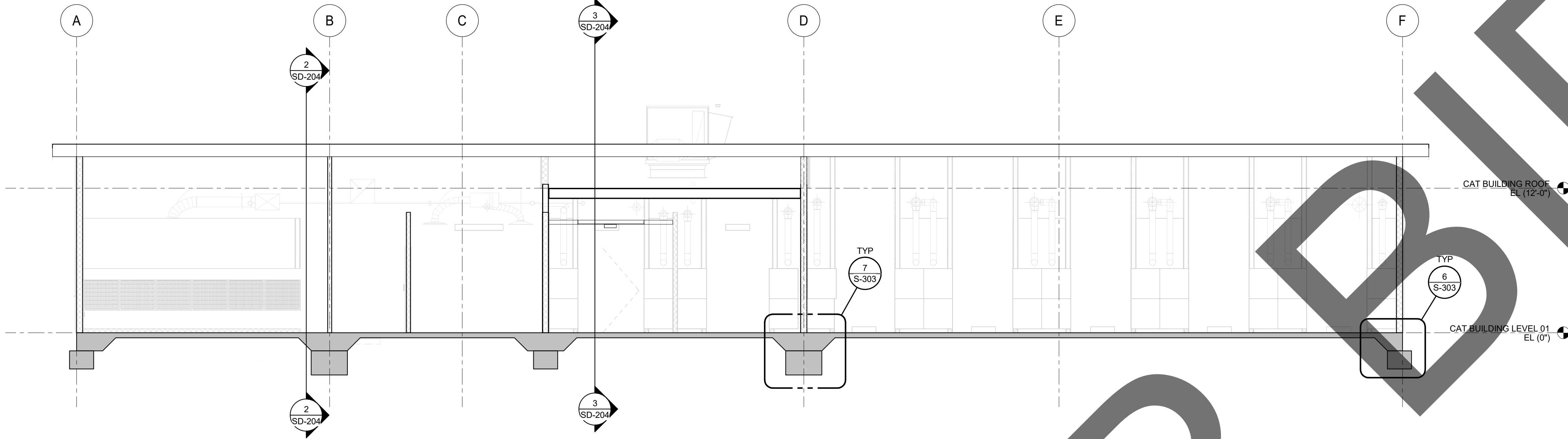
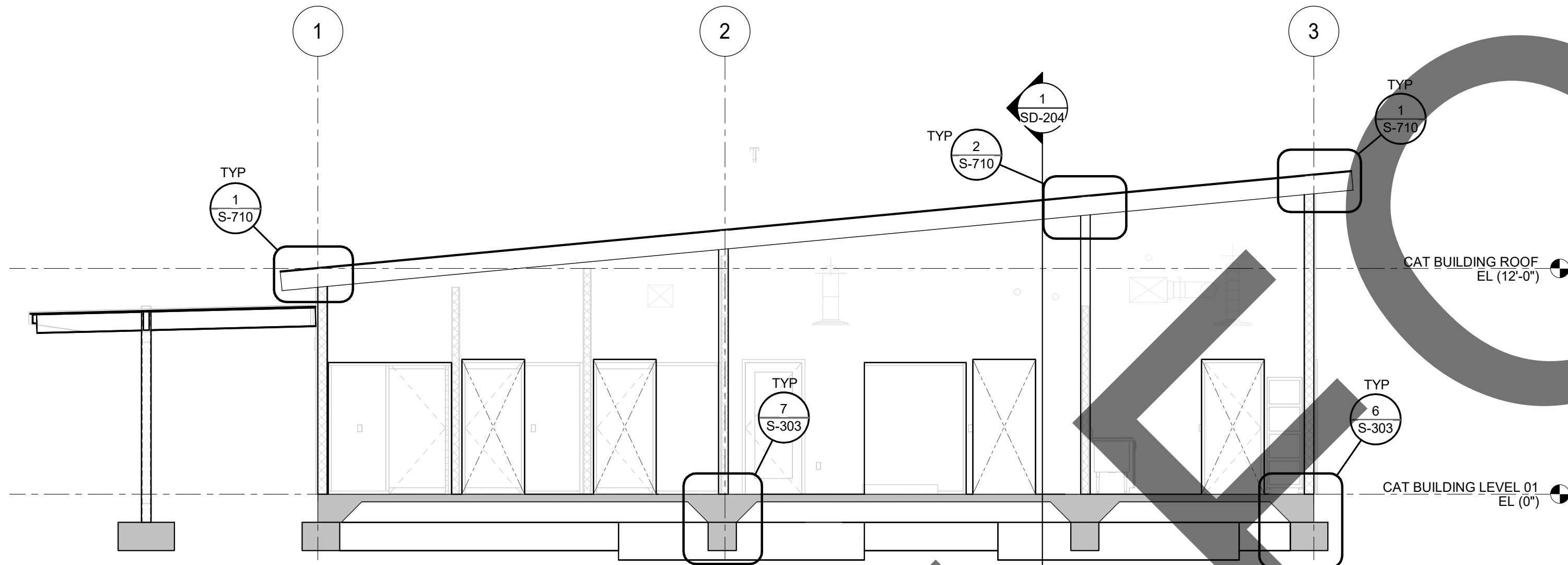
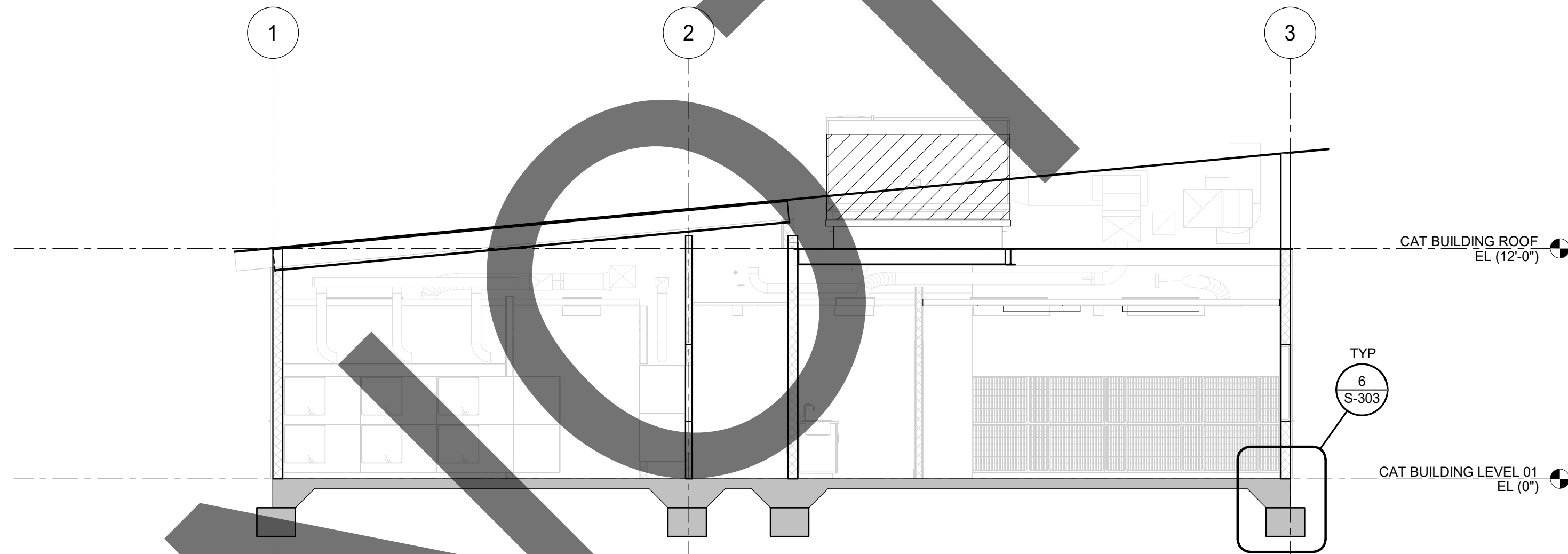




1 CAT BUILDING SECTION
3/16" = 1'-0"



2 CAT BUILDING SECTION
3/16" = 1'-0"

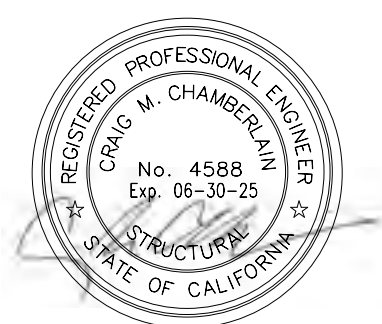


3 CAT BUILDING SECTION
3/16" = 1'-0"

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REF. SCALE IN INCHES PROJECT #22007569.00



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Fax: 909-335-7299
info@miller-aip.com



owner approval

initials	date	phase

REVISIONS/ADDENDA

#	Date	Comment
1	06/12/24	PLAN CHECK RESUBMITTAL

ANIMAL CARE CENTER
18313 VALLEY BLVD. BLOOMINGTON, CA 92313

SAN BERNARDINO COUNTY
385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415
PHONE: 1-888-818-8988

PROJECT INFORMATION

Project Number:	22007569.00
Drawn By:	HYK
Checked By:	JP
Issue Date:	06/12/2024

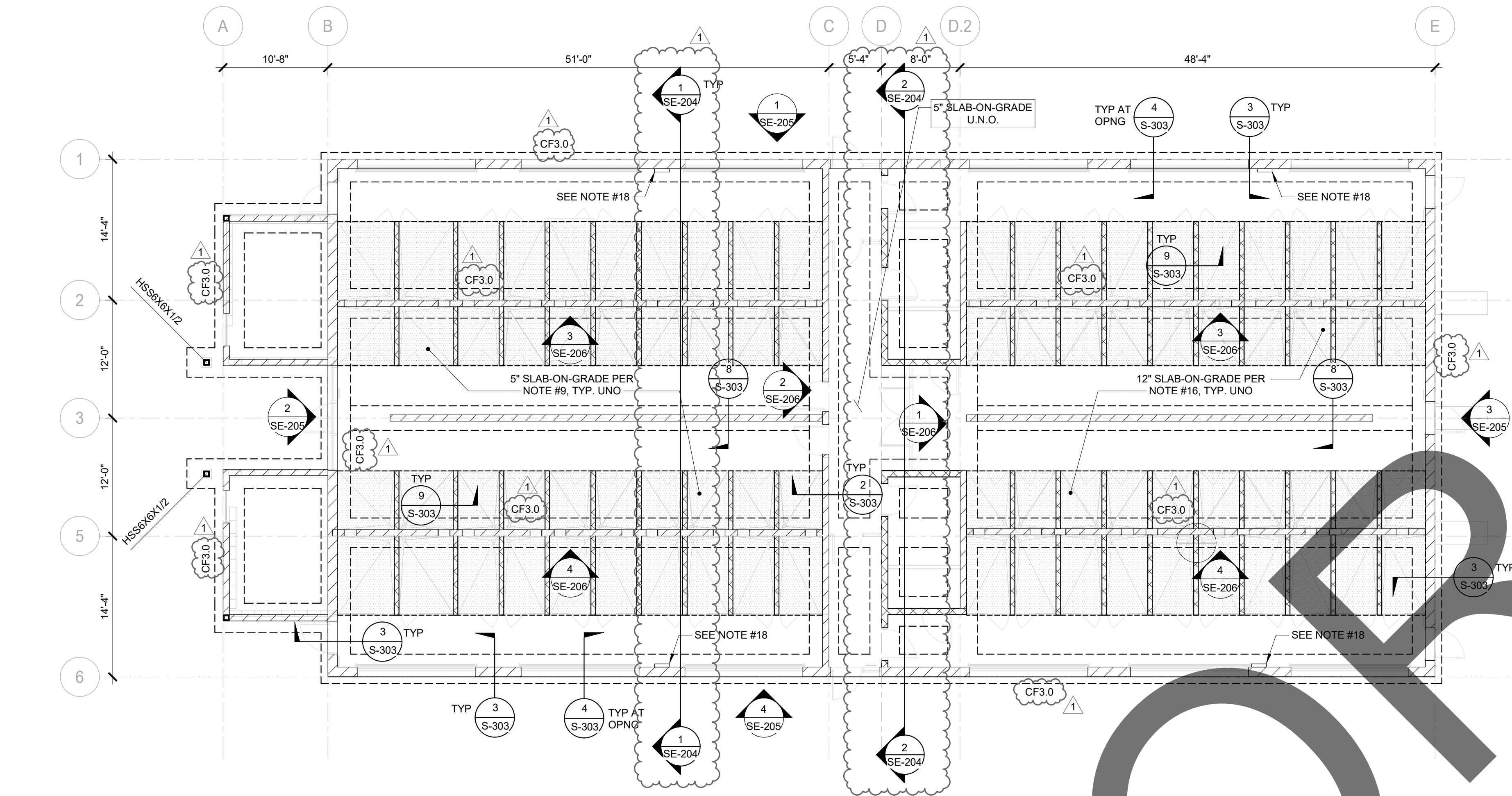
SHEET NAME

CAT BUILDING SECTIONS

SHEET NUMBER

SD-204

Sheet Of Sheets



ADOPTION DOG BUILDING FOUNDATION PLAN - BLDG E, F, G, H, H.1

FOUNDATION PLAN NOTES

- SEE SHEET S-100 SERIES FOR STRUCTURAL NOTES.
SEE SHEET S-300 SERIES FOR TYPICAL CONCRETE DETAILS.
SEE SHEET S-400 SERIES FOR TYPICAL CMU DETAILS.
SEE SHEET S-500 SERIES FOR TYPICAL STEEL DETAILS.
SEE SHEET S-700 SERIES FOR TYPICAL COLD FORM STEEL DETAILS.
- TOP OF SLAB ON GRADE = 0'-0" UNO
- TOP OF FOOTING SHALL BE 1'-4" BELOW TOP OF SLAB OR FINISH GRADE, TYP.
AT EXTERIOR CMU WALLS, UNO.
- S.A.D. FOR DIMENSIONS, ELEVATIONS, SLOPES, CURBS, STEPS,
AND PADS NOTED ON PLAN.
- COORDINATE LOCATION OF SLAB STEPS AND DEPRESSIONS
WITH ARCHITECTURAL DRAWINGS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF ANY
DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL FOUNDATION EXCAVATIONS MUST BE INSPECTED AND
APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO
PLACEMENT OF REINFORCING STEEL.
- PRIOR TO THE CONTRACTOR REQUESTING A BUILDING
DEPARTMENT INSPECTION, THE SOILS ENGINEER SHALL ADVISE
THE BUILDING OFFICIAL IN WRITING THAT:
A. THE BUILDING PAD WAS PREPARED IN ACCORDANCE
WITH THE SOILS REPORT.
B. THE UTILITY TRENCHES HAVE BEEN PROPERLY
BACKFILLED AND COMPACTED, AND
C. THE FOUNDATION EXCAVATIONS COMPLY WITH THE
INTENT OF THE SOILS REPORT
- TYPICAL SLAB ON GRADE: 5" THICK W/ #4 AT 18" O.C. EA WAY FOR UNDERLAYMENT
SEE 4/S-301
- WFX DENOTES CONTINUOUS FOOTING. SEE SCHEDULE 1/S-303
FOR FOOTING SIZE AND REINFORCEMENT
- S - - S DENOTES STEPPED FOOTING. SEE DETAIL 5/S-302
- CONTRACTOR SHALL COORDINATE AND LOCATE ALL DUCT, PIPE, CONDUIT, ETC
PENETRATIONS THRU WALLS AND FOOTINGS AND PROVIDE THE ASSOCIATED
FRAMING AND FOUNDATION CONDITIONS PER THE TYPICAL DETAILS.
- Denotes load bearing metal stud framed wall per 1/S-700 and 1/S-702
- Denoted full height CMU wall
- SW# (# - #") Denotes metal stud shar wall per 2/S-706
- SLAB ON GRADE: 12" THICK W/ #5 AT 12" OC EA WAY
TOP AND BOTTOM - SEE X/S-XXX

FOUNDATION PLAN NOTES (CONT)

- Denotes non-load bearing metal stud wall per 1/S-702
- FACE MOUNTED CONTROL PANEL AND PIPING - SEE PLUMBING DRAWINGS.
- Denotes holdown per 5/S-706
- Denotes partial height CMU wall

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initials	date	phase

REVISIONS/ADDENDA

#	Date	Comment
1	06/12/24	PLAN CHECK RESUBMITTAL

ANIMAL CARE CENTER

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SAN BERNARDINO COUNTY

385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415
PHONE: 1-888-818-8968

PROJECT INFORMATION

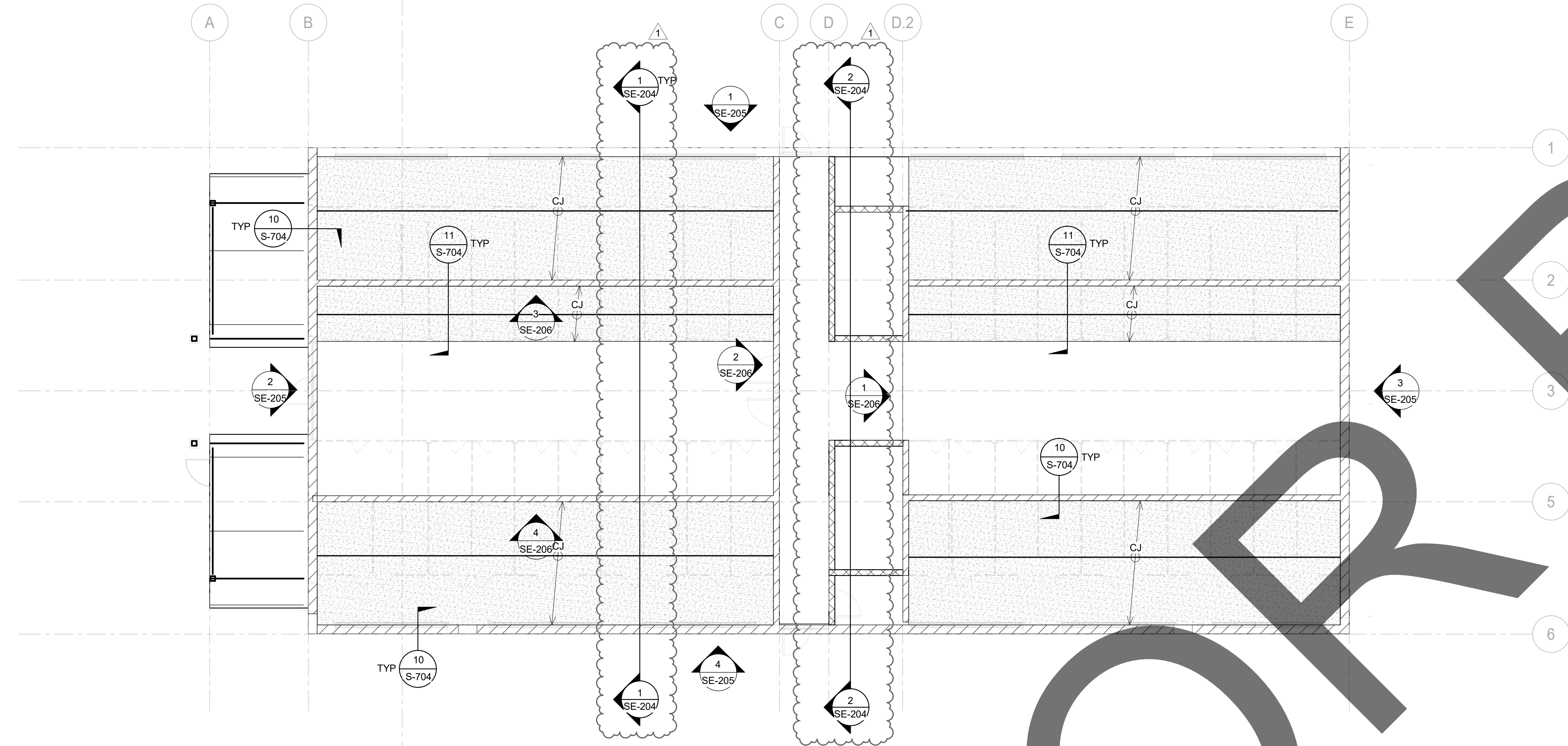
Project Number:	22007569.00
Drawn By:	HYK
Checked By:	JP
Issue Date:	06/12/2024

**ADOPTION DOG
BUILDING
FOUNDATION
PLAN**

SHEET NUMBER

SE-201

Sheet Of Sheets



ADOPTION DOG BUILDING STRUCTURAL CEILING PLAN - BLDG E, F, G, H, I

1/8" = 1'-0"

CEILING PLAN NOTES

- SEE SHEET S-100 SERIES FOR STRUCTURAL NOTES. SEE SHEET S-704 SERIES FOR TYPICAL CEILING DETAILS.
- ALL DIMENSIONAL INFORMATION SHOWN IS BASED ON THE ARCHITECTURAL DRAWINGS. FOR ANY DIMENSIONAL INFORMATION NOT SHOWN REFER TO THE ARCHITECTURAL DRAWINGS.
- MECHANICAL ACCESS W/3/4" PLYWOOD OVER CHEILING JOISTS - SEE ARCHITECTURAL DRAWINGS FOR EXTENT

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0 1 2 3
PROJECT #22007569.00



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REVISIONS/ADDENDA

#	Date	Comment
1	06/12/24	PLAN CHECK RESUBMITTAL

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PHONE: 1-888-818-8988

PROJECT INFORMATION

Project Number: 22007569.00
Drawn By: HYK
Checked By: JP
Issue Date: 06/12/2024

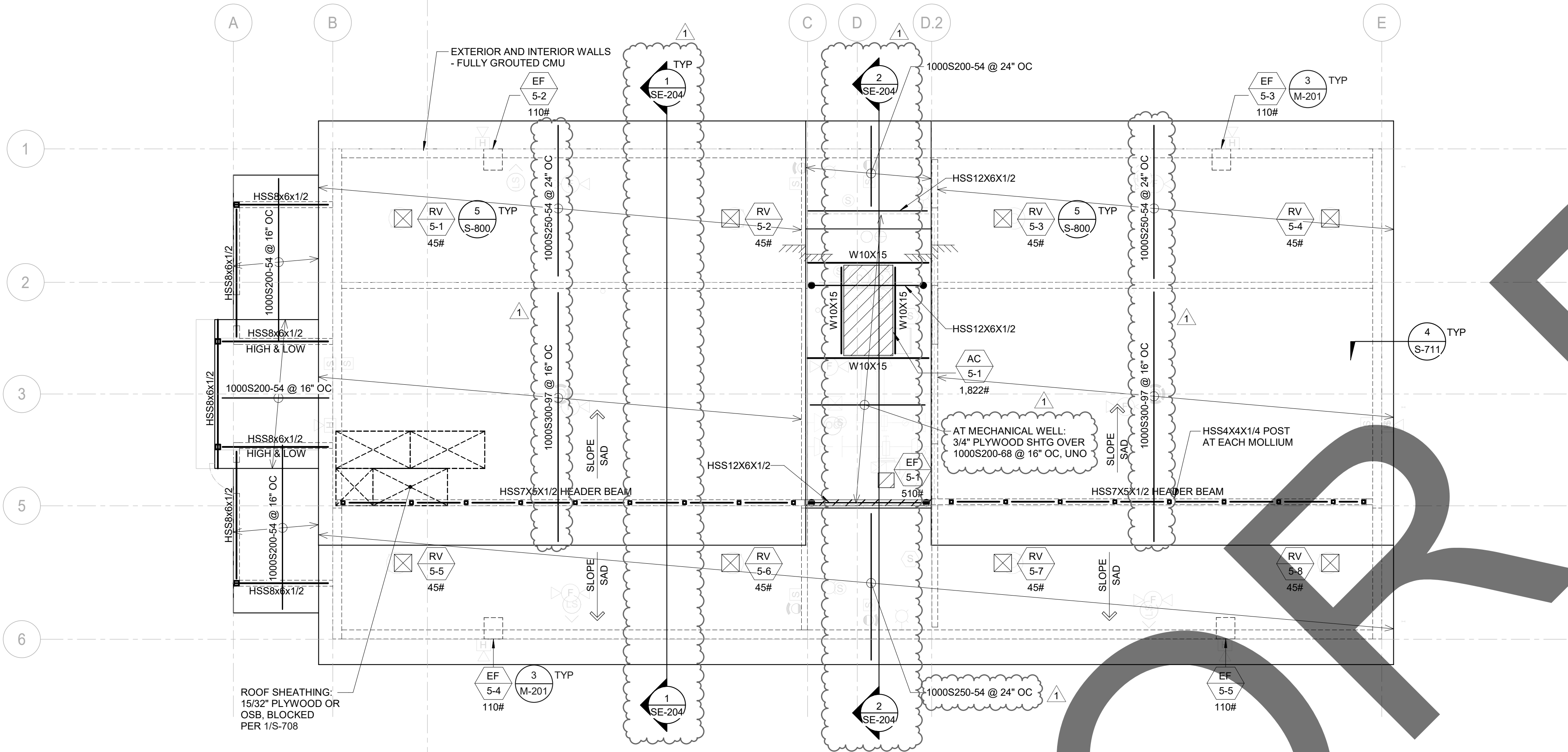
SHEET NAME

ADOPTION DOG
BUILDING
CEILING PLAN

SHEET NUMBER

SE-202

Sheet Of Sheets



ADOPTION DOG BUILDING ROOF PLAN - BLDG E, F, G, H, H.1

1/8" = 1'-0"

ROOF PLAN NOTES

- SEE SHEET **S-100** SERIES FOR STRUCTURAL NOTES.
SEE SHEET **S-700** SERIES FOR TYPICAL COLD FORM STEEL DETAILS.
- ALL DIMENSIONAL INFORMATION SHOWN IS BASED ON THE ARCHITECTURAL DRAWINGS. FOR ANY DIMENSIONAL INFORMATION NOT SHOWN REFER TO THE ARCHITECTURAL DRAWINGS.
- BEAM TO BE EQUALLY SPACED BETWEEN SUPPORTS UNO.
- FOR COLUMN SIZES, SEE FOUNDATION PLAN.
- XX

XX

 DENOTES MECHANICAL UNIT PER MEP DWGS

XXX# DENOTES UNIT MAX OPER WT
W/ CURB AND ALL ATTACHMENTS INCLUDED

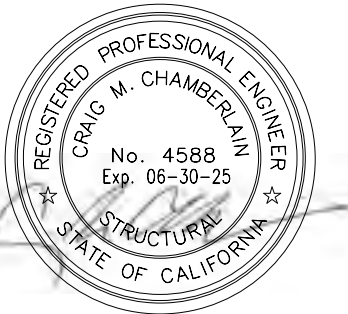
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PROJECT INFORMATION

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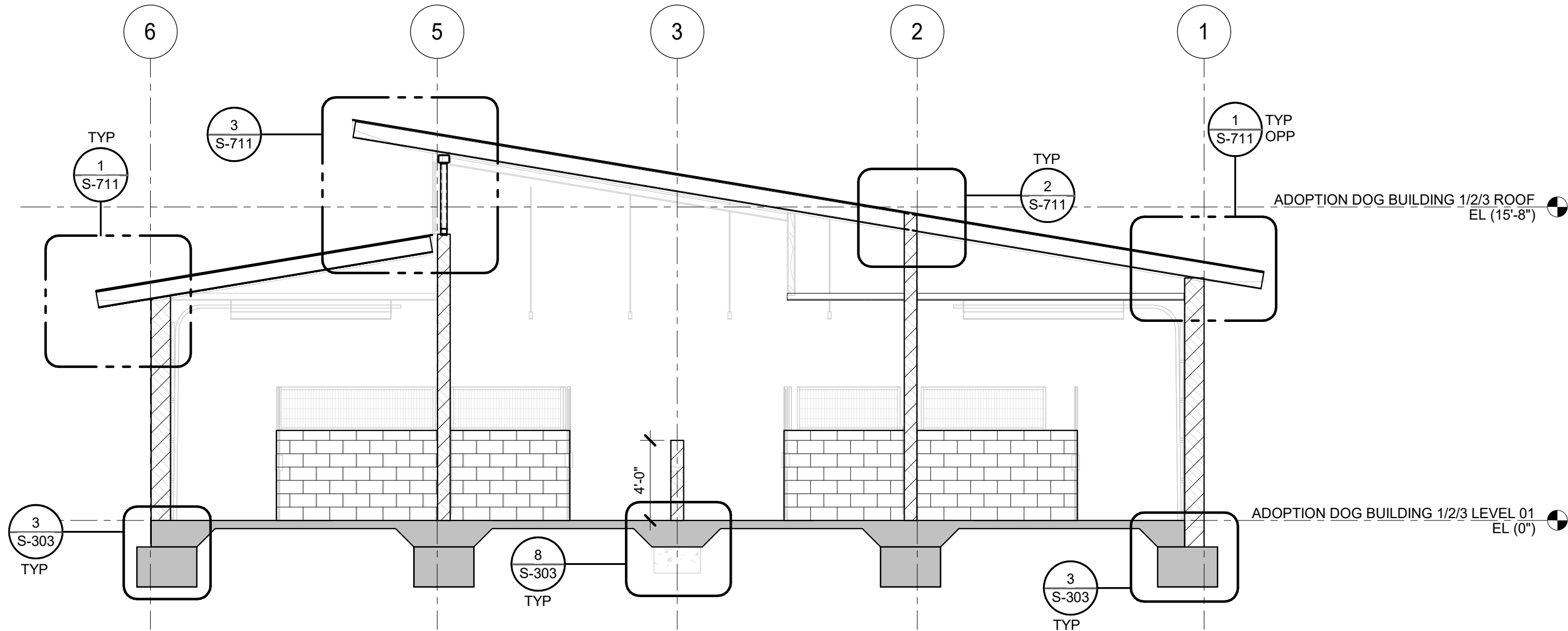
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ADOPTION DOG
BUILDING ROOF
PLAN

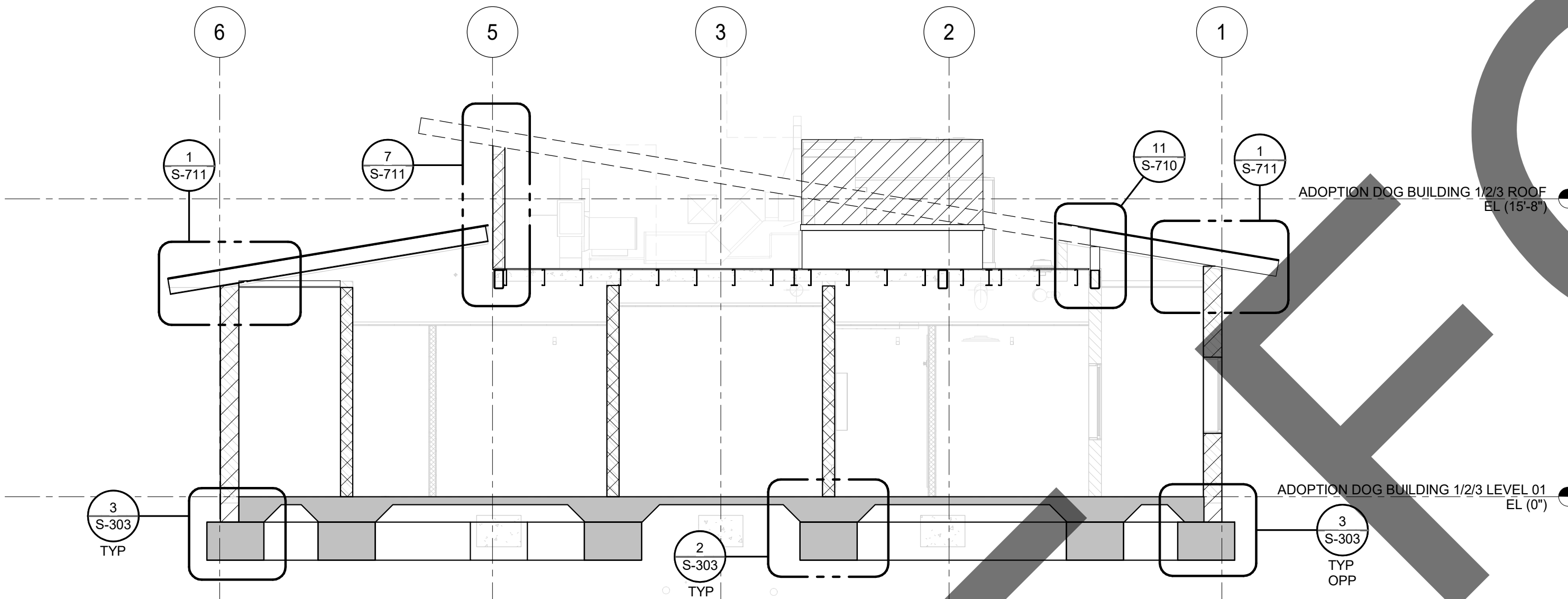
SHEET NUMBER

SE-203

Sheet Of Sheets



1 ADOPTION DOG BUILDING SECTION



2 ADOPTION DOG BUILDING SECTION

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REVISIONS/ADDENDA

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1	06/12/24	PLAN CHECK RESUBMITTAL

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PROJECT INFORMATION

Project Number:	22007569.00
Drawn By:	HYK
Checked By:	JP
Issue Date:	06/12/2024

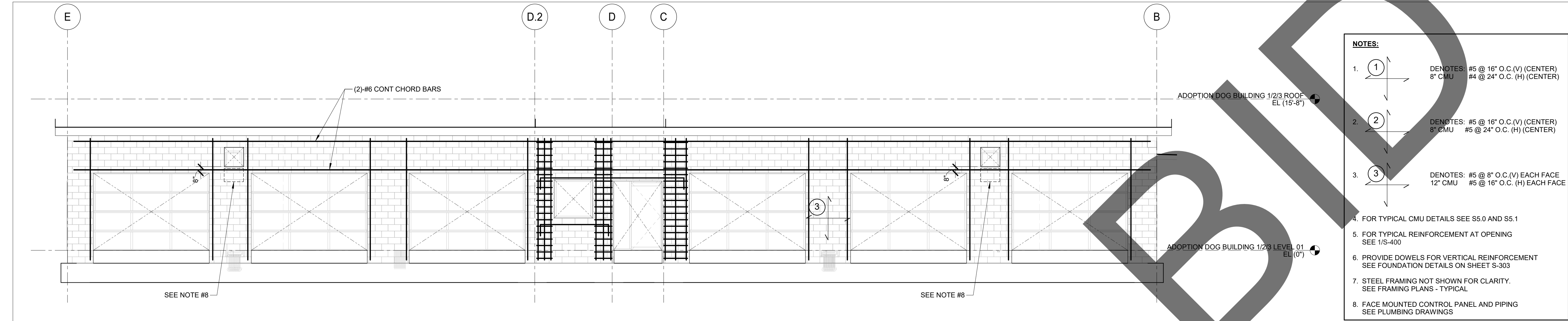
SHEET NAME

ADOPTION DOG BUILDING SECTIONS

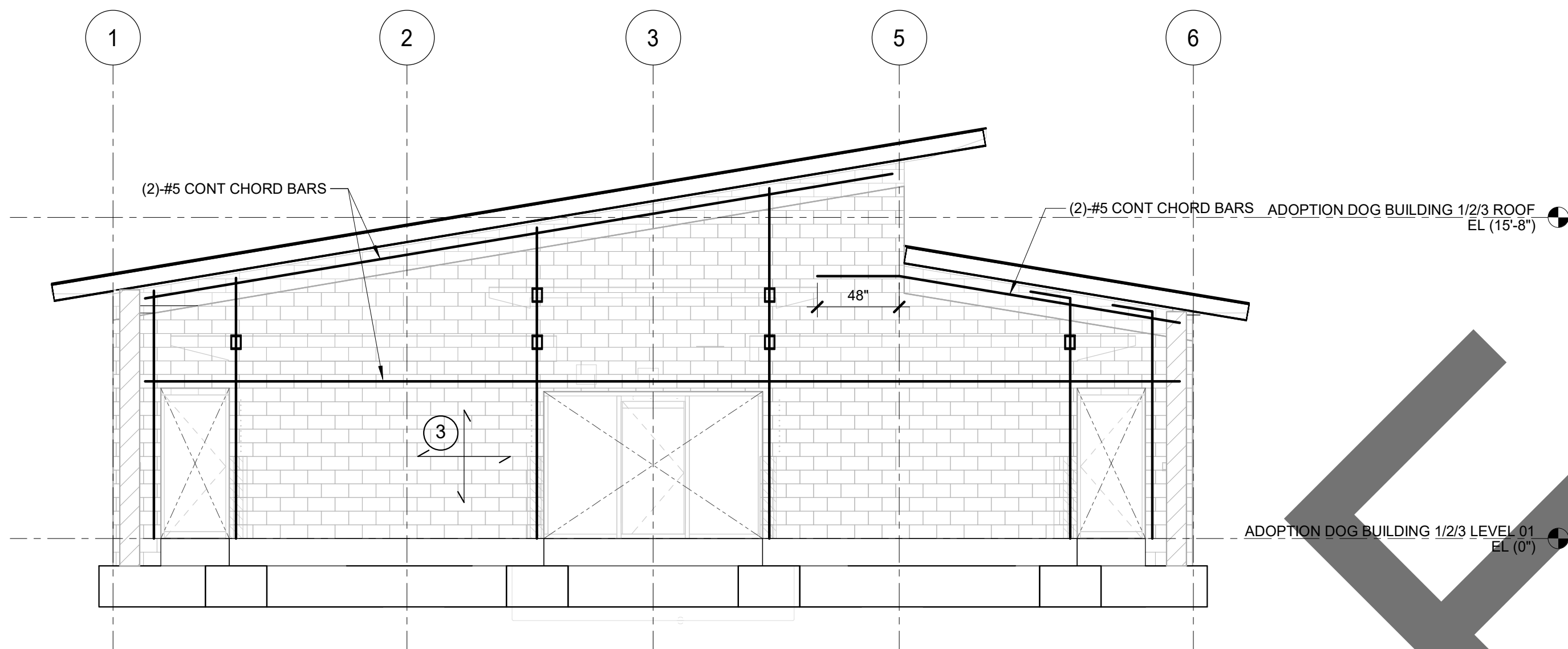
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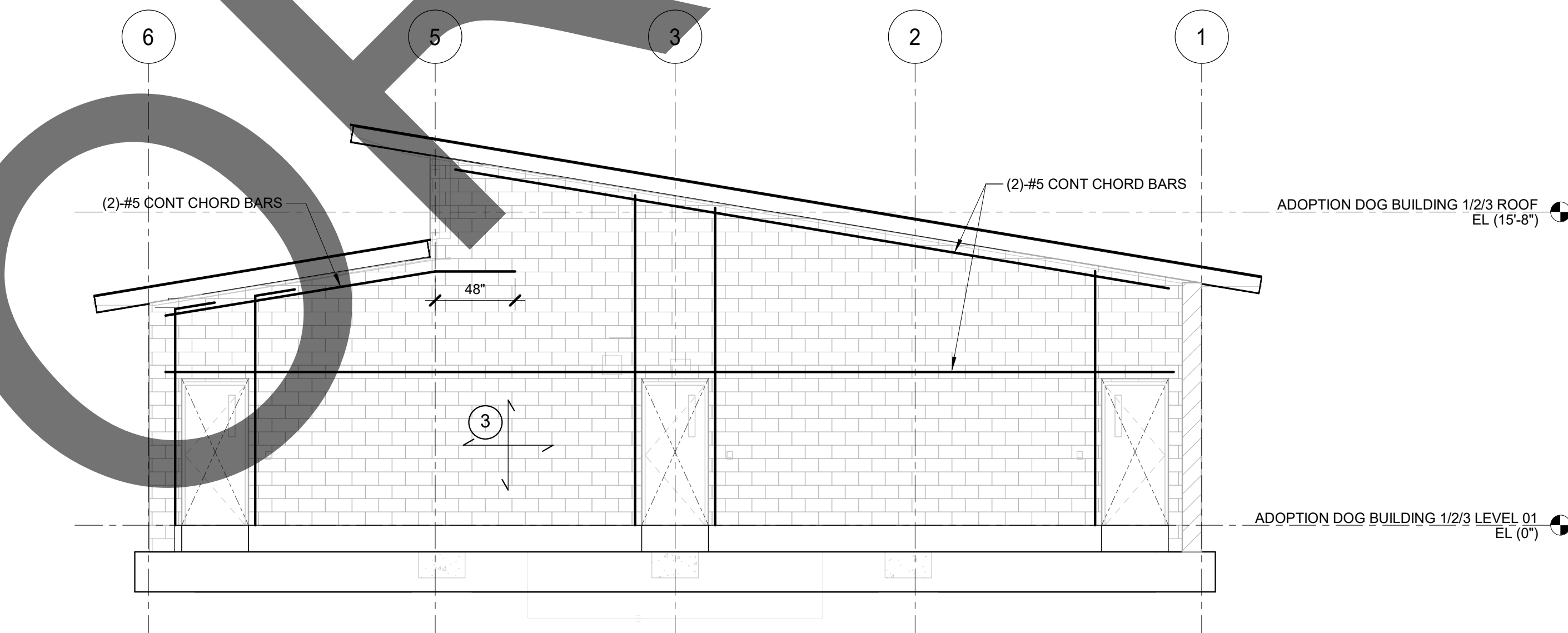
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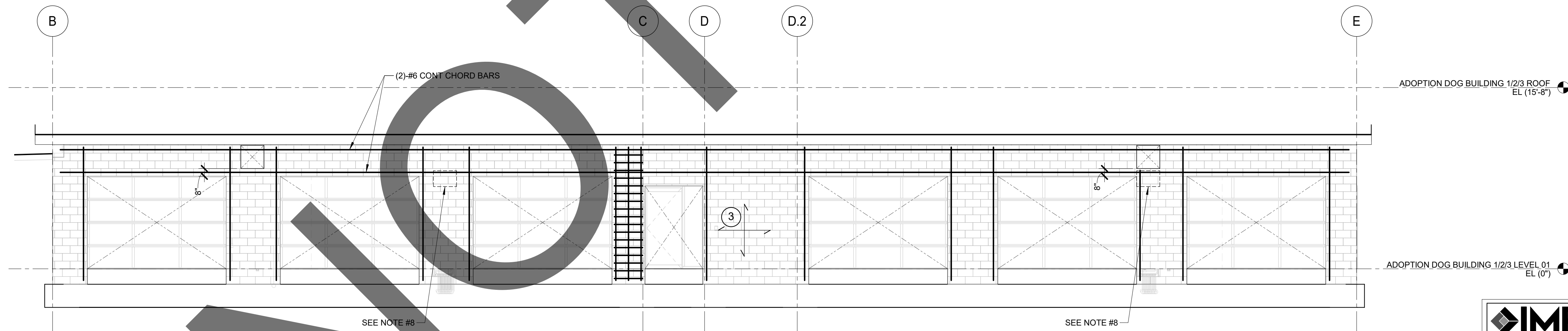
1 ADOPTION DOG BUILDING WALL ELEVATION - GL "1" - 12" THICK CMU
3/16" = 1'-0"



2 ADOPTION DOG BUILDING WALL ELEVATION - GL "B" - 12" THICK CMU
3/16" = 1'-0"



3 ADOPTION DOG BUILDING WALL ELEVATION - GL "E" - 12" THICK CMU
3/16" = 1'-0"



4 ADOPTION DOG BUILDING WALL ELEVATION - GL "6" - 12" THICK CMU
3/16" = 1'-0"

- NOTES:**
- 1 DENOTES: #5 @ 16" O.C.(V) (CENTER)
8" CMU #4 @ 24" O.C. (H) (CENTER)
 - 2 DENOTES: #5 @ 16" O.C.(V) (CENTER)
8" CMU #5 @ 24" O.C. (H) (CENTER)
 - 3 DENOTES: #5 @ 8" O.C.(V) EACH FACE
12" CMU #5 @ 16" O.C. (H) EACH FACE
 4. FOR TYPICAL CMU DETAILS SEE S5.0 AND S5.1
 5. FOR TYPICAL REINFORCEMENT AT OPENING
SEE 1/S-400
 6. PROVIDE DOWELS FOR VERTICAL REINFORCEMENT
SEE FOUNDATION DETAILS ON SHEET S-303
 7. STEEL FRAMING NOT SHOWN FOR CLARITY.
SEE FRAMING PLANS - TYPICAL
 8. FACE MOUNTED CONTROL PANEL AND PIPING
SEE PLUMBING DRAWINGS



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initials	date	phase

REVISIONS/ADDENDA		
#	Date	Comment
1	06/12/24	PLAN CHECK RESUBMITTAL

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SAN BERNARDINO, CA 92415
PHONE: 1-888-818-8968

PROJECT INFORMATION
Project Number: 22007569.00
Drawn By: HYK
Checked By: JP
Issue Date: 06/12/2024

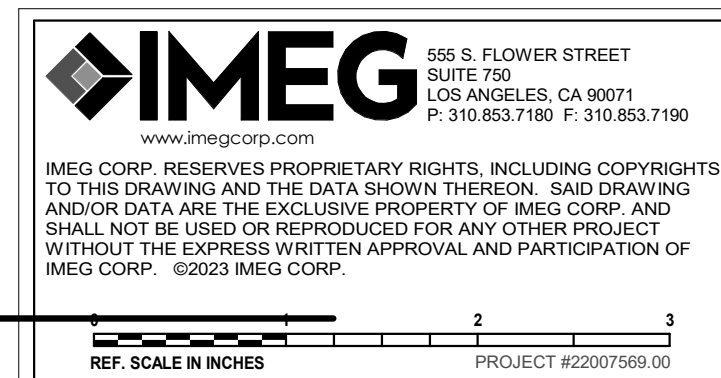
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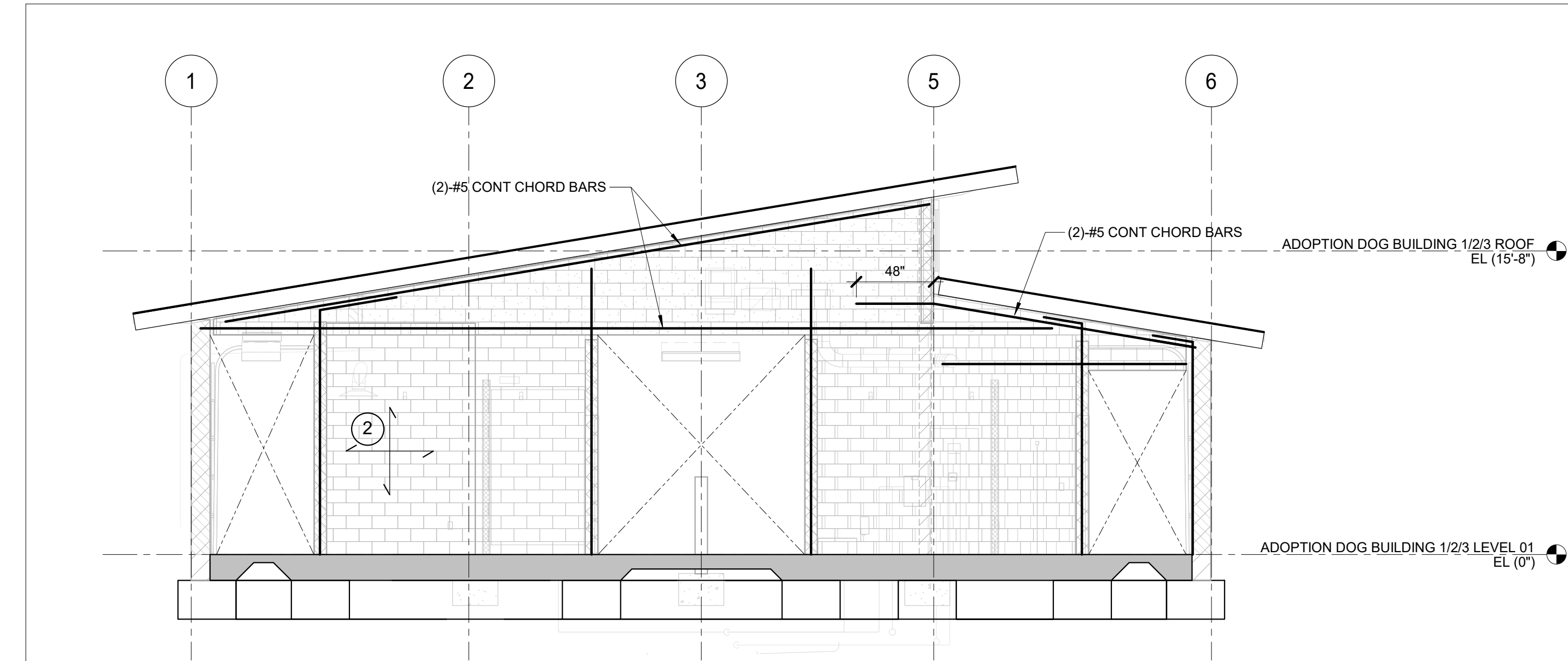
ADOPTION DOG BUILDING WALL ELEVATIONS

SHEET NUMBER

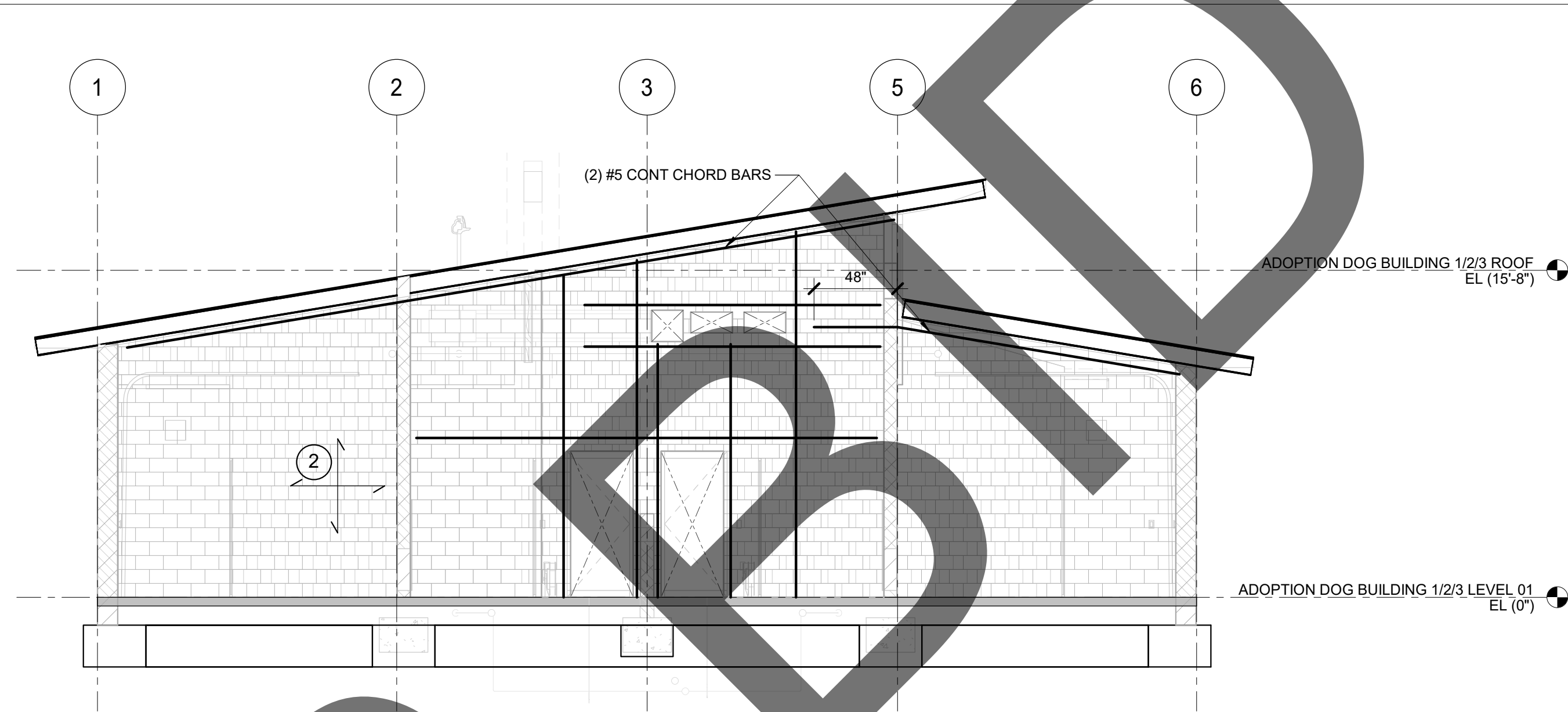
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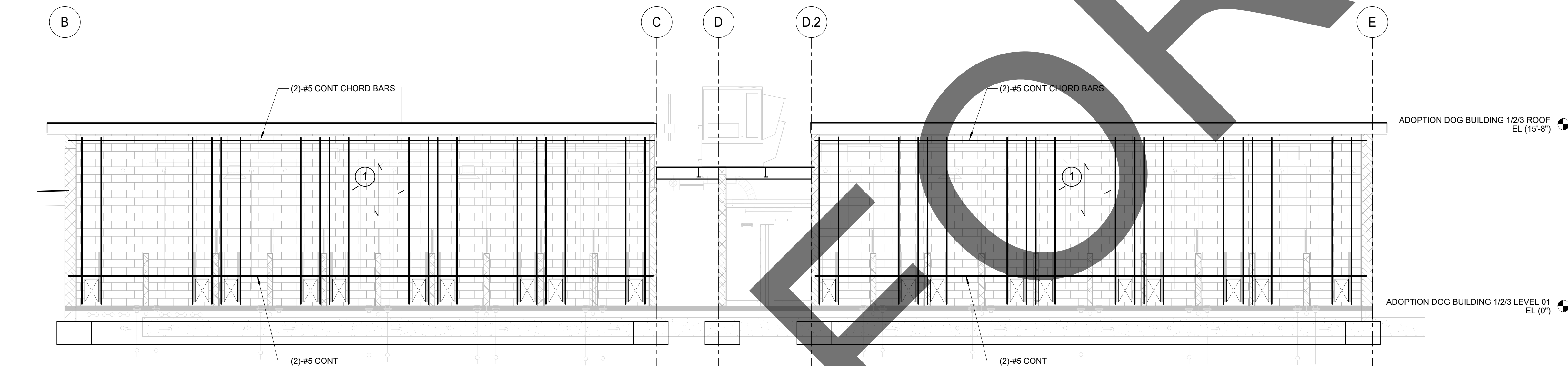




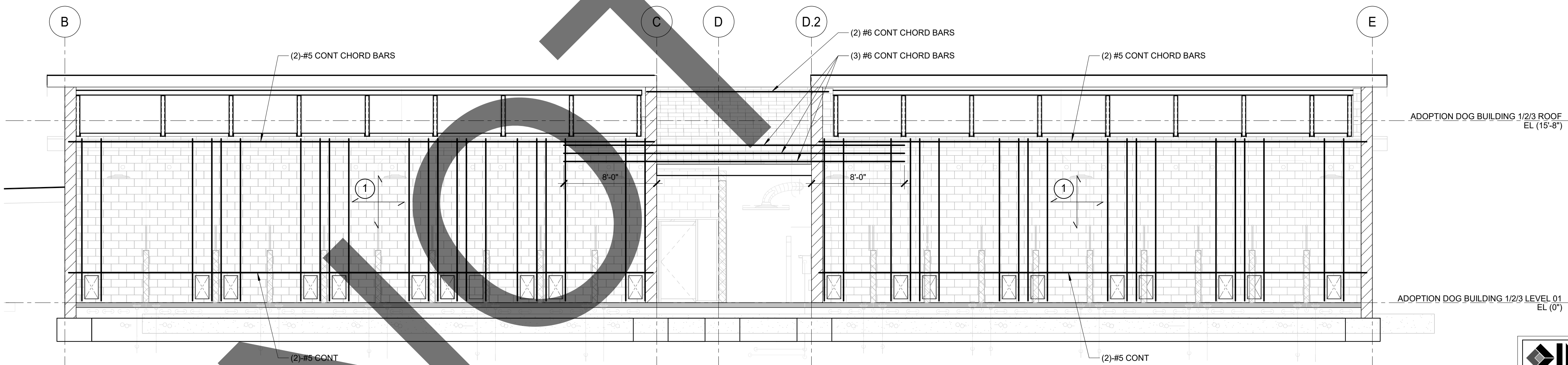
1 ADOPTION DOG BUILDING WALL ELEVATION - GL "D.2" - 8" THICK CMU
3/16" = 1'-0"



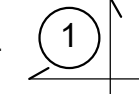
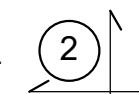
2 ADOPTION DOG BUILDING WALL ELEVATION - GL "C" - 8" THICK CMU
3/16" = 1'-0"



3 ADOPTION DOG BUILDING WALL ELEVATION - GL "2" - 8" THICK CMU
3/16" = 1'-0"



4 ADOPTION DOG BUILDING WALL ELEVATION - GL "5" - 8" THICK CMU
3/16" = 1'-0"

- NOTES:**
-  DENOTES: #5 @ 16" O.C.(V) (CENTER)
8" CMU #4 @ 24" O.C. (H) (CENTER)
 -  DENOTES: #5 @ 16" O.C.(V) (CENTER)
8" CMU #5 @ 24" O.C. (H) (CENTER)
 -  DENOTES: #5 @ 8" O.C.(V) EACH FACE
12" CMU #5 @ 16" O.C. (H) EACH FACE
 - FOR TYPICAL CMU DETAILS SEE S5.0 AND S5.1
 - FOR TYPICAL REINFORCEMENT AT OPENING SEE 1/S-400
 - PROVIDE DOWELS FOR VERTICAL REINFORCEMENT SEE FOUNDATION DETAILS ON SHEET S-303
 - STEEL FRAMING NOT SHOWN FOR CLARITY. SEE FRAMING PLANS - TYPICAL
 - FACE MOUNTED CONTROL PANEL AND PIPING SEE PLUMBING DRAWINGS

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REVISIONS/ADDENDA

#	Date	Comment
1	06/12/24	PLAN CHECK RESUBMITTAL

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SAN BERNARDINO COUNTY
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PHONE: 1-888-818-8968

PROJECT INFORMATION

Project Number:	22007569.00
Drawn By:	HYK
Checked By:	JP
Issue Date:	06/12/2024

SHEET NAME

ADOPTION DOG BUILDING WALL ELEVATIONS

SHEET NUMBER

SE-206

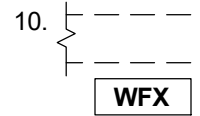
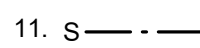
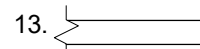
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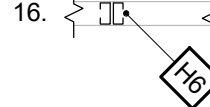
1 SUPPORT BUILDING STRUCTURAL FOUNDATION PLAN - BLDG I

1/8" = 1'-0"

FOUNDATION PLAN NOTES

- SEE SHEET **S-100** SERIES FOR STRUCTURAL NOTES.
SEE SHEET **S-300** SERIES FOR TYPICAL CONCRETE DETAILS.
SEE SHEET **S-500** SERIES FOR TYPICAL STEEL DETAILS.
SEE SHEET **S-700** SERIES FOR TYPICAL COLD FORM STEEL DETAILS.
- TOP OF SLAB ON GRADE = 0'-0" UNO
- TOP OF FOOTING SHALL BE 1'-0" BELOW TOP OF SLAB OR FINISH GRADE, UNO.
- S.A.D. FOR DIMENSIONS, ELEVATIONS, SLOPES, CURBS, STEPS, AND PADS NOTED ON PLAN.
- COORDINATE LOCATION OF SLAB STEPS AND DEPRESSIONS WITH ARCHITECTURAL DRAWINGS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL FOUNDATION EXCAVATIONS MUST BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF REINFORCING STEEL.
- PRIOR TO THE CONTRACTOR REQUESTING A BUILDING DEPARTMENT INSPECTION, THE SOILS ENGINEER SHALL ADVISE THE BUILDING OFFICIAL IN WRITING THAT:
A. THE BUILDING PAD WAS PREPARED IN ACCORDANCE WITH THE SOILS REPORT.
B. THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED, AND
C. THE FOUNDATION EXCAVATIONS COMPLY WITH THE INTENT OF THE SOILS REPORT
- TYPICAL SLAB ON GRADE: 5" THICK W/ #4 AT 18" O.C. EA WAY FOR UNDERLAYMENT SEE 4/S-301
-  DENOTES CONTINUOUS FOOTING. SEE SCHEDULE 1/S-303 FOR FOOTING SIZE AND REINFORCEMENT
-  DENOTES STEPPED FOOTING. SEE DETAIL 5/S-302
- CONTRACTOR SHALL COORDINATE AND LOCATE ALL DUCT, PIPE, CONDUIT, ETC PENETRATIONS THRU WALLS AND FOOTINGS AND PROVIDE THE ASSOCIATED FRAMING AND FOUNDATION CONDITIONS PER THE TYPICAL DETAILS.
-  DENOTES LOAD BEARING METAL STUD FRAMED WALL PER 1/S-700 AND 4/S-702
-  DENOTES METAL STUD SHAR WALL, PER 2/S-706

FOUNDATION PLAN NOTES (CONT)

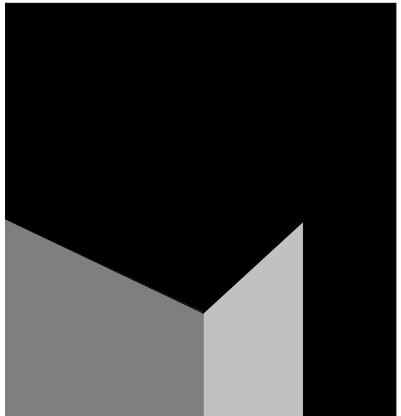
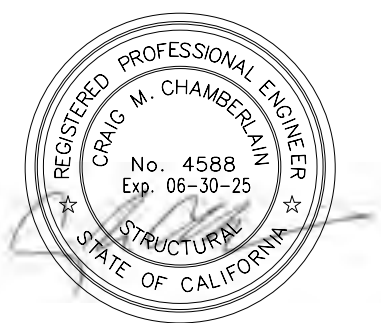
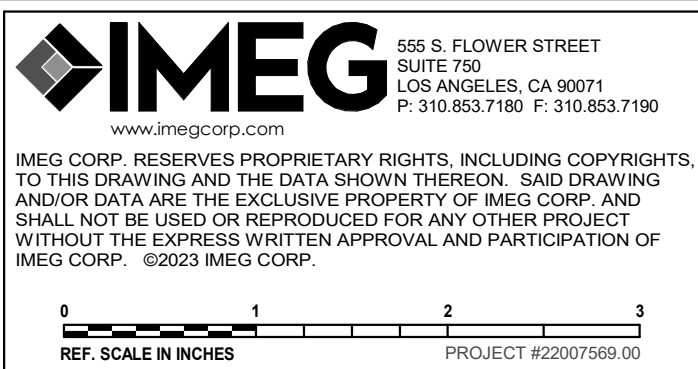
-  DENOTES NON-LOAD BEARING METAL STUD WALL PER 1/S-702
-  DENOTES HOLDOWN PER 5/S-706

COLUMN SCHEDULE - BUILDING I

MARK	SIZE
C1	HSS6X6X3/8
C2	HSS4X4X1/4
C3	HSS10X6X1/2
C4	HSS 6x4x1/2

NOTES:

- REFER TO DETAILS 5/S-301 FOR ANCHOR BOLT AND BASE PLATE INFORMATION, UNO.
- REFER TO DETAILS 2/S-304 AND 3/S-304 FOR FOOTING INFORMATION AT STEEL COLUMNS, UNO.



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initials	date	phase

REVISIONS/ADDENDA

#	Date	Comment
1	06/12/24	PLAN CHECK RESUBMITTAL

ANIMAL CARE CENTER

18313 VALLEY BLVD. BLOOMINGTON, CA 92313

SAN BERNARDINO COUNTY

385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415
PHONE: 1-888-818-8968

PROJECT INFORMATION

Project Number: 22007569.00
Drawn By: HYK
Checked By: JP
Issue Date: 06/12/2024

SHEET NAME

SUPPORT
BUILDING
STRUCTURAL
FLOOR PLAN

SHEET NUMBER

SI-201

Sheet Of Sheets



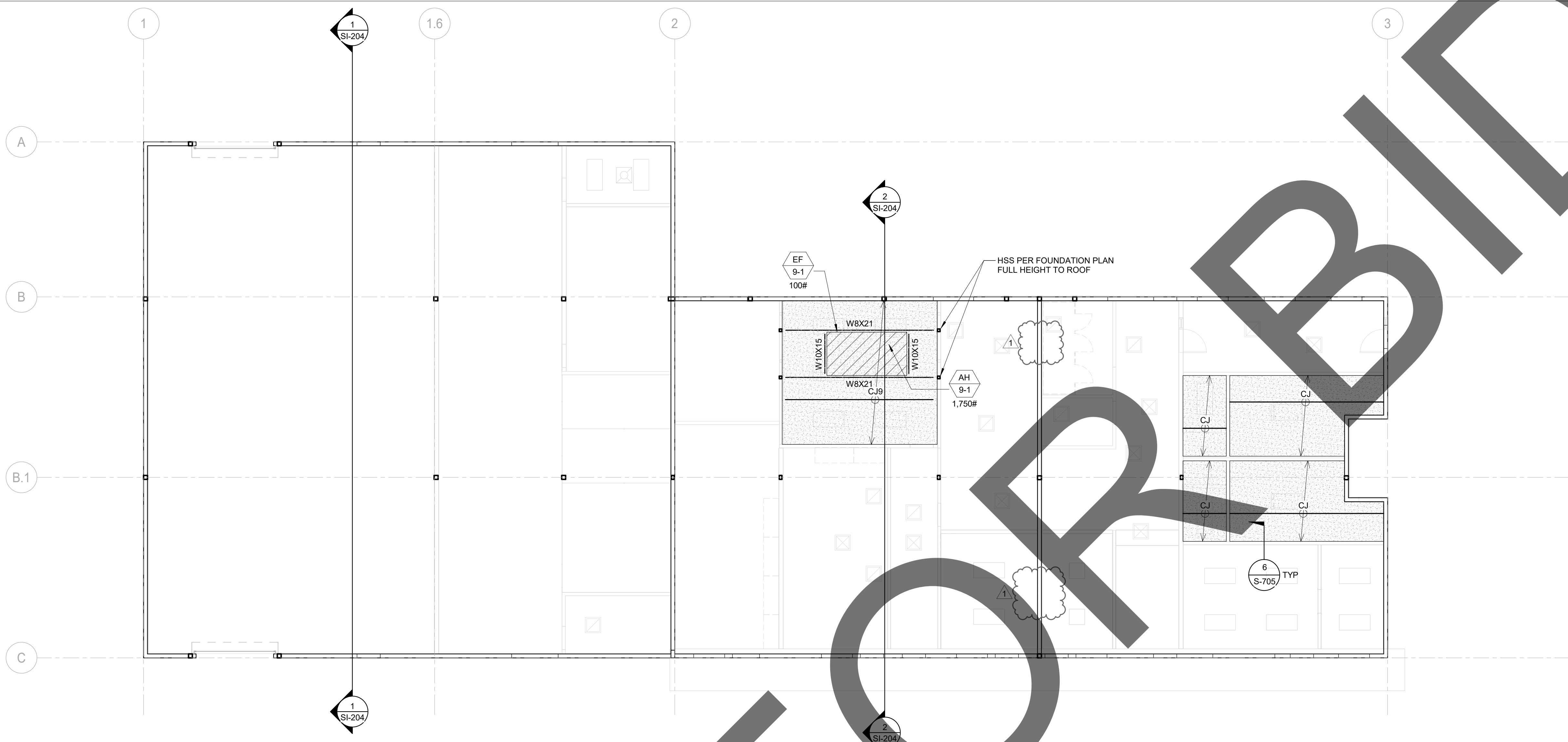
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SUPPORT BUILDING CEILING PLAN

1/8" = 1'-0"

CEILING PLAN NOTES

- SEE SHEET S-100 SERIES FOR STRUCTURAL NOTES. SEE SHEET S-704 SERIES FOR TYPICAL CEILING DETAILS.
- ALL DIMENSIONAL INFORMATION SHOWN IS BASED ON THE ARCHITECTURAL DRAWINGS. FOR ANY DIMENSIONAL INFORMATION NOT SHOWN REFER TO THE ARCHITECTURAL DRAWINGS.
- MECHANICAL ACCESS W/3/4" PLYWOOD OVER CHEILING JOISTS - SEE ARCHITECTURAL DRAWINGS FOR EXTENT



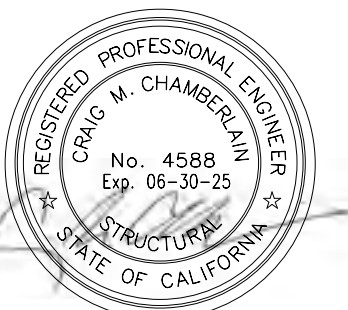
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PROJECT INFORMATION

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Drawn By: HYK
Checked By: JP
Issue Date: 06/12/2024

SHEET NAME

SUPPORT
BUILDING
CEILING PLAN

SHEET NUMBER

SI-202

Sheet Of Sheets



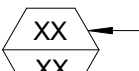
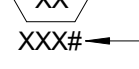
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SUPPORT BUILDING ROOF PLAN - BLDG I

1/8" = 1'-0"

ROOF PLAN NOTES

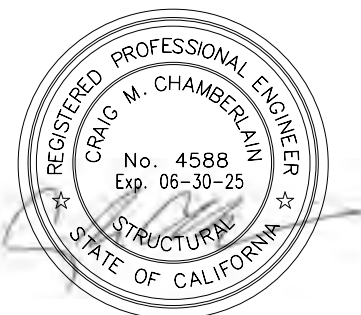
- SEE SHEET **S-100** SERIES FOR STRUCTURAL NOTES.
SEE SHEET **S-700** SERIES FOR TYPICAL COLD FORM STEEL DETAILS.
- ALL DIMENSIONAL INFORMATION SHOWN IS BASED ON THE ARCHITECTURAL DRAWINGS. FOR ANY DIMENSIONAL INFORMATION NOT SHOWN REFER TO THE ARCHITECTURAL DRAWINGS.
- BEAM TO BE EQUALLY SPACED BETWEEN SUPPORTS UNO.
- FOR COLUMN SIZES, SEE FOUNDATION PLAN.
-

-  DENOTES MECHANICAL UNIT PER MEP DWGS
-  DENOTES UNIT MAX OPER WT
W/ CURB AND ALL ATTACHMENTS INCLUDED

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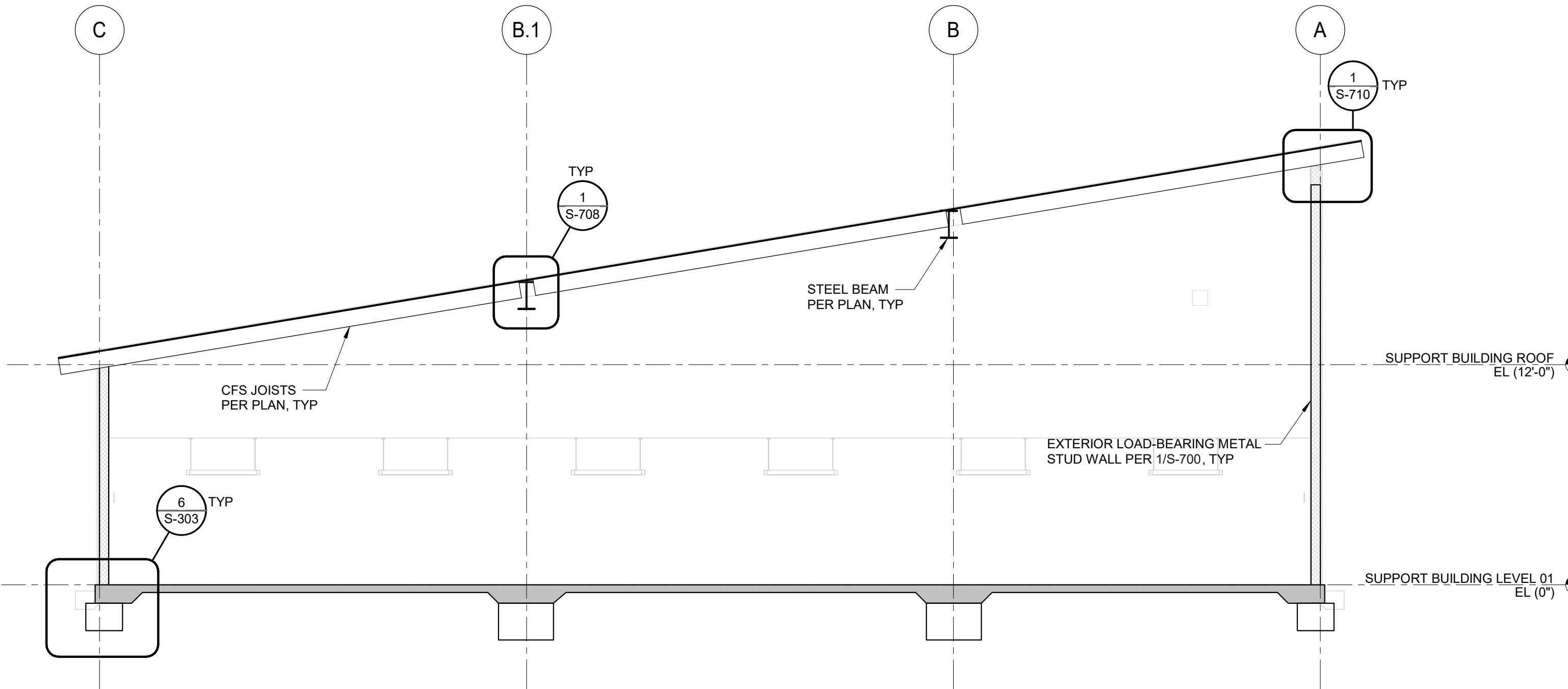
SHEET NAME

SUPPORT
BUILDING ROOF
PLAN

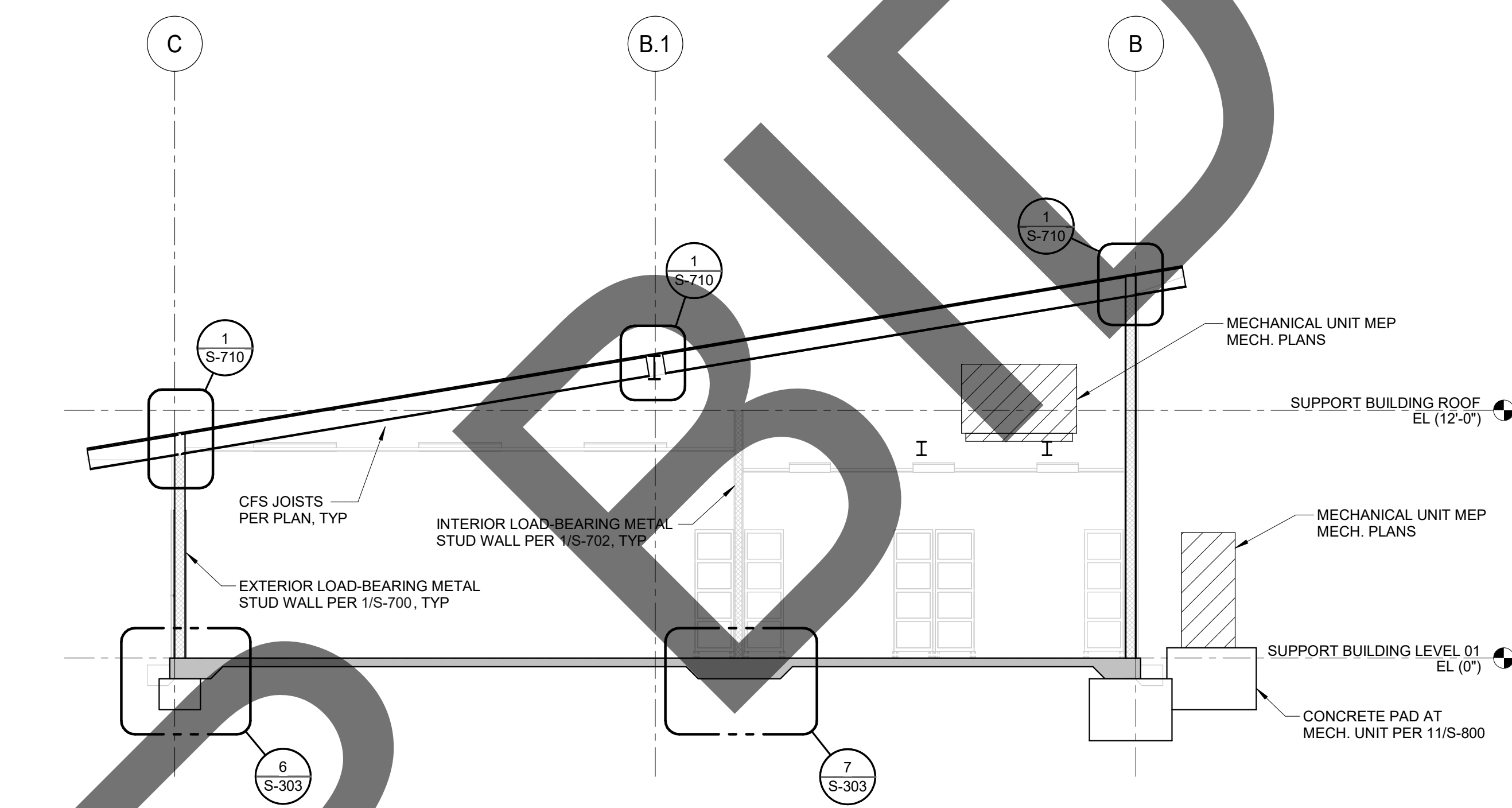
SHEET NUMBER

SI-203

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1 SUPPORT BUILDING SECTION
3/16" = 1'-0"



2 SUPPORT BUILDING SECTION
3/16" = 1'-0"

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REVISIONS/ADDENDA

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1	06/12/24	PLAN CHECK RESUBMITTAL

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SAN BERNARDINO COUNTY

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PHONE: 1-888-818-8988

PROJECT INFORMATION

Project Number:	22007569.00
Drawn By:	HYK
Checked By:	JP
Issue Date:	06/12/2024

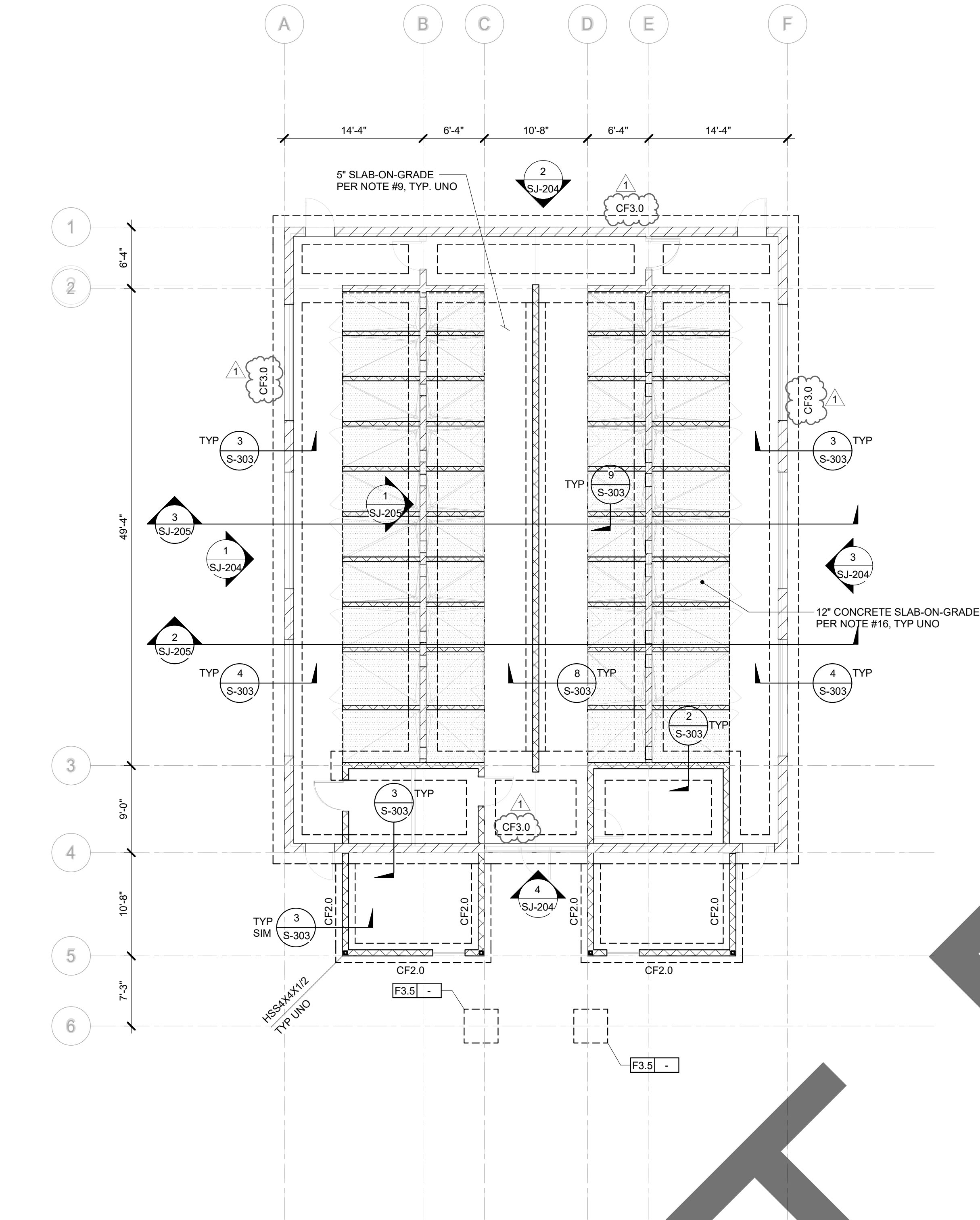
SHEET NAME

SUPPORT
BUILDING
SECTIONS

SHEET NUMBER

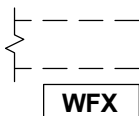
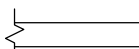
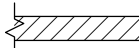
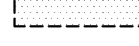
SI-204

Sheet Of Sheets



 **1** **ADOPTION DOG BUILDING FOUNDATION PLAN - BLDG J AND K**
1/8" = 1'-0"

FOUNDATION PLAN NOTES

- SEE SHEET S-100 SERIES FOR STRUCTURAL NOTES.
SEE SHEET S-300 SERIES FOR TYPICAL CONCRETE DETAILS.
SEE SHEET S-400 SERIES FOR TYPICAL CMU DETAILS.
SEE SHEET S-500 SERIES FOR TYPICAL STEEL DETAILS.
SEE SHEET S-700 SERIES FOR TYPICAL COLD FORM STEEL DETAILS.
- TOP OF SLAB ON GRADE = 0'-0" UNO
- TOP OF FOOTING SHALL BE 1'-4" BELOW TOP OF SLAB OR FINISH GRADE, TYP.
AT EXTERIOR CMU WALLS, UNO.
- S.A.D. FOR DIMENSIONS, ELEVATIONS, SLOPES, CURBS, STEPS,
AND PADS NOTED ON PLAN.
- COORDINATE LOCATION OF SLAB STEPS AND DEPRESSIONS
WITH ARCHITECTURAL DRAWINGS.
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF ANY
DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL FOUNDATION EXCAVATIONS MUST BE INSPECTED AND
APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO
PLACEMENT OF REINFORCING STEEL.
- PRIOR TO THE CONTRACTOR REQUESTING A BUILDING
DEPARTMENT INSPECTION, THE SOILS ENGINEER SHALL ADVISE
THE BUILDING OFFICIAL IN WRITING THAT:
A. THE BUILDING PAD WAS PREPARED IN ACCORDANCE
WITH THE SOILS REPORT.
B. THE UTILITY TRENCHES HAVE BEEN PROPERLY
BACKFILLED AND COMPACTED, AND
C. THE FOUNDATION EXCAVATIONS COMPLY WITH THE
INTENT OF THE SOILS REPORT
- TYPICAL SLAB ON GRADE: 5" THICK W/ #4 AT 18" O.C. EA WAY FOR UNDERLAYMENT
SEE 4/S-301
-  DENOTES CONTINUOUS FOOTING. SEE SCHEDULE 1/S-303
FOR FOOTING SIZE AND REINFORCEMENT
- S — S DENOTES STEPPED FOOTING. SEE DETAIL 5/S-302
- CONTRACTOR SHALL COORDINATE AND LOCATE ALL DUCT, PIPE, CONDUIT, ETC
PENETRATIONS THRU WALLS AND FOOTINGS AND PROVIDE THE ASSOCIATED
FRAMING AND FOUNDATION CONDITIONS PER THE TYPICAL DETAILS.
-  DENOTES LOAD BEARING METAL STUD FRAMED WALL PER 1/S-700 AND 1/S-702
-  DENOTED FULL HEIGHT CMU WALL
-  DENOTES METAL STUD SHAR WALL PER 2/S-706
-  SLAB ON GRADE: 12" THICK W/ #5 AT 112" O.C. EA WAY
TOP AND BOTTOM - SEE 4/S-301 AND 9/S-303
-  DENOTES NON-LOAD BEARING METAL STUD WALL PER 1/S-702
-  DENOTES PARTIAL HEIGHT CMU WALL



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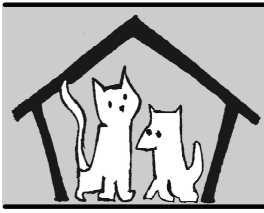
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REF. SCALE IN INCHES PROJECT #22007569.00





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initials	date	phase

REVISIONS/ADDENDA		
#	Date	Comment
1	06/12/24	PLAN CHECK RESUBMITTAL

ANIMAL CARE CENTER

18313 VALLEY BLVD. BLOOMINGTON, CA 92313

SAN BERNARDINO COUNTY

385 N. ARROWHEAD AVENUE
SAN BERNARDINO, CA 92415
PHONE: 1-888-818-8968

PROJECT INFORMATION	
Project Number:	22007569.00
Drawn By:	HYK
Checked By:	JP
Issue Date:	06/12/2024

SHEET NAME

**ADOPTION DOG
BUILDING
FOUNDATION
PLAN**

SHEET NUMBER

SJ-201

Sheet Of Sheets



1. SEE SHEET S-100 SERIES FOR STRUCTURAL NOTES. SEE SHEET S-704 SERIES FOR TYPICAL CEILING DETAILS.
2. ALL DIMENSIONAL INFORMATION SHOWN IS BASED ON THE ARCHITECTURAL DRAWINGS. FOR ANY DIMENSIONAL INFORMATION NOT SHOWN REFER TO THE ARCHITECTURAL DRAWINGS.
3. MECHANICAL ACCESS W/3/4" PLYWOOD OVER CEILING JOISTS - SEE ARCHITECTURAL DRAWINGS FOR EXTENT.



#	Date	Comment
1	06/12/24	PLAN CHECK RESUBMITTAL

18313 VALLEY BLVD. BLOOMINGTON, CA 92313

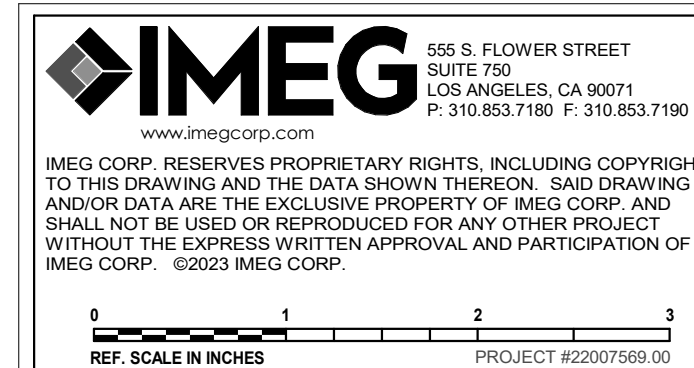
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PHONE: 1-888-818-8988

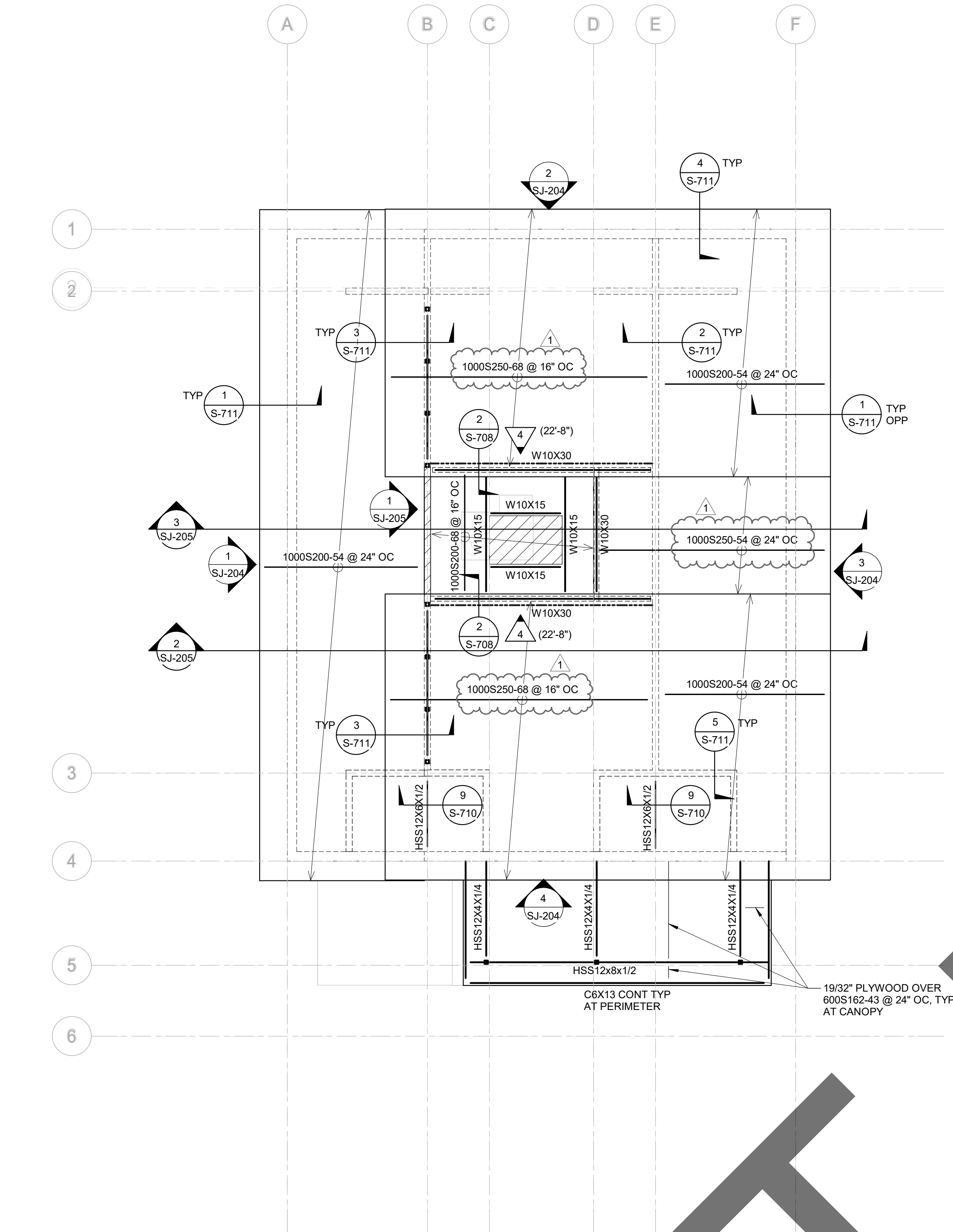
Project Number:	22007569.00
Drawn By:	HYK
Checked By:	JP
Issue Date:	06/12/2024

ADOPTION DOG BUILDING CEILING PLAN

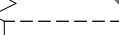
SJ-202

Sheet	Of	Sheets
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ROOF PLAN NOTES

- SEE SHEET S-100 SERIES FOR STRUCTURAL NOTES.
SEE SHEET S-700 SERIES FOR TYPICAL COLD FORM STEEL DETAILS.
- ALL DIMENSIONAL INFORMATION SHOWN IS BASED ON THE ARCHITECTURAL DRAWINGS. FOR ANY DIMENSIONAL INFORMATION NOT SHOWN REFER TO THE ARCHITECTURAL DRAWINGS.
- BEAM TO BE EQUALLY SPACED BETWEEN SUPPORTS UNO.
- FOR COLUMN SIZES, SEE FOUNDATION PLAN.
-  DENOTES MECHANICAL UNIT PER MEP DWGS
 DENOTES UNIT MAX OPER WT
W/ CURB AND ALL ATTACHMENTS INCLUDED
-  DENOTES BEARING WALL BELOW



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REVISIONS/ADDENDA

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PROJECT INFORMATION

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Drawn By: HYK
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SHEET NAME

ADOPTION DOG
BUILDING ROOF
PLAN

SHEET NUMBER

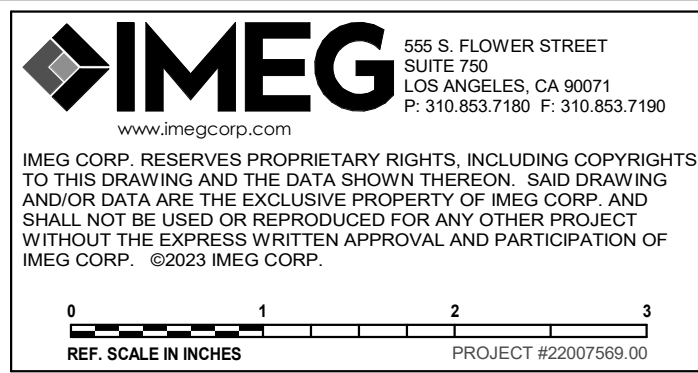
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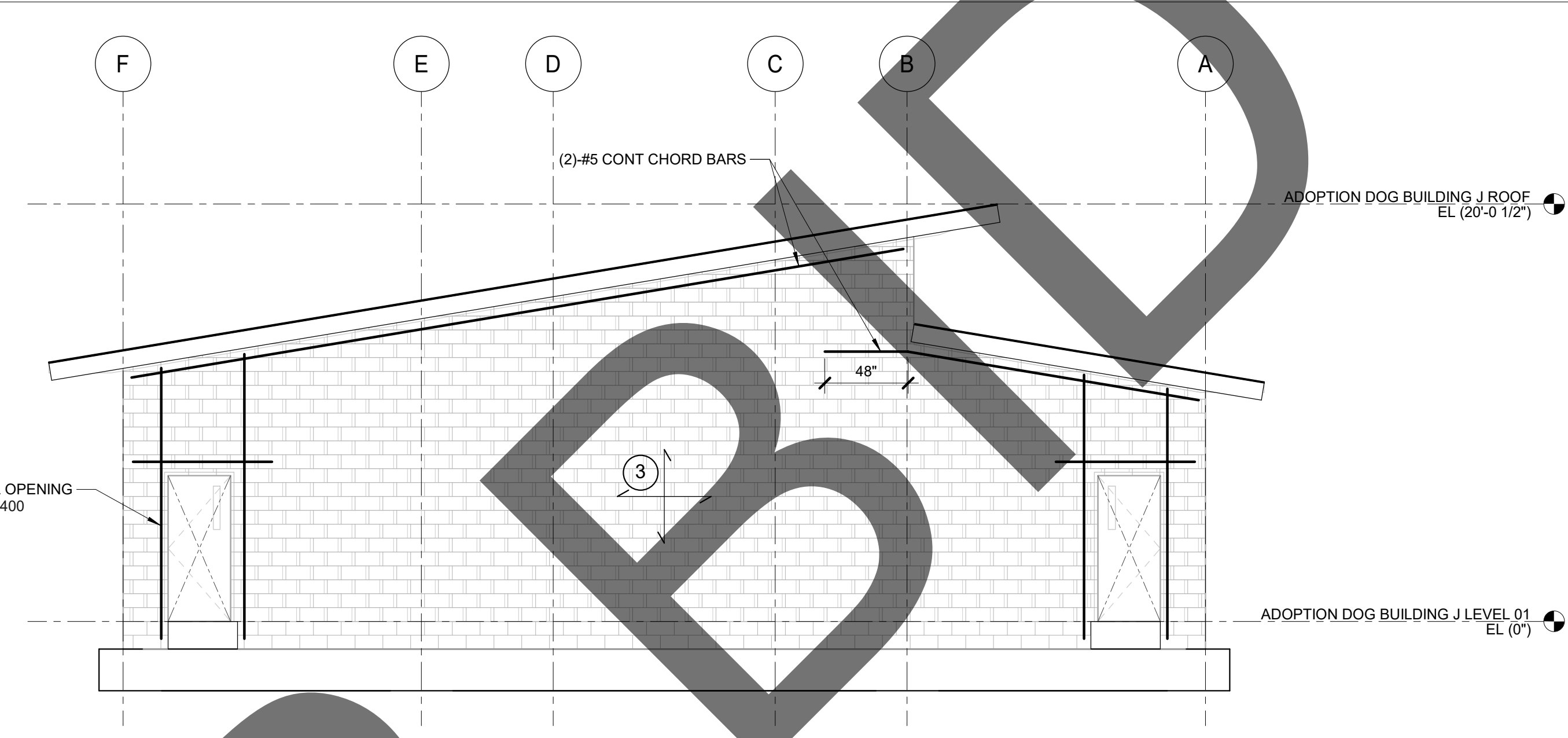
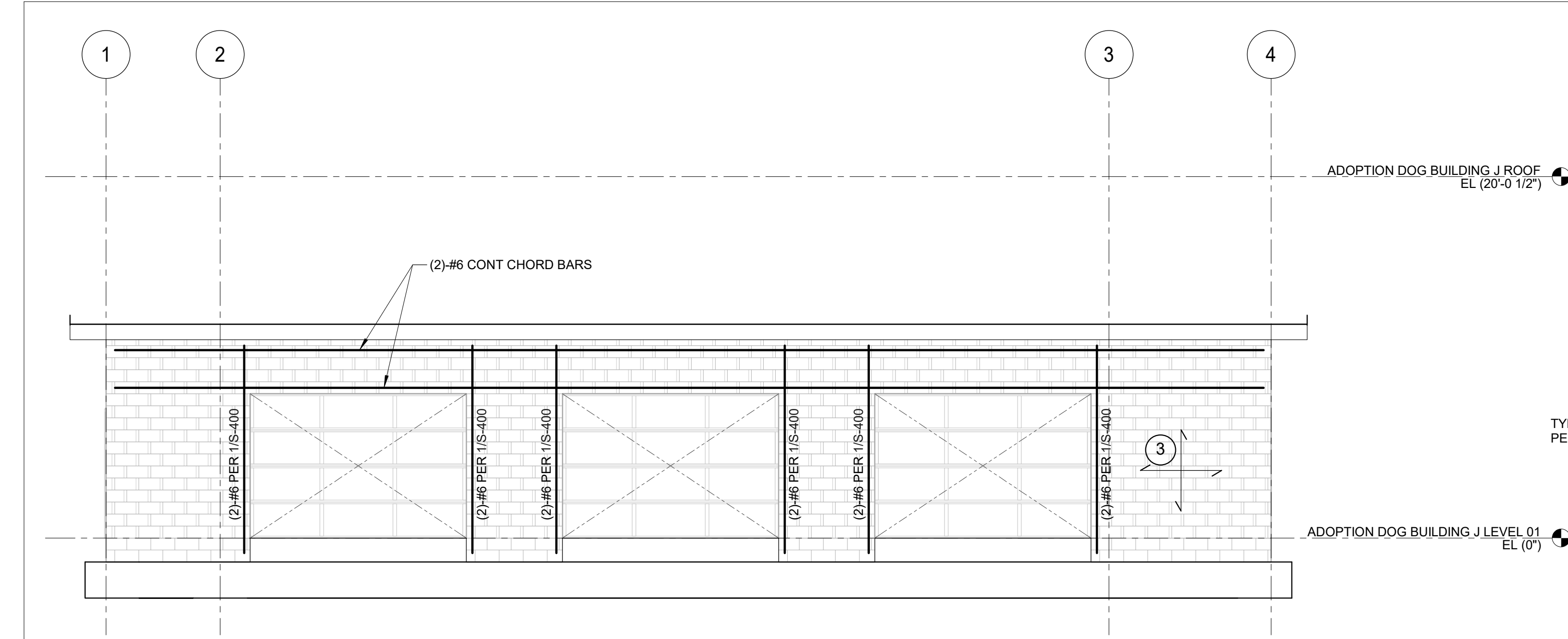
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ADOPTION DOG BUILDING ROOF PLAN - BLDG J AND K

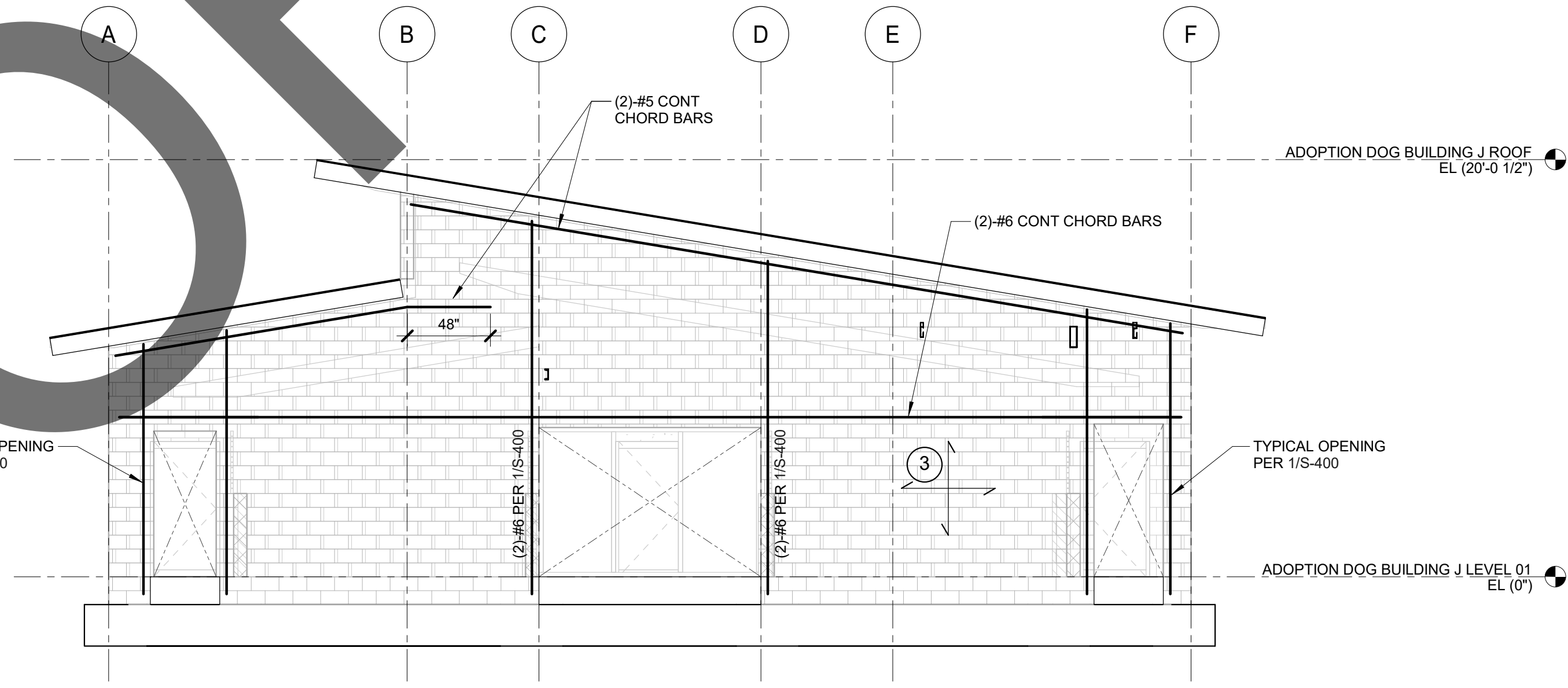
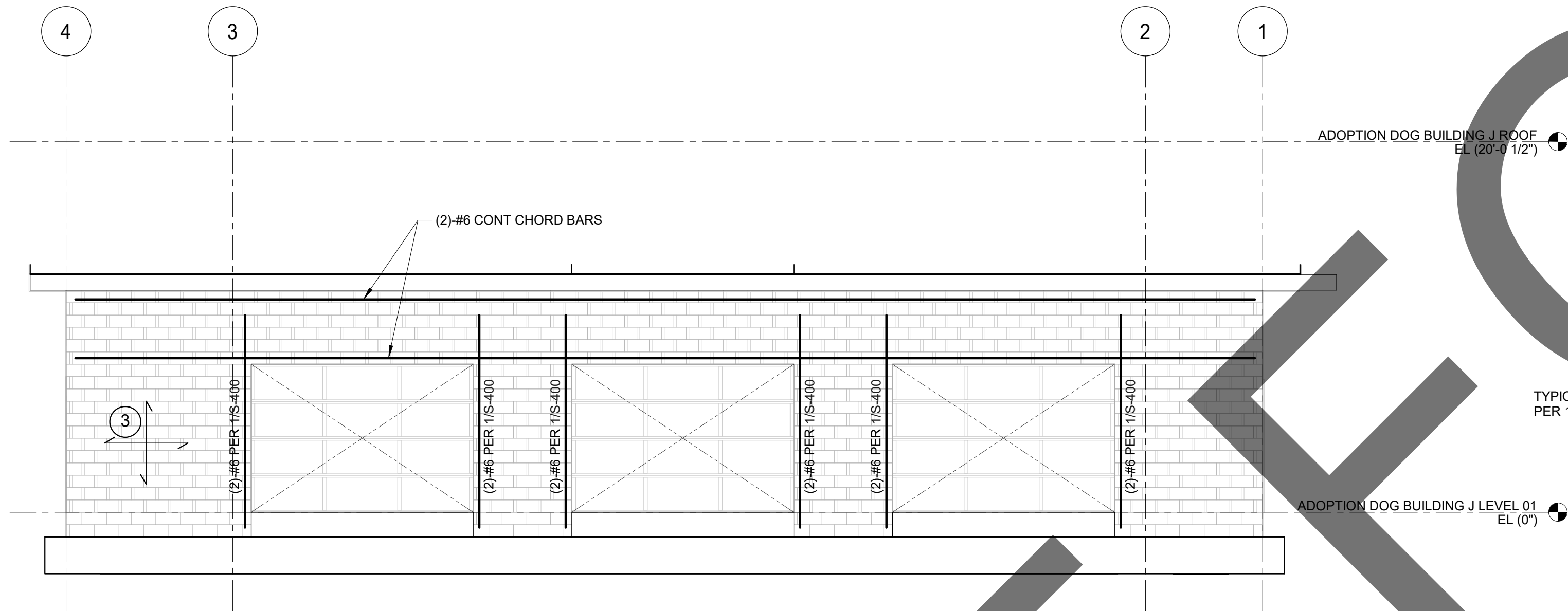
1/8" = 1'-0"





1 ADOPTION DOG BUILDING WALL ELEVATION - GL "A" - 12" THICK CMU
3/16" = 1'-0"

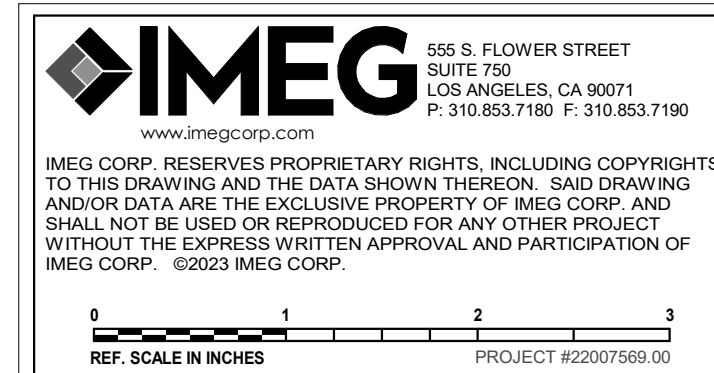
2 ADOPTION DOG BUILDING WALL ELEVATION - GL "1" - 12" THICK CMU
3/16" = 1'-0"



3 ADOPTION DOG BUILDING WALL ELEVATION - GL "F" - 12" THICK CMU
3/16" = 1'-0"

4 ADOPTION DOG BUILDING WALL ELEVATION - GL "4" - 12" THICK CMU
3/16" = 1'-0"

- NOTES:**
- 1 DENOTES: #5 @ 16" O.C. (V) (CENTER)
8" CMU #4 @ 24" O.C. (H) (CENTER)
 - 2 DENOTES: #5 @ 16" O.C. (V) (CENTER)
8" CMU #5 @ 24" O.C. (H) (CENTER)
 - 3 DENOTES: #5 @ 8" O.C. (V) EACH FACE
12" CMU #5 @ 16" O.C. (H) EACH FACE
 4. FOR TYPICAL CMU DETAILS SEE S5.0 AND S5.1
 5. FOR TYPICAL REINFORCEMENT AT OPENING SEE 1/S-400
 6. PROVIDE DOWELS FOR VERTICAL REINFORCEMENT SEE FOUNDATION DETAILS ON SHEET S-303
 7. STEEL FRAMING NOT SHOWN FOR CLARITY. SEE FRAMING PLANS - TYPICAL
 8. FACE MOUNTED CONTROL PANEL AND PIPING - SEE PLUMBING DRAWINGS



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REVISIONS/ADDENDA

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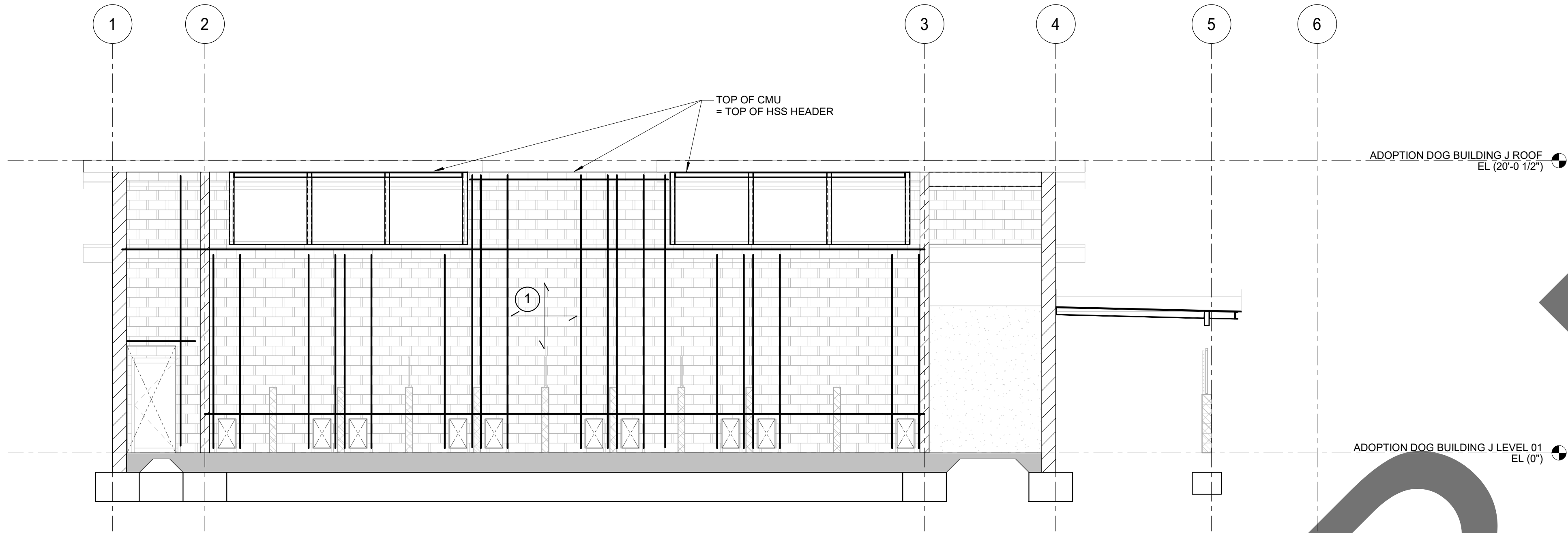
SHEET NAME

ADOPTION DOG
BUILDING WALL
ELEVATIONS

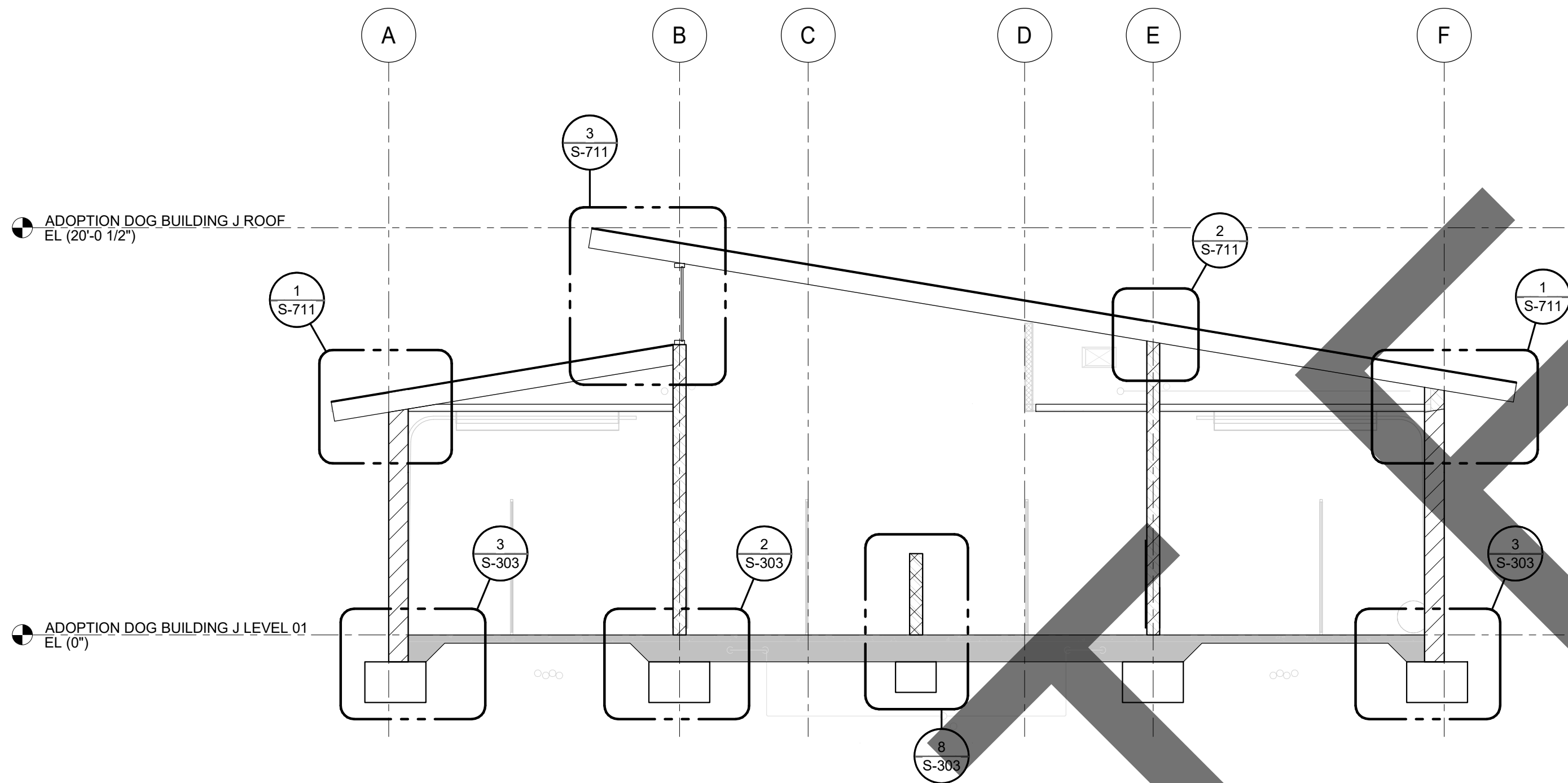
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SJ-204

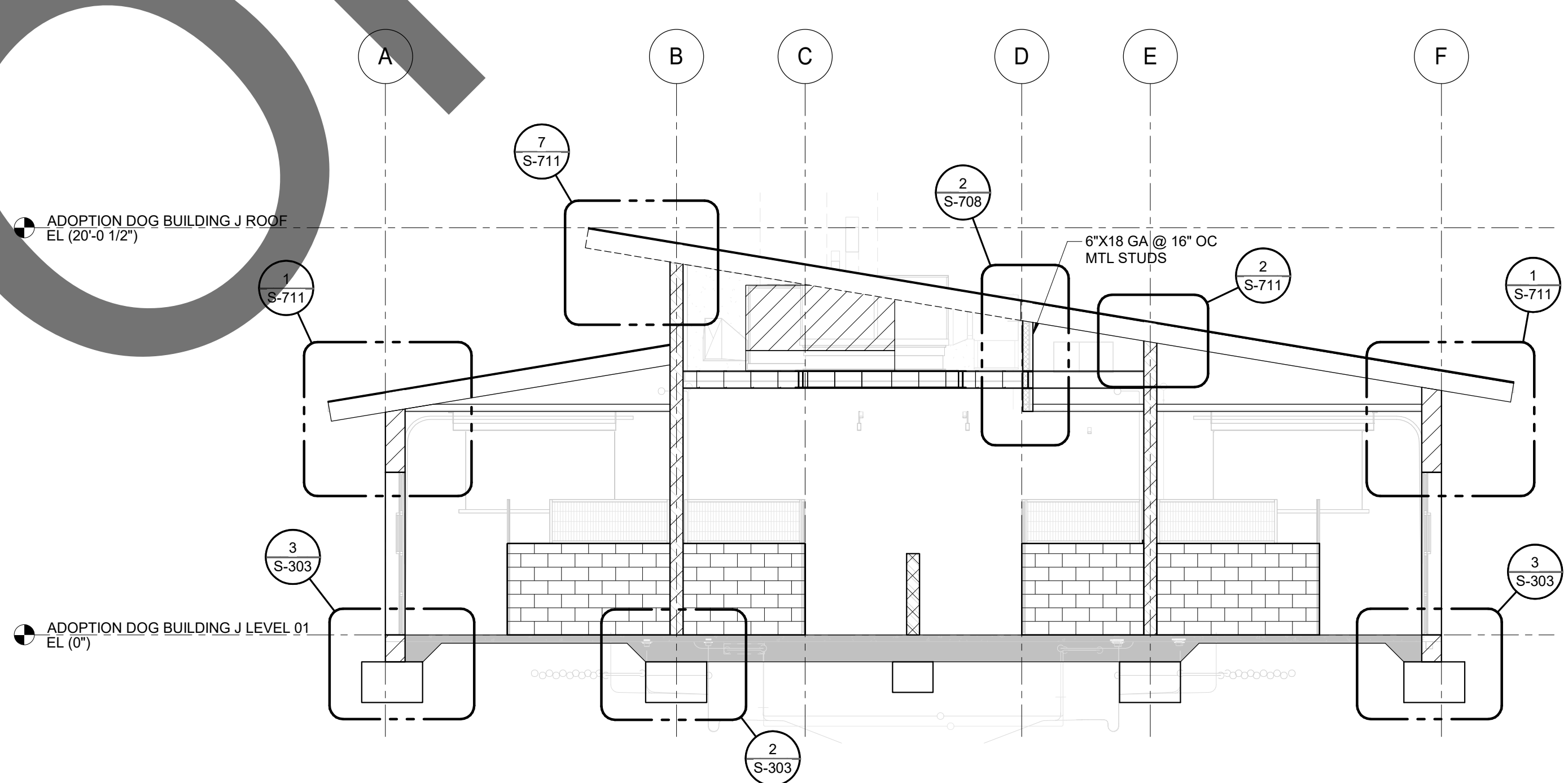
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1 ADOPTION DOG BUILDING WALL ELEVATION - GL "B" - 8" THICK CMU
3/16" = 1'-0"



2 ADOPTION DOG BUILDING SECTION
3/16" = 1'-0"



3 ADOPTION DOG BUILDING SECTION AT MECHANICAL WELL
3/16" = 1'-0"

- NOTES:**
1. DENOTES: #5 @ 16" O.C. (V) (CENTER)
8" CMU #4 @ 24" O.C. (H) (CENTER)
 2. DENOTES: #5 @ 16" O.C. (V) (CENTER)
8" CMU #5 @ 24" O.C. (H) (CENTER)
 3. DENOTES: #5 @ 8" O.C. (V) EACH FACE
12" CMU #5 @ 16" O.C. (H) EACH FACE
 4. FOR TYPICAL CMU DETAILS SEE S5.0 AND S5.1
 5. FOR TYPICAL REINFORCEMENT AT OPENING SEE 1/S-400
 6. PROVIDE DOWELS FOR VERTICAL REINFORCEMENT SEE FOUNDATION DETAILS ON SHEET S-303
 7. STEEL FRAMING NOT SHOWN FOR CLARITY. SEE FRAMING PLANS - TYPICAL
 8. FACE MOUNTED CONTROL PANEL AND PIPING - SEE PLUMBING DRAWINGS



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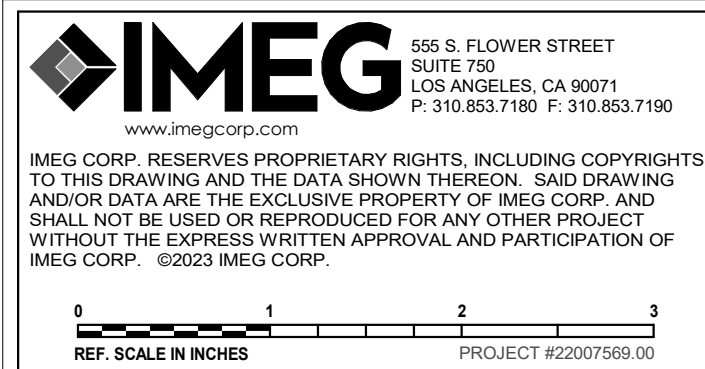
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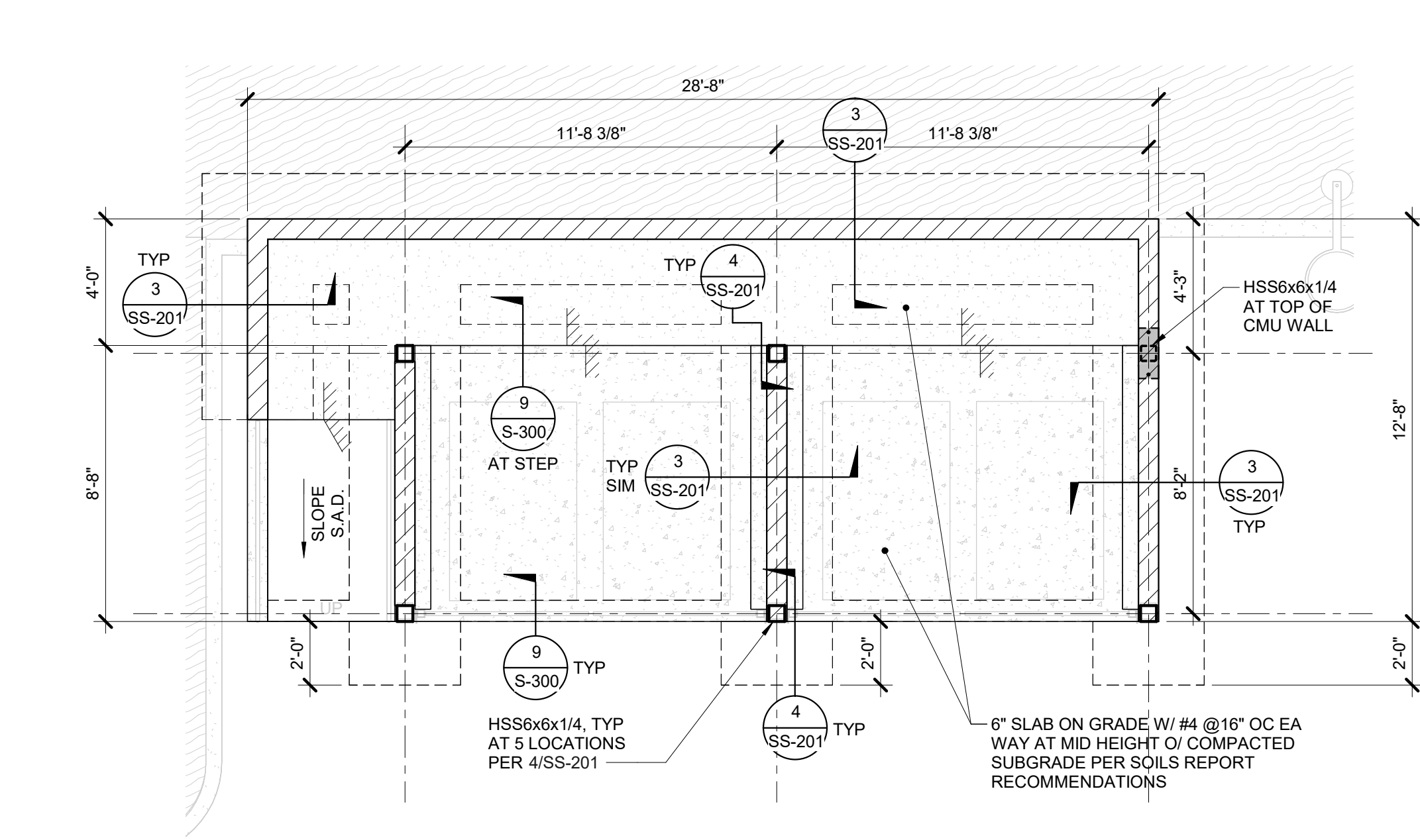
ADOPTION DOG
BUILDING WALL
ELEVATIONS AND
SECTIONS

SHEET NUMBER

SJ-205

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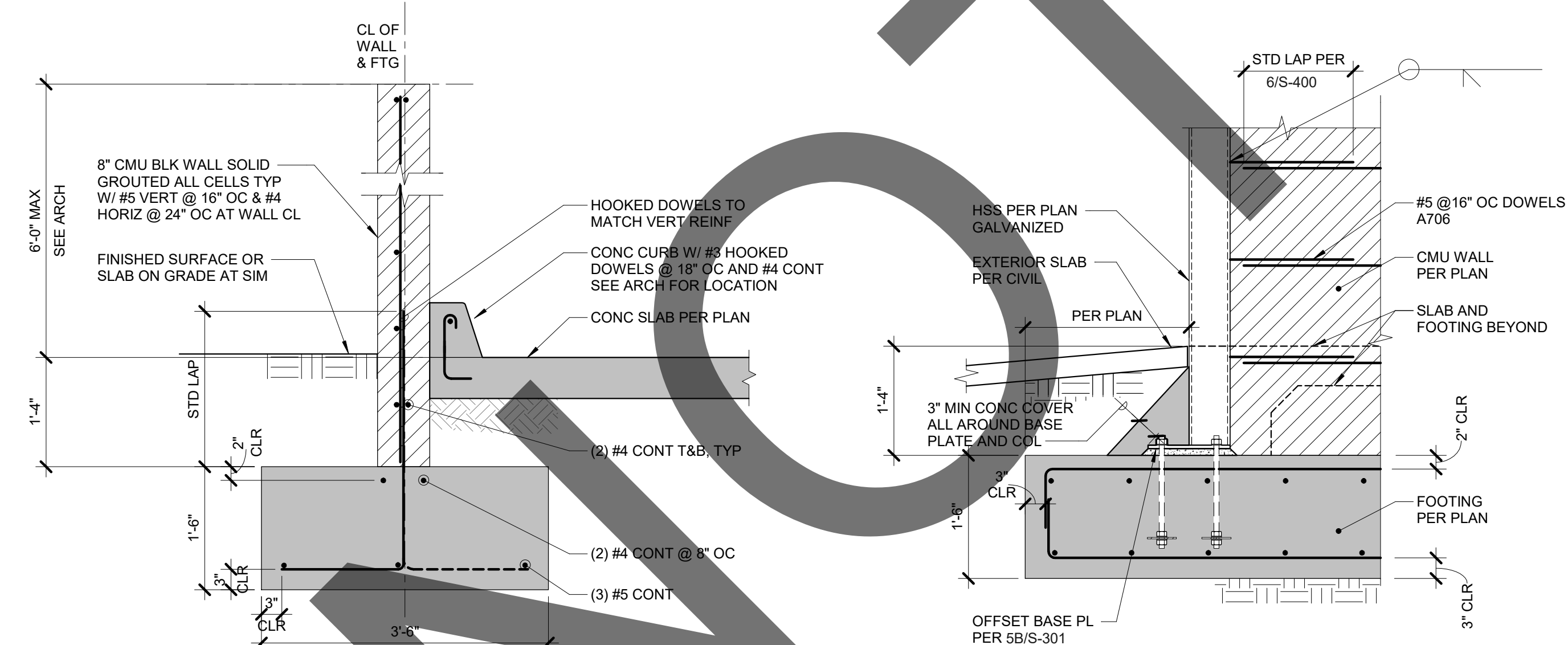
1 FOUNDATION PLAN
1/4" = 1'-0"

TYPE (GAGE)	MINIMUM SECTION PROPERTIES (PER FT)			SECTION	TYPICAL STEEL DECK FILL REINF	SHEAR CONN (STUDS) LENGTH AFTER WELD	REMARKS
	1 in ⁴	+Sin ³	-Sin ³				
A (20 GAGE)	0.306	0.314	0.331		-	-	VERCO HSB-36 GALVANIZED ROOF DECK (DOUBLE SPAN MIN.) - (4) 5/8" WELDS PER 36" WIDE SHIT TO EA SUPPORT. VSC2 SIDELAPS @ 12" OC @ 5/8" WELDS @ 12" OC AT PARALLEL EDGE

NOTES:

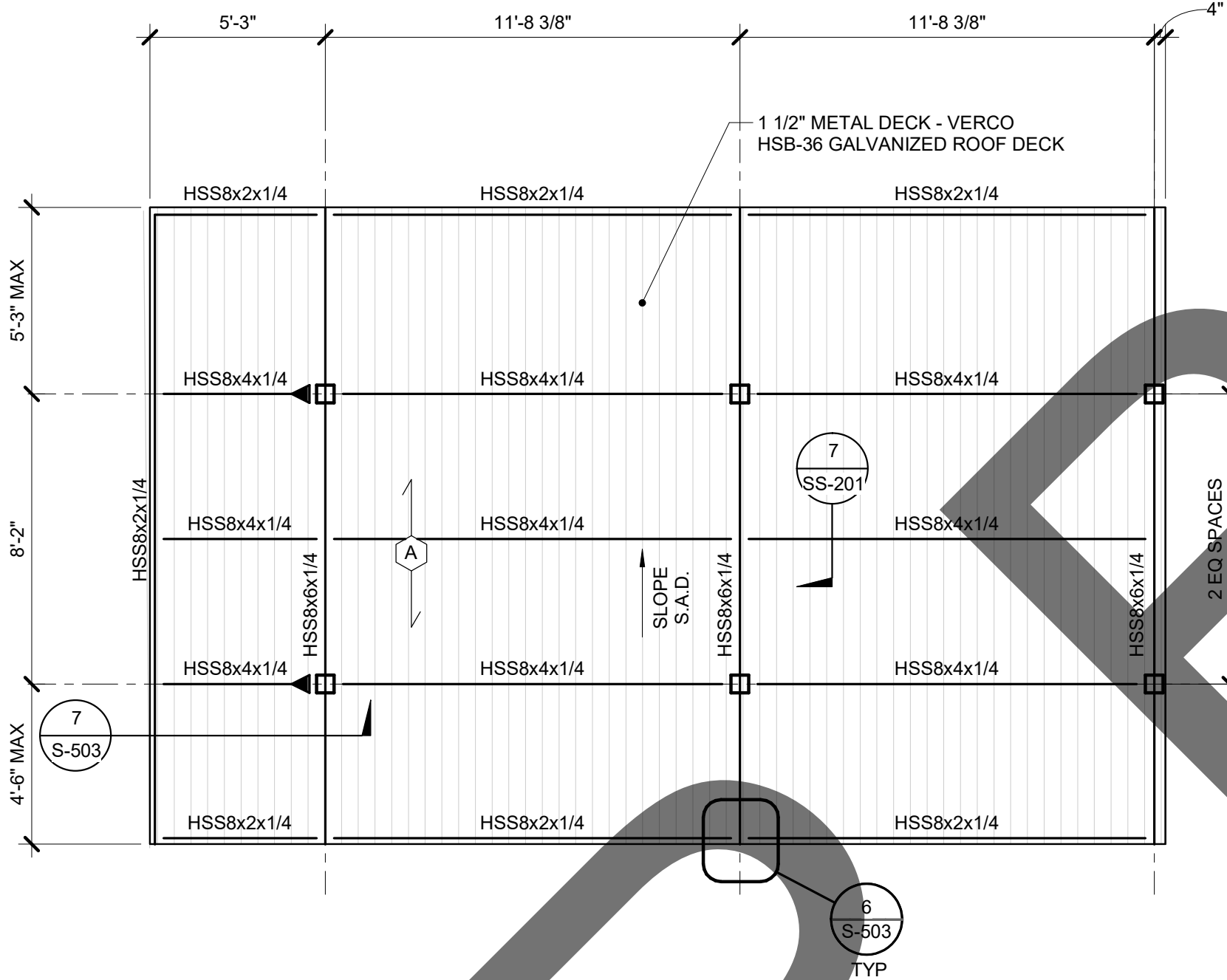
- AT EDGE OF CONCRETE SLABS PROVIDE REINFORCING AS SHOWN ON TYPICAL SLAB EDGE DETAIL.
- SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.

6 TYPICAL STEEL DECK SCHEDULE
NO SCALE

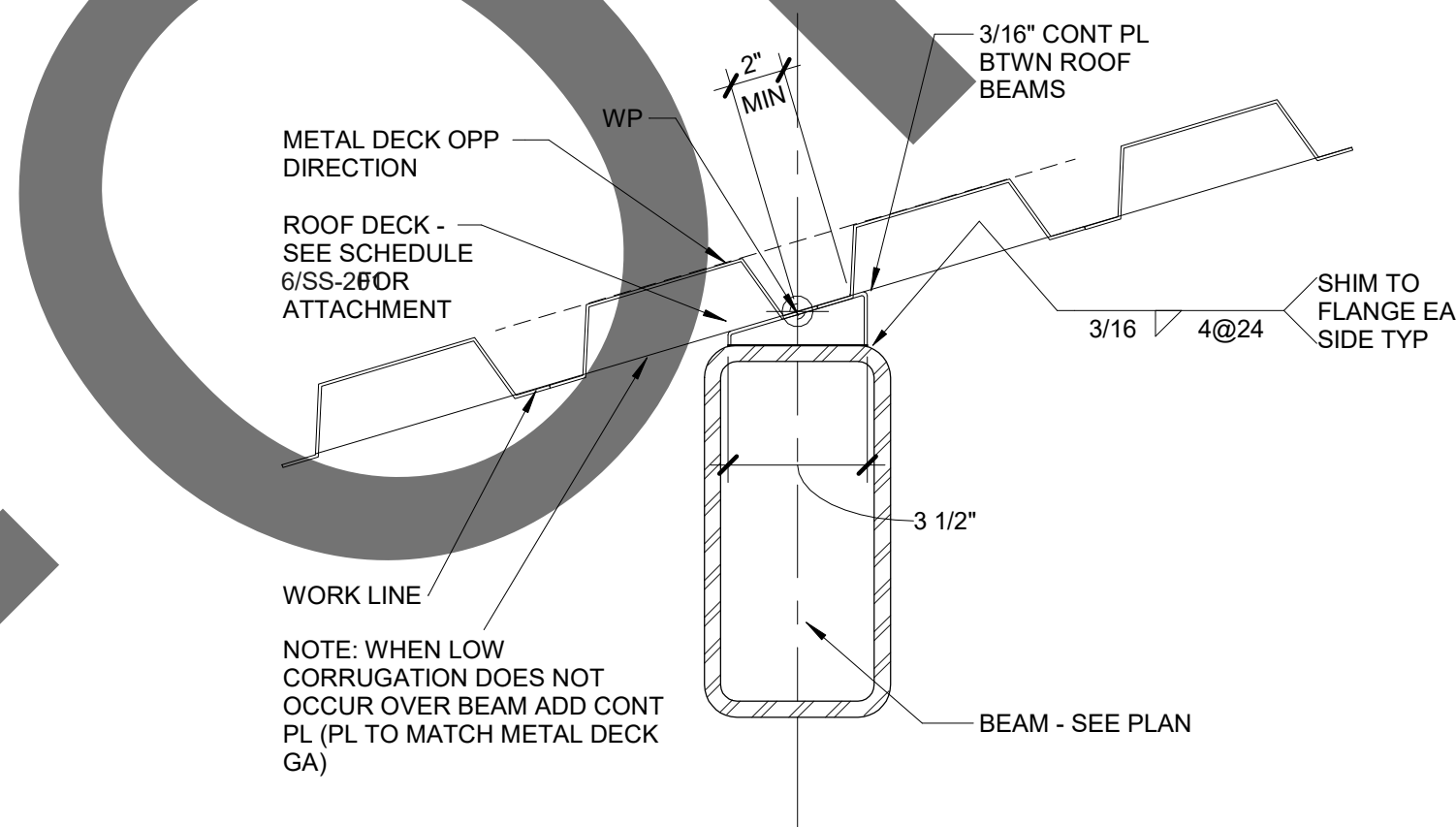


3 TRASH ENCLOSURE WALL/FTG
3/4" = 1'-0"

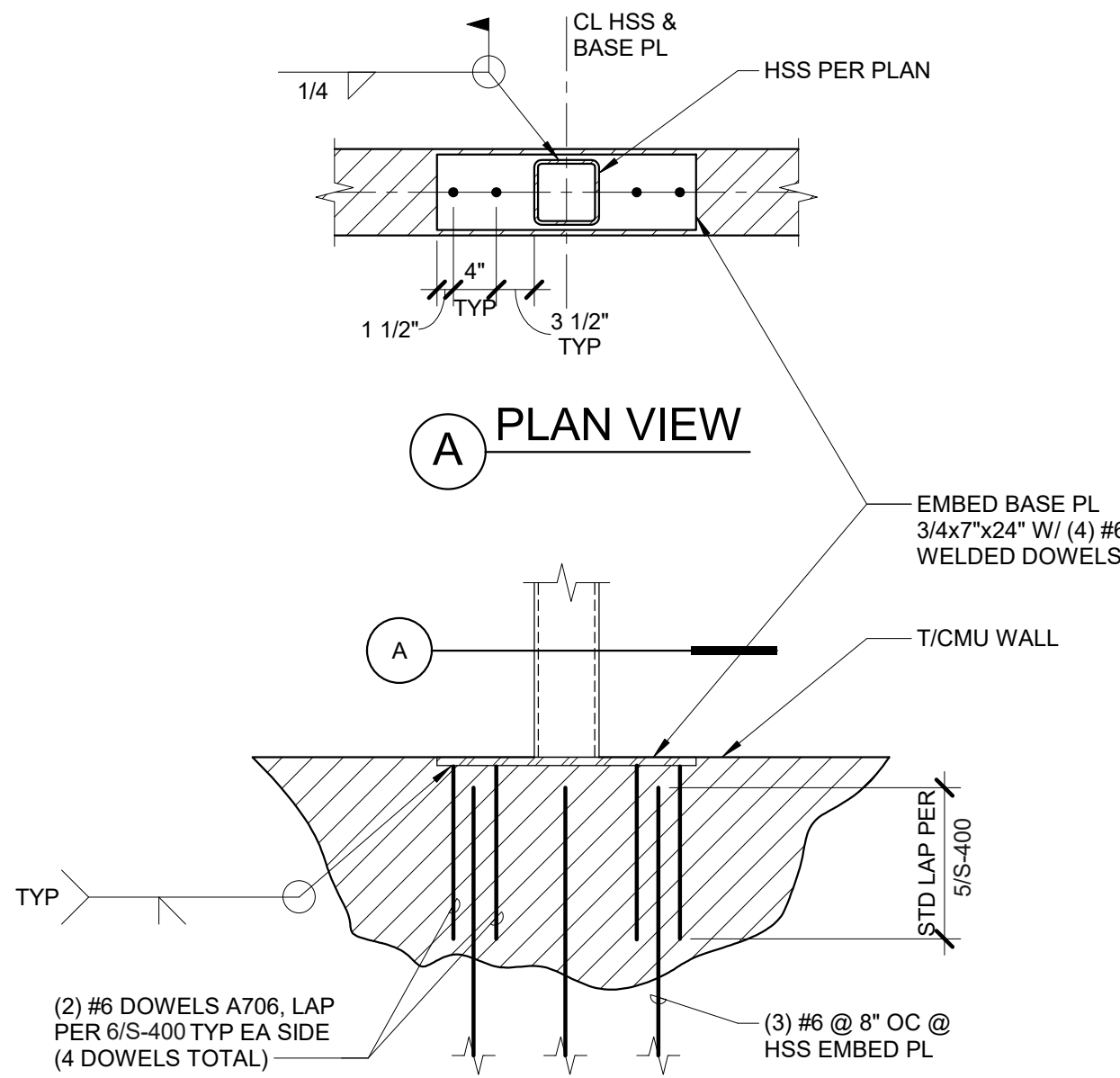
4 SECTION AT HSS COLUMN
3/4" = 1'-0"



2 TRASH ENCLOSURE ROOF FRAMING PLAN
1/4" = 1'-0"



7 TYP ROOF STEEL DECK SHIM DETAIL
3" = 1'-0"



5 TRASH ENCLOSURE WALL/FTG
3/4" = 1'-0"

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owner approval

initials	date	phase

REVISIONS/ADDENDA		
#	Date	Comment
1	06/12/24	PLAN CHECK RESUBMITTAL

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385 N. ARROWHEAD AVENUE
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PHONE: 1-888-818-8968

PROJECT INFORMATION
Project Number: 22007569.00
Drawn By: HYK
Checked By: JP
Issue Date: 06/12/2024

SHEET NAME

TRASH ENCLOSURE

SHEET NUMBER

SS-201

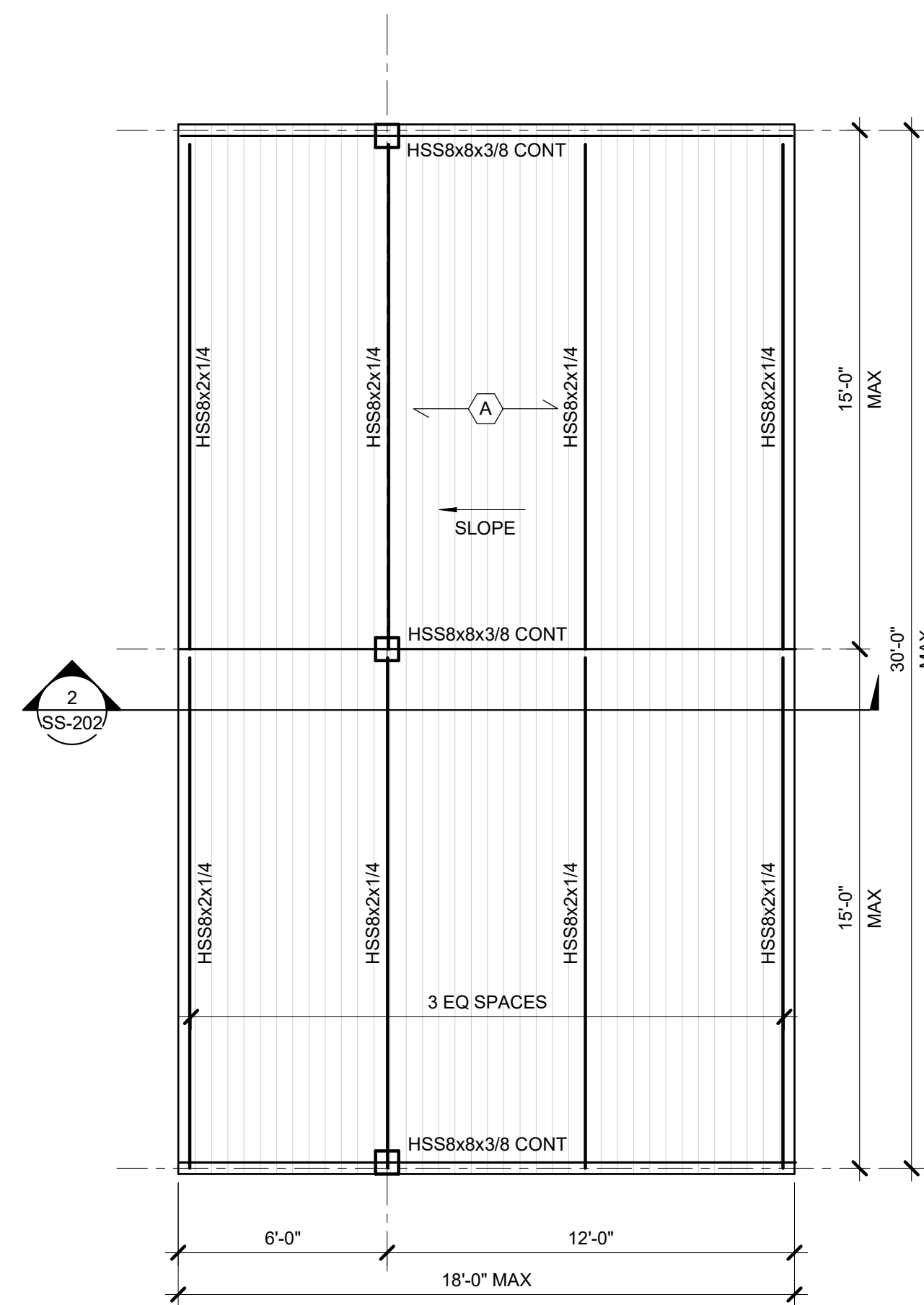
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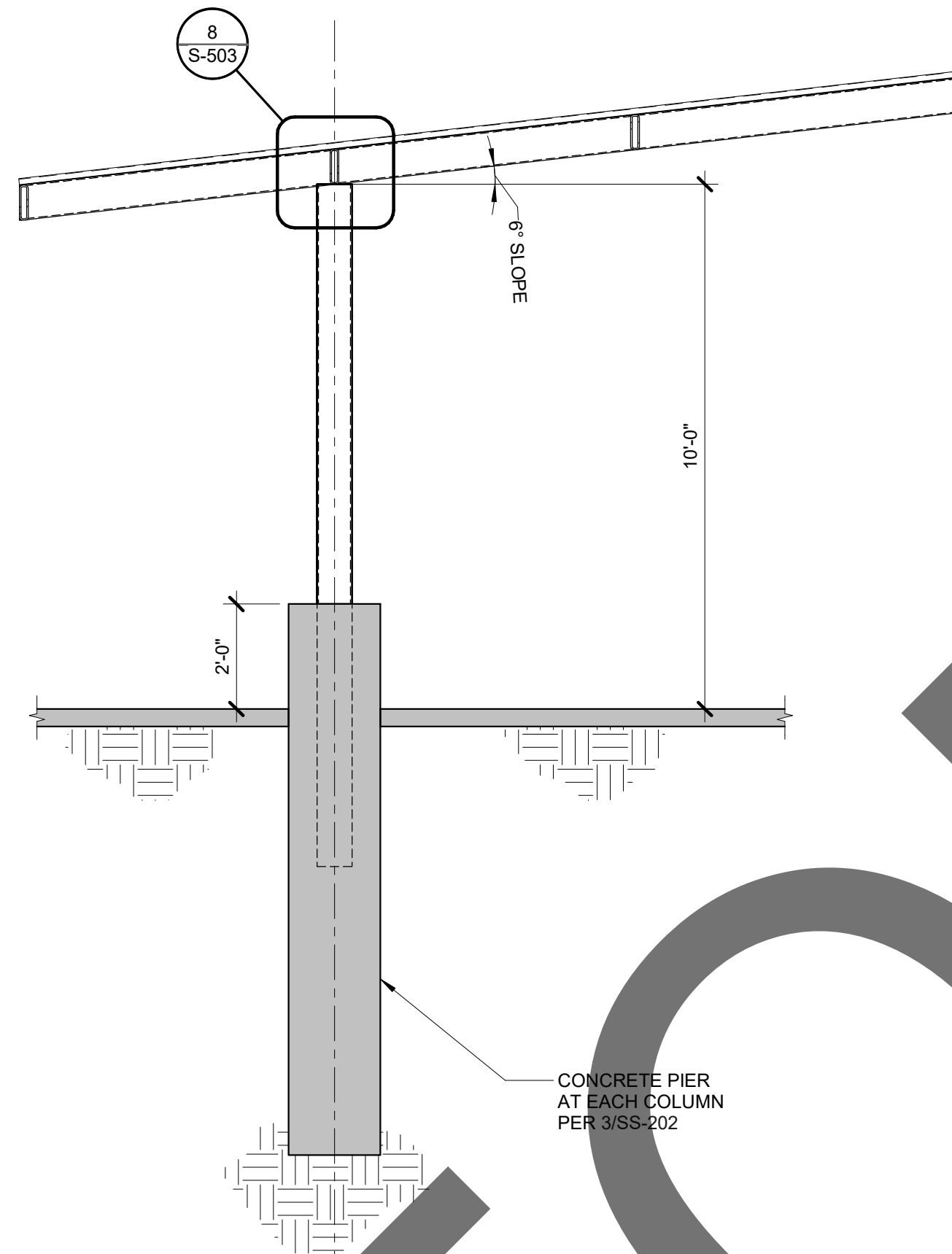
TRUCK WASH ROOF FRAMING PLAN

1/4" = 1'-0"



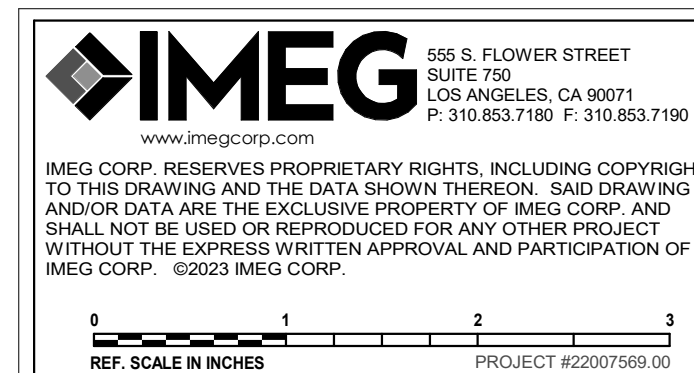
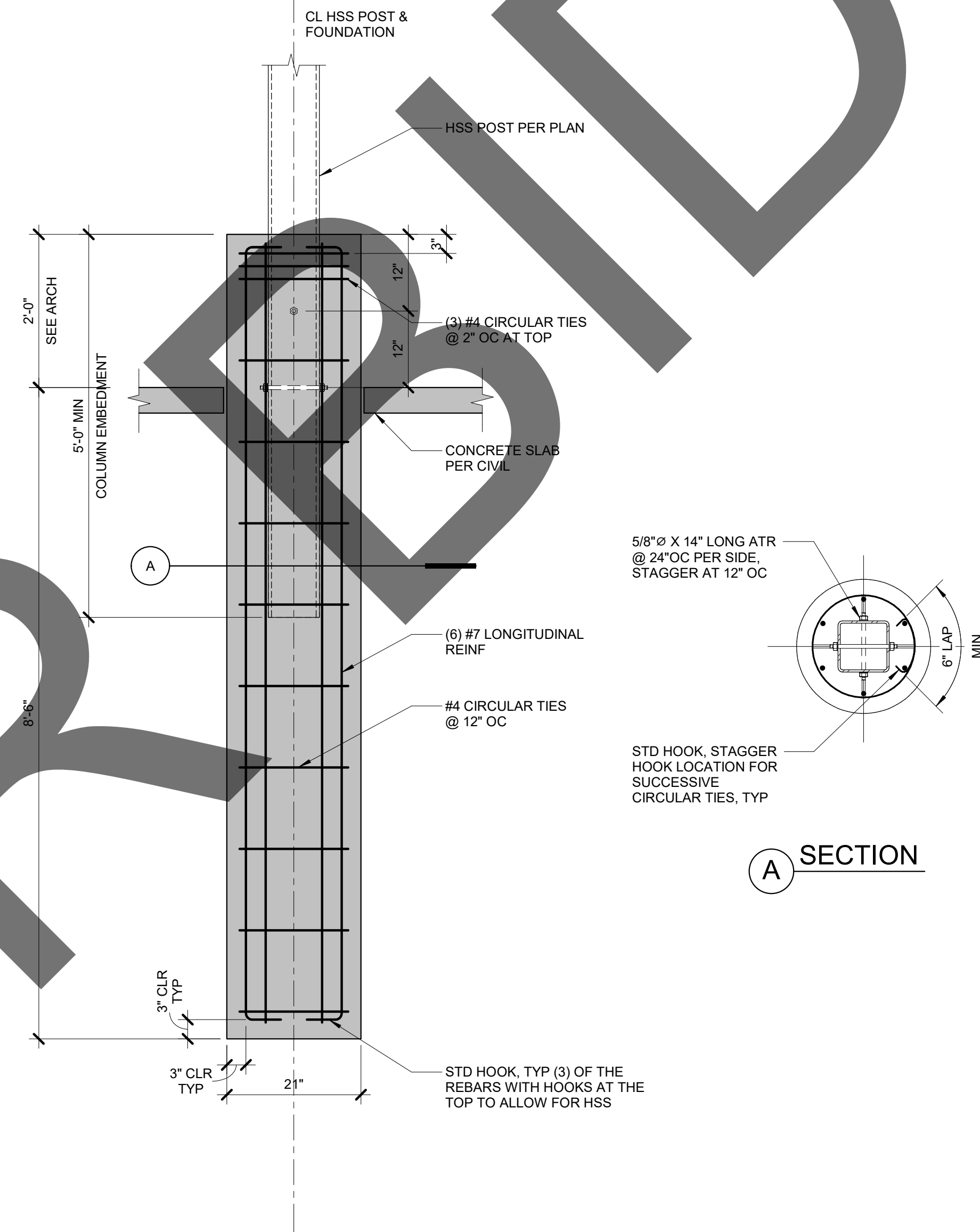
2

TRUCK WASH SECTION

$$\frac{3}{8}'' = 1'-0''$$


3

SS-202 03

$$\frac{3}{4}'' = 1'-0''$$


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PROJECT INFORMATION

Project Number:	22007569.00
Drawn By:	HYK
Checked By:	JP
Issue Date:	06/12/2024

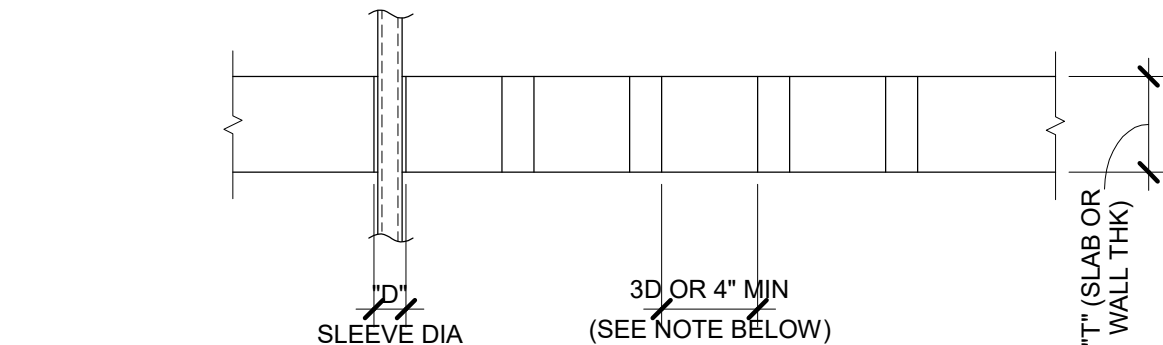
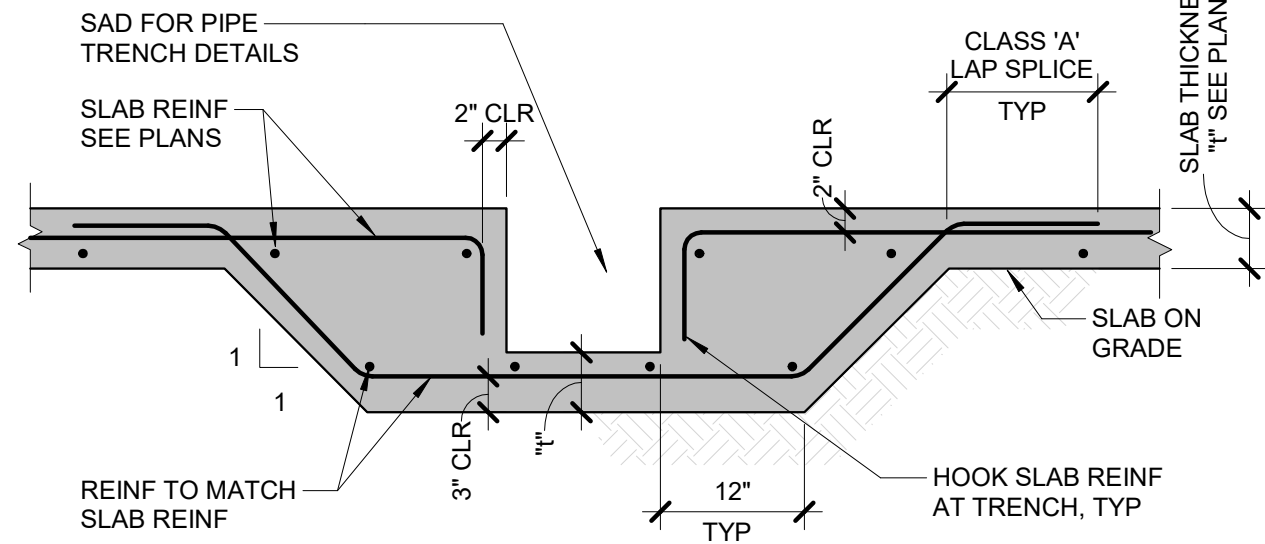
SHEET NAME

TRUCK WASH

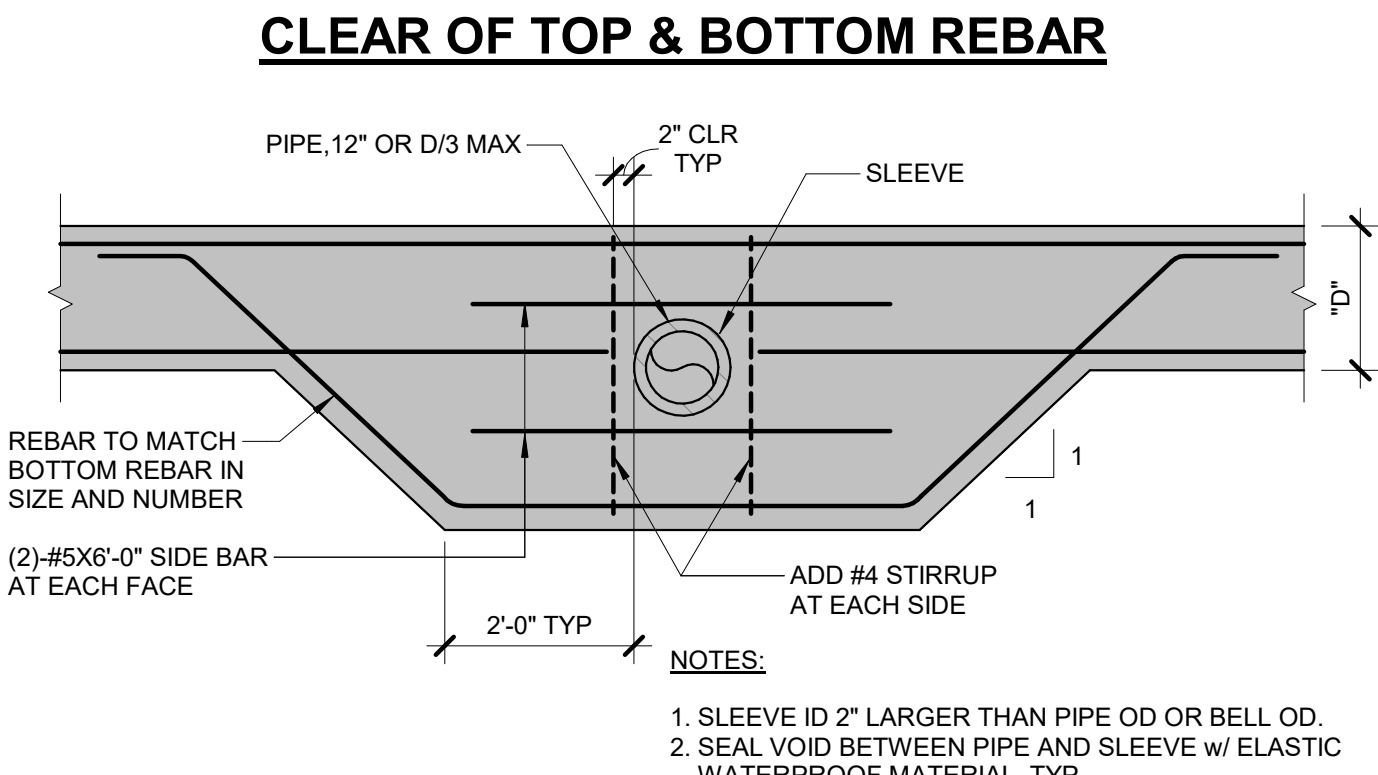
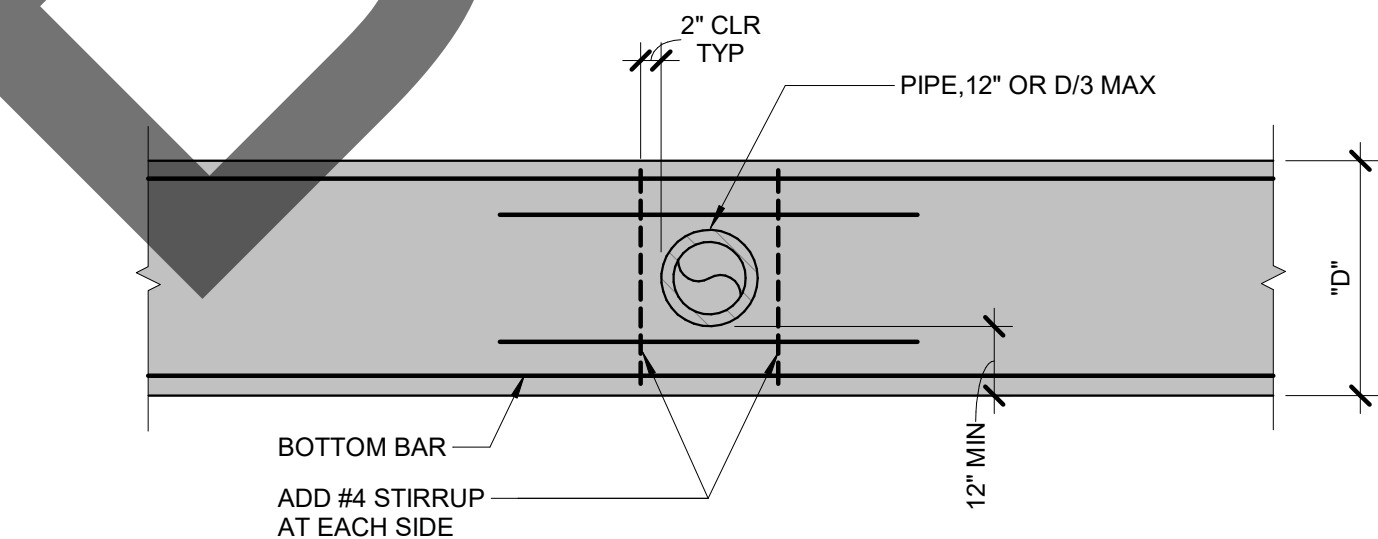
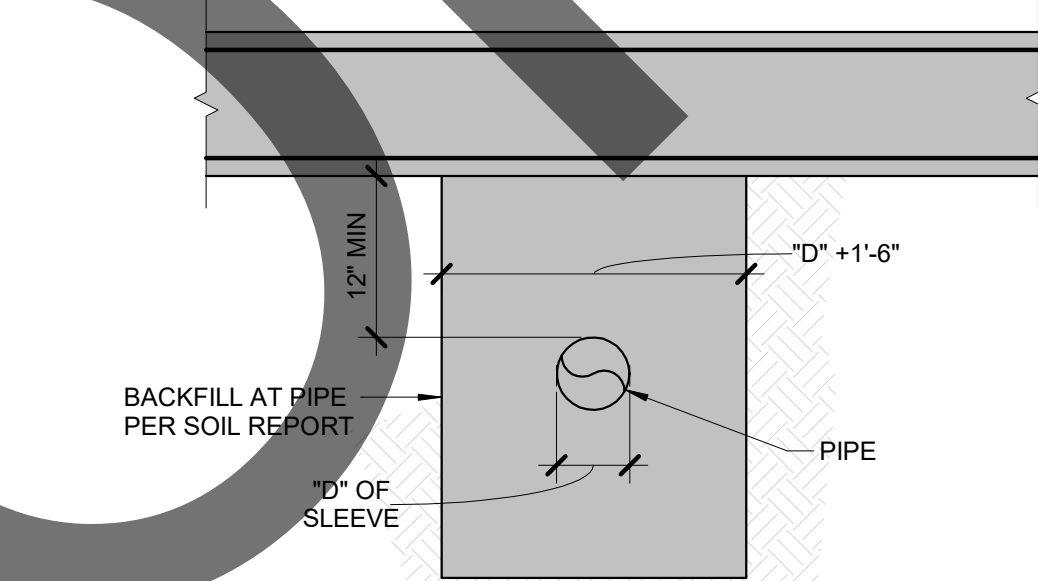
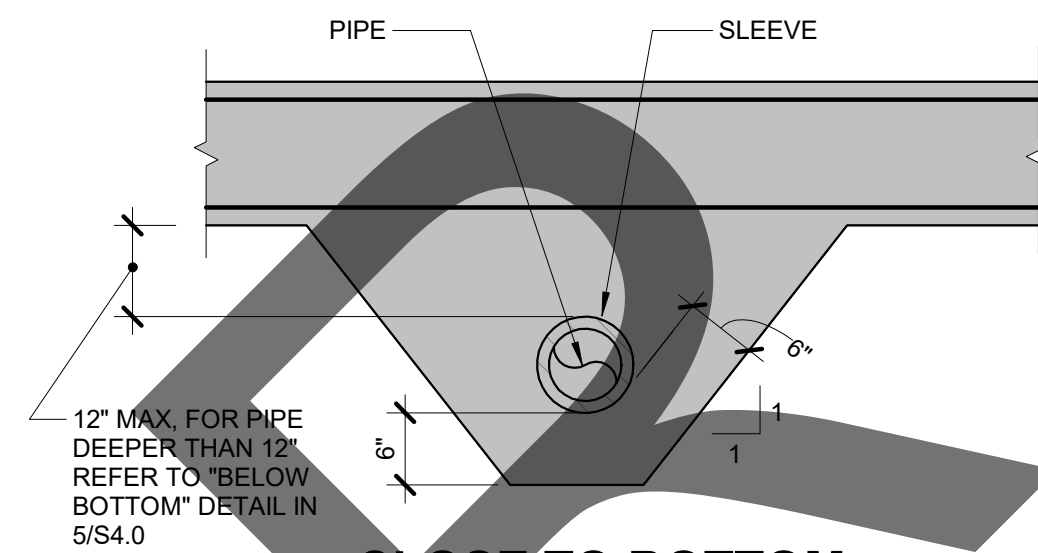
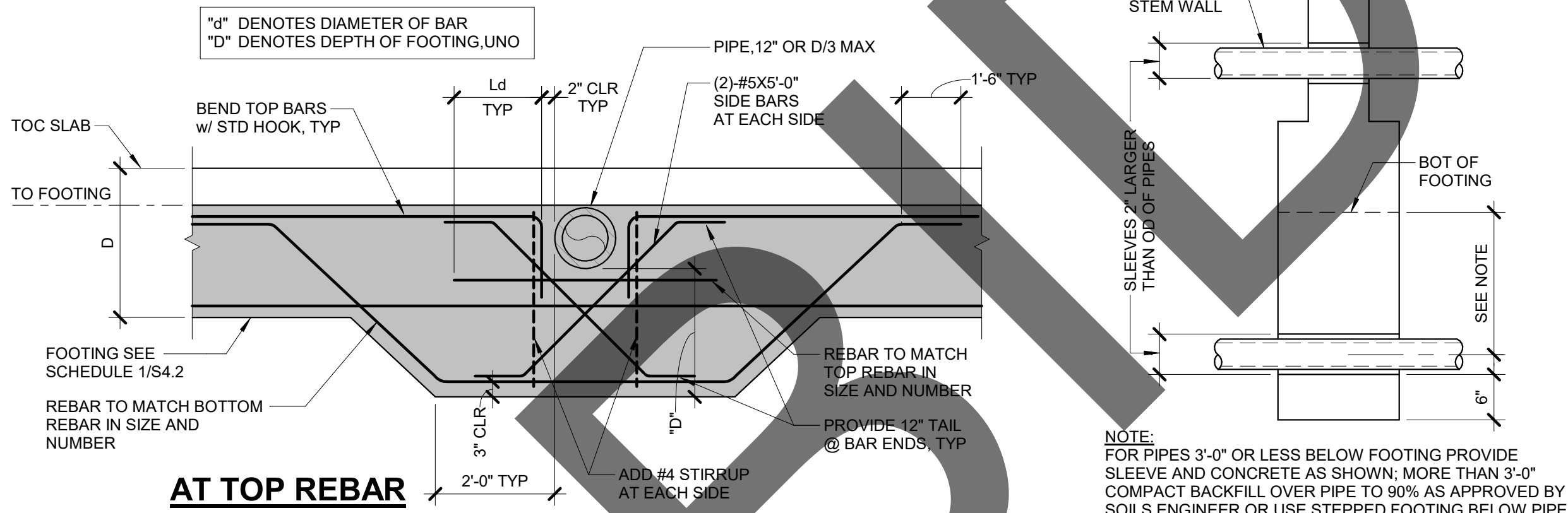
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SS-202

Sheet	Of	Sheets
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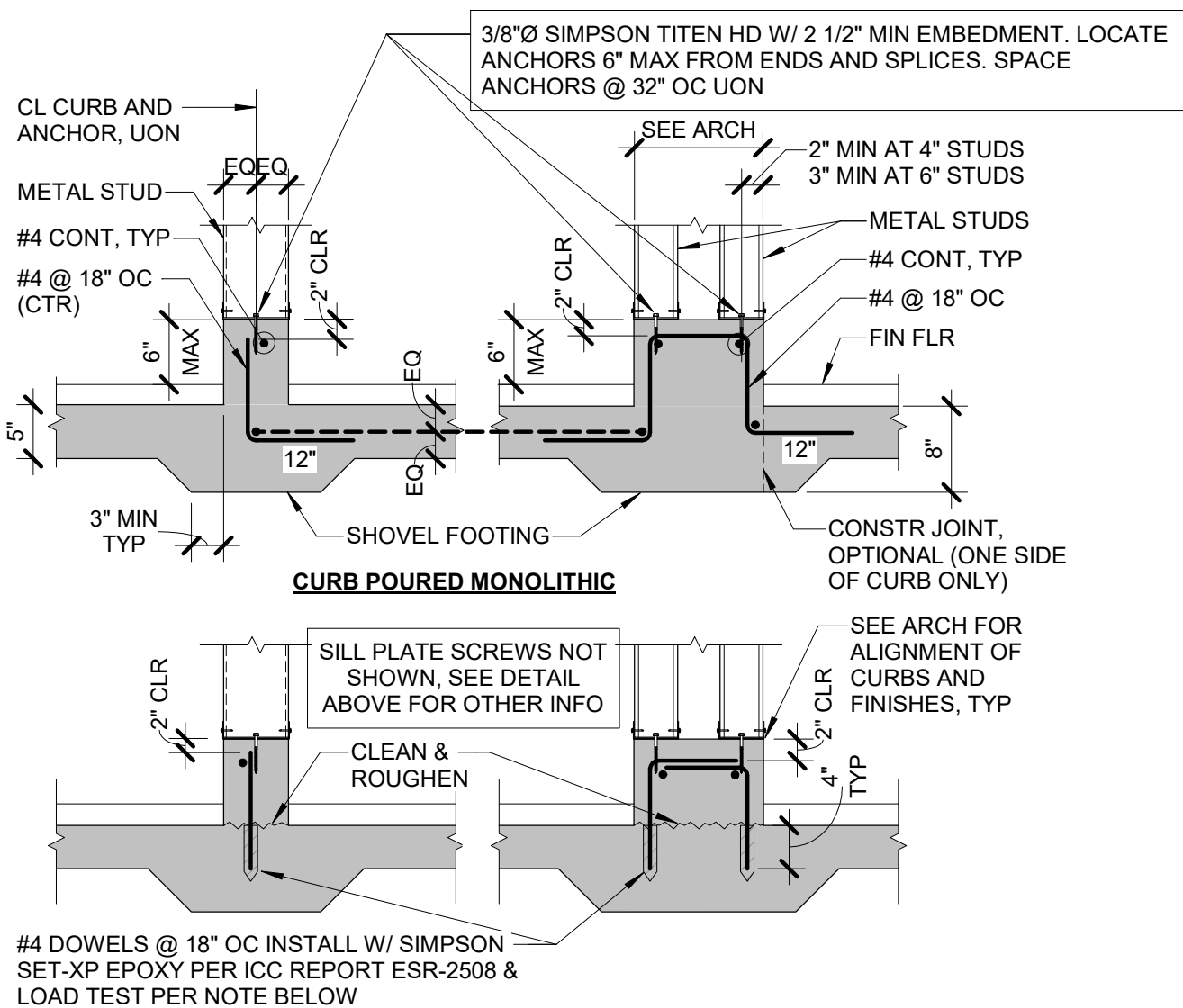


NOTE:
WHERE CLEAR DISTANCE BETWEEN SLEEVES IS IMPOSSIBLE, THIS AREA
SHALL BE TREATED AS AN OPENING PER "REINFORCING AT STRUCTURAL
CONCRETE SLAB OPENINGS" DETAIL - 5/54.0



1 TYP TRENCH DETAIL AT S.O.G.

NO SCALE

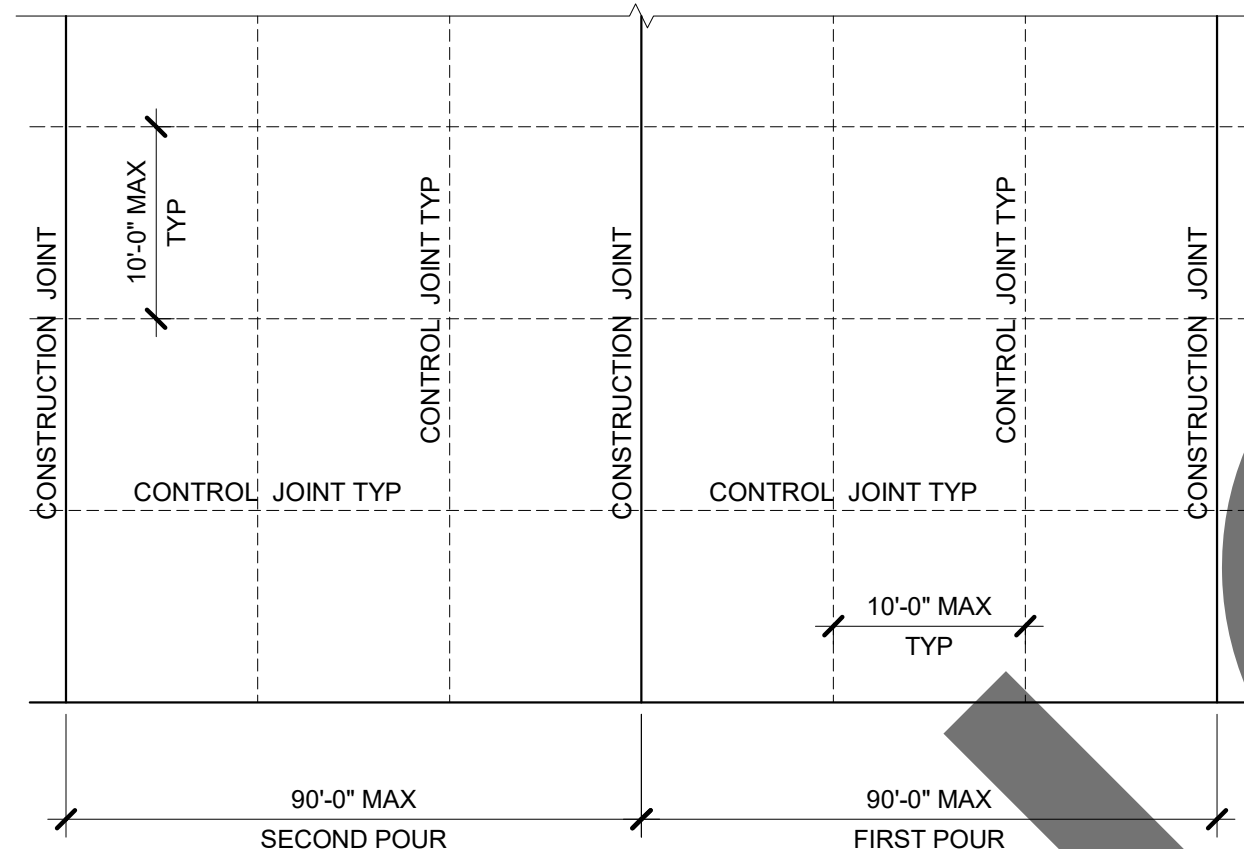


TESTING: TENSION TEST 25% OF ANCHORS TO 2400 LBS. IF ANY ANCHOR
FAILS TEST ALL ANCHORS NOT PREVIOUSLY TESTED UNTIL 20 CONSECUTIVE
ANCHORS PASS, THEN RESUME THE 25% TEST FREQUENCY.

3 CURB AT INTERIOR WALLS

NO SCALE

(NON-BEARING & NON-SHEAR)



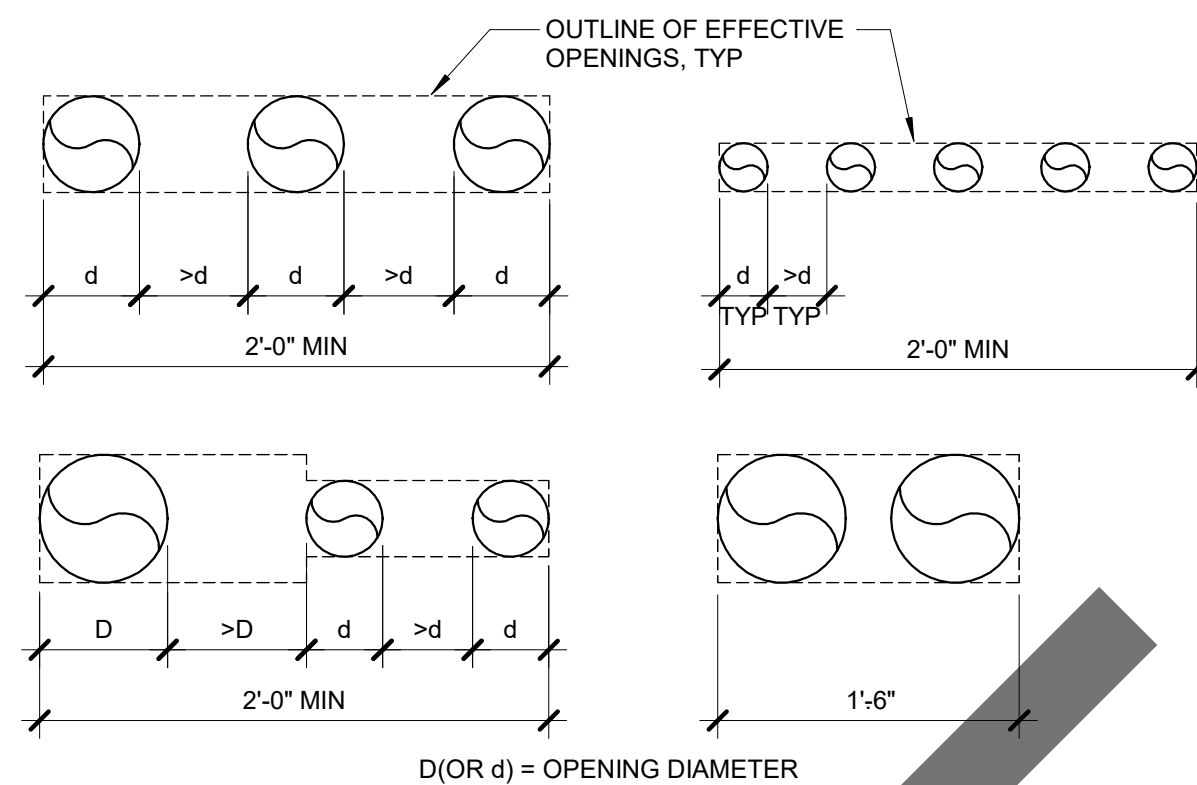
- NOTE:
- FOR CONSTRUCTION JOINT AND CONTROL JOINT, SEE DETAIL 9/S-300
 - WHERE PLAN CONFIGURATION DIFFERS FROM ABOVE, CONTRACTOR TO SUBMIT PROPOSED POUR SEQUENCE TO STRUCTURAL ENGINEER FOR APPROVAL
 - AVOID RE-ENTRANT CORNERS AT CONSTRUCTION & CONTROL JOINTS

6 STANDARD METHOD OF POURING SLAB ON GRADE

NO SCALE

2 PIPE AND CONDUIT IN OR THRU SLAB OR WALL

NO SCALE

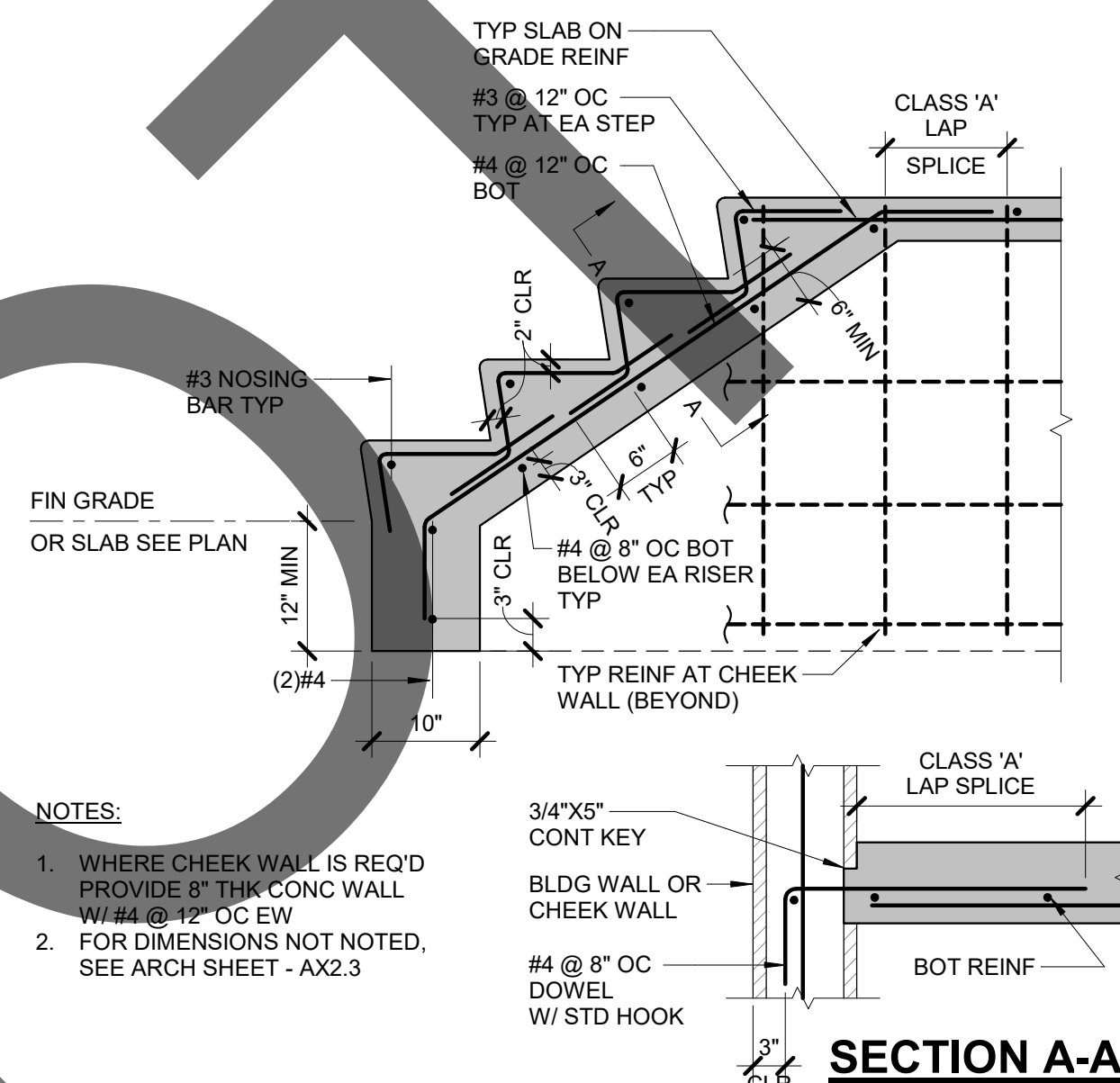


NOTE:
1. ALL ABOVE CONDITIONS REQUIRE (1) #5 T&B ADDED TRIM BARS ALL AROUND
THE EFFECTIVE OPENING EXTENDING 1'-8" BEYOND THE EFFECTIVE
OPENING EACH SIDE, TYP (DIAGONAL BARS ARE NOT REQUIRED)

WHERE SPACING OF OPENINGS IS < 3D

4 MULTIPLE OPENINGS IN CONCRETE SLAB

NO SCALE



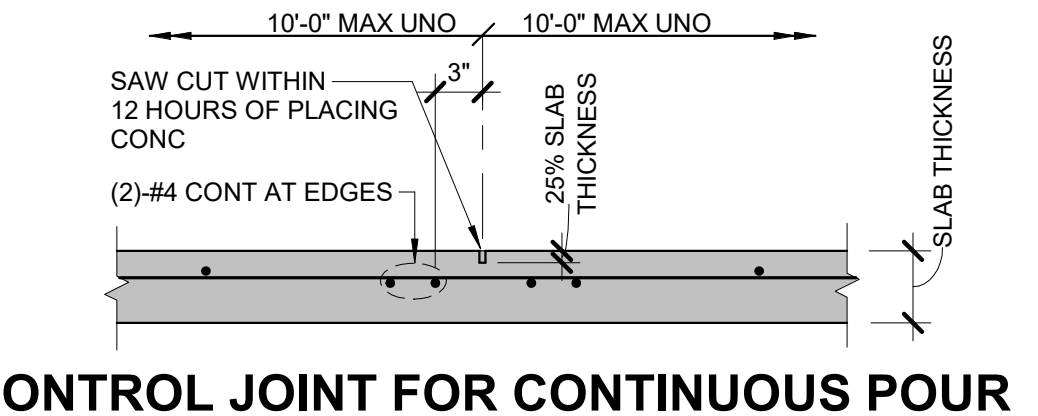
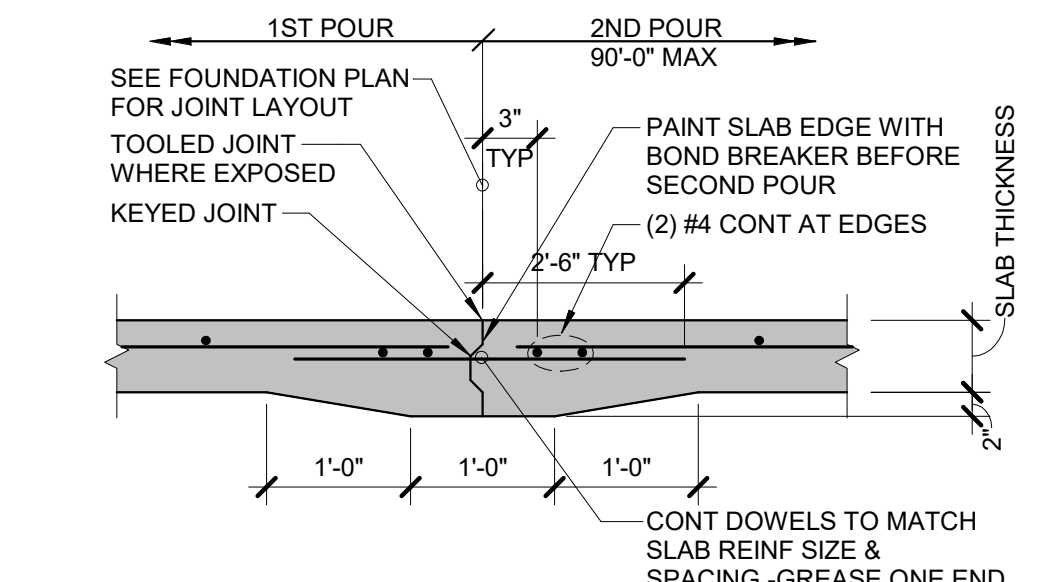
- NOTES:
- WHERE CHEEK WALL IS REQ'D PROVIDE 8" THK CONC WALL W/ #4 @ 12" OC EW
 - FOR DIMENSIONS NOT NOTED, SEE ARCH SHEET - AX2.3

7 CONCRETE STAIR ON GRADE

NO SCALE

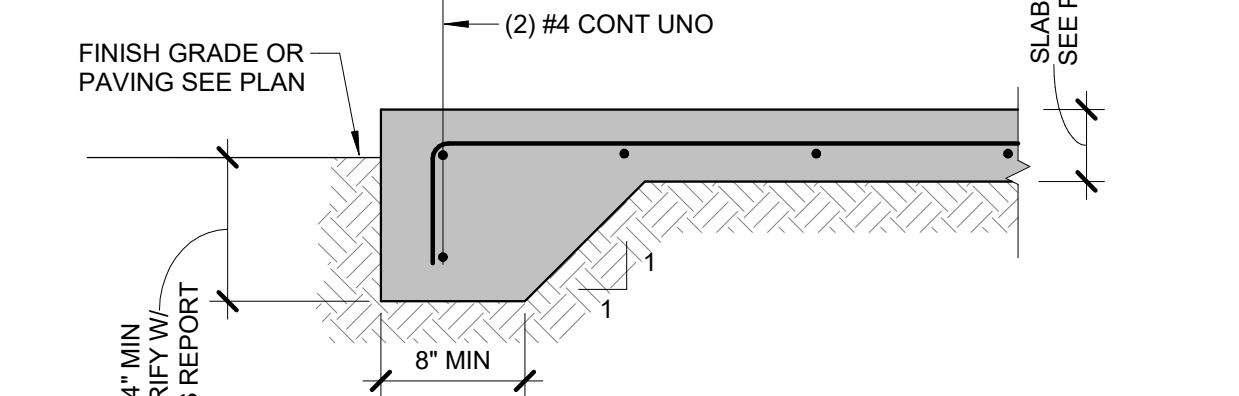
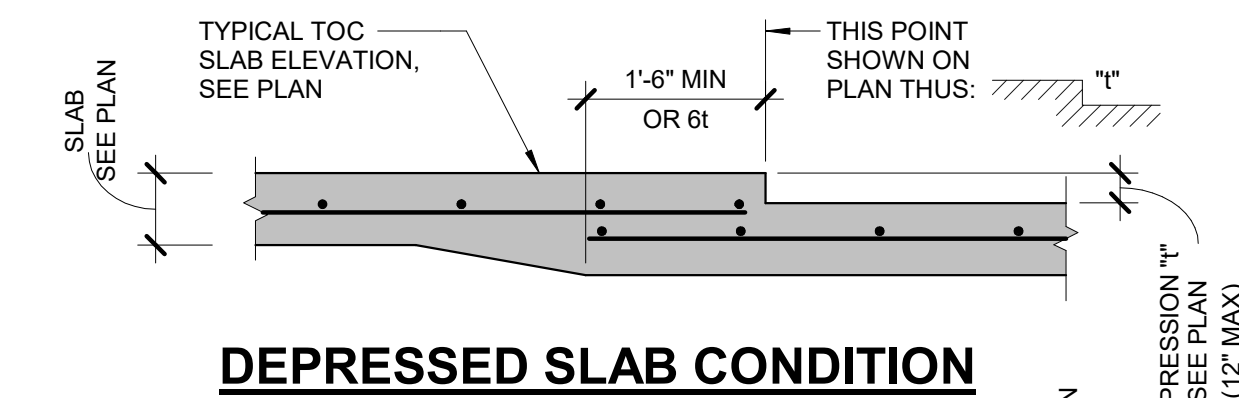
5 PIPES PERPENDICULAR TO GRADE BEAM OR FOOTING

NO SCALE



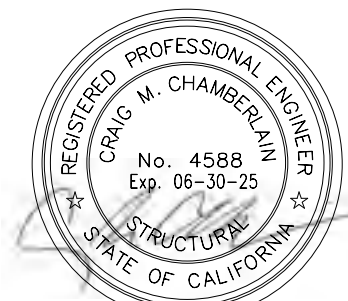
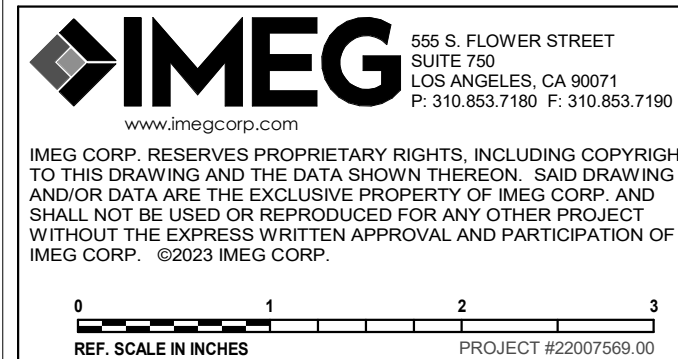
8 JOINTS IN CONC S.O.G.

NO SCALE



9 SLAB ON GRADE DETAIL

NO SCALE



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PROJECT INFORMATION
Project Number: 22007569.00
Drawn By: HYK
Checked By: JP
Issue Date: 06/12/2024

SHEET NAME

TYPICAL CONCRETE DETAILS

SHEET NUMBER

S-300

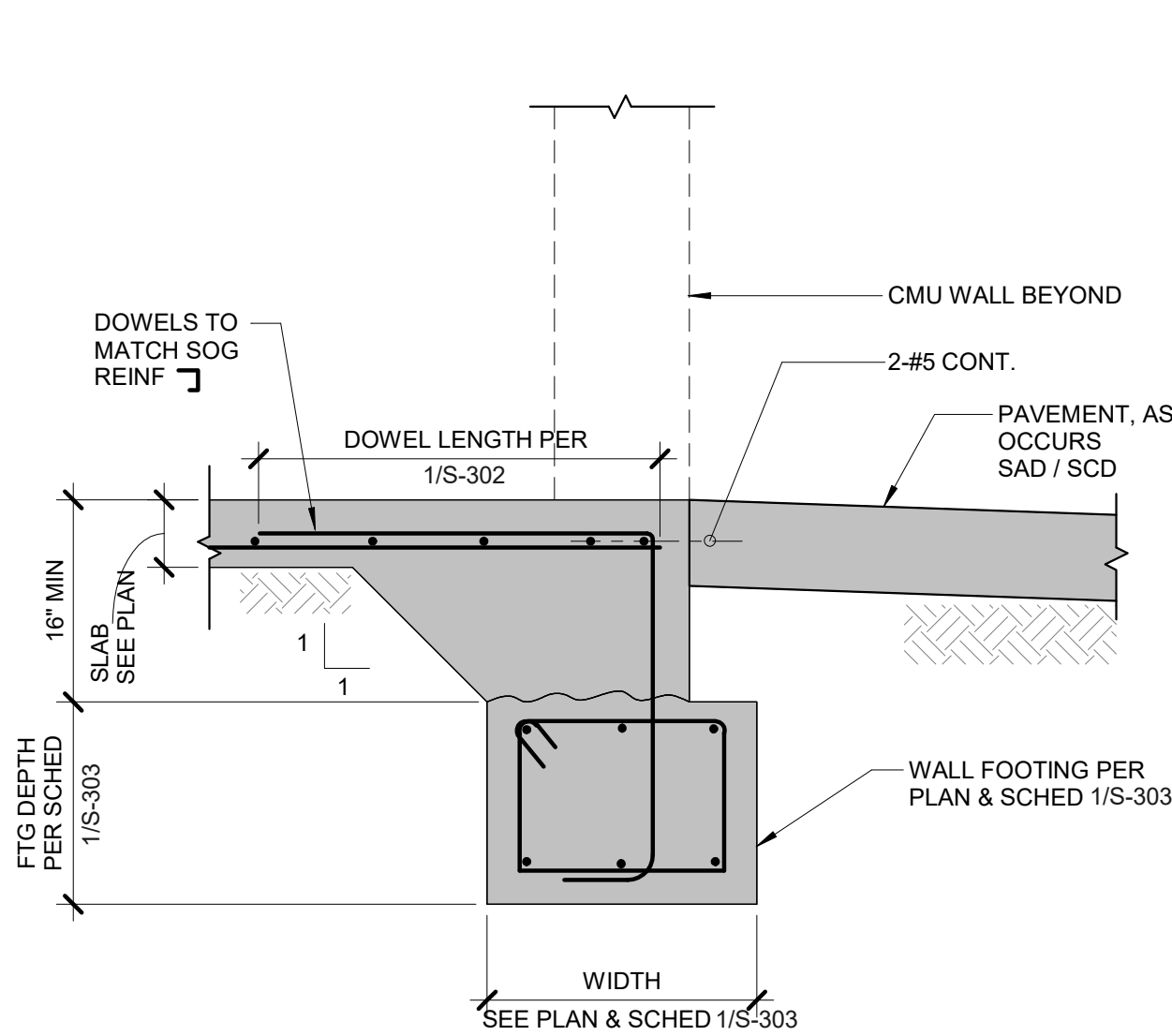
Sheet Of Sheets

FOOTING SCHEDULE									
MARK	SIZE			REINFORCING				REF DETAIL	REMARKS
	LENGTH	WIDTH	DEPTH	TOP REINFORCING	BOTTOM REINFORCING		TIES		
				LONGIT	TRANS	LONGIT	TRANS		
F2	2'-0"	2'-0"	1'-6"	-	-	(3)-#4	(3)-#4	---	
F3	3'-0"	3'-0"	1'-6"	-	-	(4)-#4	(4)-#4	---	
F3.5	3'-6"	3'-6"	1'-6"	-	-	(4)-#4	(4)-#4	---	
F4	4'-0"	4'-0"	1'-6"	-	-	(4)-#4	(4)-#4	---	
CF1.5	CONT.	1'-6"	1'-6"	(3)-#5	---	(3)-#5	---	#4 @ 24" OC	2/S-303
CF2.0	CONT.	2'-0"	1'-6"	(4)-#5	---	(4)-#5	---	#4 @ 16" OC	3/S-303
CF3.0	CONT.	3'-0"	2'-0"	(6)-#5	---	(6)-#5	---	#4 @ 16" OC	
CF3.5	CONT.	3'-6"	2'-6"	(6)-#7	---	(6)-#7	---	#4 @ 12" OC	
CF4.0	CONT.	4'-0"	3'-0"	(7)-#7	---	(7)-#7	---	#4 @ 12" OC	
CF5.0	CONT.	5'-0"	2'-0"	(7)-#5	---	(7)-#5	---	#4 @ 16" OC	

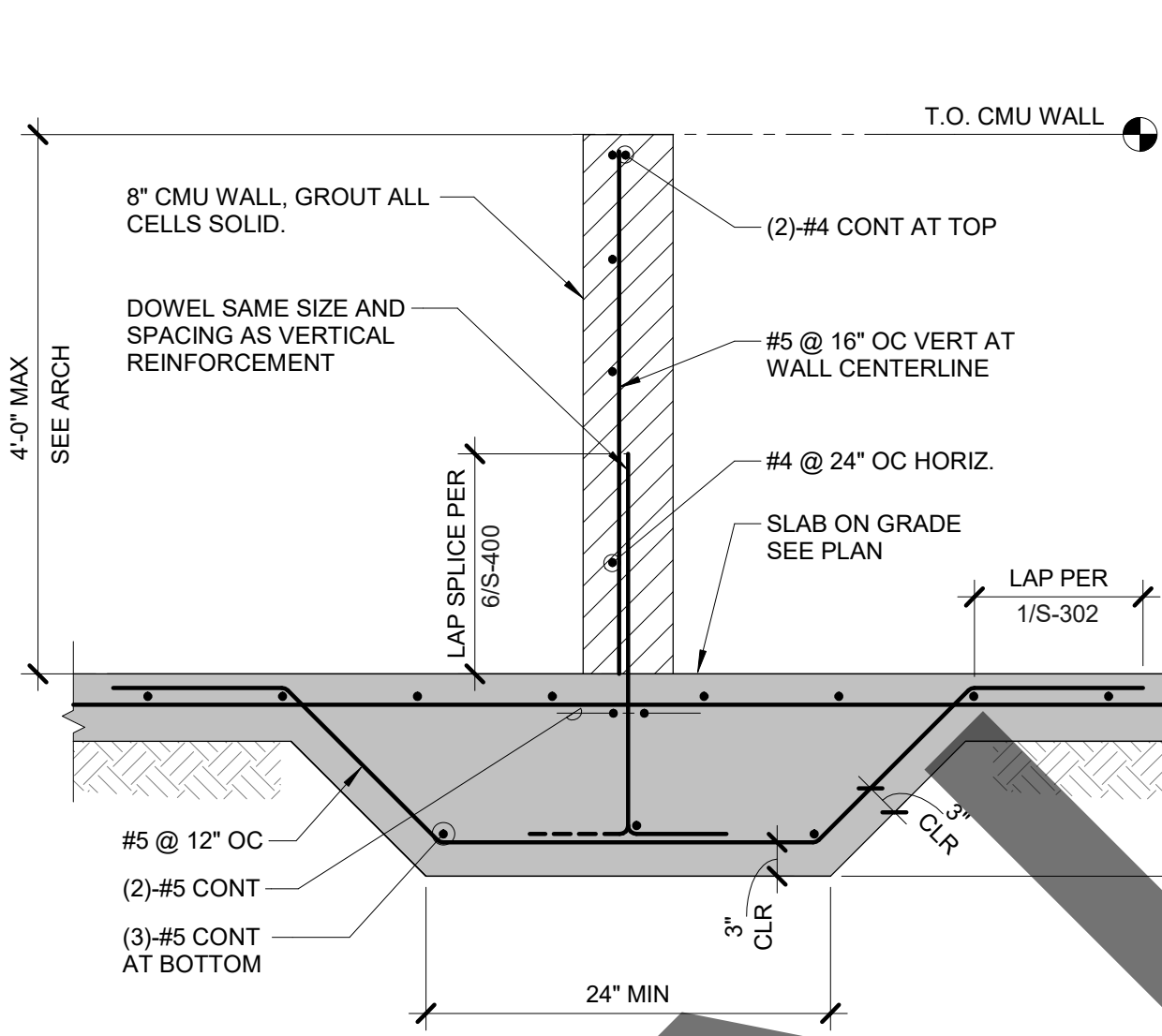
NOTES:

1. TRANSVERSE (TRANS) REIN IS PARALLEL TO WIDTH (SHORT DIMENSION)
2. LONGITUDINAL (LONG) REIN IS PARALLEL TO LENGTH (LONG DIMENSION)
3. PROVIDE SUPPLEMENTAL LONGITUDINAL BARS AT ALL STEEL COLUMNS AND AT CFS POSTS WITH HOLDOWNS PER

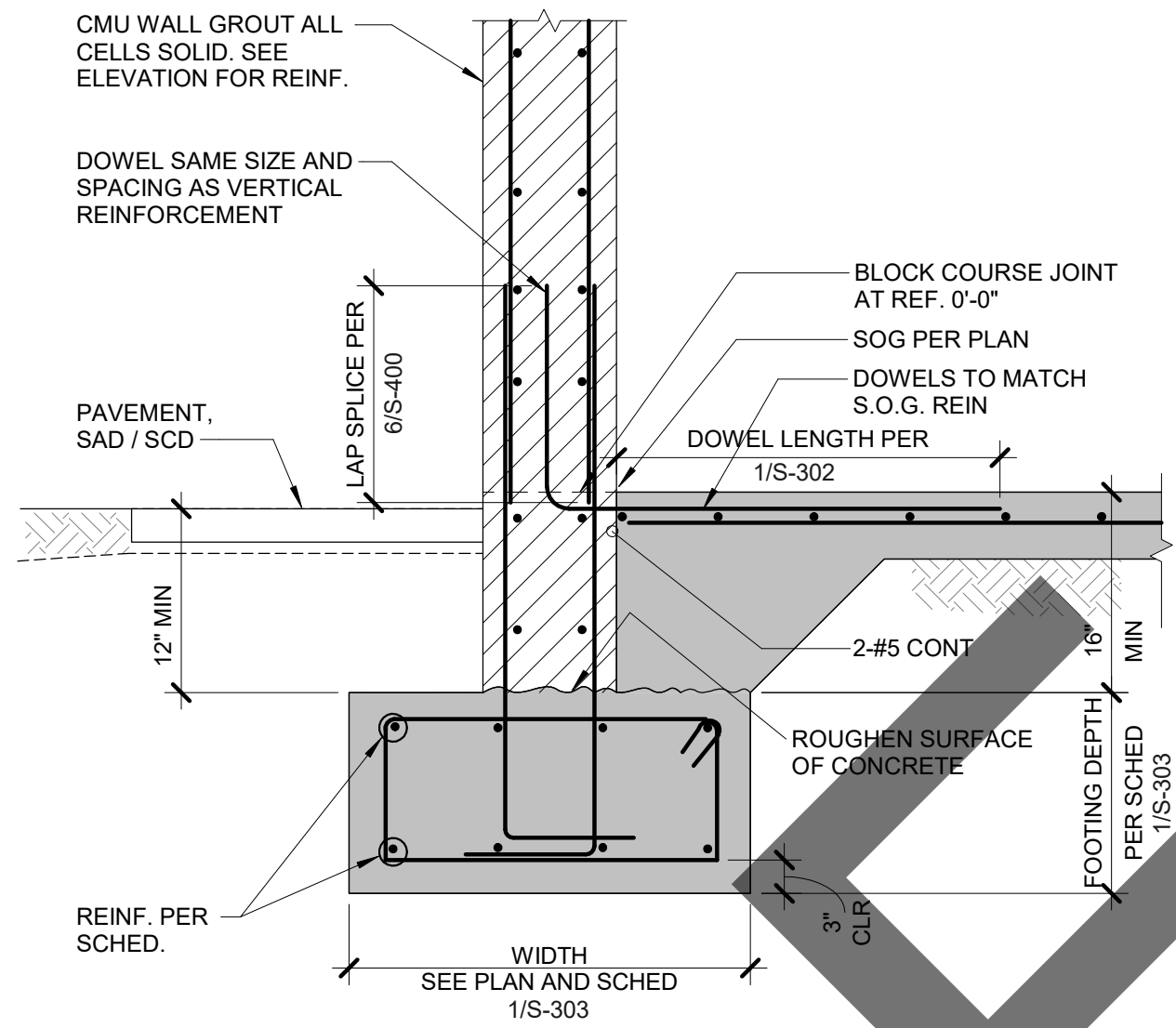
1 FOOTING SCHEDULE
3/4" = 1'-0"



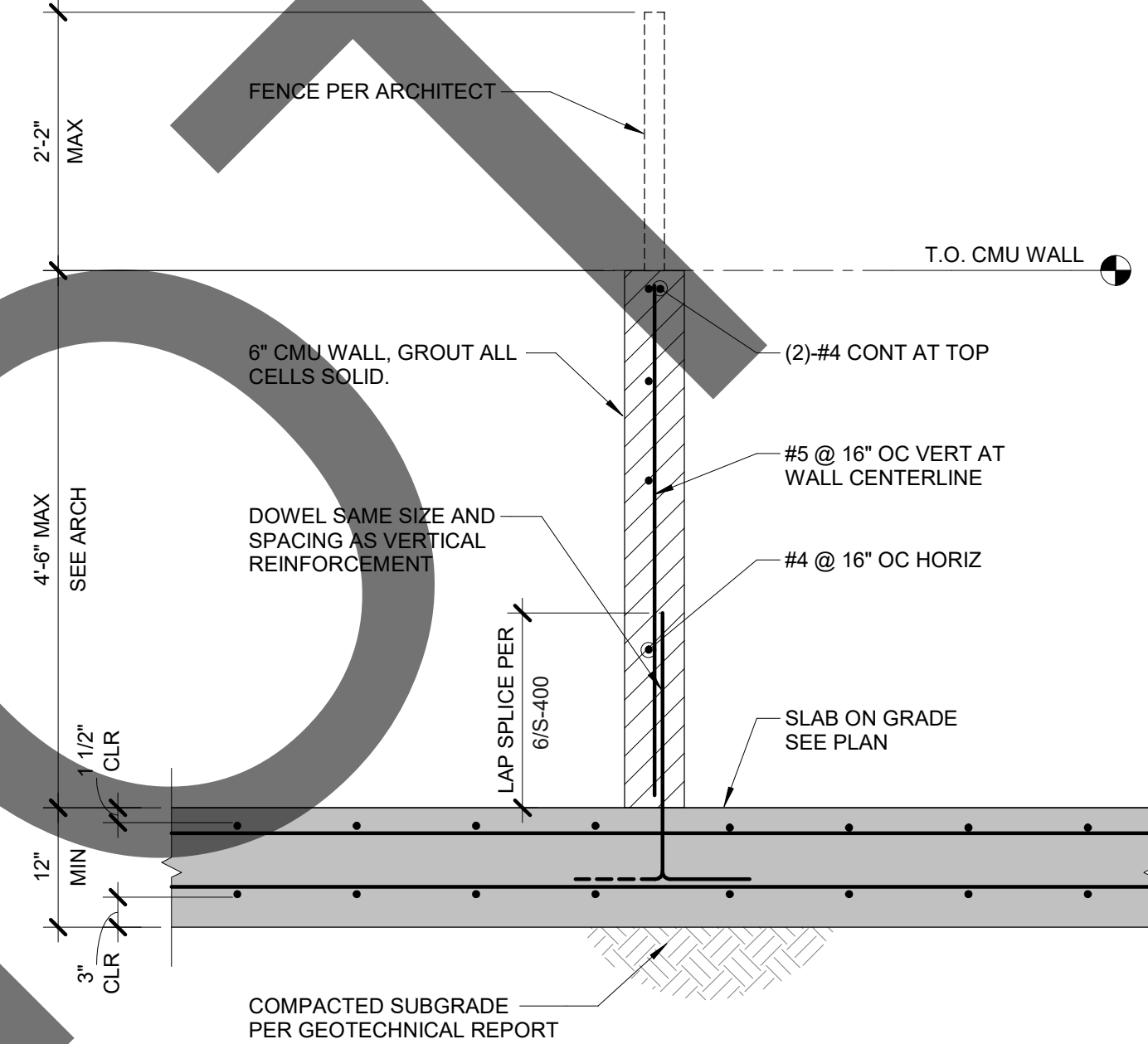
4 TYP SLAB DETAIL AT CMU OPENING
3/4" = 1'-0"



8 SECTION AT ADDOPTION COURTYARD WALL (BARK WALL)
3/4" = 1'-0"

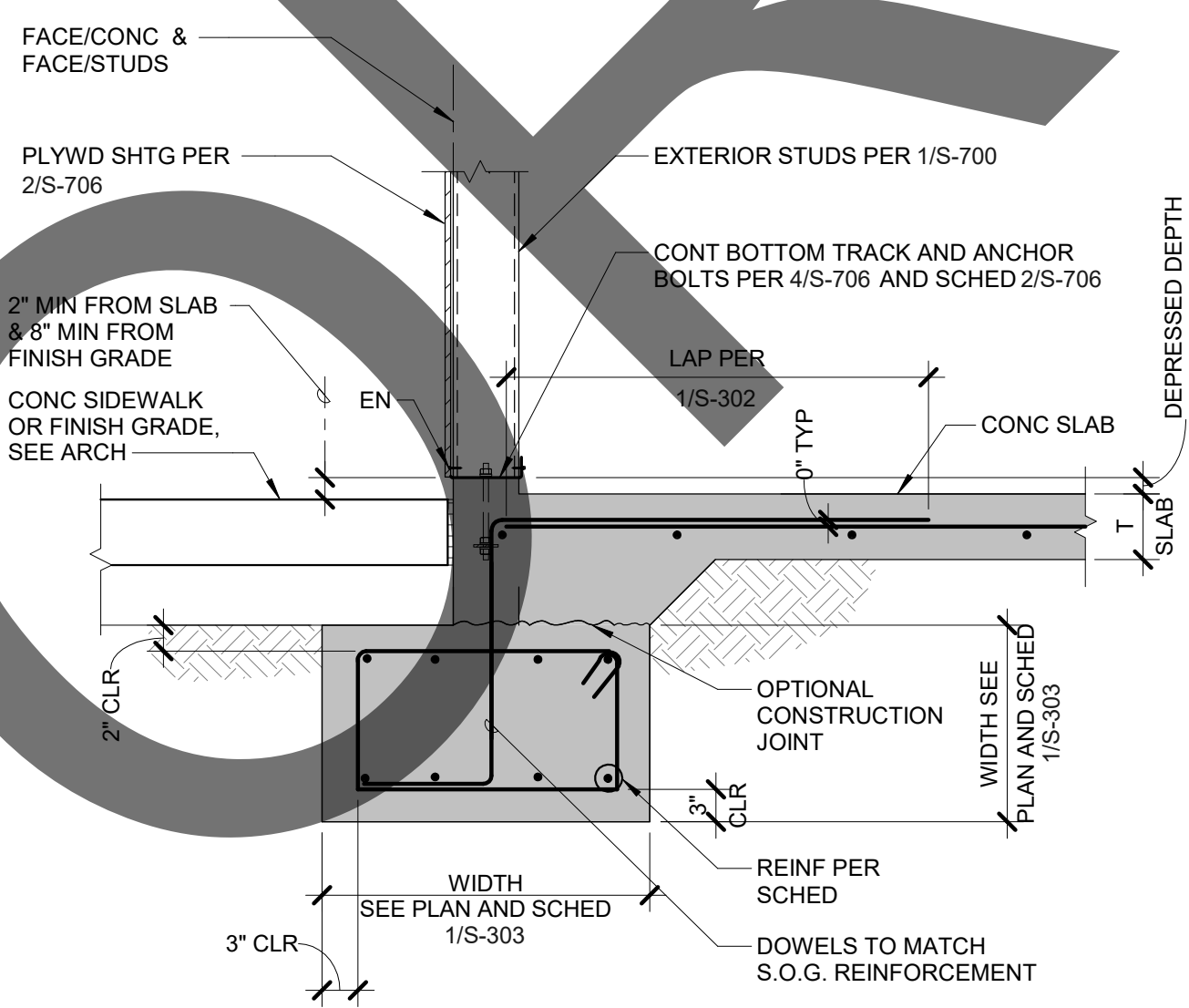


5 EXT 12" CMU WALL TO FTG WALL
3/4" = 1'-0"

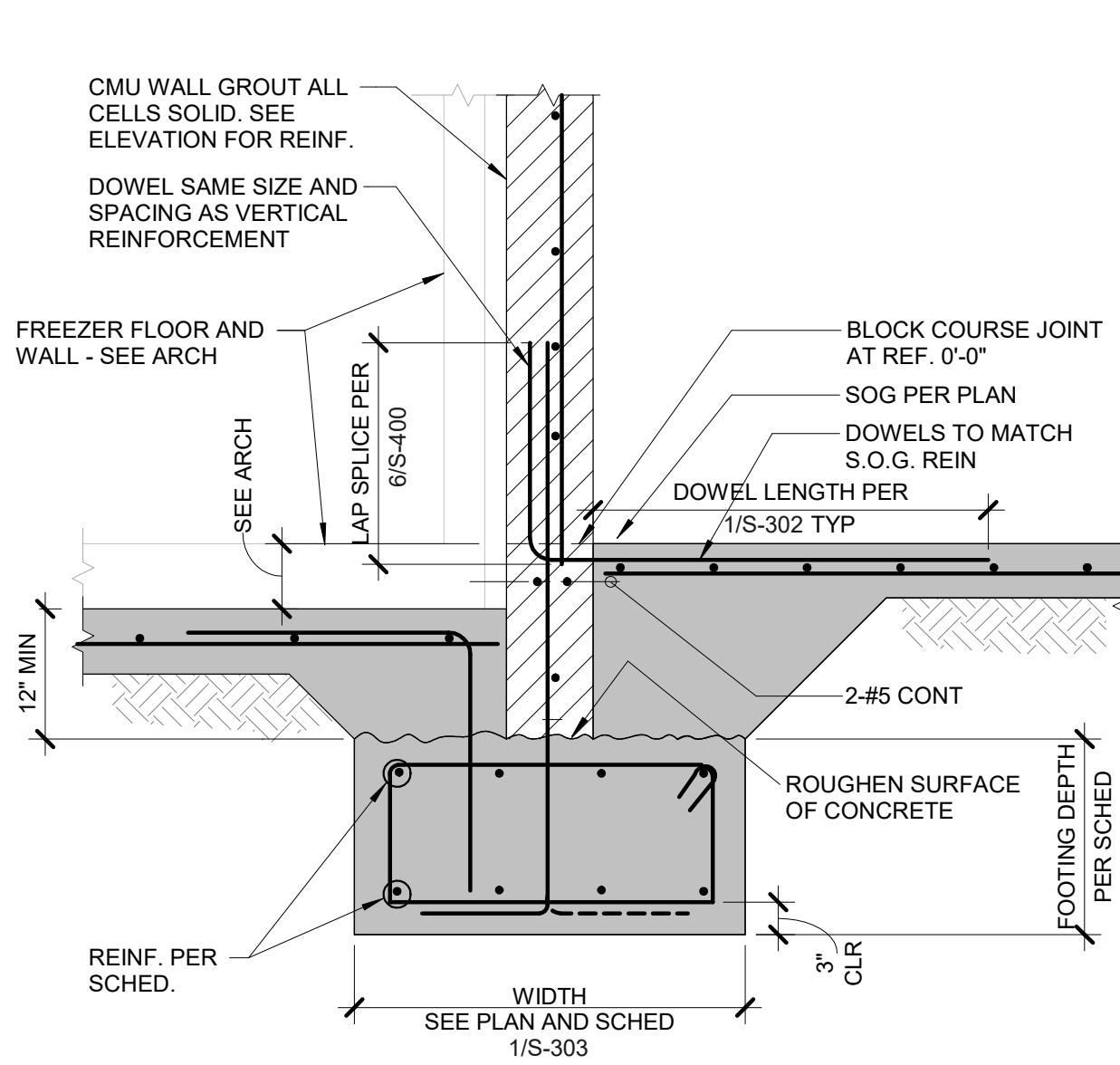


9 SECTION AT OUTDOOR RUNS
3/4" = 1'-0"

2 INT 8" CMU WALL TO FTG WALL
3/4" = 1'-0"

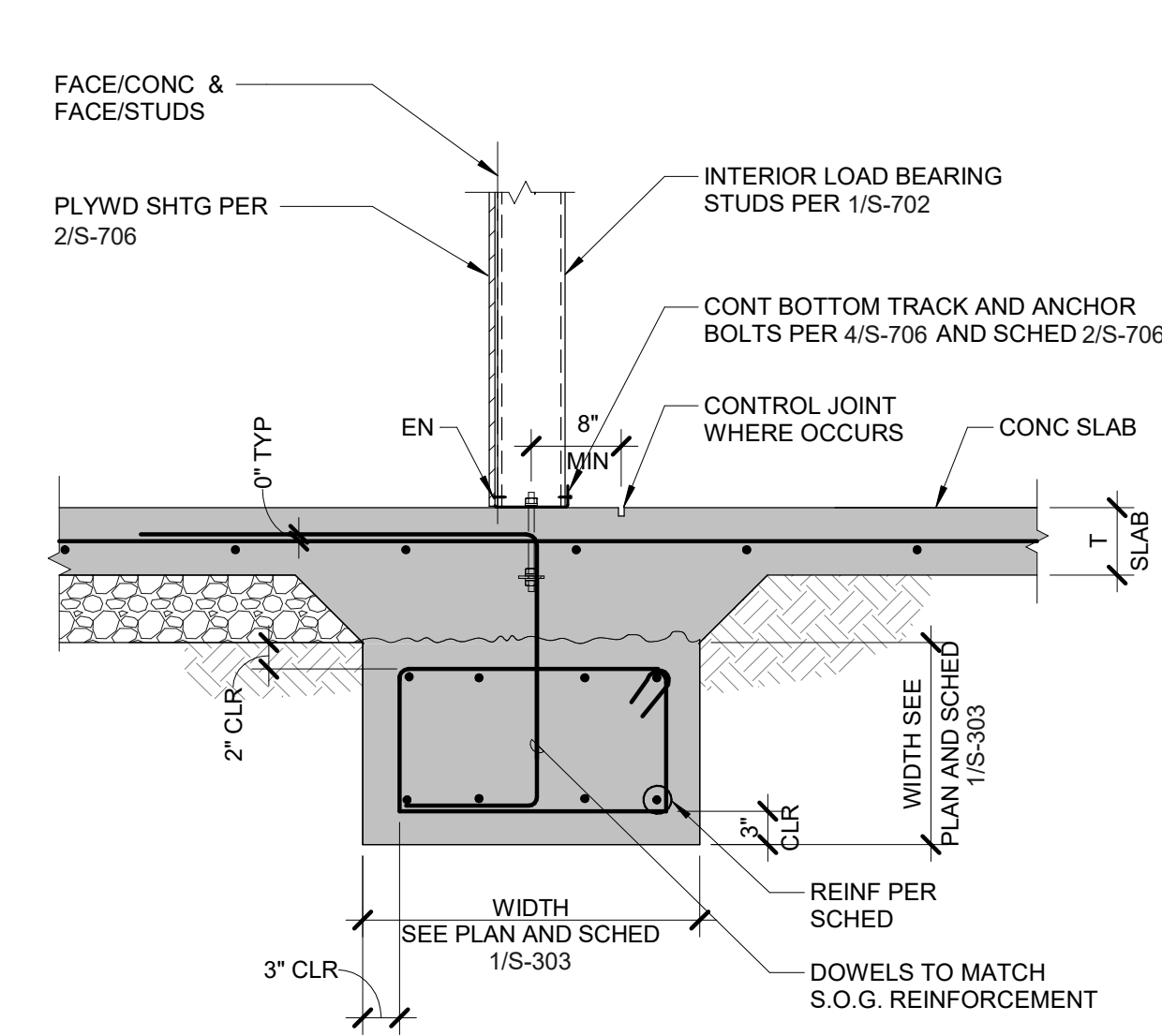


6 TYP. EXTERIOR WALL FTG
3/4" = 1'-0"

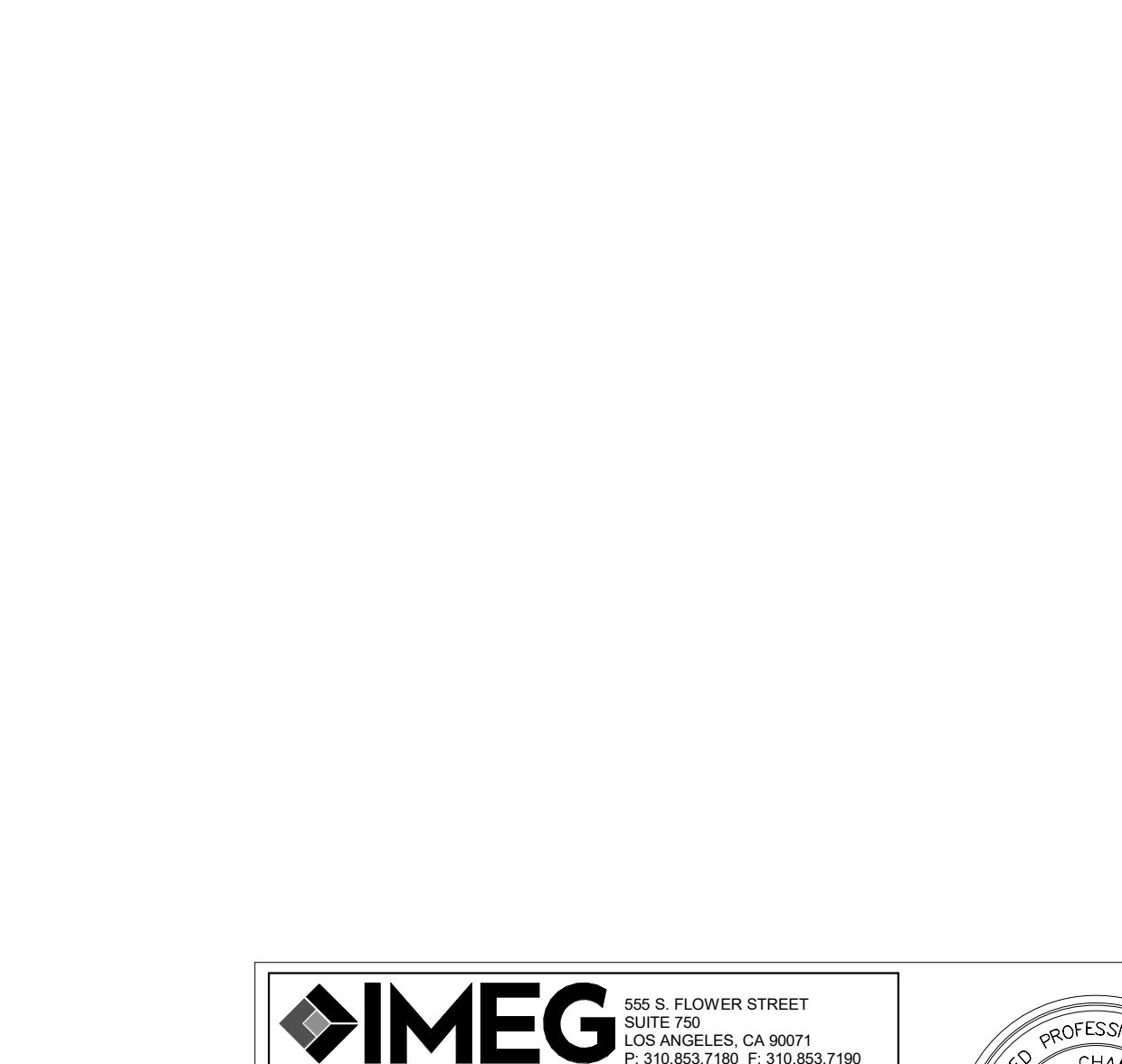


10 SECTION AT FREEZER WALL
3/4" = 1'-0"

3 EXT 8" CMU WALL TO FTG WALL
3/4" = 1'-0"



7 TYP. INTERIOR WALL FTG
3/4" = 1'-0"



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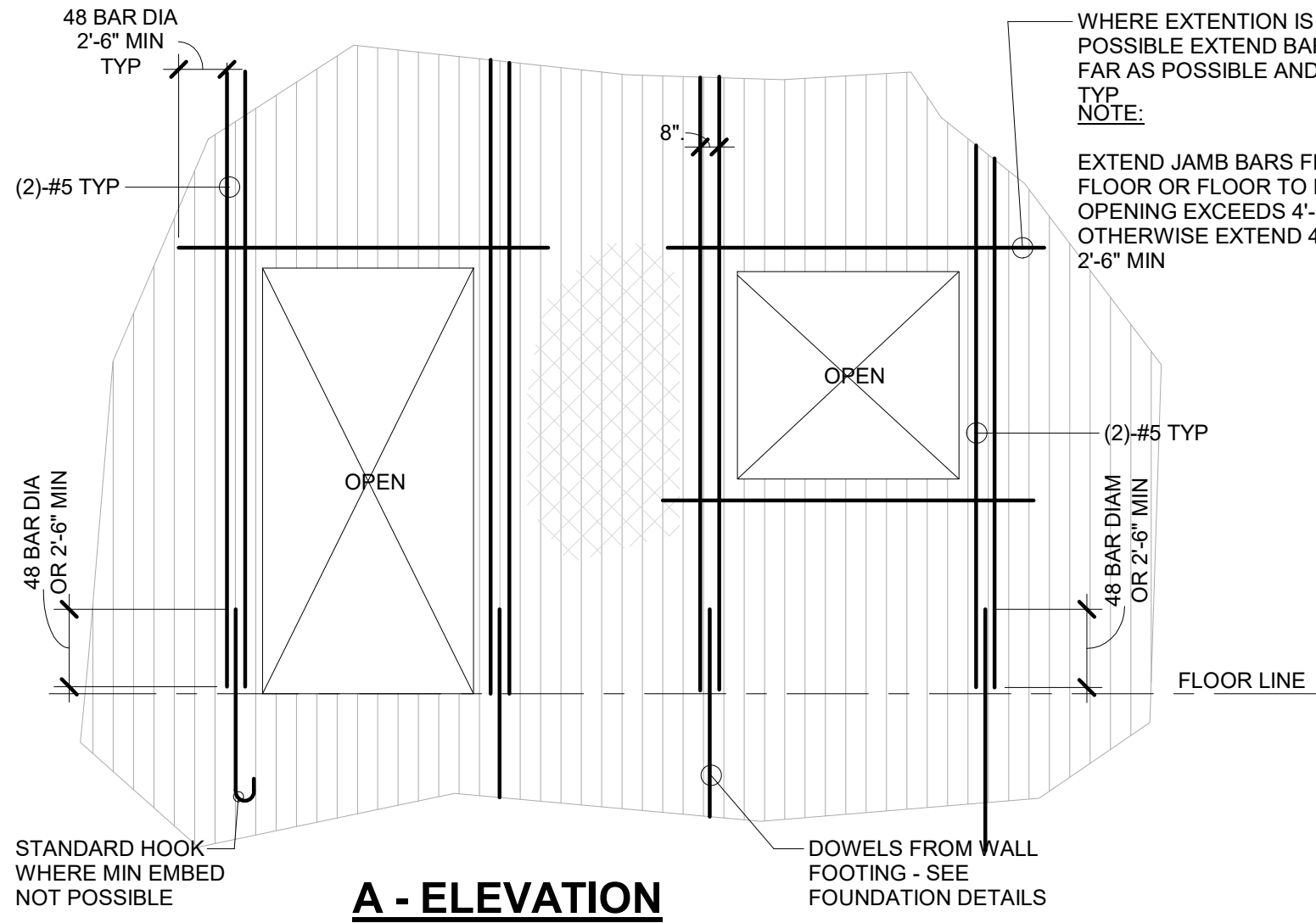
REVISIONS/ADDENDA		
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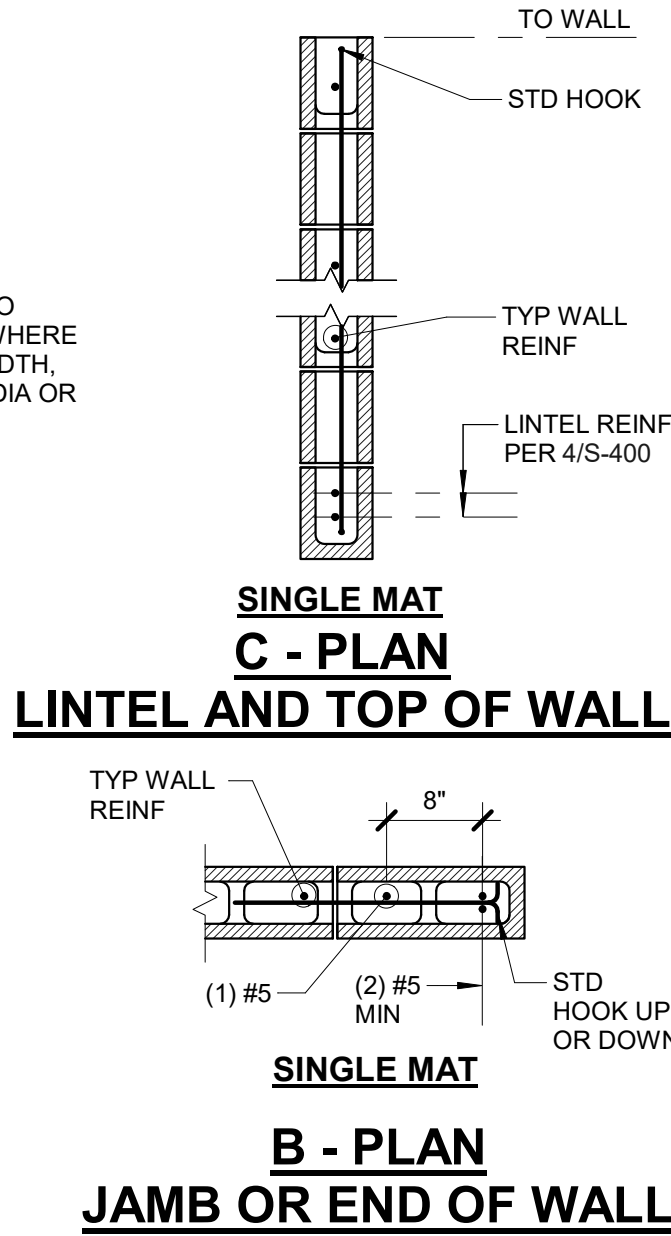
PROJECT INFORMATION
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Drawn By: HYK
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SHEET NAME
TYPICAL CONCRETE DETAILS

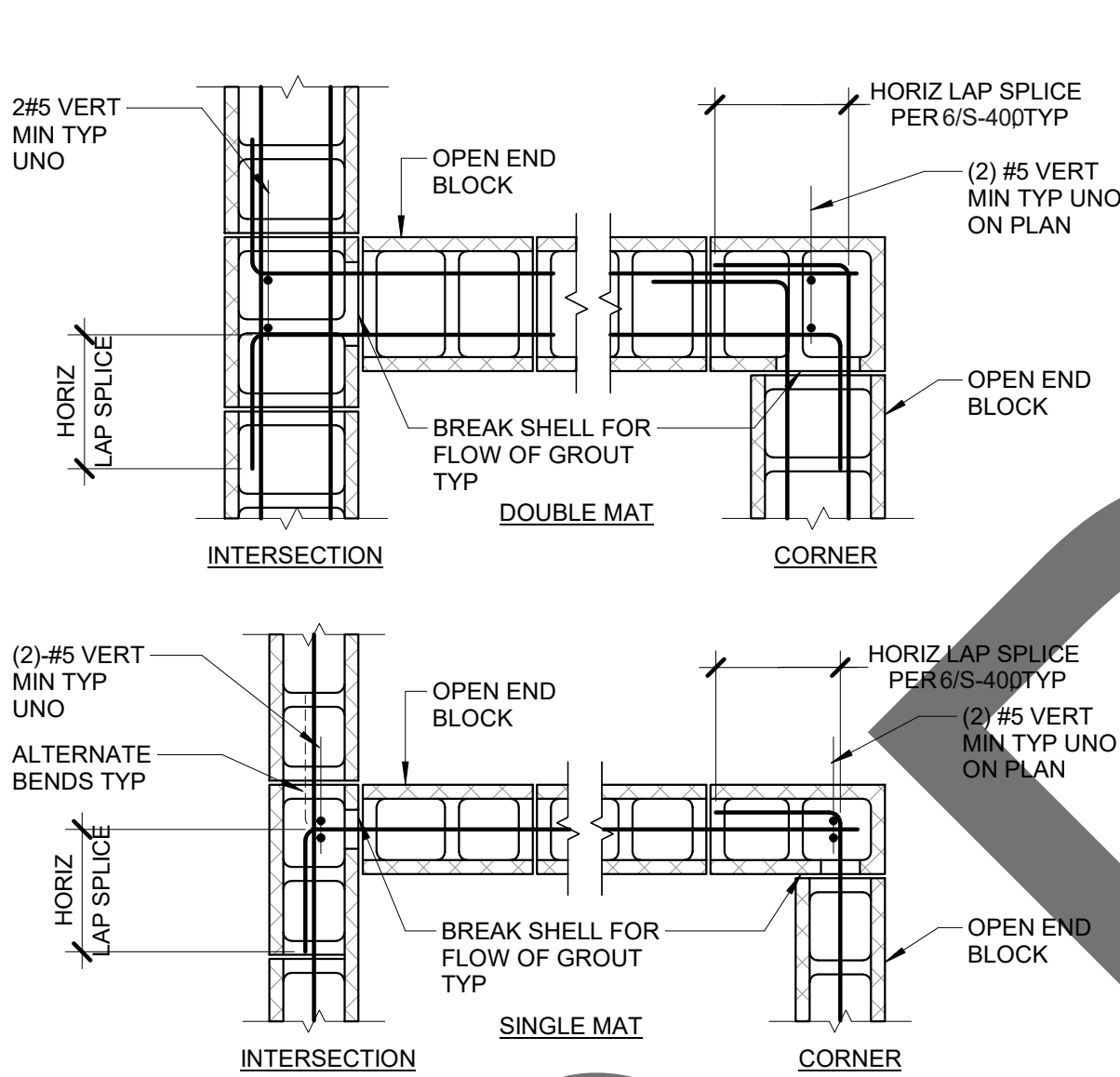
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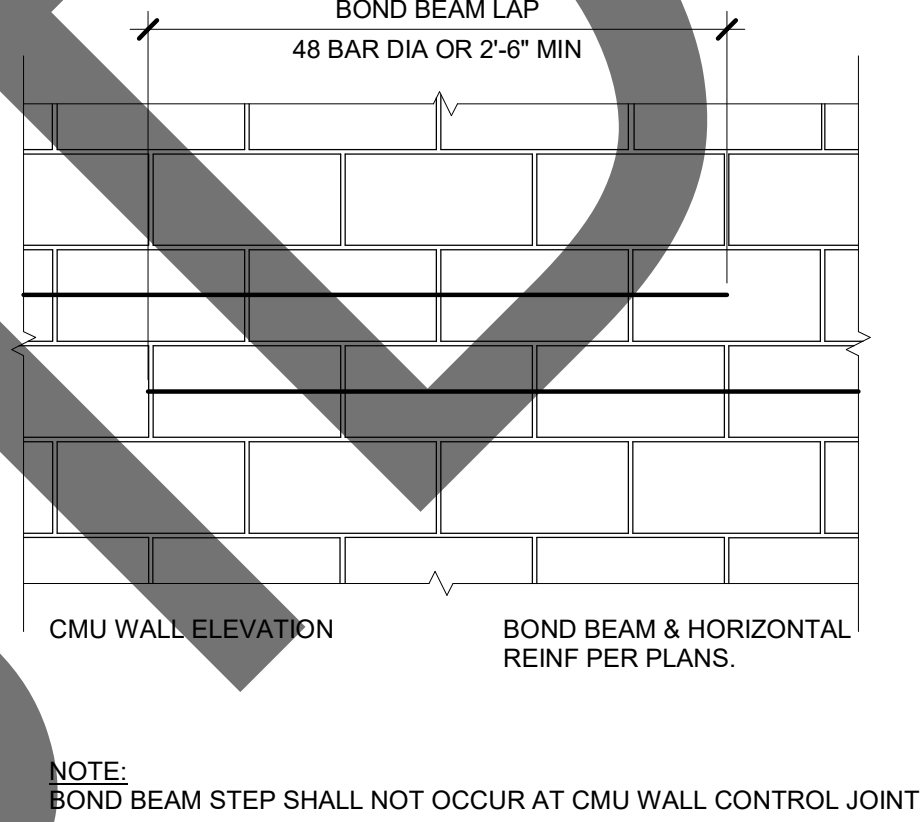
A - ELEVATION



B - PLAN
JAMB OR END OF WALL



REINFORCING AT CMU
WALL INTERSECTION

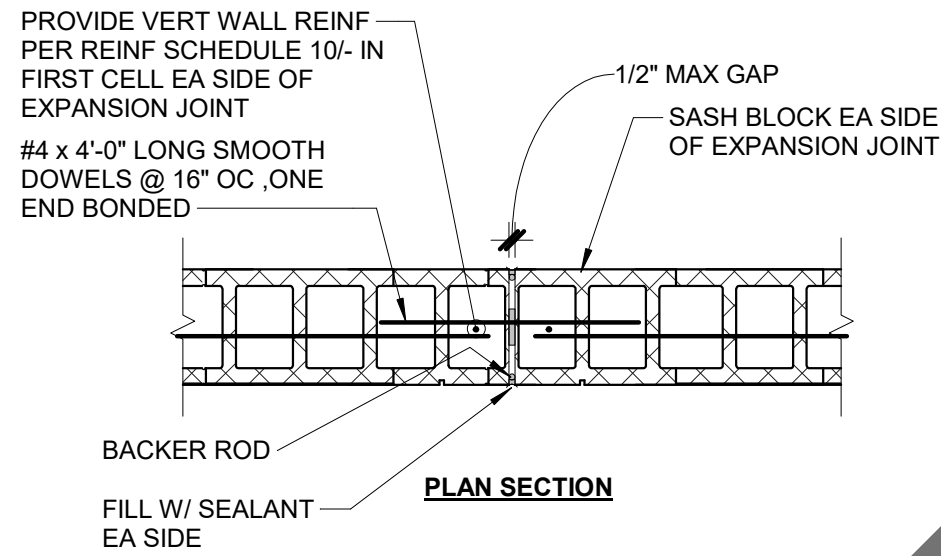
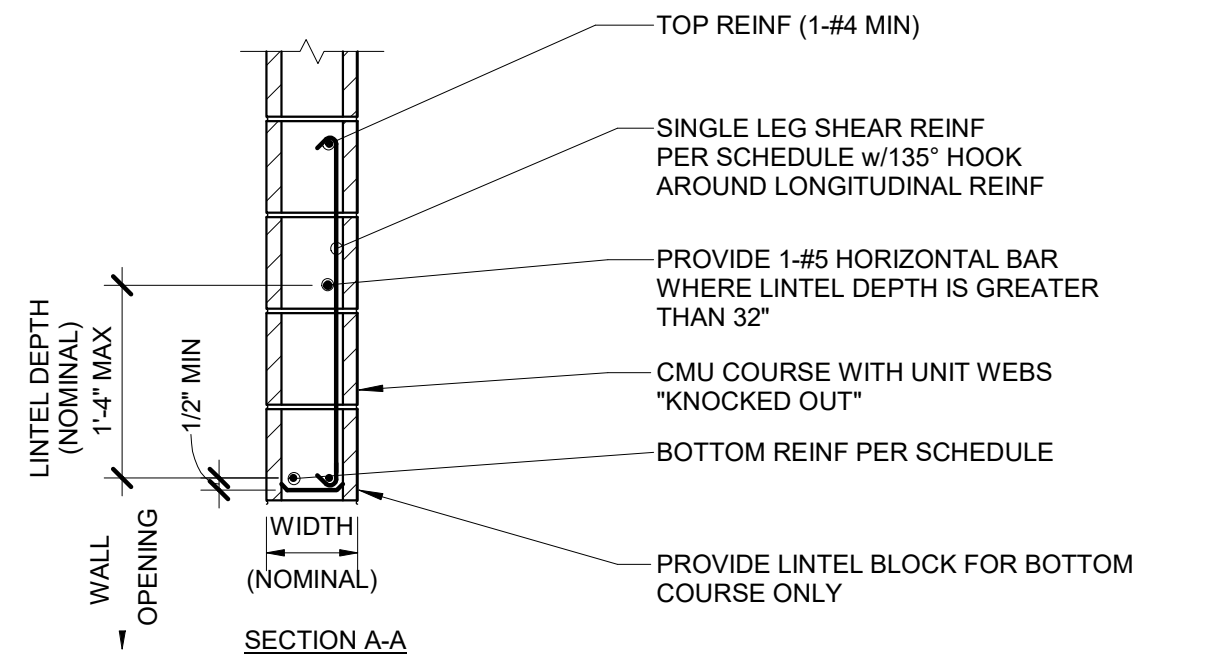


BOND BEAM STEP DETAIL

1 MIN MASONRY WALL OPENING REINFORCING
NO SCALE

2 WALL INTERSECTION
NO SCALE

3 BOND BEAM STEP DETAIL
NO SCALE

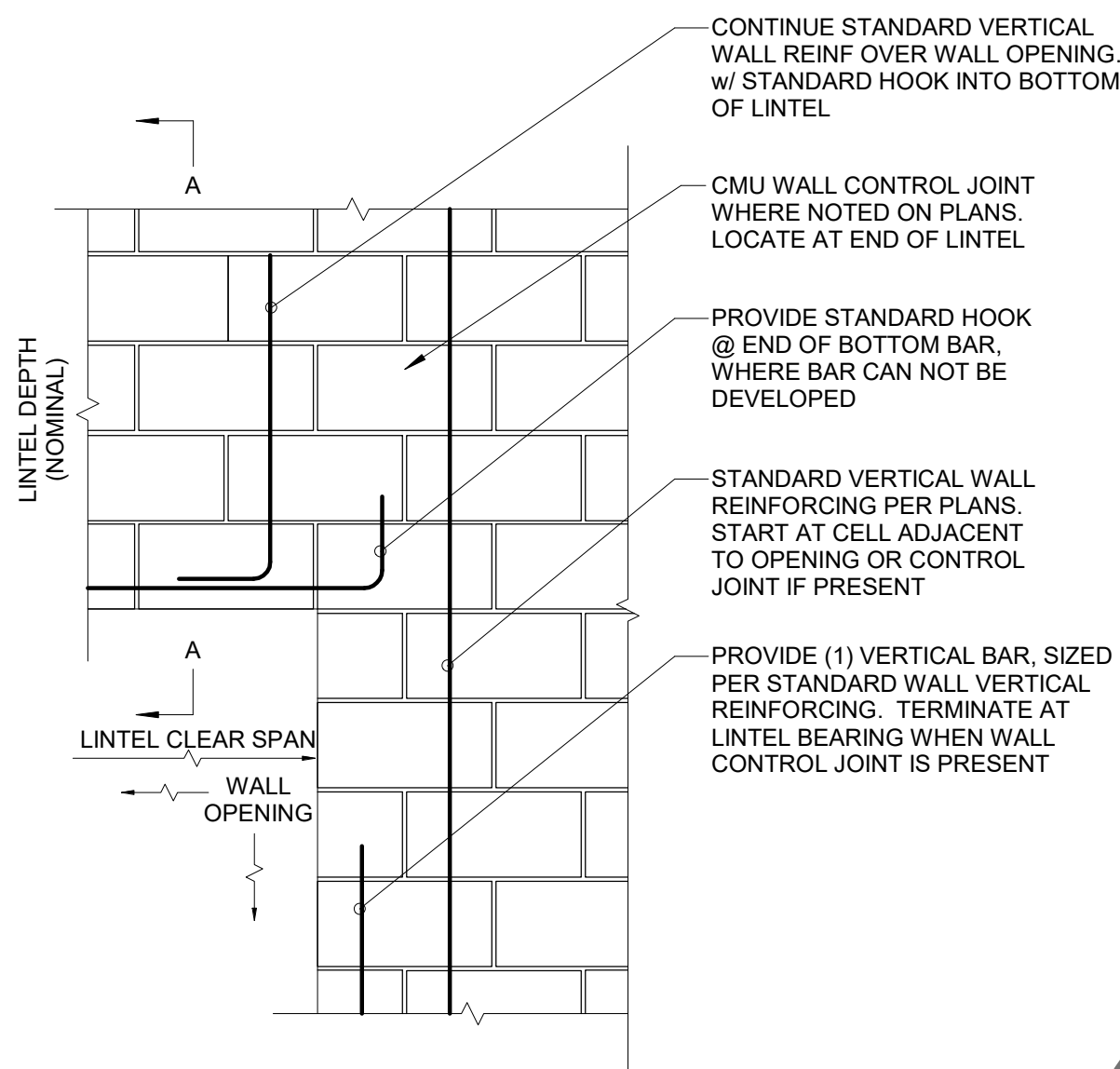


CMU REINFORCING BAR DEVELOPMENT LENGTH (L _d) SCHEDULE				
f'm=2000 PSI				
CMU THICKNESS	REINFORCING LOCATION	BAR SIZE	L _d	REMARKS
8"	SINGLE LAYER, REINF CENTERED IN WALL	#4	13"	NOTE 5
		#5	20"	
		#7	52"	

- NOTES:
- CONTRACTOR TO PROVIDE LAP SPlice LENGTHS TO MATCH L_d VALUES PROVIDED IN SCHEDULE OR USE MECHANICAL SPLICES ADEQUATE FOR 125% OF SPECIFIED YIELD STRENGTH OF THE BAR.
 - WHERE TWO DIFFERENT SIZES OF REINFORCING BARS ARE LAPPED, PROVIDE L_d FOR SMALLER REINFORCING BAR.
 - DOWEL EMBEDMENT INTO CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF THE CAST-IN-PLACE CONCRETE GENERAL NOTES.
 - WHEN EPOXY-COATED REINFORCING BARS ARE USED, INCREASE TABULATED VALUES BY A FACTOR OF 1.5.
 - MORTAR FINS TO BE REMOVED.

INTERIOR CMU WALL REINFORCING SCHEDULE				
WALL THICKNESS	MAXIMUM HEIGHT	BAR SIZE AND SPACING EACH MAT		REMARKS
		VERTICAL	HORIZONTAL (SEE NOTE 3)	
8"	21'-6"	#5 @ 16" OC	#4 @ 24" OC	SINGLE MAT

- NOTES:
- THE ABOVE SCHED SHALL BE MIN REINF FOR ALL BUILDING CMU WALLS.
 - PLACE HORIZ BAR IN BOND BEAM UNIT, TYP.
 - LOCATE FIRST LAYER OF HORIZ BARS AT 8" MAX FROM BASE OF WALLS AND FROM TOP AND BOTTOM OF WALL OPENINGS.
 - PROVIDE (2) #5 CONT REBARS AT BOND BEAM, TYP.



5 CMU WALL EXPANSION JOINT
NO SCALE

6 BAR DEVELOPMENT LENGTH (L_d) SCHEDULE f'm2000
NO SCALE

7 INTERIOR CMU WALL REINFORCING SCHEDULE
NO SCALE

LINTEL CLEAR SPAN	8" CMU LINTEL WIDTH		
	LINTEL DEPTH (IN)	BOTTOM REINF	SHEAR REINF
3'-0"	8	(2)#4	NONE
6'-0"	16	(1)#3 @ 8"OC*	
8'-0"	24	(2)#5	(1)#3 @ 8"OC
10'-0"	32	(2)#5	(1)#4 @ 8"OC
12'-0" TO 16'-0"	48	(2)#5	(1)#4 @ 8"OC

- NOTES:
- PROVIDE 8" BEARING FOR LINTELS.
 - SOLID GROUT LINTELS, INCLUDING HEAD JOINT FOR DEPTH OF LINTEL SPECIFIED.
 - PROVIDE CLEAR DISTANCE BETWEEN PARALLEL BARS 1" OR MORE.
 - PROVIDE 1/2" OR GREATER GROUT SPACE BETWEEN MASONRY AND REINFORCEMENT.
 - WHERE TWO OPENINGS ARE SEPERATED BY LESS THAN 1'-4" PROVIDE CONTINUOUS LINTEL BEAM OF LARGER OPENING W/(2) #5 BARS AS TOP REINFORCING BOTTOM AND SHEAR REINFORCING PER SCHEDULE.
 - AT PARTITION WALLS (*) SHEAR REINFORCING NOT REQUIRED.

4 TYPICAL CMU LINTEL
NO SCALE

- NOTES:
- MINIMUM BOLT SPACING SHALL BE 8 BOLT DIAMETERS WITH A MINIMUM EDGE DISTANCE OF 6 DIAMETER AND WITH A MINIMUM OF 6" TO END OF WALL.
 - BOLTS SHALL BE ASTM A307 HEADED HEX HOLTS OR A36 PLAIN ROD WITH TREADED ENDS AND DOUBLE HEX NUTS.
 - BOLTS SHALL BE ACCURATELY SET WITH TEMPLATES AND HEAD IN PLACE TO PREVENT DISLOCATION DURING GROUTING.

8 BOLT EMBEDMENT SCHEDULE
NO SCALE

BOLT SIZE	EMBEDMENT
1/2"	4"
5/8"	5"
3/4"	6"
7/8"	6"
1"	7"
1 1/8"	8"

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PROJECT #22007569.00



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385 N. ARROWHEAD AVENUE
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PHONE: 1-888-818-8968

PROJECT INFORMATION

Project Number: 22007569.00
Drawn By: HYK
Checked By: JP
Issue Date: 06/12/2024

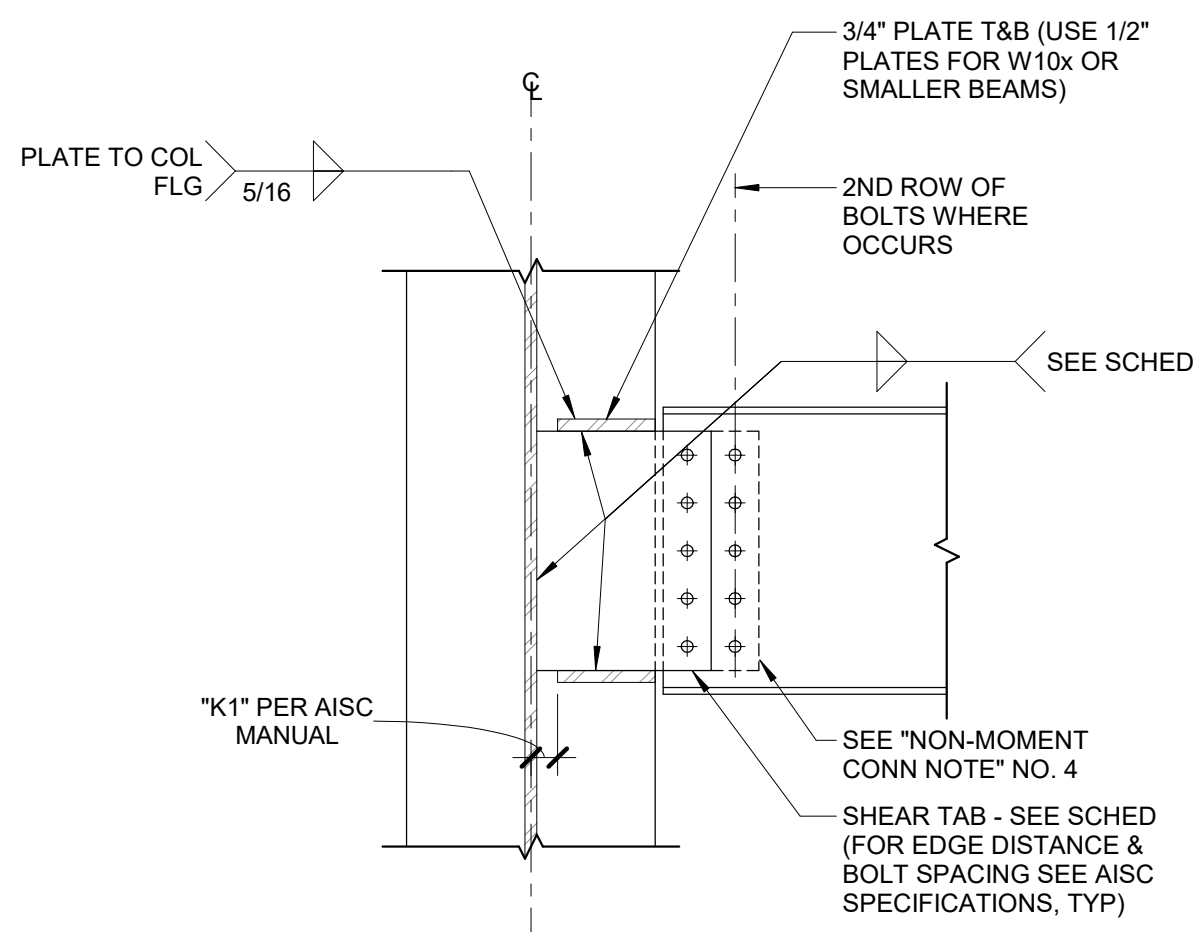
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TYPICAL CMU DETAILS

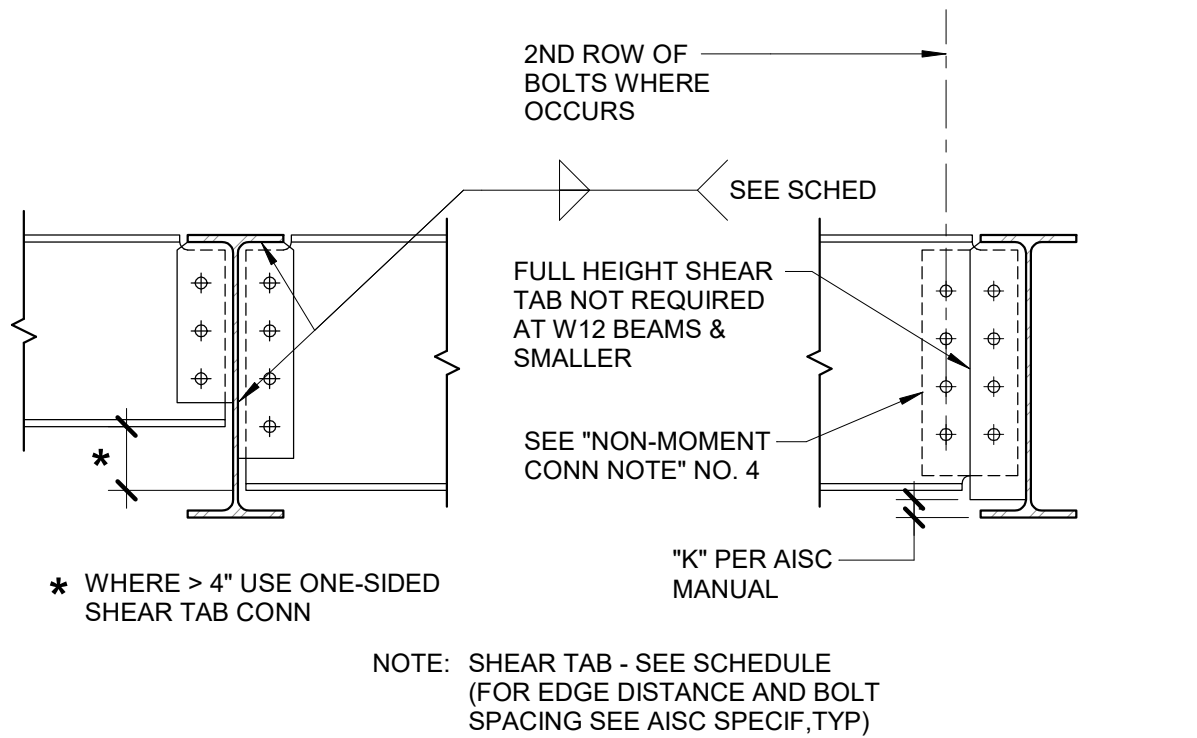
SHEET NUMBER

S-400

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D BEAM TO COLUMN WEB CONNECTION

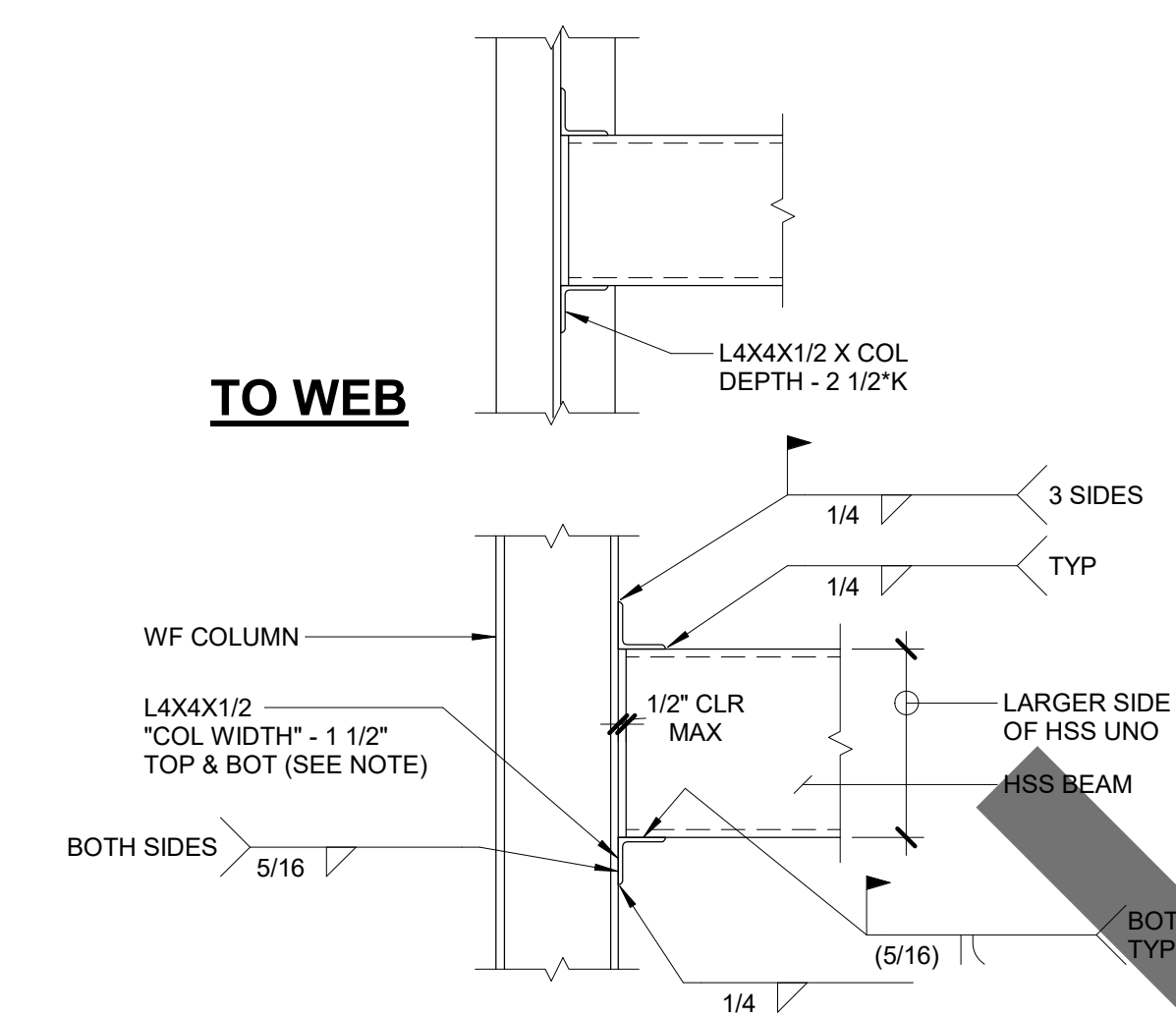


TWO SIDED CONN ONE SIDED CONN

NOTE: IF HORIZ SPACING BETWEEN BEAMS ON OPPOSITE SIDES $\leq 12"$, THEN CONN IS CONSIDERED AS A TWO SIDED CONNECTION

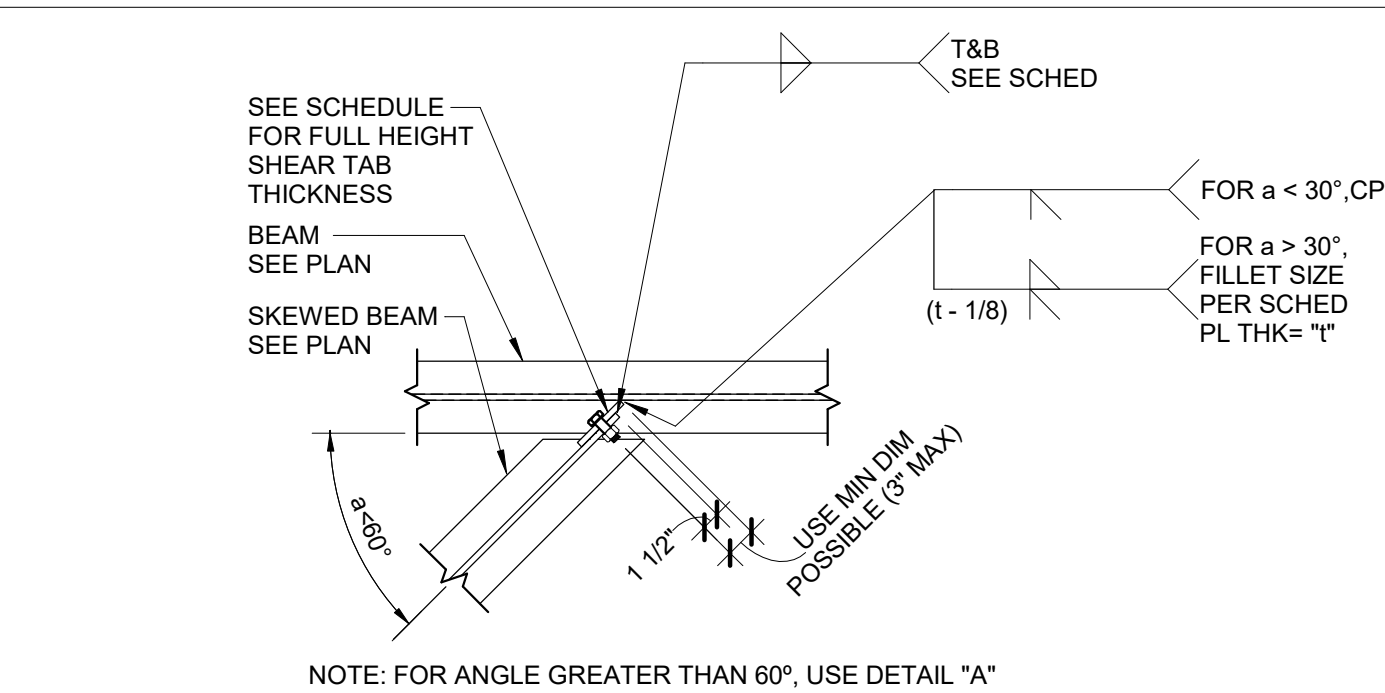
A BEAM TO BEAM CONNECTION

1 NON-MOMENT BEAM CONNECTION SCHEDULE & DETAILS

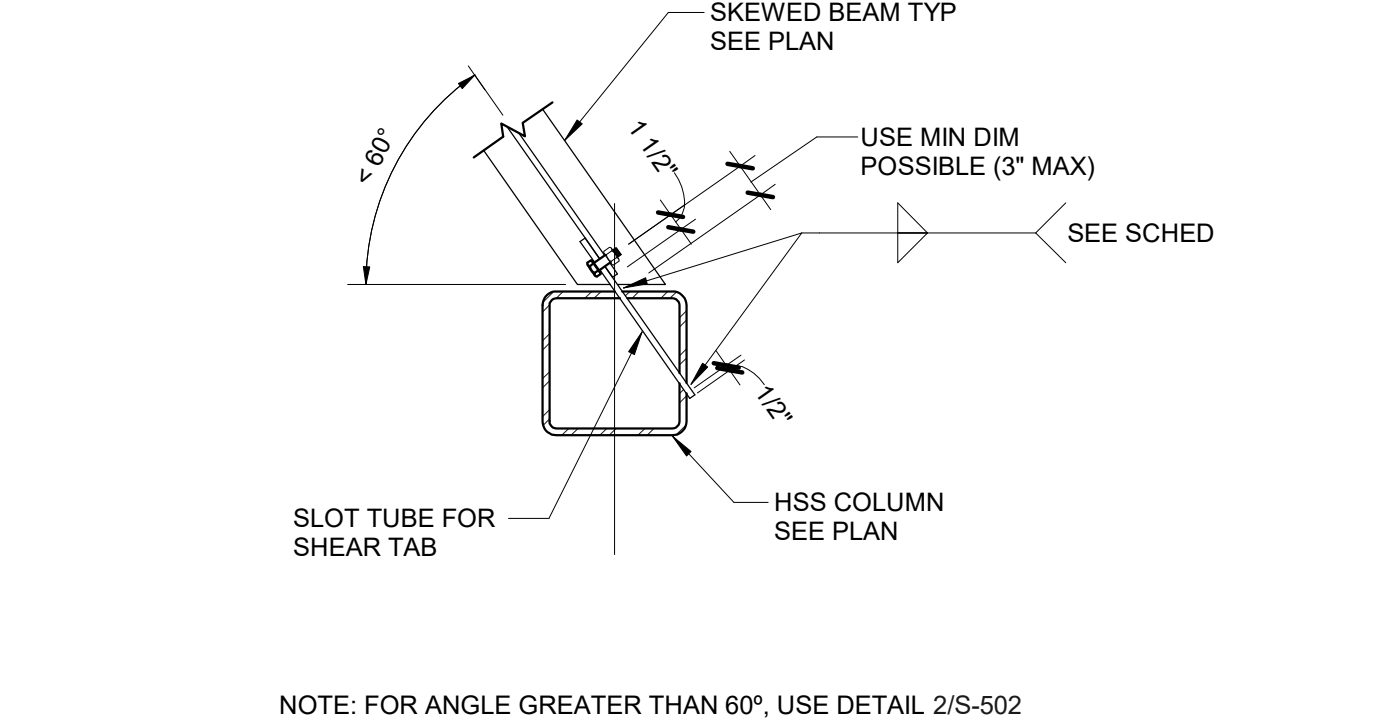


TO FLANGE

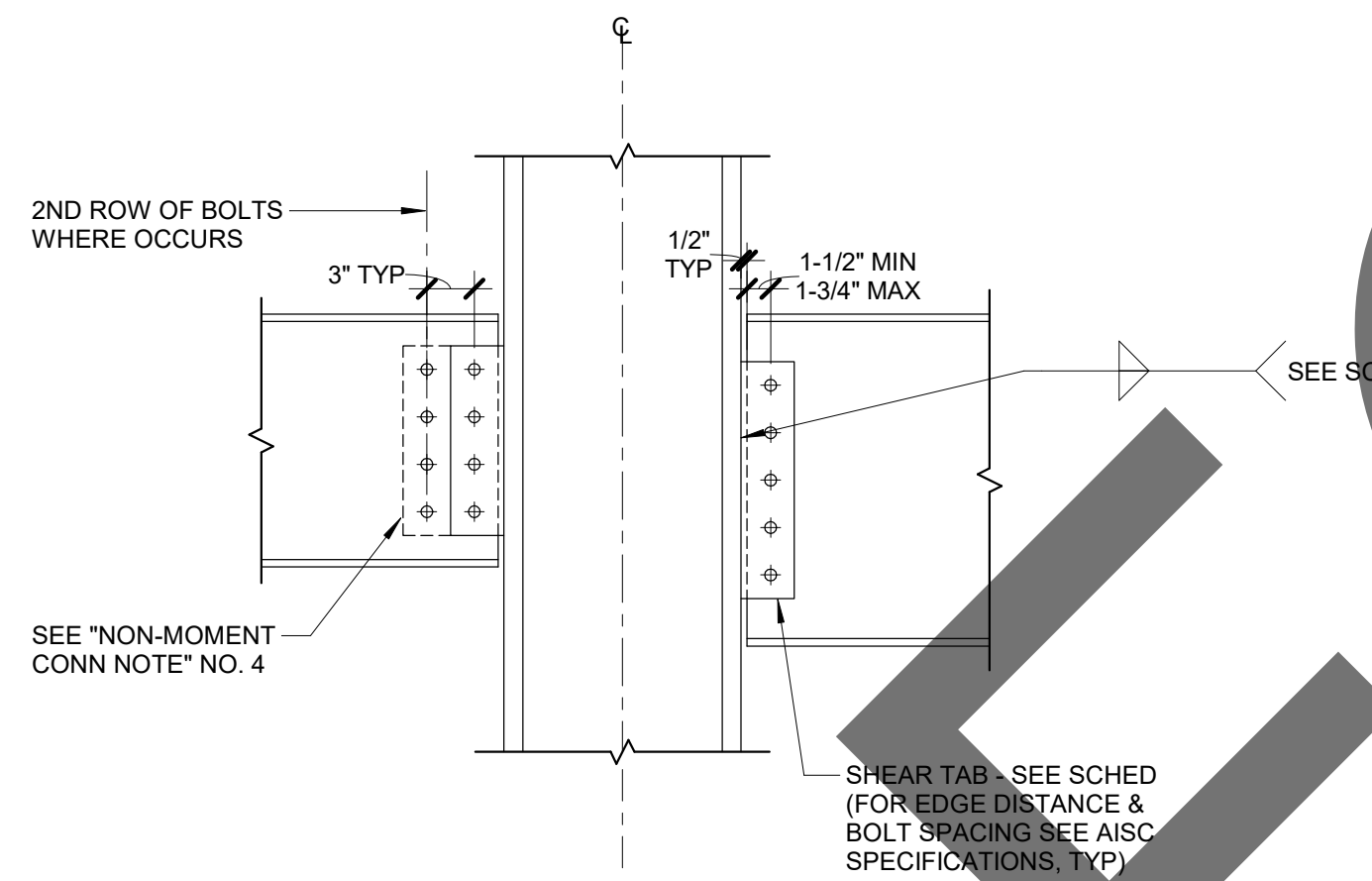
2 HSS BEAM TO WF COLUMN CONN



F SKEWED BEAM TO BEAM CONNECTION

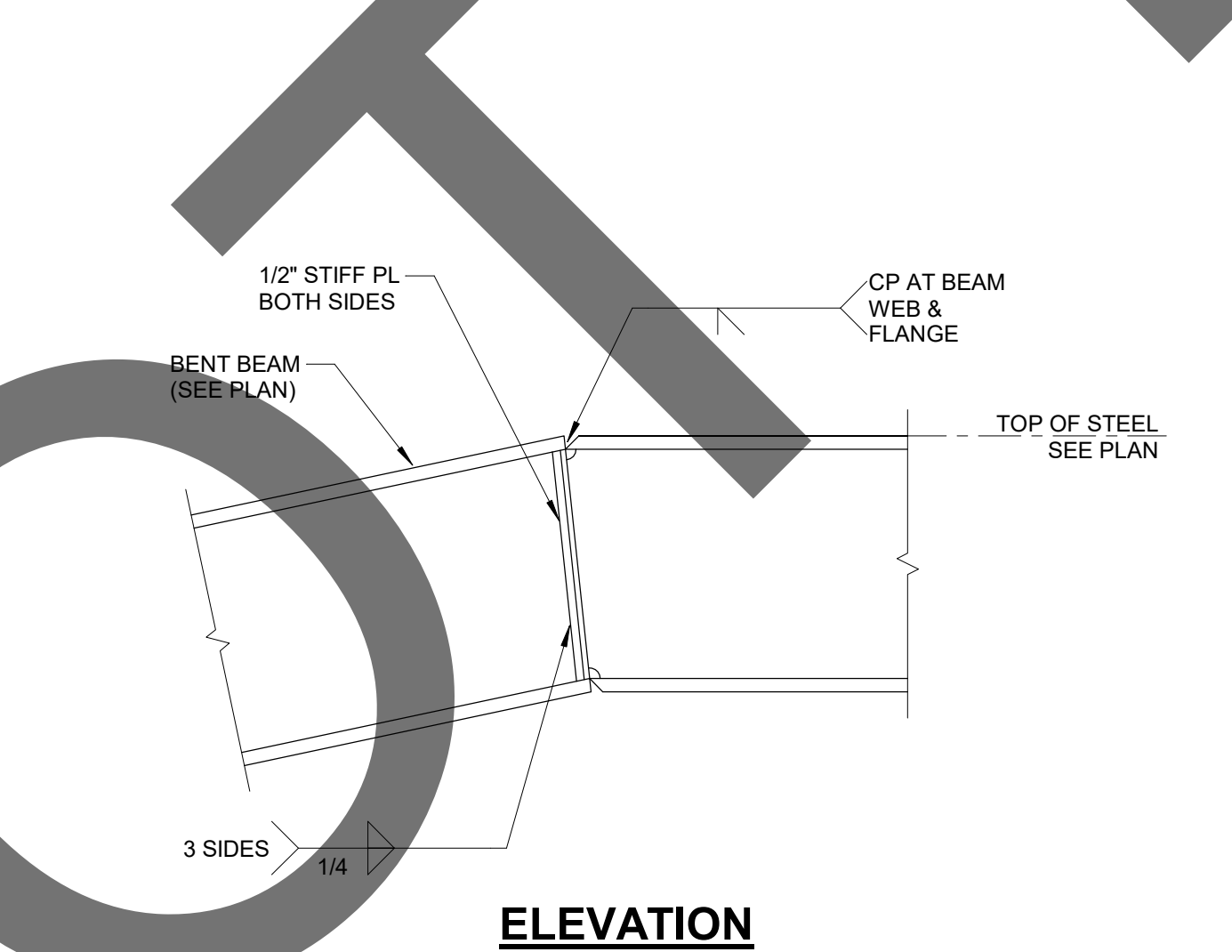


E SKEWED BEAM TO HSS COLUMN CONNECTION



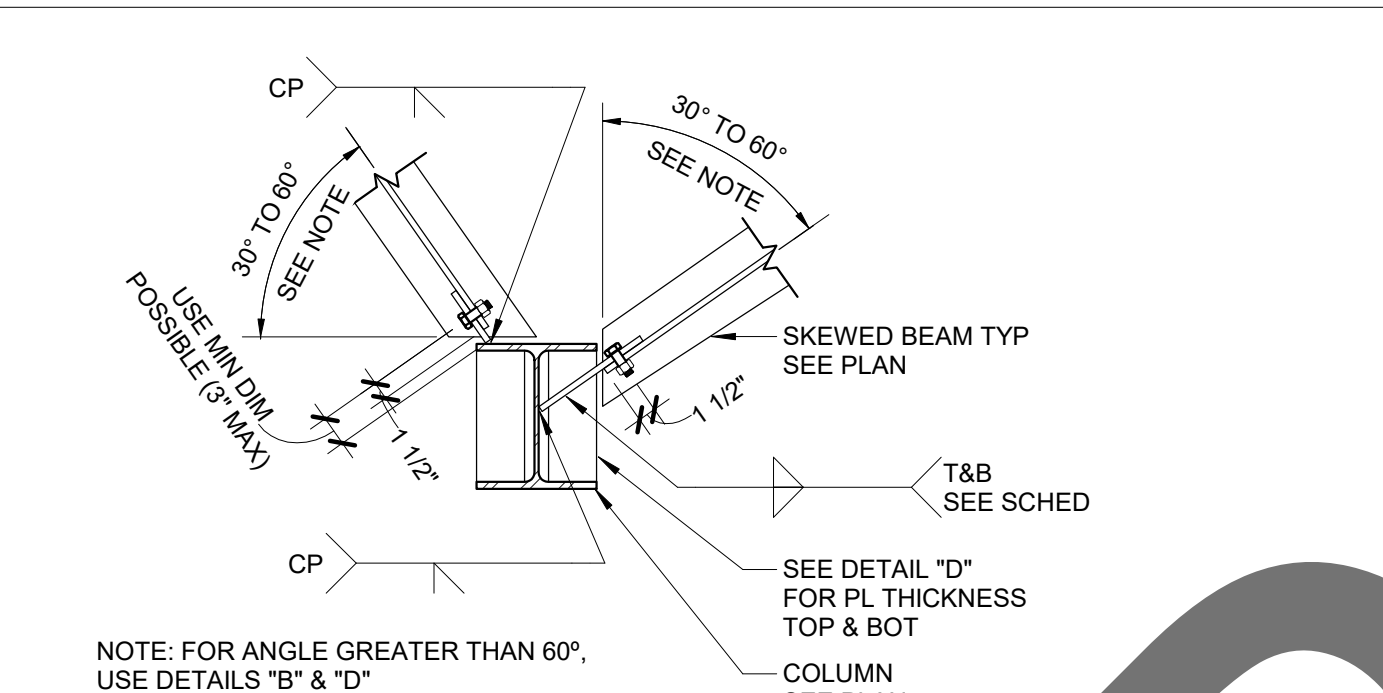
B BEAM TO COLUMN FLANGE CONNECTION

3 BENT BEAM DETAIL

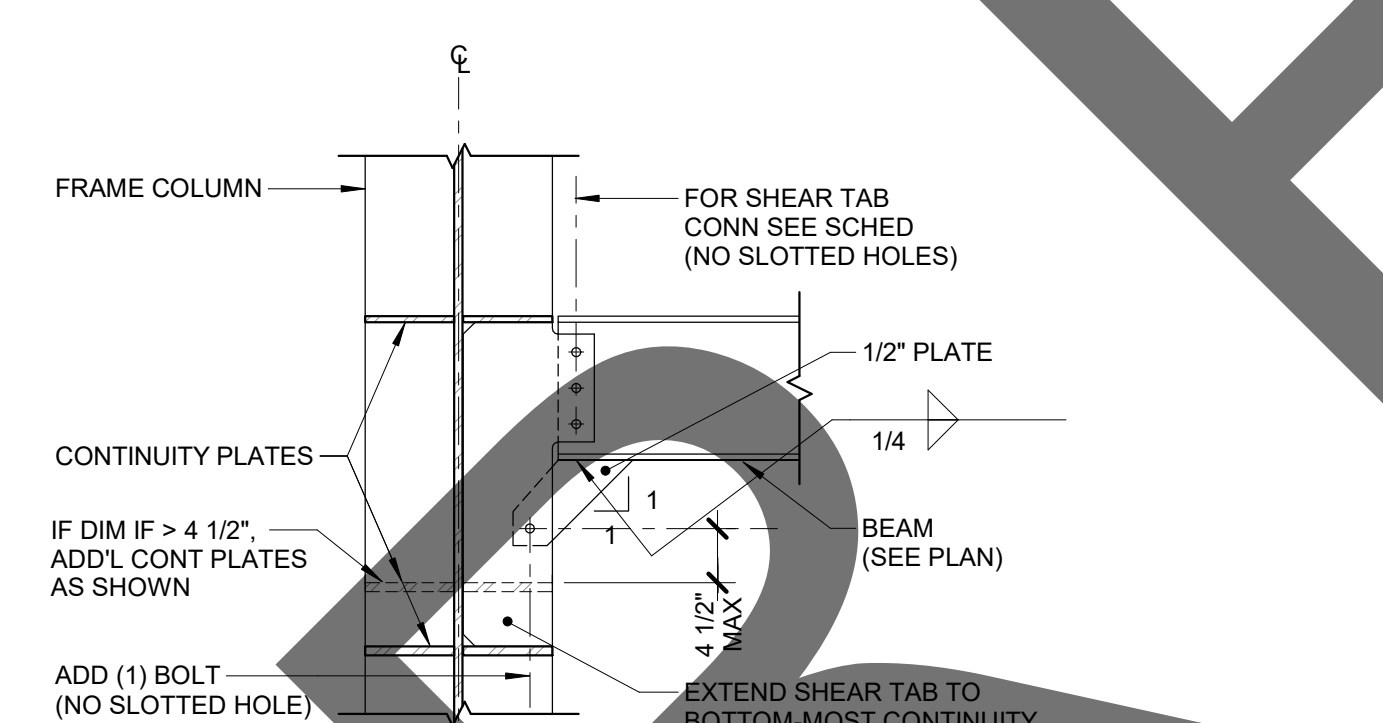


ELEVATION

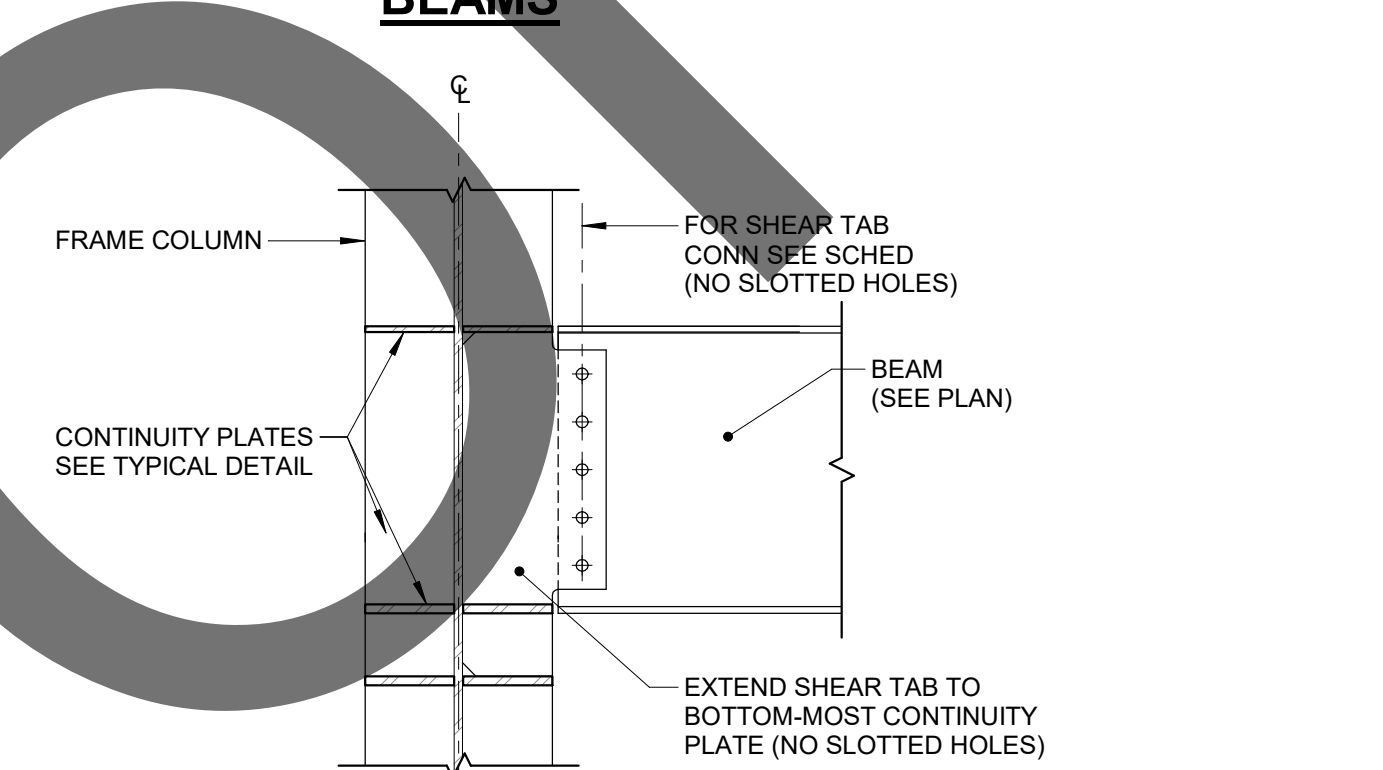
3 BENT BEAM DETAIL



G SKEWED BEAM TO COLUMN CONNECTION



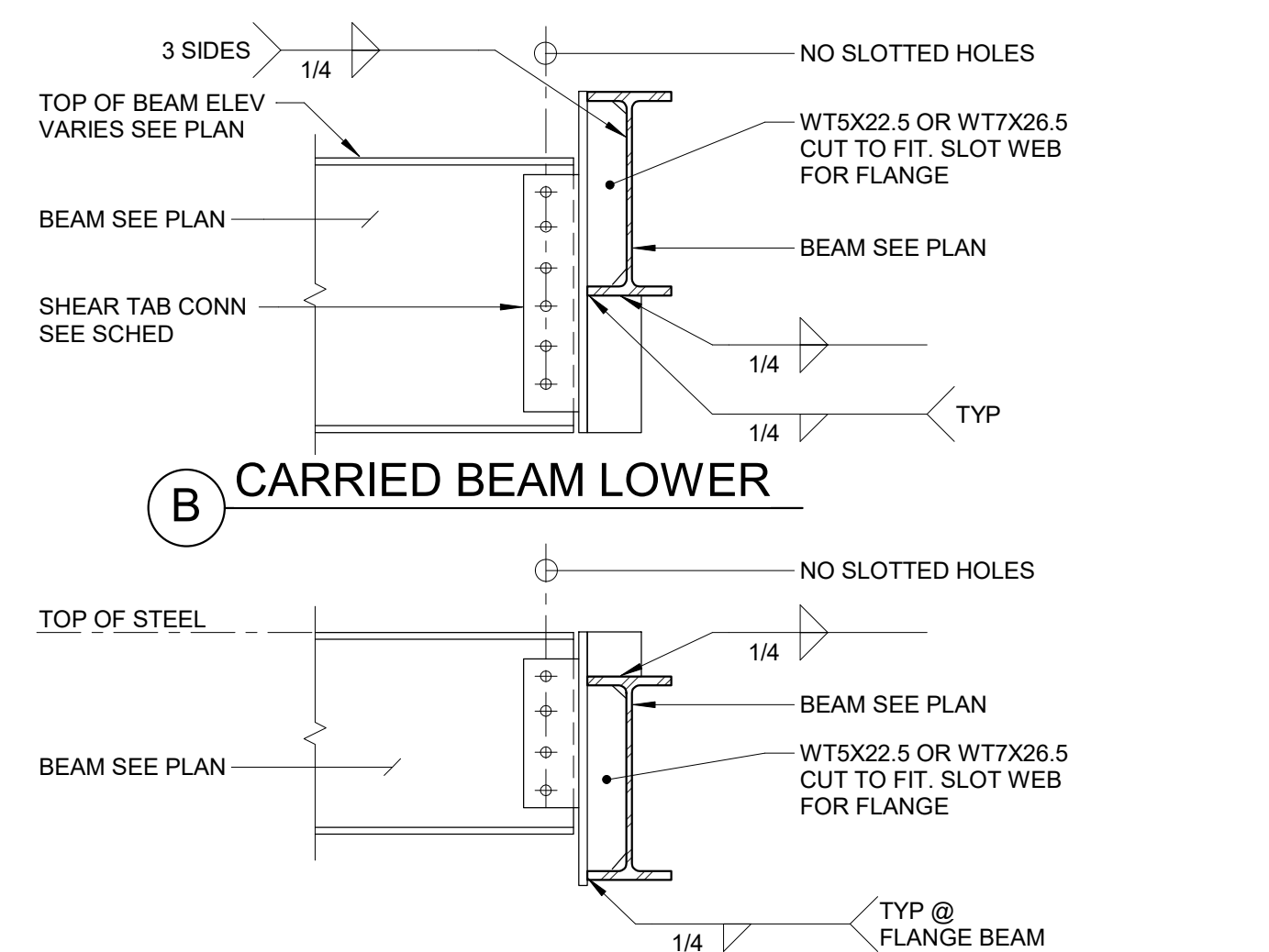
FOR W8, W10, W12 & W14 BEAMS



FOR W16 & DEEPER BEAMS

C BEAM TO RIGID FRAME COLUMN WEB CONNECTION

4 TYPICAL OFFSET BEAM



A CARRIED BEAM HIGHER

4 TYPICAL OFFSET BEAM

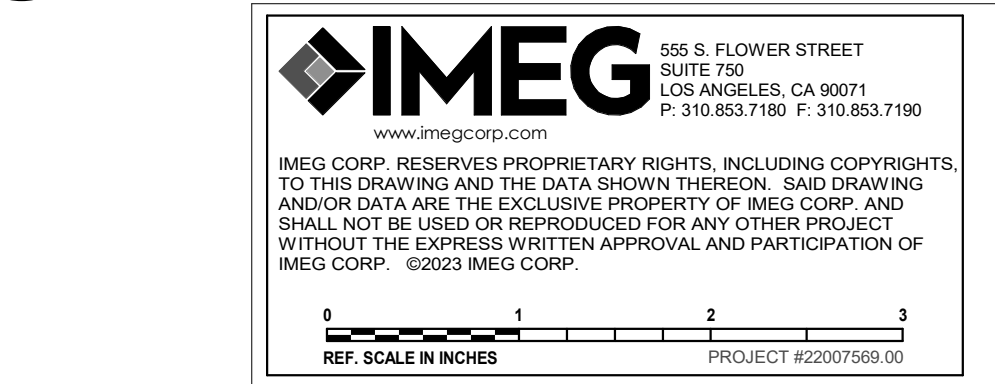
NON-MOMENT BEAM CONNECTION SCHEDULE

BEAM SIZE	NO. OF 7/8" A325 BOLTS	SHEAR TAB		WELD SIZE		LRFD VERTICAL LOAD CAPACITY (KIPS)
		TO BEAM	TO COL	TO BEAM	TO COL	
W8 & W10	2	1/4"	1/4"	3/16"	3/16"	26.1 K
W12	3	3/8"	3/8"	1/4"	1/4"	58.7 K
W14	3	3/8"	3/8"	1/4"	1/4"	58.7 K
W16	4	1/2"	5/8"	1/4"	5/16"	85.9 K
W18	4	1/2"	5/8"	1/4"	5/16"	
W21	5	1/2"	5/8"	1/4"	5/16"	111 K
W24	6	5/8"	3/4"	1/4"	5/16"	136K, SSLT HOLES
W27	7	5/8"	3/4"	1/4"	5/16"	152K, SSLT HOLES

NON-MOMENT BEAM CONNECTION NOTES

1. VERTICAL LOAD CAPACITIES BASED ON LRFD VALUES FROM AISC, 14th EDITION, TABLE 10-10a. ASTM F1852 "TWIST OFF" TENSION CONTROL BOLTS MAY BE SUBSTITUTED FOR A325N BOLTS.
2. CONTRACTOR MAY USE SHORT SLOTTED HOLES (UNO) CONFORMING WITH BOLT SPECIFICATIONS IN LIEU OF HOLES 1/16" GREATER THAN BOLT DIAMETER (PROVIDE HARDENED WASHERS FOR ALL BOLTS IN SLOTTED HOLES)
3. NO SLOTTED HOLES AT CONNECTIONS WITH ADDED BOLTS (2 ROWS)
4. WHEN BOLTS ARE REQUIRED TO BE SPACED IN TWO ROWS, PLACE MAXIMUM NUMBER OF BOLTS IN FIRST ROW (NEAREST CONNECTION) AND SYMMETRICALLY SPACE BALANCE OF BOLTS IN SECOND COLUMN.
5. WHERE MEMBERS ARE DESIGNATED AS PART OF THE SFRS, ALL BOLTS SHALL BE PRETENSIONED AND SHALL MEET THE REQUIREMENTS FOR SLIP-CRITICAL FAYING SURFACES IN ACCORDANCE WITH AISC 360-16 SECTION J3.8 WITH A CLASS A SURFACE. BOLTS THAT ARE NOT DESIGNATED AS PART OF THE SFRS MAY BE SNUG-TIGHTENED.

5 HSS BEAM TO HSS COLUMN CONN



owner approval

initials	date	phase

REVISIONS/ADDENDA

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1	06/12/24	PLAN CHECK RESUBMITTAL

ANIMAL CARE CENTER

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SAN BERNARDINO COUNTY

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PROJECT INFORMATION

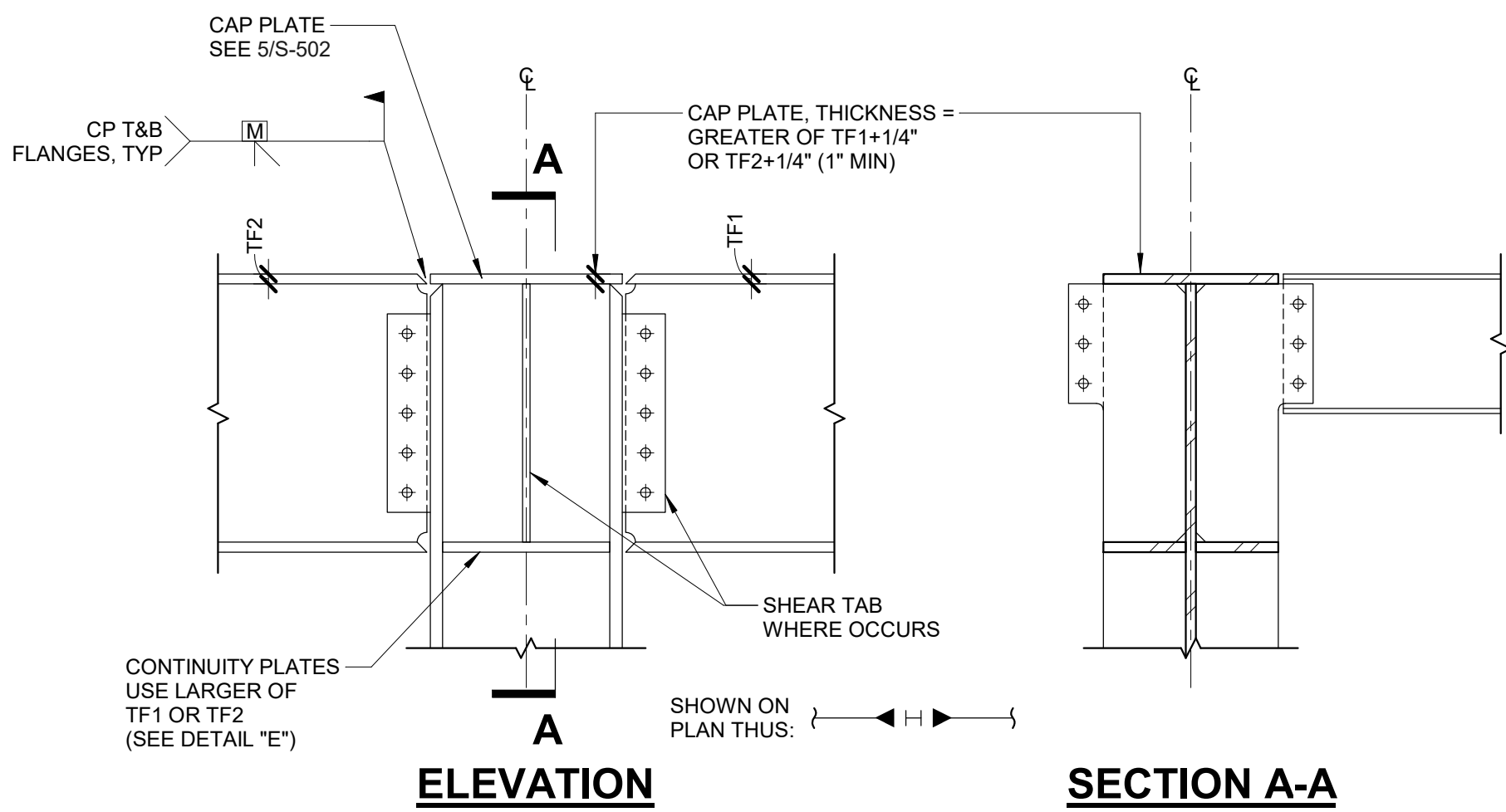
Project Number:	22007569.00
Drawn By:	HYK
Checked By:	JP
Issue Date:	06/12/2024

SHEET NAME

TYPICAL STEEL DETAILS

SHEET NUMBER

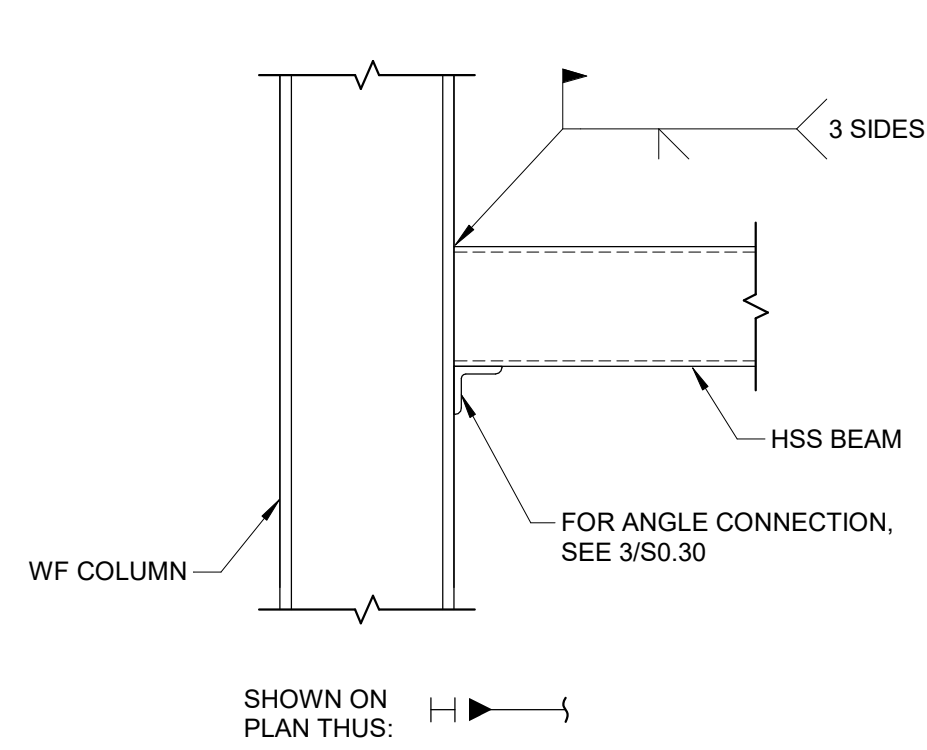
S-500



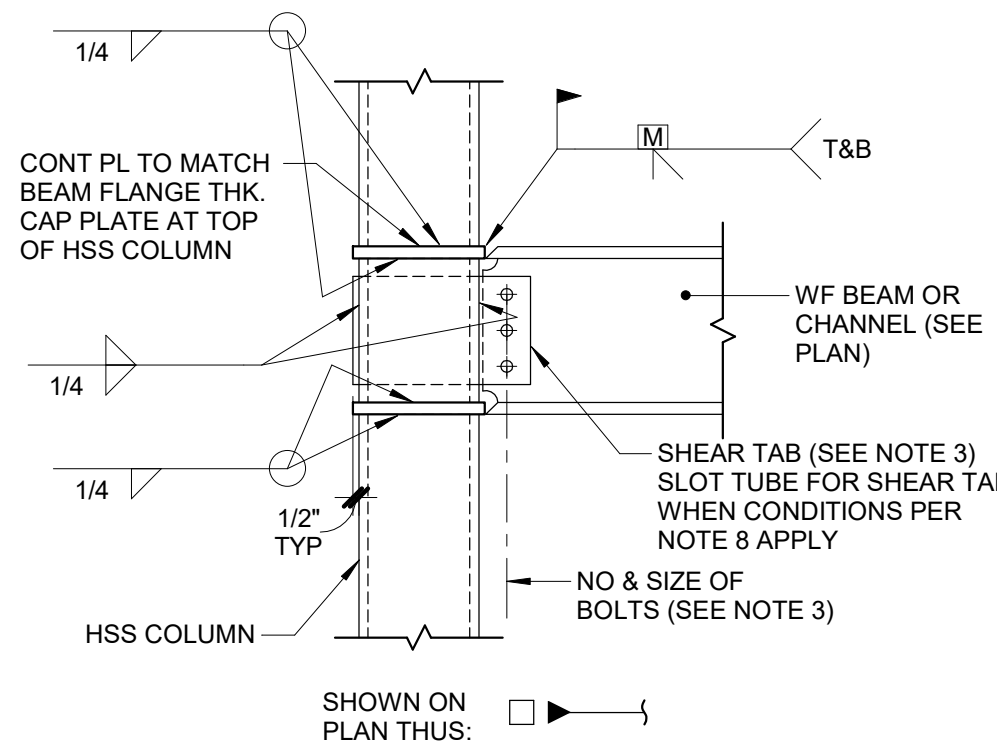
ELEVATION

SECTION A-A

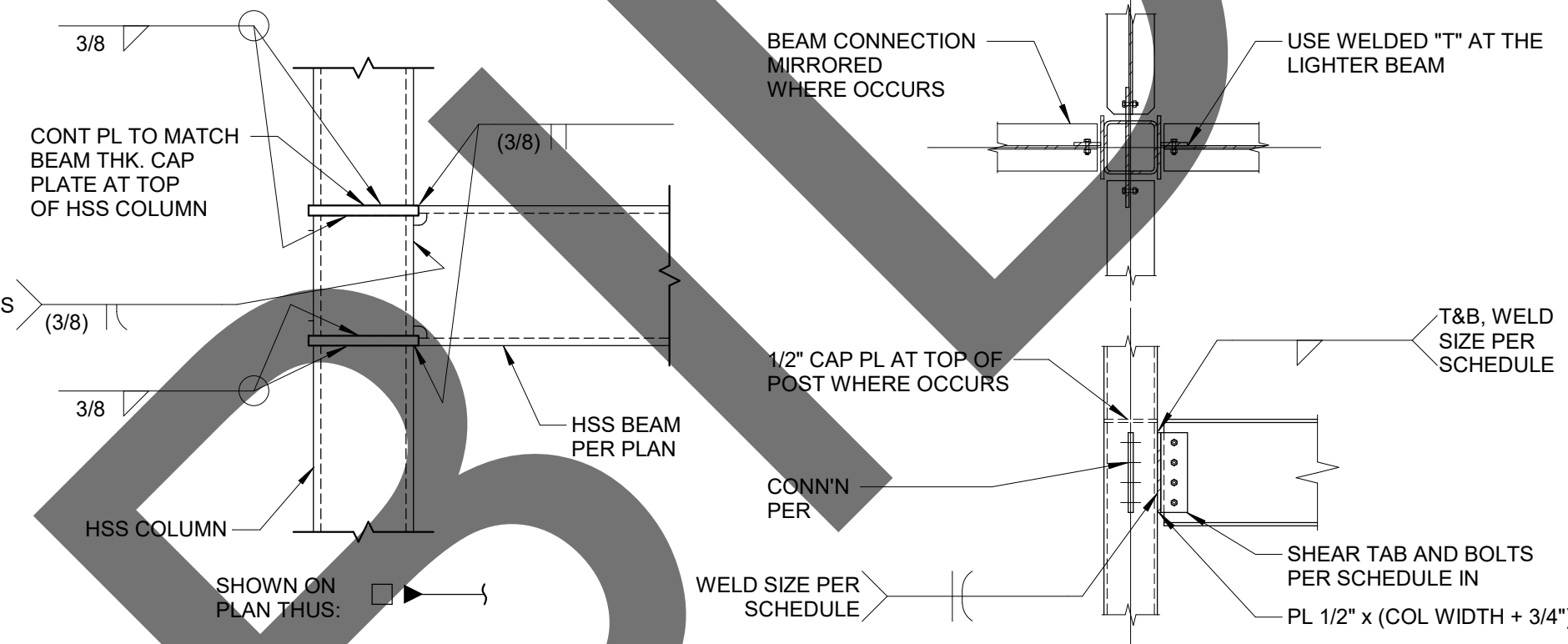
G BEAM TO COLUMN FLANGE CONNECTION (TOP OF COLUMN)



H HSS BEAM TO WF COLUMN CONNECTION

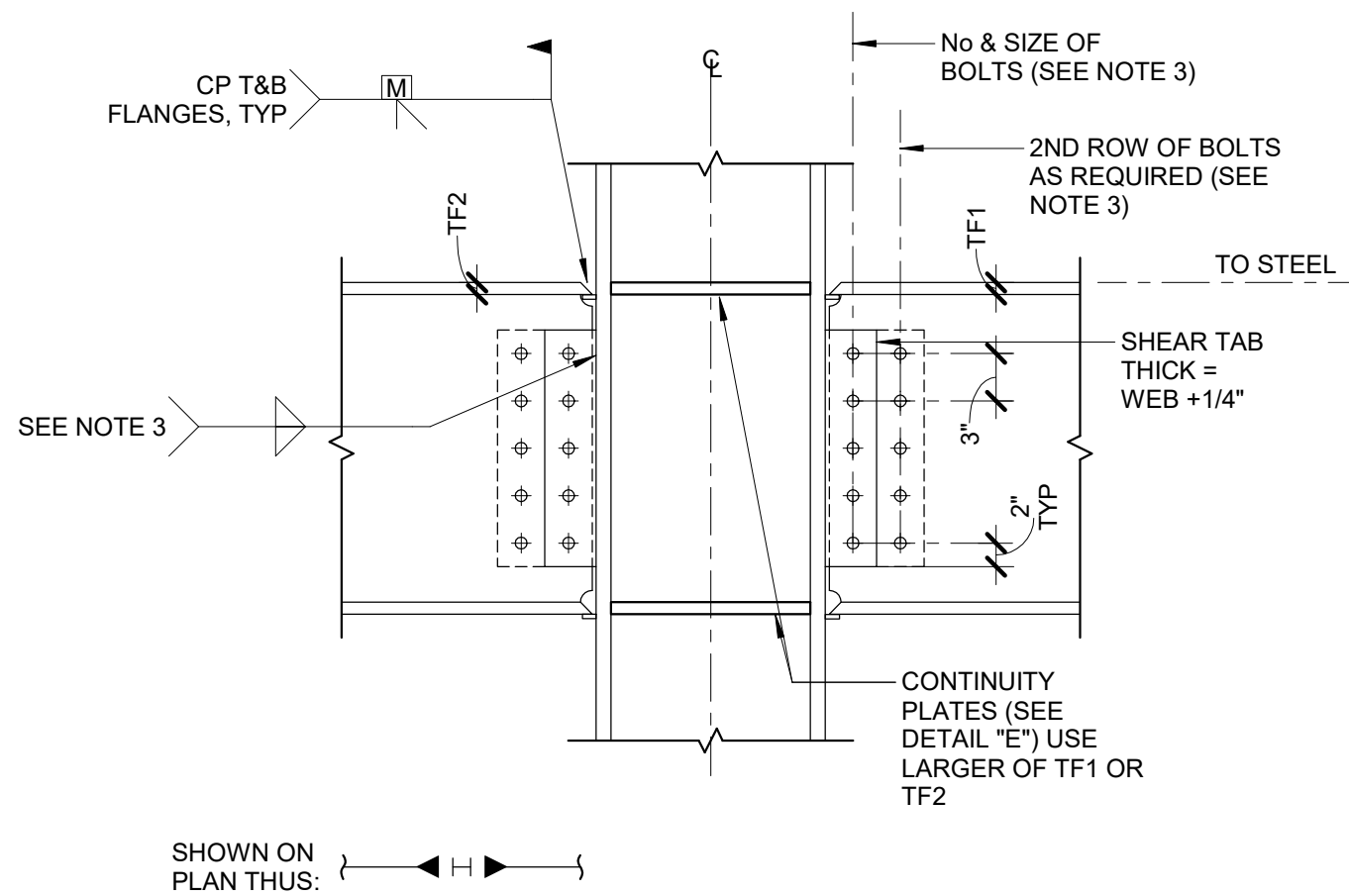


J WF BEAM OR CHANNEL TO HSS COLUMN CONNECTION

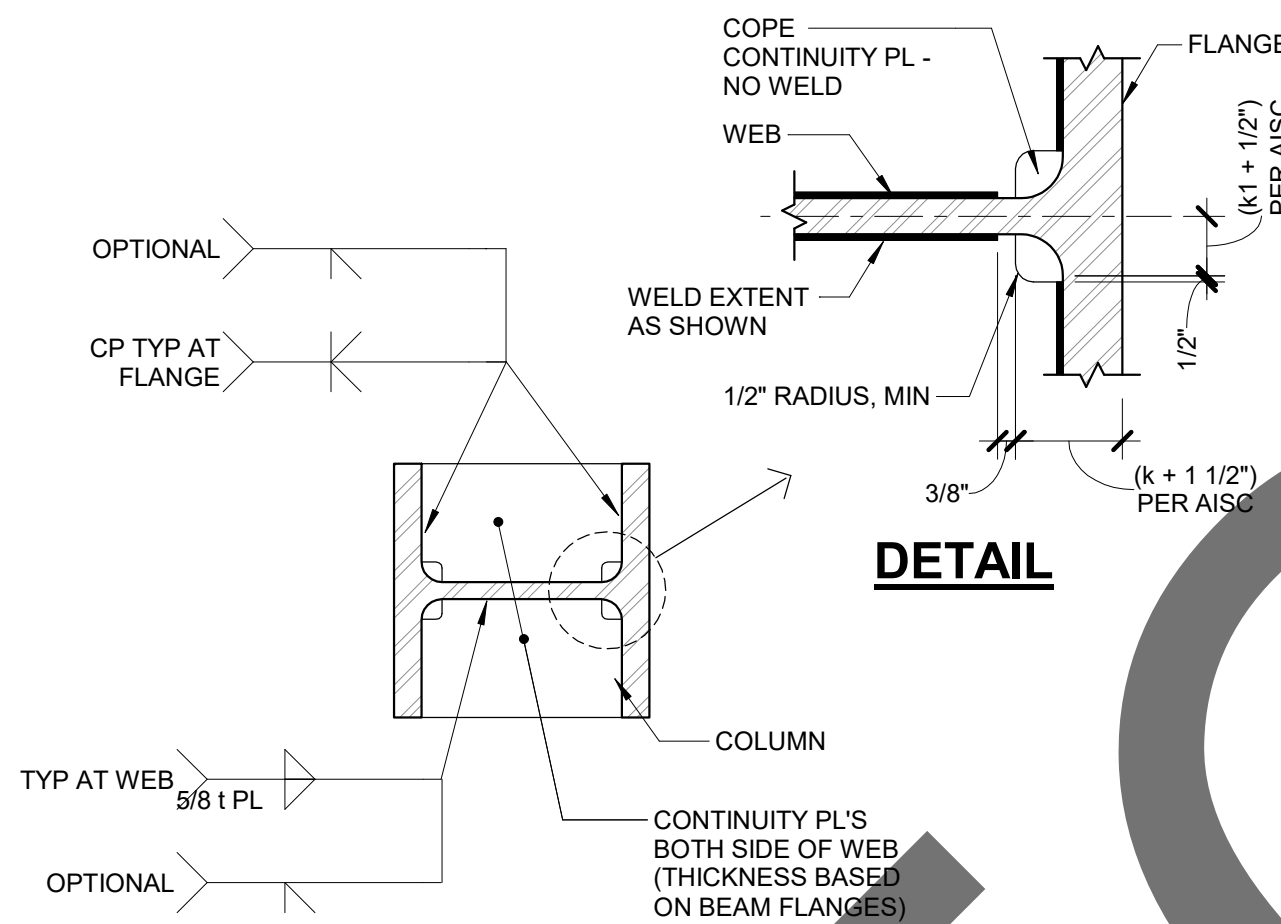


K HSS BEAM TO HSS COLUMN CONNECTION

L WF BEAM TO HSS COL CONNECTION (3, 4 SIDES)

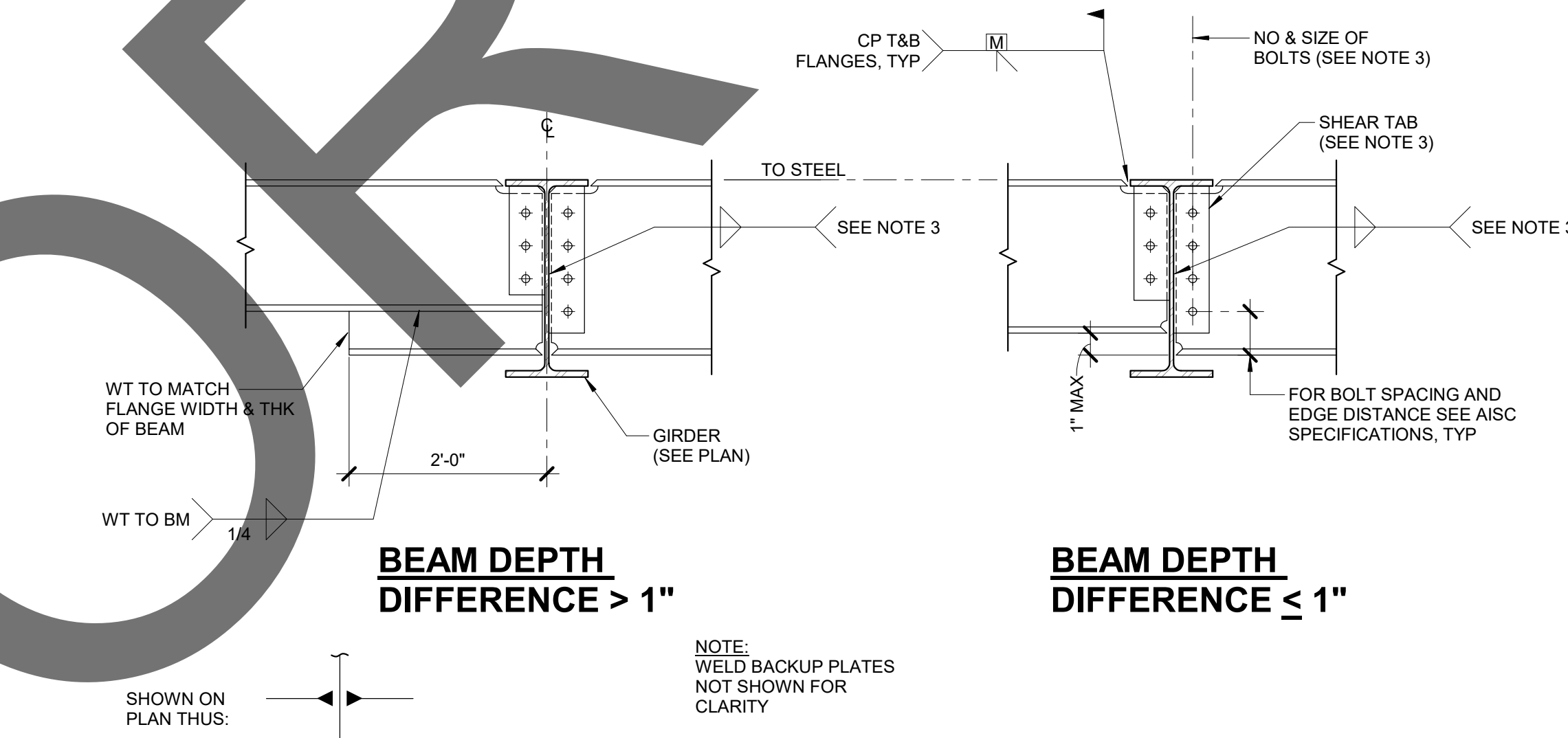


D BEAM TO COLUMN FLANGE CONNECTION (SAME BEAM DEPTH)

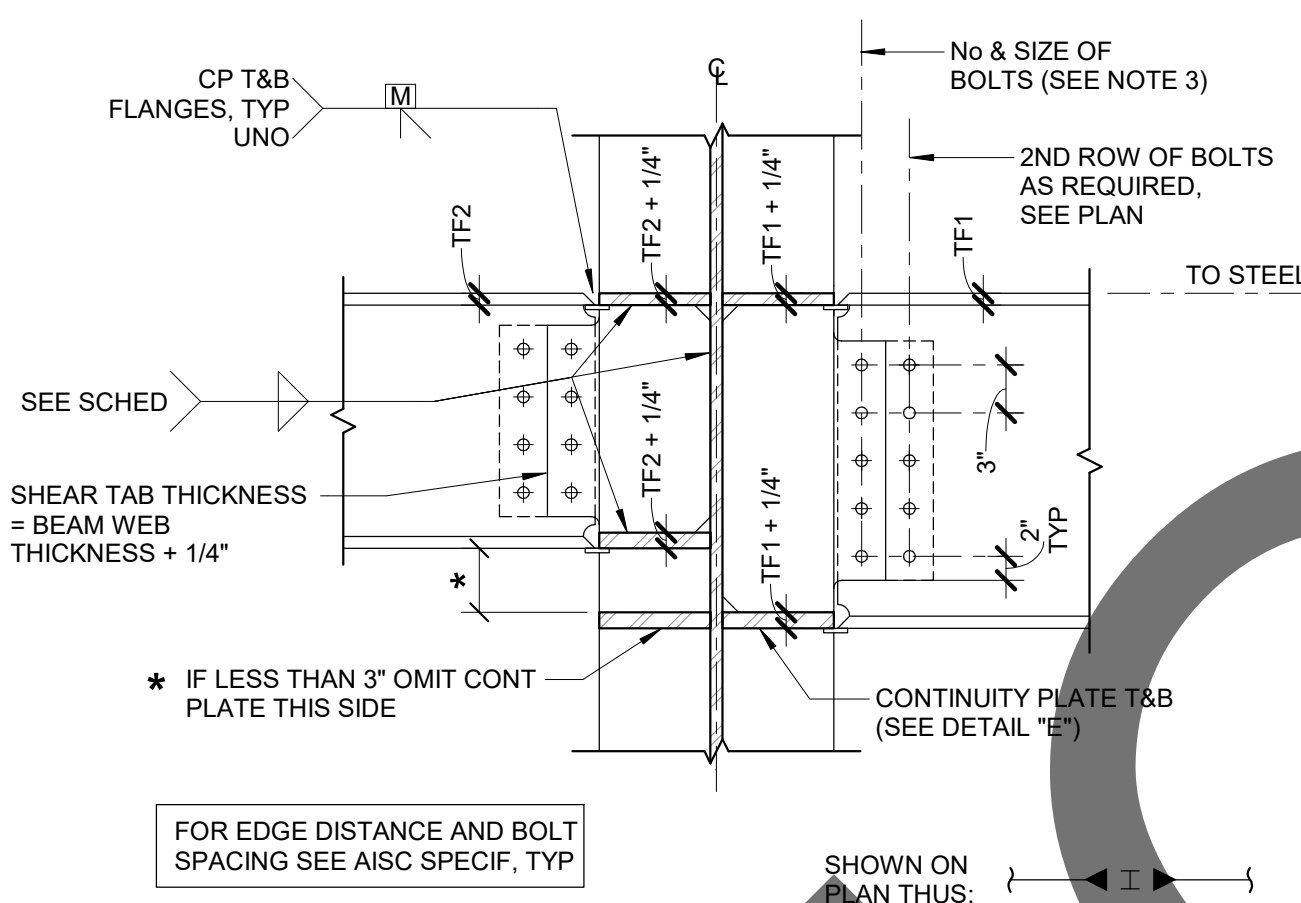


NOTE: WHERE BEAM FRAMING INTO COLUMN WEB CONFLICTS WITH REQUIRED CONTINUITY PLATE, IT IS ACCEPTABLE TO SLOT THE SHEAR PLATE TO RESOLVE THE CONFLICT. WELD FOR SLOTTED SHEAR PLATE AND CONTINUITY PLATE TO BE PER

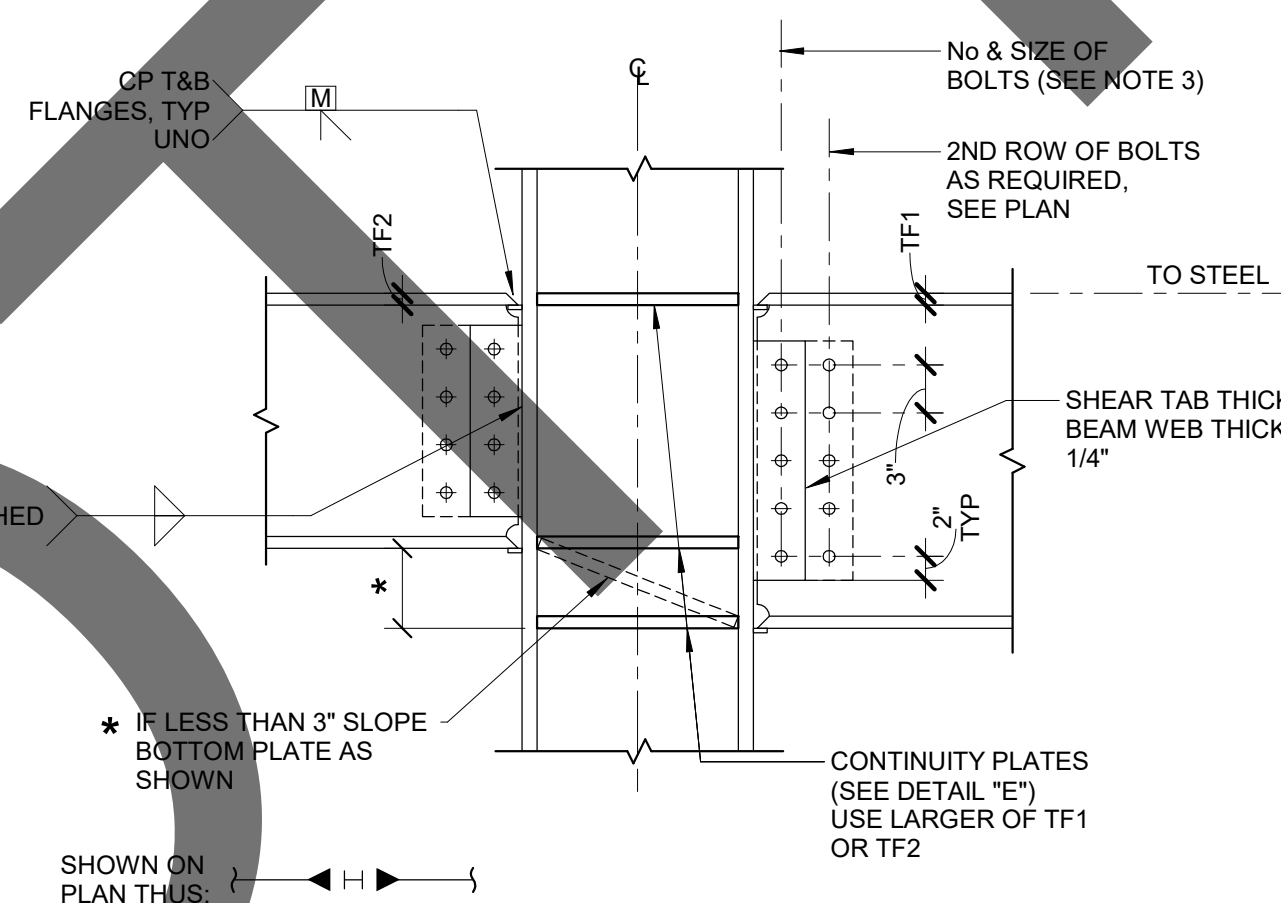
E CONTINUITY PLATE DETAIL



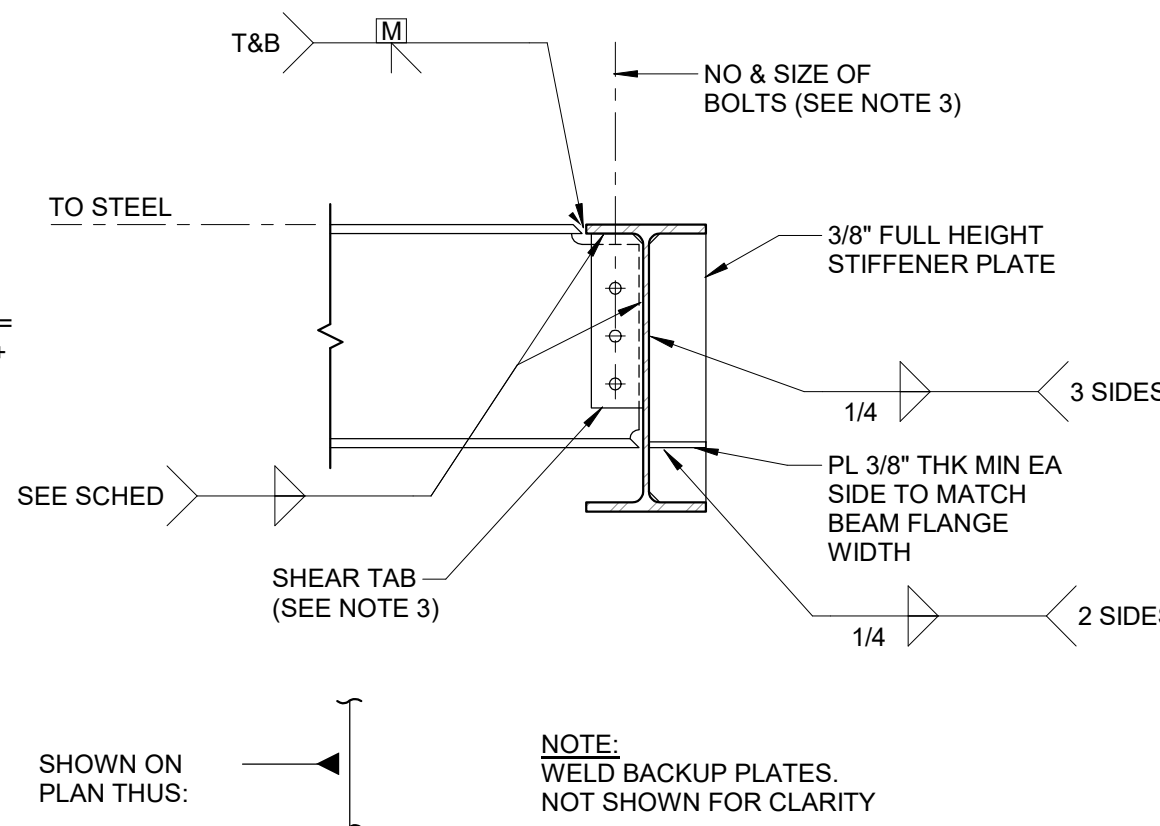
F BEAM TO BEAM CONNECTION (TWO SIDED CONNECTION)



A BEAM TO COLUMN WEB CONNECTION (DIFFERENT BEAM DEPTH)



B BEAM TO COLUMN FLANGE CONNECTION (DIFFERENT BEAM DEPTH)



C BEAM TO BEAM CONNECTION (ONE SIDED CONNECTION)

- MOMENT CONNECTION NOTES**
1. SHEAR TAB (AT COLUMNS) THICKNESS = BEAM WEB THICKNESS + 1/4" UNO.
 2. SHEAR TAB WELDS: FILLET WELD SIZE = (t SHEAR TAB)/2 UNO COMPLETE PENETRATION WELD OPTIONAL.
 3. FOR SHEAR TAB THICKNESS, NUMBER OF BOLTS AND SHEAR TAB WELDING SEE "NON-MOMENT BEAMS CONNECTION SCHEDULE".
 4. WHERE DOUBLE ROW OF BOLTS IS REQUIRED, USE THE MAXIMUM NUMBER OF BOLTS POSSIBLE IN THE FIRST ROW, BALANCE IN THE SECOND ROW.
 5. FILLET WELD BOTH SIDES OF SHEAR TAB FULL HEIGHT.
 6. USE STANDARD HOLES (NO SLOTS).
 7. SEE GENERAL NOTES AND SPECIFICATIONS FOR SPECIAL INSPECTION REQUIREMENTS.
 8. SLOT HSS COLUMN FOR SHEAR TAB WHERE ANY OF THE FOLLOWING CONDITIONS APPLY:
A. COLUMN IS HSS16X OR LARGER
B. COLUMN THICKNESS IS 1/4" AND SHEAR TAB IS > 1/4" THICK
C. COLUMN THICKNESS IS 5/16" AND SHEAR TAB IS > 1/2" THICK

1 MOMENT CONNECTION DETAILS (FOR NON-FRAMES)

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"Shelter Planners of America"
owner approval

initials	date	phase

REVISIONS/ADDENDA

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1	06/12/24	PLAN CHECK RESUBMITTAL

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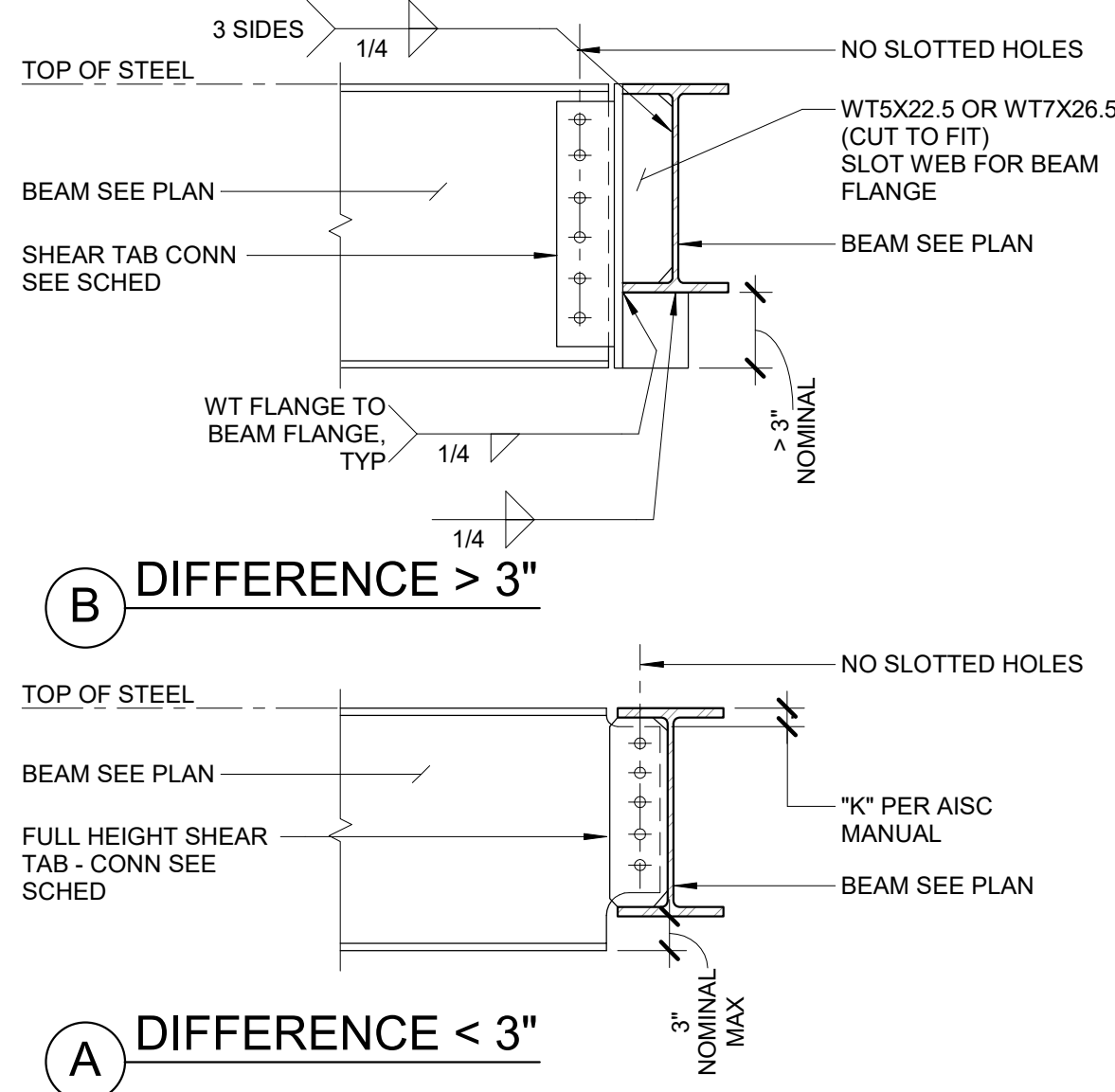
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TYPICAL STEEL DETAILS

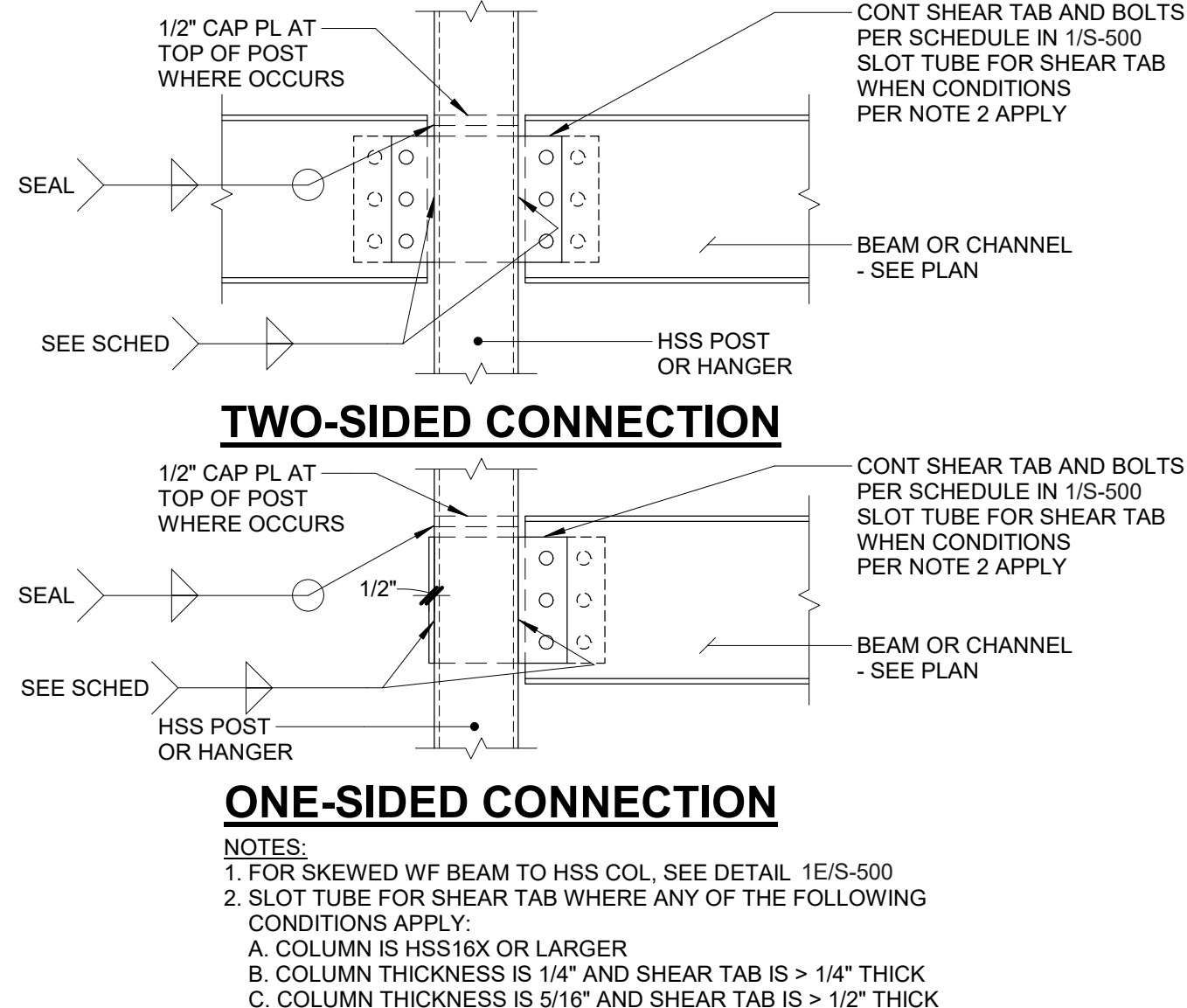
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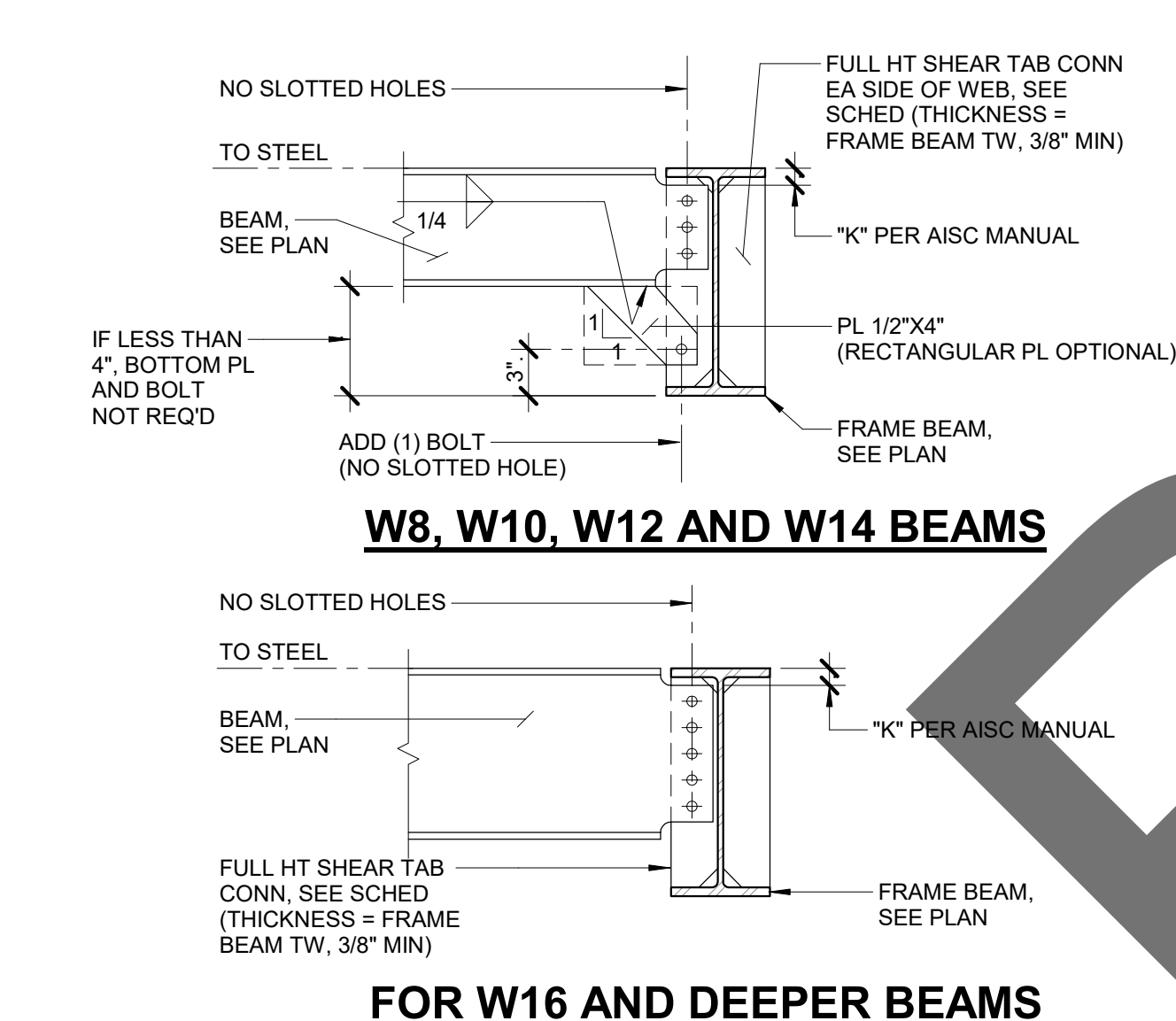
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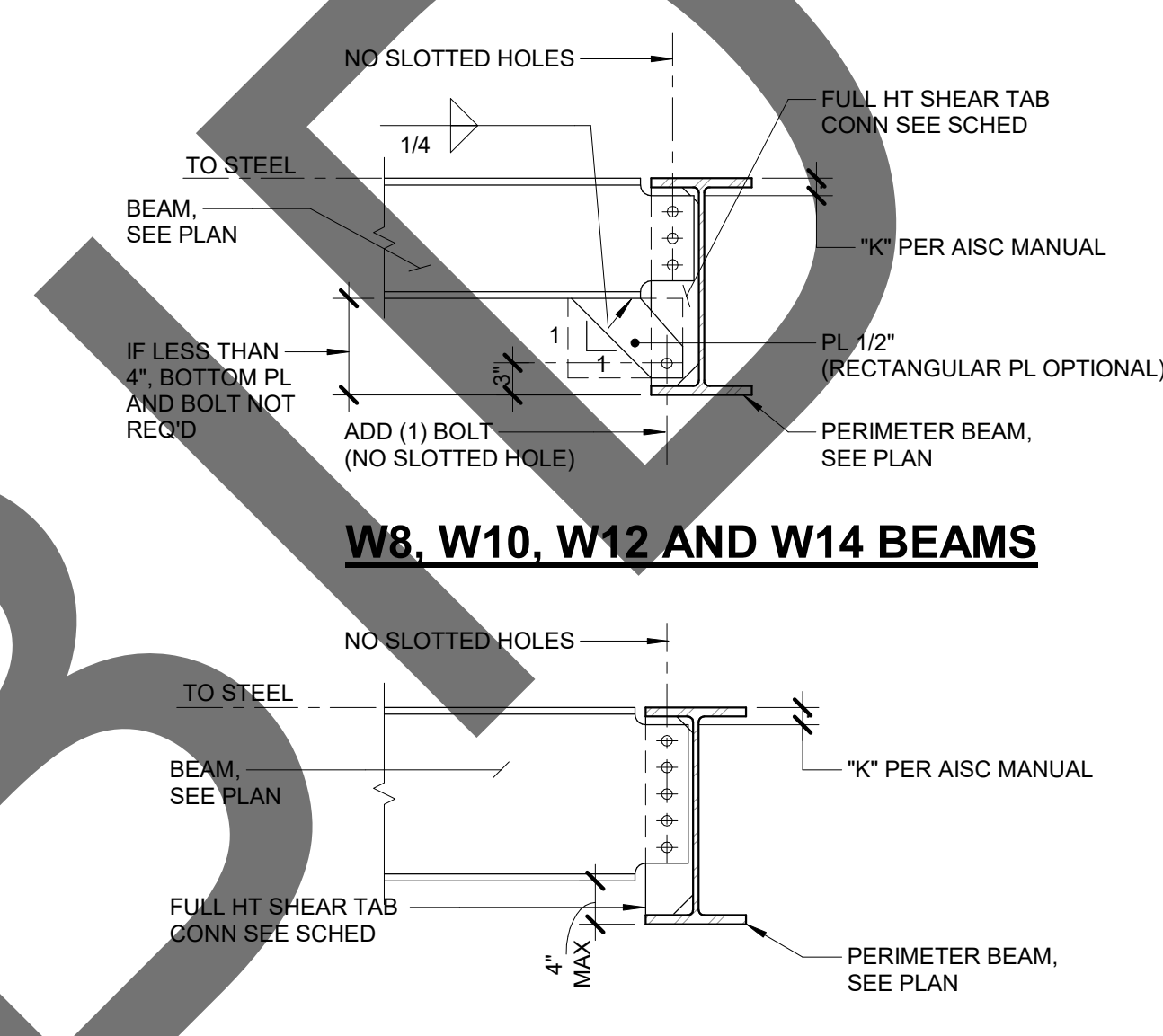
TYP BEAM CONNECTION (DEEPER CARRIED BEAM)



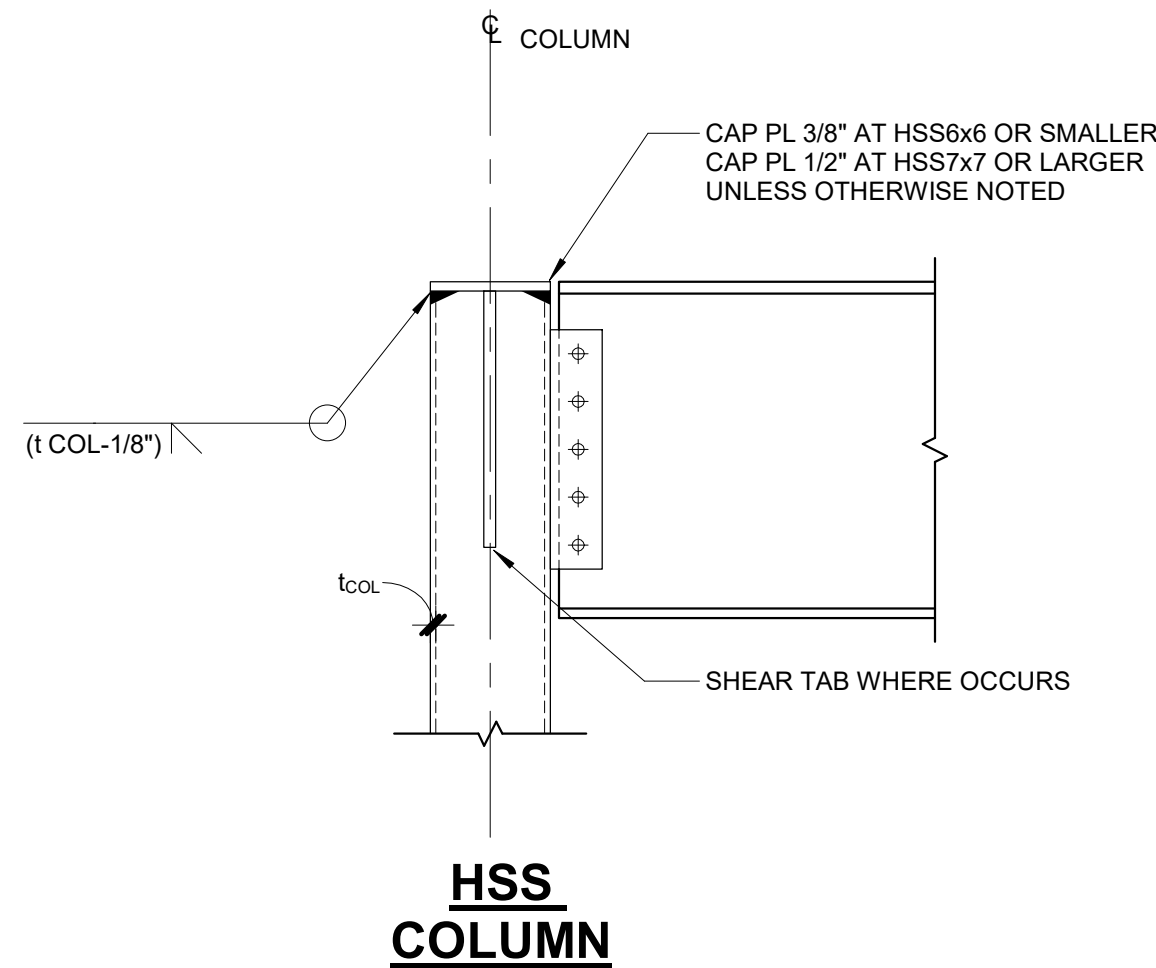
WF BEAM OR CHANNEL TO HSS COLUMN CONN



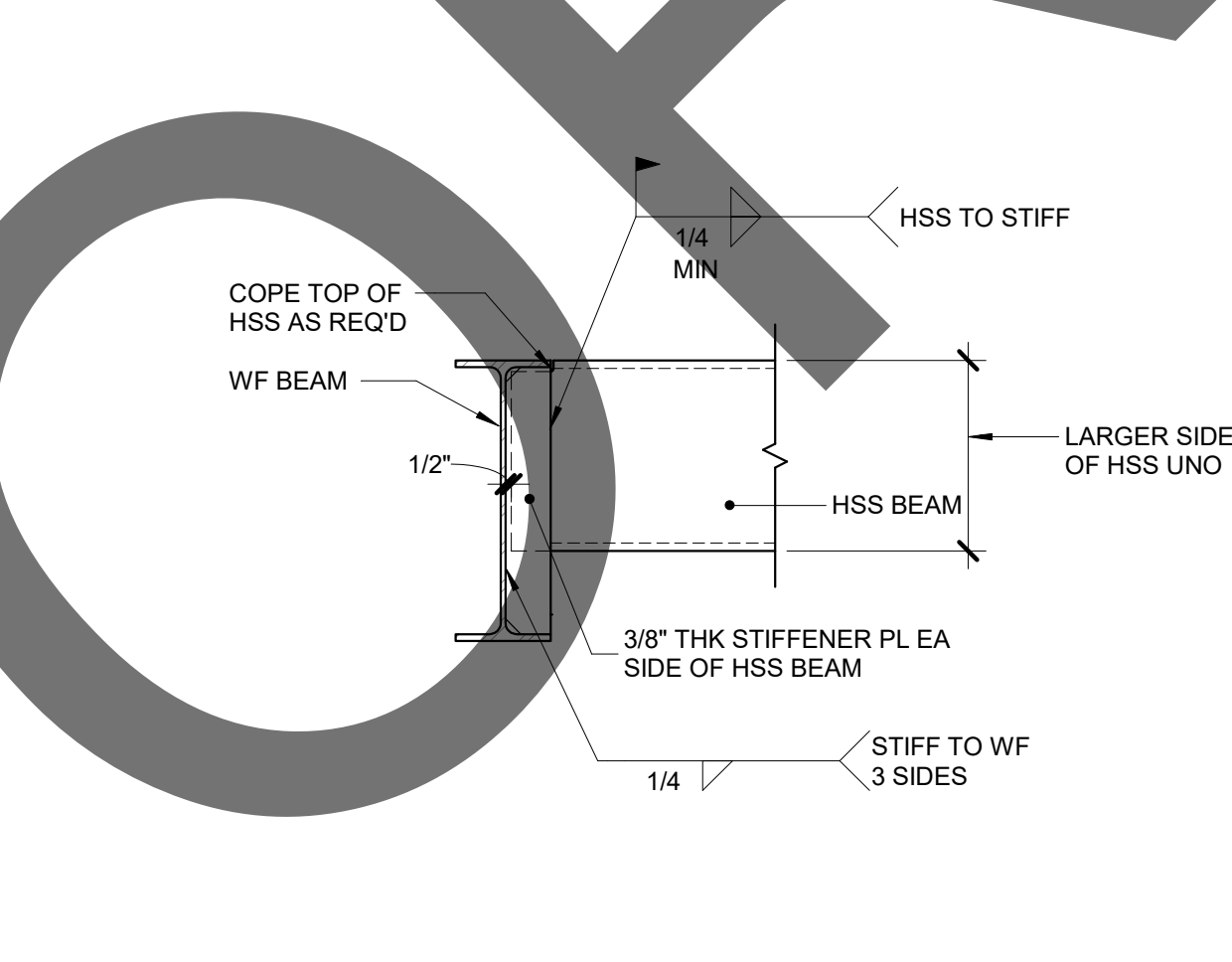
BEAM TO FRAME BEAM CONN



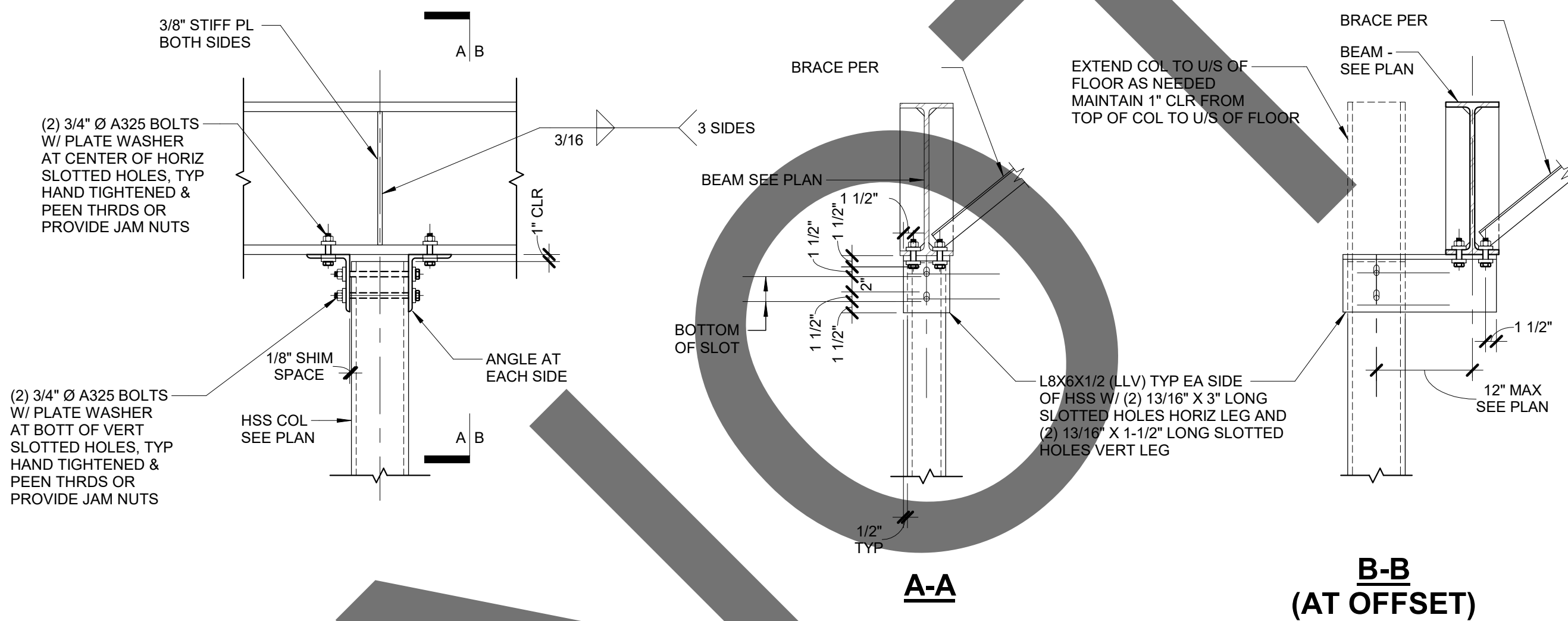
BM TO PERIMETER BM CONN



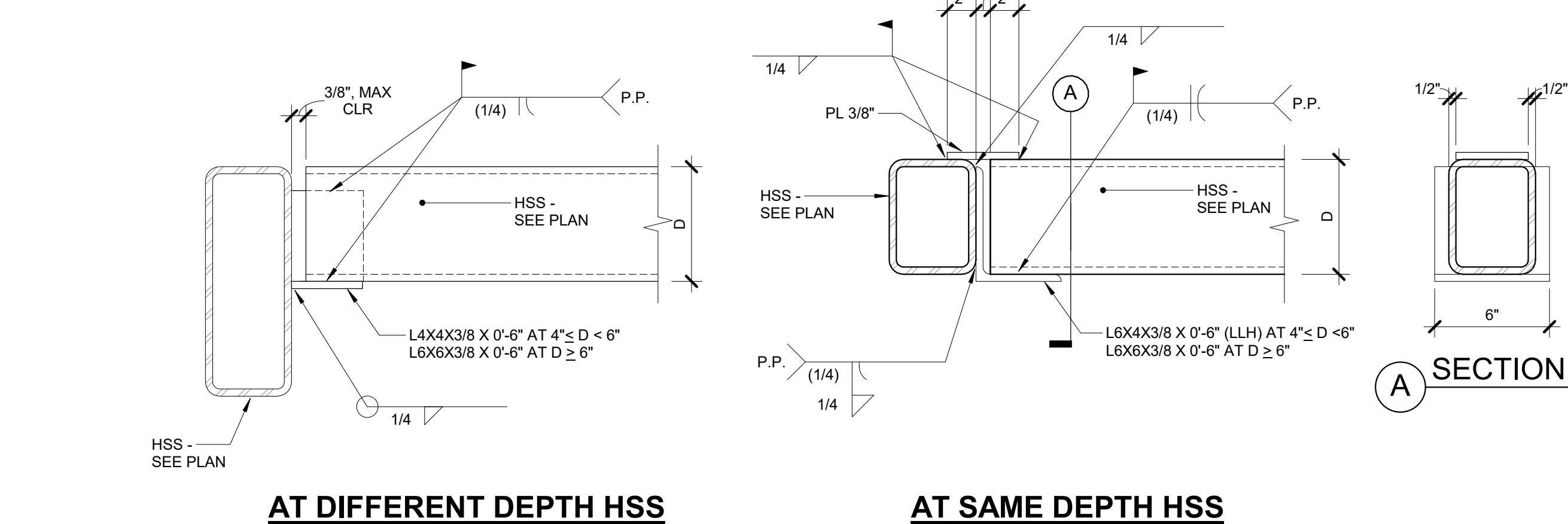
TYPICAL COLUMN CAP PLATE



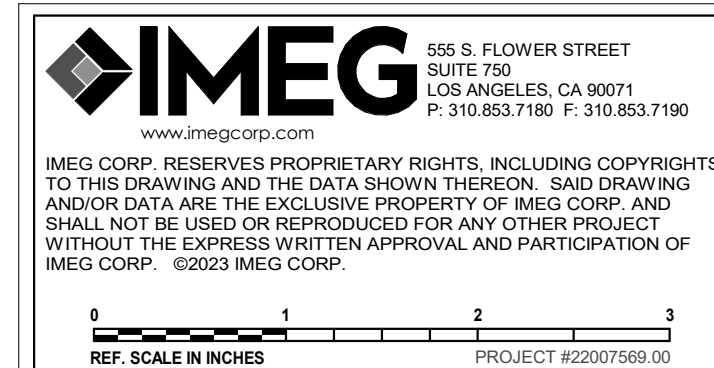
HSS BEAM TO WF BEAM CONNECTION - BEARING



CONTINUOUS WF BEAM AT HSS COLUMN CONNECTION (NON-BEARING)



TYPICAL HSS TO HSS CONNECTION DETAILS



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initials	date	phase

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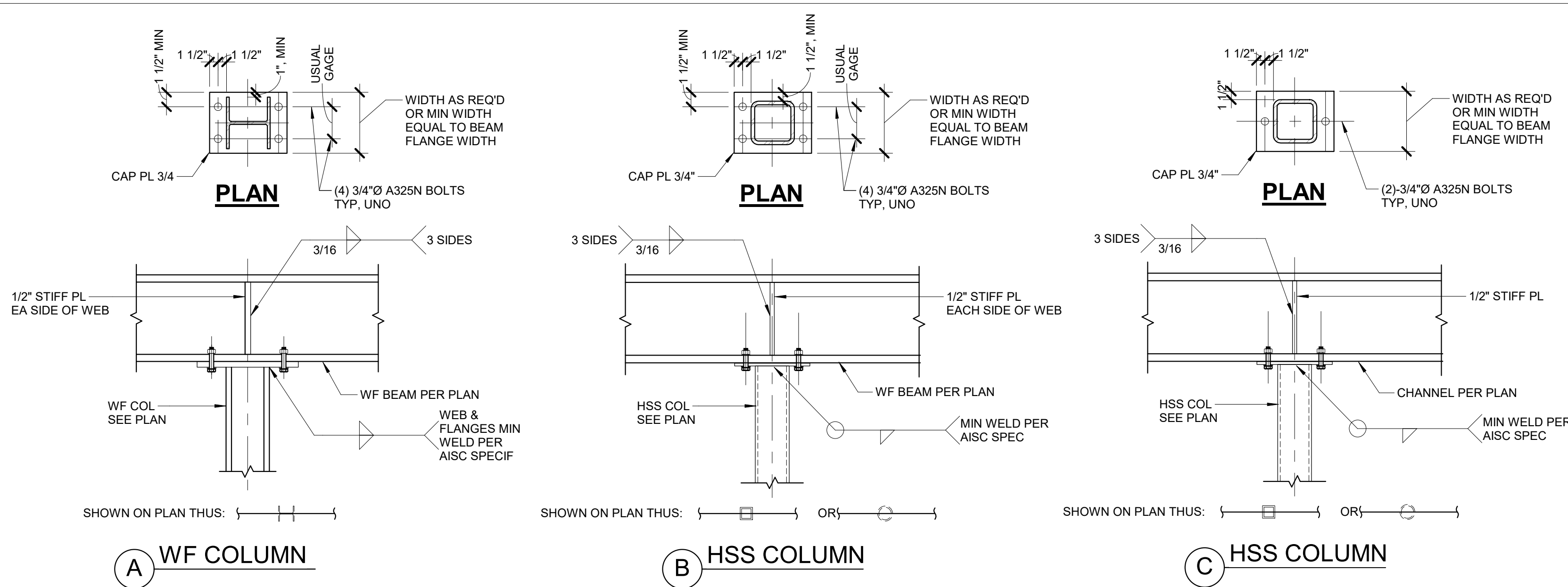
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TYPICAL STEEL DETAILS

SHEET NUMBER

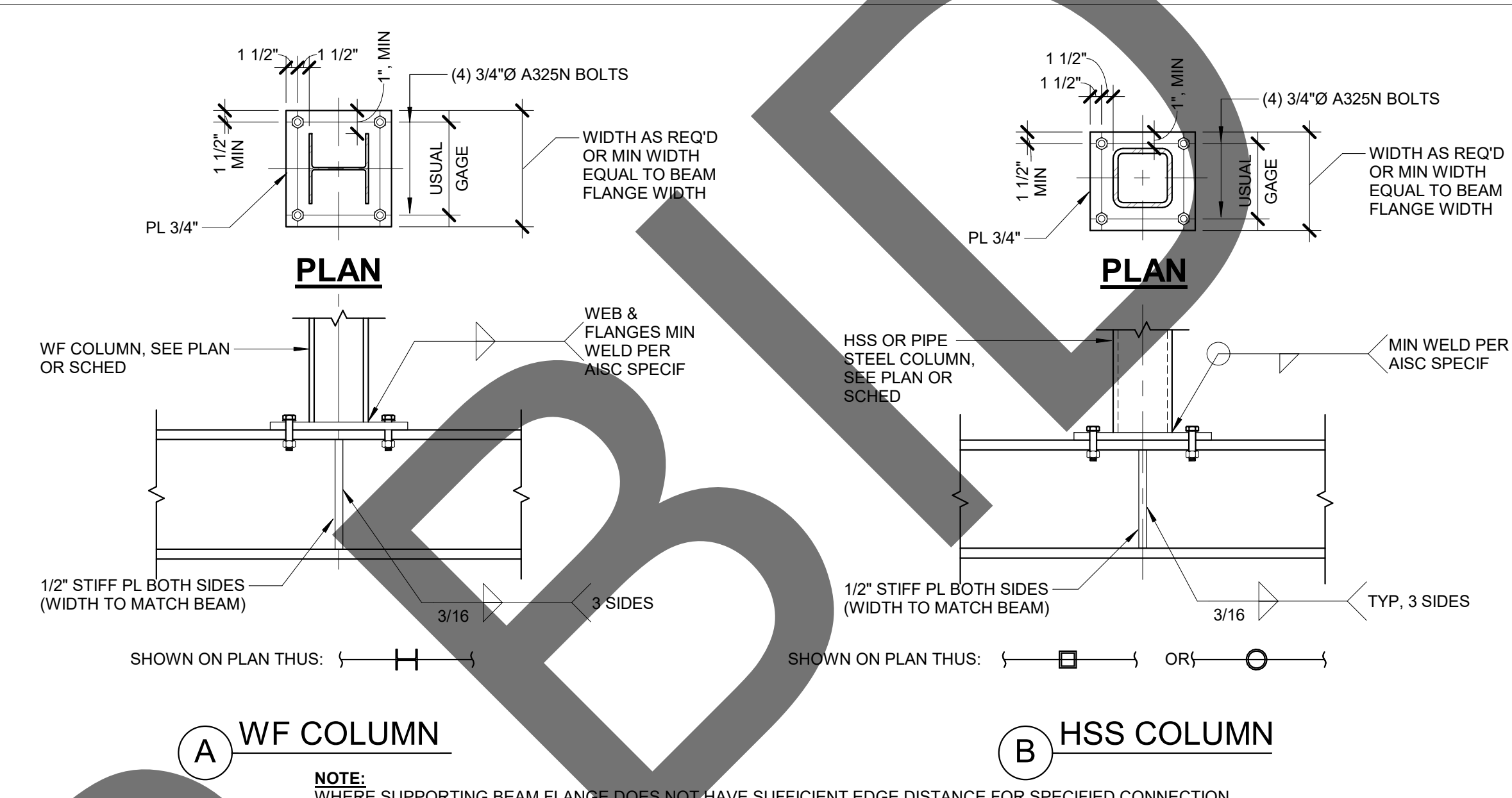
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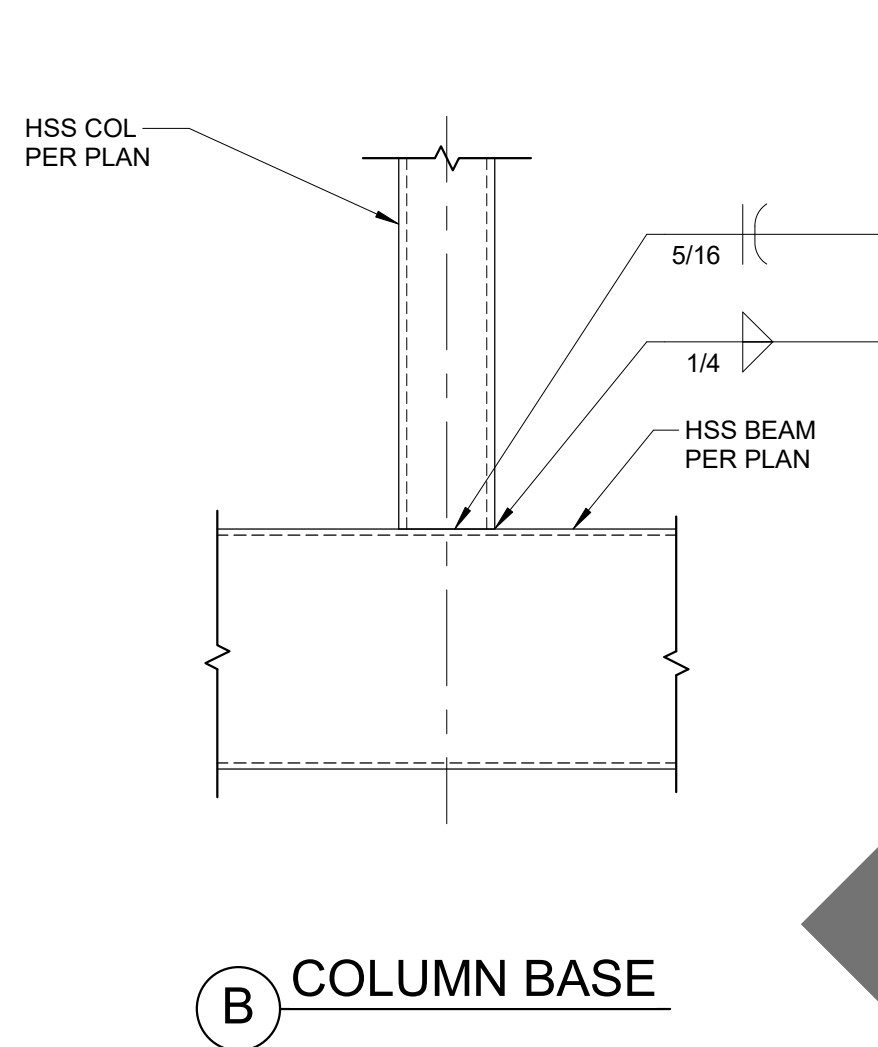
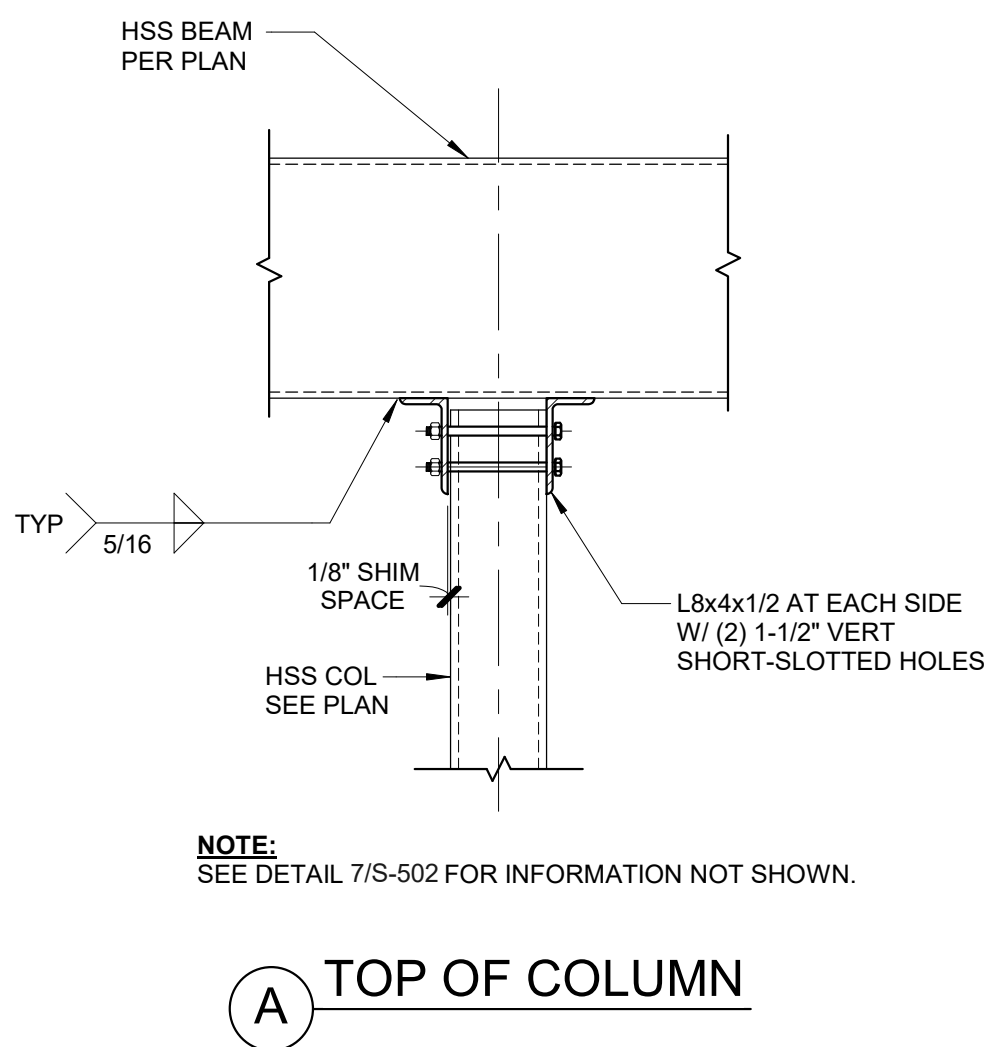
1 CONTINUOUS WF BEAM/CHANNEL AT COLUMN CONNECTION

NO SCALE



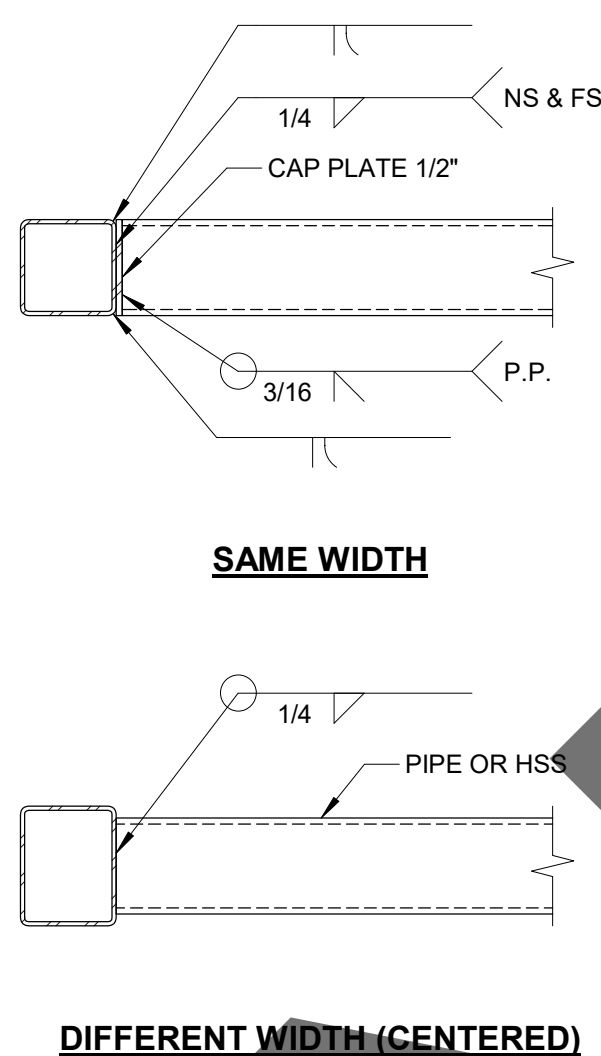
2 STEEL COLUMN BASE DETAILS AT WF BEAM

NO SCALE



3 HSS NON-BEARING COLUMN CONNECTION TO HSS BEAM

NO SCALE

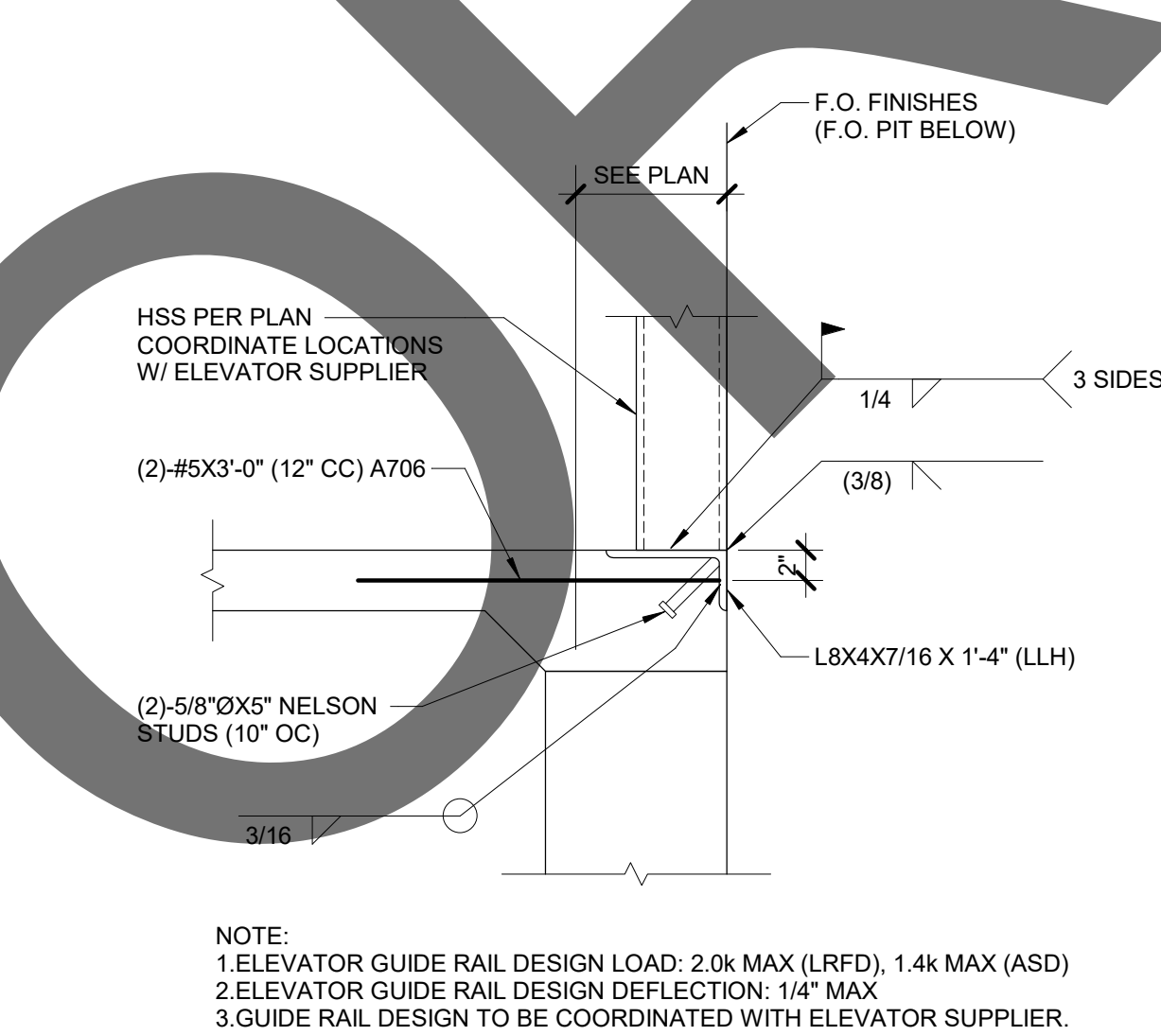


6 TYP HSS CONNECTION DETAILS

3/4" = 1'-0"

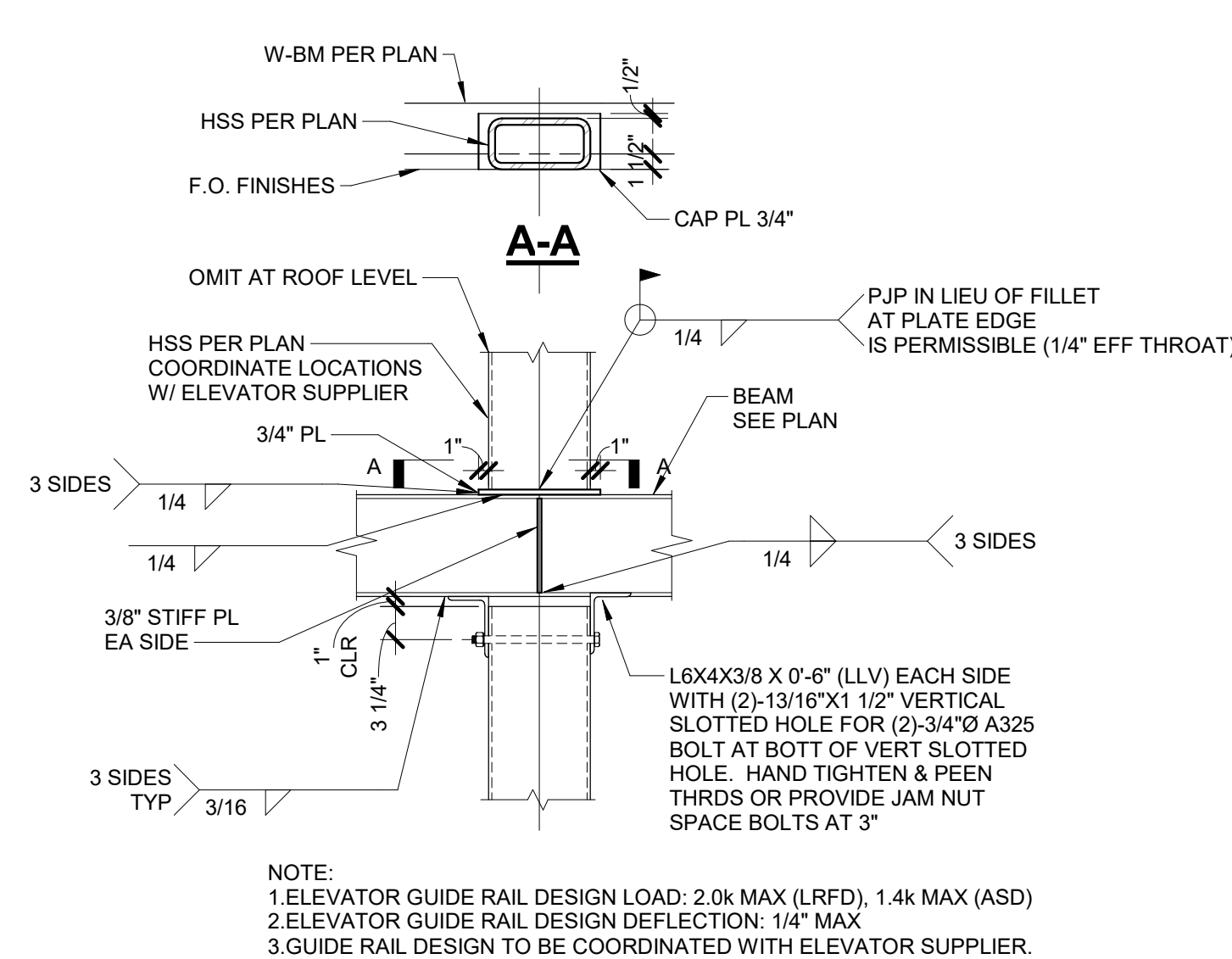
7 DETAIL AT BEAM MOMENT CONNECTION

3/4" = 1'-0"



4 ELEVATOR GUIDE RAIL CONNECTION AT PIT

1" = 1'-0"

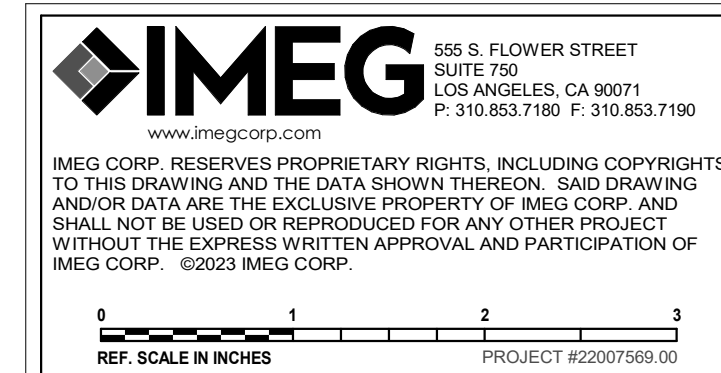


5 ELEVATOR GUIDE RAIL CONNECTION AT FLOORS

3/4" = 1'-0"

8 DETAIL AT BEAM-TO-COLUMN CONNECTION

3/4" = 1'-0"



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SHEET NAME

TYPICAL STEEL DETAILS

SHEET NUMBER

S-503

Sheet Of Sheets