Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121

FIRST FLOOR LOADING LEGEND



DESIGN DEAD LOADS
SLAB ON GRADE.....SELF WT

DESIGN CABINETS STORAGE LOADS
FLOOR LOADS.....SINGLE ARRAY OF SINGLE 6,000LBS (4'-6" x 2'-0" RACK DIMENSIONS) SERVER CABINETS SEPARATED BY 6' HOT AISLES AND 6' COLD AISLES 3,000 LB (CONCENTRATED)

DESIGN LIVE LOADS
FLOOR LIVE (TYP).....40 PSF IN HOT AISLES, 100 PSF IN COLD AISLES

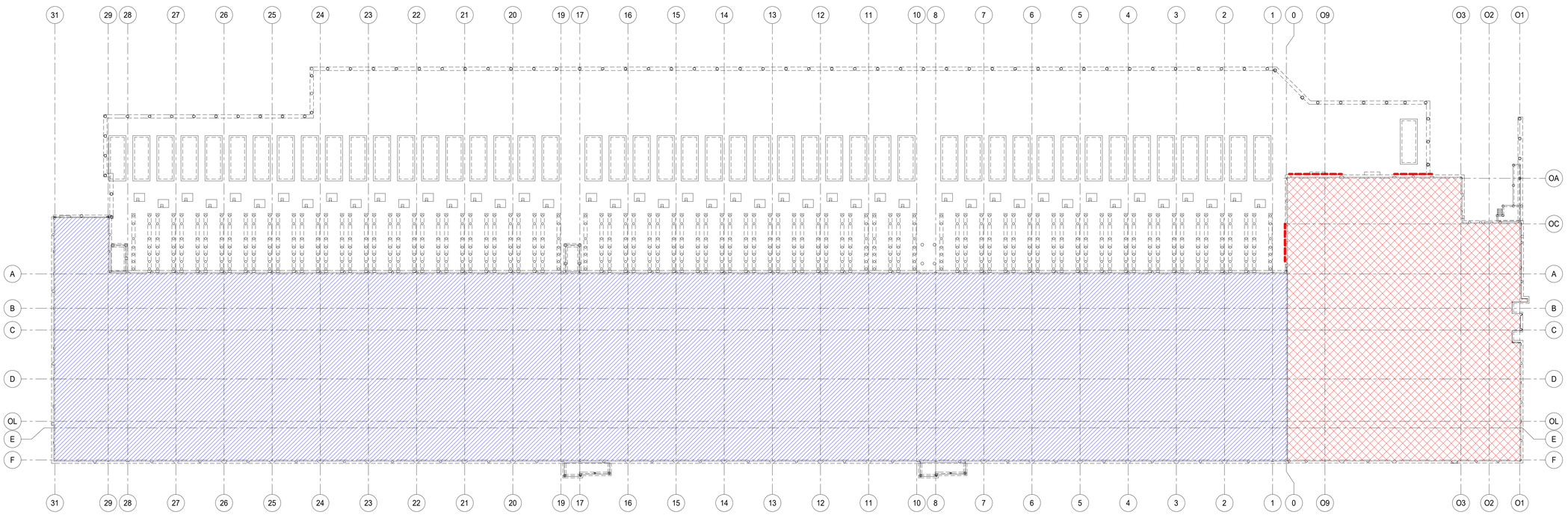
DESIGN DEAD LOADS
SLAB ON GRADE.....SELF WT

DESIGN LIVE LOADS
FLOOR LIVE LOADS.....250 PSF (REDUCIBLE) 2,000 LB (CONCENTRATED)
MECHANICAL/ELECTRICAL/STORAGE.....250 PSF (UNREDUCIBLE) 2,000 LB (CONCENTRATED)

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Approved as Noted: Dirk Anderson
Date: Jun 30, 2025
2021 INTERNATIONAL CODES & 2023 NEC



2 FIRST FLOOR LOADING DIAGRAM
1" = 40'-0"

3/28/2025 4:32:31 PM S0-03 LOADING DIAGRAM

CORGAN
401 N. Houston Street Dallas, TX
75202
T: 214.748.2000

AG/E

SYSKA HENNESSY GROUP

TLC DESIGN CONSULTING LLC

	ISSUES	
1	12.20.24	DESIGN DEVELOPMENT
2	01.31.25	ISSUE FOR PERMIT
3	05.30.25	FOUNDATION ONLY IFP
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	REVISIONS	
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KIVIO
65236
PROFESSIONAL ENGINEER

AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

S	Q	N	L	J	G	E	C	A
T	R	P	M	K	H	F	D	B

LOADING DIAGRAM

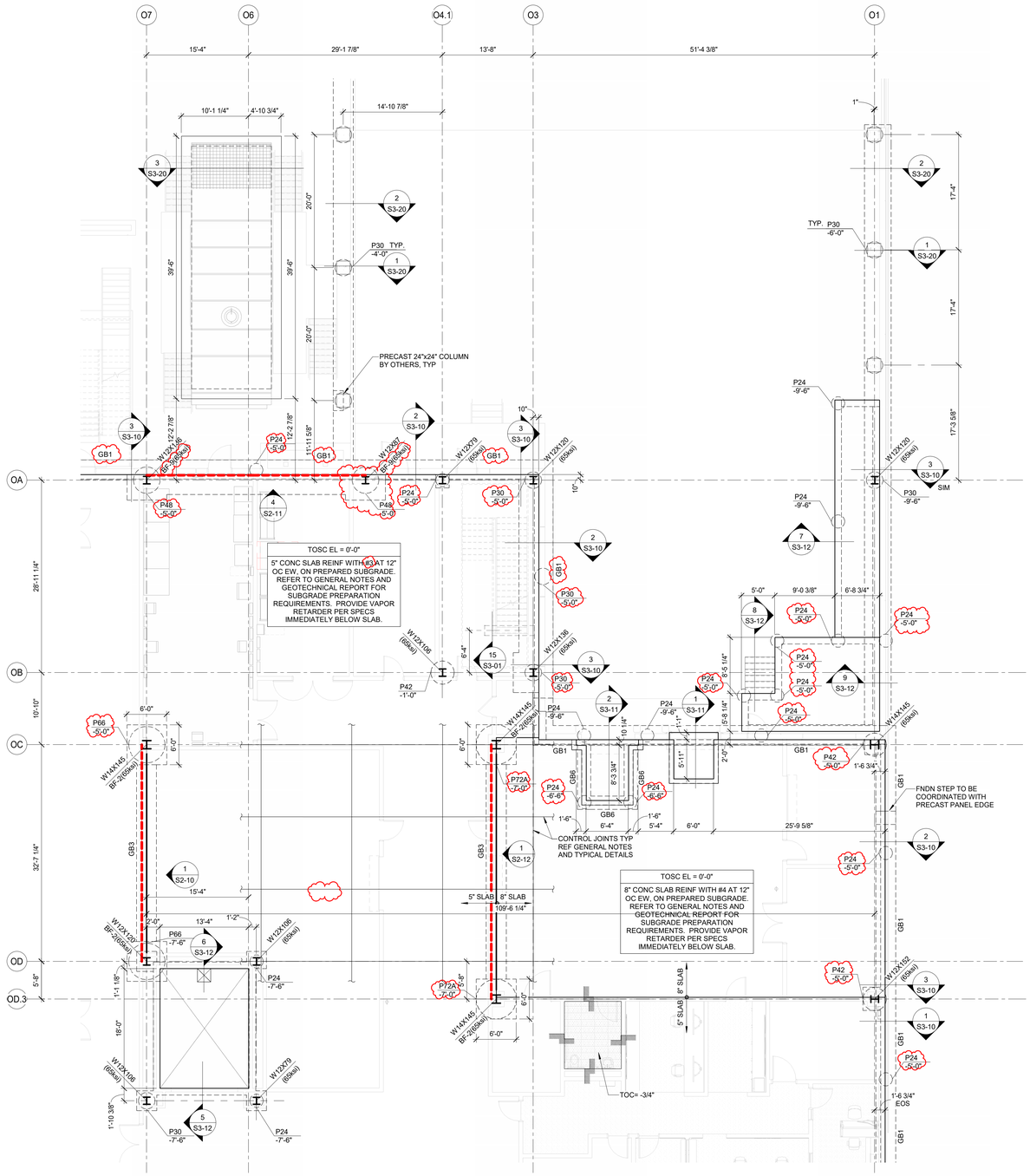
JOB 24464.0000
DATE 03.28.2025
SHEET

S0-03

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121

SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
2. VERIFY ALL WALL OPENING DIMENSIONS AND LOCATIONS WITH ARCH DRAWINGS.
3. DEVIATIONS FROM CONST JOINT/CONTROL JOINT PATTERN SHOWN MUST BE APPROVED BY THE ENGINEER OF RECORD.
4. REFER TO SHEET S3-00 FOR PIER SCHEDULE.
5. REFER TO SHEET S5-00 FOR COLUMN AND BASE PLATE SCHEDULE.
6. REFER TO S2-00 FOR BRACE FRAME ELEVATIONS.
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10. METAL STAIR AND CANOPY BY STAIR MANUF.



1 FOUNDATION PLAN - SEGMENT A
1/8" = 1'-0"

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75202
T: 214.748.2000

AG/E

SYSKA HENNESSY GROUP

TLD DESIGN CONSULTING LLC

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REVISIONS		
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KIVLIN
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

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T	R	P	M	K	H	F	D	B	

FOUNDATION PLAN - SEGMENT A

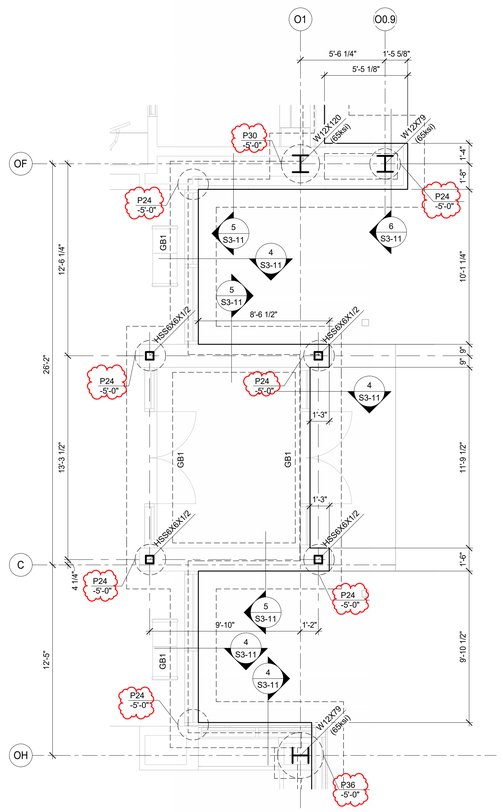
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DATE 03.28.2025
SHEET

S1-10A

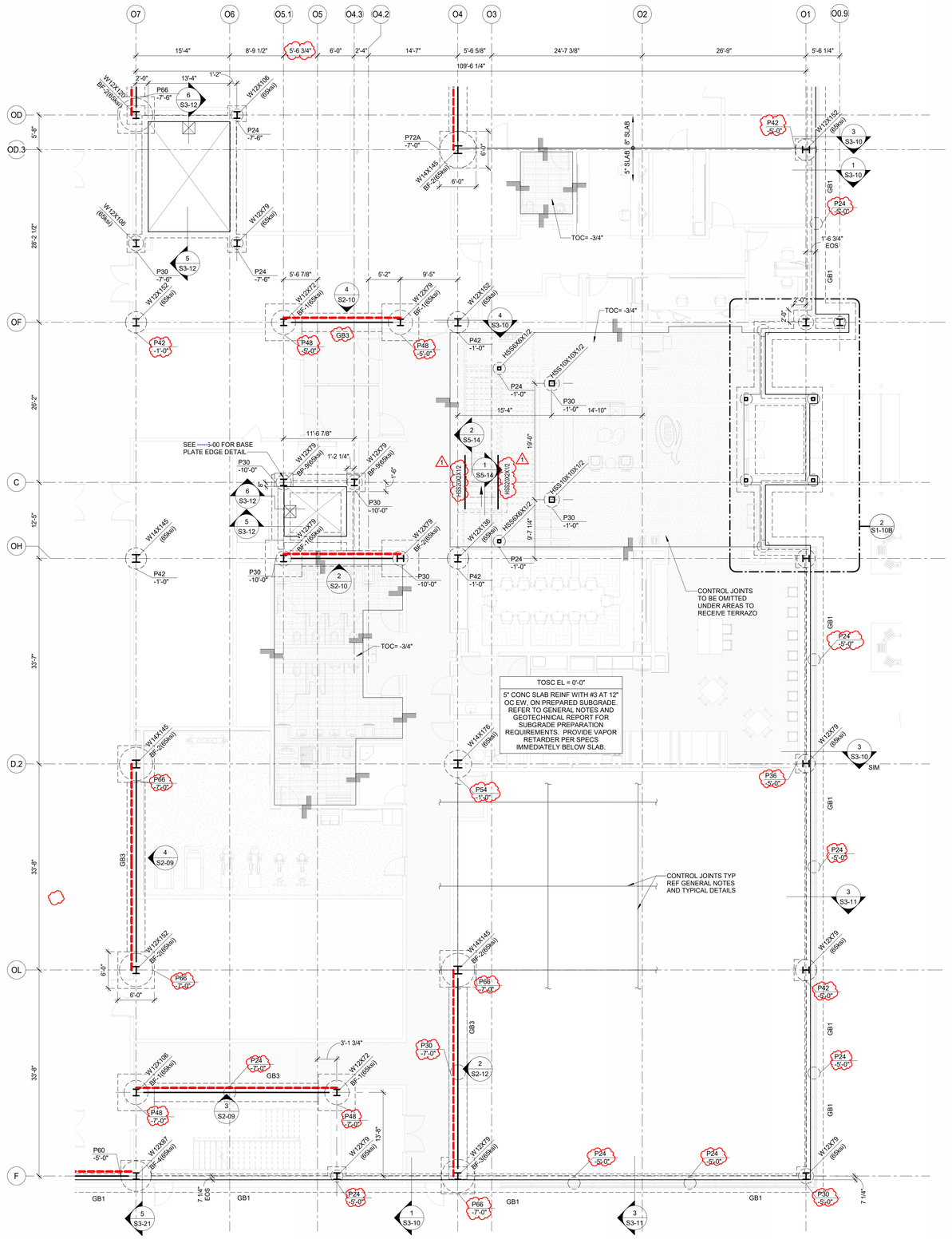
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10. METAL STAIR AND CANOPY BY STAIR MANUF.



2 VESTIBULE FOUNDATION PLAN
1/4" = 1'-0"



1 FOUNDATION PLAN - SEGMENT B
1/8" = 1'-0"

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REVISIONS

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QTS DEN1 DC2
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KEYPLAN

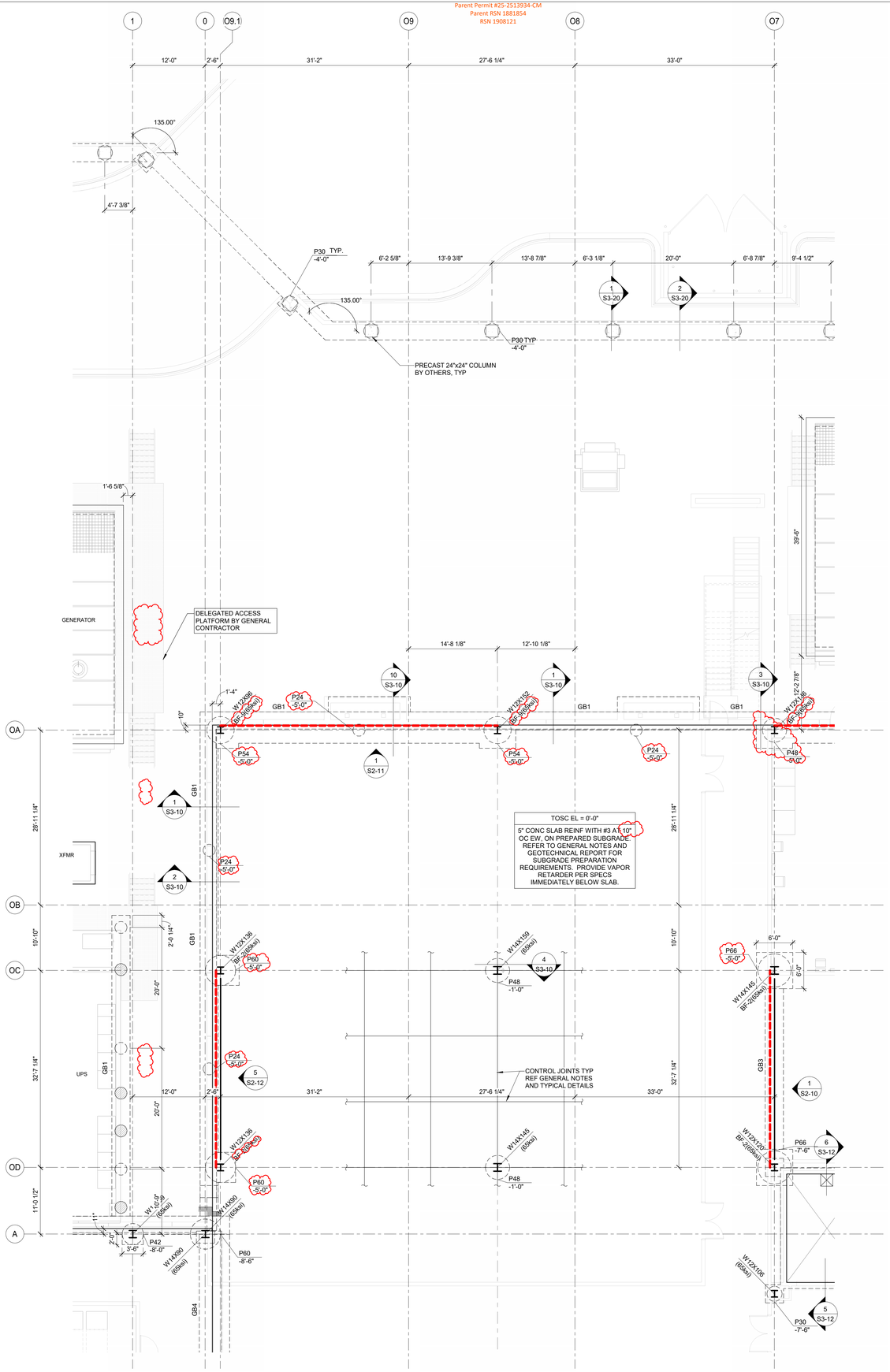
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FOUNDATION PLAN - SEGMENT B

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10B

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



1 FOUNDATION PLAN - SEGMENT C
1/8" = 1'-0"

SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
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SYSKA HENNESSY GROUP

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REVISIONS		
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KEVIL
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

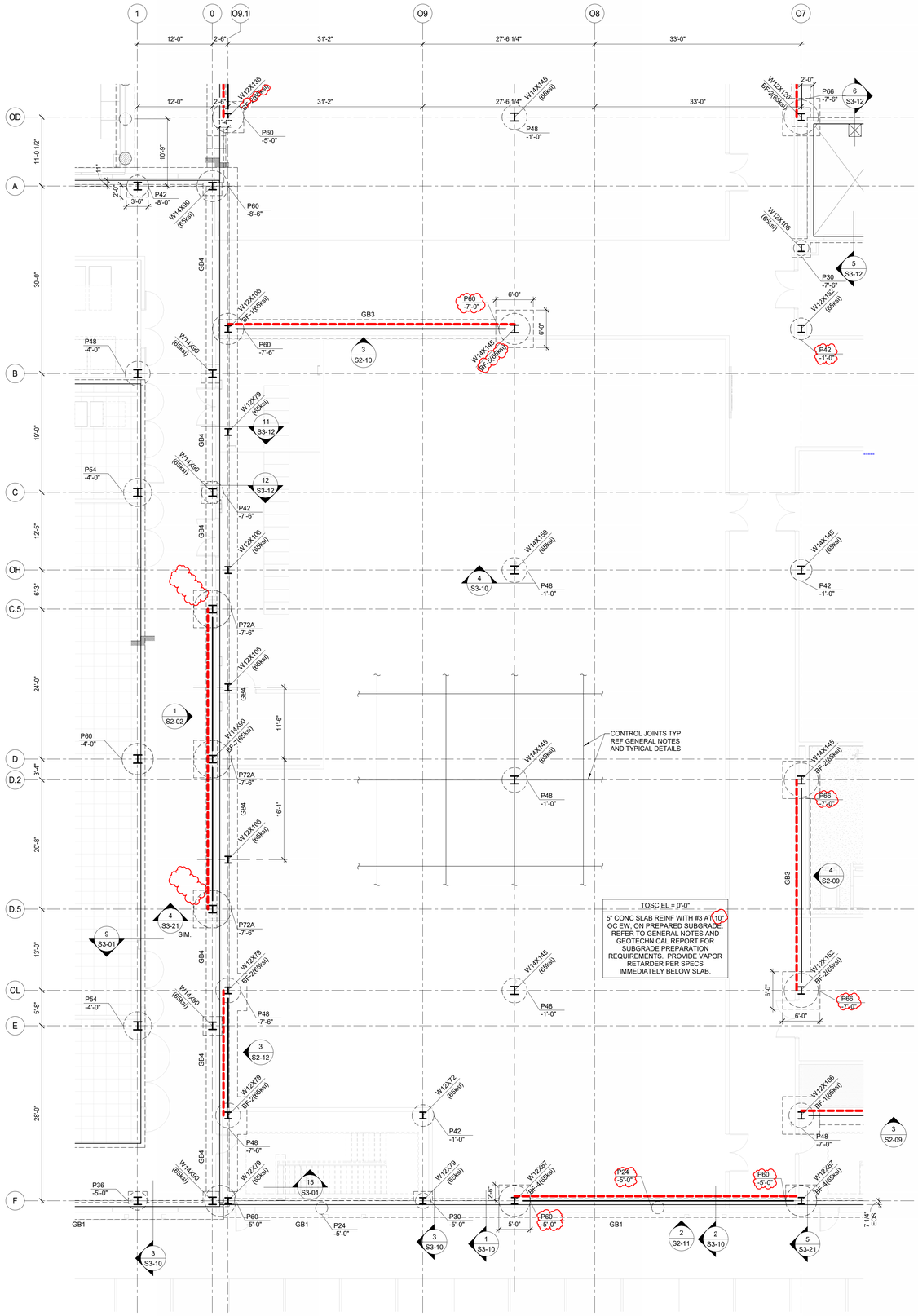
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FOUNDATION PLAN - SEGMENT C

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10C

3/28/2025 4:32:45 PM S1-10C FOUNDATION PLAN - SEGMENT C



SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
2. VERIFY ALL WALL OPENING DIMENSIONS AND LOCATIONS WITH ARCH DRAWINGS.
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SYSKA HENNESSY GROUP
TLD DESIGN CONSULTING LLC

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REVISIONS		
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KIVIAT
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

S	Q	N	L	J	G	E	C	A
T	R	P	M	K	H	F	D	B

FOUNDATION PLAN - SEGMENT D

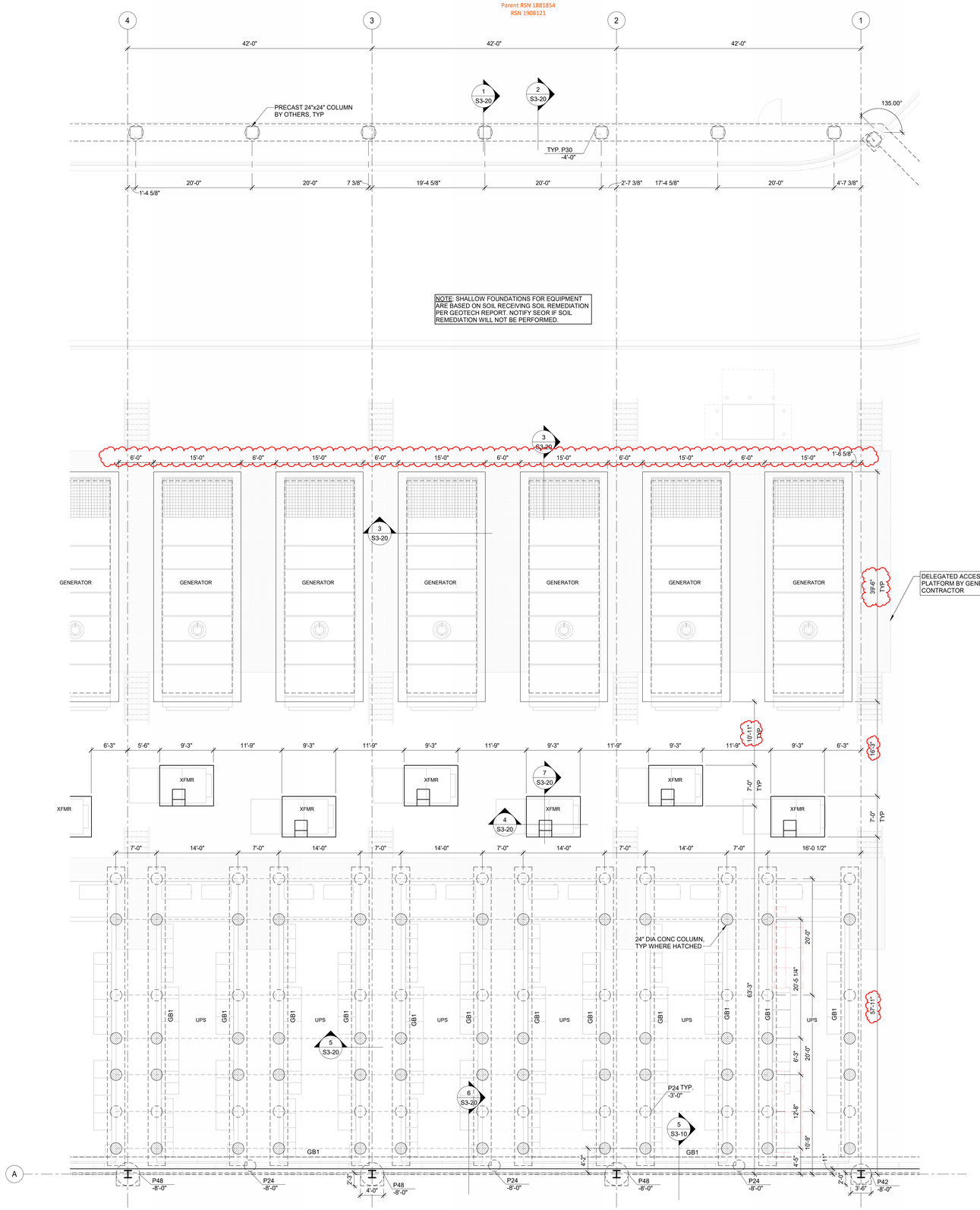
JOB 24464.0000
DATE 03.28.2025
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S1-10D

1 FOUNDATION PLAN - SEGMENT D
1/8" = 1'-0"

3/28/2025 4:32:50 PM S1-10D FOUNDATION PLAN - SEGMENT D

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



1 FOUNDATION PLAN - SEGMENT E
1/8" = 1'-0"

SHEET NOTES

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REVISIONS

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COLORADO LICENSED
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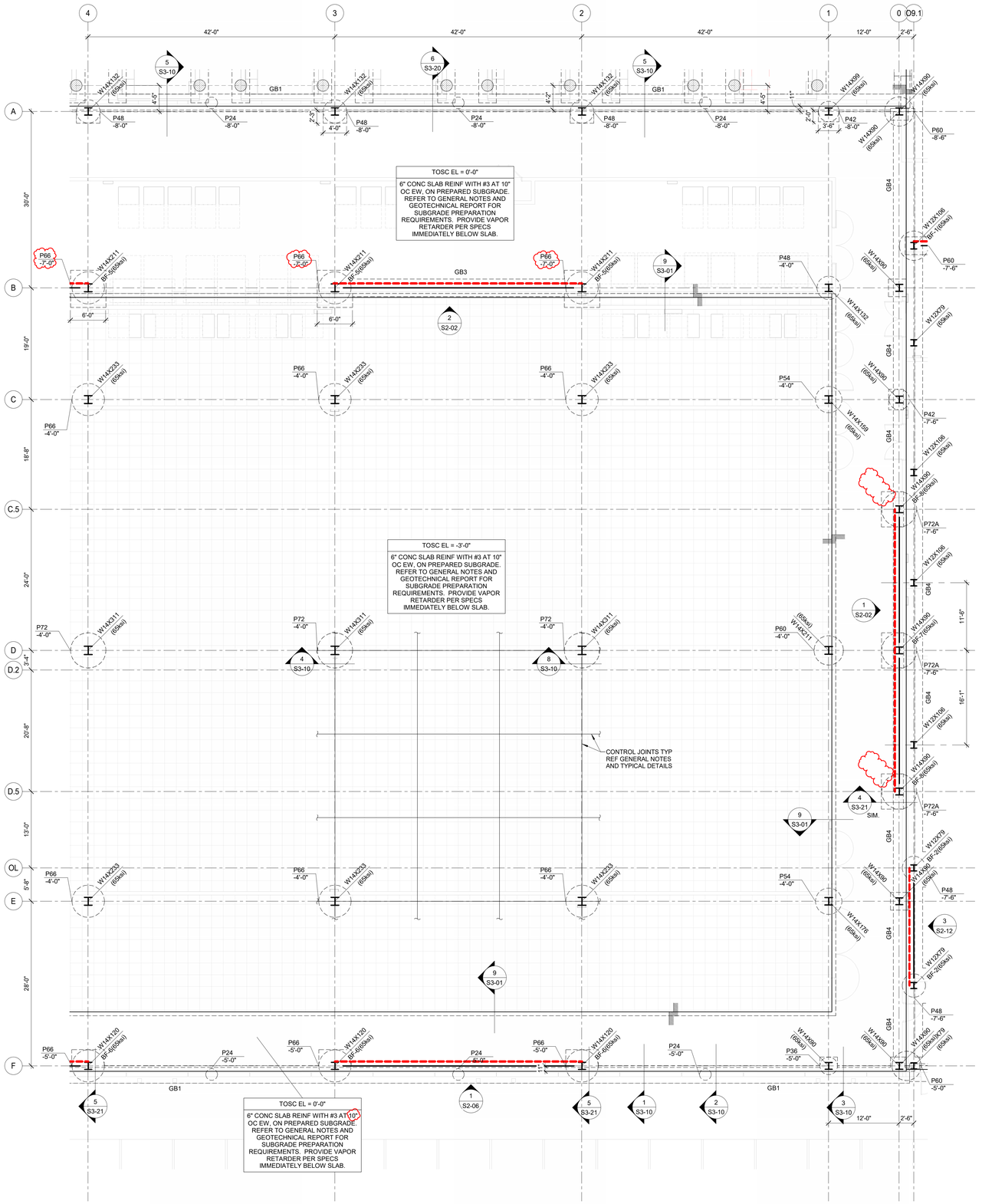
KEYPLAN

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FOUNDATION PLAN - SEGMENT E

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10E



1 FOUNDATION PLAN - SEGMENT F
1/8" = 1'-0"

3/28/2025 4:33:00 PM S1-10F FOUNDATION PLAN - SEGMENT F

SHEET NOTES

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PROFESSIONAL ENGINEER
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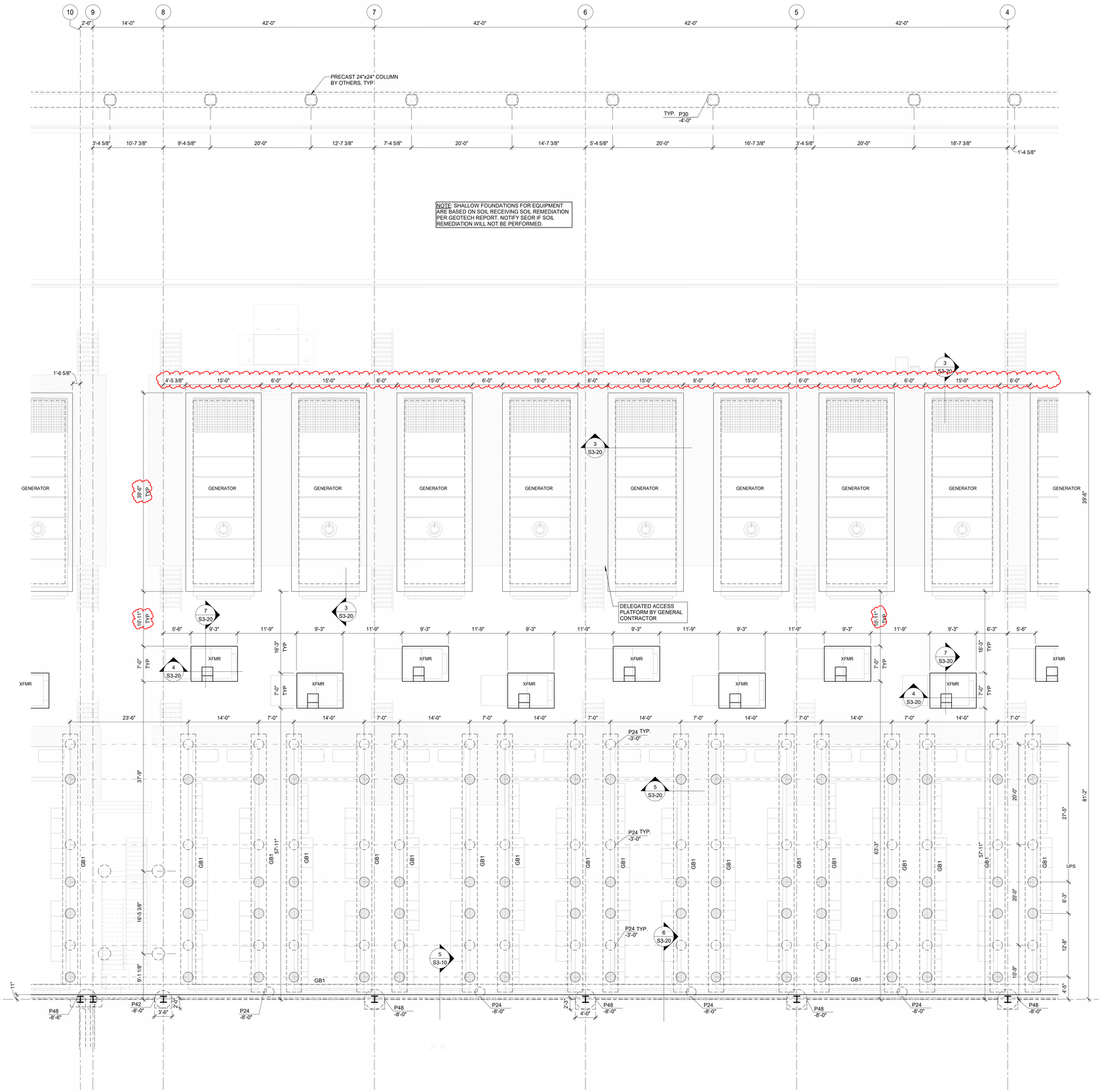
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FOUNDATION PLAN - SEGMENT F

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10F

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



1 FOUNDATION PLAN - SEGMENT G
1/8" = 1'-0"

SHEET NOTES

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ISSUES		
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2	01.31.25	ISSUE FOR PERMIT
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REVISIONS		
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KIVLIN
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

S Q N L J G E C A
T R P M K H F D B

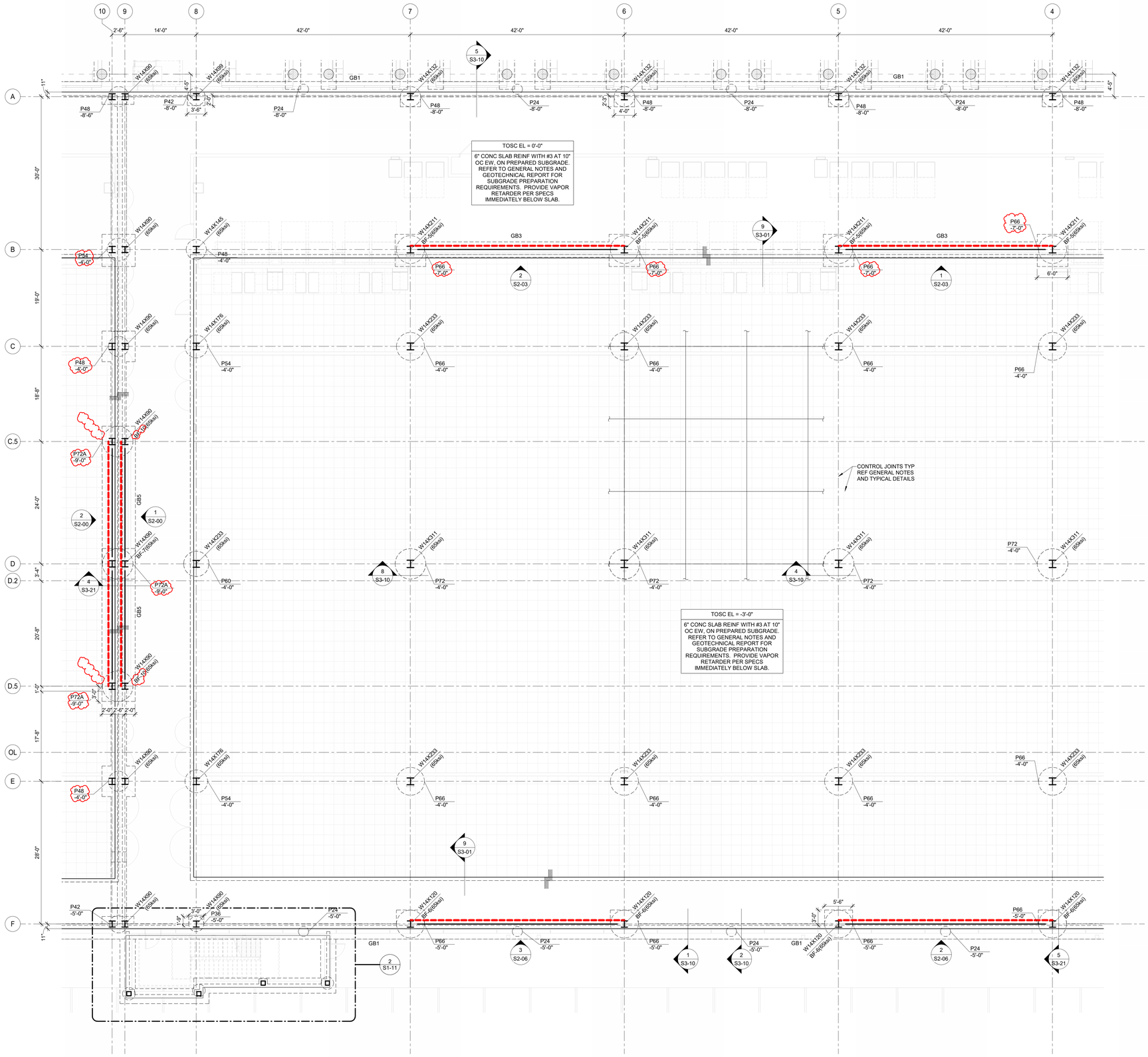
FOUNDATION PLAN - SEGMENT G

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10G

3/28/2025 4:33:06 PM S1-10G FOUNDATION PLAN - SEGMENT G

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



1 FOUNDATION PLAN - SEGMENT H
1/8" = 1'-0"

SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
2. VERIFY ALL WALL OPENING DIMENSIONS AND LOCATIONS WITH ARCH DRAWINGS.
3. DEVIATIONS FROM CONST JOINT/CONTROL JOINT PATTERN SHOWN MUST BE APPROVED BY THE ENGINEER OF RECORD.
4. REFER TO SHEET S3-00 FOR PIER SCHEDULE.
5. REFER TO SHEET S5-00 FOR COLUMN AND BASE PLATE SCHEDULE.
6. REFER TO S2-00 FOR BRACE FRAME ELEVATIONS.
7. PIERS WITHOUT CENTERLINES SHOWN ON PLANS, SECTIONS AND/OR DETAILS SHALL BE LOCATED AS FOLLOWS:
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   B. GRADE BEAMS AND WALLS: CENTERLINE OF THE GRADE BEAM OR WALL.
   C. ALONG THE LENGTH OF GRADE BEAMS AND WALLS: INTERMEDIATE PIERS SHALL BE SPACED EQUALLY BETWEEN PIERS THAT ARE DIMENSIONALLY SET ON PLAN OR AS NOTED ABOVE.
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10. METAL STAIR AND CANOPY BY STAIR MANUF.

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City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: Dirk Anderson
Date: Jun 30, 2025
2021 INTERNATIONAL CODES & 2023 NEC

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CORGAN
401 N. Houston Street Dallas, TX 75202
T: 214.748.2000
AG/E
SYSKA HENNESSY GROUP
DESIGN CONSULTING LLC

ISSUES

1	12.20.24	DESIGN DEVELOPMENT
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REVISIONS

1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. NIVIO
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

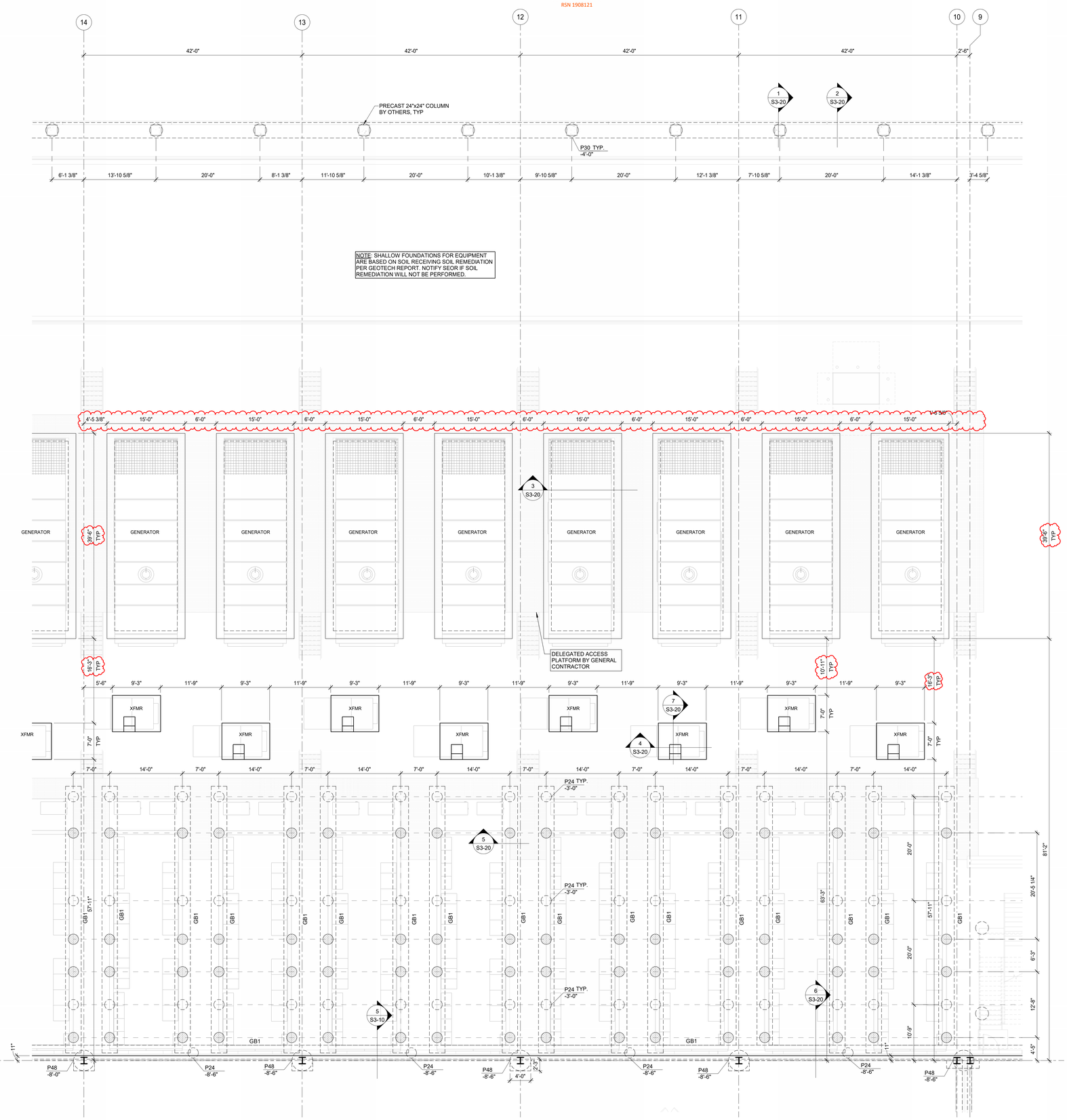
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FOUNDATION PLAN - SEGMENT H

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10H

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



1 FOUNDATION PLAN - SEGMENT J
1/8" = 1'-0"

SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
2. VERIFY ALL WALL OPENING DIMENSIONS AND LOCATIONS WITH ARCH DRAWINGS.
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4. REFER TO SHEET S3-00 FOR PIER SCHEDULE.
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75202
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AG/E

SYSKA HENNESSY GROUP

DESIGN CONSULTING LLC

ISSUES		
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REVISIONS		
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KIVLIN
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

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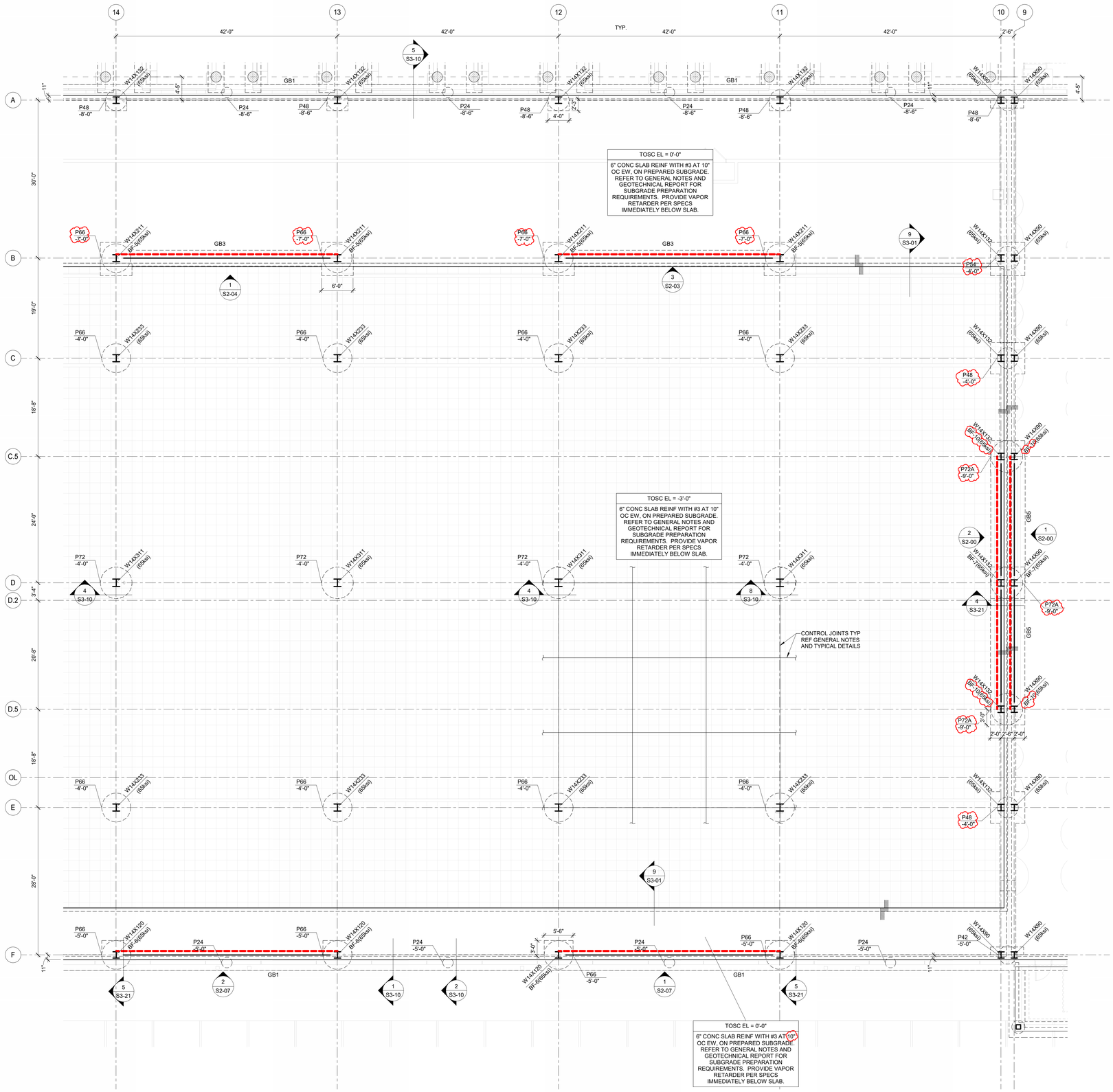
FOUNDATION PLAN - SEGMENT J

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10J

3/28/2025 4:33:17 PM S1-10J FOUNDATION PLAN - SEGMENT J

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



1 FOUNDATION PLAN - SEGMENT K
1/8" = 1'-0"

SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
2. VERIFY ALL WALL OPENING DIMENSIONS AND LOCATIONS WITH ARCH DRAWINGS.
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SYSKA HENNESSY GROUP
DESIGN CONSULTING LLC

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REVISIONS

1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. WYVILL
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

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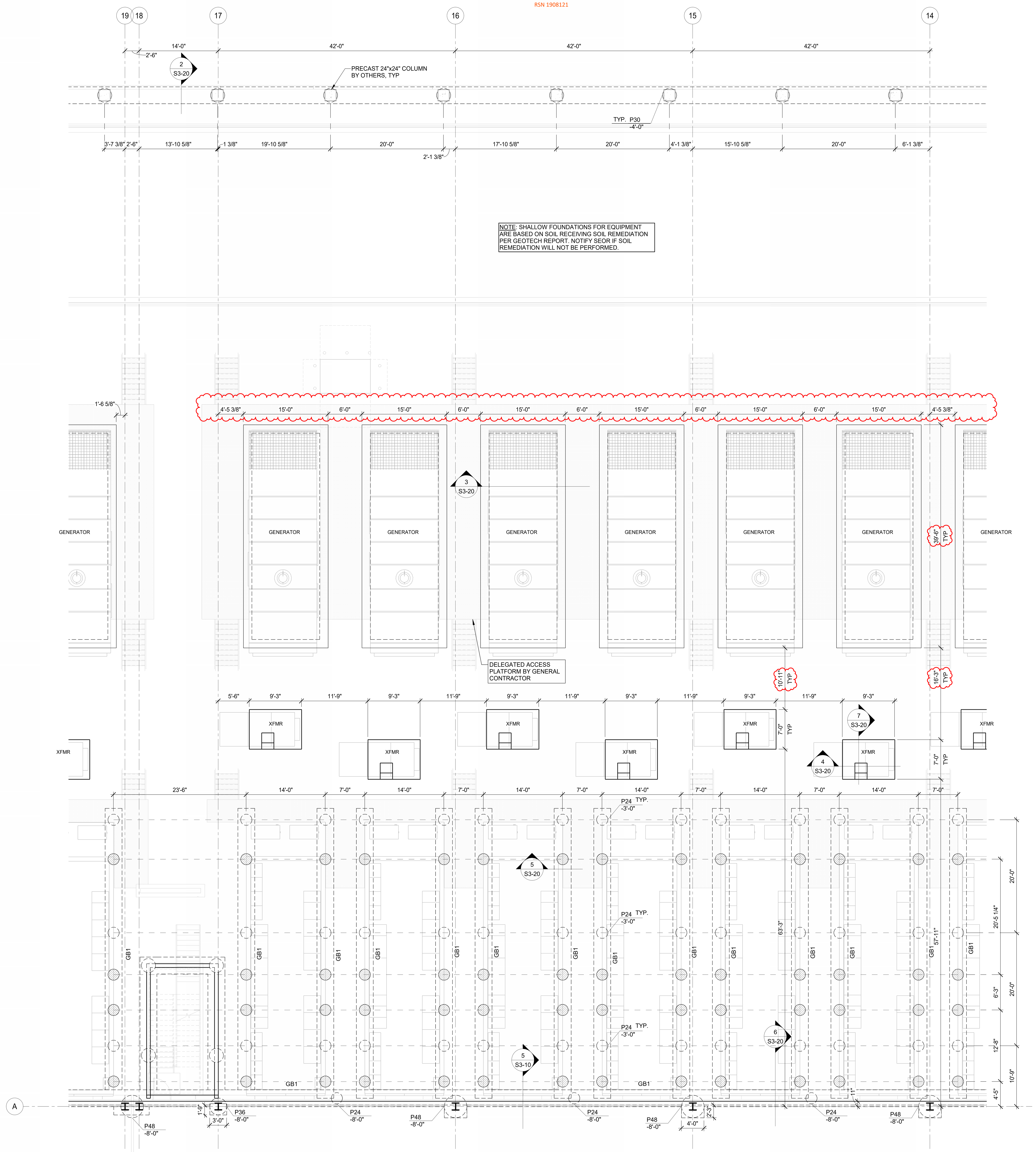
FOUNDATION PLAN - SEGMENT K

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10K

3/28/2025 4:33:22 PM S1-10K FOUNDATION PLAN - SEGMENT K

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



1 FOUNDATION PLAN - SEGMENT L

1/8" = 1'-0"

SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
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CORGAN
401 N. Houston Street Dallas, TX
75202
T: 214.748.2000

AG/E

SYSKA HENNESSY GROUP

TED DESIGN CONSULTING LLC

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	REVISIONS	
1	03.28.25	ADDENDUM 1

COLORADO LICENSED PROFESSIONAL ENGINEER NICHOLAS W. DAVID 65236

AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

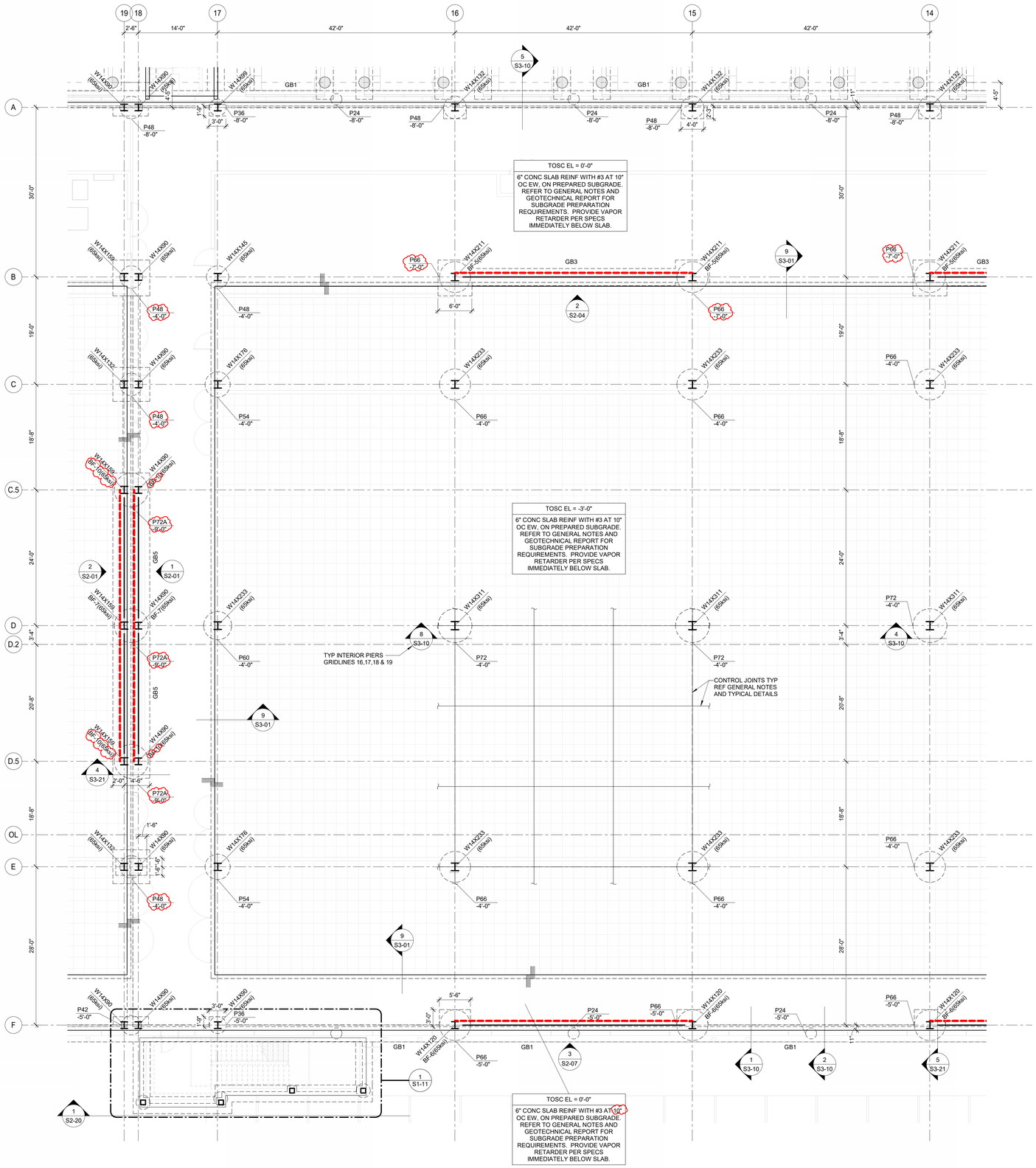
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FOUNDATION PLAN - SEGMENT L

JOB 24464.0000
DATE 03.28.2025
SHEET
S1-10L

3/28/2025 4:33:27 PM S1-10L FOUNDATION PLAN - SEGMENT L

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
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CORGAN
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SYSKA HENNESSY GROUP
DESIGN CONSULTING LLC

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REVISIONS		
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. HAYID
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

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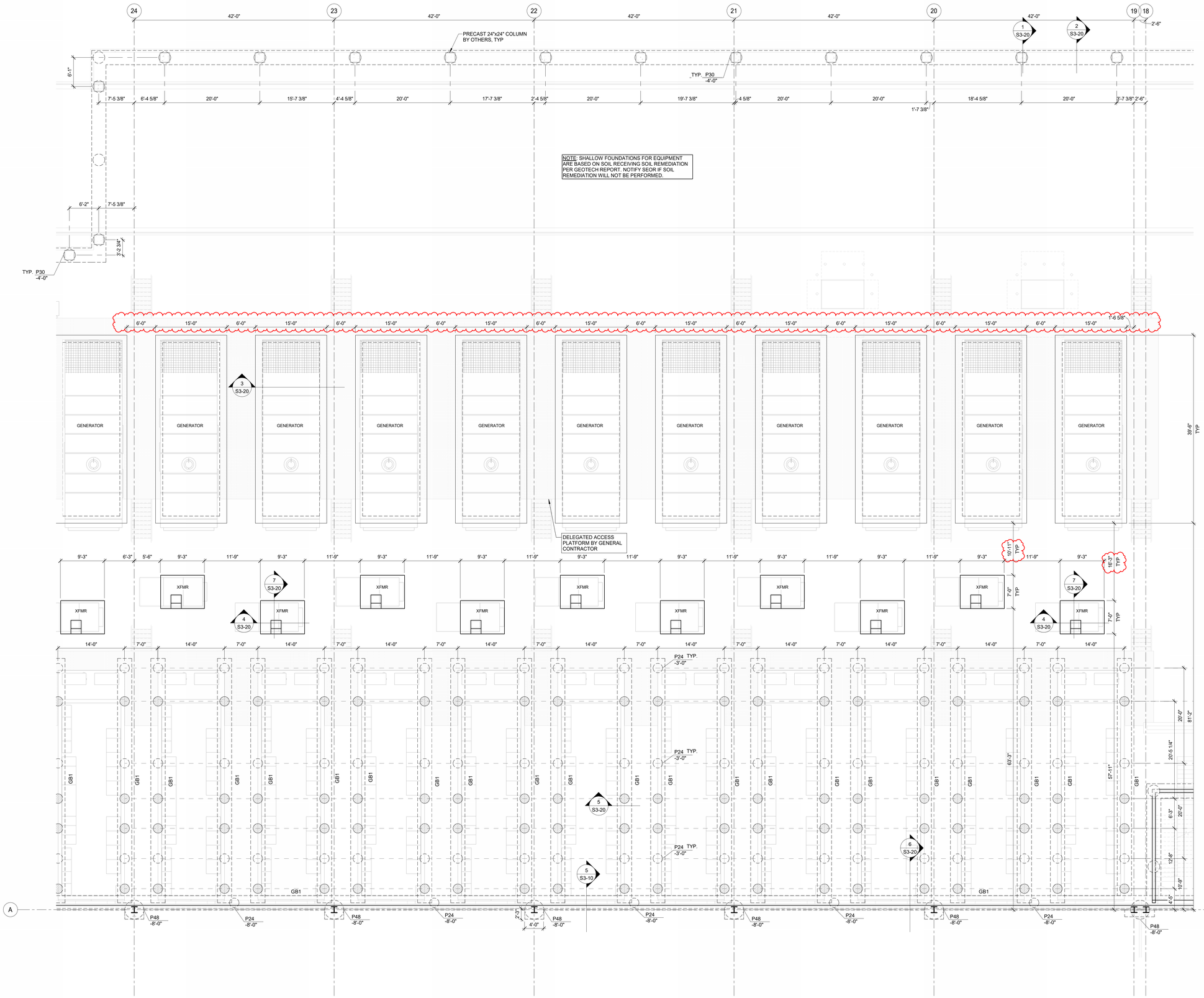
FOUNDATION PLAN - SEGMENT M

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10M

1 FOUNDATION PLAN - SEGMENT M
1/8" = 1'-0"

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



1 FOUNDATION PLAN - SEGMENT N
1/8" = 1'-0"

SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
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AG/E

SYSKA HENNESSY GROUP

TLD DESIGN CONSULTING LLC

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REVISIONS

1	03.28.25	ADDENDUM 1

COLORADO LICENSED NICHOLAS W. KEVID 65236 PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

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FOUNDATION PLAN - SEGMENT N

JOB 24464.0000
DATE 03.28.2025
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Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121

SHEET NOTES

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TOSC EL = 0'-0"
6" CONC SLAB REINF WITH #3 AT 10" OC EW, ON PREPARED SUBGRADE. REFER TO GENERAL NOTES AND GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION REQUIREMENTS. PROVIDE VAPOR RETARDER PER SPECS IMMEDIATELY BELOW SLAB.

TOSC EL = -3'-0"
6" CONC SLAB REINF WITH #3 AT 10" OC EW, ON PREPARED SUBGRADE. REFER TO GENERAL NOTES AND GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION REQUIREMENTS. PROVIDE VAPOR RETARDER PER SPECS IMMEDIATELY BELOW SLAB.

CONTROL JOINTS TYP REF GENERAL NOTES AND TYPICAL DETAILS

TYP INTERIOR PIERS GRIDLINE 20

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1 FOUNDATION PLAN - SEGMENT P
1/8" = 1'-0"

CORGAN
401 N. Houston Street Dallas, TX 75202
T: 214.748.2000

AG/E

SYSKA HENNESSY GROUP

DESIGN CONSULTING LLC

ISSUES

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REVISIONS

1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KIVIO
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
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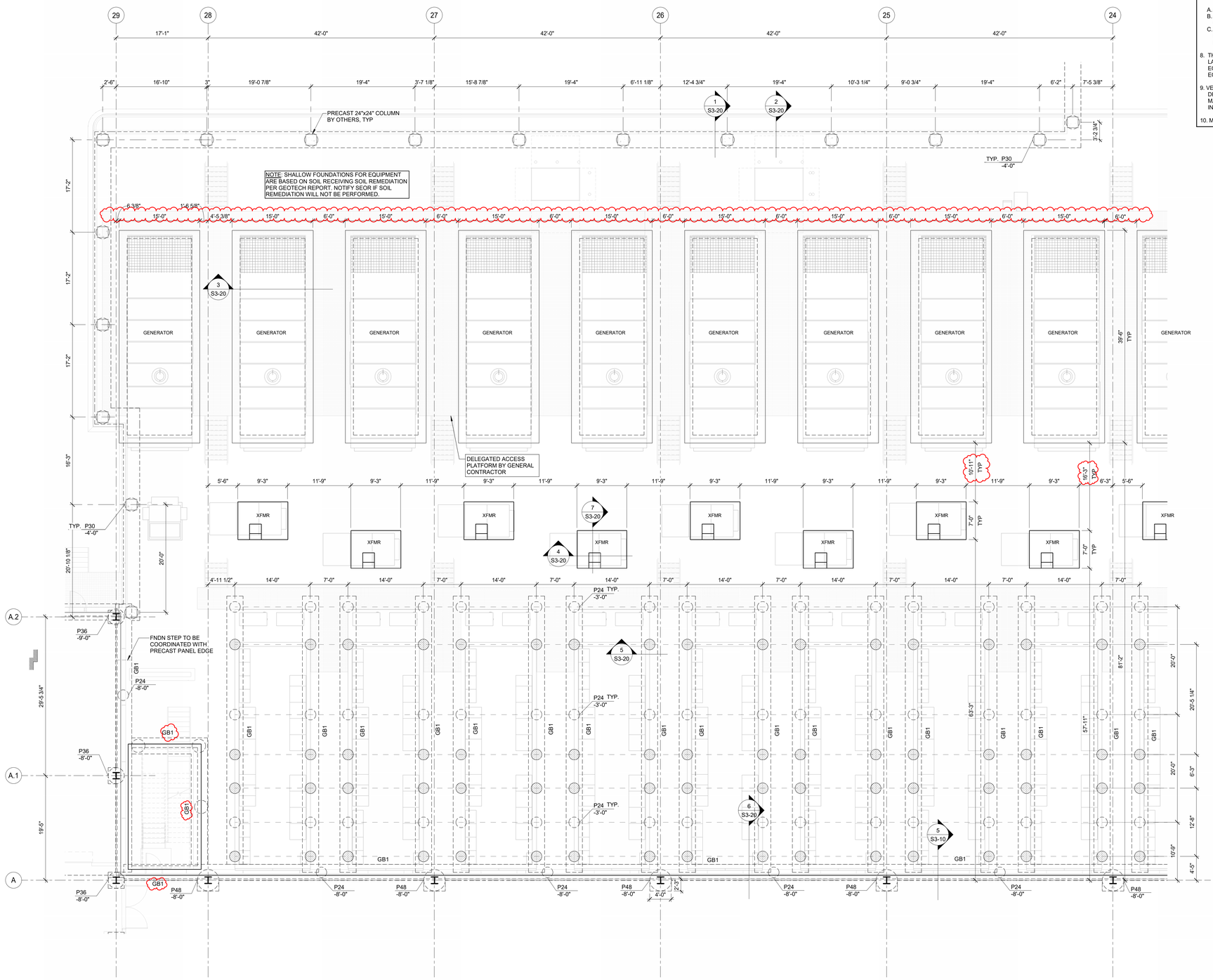
KEYPLAN

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T	R	P	M	K	H	F	D	B	

FOUNDATION PLAN - SEGMENT P

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10P



1 FOUNDATION PLAN - SEGMENT Q
1/8" = 1'-0"

SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
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   B. GRADE BEAMS AND WALLS: CENTERLINE OF THE GRADE BEAM OR WALL.
   C. ALONG THE LENGTH OF GRADE BEAMS AND WALLS: INTERMEDIATE PIERS SHALL BE SPACED EQUALLY BETWEEN PIERS THAT ARE DIMENSIONALLY SET ON PLAN OR AS NOTED ABOVE.
8. THE SERVICE YARD LAYOUT PROVIDED IS BASED ON INITIAL MEP LAYOUT. ALL DIMENSIONS SHALL BE COORDINATED WITH FINAL EQUIPMENT LAYOUT. ANY DISCREPANCIES SHALL BE PROVIDED TO THE EOR FOR APPROPRIATE CHANCES PRIOR TO INSTALLATION.
9. VERIFY ALL PAD OPENING DIMENSIONS AND LOCATIONS WITH ARCH/MEP DRAWINGS. VERIFY ALL PAD DIMENSIONS WITH EQUIPMENT MANUFACTURER PRIOR TO FABRICATING REINFORCING AND INSTALLATION.
10. METAL STAIR AND CANOPY BY STAIR MANUF.

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City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: Dirk Anderson
Date: Jun 30, 2025
2021 INTERNATIONAL CODES & 2023 NEC

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CORGAN
401 N. Houston Street Dallas, TX
75202
T: 214.748.2000

AG/E

SYSKA HENNESSY GROUP

DESIGN CONSULTING LLC

ISSUES

1	12.20.24	DESIGN DEVELOPMENT
2	01.31.25	ISSUE FOR PERMIT
3	05.30.25	FOUNDATION ONLY IFP
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REVISIONS

1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. ARVID
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

S	Q	N	L	J	G	E	C	A	
T	R	P	M	K	H	F	D	B	

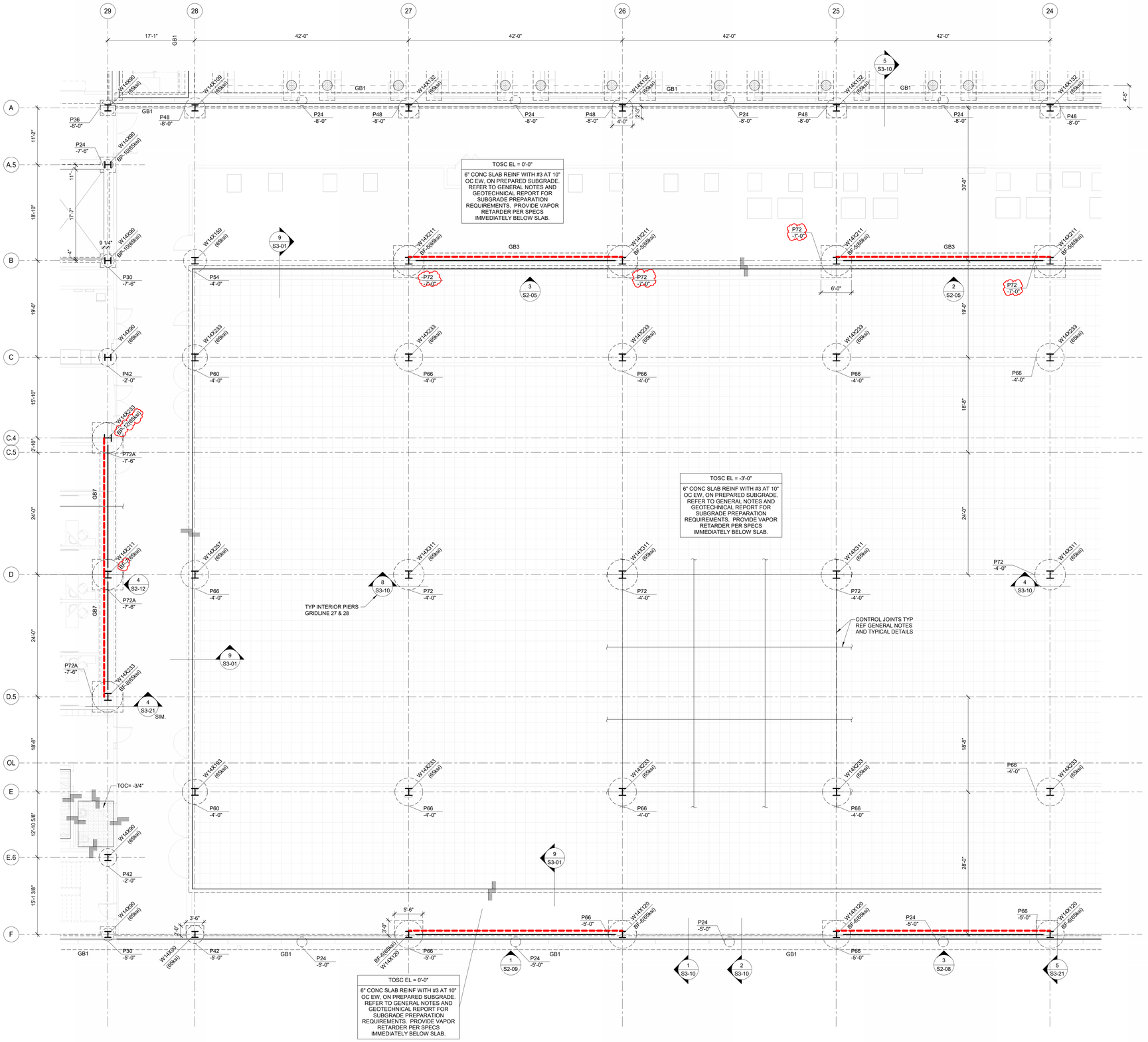
FOUNDATION PLAN - SEGMENT Q

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10Q

3/28/2025 4:33:50 PM S1-10Q FOUNDATION PLAN - SEGMENT Q

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



1 FOUNDATION PLAN - SEGMENT R
1/8" = 1'-0"

SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
2. VERIFY ALL WALL OPENING DIMENSIONS AND LOCATIONS WITH ARCH DRAWINGS.
3. DEVIATIONS FROM CONST JOINT/CONTROL JOINT PATTERN SHOWN MUST BE APPROVED BY THE ENGINEER OF RECORD.
4. REFER TO SHEET S3-00 FOR PIER SCHEDULE.
5. REFER TO SHEET S5-00 FOR COLUMN AND BASE PLATE SCHEDULE.
6. REFER TO S2-00 FOR BRACE FRAME ELEVATIONS.
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SYSKA HENNESSY GROUP
DESIGN CONSULTING LLC

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REVISIONS

1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. HOYD
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

S	Q	N	L	J	G	E	C	A	
T	R	P	M	K	H	F	D	B	

FOUNDATION PLAN - SEGMENT R

JOB 24464.0000
DATE 03.28.2025
SHEET

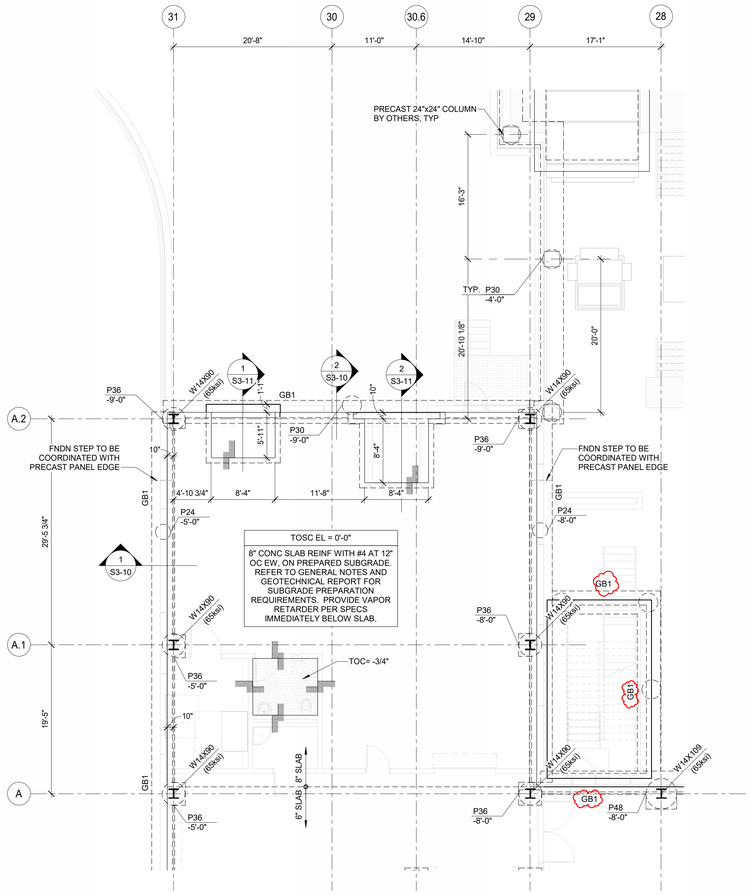
S1-10R

3/28/2025 4:33:56 PM S1-10R FOUNDATION PLAN - SEGMENT R

Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121

SHEET NOTES

1. ALL ELEVATIONS ARE BASED ON TOSC EL = 0'-0"
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10. METAL STAIR AND CANOPY BY STAIR MANUF.



1 FOUNDATION PLAN - SEGMENT S
1/8" = 1'-0"

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T: 214.748.2000

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SYSKA HENNESSY GROUP

TLD DESIGN CONSULTING LLC

ISSUES

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REVISIONS

1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KIVIO
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

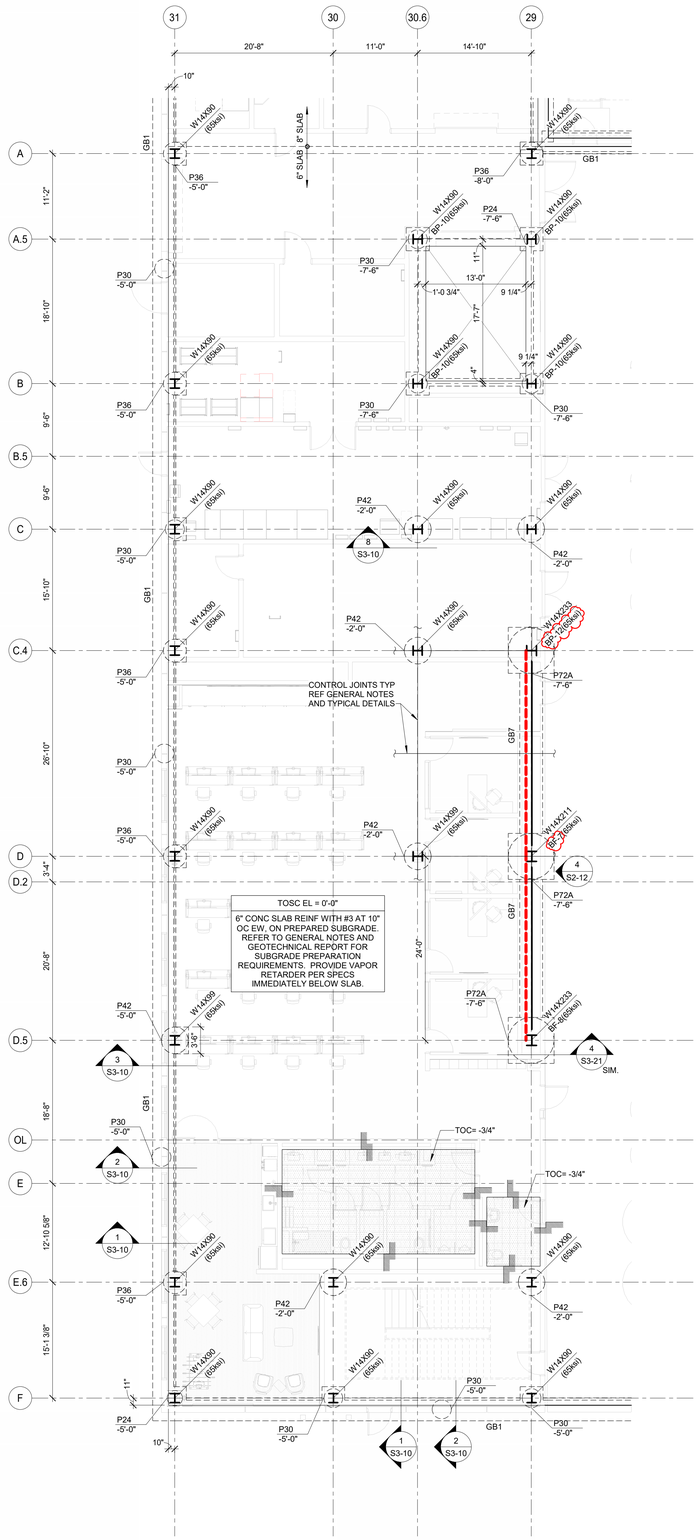
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T	R	P	M	K	H	F	D	B

FOUNDATION PLAN - SEGMENT S

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10S

3/28/2025 4:33:59 PM S1-10S FOUNDATION PLAN - SEGMENT S



1 FOUNDATION PLAN - SEGMENT T
1/8" = 1'-0"

SHEET NOTES

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SYSKA HENNESSY GROUP
DESIGN CONSULTING LLC

ISSUES		
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REVISIONS		
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KIVID
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

S	Q	N	L	J	G	E	C	A	
T	R	P	M	K	H	F	D	B	

FOUNDATION PLAN - SEGMENT T

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-10T

CORGAN

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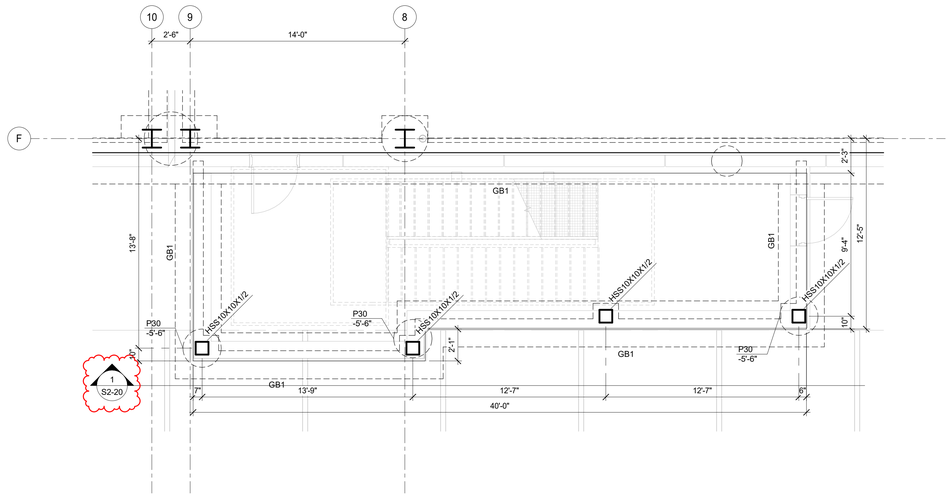
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	REVISIONS	
1	03.28.25	ADDENDUM 1

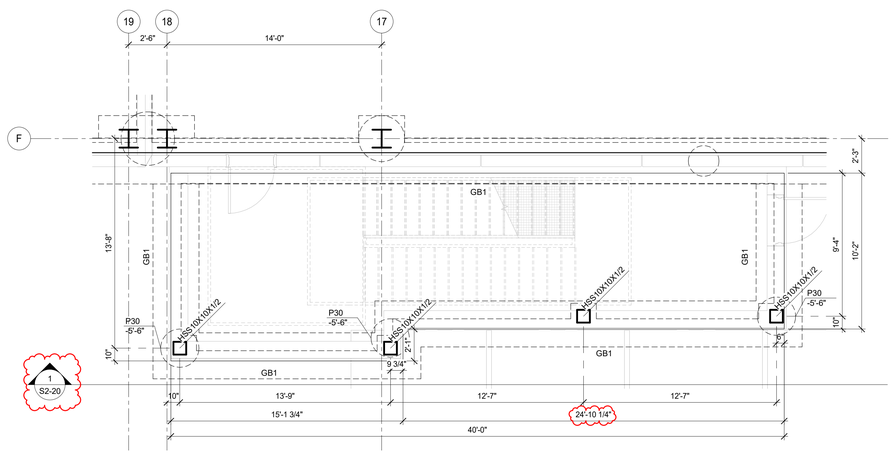
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2 EXTERIOR STAIR FOUNDATION PLAN
1/4" = 1'-0"



1 EXTERIOR STAIR FOUNDATION PLAN
1/4" = 1'-0"

COLORADO LICENSED
NICHOLAS W. KIVIO
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

PARTIAL FOUNDATION PLANS

JOB 24464.0000
DATE 03.28.2025
SHEET

S1-11

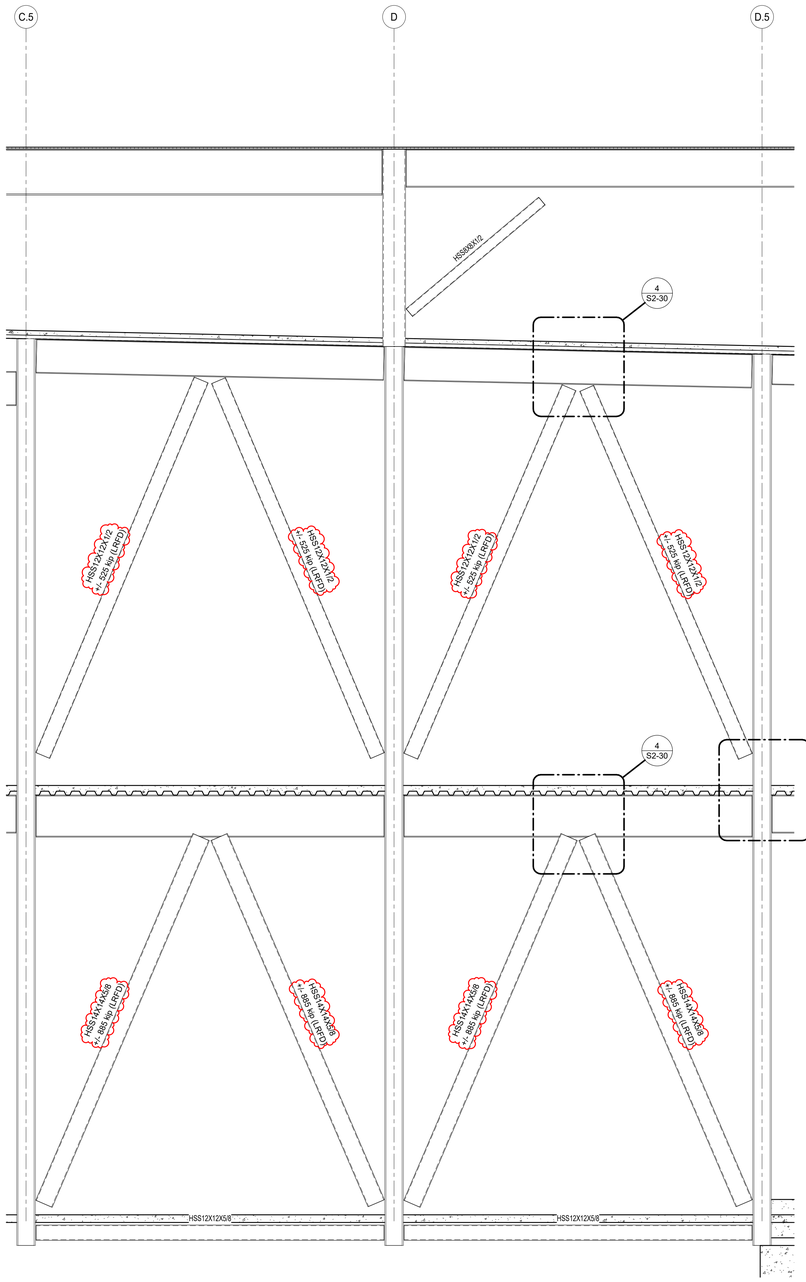
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Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121

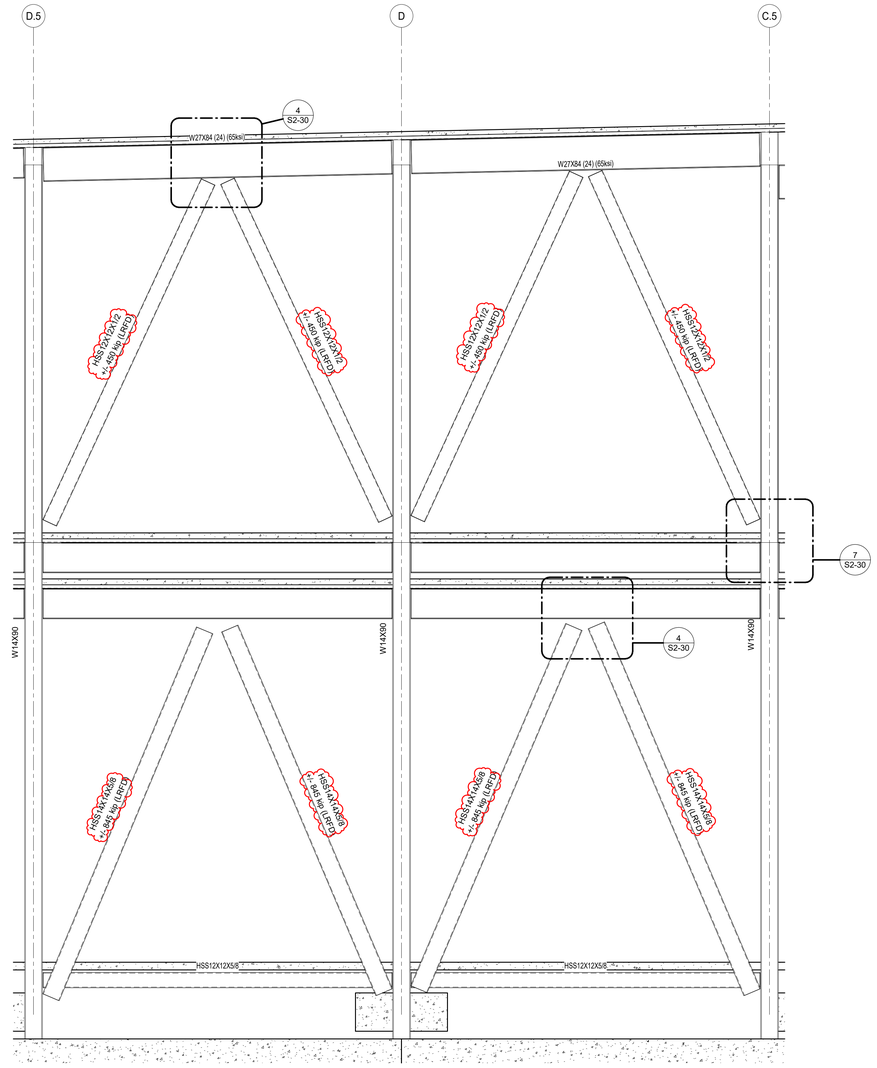
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2 BRACED FRAME ELEVATION ALONG GRID 10
1/4" = 1'-0"



1 BRACED FRAME ELEVATION ALONG GRID 9
1/4" = 1'-0"

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ISSUES

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REVISIONS

1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KEVID
65236
PROFESSIONAL ENGINEER

AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

FRAME ELEVATIONS

JOB 24464.0000
DATE 03.28.2025
SHEET

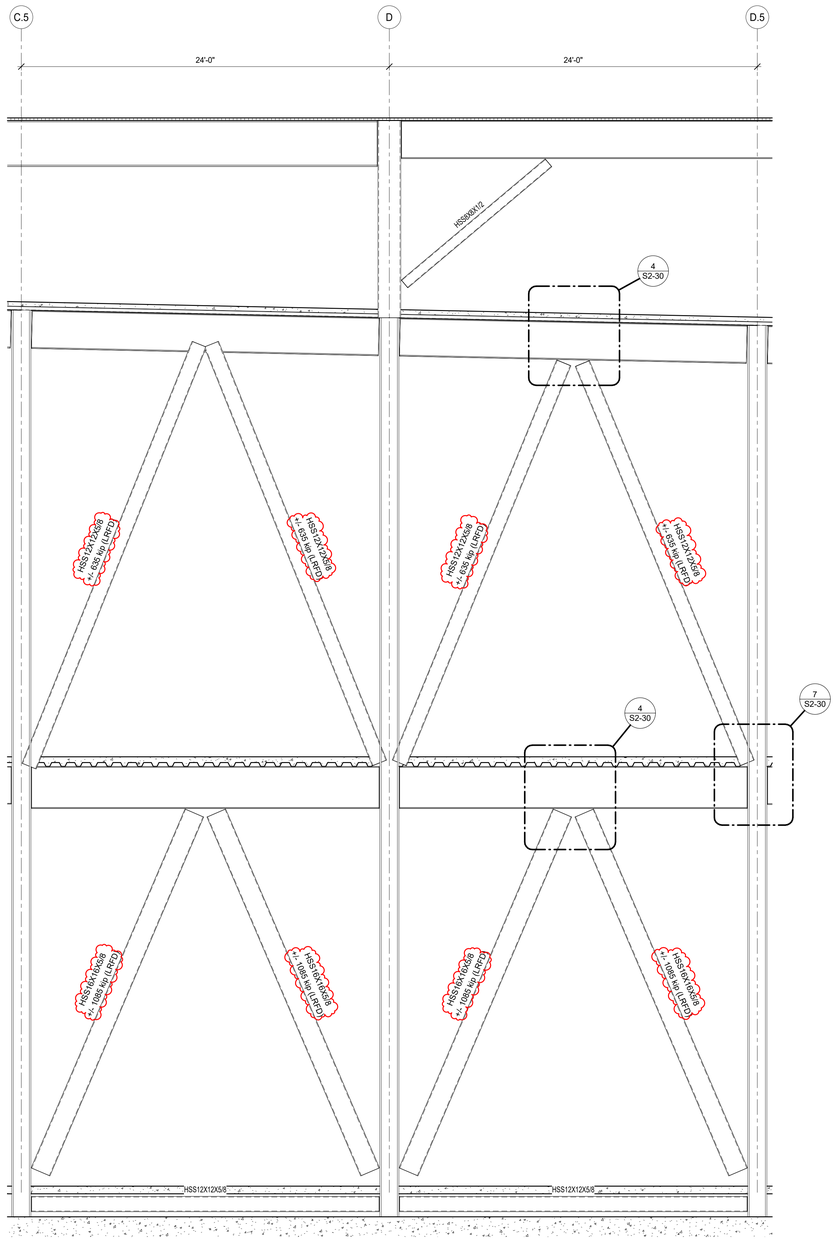
S2-00

3/28/2025 4:36:22 PM S2-00 FRAME ELEVATIONS

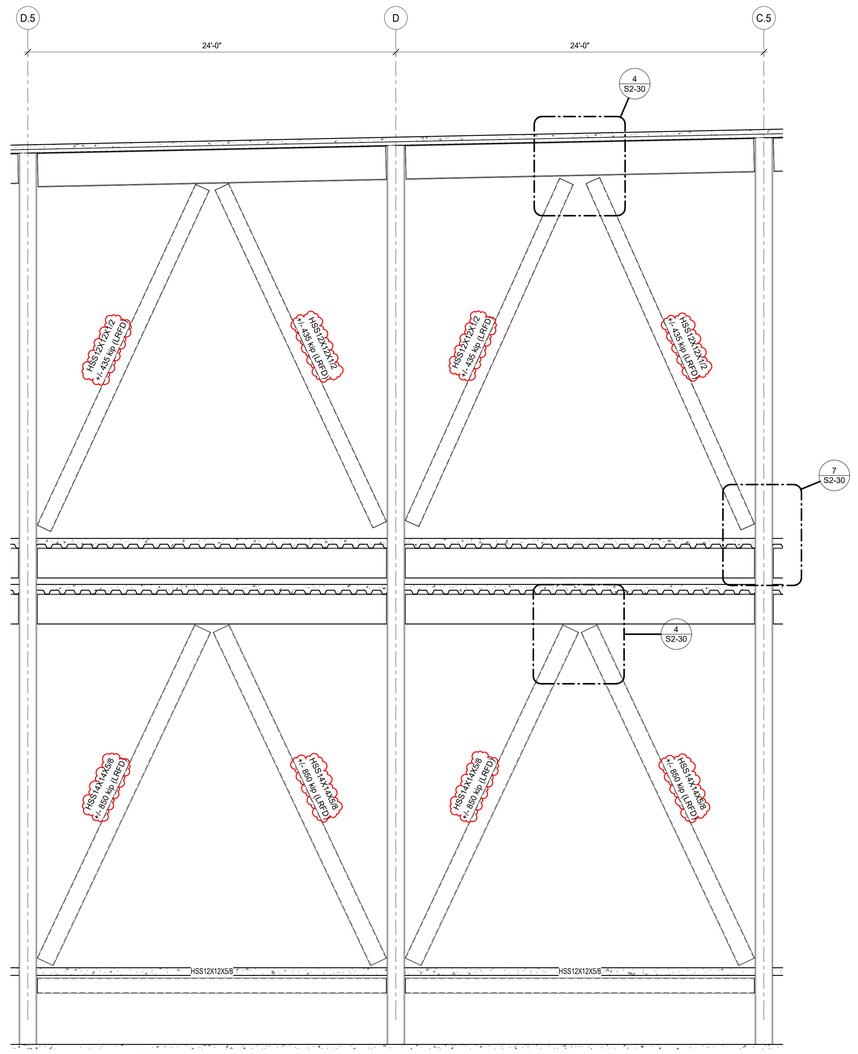
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2 BRACED FRAME ELEVATION ALONG GRID 19
1/4" = 1'-0"



1 BRACED FRAME ELEVATION ALONG GRID 18
1/4" = 1'-0"

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COLORADO LICENSED
NICHOLAS W. KEVID
65236
PROFESSIONAL ENGINEER

AG&E Structural Engenuity

Date of issue:
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QTS DEN1 DC2
1140 N. GUN CLUB ROAD

FRAME ELEVATIONS

JOB 24464.0000
DATE 03.28.2025
SHEET

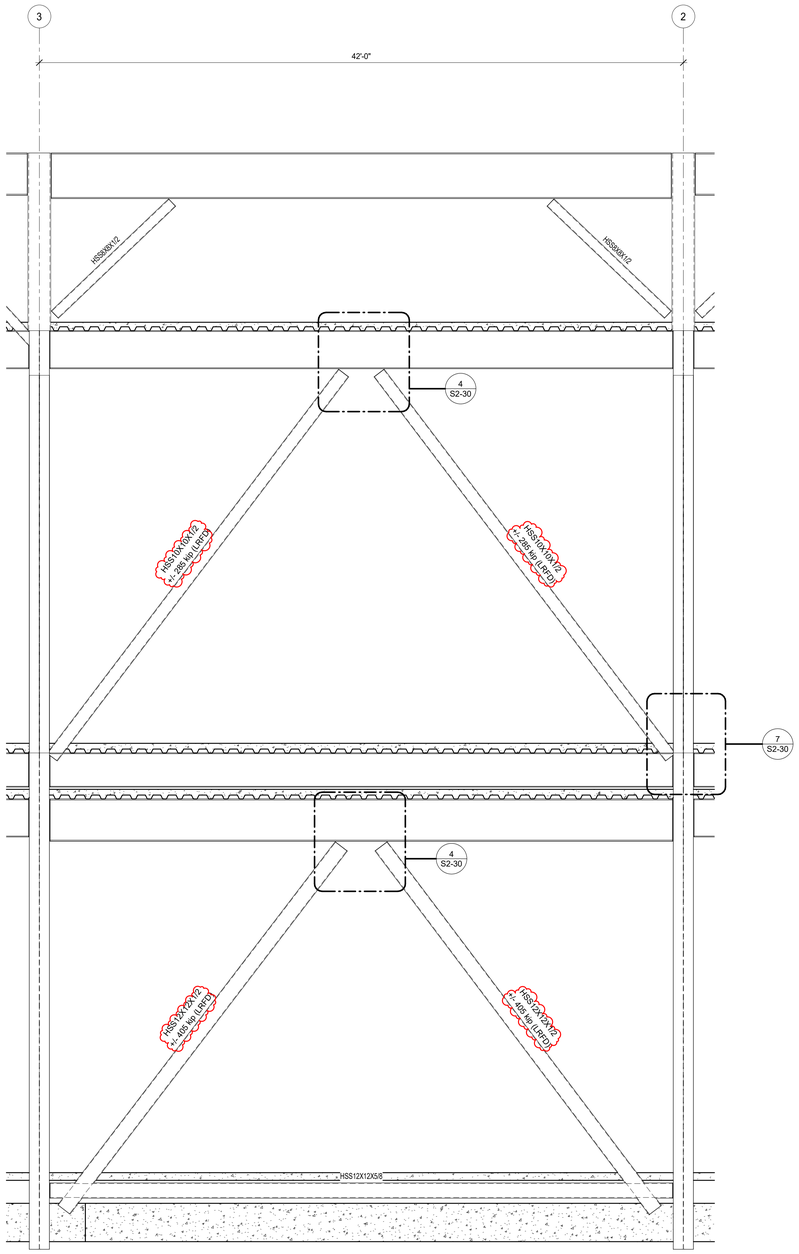
S2-01

3/28/2025 4:36:23 PM S2-01 FRAME ELEVATIONS

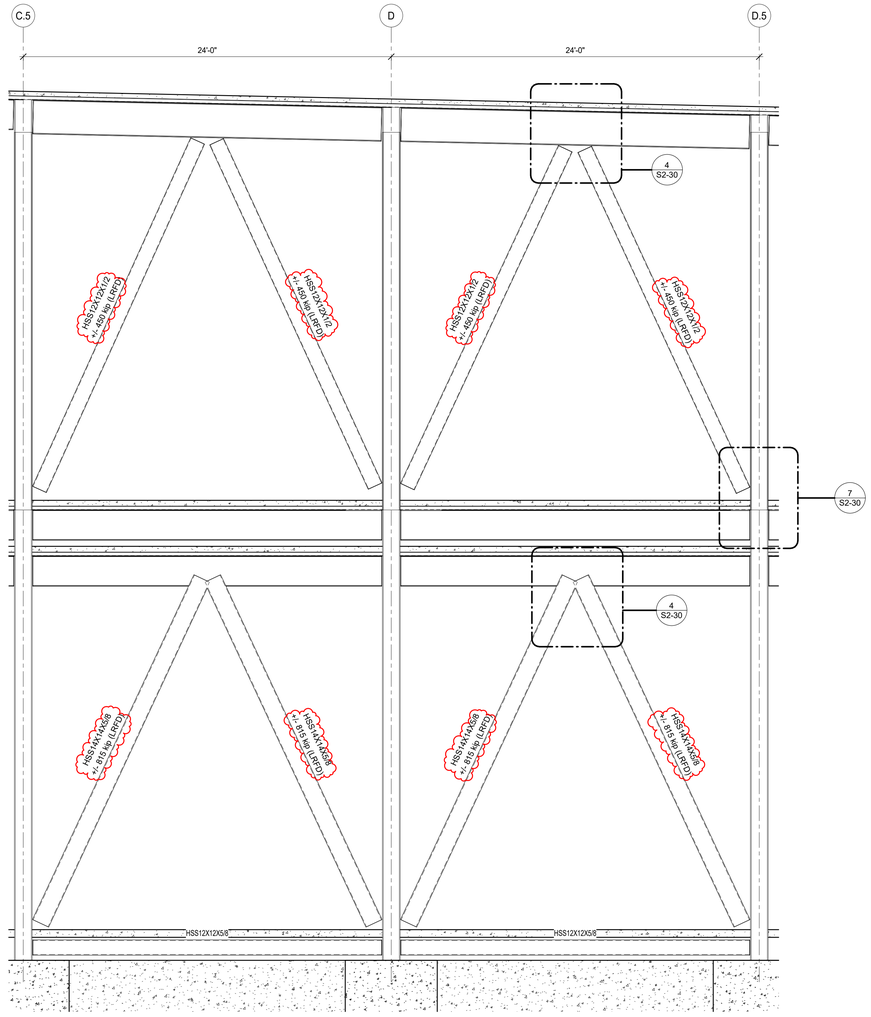
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2 BRACED FRAME ELEVATION ALONG GRID B
1/4" = 1'-0"



1 BRACED FRAME ELEVATION ALONG GRID 0
1/4" = 1'-0"

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401 N. Houston Street Dallas, TX
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COLORADO LICENSED
NICHOLAS W. KEYID
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QTS DEN1 DC2
1140 N. GUN CLUB ROAD

FRAME ELEVATIONS

JOB 24464.0000
DATE 03.28.2025
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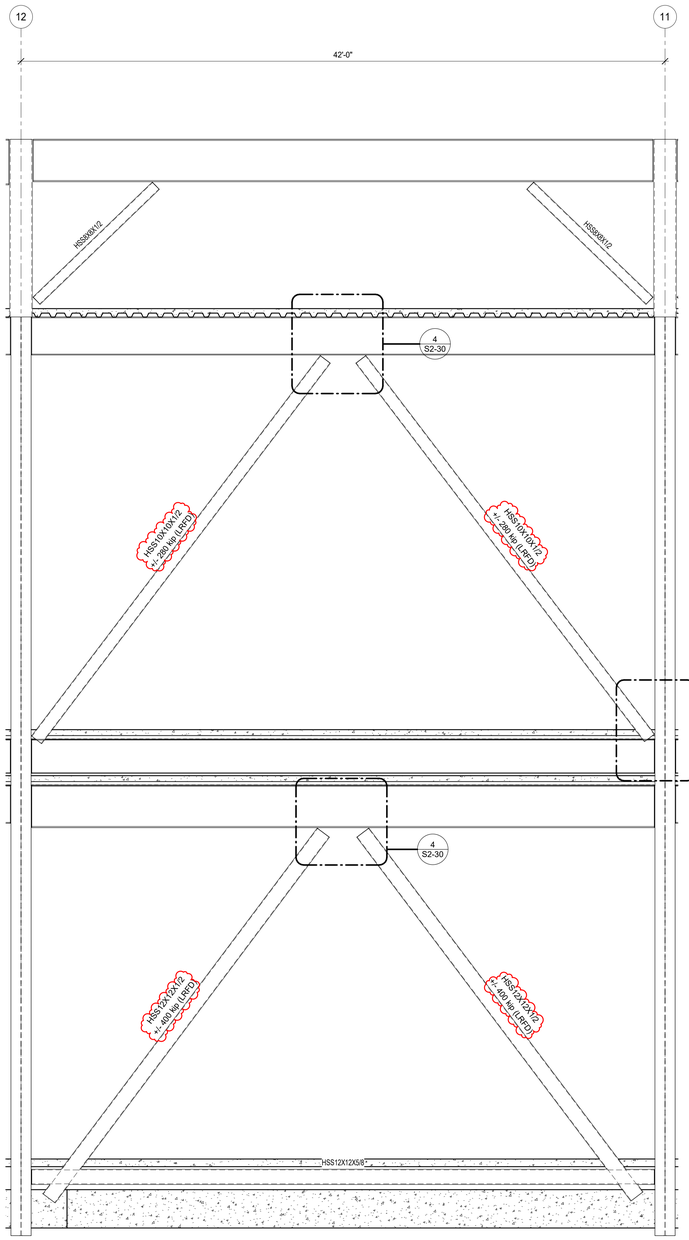
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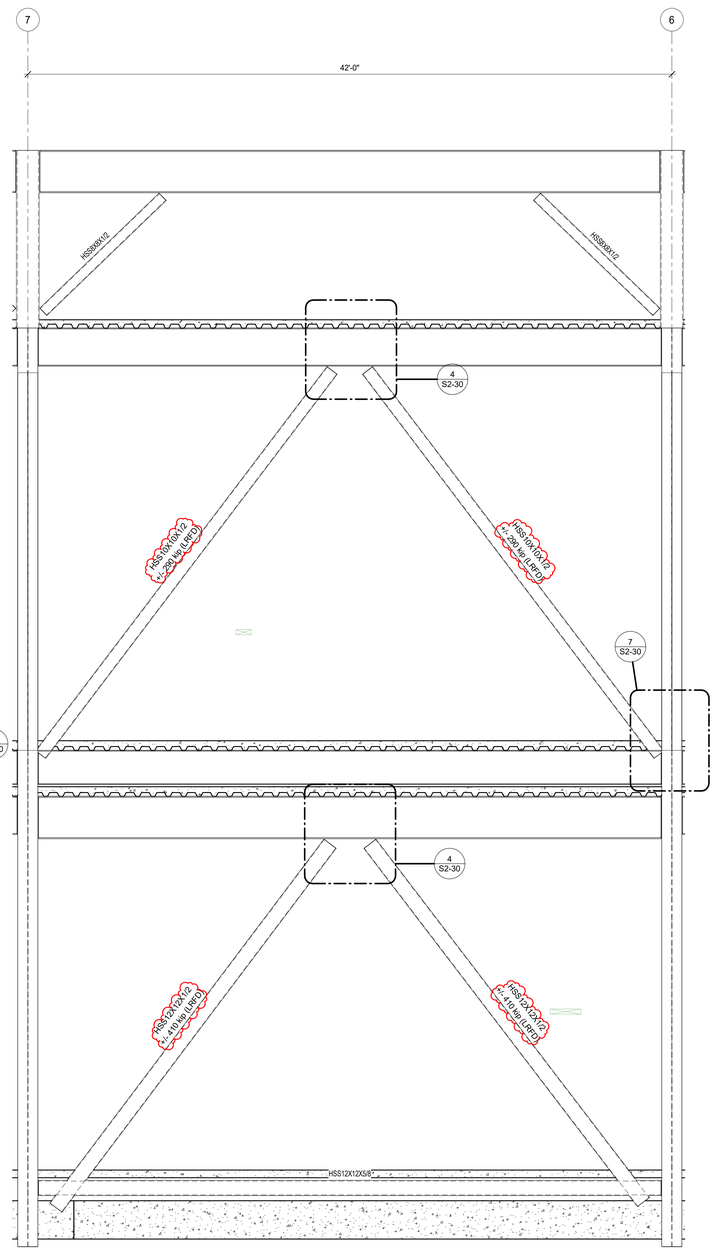
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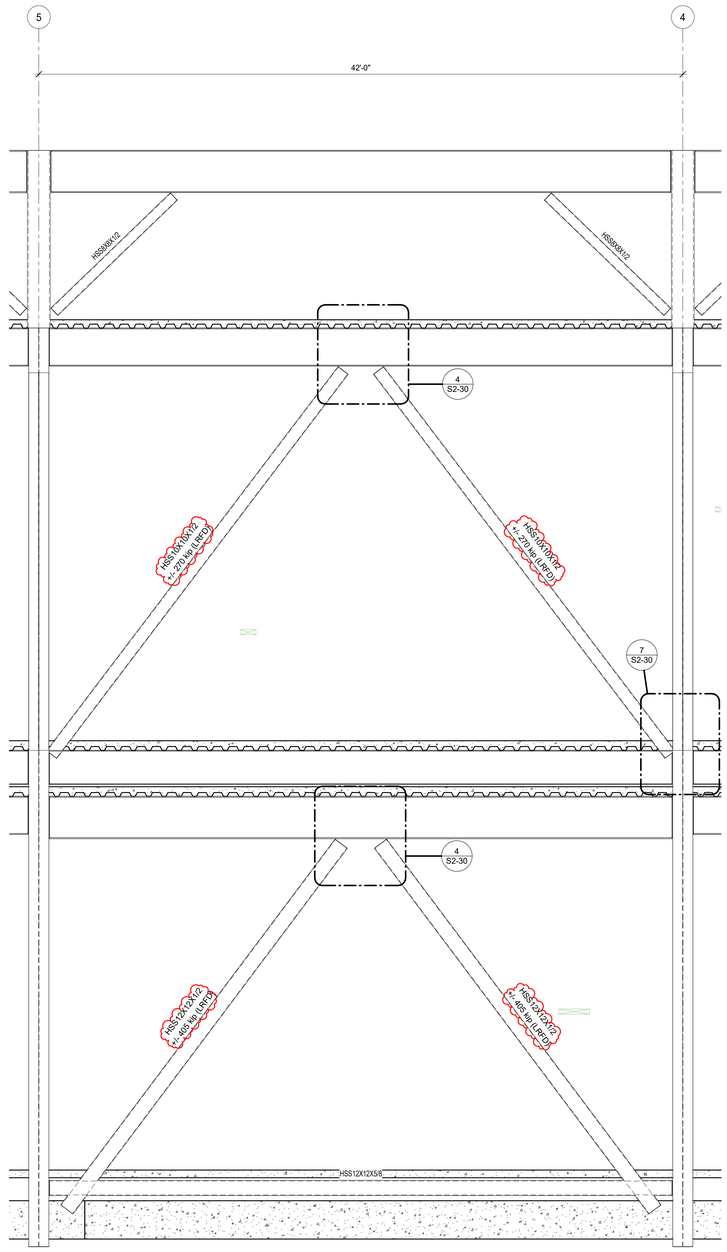
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3 BRACED FRAME ELEVATION ALONG GRID B
1/4" = 1'-0"



2 BRACED FRAME ELEVATION ALONG GRID B
1/4" = 1'-0"



1 BRACED FRAME ELEVATION ALONG GRID B
1/4" = 1'-0"

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FRAME ELEVATIONS

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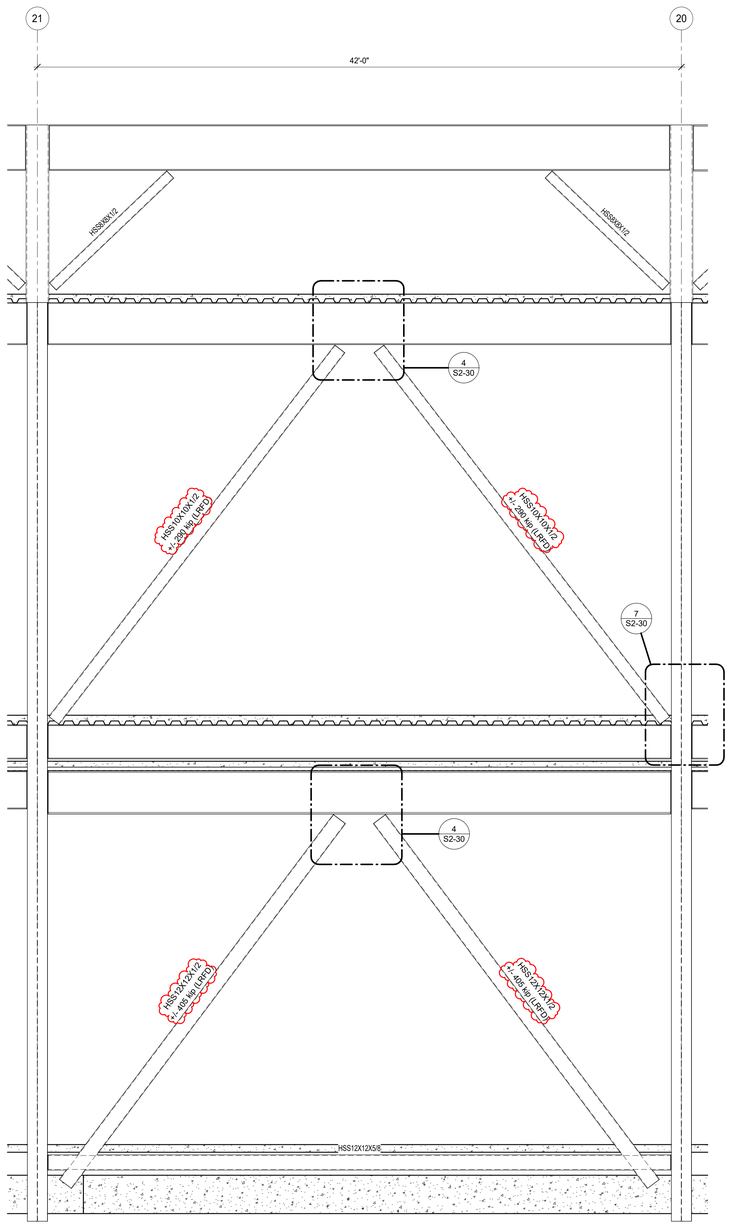
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3/28/2025 4:36:27 PM S2-03 FRAME ELEVATIONS

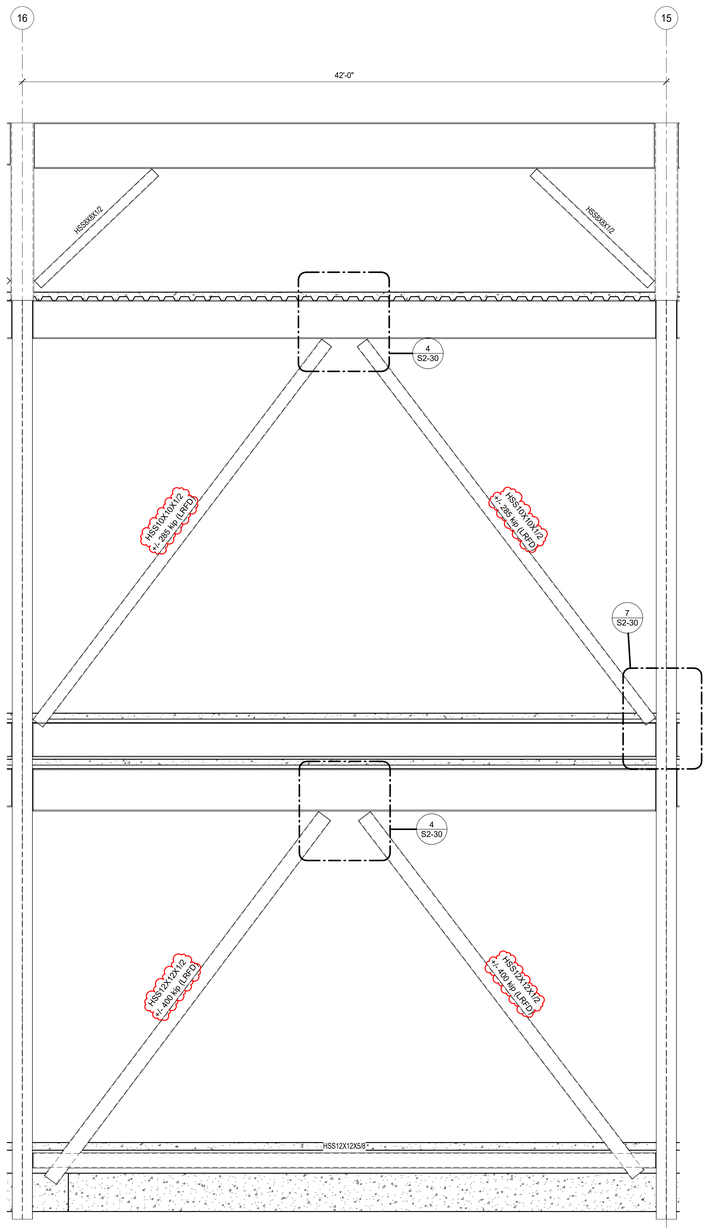
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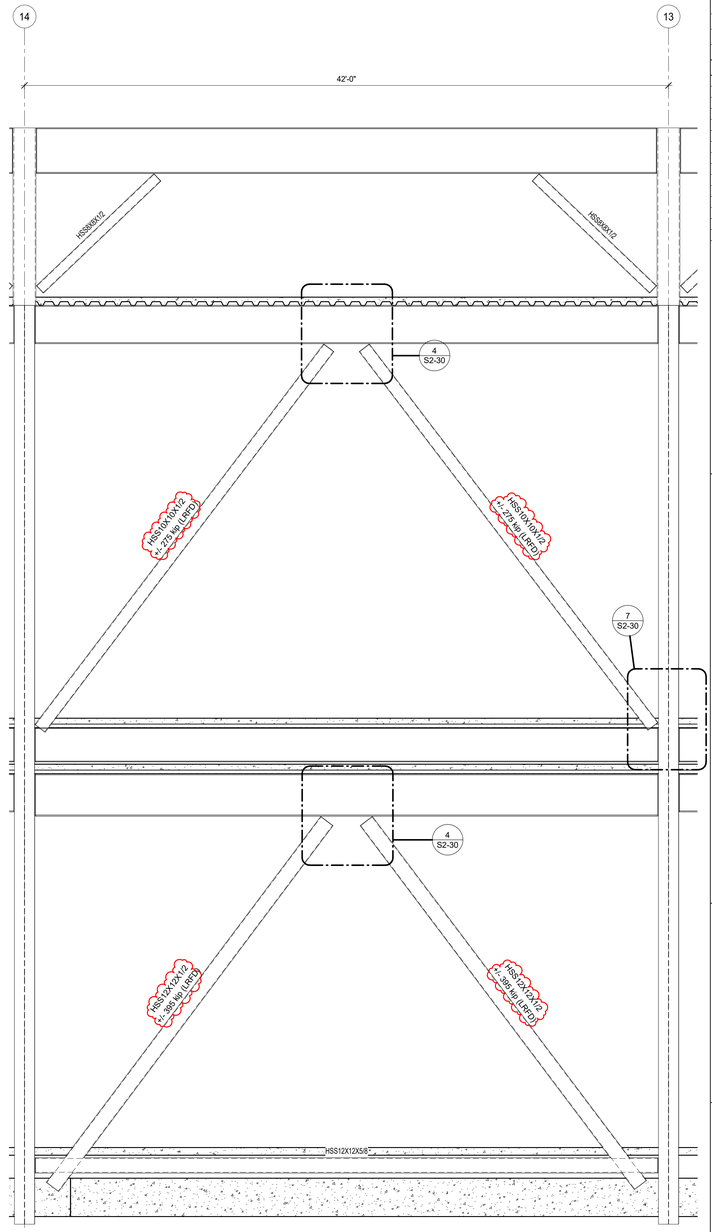
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3 BRACED FRAME ELEVATION ALONG GRID B
1/4" = 1'-0"



2 BRACED FRAME ELEVATION ALONG GRID B
1/4" = 1'-0"



1 BRACED FRAME ELEVATION ALONG GRID B
1/4" = 1'-0"

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SYSKA HENNESSY GROUP

TLC DESIGN CONSULTING LLC

ISSUES

1	12.20.24	DESIGN DEVELOPMENT
2	01.31.25	ISSUE FOR PERMIT
3	05.30.25	FOUNDATION ONLY IFP
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REVISIONS

1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KEVID
65236
PROFESSIONAL ENGINEER

AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

FRAME ELEVATIONS

JOB 24464.0000
DATE 03.28.2025
SHEET

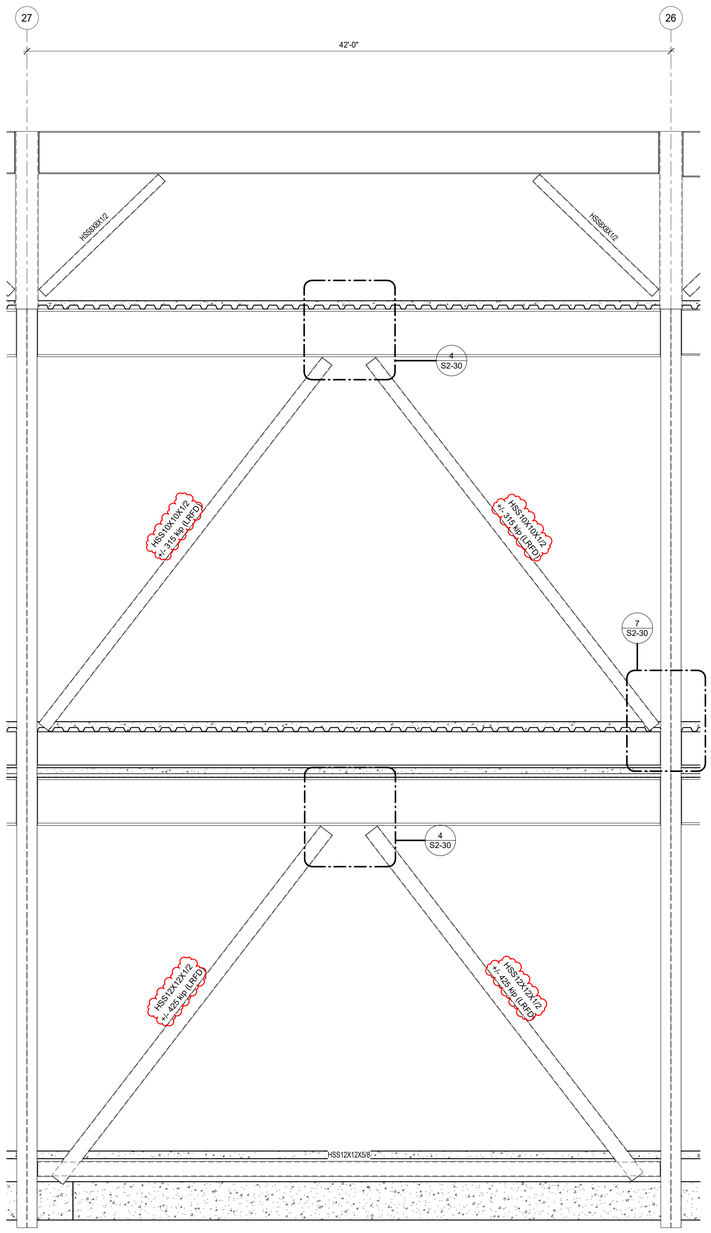
S2-04

3/28/2025 4:36:29 PM S2-04 FRAME ELEVATIONS

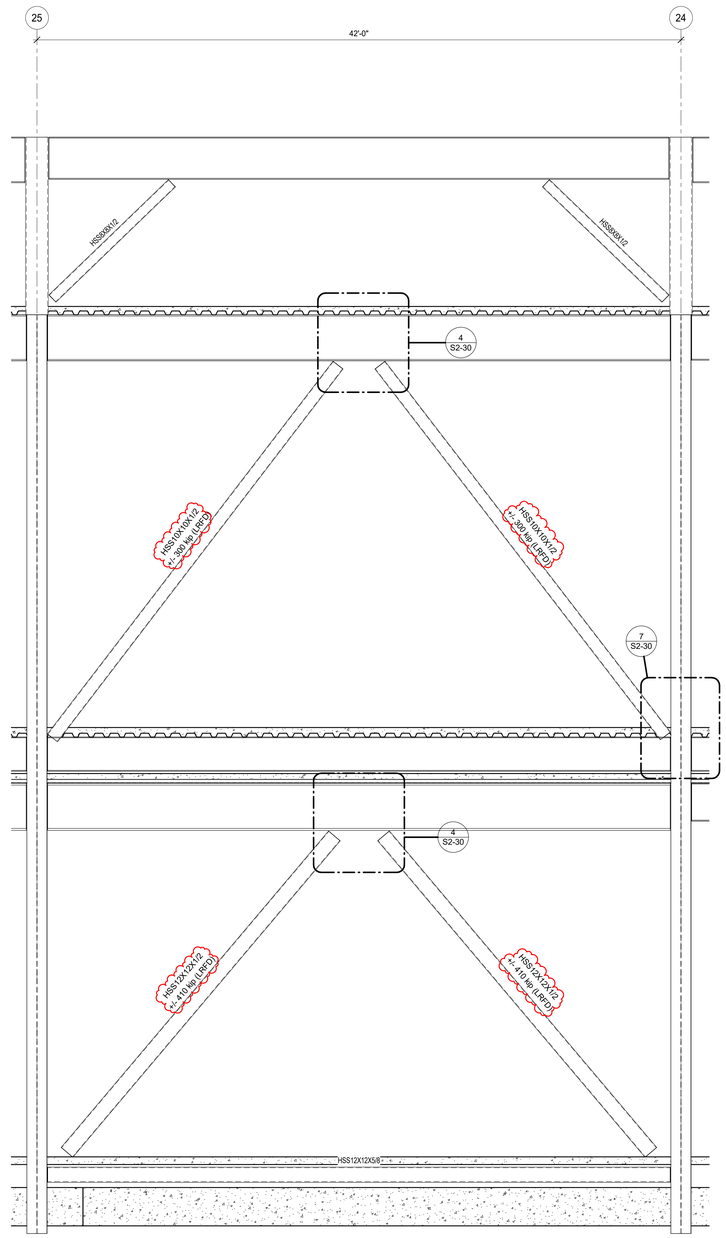
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City of Aurora Building Division
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Approved as Noted: Dirk Anderson
Date: Jun 30, 2025
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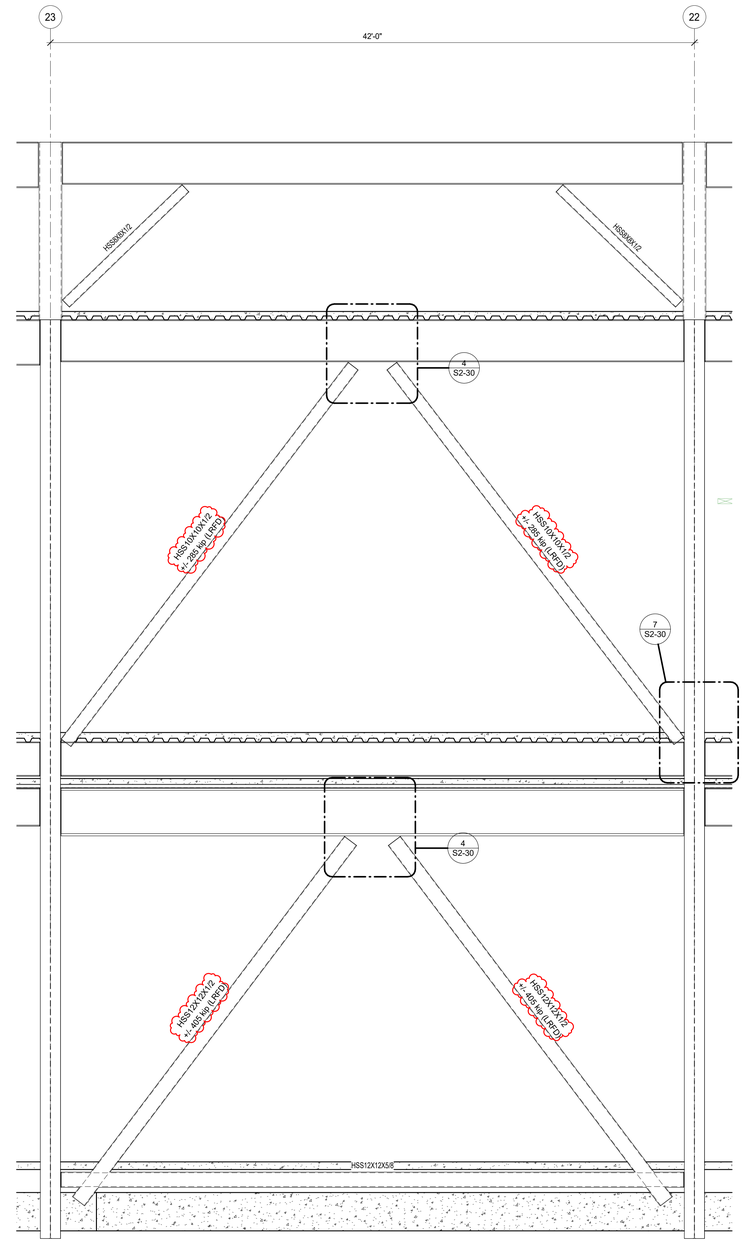
Only highlighted or clouded revisions are approved on this review. All previous comments apply.



3 BRACED FRAME ELEVATION ALONG GRID B
1/4" = 1'-0"



2 BRACED FRAME ELEVATION ALONG GRID B
1/4" = 1'-0"



1 BRACED FRAME ELEVATION ALONG GRID B
1/4" = 1'-0"

3/28/2025 4:36:31 PM S2-05 FRAME ELEVATIONS

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	REVISIONS	
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KEVIL
65236
PROFESSIONAL ENGINEER

AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

FRAME ELEVATIONS

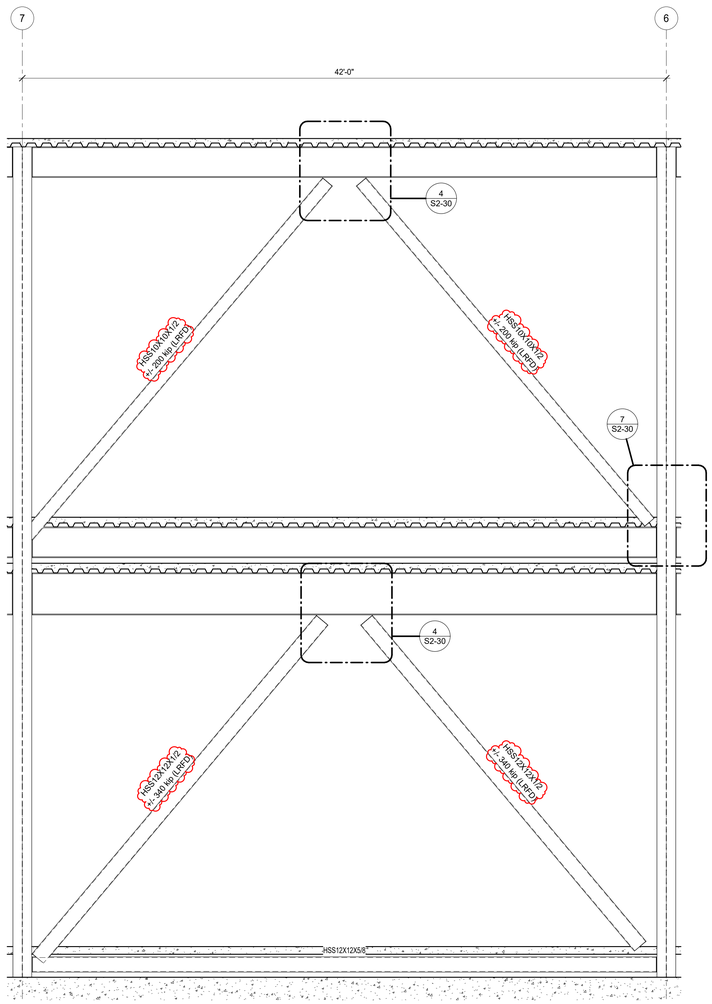
JOB 24464.0000
DATE 03.28.2025
SHEET

S2-05

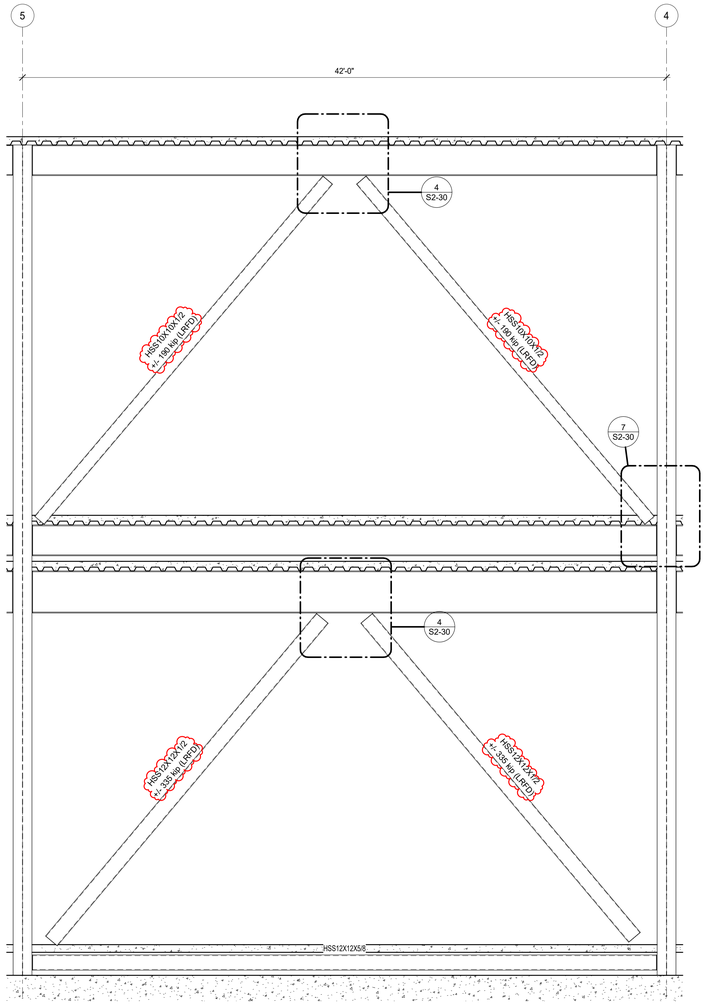
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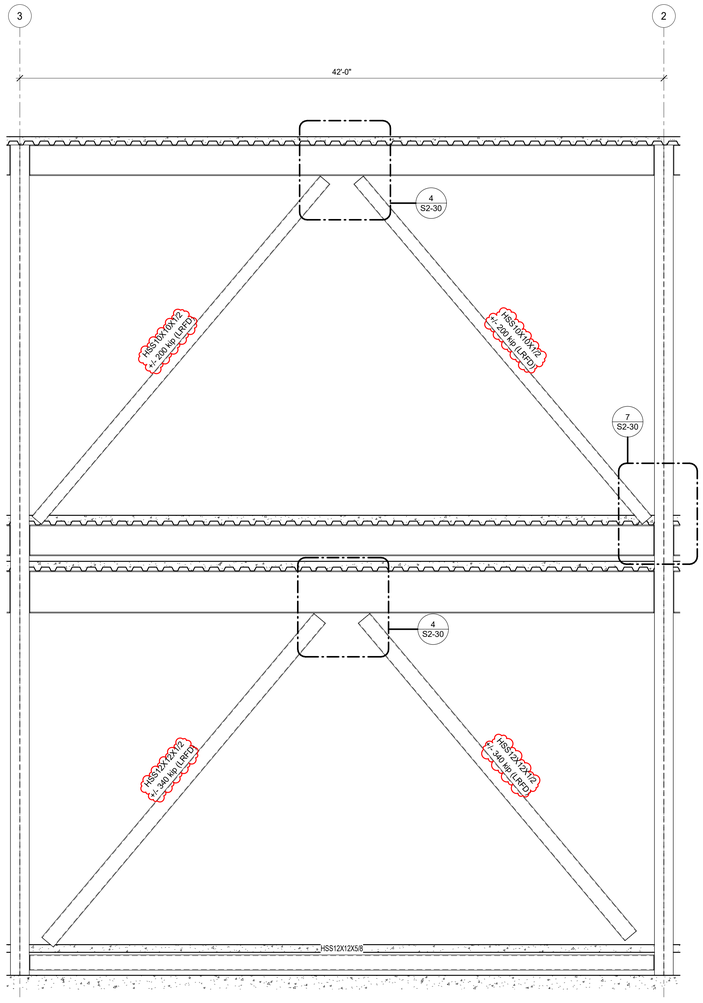
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3 BRACED FRAME ELEVATION ALONG GRID F
1/4" = 1'-0"



2 BRACED FRAME ELEVATION ALONG GRID F
1/4" = 1'-0"



1 BRACED FRAME ELEVATION ALONG GRID F
1/4" = 1'-0"

3/28/2025 4:36:34 PM S2-06 FRAME ELEVATIONS

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ISSUES		
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REVISIONS		
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Date of issue:
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QTS DEN1 DC2
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FRAME ELEVATIONS

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DATE 03.28.2025
SHEET

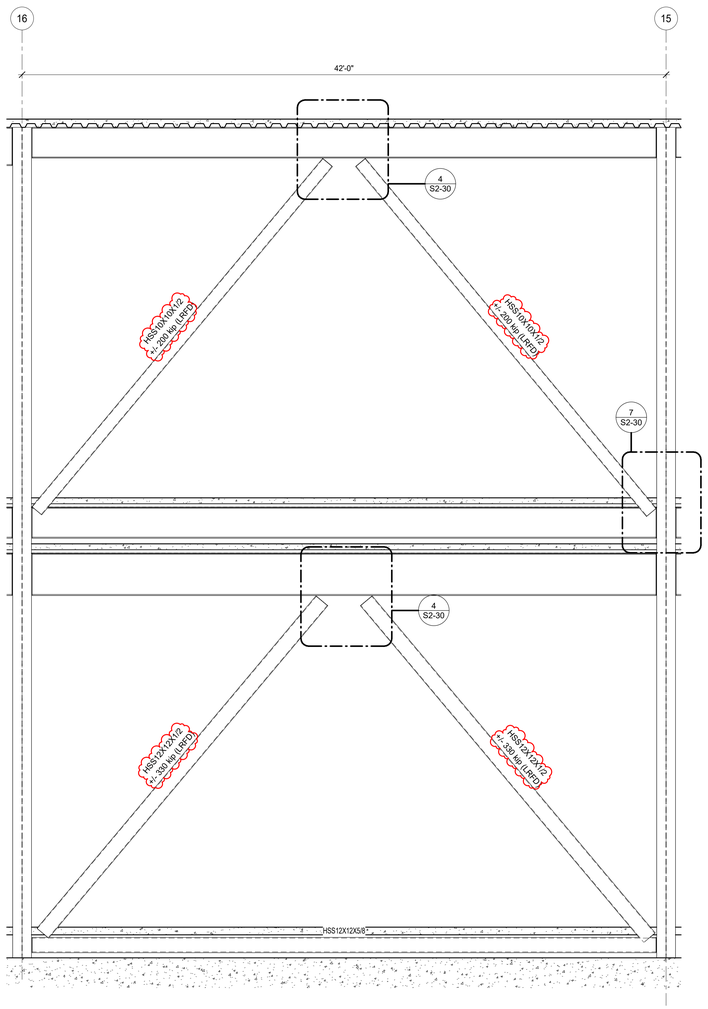
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Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121

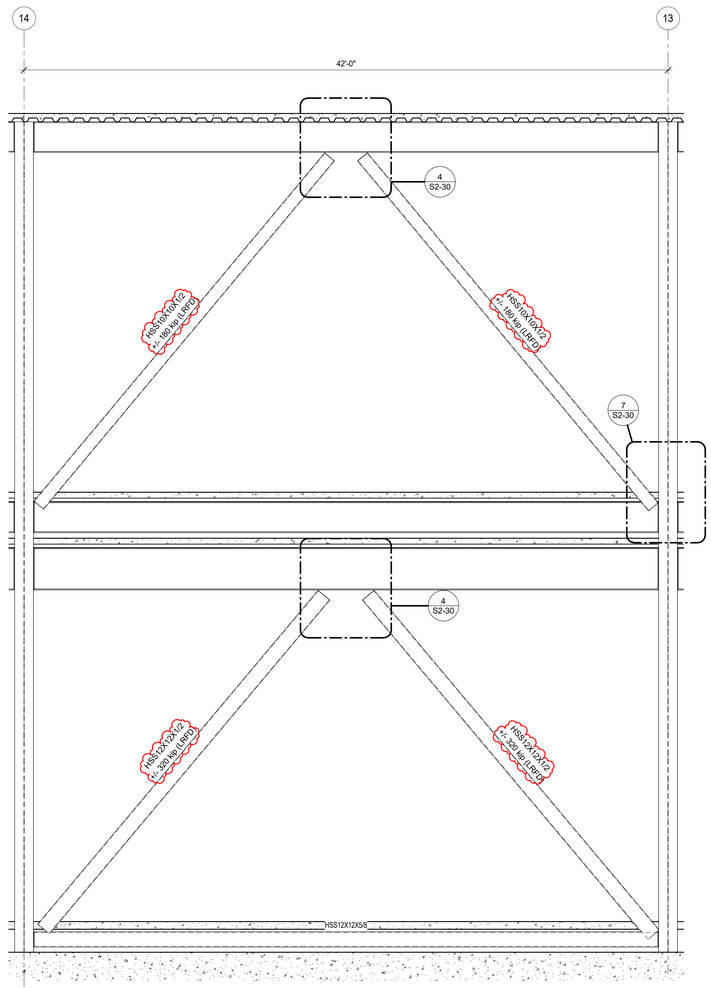
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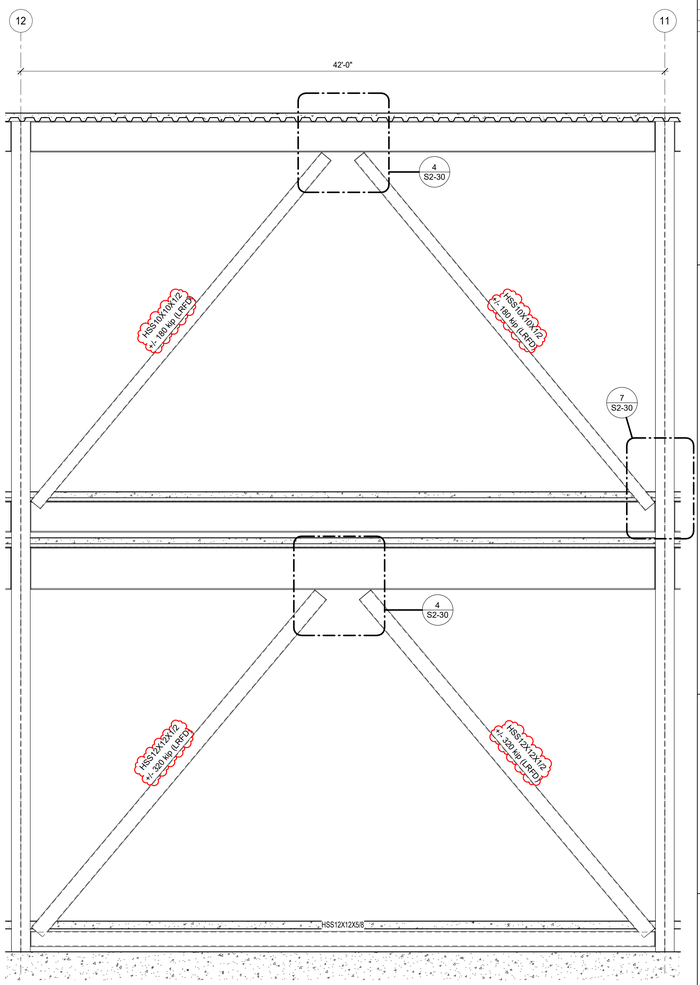
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3 BRACED FRAME ELEVATION ALONG GRID F
1/4" = 1'-0"



2 BRACED FRAME ELEVATION ALONG GRID F
1/4" = 1'-0"



1 BRACED FRAME ELEVATION ALONG GRID F
1/4" = 1'-0"

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QTS DEN1 DC2
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FRAME ELEVATIONS

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DATE 03.28.2025
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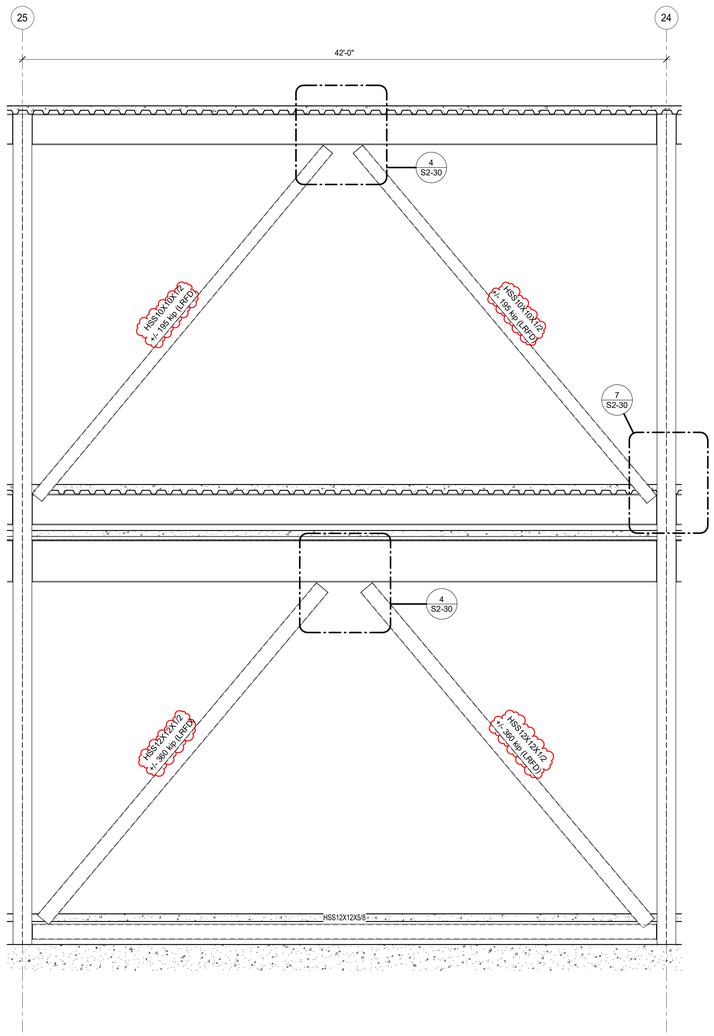
S2-07

3/28/2025 4:36:35 PM S2-07 FRAME ELEVATIONS

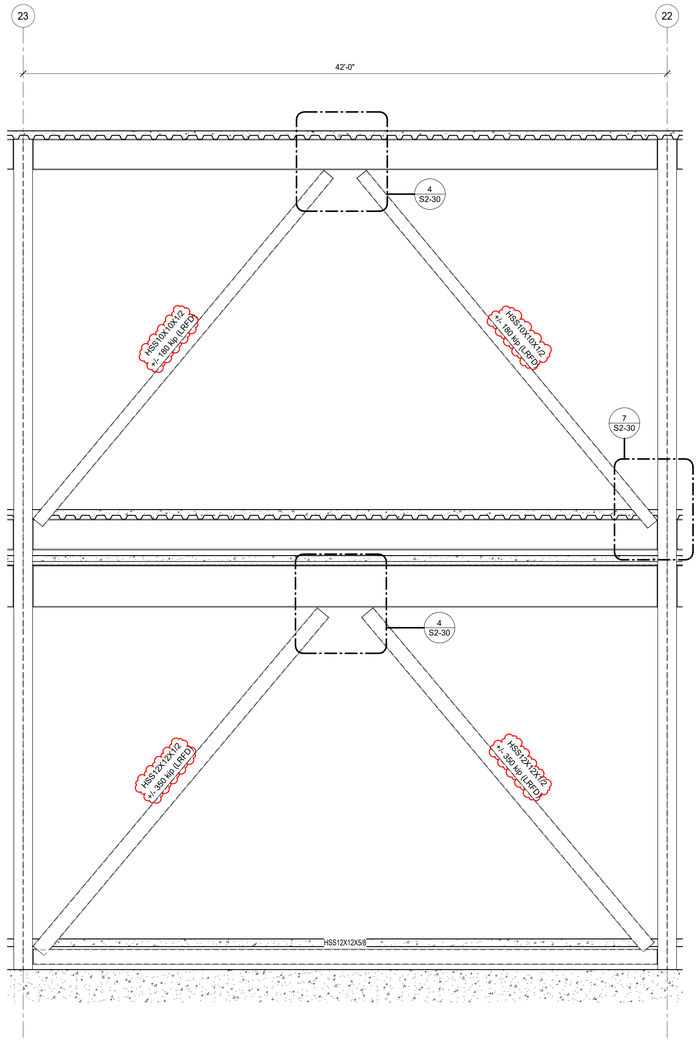
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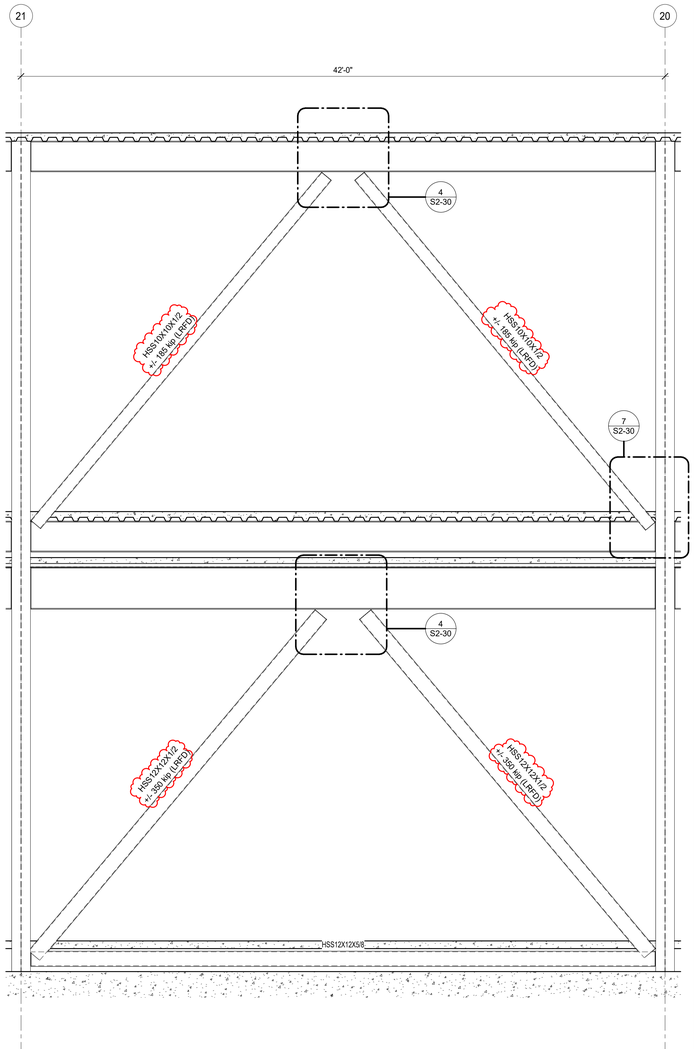
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3 BRACED FRAME ELEVATION ALONG GRID F
1/4" = 1'-0"



2 BRACED FRAME ELEVATION ALONG GRID F
1/4" = 1'-0"



1 BRACED FRAME ELEVATION ALONG GRID F
1/4" = 1'-0"

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QTS DEN1 DC2
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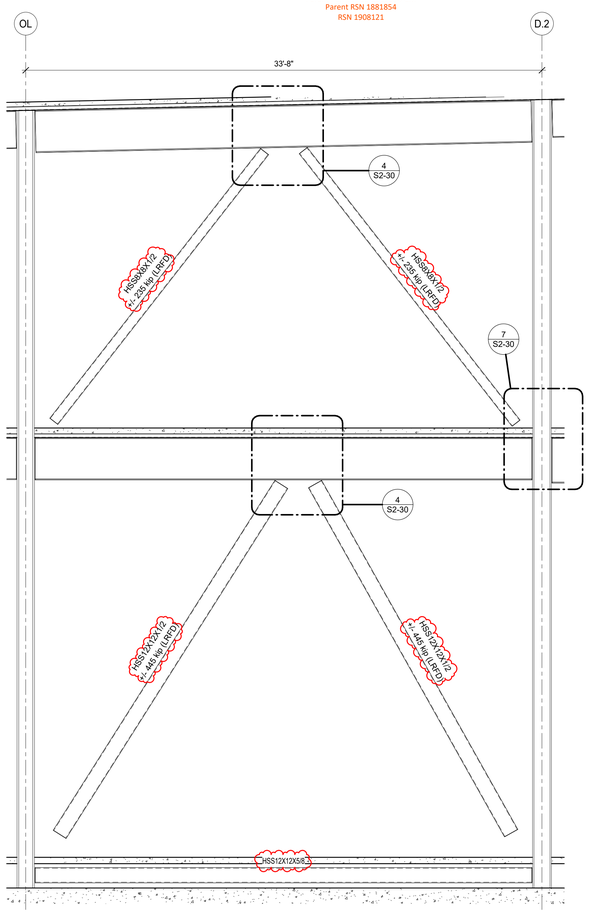
FRAME ELEVATIONS

JOB 24464.0000
DATE 03.28.2025
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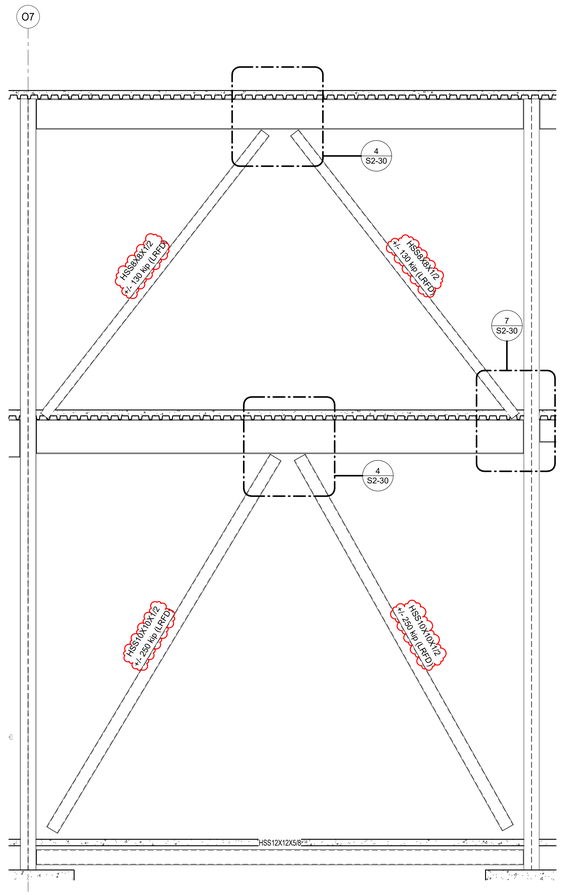
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3/28/2025 4:36:38 PM S2-08 FRAME ELEVATIONS

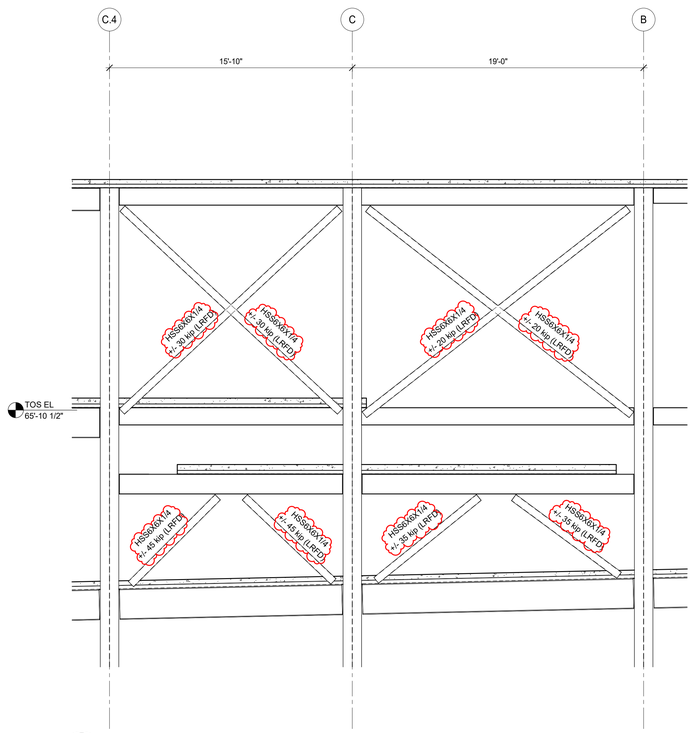
Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



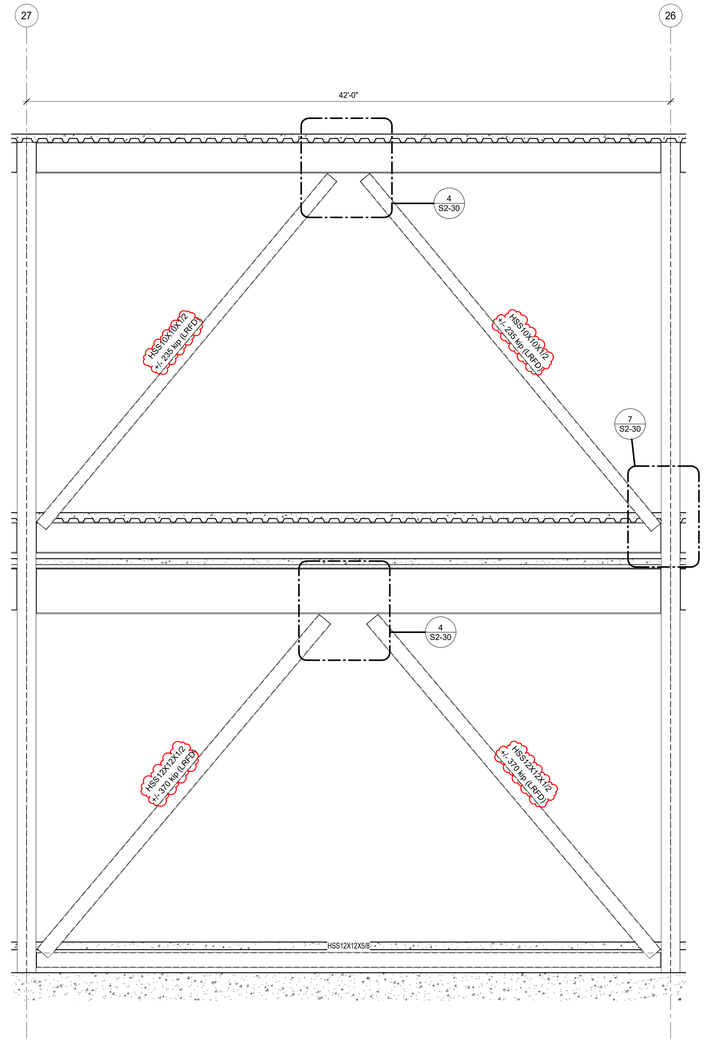
4 BRACED FRAME ELEVATION ALONG GRID O7
1/4" = 1'-0"



3 BRACED FRAME ELEVATION ALONG GRID OM
1/4" = 1'-0"



2 BRACED FRAME ELEVATION ALONG GRID 30.6
1/4" = 1'-0"



1 BRACED FRAME ELEVATION ALONG GRID F
1/4" = 1'-0"

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REVISIONS		
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. HEYD
65236
PROFESSIONAL ENGINEER

AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

FRAME ELEVATIONS

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DATE 03.28.2025
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S2-09

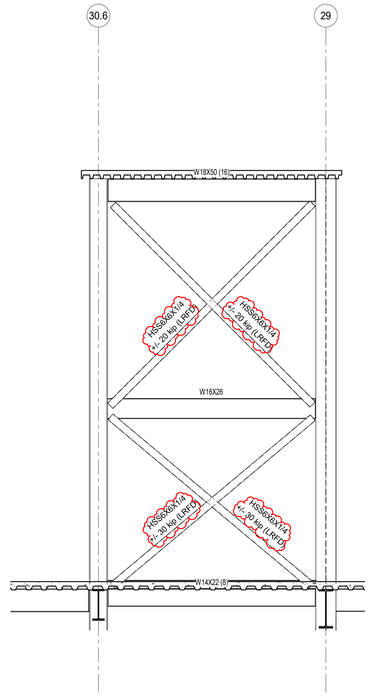
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Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121

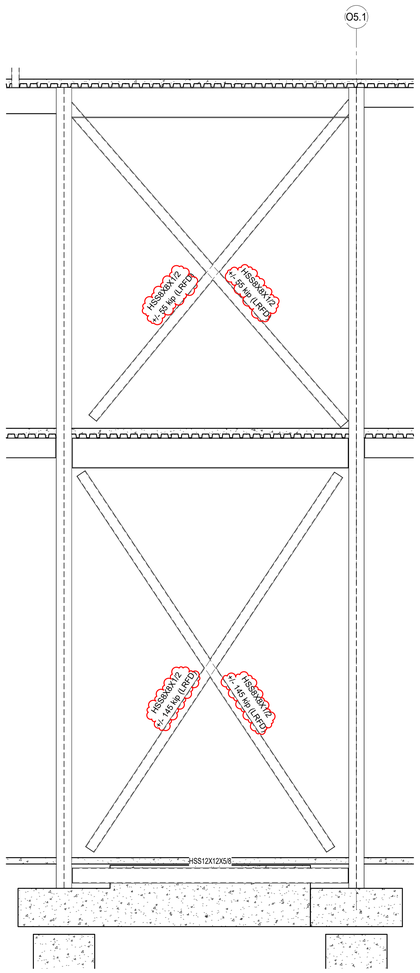
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City of Aurora Building Division
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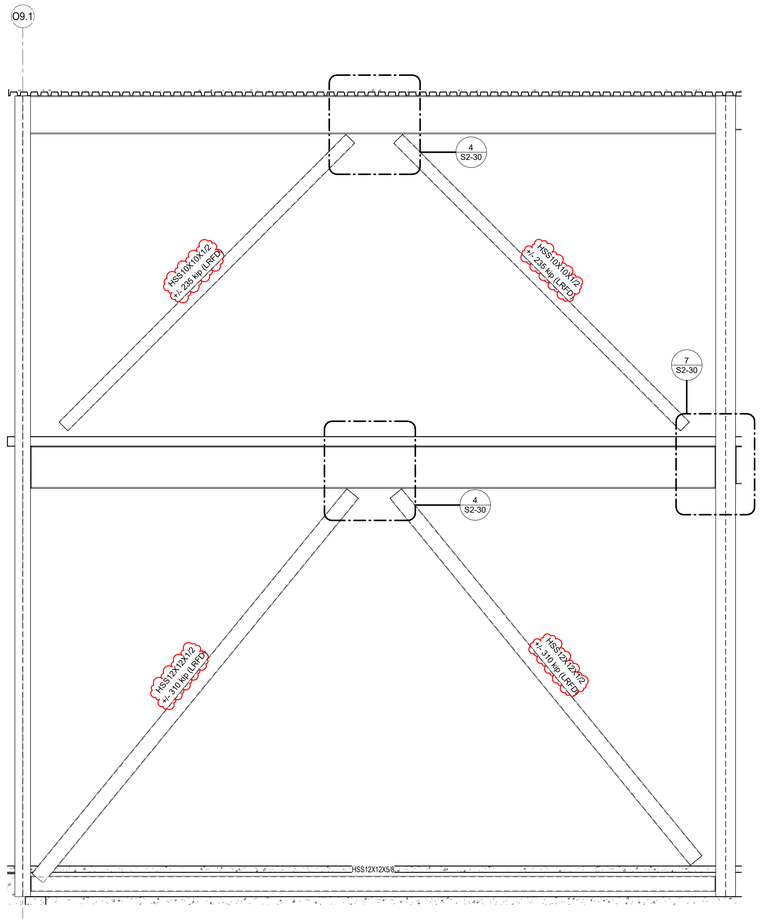
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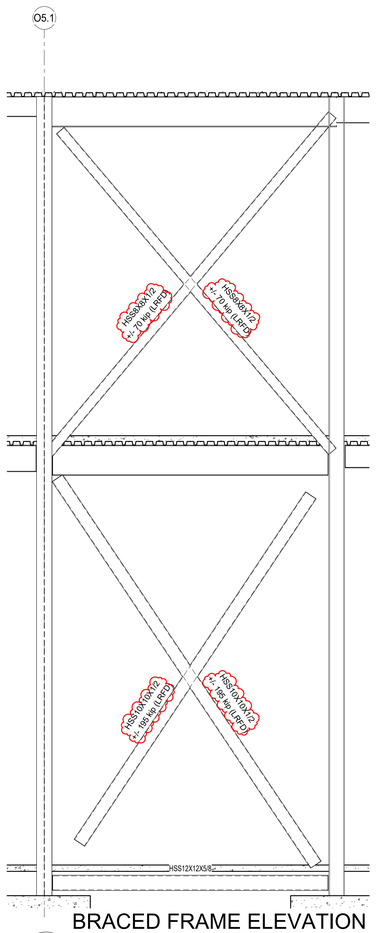
5 BRACE FRAME ELEVATION ALONG GRID D
1/4" = 1'-0"



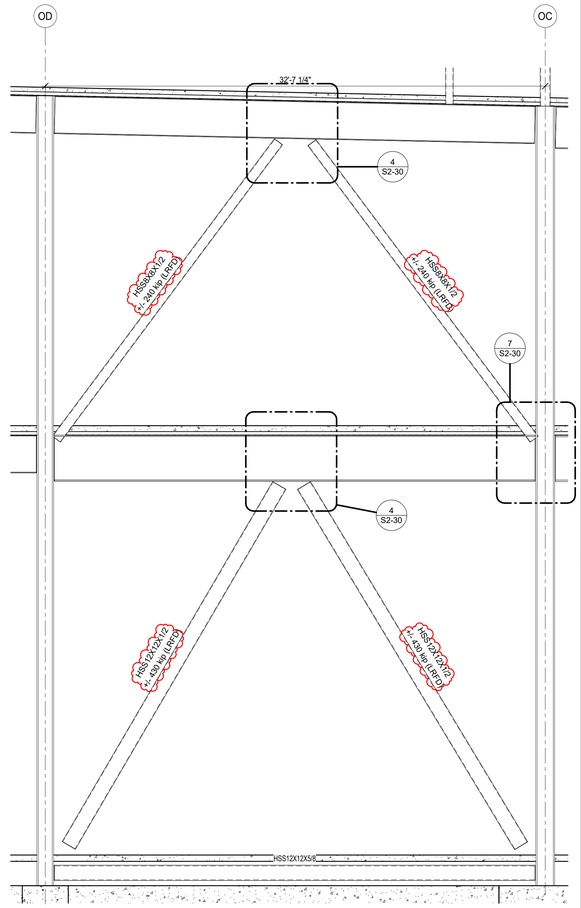
4 BRACED FRAME ELEVATION ALONG GRID OF
1/4" = 1'-0"



3 BRACED FRAME ELEVATION ALONG GRID OF
1/4" = 1'-0"



2 BRACED FRAME ELEVATION ALONG GRID OH
1/4" = 1'-0"



1 BRACE FRAME ELEVATION ALONG GRID O7
1/4" = 1'-0"

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FRAME ELEVATIONS

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DATE 03.28.2025
SHEET

S2-10

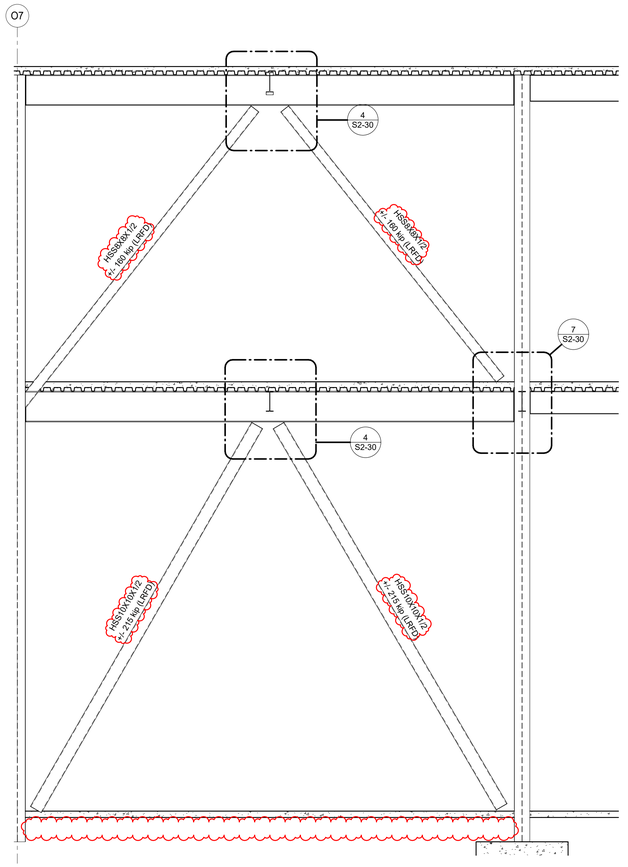
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Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121

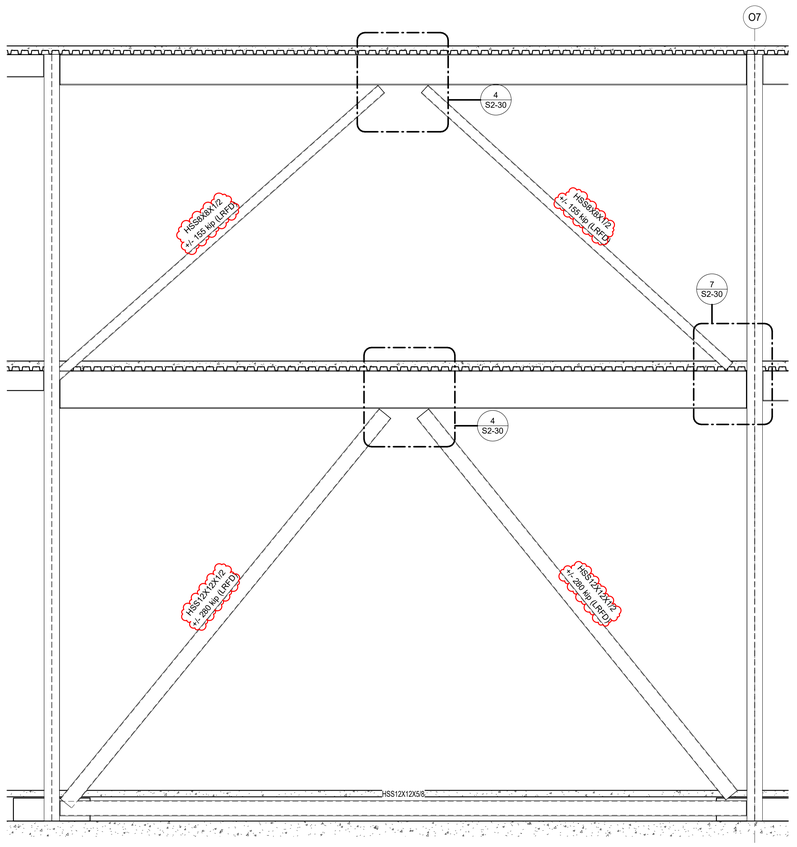
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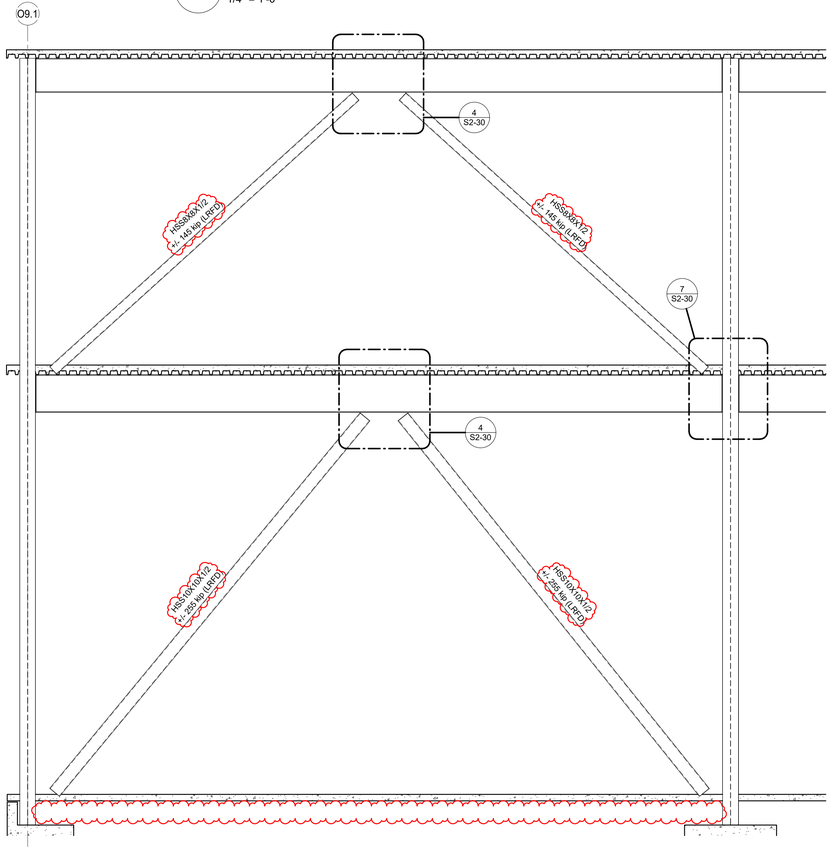
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4 BRACED FRAME ELEVATION ALONG GRID OA
1/4" = 1'-0"



2 Elevation 2 - a
1/4" = 1'-0"



1 BRACED FRAME ELEVATION ALONG GRID OA
1/4" = 1'-0"

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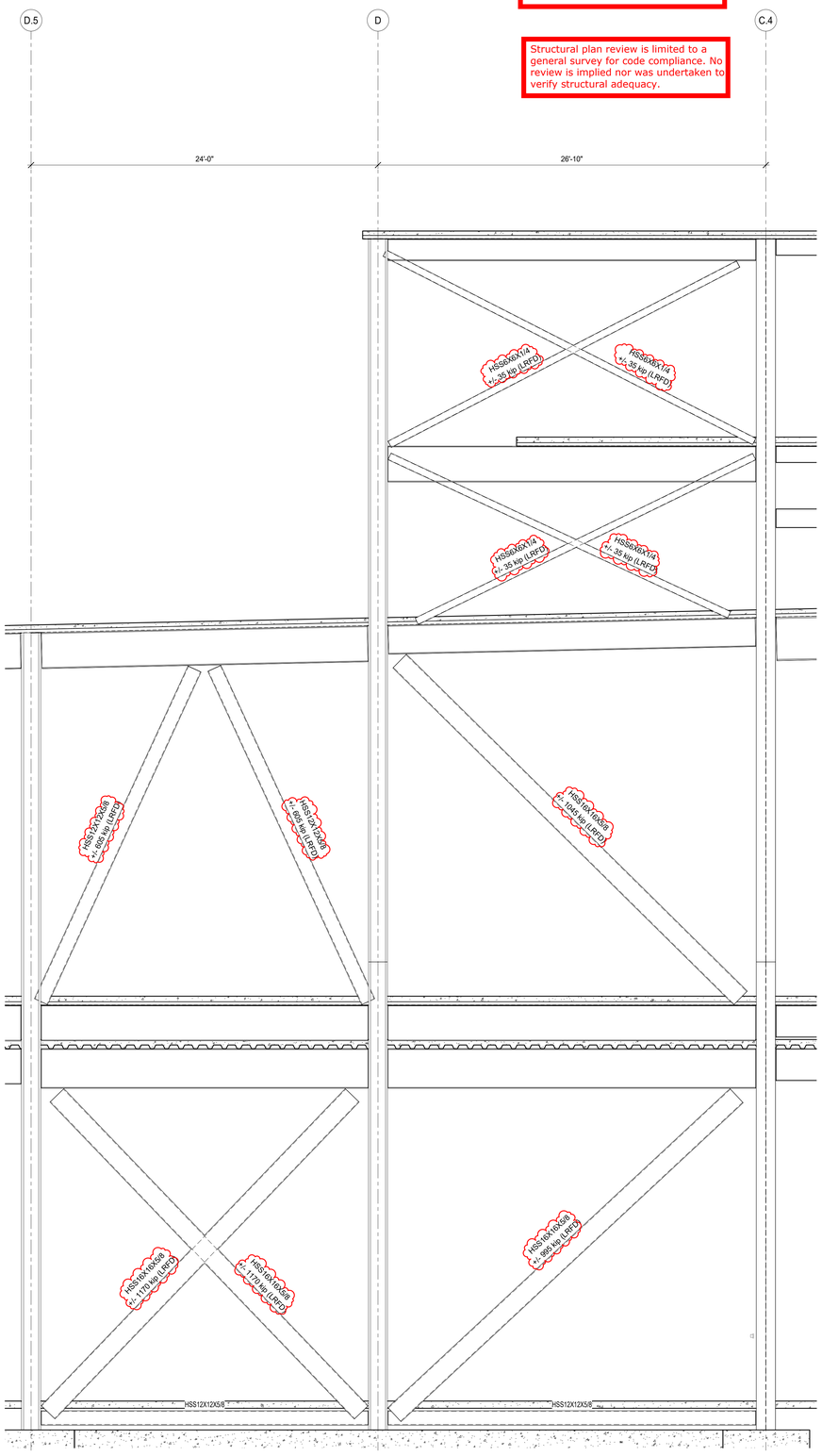
S2-11

City of Aurora Building Division
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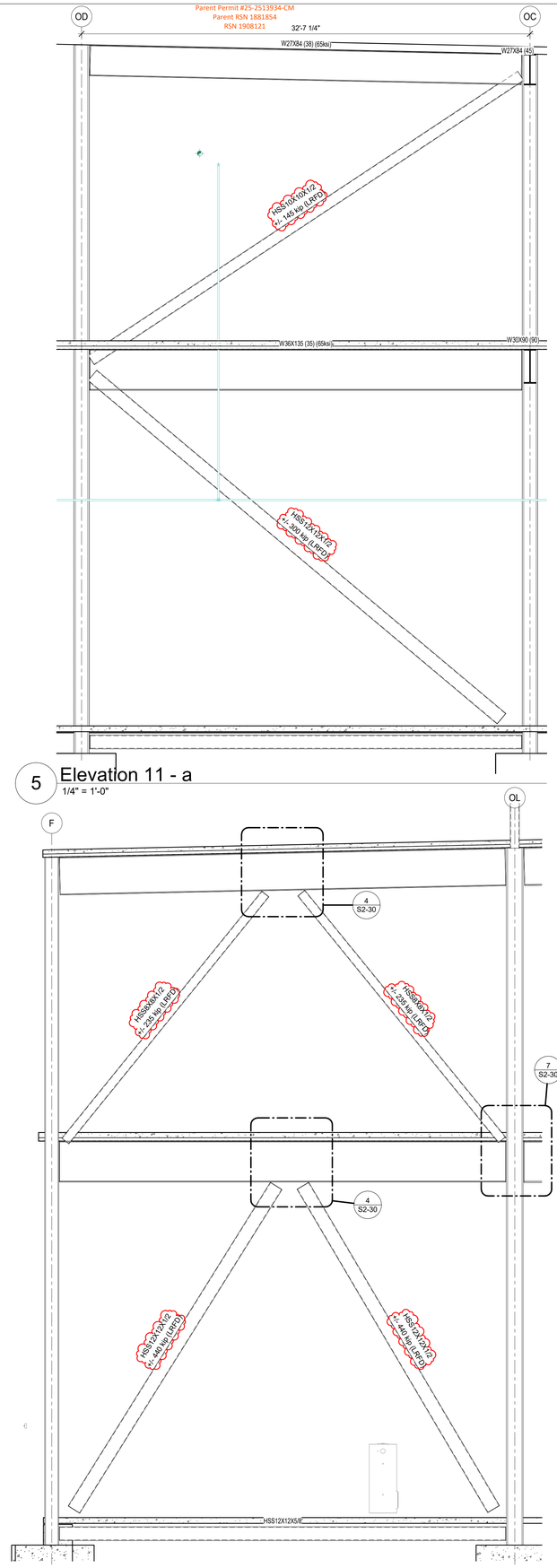
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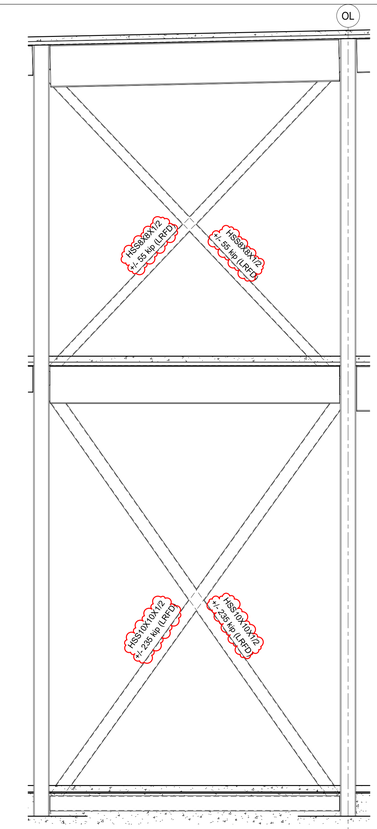
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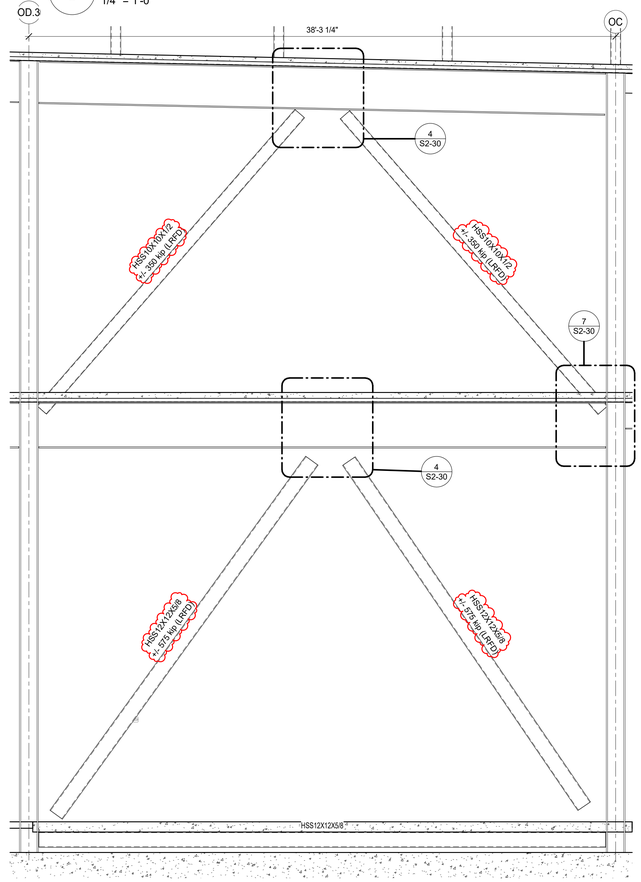
4 BRACED FRAME ELEVATION ALONG GRID 29
1/4" = 1'-0"



5 Elevation 11 - a
1/4" = 1'-0"



3 BRACED FRAME ELEVATION ALONG GRID O9.1
1/4" = 1'-0"



1 Elevation 5 - a
1/4" = 1'-0"

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S2-12

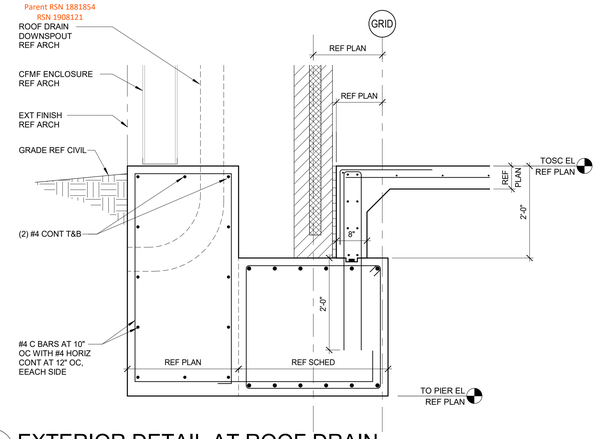
3/28/2025 4:36:50 PM S2-12 FRAME ELEVATIONS

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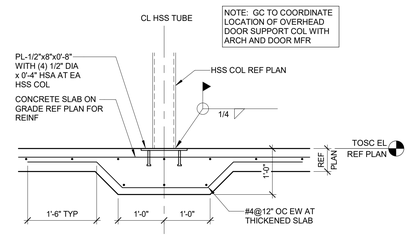
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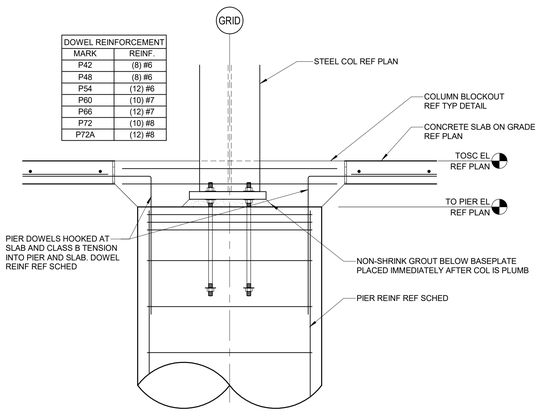
Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121



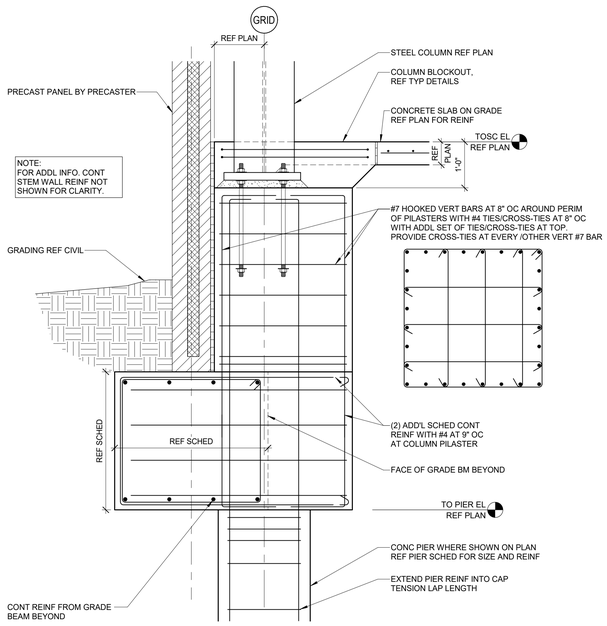
10 EXTERIOR DETAIL AT ROOF DRAIN
3/4" = 1'-0"



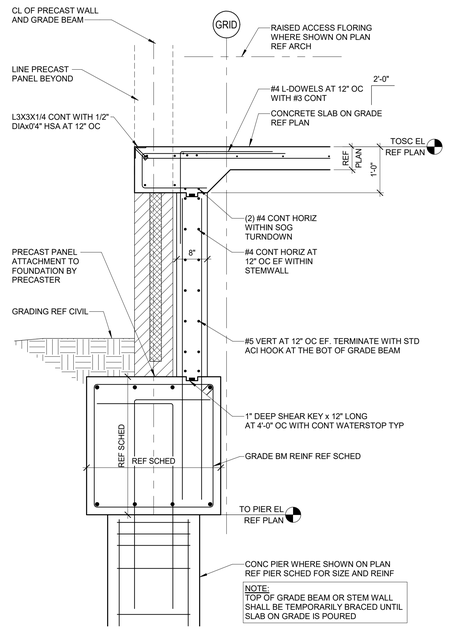
9 OVERHEAD DOOR SUPPORT AT FLOOR
3/4" = 1'-0"



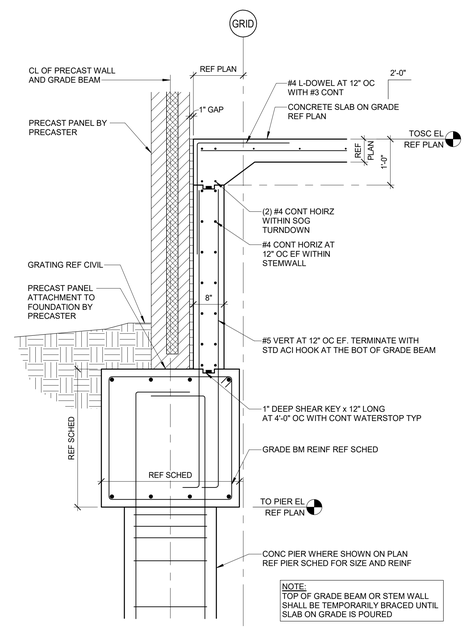
8 TYPICAL INTERIOR DETAIL AT COLUMN
3/4" = 1'-0"



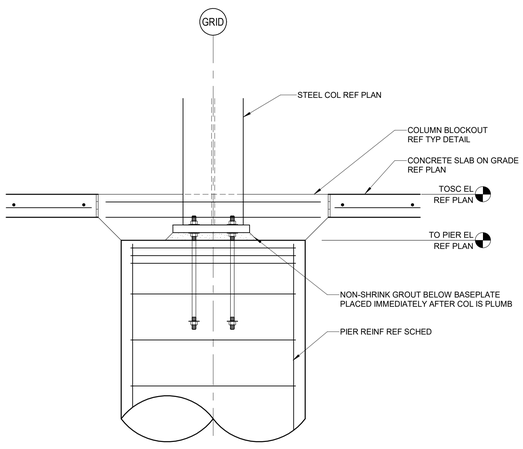
7 TYPICAL RECESSED EXTERIOR DETAIL COLUMN
3/4" = 1'-0"



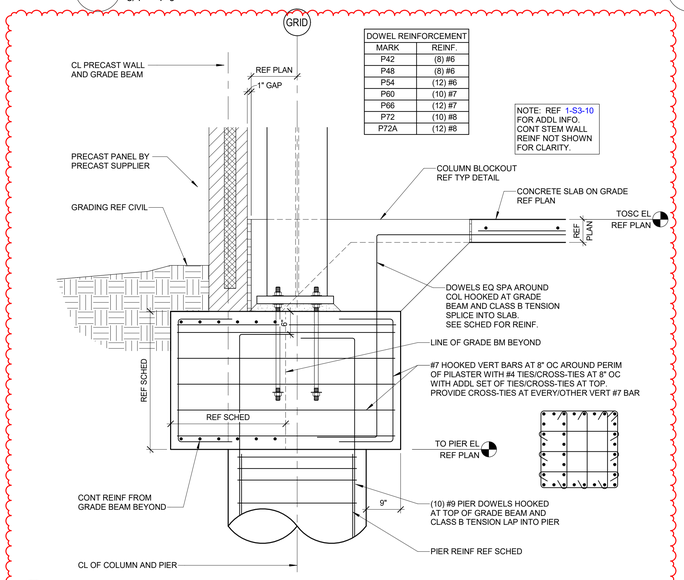
6 TYPICAL RECESSED EXTERIOR DETAIL AT PIER
3/4" = 1'-0"



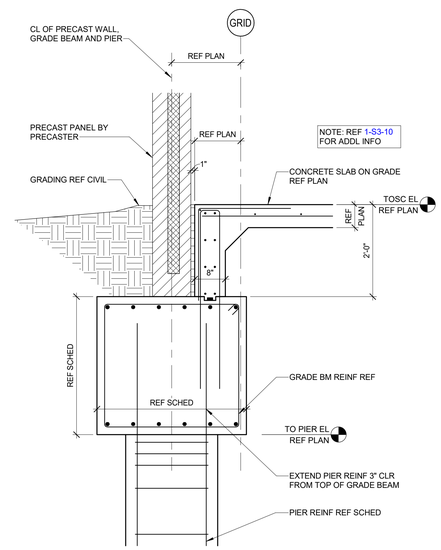
5 TYPICAL RECESSED EXTERIOR DETAIL
3/4" = 1'-0"



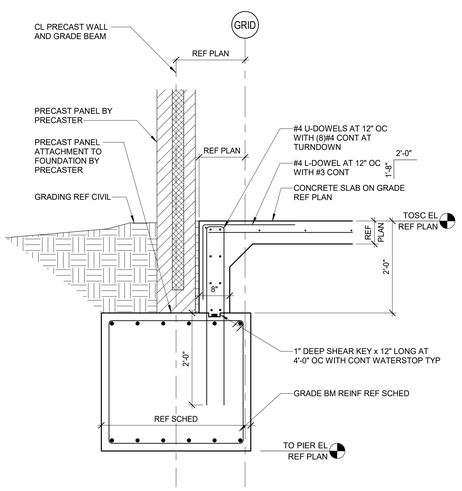
4 TYPICAL INTERIOR DETAIL AT COLUMN
3/4" = 1'-0"



3 TYPICAL EXTERIOR DETAIL AT COLUMN
3/4" = 1'-0"



2 TYPICAL EXTERIOR DETAIL AT PIER
3/4" = 1'-0"



1 TYPICAL EXTERIOR DETAIL
3/4" = 1'-0"

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AG/E
SYSKA HENNESSY GROUP
DESIGN CONSULTING LLC

	ISSUES	
1	12.20.24	DESIGN DEVELOPMENT
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8		
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10		

	REVISIONS	
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KEVID
65236
PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

FOUNDATION DETAILS

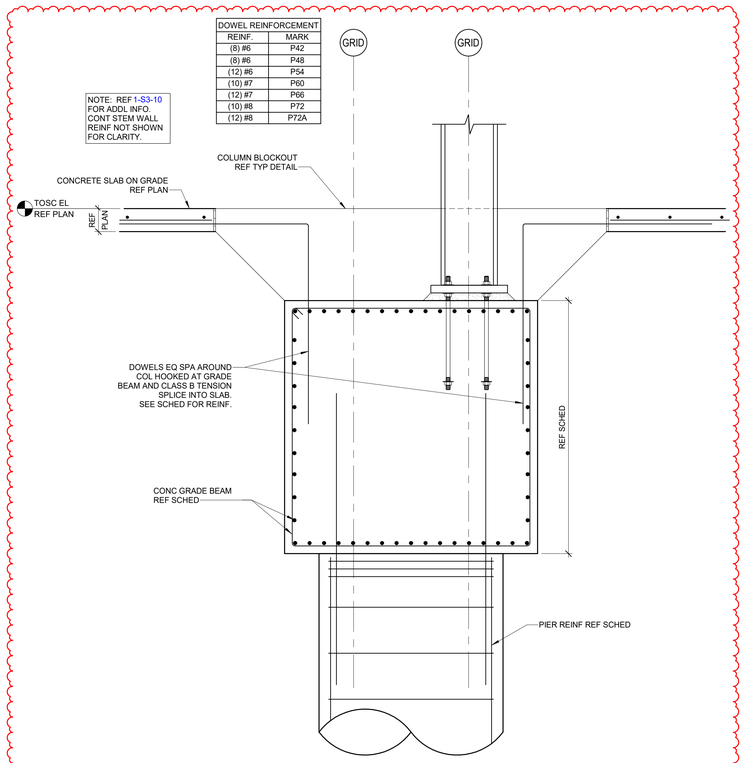
JOB 24464.0000
DATE 03.28.2025
SHEET

S3-10

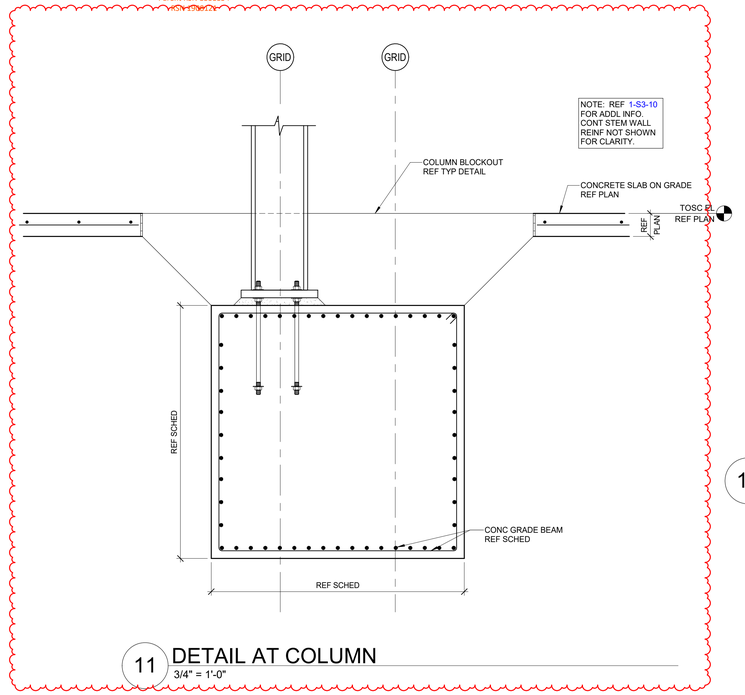
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Parent Permit #25-2513934-CM
Parent RSN 1881854
Page 32 of 37

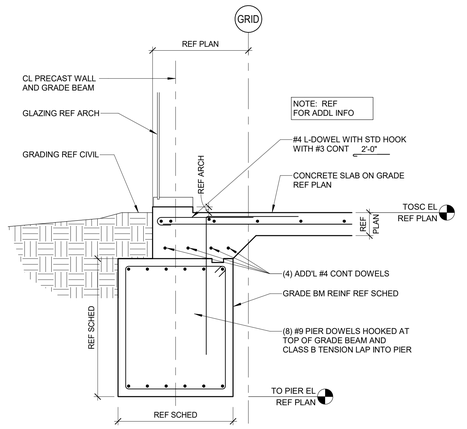
DOWEL REINFORCEMENT	
REINF.	MARK
(8) #6	P42
(8) #6	P48
(12) #6	P54
(10) #7	P60
(12) #7	P66
(10) #8	P72
(12) #8	P72A



12 DETAIL AT COLUMN/PIER
3/4" = 1'-0"

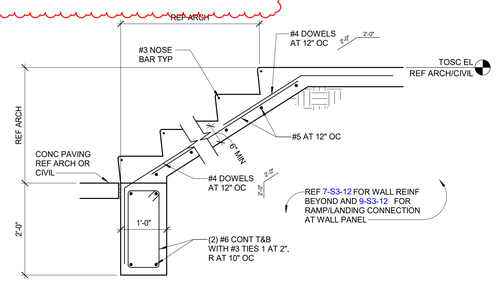


11 DETAIL AT COLUMN
3/4" = 1'-0"

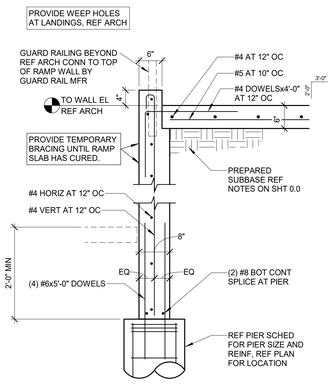


10 DETAIL
3/4" = 1'-0"

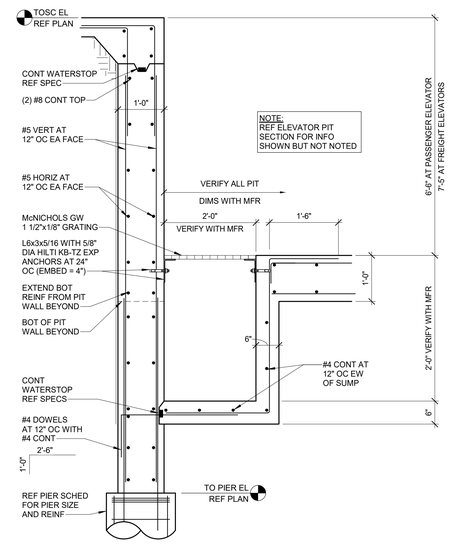
9 RAMP/LANDING AT PANEL
3/4" = 1'-0"



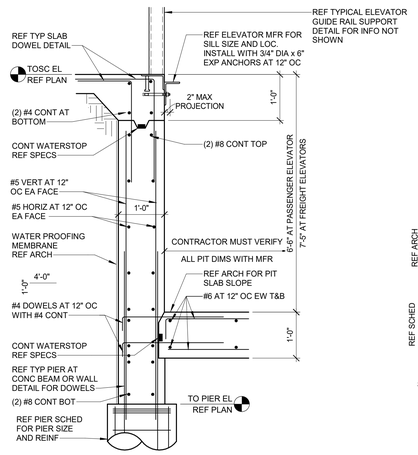
8 CONCRETE STAIR DETAIL
3/4" = 1'-0"



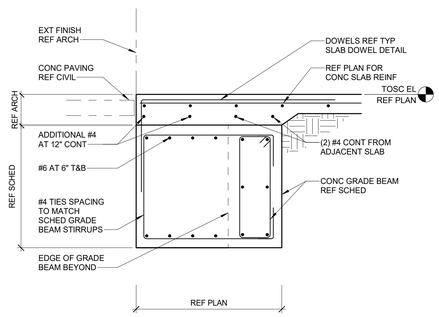
7 RAMP/LANDING AT PIER
3/4" = 1'-0"



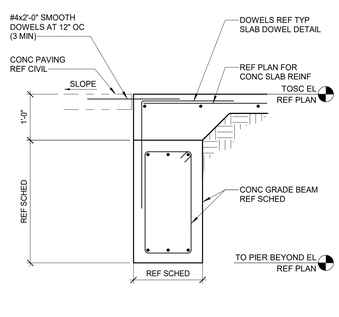
6 ELEVATOR SUMP PIT
3/4" = 1'-0"



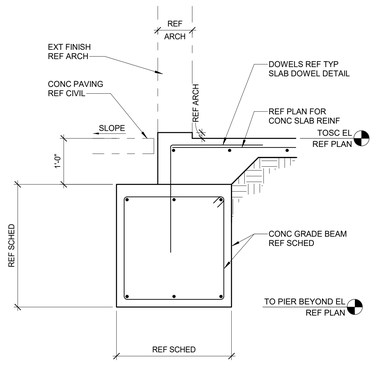
5 ELEVATOR PIT
3/4" = 1'-0"



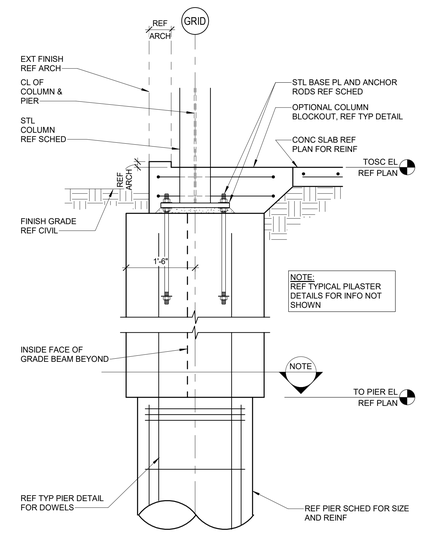
4 WIDENED GRADE BEAM
3/4" = 1'-0"



3 GRADE BEAM AT DOOR OPENING
3/4" = 1'-0"



2 EXTERIOR AT GRADE BEAM
3/4" = 1'-0"



1 COLUMN AT PILASTER
3/4" = 1'-0"

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City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: Dirk Anderson
Date: Jun 30, 2025
2021 INTERNATIONAL CODES & 2023 NEC

CORGAN
401 N. Houston Street Dallas, TX 75202
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AG/E
SYSKA HENNESSY GROUP
TCD DESIGN CONSULTING LLC

ISSUES		
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REVISIONS		
1	03.28.25	ADDENDUM 1

COLORADO LICENSED NICHOLAS W. KIVIO 65236 PROFESSIONAL ENGINEER
AG&E Structural Engenuity

Date of issue: 03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

FOUNDATION DETAILS

JOB 24464.0000
DATE 03.28.2025
SHEET

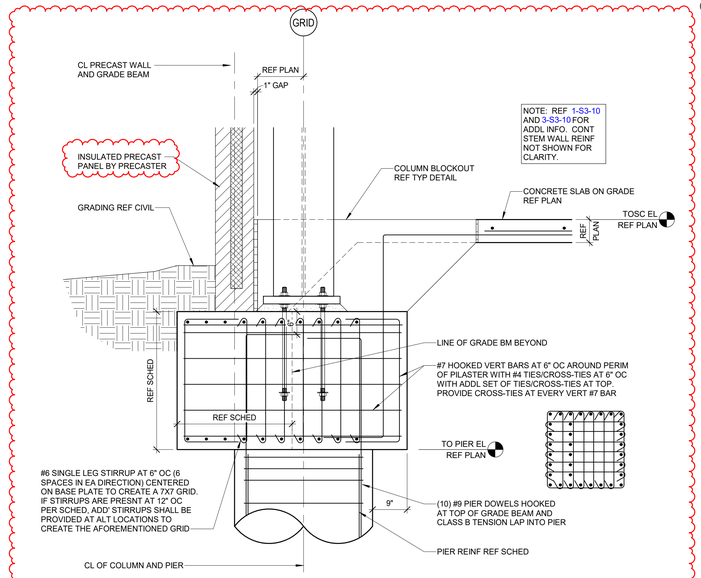
S3-12

3/28/2025 4:36:56 PM S3-12 FOUNDATION DETAILS

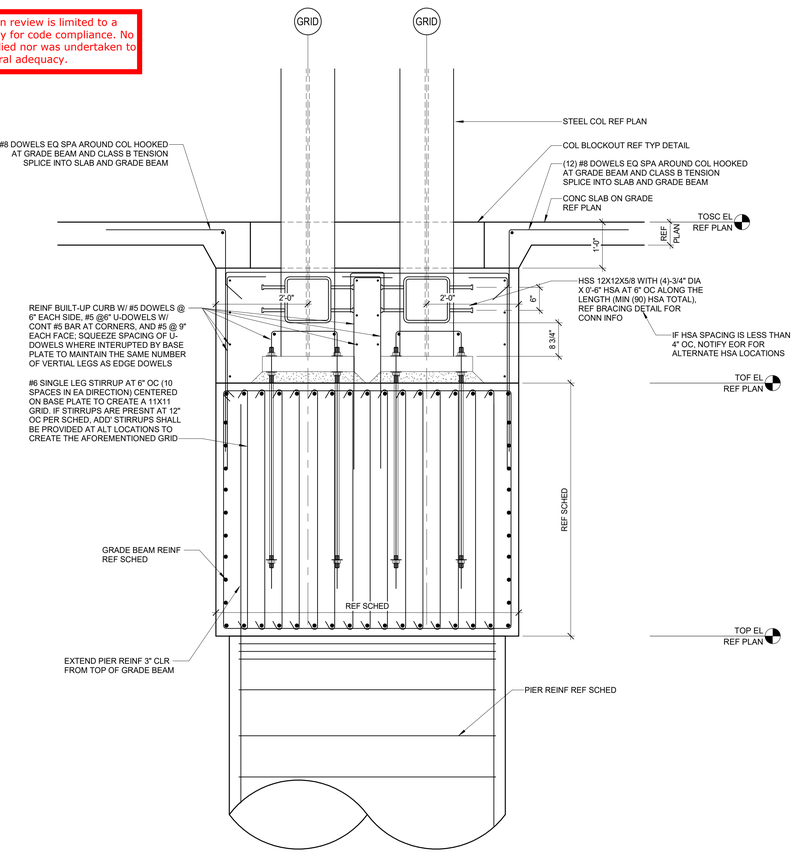
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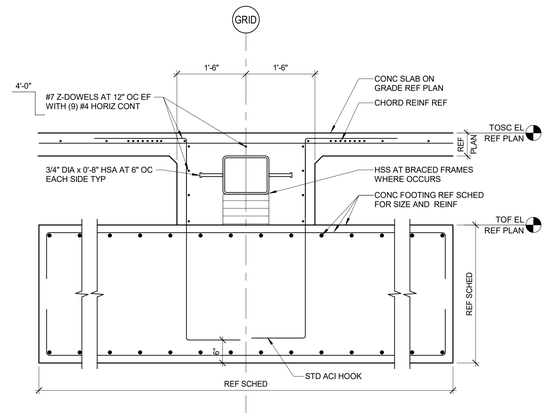
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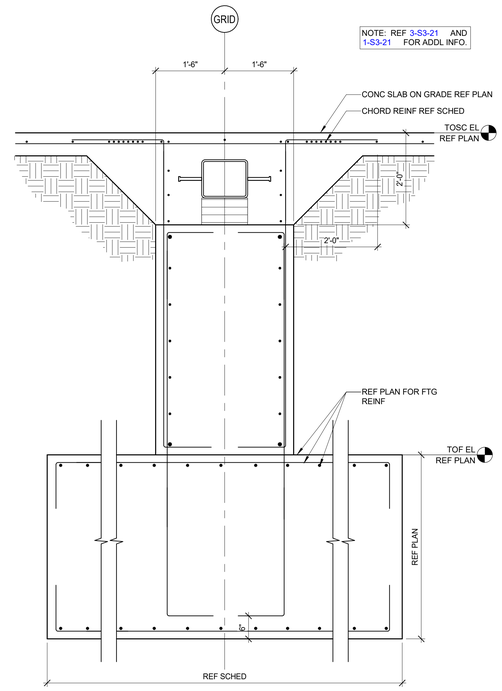
5 EXTERIOR DETAIL AT BRACE FRAME COL ALONG GRID F
3/4" = 1'-0"



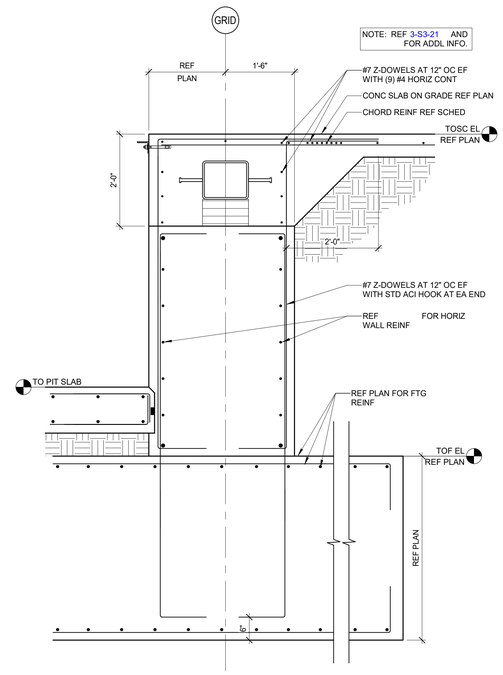
4 TYPICAL INTERIOR DETAIL AT COLUMN
3/4" = 1'-0"



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



2 DETAIL
3/4" = 1'-0"



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

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AG/E

SYSKA HENNESSY GROUP

DESIGN CONSULTING LLC

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	REVISIONS	
1	03.28.25	ADDENDUM 1

COLORADO LICENSED
DOUGLAS W. KEVITT
65236
PROFESSIONAL ENGINEER

AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

KEYPLAN

S	Q	N	L	J	G	E	C	A
T	R	P	M	K	H	F	D	B

FOUNDATION DETAILS

JOB 24464.0000
DATE 03.28.2025
SHEET S3-21

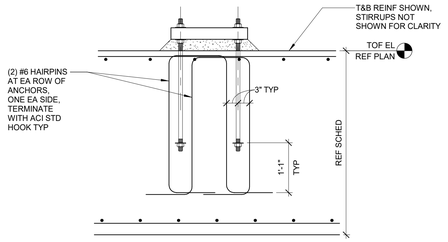
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Parent Permit #25-2513934-CM
Parent RSN 1881854
RSN 1908121

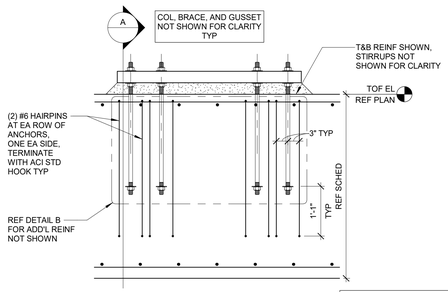
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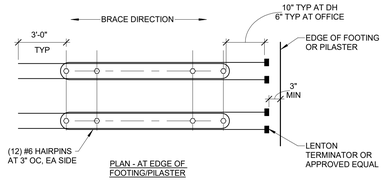
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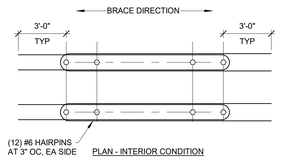


DETAIL A

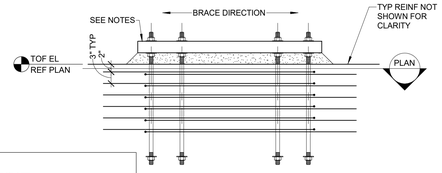




PLAN - AT EDGE OF FOOTING/PILASTER



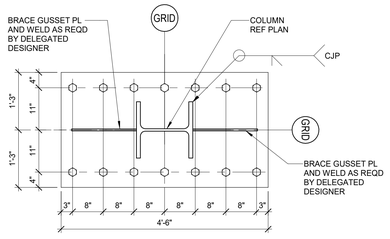
PLAN - INTERIOR CONDITION



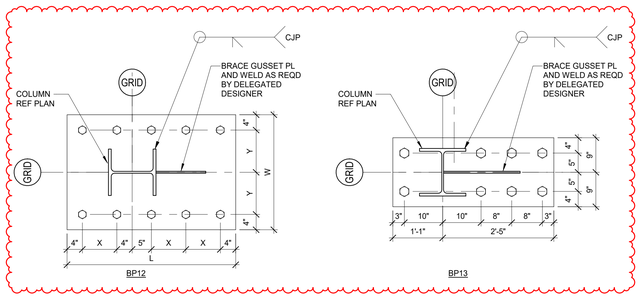
DETAIL B

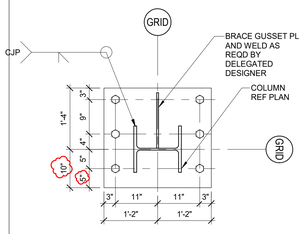
NOTE:
1. PROVIDE:
•OVERSIZE HOLES IN BASE PLATE
•STANDARD HOLES IN WASHERS
2. PLATE WASHERS MUST BE WELDED TO THE BASE PLATE.
3. SEE "ANCHOR ROD DETAIL" ON 1-S5-00 FOR WELD SIZE.

5 ANCHOR ROD REINFORCING
3/4" = 1'-0"

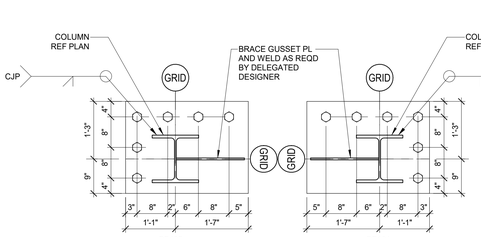


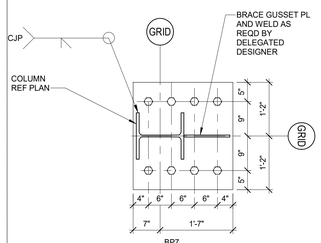
BP11



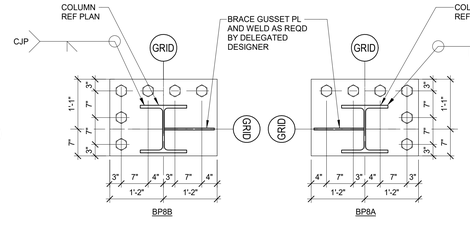


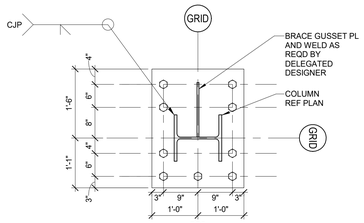
BP9



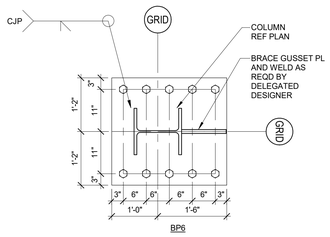


BP7





BP5



BP6

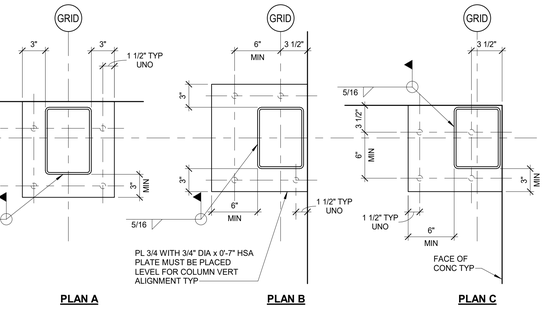
2 COLUMN BASE PLATE AND ANCHOR ROD DETAILS
3/4" = 1'-0"

BASE PLATE AND ANCHOR ROD SCHEDULE AND DETAILS

BASE PLATE TYPE	SIZE	(L)	(W)	(T)	(X)	(Y)	BASE PLATE TYPE	ANCHORS RODS	ANCHOR ROD GRADE	COMMENTS
BP-1	W12X106/120 (PERIMETER) W14X90/99/109 (PERIMETER)	18"	18"	1 1/4"	3"	4"	BP3	(4) 3/4" DIA x 1'-6"	GR 36	-
BP-2	W12X79/136/152 (PERIMETER)	18"	18"	1 1/2"	3"	4"	BP3	(4) 3/4" DIA x 1'-6"	GR 36	-
BP-3	W14X132/145 (PERIMETER)	18"	18"	1 3/4"	3"	4"	BP3	(4) 3/4" DIA x 1'-6"	GR 36	-
BP-4	W12X72/79/106 (INTERIOR) W14X90/99 (INTERIOR)	24"	24"	1 1/2"	9"	9"	BP2	(4) 3/4" DIA x 1'-6"	GR 36	-
BP-5	W12X136/152 (INTERIOR) W14X132 (INTERIOR)	24"	24"	1 3/4"	9"	9"	BP2	(4) 3/4" DIA x 1'-6"	GR 36	-
BP-6	W14X145/159/176/193 (INTERIOR)	24"	24"	2 1/4"	9"	9"	BP2	(4) 3/4" DIA x 1'-6"	GR 36	-
BP-7	W14X211/233 (INTERIOR)	28"	28"	2 1/2"	10"	10"	BP2	(4) 3/4" x 1'-6"	GR 36	-
BP-8	W14X257/311 (INTERIOR)	36"	36"	3"	12"	12"	BP2	(4) 3/4" x 1'-6"	GR 36	-
BP-9	W12X79 (ELEVATOR)	14"	18"	1 1/4"	3"	4"	BP3	(4) 3/4" x 1'-6"	GR 36	-
BP-10	W14X90 (ELEVATOR)	16"	18"	1 1/4"	3 1/2"	4"	BP3	(4) 3/4" x 1'-6"	GR 36	-
BP-11	W14X233 (INTERIOR)	34"	32"	4"	13"	8"	BP4	(8) 2" x 2'-6"	GR 105	REF NOTE 5 & 5/S5.00
BP-12	HSS6X6X1/2	12"	12"	1"	4"	4"	BP1	(4) 3/4" x 1'-6"	GR 36	-
BP-13	HSS10X10X1/2	18"	18"	1"	7"	7"	BP1	(4) 3/4" x 1'-6"	GR 36	-
BF-1	WF12(BF) WF14(BF)	REF 2-S5-00		2 1/2"	REF 2-S5-00		BP5	(9) 1" x 2'-0"	GR 105	REF 5/S5.00
BF-2	WF12(BF) WF14(BF)	REF 2-S5-00		2 1/4"	REF 2-S5-00		BP6	(10) 1" x 2'-0"	GR 105	REF 5/S5.00
BF-3	WF12(BF)	REF 2-S5-00		2 1/4"	REF 2-S5-00		BP7	(8) 1" x 2'-0"	GR 105	-
BF-4	WF12(BF)	REF 2-S5-00		3"	REF 2-S5-00		BP8A&B	(6) 1 3/4" x 2'-0"	GR 105	REF NOTE 5 & 5/S3-21
BF-5	WF14(BF)	REF 2-S5-00		2 3/4"	REF 2-S5-00		BP9	(6) 1" x 2'-0"	GR 105	-
BF-6	WF14(BF)	REF 2-S5-00		3"	REF 2-S5-00		BP10A&B	(6) 1 1/2" x 2'-0"	GR 105	REF NOTE 5 & 5/S3-21
BF-7	WF14(BF)	REF 2-S5-00		3"	REF 2-S5-00		BP11	(14) 1" x 2'-0"	GR 105	REF 5/S5.00
BF-8	WF14(BF)	44"	32"	4"	9"	12"	BP12	(10) 2 1/2" x 4'-0"	GR 105	REF NOTE 5 & 4/S3-21
BF-9	WF12(BF)	REF 2-S5-00		2 1/2"	REF 2-S5-00		BP13	(8) 1 1/2" x 2'-0"	GR 105	REF NOTE 5 & 5/S5.00
BF-10	WF14(BF)	44"	30"	4"	9"	11"	BP12	(10) 2 1/2" x 4'-0"	GR 105	REF NOTE 5 & 4/S3-21

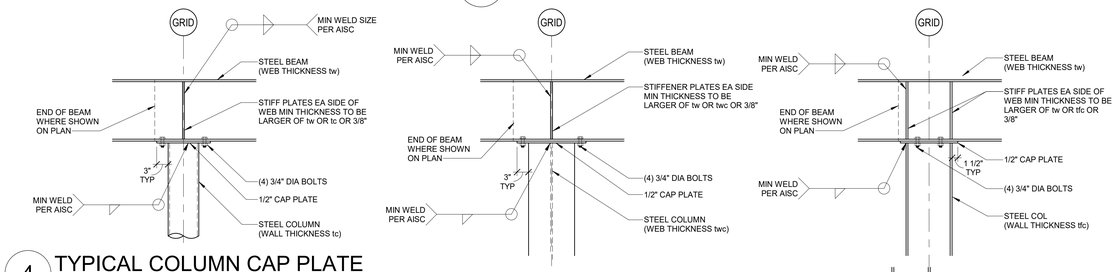
NOTES:
1. BASE PLATE SIZES ARE BASED ON COLUMN SIZES UNLESS DENOTED BY A SPECIFIC "BPX" IN THE COLUMN SCHEDULE OR ON THE PLAN.
2. ALL BASE PLATES SHALL BE ASTM A572 GR 50, UNLESS NOTED OTHERWISE.
3. ALL ANCHOR RODS SHALL BE ASTM F1554 GRADE AS NOTED.
4. SIZE WELDS PER AISC MINIMUM FILLET REQUIREMENTS, 5/16" MINIMUM.
5. ADDITIONAL WASHERS PER SCHEDULE TO BE PLACED AT EMBEDED END OF ANCHOR RODS.
6. BF = BRACE FRAME

1 COLUMN BASE PLATE AND ANCHOR ROD SCHEDULE AND DETAILS
1 1/2" = 1'-0"

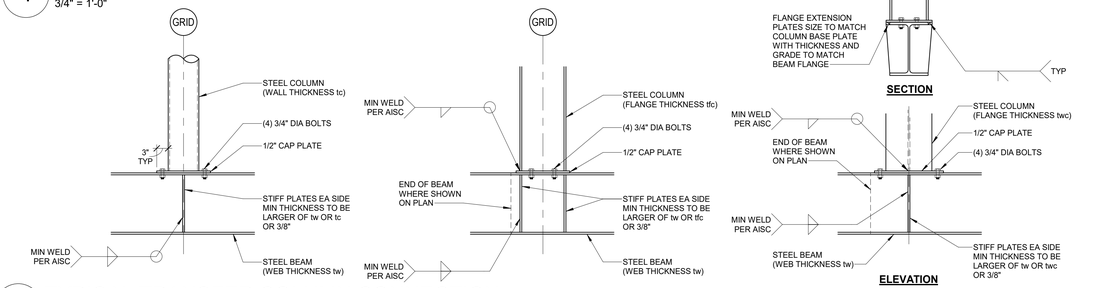


PLAN A PLAN B PLAN C

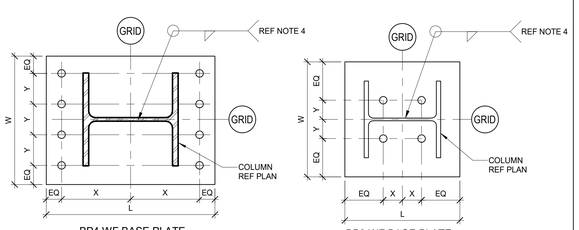
6 TYPICAL COLUMN BASE PLATE AT EDGE OF CONCRETE
1 1/2" = 1'-0"

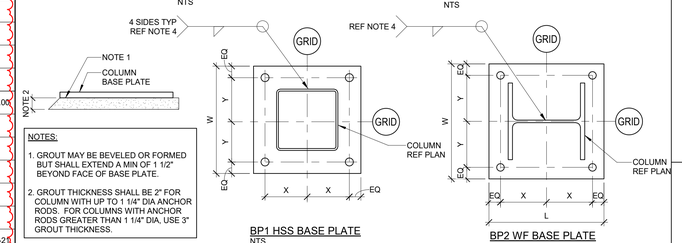


4 TYPICAL COLUMN CAP PLATE
3/4" = 1'-0"



3 TYPICAL TRANSFER COLUMN CONNECTION
3/4" = 1'-0"





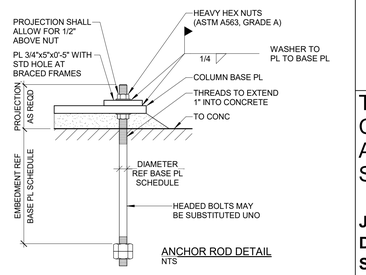
GROUT PLACEMENT
NTS

NOTES:
1. GROUT MAY BE BEVELED OR FORMED BUT SHALL EXTEND A MIN OF 1 1/2" BEYOND FACE OF BASE PLATE.
2. GROUT THICKNESS SHALL BE 2" FOR COLUMN WITH UP TO 1 1/4" DIA ANCHOR RODS. FOR COLUMNS WITH ANCHOR RODS GREATER THAN 1 1/4" DIA, USE 3" GROUT THICKNESS.

ANCHOR ROD HOLE & WASHER SCHEDULE

ANCHOR ROD DIAMETER	MAX HOLE DIAMETER	MIN WASHER SIZE	MIN WASHER THICKNESS
3/4"	1 1/4"	2"	1/4"
7/8"	1 1/2"	2 1/2"	5/16"
1"	1 3/4"	3"	3/8"
1 1/4"	2"	3"	1/2"
1 1/2"	2 1/4"	3 1/2"	1/2"
1 3/4"	2 1/2"	4"	5/8"
2"	3 1/4"	5"	3/4"
2 1/2"	3 3/4"	5 1/2"	7/8"

NOTE(S):
1. CIRCULAR OR SQUARE WASHERS MEETING THE SIZE SHOWN ARE ACCEPTABLE.



ANCHOR ROD DETAIL
NTS

CORGAN
401 N. Houston Street Dallas, TX 75202
T: 214.748.2000

AG/E

SYSKA HENNESSY GROUP

TLD DESIGN CONSULTING LLC

ISSUES

1	12.20.24	DESIGN DEVELOPMENT
2	01.31.25	ISSUE FOR PERMIT
3	05.30.25	FOUNDATION ONLY IFP
4		
5		
6		
7		
8		
9		
10		

REVISIONS

1	03.28.25	ADDENDUM 1

COLORADO LICENSED
NICHOLAS W. KEVID
65236
PROFESSIONAL ENGINEER

AG&E Structural Engenuity

Date of issue:
03.28.2025

QTS DEN1 DC2
1140 N. GUN CLUB ROAD

TYPICAL STEEL COLUMN DETAILS AND BASE PLATE SCHEDULE

JOB 24464.0000
DATE 03.28.2025
SHEET

S5-00

3/28/2025 4:36:58 PM S5-00 TYPICAL STEEL COLUMN DETAILS AND BASE PLATE SCHEDULE