL] STUD, SHEAR WALL AND HOLD-DOWN REQUIREMENTS PER STUD AND SHEAR WALL PLAN. CONTRACTOR TO COORDINATE ALL EMBED REQUIREMENTS FOR INSTALLATION OF HOLD-DOWNS AND SHEAR WALL ANCHORS OR EMBEDS.
5. ALL THE COLUMNS ARE CC1 TYPE 24" SQUARE UNLESS OTHERWISE NOTED.

MARK	SECTION TYPE	HEIGHT	VOLUME	QUANTITY
CC1-1	24"SQ	10' - 9"	1.59 CY	1
CC1-2	24"SQ	11' - 9"	3.33 CY	2
CC1-4	24"SQ	12' - 6"	5.41 CY	3
CC1-5	24"SQ	13' - 6"	1.99 CY	1
CC1-6	24"SQ	13' - 9"	10.19 CY	5
CC1-7	24"SQ	14' - 6"	2.15 CY	1
CC1-8	24"SQ	14' - 7"	47.49 CY	22
CC1-10	24"SQ	15' - 10 1/2"	7.06 CY	3
CC1-11	24"SQ	16' - 4"	2.42 CY	1
CC1-12	24"SQ	16' - 7"	7.37 CY	3
CC3-1	24"x48"	14' - 6"	4.30 CY	1
CC4	18"x24"	14' - 8 1/2"	1.63 CY	1
Grand total: 44			94.93 CY	

WALL TYPE	WIDTH	HEIGHT	AREA	VOLUME
36"W CONC SHEAR WALL	3' - 0"	14' - 0"	794 SF	88.25 CY
36"W CONC SHEAR WALL	3' - 0"	14' - 7"	2898 SF	322.03 CY
Grand total:			3693 SF	410.28 CY

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SHEET TITLE:

LEVEL 01 - AREA B - VERTICAL
PLAN

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S-10-17.B

CURB AND PAD PLAN - LEVEL 1



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LEVEL 1 - CURBS AND PADS SCHEDULE 6"			
PAD TYPE	TOP	AREA	VOLUME
PAD - 6"	97' - 8"	16 SF	0.30 CY
PAD - 6"	98' - 6"	149 SF	2.75 CY
PAD - 6"	100' - 6"	972 SF	18.01 CY
Grand total:		1137 SF	21.06 CY

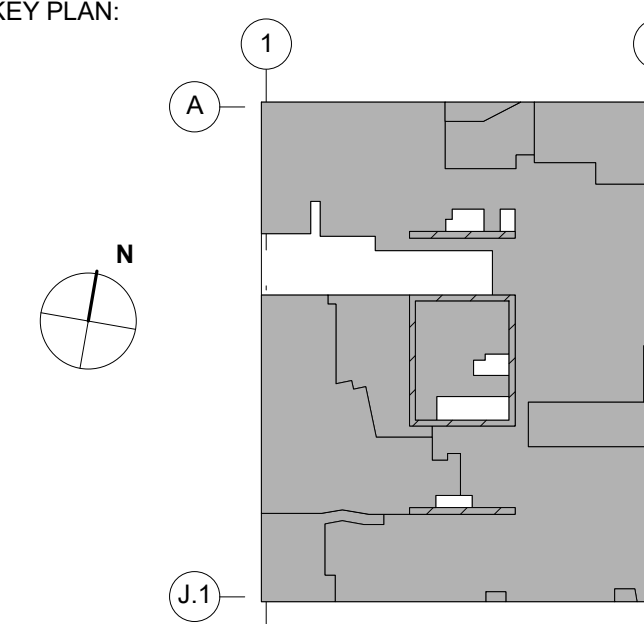
LEVEL 1 - CONCRETE WALLS CURB			
Type	HEIGHT	Area	Volume
6"W CONCRETE WALL	2' - 0"	429 SF	214.58 CF
6"W CONCRETE WALL	2' - 5"	81 SF	40.25 CF
6"W CONCRETE WALL	2' - 9 7/8"	47 SF	23.28 CF
Grand total:		557 SF	278.10 CF

CURB AND PAD LEGEND

- CURBS AND PADS - 6", T.O.P. = 100' 6"
- CURBS AND PADS - 6", T.O.P. = 98' 6"
- CURBS AND PADS - 6", T.O.P. = 97' 8"
- CONCRETE COLUMNS
- CONCRETE WALLS
- CONCRETE WALLS CURB
- CONCRETE FLOOR

ORIGINAL PRINT SIZE = 30x42

KEY PLAN:



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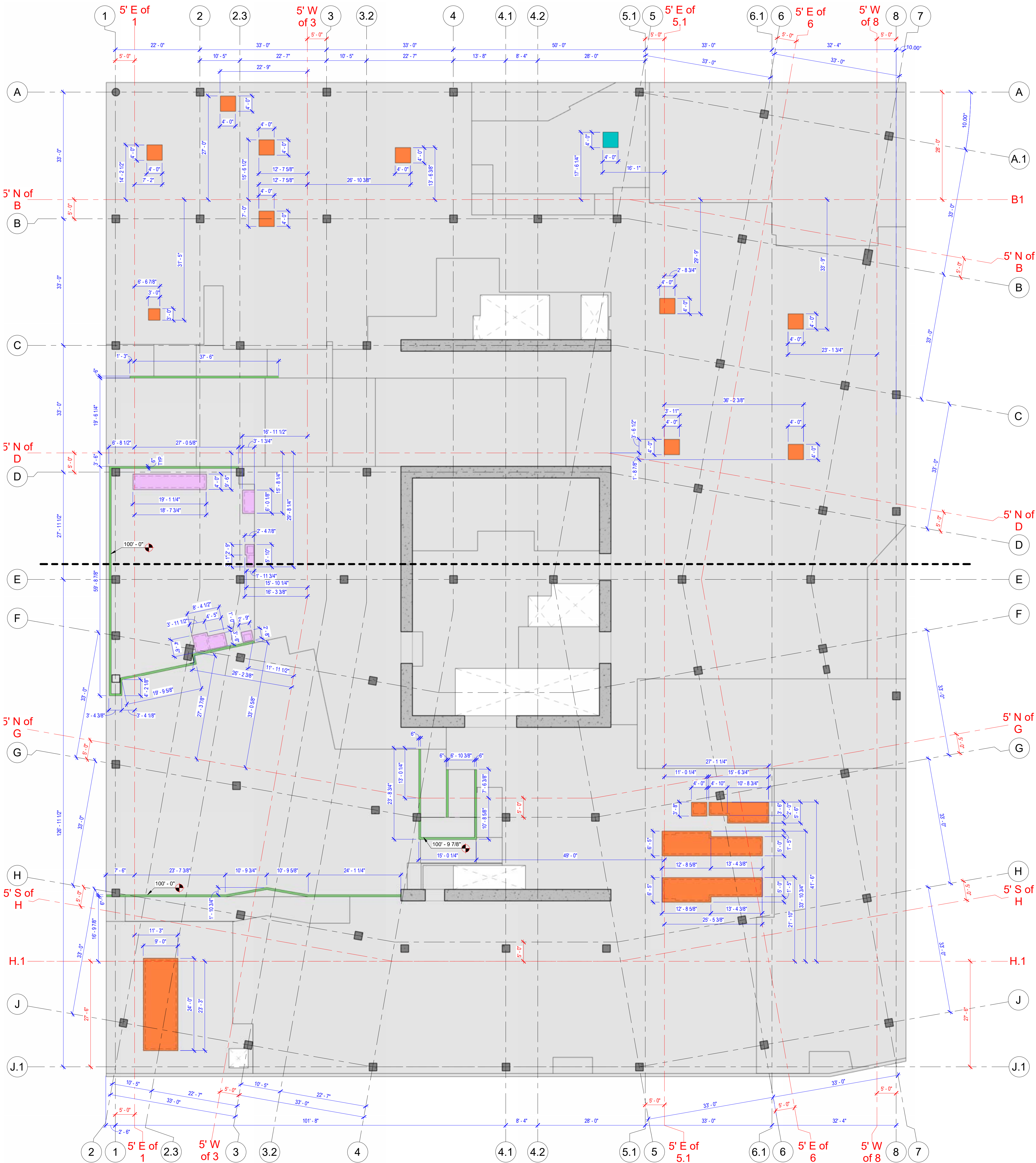
DRAWING SCALE: As indicated

SHEET TITLE:

LEVEL 1 - CURB AND PAD PLAN

DRAWING NUMBER:

S-30-01



1 LEVEL 01 - CURB AND PAD PLAN

3/32" = 1'-0"

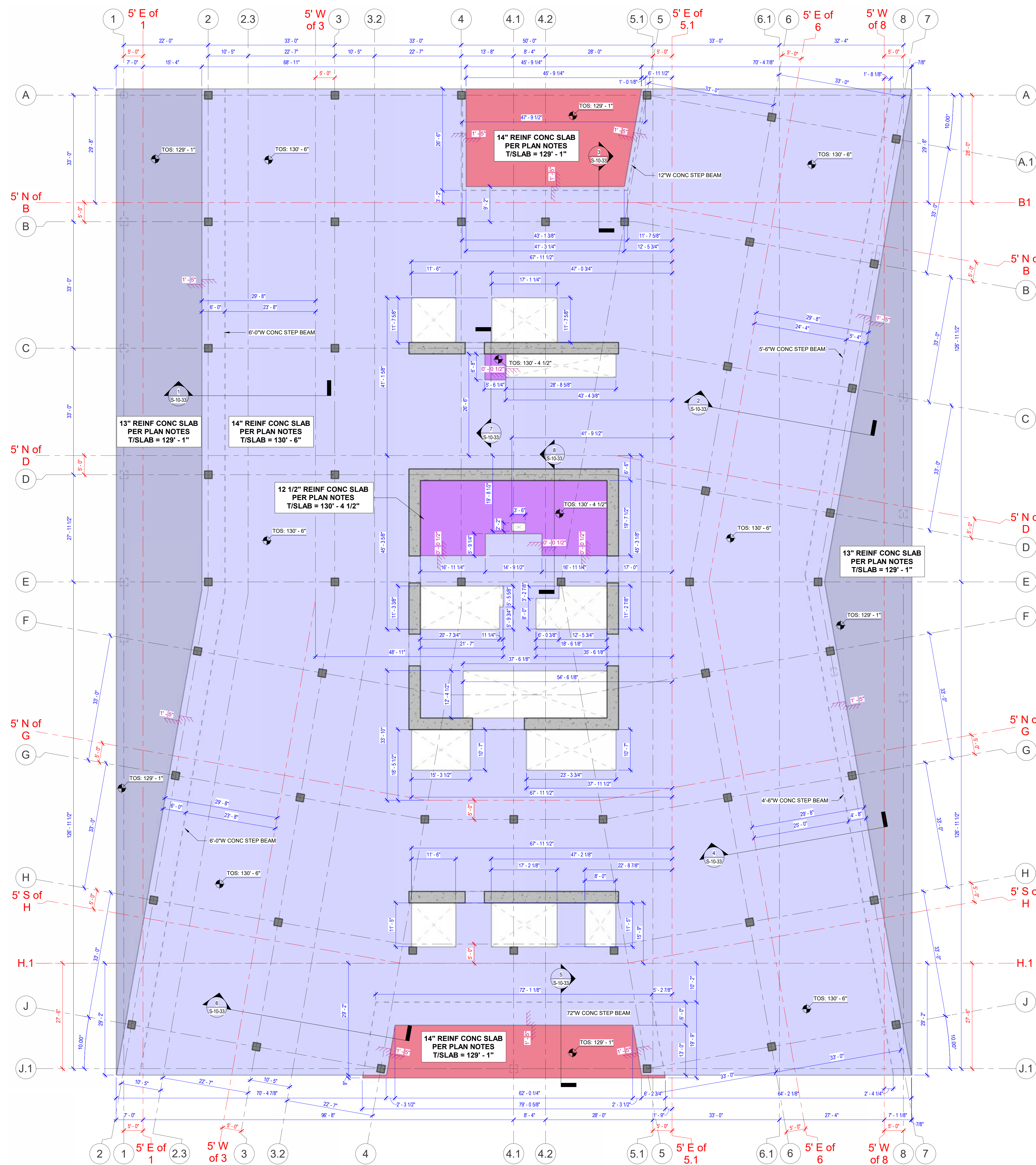
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PLAN NOTES:

1. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
2. REINFORCING SHALL BE SUPPORTED TO MAINTAIN PROPER POSITION IN THE SLAB.
3. CONTRACTOR TO COORDINATE EMBED PLATES REQUIRED FOR STAIRS, GUARDRAILS, INTERIOR AND EXTERIOR WALLS, WINDOW WASHING ANCHORS, ETC.
4. WOOD (STEEL) STUD, SHEAR WALL AND HOLD-DOWN REQUIREMENTS PER STUD AND SHEAR WALL PLAN. CONTRACTOR TO COORDINATE ALL EMBED REQUIREMENTS FOR INSTALLATION OF HOLD-DOWNS AND SHEAR WALL ANCHORS OR EMBEDS.

LEVEL 03 - SLAB SCHEDULE						
FLOOR TYPE	BOS	SLAB THICKNESS	TOS	AREA	VOLUME	
12 1/2" REINF CONC SLAB	128' - 4"	1' - 0 1/2"	130' - 4 1/2"	899 SF	34.68 CY	
13" REINF CONC SLAB	128' - 0"	1' - 1"	129' - 1"	10130 SF	406.44 CY	
14" REINF CONC SLAB	129' - 4"	1' - 2"	130' - 6"	41032 SF	1773.01 CY	
14" REINF CONC SLAB	127' - 11"	1' - 2"	129' - 1"	2697 SF	116.54 CY	

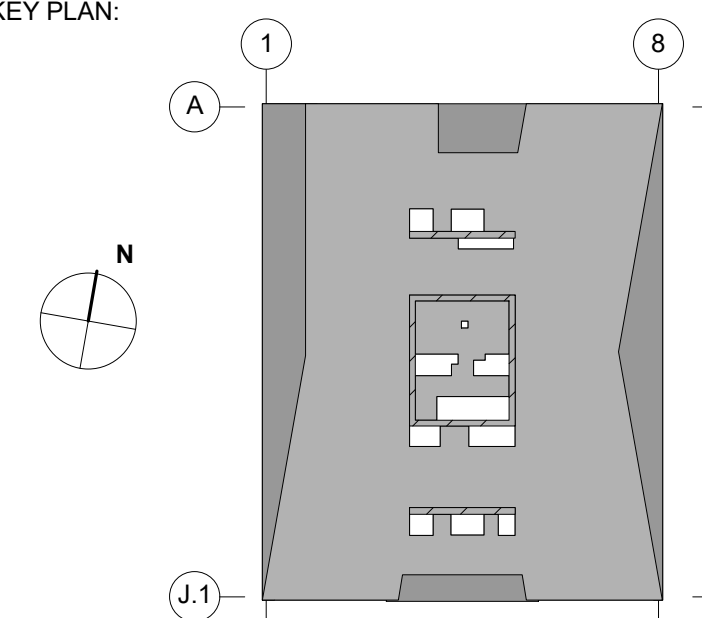
LEVEL 03 - OTHER SLAB ELEMENTS SCHEDULE	
ELEMENT TYPE	VOLUME
OTHER ELEMENTS	32.89 CY

TOP OF SLAB LEGEND

- | | |
|---|---|
|  | 14" REINFORCEMENT CONCRETE SLAB, T.O.S. = 130' 6" |
|  | 14" REINFORCEMENT CONCRETE SLAB, T.O.S. = 129' 1" |
|  | 13" REINFORCEMENT CONCRETE SLAB, T.O.S. = 129' 1" |
|  | 12 1/2" REINFORCEMENT CONCRETE SLAB, T.O.S. = 130' 4 1/2" |
|  | 36" CONCRETE SHEAR WALLS |
|  | CONCRETE COLUMNS |

ORIGINAL PRINT SIZE = 30x42

KEY PLAN:



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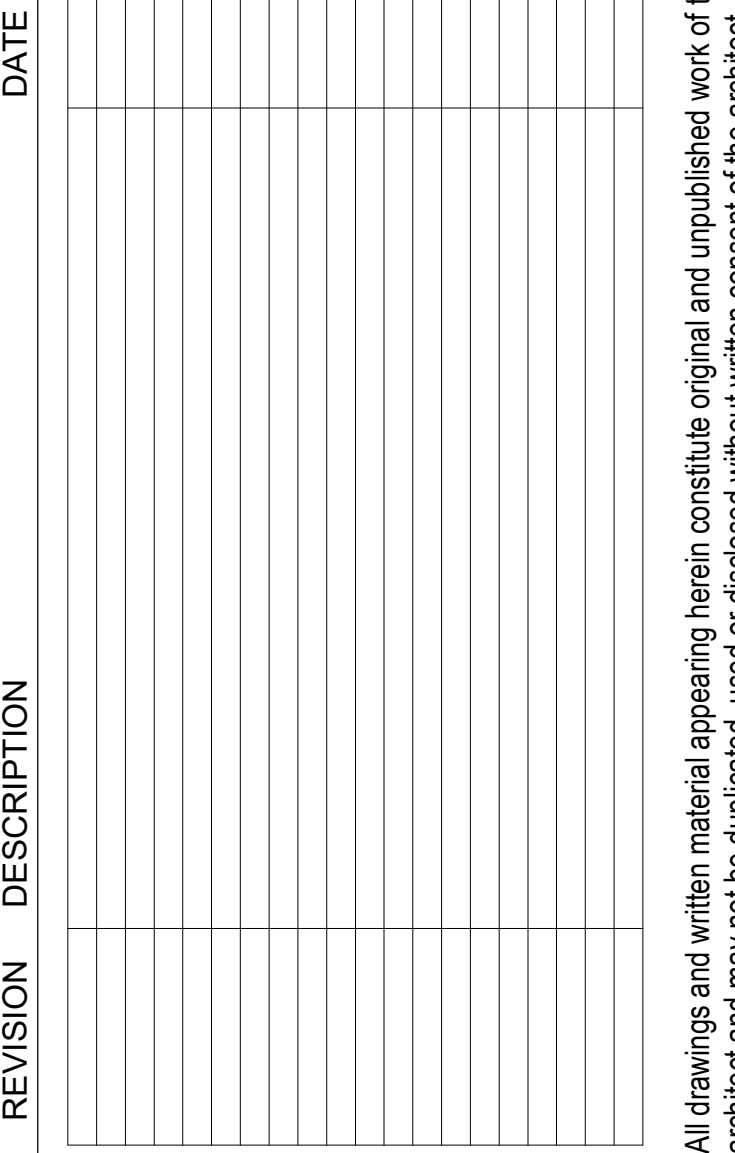
SHEET TITLE: _____

LEVEL 03 - SLAB PLAN

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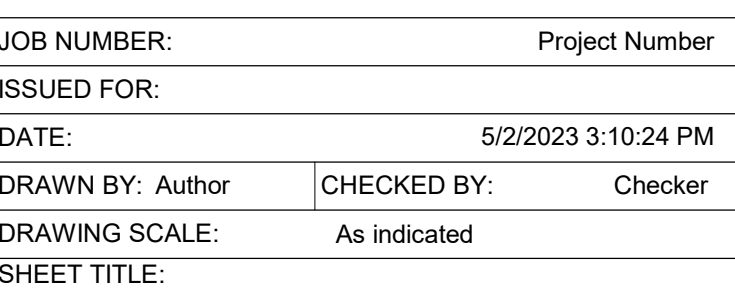


FIELD APPROVAL STAMP:

36" CONCRETE SHEAR WALLS

CONCRETE SLAB

CONCRETE COLUMNS



DRAWING NUMBER: S-10-32.A

VERTICAL PLAN - TYPICAL LEVEL - AREA B



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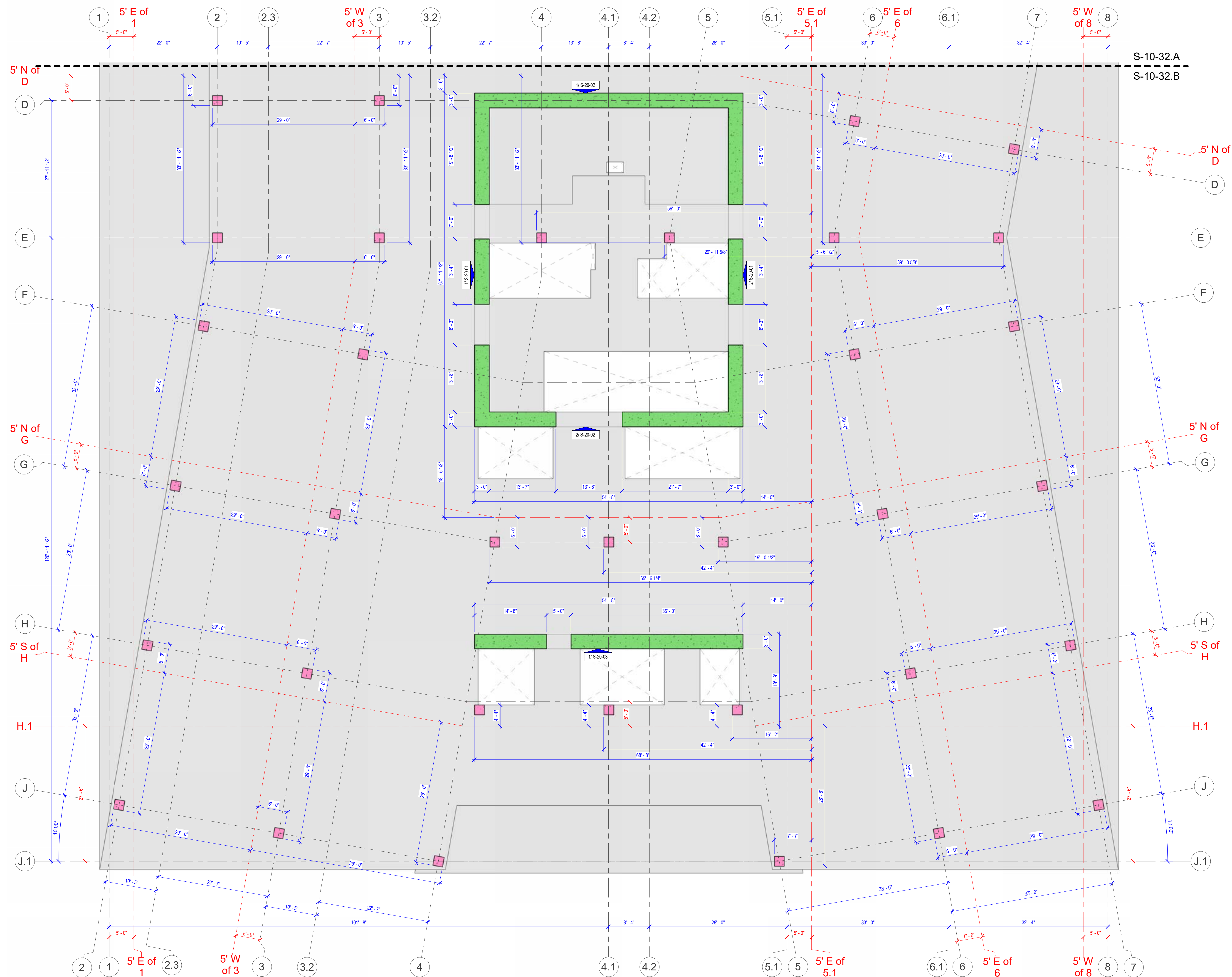
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TOP OF SLAB LEGEND

- 36" CONCRETE SHEAR WALLS
- CONCRETE SLAB
- CONCRETE COLUMNS

LEVEL 03 - AREA B - SHEAR WALL SCHEDULE

WALL TYPE	WIDTH	HEIGHT	AREA	VOLUME
36"W CONC SHEAR WALL	3' - 0"	13' - 7"	3441 SF	382.29 CY

LEVEL 03 - AREA B - STRUCTURAL COLUMN SCHEDULE

MARK	SECTION TYPE	HEIGHT	VOLUME	QUANTITY
CC1	24"SQ	13' - 7"	68.42 CY	34

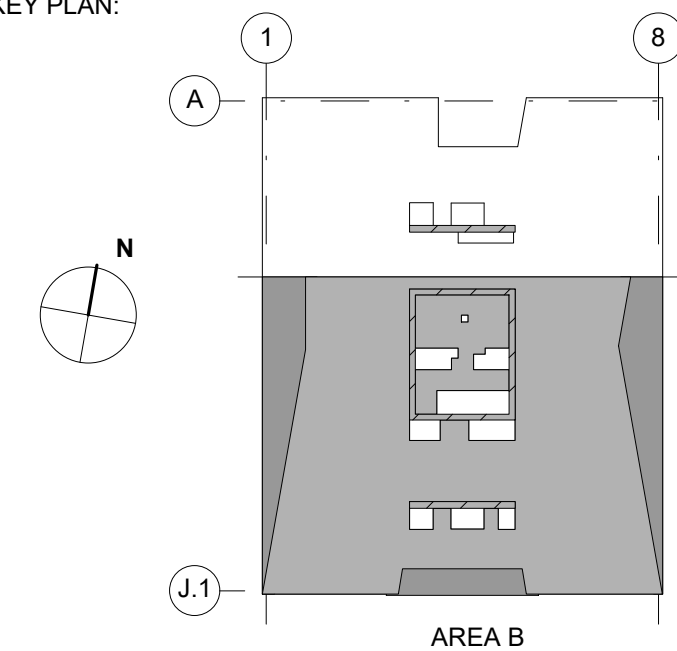
PLAN NOTES:

- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
- REINFORCING SHALL BE SUPPORTED TO MAINTAIN PROPER POSITION IN THE SLAB.
- CONTRACTOR TO COORDINATE EMBED PLATES REQUIRED FOR STAIRS, GUARDRAILS, INTERIOR AND EXTERIOR WALLS, WINDOW WASHING ANCHORS, ETC.
- WOOD (STEEL) STUD, SHEAR WALL AND HOLD-DOWN REQUIREMENTS PER STUD AND SHEAR WALL PLAN. CONTRACTOR TO COORDINATE ALL EMBED REQUIREMENTS FOR INSTALLATION OF HOLD-DOWNS AND SHEAR WALL ANCHORS OR EMBEDS.
- ALL THE COLUMNS ARE CC1 TYPE 24" SQUARE UNLESS OTHERWISE NOTED.

1 LEVEL 03 - AREA B - VERTICAL PLAN
1/8" = 1'-0"

ORIGINAL PRINT SIZE = 30x42

KEY PLAN:



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SHEET TITLE:

LEVEL 03 - AREA B - VERTICAL PLAN

DRAWING NUMBER: S-10-32.B

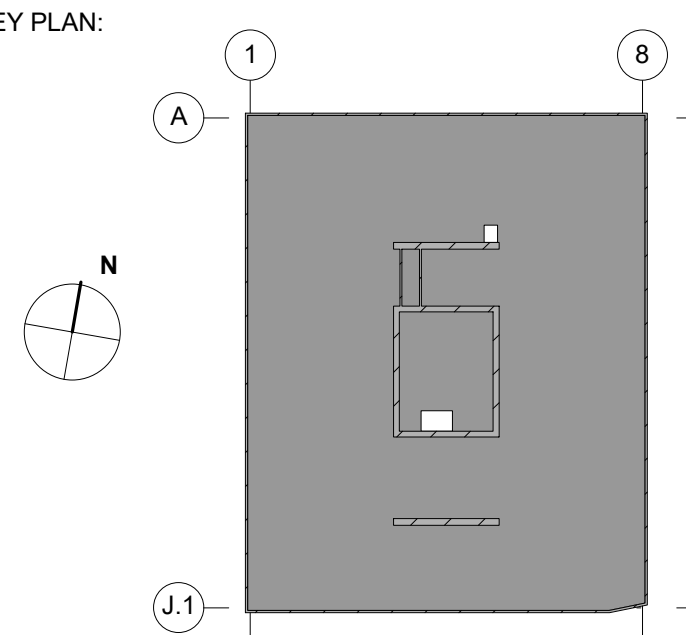
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	CONCRETE SLAB SECTION		36" CONCRETE SHEAR WALLS SURFACE
	CONCRETE SLAB		12" CONCRETE WALLS SECTION SURFACE
	3" RAT SLAB SECTION		
	3" RAT SLAB		

FIELD APPROVAL STAMP:

KEY PLAN:



DRAWING SCALE: As indicated

DRAWING NUMBER:

S-20-01