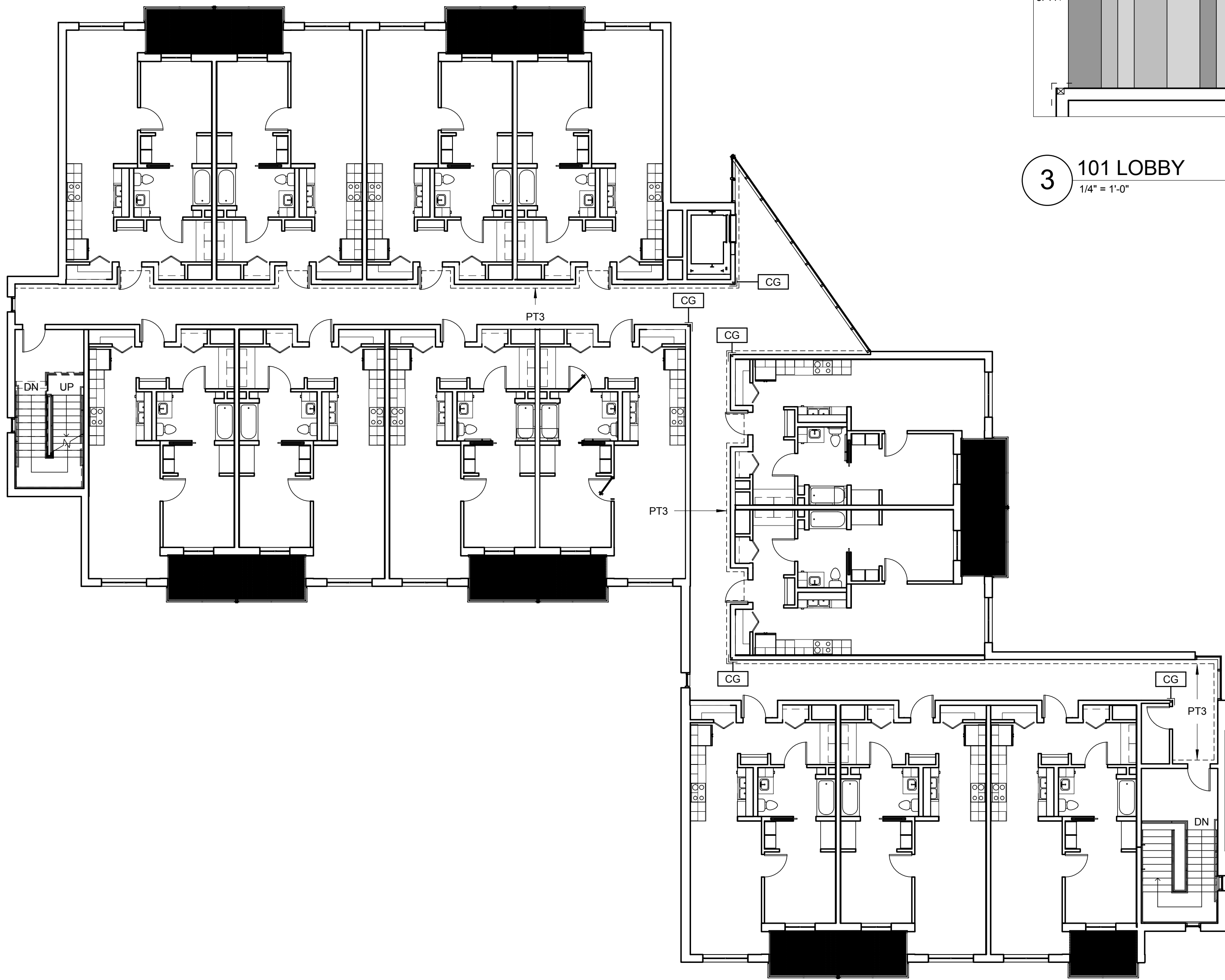
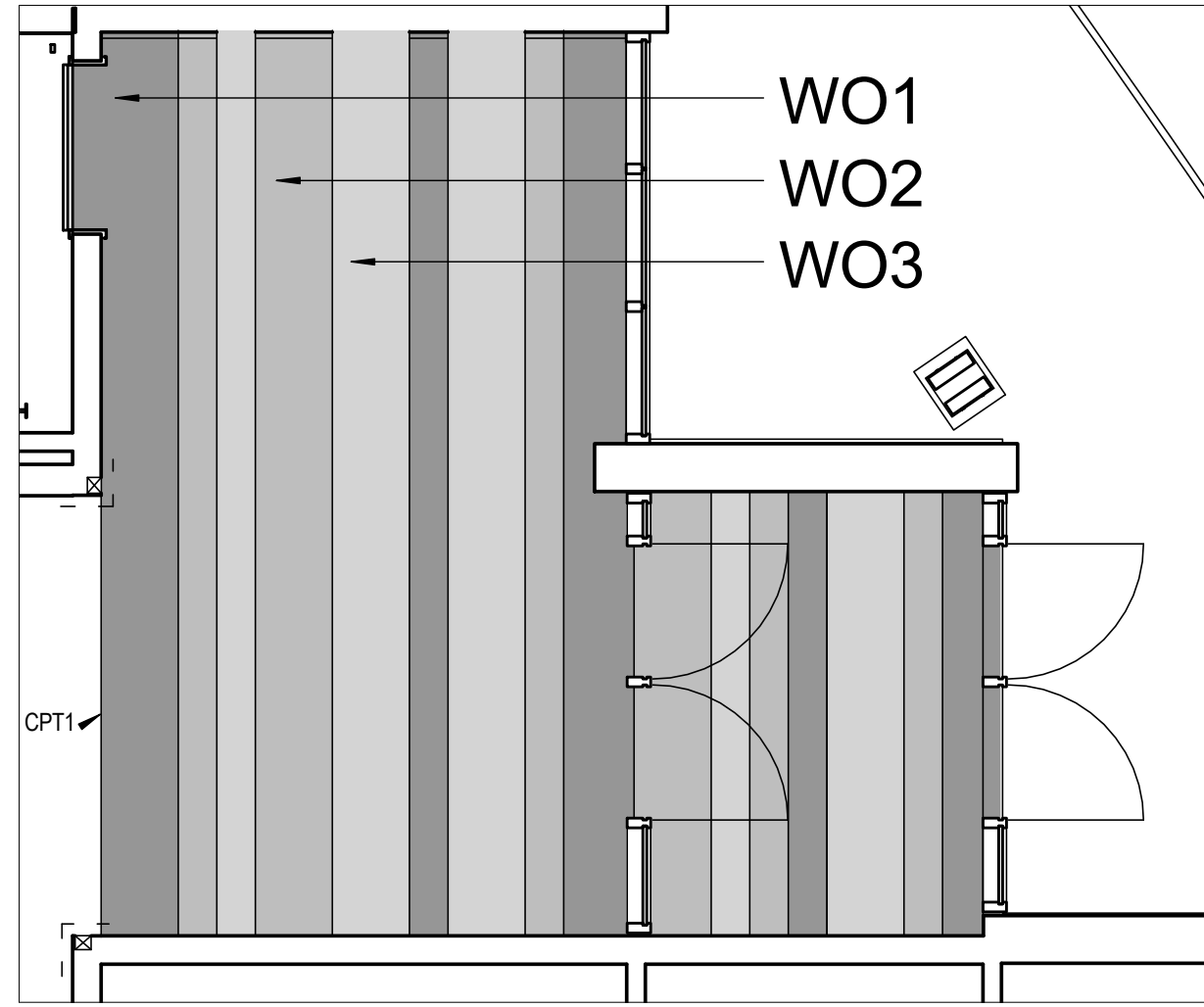
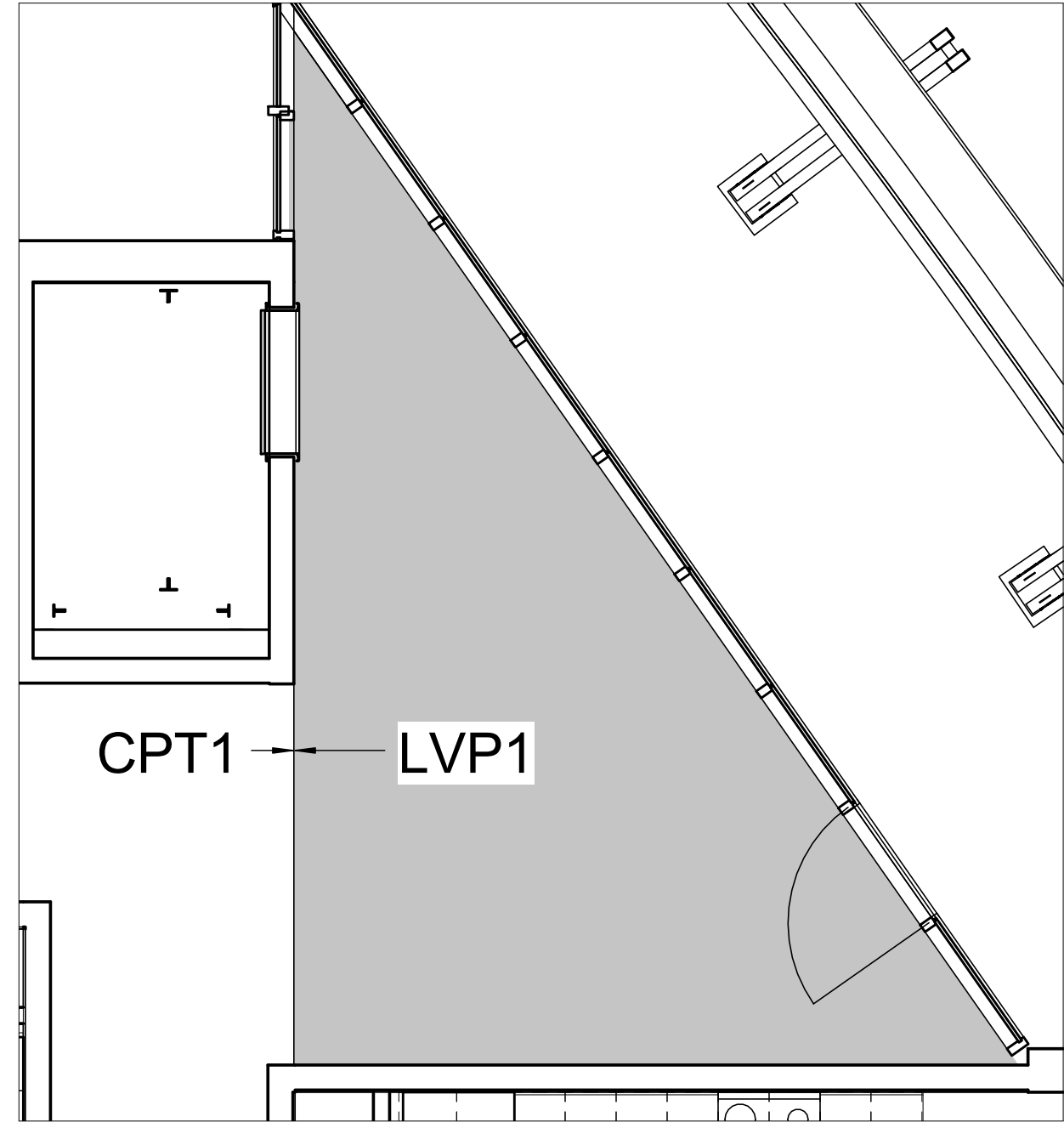




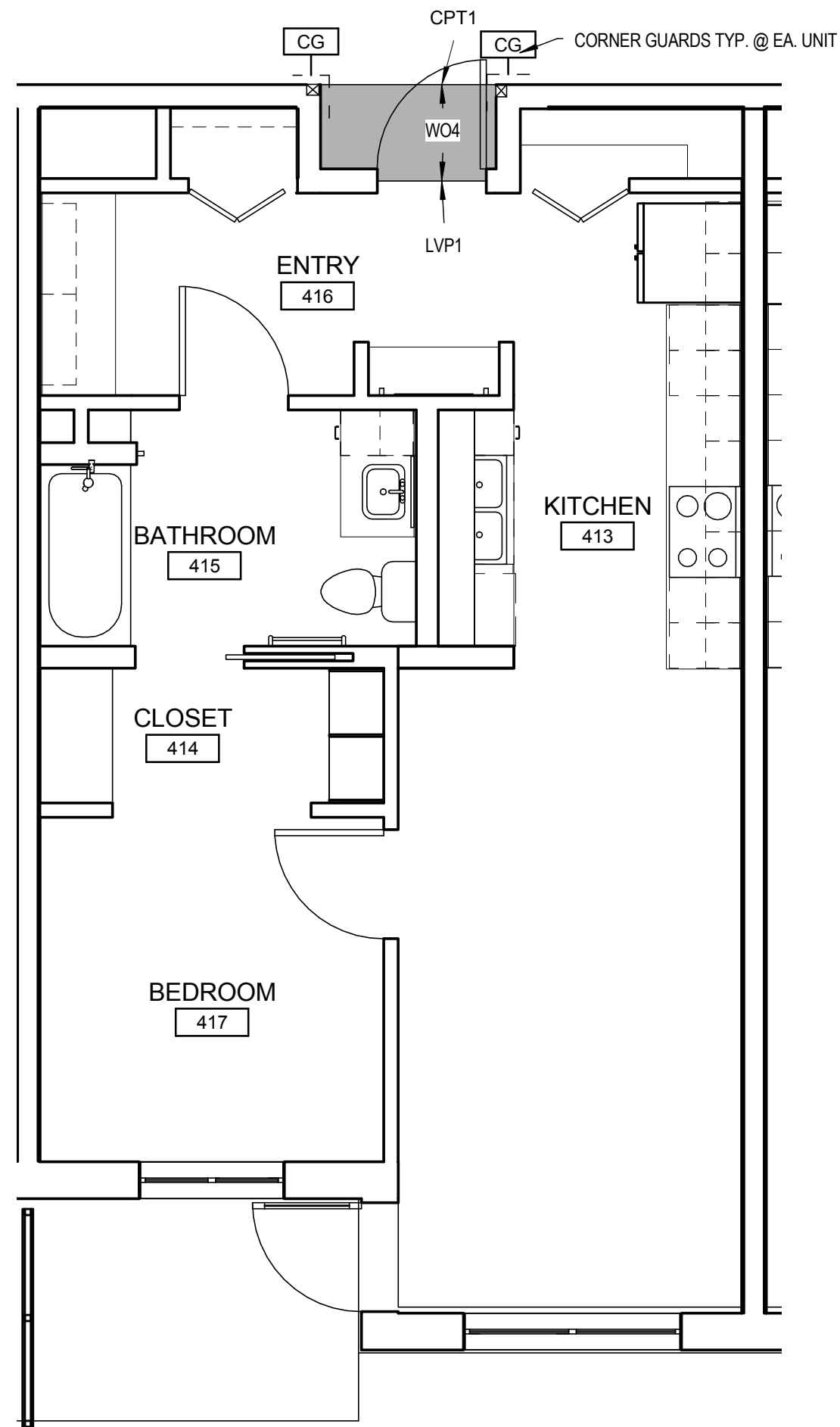
1 LEVEL 3
3/32" = 1'-0"



3 101 LOBBY
1/4" = 1'-0"



4 217 COMMUNITY ROOM
1/4" = 1'-0"



2 ENLARGED UNIT FINISH PLAN
1/4" = 1'-0"



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COOK INLET HOUSING AUTHORITY
SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO.	11089_08
DATE	04.11.2016
DRAWN	Author
REVIEWED	Checker

SHEET NAME
FINISH PLANS

SHEET NO.
A5.22

PERMIT SUBMITTAL



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COOK INLET HOUSING AUTHORITY

SPENARD MIXED USE

PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	MOA / owner review	05.18.16

JOB NO.	11089_08
DATE	04.11.2016
DRAWN	TLN
REVIEWED	TD, JPK

SHEET NAME
SIGNAGE SCHEDULES,
TYPES & DETAILS

SHEET NO.
A5.30

SIGNAGE SCHEDULE						
ROOM NUMBER	ROOM NAME	TYPE	TEXT TO READ	DOUBLE-SIDED	TEXT TO READ (SIDE B)	NOTES

106	RESIDENTIAL UNIT	A	UNIT 106	No		
107	RESIDENTIAL UNIT	A	UNIT 107	No		
108	ACCESSIBLE UNIT	A	UNIT 108	No		
109	ACCESSIBLE UNIT	A	UNIT 109	No		
110	RESIDENTIAL UNIT	A	UNIT 110	No		
111	RESIDENTIAL UNIT	A	UNIT 111	No		
112	RESIDENTIAL UNIT	A	UNIT 112	No		
201	ACCESSIBLE UNIT	A	UNIT 201	No		
202	RESIDENTIAL UNIT	A	UNIT 202	No		
203	RESIDENTIAL UNIT	A	UNIT 203	No		
204	RESIDENTIAL UNIT	A	UNIT 204	No		
206	RESIDENTIAL UNIT	A	UNIT 206	No		
207	RESIDENTIAL UNIT	A	UNIT 207	No		
208	ACCESSIBLE UNIT	A	UNIT 208	No		
209	ACCESSIBLE UNIT	A	UNIT 209	No		
210	RESIDENTIAL UNIT	A	UNIT 210	No		
211	RESIDENTIAL UNIT	A	UNIT 211	No		
212	RESIDENTIAL UNIT	A	UNIT 212	No		
215	RESIDENTIAL UNIT	A	UNIT 215	No		
216	ACCESSIBLE UNIT	A	UNIT 216	No		
301	ACCESSIBLE UNIT	A	UNIT 301	No		
302	RESIDENTIAL UNIT	A	UNIT 302	No		
303	RESIDENTIAL UNIT	A	UNIT 303	No		
304	RESIDENTIAL UNIT	A	UNIT 304	No		
306	RESIDENTIAL UNIT	A	UNIT 306	No		
307	RESIDENTIAL UNIT	A	UNIT 307	No		
308	ACCESSIBLE UNIT	A	UNIT 308	No		
309	ACCESSIBLE UNIT	A	UNIT 309	No		
310	RESIDENTIAL UNIT	A	UNIT 310	No		
311	RESIDENTIAL UNIT	A	UNIT 311	No		
312	RESIDENTIAL UNIT	A	UNIT 312	No		
315	RESIDENTIAL UNIT	A	UNIT 315	No		
316	ACCESSIBLE UNIT	A	UNIT 316	No		
Grand total: 33						

LEGEND

SIGN TYPE A

TEXT
BACKGROUND
CLEAR GRADE II BRAILLE
DOMED TOP

SIGN TYPE B

BACKGROUND
PICTOGRAM
STAIR NAME
CLEAR GRADE II BRAILLE
DOMED TOP

SIGN TYPE C

FLOOR LEVEL FONT: TBD
COLOR TO MATCH PANTONE: TBD
STAIR NAME
ROOF ACCESS (STAIR 1 ONLY)
CLEAR GRADE II BRAILLE DOMED TOP

SIGN TYPE D

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
WALL RETURN
LEVEL 1

SIGN TYPE E

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 2

SIGN TYPE F

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 3

SIGN TYPE G

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 4

SIGN TYPE H

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 5

SIGN TYPE I

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 6

SIGN TYPE J

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 7

SIGN TYPE K

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 8

SIGN TYPE L

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 9

SIGN TYPE M

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 10

SIGN TYPE N

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 11

SIGN TYPE O

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 12

SIGN TYPE P

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 13

SIGN TYPE Q

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 14

SIGN TYPE R

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 15

SIGN TYPE S

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 16

SIGN TYPE T

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 17

SIGN TYPE U

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 18

SIGN TYPE V

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 19

SIGN TYPE W

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 20

SIGN TYPE X

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 21

SIGN TYPE Y

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 22

SIGN TYPE Z

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 23

SIGN TYPE AA

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 24

SIGN TYPE AB

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 25

SIGN TYPE AC

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 26

SIGN TYPE AD

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 27

SIGN TYPE AE

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 28

SIGN TYPE AF

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 29

SIGN TYPE AG

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 30

SIGN TYPE AH

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 31

SIGN TYPE AI

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 32

SIGN TYPE AJ

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 33

SIGN TYPE AK

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 34

SIGN TYPE AL

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 35

SIGN TYPE AM

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 36

SIGN TYPE AN

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 37

SIGN TYPE AO

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 38

SIGN TYPE AP

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 39

SIGN TYPE AQ

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 40

SIGN TYPE AR

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 41

SIGN TYPE AS

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 42

SIGN TYPE AT

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 43

SIGN TYPE AU

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 44

SIGN TYPE AV

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 45

SIGN TYPE AW

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 46

SIGN TYPE AX

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 47

SIGN TYPE AY

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 48

SIGN TYPE AZ

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 49

SIGN TYPE BA

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 50

SIGN TYPE BB

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 51

SIGN TYPE BC

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 52

SIGN TYPE BD

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 53

SIGN TYPE BE

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 54

SIGN TYPE BF

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 55

SIGN TYPE BG

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 56

SIGN TYPE BH

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 57

SIGN TYPE BI

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 58

SIGN TYPE BJ

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 59

SIGN TYPE BK

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 60

SIGN TYPE BL

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 61

SIGN TYPE BM

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 62

SIGN TYPE BN

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 63

SIGN TYPE BO

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 64

SIGN TYPE BP

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 65

SIGN TYPE BQ

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 66

SIGN TYPE BR

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 67

SIGN TYPE BS

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 68

SIGN TYPE BT

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 69

SIGN TYPE BU

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 70

SIGN TYPE BV

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 71

SIGN TYPE BW

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 72

SIGN TYPE BX

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 73

SIGN TYPE BY

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 74

SIGN TYPE BZ

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 75

SIGN TYPE CA

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 76

SIGN TYPE CB

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 77

SIGN TYPE CC

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 78

SIGN TYPE CD

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 79

SIGN TYPE CE

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 80

SIGN TYPE CF

PAINTED NUMERICAL GRAPHIC
ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 81

SIGN TYPE CG

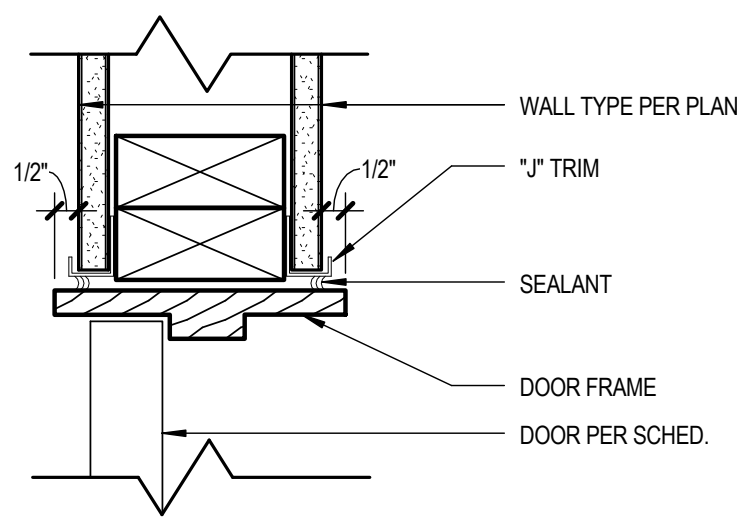
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ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 82

SIGN TYPE CH

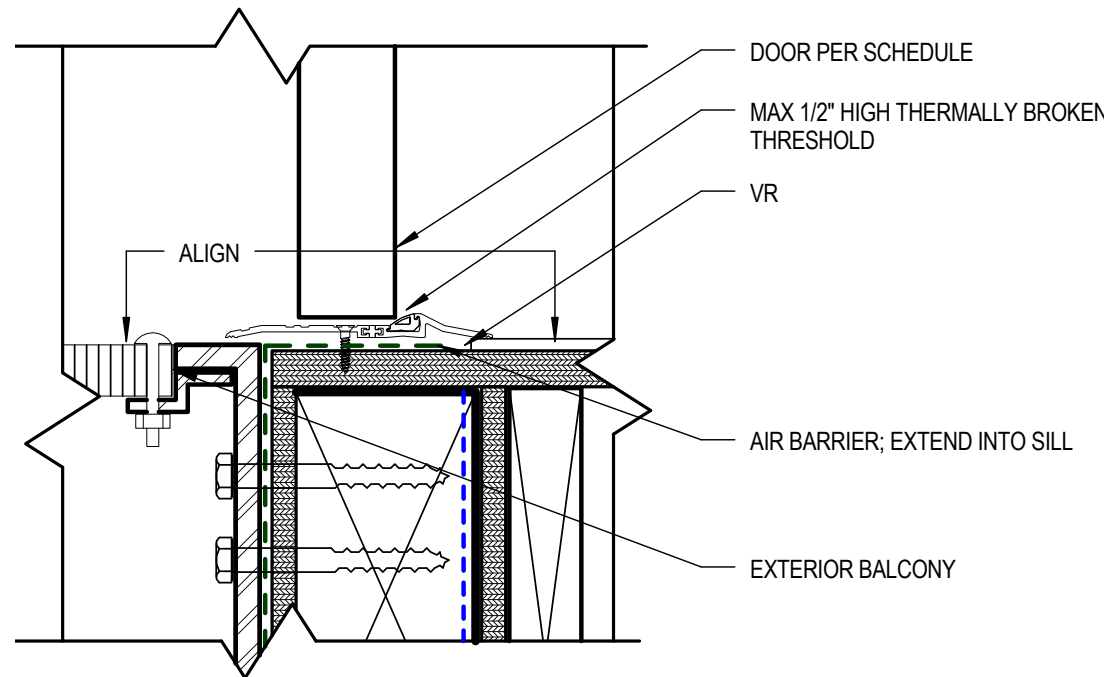
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ELEVATOR DOOR FRAME
ADJACENT WALL
LEVEL 83

SIGN TYPE CI

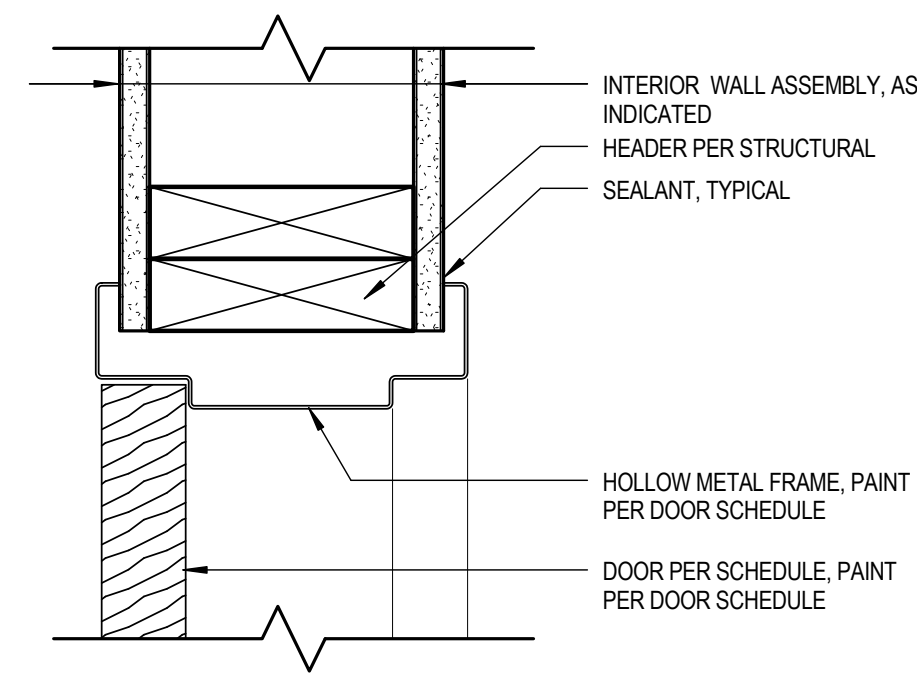
PAINTED NUM



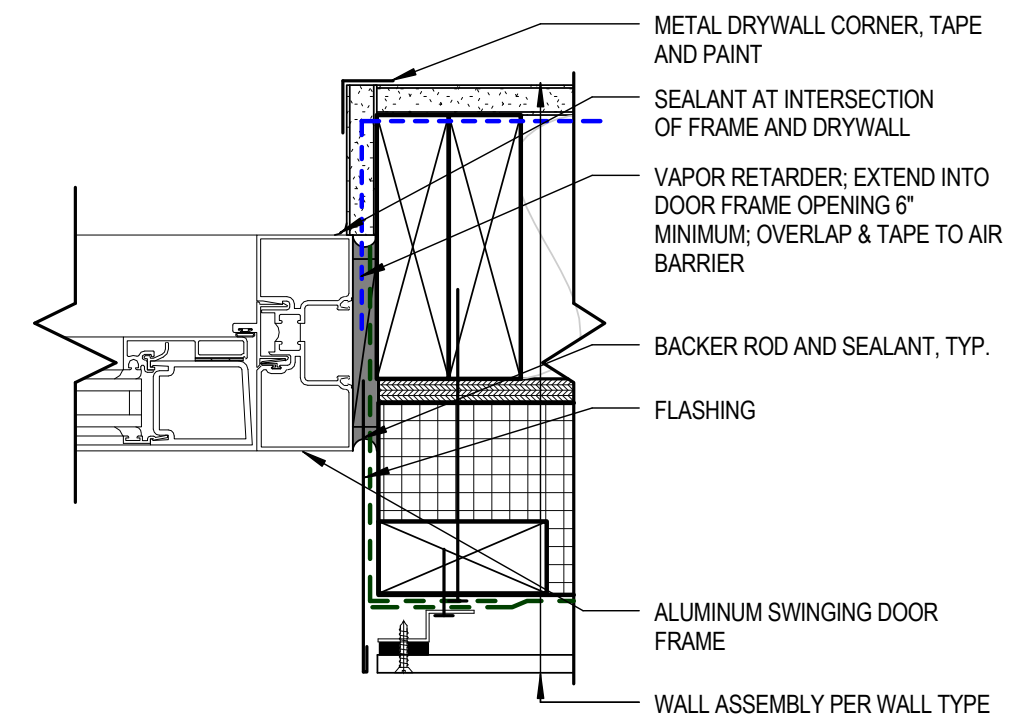
14 BEDROOM DOOR JAMB(HEAD SIM)
3" = 1'-0"



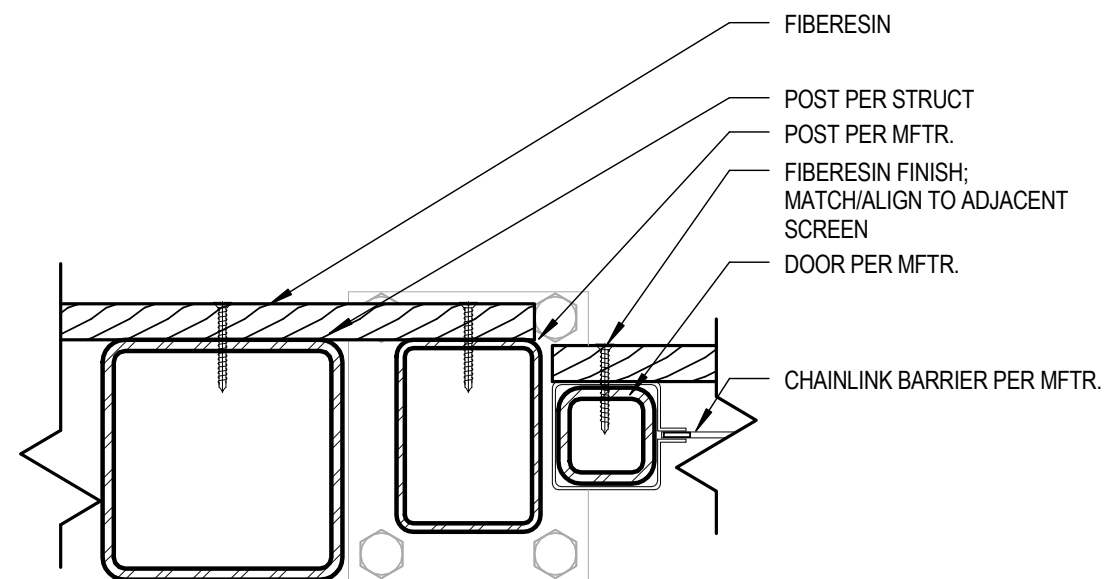
11 BALCONY DOOR
3" = 1'-0"



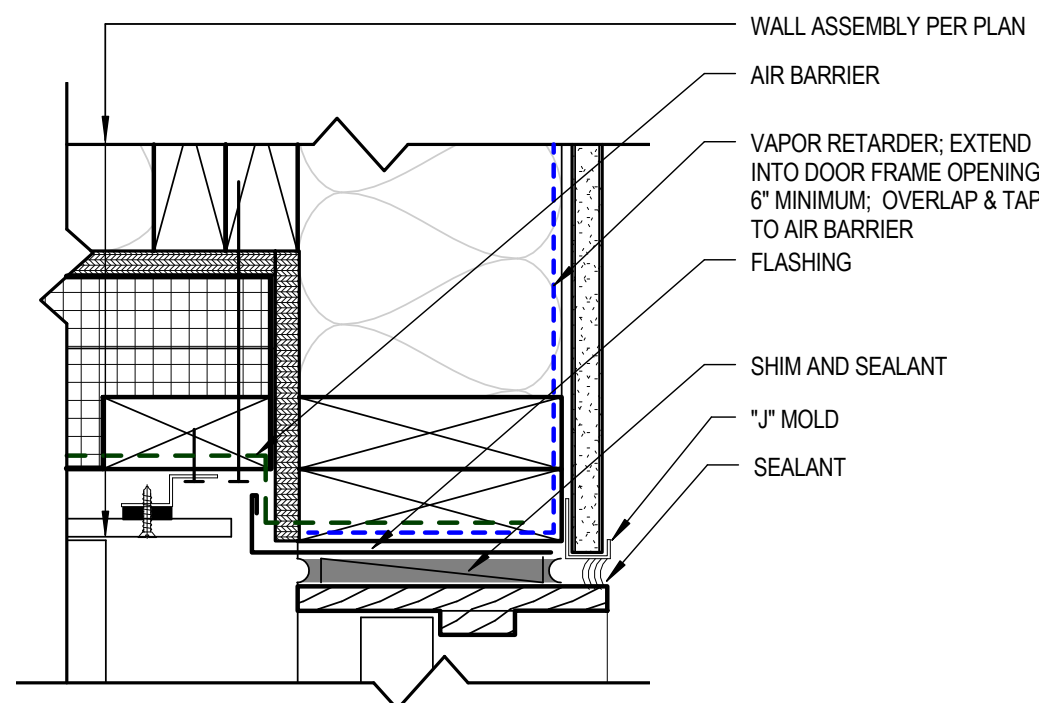
7 HM DOOR HEAD (JAMB SIM)
3" = 1'-0"



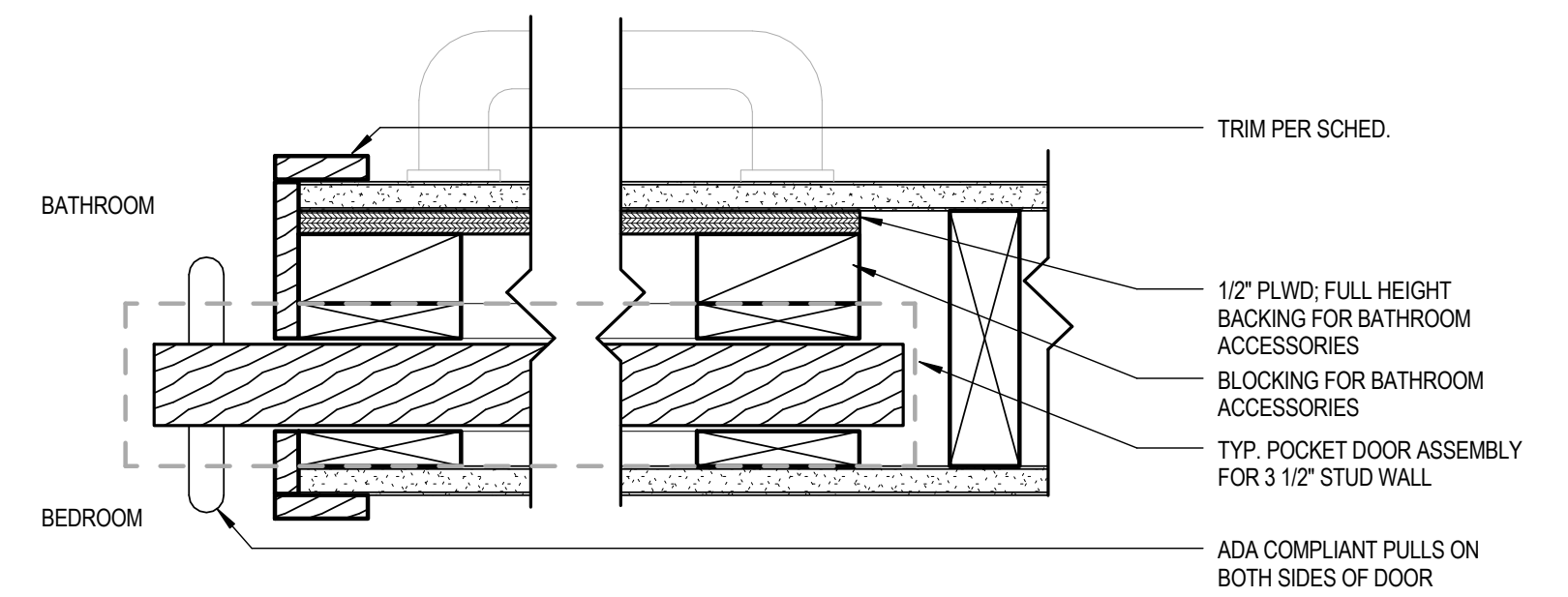
3 ALUM EXT. SWINGING DOOR JAMB
3" = 1'-0"



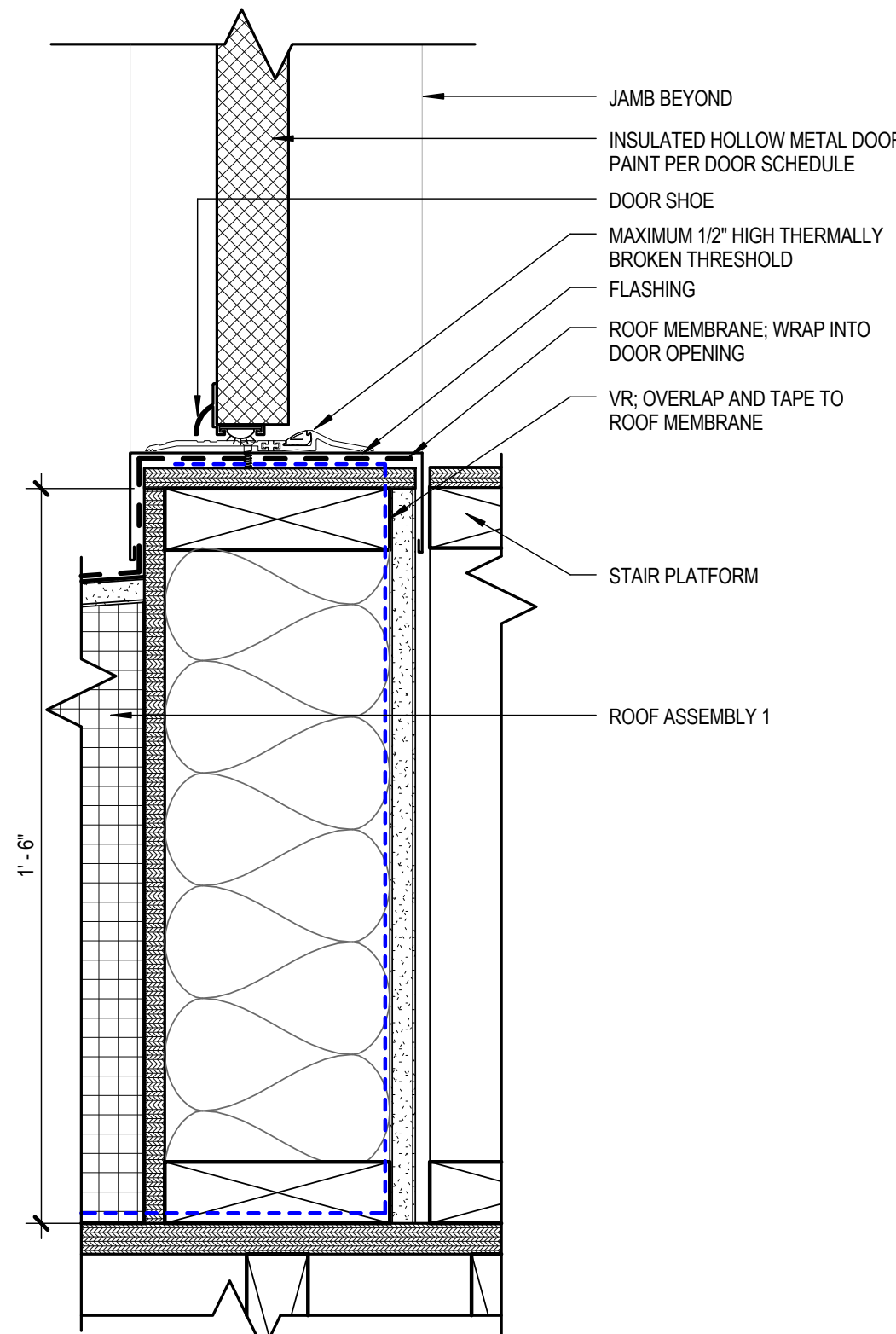
13 BIKE STORAGE GATE
3" = 1'-0"



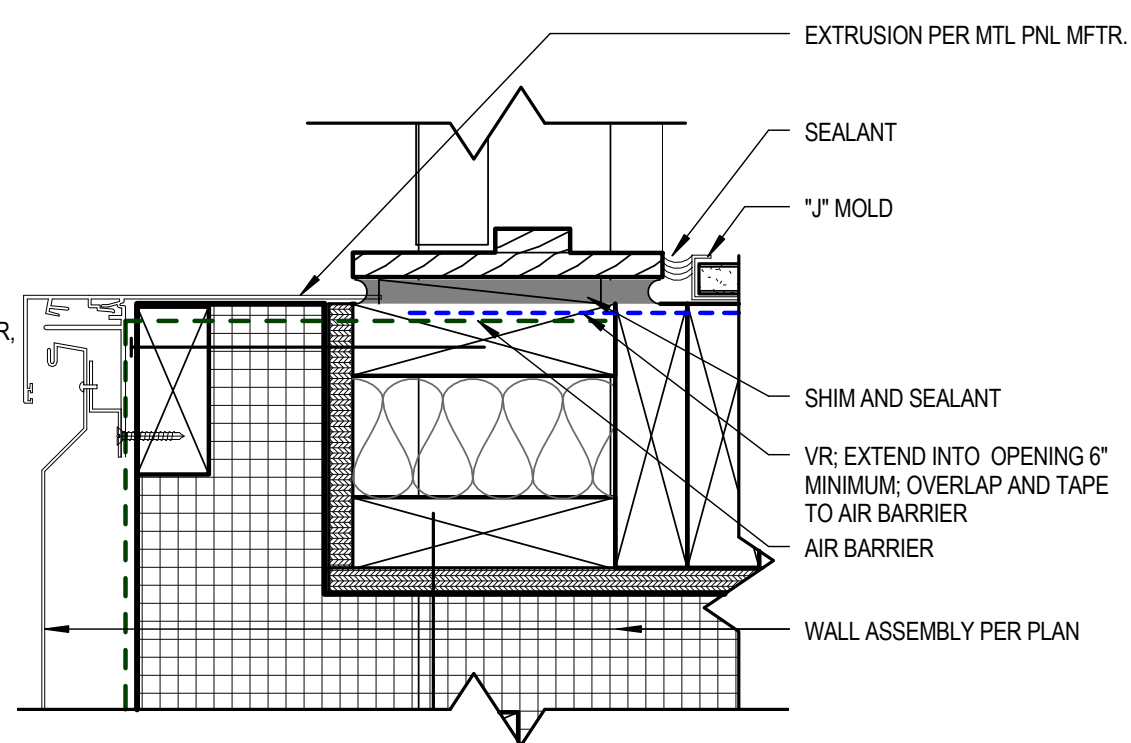
10 BALCONY DOOR TYP. 2
3" = 1'-0"



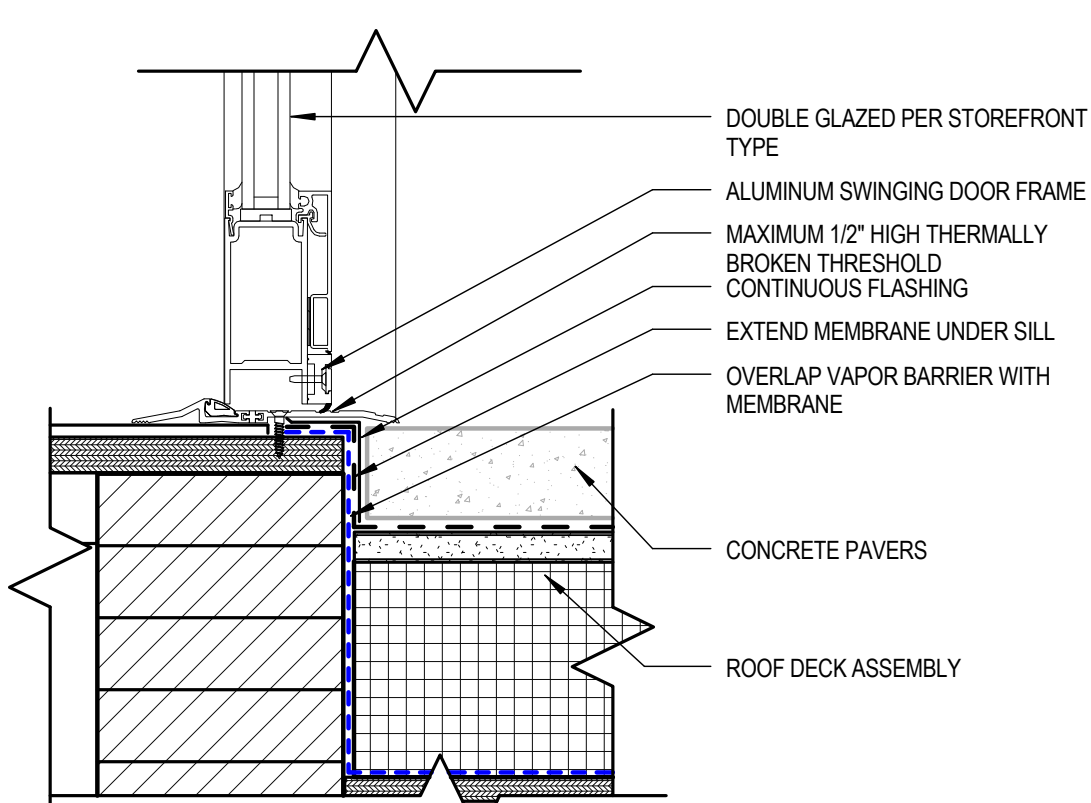
6 POCKET DOOR DETAIL
3" = 1'-0"



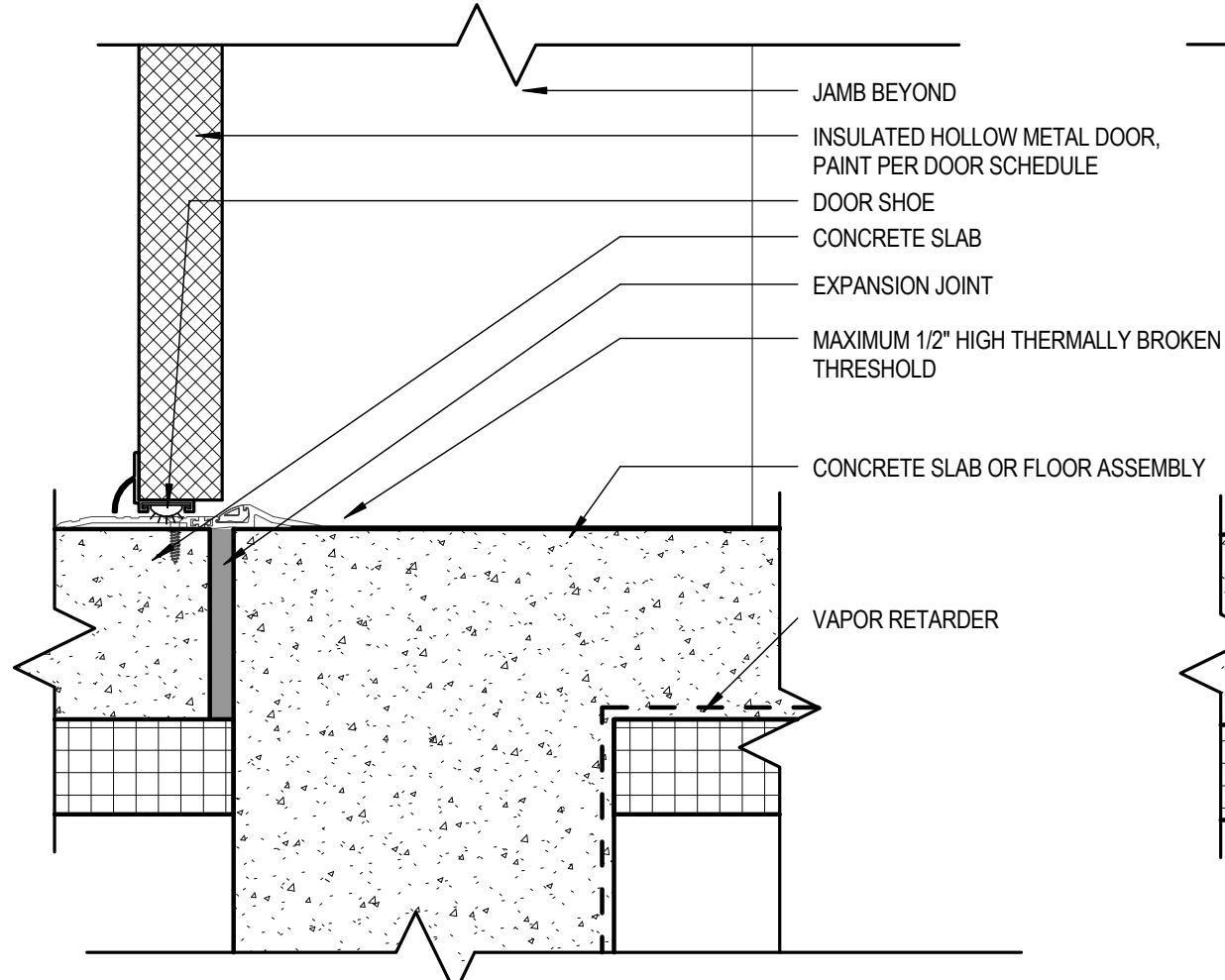
15 BI-FOLD DOOR JAMB(HEAD SIM)
3" = 1'-0"



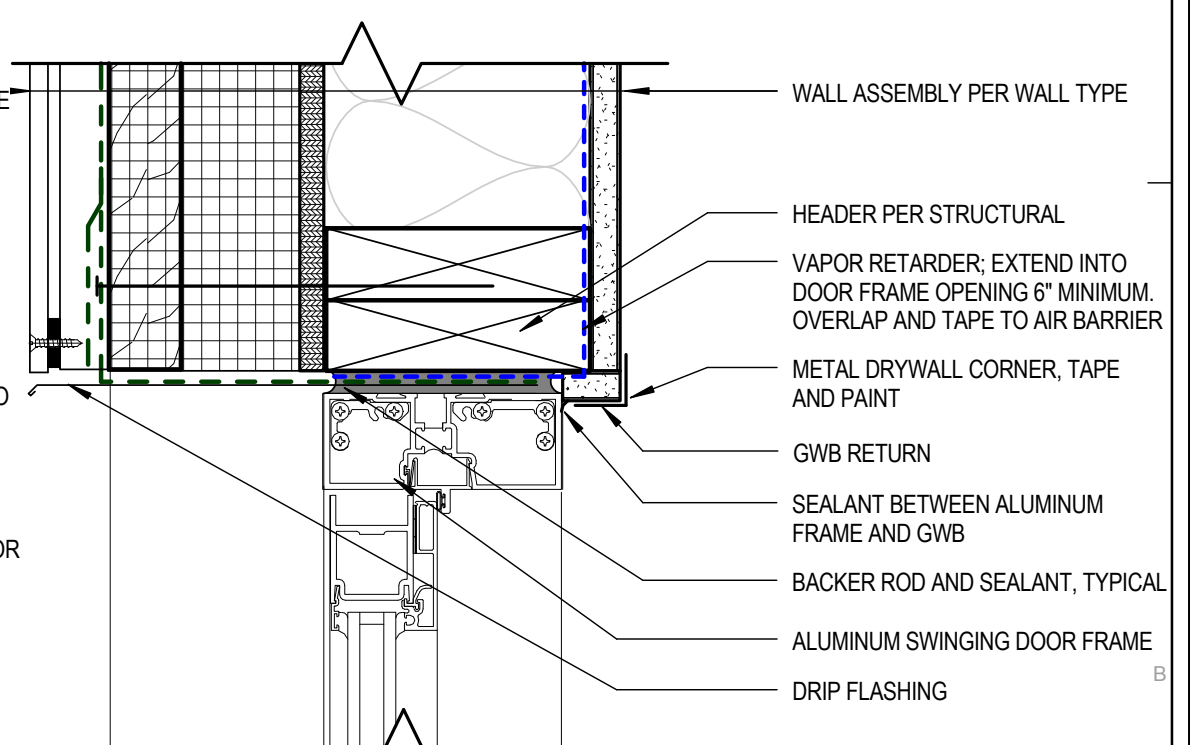
9 BALCONY DOOR TYP. (HEAD SIM)
3" = 1'-0"



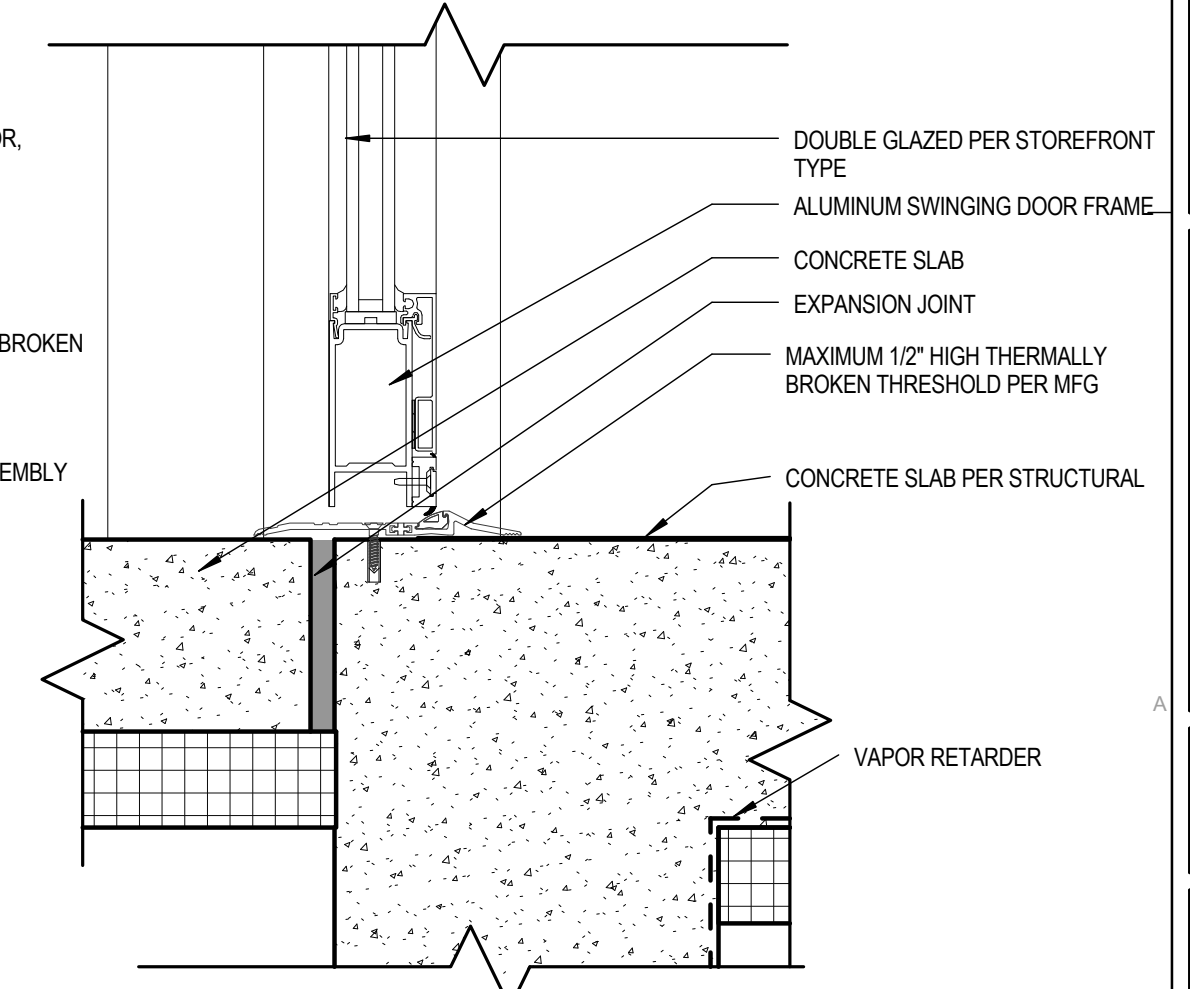
8 ALUM. EXT. DOOR SILL ROOF DECK
3" = 1'-0"



4 IHM DOOR SILL
3" = 1'-0"



2 ALUM. EXT. SWINGING DOOR HEAD
3" = 1'-0"



1 ALUM. EXT. SWINGING DOOR SILL
3" = 1'-0"



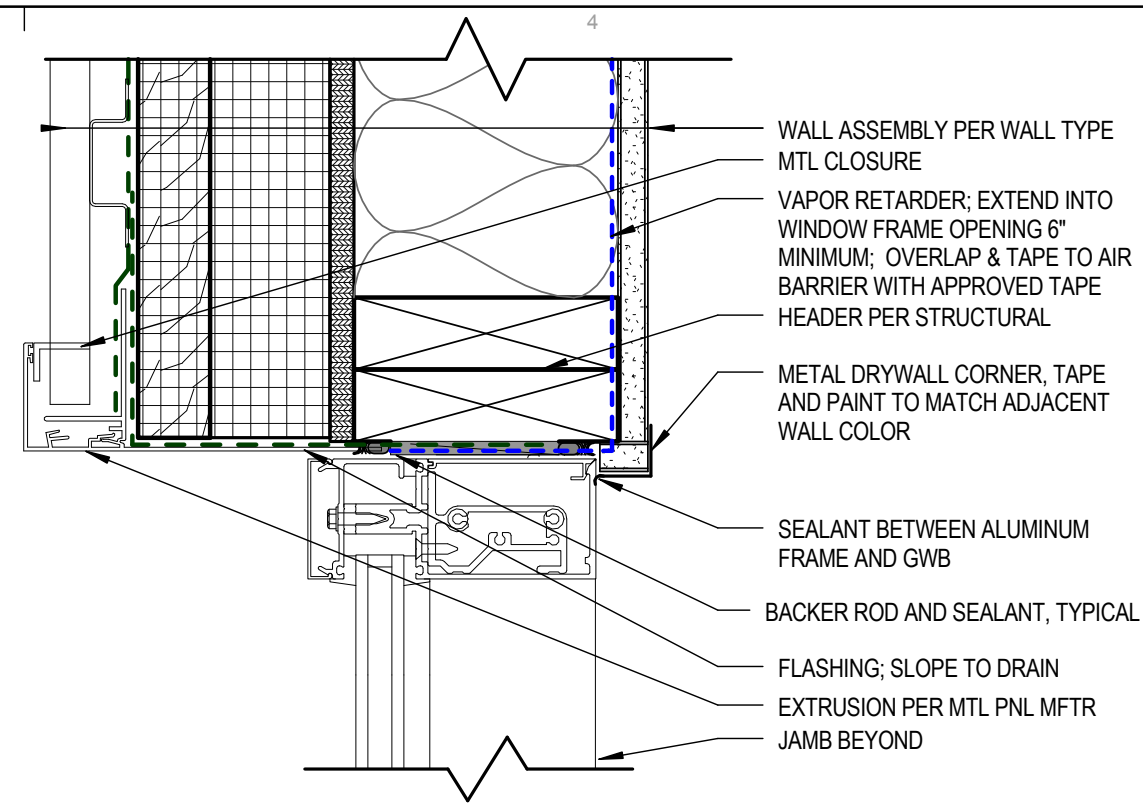
COOK INLET HOUSING AUTHORITY
SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE

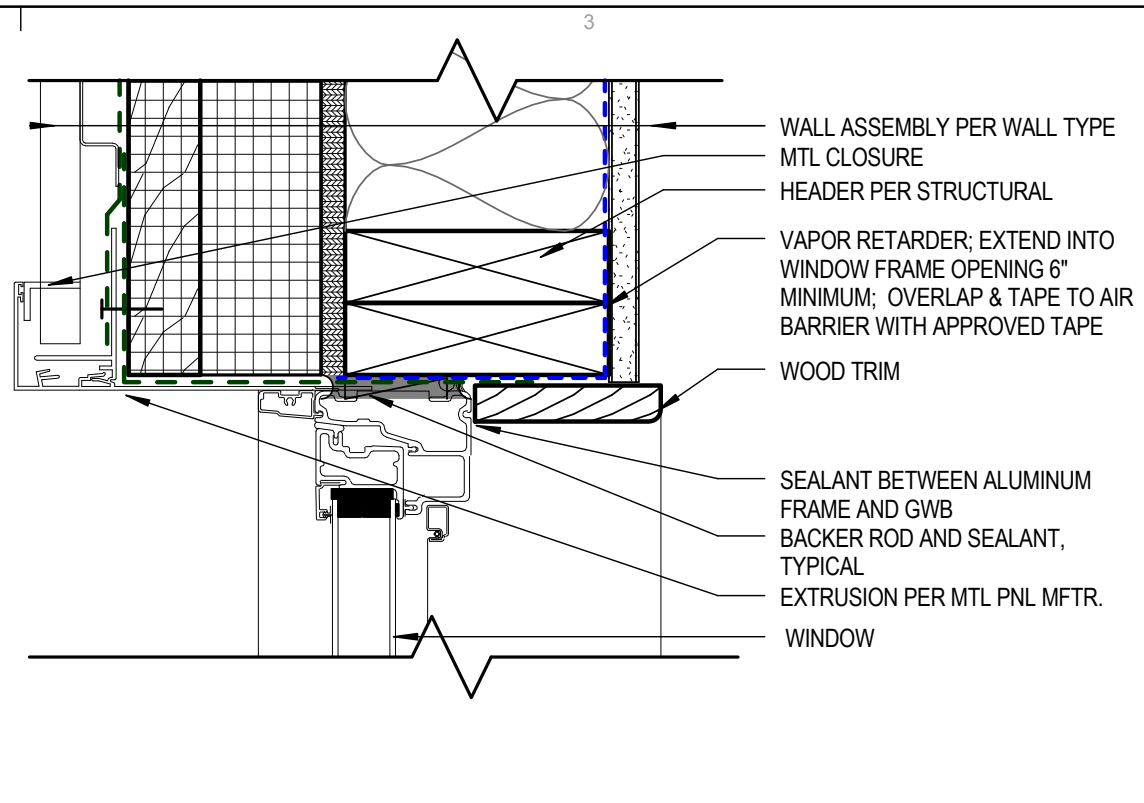
JOB NO.	11089_08
DATE	04.11.2016
DRAWN	Author
REVIEWED	Checker

SHEET NAME
DOOR DETAILS

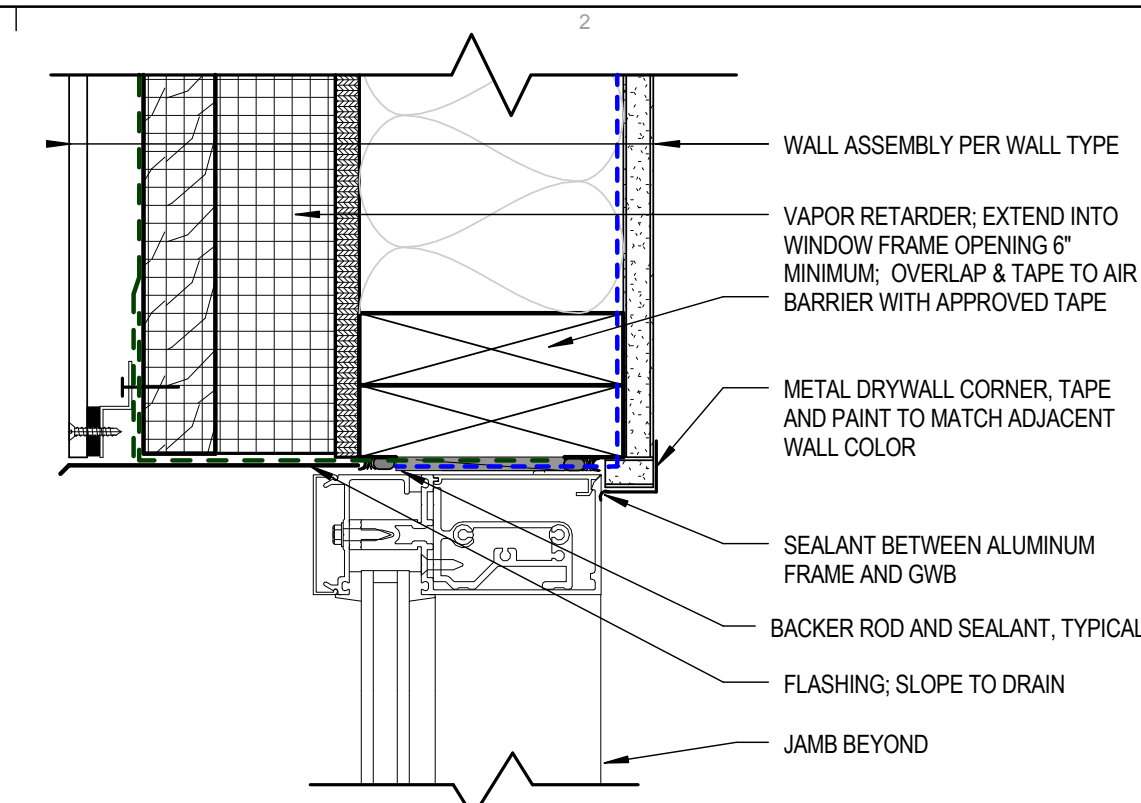
SHEET NO.
A6.00



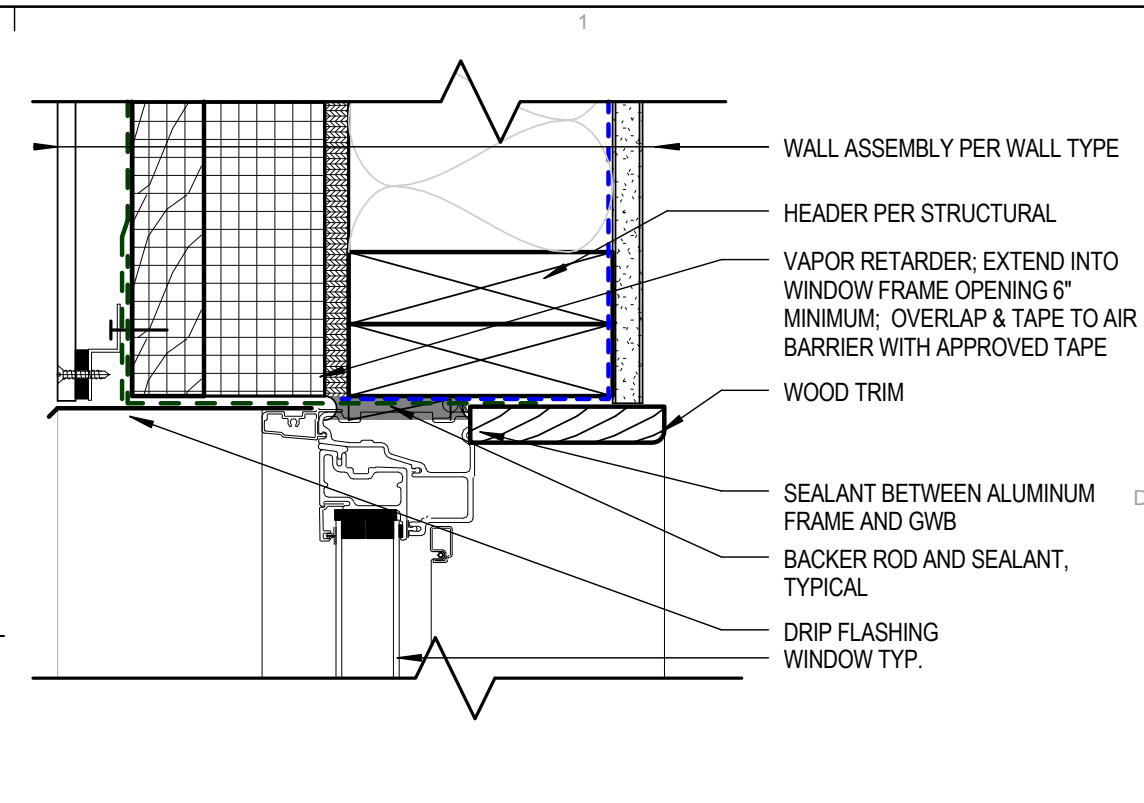
11 CURTAIN WALL HEAD(JAMB SIM)@ MTL PNL
3" = 1'-0"



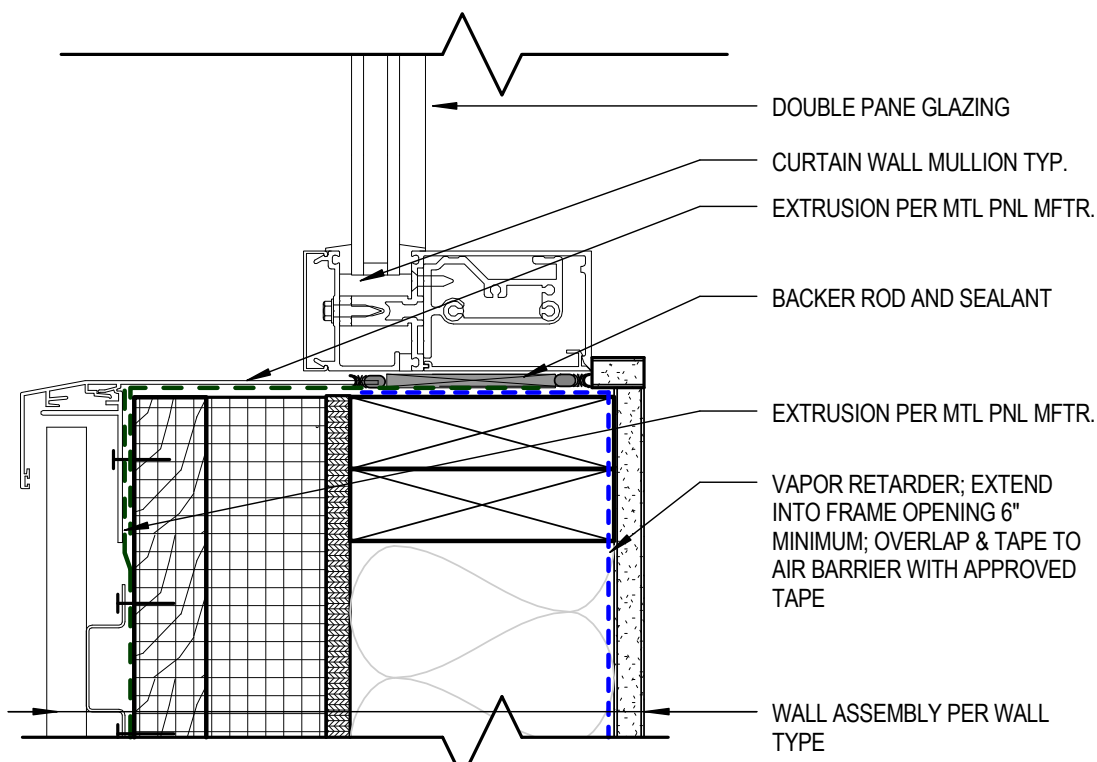
9 WINDOW - HEAD (JAMB SIM) @ MTL PNL
3" = 1'-0"



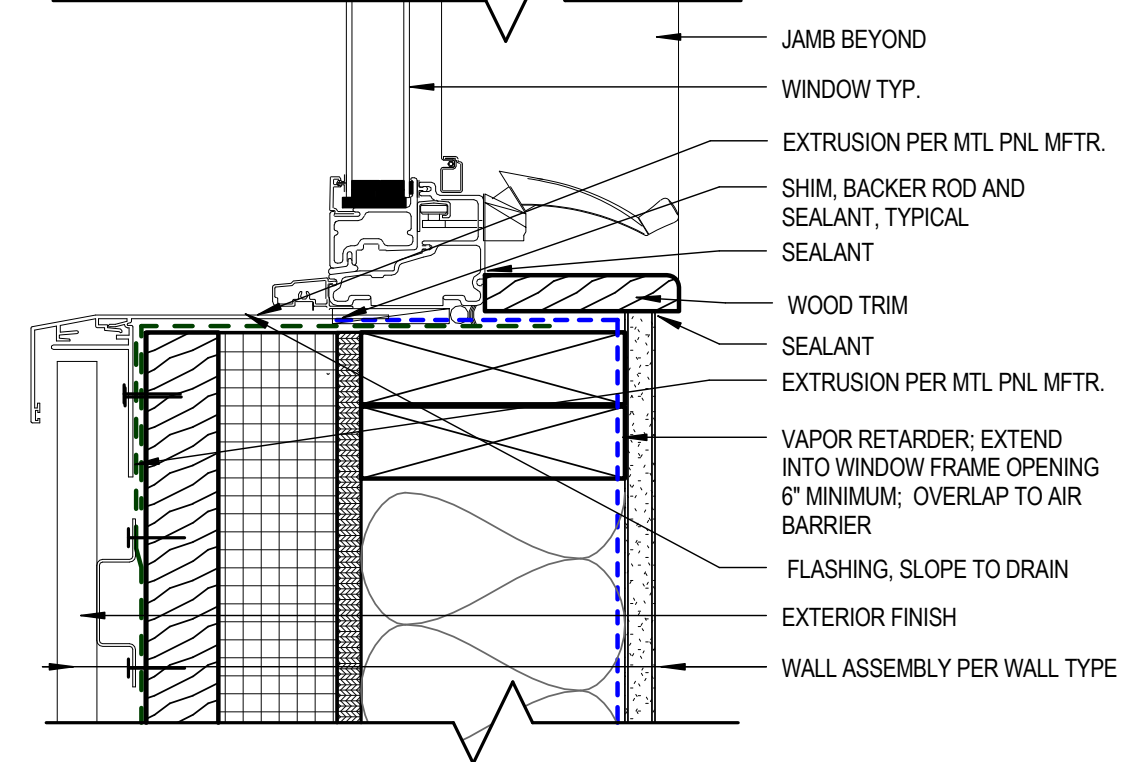
6 CURTAIN WALL WINDOW HEAD(JAMB SIM)
3" = 1'-0"



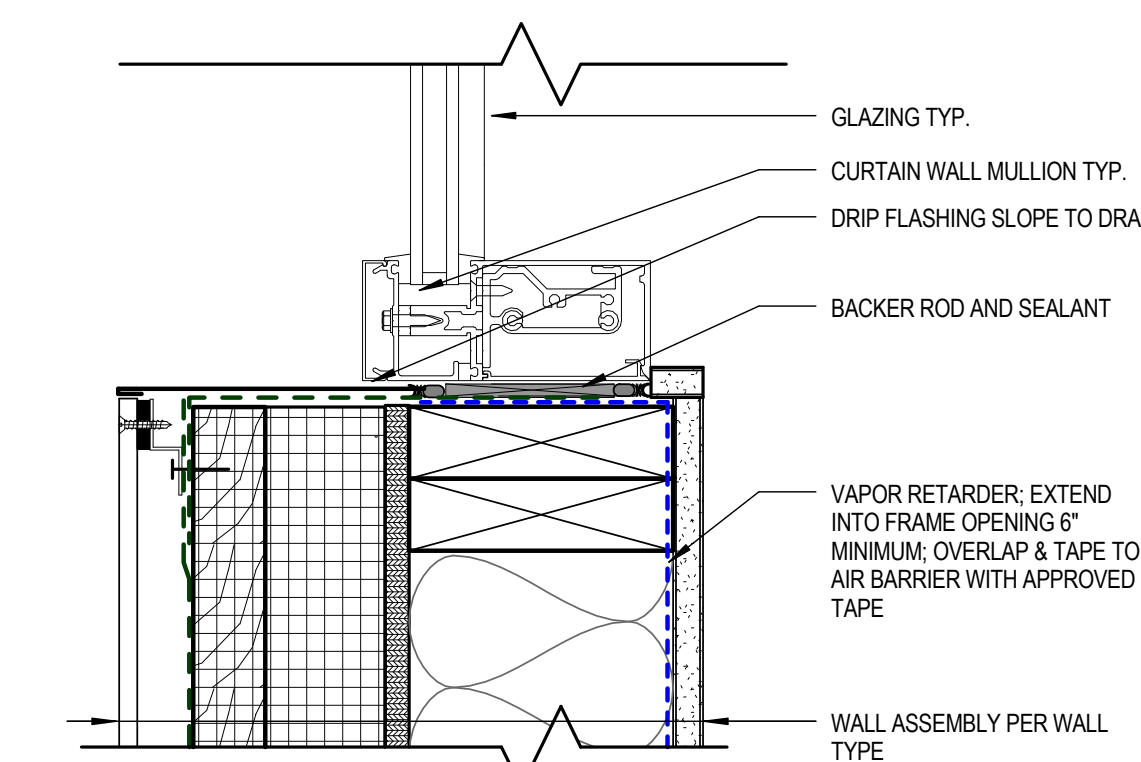
3 WINDOW - HEAD (JAMB SIM) TYP.
3" = 1'-0"



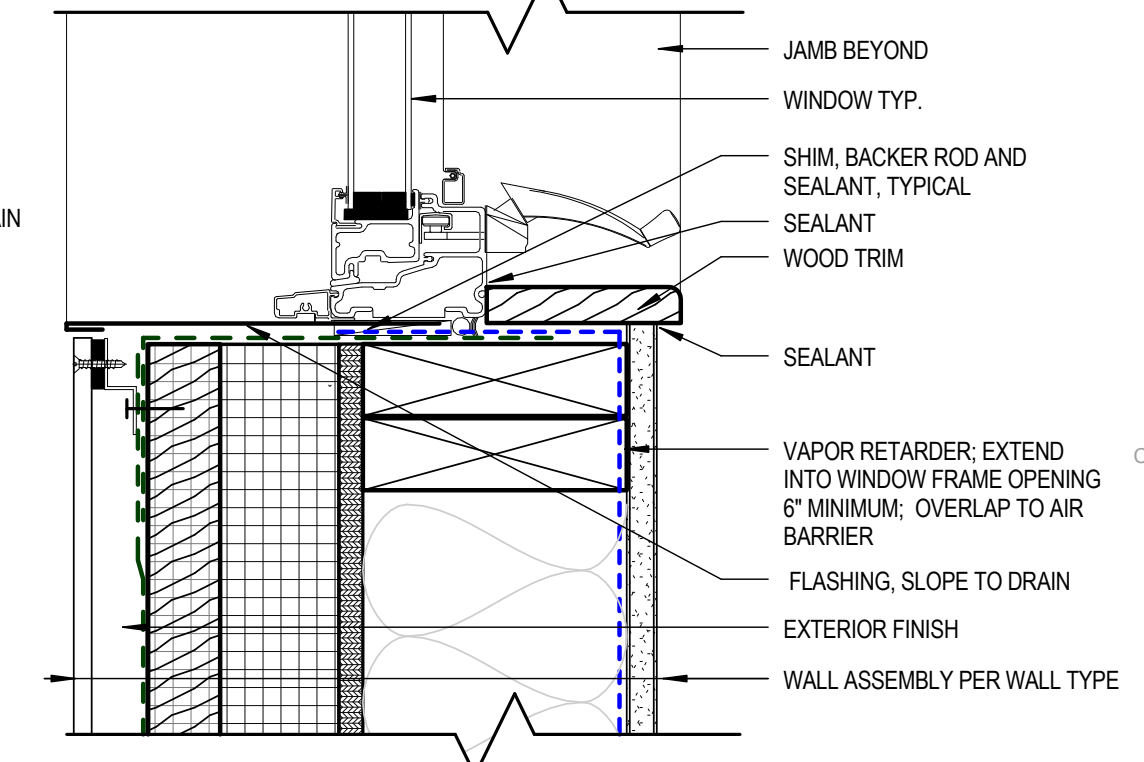
10 CURTAIN WALL SILL @ MTL PNL
3" = 1'-0"



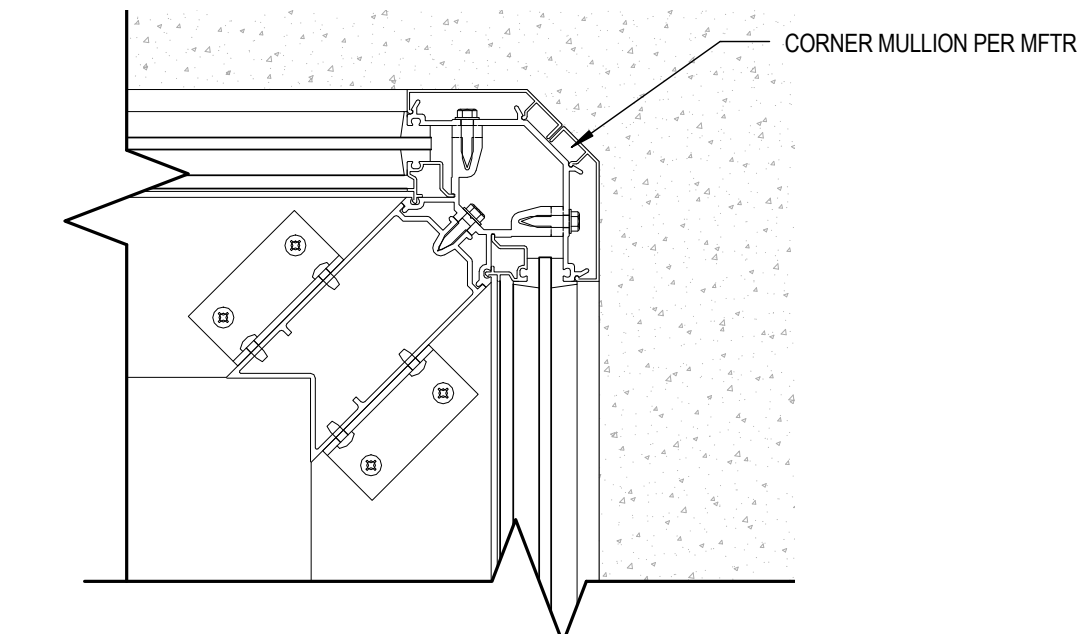
8 WINDOW- SILL @ MTL PNL
3" = 1'-0"



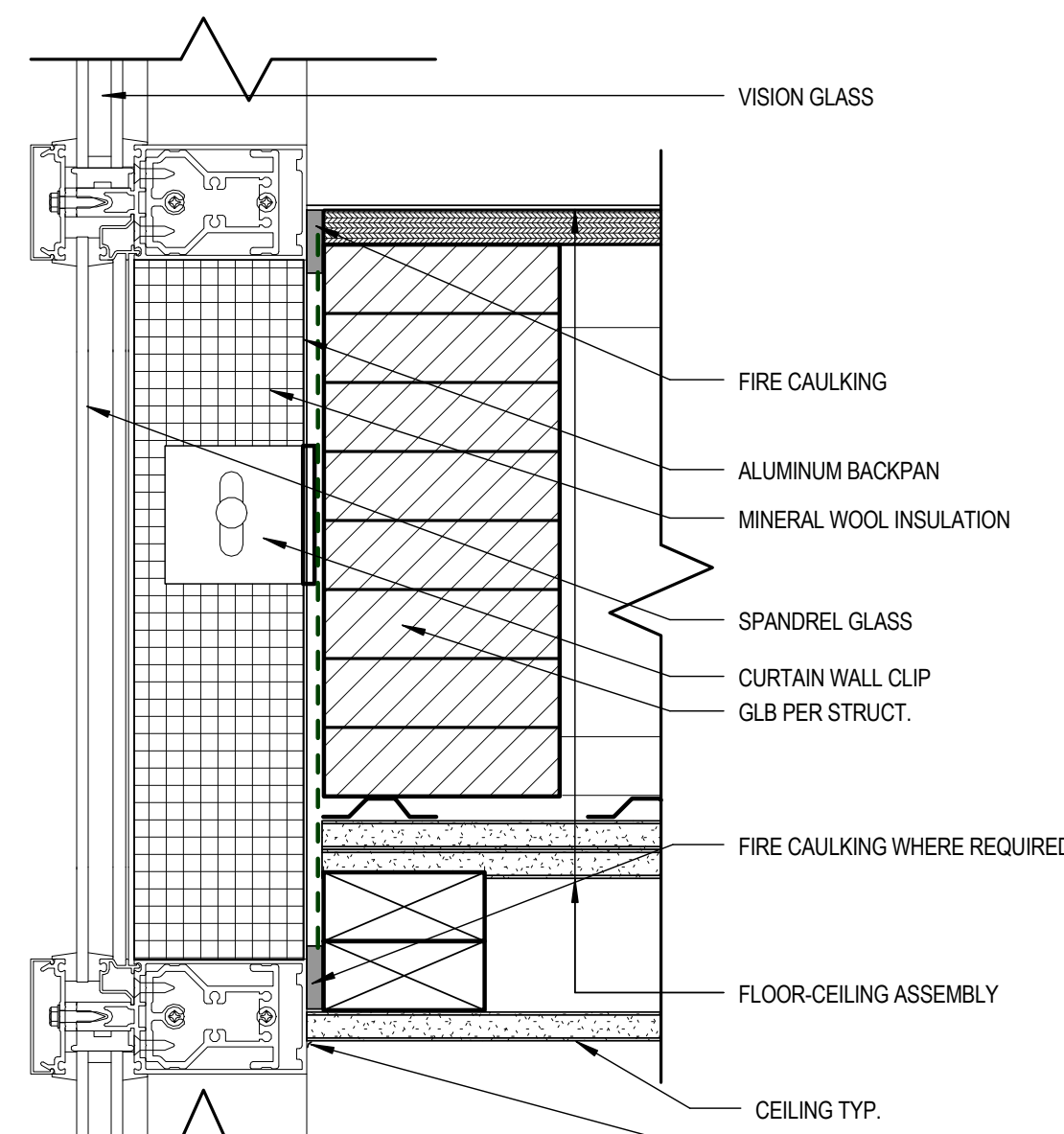
5 CURTAIN WALL SILL TYP.
3" = 1'-0"



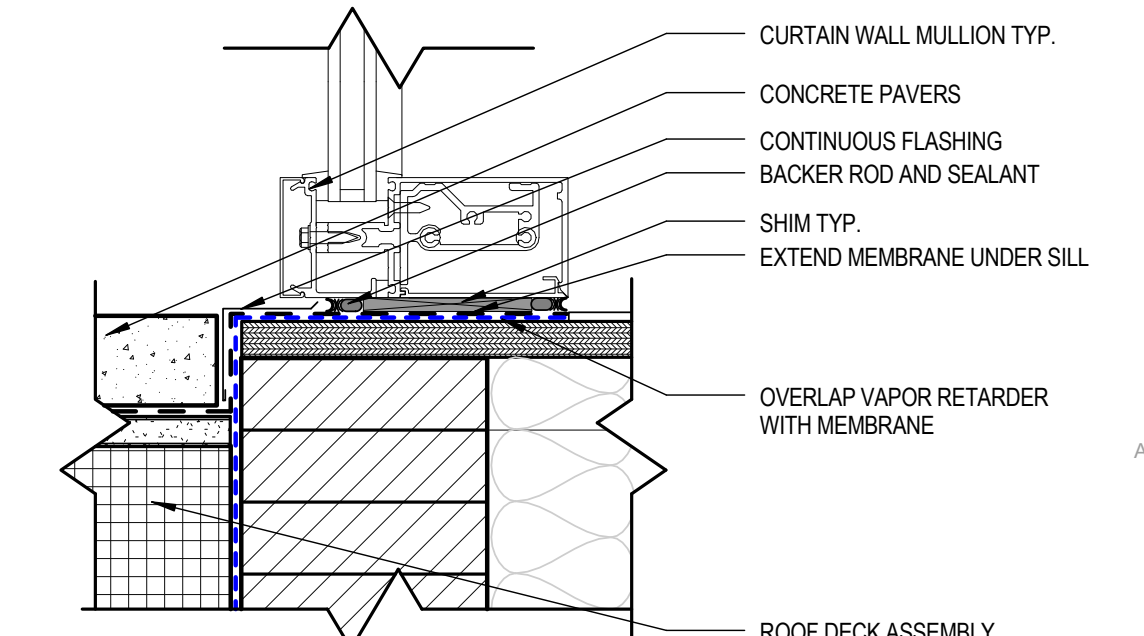
2 WINDOW- SILL TYP.
3" = 1'-0"



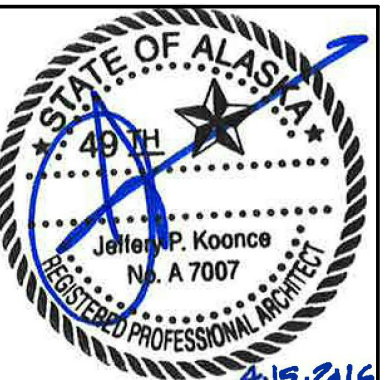
7 CURTAIN WALL CORNER TYP.
3" = 1'-0"



4 CURTAIN WALL @ FLOOR
3" = 1'-0"



1 CURTAIN WALL @ ROOF DECK
3" = 1'-0"



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ANCHORAGE, AK 99501
[V9072747448] [P907274707]

COOK INLET HOUSING AUTHORITY

SPENARD MIXED USE

PERMIT SET (100%)
ANCHORAGE, AK

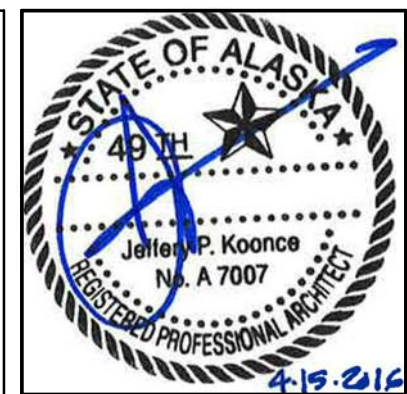
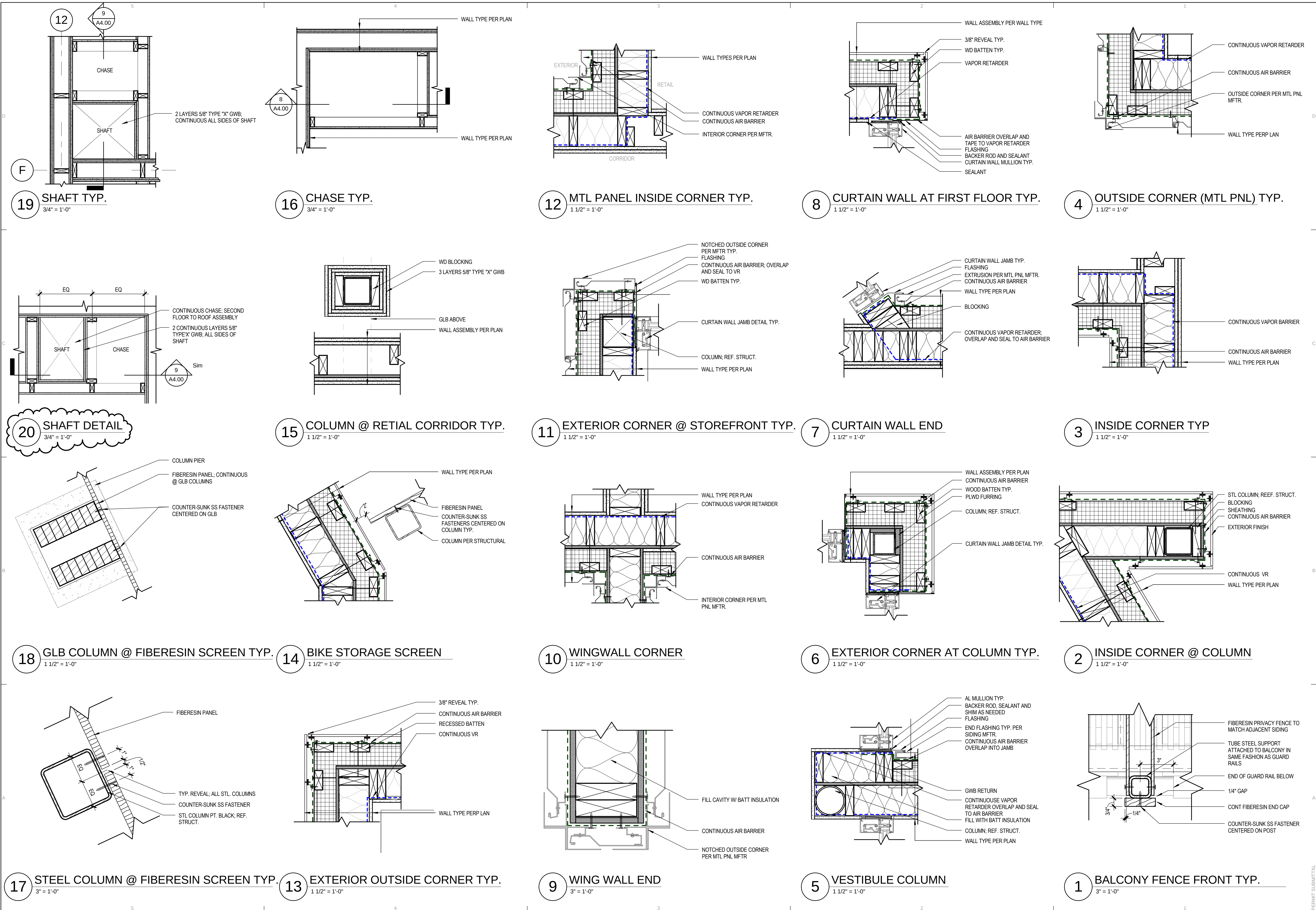
REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO.	11089_08
DATE	04.11.2016
DRAWN	Author
REVIEWED	Checker

SHEET NAME
WINDOW DETAILS

SHEET NO.
A6.10

PERMIT SUBMITTAL



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SPENARD MIXED USE

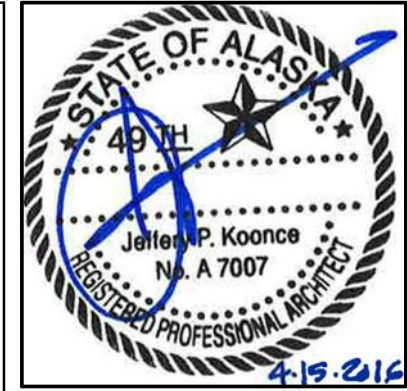
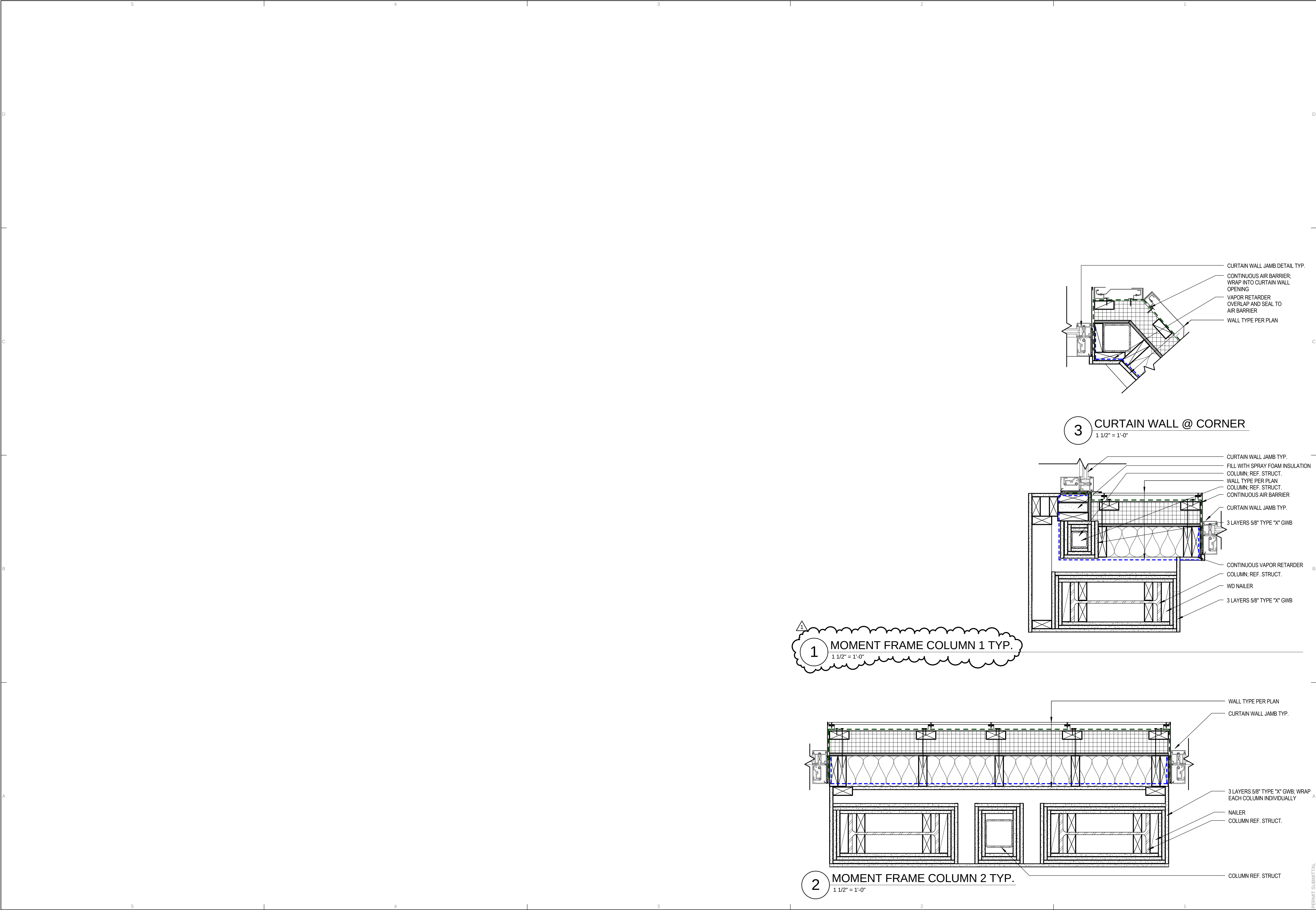
PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	MOA / owner review	05.18.16

JOB NO.	11089_08
DATE	04.11.2016
DRAWN	TLN
REVIEWED	TD, JPK

SHEET NAME	PLAN DETAILS
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SHEET NO.	A7.00
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KPB ARCHITECTS

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AK CORPORATION # 34752 D

COOK INLET HOUSING AUTHORITY

SPENARD MIXED USE

PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	MOA / owner review	05.18.16

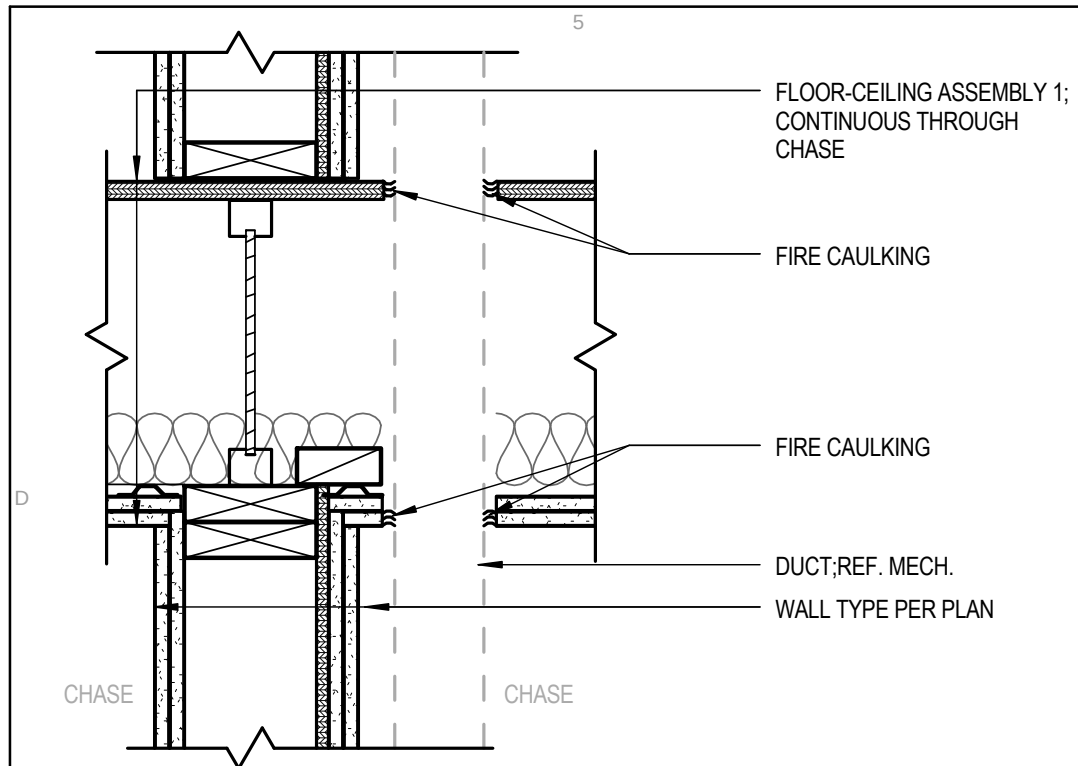
JOB NO.	11089_08
DATE	04.11.2016
DRAWN	TLN
REVIEWED	TD

SHEET NAME

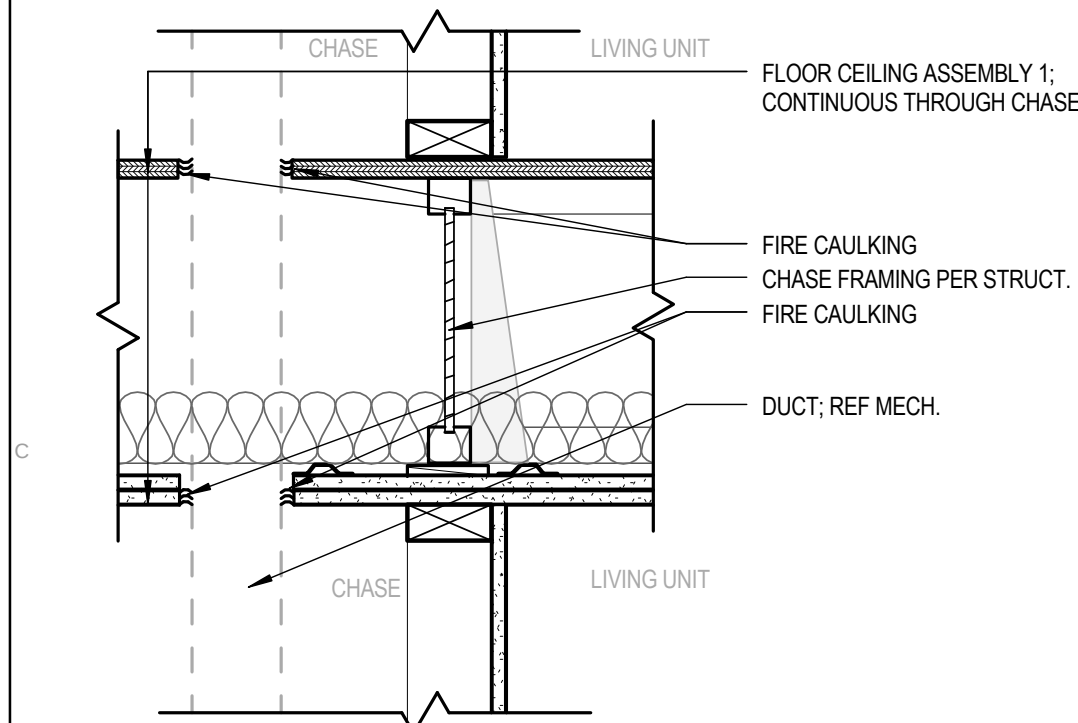
PLAN DETAILS

SHEET NO.

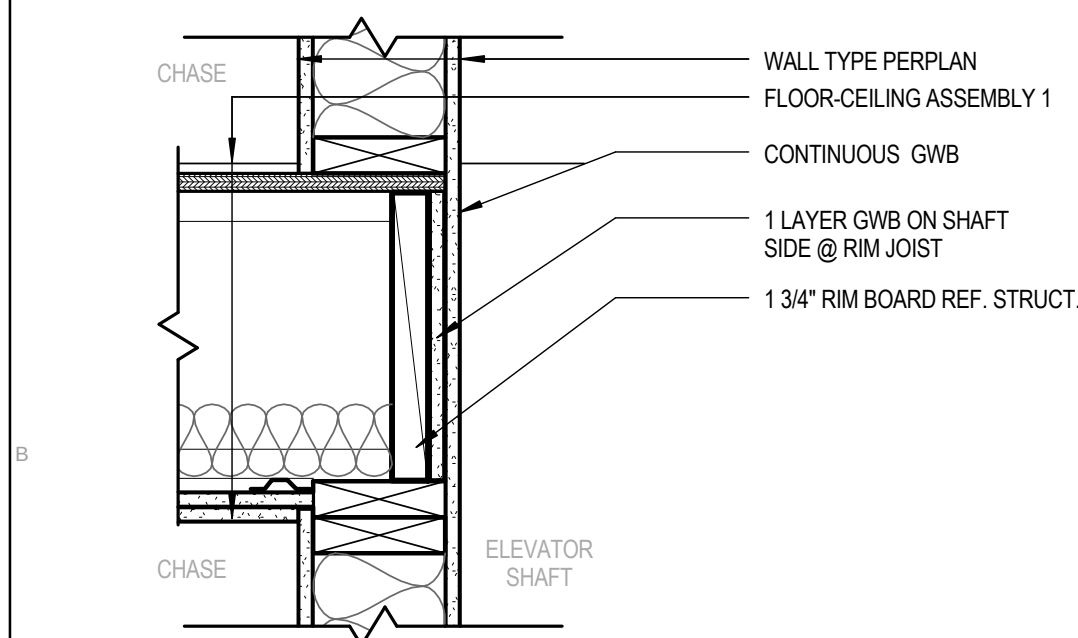
A7.01



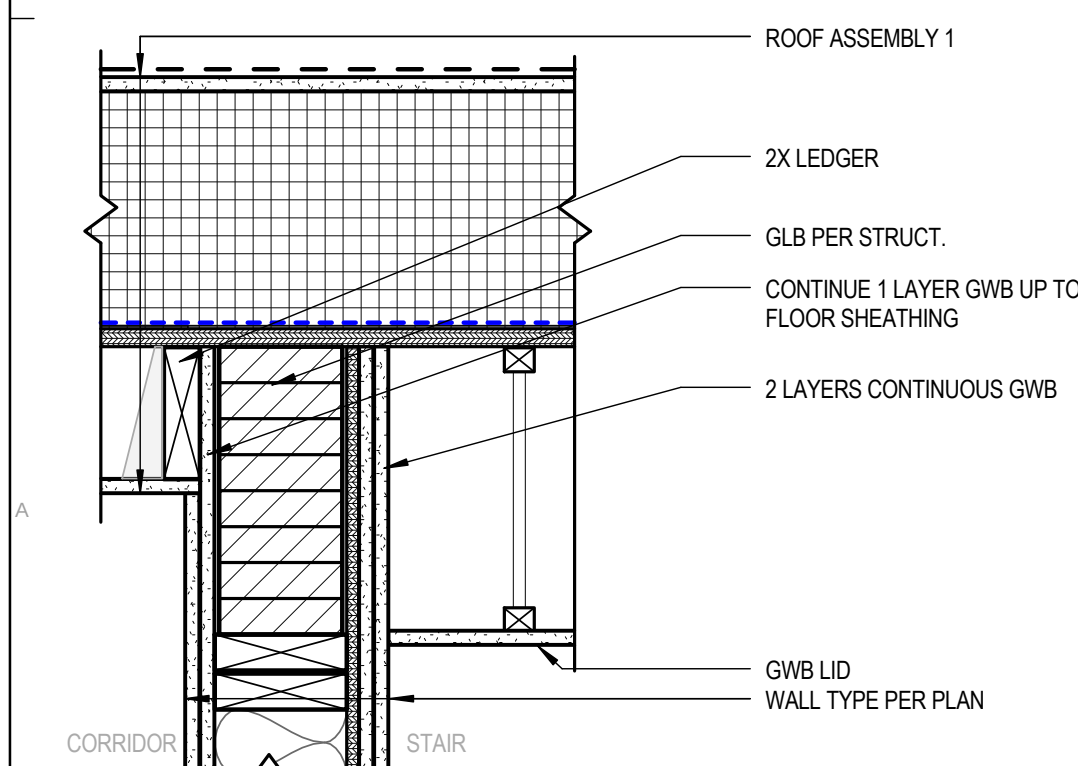
19 CHASE SECTION 1 TYP.
1 1/2" = 1'-0"



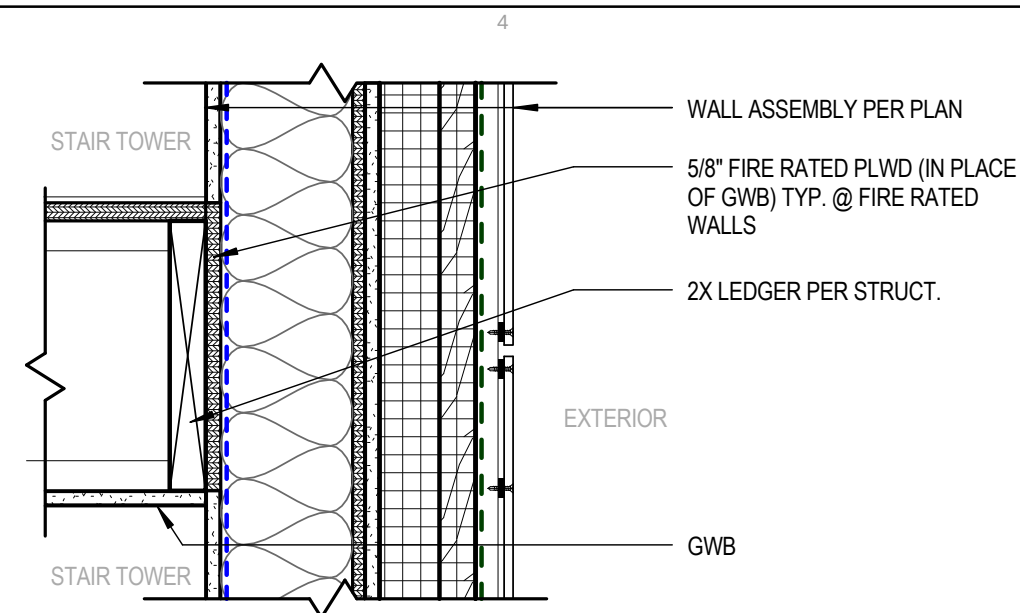
18 CHASE SECTION 2 TYP.
1 1/2" = 1'-0"



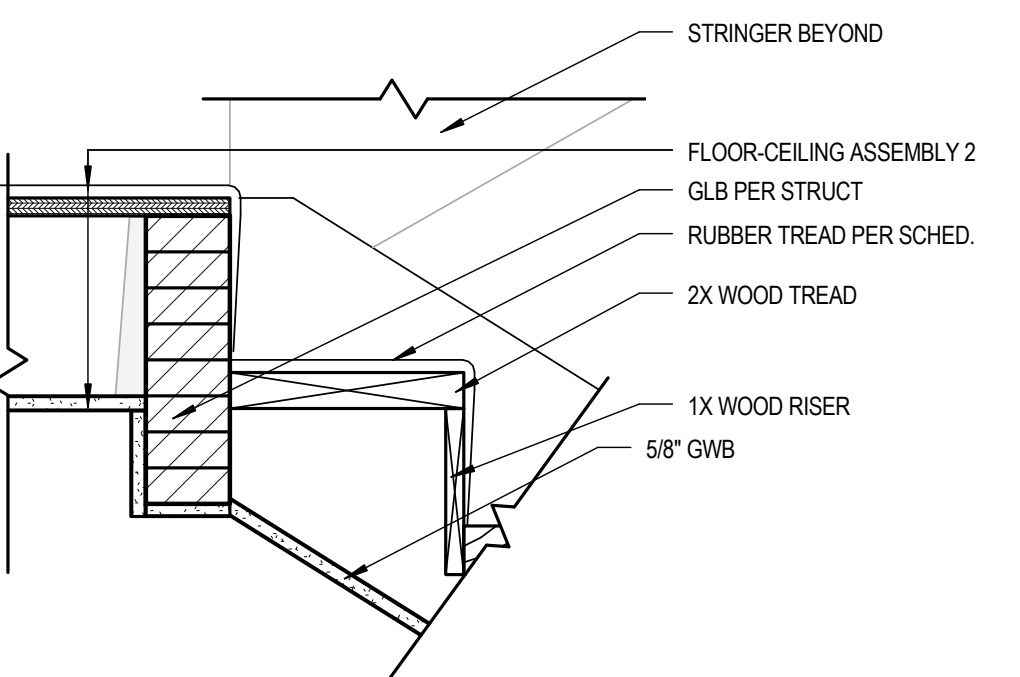
17 ELEVATOR SHAFT 1 TYP.
1 1/2" = 1'-0"



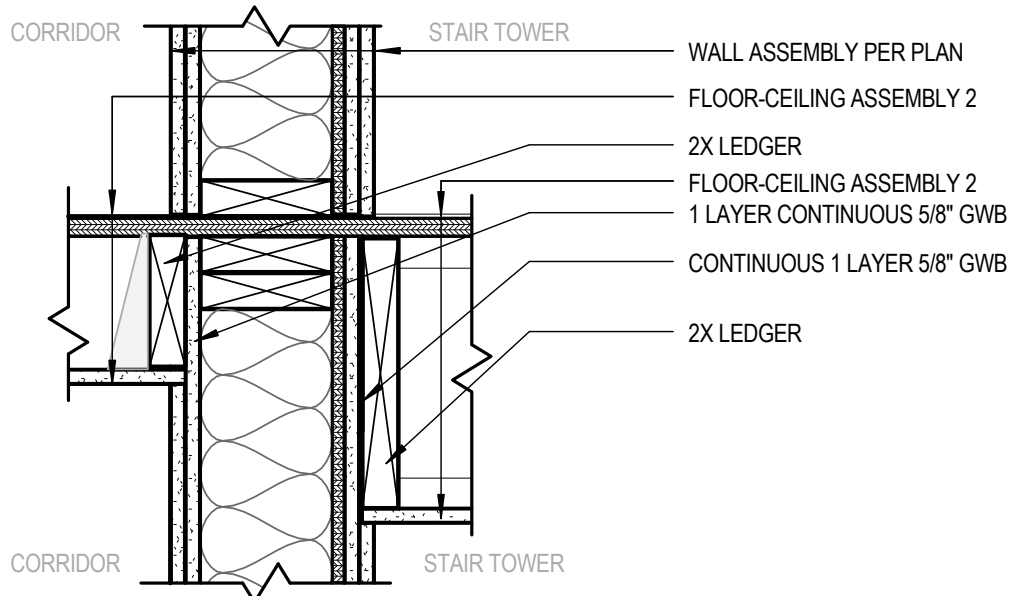
16 RATED WALL @ STAIR TYP.
1 1/2" = 1'-0"



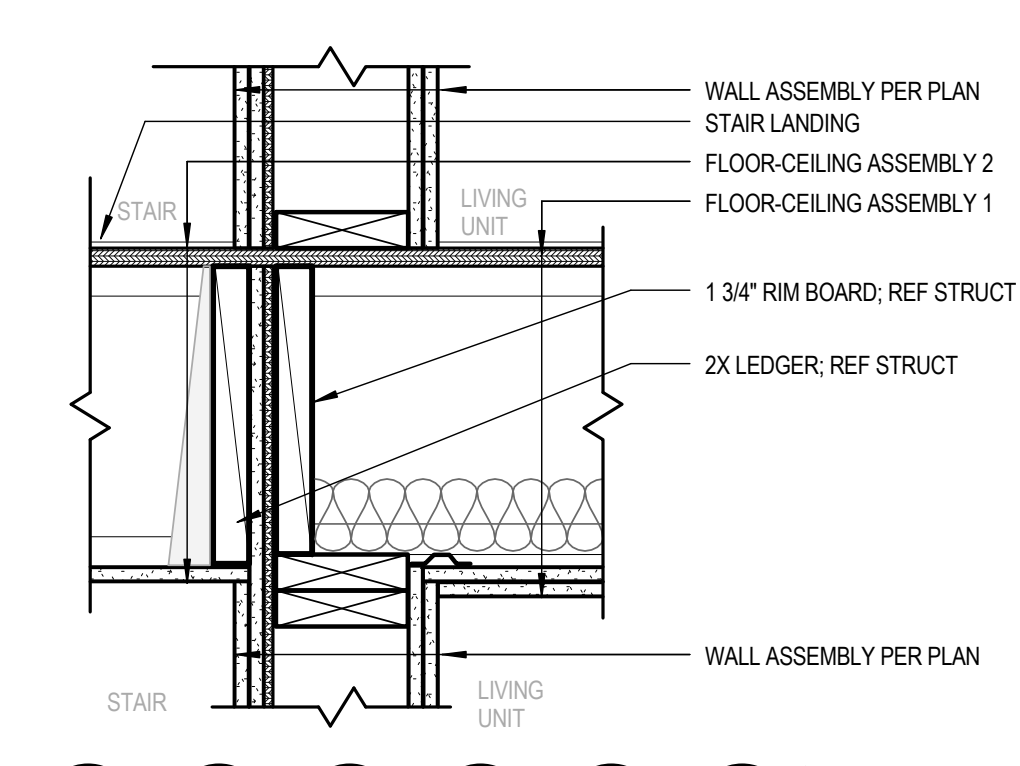
15 STAIR LANDING 3 TYP.
1 1/2" = 1'-0"



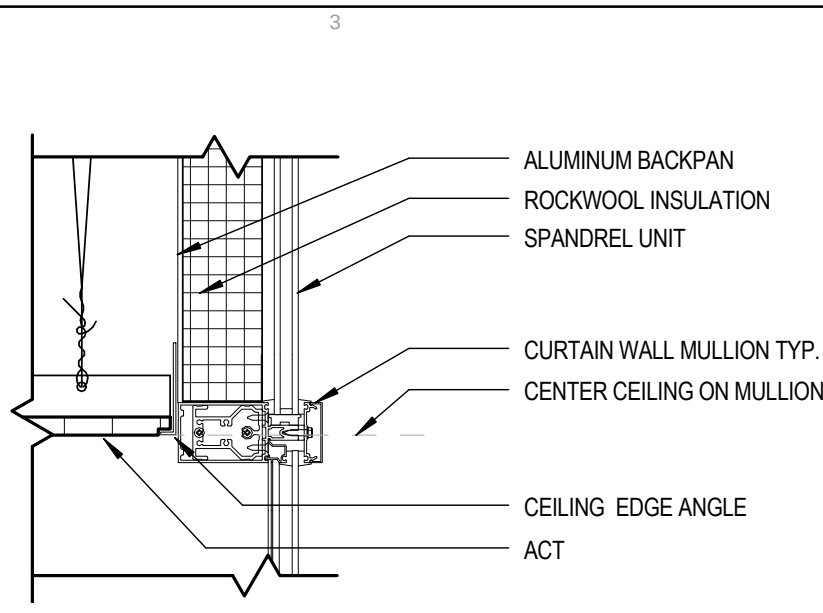
14 STAIR LANDING 2 TYP.
1 1/2" = 1'-0"



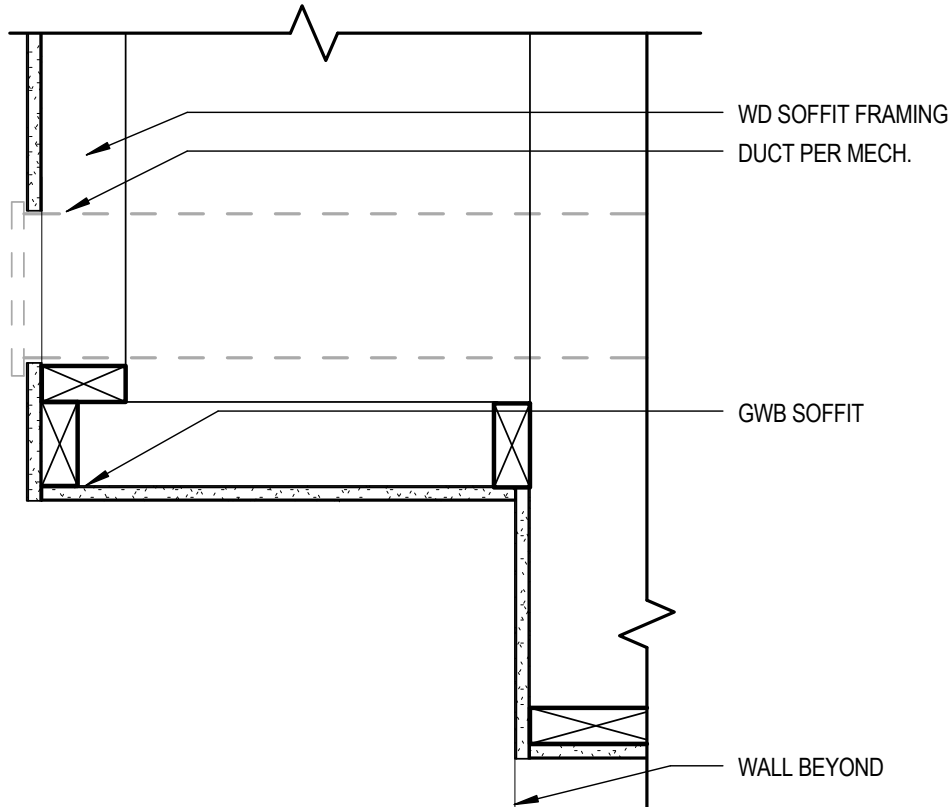
13 STAIR LANDING 1 TYP.
1 1/2" = 1'-0"



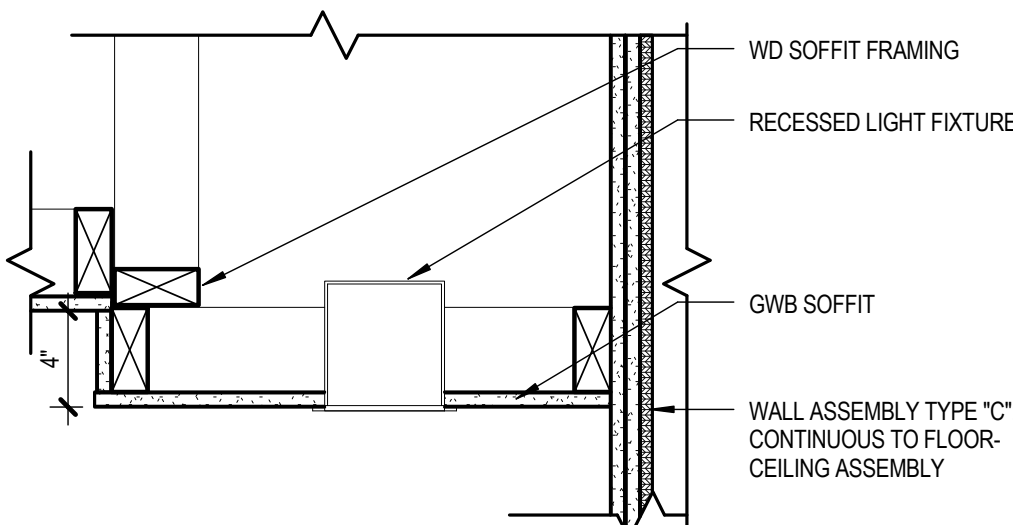
12 WALL @ STAIR LANDING TYP.
1 1/2" = 1'-0"



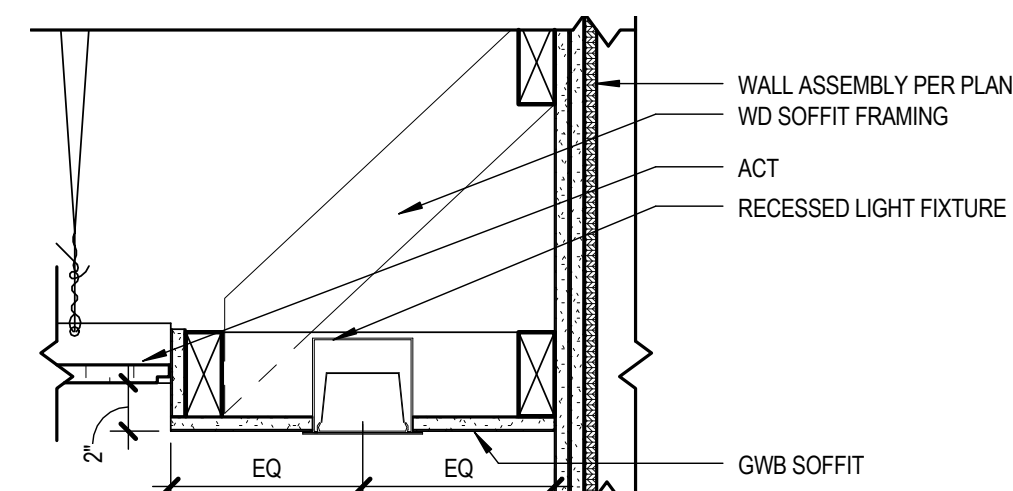
11 ACT @ CURTAIN WALL TYP.
1 1/2" = 1'-0"



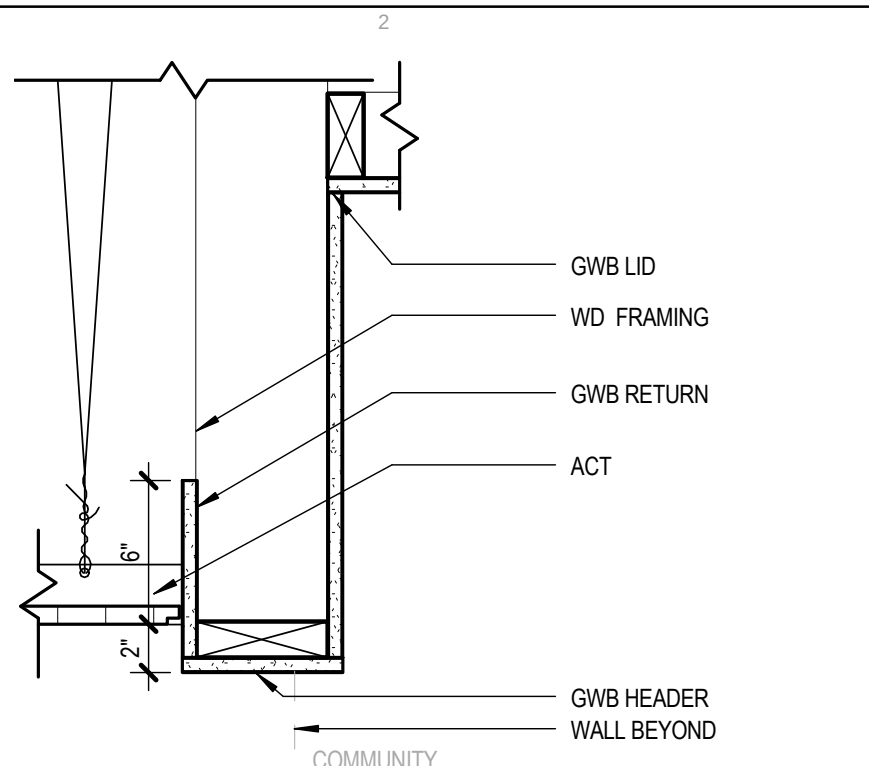
10 UNIT SOFFIT 1 TYP.
1 1/2" = 1'-0"



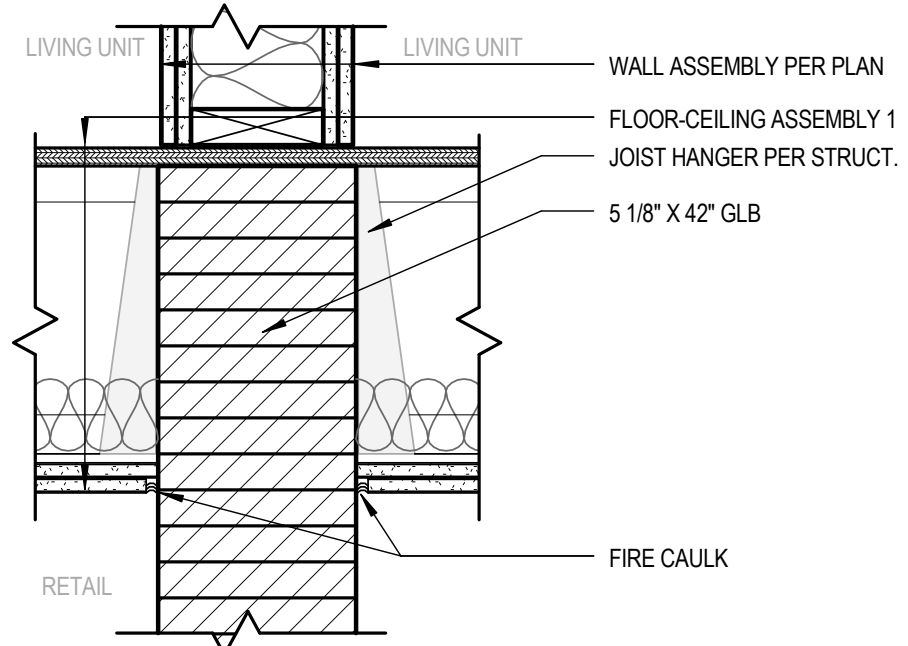
9 UNIT ENTRY SOFFIT TYP.
1 1/2" = 1'-0"



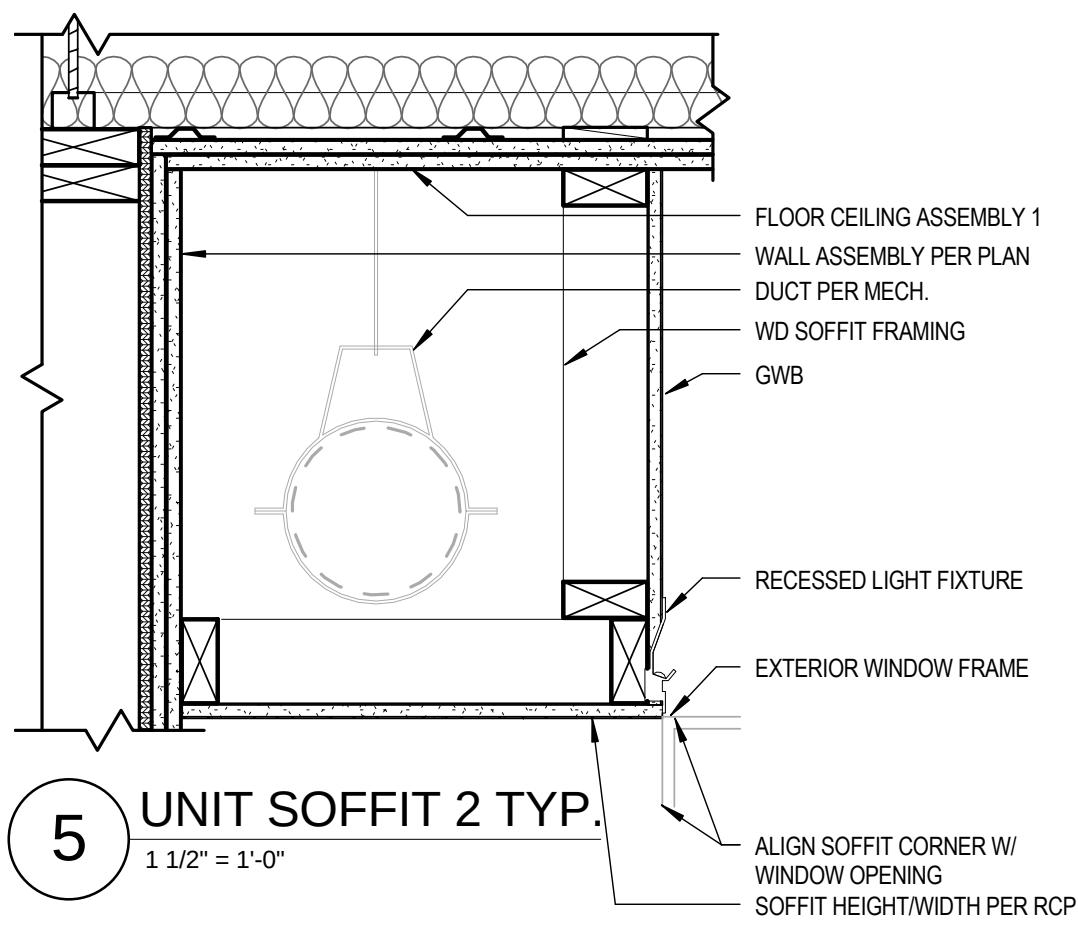
8 CORRIDOR SOFFIT TYP.
1 1/2" = 1'-0"



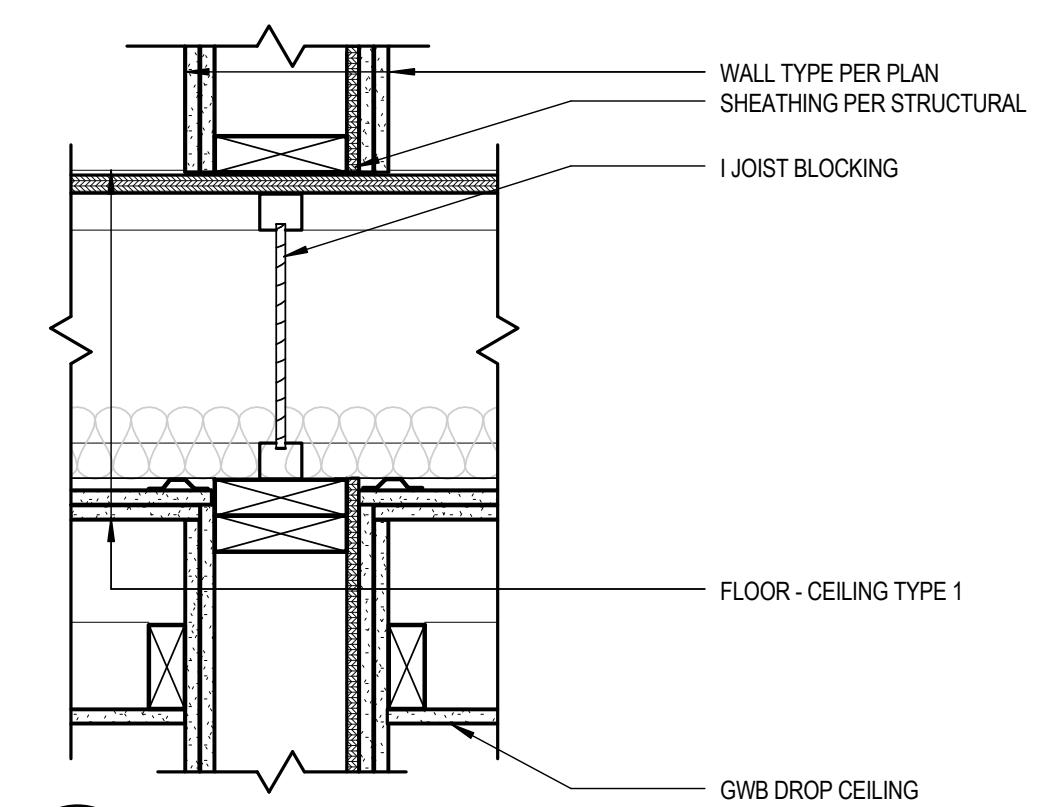
7 HEADER @ COMMUNITY ROOM TYP.
1 1/2" = 1'-0"



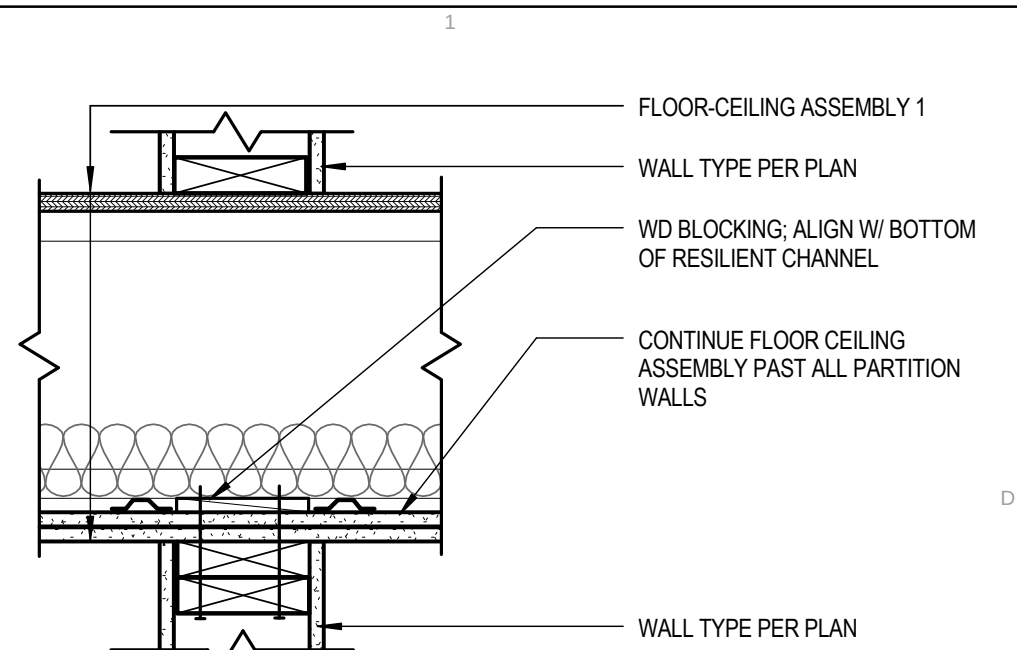
6 GLB @ RETAIL CEILING TYP.
1 1/2" = 1'-0"



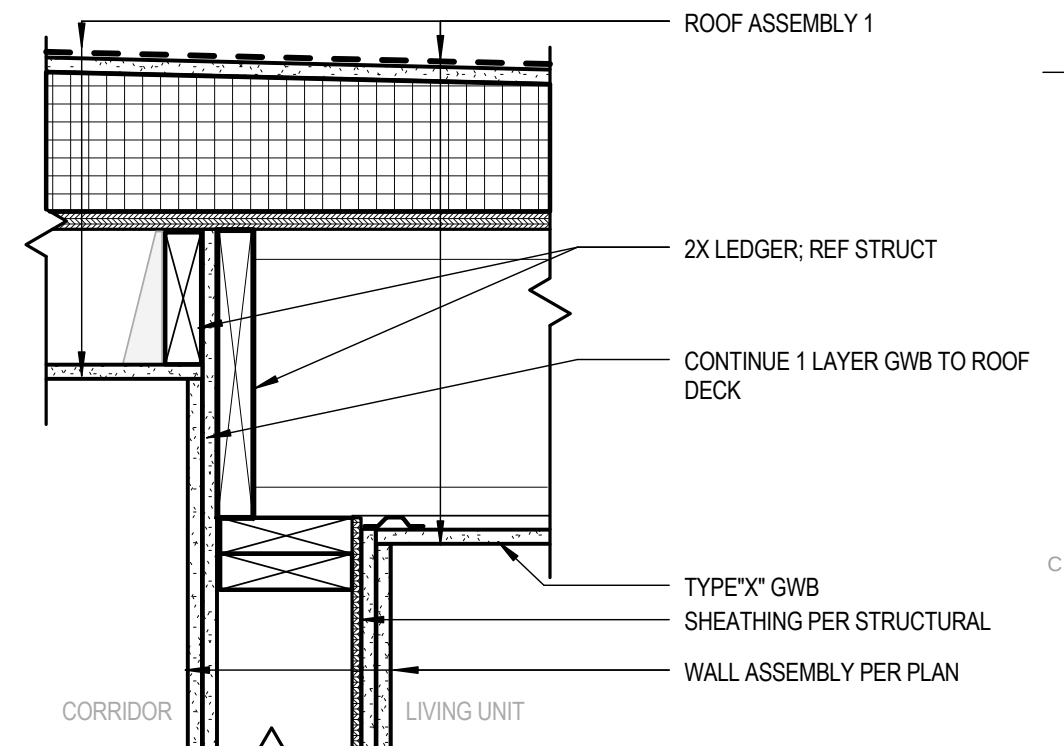
5 UNIT SOFFIT 2 TYP.
1 1/2" = 1'-0"



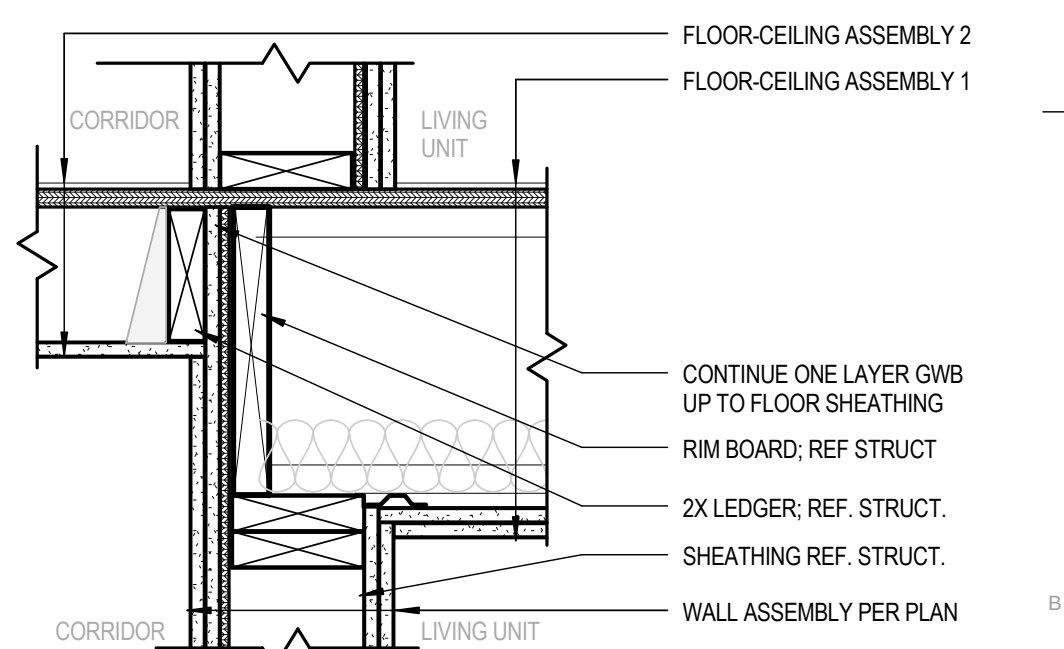
4 PARTY WALL TO FLOOR TYP.
1 1/2" = 1'-0"



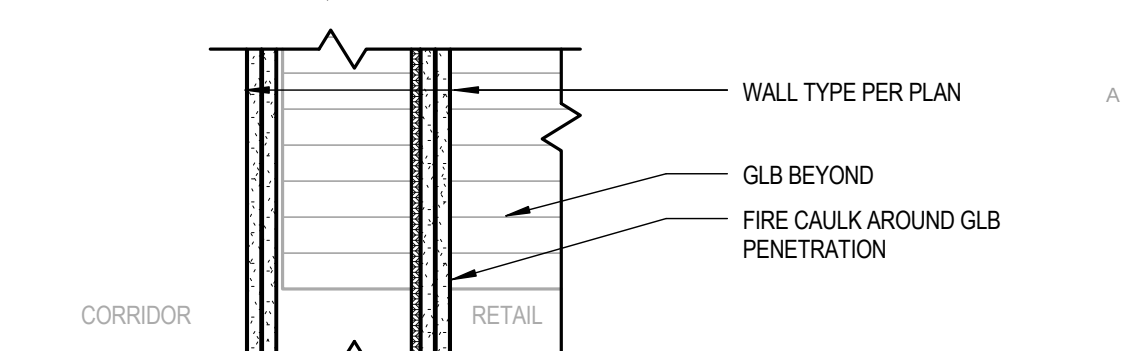
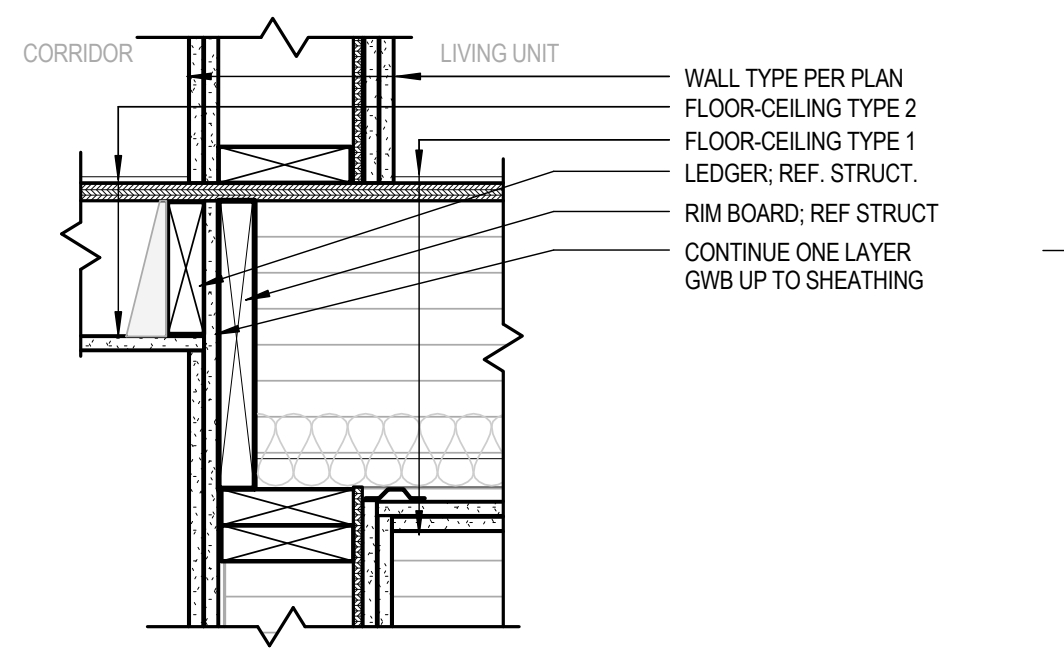
20 NON-BEARING PARTITION WALL TYP.
1 1/2" = 1'-0"



3 CORRIDOR DETAIL 3 TYP.
1 1/2" = 1'-0"



2 CORRIDOR DETAIL 2 TYP.
1 1/2" = 1'-0"



1 CORRIDOR DETAIL 1 TYP.
1 1/2" = 1'-0"



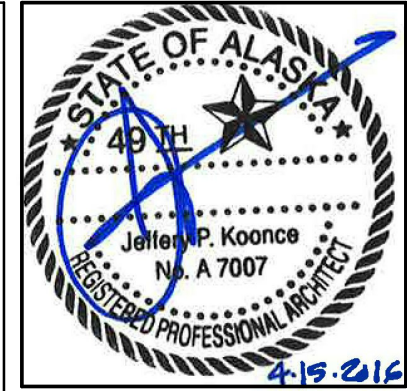
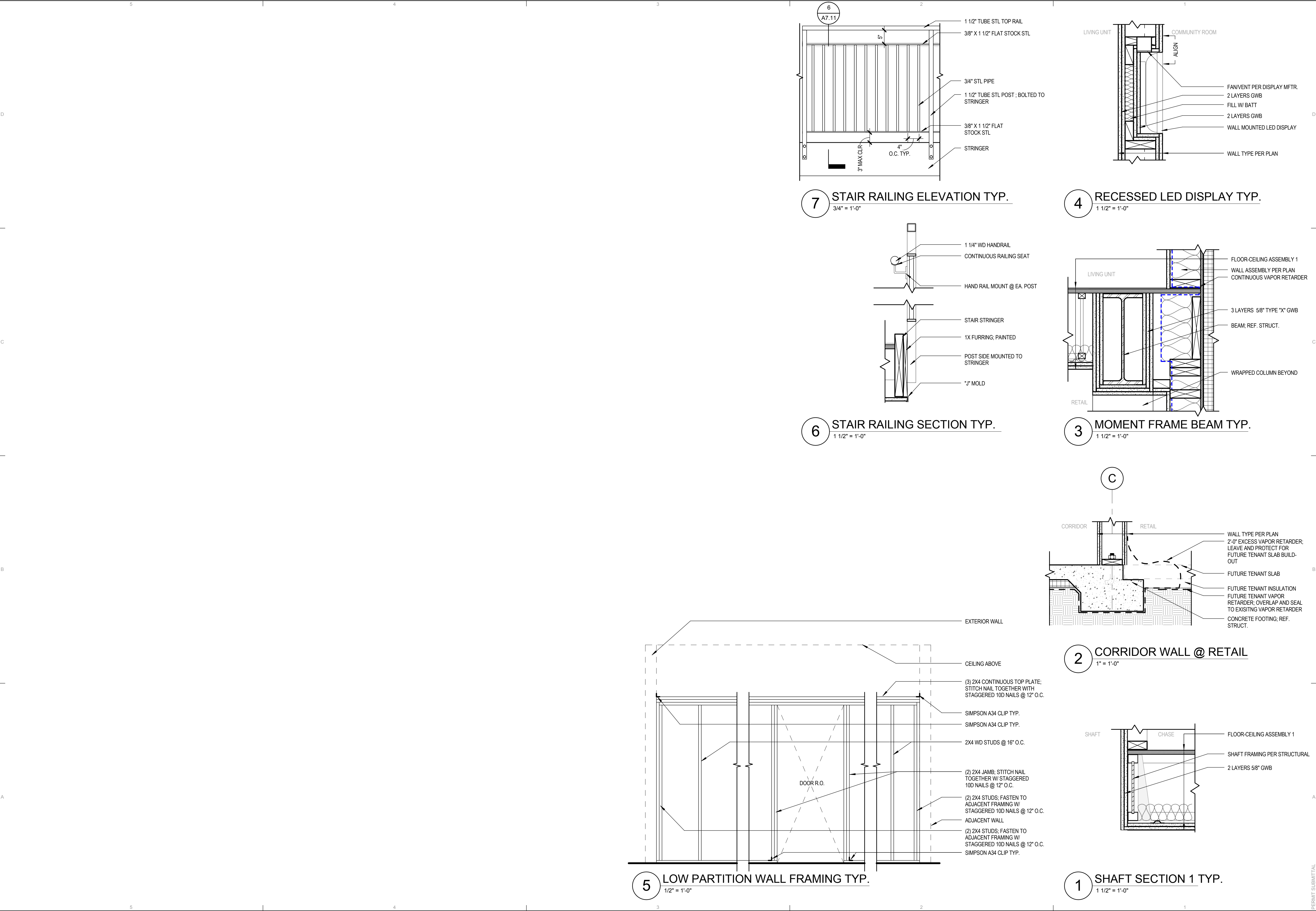
COOK INLET HOUSING AUTHORITY
SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	MOA / owner review	05.18.16

JOB NO.	11089_08
DATE	04.11.2016
DRAWN	TLN
REVIEWED	TD

SHEET NAME
INTERIOR DETAILS

SHEET NO.
A7.10



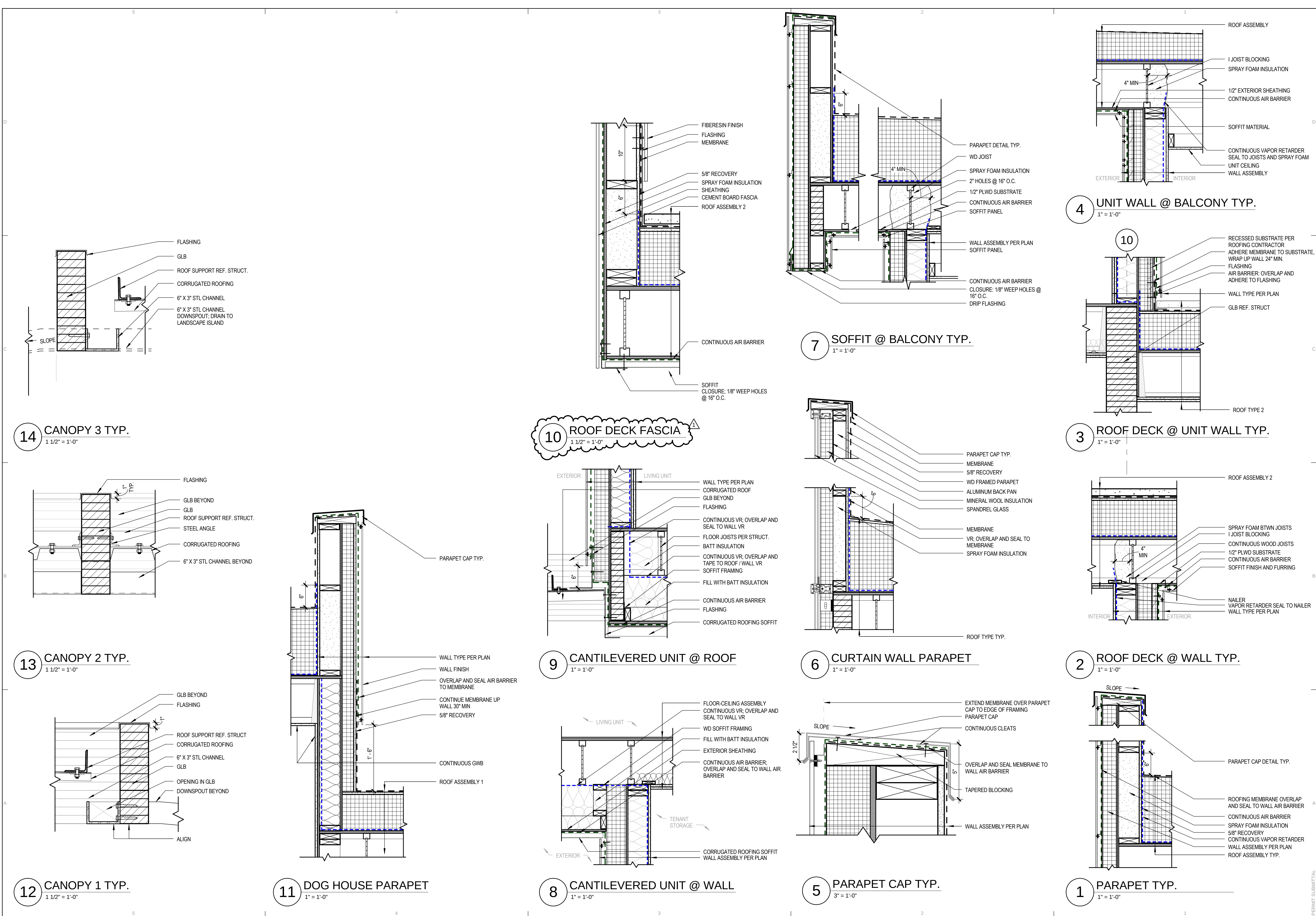
KPB ARCHITECTS

WWW.KPBARCHITECTS.COM
500 L STREET, SUITE 400
ANCHORAGE, AK 99501
LP#9072747448 LP#9072747407
AK CORPORATION # 34752 D

COOK INLET HOUSING AUTHORITY
SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
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JOB NO.	11089_08	
DATE	04.11.2016	
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REVIEWED	TD	
SHEET NAME INTERIOR DETAILS		
SHEET NO. A7.11		

PERMIT SUBMITTAL



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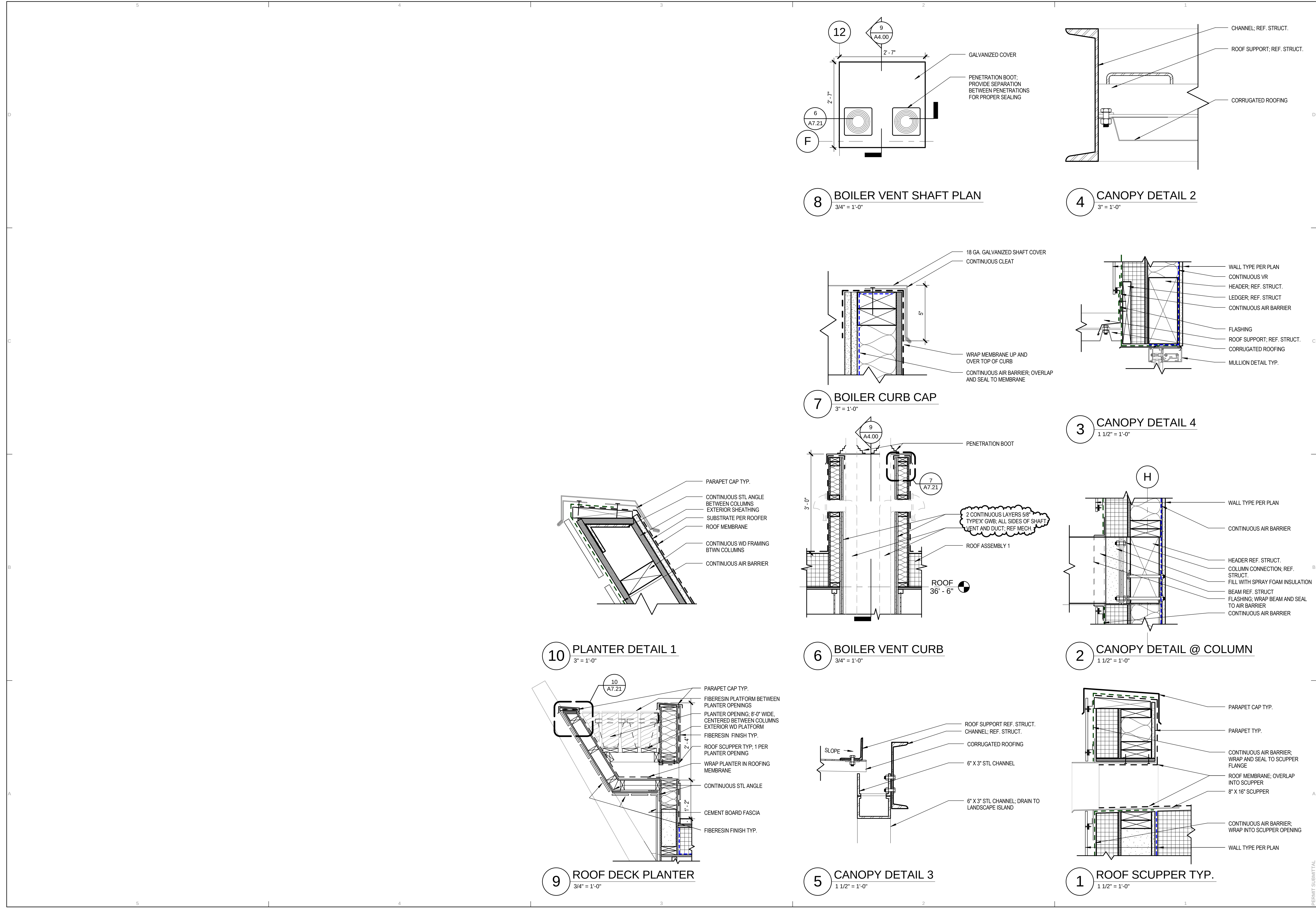
SPENARD MIXED USE

PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	MOA / owner review	05.18.16

JOB NO.	11089_08
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DRAWN	TLN
REVIEWED	TD, JPK

SHEET NAME	ROOF DETAILS
SHEET NO.	A7.20



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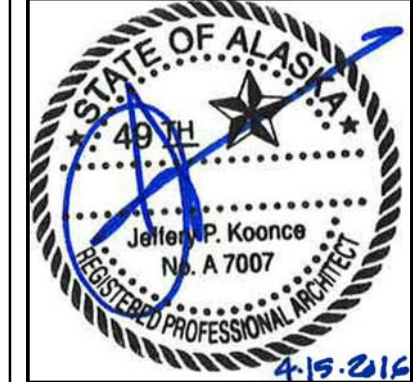
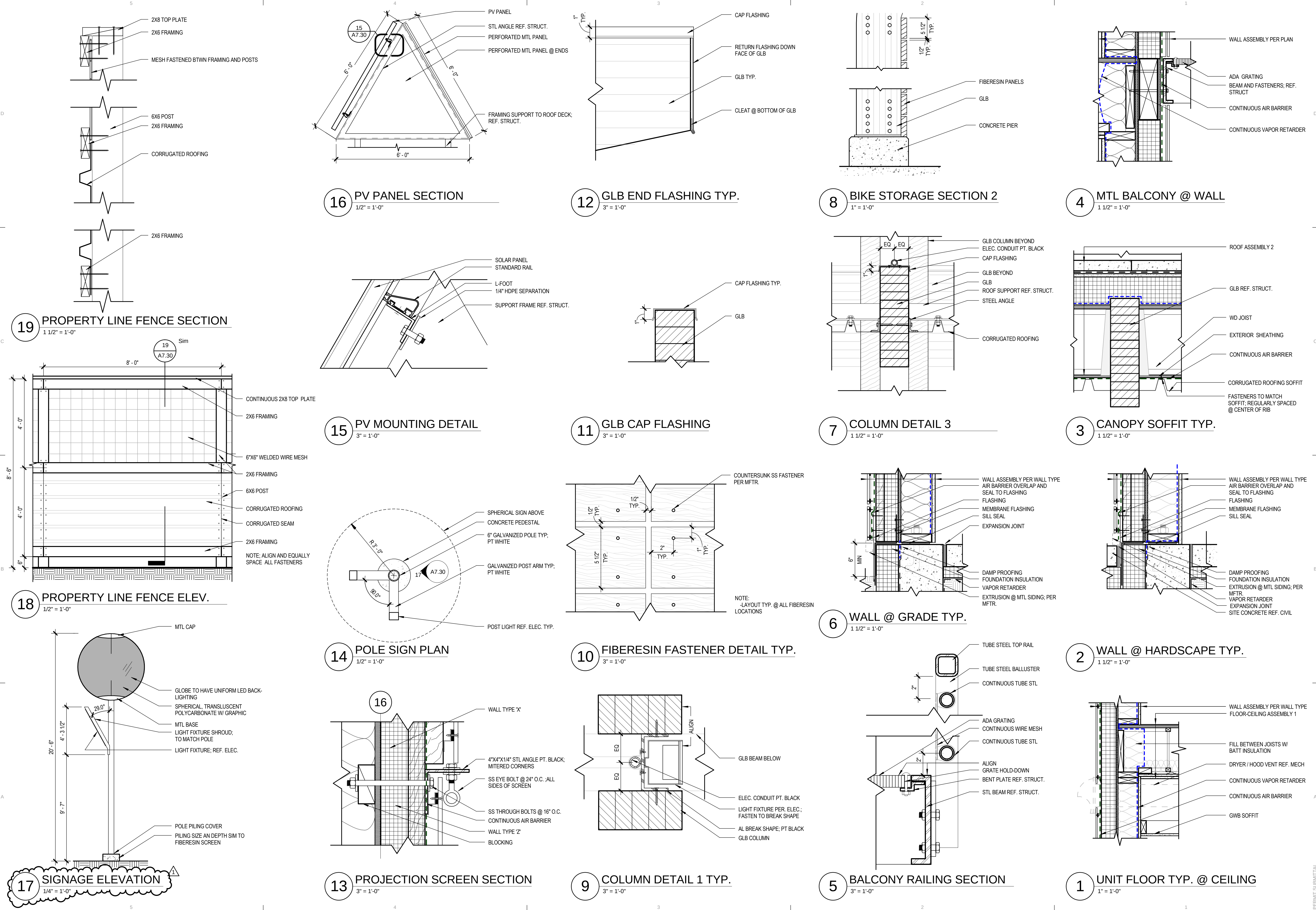
COOK INLET HOUSING AUTHORITY
SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	MOA / owner review	05.18.16

JOB NO. 11089_08
DATE 04.11.2016
DRAWN TLN
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SHEET NAME
ROOF DETAILS

SHEET NO.
A7.21



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COOK INLET HOUSING AUTHORITY

SPENARD MIXED USE

PERMIT SET (100%)
ANCHORAGE, AK

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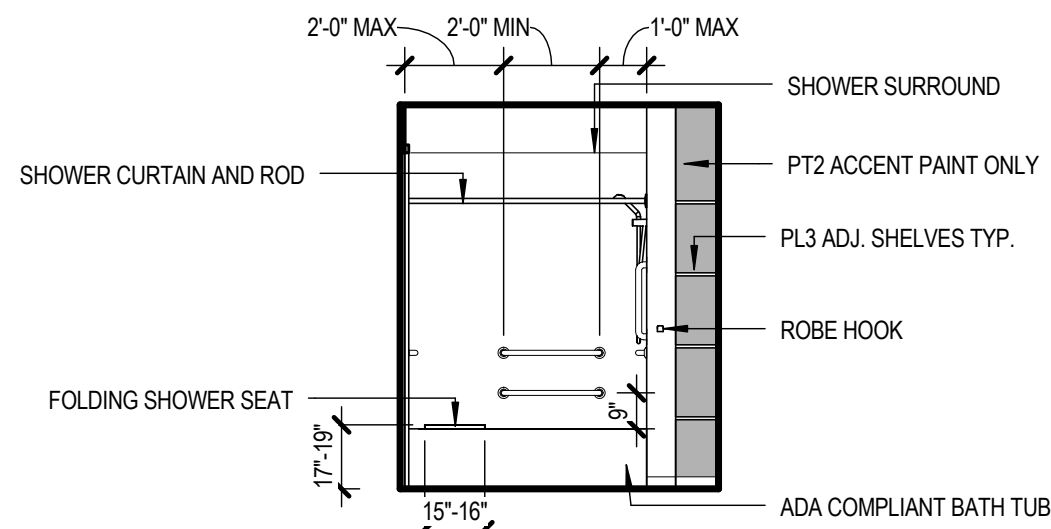
SHEET NAME	EXTERIOR DETAILS
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SHEET NO.	A7.30
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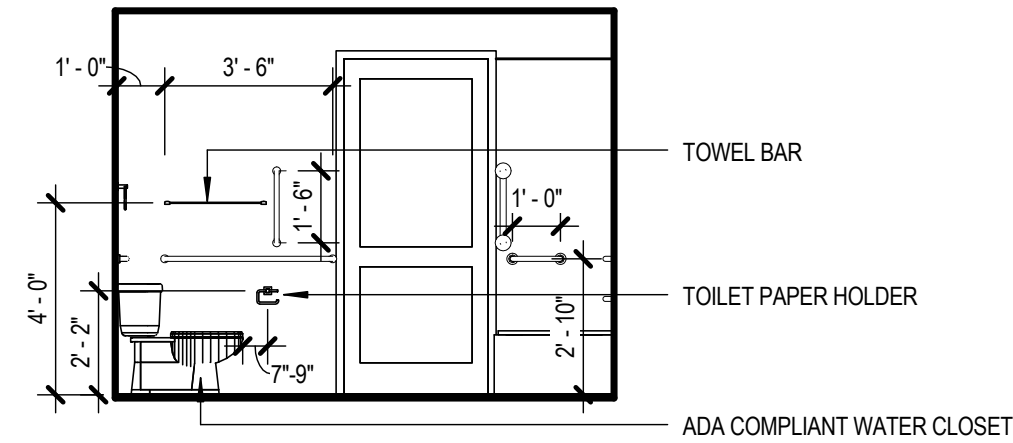
APPLIANCE SCHEDULE

UNIT	MODEL #
DISHWASHER	GE GLDA690FWW
DRYER	GE GFDS170EHWW
RANGE	WHIRLPOOL WDE150LVQ
RANGE HOOD	GE JV635HWW
REFRIGERATOR	GE GSS23HGHWW
WASHING MACHINE	GE GFWS170HWW

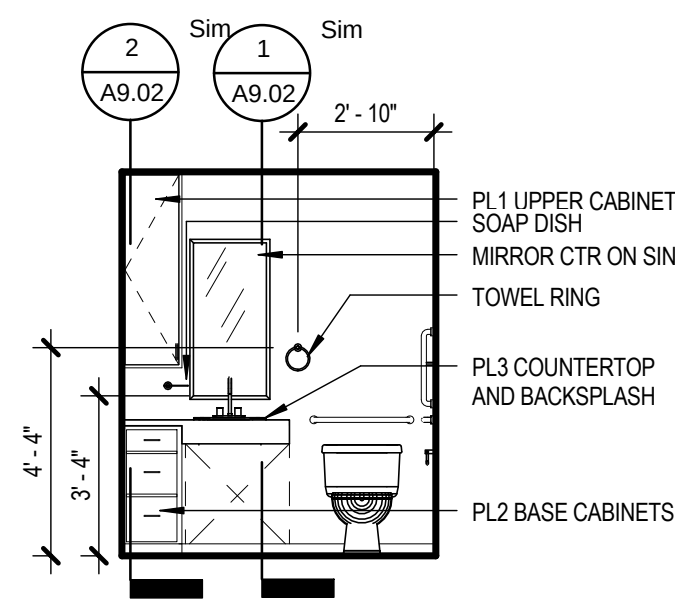
NOTE:
1. ENSURE ALL MODELS ARE CURRENTLY AVAILABLE PRIOR TO COORDINATING CASEWORK



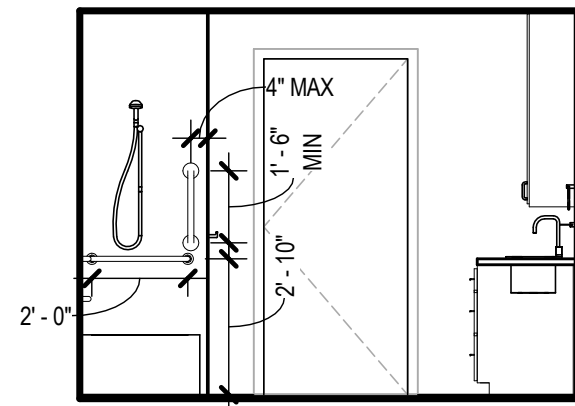
16 UNIT BATH 4 (ACCESSIBLE)
1/4" = 1'-0"



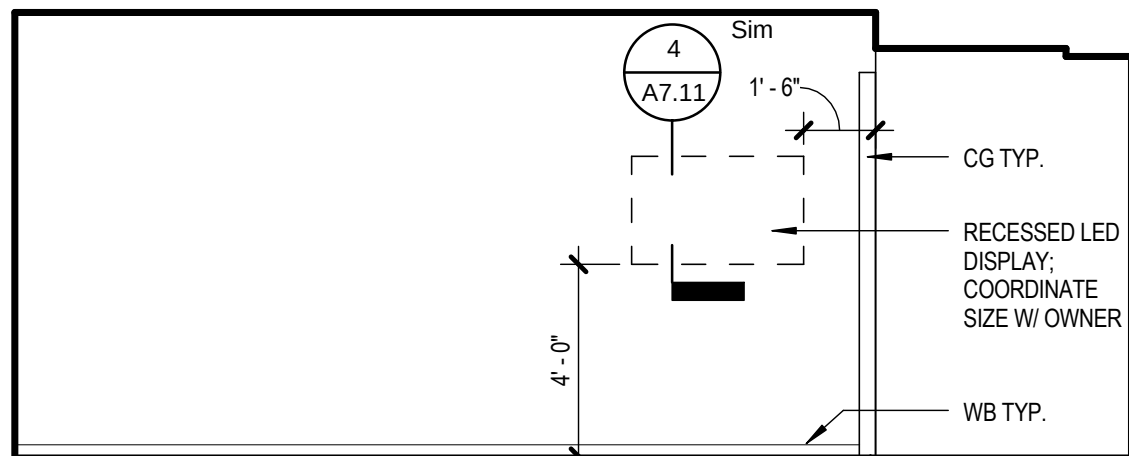
12 UNIT BATH 3 (ACCESSIBLE)
1/4" = 1'-0"



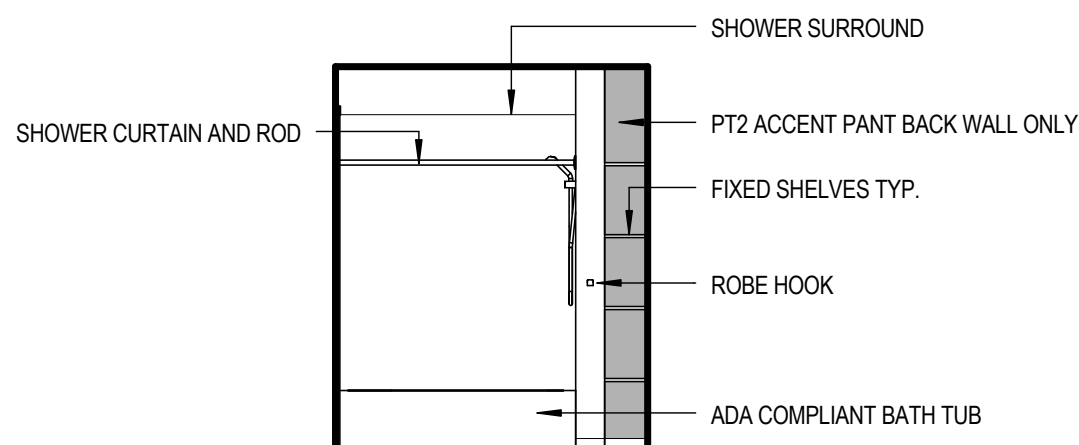
8 UNIT BATH 2 (ACCESSIBLE)
1/4" = 1'-0"



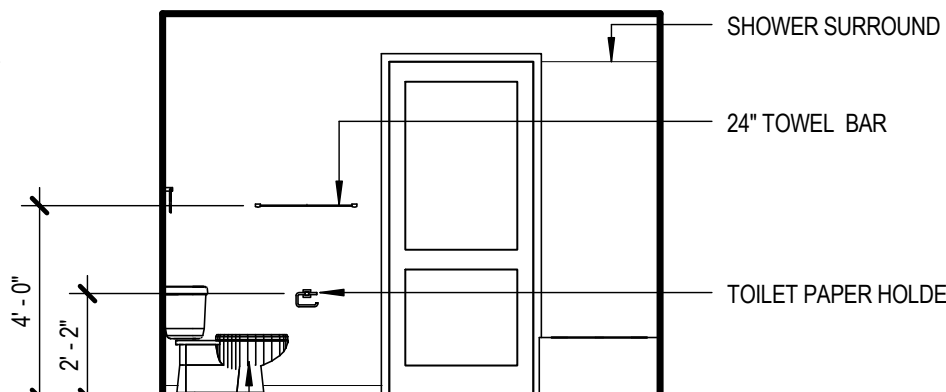
4 UNIT BATH 1 (ACCESSIBLE)
1/4" = 1'-0"



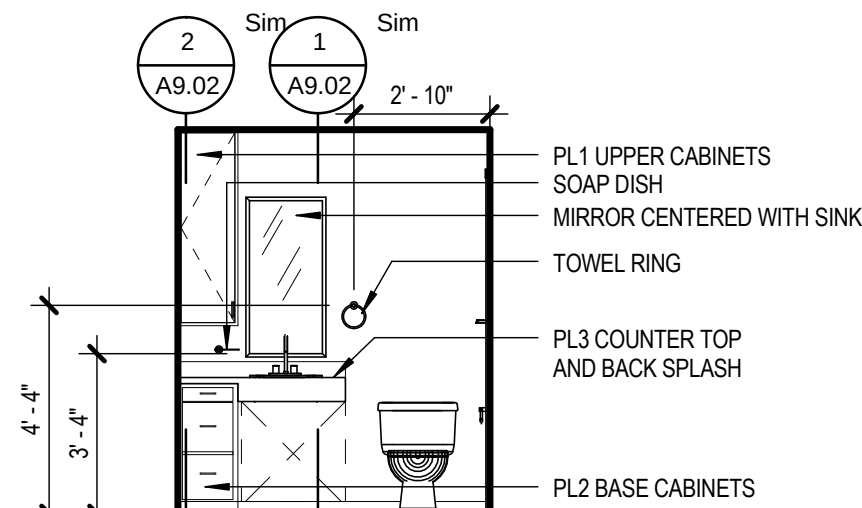
18 317 COMMUNITY ROOM - SOUTH
1/4" = 1'-0"



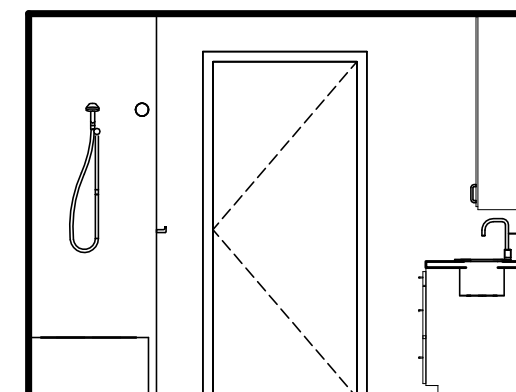
15 UNIT BATH 4
1/4" = 1'-0"



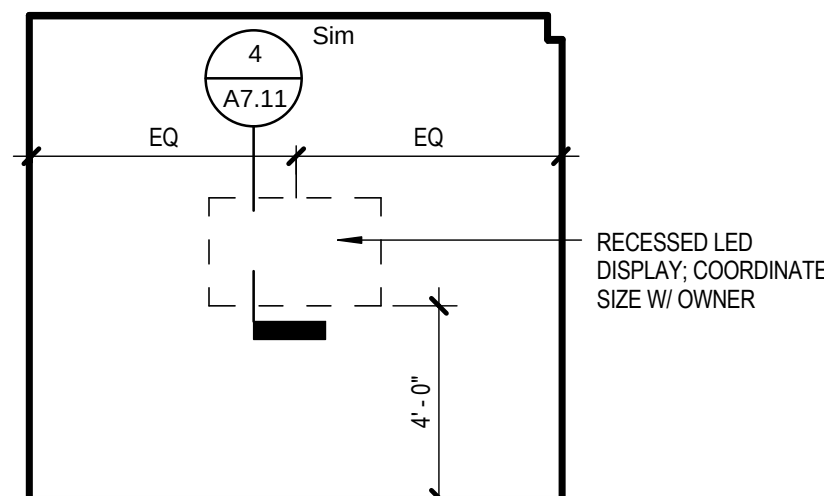
11 UNIT BATH 3
1/4" = 1'-0"



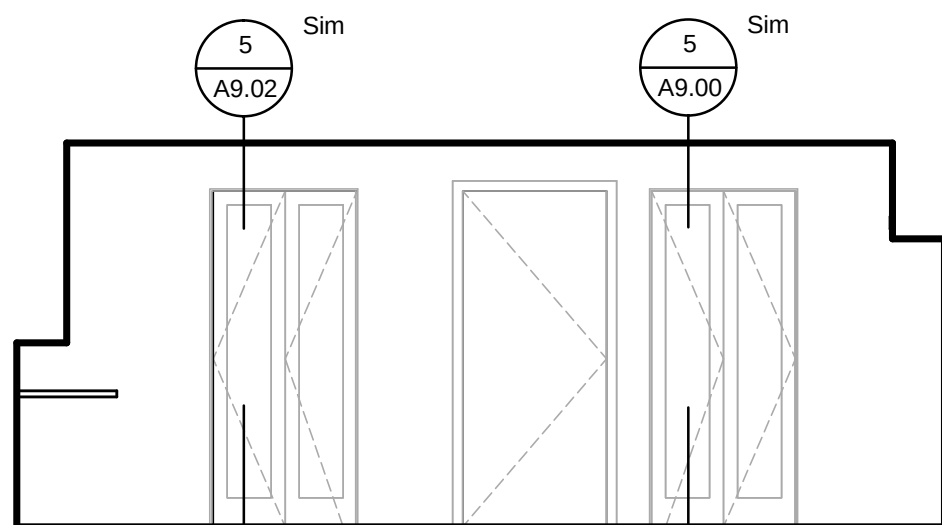
7 UNIT BATH 2
1/4" = 1'-0"



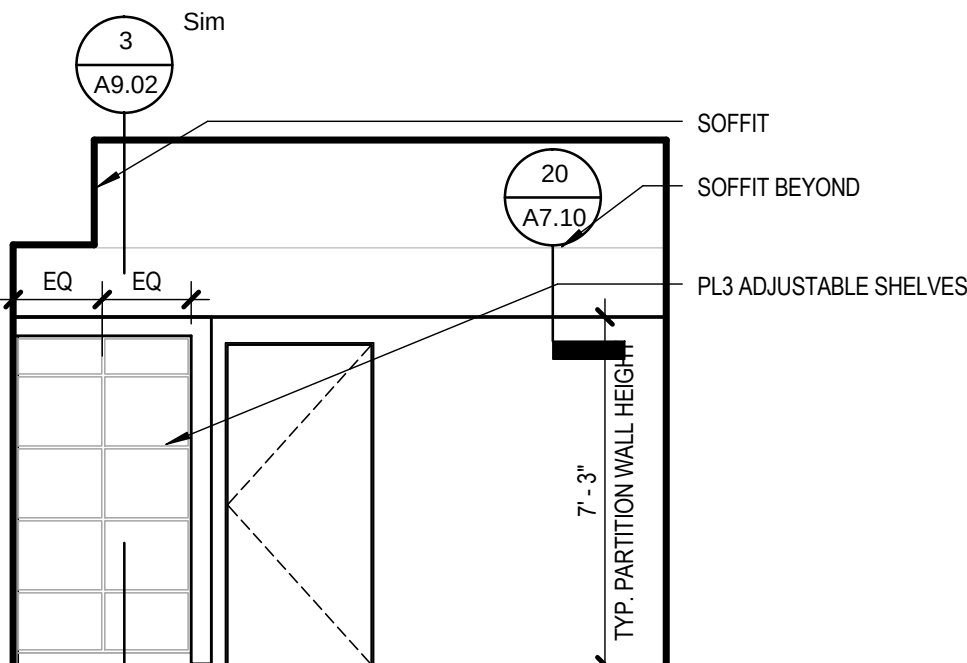
3 UNIT BATH 1
1/4" = 1'-0"



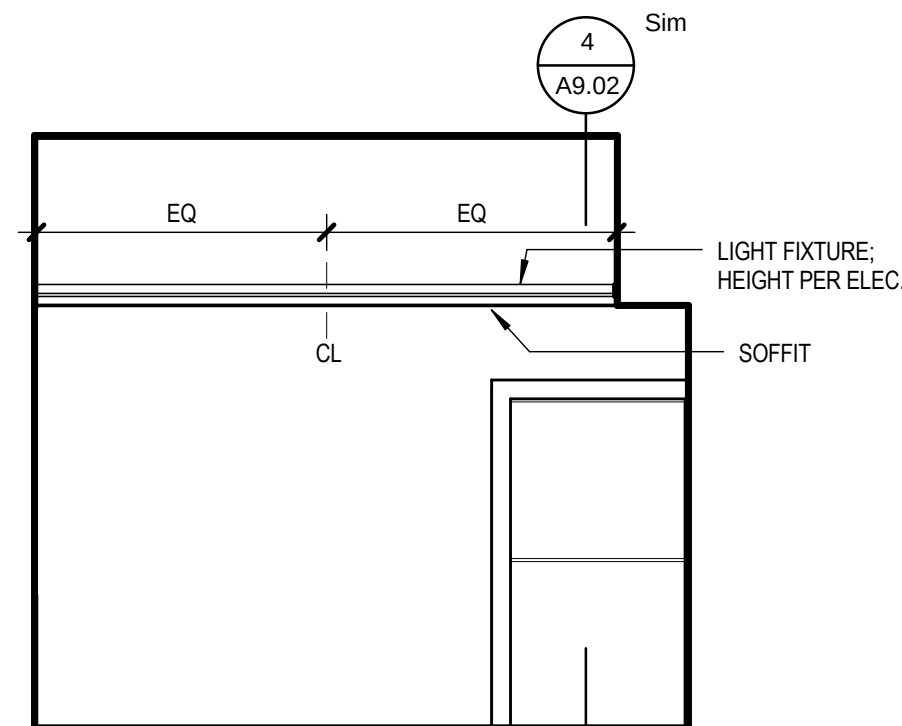
20 101 LOBBY EAST
1/4" = 1'-0"



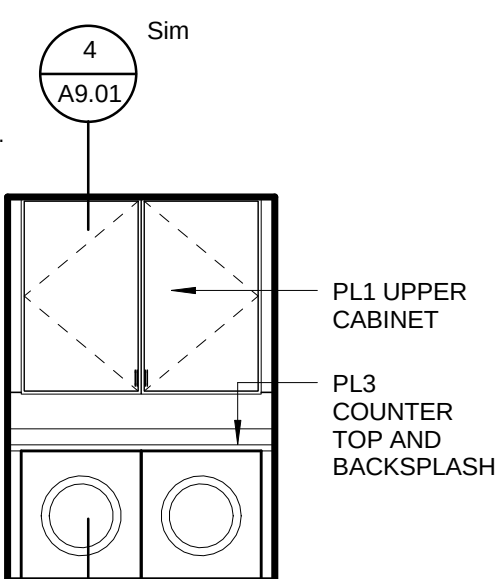
17 UNIT ENTRY KITCHEN
1/4" = 1'-0"



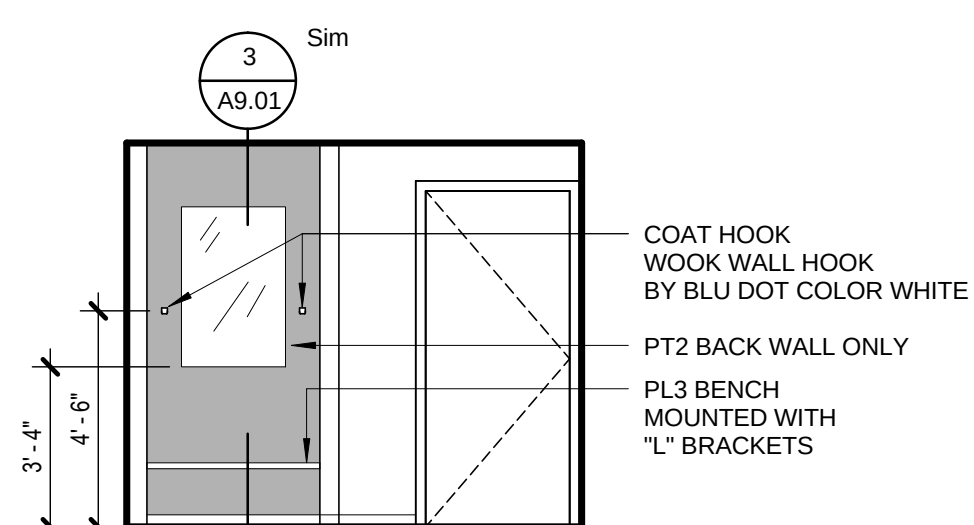
14 UNIT BEDROOM 1 TYP.
1/4" = 1'-0"



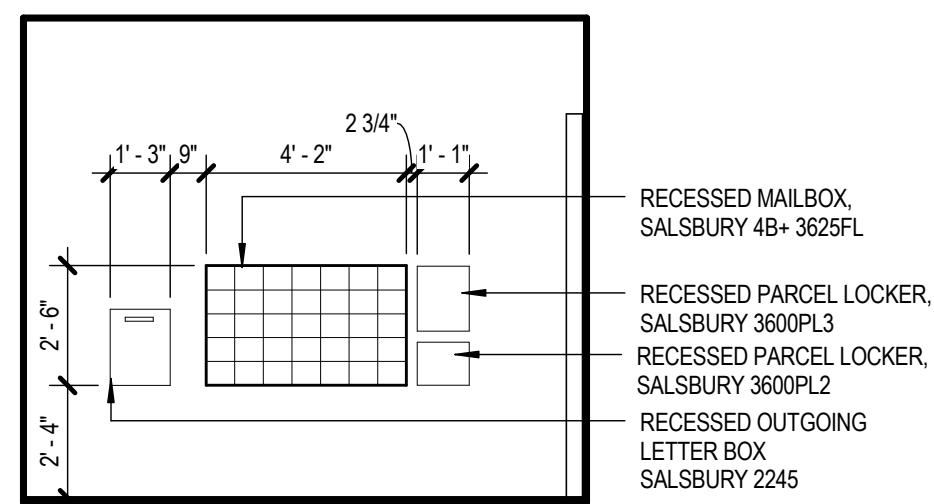
10 UNIT BEDROOM 2 TYP.
1/4" = 1'-0"



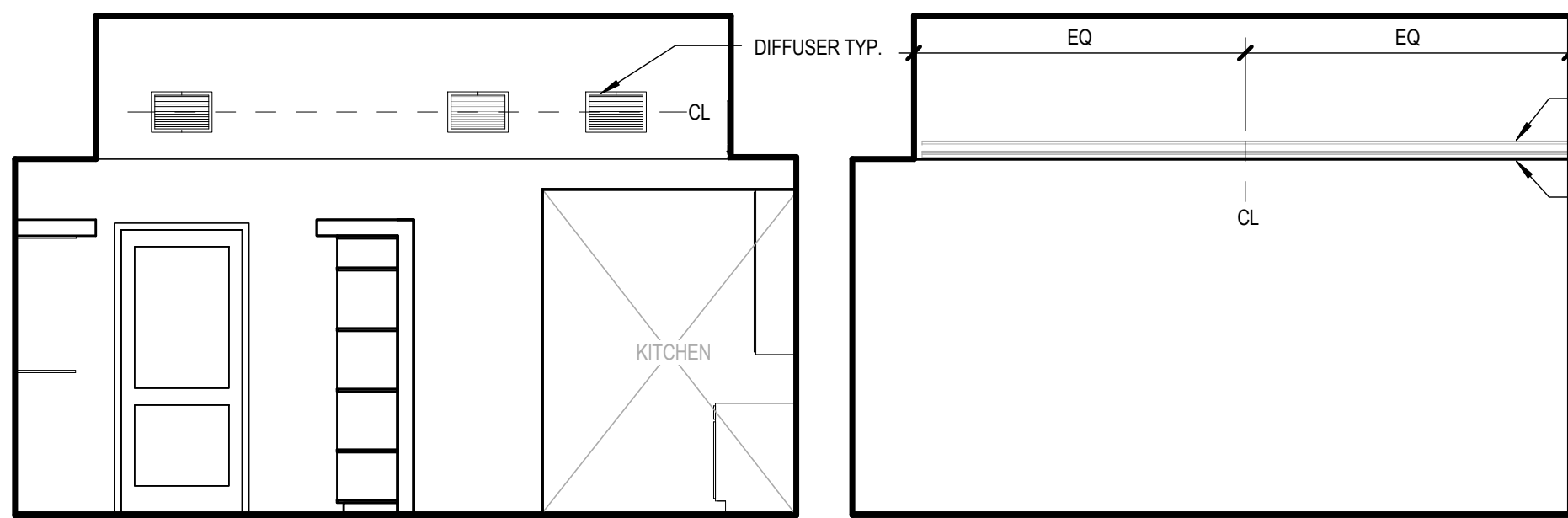
6 UNIT ENTRY 2 TYP.
1/4" = 1'-0"



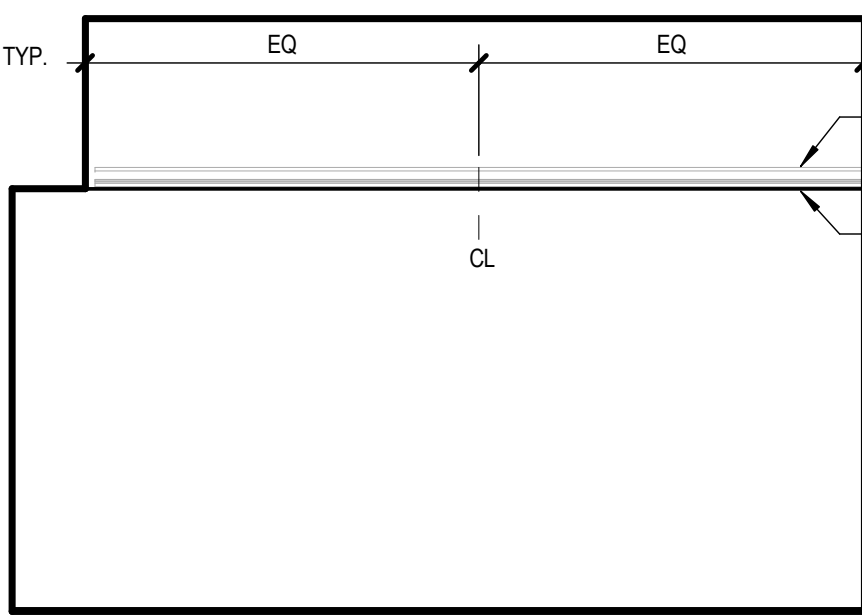
2 UNIT ENTRY 3 TYP.
1/4" = 1'-0"



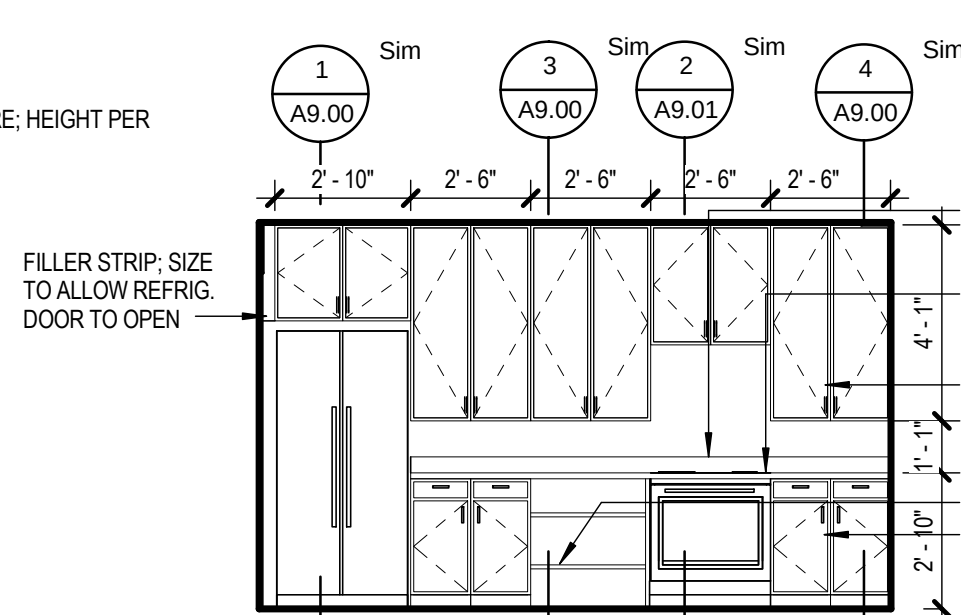
19 101 LOBBY WEST
1/4" = 1'-0"



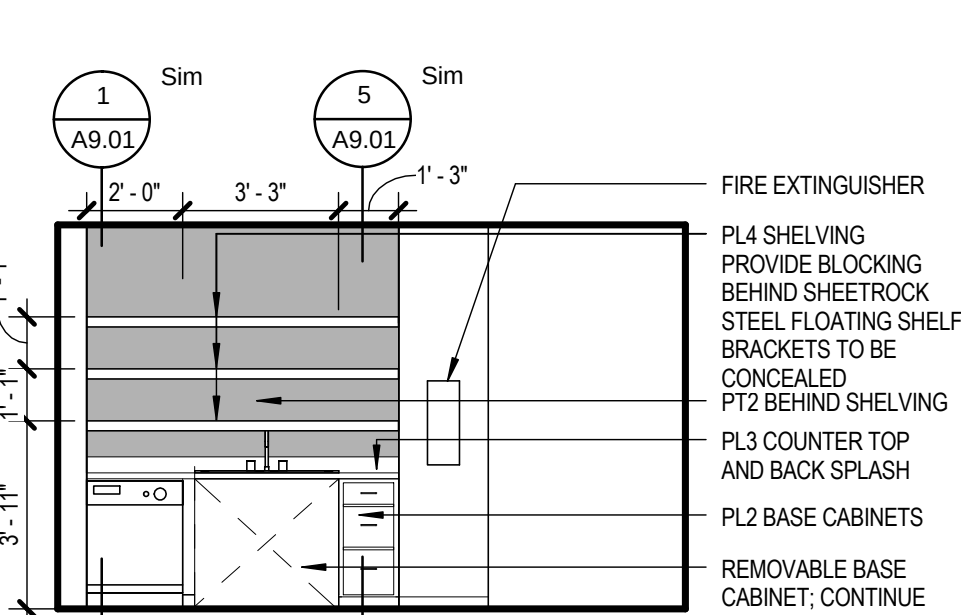
13 UNIT LIVING 3 TYP.
1/4" = 1'-0"



9 UNIT LIVING 1 TYP.
1/4" = 1'-0"

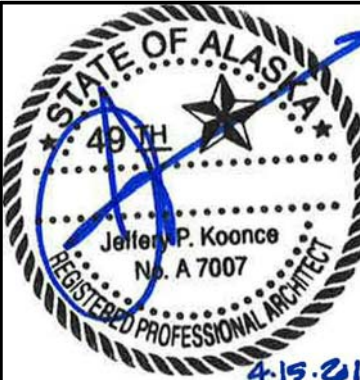


5 UNIT KITCHEN 1 TYP.
1/4" = 1'-0"



1 UNIT KITCHEN 2 TYP.
1/4" = 1'-0"

COOK INLET HOUSING AUTHORITY
SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK



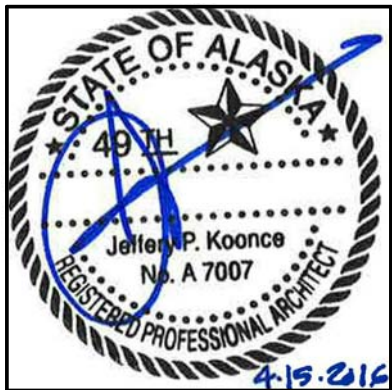
KPB ARCHITECTS
WWW.KPBARCHITECTS.COM
500 L STREET, SUITE 400
ANCHORAGE, AK 99501
TEL: 907.274.7443 FAX: 907.274.7407

#	DESCRIPTION	DATE
1	MOA / owner review	05.18.16

JOB NO. 11089_08
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DRAWN TN
REVIEWED TD

SHEET NAME
INTERIOR ELEVATIONS

SHEET NO.
A8.00



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COOK INLET HOUSING AUTHORITY

SPENARD MIXED USE

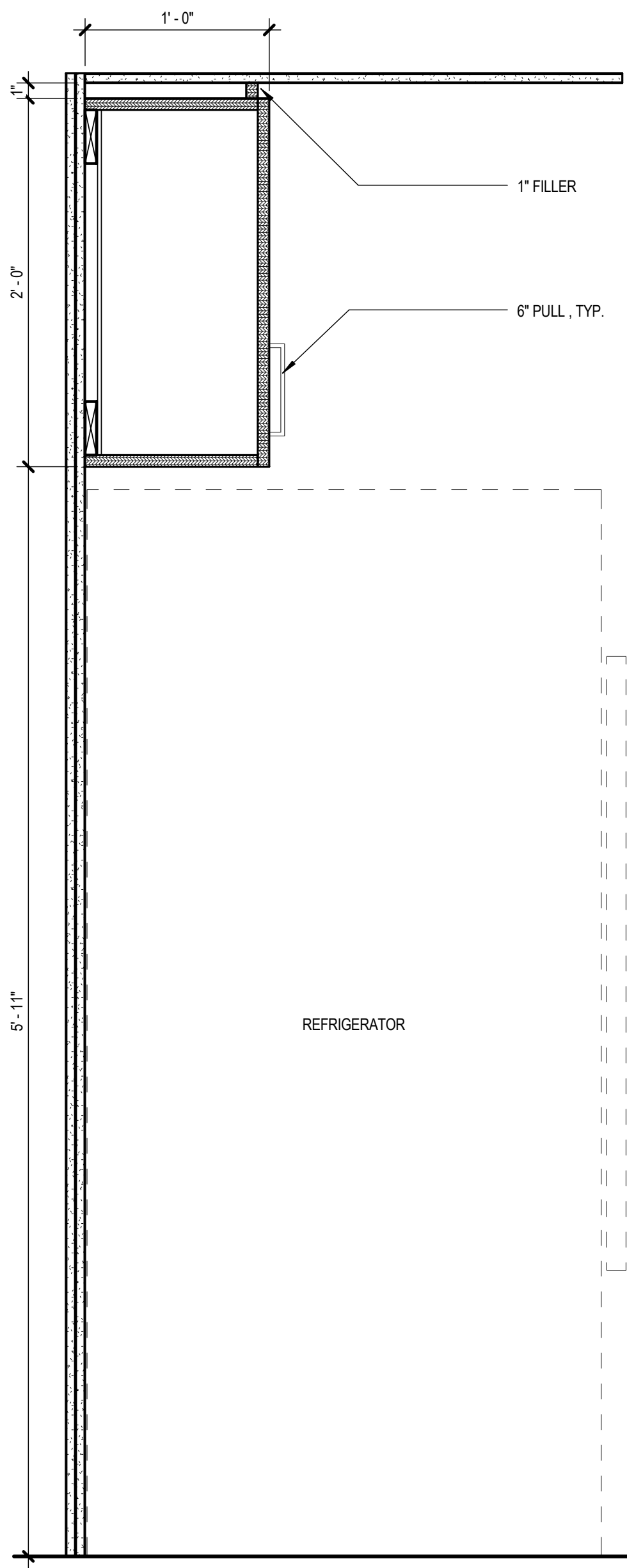
PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
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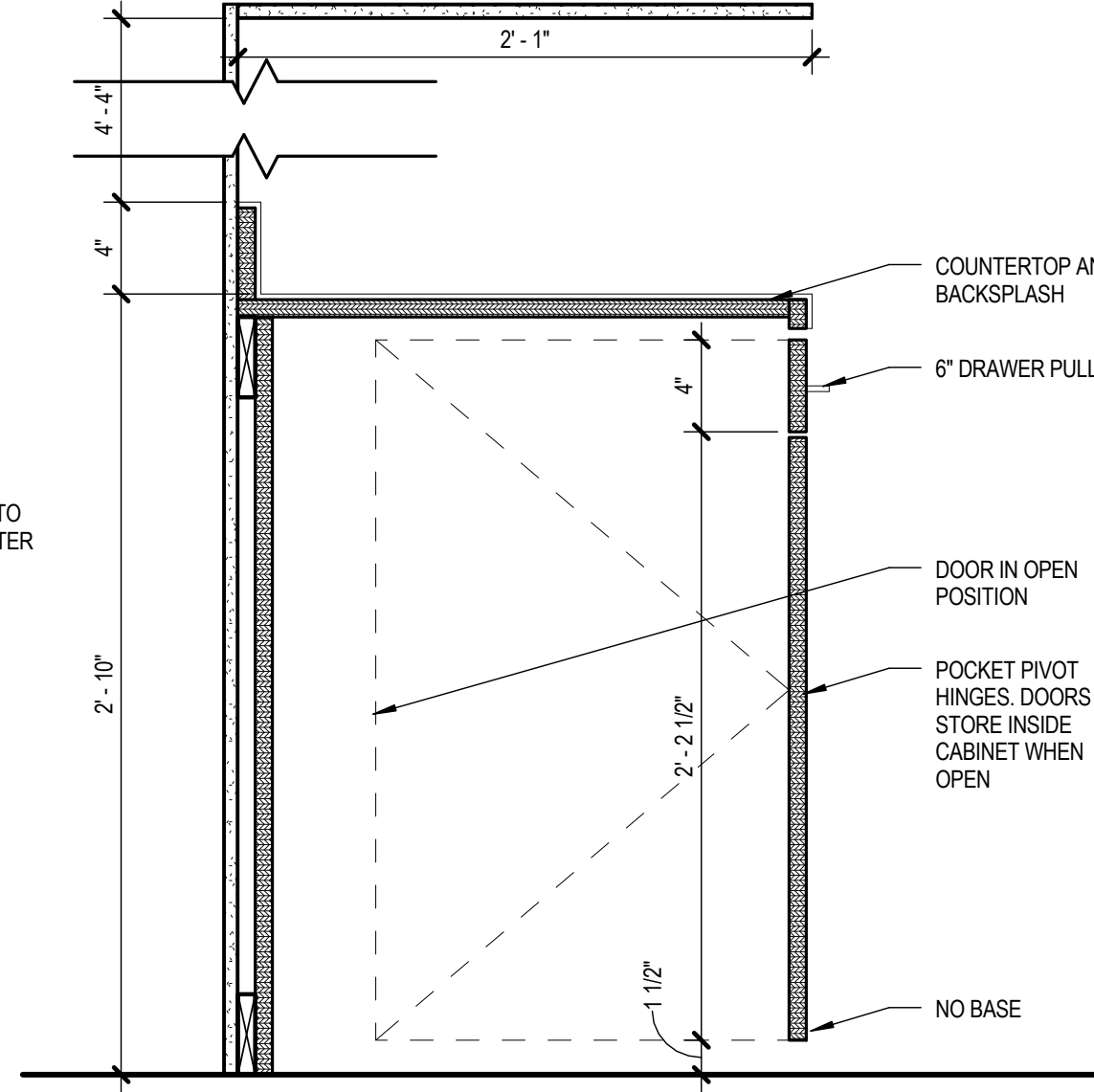
JOB NO.	11089_08
DATE	04.11.2016
DRAWN	Author
REVIEWED	Checker

SHEET NAME
CASEWORK DETAILS

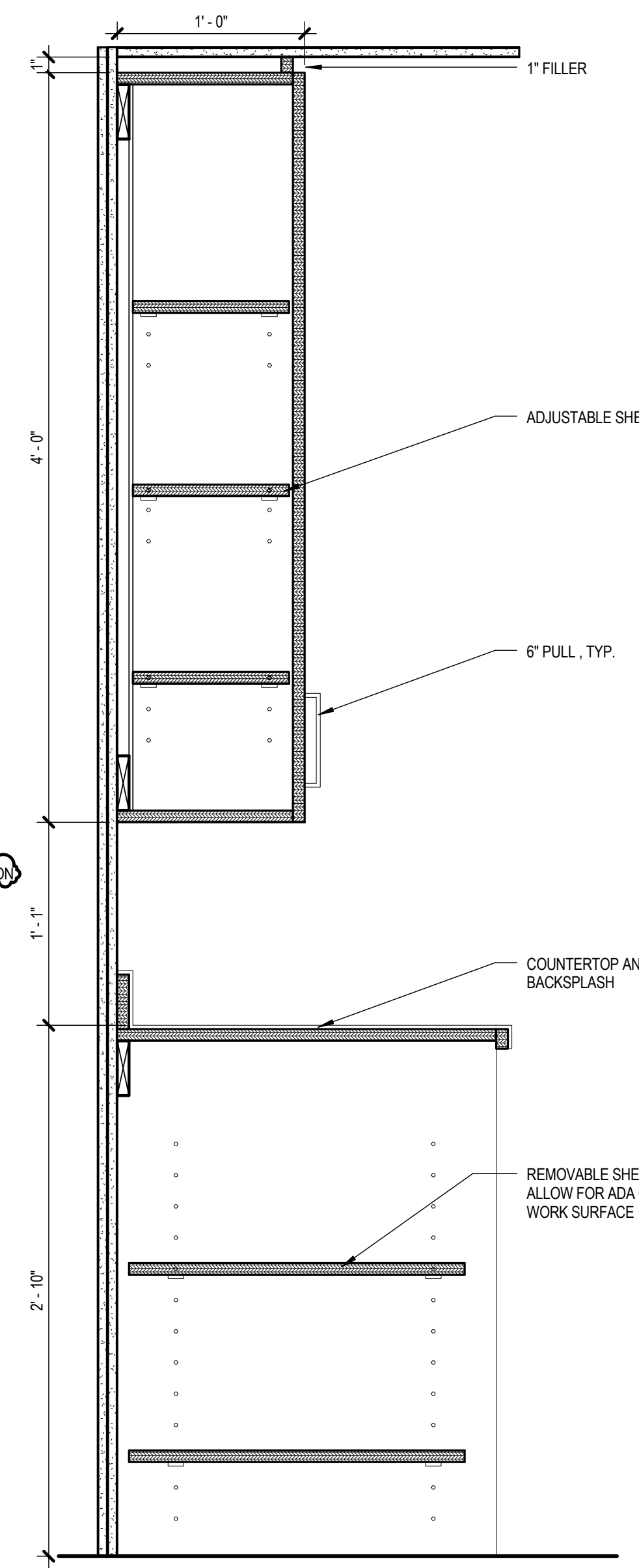
SHEET NO.
A9.00



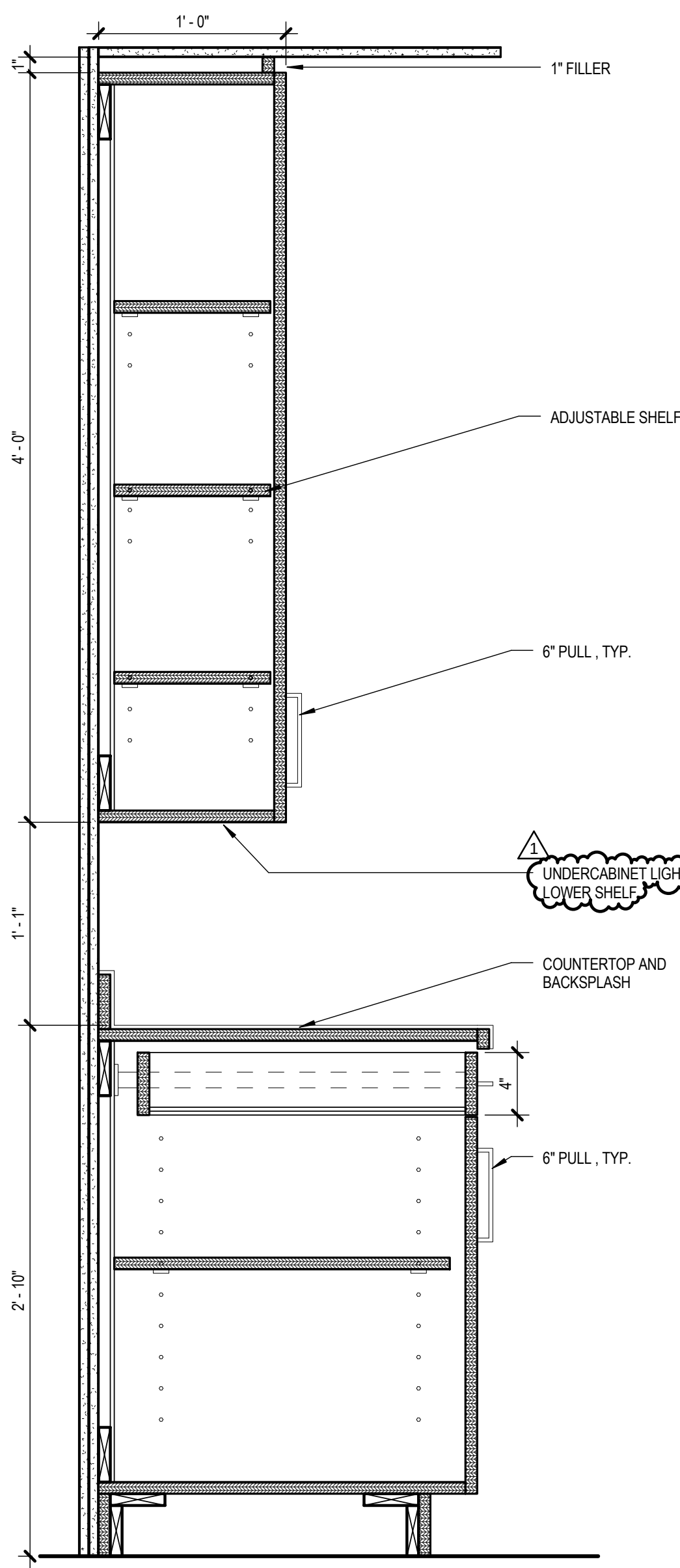
1 18" UPPER ABOVE REFRIGERATOR
1 1/2" = 1'-0"



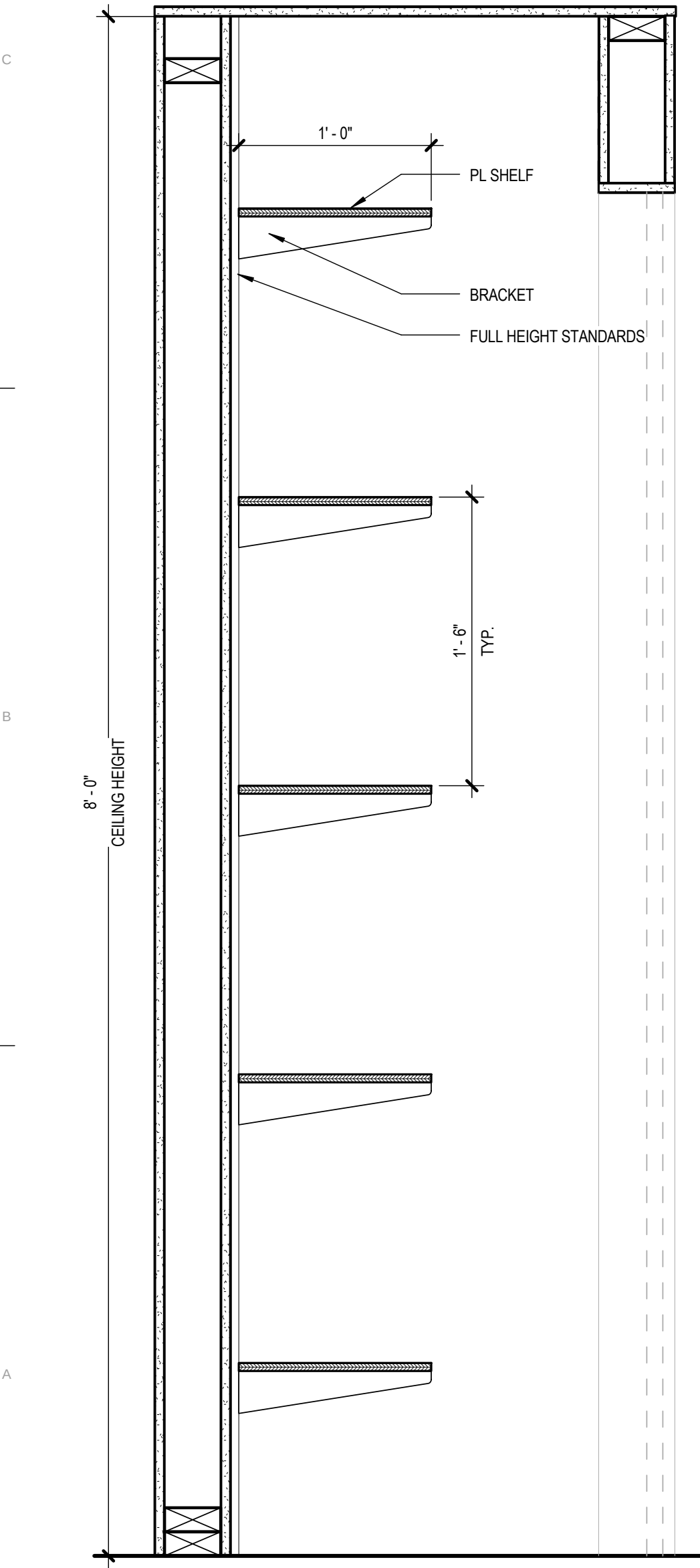
2 UNDER SINK CASEWORK TYP.
1 1/2" = 1'-0"



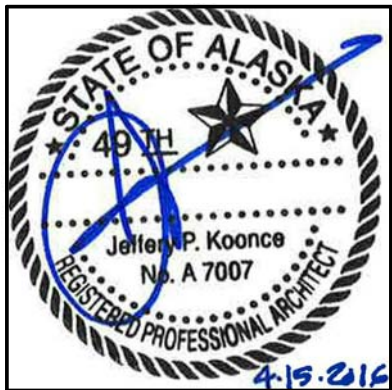
3 BASE COUNTER WITH UPPER
1 1/2" = 1'-0"



4 BASE WITH UPPER
1 1/2" = 1'-0"



5 PANTRY SHELVES
1 1/2" = 1'-0"



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SPENARD MIXED USE

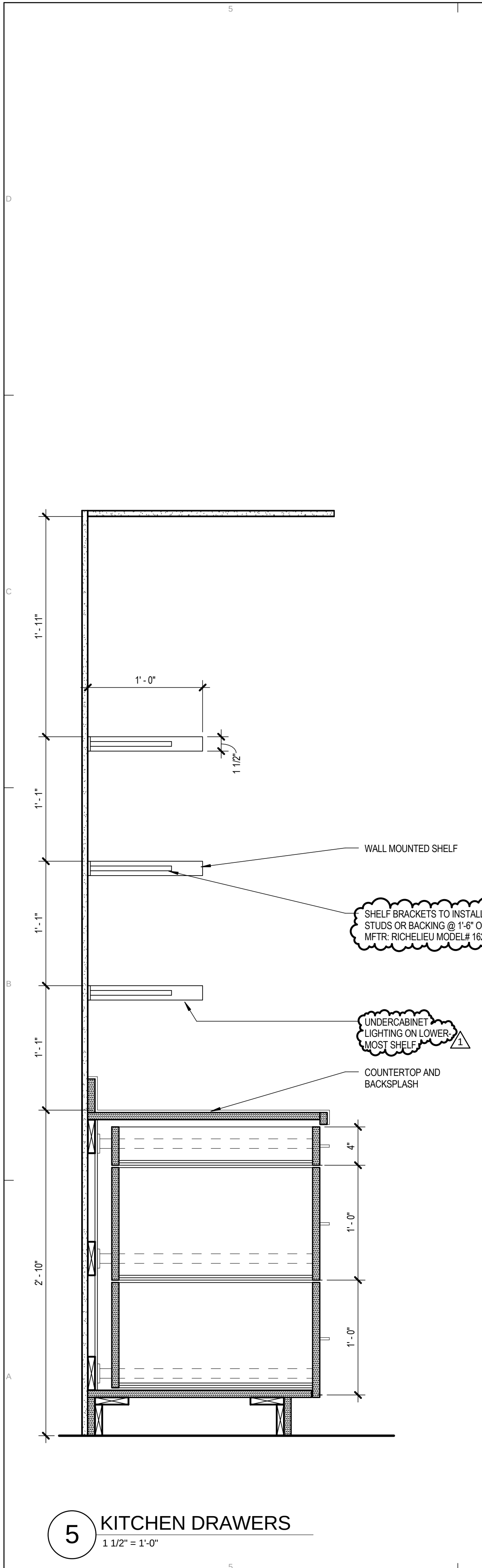
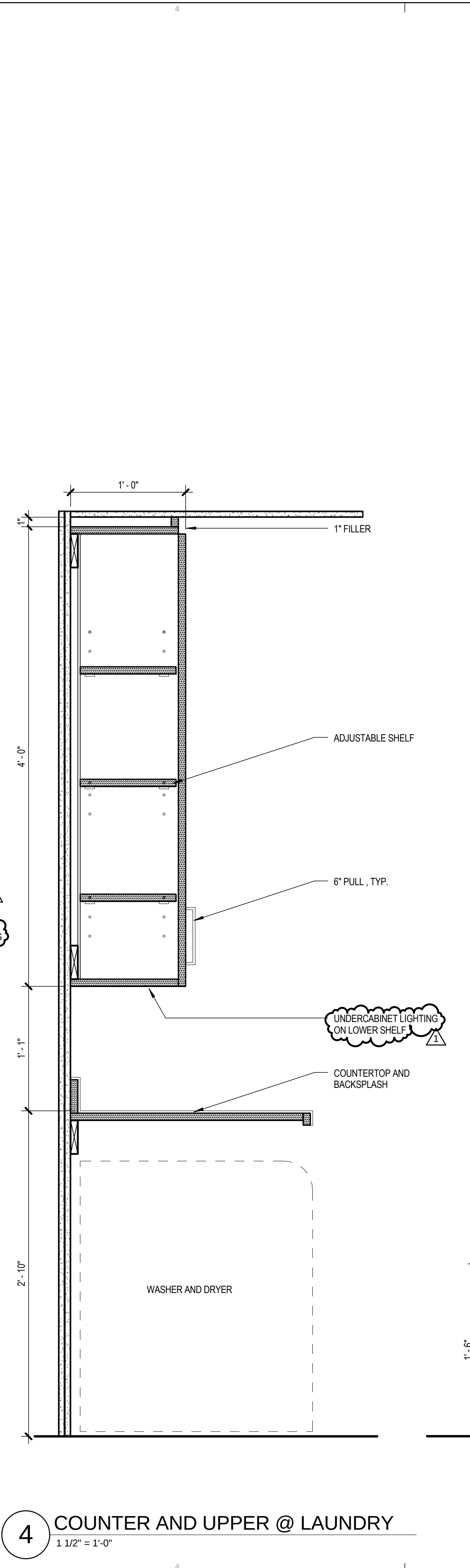
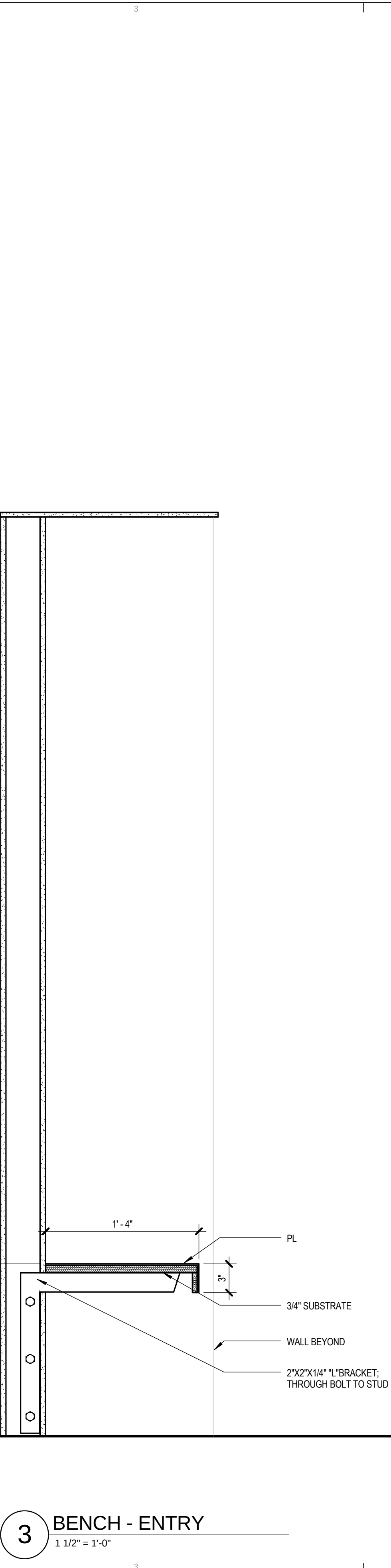
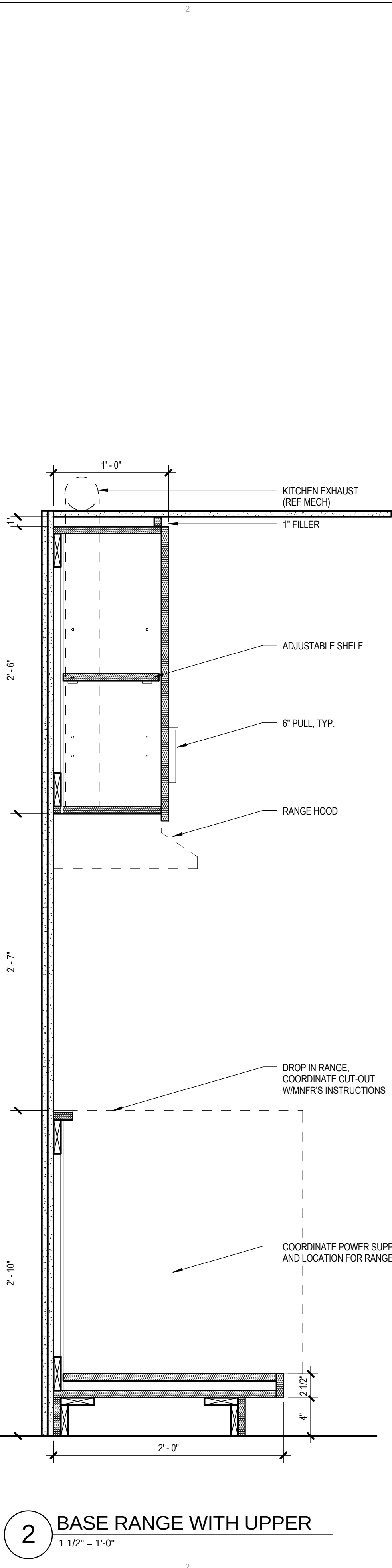
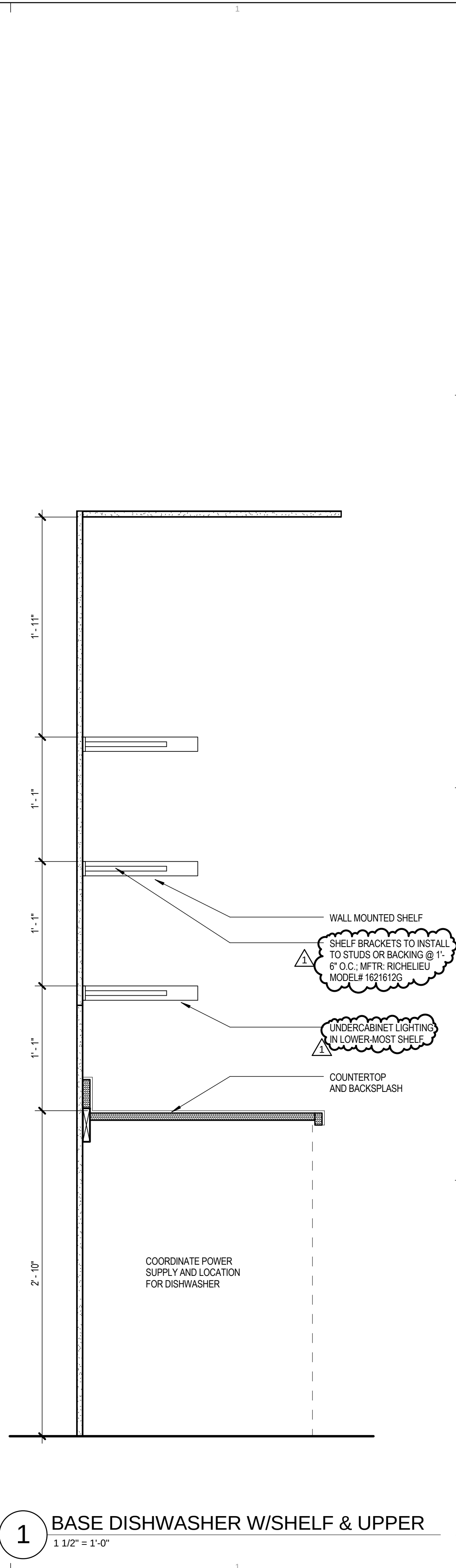
PERMIT SET (100%)
ANCHORAGE, AK

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JOB NO.	11089_08
DATE	04.11.2016
DRAWN	Author
REVIEWED	Checker

SHEET NAME
CASEWORK DETAILS

SHEET NO.
A9.01



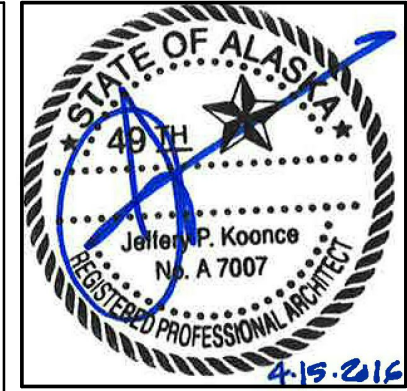
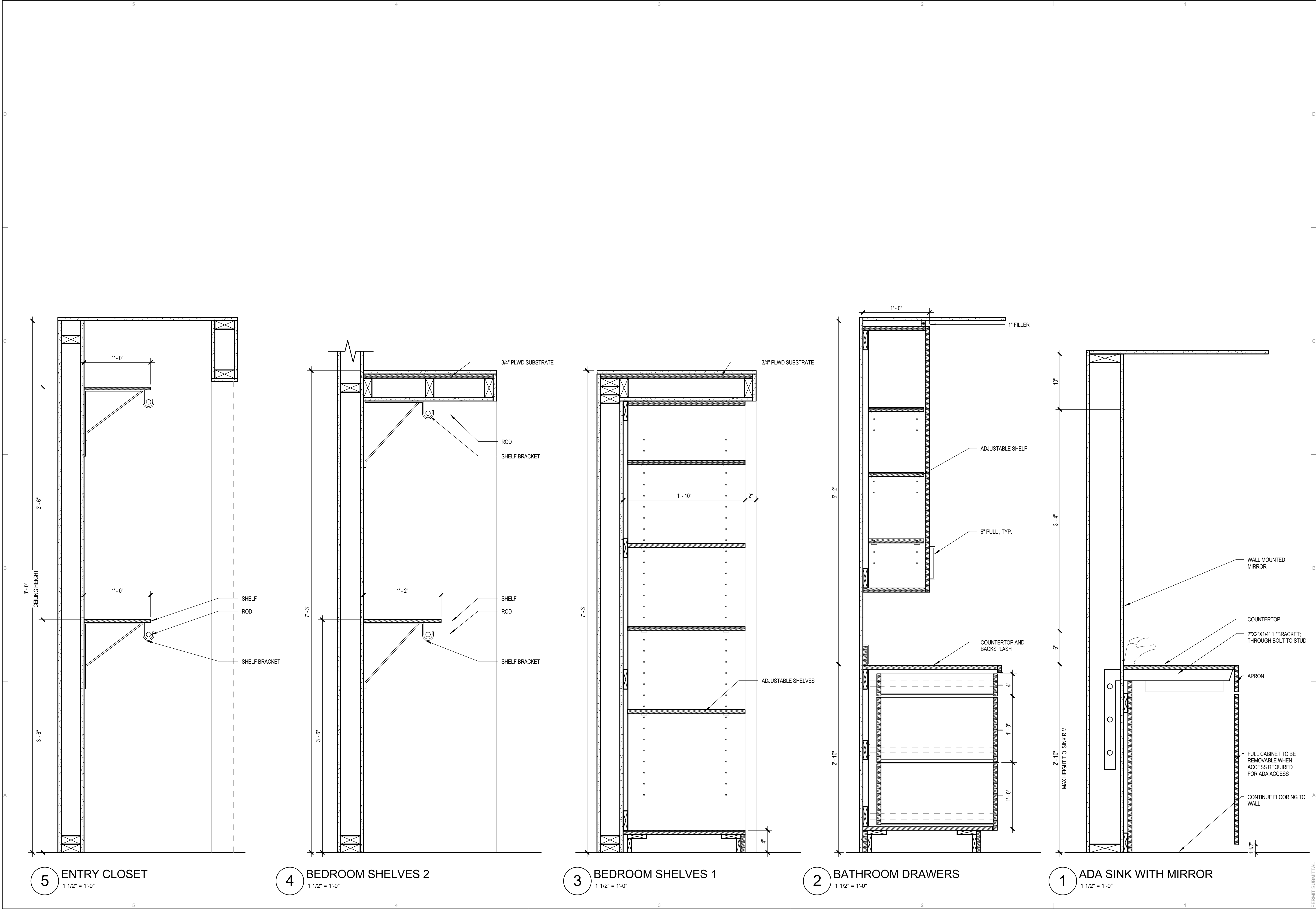
5 KITCHEN DRAWERS
1 1/2" = 1'-0"

4 COUNTER AND UPPER @ LAUNDRY
1 1/2" = 1'-0"

3 BENCH - ENTRY
1 1/2" = 1'-0"

2 BASE RANGE WITH UPPER
1 1/2" = 1'-0"

1 BASE DISHWASHER W/SHELF & UPPER
1 1/2" = 1'-0"



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REVIEWED	TD

SHEET NAME
CASEWORK DETAILS

SHEET NO.
A9.02

PERMIT SUBMITTAL

GENERAL STRUCTURAL NOTES

(APPLY UNLESS NOTED OTHERWISE)

DESIGN CRITERIA:

1. 2012 EDITION OF THE INTERNATIONAL BUILDING CODE, WITH LOCAL AMENDMENTS.

LOADS:

1. BUILDING RISK CATEGORY II.

2. FLOOR LIVE LOAD = 40 PSF (PRIVATE ROOMS)
FLOOR LIVE LOAD = 100 PSF (OTHER AREAS)
STAIR LIVE LOAD = 100 PSF OR 300 LBS CONCENTRATED LOAD ON STAIR TREADS

3. GROUND SNOW LOAD = 50 PSF, Ce=1.0, Is=1.0, Ct=1.0 (1.2 FOR COLD ROOF ELEMENTS),
FLAT ROOF SNOW LOAD = 40 PSF. DRIFT AND UNBALANCED LOADS PER ASCE 7-10.

4. ULTIMATE WIND SPEED = 130 MPH (3-SECOND GUST), EXPOSURE B, Iw=1.00, GCpi=+/-0.18,
COMPONENT AND CLADDING PRESSURES (BASED ON 10 SF TRIBUTARY AREA):
-56.0 PSF (ROOF, WITHIN 12.5 FEET OF BUILDING CORNERS)
-56.0 PSF (ROOF, WITHIN 12.5 FEET OF BUILDING EDGES)
-33.3 PSF (ROOF, ALL OTHER LOCATIONS)
-40.6 PSF (WALLS, WITHIN 12.5 FEET OF BUILDING CORNERS)
-33.0 PSF (WALLS, ALL OTHER LOCATIONS)

5. SEISMIC DESIGN CATEGORY D, SOILS SITE CLASS D, Ie=1.0,
Ss=1.49g, S1=0.55g, SDs=0.99g, SD1=0.55g,
LIGHT-FRAMED WOOD STRUCTURAL PANEL BEARING/SHEAR WALLS, DESIGN BASE SHEAR = 174K,
Cs=0.153, R=6.5, EQUIVALENT LATERAL FORCE PROCEDURE.

6. ALL LOADS INDICATED ON THE DRAWINGS ARE WORKING STRESS LOADS U.N.O.

GENERAL:

1. THE STRUCTURAL CONSTRUCTION DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OR SEQUENCE OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. THE STRUCTURAL ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES FOR PROCEDURE OF CONSTRUCTION, OR THE SAFETY PRECAUTIONS AND THE PROGRAMS INCIDENT THERETO (NOR SHALL OBSERVATION VISITS TO THE SITE INCLUDE INSPECTION OF THESE ITEMS). THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SCAFFOLDING, BRACING AND SHORING.

2. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED CONSTRUCTION. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT.

3. WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDA.

4. ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL WITH APPROPRIATE TRADES, DRAWINGS AND SUBCONTRACTORS PRIOR TO CONSTRUCTION.

5. OPTIONS ARE FOR CONTRACTOR'S CONVENIENCE. IF AN OPTION IS CHOSEN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CHANGES AND SHALL COORDINATE ALL DETAILS WITH ALL TRADES.

6. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT. FOR BIDDING PURPOSES, WHERE ANY MEMBER IS SHOWN BUT NOT CALLED OUT, THE LARGEST SIMILAR MEMBER SHALL BE UTILIZED.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. RESOLVE ANY DISCREPANCY WITH THE ARCHITECT. DO NOT USE SCALED DIMENSIONS.

8. ALL DETAILS SHALL BE INCORPORATED INTO THE PROJECT AT ALL APPROPRIATE LOCATIONS, WHETHER SPECIFICALLY CUT OR NOT. TYPICAL DETAILS MAY NOT NECESSARILY BE CUT ON PLANS, BUT APPLY UNLESS NOTED OTHERWISE. FOR CLARITY, DETAILS MAY SHOW ONLY ONE SIDE OF FRAMING CONDITION.

9. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.

10. ANY ENGINEERING DESIGN, PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW, SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE STATE OF ALASKA.

FOUNDATIONS:

1. FOUNDATION DESIGN IS BASED ON SOILS REPORT BY NORTHERN GEOTECHNICAL ENGINEERING, INC. , REPORT NUMBER 4211-15. ALL CONSTRUCTION SHALL CONFORM TO THE RECOMMENDATIONS OF THE SOILS REPORT. SPREAD FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED SOIL AND/OR ENGINEERED FILL PER THE SOILS REPORT. MAXIMUM ALLOWABLE SOIL BEARING PRESSURE = 3,500 PSF.

2. MINIMUM FOOTING BEARING DEPTH SHALL BE AS FOLLOWS:

UNHEATED EXTERIOR FOOTINGS ----- 96" BELOW FINISHED GRADE*
HEATED PERIMETER FOOTINGS ----- 42" BELOW FINISHED GRADE
INTERIOR FOOTINGS ----- 12" BELOW FINISHED FLOOR

* IF A 5'-0" THICK NON-FROST-SUSCEPTIBLE PAD IS PLACED BELOW FOOTING PER SOILS REPORT, DECREASE FOOTING DEPTH TO 42" BELOW FINISHED GRADE. FOOTING ELEVATIONS ON PLAN ASSUME N.F.S. PAD.

3. PROVIDE POSITIVE DRAINAGE SLOPES, BOTH DURING AND AFTER CONSTRUCTION, FOR SURFACE AND ROOF RUNOFF, MINIMUM 10'-0" FROM BUILDING FOUNDATIONS.

4. DO NOT EXCEED 1'-0" DIFFERENTIAL IN FILL LEVEL ON OPPOSITE SIDES OF FOUNDATION WALLS.

5. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR ANY GEOTECHNICAL ASPECTS OF THIS PROJECT. THE OWNER SHALL EMPLOY A REGISTERED GEOTECHNICAL ENGINEER TO PERFORM NECESSARY TESTING AND QUALITY CONTROL INSPECTIONS TO ENSURE THAT THE RECOMMENDATIONS OF THE SOILS REPORT ARE MET. ALL EARTHWORK SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER.

6. SEE ARCHITECTURAL/CIVIL DRAWINGS FOR EXTERIOR SLABS AND SIDEWALKS.

CONCRETE:

1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301 AND ACI 318. CEMENT SHALL CONFORM TO ASTM C150, TYPE II. AGGREGATE SHALL CONFORM TO ASTM C33. CONCRETE SHALL BE READY MIXED IN ACCORDANCE WITH ASTM C94 AND SHALL BE DESIGNED FOR A MINIMUM 28-DAY COMPRESSIVE STRENGTH AS FOLLOWS:

SLABS ON GRADE ----- 3,000 PSI
FOUNDATIONS ----- 3,000 PSI

2. FLY ASH (IF PERMITTED BY ARCHITECT) SHALL CONFORM TO ASTM C618, CLASS F AND SHALL BE LIMITED TO 18% OF CEMENTITIOUS MATERIALS AND SHALL HAVE A REPLACEMENT FACTOR OF 1.2 RELATIVE TO CEMENT REPLACED. CONCRETE SHALL BE FREE OF CHLORIDE.

3. MAXIMUM SLUMP 4 1/2" FOR CONCRETE WITHOUT PLASTICIZER. IF PLASTICIZER IS USED, AN 8" MAXIMUM SLUMP IS ALLOWED AT PLACEMENT. ALL MIX DESIGNS SHALL BE DESIGNED BY THE CONCRETE PRODUCTION FACILITY IN ACCORDANCE WITH ACI 301 AND SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER PRIOR TO PLACEMENT. DO NOT ADD WATER ON SITE TO INCREASE SLUMP OR WORKABILITY.

4. MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED, EXCEPT THAT SLABS ON GRADE NEED BE VIBRATED ONLY AROUND UNDER-FLOOR DUCTS, ETC. DO NOT DROP CONCRETE MORE THAN FIVE FEET WITH OUT THE USE OF TREMIES.

5. UNLESS APPROVED OTHERWISE IN WRITING BY THE ARCHITECT, ALL CONCRETE SLABS ON GRADE SHALL BE BOUND BY CONTROL JOINTS (KEYED OR SAW CUT), SUCH THAT THE ENCLOSED AREA DOES NOT EXCEED 36 TIMES THE SLAB THICKNESS AND THE ASPECT RATIO OF THE ENCLOSED AREA DOES NOT EXCEED 1.5. SAW CUTS SHALL BE 1/8" WIDE AND 1/4 TIMES THE SLAB THICKNESS IN DEPTH. KEYED CONTROL JOINTS NEED ONLY OCCUR AT EXPOSED EDGES DURING POURING. ALL OTHER JOINTS MAY BE SAW CUT.

6. PROVIDE SLEEVES FOR ALL UTILITY OPENINGS. DO NOT CUT ANY REINFORCING AT OPENINGS.

7. CONCRETE WHICH HAS CONTAINED WATER FOR MORE THAN 90 MINUTES SHALL NOT BE USED. RETEMPERING OF CONCRETE AFTER INITIAL SET IS NOT ALLOWED. CURE EXPOSED CONCRETE PER ACI 301 FOR A MINIMUM OF 7 DAYS.

REINFORCING STEEL:

1. ALL BARS #4 AND LARGER SHALL BE ASTM A615 (Fy = 60 KSI) DEFORMED BARS. ALL BARS #3 AND SMALLER SHALL BE ASTM A615 (Fy = 40 KSI) DEFORMED BARS. REINFORCING TO BE WELDED SHALL BE ASTM A706. WELDED WIRE FABRIC SHALL BE ASTM A185 DEFORMED WIRE. TACK WELDING OF REINFORCING BARS SHALL NOT BE ALLOWED WITHOUT PRIOR REVIEW OF THE PROCEDURE WITH THE STRUCTURAL ENGINEER. LATEST ACI CODE AND DETAILING MANUAL APPLY.

2. ACCURATELY PLACE OR SUPPORT ALL REINFORCING, INCLUDING WELDED WIRE FABRIC, WITH GALVANIZED METAL CHAIRS, SPACERS OR HANGERS FOR THE FOLLOWING CLEAR CONCRETE COVERAGES:

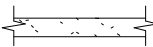
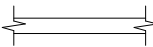
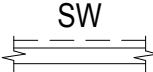
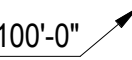
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH ----- 3"
EXPOSED TO EARTH OR WEATHER
#6 OR LARGER ----- 2"
#5 AND SMALLER ----- 1 1/2"
ALL OTHER PER LATEST EDITION OF ACI 318.

3. SEE DRAWINGS FOR SIZE AND SPACING OF REINFORCING. LAP SPLICE ALL CONCRETE REINFORCING 60 BAR DIAMETERS MINIMUM. LAPS IN WELDED WIRE FABRIC SHALL BE MADE SUCH THAT THE OVERLAP, MEASURED BETWEEN OUTERMOST CROSS WIRES OF EACH FABRIC SHEET, IS NOT LESS THAN THE SPACING OF CROSS WIRES PLUS 2 INCHES.

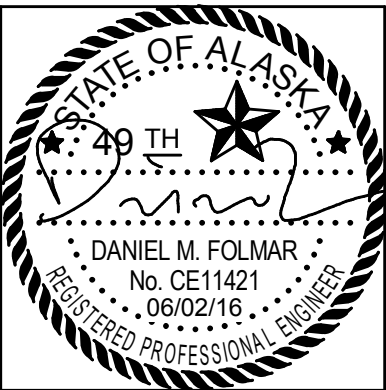
4. ALL REINFORCING NOTED AS "CONTINUOUS" SHALL BE FULLY CONTINUOUS AND SPLICED. PROVIDE BENT CORNER BARS TO MATCH AND LAP WITH HORIZONTAL BARS AT ALL CORNERS AND INTERSECTIONS PER TYPICAL DETAILS.

5. REINFORCING BAR SPACING GIVEN ARE MAXIMUM ON CENTERS. ALL BARS PER CRSI SPECIFICATIONS AND HANDBOOK. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION WITH STANDARD 90 DEGREE HOOKS UNLESS NOTED OTHERWISE. SKEW HOOKS AS REQUIRED TO MAINTAIN CONCRETE COVER. SECURELY TIE ALL BARS IN LOCATION BEFORE PLACING CONCRETE.

INTERPRETATION OF DRAWINGS

PLAN LEGEND		
SYMBOL	DESCRIPTION	REMARKS
	DETAIL CUTS SHOWN ON PLANS	FOUNDATION DETAILS ARE 100 SERIES NUMBERS. FRAMING DETAILS ARE 200 SERIES NUMBERS. BRACED FRAME DETAILS ARE 300 SERIES NUMBERS.
	KEYNOTE	
	CONCRETE WALL U.N.O.	SEE PLANS AND DETAILS FOR SIZE AND REINFORCING
	WOOD STUD WALL U.N.O.	SEE PLANS AND NOTES FOR SIZE
	SHEAR WALL	SEE PLANS FOR LOCATION, SIZE AND TYPE
	HOLDOWN ANCHOR	SEE PLANS FOR LOCATION AND TYPE
	SLAB DEPRESSION OR CHANGE IN ELEVATION	VERIFY DEPTH WITH ARCHITECTURAL DRAWINGS
	ELEVATION TARGET	
	DIRECTION OF SLOPE	VERIFY SLOPE WITH ARCHITECTURAL AND/OR MECHANICAL DRAWINGS
	REVISION SYMBOL	
	OPENING	
	MECHANICAL EQUIPMENT	VERIFY SIZE AND LOCATION WITH ARCHITECTURAL AND/OR MECHANICAL DRAWINGS
	POINT OF SUPPORT/SHORING	

ABBREVIATIONS			
A.B.C. -----	AGGREGATE BASE COURSE	L.L. -----	LIVE LOAD
A.F.F. -----	ABOVE FINISHED FLOOR	LBS -----	POUNDS
ALT -----	ALTERNATE	L.L.H. -----	LONG LEG HORIZONTAL
A.B. -----	ANCHOR BOLT	L.L.V. -----	LONG LEG VERTICAL
B.F.F. -----	BELOW FINISHED FLOOR	MFR (S) -----	MANUFACTURER(S)
B.O.B. -----	BOTTOM OF BEAM	M.C.J. -----	MASONRY CONTROL JOINT
B.O.D. -----	BOTTOM OF DECK	MECH. -----	MECHANICAL
B.O.F. -----	BOTTOM OF FOOTING	N/A -----	NOT APPLICABLE
B.O.S. -----	BOTTOM OF STEEL	N.F.S. -----	NON-FROST SUSCEPTIBLE
BOT -----	BOTTOM	N.T. -----	NOT TO SCALE
BRBF -----	BUCKLING-RESTRAINED BRACED FRAME	O.C. -----	ON CENTER
BRG -----	BEARING	OPP -----	OPPOSITE (MIRRORED)
C.I.P. -----	CAST IN PLACE	P.A.F. -----	POWDER ACTUATED FASTENER
C.L. -----	CENTERLINE	P.C. -----	PRECAST CONCRETE
CLR -----	CLEAR	PCF -----	POUNDS PER CUBIC FOOT
CONC. -----	CONCRETE	PLF -----	POUNDS PER LINEAR FOOT
CONC. C.J. -----	CONCRETE CONTROL JOINT	PREFAB -----	PREFABRICATED
C.M.U. -----	CONCRETE MASONRY UNIT	PSF -----	POUNDS PER SQUARE FOOT
CONN. -----	CONNECTION	PSI -----	POUNDS PER SQUARE INCH
CONT. -----	CONTINUOUS	REINF. -----	REINFORCING
D.L. -----	DEAD LOAD	SCH -----	SCHEDULE
DIA. -----	DIAMETER	SIM -----	SIMILAR
DN -----	DOWN	SLRS -----	SEISMIC LOAD RESISTING SYSTEM
DWG (S) -----	DRAWING(S)	SP -----	SPACES
EBF -----	ECCENTRIC BRACED FRAME	STD -----	STANDARD
E.F. -----	EACH FACE	T&B -----	TOP AND BOTTOM
E.O.S. -----	EDGE OF SLAB	T.L. -----	TOTAL LOAD
EQ -----	EQUAL	T.O.B. -----	TOP OF BEAM
EQUIP. -----	EQUIPMENT	T.O.C. -----	TOP OF CONCRETE
EXP. BOLT -----	EXPANSION BOLT	T.O.D. -----	TOP OF DECK
E.J. -----	EXPANSION JOINT	T.O.F. -----	TOP OF FOOTING
E.W. -----	EACH WAY	T.O.L. -----	TOP OF LEDGER
F.F.E. -----	FINISHED FLOOR ELEVATION	T.O.P. -----	TOP OF PLYWOOD
GA -----	GAGE	T.O.P.L. -----	TOP OF PLATE
GALV -----	GALVANIZED	T.O.S. -----	TOP OF STEEL
G.S.N. -----	GENERAL STRUCTURAL NOTES	T.O.W. -----	TOP OF WALL
GLB (GLULAM) -----	GLUED-LAMINATED BEAM	TYP -----	TYPICAL
HORIZ. -----	HORIZONTAL	U.N.O. -----	UNLESS NOTED OTHERWISE.
I.B.C. -----	INTERNATIONAL BUILDING CODE	VERT. -----	VERTICAL
I.C.C. -----	INTERNATIONAL CODE COUNCIL	W.W.F. -----	WELDED WIRE FABRIC
K (KIP) -----	1000 POUNDS	W/ -----	WITH
		W/O -----	WITHOUT



COOK INLET HOUSING AUTHORITY

SPENARD MIXED USE

PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO.	215156
DATE	04.11.2016
DRAWN	MEH
REVIEWED	ZDS, DMF

SHEET NAME	GENERAL STRUCTURAL NOTES AND INTERPRETATION OF DRAWINGS
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SHEET NO.	S1.00
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GENERAL STRUCTURAL NOTES (CONTINUED)

(APPLY UNLESS NOTED OTHERWISE)

POST-INSTALLED ANCHORS:

1. INSTALL POST-INSTALLED ANCHORS ONLY AS INDICATED ON THE DRAWINGS AND/OR WITH SPECIFIC WRITTEN APPROVAL OF THE ENGINEER PRIOR TO INSTALLATION.
2. EPOXY ANCHORS IN CONCRETE SHALL BE THREADED ROD OR REINFORCING STEEL, INSTALLED WITH SET-XP ADHESIVE BY SIMPSON PER I.C.C. REPORT ESR-2508.
3. EXPANSION ANCHORS IN CONCRETE SHALL BE KWIK BOLT TZ BY HILTI, INSTALLED PER I.C.C. REPORT ESR-1917. EXPANSION ANCHORS SHALL NOT BE USED IN MASONRY UNLESS SPECIFICALLY NOTED.
4. SCREW ANCHORS IN CONCRETE OR MASONRY SHALL BE TITEN HD BY SIMPSON, INSTALLED PER ICC REPORT ESR-2713 (CONCRETE) OR ESR-1056 (MASONRY).
5. THE CONTRACTOR MAY NOT USE SUBSTITUTES FOR POST-INSTALLED ANCHORS WITHOUT PRIOR APPROVAL OF THE ENGINEER.
6. SEE DRAWINGS FOR ANCHOR EMBEDMENT DEPTHS. INSTALL ANCHORS AS OUTLINED IN THE MANUFACTURER'S SPECIFICATIONS, UTILIZING PROPER SIZE AND TYPE OF DRILL AND PROPER HOLE CLEANING, DRIVING, AND TIGHTENING TECHNIQUES.
7. SPECIAL INSPECTION OF ALL POST-INSTALLED ANCHORS IS REQUIRED, IN ACCORDANCE WITH THE APPLICABLE PRODUCT EVALUATION REPORT.

ROUGH CARPENTRY AND PLYWOOD:

1. ALL FRAMING PER IBC CHAPTER 23. FRAMING LUMBER SHALL COMPLY WITH THE 2005 EDITION OF THE NATIONAL DESIGN SPECIFICATION. MAXIMUM MOISTURE CONTENT SHALL NOT EXCEED 19 PERCENT. ALL SAWN LUMBER SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED LUMBER GRADING AGENCY. ALL SAWN LUMBER SHALL BE OF THE FOLLOWING MINIMUM GRADES UNLESS NOTED OTHERWISE:

MEMBER TYPE	WOOD TYPE
JOISTS	
2x4 -----	H.F. STUD
2x6 OR LARGER -----	H.F. #2
BEAMS, LEDGERS, LINTELS AND TOP PLATES	
WIDTH 4" OR LESS -----	H.F. #2
WIDTH GREATER THAN 4" -----	H.F. #1
STUDS, PLATES AND BLOCKING	
2x4 -----	H.F. STND
2x6 OR LARGER -----	D.F. #1
STAGGERED 2x4 STUDS AT INTERIOR BEARING WALLS, FIRST FLOOR -----	VERSA-STUD
COLUMNS	
2X, 4x4 -----	H.F. #2
4x6 OR LARGER -----	D.F. #2
6x6 OR LARGER -----	D.F. #1

2. ALL PLYWOOD SHALL CONFORM TO PS-1 OR APA PRP-108, SHALL HAVE AN EXTERIOR OR EXPOSURE 1 CLASSIFICATION AND SHALL BEAR THE STAMP OF AN APPROVED TESTING AGENCY. LAY UP PLYWOOD WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND STAGGER JOINTS. ON ROOFS WHERE PLYWOOD IS LAID UP WITH FACE GRAIN PARALLEL TO SUPPORTS, USE A MINIMUM OF 5-PLY PLYWOOD. ALL PLYWOOD SHALL BE OF THE FOLLOWING NOMINAL THICKNESS, SPAN/INDEX RATIO AND SHALL BE ATTACHED AS FOLLOWS UNLESS NOTED OTHERWISE:

USE	THICKNESS	SPAN/INDEX RATIO	EDGE ATTACHMENT	INTERMEDIATE ATTACHMENT
ROOF -----	5/8"	32/16 -----	10d AT 6" O.C. -----	10d AT 12" O.C.
FLOOR* -----	3/4" T & G -----	48/24 -----	10d AT 6" O.C. -----	10d AT 10" O.C.
WALL** -----	7/16"	24/0 -----	8d AT 6" O.C. -----	8d AT 12" O.C.

* AT FLOORS, USE RING SHANK NAILS. IN ADDITION TO NAILING, GLUE ALL FLOOR SHEATHING TO FRAMING WITH AN APA AFG-01 QUALIFIED GLUE.

** AT SHEAR WALLS SEE SHEAR WALL SCHEDULE FOR SHEATHING THICKNESS AND ATTACHMENT.

3. AMERICAN PLYWOOD ASSOCIATION PERFORMANCE RATED SHEATHING (OSB) MAY BE USED AS AN ALTERNATE TO PLYWOOD. WHERE ROOF IS TO BE GUARANTEED, IT MAY NOT BE USED WITHOUT PRIOR APPROVAL FROM BUILT-UP ROOF SYSTEM MANUFACTURER. RATED SHEATHING SHALL COMPLY WITH I.C.C. REPORT NER-108. HAVE AN EXTERIOR OR EXPOSURE 1 CLASSIFICATION, AND SHALL HAVE A SPAN RATING EQUIVALENT TO OR BETTER THAN THE PLYWOOD IT REPLACES. ATTACHMENT AND THICKNESS (WITHIN 1/32") SHALL BE THE SAME AS THE PLYWOOD IT REPLACES. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

4. SEE TYPICAL DETAILS FOR ALLOWABLE NOTCHES AND HOLES IN STRUCTURAL FRAMING. DO NOT NOTCH, DRILL, OR SPLICE JOISTS, BEAMS, OR LOAD BEARING STUDS BEYOND THE DETAILS WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.

5. INTERIOR STRUCTURAL STUD WALLS SHALL BE 2x AT 16" O.C. U.N.O. (SEE ARCHITECTURAL DRAWINGS FOR THICKNESS). PLATE ATTACHMENTS SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:

BOTTOM PLATES AT FOUNDATIONS -----	5/8" DIA. ANCHORS AT 48" MAX O.C.
BOTTOM PLATES AT FRAMING -----	10d NAILS AT 12" O.C. MAX

ANCHORS/FASTENERS SHALL BE PLACED AT ALL JAMBS, CORNERS, INTERSECTIONS, ENDS OF WALLS, AND AT PLATE PIECE ENDS.

6. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY FOUNDATIONS SHALL BE PRESSURE TREATED WOOD STAMPED BY AN APPROVED AGENCY.

7. AT STRUCTURAL STUD WALLS DIRECTLY SUPPORTING ROOF FRAMING, WHERE WOOD STRUCTURAL PANEL SHEATHING IS NOT ATTACHED DIRECTLY TO THE TOP AND BOTTOM PLATES, INSTALL A SIMPSON H3 OR RSP4 CLIP AT THE TOP AND BOTTOM OF EVERY OTHER STUD, EVERY CORNER STUD, AND AT EVERY FULL HEIGHT JAMB STUD ADJACENT TO OPENINGS. WHERE ROOF FRAMING ANCHORS ARE INSTALLED ON THE OPPOSITE FACE OF THE STUDS FROM WOOD PANEL SHEATHING, INSTALL A SIMPSON RSP4 CLIP AT THE TOP OF EVERY STUD OR AN SP2 CLIP AT THE TOP OF EVERY OTHER STUD, ON THE SAME FACE AS THE FRAMING ANCHORS. INSTALL 2x SOLID BLOCKING AT MID-HEIGHT OF BEARING STUD WALLS THAT DO NOT HAVE WOOD PANEL SHEATHING INSTALLED ON ONE FACE.

8. METAL FRAMING CONNECTORS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC. OR OTHER MANUFACTURER WITH CURRENT AND EQUIVALENT I.C.C. APPROVAL. ALL NAIL HOLES IN CONNECTORS SHALL BE FILLED WITH NAIL OF THE LARGEST SIZE INDICATED IN THE MANUFACTURER'S CATALOG U.N.O.

9. ALL NAILING NOT NOTED SHALL BE ACCORDING TO TABLE 2304.9.1 OF THE IBC. NAILS SHALL BE COMMON NAILS WITH THE FOLLOWING TYPICAL DIMENSIONS (PER ASTM F1667) UNLESS NOTED OTHERWISE:

(L = LENGTH, D = SHANK DIAMETER, H = HEAD DIAMETER)

6d L ---- 2"	16d L ---- 3-1/2"
D ---- 0.113"	D ---- 0.162"
H ---- 0.266"	H ---- 0.344"
8d L ---- 2-1/2"	20d L ---- 4"
D ---- 0.131"	D ---- 0.192"
H ---- 0.281"	H ---- 0.406"
10d L ---- 3"	30d L ---- 4-1/2"
D ---- 0.148"	D ---- 0.207"
H ---- 0.312"	H ---- 0.432"

WHERE SCREWS ARE INDICATED FOR WOOD TO WOOD ATTACHMENTS, USE WOOD SCREWS WITH TYPICAL DIMENSIONS PER ANSI B18.6.1.

10. ALL FASTENERS IN CONTACT WITH TREATED LUMBER SHALL BE HOT-DIP GALVANIZED OR STAINLESS STEEL.

WOOD STAIRS:

1. WOOD STAIRS SHALL BE ASSEMBLED AND FABRICATED BY QUALIFIED CARPENTERS. ALL FRAMING IS PER IBC CHAPTER 23. MAXIMUM MOISTURE CONTENT SHALL NOT EXCEED 16%.
2. WOOD STAIR STRINGERS SHALL BE OF THE FOLLOWING MINIMUM SIZE AND SPECIES:
SOLID SAWN WOOD STRINGERS: 2x12 H.F. #2.
ENGINEERED WOOD STRINGERS: 1 3/4" WIDE x 11 1/4" DEEP WITH A MINIMUM Fb = 2,600 PSI AND MINIMUM MODULUS OF ELASTICITY OF 1,700,000 PSI.
3. WOOD STAIR STRINGERS AS DETAILED ABOVE MAY BE USED FOR THE FOLLOWING SPANS AS MEASURED ALONG THE SLOPE OF THE STRINGER:

- A. SOLID SAWN WOOD STRINGERS: (1) AT 12" O.C. - MAXIMUM SPAN = 8'-6".
(2) AT 12" O.C. - MAXIMUM SPAN = 12'-6".
- B. ENGINEERED WOOD STRINGERS: (1) AT 12" O.C. - MAXIMUM SPAN = 11'-6".
(2) AT 12" O.C. - MAXIMUM SPAN = 14'-6".

IF THE PROJECT CONDITIONS EXCEED THOSE NOTED ABOVE, AN ENGINEERED DESIGN COMPLYING WITH THE IBC SHALL BE SEALED BY A REGISTERED ENGINEER AND SUBMITTED FOR REVIEW PRIOR TO ASSEMBLY.

4. MAXIMUM NOTCH (AS MEASURED PERPENDICULAR TO THE STRINGER PLANE) SHALL NOT EXCEED 5 3/4" FOR THE STRINGER SPANS SHOWN ABOVE.

5. STAIR TREADS SHALL COMPLY WITH THE FOLLOWING MINIMUM PROPERTIES: 3/4" PLYWOOD (OR OSB), 48/24 SPAN RATING OR 1x H.F. #2 FLAT WOOD DECKING.

6. ATTACHMENT TO ADJACENT WOOD OR MASONRY WALLS SHALL BE PER DETAILS. COORDINATE ATTACHMENT WITH ARCHITECTURAL FOR SOUND TRANSMISSION PRIOR TO CONNECTING STAIR STRINGERS TO ADJACENT WALLS.

7. FOR STAIR DIMENSIONS (INCLUDING RISE AND RUN) AND TREAD SURFACES, SEE ARCHITECTURAL DRAWINGS.

ENGINEERED LUMBER PRODUCTS:

1. LAMINATED VENEER LUMBER (LVL) PRODUCTS SHALL CONFORM TO APA/EWS PRL-501 AND I.C.C. ESR-1387. LVL MEMBERS SHALL BE "VERSA-LAM" 2.0E 3100 AS MANUFACTURED BY BOISE ENGINEERED WOOD PRODUCTS, OR APPROVED EQUIVALENT BY OTHER MANUFACTURER WITH CURRENT AND EQUIVALENT ICC APPROVAL.
2. VERSA-STUD SHALL CONFORM TO ICC ESR-1040. VERSA-STUD MEMBERS SHALL BE 1-1/4" "VERSA-STRAND" 0.8E OR "VERSA-STUD" 1.7E 2400 AS MANUFACTURED BY BOISE ENGINEERED WOOD PRODUCTS, OR APPROVED EQUIVALENT BY OTHER MANUFACTURER WITH CURRENT AND EQUIVALENT ICC APPROVAL.

3. I-SERIES FLOOR AND ROOF JOISTS SHALL BE BCI JOISTS MANUFACTURED BY BOISE, OR APPROVED EQUIVALENT BY ANOTHER MANUFACTURER, AND SHALL CARRY ICC APPROVAL FOR THE COMPOSITE SECTION. BRIDGING, BLOCKING, AND WEB STIFFENERS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS. NAILING NOT OTHERWISE SPECIFIED SHALL BE PER THE MANUFACTURER'S INSTRUCTIONS.

4. GLU-LAMINATED BEAMS SHALL BE DOUGLAS FIR LARCH WITH THE FOLLOWING MINIMUM PROPERTIES: Fb = 2,400 PSI, Fv = 190 PSI, Fc (PERPENDICULAR) = 650 PSI, E = 1,800,000 PSI. BEAMS CANTILEVERING OVER SUPPORTS SHALL HAVE THE SPECIFIED MINIMUM PROPERTIES TOP AND BOTTOM. ALL BEAMS SHALL BE FABRICATED USING WATERPROOF GLUE. FABRICATION AND HANDLING SHALL BE PER LATEST AITC AND WCLA STANDARDS. BEAMS SHALL BEAR GRADE STAMP AND AITC STAMP AND CERTIFICATE. APPEARANCE GRADE BEAMS SHALL BE USED IF INDICATED ON ARCHITECTURAL DRAWINGS.

5. ALL EXTERIOR, EXPOSED GLU-LAMINATED BEAMS SHALL BE PORT ORFORD CEDAR WITH THE FOLLOWING MINIMUM PROPERTIES: Fb = 2,200 PSI, Fv = 265 PSI, Fc (PERPENDICULAR) = 560 PSI, E = 1,700,000 PSI.

STRUCTURAL STEEL:

1. ALL STRUCTURAL STEEL CONSTRUCTION SHALL CONFORM WITH THE LATEST AISC HANDBOOK. STRUCTURAL STEEL MATERIALS SHALL BE AS FOLLOWS U.N.O.:

RECTANGULAR HSS -----	ASTM A500, GRADE C (Fy = 50 KSI)
ROUND HSS -----	ASTM A500, GRADE C (Fy = 42 KSI)
PIPES -----	ASTM A53, GRADE B (Fy = 35 KSI)
ALL OTHER STRUCTURAL SHAPES AND PLATES -----	ASTM A36 (Fy = 36 KSI)

2. BEAMS, COLUMNS, AND BRACES SHALL NOT BE SPLICED WITHOUT THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.

3. SHOP PAINT ALL STEEL SURFACES WITH FABRICATOR'S STANDARD RUST-INHIBITING PRIMER, EXCEPT AT SURFACES ENCASED IN CONCRETE, SURFACES TO RECEIVE FIREPROOFING, TOP FLANGES OF BEAMS TO RECEIVE HEADED STUDS, AND FAYING SURFACES OF BOLTED CONNECTIONS.

4. BOLTS SHALL BE ASTM A307, UNLESS NOTED OTHERWISE. ANCHOR BOLTS SHALL BE ASTM A36 OR A307, GRADE A. ANCHOR RODS SHALL BE ASTM F1554, GRADE 36. THREADED RODS SHALL BE ASTM A36.

5. HIGH-STRENGTH BOLTS SHALL BE ASTM A325N, TYPE 1 U.N.O. ALL STEEL-TO-STEEL CONNECTIONS SHALL BE MADE WITH HIGH-STRENGTH BOLTS U.N.O. BOLTS MAY BE TIGHTENED USING ANY AISC APPROVED METHOD. ALL HIGH STRENGTH BOLTING SHALL BE INSPECTED BY AN INDEPENDENT TESTING LABORATORY TO ENSURE BOLT TENSION.

6. ALL WELDING PER LATEST AMERICAN WELDING SOCIETY STANDARDS. ALL WELDING SHALL BE PERFORMED BY WELDERS HOLDING VALID CERTIFICATES AND HAVING CURRENT EXPERIENCE IN THE TYPE OF WELD SHOWN ON THE DRAWINGS OR NOTES. CERTIFICATES SHALL BE THOSE ISSUED BY AN ACCEPTED TESTING AGENCY. ALL WELDING DONE BY E70 SERIES LOW HYDROGEN RODS UNLESS NOTED OTHERWISE. FOR GRADE 60 REINFORCING BARS, USE E80 SERIES. THESE DRAWINGS DO NOT DISTINGUISH BETWEEN SHOP AND FIELD WELDS; THE CONTRACTOR MAY SHOP WELD OR FIELD WELD AT HIS DISCRETION. SHOP WELDS AND FIELD WELDS SHALL BE SHOWN ON THE SHOP DRAWINGS SUBMITTED FOR REVIEW. ALL FULL (COMPLETE) PENETRATION WELDS SHALL BE TESTED AND CERTIFIED BY AN INDEPENDENT TESTING LABORATORY.

7. DRYPACK (NON-SHRINK GROUT) SHALL BE 5,000 PSI, FIVE STAR, SIK A 212 OR EQUIVALENT. INSTALL DRYPACK UNDER BEARING PLATES BEFORE FRAMING MEMBER IS INSTALLED. AT COLUMNS, INSTALL DRYPACK UNDER BASEPLATES AFTER COLUMN HAS BEEN PLUMBED BUT PRIOR TO FLOOR OR ROOF INSTALLATION.

STEEL DECK, FIBERGLASS GRATING, PERFORATED PANELS:

1. STEEL DECK SHALL BE 2" DEEP WITH TRAPEZOIDAL RIBS AT 8" O.C., 32" WIDE 18 GAGE GALVANIZED G90 STEEL, WITH MINIMUM YIELD STRESS OF 50 KSI, WITH MINIMUM +S= 0.43 IN'3 AND I= 0.54 IN'4 PER FOOT OF WIDTH (TOP COMPRESSION) AND S= 0.42 IN'3 AND I= 0.43 IN'4 PER FOOT OF WIDTH (BOTTOM COMPRESSION)

2. BALCONY GRATING SHALL BE 1-1/2" DEEP FIBERGLASS WITH MINIMUM A= 2.73 IN'2, I= .8 IN'3, St= 1.47 IN'3, Sb= 0.83 IN'3 PER FOOT OF WIDTH.

3. SOLAR FRAME PERFORATED PANEL SHALL BE 1 7/8" DEEP, 37-5/16" WIDE 18 GAGE ZINC WITH MAXIMUM PERFORATIONS OF 30% OF LOADED AREA, WITH MINIMUM I=.056 IN'4 AND S= 0.128 IN'3 PER FOOT OF WIDTH.

SHOP DRAWINGS AND PRODUCT DATA SUBMITTALS:

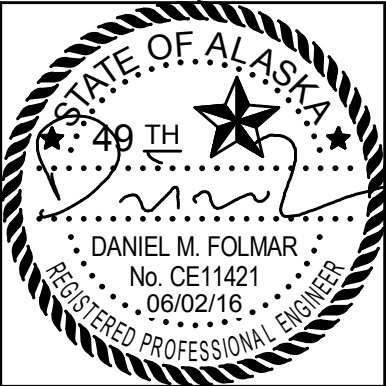
1. SUBMIT SHOP DRAWINGS AND/OR PRODUCT DATA FOR THE FOLLOWING ITEMS, PRIOR TO FABRICATION:

CONCRETE MATERIALS
CONCRETE REINFORCING STEEL
STRUCTURAL STEEL FRAMING
WOOD I-JOISTS

2. PROVIDE SUBMITTALS IN A TIMELY MANNER TO ALLOW FIVE WORKING DAYS FOR THE ENGINEER'S REVIEW. FOR ELECTRONIC SUBMITTALS, PROVIDE PDF FILES ONLY. ALL SUBMITTALS WITH A REQUESTED REVIEW TIME OF LESS THAN FIVE WORKING DAYS MAY BE RETURNED WITHOUT REVIEW AT THE ENGINEER'S DISCRETION.

3. CONSTRUCTION DOCUMENTS SHALL NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS. THE MANUFACTURER OR FABRICATOR SHALL CLOUD ANY CHANGES, SUBSTITUTIONS, AND/OR DEVIATIONS FROM THE CONTRACT DOCUMENTS. ANY CHANGES, SUBSTITUTIONS, AND/OR DEVIATIONS THAT ARE NOT CLOUDED OR FLAGGED SHALL NOT BE CONSIDERED ALLOWED AFTER THE ENGINEER'S REVIEW, UNLESS NOTED ACCORDINGLY BY THE ENGINEER.

4. THE CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER. CLEARLY INDICATE ITEMS NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. VERIFY DIMENSIONS WITH THE ARCHITECT.



COOK INLET HOUSING AUTHORITY

SPENARD MIXED USE

PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO.	215156
DATE	04.11.2016
DRAWN	MEH
REVIEWED	ZDS, DMF

SHEET NAME GENERAL STRUCTURAL NOTES

SHEET NO. S1.01

GENERAL STRUCTURAL NOTES (CONTINUED)

(APPLY UNLESS NOTED OTHERWISE)

5. THE ENGINEER'S REVIEW IS INTENDED ONLY AS AN AID TO THE CONTRACTOR IN OBTAINING CORRECT SHOP DRAWINGS. RESPONSIBILITY FOR CORRECTNESS AND COMPLETENESS SHALL REST WITH THE CONTRACTOR. SHOP DRAWINGS WILL BE RETURNED FOR RESUBMITTAL IF SIGNIFICANT ERRORS ARE FOUND DURING REVIEW.

6. THE SHOP DRAWINGS DO NOT REPLACE THE CONTRACT DOCUMENTS. SHOP DRAWINGS PROCESSED BY THE ENGINEER SHALL NOT BE CONSIDERED CHANGE ORDERS. ITEMS THAT ARE OMITTED OR SHOWN INCORRECTLY AND THAT ARE NOT FLAGGED BY THE ENGINEER ARE NOT TO BE CONSIDERED CHANGES TO CONTRACT DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT ITEMS ACCORDING TO THE CONTRACT DOCUMENTS. SHOULD A DISCREPANCY EXIST BETWEEN THE PROCESSED SHOP DRAWINGS AND THE CONTRACT DOCUMENTS, THE CONTRACT DOCUMENTS SHALL GOVERN.

7. THE ENGINEER RESERVES THE RIGHT TO MAKE CHANGES TO THE CONTRACT DOCUMENTS, AT ANY TIME BEFORE OR AFTER SHOP DRAWING REVIEW.

8. THE ADEQUACY OF ENGINEERING DESIGNS AND LAYOUT PERFORMED BY OTHERS RESTS WITH THE DESIGNING OR SUBMITTING PARTY.

DEFERRED SUBMITTALS: (PER 2012 IBC 107.3.4.2)

1. FOR THE PURPOSES OF THIS SECTION, DEFERRED SUBMITTALS ARE DEFINED AS THOSE PORTIONS OF THE DESIGN THAT ARE NOT SUBMITTED AT THE TIME OF THE APPLICATION AND WHICH ARE TO BE SUBMITTED TO THE BUILDING OFFICIAL WITHIN A SPECIFIED PERIOD.

2. DEFERRAL OF ANY SUBMITTAL ITEMS SHALL HAVE PRIOR APPROVAL OF THE BUILDING OFFICIAL. THE ARCHITECT OR ENGINEER OF RECORD SHALL LIST THE DEFERRED SUBMITTALS ON THE PLANS AND THE CONTRACTOR SHALL SUBMIT THE DEFERRED SUBMITTAL DOCUMENTS FOR REVIEW BY THE BUILDING OFFICIAL.

3. SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD A MINIMUM OF 30 DAYS PRIOR TO FABRICATION. THE DOCUMENTS SHALL BE REVIEWED FOR GENERAL CONFORMANCE WITH THE DRAWINGS. A COPY OF THE DEFERRED SUBMITTAL DOCUMENTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

4. DEFERRED SUBMITTAL ITEMS:

- 2
- MECHANICAL / ELECTRICAL EQUIPMENT SEISMIC RESTRAINT
SEISMIC BRACING OF MECHANICAL AND/OR ELECTRICAL SYSTEMS (PIPING, DUCTS AND SPRINKLERS)
SEISMIC RESTRAINT OF NON STRUCTURAL PARTITION WALLS
ELEVATOR SEISMIC RESTRAINT
ROOFING ATTACHMENT
SOLAR PANEL ATTACHMENT
1
EXTERIOR WALL CLADDING ATTACHMENT

SPECIAL INSPECTIONS AND TESTING:

1. THE OWNER (OR REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT) SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTION AND TESTING DURING CONSTRUCTION OF THE TYPES OF WORK REQUIRING SPECIAL INSPECTION AS INDICATED ON THE DRAWINGS.

2. EACH SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL AND STRUCTURAL ENGINEER OF RECORD, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.

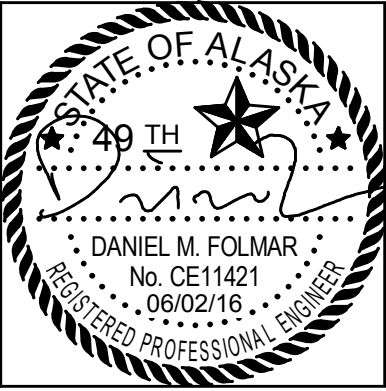
3. THE CONTRACTOR SHALL CONVENE A MEETING WITH THE SPECIAL INSPECTION AGENCY (AGENCIES), THE BUILDING OFFICIAL, THE ARCHITECT, AND THE STRUCTURAL ENGINEER OF RECORD TO REVIEW INSPECTION REQUIREMENTS AND PROCEDURES, PRIOR TO COMMENCING WITH CONSTRUCTION.

4. DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:

- A. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS.
B. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE ENGINEER OR ARCHITECT OF RECORD. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, TO THE ENGINEER OR ARCHITECT OF RECORD AND THE BUILDING OFFICIAL.
C. UPON COMPLETION OF THE ASSIGNED WORK, THE SPECIAL INSPECTOR SHALL COMPLETE AND SIGN THE APPROPRIATE FORMS CERTIFYING THAT, TO THE BEST OF HIS KNOWLEDGE, THE WORK IS IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS, AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.

5. DEFINITIONS:

- A. "CONTINUOUS" SPECIAL INSPECTION: CONTINUOUS SPECIAL INSPECTION IS THE FULL TIME OBSERVATION OF THE WORK BY THE SPECIAL INSPECTOR PRESENT IN THE WORK AREA WHENEVER WORK IS BEING PERFORMED. PERFORM CONTINUOUS SPECIAL INSPECTION WHERE SPECIFIED FOR ITEMS AS INDICATED IN THE SPECIAL INSPECTION TABLES.
B. "PERIODIC" SPECIAL INSPECTION: PERIODIC SPECIAL INSPECTION IS THE INTERMITTENT OBSERVATION OF THE WORK BY A SPECIAL INSPECTOR PRESENT IN THE WORK AREA WHILE WORK IS BEING PERFORMED. THE INTERMITTENT OBSERVATION PERIODS SHALL BE: AT TIMES OF SIGNIFICANT WORK; RECURRENT OVER THE COMPLETE WORK PERIOD; AND TOTAL AT LEAST 25 PERCENT OF THE TOTAL WORK TIME FOR A GIVEN TASK. PERFORM PERIODIC SPECIAL INSPECTION WHERE SPECIFIED FOR ITEMS AS INDICATED IN THE SPECIAL INSPECTION TABLES.



COOK INLET HOUSING AUTHORITY
SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	CONTRACTOR RESPONSE	Date 1
2	CONTRACTOR RESPONSE	Date 2

JOB NO.	215156
DATE	04.11.2016
DRAWN	MEH
REVIEWED	ZDS, DMF

SHEET NAME
GENERAL STRUCTURAL NOTES

SHEET NO.
S1.02

TABLE 2: REQUIRED STRUCTURAL SPECIAL INSPECTIONS (CONTINUED)					
SYSTEM OR MATERIAL	INSPECTION				REMARKS
	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY		
			CONTINUOUS	PERIODIC	
3. STRUCTURAL STEEL (CONTINUED)					
INSPECTION PRIOR TO WELDING					
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)		AISC 360 N5.4-1		X	
JOINT PREPERATION				X	
CLEANLINESS (CONDITION OF STEEL SURFACE)				X	
TRACKING (TACK WELD QUALITY AND LOCATION)				X	
BACKING TYPE AND FIT (IF APPLICABLE)				X	
CONFIGURATION AND FINISH OF ACCESS HOLES				X	
FIT-UP OF FILLET WELDS				X	
DIMENSIONS (ALIGNMENT, GAPS AT ROOT)				X	
CHECK WELDING EQUIPMENT				X	
INSPECTION DURING WELDING					
USE OF QUALIFIED WELDERS		AISC 360 N5.4-2		X	
CONTROL AND HANDLING OF WELDING CONSUMABLES				X	
PACKAGING				X	
EXPOSURE CONTROL				X	
NO WELDING OVER CRACKED TACK WELDS				X	
ENVIRONMENTAL CONDITIONS				X	
WIND SPEED WITHIN LIMITS				X	
PRECIPITATION AND TEMPERATURE				X	
WPS FOLLOWING				X	
SETTINGS ON WELDING EQUIPMENT				X	
TRAVEL SPEED				X	
SELECTED WELDING MATERIALS				X	
SHIELDING GAS TYPE/FLOW RATE				X	
PREHEAT APPLIED				X	
INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.)				X	

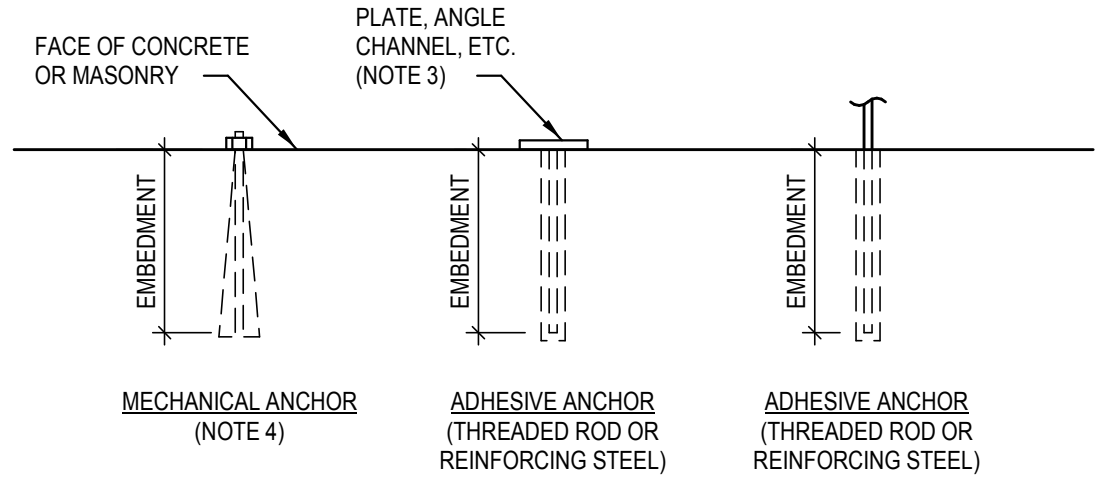
TABLE 1: REQUIRED GEOTECHNICAL SPECIAL INSPECTIONS					
SYSTEM OR MATERIAL	INSPECTION				REMARKS
	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY		
			CONTINUOUS	PERIODIC	
1. SOILS					
VERIFY FOOTING BEARING CAPACITY AND SUBGRADE PREPARATION FOR FILLS	1705.6	GEOTECHNICAL REPORT		X	BY THE GEOTECHNICAL ENGINEER
FILL MATERIAL VERIFICATION			X		
FILL PLACEMENT & COMPACTION			X		
LIFT THICKNESS			X		

TABLE 2: REQUIRED STRUCTURAL SPECIAL INSPECTIONS					
SYSTEM OR MATERIAL	INSPECTION				REMARKS
	IBC CODE REFERENCE	CODE OR STANDARD REFERENCE	FREQUENCY		
			CONTINUOUS	PERIODIC	
1. FABRICATORS					
FABRICATED SYSTEMS AND ELEMENTS	1704.2.5			X	SPECIAL INSPECTIONS APPLY TO VERIFICATION OF DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES, INCLUDING REVIEW FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS. SPECIAL INSPECTIONS ARE NOT REQUIRED FOR WORK DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. APPROVED FABRICATOR'S, UPON COMPLETION OF COMPONENT MANUFACTURING, SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
2. CONCRETE					
WELDING OF REINFORCING STEEL	1705.3 1903.1	ACI 318 3.5.2 AWS D1.4			REFER TO STEEL FOR WELDING REQUIREMENTS
PLACEMENT OF CAST-IN-PLACE ANCHOR BOLTS	1705.3 1908.5 1909.1	ACI 318 8.1.3 21.2.8		X	ALL BOLTS VISUALLY INSPECTED
VERIFY USE OF REQUIRED MIX DESIGN(S)	1705.3 1904.2 1910.2 1910.3	ACI 318, CHAPTER 4 ACI 318 5.2-5.4		X	
CONCRETE PLACEMENT	1705.3	ACI 318 5.9, 5.10	X		
CONCRETE/SHOTCRETE CURING	1705.3 1910.9	ACI 318 5.11-5.13		X	
3. STRUCTURAL STEEL					
FABRICATION OF STRUCTURAL ELEMENTS	1704.2.5	AISC 360 N7		X	INSPECTION MAY BE WAIVED WHEN PERFORMED IN A PRE-APPROVED SHOP
INSPECTION PRIOR TO WELDING					
WELDING PROCEDURE SPECIFICATIONS AVAILABLE	1705.2		X		
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	1705.2		X		
MATERIAL IDENTIFICATION (TYPE/GRADE)				X	
WELDER IDENTIFICATION SYSTEM				X	THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE

ANCHOR DIAMETER	MECHANICAL ANCHOR EMBEDMENT LENGTH IN CONCRETE	THREADED ROD ANCHOR EMBEDMENT LENGTH IN CONCRETE
5/8"	3 5/8" U.N.O.	5" U.N.O.

NOTES:

1. PROVIDE POST-INSTALLED ANCHORS AND REINFORCING STEEL PER THIS SCHEDULE UNLESS NOTED ON PLANS OR DETAILS.
2. POST-INSTALLED ANCHORS SHALL HAVE I.C.C. APPROVAL. THICKNESS OF DRYPACK DOES NOT APPLY TOWARDS EMBEDMENT.
3. MECHANICAL ANCHORS INCLUDE BUT ARE NOT LIMITED TO WEDGE, UNDERCUT AND SCREW TYPE ANCHORS.



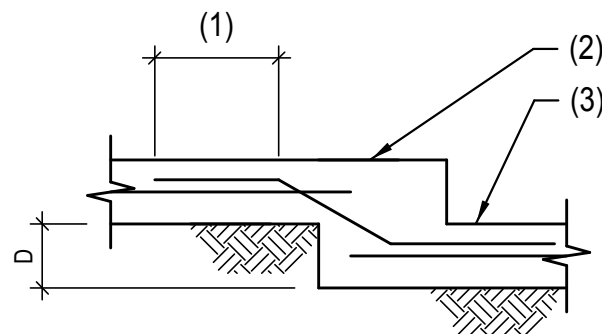
09 TYPICAL POST-INSTALLED ANCHOR AT CONCRETE

SCALE: NOT TO SCALE

215156-X-DETAILS-09

NOTES:

1. LAP PER G.S.N. (24" MIN.) - TYPICAL.
2. TOP OF FOOTING.
3. RETURN TO FOOTING THICKNESS AS SHOWN ON PLAN.



NOTE:
D = 2'-0" MAXIMUM.

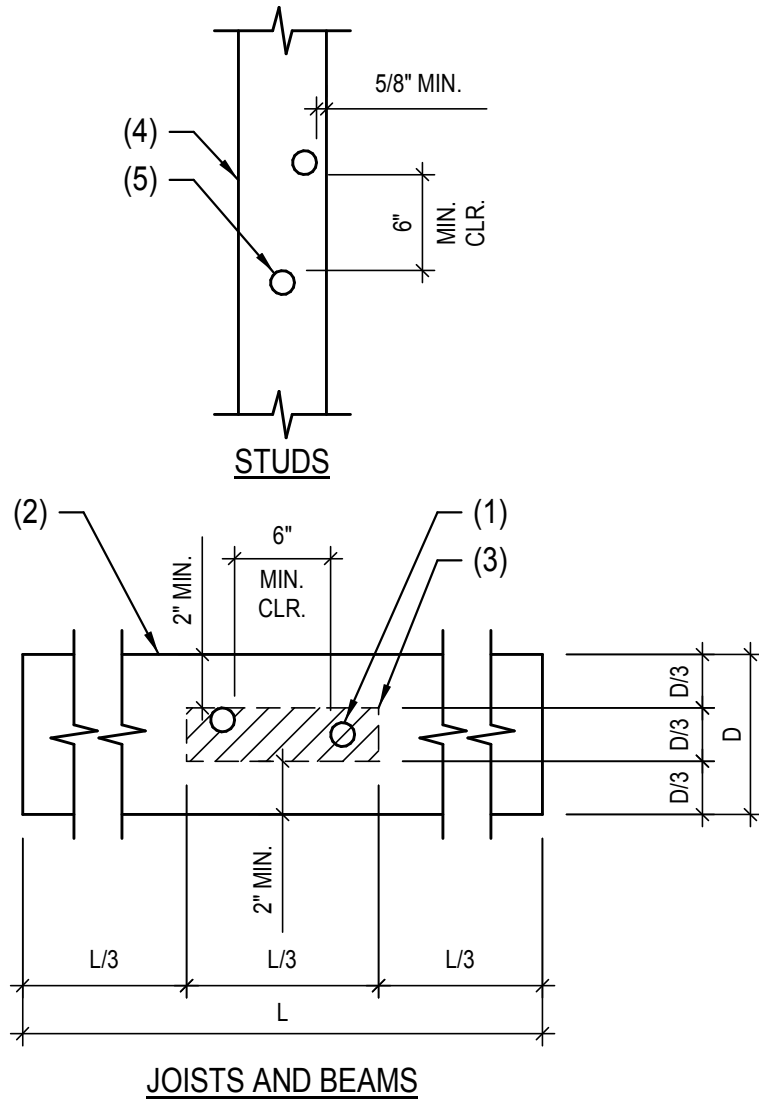
10 TYPICAL STEP IN CONCRETE FOOTING

SCALE: NOT TO SCALE

215156-X-DETAILS-10

NOTES:

1. DRILLED HOLE DIAMETER, NOT TO EXCEED 1/3 OF THE JOIST/BEAM DEPTH.
2. WOOD JOIST OR BEAM.
3. DRILLED HOLES ARE PERMITTED ONLY IN HATCHED AREA.
4. WOOD STUD.
5. DRILLED HOLE DIAMETER, NOT TO EXCEED 40 PERCENT OF STUD WIDTH (SEE NOTE).



11 TYPICAL DRILLED HOLES IN SOLID SAWN WOOD FRAMING

SCALE: NOT TO SCALE

215156-X-DETAILS-11

NOTE:

- A. DRILLED HOLES IN WOOD STUDS MAY BE INCREASED TO 60 PERCENT OF THE STUD WIDTH, PROVIDED THAT (1) THE WALL IS A NON-BEARING WALL SUPPORTING NO LOADS OTHER THAN THE WEIGHT OF THE WALL OR (2) THE STUDS ARE DOUBLED (NO MORE THAN TWO ADJACENT DOUBLED/DRILLED STUDS ARE PERMITTED).
- B. THIS DETAIL APPLIES TO SOLID SAWN LUMBER ONLY, NOT TO ENGINEERED WOOD PRODUCTS OR GLULAMS.
- C. CONTACT ENGINEER IF CONDITIONS EXCEED THOSE SHOWN.

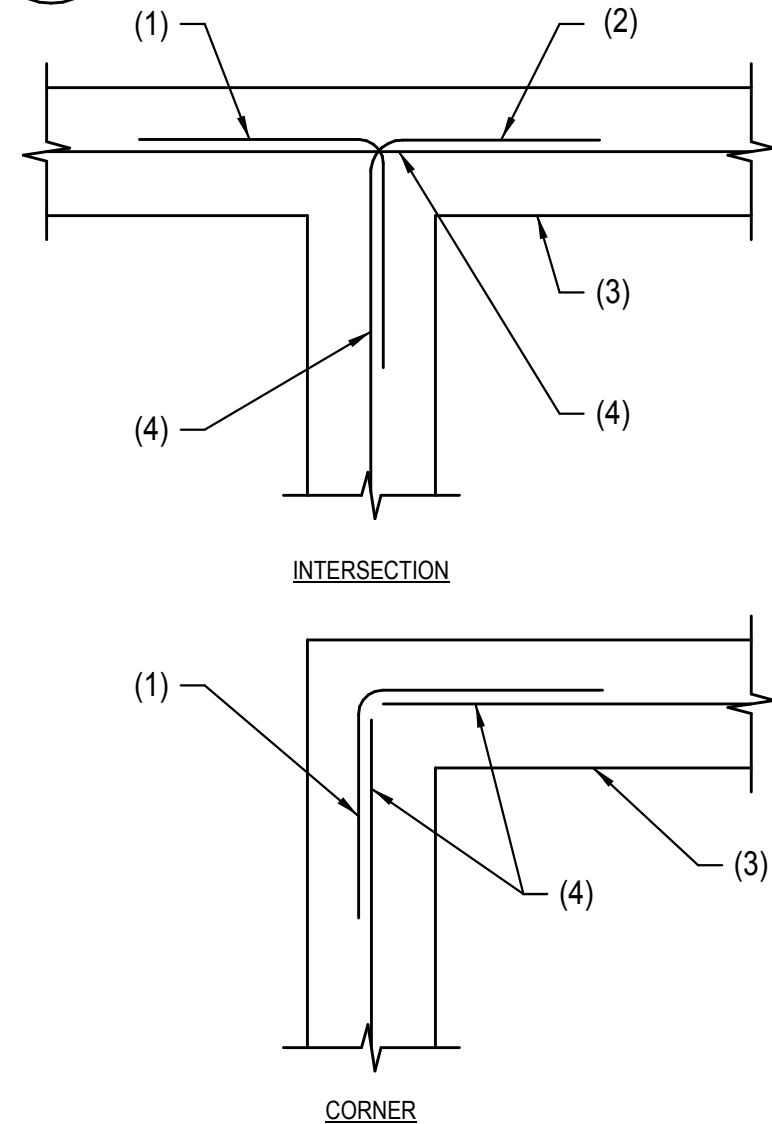
06 TYPICAL SLEEVE FOR PIPE AT SLAB

SCALE: NOT TO SCALE

200-022-TYP

NOTES:

1. CORNER BARS SAME SIZE AND SPACING AS HORIZONTAL REINFORCING. LAP PER G.S.N. (24" MINIMUM).
2. ALTERNATE BEND.
3. CONCRETE STEM WALL OR FOOTING.
4. REINFORCING PER PLANS AND /OR G.S.N.



07 TYPICAL CORNER REINFORCING IN CONCRETE FOOTING AND/OR STEM WALL

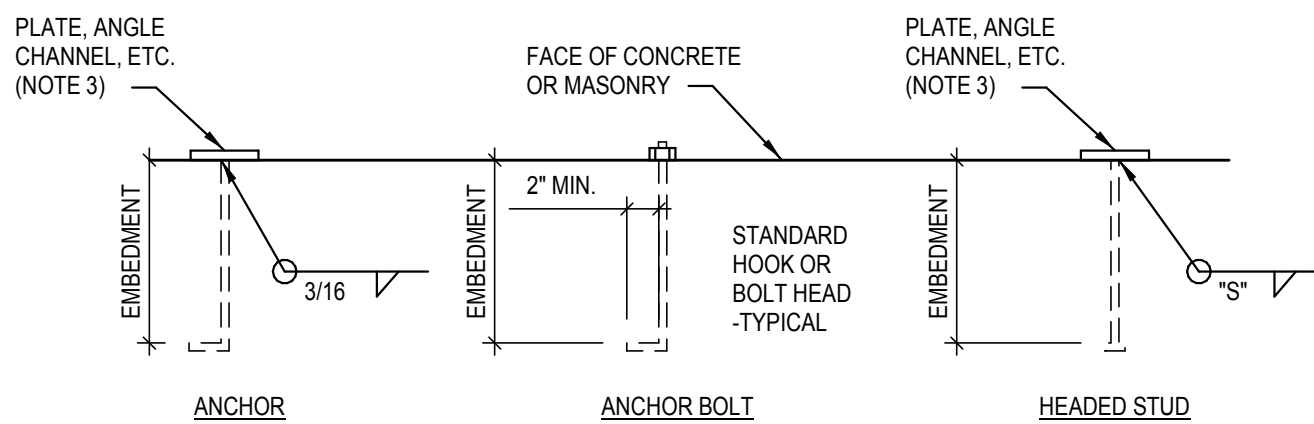
SCALE: NOT TO SCALE

200-030-TYP

NOTES:

1. PROVIDE ANCHORS, ANCHOR BOLTS, AND HEADED STUDS PER THIS SCHEDULE UNLESS NOTED ON PLANS OR DETAILS.
2. SCHEDULE APPLIES TO ANCHORS IN CONCRETE.
3. THICKNESS OF DRYPACK DOES NOT APPLY TOWARDS EMBEDMENT.

ANCHOR DIAMETER	VERT BOLT EMBEDMENT LENGTH	HORIZ BOLT EMBEDMENT LENGTH	HEADED STUD FILLET WELD SIZE, "S"
5/8"	7"	4"	5/16"
3/4"	10"	---	5/16"



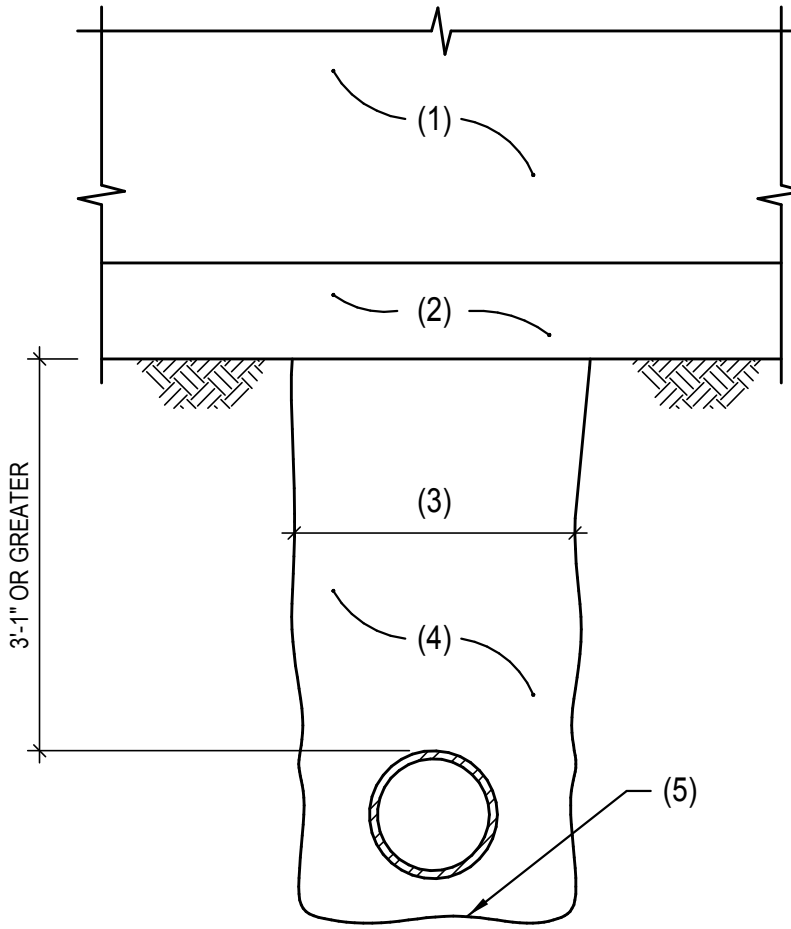
08 TYPICAL CAST-IN-PLACE ANCHOR, ANCHOR BOLT, AND HEADED STUD SCHEDULE

SCALE: NOT TO SCALE

501-001-TYP

NOTES:

1. STEM WALL.
2. CONCRETE FOOTING.
3. 1'-6" MAXIMUM - WHERE TRENCH EXCEEDS 1'-6", NOTIFY STRUCTURAL ENGINEER PRIOR TO PLACEMENT OF FOOTING.
4. BACKFILL AND RECOMPACT TRENCH PER SOILS REPORT AND SPECIFICATIONS.
5. BOTTOM OF TRENCH.

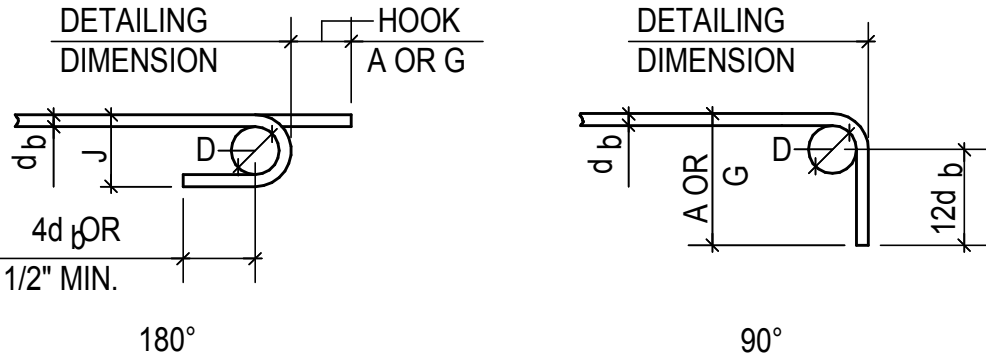


NOTE:
FOR TRENCH DEPTH OF 3'-6" OR LESS, SEE TYPICAL PIPE AT FOOTING DETAIL.
NO PIPE SHALL PASS THRU FOOTINGS OR UNDER COLUMN FOOTINGS.

03 TYPICAL PIPE PASSING BELOW WALL FOOTING IN DEEP TRENCH

SCALE: NOT TO SCALE

200-007-TYP



BAR SIZE	FINISHED BEND DIA. D, IN.	END HOOKS, ALL GRADES		
		180-DEG HOOKS		90 DEG HOOKS
		A OR G, IN.	J, IN.	A OR G, IN.
#3	2.25	5	3	6
#4	3	6	4	8
#5	3.75	7	5	10
#6	4.5	8	6	12
#7	5.25	10	7	14
#8	6	11	8	16
#9	9.5	15	11.75	19
#10	10.75	17	13.25	22
#11	12	19	14.75	24
#14	18.25	27	21.75	31
#18	24	36	28.5	41

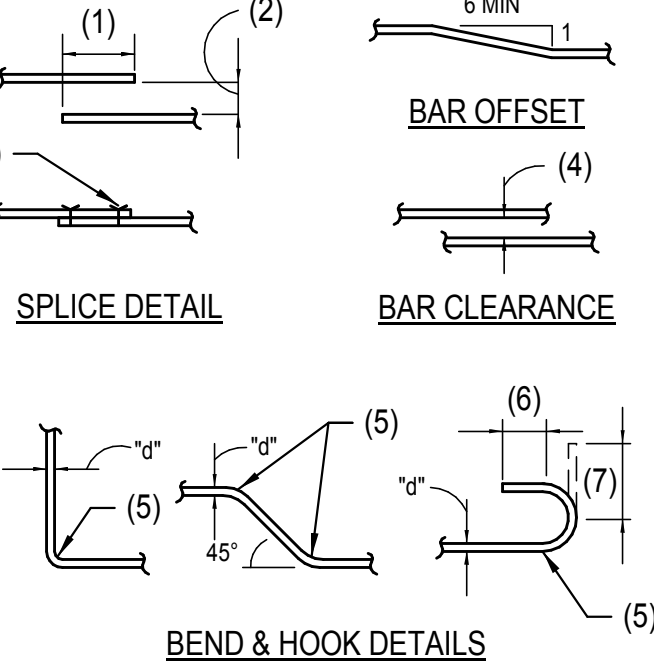
04 TYPICAL REINFORCING HOOK SCHEDULE

SCALE: NOT TO SCALE

200-045-TYP

NOTES:

1. LAP - SEE G.S.N.
2. MAXIMUM 1/5 LAP BUT NOT MORE THAN 6".
3. WIRE TIES.
4. 1d (1" MINIMUM).
5. RADIUS=3d FOR BARS NOT OVER #8; 4d FOR #9, #10 AND #11 BARS; 5d FOR #14 AND #18 BARS. 5d FOR ALL GRADE 40 BARS WITH 180 DEGREE HOOK.
6. 4d (2 1/2" MINIMUM).
7. 12d (90 DEGREE HOOK).



05 TYPICAL CONCRETE REINFORCING BAR DETAILS

SCALE: NOT TO SCALE

200-050-TYP

CONNECTION	FASTENING	LOCATION
JOIST TO SILL OR GIRDER	(3) 8d COMMON (2 1/2"x0.131") (3) 3"x0.131" NAILS	TOENAIL
BRIDGING TO JOIST	(2) 8d COMMON (2 1/2"x0.131") (2) 3"x0.131" NAILS	TOENAIL EACH END
SOLE PLATE TO JOIST OR BLOCKING	16d (3 1/2"x0.135") AT 16" O.C. 3"x0.131" NAILS AT 8" O.C.	TYPICAL FACE NAIL
TOP PLATE TO STUD	(2) 16d COMMON (3 1/2"x0.162") 3-3"x0.131" NAILS	END NAIL
STUD TO SOLE PLATE	(4) 8d COMMON (2 1/2"x0.131") (4) 3"x0.131" NAILS (2) 16d COMMON (3 1/2"x0.162") (3) 3"x0.131" NAILS	TOENAIL END NAIL
BUILT-UP STUDS	16d (3 1/2"x0.135") AT 12" O.C. 3"x0.131" NAILS AT 8" O.C.	FACE NAIL
DOUBLE TOP PLATES	16d (3 1/2"x0.135") AT 16" O.C. 3"x0.131" NAILS AT 12" O.C. (10) 16d COMMON (3 1/2"x0.162") (12) 3"x0.131" NAILS	TYPICAL FACE NAIL LAP SPLICE
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	(3) 8d COMMON (2 1/2"x0.131") (3) 3"x0.131" NAILS	TOENAIL
RIM JOIST TO TOP PLATE	8d (2 1/2"x0.131") AT 6" O.C. 3"x0.131" NAIL AT 6" O.C.	TOENAIL
TOP PLATES, LAPS AND INTERSECTIONS	(2) 16d COMMON (3 1/2"x0.162") (3) 3"x0.131" NAILS	FACE NAIL
CONT. HEADER, TWO PIECES	16d COMMON (3 1/2"x0.162")	16" O.C. ALONG EDGE
CONT. HEADER TO STUD	(4) 8d COMMON (2 1/2"x0.131")	TOENAIL
WOOD JOIST TO PLATE	(3) 8d COMMON (2 1/2"x0.131") (3) 3"x0.131" NAILS	TOENAIL
BUILT-UP CORNER STUDS	16d COMMON (3 1/2"x0.162") 3"x0.131" NAILS	24" O.C. 16" O.C.
BUILT-UP GIRDER AND BEAMS	20d COMMON (4"x0.192") 32" O.C. 3"x0.131" NAIL AT 24" O.C. (2) 20d COMMON (4"x0.192") (3) 3"x0.131" NAILS	FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES FACE NAIL AT ENDS AND AT EACH SPLICE

- NOTES:**
1. COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE OTHERWISE STATED.
 2. STAPLES SHALL HAVE A MINIMUM CROWN OF 7/16".
 3. FASTENING SCHEDULE APPLIES U.N.O., WHERE DIFFERENCES OCCUR, GREATER REQUIREMENT GOVERNS.

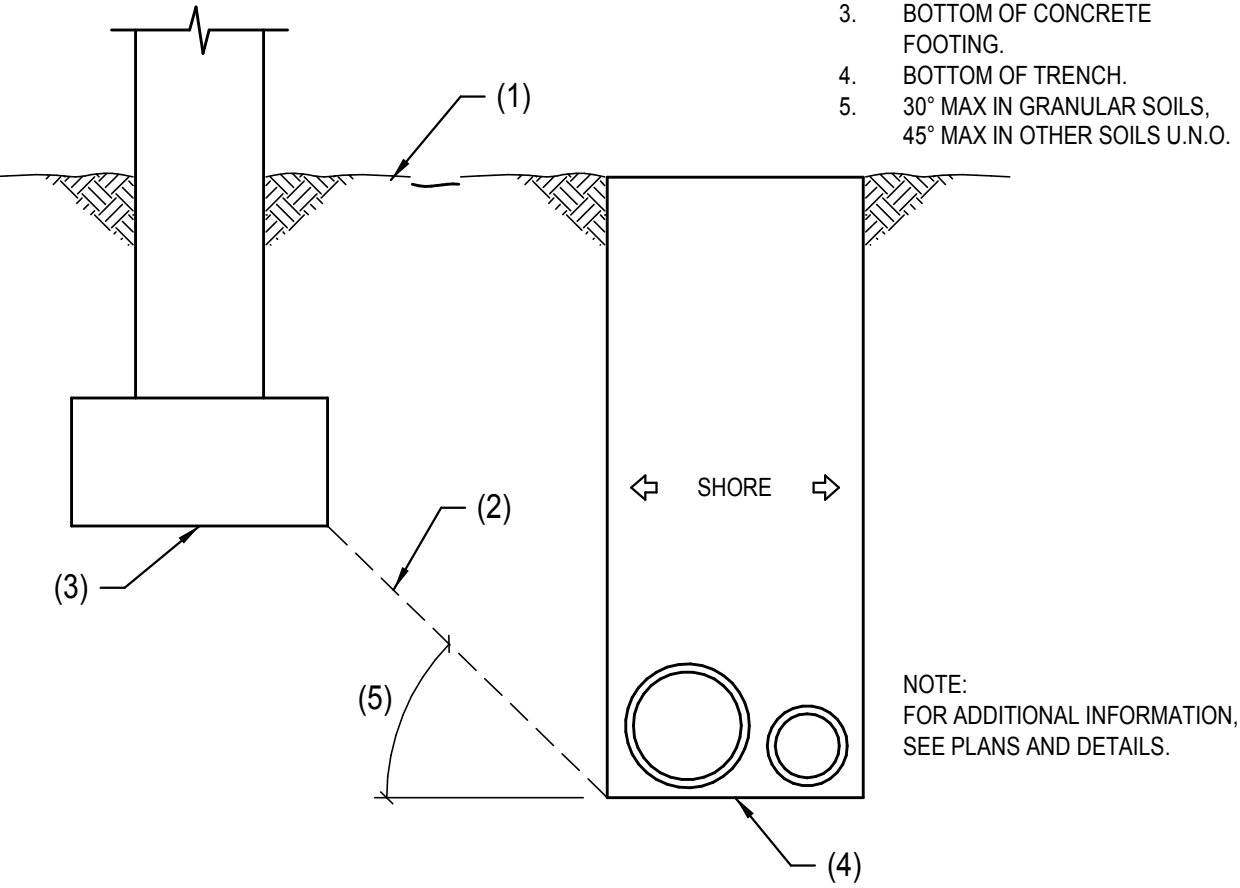
01 TYPICAL WOOD FASTENING

SCALE: NOT TO SCALE

601-008-TYP

NOTES:

1. FINISHED GRADE WHERE OCCURS.
2. DO NOT EXCAVATE A TRENCH. BELOW IMAGINARY LINE EXTENDING FROM BOTTOM OF FOOTING OR FOUNDATION.
3. BOTTOM OF CONCRETE FOOTING.
4. BOTTOM OF TRENCH.
5. 30" MAX IN GRANULAR SOILS. 45" MAX IN OTHER SOILS U.N.O.



02 TYPICAL TRENCH PARALLEL TO FOUNDATION

SCALE: NOT TO SCALE

200-006-TYP

**COOK INLET HOUSING AUTHORITY
SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK**



REVISION SCHEDULE		
#	DESCRIPTION	DATE

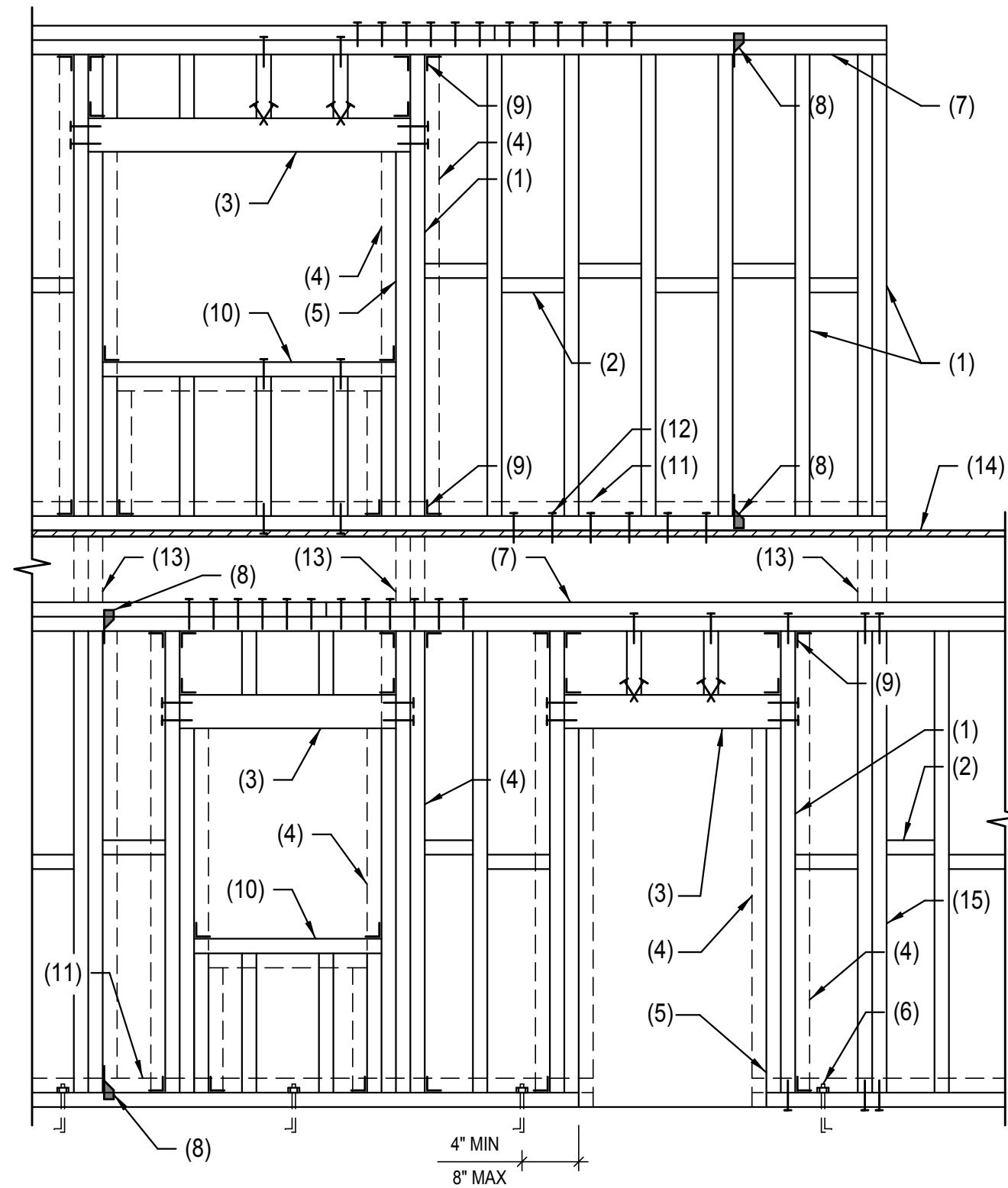
JOB NO.	215156
DATE	04.11.2016
DRAWN	MEH
REVIEWED	ZDS, DMF

SHEET NAME
TYPICAL DETAILS

SHEET NO.
S1.05

NOTES:

- WOOD STUDS AT WALL ENDS, INTERSECTING WALLS, JAMBS OF OPENINGS, AND AT 16" O.C.
- 2x BLOCKING AT MID-HEIGHT OR AT 5'-0" O.C. MAX.
- WOOD LINTEL.
- DOUBLE TRIMMER AND JAMB STUDS AT OPENINGS GREATER THAN 6'-0" WIDE - TYPICAL U.N.O.
- TRIMMER STUD.
- ANCHOR BOLTS IN TREATED WOOD SILL PLATE AT FOUNDATIONS. NAILS IN SILL PLATE AT WOOD FRAMING BELOW.
- CONTINUOUS DOUBLE TOP PLATE. SPLICE WITH (12) 16d NAILS EACH SIDE OF SPLICE U.N.O.
- FRAMING CLIP AS REQUIRED.
- SIMPSON A34 - TYPICAL AS SHOWN.
- 2x WOOD SILL. DOUBLE 2x SILL AT OPENINGS GREATER THAN 8'-0".
- DOUBLE SILL PLATE WHERE GYPCRETE FLOOR TOPPING OCCURS.
- NAILS IN SILL PLATE.
- TYPICAL AT BUILT-UP STUD POSTS AND AT TRIMMER/KING STUDS OF OPENINGS ABOVE. SQUASH BLOCKING IN FLOOR RIM SPACE TO MATCH STUDDING ABOVE.
- FLOOR SHEATHING.
- BUILT-UP STUD POST TO MATCH STUDDING ABOVE.

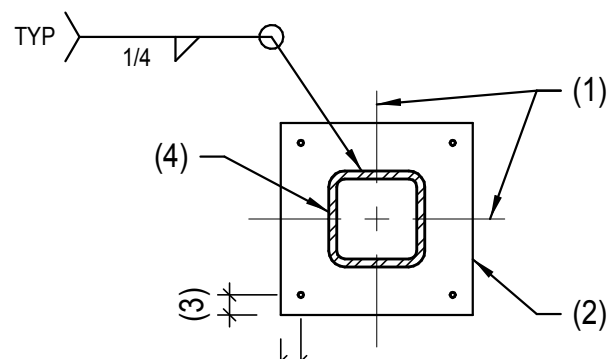


SEE G.S.N. AND TYPICAL NAILING SCHEDULE FOR MORE INFORMATION

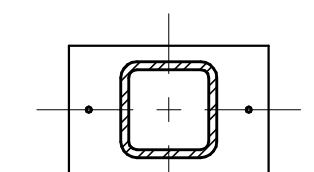
18 TYPICAL MULTI-STORY WOOD STUD EXTERIOR/BEARING WALL

SCALE: NOT TO SCALE

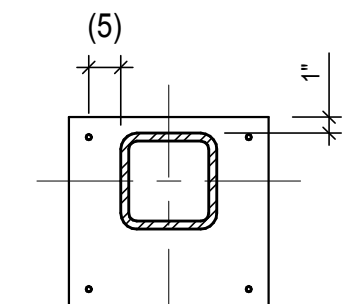
601-005-TYP



TYPICAL BASE PLATE



2 BOLT BASE PLATE



OFFSET BASE PLATE

NOTES:

- CENTERLINE OF COLUMN AND STEEL BASE PLATE.
- STEEL BASE PLATE.
- 1 1/4" MINIMUM OR PER A.I.S.C. TABLE J3.5.
- STEEL COLUMN - FOR TYPE, SIZE, BASE PLATE AND ANCHOR BOLTS, SEE SCHEDULE.
- 2" MINIMUM OR AS REQUIRED FOR WRENCHING CLEARANCE.

NOTE:
PROVIDE TEMPORARY SUPPORT DURING ERECTION FOR COLUMNS WITH 2 BOLT BASE PLATES.

2 BOLT BASE PLATE AT CORNER

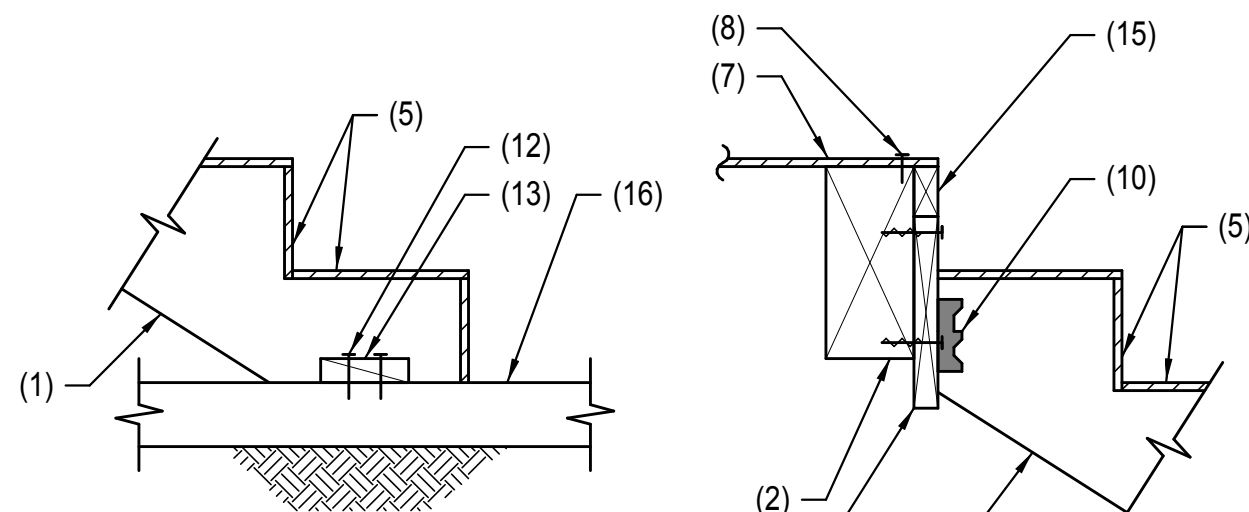
19 TYPICAL STEEL COLUMN BASE PLATE

SCALE: NOT TO SCALE

215156-X-DETAILS-19

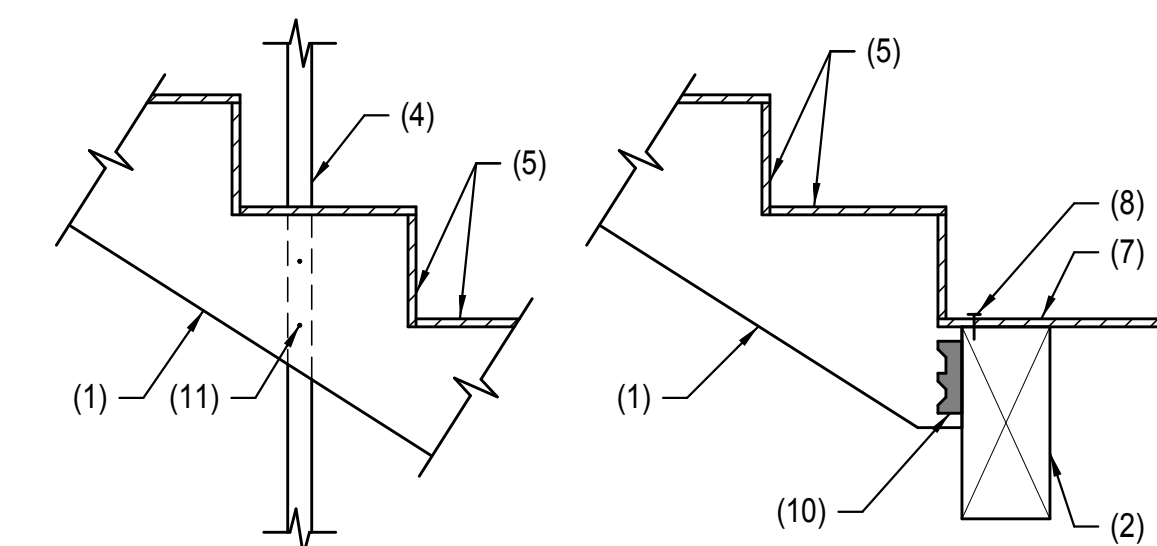
NOTES:

- WOOD STAIR STRINGER.
- 5 1/8x12 GLB BEAM.
- WOOD I-JOIST/JOIST.
- WOOD STUD.
- TREADS AND RISERS.
- (2) 16d NAILS AT EACH JOIST OR INTO BLOCKING.
- SHEATHING.
- EDGE ATTACHMENT, U.N.O.
- (2) JOIST BLOCKING WITH SIMPSON IUS TYPE HANGER.
- SIMPSON A35.
- (2) SIMPSON SDWS22500DB WOOD SCREWS AT EACH STUD.
- (4) HILTI X-CP POWDER-ACTUATED FASTENER OR EQUIVALENT PER BLOCK.
- 2x BLOCKING BETWEEN EACH STRINGER, ATTACH TO STRINGER WITH (2) 16d NAILS EACH END.
- 1 1/4"x11 7/8" RIM BOARD WITH (2) SIMPSON SDS 1/4"x3 1/2" SCREWS AT 12" O.C.
- WOOD FILLER AS REQUIRED.
- CONCRETE SLAB ON GRADE.
- (4) SIMPSON SDS 1/4"x3 1/2" SCREWS INTO STUD.
- SIMPSON HUC TYPE HANGER.
- WOOD LEDGER.



AT SLAB ON GRADE

AT WOOD BEAM



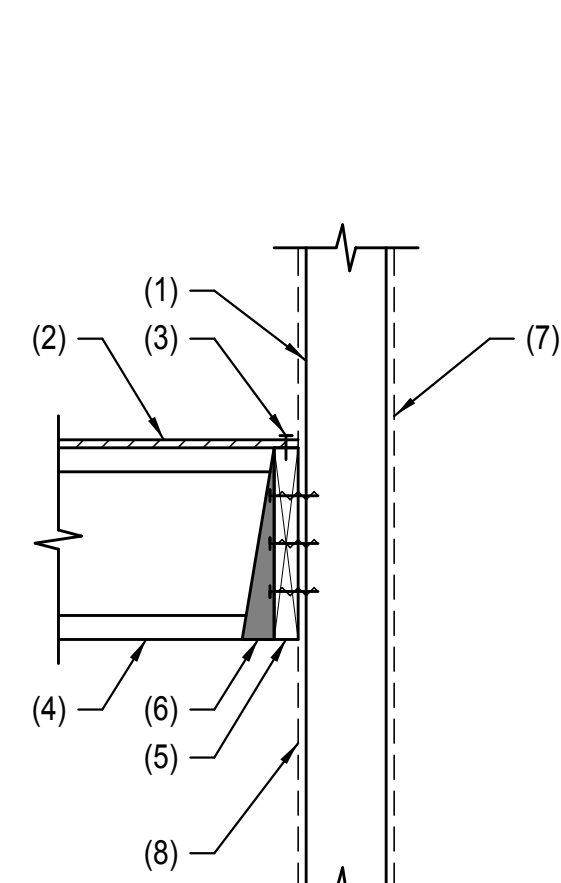
AT WOOD STUD WALL

AT WOOD BEAM

16 TYPICAL WOOD STAIR STRINGER

SCALE: NOT TO SCALE

215156-X-DETAILS-16



NOTES:

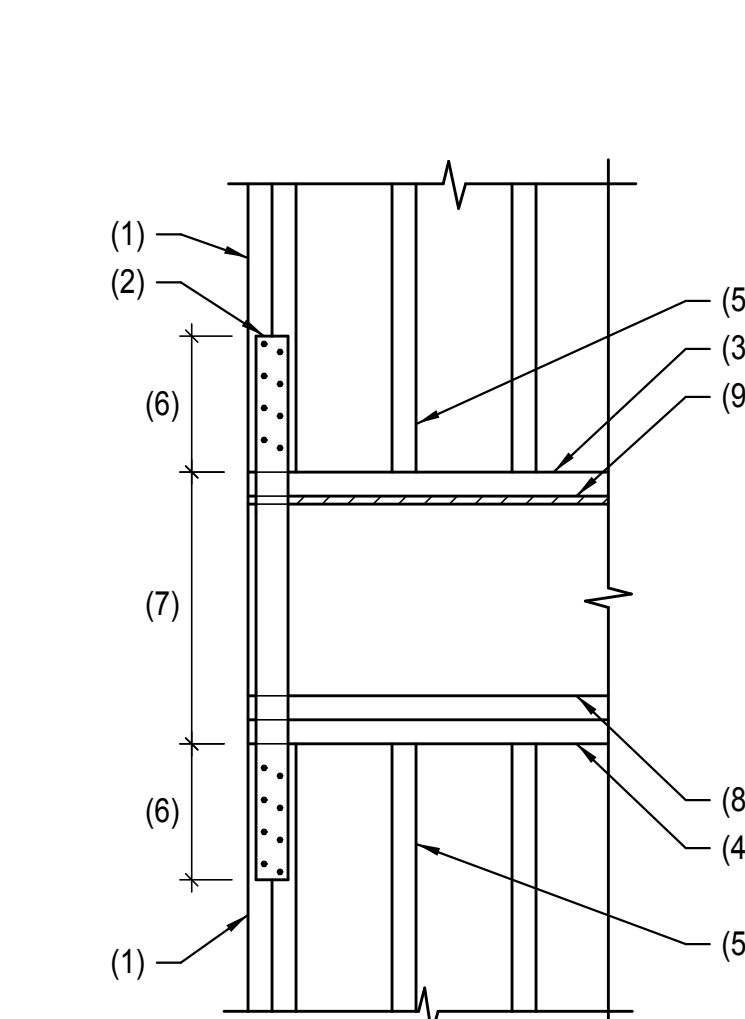
- WOOD STUD WALL.
- SHEATHING.
- EDGE ATTACHMENT, U.N.O.
- 11 7/8" BCI 5000 AT 16" O.C. AS OCCURS.
- 1 1/4"x11 7/8" LSL RIM BOARD LEDGER WITH (3) SIMPSON SDWS 22500B SCREWS AT EACH STUD.
- SIMPSON IUS HANGER.
- SHEATHING AS OCCURS.
- 5/8" GYP BOARD.

2

14 TYPICAL SHARED HOLDOWN

SCALE: NOT TO SCALE

215156-X-DETAILS-14



NOTES:

- BUILT-UP STUD OR SOLID WOOD COLUMN PER PLAN OR HOLDOWN SCHEDULE.
- HOLDOWN STRAP PER PLAN.
- FLOOR SILL PLATE.
- DOUBLE TOP PLATE.
- WOOD STUD WALL.
- STRAP END LENGTH PER STRAP MANUFACTURER OR HOLDOWN SCHEDULE.
- STRAP CLEAR SPAN (NO NAILS).
- FLOOR RIM BOARD.
- FLOOR SHEATHING.

NOTE:
STRAP MAY BE INSTALLED UNDERNEATH OR ON TOP OF WALL SHEATHING U.N.O.

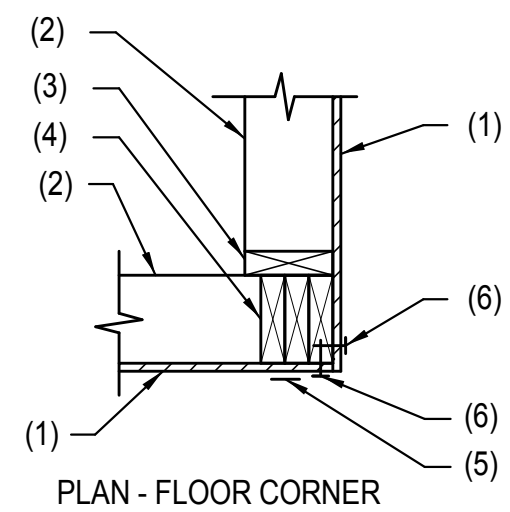
15 TYPICAL HOLDOWN STRAP AT FRAMED FLOOR

SCALE: NOT TO SCALE

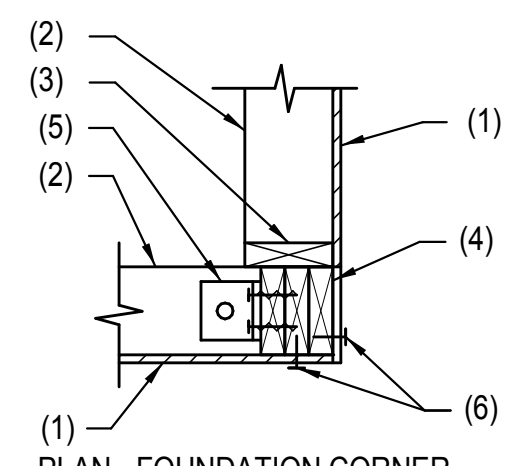
602-015-TYP

NOTES:

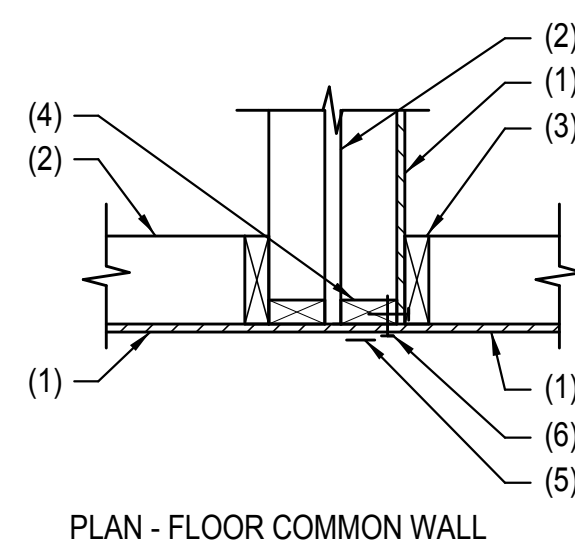
- SHEATHING. IT MAY OCCUR ON EITHER SIDE OF WALL.
- WOOD STUD WALL.
- WOOD STUD PER SHEAR WALL SCHEDULE.
- BUILT-UP WOOD STUD PACK PER HOLDOWN SCHEDULE OR WOOD COLUMN AS OCCURS.
- HOLDOWN PER PLAN.
- EDGE ATTACHMENT PER SHEARWALL SCHEDULE U.N.O.



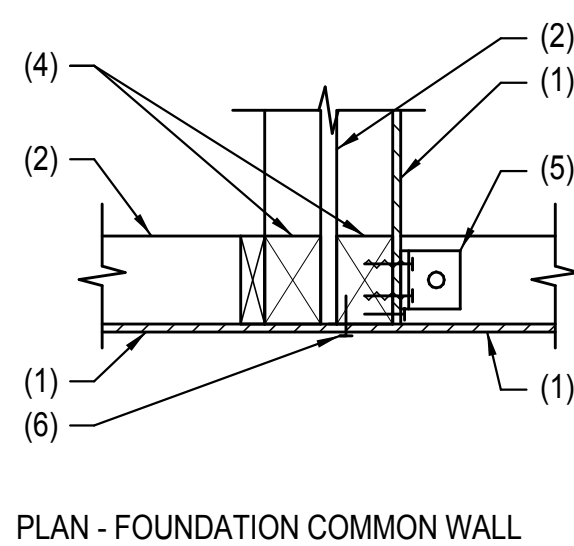
PLAN - FLOOR CORNER



PLAN - FOUNDATION CORNER



PLAN - FLOOR COMMON WALL



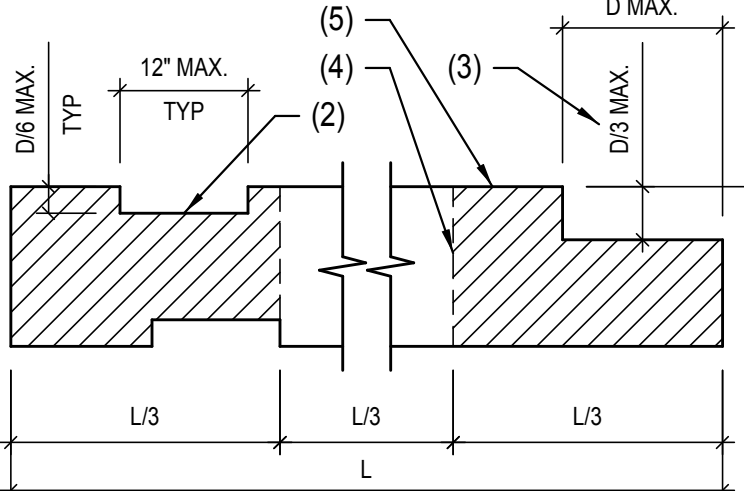
PLAN - FOUNDATION COMMON WALL

NOTE:
DETAIL ONLY APPLIES AT TWO INTERSECTING SHEAR WALLS WITH HOLDOWNS AT EACH END.

12 TYPICAL WOOD STUD HALF WALL AT STAIR WELL

SCALE: NOT TO SCALE

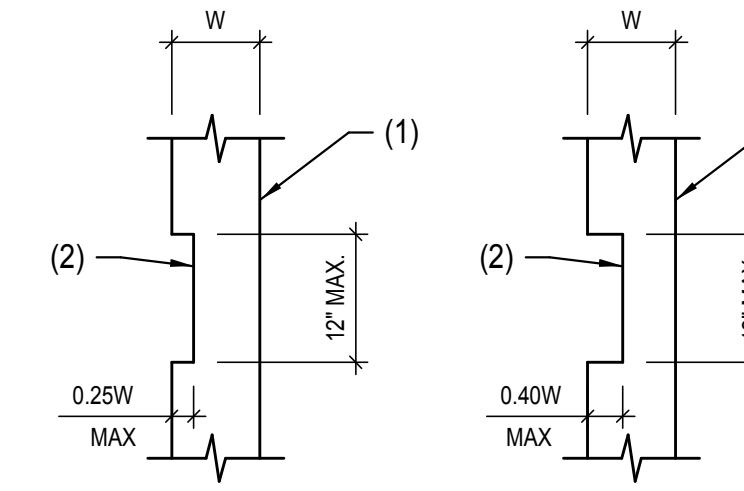
215156-X-DETAILS-12



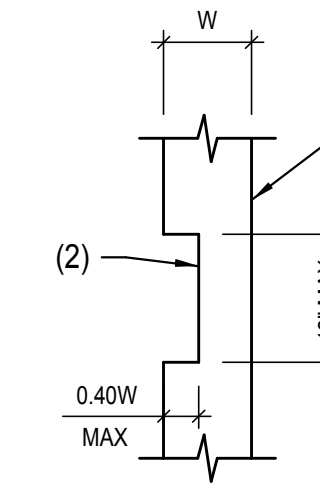
NOTES:

- WOOD STUD.
- CUT OR NOTCH. OVERCUTTING IS NOT PERMITTED.
- NOTCH IS PERMITTED AT THE TOP OF THE MEMBER, NOT FURTHER FROM THE FACE OF THE SUPPORT THAN THE DEPTH OF THE MEMBER.
- CUTS OR NOTCHES ARE PERMITTED ONLY IN HATCHED AREAS.
- WOOD JOIST OR BEAM.

JOISTS AND BEAMS



INTERIOR BEARING WALL STUDS



INTERIOR NON-BEARING WALL STUDS

NOTE:
A. AT EXTERIOR WALLS, CUTS OR NOTCHES ARE NOT PERMITTED.
B. "NON-BEARING" REFERS TO WALLS SUPPORTING NO LOADS OTHER THAN THE WEIGHT OF THE WALL. ALL OTHER WALLS SHALL BE CONSIDERED "BEARING" WALLS.
C. THIS DETAIL APPLIES TO SOLID SAWN LUMBER ONLY, NOT TO ENGINEERED WOOD PRODUCTS OR GLULAMS.
D. CONTACT ENGINEER IF CONDITIONS EXCEED THOSE SHOWN.

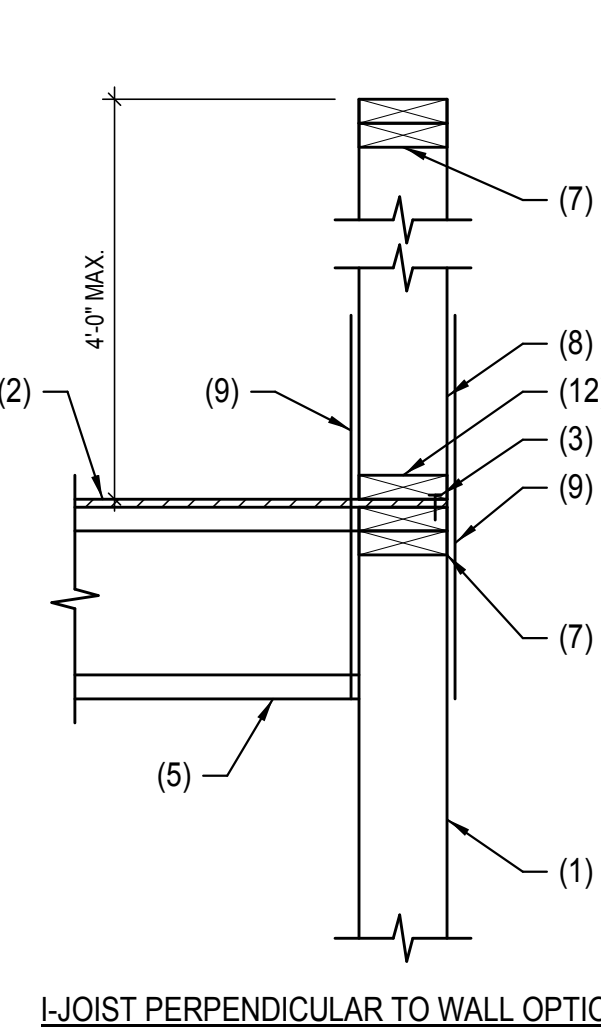
13 TYPICAL CUTS AND NOTCHES IN SOLID SAWN WOOD FRAMING

SCALE: NOT TO SCALE

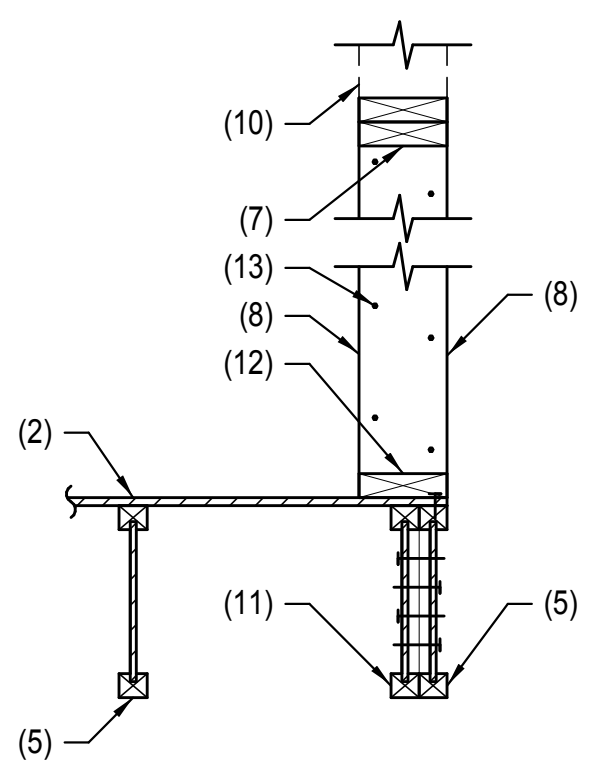
601-007-TYP

NOTES:

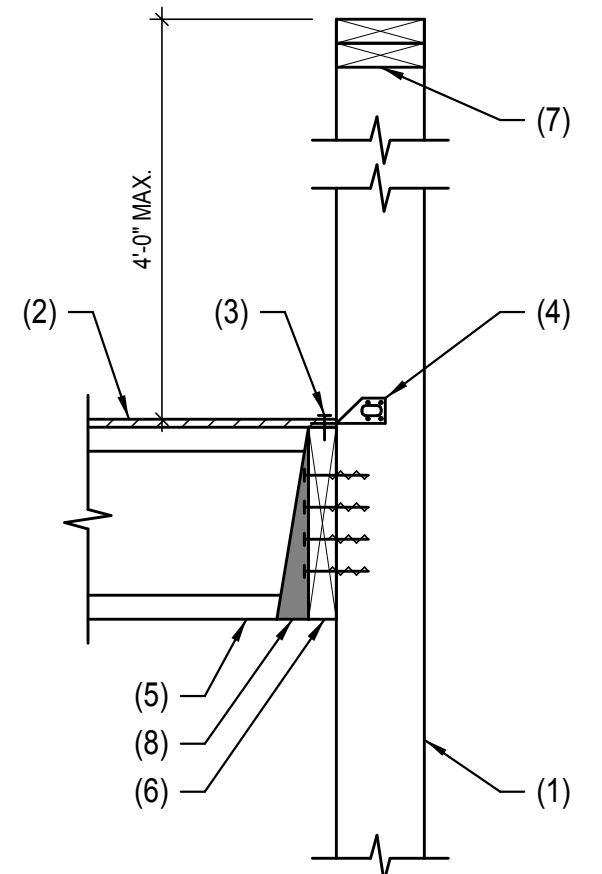
- WOOD STUD WALL.
- SHEATHING.
- EDGE ATTACHMENT, U.N.O.
- SIMPSON H2.5 AT EACH STUD.
- WOOD I-JOIST.
- 1 3/4"x11 7/8" LVL LEDGER WITH (4) SIMPSON SDS 1/4"x3 1/2" SCREWS AT EACH STUD.
- DOUBLE 2x TOP PLATE.
- 2x STUDS AT 16" O.C. EACH BAY.
- SIMPSON CS14x24" STRAP WITH 10d NAILS AT EACH STUD.
- STUD IN ADJACENT PERPENDICULAR WALL BEYOND.
- DOUBLE I-JOIST AT WALL ONLY. SISTER TO I-JOIST WITH WEB FILLERS AND (2) 10d NAILS AT 8" O.C. EACH SIDE, STAGGERED.
- BOTTOM PLATE.
- ATTACH EACH STUD TO ADJACENT WALL WITH 10d NAILS AT 8" O.C., STAGGERED.



I-JOIST PERPENDICULAR TO WALL OPTION

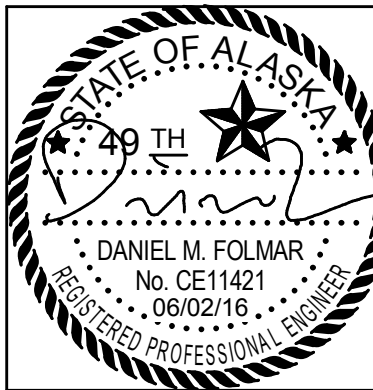


I-JOIST PERPENDICULAR TO WALL OPTION



I-JOIST PERPENDICULAR TO WALL OPTION

COOK INLET HOUSING AUTHORITY
SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK



SCHNEIDER
STRUCTURAL ENGINEERS
FIRM DEDICATION TO STRUCTURAL INNOVATION
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REVISION SCHEDULE

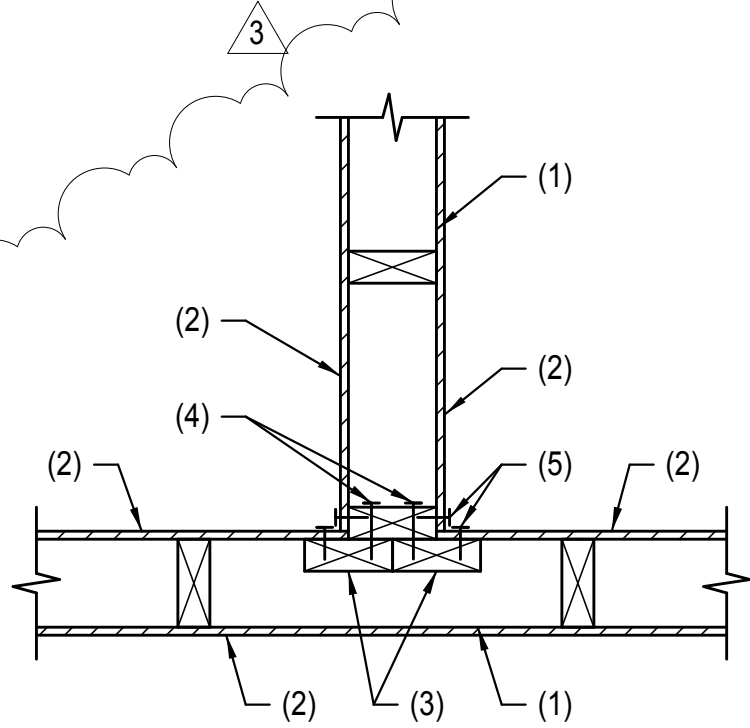
#	DESCRIPTION	DATE
2	CONTRACTOR RESPONSE	Date 2

JOB NO. 215156
DATE 04.11.2016
DRAWN MEH
REVIEWED ZDS, DMF

SHEET NAME
TYPICAL DETAILS

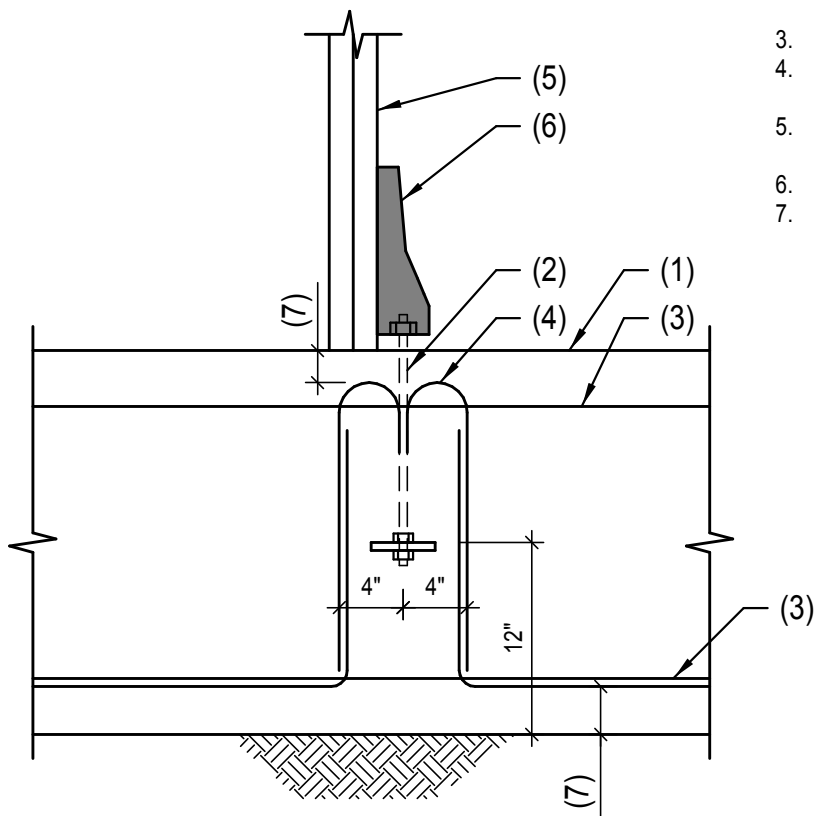
SHEET NO.

S1.06



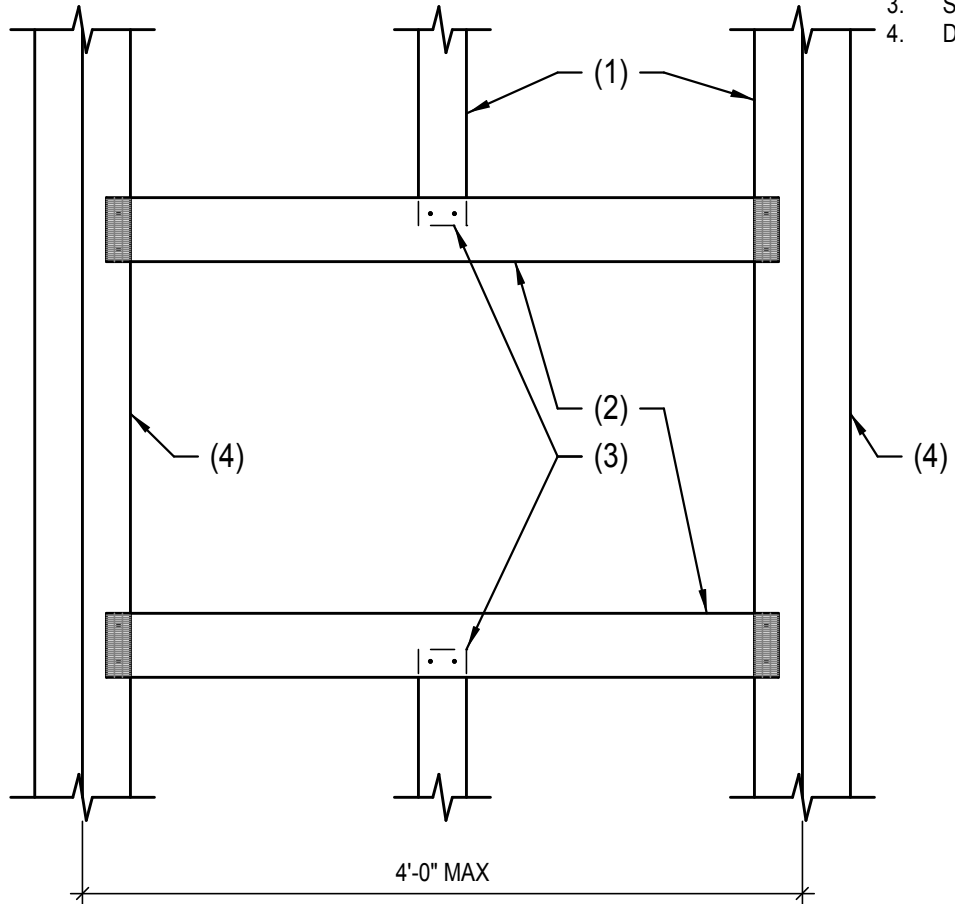
25 SHEARWALL AT INTERSECTING SHEARWALL
SCALE: NOT TO SCALE

215156-X-DETAILS-25



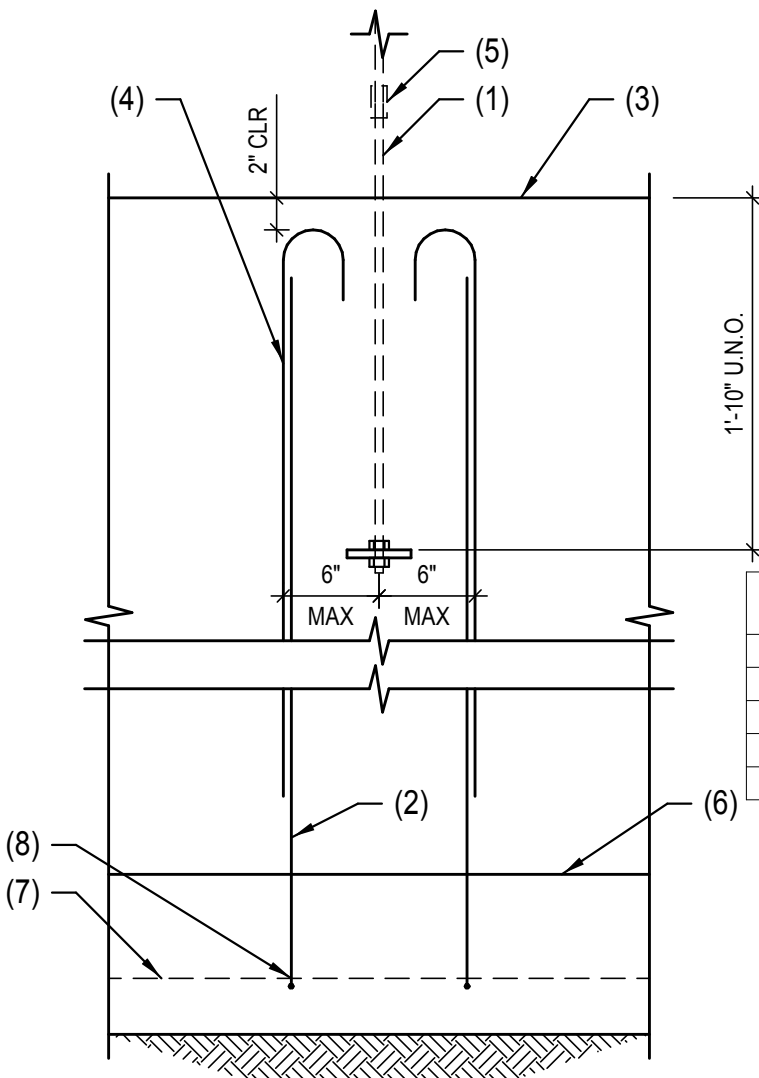
26 TYPICAL HOLDOWN AT INTERIOR FOOTING
SCALE: NOT TO SCALE

215156-X-DETAILS-26



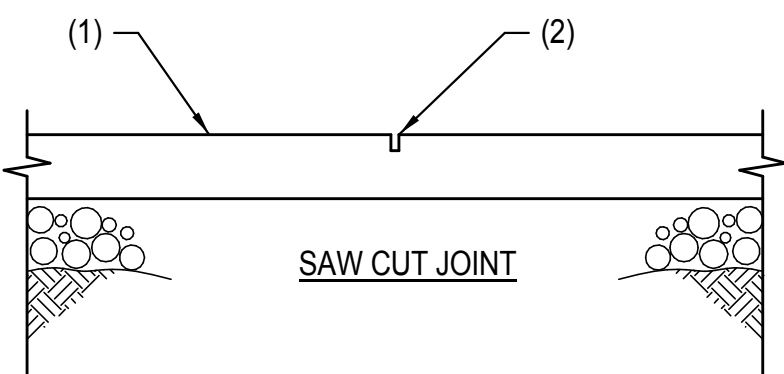
22 TYPICAL OPENING AT FLOOR FRAMING
SCALE: NOT TO SCALE

215156-X-DETAILS-22



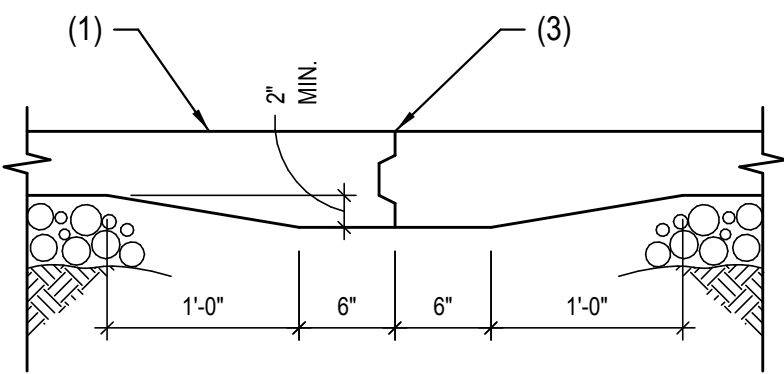
23 TYPICAL HOLDOWN ANCHOR AT CONCRETE FOUNDATION WALL
SCALE: NOT TO SCALE

602-018-TYP



24 TYPICAL CONTROL JOINTS IN CONCRETE SLAB ON GRADE
SCALE: NOT TO SCALE

201-001-TYP



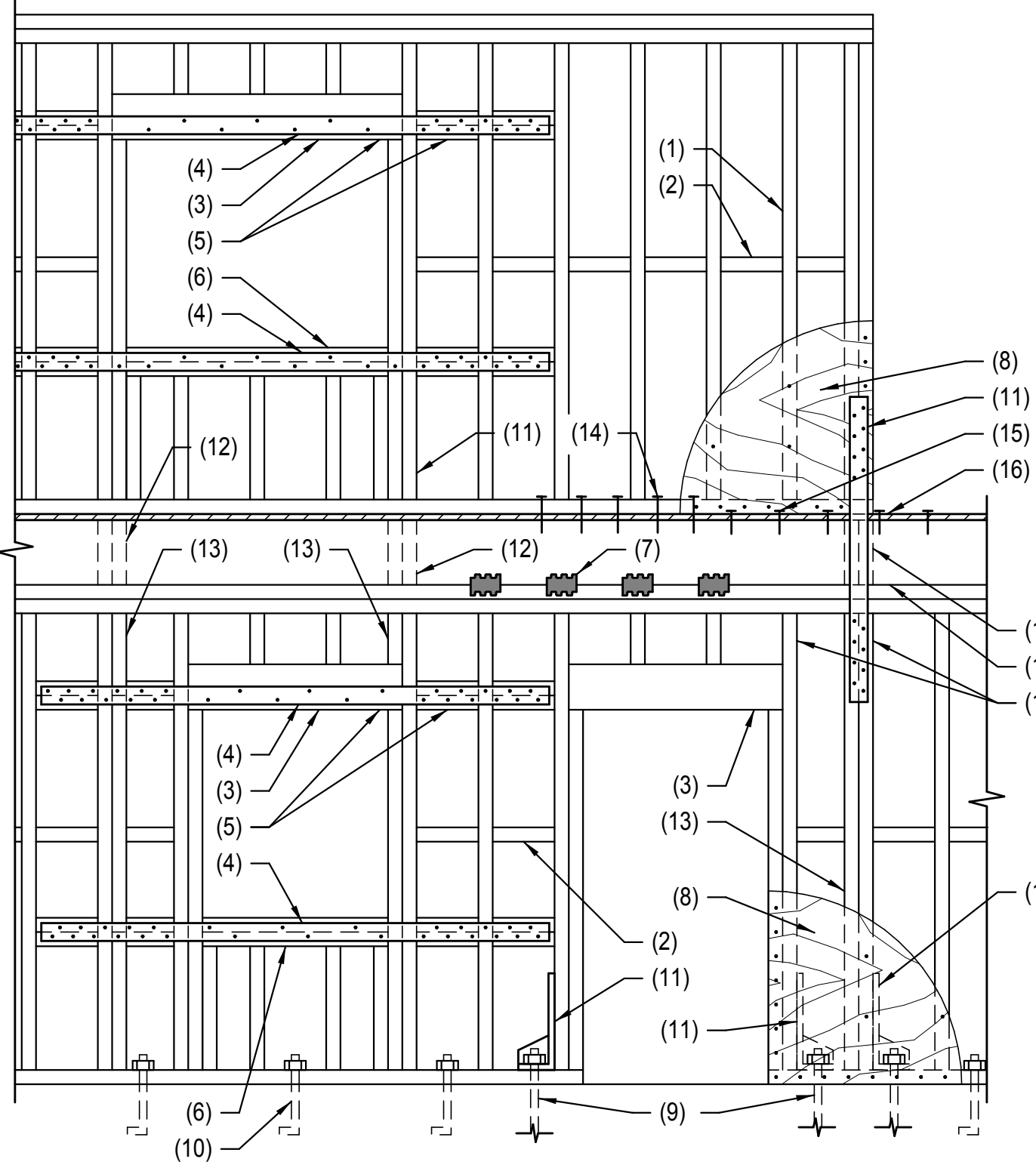
KEYED JOINT

NOTE: KEYED JOINTS NEED ONLY OCCUR AT EXPOSED EDGES DURING PLACEMENT UNLESS SPECIFICALLY NOTED ON THE PLANS. "TOOL WET JOINT", "ZIP STRIP", ETC. SHALL MATCH SAWCUT REQUIREMENTS.

NOMINAL BEAM DEPTH "D"	NUMBER OF 3/4" DIA. ASTM, A325 BOLTS
UP TO 7"	2
8" - 11"	2
12" - 14"	3
15" - 17"	4
18" - 20"	5
21" - 23"	6
24" - 29"	7
30" - 32"	8
33" - 35"	9
36"	10

20 TYPICAL BOLT SCHEDULE FOR STEEL CONNECTIONS
SCALE: NOT TO SCALE

512-010-TYP-AK

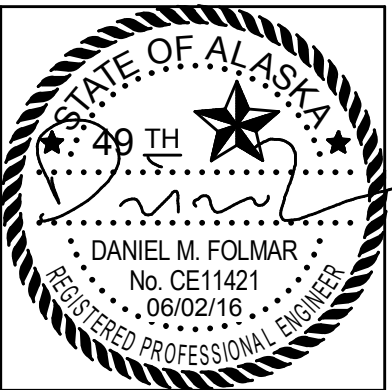


21 TYPICAL MULTI-STORY WOOD STUD SHEAR WALL
SCALE: NOT TO SCALE

602-004-TYP

FRAMING NOTES:

- THE TYPICAL STEEL BEAM TO STEEL COLUMN OR STEEL BEAM TO STEEL BEAM CONNECTION CONSISTS OF 3/8" SINGLE SHEAR PLATES WITH 3/4" DIA. ASTM A325 BOLTS. USE 5/8" SHEAR PLATES WHERE "D" = 27" OR GREATER.
- ALL BOLTS SHALL BE INSTALLED USING STANDARD HOLES. (CONTRACTOR'S OPTION TO USE HORIZONTAL SHORT SLOTTED HOLES IN EITHER THE BEAM WEB OR THE SHEAR PLATE PER LATEST AISC SPECIFICATIONS.)



COOK INLET HOUSING AUTHORITY
SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE

#	DESCRIPTION	DATE
3	MDA RESPONSE	06/02/16

JOB NO.	215156
DATE	04.11.2016
DRAWN	MEH
REVIEWED	ZDS, DMF

SHEET NAME
TYPICAL DETAILS

SHEET NO.
S1.07

CONCRETE PEDESTAL (CP) SCHEDULE

MARK	PLAN DIMENSIONS				REINFORCING		TOP OF PEDESTAL ELEVATION U.N.O.	REMARKS
	A	a	B	b	VERTICAL	TIES		
CP1	24"	12"	24"	12"	(8) #5	#3 AT 6" O.C.	-1'-0"	---
CP2	24"	12"	56"	28"	(12) #5	#3 AT 6" O.C.	-1'-0"	---
CP3	18"	9"	16"	8"	(8) #5	#3 AT 6" O.C.	PER DETAIL	---
CP4	24"	12"	PER PLAN	PER PLAN	(12) #6	#3 AT 6" O.C.	-0'-6" B.F.G.	(2) COLUMNS ON ONE PEDESTAL, PEDESTAL INTEGRAL WITH STEM WALL

NOTES:

- SEE TYPICAL DETAILS FOR REINFORCING INFORMATION.
- TOP OF PEDESTAL ELEVATION IS REFERENCED FROM TOP OF SLAB ELEVATION.
- "X" GRID REFERS TO PLAN EAST-WEST GRIDS, "Y" GRID REFERS TO PLAN NORTH-SOUTH GRIDS.

LEDGER (L) SCHEDULE			
MARK	TYPE	SIZE	CONNECTION
L1	WOOD	2x6	SIMPSON SDWS 22400DB SCREWS AT 4" O.C. STAGGERED.
L2	LVL	1 3/4"x11 7/8" LVL 2800	(8) SIMPSON SDWS 22400DB SCREWS AT 16" O.C.
L3	WOOD	4x12	(4) SIMPSON SDWS 22600DB SCREWS AT 8" O.C., STAGGERED
L4	WOOD	2x8	(2) SIMPSON SDS 1/4"x3 1/2" SCREWS AT EACH STUD AT 16" O.C.

WOOD:

- ALL LEDGERS SHALL HAVE MINIMUM OF 2 FASTENERS PER LEDGER PIECE.
- FASTENERS SHALL BE LOCATED NOT LESS THAN 6" NOR MORE THAN 12" FROM END OF LEDGER PIECE OR AT LEDGER SPLICE

WALL OPENING (WO) SCHEDULE					
MARK	TYPE	HEADER SIZE	TRIMMER STUDS	JAMB STUDS	REMARKS
WO1	WOOD	(3) 2x8	(2) 2x6	(2) 2x6	AT INTERIOR WALLS USE (1) 2x6 JAMB STUD U.N.O.
WO2	WOOD	4x12	(3) 2x6	(2) 2x6	---

NOTES:

- SEE GENERAL DETAILS FOR ADDITIONAL INFORMATION.
- JAMB STUDS SPECIFIED IN TABLE APPLY ONLY AT EXTERIOR WALL FRAMING. PROVIDE SINGLE 2x JAMB STUD AT INTERIOR WALL FRAMING.
- JAMB STUDS SPECIFIED IN TABLE APPLY TO EACH SIDE OF THE OPENING.
- JAMB AND TRIMMER STUDS SHALL BE SAME DEPTH AS WALL U.N.O.
- WHERE HEADER IS NOT INDICATED ON THE SAME LEVEL AS THE WALL OPENING MARK, THE HEADER IS UPSET ON TOP OF THE WALL TOP PLATE ABOVE. JAMB STUDS ARE NOT REQUIRED AT UPSET HEADERS.

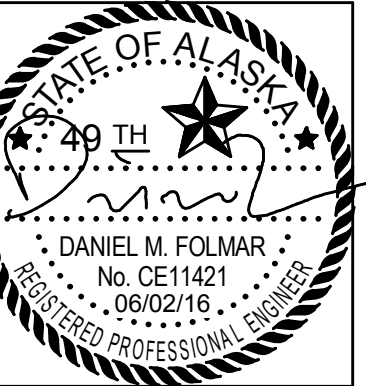
HOLDOWN (H) SCHEDULE				
MARK	HOLDOWN TYPE	CONNECTION TO STUDS	BUILT UP CONNECTION AT EACH PLY	CONNECTION AT FOUNDATION
H1	SIMPSON CS16	(22) 10d NAILS AT 2x MEMBER	---	---
H2	SIMPSON CS14	(30) 10d NAILS AT 2x MEMBER	---	---
H3	(2) SIMPSON CS16	(22) 10d NAILS AT EACH 2x MEMBER	(11) 10d NAILS	---
H4	(2) SIMPSON CS14	(30) 10d NAILS AT EACH 2x MEMBER	(16) 10d NAILS	---
H5	SIMPSON CMST12	(84) 16d NAILS AT (2) 2x MEMBER	(57) 10d NAILS	---
H6	SIMPSON HDU2	(6) SDS 1/4"x2 1/2" SCREWS AT (2) 2x MEMBER	(14) 10d NAILS	SIMPSON SB5/8x24
H7	SIMPSON HDU4	(10) SDS 1/4"x2 1/2" SCREWS AT (2) 2x MEMBER	(21) 10d NAILS	SIMPSON SB5/8x24
H8	SIMPSON HDU8	(20) SDS 1/4"x2 1/2" SCREWS AT (3) 2x MEMBER	(35) 10d NAILS	SIMPSON SB7/8x24
H9	SIMPSON HD12	(4) 1" DIA. THRU BOLTS AT 6x6 MEMBER	---	1 1/8" DIA. THREADED ROD, EMBED INTO FOOTING PER TYPICAL DETAIL
H10	SIMPSON HDU14	(36) SDS 1/4"x2 1/2" SCREWS AT 6x6 MEMBER	---	SIMPSON 1" DIA. THREADED ROD AT EXTERIOR WALL, EMBED INTO FOOTING PER TYPICAL DETAIL
H11	SIMPSON HDU11	(30) SDS 1/4" x 2 1/2" SCREWS AT (5) 2x MEMBERS	---	SIMPSON 1" DIA. THREADED ROD EMBED INTO FOOTING PER TYPICAL DETAIL
H12	SIMPSON CMST14	(38) 10d NAILS	---	---

NOTES:

- AT STRAP HOLDOWNS. SEE MANUFACTURER'S SPECIFICATIONS FOR DEFINITION OF CLEAR SPAN DIMENSION.

FOOTING (F) SCHEDULE					
MARK	DIMENSIONS			FOOTING REINFORCING	REMARKS
	HEIGHT	WIDTH	LENGTH		
F1	12"	1'-4"	CONT.	(2) #5 BARS CONT., BOTTOM	---
F2	12"	2'-0"	CONT.	(3) #5 BARS CONT., BOTTOM	---
F3	24"	4'-0"	4'-0"	(7) #5 BARS EACH WAY	---
F4	24"	3'-0"	3'-0"	(4) #5 BARS EACH WAY, TOP AND BOTTOM	---
F5	12"	PER PLANS	PER PLANS	#5 AT 12" O.C. EACH WAY, BOTTOM	ELEVATOR PIT FOOTING
F6	24"	2'-0"	CONT.	(3) #5 BARS CONT., TOP AND BOTTOM	---
F7	30"	2'-0"	CONT.	(3) #5 BARS CONT., TOP AND BOTTOM	---
F8	18"	4'-0"	4'-0"	(5) #5 TOP AND BOTTOM, EACH WAY	---
F9	---	24" DIA. FOOTING TUBE PIER	(6) #6 VERTICAL #4 TIES AT 12" O.C. AND (2) #4 TIES AT TOP	B.O.F. = -8'-0" B.F.G.	
F10	---	24" DIA. FOOTING TUBE PIER	(6) #6 VERTICAL #4 TIES AT 12" O.C. AND (2) #4 TIES AT TOP	B.O.F. = -4'-6" B.F.G.	
NOTES: 1. FOR FOOTING BEARING DEPTH BELOW GRADE, SEE G.S.N. U.N.O. 2. CENTER FOOTINGS UNDER WALLS OR COLUMNS U.N.O.					

MARK	TYPE	SIZE	BASE CONNECTION	REMARKS
C1	WOOD	(2) 2x6 MIN.	BEARING ON SILL PLATE	---
C2	WOOD	6x6	SIMPSON ABU66 POST BASE WITH 5/8" DIA. ANCHOR BOLT	---
C3	STEEL	HSS5x5x1/4	3/4" x 12" x 1'-0" STEEL BASE PLATE WITH (4) 5/8" DIA. CIP ANCHOR BOLTS	---
C4	STEEL	HSS4x4x1/4	3/4" x 10" x 0'-5 1/2" STEEL BASE PLATE WITH (2) 5/8" DIA. CIP ANCHOR BOLTS	PER (2) BOLT PLATE TYPICAL DETAIL
C5	STEEL	HSS5x5x1/4	3/4" x 12" x 0'-5 1/2" STEEL BASE PLATE WITH (2) 5/8" DIA. CIP ANCHOR BOLTS	PER (2) BOLT PLATE TYPICAL DETAIL
C6	GLB	(2) 3 1/2"x12" GLB	PER DETAILS	TAPER SECTION
C7	STEEL	HSS4.5x0.375	3/4" x 10" x 0'-5 1/2" STEEL BASE PLATE WITH (2) 5/8" DIA. CIP ANCHOR BOLTS	PER (2) BOLT PLATE TYPICAL DETAIL
C8	STEEL	HSS6x6x1/4	PER DETAILS	---
C9	STEEL	HSS3x3x3/8	3/4" x 12" x 0'-5 1/2" STEEL BASE PLATE WITH (2) 5/8" DIA. CIP ANCHOR BOLTS	PER (2) BOLT PLATE TYPICAL DETAIL



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SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE	
DESCRIPTION	DATE
CONTRACTOR RESPONSE	Date 1
MOA RESPONSE	06/02/16

OB NO.	215156
DATE	04.11.2016
DRAWN	MEH
VIEWED	ZDS, DMF

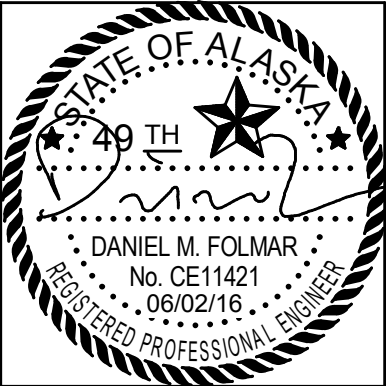
HEET NAME
SCHEDULES

HEET NO.

S1.08

SHEAR WALL (SW) SCHEDULE (WOOD FRAMING)												
MARK	SHEATHING MATERIAL AND ATTACHMENT				SILL PLATE AND ATTACHMENT			STRAPPING AT OPENINGS (U.N.O.)				REMARKS
	SHEATHING TYPE	SHEATHING THICKNESS	NUMBER OF FACES	EDGE ATTACHMENT	SILL PLATE	ATTACHMENT AT FOUNDATION	ATTACHMENT AT FRAMING	STRAP TYPE	END LENGTH	ATTACHMENT TO FRAMING	BLOCKING SIZE	
SW1	W.S.P.	7/16"	1	8d NAILS AT 6" O.C.	2x	5/8" DIA ANCHORS AT 48" O.C.	10d NAILS AT 8" O.C.	---	---	---	---	---
SW2	W.S.P.	7/16"	1	8d NAILS AT 4" O.C.	2x U.N.O.	5/8" DIA ANCHORS AT 42" (21") O.C.	10d NAILS AT 5" O.C.	CS22	7"	(6) 10d NAILS	2x	---
SW3	W.S.P.	7/16"	1	8d NAILS AT 3" O.C.	2x U.N.O.	5/8" DIA ANCHORS AT 32" (16") O.C.	10d NAILS AT 4" O.C.	CS22	7"	(6) 10d NAILS	2x	---
SW4	W.S.P.	7/16"	1	8d NAILS AT 2" O.C.	2x U.N.O.	5/8" DIA ANCHORS AT 24" (12") O.C.	10d NAILS AT 3" O.C.	CS22	7"	(6) 10d NAILS	2x	---
SW5	W.S.P.	7/16"	2	8d NAILS AT 4" O.C.	2x U.N.O.	5/8" DIA ANCHORS AT 16" O.C.	(2) 10d NAILS AT 5" O.C.	---	---	---	---	---
SW6	W.S.P.	15/32"	2	10d NAILS AT 3" O.C.	2x U.N.O.	5/8" DIA ANCHORS AT 16" O.C.	(2) 10d NAILS AT 4" O.C.	CMST14	2'-6"	(33) 16d NAILS	2x	---
SW7	W.S.P.	15/32"	2	10d NAILS AT 2" O.C.	2x U.N.O.	5/8" DIA ANCHORS AT 12" O.C.	(2) 10d NAILS AT 3" O.C.	CMST14	2'-6"	(33) 16d NAILS	2x	---
GENERAL NOTES: 1. SEE TYPICAL DETAILS FOR ADDITIONAL INFORMATION. 2. WHERE SHEATHING IS REQUIRED ON BOTH FACES OF WALL AND NAIL SPACING IS LESS THAN 6" O.C. EACH FACE, PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS, OR COMMON FRAMING MEMBER SHALL BE 3x OR THICKER AND NAILS ON EACH FACE SHALL BE STAGGERED. 3. WHERE NAILS ARE SPACED 4" O.C. OR LESS, FRAMING MEMBERS AT ADJOINING PANEL EDGES SHALL BE 3x OR THICKER AND NAILS SHALL BE STAGGERED. 4. (2) 2x STUDS STITCH-NAILED WITH 2 ROWS OF 10d NAILS AT 12" O.C. STAGGERED MAY BE SUBSTITUTED FOR 3x STUDS, BLOCKING, OR SILL PLATES NOT AT FOUNDATION. 5. MAXIMUM STUD SPACING IS 16" O.C. 6. ORIENT PANELS HORIZONTALLY OR VERTICALLY. ALL PANEL EDGES SHALL BE BACKED WITH 2x FRAMING (3x AS REQUIRED). BLOCK BETWEEN STUDS AT HORIZONTAL PANEL EDGES, U.N.O. 7. EDGE ATTACHMENT SPACING APPLIES TO ALL STUDS AT PANEL EDGES, TOP AND BOTTOM PLATES, AND BLOCKING AT PANEL EDGES. LOCATE NAILS 3/8" MINIMUM FROM EDGES. 8. NAILS SHALL BE COMMON OR GALVANIZED (HOT DIPPED OR TUMBLED) BOX NAILS. 9. INSTALL MINIMUM 3x3x0.229 STEEL PLATE WASHER AT ALL FOUNDATION ANCHORS. THE PLATE WASHER SHALL EXTEND TO WITHIN 1/2" OF THE EDGE OF THE BOTTOM PLATE SIDE(S) WITH SHEATHING. THE HOLE IN THE PLATE WASHER SHALL BE PERMITTED TO BE DIAGONALLY SLOTTED WITH A WIDTH OF UP TO 3/16" LARGER THAN BOLT DIAMETER AND A SLOT LENGTH NOT TO EXCEED 1 3/4" PROVIDED A STANDARD CUT WASHER IS PLACED BETWEEN THE PLATE WASHER AND THE NUT. 10. SILL PLATE ATTACHMENT AT FRAMING ALSO APPLIES TO ATTACHMENT OF FRAMING ABOVE WALL TO WALL TOP PLATE, U.N.O. 11. STRAPPING REFERS TO HORIZONTAL STEEL STRAP AT HEADER AND SILL OF OPENINGS. SEE STRAP MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION INFORMATION. 12. STRAP LENGTH = ROUGH OPENING WIDTH + 2x (JAMB STUD WIDTH) + 2x (END LENGTH). 13. STRAPS MAY BE INSTALLED ON INSIDE OR OUTSIDE FACE OF WALL, ON TOP OF SHEATHING OR UNDERNEATH SHEATHING.												

STRAP (ST) SCHEDULE							
MARK	STRAP TYPE	LOCATION	TOTAL LENGTH	END LENGTH	ATTACHMENT TO FRAMING	BLOCKING SIZE	REMARKS
ST1	SIMPSON CS16	PER PLAN	PER PLAN	1'-2"	(14) SDS 1/4"x 2 1/4" SCREWS	2x	TOP PLATE TO JOIST AND JOIST TO BLOCKING
ST2	SIMPSON CS14	PER PLAN	PER PLAN	1'-7"	(26) 10d SINKERS	(2) 2x	TOP PLATE TO JOIST AND JOIST TO BLOCKING
ST3	(2) SIMPSON CMST12	PER PLAN	PER PLAN	3'-8"	(98) 10d SINKERS	3x	TOP PLATE TO JOIST AND JOIST TO BLOCKING
ST4	SIMPSON CMST14	PER PLAN	PER PLAN	2'-10"	(76) 10d SINKERS	3x	TOP PLATE TO JOIST AND JOIST TO BLOCKING
ST5	SIMPSON CMST16	PER PLAN	PER PLAN	2'-1"	(58) 16d SINKERS	3x	TOP PLATE TO JOIST AND JOIST TO BLOCKING
ST6	SIMPSON HDU2-SDS2.5	PER PLAN	---	---	(6) SDS 1/4"x 2 1/2" SCREWS	(2) 2x	WOOD BEAM TO BLOCKING
NOTES: 1. SEE MANUFACTURER'S SPECIFICATIONS FOR MORE INFORMATION. 2. STRAPS MAY BE APPLIED ON TOP OF OR UNDERNEATH SHEATHING. 3. USE THE MINIMUM ATTACHMENT LISTED AT EACH END LENGTH OF STRAPS AND AT LONGER STRAPS FILL EVERY OTHER HOLE THROUGHOUT THE REST OF THE STRAP.							



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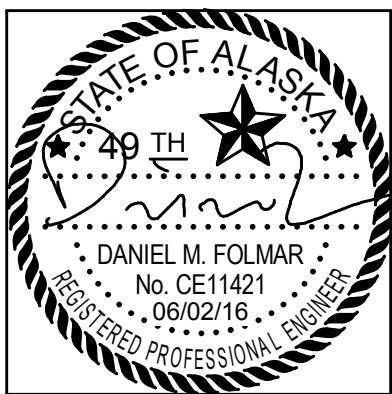
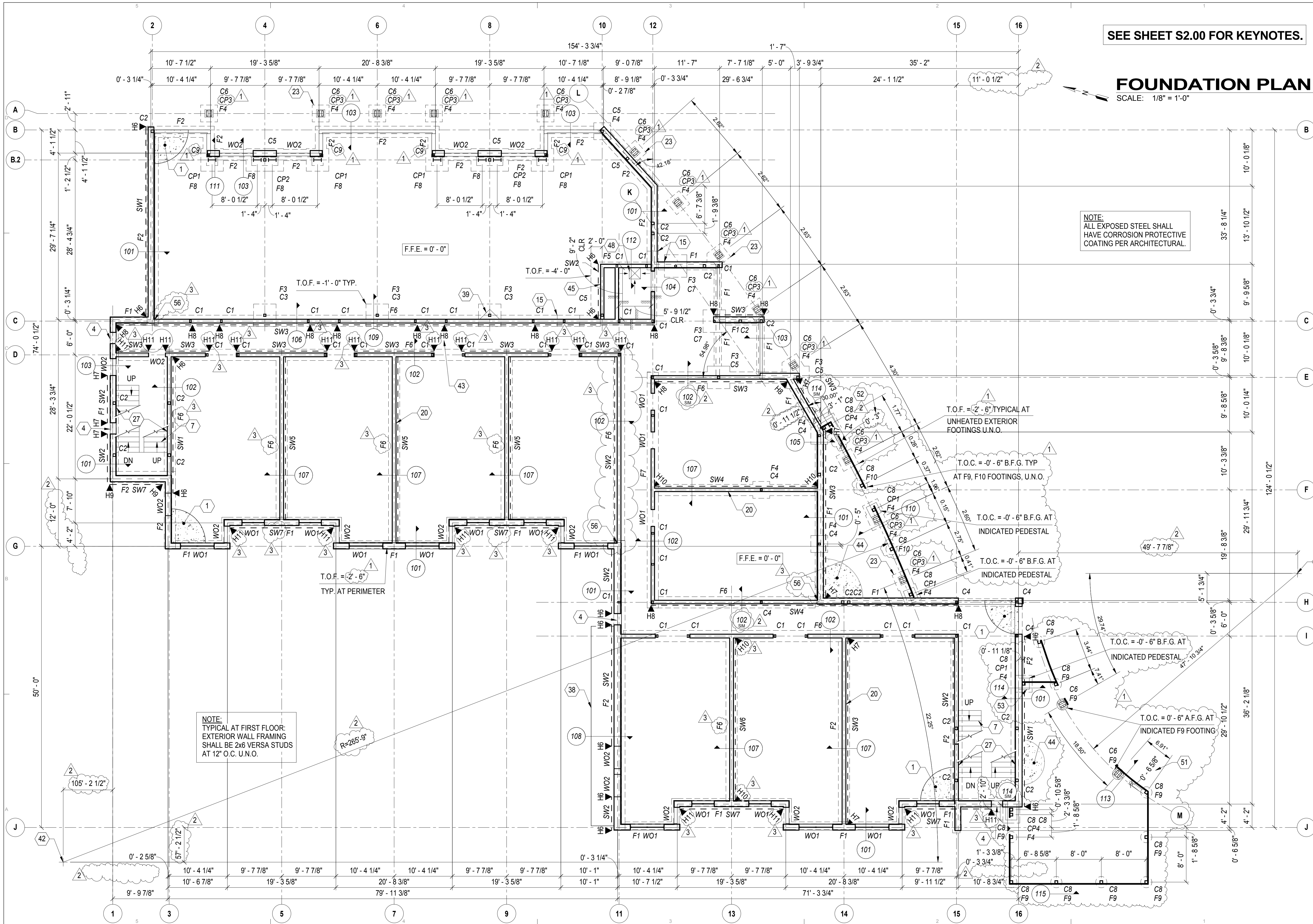
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1	CONTRACTOR RESPONSE	Date 1
2	CONTRACTOR RESPONSE	Date 2
3	MOA RESPONSE	06/02/16

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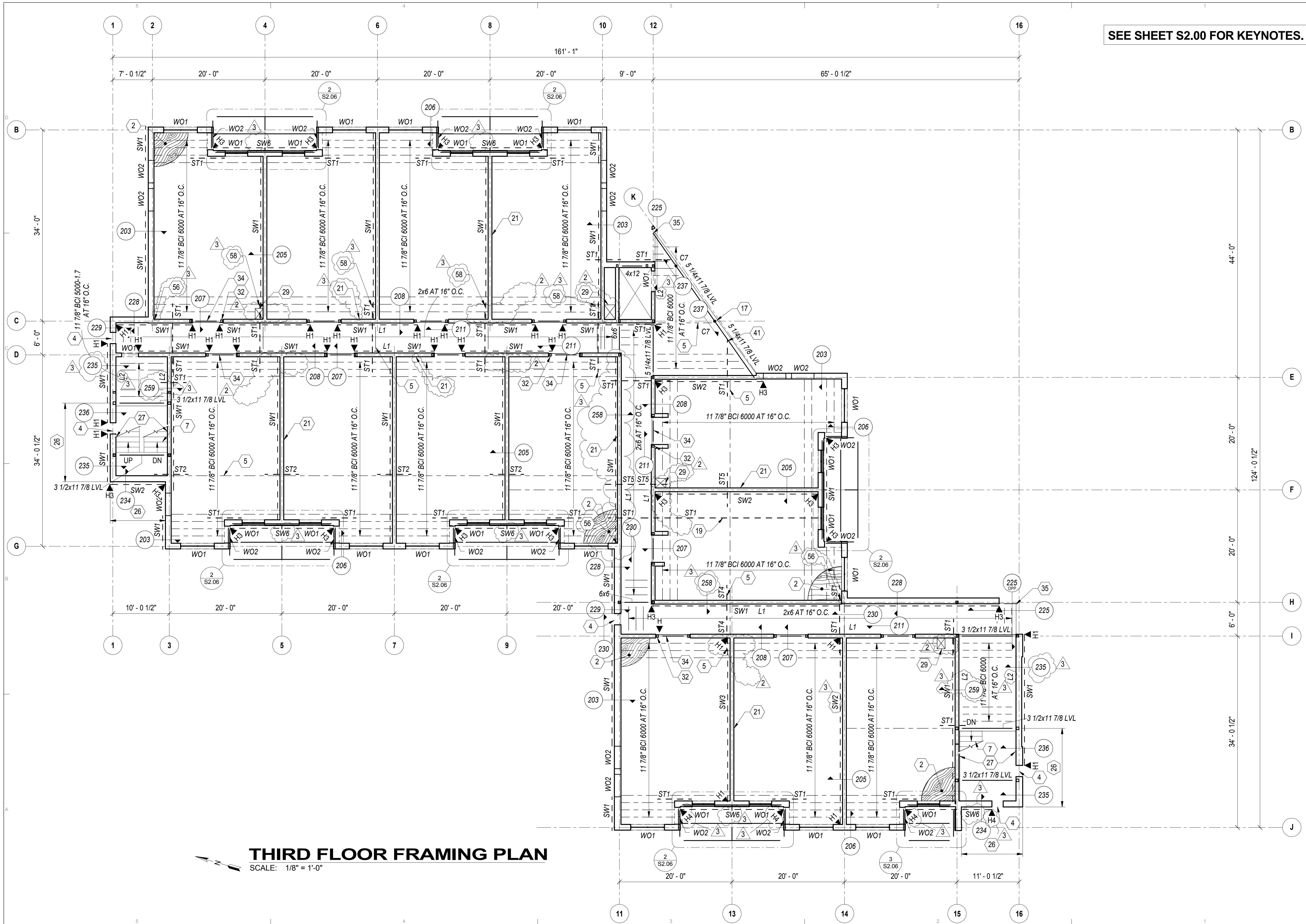
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3	MOA RESPONSE	06/02/16

JOB NO.	215156
DATE	04.11.2016
DRAWN	MEH
REVIEWED	ZDS, DMF

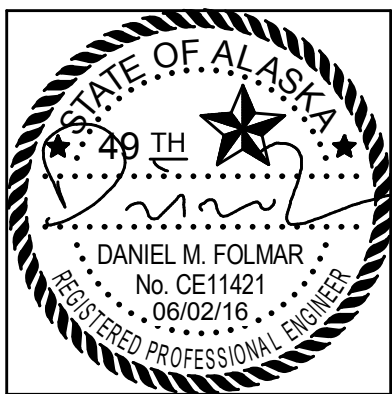
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SHEET NO.	S2.01
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THIRD FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

SEE SHEET S2.00 FOR KEYNOTES.



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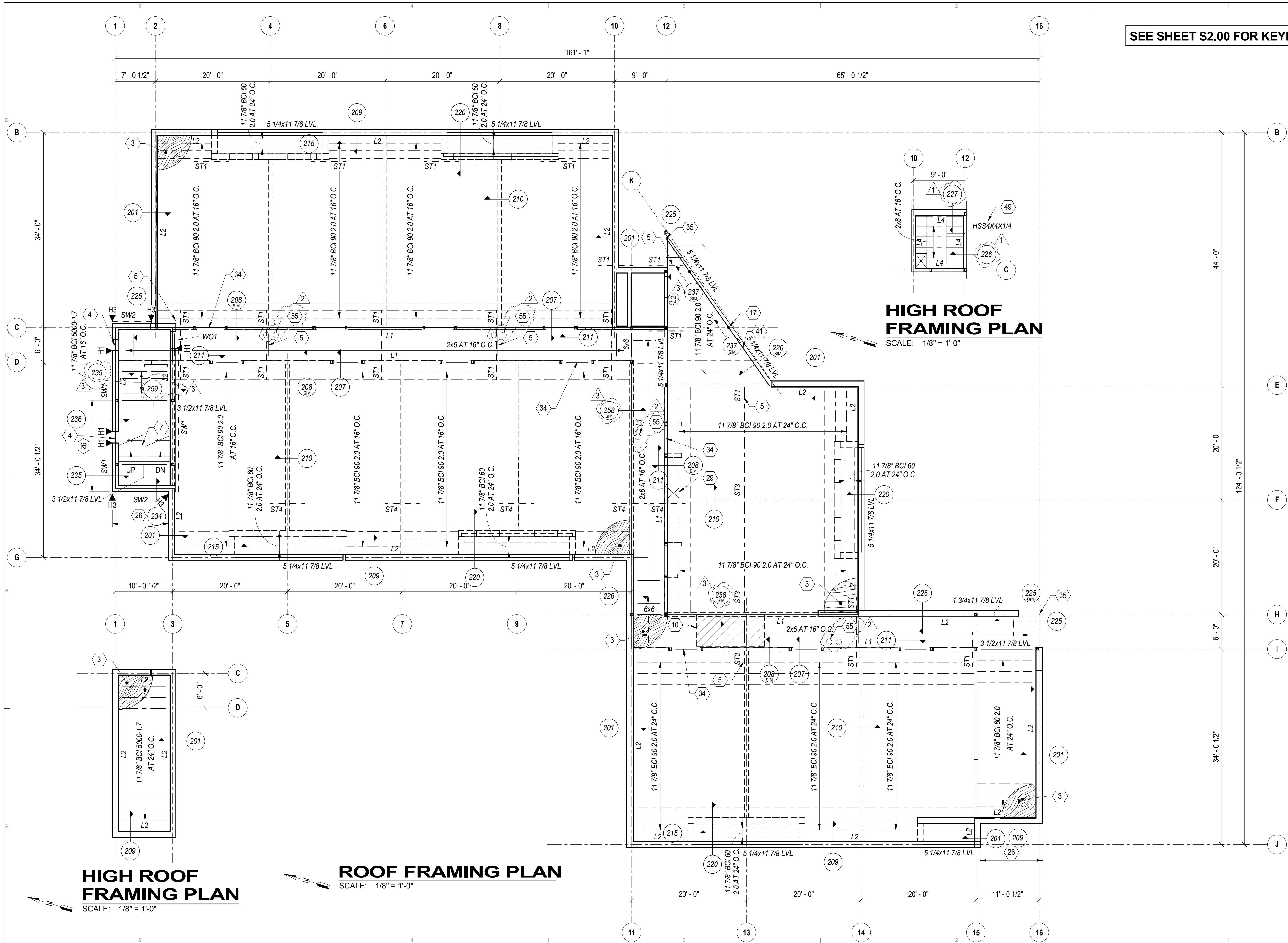
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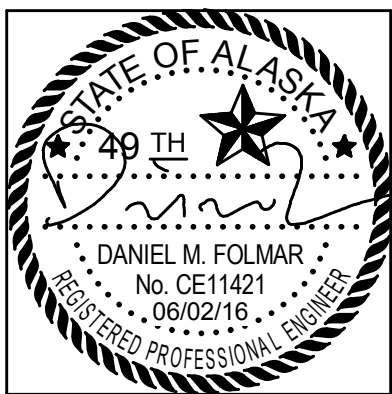
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DATE 04.11.2016
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SHEET NAME
THIRD FLOOR FRAMING PLAN

SHEET NO.
S2.03



SEE SHEET S2.00 FOR KEYNOTES.



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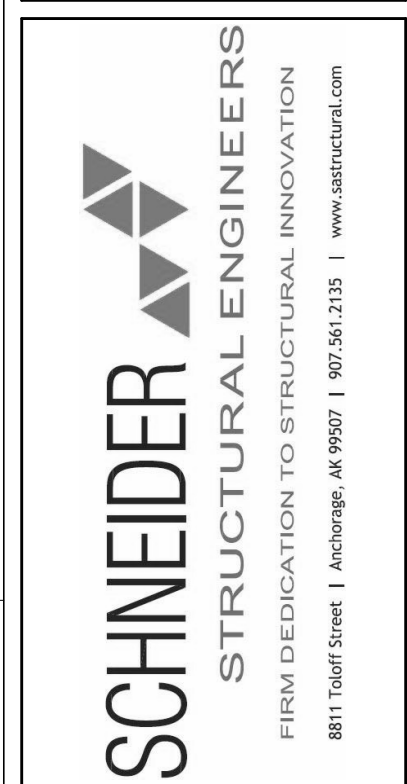
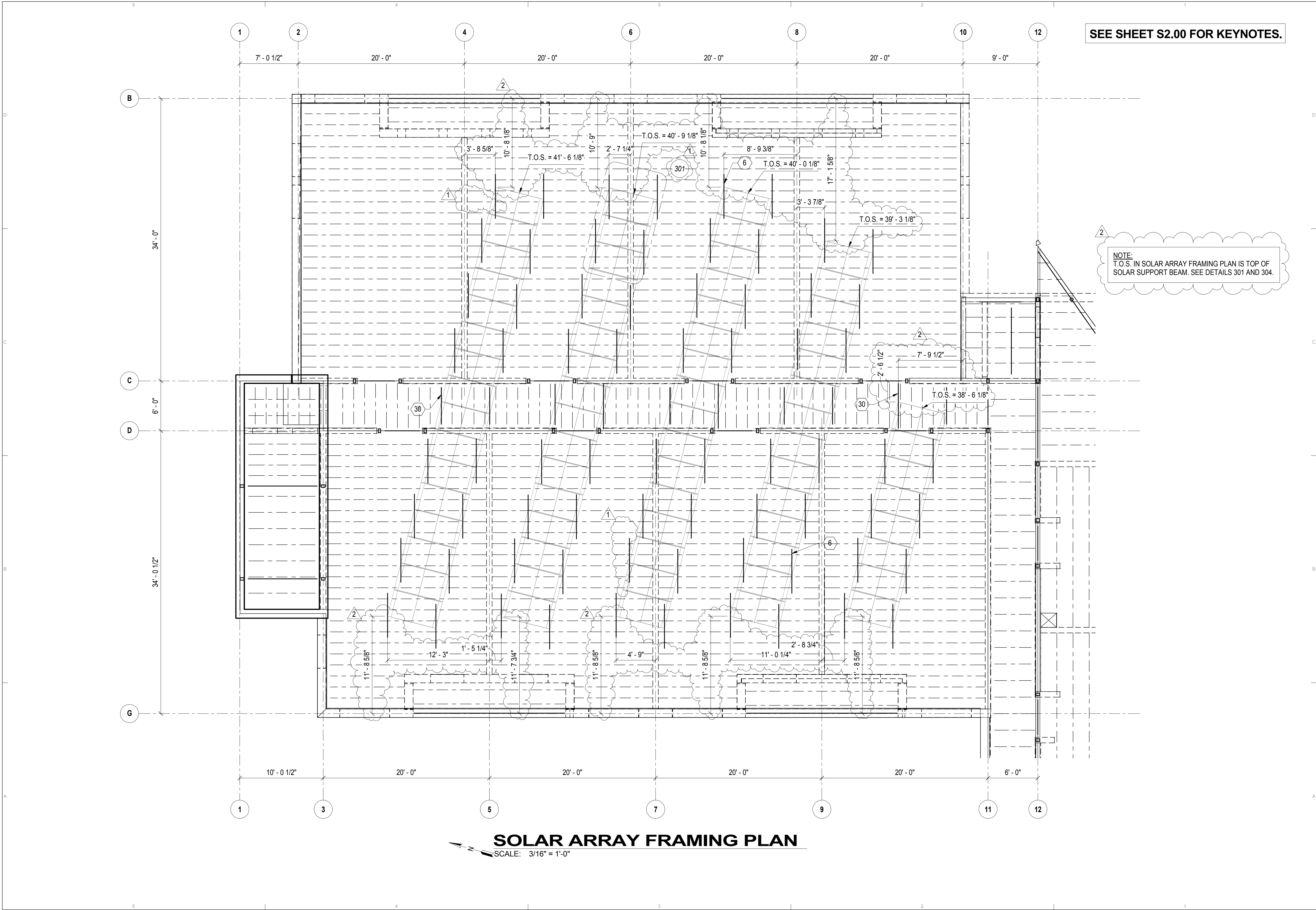
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2	CONTRACTOR RESPONSE	Date 2
3	MOA RESPONSE	06/02/16

JOB NO.	215156
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SHEET NAME ROOF FRAMING PLAN AND HIGH ROOF FRAMING PLAN	
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SHEET NO. S2.04	
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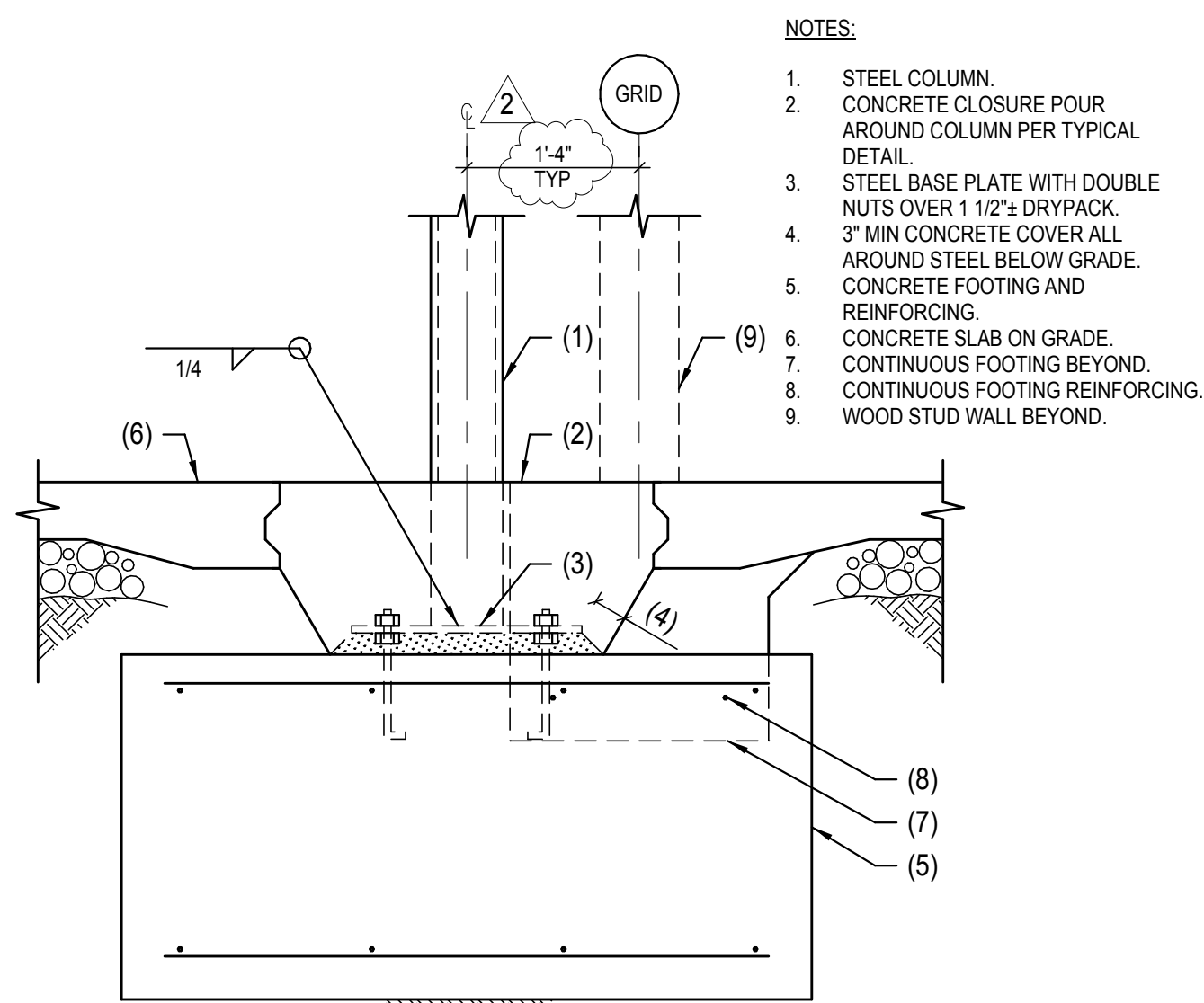
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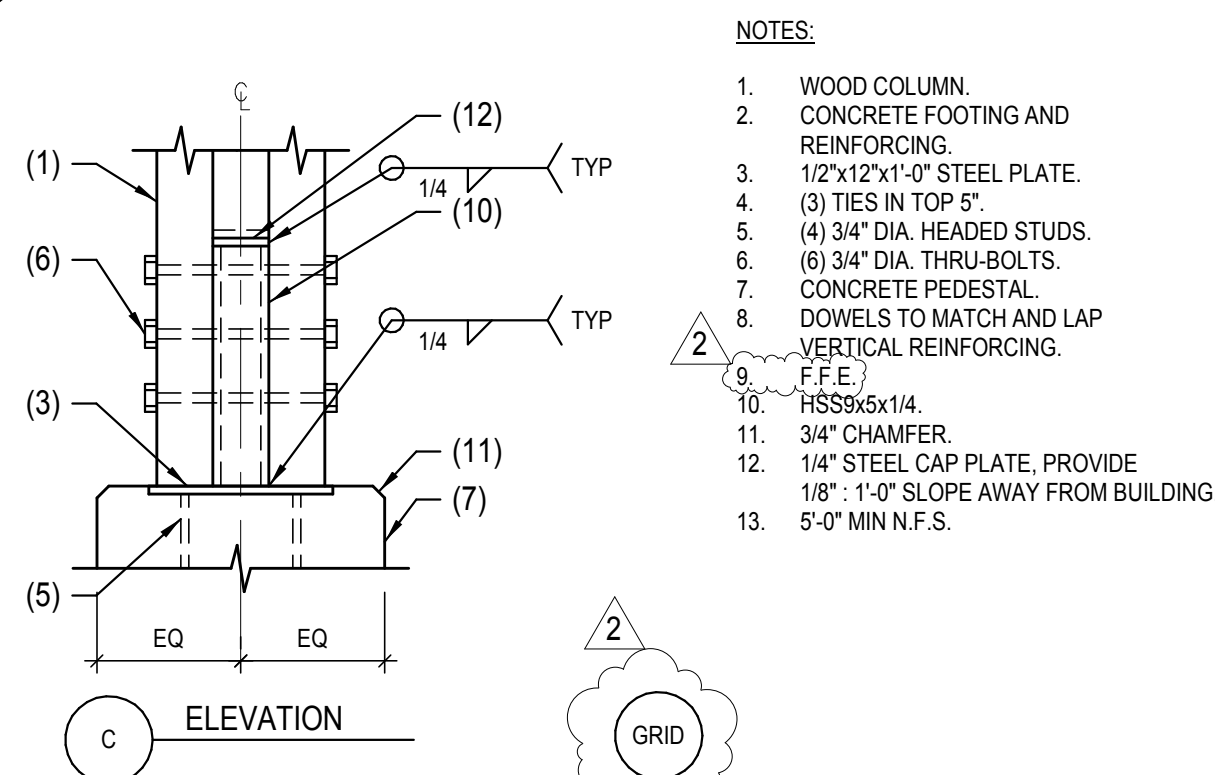
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SHEET NAME
SOLAR ARRAY FRAMING PLAN

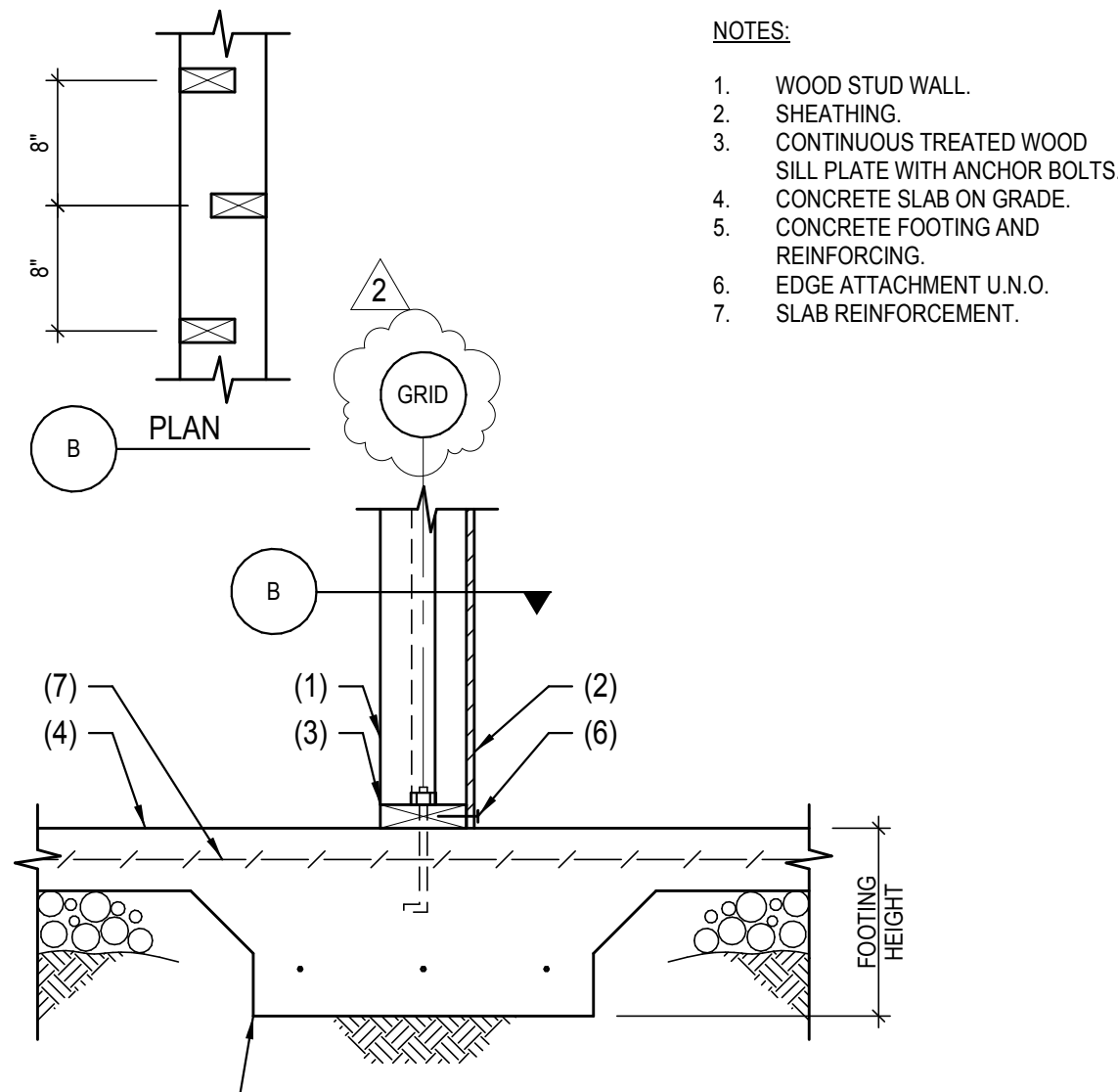
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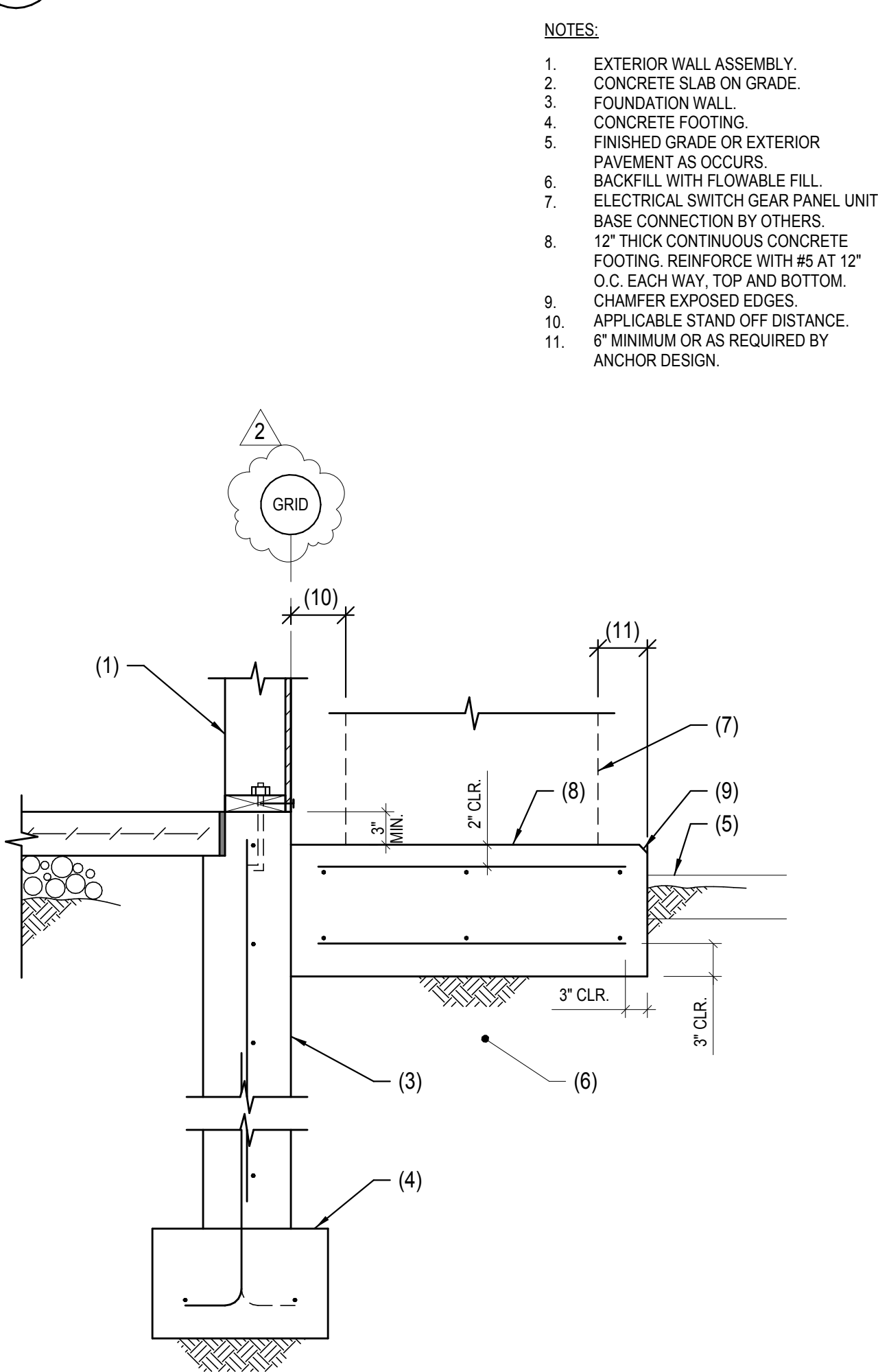
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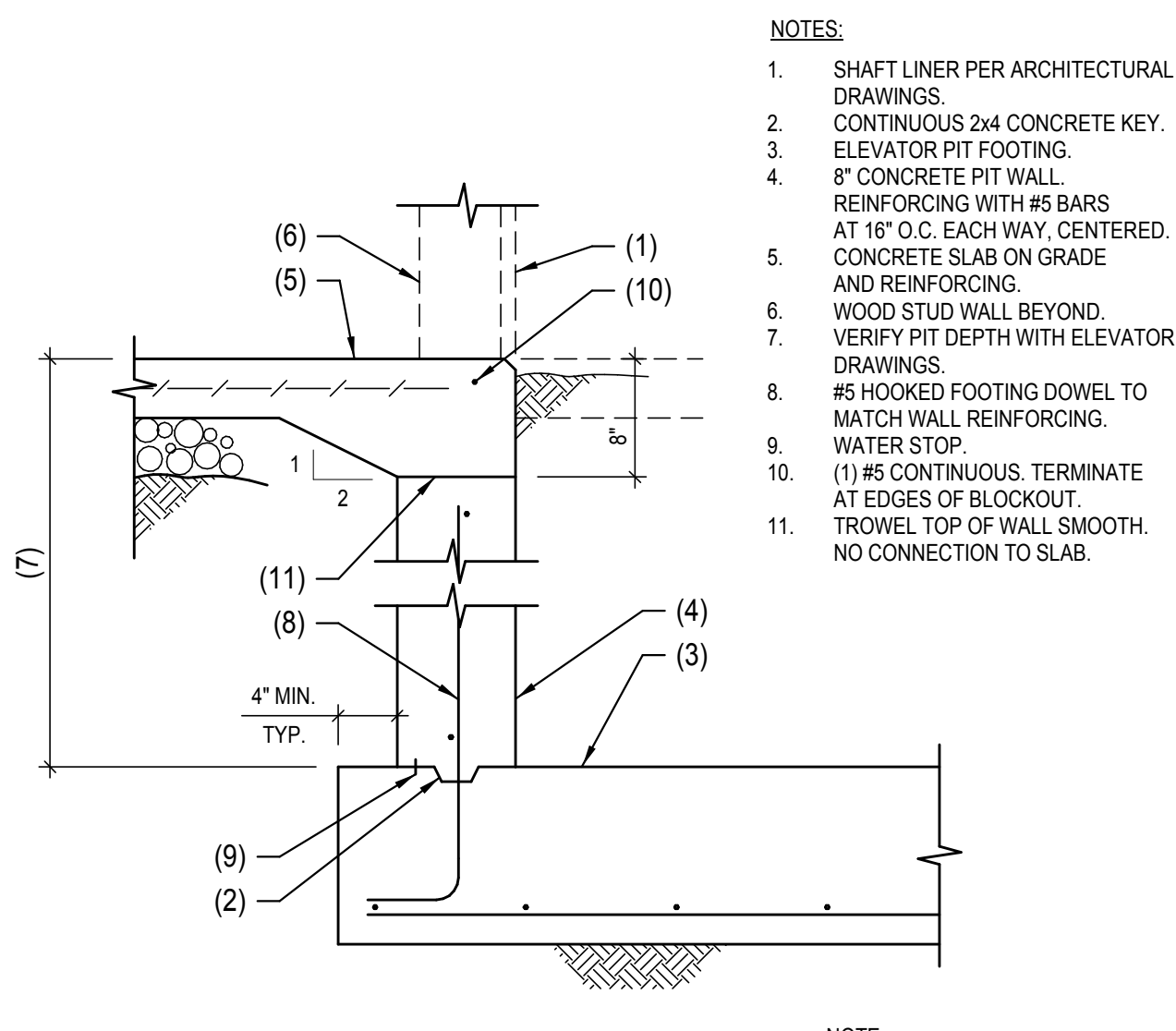
110 WOOD COLUMN AT CONCRETE FOUNDATION
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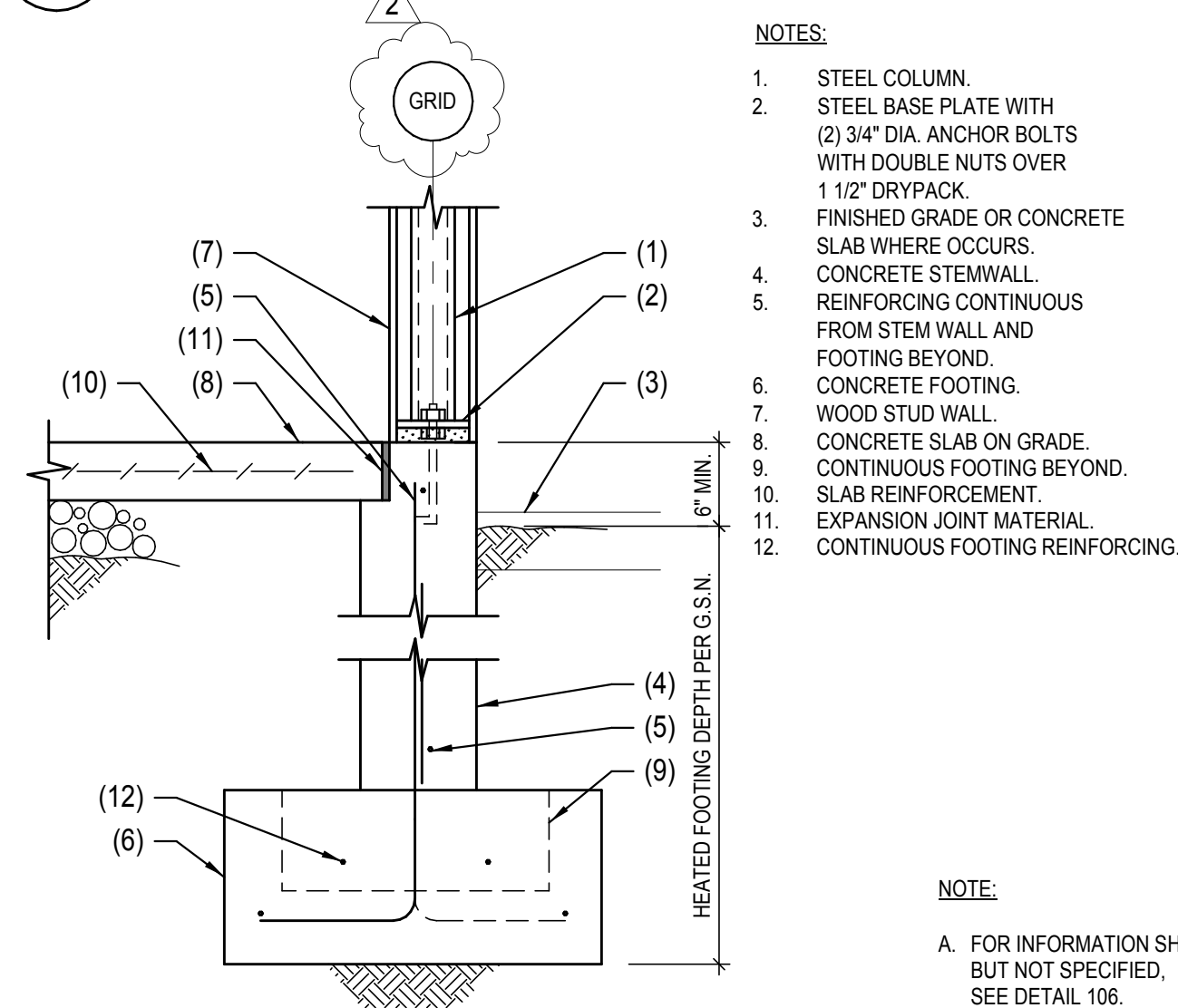
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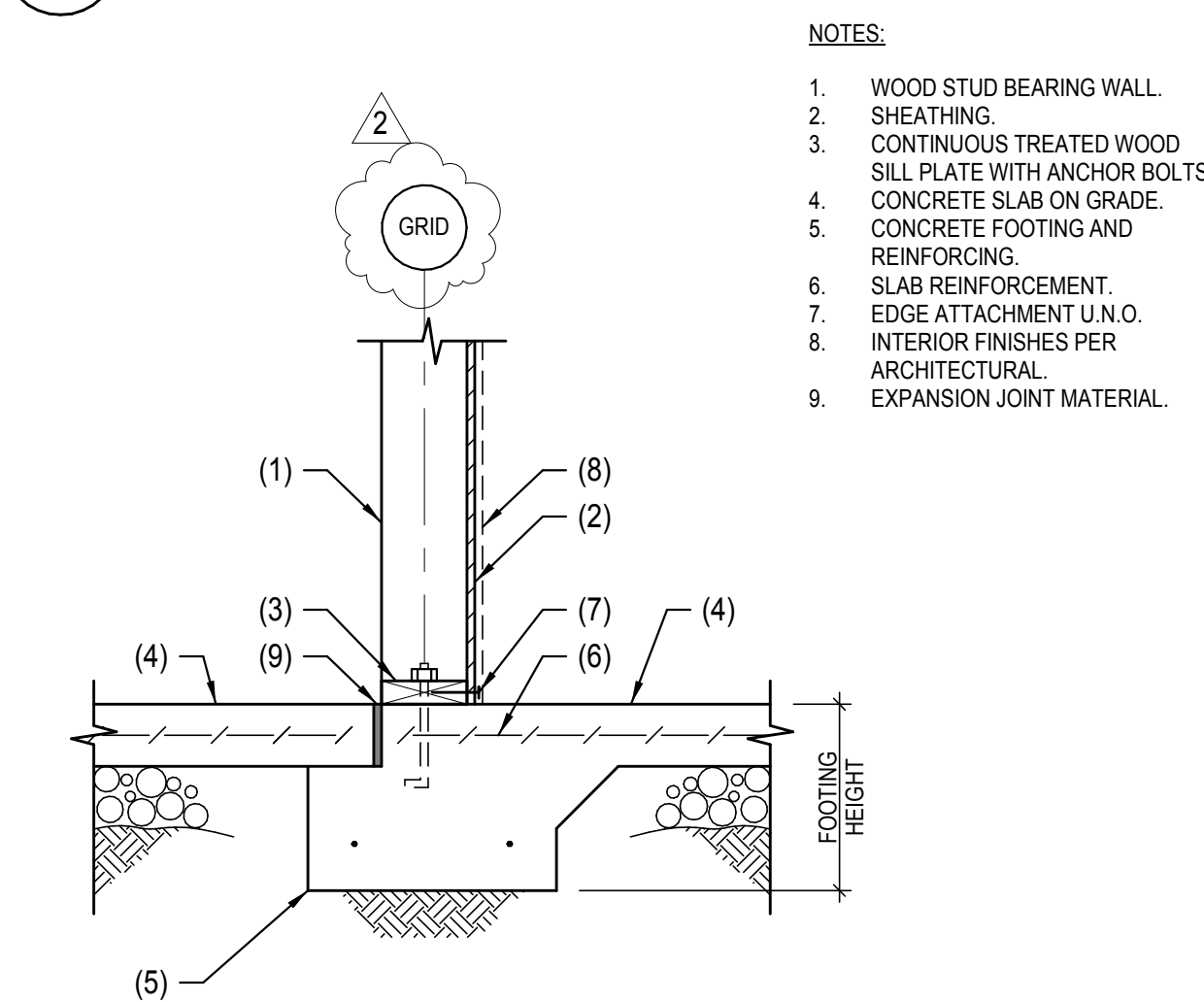
108 ELECTRICAL SWITCH GEAR FOUNDATION AT FOUNDATION WALL
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215156-X-DETAILS-108



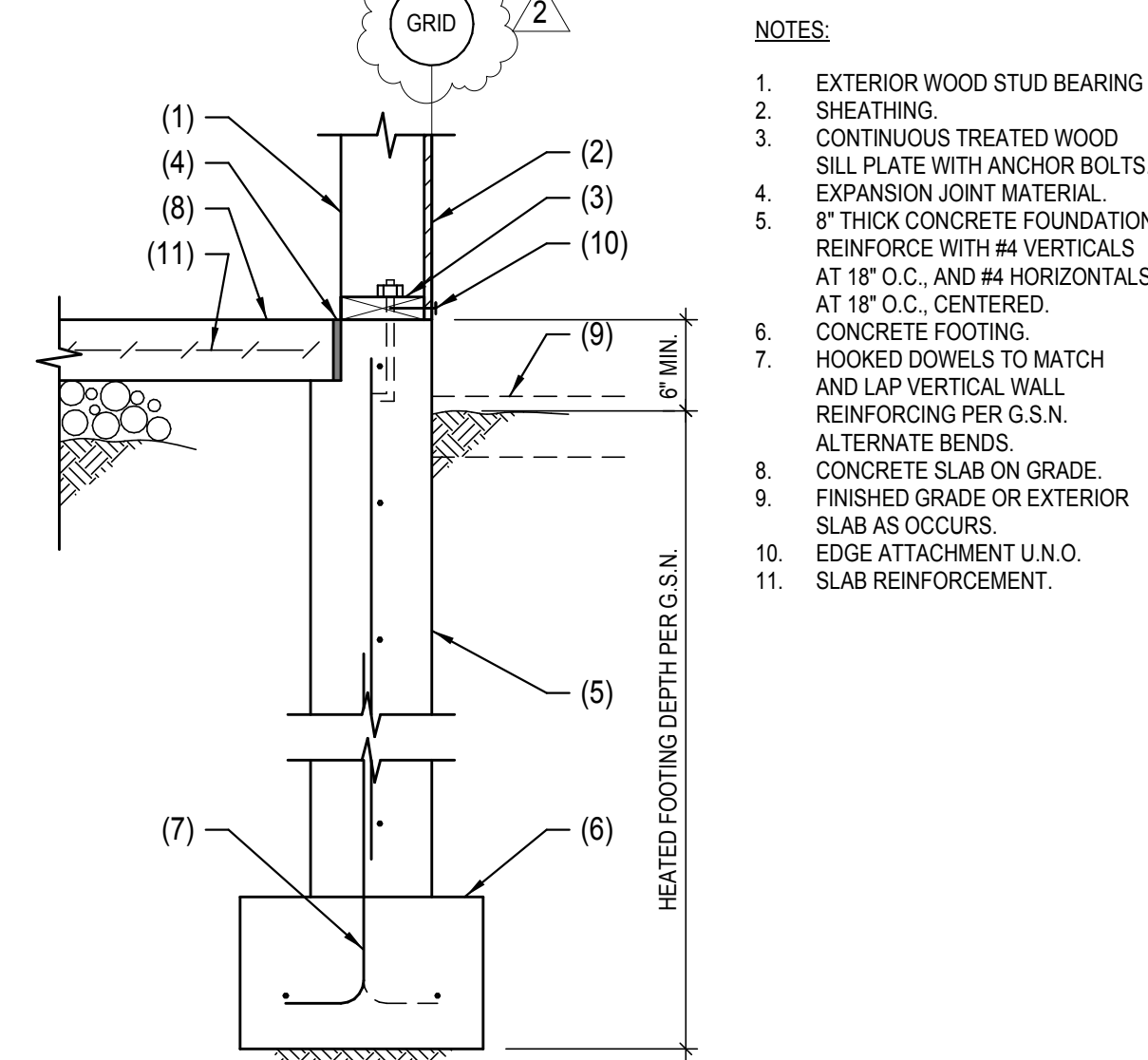
104 OPENING IN WOOD STUD WALL AT ELEVATOR PIT
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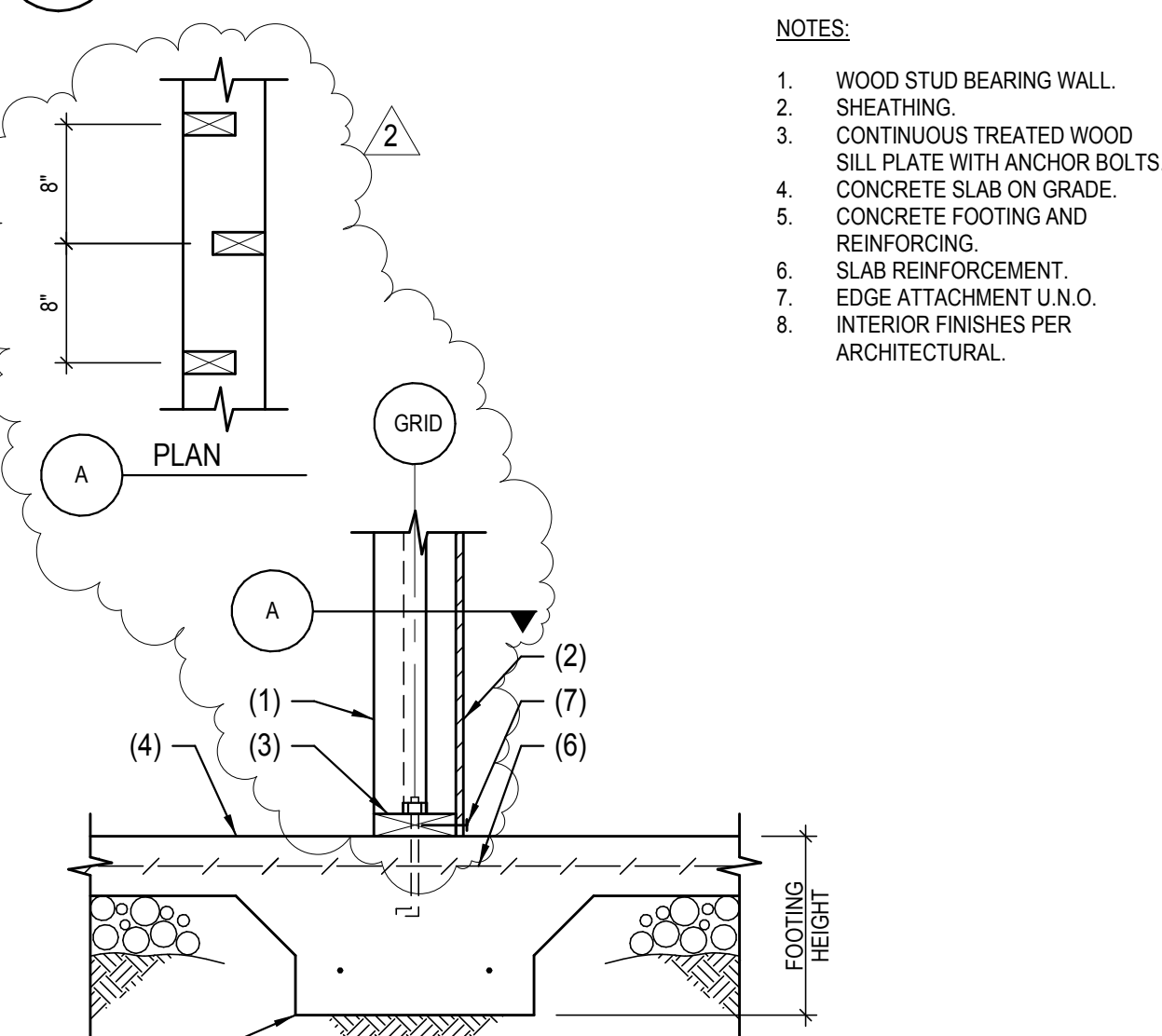
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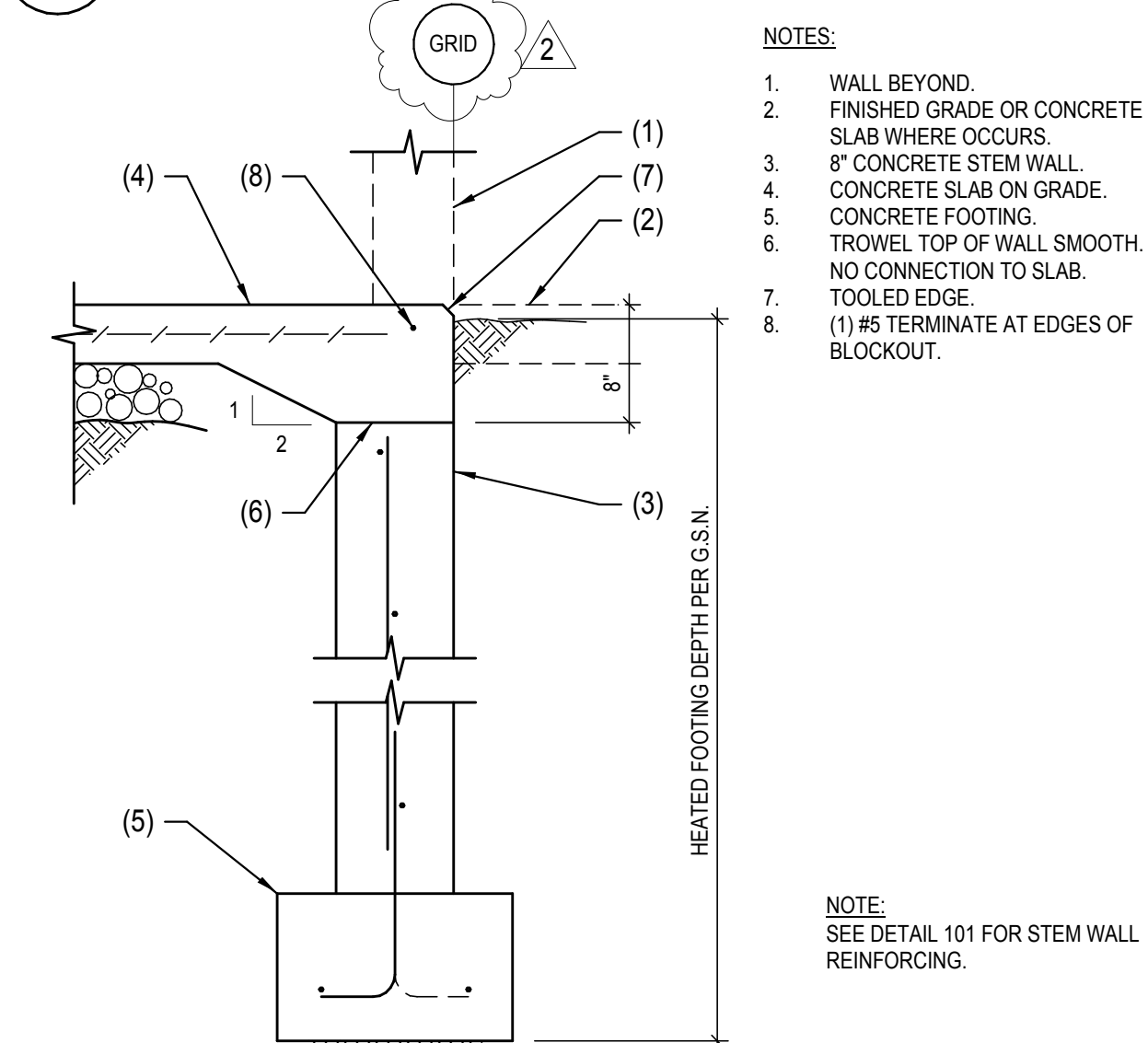
106 INTERIOR WOOD STUD WALL AT CONCRETE FOOTING
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215156-X-DETAILS-106



101 EXTERIOR WOOD STUD WALL AT CONCRETE FOUNDATION WALL
SCALE: NOT TO SCALE
215156-X-DETAILS-101



102 INTERIOR WOOD STUD WALL AT CONCRETE FOOTING
SCALE: NOT TO SCALE
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103 OPENING IN WOOD STUD WALL AT CONCRETE FOUNDATION WALL
SCALE: NOT TO SCALE
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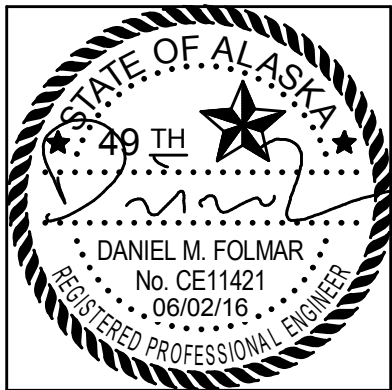
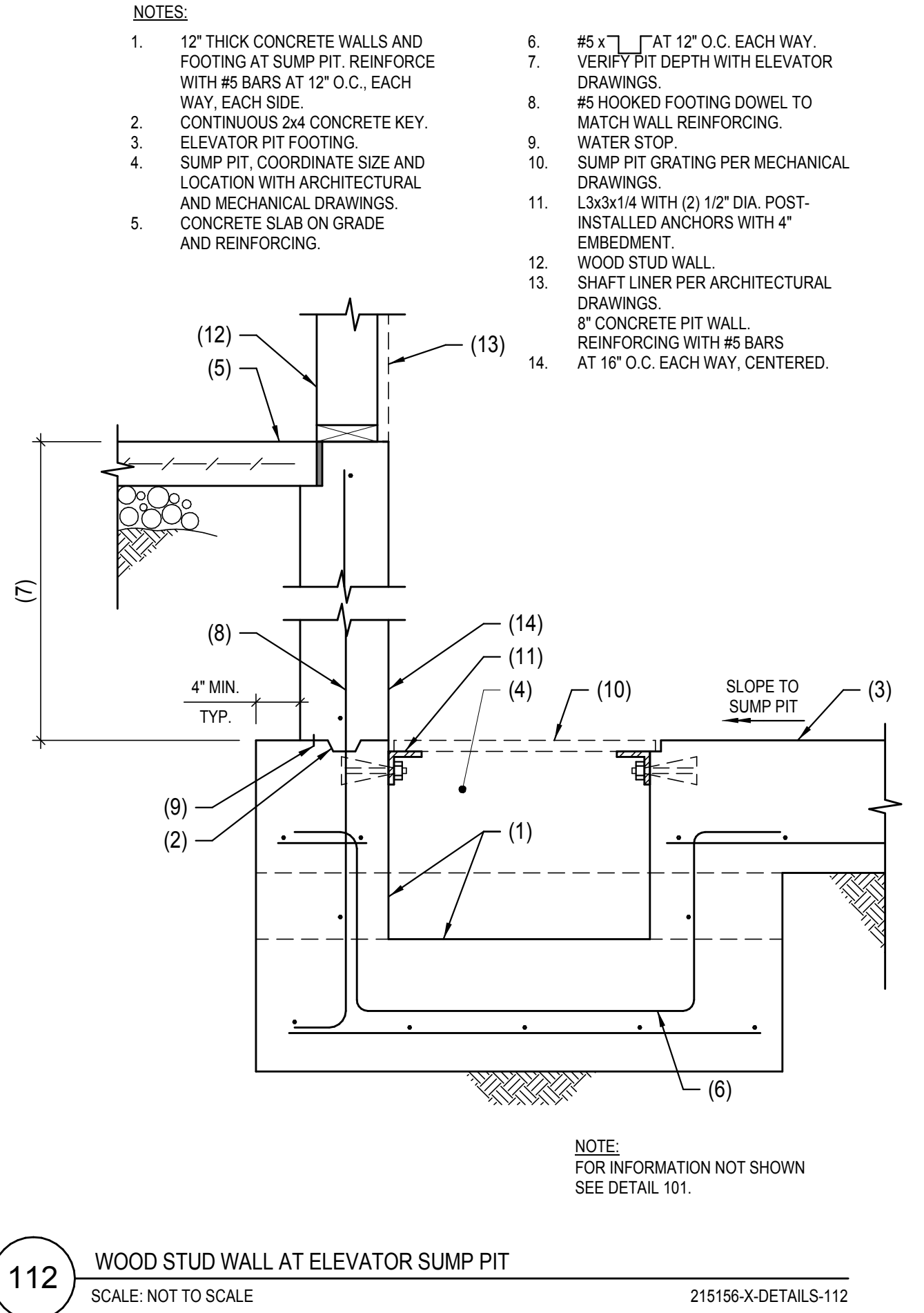
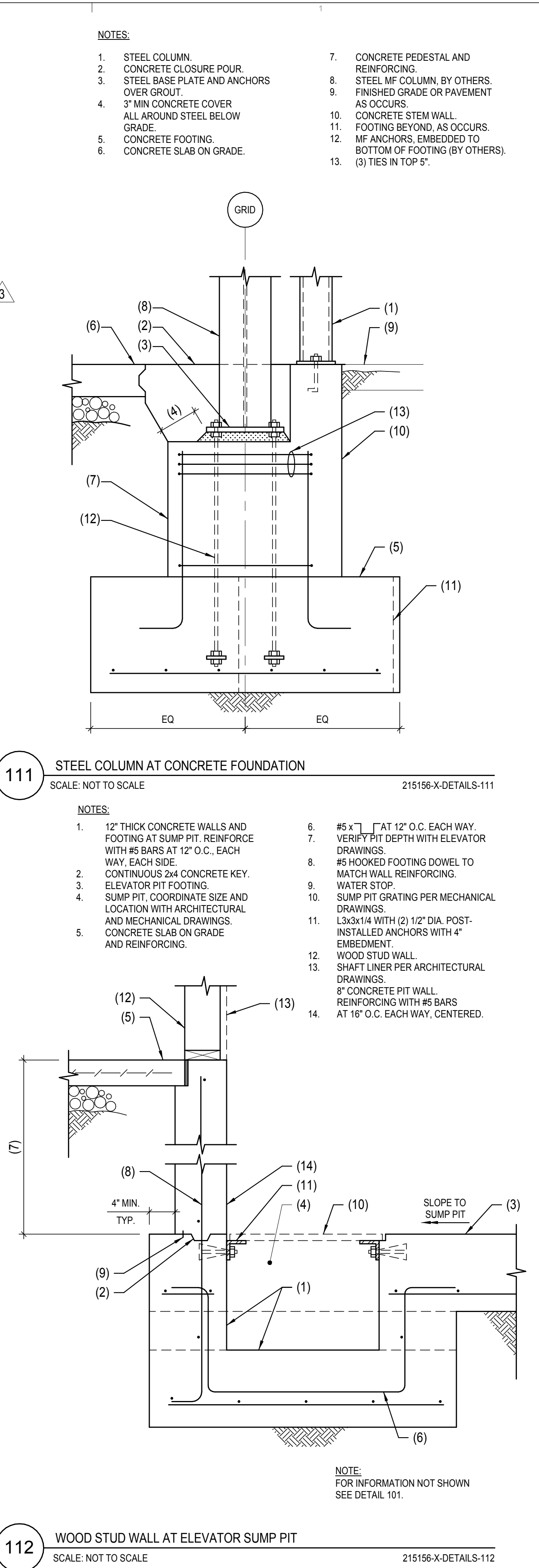
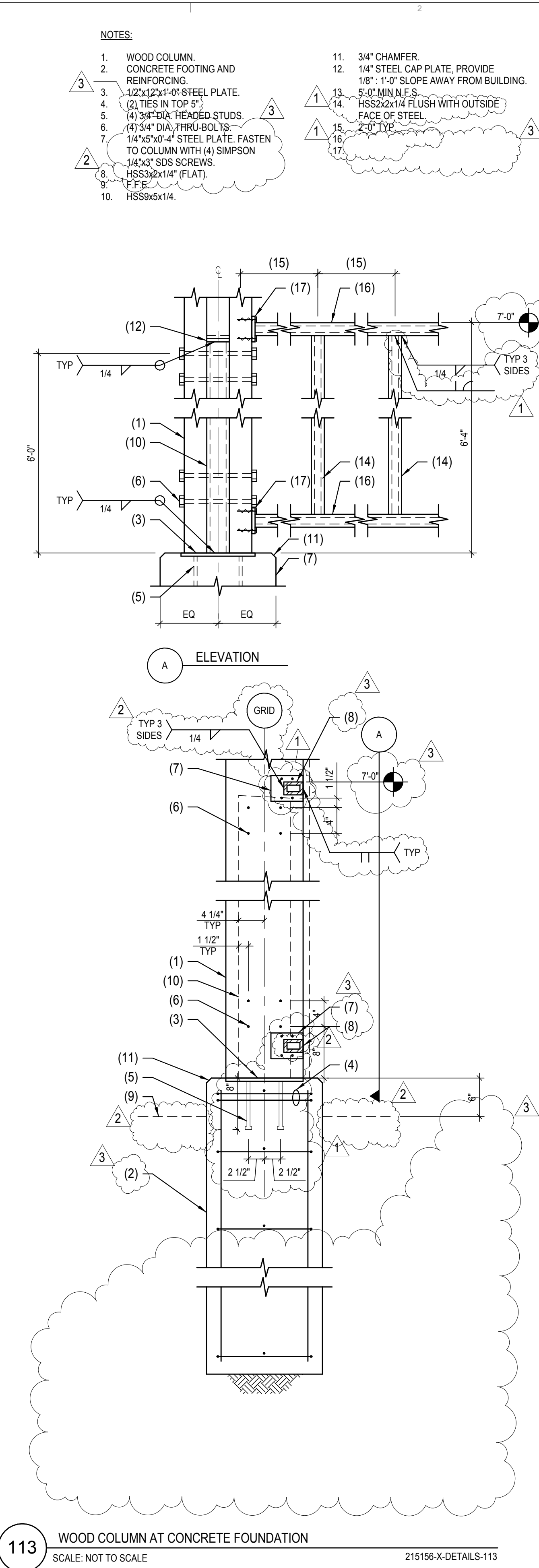
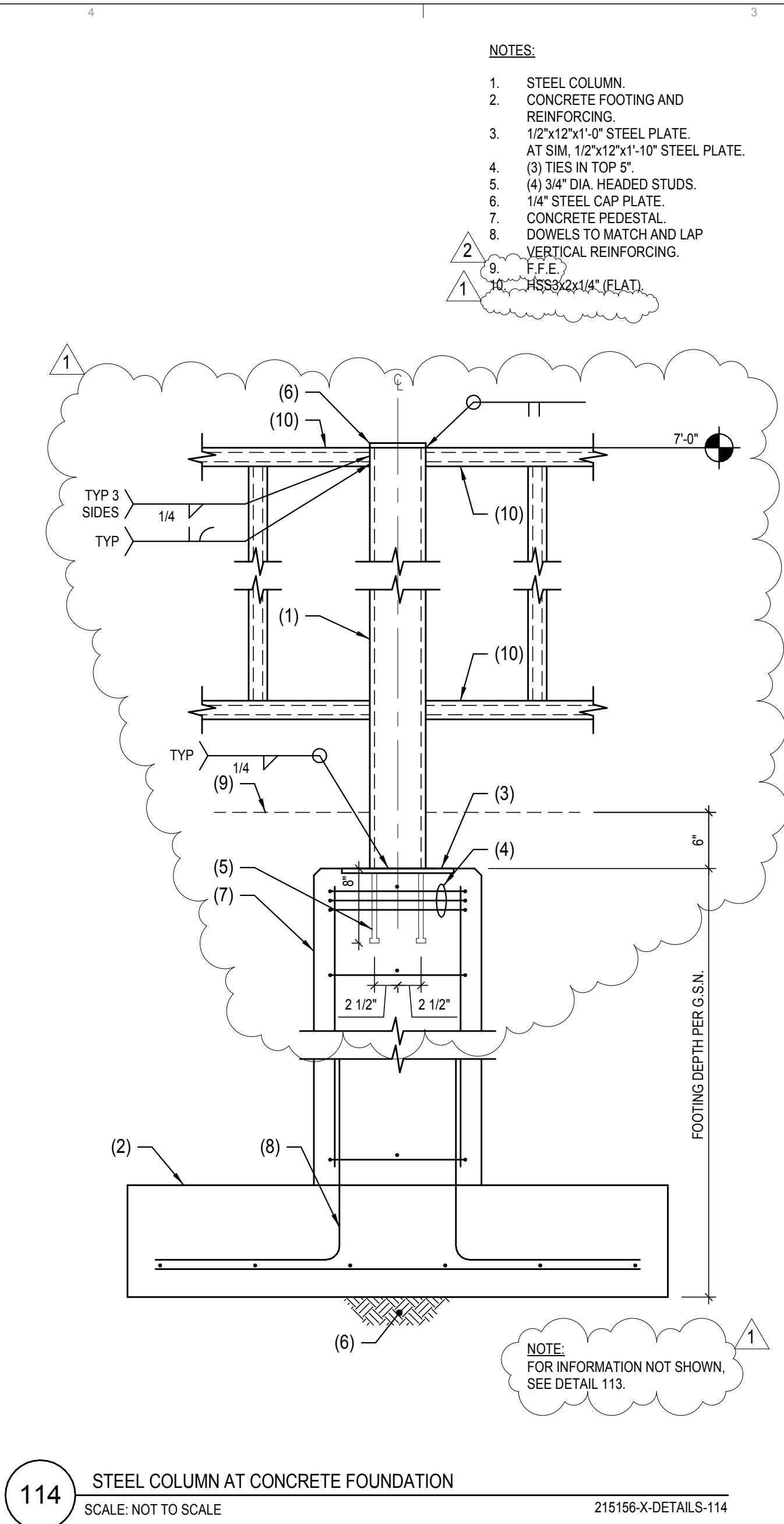
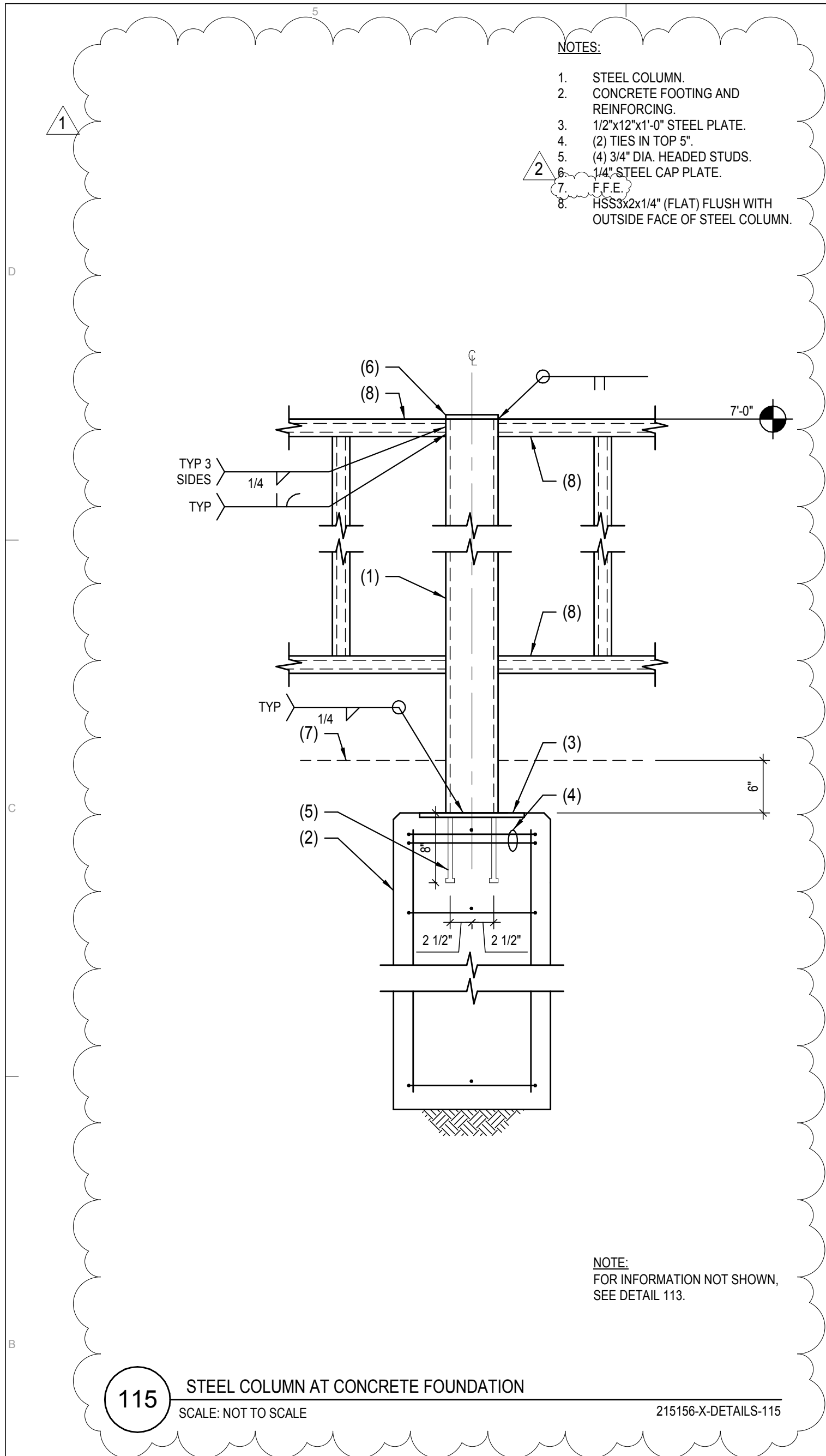
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REVISION SCHEDULE		
#	DESCRIPTION	DATE
2	CONTRACTOR RESPONSE	Date 2

JOB NO. 215156
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REVIEWED ZDS, DMF

SHEET NAME
FOUNDATION DETAILS

SHEET NO.
S3.00



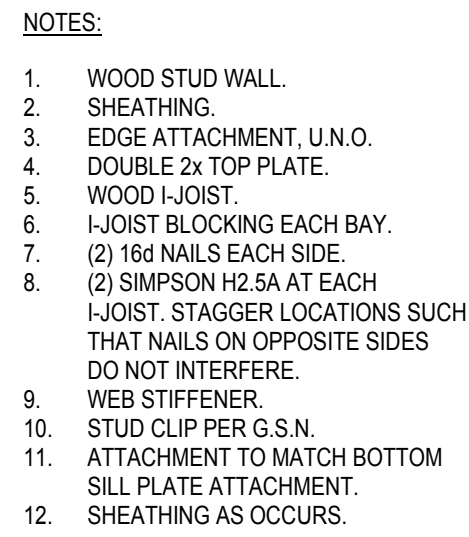
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REVISION SCHEDULE		
#	DESCRIPTION	DATE
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3	MOA RESPONSE	06/02/16

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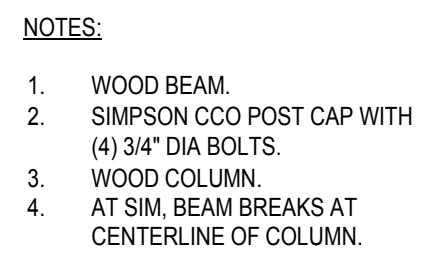
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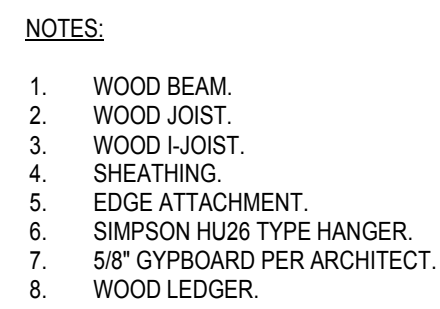
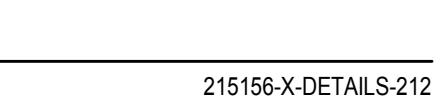


NOTES:

1. WOOD COLUMN.
2. DOUBLE 2x TOP PLATE.
3. CS18x1'-4" STRAP. CENTER STRAP AT SPLICE.
4. WOOD STUDS.
5. WOOD BEAM.
6. RIM BOARD.

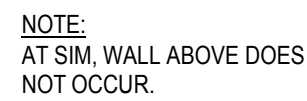


NOTE:
AT SIM, SIMPSON CC TYPE
POST CAP AT WOOD COLUMN.



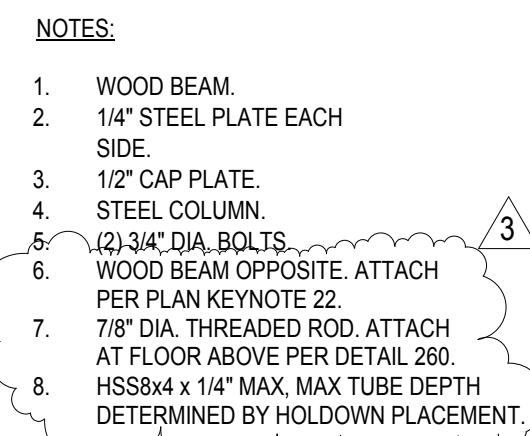
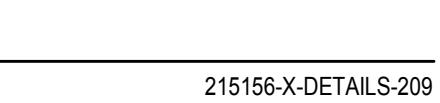
NOTES:

1. WOOD STUD WALL.
2. 2x BOTTOM PLATE.
3. EDGE ATTACHMENT, U.N.O.
4. WOOD JOIST.
5. SHEATHING.
6. DOUBLE 2x TOP PLATE.
7. 1 3/4" LVL OR 2800 RIM BOARD.
8. SIMPSON H26 HANGER.
9. WOOD LEDGER AND ATTACHMENT.
10. WOOD I-JOIST BLOCKING AT 16" O.C.
11. 10d NAILS AT 4" O.C. INTO BLOCKING.
12. WOOD I-JOIST.
13. SIMPSON A35 AT 16" O.C.
14. 5/8" GYPSUM BOARD PER ARCHITECT.
15. (2) 10d NAILS INTO TOP PLATE.



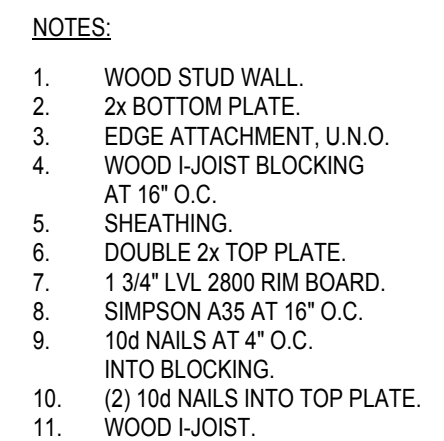
NOTES:

1. WOOD STUD WALL.
2. 2x BLOCKING AT EACH STUD.
3. EDGE ATTACHMENT, U.N.O.
4. WOOD I-JOIST.
5. SHEATHING.
6. DOUBLE 2x TOP PLATE.
7. WOOD LEDGER AND ATTACHMENT.
8. 10d NAILS AT 4" O.C.
INTO BLOCKING.
9. SIMPSON H6 TIE AT 32" O.C.
UNDER SHEATHING.
10. WOOD I-JOIST BLOCKING AT
16" O.C.

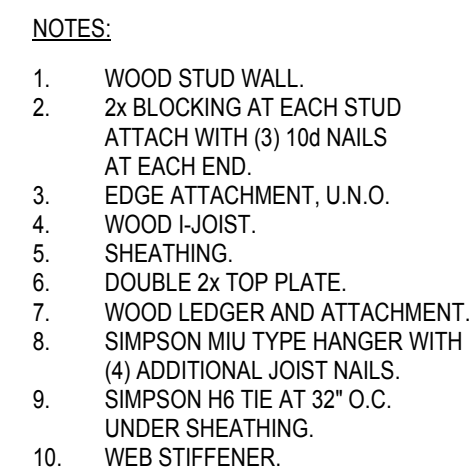
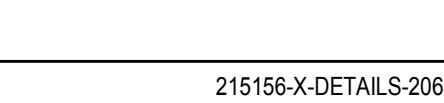


NOTES:

1. WOOD STUD WALL.
2. SHEATHING.
3. 1 3/4" LVL 2800 BLOCKING.
4. DOUBLE 2x TOP PLATE.
5. WOOD JOIST.
6. EDGE ATTACHMENT, U.N.O.
7. (2) SIMPSON A35 CLIPS ON EACH SIDE OF BLOCKING AT 8' O.C.
8. BOTTOM SILL PLATE ATTACHMENT.
9. SHEATHING AS OCCURS.

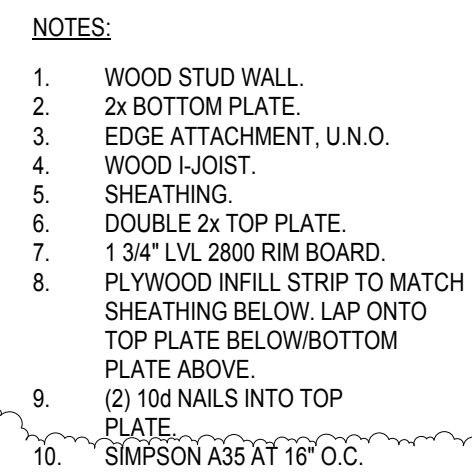


215156-X-DETAILS-206

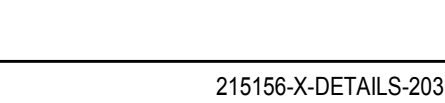


NOTES:

1. EDGE ATTACHMENT U.N.O.
2. SHEATHING.
3. WOOD BEAM.
4. WOOD I-JOIST.
5. SIMPSON MIU TYPE HANGER.
6. WOOD STUD WALL.
7. STRAP AS OCCURS.



215156-X-DETAILS-203



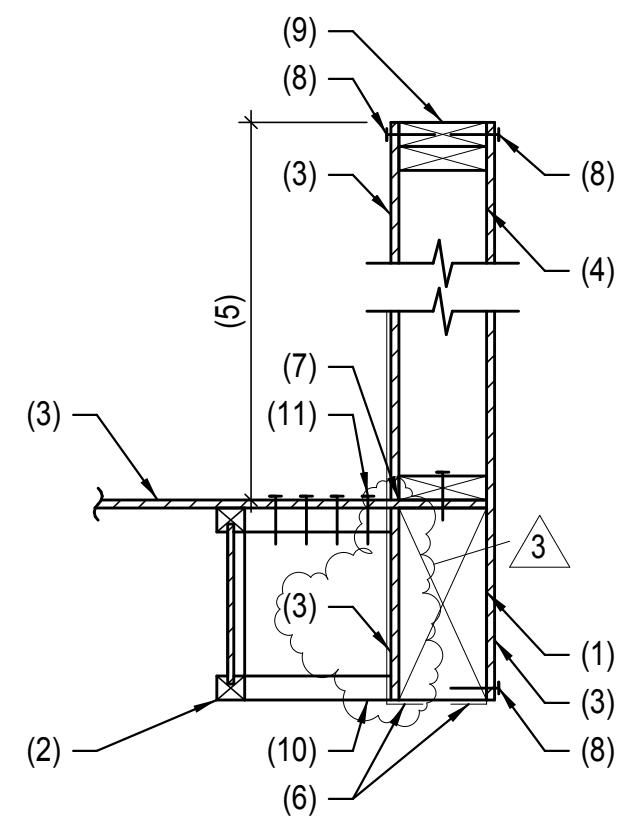
REVISION SCHEDULE	
DESCRIPTION	DATE
CONTRACTOR RESPONSE	Date 2
MOA RESPONSE	06/02/16

OB NO.	215156
DATE	04.11.2016
DRAWN	MEH
REVIEWED	ZDS, DMF

HEET NAME
FRAMING DETAILS

HEET NO.

S4.00



NOTES:

1. WOOD BEAM.
2. WOOD I-JOIST.
3. SHEATHING.
4. WOOD STUD PARAPET WALL.
5. PER ARCHITECTURAL 4'-0" MAX.
6. SIMPSON MSTC48B3 AT 32" O.C.
7. INSTALL DOUBLE 2x STUDS AT STRAP LOCATION. INSTALL STRAPS WITH (12) 10d NAILS TO BEAM, (4) 10d NAILS AT THE BOTTOM END, USE (38) 10d NAILS AT STUDS.
8. INSTALL STRAP WITH ONE END INSERTED THROUGH SMALL SLIT IN ROOF SHEATHING.
9. EDGE ATTACHMENT, U.N.O.
10. DOUBLE 2x TOP PLATE.
11. WOOD I-JOIST BLOCKING.
12. 10d NAILS AT 4" O.C. INTO BLOCKING.

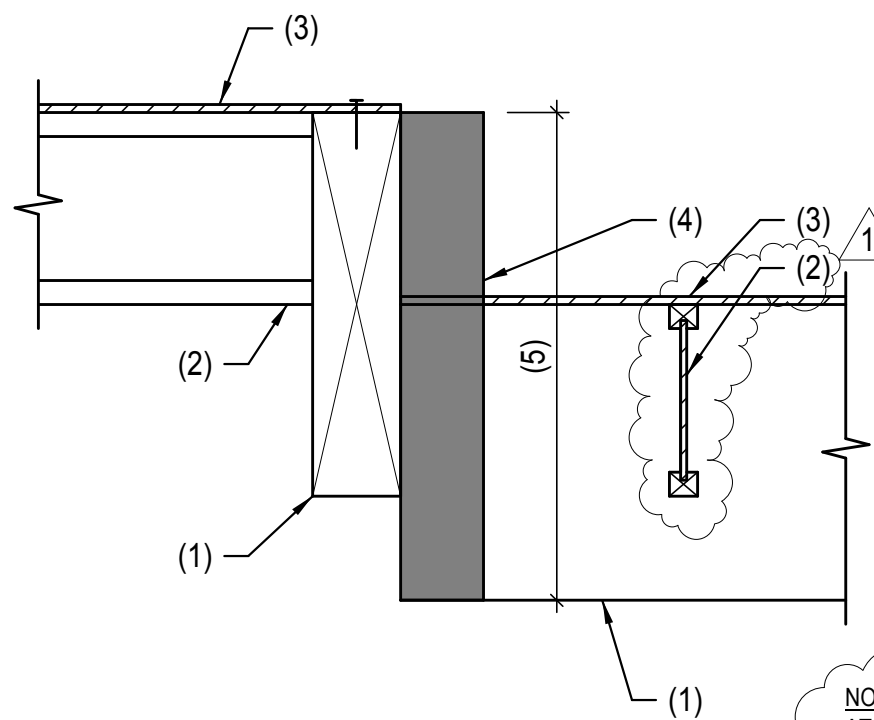
NOTE:
AT SIM. NO WOOD PARAPET WALL. STOREFRONT IS THE PARAPET STRUCTURE.

220 WOOD PARAPET AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-220

NOTES:

1. WOOD BEAM.
2. WOOD I-JOIST.
3. SHEATHING.
4. SKEWED SIMPSON HWH HANGER.
5. HANGER HEIGHT = 29".



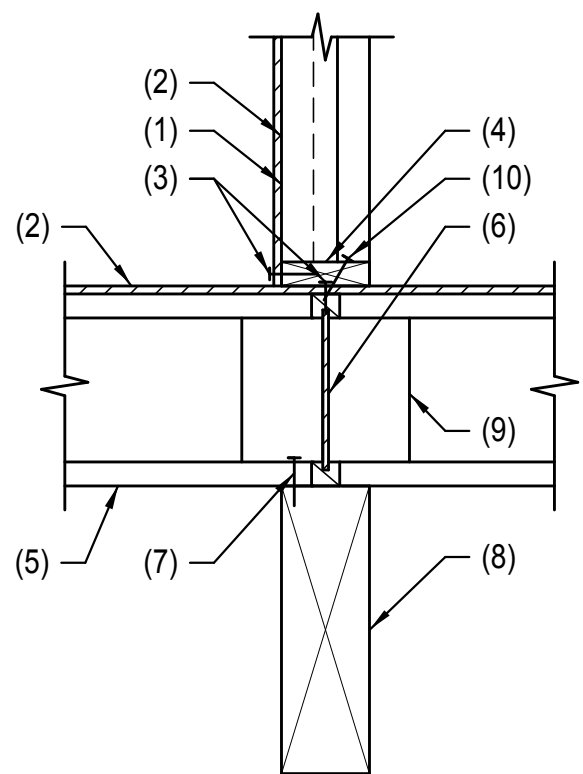
NOTE:
AT SIM. STEEL JOIST AND STEEL DECK.

221 WOOD DECK BEAM AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-221

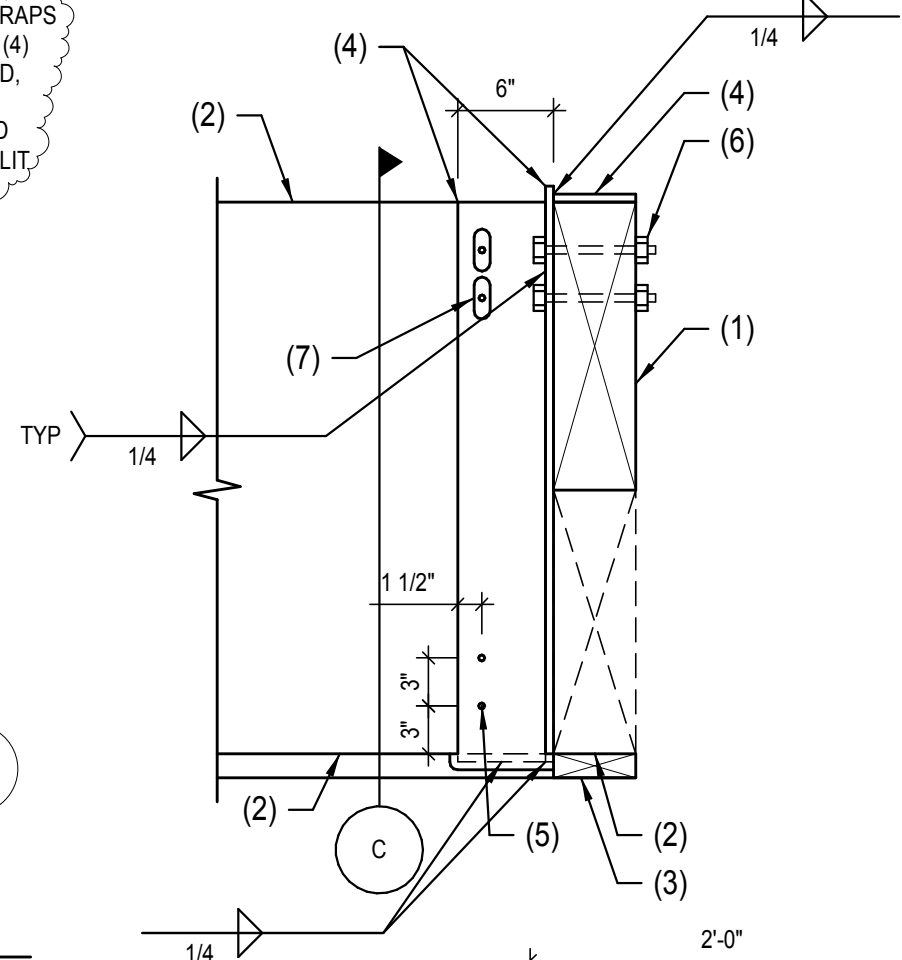
NOTES:

1. WOOD STUD WALL.
2. SHEATHING.
3. EDGE ATTACHMENT, U.N.O.
4. 2x BOTTOM PLATE.
5. WOOD I-JOIST.
6. I-JOIST BLOCKING EACH BAY.
7. (2) 18d NAILS EACH SIDE.
8. WOOD BEAM.
9. WEB FILLER.
10. 10d NAILS AT 4" O.C.



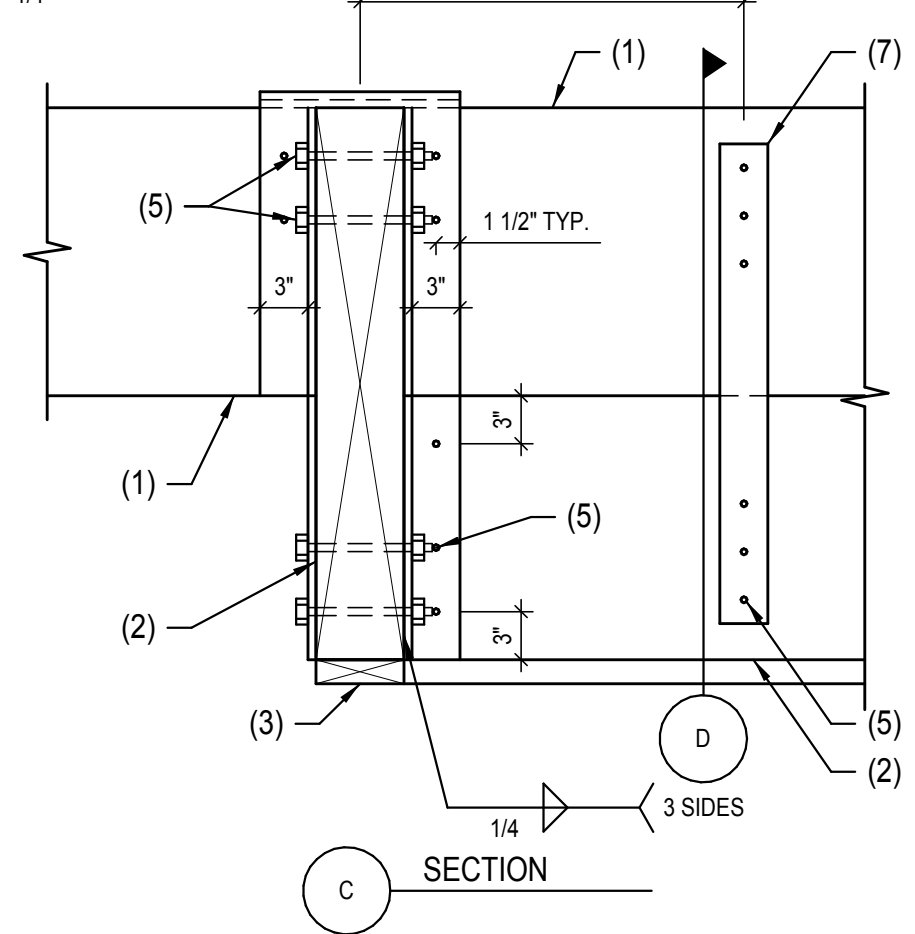
222 WOOD I-JOIST AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-222



NOTES:

1. WOOD BEAM.
2. WOOD HEADER.
3. 2x STOREFRONT SUPPORT MEMBERS. ATTACH TO HEADER WITH (2) SIMPSON 1/4"x2" SDS SCREWS AT 6" O.C. RIP TO MATCH BEAM WIDTH.
4. 1/2" STEEL PLATE.
5. (3) 3/4" DIA. THRU BOLTS EVENLY SPACED.
6. (2) 3/4" DIA. THRU BOLTS.
7. SHORT SLOTTED HOLE.



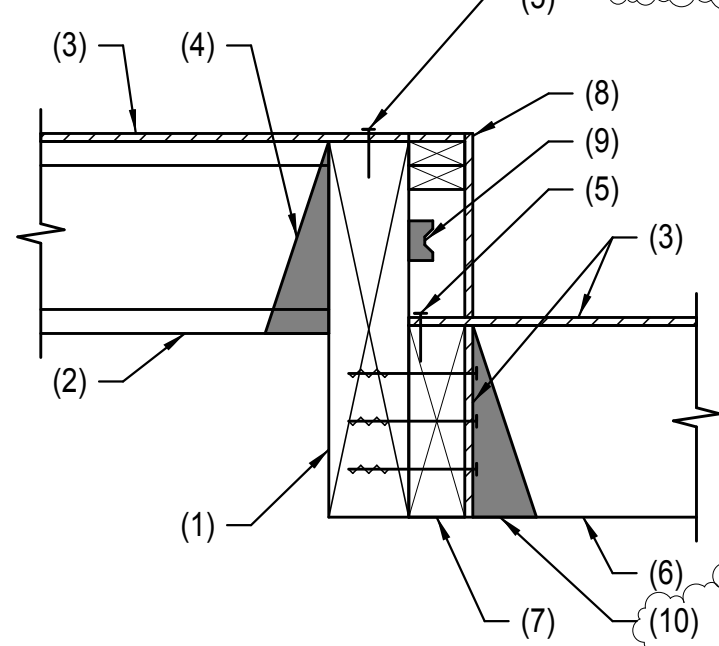
NOTE:
A. AT SIM. WOOD HEADER ON BOTH SIDES OF WOOD BEAM.
B. WALLS AND SHEATHING NOT SHOWN FOR CLARITY.

216 WOOD BEAM AND WOOD CANOPY BEAM AT STEEL COLUMN
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. WOOD I-JOIST.
3. SHEATHING.
4. SIMPSON IUS TYPE HANGER.
5. EDGE ATTACHMENT, U.N.O.
6. WOOD JOIST.
7. WOOD LEDGER AND ATTACHMENT.
8. WOOD STUD STORE FRONT SUPPORT WALL AS OCCURS.
9. SIMPSON A34 CLIP AT 16" O.C.
10. SKEWED SIMPSON HU TYPE HANGER.



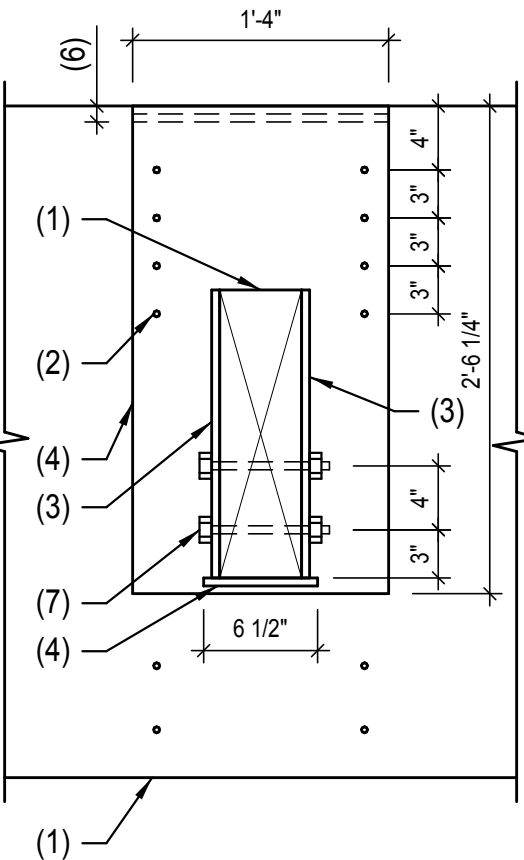
NOTE:
AT SIM. NO WOOD STUD STORE FRONT SUPPORT WALL.

217 DECK JOIST AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. (8) 1" DIA. THRU BOLTS.
3. 1/4" STEEL PLATE.
4. 1/2" STEEL PLATE.
5. 1" STEEL PLATE.
6. DAP BEAM 1 1/2" MAX AT CONNECTION.
7. (2) 1" DIA. BOLTS.
8. (2) 1" DIA. THRU BOLTS, EACH SIDE, IN SHORT SLOTTED HOLES, WITH PLATE WASHERS ON BACK SIDE.

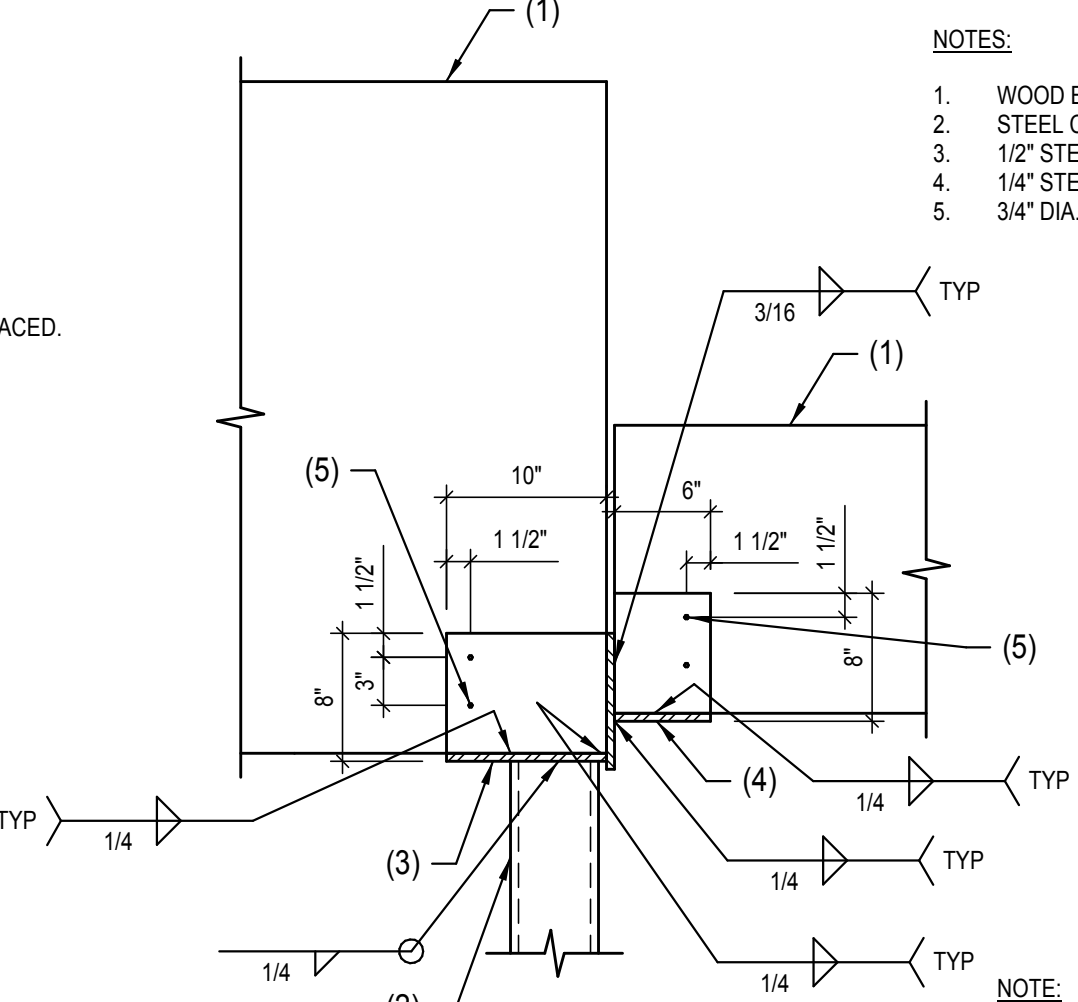


218 WOOD BEAMS AT WOOD GIRDER
SCALE: NOT TO SCALE

215156-X-DETAILS-218

NOTES:

1. WOOD BEAM.
2. STEEL COLUMN.
3. 1/2" STEEL PLATE.
4. 1/4" STEEL PLATE.
5. 3/4" DIA. THRU BOLTS.



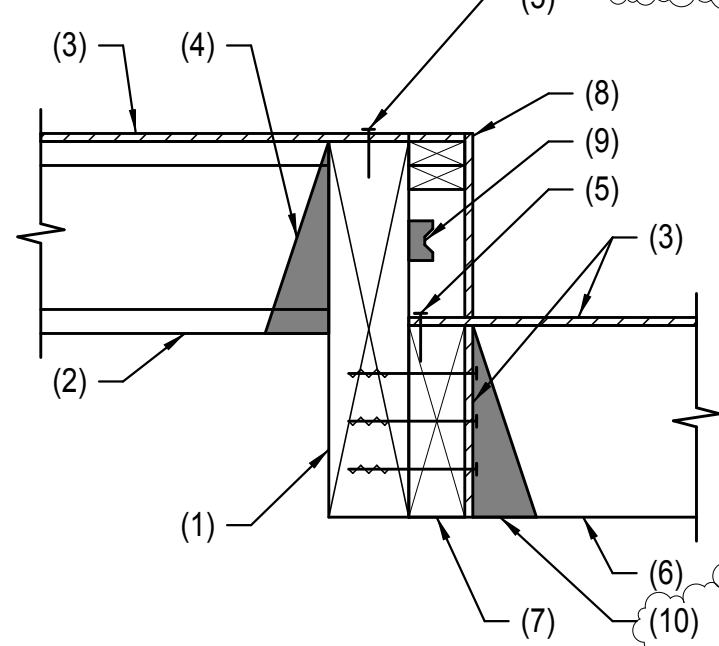
NOTE:
WOOD STUD WALLS AND FLOOR SHEATHING NOT SHOWN FOR CLARITY.

216 WOOD BEAM AND WOOD CANOPY BEAM AT STEEL COLUMN
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. WOOD I-JOIST.
3. SHEATHING.
4. SIMPSON IUS TYPE HANGER.
5. EDGE ATTACHMENT, U.N.O.
6. WOOD JOIST.
7. WOOD LEDGER AND ATTACHMENT.
8. WOOD STUD STORE FRONT SUPPORT WALL AS OCCURS.
9. SIMPSON A34 CLIP AT 16" O.C.
10. SKEWED SIMPSON HU TYPE HANGER.



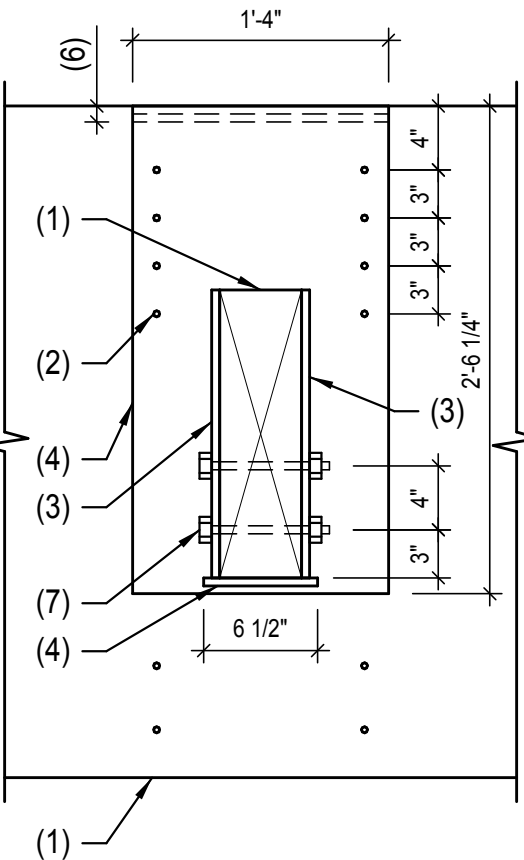
NOTE:
AT SIM. NO WOOD STUD STORE FRONT SUPPORT WALL.

217 DECK JOIST AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. (8) 1" DIA. THRU BOLTS.
3. 1/4" STEEL PLATE.
4. 1/2" STEEL PLATE.
5. 1" STEEL PLATE.
6. DAP BEAM 1 1/2" MAX AT CONNECTION.
7. (2) 1" DIA. BOLTS.
8. (2) 1" DIA. THRU BOLTS, EACH SIDE, IN SHORT SLOTTED HOLES, WITH PLATE WASHERS ON BACK SIDE.

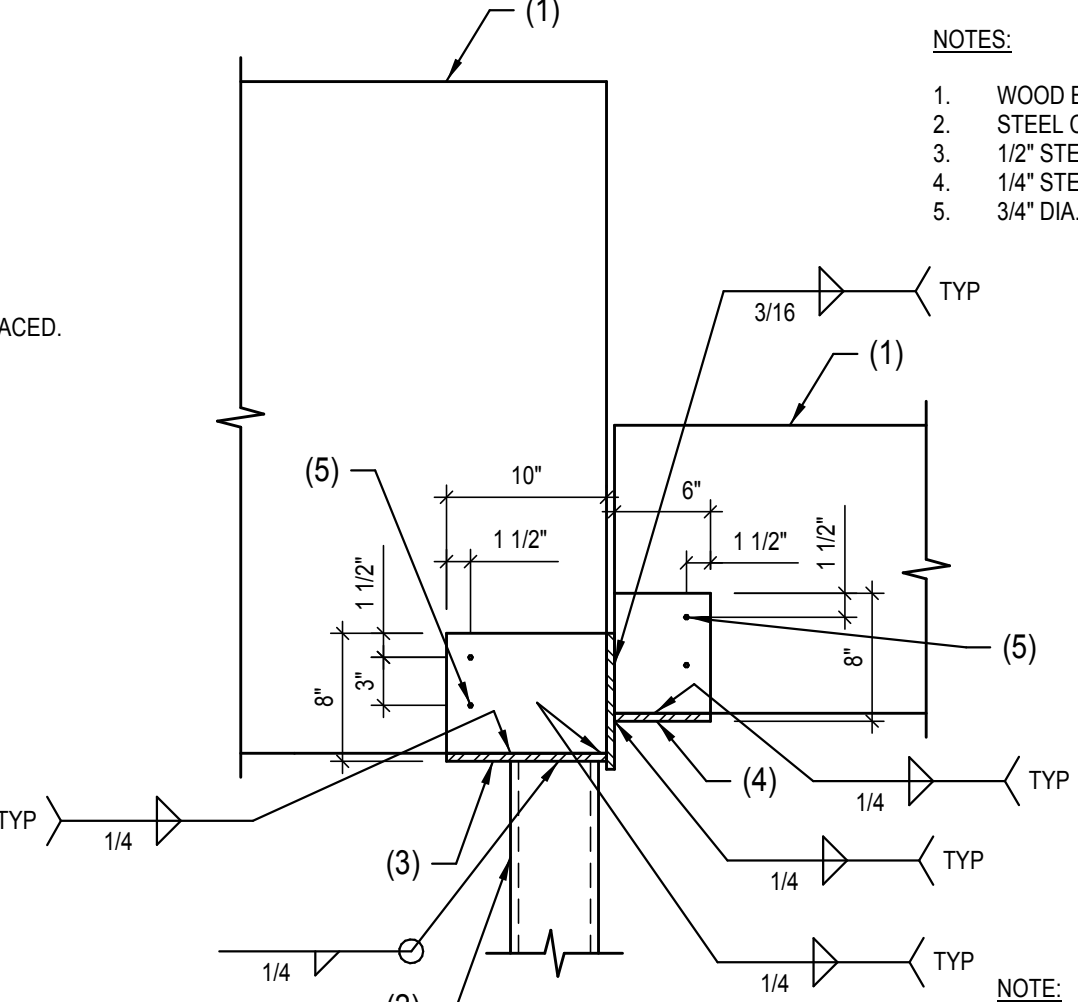


218 WOOD BEAMS AT WOOD GIRDER
SCALE: NOT TO SCALE

215156-X-DETAILS-218

NOTES:

1. WOOD BEAM.
2. STEEL COLUMN.
3. 1/2" STEEL PLATE.
4. 1/4" STEEL PLATE.
5. 3/4" DIA. THRU BOLTS.



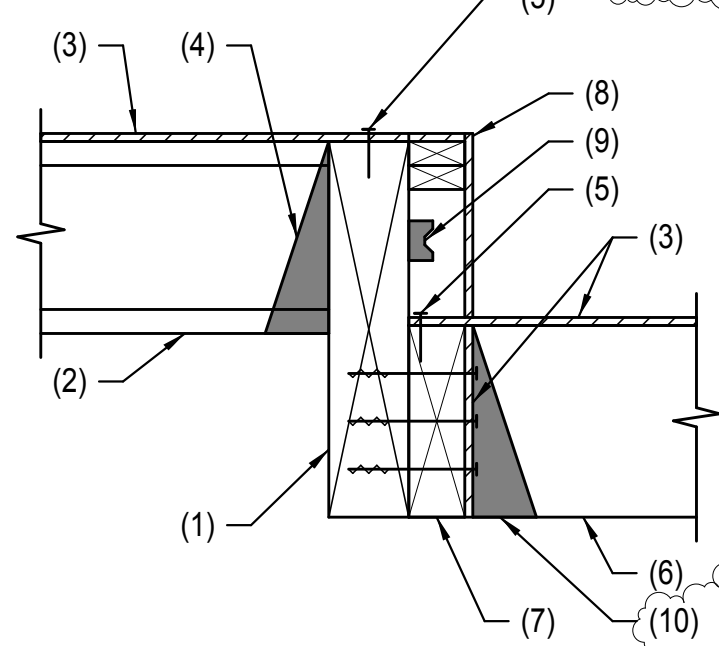
NOTE:
WOOD STUD WALLS AND FLOOR SHEATHING NOT SHOWN FOR CLARITY.

216 WOOD BEAM AND WOOD CANOPY BEAM AT STEEL COLUMN
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. WOOD I-JOIST.
3. SHEATHING.
4. SIMPSON IUS TYPE HANGER.
5. EDGE ATTACHMENT, U.N.O.
6. WOOD JOIST.
7. WOOD LEDGER AND ATTACHMENT.
8. WOOD STUD STORE FRONT SUPPORT WALL AS OCCURS.
9. SIMPSON A34 CLIP AT 16" O.C.
10. SKEWED SIMPSON HU TYPE HANGER.



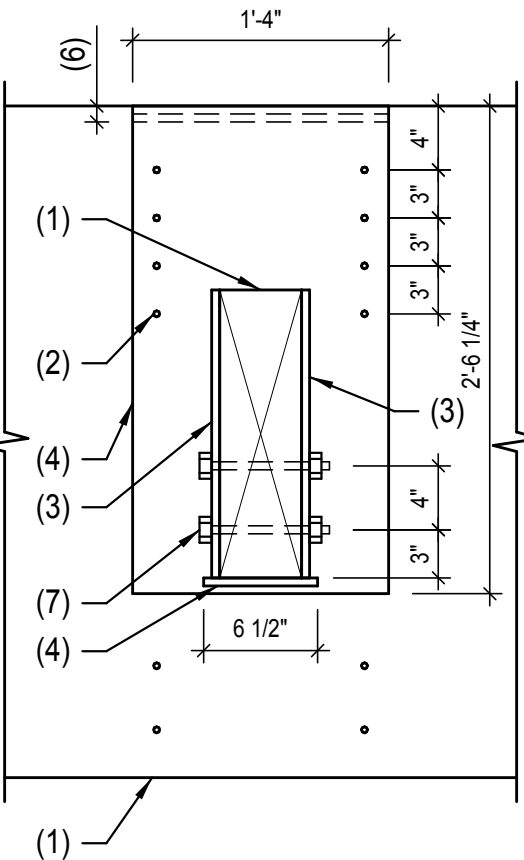
NOTE:
AT SIM. NO WOOD STUD STORE FRONT SUPPORT WALL.

217 DECK JOIST AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. (8) 1" DIA. THRU BOLTS.
3. 1/4" STEEL PLATE.
4. 1/2" STEEL PLATE.
5. 1" STEEL PLATE.
6. DAP BEAM 1 1/2" MAX AT CONNECTION.
7. (2) 1" DIA. BOLTS.
8. (2) 1" DIA. THRU BOLTS, EACH SIDE, IN SHORT SLOTTED HOLES, WITH PLATE WASHERS ON BACK SIDE.

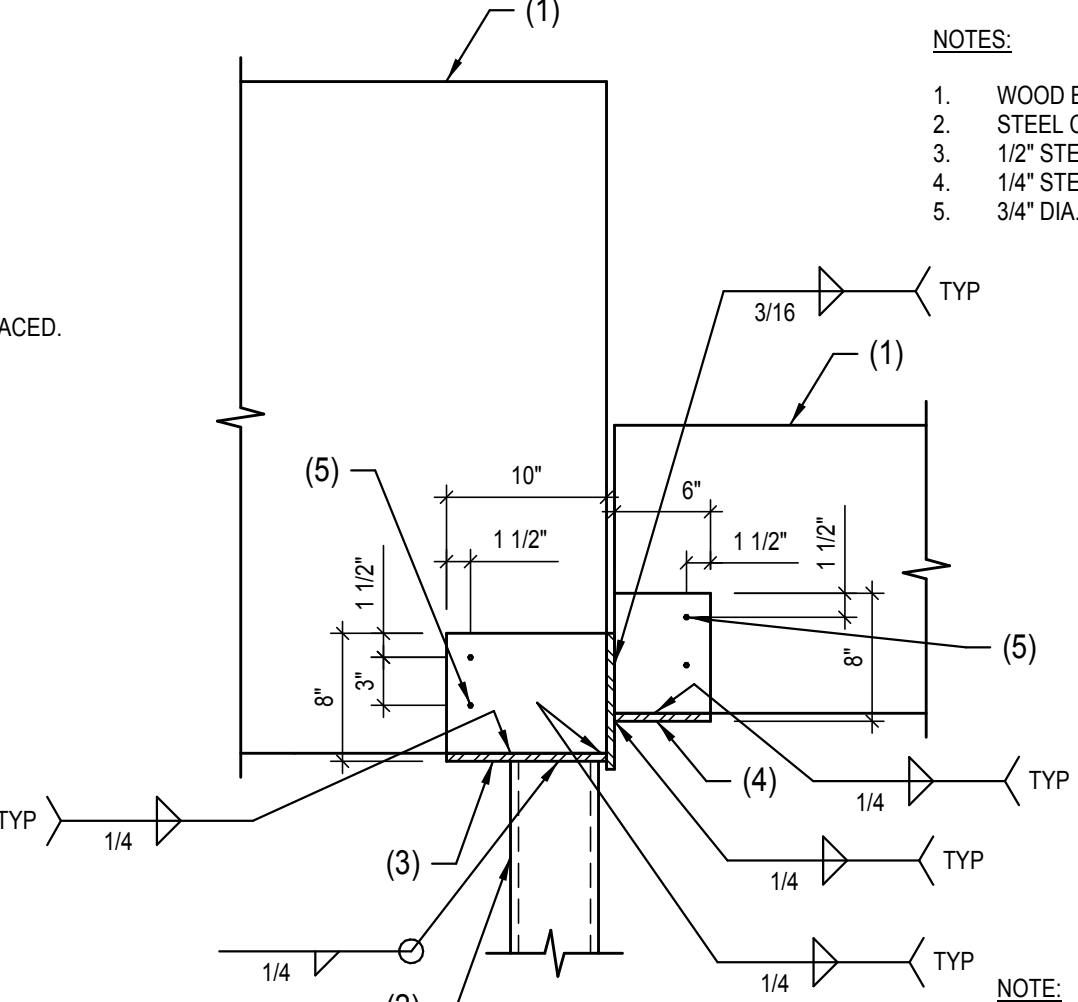


218 WOOD BEAMS AT WOOD GIRDER
SCALE: NOT TO SCALE

215156-X-DETAILS-218

NOTES:

1. WOOD BEAM.
2. STEEL COLUMN.
3. 1/2" STEEL PLATE.
4. 1/4" STEEL PLATE.
5. 3/4" DIA. THRU BOLTS.



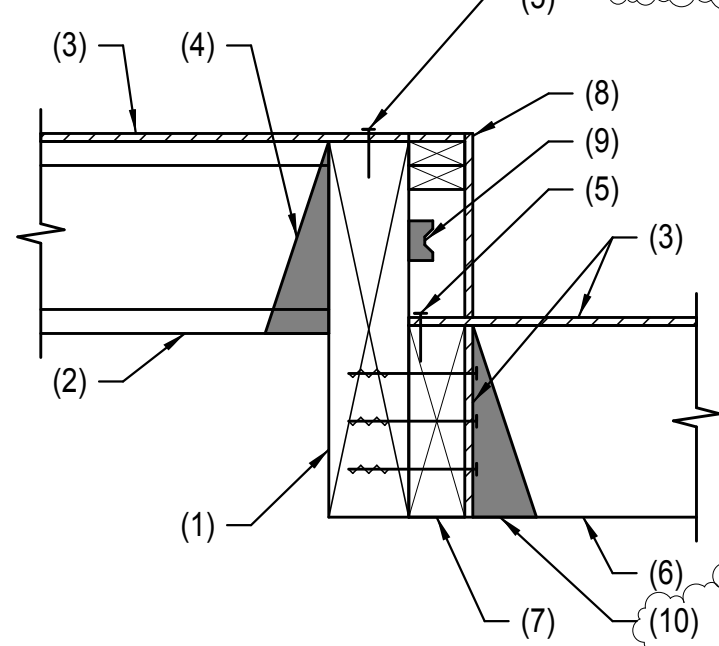
NOTE:
WOOD STUD WALLS AND FLOOR SHEATHING NOT SHOWN FOR CLARITY.

216 WOOD BEAM AND WOOD CANOPY BEAM AT STEEL COLUMN
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. WOOD I-JOIST.
3. SHEATHING.
4. SIMPSON IUS TYPE HANGER.
5. EDGE ATTACHMENT, U.N.O.
6. WOOD JOIST.
7. WOOD LEDGER AND ATTACHMENT.
8. WOOD STUD STORE FRONT SUPPORT WALL AS OCCURS.
9. SIMPSON A34 CLIP AT 16" O.C.
10. SKEWED SIMPSON HU TYPE HANGER.



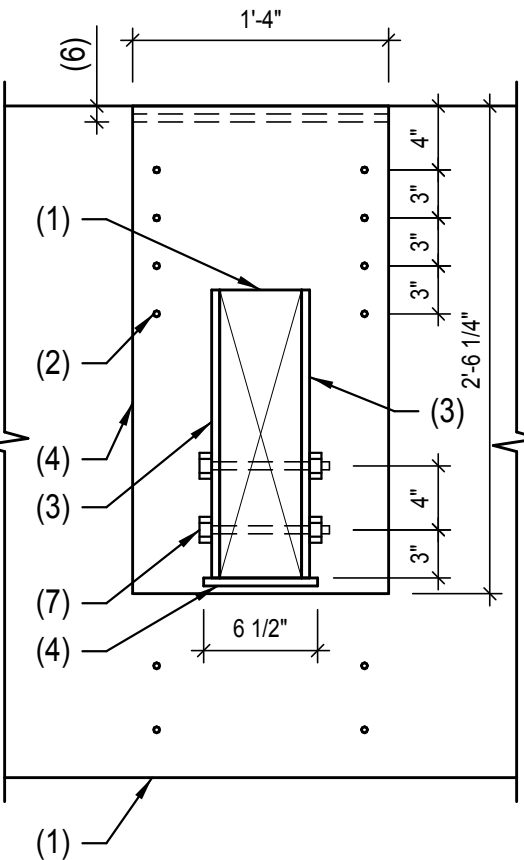
NOTE:
AT SIM. NO WOOD STUD STORE FRONT SUPPORT WALL.

217 DECK JOIST AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. (8) 1" DIA. THRU BOLTS.
3. 1/4" STEEL PLATE.
4. 1/2" STEEL PLATE.
5. 1" STEEL PLATE.
6. DAP BEAM 1 1/2" MAX AT CONNECTION.
7. (2) 1" DIA. BOLTS.
8. (2) 1" DIA. THRU BOLTS, EACH SIDE, IN SHORT SLOTTED HOLES, WITH PLATE WASHERS ON BACK SIDE.

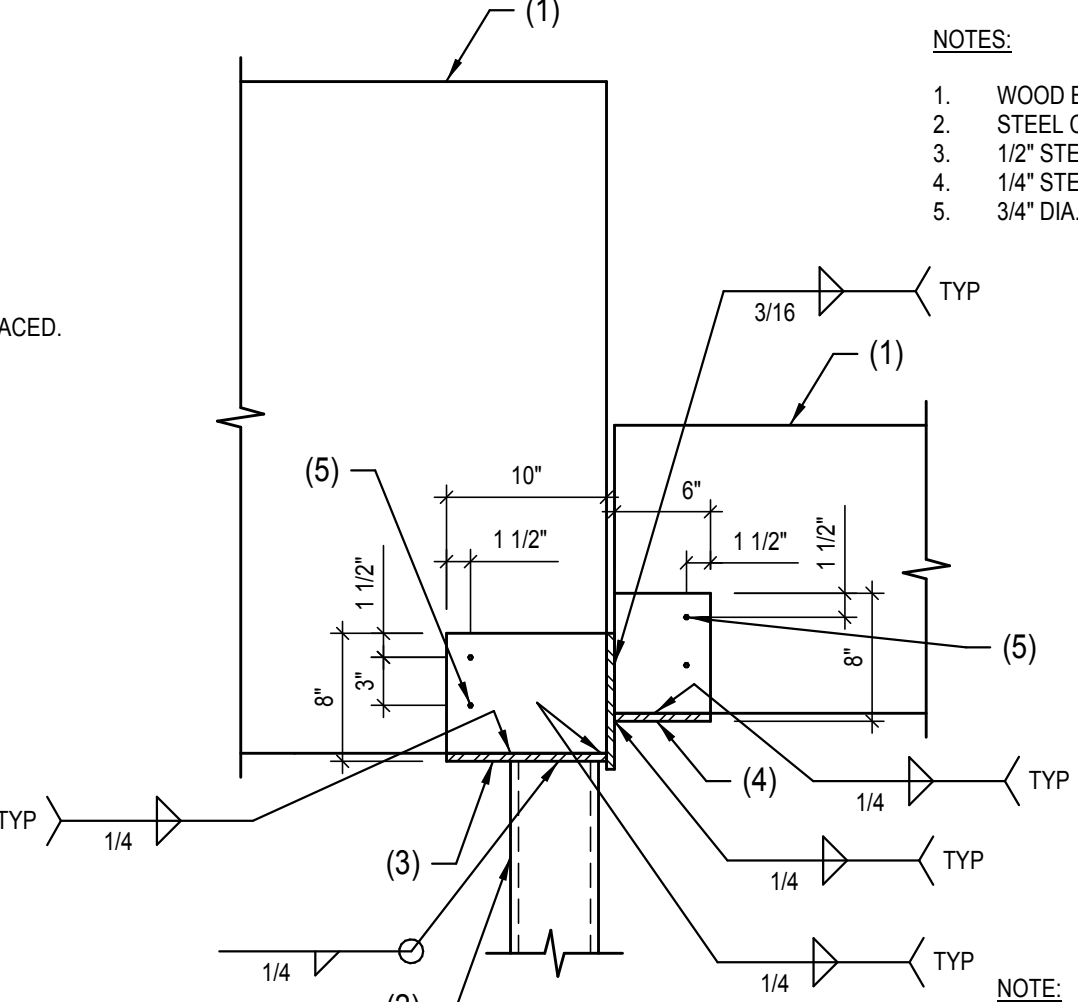


218 WOOD BEAMS AT WOOD GIRDER
SCALE: NOT TO SCALE

215156-X-DETAILS-218

NOTES:

1. WOOD BEAM.
2. STEEL COLUMN.
3. 1/2" STEEL PLATE.
4. 1/4" STEEL PLATE.
5. 3/4" DIA. THRU BOLTS.



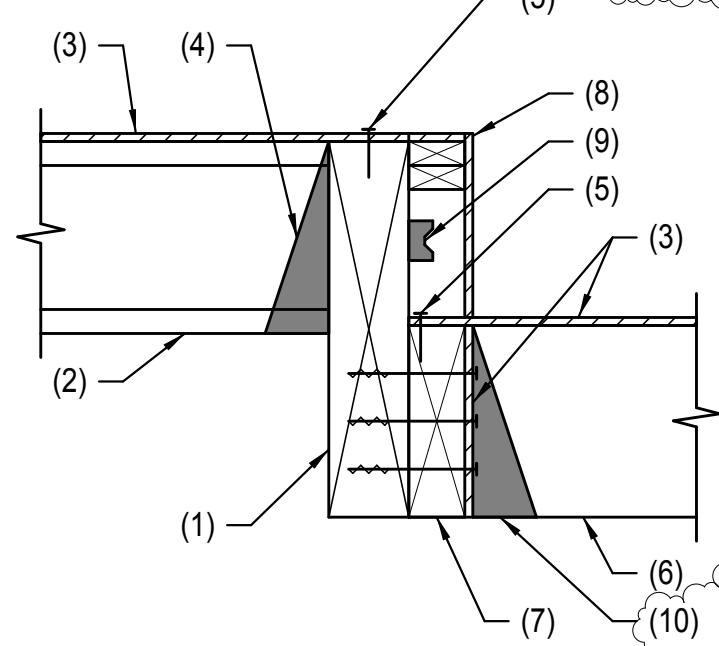
NOTE:
WOOD STUD WALLS AND FLOOR SHEATHING NOT SHOWN FOR CLARITY.

216 WOOD BEAM AND WOOD CANOPY BEAM AT STEEL COLUMN
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. WOOD I-JOIST.
3. SHEATHING.
4. SIMPSON IUS TYPE HANGER.
5. EDGE ATTACHMENT, U.N.O.
6. WOOD JOIST.
7. WOOD LEDGER AND ATTACHMENT.
8. WOOD STUD STORE FRONT SUPPORT WALL AS OCCURS.
9. SIMPSON A34 CLIP AT 16" O.C.
10. SKEWED SIMPSON HU TYPE HANGER.



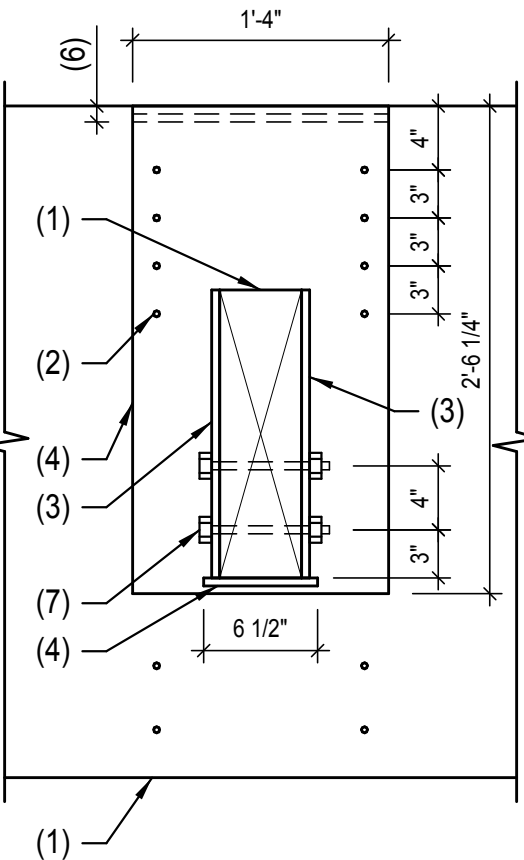
NOTE:
AT SIM. NO WOOD STUD STORE FRONT SUPPORT WALL.

217 DECK JOIST AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. (8) 1" DIA. THRU BOLTS.
3. 1/4" STEEL PLATE.
4. 1/2" STEEL PLATE.
5. 1" STEEL PLATE.
6. DAP BEAM 1 1/2" MAX AT CONNECTION.
7. (2) 1" DIA. BOLTS.
8. (2) 1" DIA. THRU BOLTS, EACH SIDE, IN SHORT SLOTTED HOLES, WITH PLATE WASHERS ON BACK SIDE.

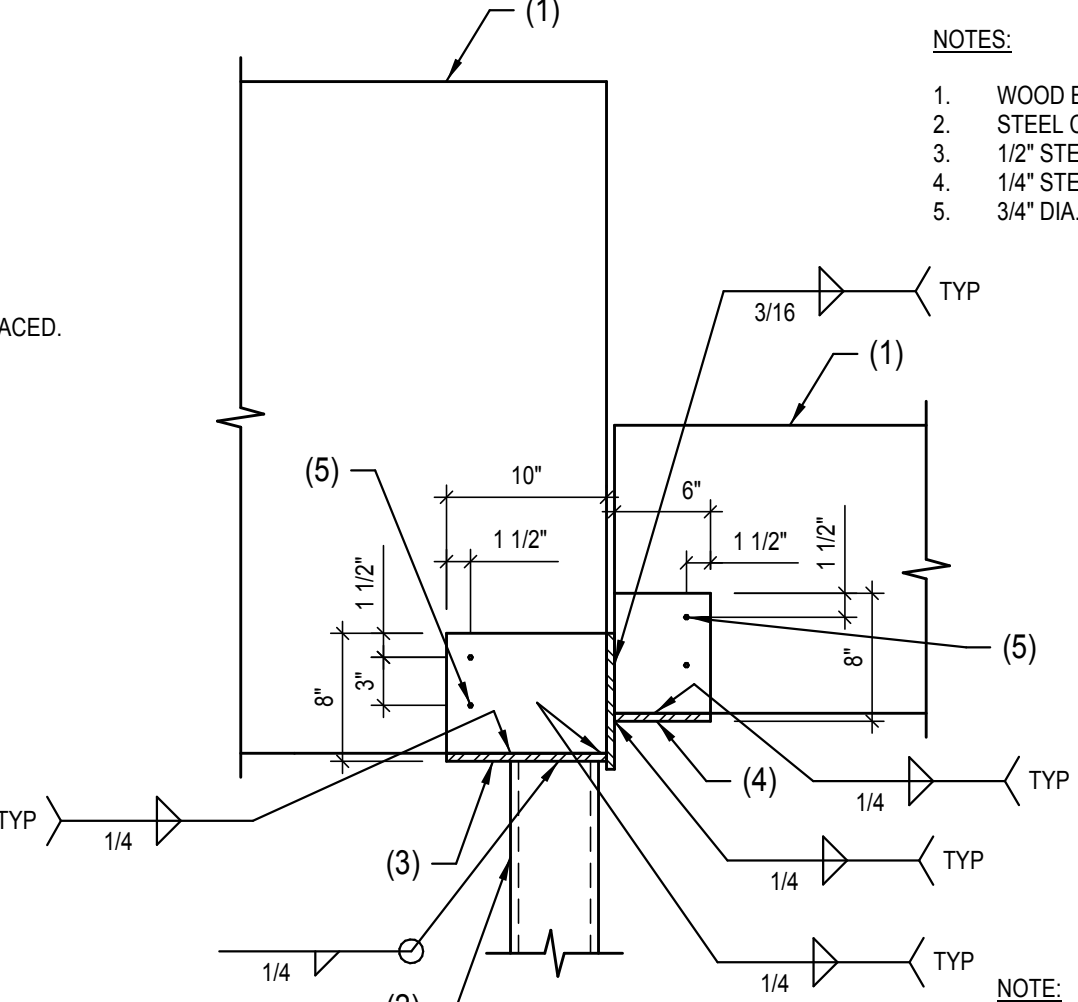


218 WOOD BEAMS AT WOOD GIRDER
SCALE: NOT TO SCALE

215156-X-DETAILS-218

NOTES:

1. WOOD BEAM.
2. STEEL COLUMN.
3. 1/2" STEEL PLATE.
4. 1/4" STEEL PLATE.
5. 3/4" DIA. THRU BOLTS.



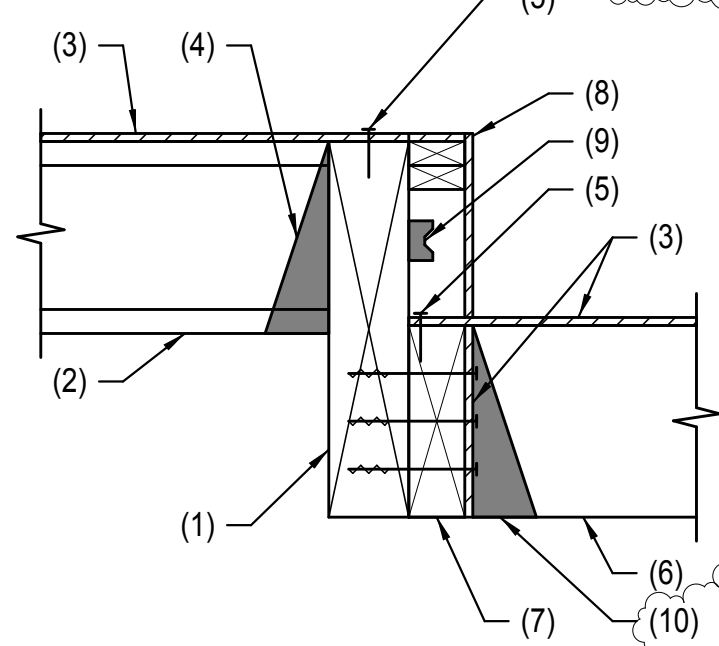
NOTE:
WOOD STUD WALLS AND FLOOR SHEATHING NOT SHOWN FOR CLARITY.

216 WOOD BEAM AND WOOD CANOPY BEAM AT STEEL COLUMN
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. WOOD I-JOIST.
3. SHEATHING.
4. SIMPSON IUS TYPE HANGER.
5. EDGE ATTACHMENT, U.N.O.
6. WOOD JOIST.
7. WOOD LEDGER AND ATTACHMENT.
8. WOOD STUD STORE FRONT SUPPORT WALL AS OCCURS.
9. SIMPSON A34 CLIP AT 16" O.C.
10. SKEWED SIMPSON HU TYPE HANGER.



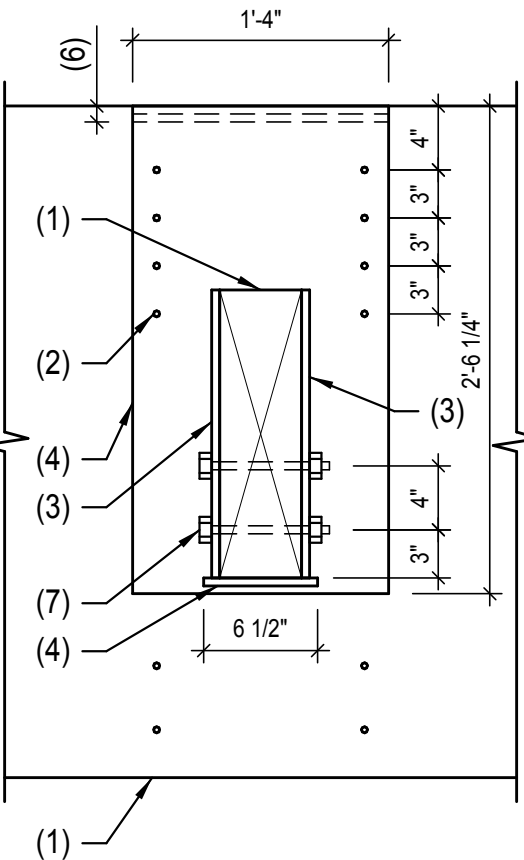
NOTE:
AT SIM. NO WOOD STUD STORE FRONT SUPPORT WALL.

217 DECK JOIST AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. (8) 1" DIA. THRU BOLTS.
3. 1/4" STEEL PLATE.
4. 1/2" STEEL PLATE.
5. 1" STEEL PLATE.
6. DAP BEAM 1 1/2" MAX AT CONNECTION.
7. (2) 1" DIA. BOLTS.
8. (2) 1" DIA. THRU BOLTS, EACH SIDE, IN SHORT SLOTTED HOLES, WITH PLATE WASHERS ON BACK SIDE.

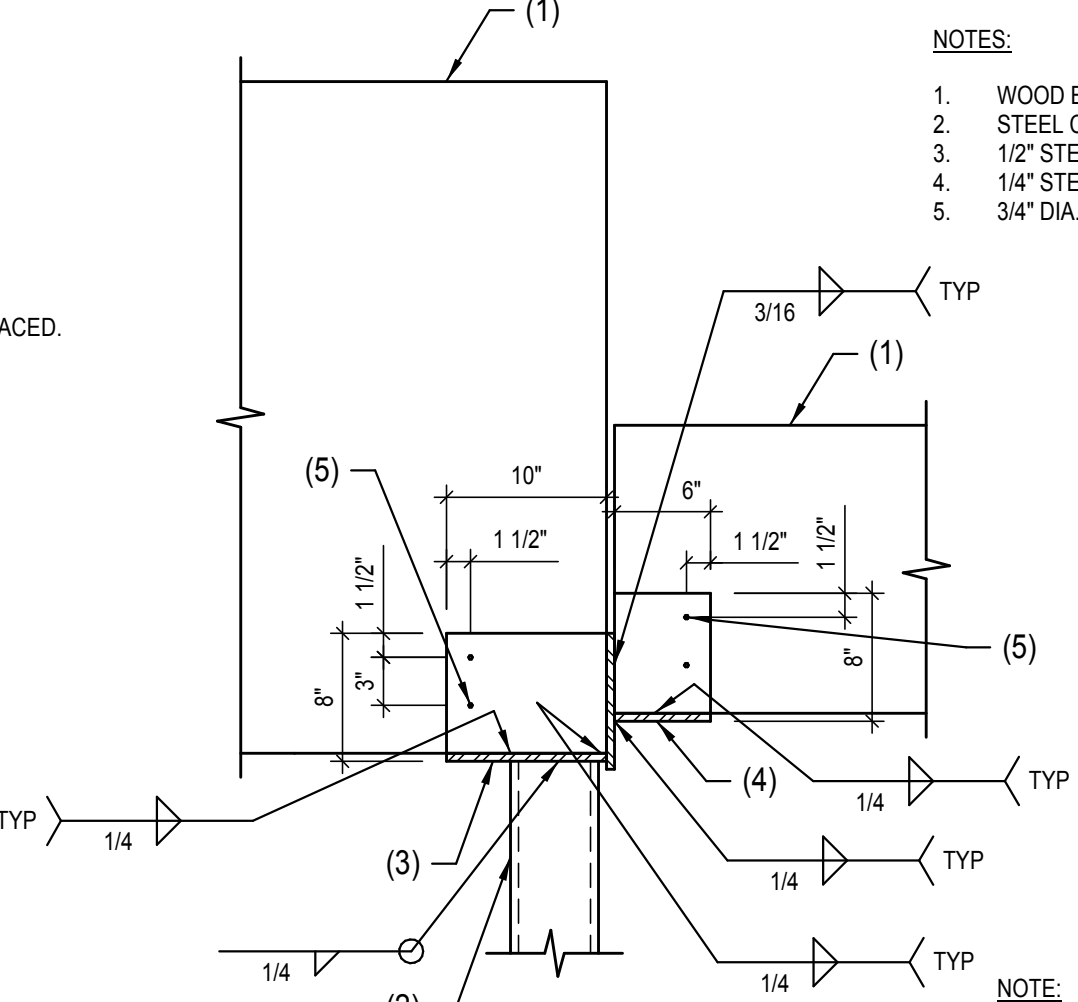


218 WOOD BEAMS AT WOOD GIRDER
SCALE: NOT TO SCALE

215156-X-DETAILS-218

NOTES:

1. WOOD BEAM.
2. STEEL COLUMN.
3. 1/2" STEEL PLATE.
4. 1/4" STEEL PLATE.
5. 3/4" DIA. THRU BOLTS.



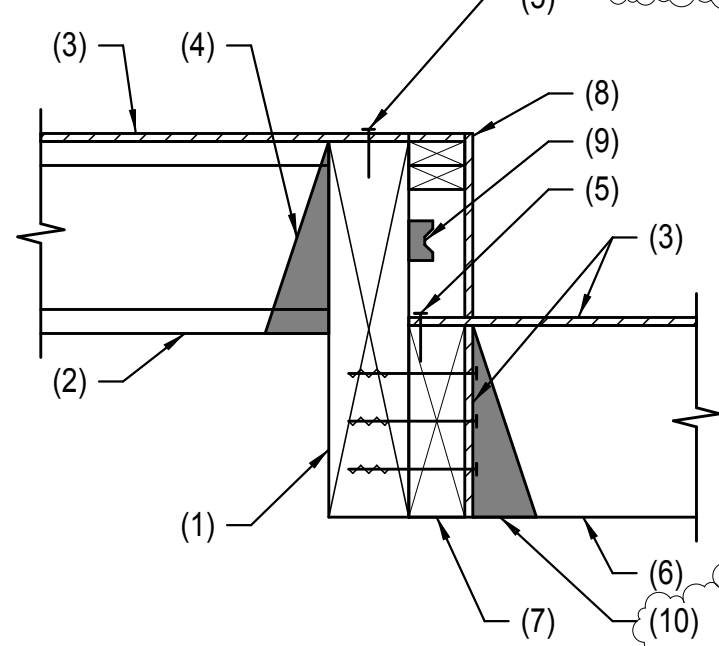
NOTE:
WOOD STUD WALLS AND FLOOR SHEATHING NOT SHOWN FOR CLARITY.

216 WOOD BEAM AND WOOD CANOPY BEAM AT STEEL COLUMN
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. WOOD I-JOIST.
3. SHEATHING.
4. SIMPSON IUS TYPE HANGER.
5. EDGE ATTACHMENT, U.N.O.
6. WOOD JOIST.
7. WOOD LEDGER AND ATTACHMENT.
8. WOOD STUD STORE FRONT SUPPORT WALL AS OCCURS.
9. SIMPSON A34 CLIP AT 16" O.C.
10. SKEWED SIMPSON HU TYPE HANGER.



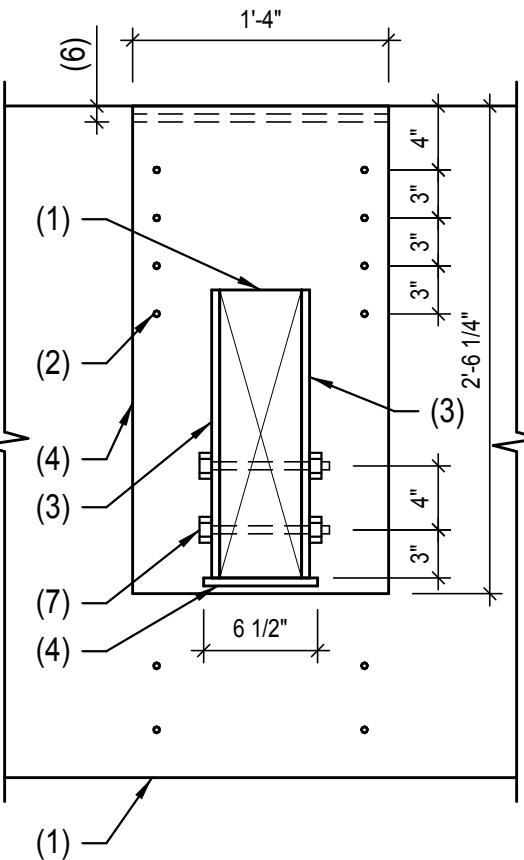
NOTE:
AT SIM. NO WOOD STUD STORE FRONT SUPPORT WALL.

217 DECK JOIST AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. (8) 1" DIA. THRU BOLTS.
3. 1/4" STEEL PLATE.
4. 1/2" STEEL PLATE.
5. 1" STEEL PLATE.
6. DAP BEAM 1 1/2" MAX AT CONNECTION.
7. (2) 1" DIA. BOLTS.
8. (2) 1" DIA. THRU BOLTS, EACH SIDE, IN SHORT SLOTTED HOLES, WITH PLATE WASHERS ON BACK SIDE.

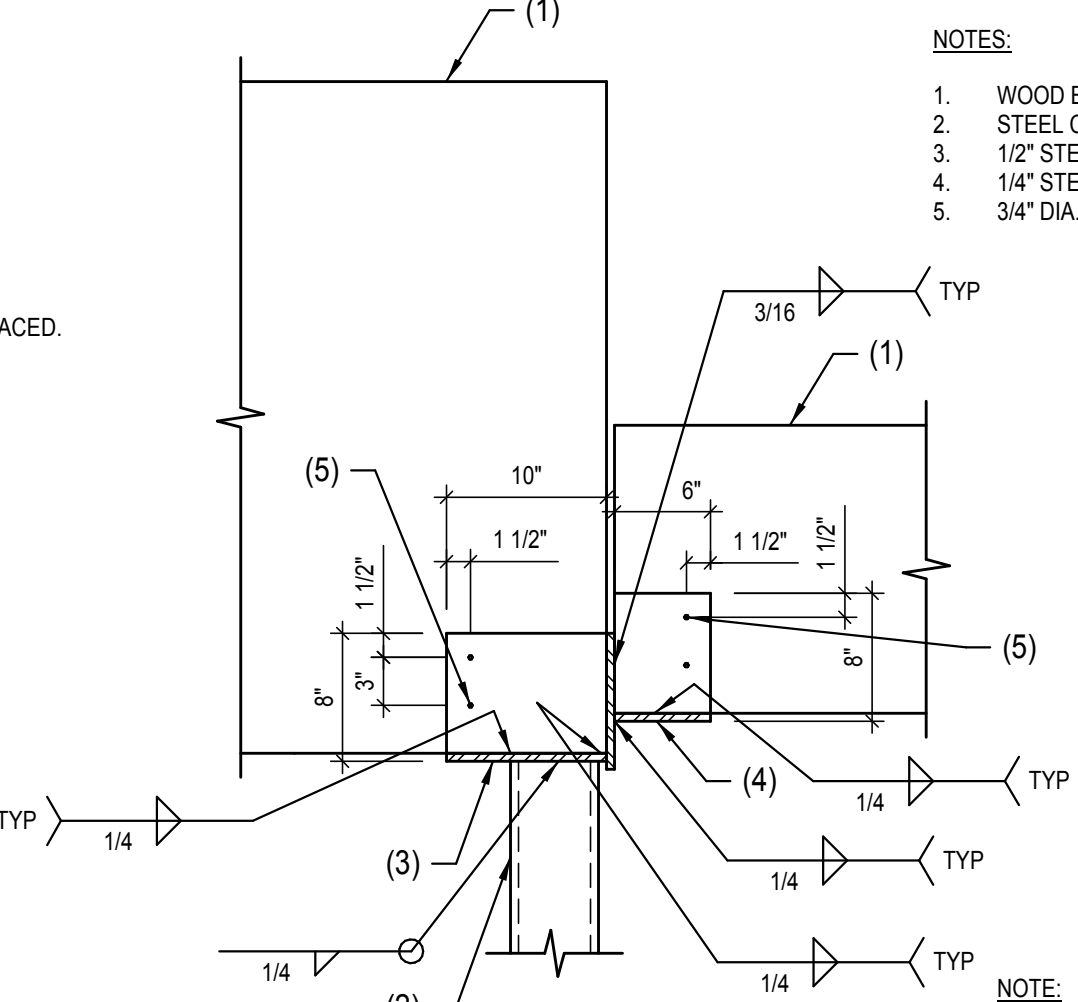


218 WOOD BEAMS AT WOOD GIRDER
SCALE: NOT TO SCALE

215156-X-DETAILS-218

NOTES:

1. WOOD BEAM.
2. STEEL COLUMN.
3. 1/2" STEEL PLATE.
4. 1/4" STEEL PLATE.
5. 3/4" DIA. THRU BOLTS.



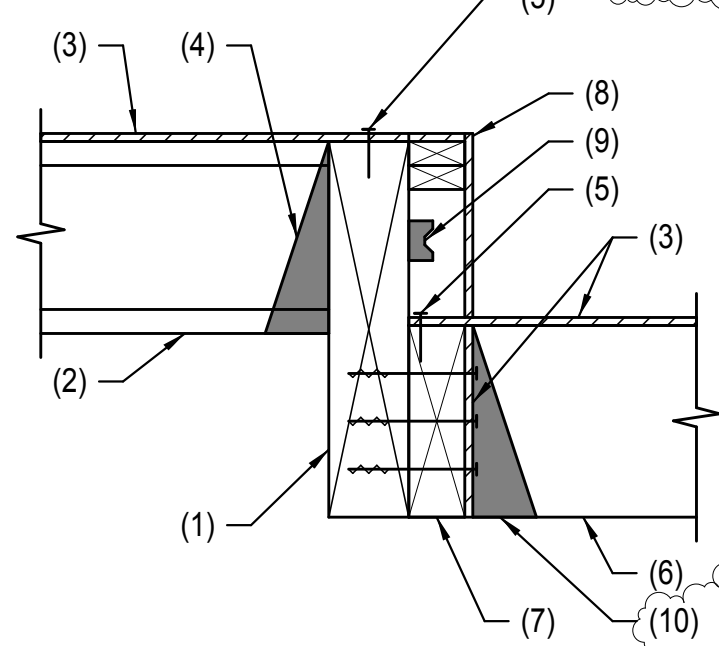
NOTE:
WOOD STUD WALLS AND FLOOR SHEATHING NOT SHOWN FOR CLARITY.

216 WOOD BEAM AND WOOD CANOPY BEAM AT STEEL COLUMN
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. WOOD I-JOIST.
3. SHEATHING.
4. SIMPSON IUS TYPE HANGER.
5. EDGE ATTACHMENT, U.N.O.
6. WOOD JOIST.
7. WOOD LEDGER AND ATTACHMENT.
8. WOOD STUD STORE FRONT SUPPORT WALL AS OCCURS.
9. SIMPSON A34 CLIP AT 16" O.C.
10. SKEWED SIMPSON HU TYPE HANGER.



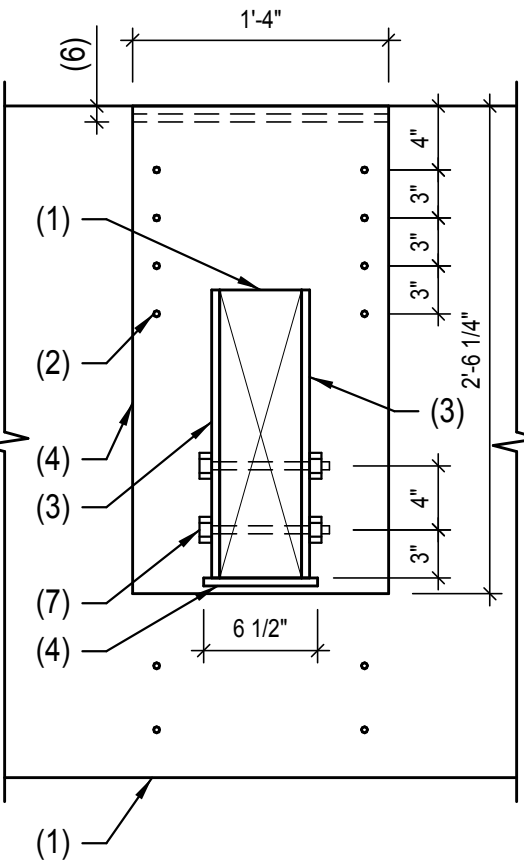
NOTE:
AT SIM. NO WOOD STUD STORE FRONT SUPPORT WALL.

217 DECK JOIST AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-216

NOTES:

1. WOOD BEAM.
2. (8) 1" DIA. THRU BOLTS.
3. 1/4" STEEL PLATE.
4. 1/2" STEEL PLATE.
5. 1" STEEL PLATE.
6. DAP BEAM 1 1/2" MAX AT CONNECTION.
7. (2) 1" DIA. BOLTS.
8. (2) 1" DIA. THRU BOLTS, EACH SIDE, IN SHORT SLOTTED HOLES, WITH PLATE WASHERS ON BACK SIDE.

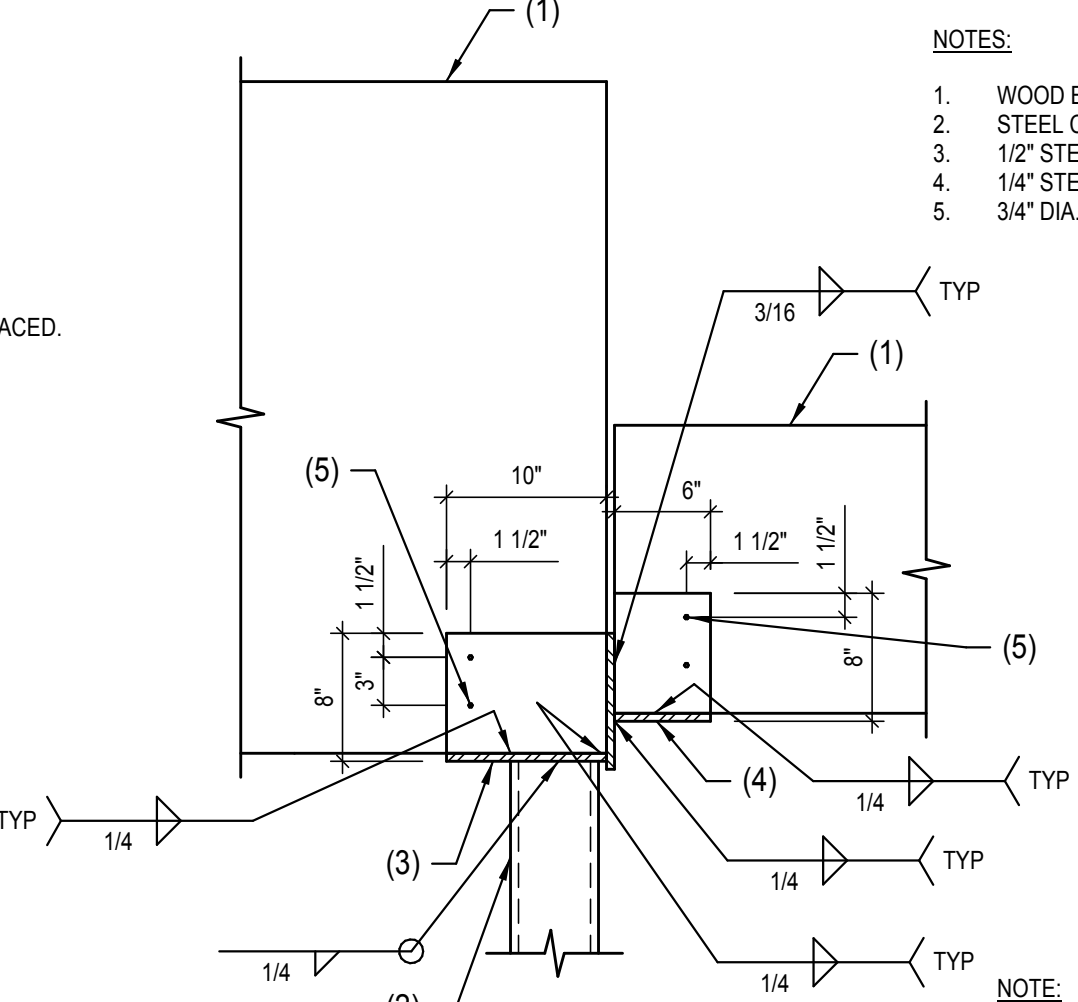


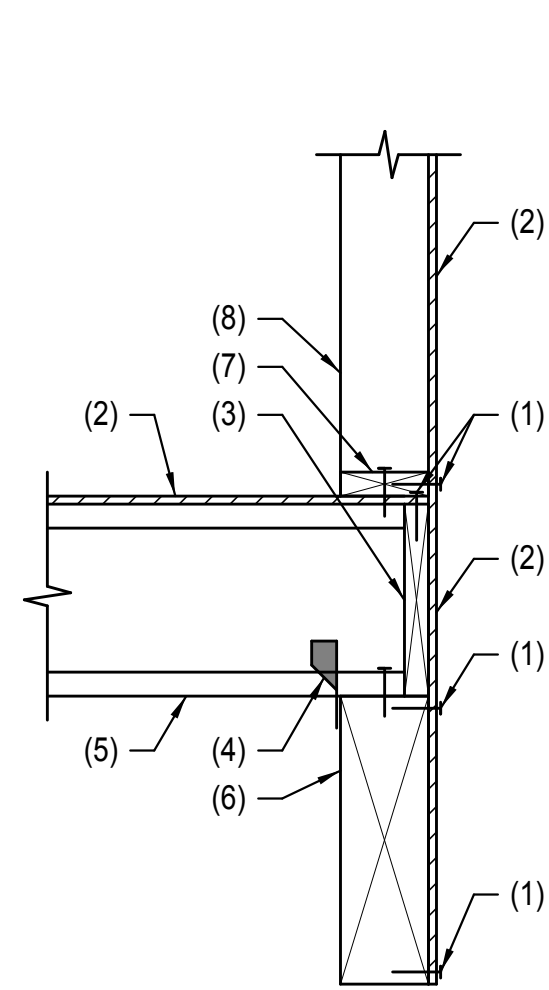
218 WOOD BEAMS AT WOOD GIRDER
SCALE: NOT TO SCALE

215156-X-DETAILS-218

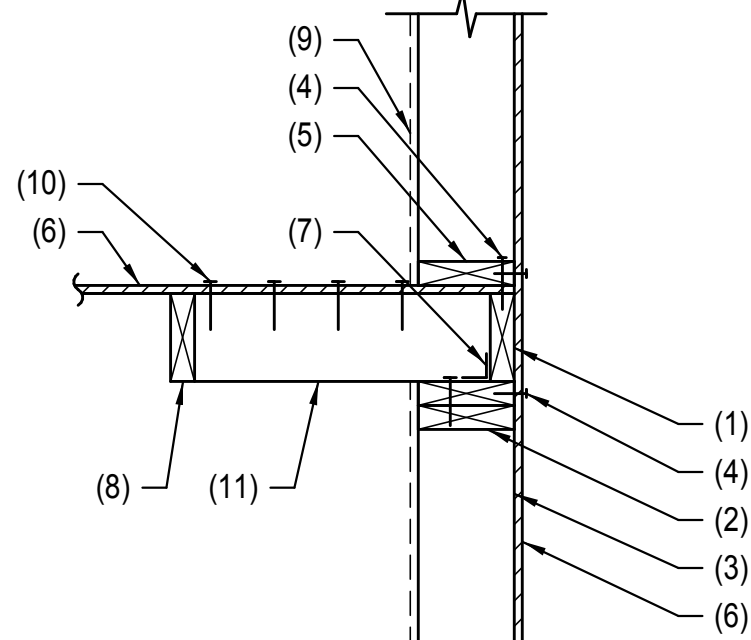
NOTES:

1. WOOD BEAM.
2. STEEL COLUMN.
3. 1/2" STEEL PLATE.
4. 1/4" STEEL PLATE.
5. 3/4" DIA. THRU BOLTS.

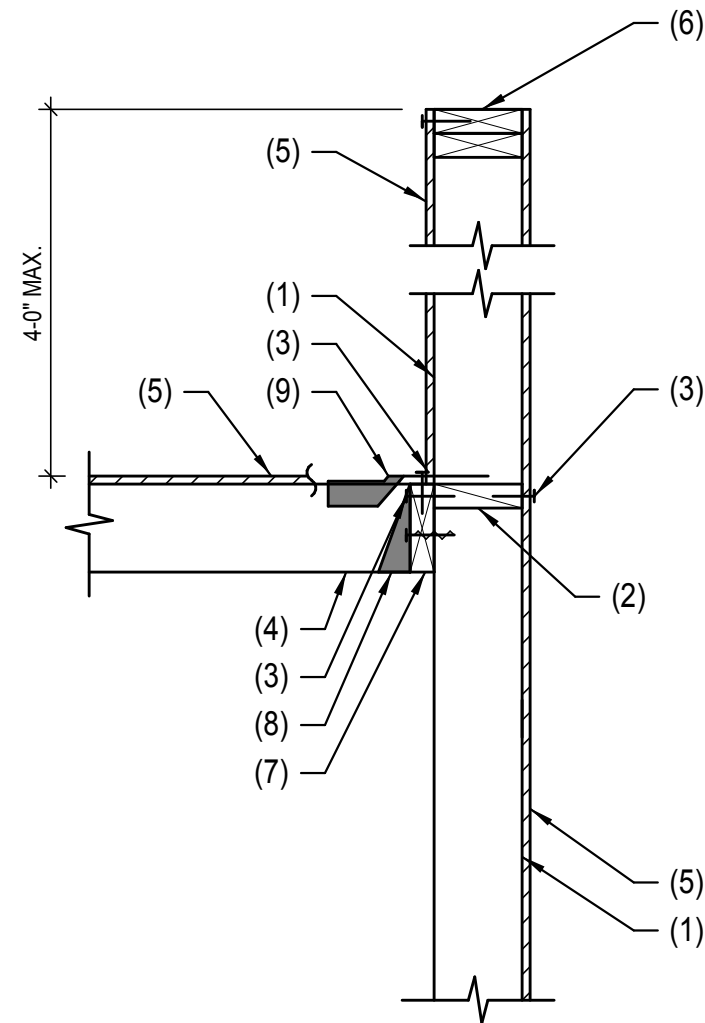




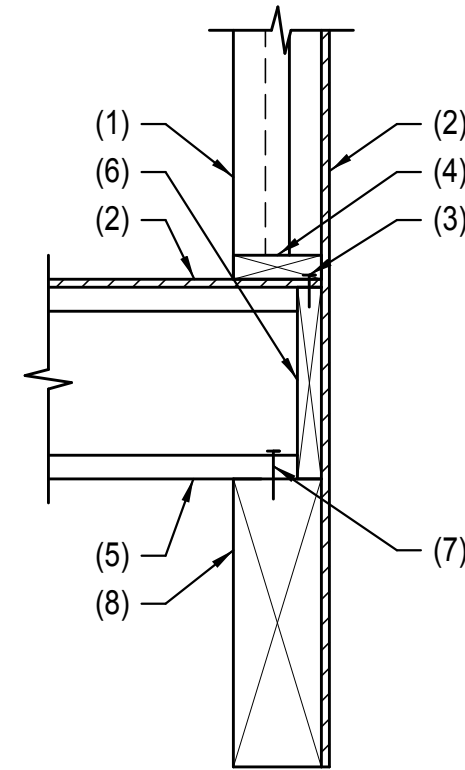
- NOTES:
- EDGE ATTACHMENT, U.N.O.
 - SHEATHING.
 - 1 3/4" LVL OR (2) 1 1/4" LSL RIM BOARD.
 - SIMPSON H3 EACH JOIST.
 - WOOD I-JOIST.
 - WOOD BEAM.
 - 2x BOTTOM PLATE.
 - WOOD STUD WALL.



- NOTES:
- 2x6 RIM BOARD WITH (3) 16d PER BLOCK.
 - DOUBLE 2x CONTINUOUS WITH 16d AT 12" O.C.
 - WOOD STUD WALL.
 - EDGE ATTACHMENT, U.N.O.
 - 2x CONTINUOUS WITH 16d AT 12" O.C.
 - SHEATHING.
 - SIMPSON A34 AT 24" O.C.
 - WOOD JOIST.
 - SHEATHING AS OCCURS.
 - 10d NAILS AT 4" O.C. INTO BLOCKING.
 - WOOD BLOCKING.



- NOTES:
- WOOD STUD WALL.
 - 2x BLOCKING AT EACH STUD.
 - EDGE ATTACHMENT, U.N.O.
 - WOOD JOIST.
 - SHEATHING.
 - DOUBLE 2x TOP PLATE.
 - WOOD LEDGER.
 - SIMPSON HU26 HANGER.
 - SIMPSON H6 TIE AT 32" O.C. UNDER SHEATHING.



- NOTES:
- WOOD STUD WALL.
 - SHEATHING.
 - EDGE ATTACHMENT, U.N.O.
 - 2x BOTTOM PLATE.
 - WOOD I-JOIST.
 - RIM BOARD.
 - (2) 16d NAILS EACH SIDE.
 - WOOD BEAM.

232 WOOD I-JOIST AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-232

229 WOOD JOIST AT WOOD STUD WALL
SCALE: NOT TO SCALE

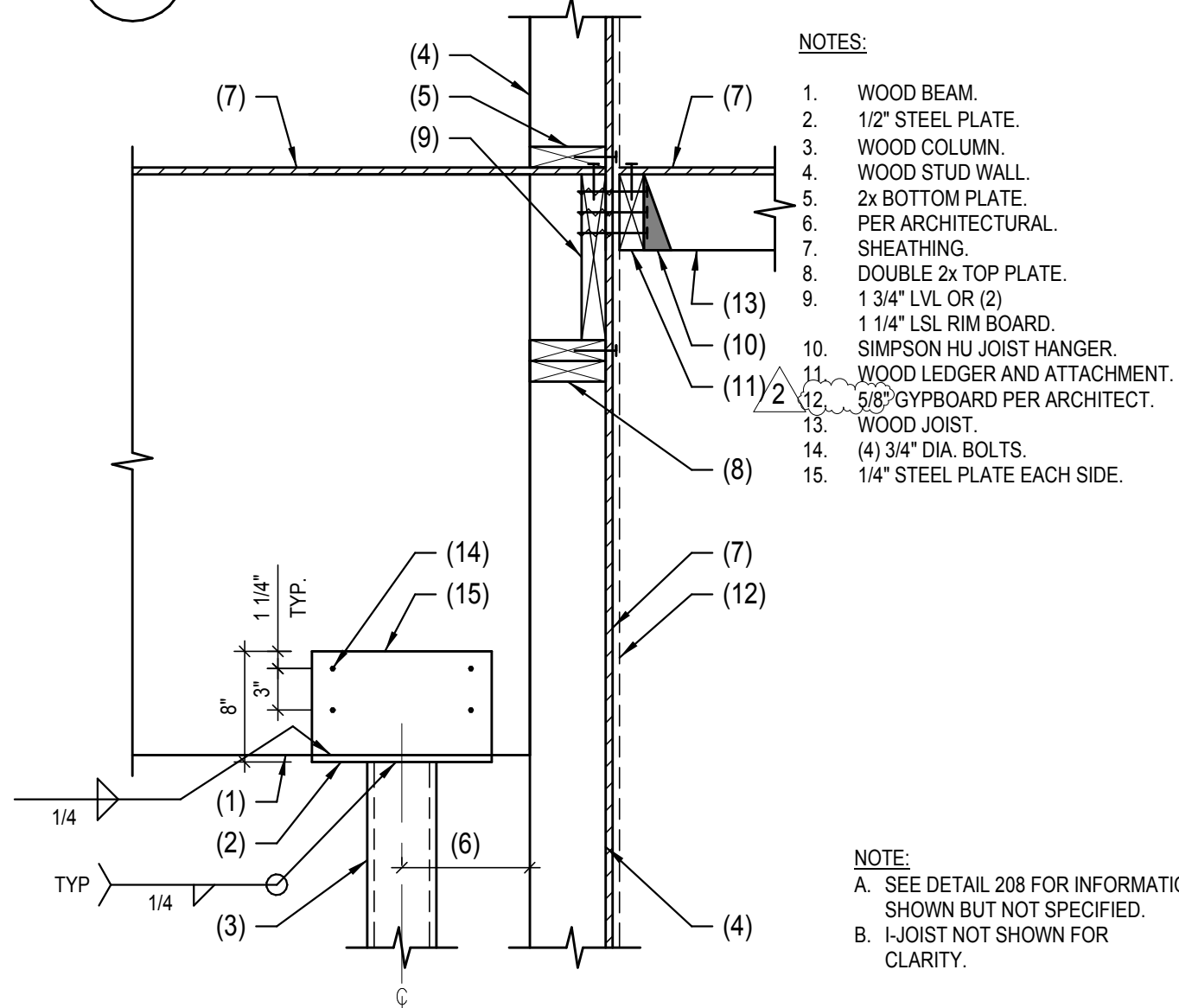
215156-X-DETAILS-229

226 WOOD JOIST AT WOOD STUD WALL
SCALE: NOT TO SCALE

215156-X-DETAILS-226

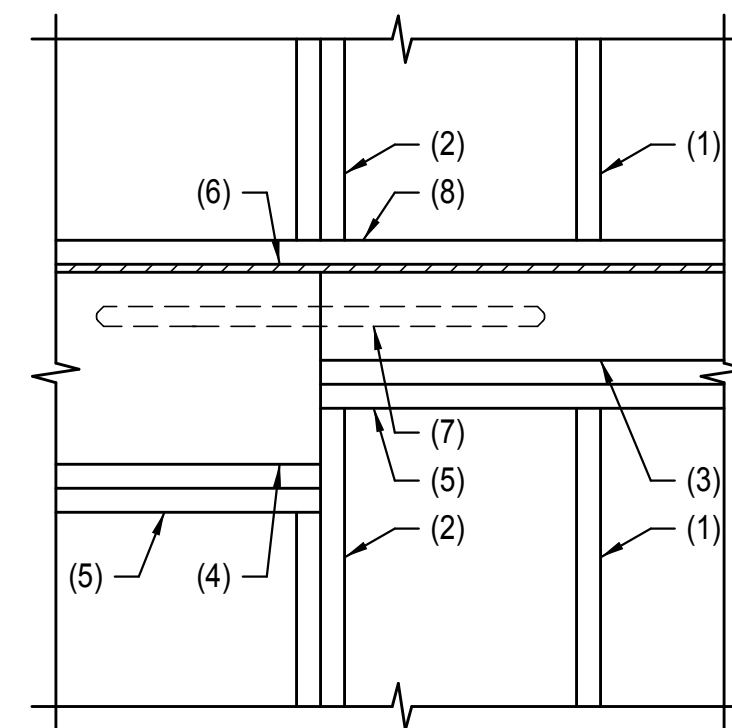
223 WOOD I-JOIST AT WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-223



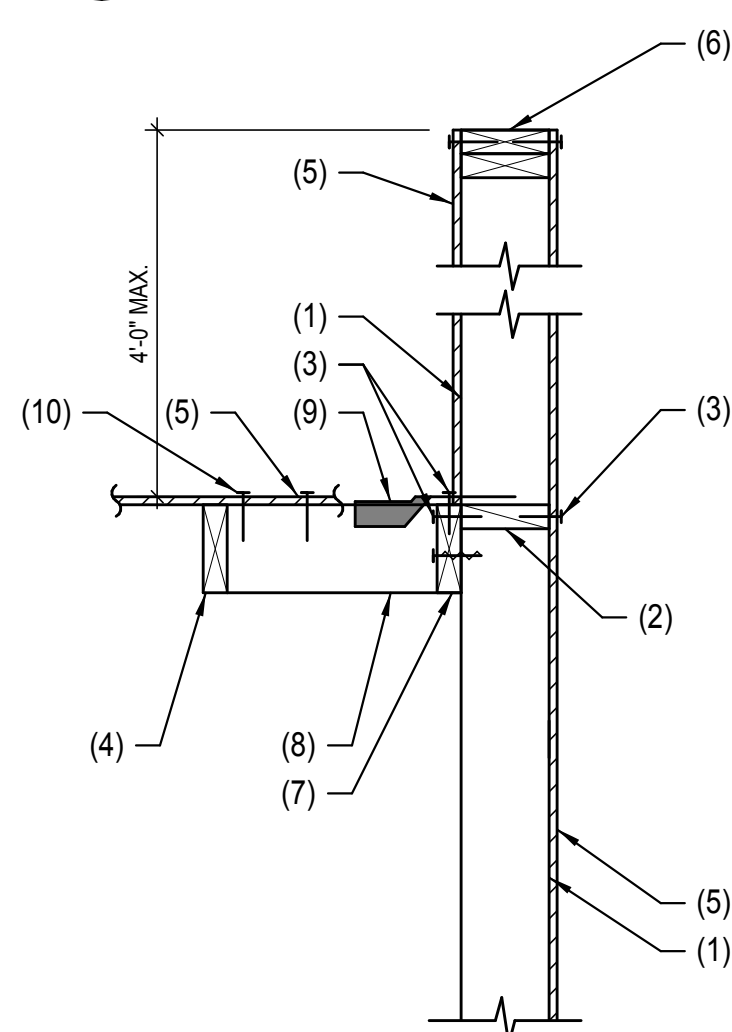
- NOTES:
- WOOD BEAM.
 - 1/2" STEEL PLATE.
 - WOOD COLUMN.
 - WOOD STUD WALL.
 - 2x BOTTOM PLATE.
 - PER ARCHITECTURAL.
 - SHEATHING.
 - DOUBLE 2x TOP PLATE.
 - 1 3/4" LVL OR (2) 1 1/4" LSL RIM BOARD.
 - SIMPSON HU JOIST HANGER.
 - WOOD LEDGER AND ATTACHMENT.
 - 5/8" GYPBOARD PER ARCHITECT.
 - WOOD JOIST.
 - (4) 3/4" DIA. BOLTS.
 - 1/4" STEEL PLATE EACH SIDE.

NOTE:
A. SEE DETAIL 208 FOR INFORMATION SHOWN BUT NOT SPECIFIED.
B. I-JOIST NOT SHOWN FOR CLARITY.

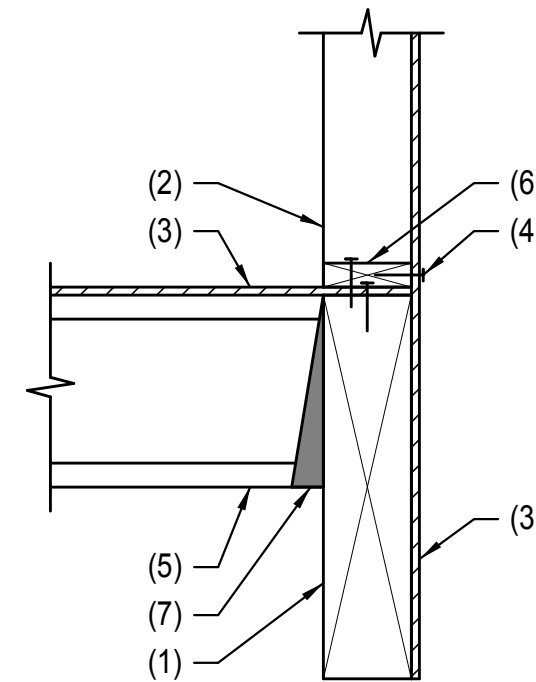


- NOTES:
- WOOD STUDS.
 - DOUBLE WOOD STUDS AT STEP.
 - 2x6 RIM BOARD.
 - 1 3/4" LVL OR (2) 1 1/4" LSL RIM BOARD.
 - DOUBLE 2x TOP PLATE.
 - SHEATHING.
 - CS16 STRAP AT STEP.
 - 2x TOP PLATE.

NOTE:
JOIST NOT SHOWN FOR CLARITY.



- NOTES:
- WOOD STUD WALL.
 - 2x BLOCKING AT EACH STUD.
 - EDGE ATTACHMENT, U.N.O.
 - WOOD JOIST.
 - SHEATHING.
 - DOUBLE 2x TOP PLATE.
 - WOOD LEDGER.
 - 2x WOOD BLOCKING AT 16" O.C.
 - SIMPSON H6 TIE AT 32" O.C. UNDER SHEATHING.
 - 10d NAILS AT 4" O.C. INTO BLOCKING.



- NOTES:
- WOOD BEAM.
 - WOOD STUD WALL.
 - SHEATHING.
 - EDGE ATTACHMENT, U.N.O.
 - WOOD I-JOIST.
 - 2x BOTTOM PLATE.
 - SIMPSON MU TYPE HANGER.

233 WOOD BEAM AT STEEL COLUMN
SCALE: NOT TO SCALE

215156-X-DETAILS-233

230 STEP IN DOUBLE TOP PLATE
SCALE: NOT TO SCALE

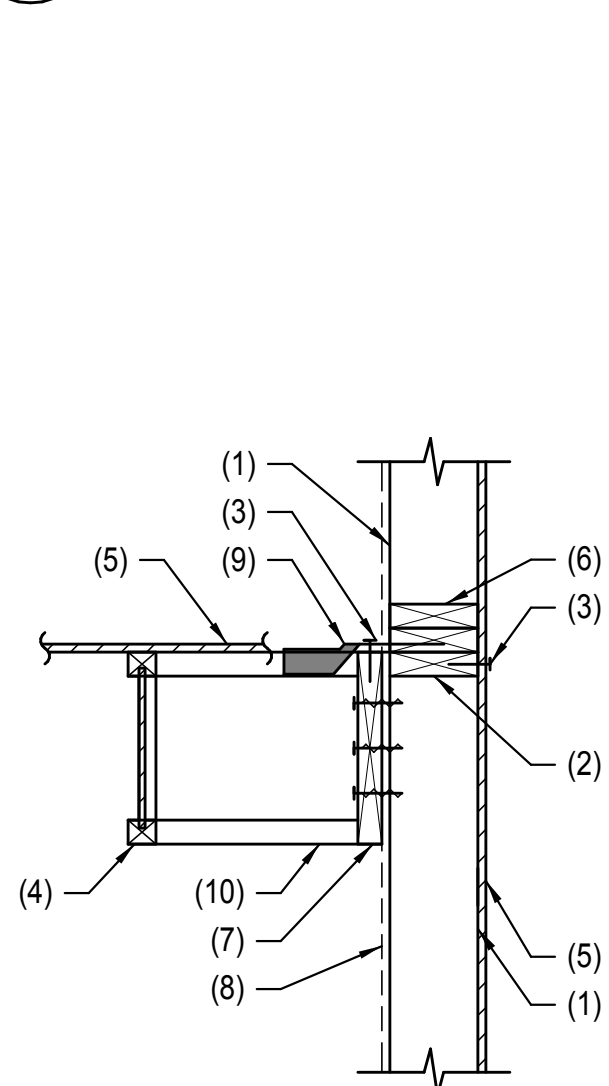
215156-X-DETAILS-230

227 WOOD JOIST AND LEDGER AT WOOD STUD WALL
SCALE: NOT TO SCALE

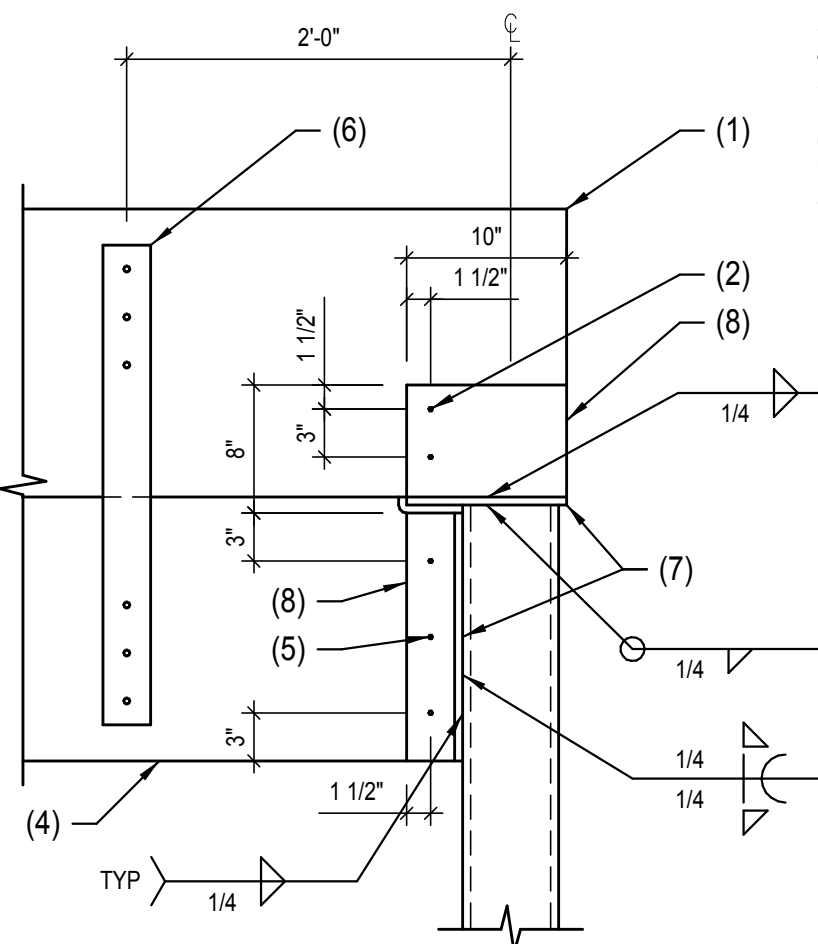
215156-X-DETAILS-227

224 WOOD I-JOIST AT CANTILEVERED WOOD BEAM
SCALE: NOT TO SCALE

215156-X-DETAILS-224

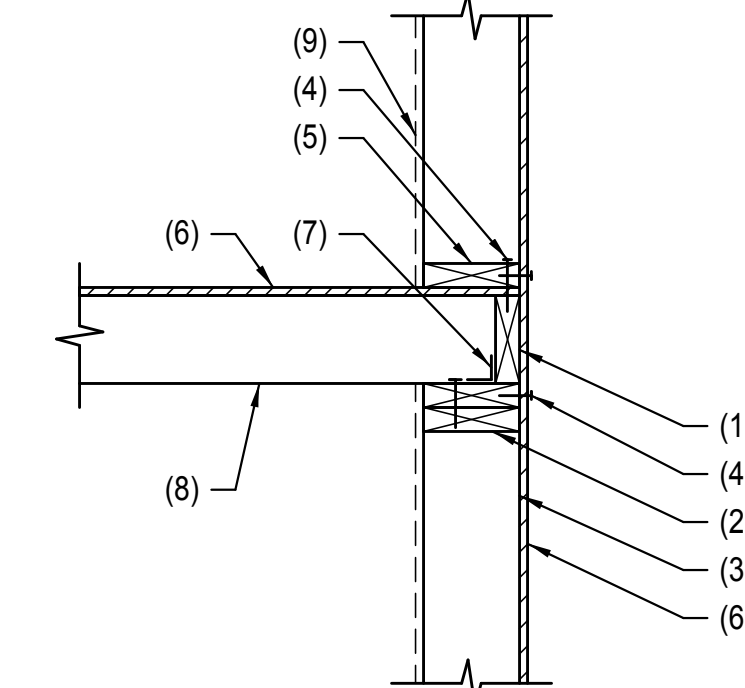


- NOTES:
- WOOD STUD WALL.
 - 2x BOTTOM PLATE.
 - EDGE ATTACHMENT, U.N.O.
 - WOOD I-JOIST AT STAIR LANDING.
 - SHEATHING.
 - DOUBLE 2x TOP PLATE.
 - WOOD LEDGER AND ATTACHMENT.
 - 5/8" GYPBOARD PER ARCHITECT.
 - SIMPSON H6 TIE AT 32" O.C. UNDER SHEATHING.
 - WOOD I-JOIST BLOCKING AT 16" O.C.

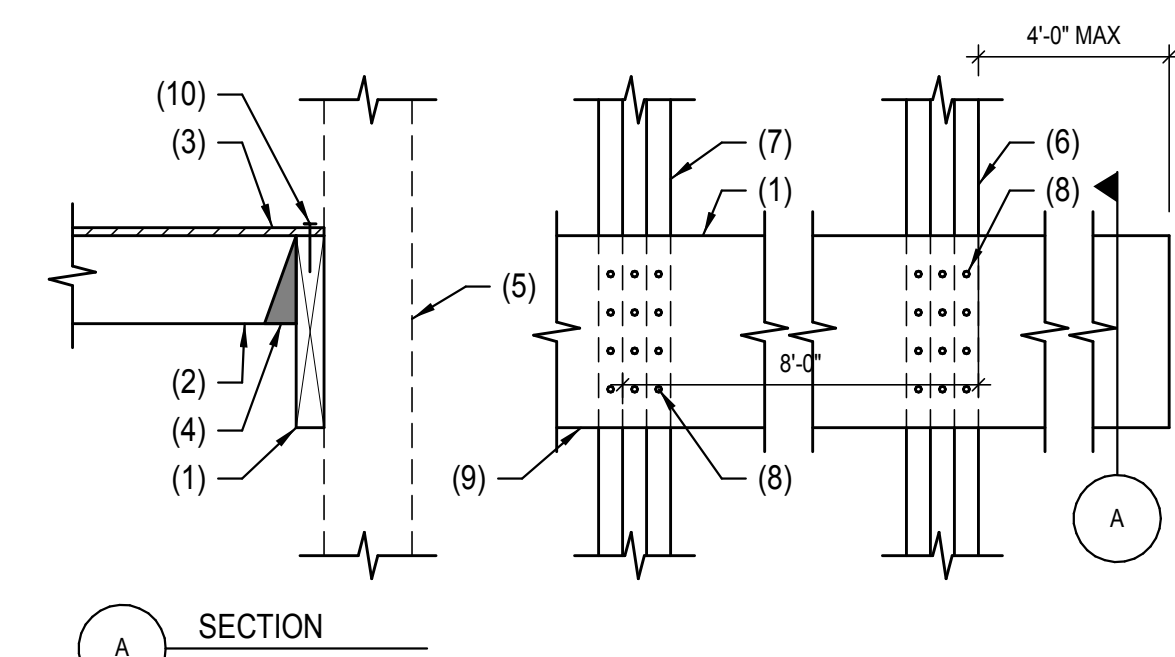


- NOTES:
- WOOD BEAM.
 - (2) 3/4" DIA. THRU-BOLTS.
 - STEEL COLUMN.
 - WOOD HEADER.
 - (3) 3/4" DIA. THRU-BOLTS EVENLY SPACED.
 - CONNECTION PER DETAIL 219.
 - 1/2" STEEL PLATE.
 - 1/4" STEEL PLATE.

NOTE:
A. JOIST NOT SHOWN FOR CLARITY.
B. AT SIM, NO HEADER.



- NOTES:
- 2x6 RIM BOARD WITH (3) 16d PER BLOCK.
 - DOUBLE 2x CONTINUOUS WITH 16d AT 12" O.C.
 - WOOD STUD WALL.
 - EDGE ATTACHMENT, U.N.O.
 - 2x CONTINUOUS WITH 16d AT 12" O.C.
 - SHEATHING.
 - SIMPSON A34 AT 24" O.C.
 - WOOD JOIST.
 - SHEATHING AS OCCURS.



- NOTES:
- CONTINUOUS WOOD LEDGER.
 - WOOD JOIST.
 - SHEATHING.
 - SIMPSON HU TYPE JOIST HANGER.
 - WOOD STUD WALL BEYOND.
 - (3) 2x6 STUDS.
 - (2) 2x6 STUDS.
 - (4) SIMPSON SDWS 22300 DB SCREWS.
 - LEDGER AND ATTACHMENT.
 - EDGE ATTACHMENT, U.N.O.

234 STAIR LANDING AT WOOD STUD WALL
SCALE: NOT TO SCALE

215156-X-DETAILS-234

231 WOOD BEAM AND HEADER AT STEEL COLUMN
SCALE: NOT TO SCALE

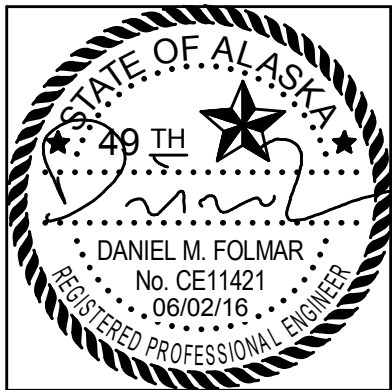
215156-X-DETAILS-231

228 WOOD JOIST AT WOOD STUD WALL
SCALE: NOT TO SCALE

215156-X-DETAILS-228

225 WOOD JOIST AT CANTILEVERED LEDGER
SCALE: NOT TO SCALE

215156-X-DETAILS-225



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REVISION SCHEDULE		
#	DESCRIPTION	DATE
2	CONTRACTOR RESPONSE	Date 2

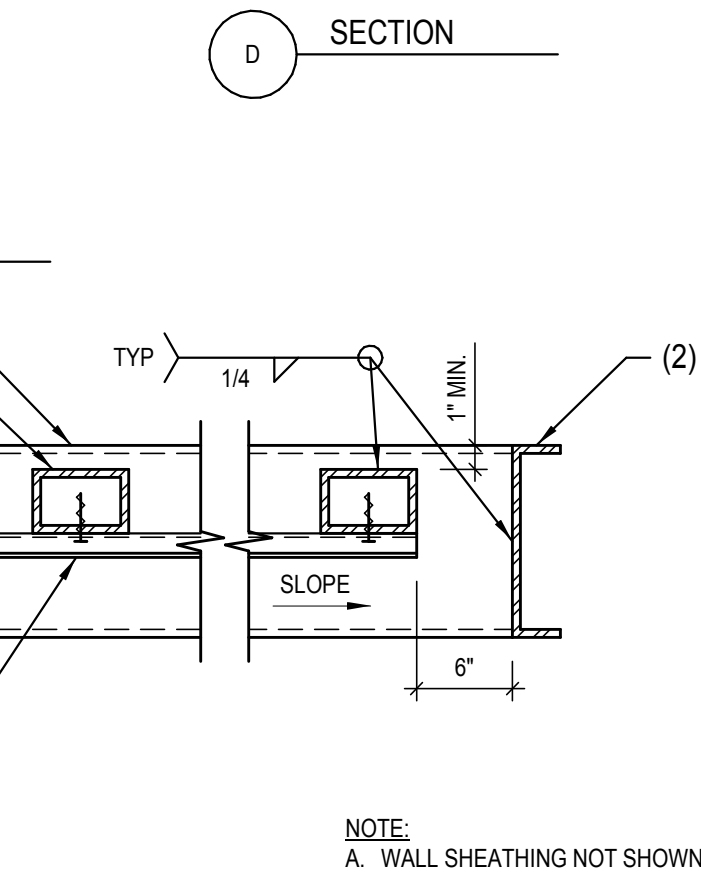
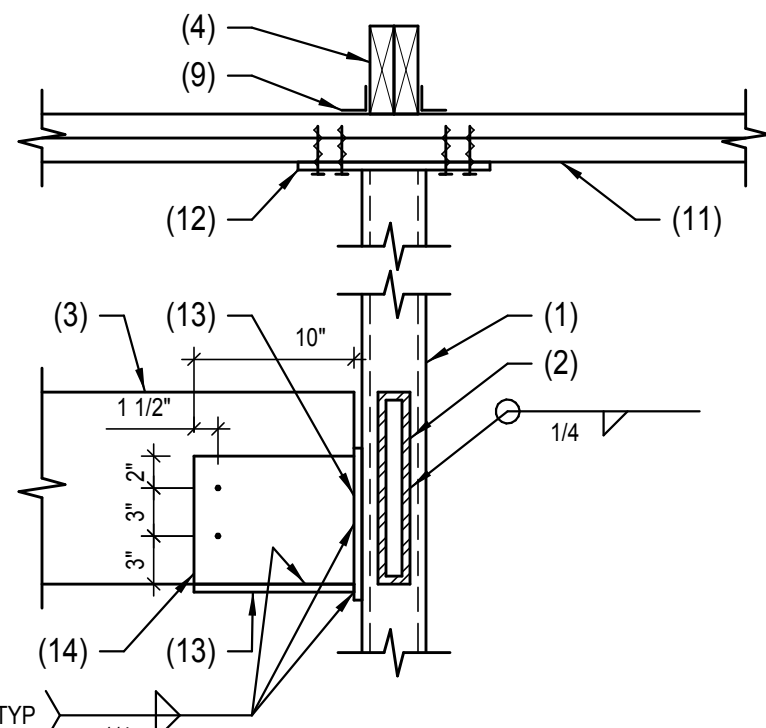
JOB NO. 215156
DATE 04.11.2016
DRAWN MEH
REVIEWED ZDS, DMF

SHEET NAME
FRAMING DETAILS

SHEET NO.
S4.02

NOTES:

1. STEEL COLUMN.
2. STEEL BEAM.
3. WOOD HEADER.
4. (2) WOOD JOISTS AT STEEL COLUMN.
5. STEEL JOIST.
6. WOOD STUD WALL.
7. SHEATHING.
8. FINISHES PER ARCHITECTURAL.
9. 4" MAX.
10. (2) SIMPSON A34 CLIPS.
11. RIM BOARD.
12. DOUBLE 2x TOP PLATE.
13. 1/4"x5 1/2"x1'-0" STEEL PLATE. FASTEN TO DOUBLE TOP PLATE WITH (6) SIMPSON 1/4"x3" SDS SCREWS.
14. 1/2" STEEL PLATE.
15. 1/4" STEEL PLATE.
16. STEEL DECK.



NOTE:
A. WALL SHEATHING NOT SHOWN FOR CLARITY.
B. AT SIM, JOIST IS AN LVL.
C. RIM BOARD NOT SHOWN IN SECTION FOR CLARITY.

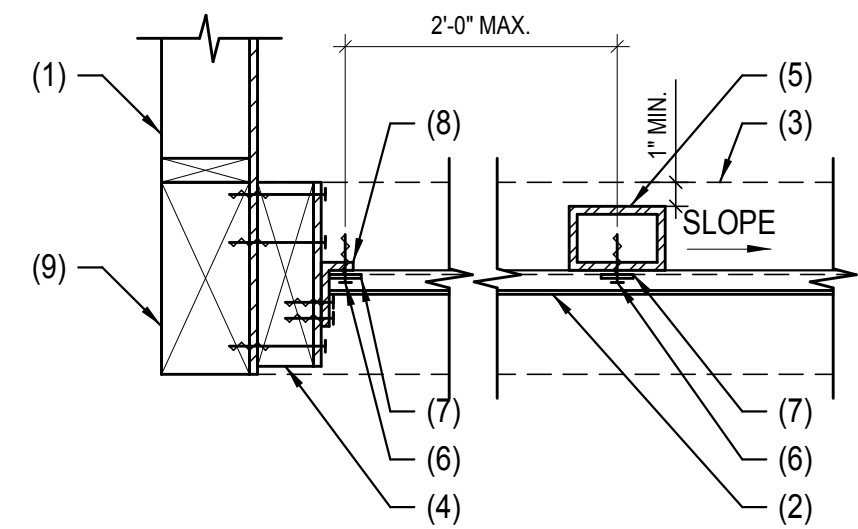
243 STEEL CANOPY BEAM AT WOOD HEADER

SCALE: NOT TO SCALE

215156-X-DETAILS-243

NOTES:

1. WOOD STUD WALL.
2. STEEL DECK.
3. STEEL BEAM BEYOND.
4. WOOD LEDGER AND ATTACHMENT.
5. STEEL JOIST.
6. 1/4"x1" SELF DRILLING TEK SCREWS.
7. 1/4"x2"x0'-2" WASHER PACKING PIECE.
8. L4x2x1/4 DECK SUPPORT ANGLE WITH (2) 1/4"x3" SIMPSON SDS SCREWS.
9. WOOD HEADER.



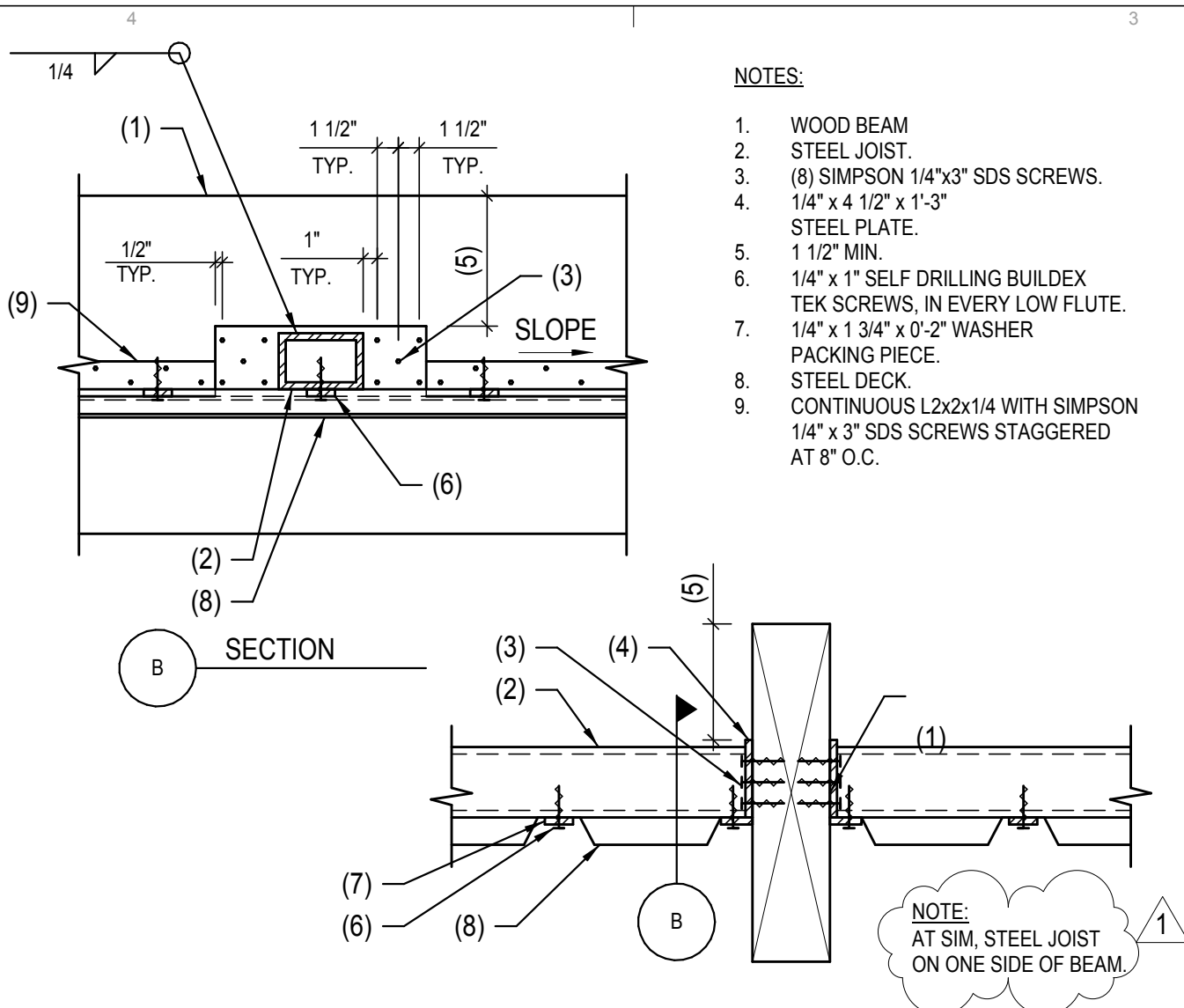
244 CANOPY FRAMING AT WOOD STUD WALL

SCALE: NOT TO SCALE

215156-X-DETAILS-244

NOTES:

1. WOOD BEAM.
2. STEEL JOIST.
3. (8) SIMPSON 1/4"x3" SDS SCREWS.
4. 1/4"x4 1/2"x1'-3" STEEL PLATE.
5. 1 1/2" MIN.
6. 1/4"x1" SELF DRILLING BUILD-EX TEK SCREWS, IN EVERY LOW FLUTE.
7. 1/4"x1 3/4"x0'-2" WASHER PACKING PIECE.
8. STEEL DECK.
9. CONTINUOUS L2x2x1/4 WITH SIMPSON 1/4"x3" SDS SCREWS STAGGERED AT 8" O.C.



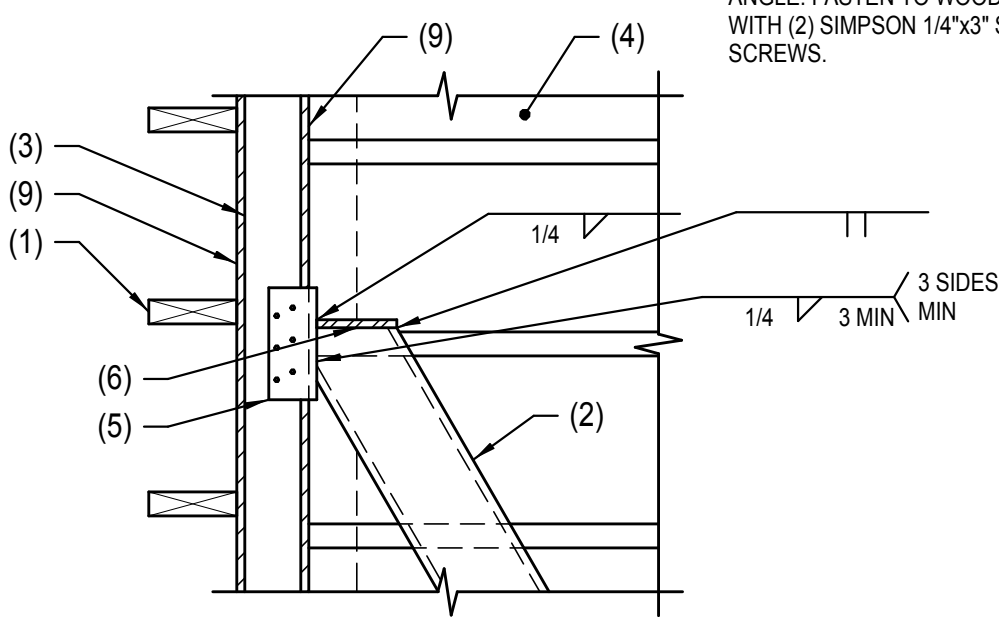
241 CANOPY STEEL JOIST AT WOOD BEAM

SCALE: NOT TO SCALE

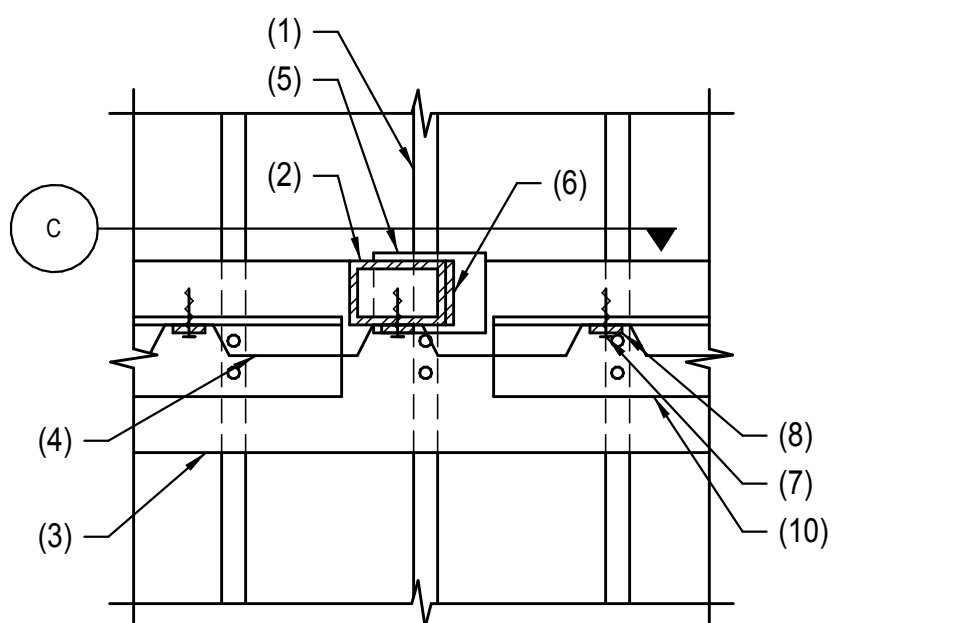
215156-X-DETAILS-241

NOTES:

1. WOOD STUD WALL.
2. STEEL JOIST.
3. WOOD LEDGER AND ATTACHMENT.
4. STEEL DECK.
5. L3x3x1/4 FASTEN TO LEDGER WITH (6) 10d NAILS AT TOP FLANGE.
6. 1/4" CAP PLATE.
7. 1/4"x1" SELF DRILLING BUILD-EX TEK SCREWS.
8. 1/4"x2"x0'-2" WASHER PACKING PIECE.
9. SHEATHING.
10. L3x3x1/4 STEEL DECK SUPPORT ANGLE. FASTEN TO WOOD STUDS WITH (2) SIMPSON 1/4"x3" SDS SCREWS.



PLAN



NOTE:
A. SHEATHING NOT SHOWN IN ELEVATION FOR CLARITY.
B. AT SIM, STEEL JOIST AND WOOD LEDGER IS AT WOOD BEAM.

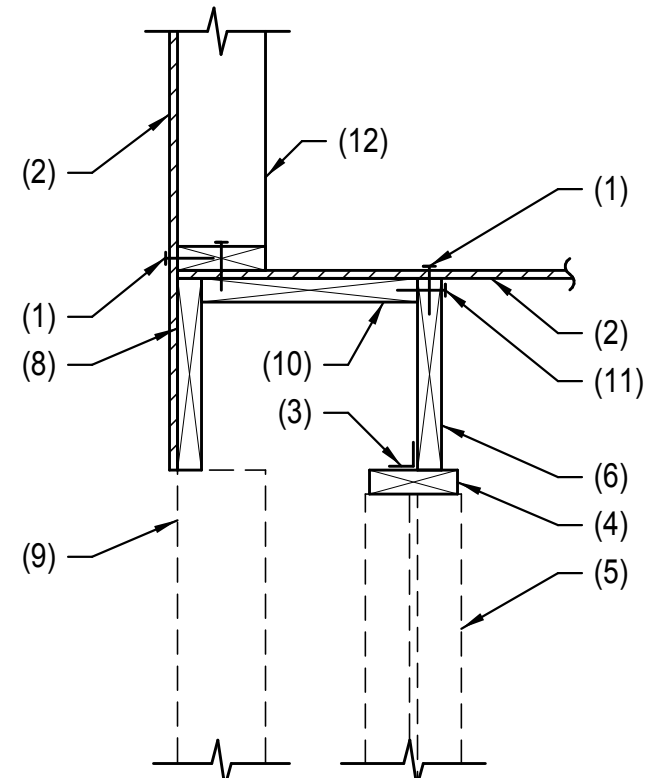
242 CANOPY STEEL JOIST AT WOOD STUD WALL

SCALE: NOT TO SCALE

215156-X-DETAILS-242

NOTES:

1. EDGE ATTACHMENT.
2. SHEATHING.
3. SIMPSON A35 AT 8" O.C.
4. WOOD NAILER BY OTHERS.
5. STEEL MOMENT FRAME COLUMN BY OTHERS.
6. CONTINUOUS 1 3/4" LVL COLLECTOR AT MOMENT FRAMES.
7. SILL PLATE ATTACHMENT AT FRAMING.
8. RIM BOARD.
9. EXTERIOR WALL BELOW AS OCCURS.
10. CONTINUOUS 1 3/4" LVL NAILER.
11. SILL PLATE ATTACHMENT AT FRAMING.
12. WOOD STUD WALL.



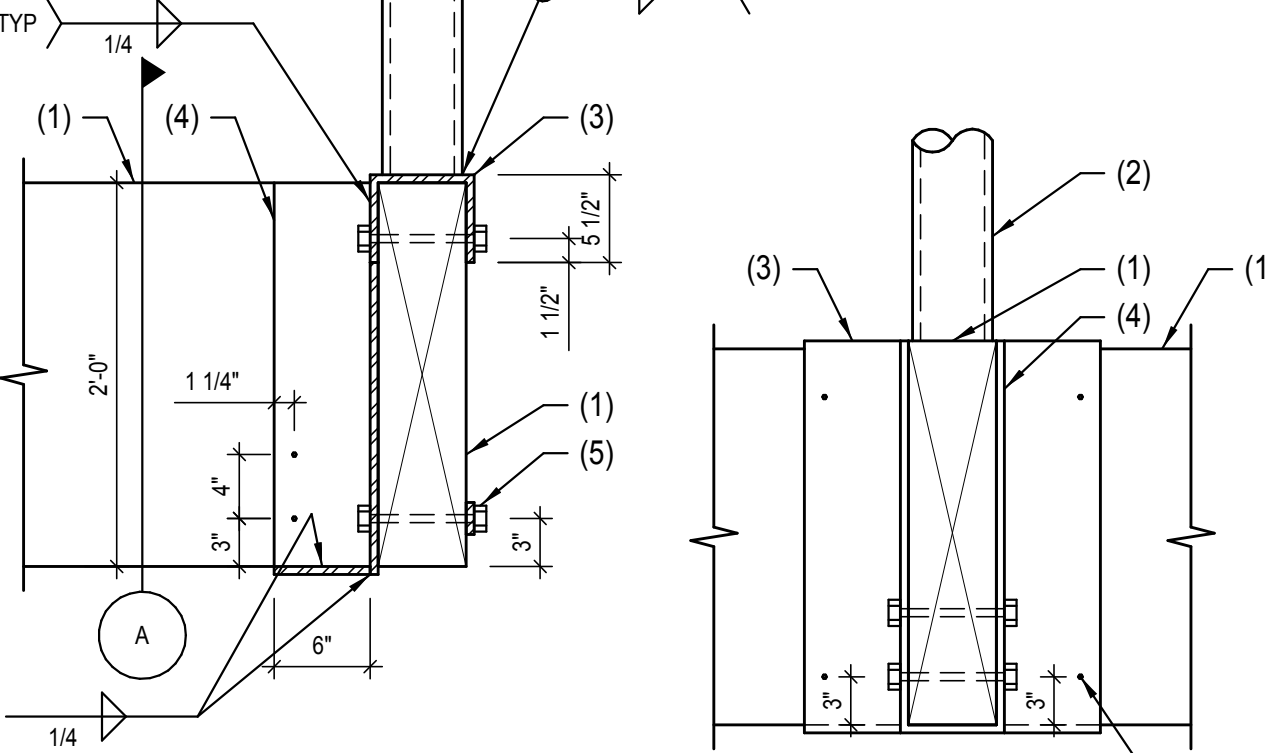
238 WOOD COLLECTOR AT STEEL MOMENT FRAMES

SCALE: NOT TO SCALE

215156-X-DETAILS-238

NOTES:

1. WOOD BEAM.
2. STEEL COLUMN.
3. 1/4" BENT "U" PLATE WITH (2) 1" DIA. THRU BOLTS, TYPICAL.
4. (2) SKEWED 1/4" STEEL PLATES.
5. (2) 1" DIA. THRU BOLT WITH 1/4"x2" SQUARE. INSTALL BOLT IN VERTICAL SHORT SLOTTED HOLE.



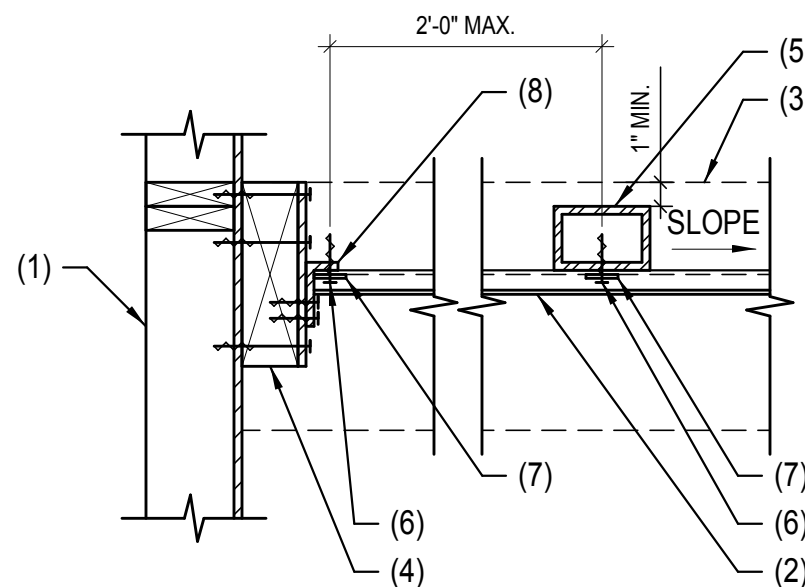
239 STEEL COLUMNS AT WOOD BEAMS

SCALE: NOT TO SCALE

215156-X-DETAILS-239

NOTES:

1. WOOD STUD WALL.
2. STEEL DECK.
3. WOOD BEAM BEYOND.
4. WOOD LEDGER.
5. STEEL JOIST.
6. 1/4"x1" SELF DRILLING TEK SCREWS.
7. 1/4"x2"x0'-2" WASHER PACKING PIECE.
8. L4x2x1/4 DECK SUPPORT ANGLE WITH (2) 1/4"x3" SIMPSON SDS SCREWS.



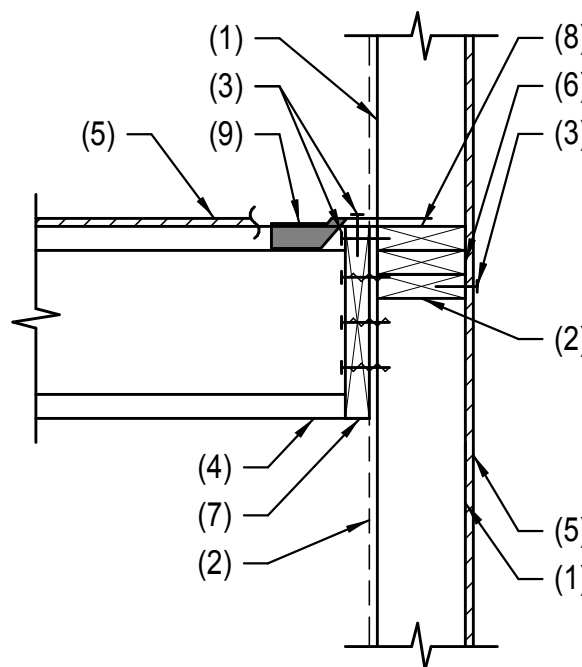
240 CANOPY FRAMING AT WOOD STUD WALL

SCALE: NOT TO SCALE

215156-X-DETAILS-240

NOTES:

1. WOOD STUD WALL.
2. 5/8" GYPBOARD PER ARCHITECT.
3. EDGE ATTACHMENT, U.N.O.
4. WOOD JOIST AT STAIR LANDING.
5. SHEATHING.
6. DOUBLE 2x TOP PLATE.
7. WOOD LEDGER AND ATTACHMENT.
8. 2x BOTTOM PLATE.
9. SIMPSON H6 TIE AT 32" O.C. UNDER SHEATHING.



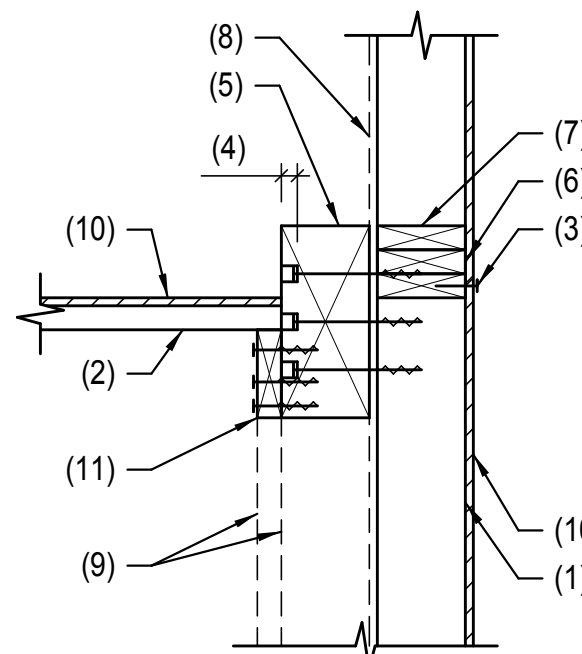
235 STAIR LANDING AT WOOD STUD WALL

SCALE: NOT TO SCALE

215156-X-DETAILS-235

NOTES:

1. WOOD STUD WALL.
2. TREAD PER TYPICAL DETAIL.
3. EDGE ATTACHMENT, U.N.O.
4. PRE-DRILL TO ENSURE SCREW HEAD PENETRATES THE BEAM 1".
5. WOOD STRINGER SUPPORT BEAM. FASTEN TO WOOD STUD WALL WITH (3) SIMPSON SDWC15600 SCREWS AT EACH STUD.
6. DOUBLE 2x TOP PLATE, MATCH SLOPE OF STRINGER.
7. 2x SILL PLATE.
8. 5/8" GYP PER ARCHITECTURAL.
9. STRINGER AND STRINGER SUPPORT BEAM BEYOND.
10. SHEATHING.
11. WOOD STRINGER.



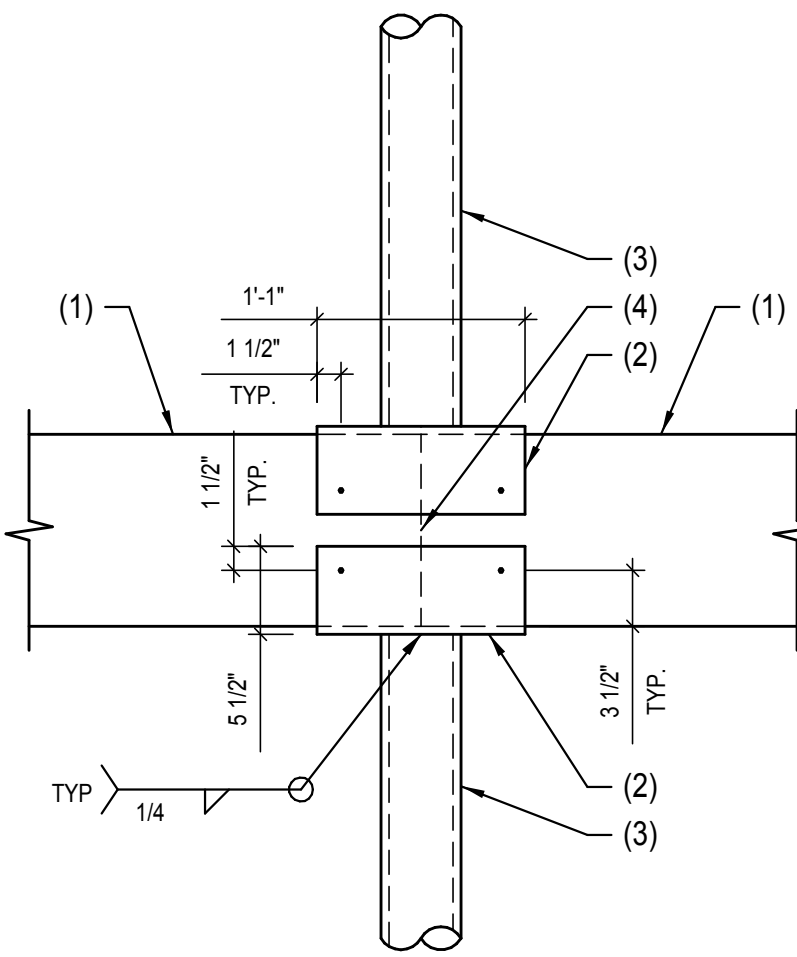
236 STRINGER SUPPORT BEAM AT WOOD STUD WALL

SCALE: NOT TO SCALE

215156-X-DETAILS-236

NOTES:

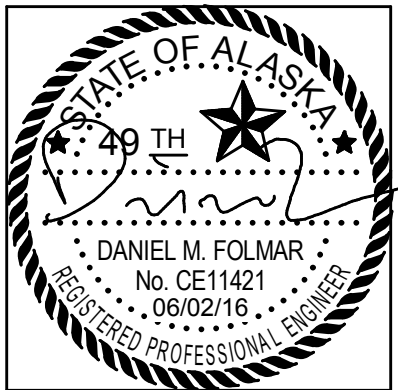
1. WOOD BEAM.
2. 1/4" BENT "U" PLATE WITH (2) 1" DIA. THRU-BOLTS - TYPICAL.
3. STEEL COLUMN.
4. BEAM SPLICE AS OCCURS.



237 WOOD BEAM AT STEEL COLUMN

SCALE: NOT TO SCALE

215156-X-DETAILS-237



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REVISION SCHEDULE

#	DESCRIPTION	DATE
1	CONTRACTOR RESPONSE	Date 1
3	MOA RESPONSE	06/02/16

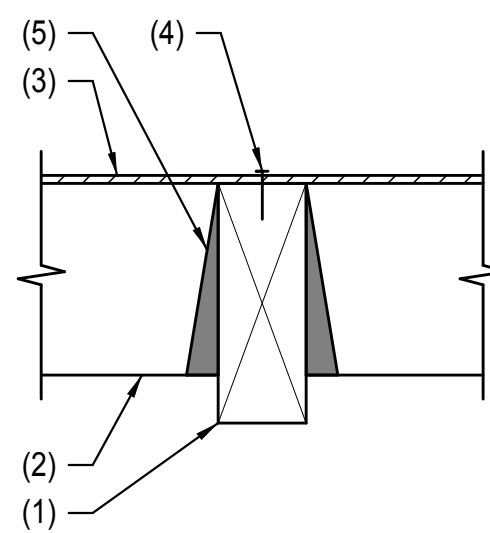
JOB NO. 215156
DATE 04.11.2016
DRAWN MEH
REVIEWED ZDS, DMF

SHEET NAME
FRAMING DETAILS

SHEET NO.
S4.03

NOTES:

1. WOOD BEAM.
2. WOOD JOIST.
3. WOOD SHEATHING.
4. EDGE ATTACHMENT, U.N.O.
5. SIMPSON HUS TYPE HANGER.



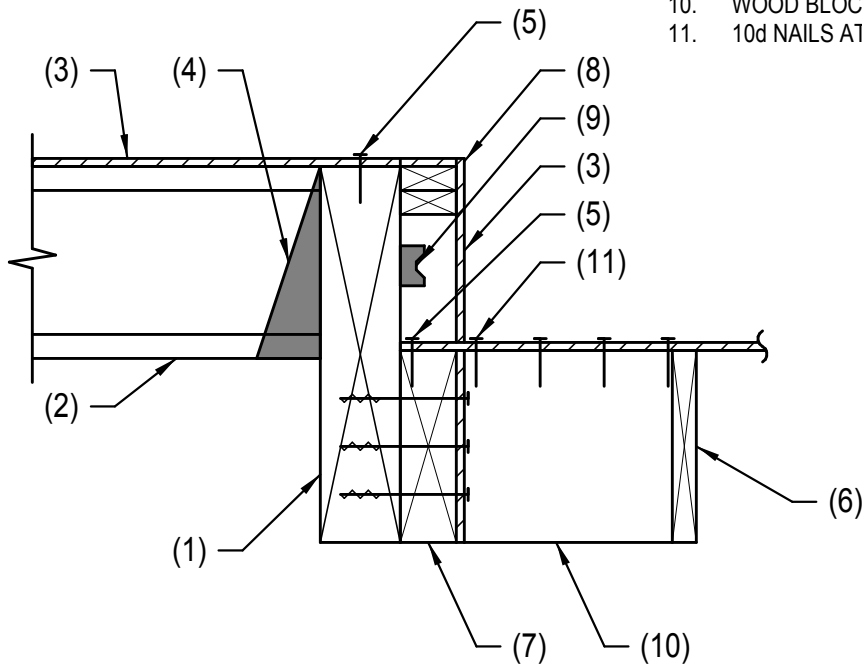
254 WOOD JOIST AT WOOD BEAM

SCALE: NOT TO SCALE

215156-X-DETAILS-254

NOTES:

1. WOOD BEAM.
2. WOOD JOIST.
3. SHEATHING.
4. SIMPSON IUS TYPE HANGER.
5. EDGE ATTACHMENT, U.N.O.
6. WOOD JOIST.
7. WOOD LEDGER AND ATTACHMENT.
8. WOOD STUD STORE FRONT.
9. SUPPORT WALL AS OCCURS.
10. SIMPSON A34 CLIP AT 16" O.C.
11. WOOD BLOCKING.
12. 10d NAILS AT 4" O.C. INTO BLOCKING.



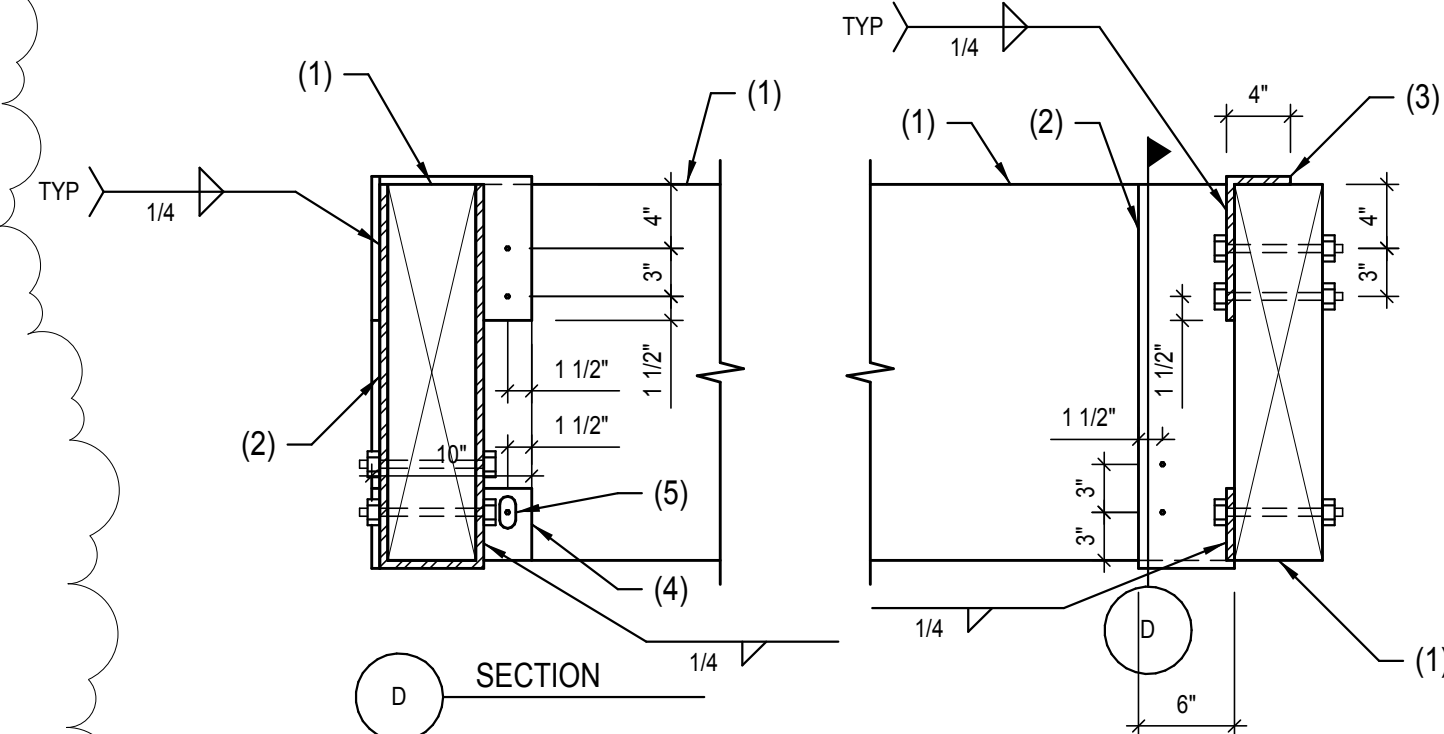
255 DECK JOIST AT WOOD BEAM

SCALE: NOT TO SCALE

215156-X-DETAILS-255

NOTES:

1. WOOD BEAM.
2. 1/4" BENT "U" PLATE WITH (2) 1" DIA. THRU-BOLTS, WITH PLATE WASHERS ON BACK SIDE.
3. 1/4" STEEL BENT PLATE.
4. 1/4" x 4" x 0'-3" STEEL PLATE.
5. (1) 1" DIA. THRU BOLT, IN SHORT SLOTTED HOLES, WITH PLATE WASHERS ON BACK SIDE.



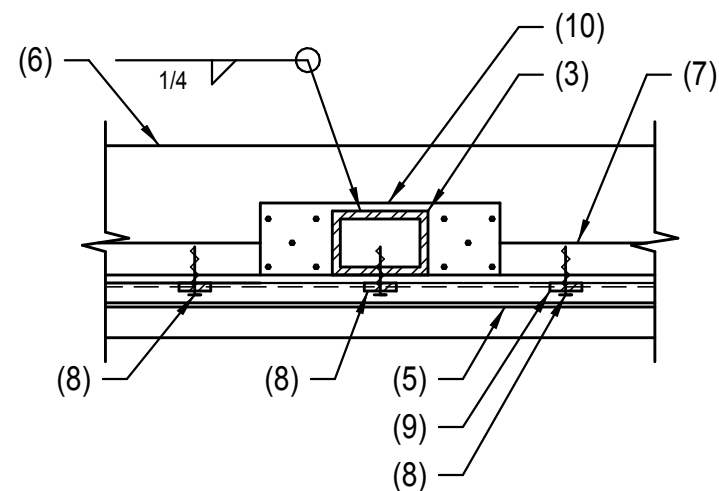
251 WOOD CANOPY BEAM AT WOOD CANOPY BEAM

SCALE: NOT TO SCALE

215156-X-DETAILS-251

NOTES:

1. WOOD STUD WALL.
2. WOOD HEADER.
3. STEEL JOIST.
4. STEEL BEAM.
5. STEEL DECK.
6. WOOD LEDGER AND ATTACHMENT.
7. CONTINUOUS L2x2x1/4 WITH SIMPSON 1/4" x 3" SDS SCREWS STAGGERED AT 9" O.C.
8. 1/4" x 3" SELF DRILLING BUILD-EX TEK SCREWS.
9. 1/4" x 1 3/4" x 0'-2" WASHER PACKING PIECE.
10. 1/4" x 4 1/2" x 1'-3" STEEL PLATE.



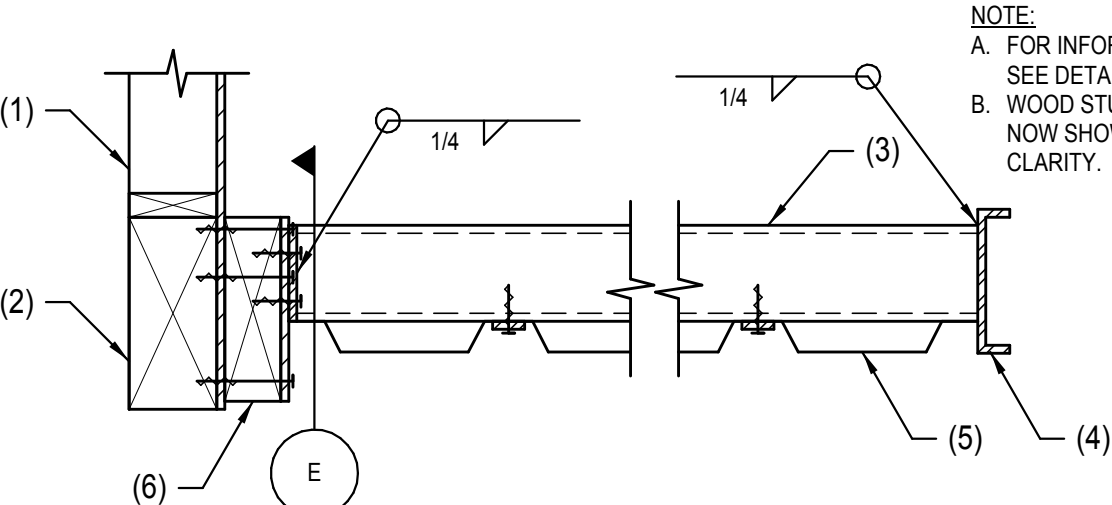
252 STEEL JOIST AT WOOD HEADER

SCALE: NOT TO SCALE

215156-X-DETAILS-252

NOTE:

- A. FOR INFORMATION NOT SHOWN SEE DETAIL 241.
B. WOOD STUDS AND SHEATHING NOW SHOWN IN SECTION FOR CLARITY.



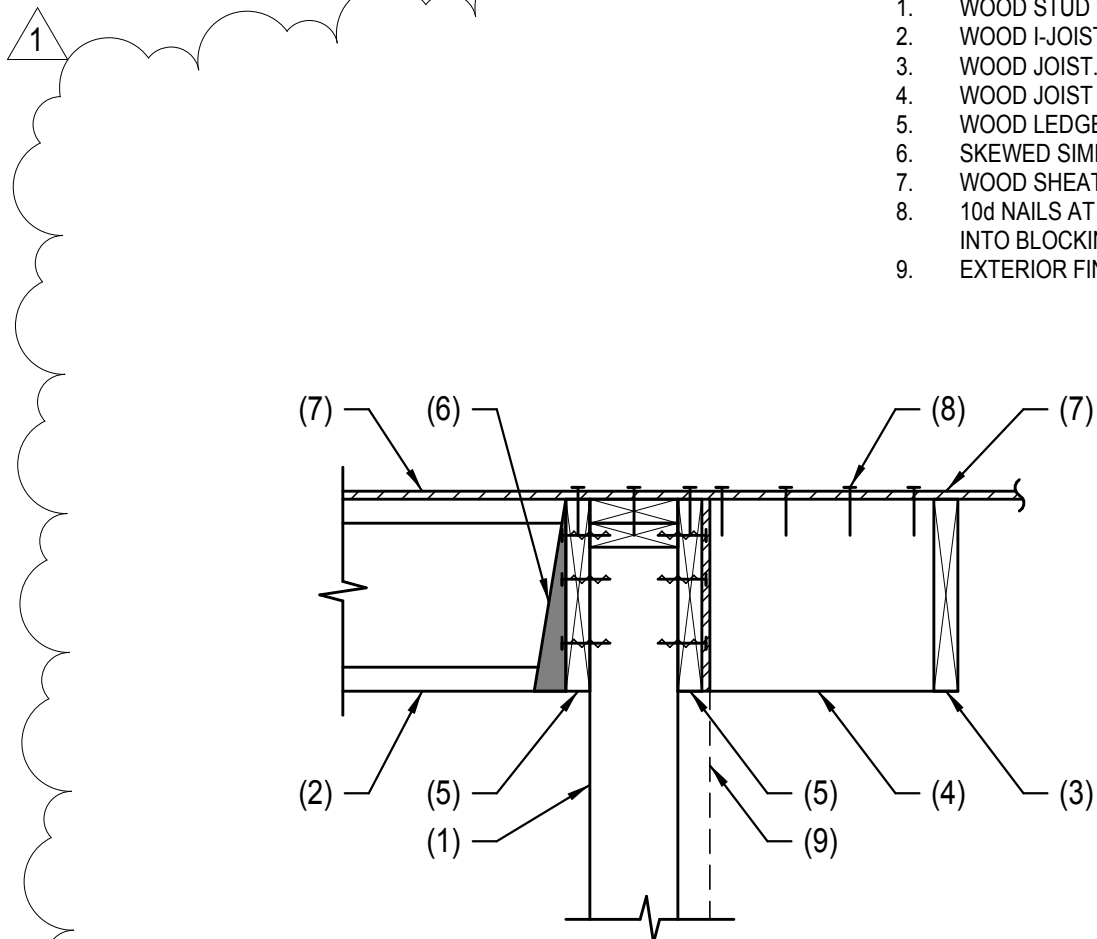
253 DECK JOIST AT WOOD STUD WALL

SCALE: NOT TO SCALE

215156-X-DETAILS-253

NOTES:

1. WOOD STUD WALL.
2. WOOD JOIST.
3. WOOD JOIST BLOCKING.
4. WOOD LEDGER AND ATTACHMENT.
5. SKEWED SIMPSON HU TYPE HANGER.
6. WOOD SHEATHING.
7. 10d NAILS AT 4" O.C. INTO BLOCKING.
8. EXTERIOR FINISHES PER ARCHITECTURAL.



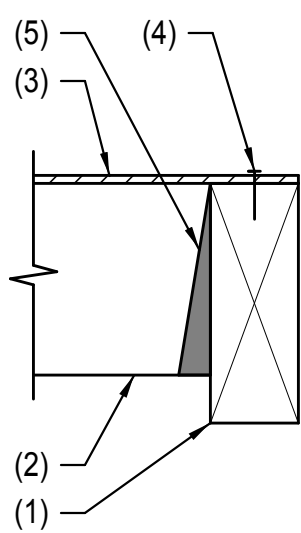
254 DECK JOIST AT WOOD STUD WALL

SCALE: NOT TO SCALE

215156-X-DETAILS-254

NOTES:

1. WOOD BEAM.
2. WOOD JOIST.
3. WOOD SHEATHING.
4. EDGE ATTACHMENT, U.N.O.
5. SIMPSON HUS TYPE HANGER.



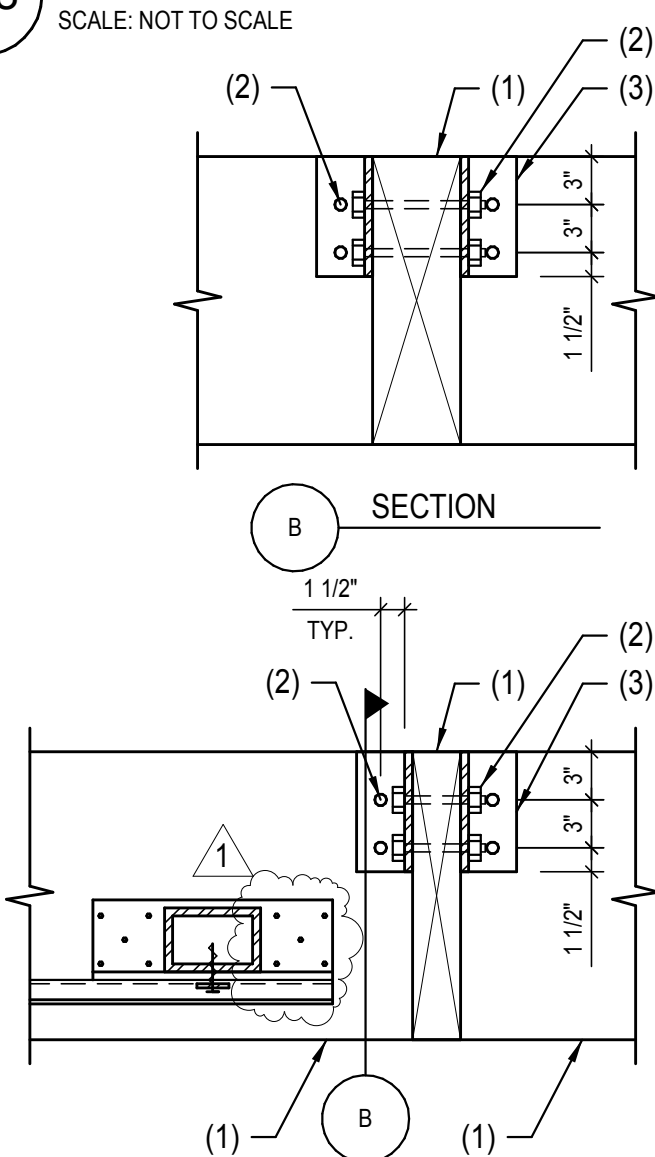
248 WOOD JOIST AT WOOD BEAM

SCALE: NOT TO SCALE

215156-X-DETAILS-248

NOTES:

1. WOOD BEAM.
2. (4) 3/4" DIA. THRU BOLTS.
3. L3x3x1/4 x 0'-7 1/2" STEEL ANGLE.



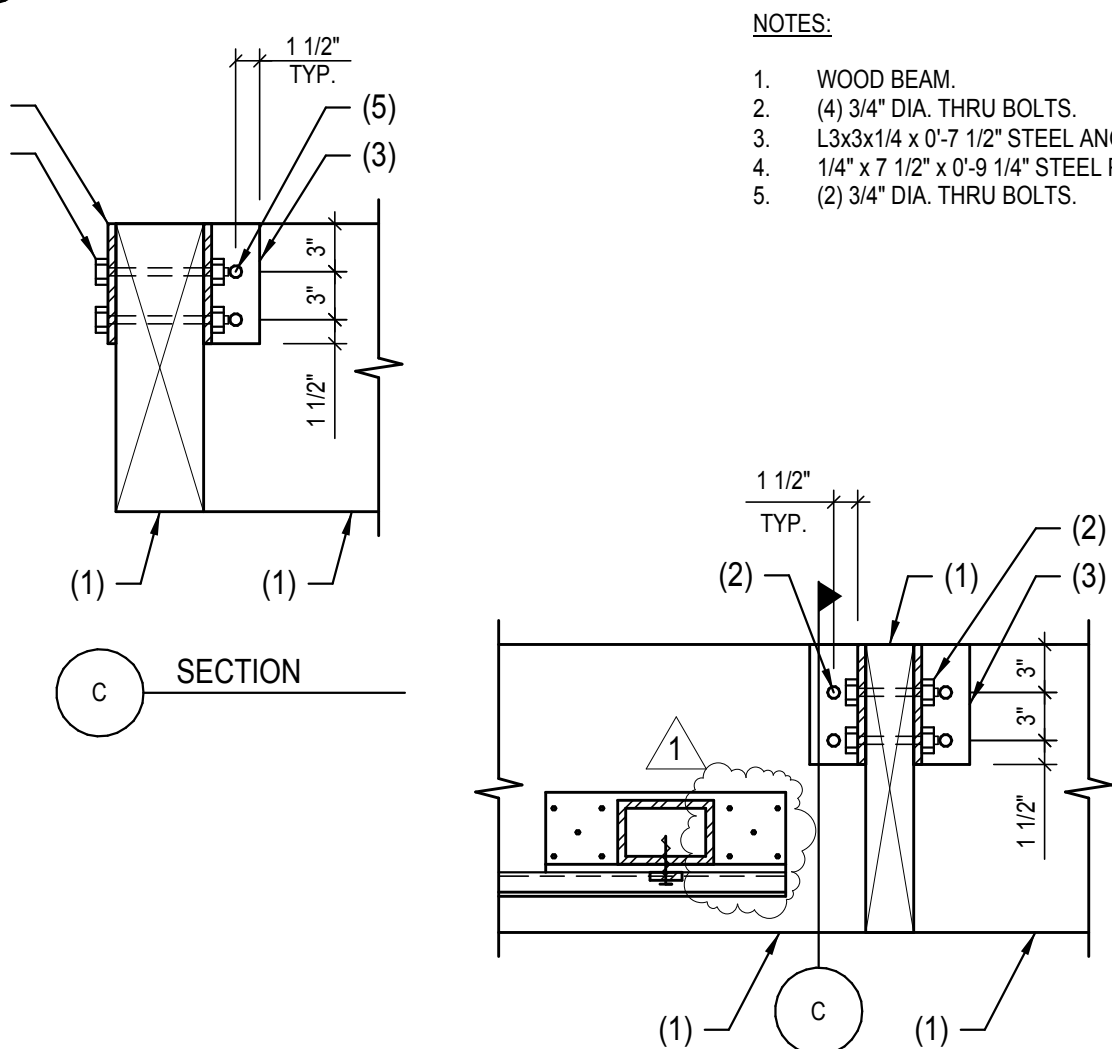
249 WOOD CANOPY BEAM AT WOOD CANOPY BEAM

SCALE: NOT TO SCALE

215156-X-DETAILS-249

NOTES:

1. WOOD BEAM.
2. (4) 3/4" DIA. THRU BOLTS.
3. L3x3x1/4 x 0'-7 1/2" STEEL ANGLE.
4. 1/4" x 7 1/2" x 0'-9 1/4" STEEL PLATE.
5. (2) 3/4" DIA. THRU BOLTS.



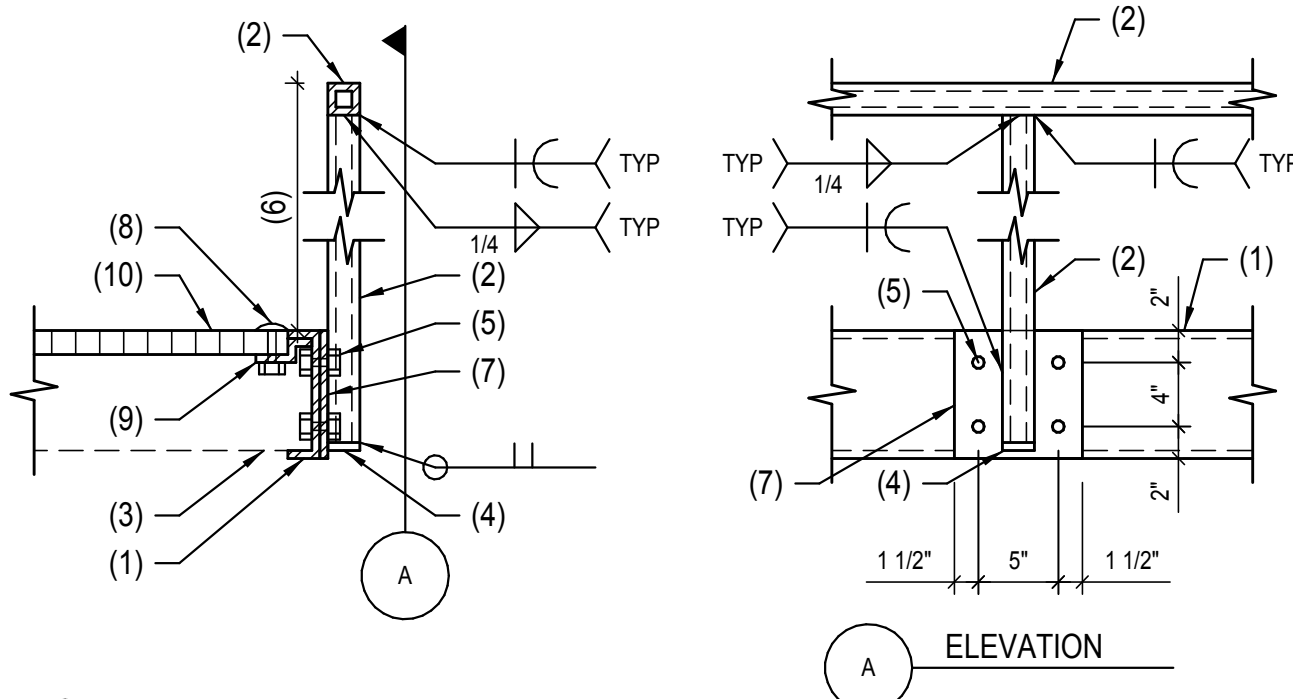
250 WOOD CANOPY BEAM AT WOOD CANOPY BEAM

SCALE: NOT TO SCALE

215156-X-DETAILS-250

NOTES:

1. STEEL BEAM.
2. HSS2x2x3/16.
3. STEEL BEAM BEYOND.
4. 3/16" CAP PLATE.
5. (4) 1/2" DIA. BOLTS.
6. PER ARCHITECTURAL.
7. 1/4" STEEL PLATE.
8. FC140 FIBERGRATE HOLDOWN CLIP AT 24" O.C.
9. 1/2" CONTINUOUS BENT PLATE.
10. FIBERGRATE GRATING PER ARCHITECT.



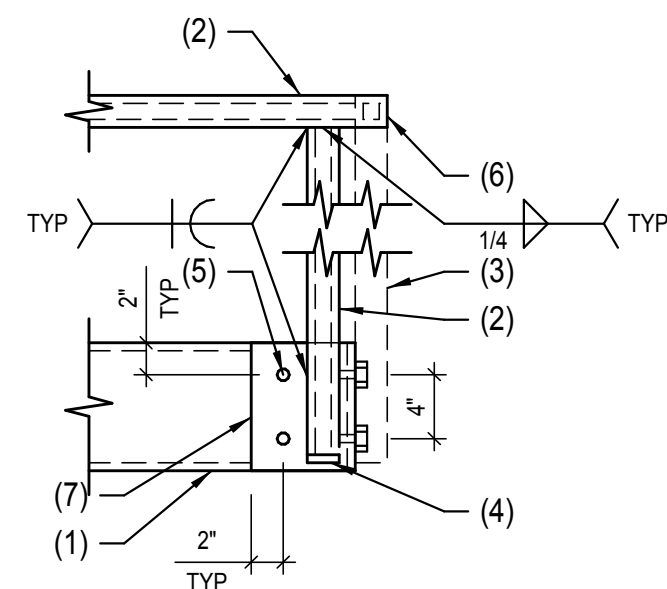
245 STEEL RAIL AT STEEL BEAM

SCALE: NOT TO SCALE

215156-X-DETAILS-245

NOTES:

1. STEEL BEAM.
2. HSS2x2x3/16.
3. STEEL TUBE BEYOND.
4. 3/16" CAP PLATE.
5. (4) 1/2" DIA. BOLTS.
6. AT CORNER MITER TUBE.
7. 1/4" STEEL BENT PLATE.



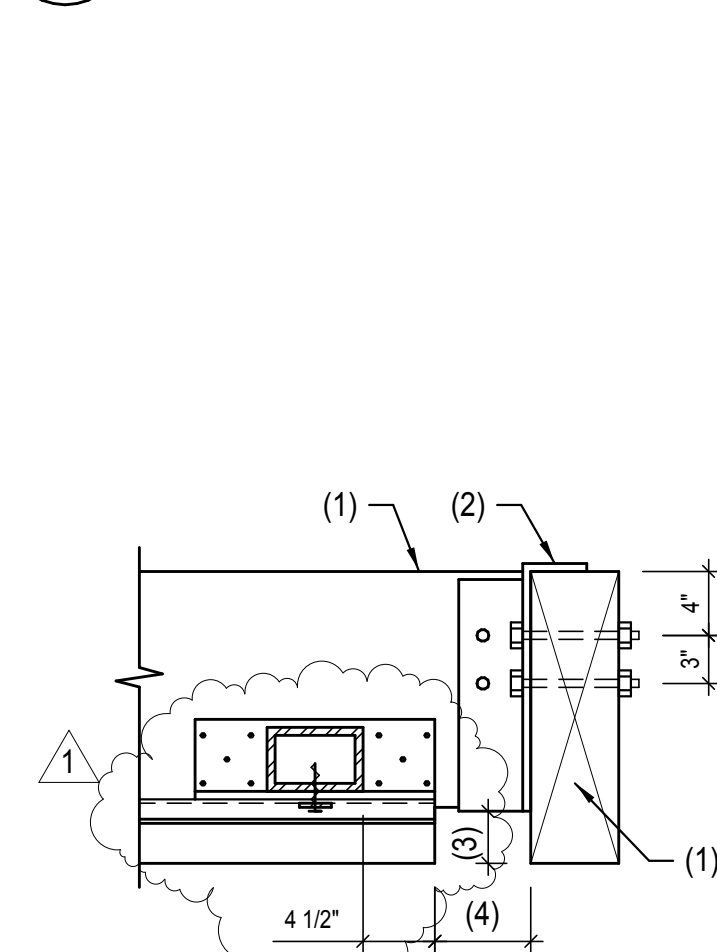
246 STEEL RAIL AT STEEL BEAM CORNER

SCALE: NOT TO SCALE

215156-X-DETAILS-246

NOTES:

1. WOOD BEAM.
2. SIMPSON LEGS WITH TOP FLANGE USE HEIGHT = 14 3/4".
3. NOTCH BEAM 3 1/4" MAX.
4. NOTCH BEAM 6" MAX.



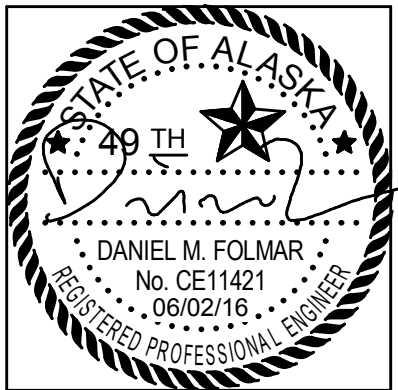
247 WOOD CANOPY BEAM AT WOOD CANOPY BEAM

SCALE: NOT TO SCALE

215156-X-DETAILS-247

NOTE:

- FOR INFORMATION NOT SHOWN SEE DETAIL 241.



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SPENARD MIXED USE
PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE

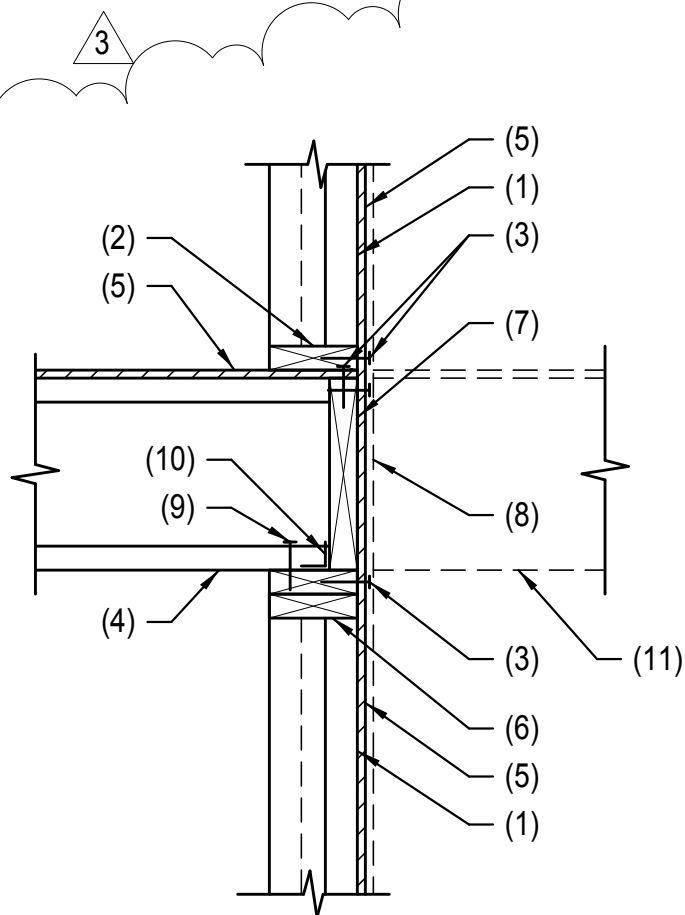
#	DESCRIPTION	DATE
1	CONTRACTOR RESPONSE	Date 1

JOB NO. 215156
DATE 04.11.2016
DRAWN MEH
REVIEWED ZDS, DMF

SHEET NAME
FRAMING DETAILS

SHEET NO.

S4.04



NOTES:

1. WOOD STUD WALL.
2. 2x BOTTOM PLATE.
3. EDGE ATTACHMENT, U.N.O.
4. WOOD I-JOIST.
5. SHEATHING.
6. DOUBLE 2x TOP PLATE.
7. 1 3/4\" LVL 2800 RIM BOARD.
8. 5/8\" GYPBOARD PER ARCHITECT.
9. (2) 10d NAILS INTO TOP PLATE.
10. SIMPSON A35 AT 16\" O.C.
11. SEE DETAIL 208 FOR FRAMING SPECIFICATIONS.

NOTE:
AT SIM, WALL ABOVE DOES NOT OCCUR.

258 WOOD I-JOIST AT WOOD STUD WALL

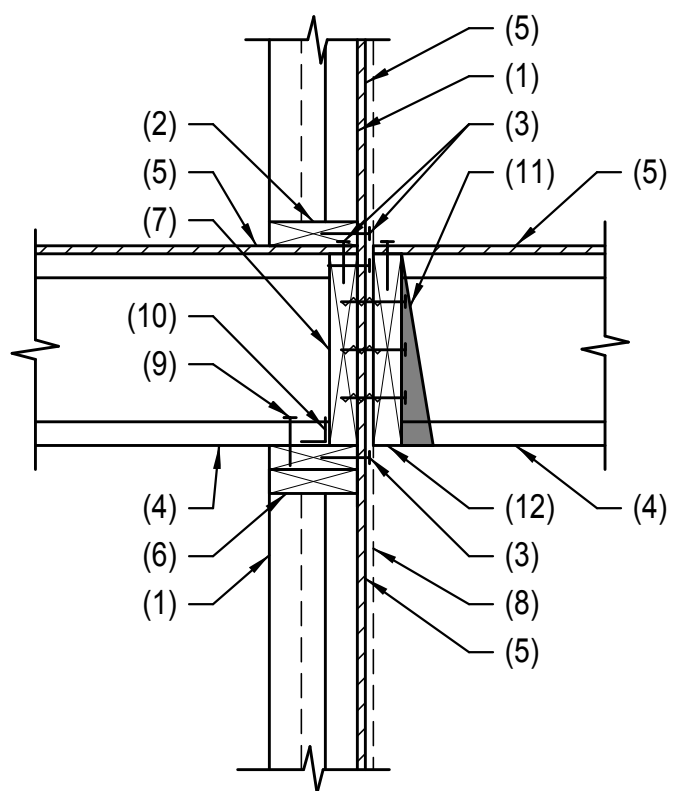
SCALE: NOT TO SCALE

215156-X-DETAILS-258

NOTES:

1. WOOD STUD WALL.
2. 2x BOTTOM PLATE.
3. EDGE ATTACHMENT, U.N.O.
4. WOOD I-JOIST.
5. SHEATHING.
6. DOUBLE 2x TOP PLATE.
7. 1 3/4\" LVL 2800 RIM BOARD.
8. 5/8\" GYPBOARD PER ARCHITECT.
9. (2) 10d NAILS INTO TOP PLATE.
10. SIMPSON A35 AT 16\" O.C.
11. SIMPSON MIU TYPE HANGER.
12. WOOD LEDGER AND ATTACHMENT.

NOTE:
AT SIM, WALL ABOVE DOES NOT OCCUR.



259 WOOD I-JOIST AT WOOD LEDGER

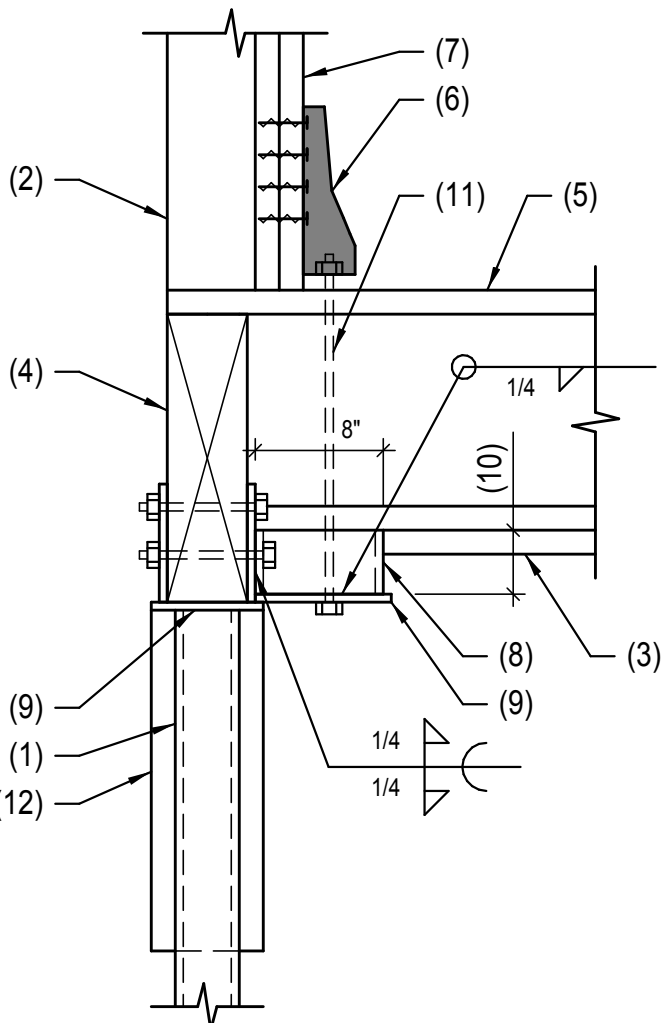
SCALE: NOT TO SCALE

215156-X-DETAILS-259

NOTES:

1. STEEL COLUMN.
2. WOOD STUD WALL.
3. DOUBLE 2x TOP PLATE.
4. WOOD BEAM.
5. 2x SILL PLATE.
6. HDU8 SDS 2.5.
7. (2) 2xSTUDS.
8. HSS8x4x1/4, MAX TUBE DEPTH DETERMINED BY HOLDOWN PLACEMENT.
9. 1/2\" STEEL PLATE.
10. 2\" MIN.
11. 7/8\" DIA. THREADED ROD.
12. 1/2\" STEEL PLATE SIMILAR TO DETAIL 231.

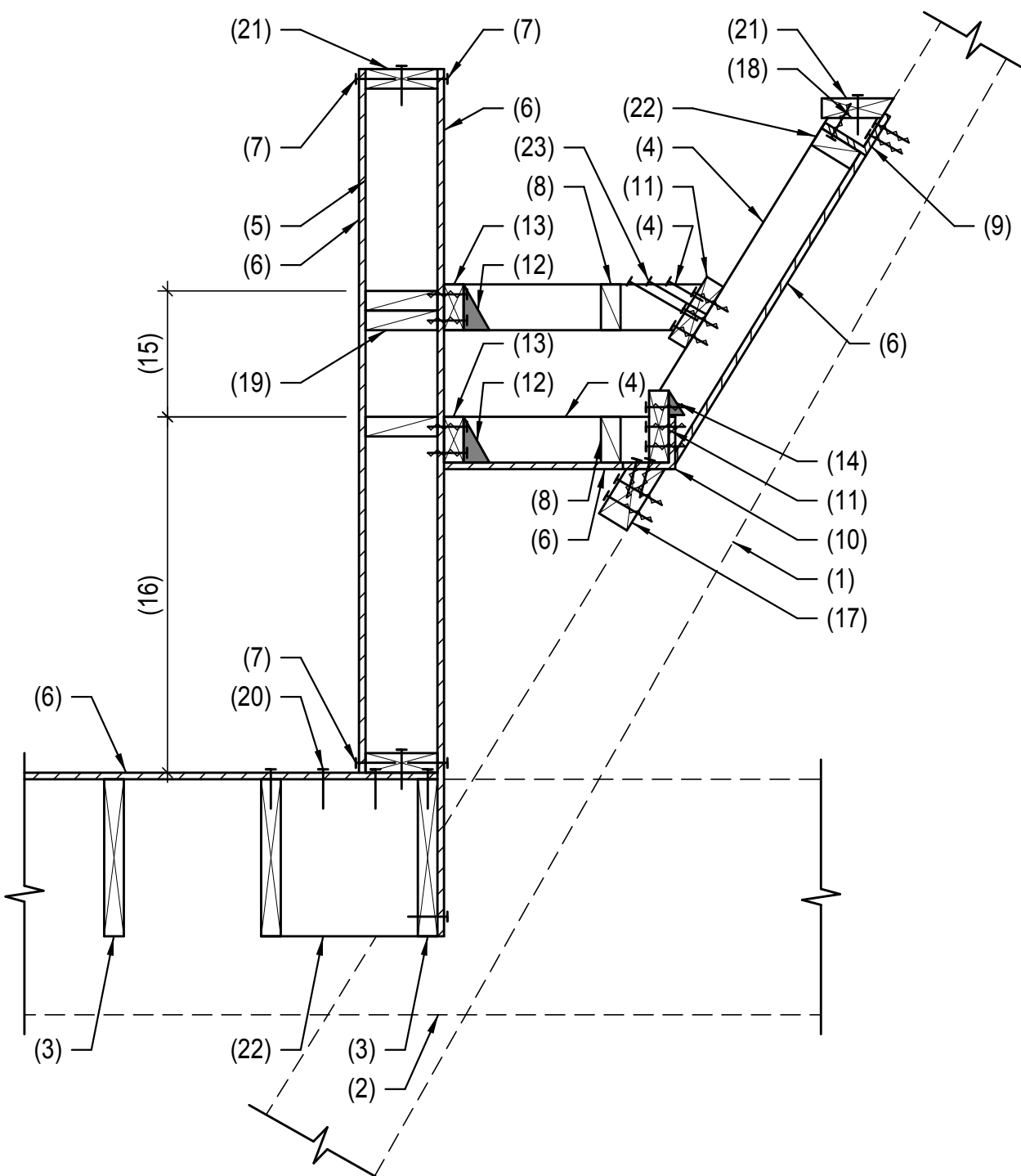
NOTE:
SEE DETAIL 231 FOR INFORMATION SHOWN BUT NOT SPECIFIED.



260 HOLDOWN AT STEEL COLUMN

SCALE: NOT TO SCALE

215156-X-DETAILS-260



257 WOOD DECK JOIST AT WOOD PLANTER FRAMING

SCALE: NOT TO SCALE

215156-X-DETAILS-257

NOTES:

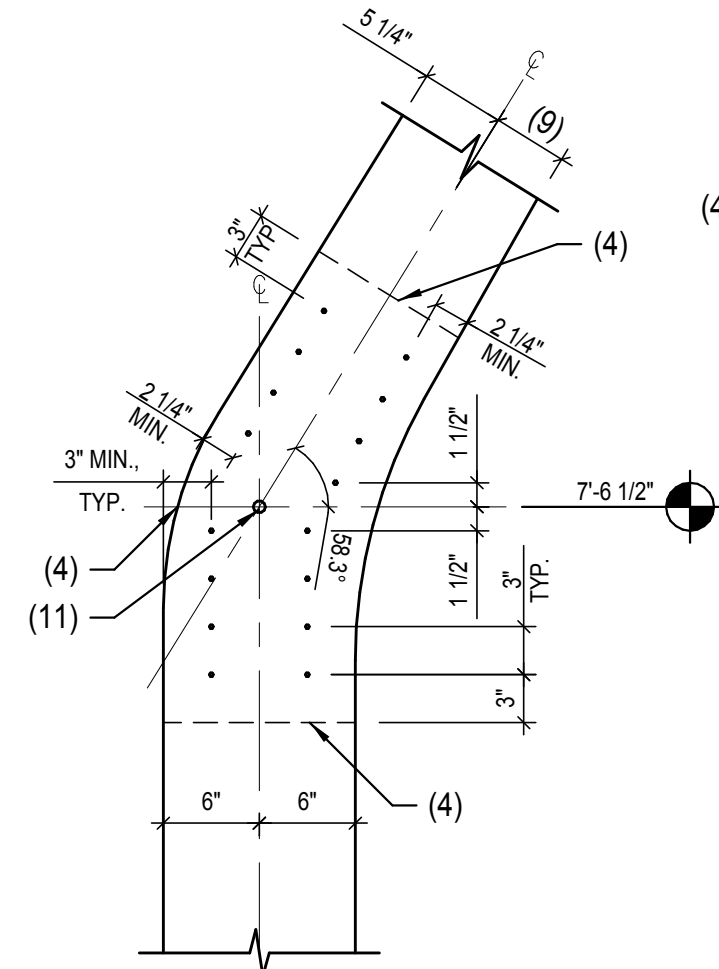
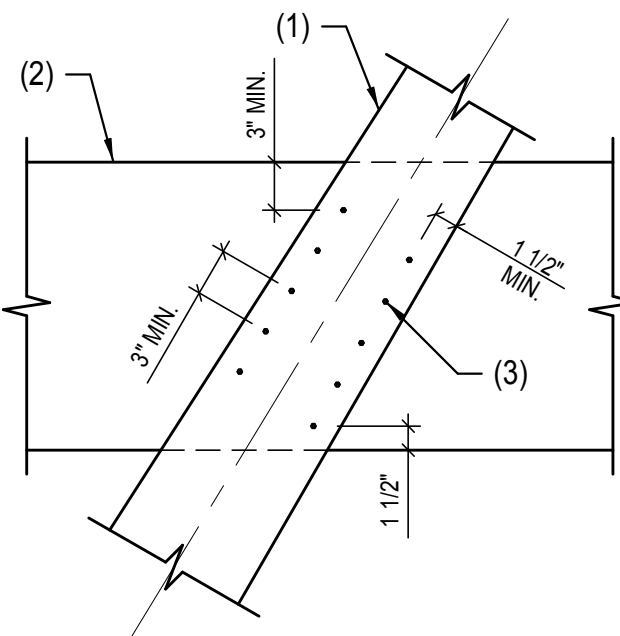
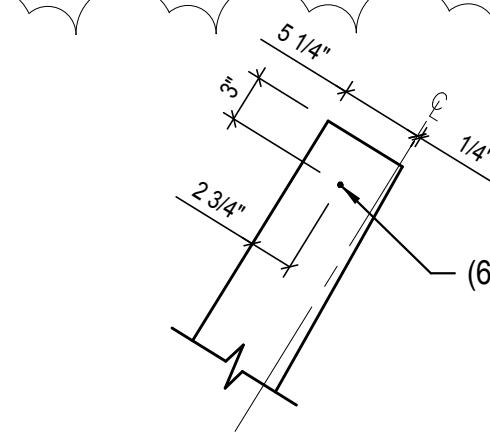
1. WOOD COLUMN.
2. WOOD BEAM BEYOND.
3. WOOD JOIST.
4. 2x4 WOOD JOIST AT 16\" O.C. AT STEEL ANGLE FASTEN JOIST WITH 1/4\"x1\" SELF DRILLING TEK SCREWS
5. 2x6 WOOD STUD WALL.
6. SHEATHING.
7. EDGE NAILING U.N.O.
8. 2x BLOCKING.
9. L3 1/2x3 1/2x1/4, CENTER SPLICES ON WOOD COLUMNS. FASTEN EACH ANGLE TO COLUMN WITH (2) 1/4\"x3\" SDS SCREWS.
10. L4x4x1/4, CENTER SPLICES ON WOOD COLUMNS. FASTEN EACH ANGLE TO SHAPED 4x WITH (2) 1/4\"x3\" SCREWS
11. 2x6 LEDGER, FASTEN TO WOOD JOIST WITH (3) 1/4\"x2 1/2\" WOOD SCREWS.
12. SIMPSON HV TYPE HANGER.
13. 2x4 LEDGER, FASTEN TO WALL OR JOIST WITH (2) 1/4\"x2 1/2\" WOOD SCREWS.

14. SIMPSON RIDGE RAFTER CONNECTION.
15. VARIES PER ARCHITECTURAL, AT FIBER RESIN PANEL, 1'-2 1/2\".
16. PER ARCHITECTURAL.
17. SHAPED 4x MEMBER AT ANGLE CONNECTIONS TO COLUMN. FASTEN TO BOTH WOOD COLUMNS WITH (3) SIMPSON STAINLESS STEEL 1/4\"x3\" SCREWS.
18. SHAPED WOOD MEMBER AT 16\" O.C. FASTEN TO ANGLE WITH (2) 1/4\"x1\" SELF DRILLING TEK SCREWS.
19. DOUBLE 2x BLOCKING AT SCUPPER PER ARCHITECTURAL.
20. 10d NAILS AT 4\" O.C.
21. 2x TOP PLATE.
22. 2x BLOCKING AT 16\" O.C.
23. TOENAIL JOIST TO LEDGER WITH (3) 10d NAILS.

A ELEVATION

B ELEVATION

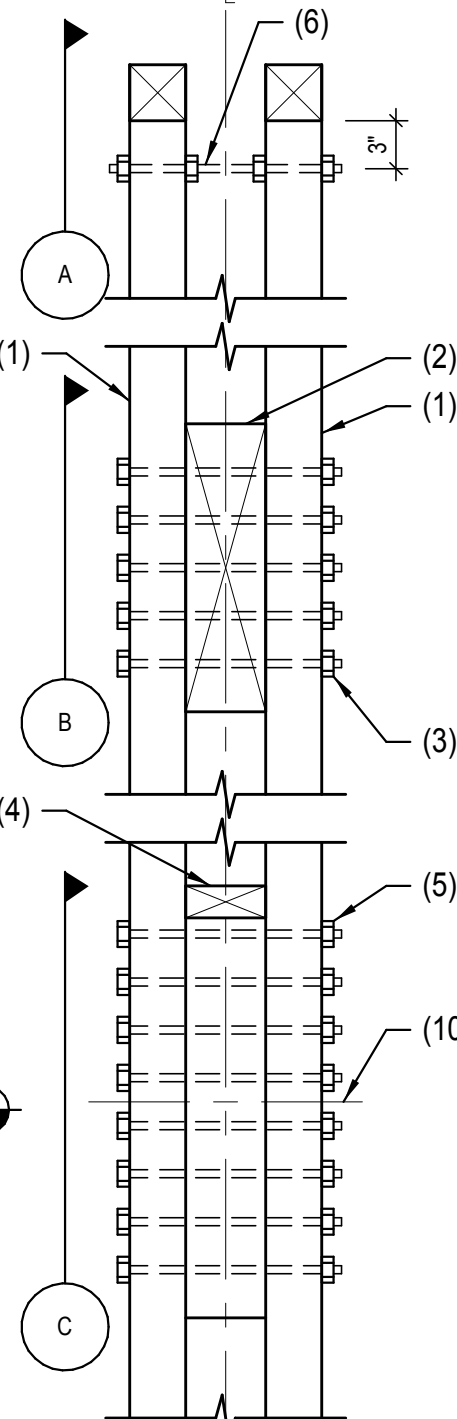
C ELEVATION



NOTES:

1. CONTINUOUS CANTED WOOD COLUMN.
2. WOOD BEAM (AT, SIM NO BEAM).
3. (10) 3/4\" DIA. THRU BOLTS (AT SIM, USE SAME BOLT PATTERN).
4. CUT TO MATCH CANTED COLUMN FILLER BLOCK.
5. (16) TOTAL 3/4\" DIA. THRU BOLTS. AT FILLER BLOCK.
6. (1) 3/4\" DIA THRU BOLT WITH (1) NUT ON INSIDE FACE OF EACH COLUMN. (AT SIM, USE THIS BOLT CONFIGURATION FOR NOTE 3 SIM).
7. ARC RADIUS = 2'-9 1/4\", LENGTH = 1'-5 1/8\".
8. OUTER ARC RADIUS = 1'-11 1/4\", LENGTH = 1'-0 27/32\".
9. VARIES, TAPER BOTTOM OF COLUMN TO FINAL DIMENSIONS SHOWN.
10. 6'-8 7/8\" ABOVE FINISHED FLOOR.
11. WORKING POINT.

NOTE:
INSTALL FLAT WASHERS ON EACH FACE OF BOLTED CONNECTIONS.



256 WOOD BEAM AT WOOD COLUMN

SCALE: NOT TO SCALE

215156-X-DETAILS-256

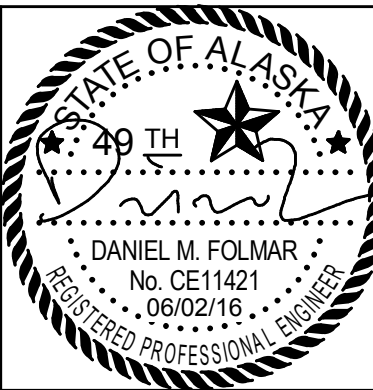
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PERMIT SET (100%)
ANCHORAGE, AK

REVISION SCHEDULE		
#	DESCRIPTION	DATE
1	CONTRACTOR RESPONSE	Date 1
3	MOA RESPONSE	06/02/16

JOB NO.	215156
DATE	04.11.2016
DRAWN	MEH
REVIEWED	ZDS, DMF

SHEET NAME
FRAMING DETAILS

SHEET NO.
S4.05



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