RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

Joe Frogge
Digitally signed by Joe Frogge
DN: CN=Joe Frogge, OU=Development, OU=LS Users, DC=COLS, DC=LOC
Reason: release for construction
Date: 2020.07.13 13:44:49-05'00'

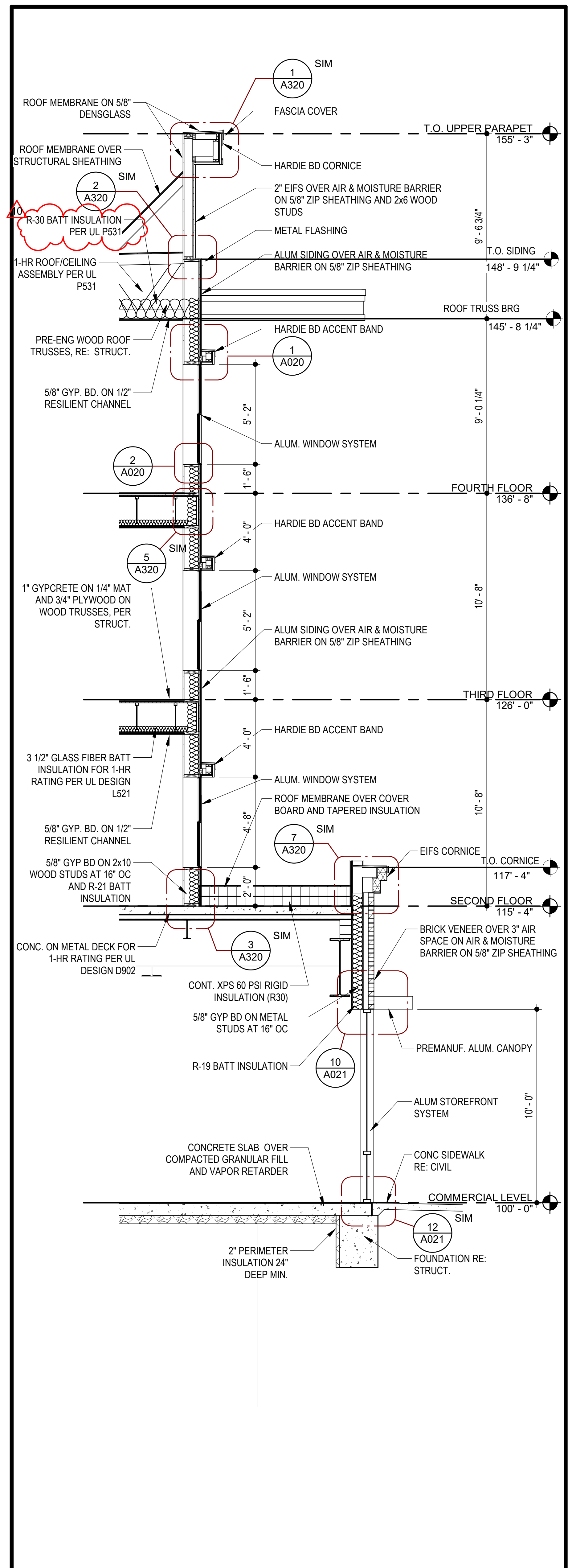
RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

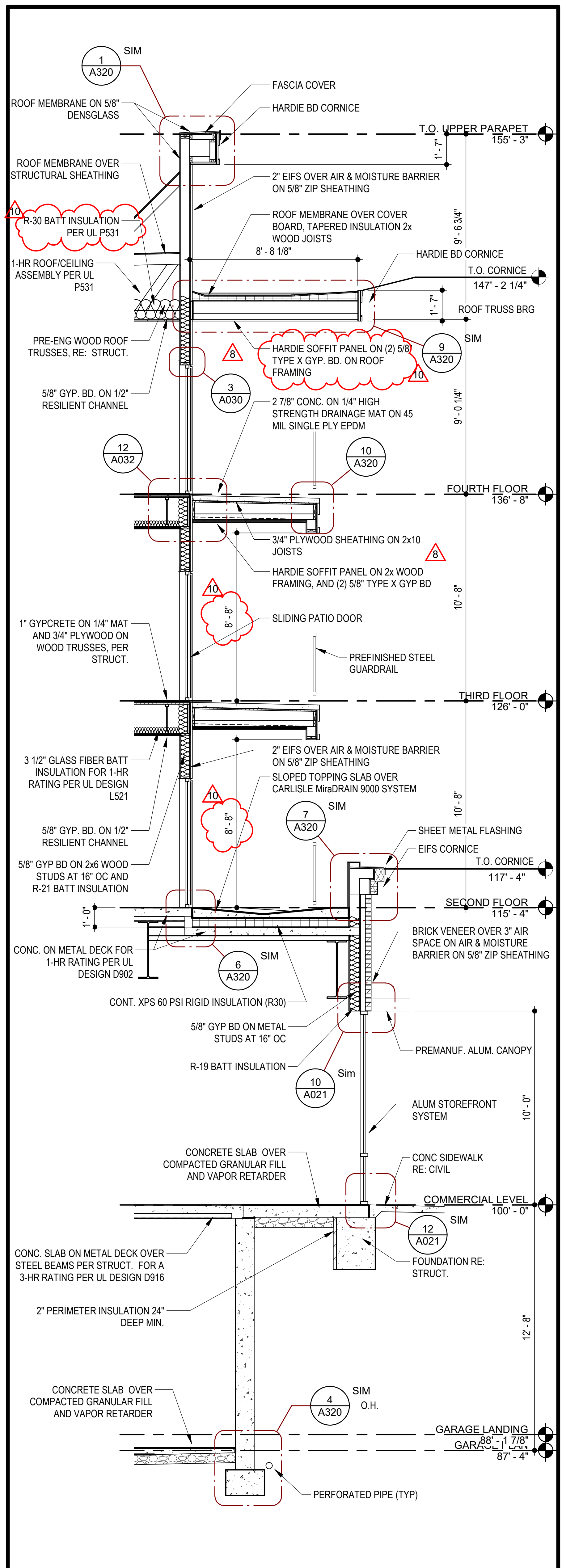
Pearl COMPANIES

Summit at West Pryor

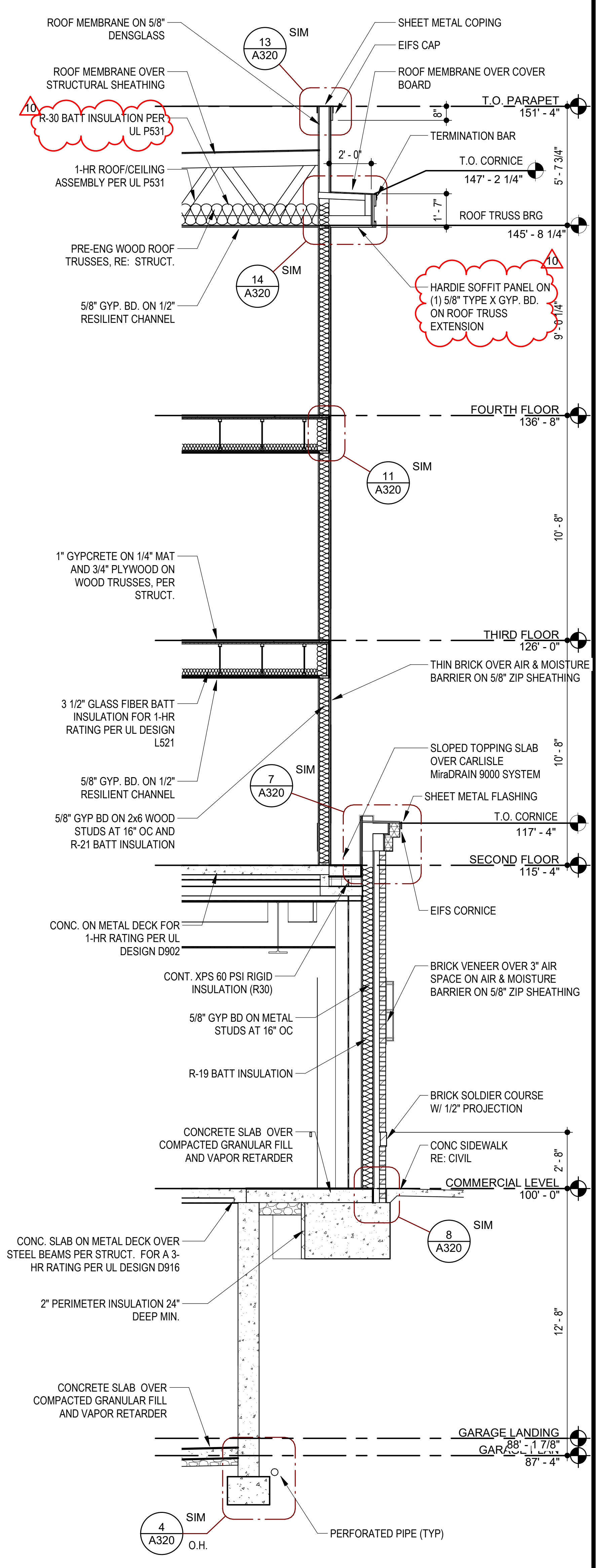
940 NW Pryor Road
Lee's Summit, Missouri 64081


1
A320
SIM
ROOF MEMBRANE ON 5/8" DENSGLASS
FASCIA COVER
T.O. UPPER PARAPET
155' - 3"
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
HARDIE BD CORNICE
2
A320
SIM
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING AND 2x6 WOOD STUDS
10
R-30 BATT INSULATION PER UL P531
METAL FLASHING
9' - 6 3/4"
T.O. SIDING
148' - 9 1/4"
1-HR ROOF/CEILING ASSEMBLY PER UL P531
ALUM SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
ROOF TRUSS BRG
145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE BD ACCENT BAND
1
A020
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5' - 2"
9' - 0 1/4"
ALUM. WINDOW SYSTEM
2
A020
1' - 6"
FOURTH FLOOR
136' - 8"
HARDIE BD ACCENT BAND
4' - 0"
5
A320
SIM
ALUM. WINDOW SYSTEM
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
10' - 8"
5' - 2"
ALUM SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
1' - 6"
THIRD FLOOR
126' - 0"
HARDIE BD ACCENT BAND
4' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
ALUM. WINDOW SYSTEM
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
10' - 8"
4' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
7
A320
SIM
EIFS CORNICE
5/8" GYP BD ON 2x10 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
T.O. CORNICE
117' - 4"
2' - 0"
SECOND FLOOR
115' - 4"
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
3
A320
SIM
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONT. XPS 60 PSI RIGID INSULATION (R30)
5/8" GYP BD ON METAL STUDS AT 16" OC
PREMANUF. ALUM. CANOPY
R-19 BATT INSULATION
10
A021
ALUM STOREFRONT SYSTEM
10' - 0"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL
100' - 0"
12
A021
SIM
2" PERIMETER INSULATION 24" DEEP MIN.
FOUNDATION RE: STRUCT.

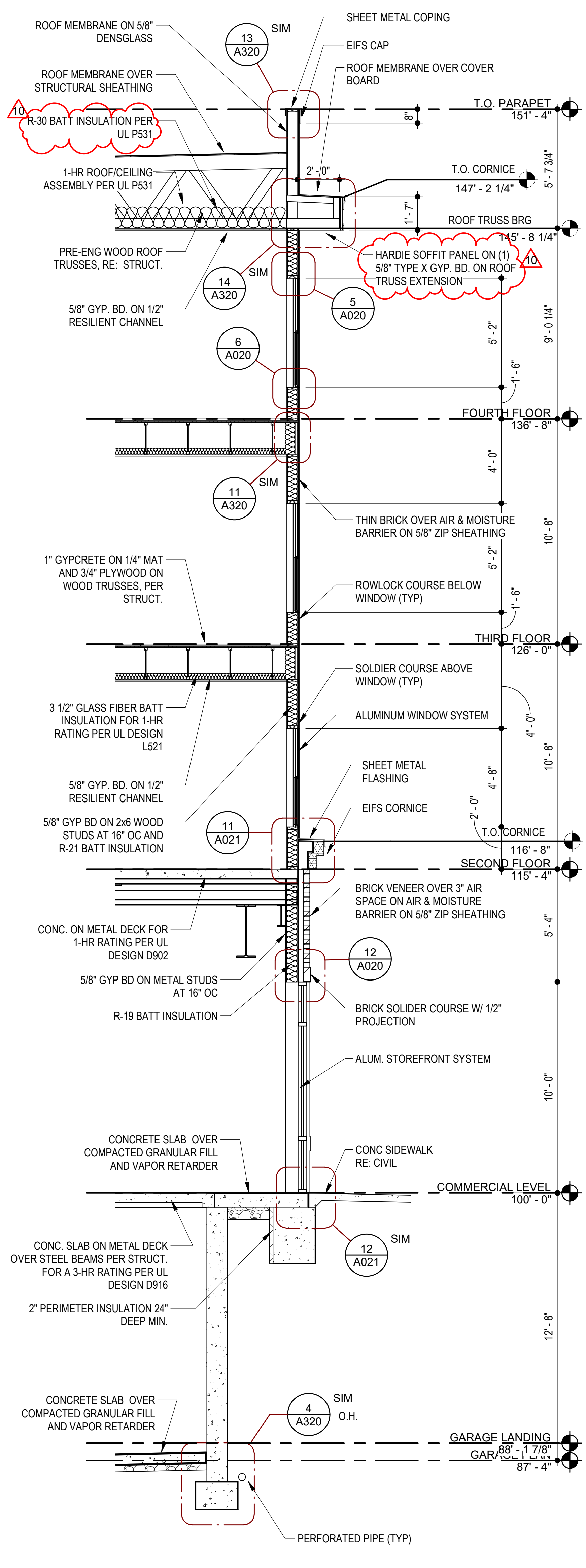
④ **WALL SECTION @ G1 WINDOW ABOVE RETAIL**
SCALE: 1/4" = 1'-0"


1
A320
SIM
FASCIA COVER
ROOF MEMBRANE ON 5/8" DENSGLASS
HARDIE BD CORNICE
T.O. UPPER PARAPET
155' - 3"
1' - 7"
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10
R-30 BATT INSULATION PER UL P531
ROOF MEMBRANE OVER COVER BOARD, TAPERED INSULATION 2x WOOD JOISTS
9' - 6 3/4"
8' - 8 1/8"
HARDIE BD CORNICE
1-HR ROOF/CEILING ASSEMBLY PER UL P531
T.O. CORNICE
147' - 2 1/4"
1' - 7"
ROOF TRUSS BRG
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
8
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF FRAMING
10
9
A320
SIM
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
3
A030
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
9' - 0 1/4"
12
A032
10
A320
FOURTH FLOOR
136' - 8"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
8
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
10
8' - 8"
10' - 8"
SLIDING PATIO DOOR
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
PREFINISHED STEEL GUARDRAIL
THIRD FLOOR
126' - 0"
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
SLOPED TOPPING SLAB OVER CARLISLE MiraDRAIN 9000 SYSTEM
10
8' - 8"
7
A320
SIM
10' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SHEET METAL FLASHING
EIFS CORNICE
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
T.O. CORNICE
117' - 4"
1' - 0"
SECOND FLOOR
115' - 4"
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
6
A320
SIM
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONT. XPS 60 PSI RIGID INSULATION (R30)
5/8" GYP BD ON METAL STUDS AT 16" OC
PREMANUF. ALUM. CANOPY
R-19 BATT INSULATION
10
A021
Sim
ALUM STOREFRONT SYSTEM
10' - 0"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL
100' - 0"
12
A021
SIM
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
FOUNDATION RE: STRUCT.
2" PERIMETER INSULATION 24" DEEP MIN.
12' - 8"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
4
A320
SIM
O.H.
GARAGE LANDING
88' - 1 7/8"
87' - 4"
PERFORATED PIPE (TYP)

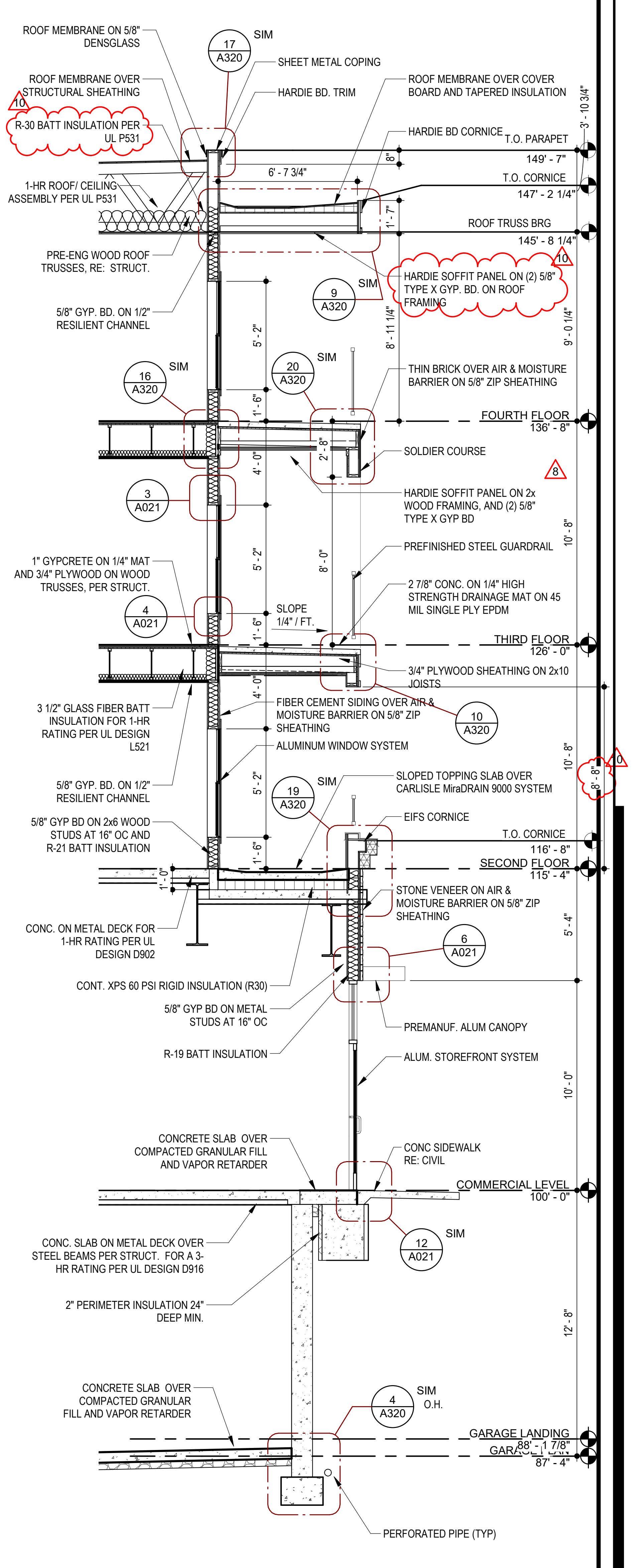
⑧ **WALL SECTION @ G1 BALCONY ABOVE RETAIL**
SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
13
A320
SIM
SHEET METAL COPING
EIFS CAP
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
ROOF MEMBRANE OVER COVER BOARD
T.O. PARAPET
151' - 4"
10
R-30 BATT INSULATION PER UL P531
8"
TERMINATION BAR
2' - 0"
1-HR ROOF/CEILING ASSEMBLY PER UL P531
T.O. CORNICE
147' - 2 1/4"
5' - 7 3/4"
1' - 7"
ROOF TRUSS BRG
145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
14
A320
SIM
10
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
9' - 0 1/4"
FOURTH FLOOR
136' - 8"
11
A320
SIM
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR
126' - 0"
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
SLOPED TOPPING SLAB OVER CARLISLE MiraDRAIN 9000 SYSTEM
10' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
7
A320
SIM
SHEET METAL FLASHING
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
T.O. CORNICE
117' - 4"
SECOND FLOOR
115' - 4"
EIFS CORNICE
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONT. XPS 60 PSI RIGID INSULATION (R30)
5/8" GYP BD ON METAL STUDS AT 16" OC
R-19 BATT INSULATION
BRICK SOLDIER COURSE W/ 1/2" PROJECTION
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
2' - 8"
COMMERCIAL LEVEL
100' - 0"
8
A320
SIM
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.
12' - 8"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
GARAGE LANDING
88' - 1 7/8"
87' - 4"
4
A320
SIM
O.H.
PERFORATED PIPE (TYP)

⑫ **WALL SECTION @ G1 BEDROOM ABOVE RETAIL**
SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
13
A320
SIM
SHEET METAL COPING
EIFS CAP
ROOF MEMBRANE OVER COVER BOARD
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
T.O. PARAPET
151' - 4"
10
R-30 BATT INSULATION PER UL P531
8"
2' - 0"
1-HR ROOF/CEILING ASSEMBLY PER UL P531
T.O. CORNICE
147' - 2 1/4"
5' - 7 3/4"
1' - 7"
ROOF TRUSS BRG
145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
10
14
A320
SIM
5
A020
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5' - 2"
9' - 0 1/4"
6
A020
1' - 6"
FOURTH FLOOR
136' - 8"
4' - 0"
11
A320
SIM
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10' - 8"
5' - 2"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
ROWLOCK COURSE BELOW WINDOW (TYP)
1' - 6"
THIRD FLOOR
126' - 0"
SOLDIER COURSE ABOVE WINDOW (TYP)
4' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
ALUMINUM WINDOW SYSTEM
10' - 8"
4' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SHEET METAL FLASHING
2' - 0"
EIFS CORNICE
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
11
A021
T.O. CORNICE
116' - 8"
SECOND FLOOR
115' - 4"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
5' - 4"
12
A020
5/8" GYP BD ON METAL STUDS AT 16" OC
R-19 BATT INSULATION
BRICK SOLIDER COURSE W/ 1/2" PROJECTION
ALUM. STOREFRONT SYSTEM
10' - 0"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL
100' - 0"
12
A021
SIM
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.
12' - 8"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
4
A320
SIM
O.H.
GARAGE LANDING
88' - 1 7/8"
87' - 4"
PERFORATED PIPE (TYP)

⑯ **WALL SECTION @ G1 BEDROOM WINDOWS ABOVE RETAIL**
SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
17
A320
SIM
SHEET METAL COPING
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
HARDIE BD. TRIM
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
3' - 10 3/4"
10
R-30 BATT INSULATION PER UL P531
HARDIE BD CORNICE
T.O. PARAPET
149' - 7"
8"
6' - 7 3/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
T.O. CORNICE
147' - 2 1/4"
1' - 7"
ROOF TRUSS BRG
145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
10
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF FRAMING
9
A320
SIM
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5' - 2"
8' - 11 1/4"
9' - 0 1/4"
16
A320
SIM
20
A320
SIM
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
1' - 6"
FOURTH FLOOR
136' - 8"
2' - 8"
SOLDIER COURSE
4' - 0"
8
3
A021
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
10' - 8"
5' - 2"
8' - 0"
PREFINISHED STEEL GUARDRAIL
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
4
A021
SLOPE 1/4" / FT.
1' - 6"
THIRD FLOOR
126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
4' - 0"
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10
A320
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
ALUMINUM WINDOW SYSTEM
10' - 8"
10
8' - 8"
5' - 2"
19
A320
SIM
SLOPED TOPPING SLAB OVER CARLISLE MiraDRAIN 9000 SYSTEM
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
EIFS CORNICE
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1' - 6"
T.O. CORNICE
116' - 8"
1' - 0"
SECOND FLOOR
115' - 4"
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
5' - 4"
6
A021
CONT. XPS 60 PSI RIGID INSULATION (R30)
5/8" GYP BD ON METAL STUDS AT 16" OC
PREMANUF. ALUM CANOPY
R-19 BATT INSULATION
ALUM. STOREFRONT SYSTEM
10' - 0"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL
100' - 0"
12
A021
SIM
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.
12' - 8"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
4
A320
SIM
O.H.
GARAGE LANDING
88' - 1 7/8"
87' - 4"
PERFORATED PIPE (TYP)

⑳ **WALL SECTION @ F1 BALCONY WINDOWS ABOVE RETAIL**
SCALE: 1/4" = 1'-0"

TR,i ARCHITECTS

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DATE: 7.29.19

REVISIONS #

#		
	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

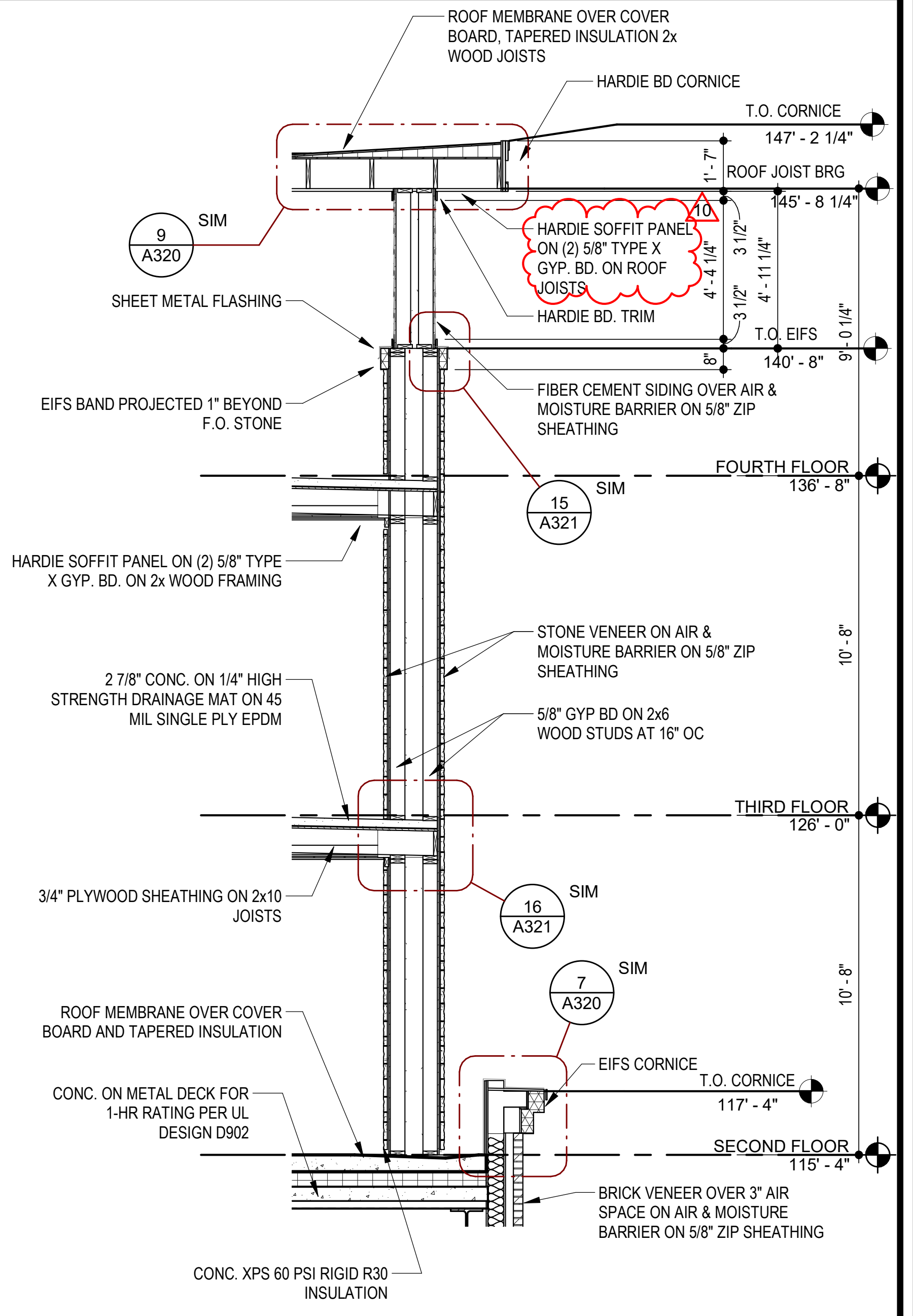
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

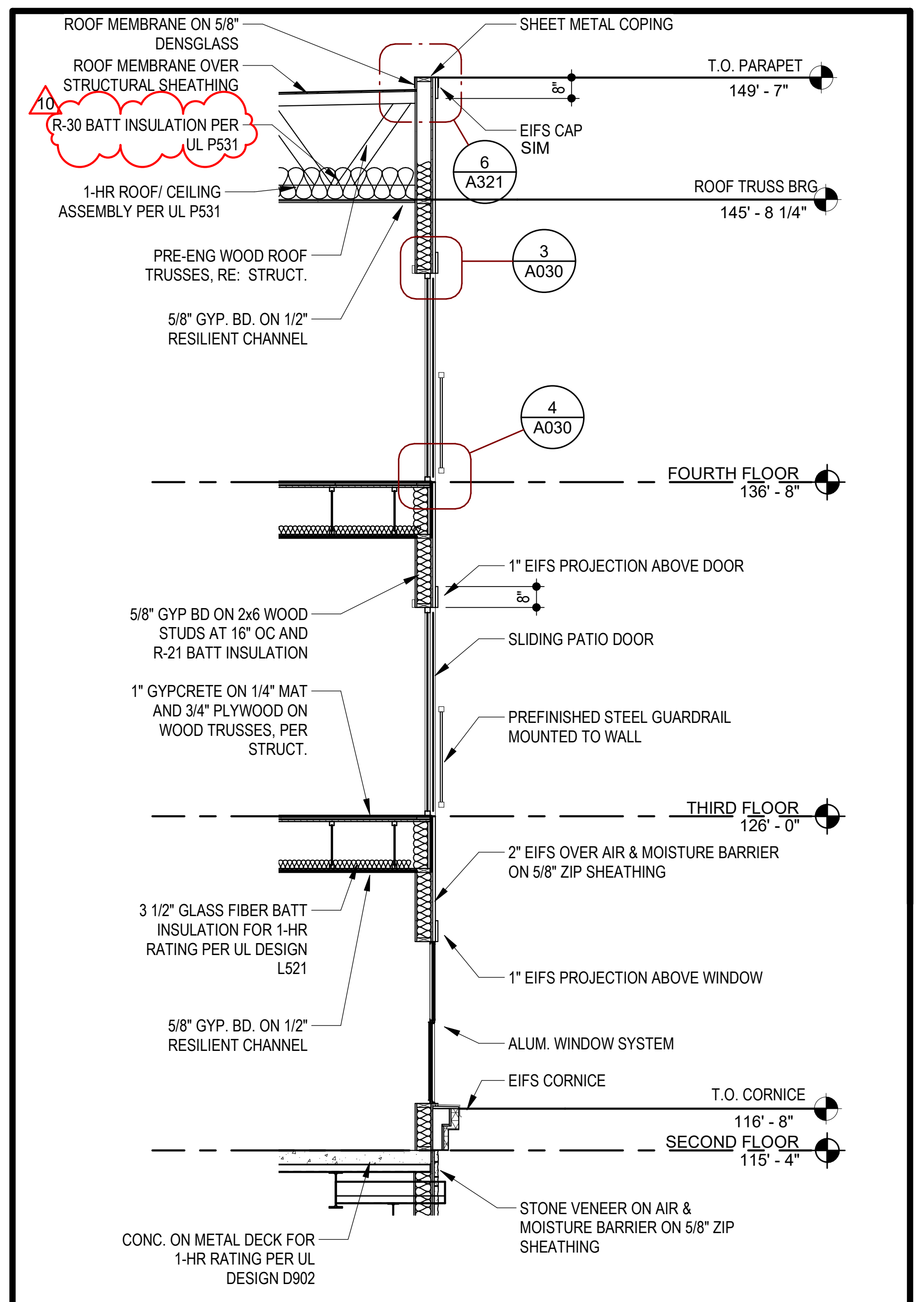
A303

WALL SECTIONS


ROOF MEMBRANE OVER COVER BOARD, TAPERED INSULATION 2x WOOD JOISTS
HARDIE BD CORNICE
T.O. CORNICE 147' - 2 1/4"
ROOF JOIST BRG 145' - 8 1/4"
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
HARDIE BD. TRIM
T.O. EIFS 140' - 8"
SHEET METAL FLASHING
EIFS BAND PROJECTED 1" BEYOND F.O. STONE
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
FOURTH FLOOR 136' - 8"
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON 2x WOOD FRAMING
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
EIFS CORNICE
T.O. CORNICE 117' - 4"
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
SECOND FLOOR 115' - 4"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONC. XPS 60 PSI RIGID R30 INSULATION

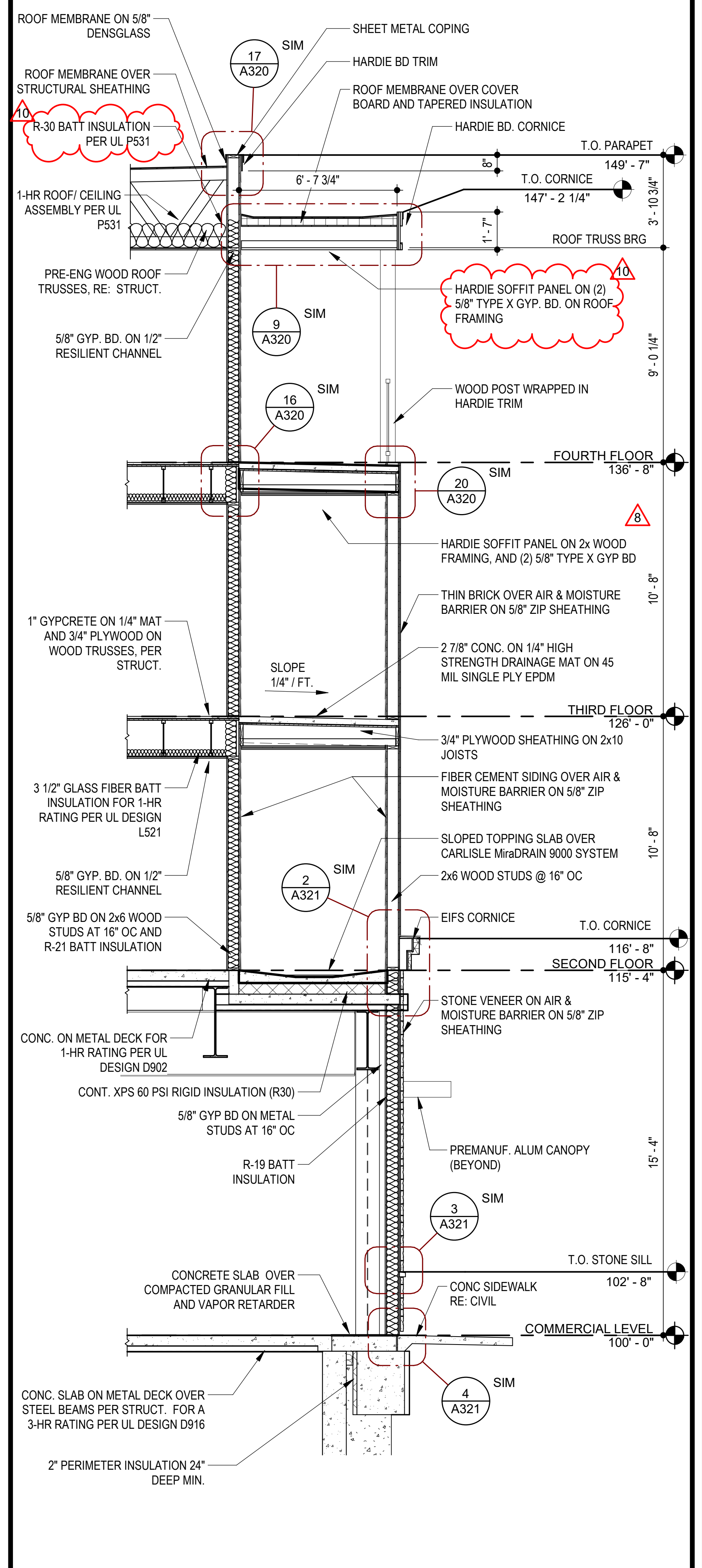
⑭ **WALL SECTION @ BALCONY STONE COLUMN**

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
SHEET METAL COPING
T.O. PARAPET 149' - 7"
EIFS CAP
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
FOURTH FLOOR 136' - 8"
1" EIFS PROJECTION ABOVE DOOR
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
SLIDING PATIO DOOR
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
PREFINISHED STEEL GUARDRAIL MOUNTED TO WALL
THIRD FLOOR 126' - 0"
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
1" EIFS PROJECTION ABOVE WINDOW
ALUM. WINDOW SYSTEM
EIFS CORNICE
T.O. CORNICE 116' - 8"
SECOND FLOOR 115' - 4"
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902

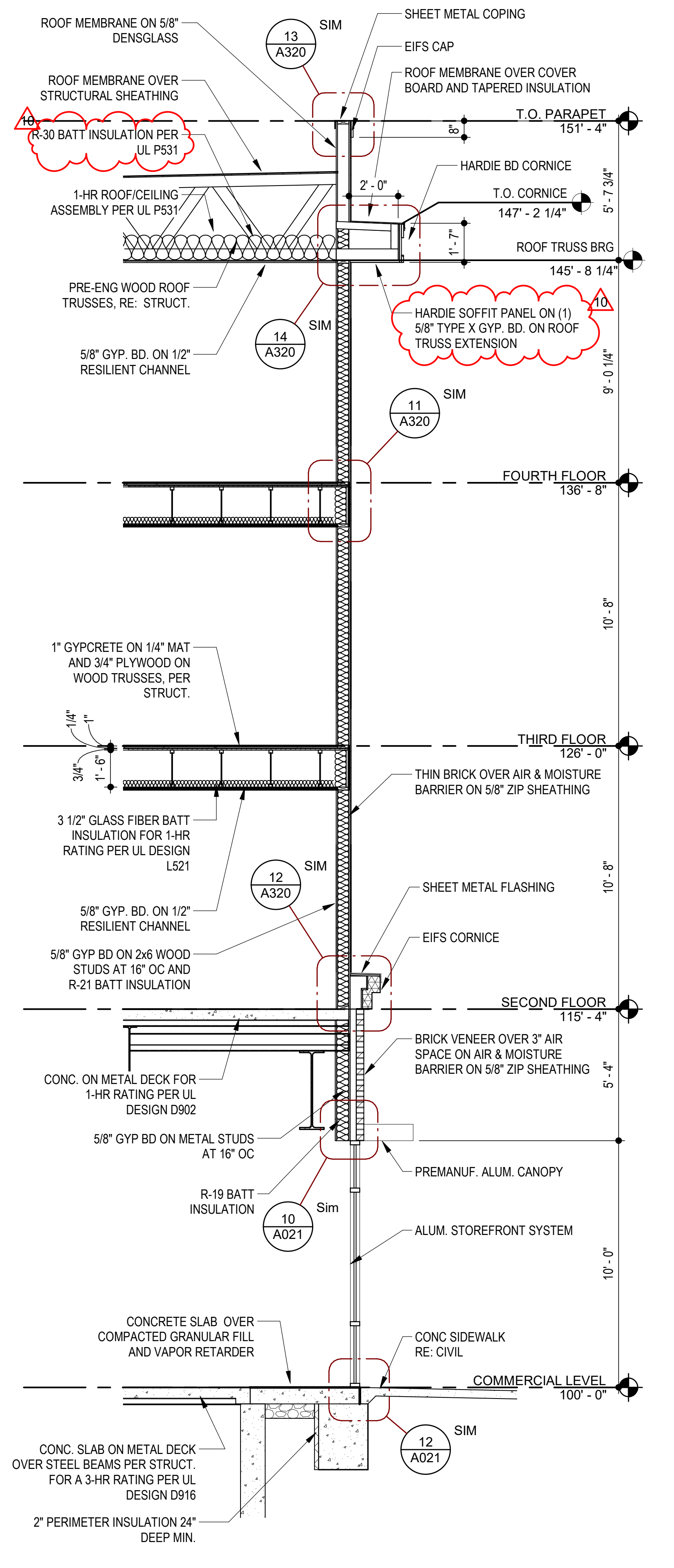
⑱ **WALL SECTION @ A3 PATIO DOOR**

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
SHEET METAL COPING
HARDIE BD TRIM
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
R-30 BATT INSULATION PER UL P531
HARDIE BD. CORNICE
T.O. PARAPET 149' - 7"
T.O. CORNICE 147' - 2 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
ROOF TRUSS BRG
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF FRAMING
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
WOOD POST WRAPPED IN HARDIE TRIM
FOURTH FLOOR 136' - 8"
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SLOPED TOPPING SLAB OVER CARLISLE MiraDRAIN 9000 SYSTEM
2x6 WOOD STUDS @ 16" OC
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
EIFS CORNICE
T.O. CORNICE 116' - 8"
SECOND FLOOR 115' - 4"
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONT. XPS 60 PSI RIGID INSULATION (R30)
5/8" GYP BD ON METAL STUDS AT 16" OC
PREMANUF. ALUM CANOPY (BEYOND)
R-19 BATT INSULATION
T.O. STONE SILL 102' - 8"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL 100' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.

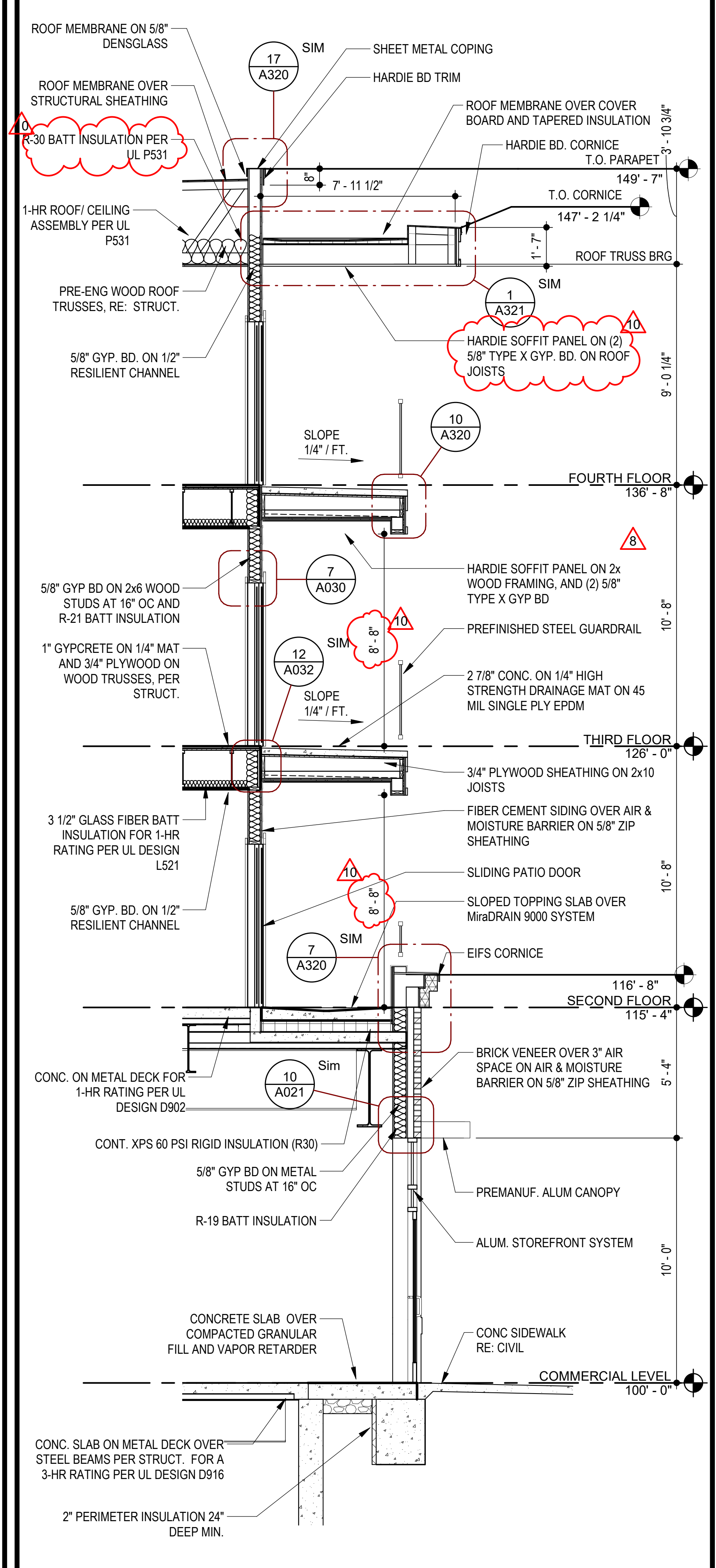
④ **WALL SECTION @ F1 BALCONY ABOVE RETAIL**

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
SHEET METAL COPING
EIFS CAP
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
R-30 BATT INSULATION PER UL P531
T.O. PARAPET 151' - 4"
HARDIE BD CORNICE
T.O. CORNICE 147' - 2 1/4"
1-HR ROOF/CEILING ASSEMBLY PER UL P531
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
FOURTH FLOOR 136' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR 126' - 0"
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
SHEET METAL FLASHING
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
EIFS CORNICE
SECOND FLOOR 115' - 4"
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON METAL STUDS AT 16" OC
PREMANUF. ALUM. CANOPY
R-19 BATT INSULATION
ALUM. STOREFRONT SYSTEM
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL 100' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.

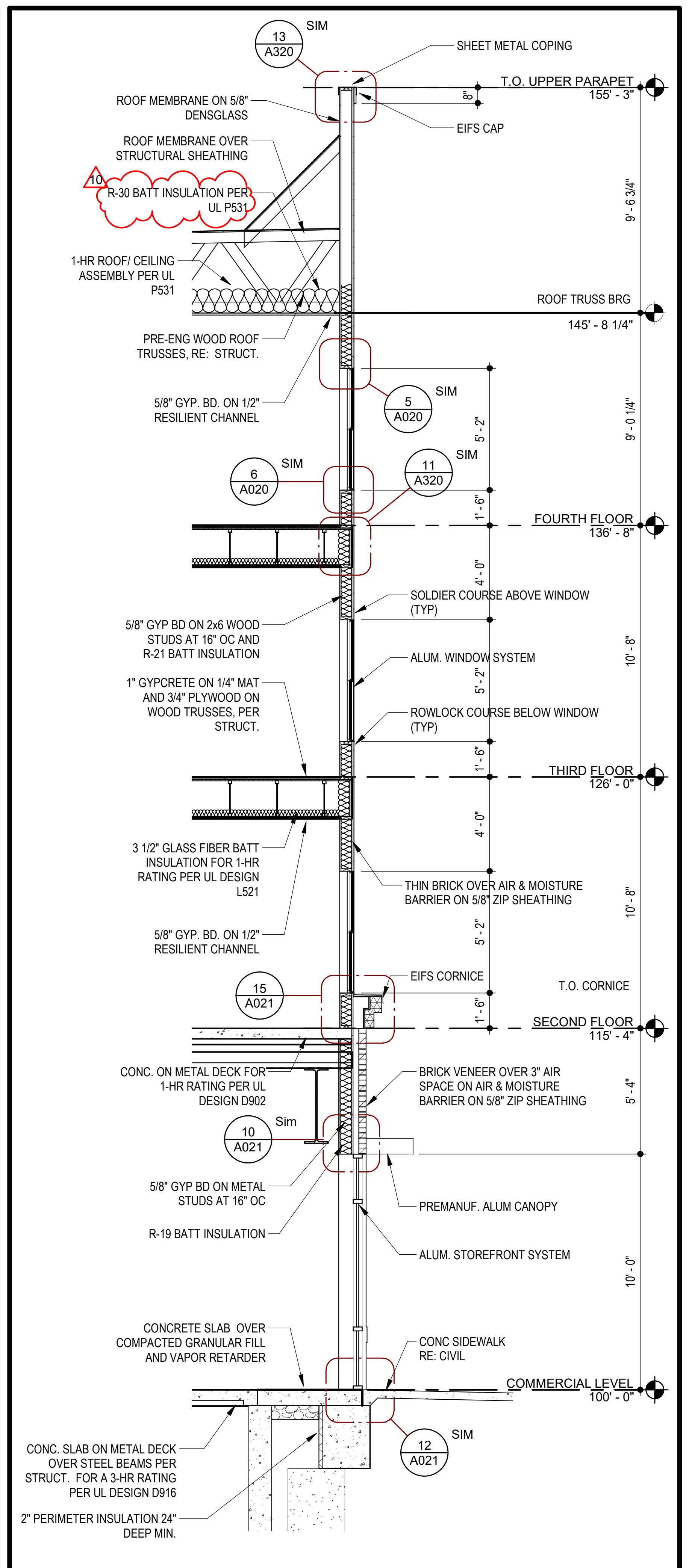
⑧ **WALL SECTION @ A3 ABOVE RETAIL**

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
SHEET METAL COPING
HARDIE BD TRIM
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
R-30 BATT INSULATION PER UL P531
HARDIE BD. CORNICE
T.O. PARAPET 149' - 7"
T.O. CORNICE 147' - 2 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
ROOF TRUSS BRG
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SLOPE 1/4" / FT.
FOURTH FLOOR 136' - 8"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
PREFINISHED STEEL GUARDRAIL
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SLIDING PATIO DOOR
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SLOPED TOPPING SLAB OVER MiraDRAIN 9000 SYSTEM
EIFS CORNICE
116' - 8"
SECOND FLOOR 115' - 4"
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONT. XPS 60 PSI RIGID INSULATION (R30)
5/8" GYP BD ON METAL STUDS AT 16" OC
PREMANUF. ALUM CANOPY
R-19 BATT INSULATION
ALUM. STOREFRONT SYSTEM
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL 100' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.

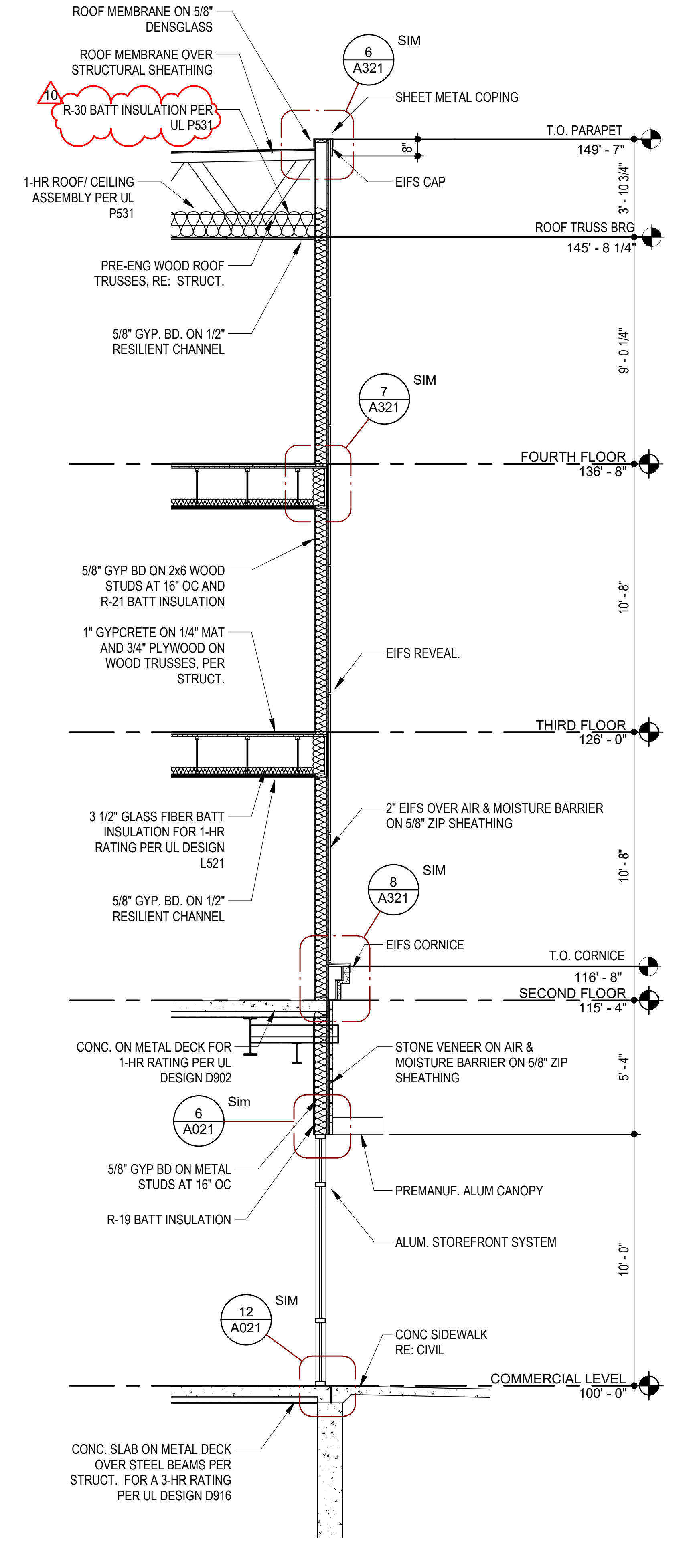
⑫ **WALL SECTION @ A3 BALCONY ABOVE RETAIL**

SCALE: 1/4" = 1'-0"


SHEET METAL COPING
T.O. UPPER PARAPET 155' - 3"
EIFS CAP
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
FOURTH FLOOR 136' - 8"
SOLDIER COURSE ABOVE WINDOW (TYP)
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
ALUM. WINDOW SYSTEM
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
ROWLOCK COURSE BELOW WINDOW (TYP)
THIRD FLOOR 126' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
EIFS CORNICE
T.O. CORNICE
SECOND FLOOR 115' - 4"
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON METAL STUDS AT 16" OC
PREMANUF. ALUM. CANOPY
R-19 BATT INSULATION
ALUM. STOREFRONT SYSTEM
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL 100' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.

⑯ **WALL SECTION @ A4 WINDOW ABOVE RETAIL**

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
SHEET METAL COPING
T.O. PARAPET 149' - 7"
EIFS CAP
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
FOURTH FLOOR 136' - 8"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
EIFS REVEAL
THIRD FLOOR 126' - 0"
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
EIFS CORNICE
T.O. CORNICE 116' - 8"
SECOND FLOOR 115' - 4"
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON METAL STUDS AT 16" OC
PREMANUF. ALUM CANOPY
R-19 BATT INSULATION
ALUM. STOREFRONT SYSTEM
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL 100' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916

⑳ **WALL SECTION @ EIFS ABOVE CULTURED STONE**

SCALE: 1/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl
COMPANIES

Summit at West Pryor

940 NW Pryor Road
Lee's Summit, Missouri 64081

TR,i
ARCHITECTS

TR,i Architects
9812 Manchester Road
St. Louis, Missouri 63119
T: 314-395-9750
F: 314-395-9751
www.triarchitects.com

DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

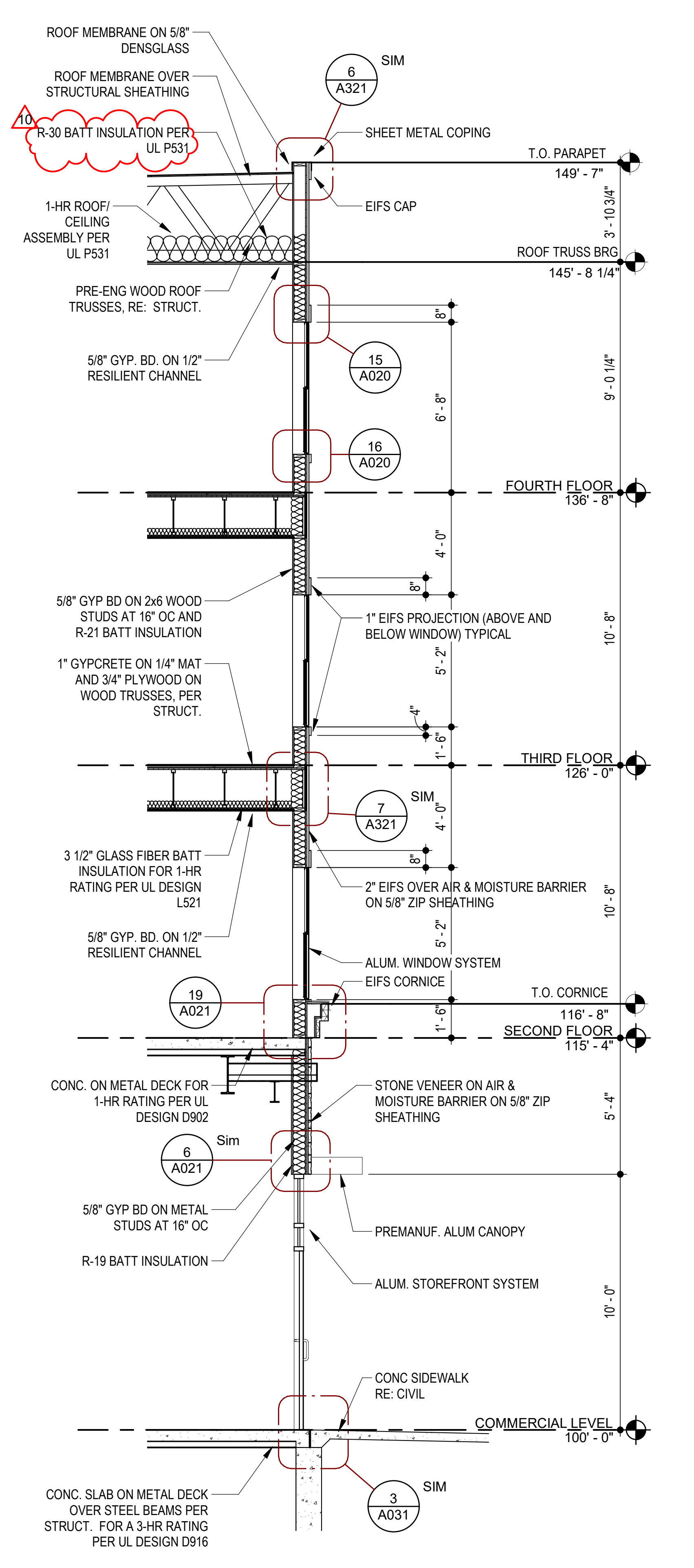
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

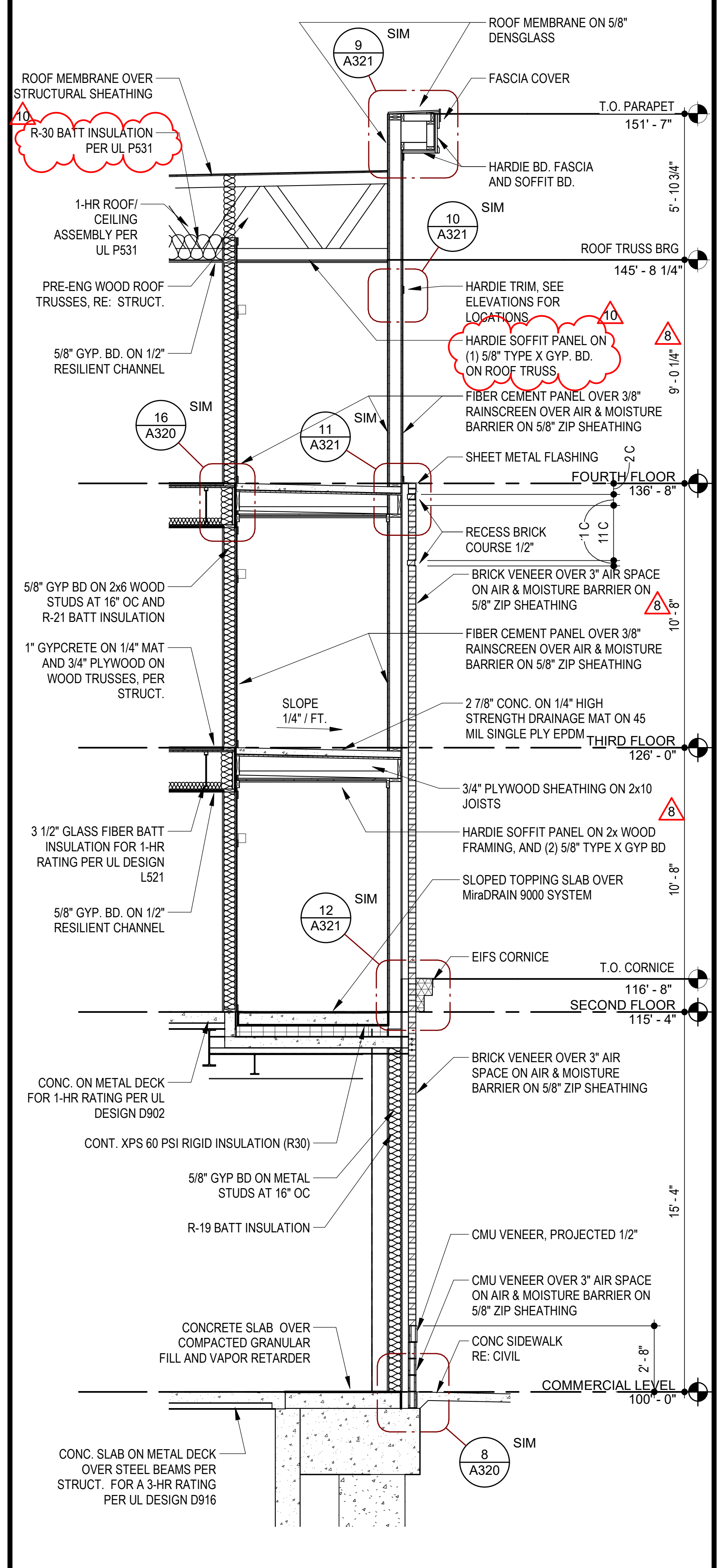
A304

WALL SECTIONS


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
5/8" GYP BD ON METAL STUDS AT 16" OC
R-19 BATT INSULATION
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
SHEET METAL COPING
EIFS CAP
1" EIFS PROJECTION (ABOVE AND BELOW WINDOW) TYPICAL
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
ALUM. WINDOW SYSTEM
EIFS CORNICE
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
PREMANUF. ALUM CANOPY
ALUM. STOREFRONT SYSTEM
CONC SIDEWALK RE: CIVIL
T.O. PARAPET 149' - 7"
ROOF TRUSS BRG 145' - 8 1/4"
FOURTH FLOOR 136' - 8"
THIRD FLOOR 126' - 0"
T.O. CORNICE 116' - 8"
SECOND FLOOR 115' - 4"
COMMERCIAL LEVEL 100' - 0"
6 A321 SIM
15 A020
16 A020
7 A321 SIM
19 A021
6 A021 Sim
3 A031 SIM
10
3' - 10 3/4"
9' - 0 1/4"
10' - 8"
5' - 4"
15' - 4"
10' - 0"

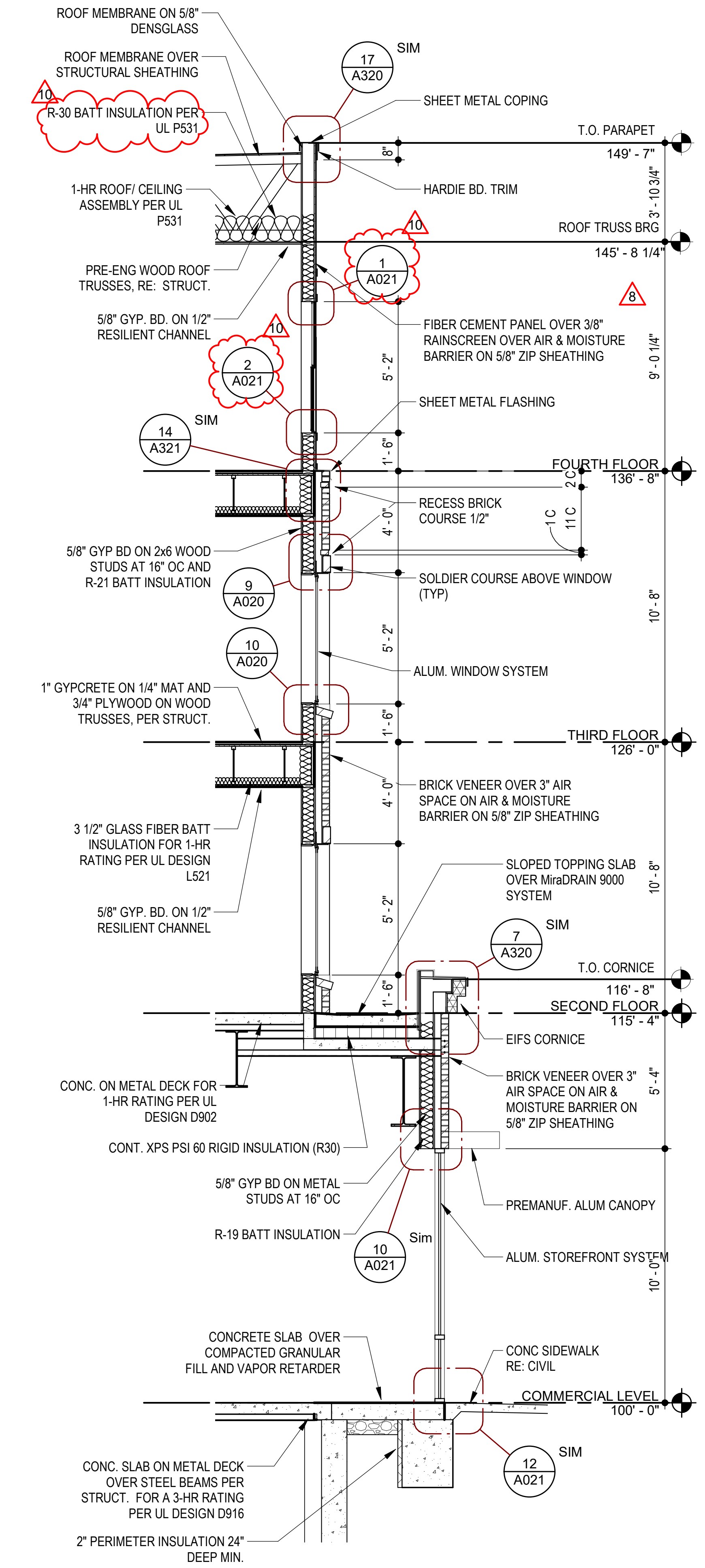
4 WALL SECTION @ WINDOW IN EIFS ABOVE CULTURED STONE

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
FASCIA COVER
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
CONT. XPS 60 PSI RIGID INSULATION (R30)
5/8" GYP BD ON METAL STUDS AT 16" OC
R-19 BATT INSULATION
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
HARDIE BD. FASCIA AND SOFFIT BD.
HARDIE TRIM, SEE ELEVATIONS FOR LOCATIONS
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SHEET METAL FLASHING
RECESS BRICK COURSE 1/2"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SLOPE 1/4" / FT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
SLOPED TOPPING SLAB OVER MiraDRAIN 9000 SYSTEM
EIFS CORNICE
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CMU VENEER, PROJECTED 1/2"
CMU VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONC SIDEWALK RE: CIVIL
T.O. PARAPET 151' - 7"
ROOF TRUSS BRG 145' - 8 1/4"
FOURTH FLOOR 136' - 8"
THIRD FLOOR 126' - 0"
T.O. CORNICE 116' - 8"
SECOND FLOOR 115' - 4"
COMMERCIAL LEVEL 100' - 0"
9 A321 SIM
10 A321 SIM
16 A320 SIM
11 A321 SIM
12 A321 SIM
8 A320 SIM
10
8
2C
11C
5' - 10 3/4"
9' - 0 1/4"
10' - 8"
15' - 4"
2' - 8"

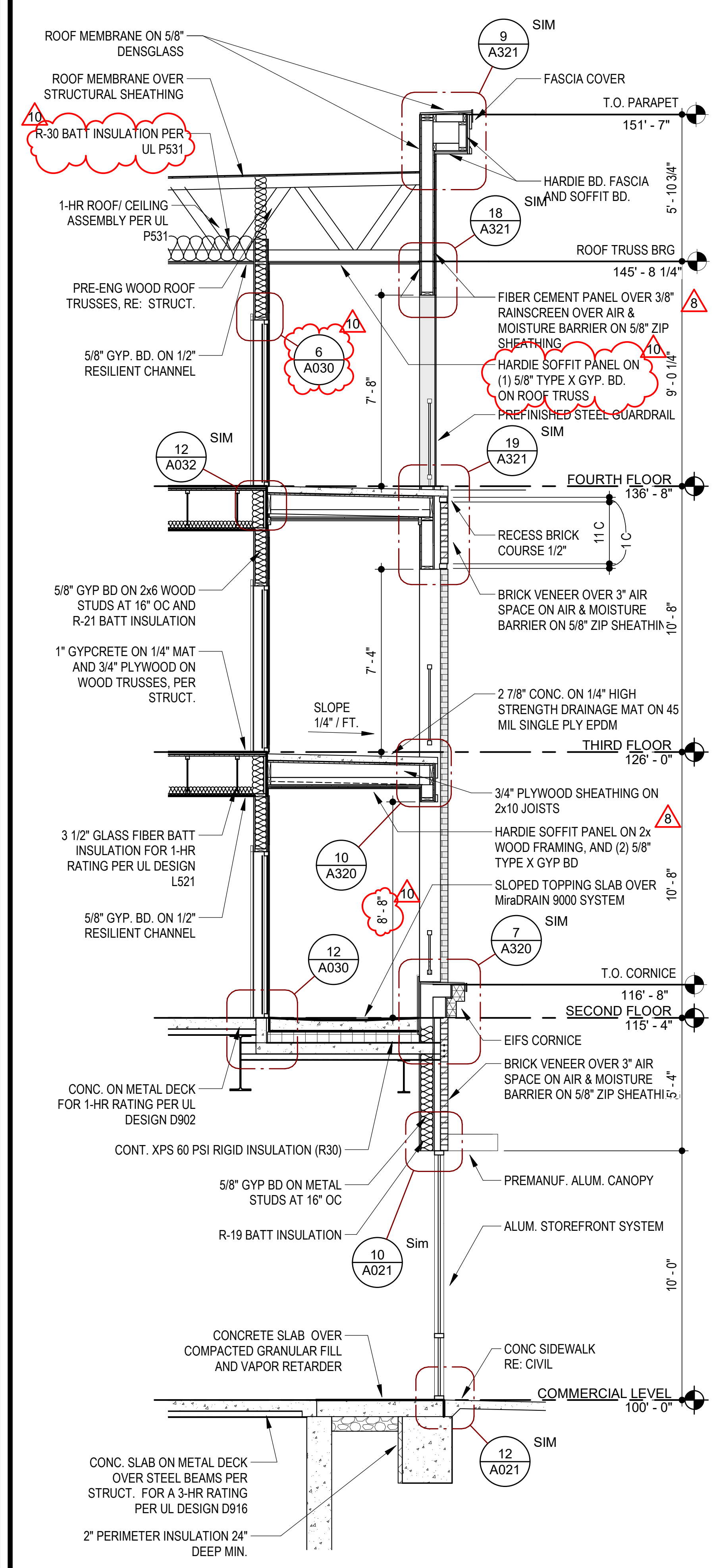
8 WALL SECTION @ BRICK 1 BALCONY ABOVE RETAIL

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
CONT. XPS PSI 60 RIGID INSULATION (R30)
5/8" GYP BD ON METAL STUDS AT 16" OC
R-19 BATT INSULATION
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.
SHEET METAL COPING
HARDIE BD. TRIM
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SHEET METAL FLASHING
RECESS BRICK COURSE 1/2"
SOLDIER COURSE ABOVE WINDOW (TYP)
ALUM. WINDOW SYSTEM
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SLOPED TOPPING SLAB OVER MiraDRAIN 9000 SYSTEM
EIFS CORNICE
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
PREMANUF. ALUM CANOPY
ALUM. STOREFRONT SYSTEM
CONC SIDEWALK RE: CIVIL
T.O. PARAPET 149' - 7"
ROOF TRUSS BRG 145' - 8 1/4"
FOURTH FLOOR 136' - 8"
THIRD FLOOR 126' - 0"
T.O. CORNICE 116' - 8"
SECOND FLOOR 115' - 4"
COMMERCIAL LEVEL 100' - 0"
17 A320 SIM
1 A021
2 A021
14 A321 SIM
9 A020
10 A020
7 A320 SIM
10 A021 Sim
12 A021 SIM
10
8
2C
11C
3' - 10 3/4"
9' - 0 1/4"
10' - 8"
5' - 4"
10' - 0"

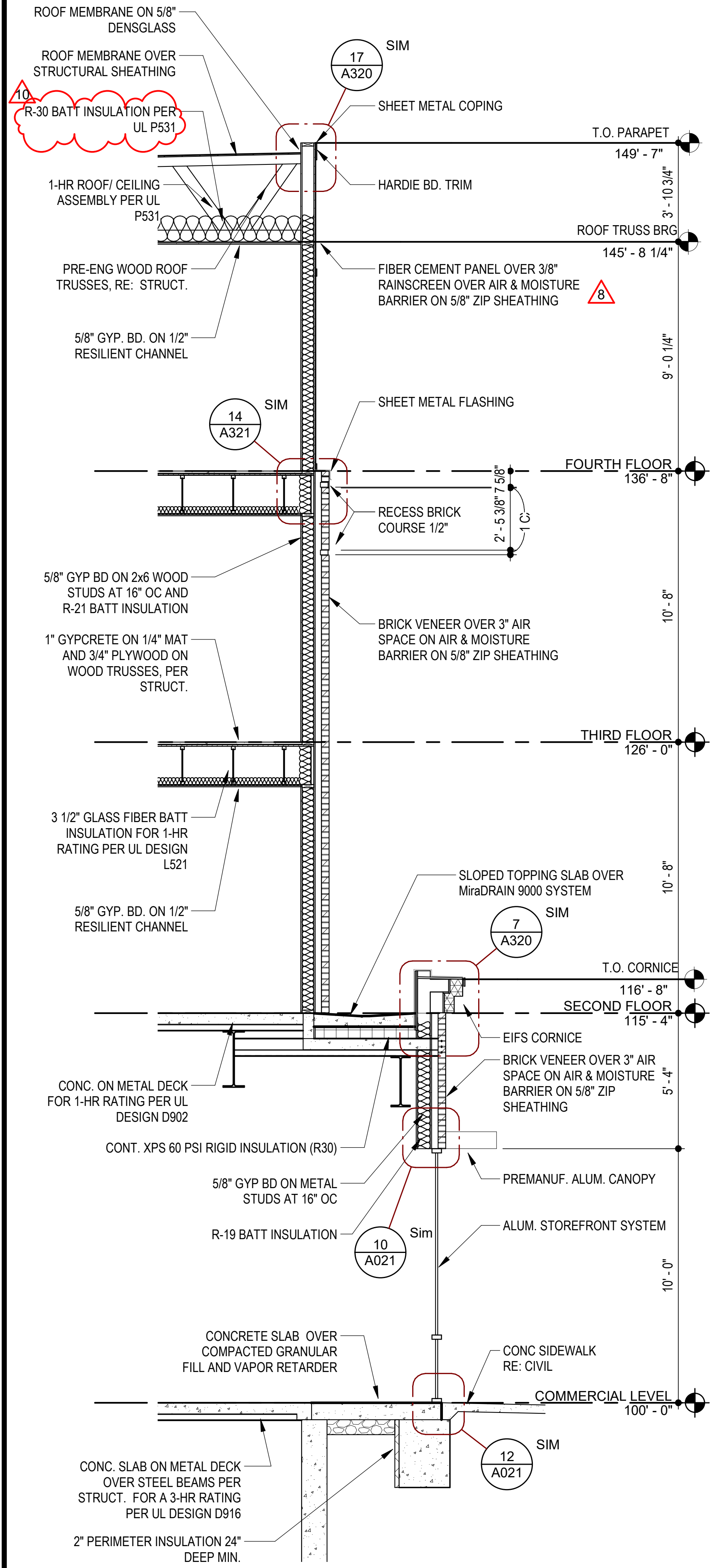
12 WALL SECTION @ BRICK 1 WINDOW ABOVE RETAIL

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
FASCIA COVER
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
CONT. XPS 60 PSI RIGID INSULATION (R30)
5/8" GYP BD ON METAL STUDS AT 16" OC
R-19 BATT INSULATION
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.
HARDIE BD. FASCIA AND SOFFIT BD.
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS
PREFINISHED STEEL GUARDRAIL
RECESS BRICK COURSE 1/2"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SLOPE 1/4" / FT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
SLOPED TOPPING SLAB OVER MiraDRAIN 9000 SYSTEM
EIFS CORNICE
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
PREMANUF. ALUM. CANOPY
ALUM. STOREFRONT SYSTEM
CONC SIDEWALK RE: CIVIL
T.O. PARAPET 151' - 7"
ROOF TRUSS BRG 145' - 8 1/4"
FOURTH FLOOR 136' - 8"
THIRD FLOOR 126' - 0"
T.O. CORNICE 116' - 8"
SECOND FLOOR 115' - 4"
COMMERCIAL LEVEL 100' - 0"
9 A321 SIM
18 A321 SIM
6 A030
19 A321 SIM
12 A032 SIM
10 A320
12 A030
7 A320 SIM
10 A021 Sim
12 A021 SIM
10
8
1C
5' - 10 3/4"
9' - 0 1/4"
7' - 8"
7' - 4"
10' - 8"
5' - 4"
10' - 0"

16 WALL SECTION @ BRICK 1 BALCONY SLIDER ABOVE RETAIL

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
CONT. XPS 60 PSI RIGID INSULATION (R30)
5/8" GYP BD ON METAL STUDS AT 16" OC
R-19 BATT INSULATION
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.
SHEET METAL COPING
HARDIE BD. TRIM
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SHEET METAL FLASHING
RECESS BRICK COURSE 1/2"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SLOPED TOPPING SLAB OVER MiraDRAIN 9000 SYSTEM
EIFS CORNICE
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
PREMANUF. ALUM. CANOPY
ALUM. STOREFRONT SYSTEM
CONC SIDEWALK RE: CIVIL
T.O. PARAPET 149' - 7"
ROOF TRUSS BRG 145' - 8 1/4"
FOURTH FLOOR 136' - 8"
THIRD FLOOR 126' - 0"
T.O. CORNICE 116' - 8"
SECOND FLOOR 115' - 4"
COMMERCIAL LEVEL 100' - 0"
17 A320 SIM
14 A321 SIM
7 A320 SIM
10 A021 Sim
12 A021 SIM
10
8
1C
2' - 5 3/8"
3' - 10 3/4"
9' - 0 1/4"
10' - 8"
5' - 4"
10' - 0"

20 WALL SECTION @ BRICK 1 ABOVE RETAIL

SCALE: 1/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl
COMPANIES

Summit at West Pryor

940 NW Pryor Road
Lee's Summit, Missouri 64081

TR,i ARCHITECTS

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www.triarchitects.com

DATE: 7.29.19

REVISIONS #

#		
	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

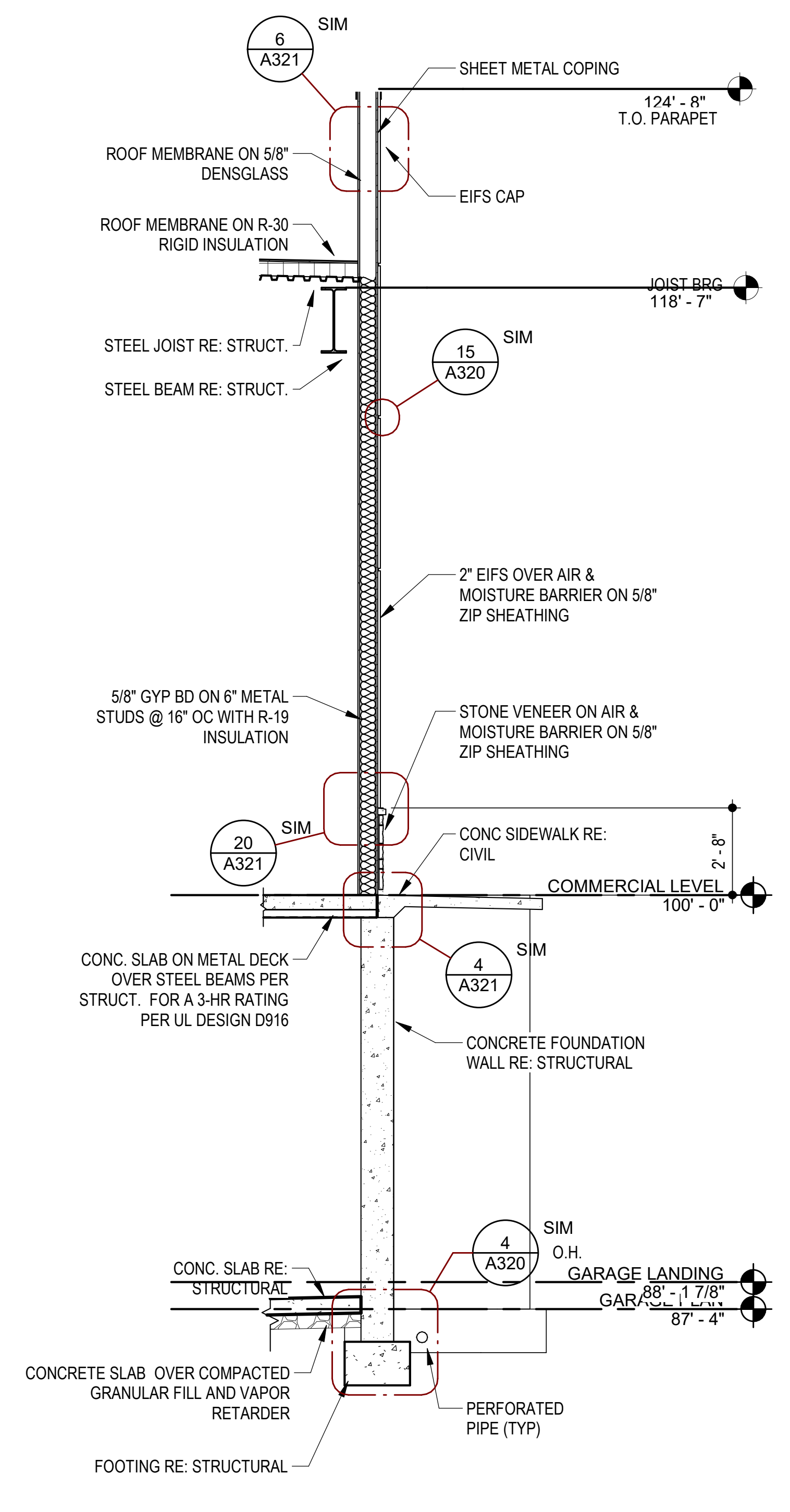
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

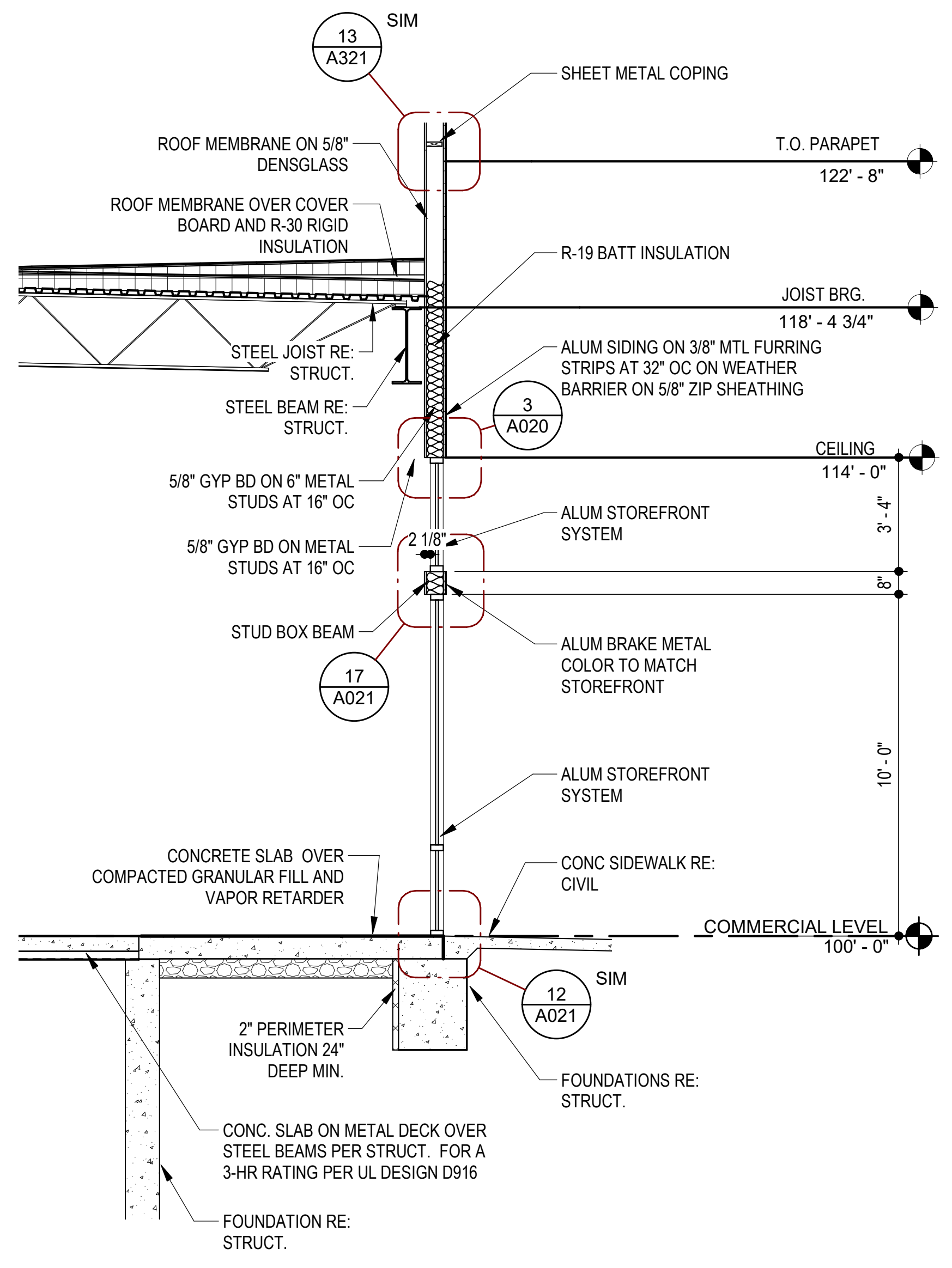
A305

WALL SECTIONS


6
A321
SIM
SHEET METAL COPING
124' - 8"
T.O. PARAPET
ROOF MEMBRANE ON 5/8" DENSGLASS
EIFS CAP
ROOF MEMBRANE ON R-30 RIGID INSULATION
JOIST BRG.
118' - 7"
STEEL JOIST RE: STRUCT.
15
A320
SIM
STEEL BEAM RE: STRUCT.
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON 6" METAL STUDS @ 16" OC WITH R-19 INSULATION
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
20
A321
SIM
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL
100' - 0"
2' - 8"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
4
A321
SIM
CONCRETE FOUNDATION WALL RE: STRUCTURAL
4
A320
SIM
O.H.
CONC. SLAB RE: STRUCTURAL
GARAGE LANDING
88' - 1 7/8"
GARAGE LEVEL
87' - 4"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
PERFORATED PIPE (TYP)
FOOTING RE: STRUCTURAL

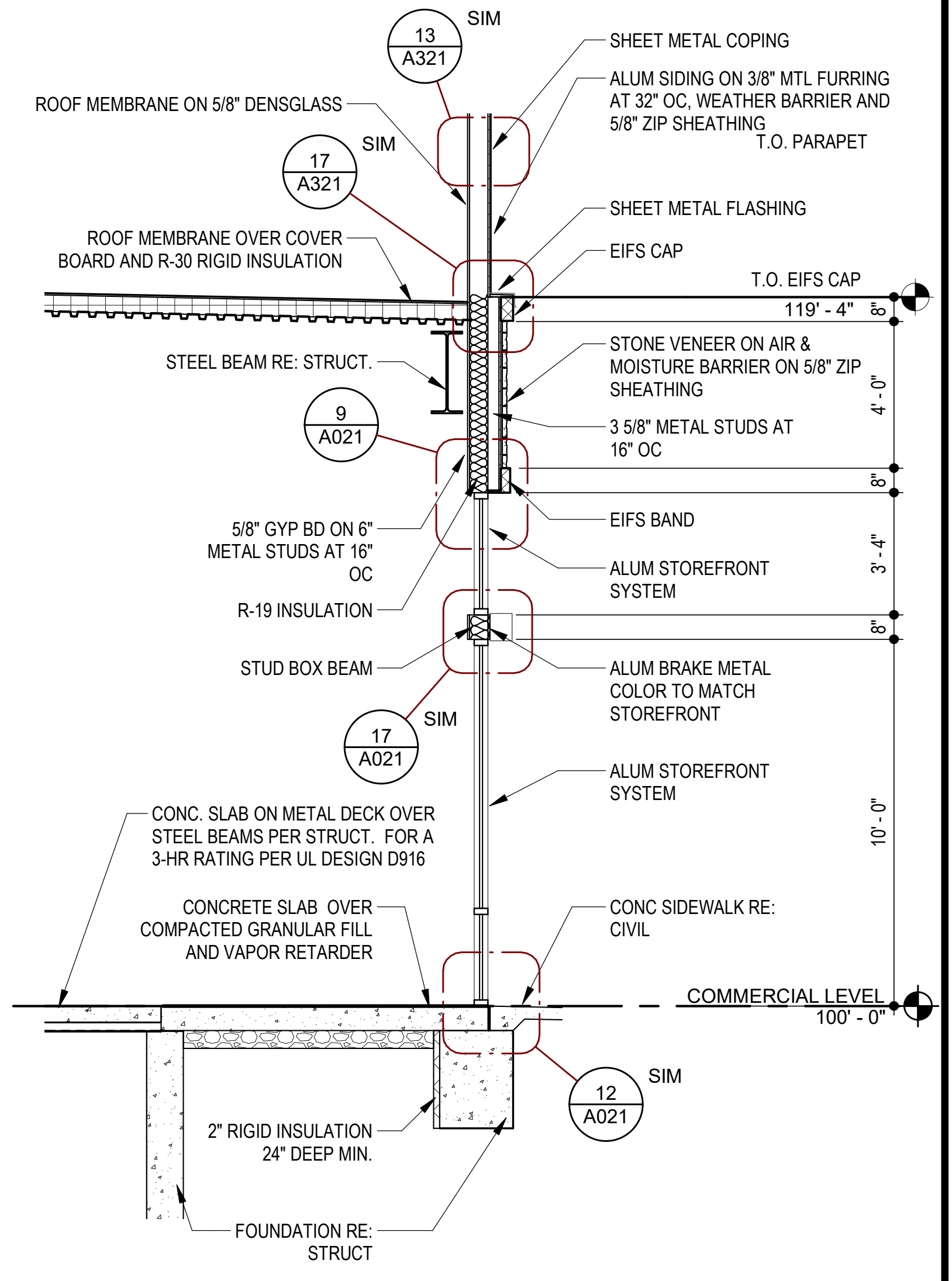
2 WALL SECTION @ EIFS WITH CAST STONE BASE

SCALE: 1/4" = 1'-0"


13
A321
SIM
SHEET METAL COPING
ROOF MEMBRANE ON 5/8" DENSGLASS
T.O. PARAPET
122' - 8"
ROOF MEMBRANE OVER COVER BOARD AND R-30 RIGID INSULATION
R-19 BATT INSULATION
JOIST BRG.
118' - 4 3/4"
STEEL JOIST RE: STRUCT.
STEEL BEAM RE: STRUCT.
3
A020
ALUM SIDING ON 3/8" MTL FURRING STRIPS AT 32" OC ON WEATHER BARRIER ON 5/8" ZIP SHEATHING
CEILING
114' - 0"
5/8" GYP BD ON 6" METAL STUDS AT 16" OC
5/8" GYP BD ON METAL STUDS AT 16" OC
2 1/8"
ALUM STOREFRONT SYSTEM
STUD BOX BEAM
17
A021
ALUM BRAKE METAL COLOR TO MATCH STOREFRONT
ALUM STOREFRONT SYSTEM
3' - 4"
8"
10' - 0"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL
100' - 0"
12
A021
SIM
2" PERIMETER INSULATION 24" DEEP MIN.
FOUNDATIONS RE: STRUCT.
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
FOUNDATION RE: STRUCT.

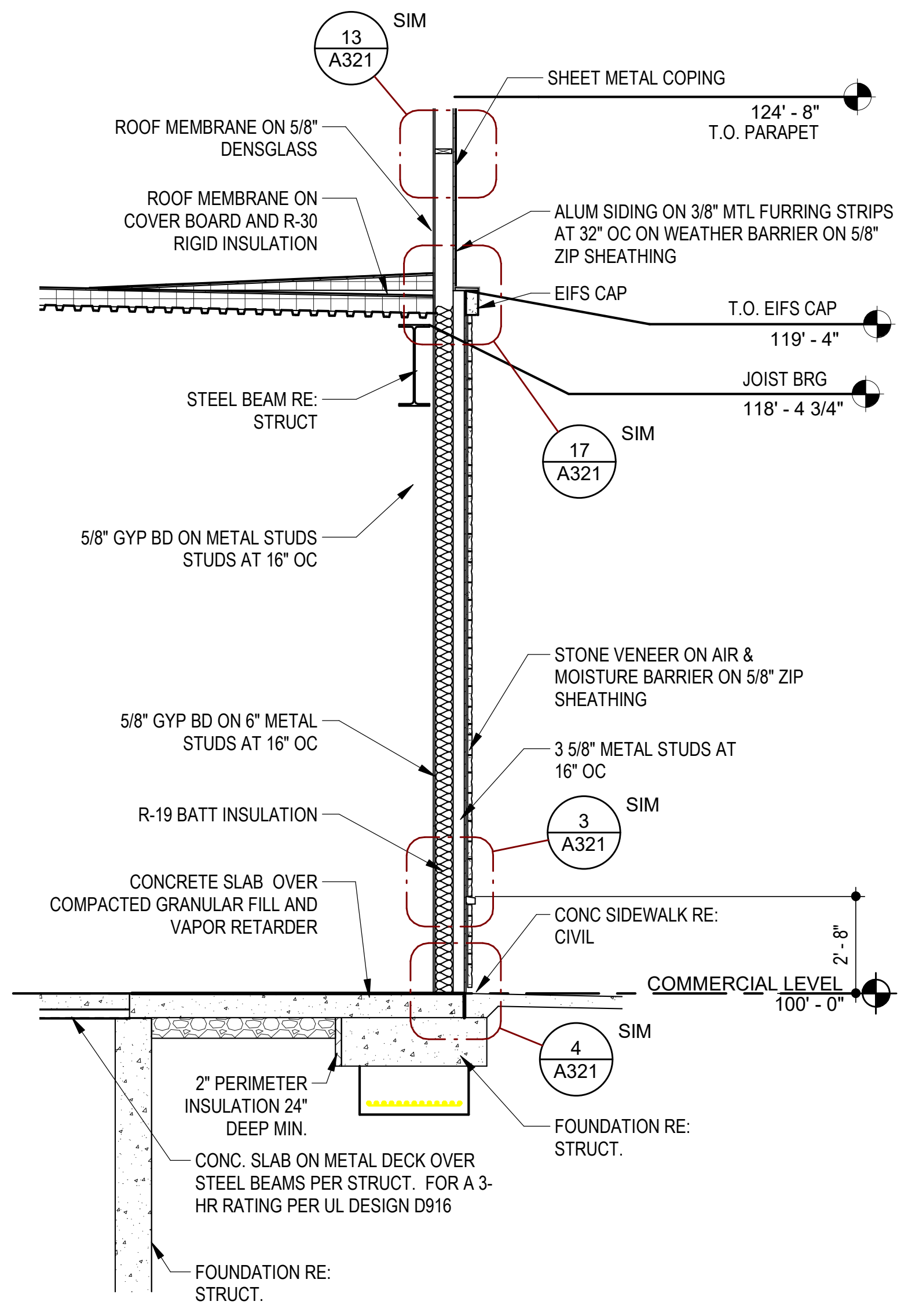
6 WALL SECTION @ CLUBHOUSE STOREFRONT

SCALE: 1/4" = 1'-0"


13
A321
SIM
SHEET METAL COPING
ROOF MEMBRANE ON 5/8" DENSGLASS
ALUM SIDING ON 3/8" MTL FURRING AT 32" OC, WEATHER BARRIER AND 5/8" ZIP SHEATHING
T.O. PARAPET
17
A321
SIM
ROOF MEMBRANE OVER COVER BOARD AND R-30 RIGID INSULATION
SHEET METAL FLASHING
EIFS CAP
T.O. EIFS CAP
119' - 4"
STEEL BEAM RE: STRUCT.
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
9
A021
3 5/8" METAL STUDS AT 16" OC
4' - 0"
EIFS BAND
5/8" GYP BD ON 6" METAL STUDS AT 16" OC
ALUM STOREFRONT SYSTEM
3' - 4"
R-19 INSULATION
8"
STUD BOX BEAM
ALUM BRAKE METAL COLOR TO MATCH STOREFRONT
17
A021
SIM
ALUM STOREFRONT SYSTEM
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
10' - 0"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL
100' - 0"
12
A021
SIM
2" RIGID INSULATION 24" DEEP MIN.
FOUNDATION RE: STRUCT

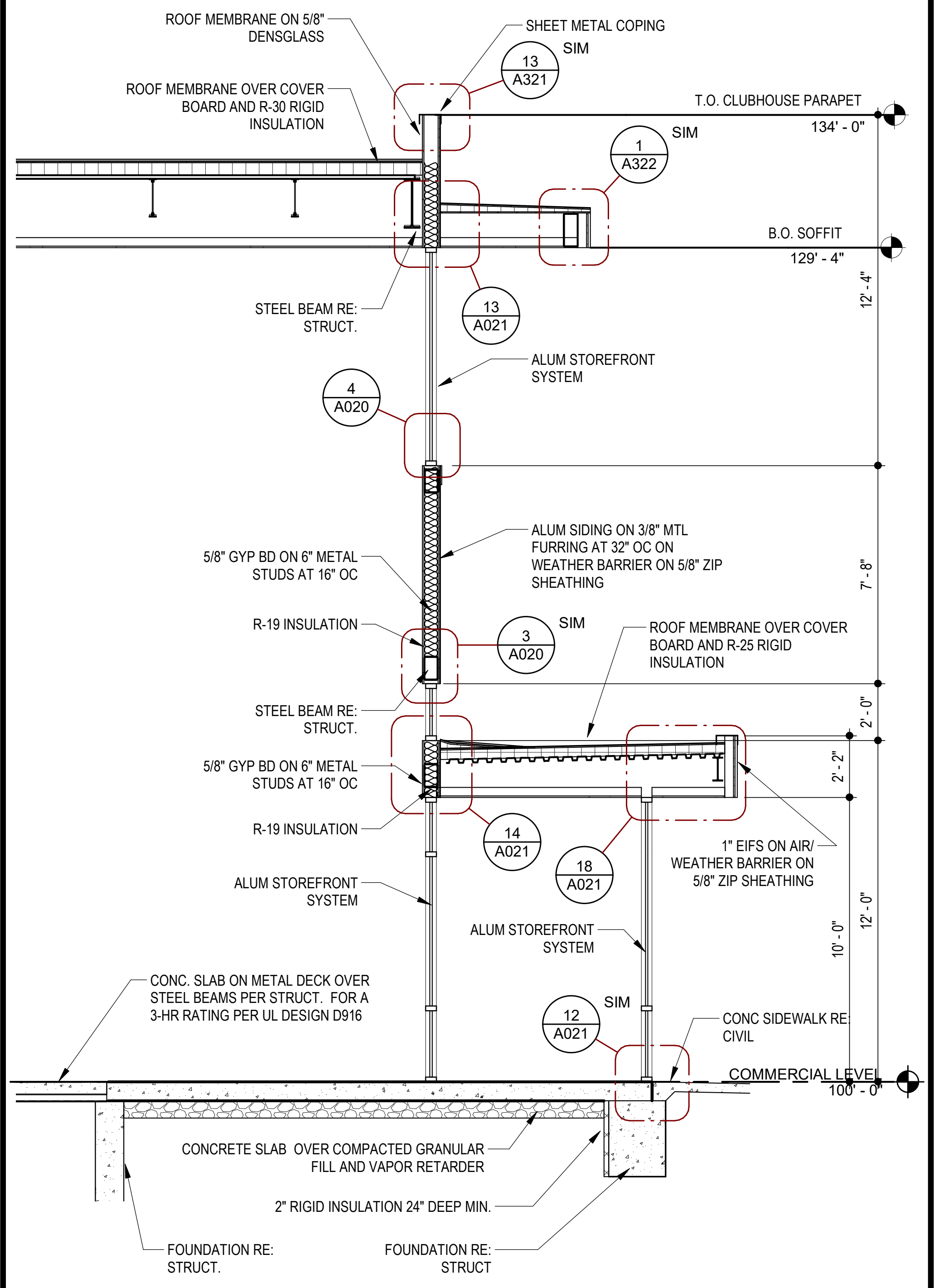
10 WALL SECTION @ CLUBHOUSE ENTRY PIER @ STOREFRONT

SCALE: 1/4" = 1'-0"


13
A321
SIM
SHEET METAL COPING
124' - 8"
T.O. PARAPET
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE ON COVER BOARD AND R-30 RIGID INSULATION
ALUM SIDING ON 3/8" MTL FURRING STRIPS AT 32" OC ON WEATHER BARRIER ON 5/8" ZIP SHEATHING
EIFS CAP
T.O. EIFS CAP
119' - 4"
JOIST BRG.
118' - 4 3/4"
STEEL BEAM RE: STRUCT
17
A321
SIM
5/8" GYP BD ON METAL STUDS STUDS AT 16" OC
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON 6" METAL STUDS AT 16" OC
3 5/8" METAL STUDS AT 16" OC
R-19 BATT INSULATION
3
A321
SIM
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
2' - 8"
COMMERCIAL LEVEL
100' - 0"
4
A321
SIM
2" PERIMETER INSULATION 24" DEEP MIN.
FOUNDATION RE: STRUCT.
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
FOUNDATION RE: STRUCT.

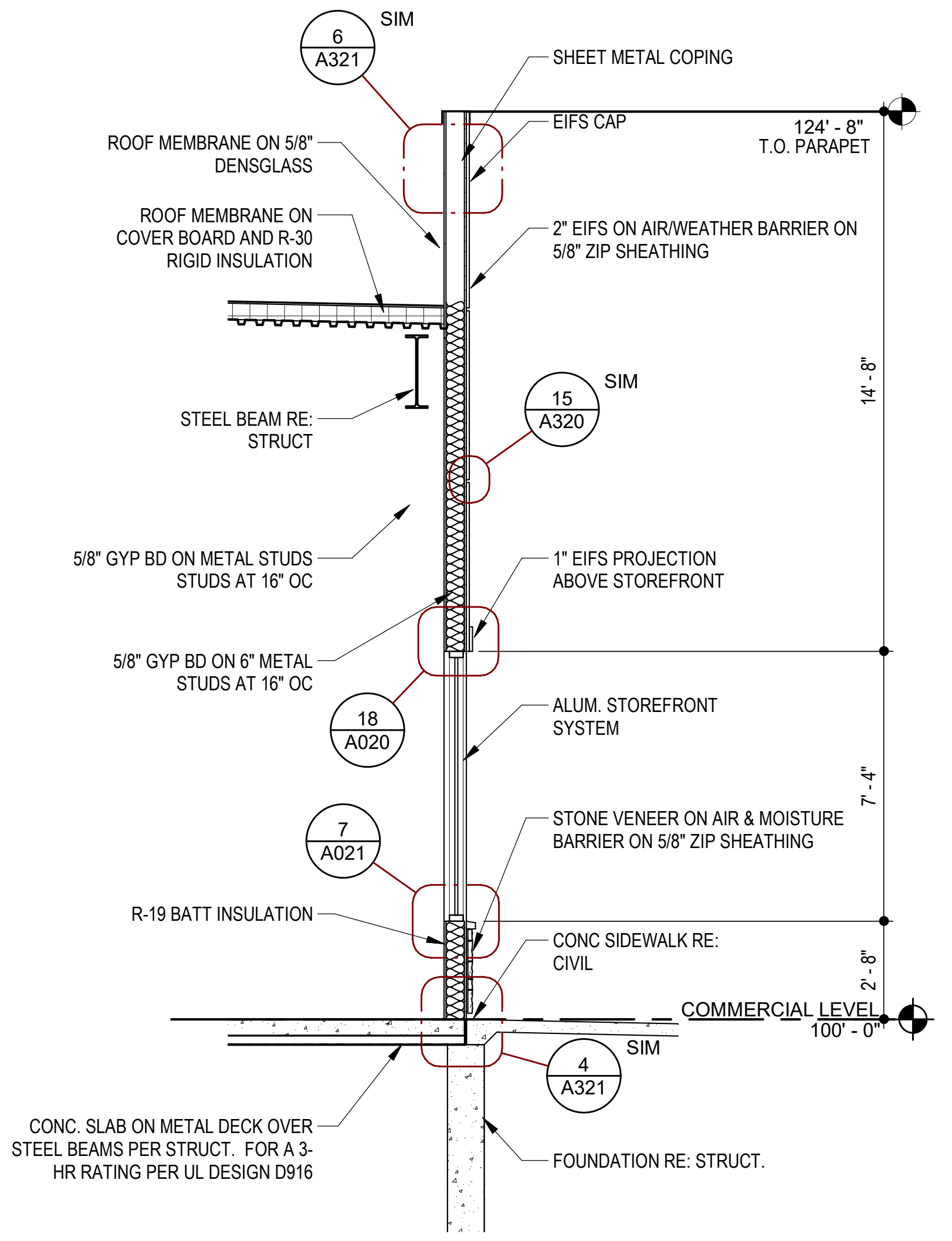
4 WALLSECTION @ CLUBHOUSE ENTRY PIER

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
SHEET METAL COPING
13
A321
SIM
ROOF MEMBRANE OVER COVER BOARD AND R-30 RIGID INSULATION
T.O. CLUBHOUSE PARAPET
134' - 0"
1
A322
SIM
B.O. SOFFIT
129' - 4"
12' - 4"
STEEL BEAM RE: STRUCT.
13
A021
4
A020
ALUM STOREFRONT SYSTEM
ALUM SIDING ON 3/8" MTL FURRING AT 32" OC ON WEATHER BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON 6" METAL STUDS AT 16" OC
R-19 INSULATION
3
A020
SIM
ROOF MEMBRANE OVER COVER BOARD AND R-25 RIGID INSULATION
7' - 8"
14' - 8"
STEEL BEAM RE: STRUCT.
5/8" GYP BD ON 6" METAL STUDS AT 16" OC
2' - 0"
2' - 2"
R-19 INSULATION
14
A021
18
A021
1" EIFS ON AIR/ WEATHER BARRIER ON 5/8" ZIP SHEATHING
ALUM STOREFRONT SYSTEM
ALUM STOREFRONT SYSTEM
12' - 0"
10' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
12
A021
SIM
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL
100' - 0"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
2" RIGID INSULATION 24" DEEP MIN.
FOUNDATION RE: STRUCT.
FOUNDATION RE: STRUCT

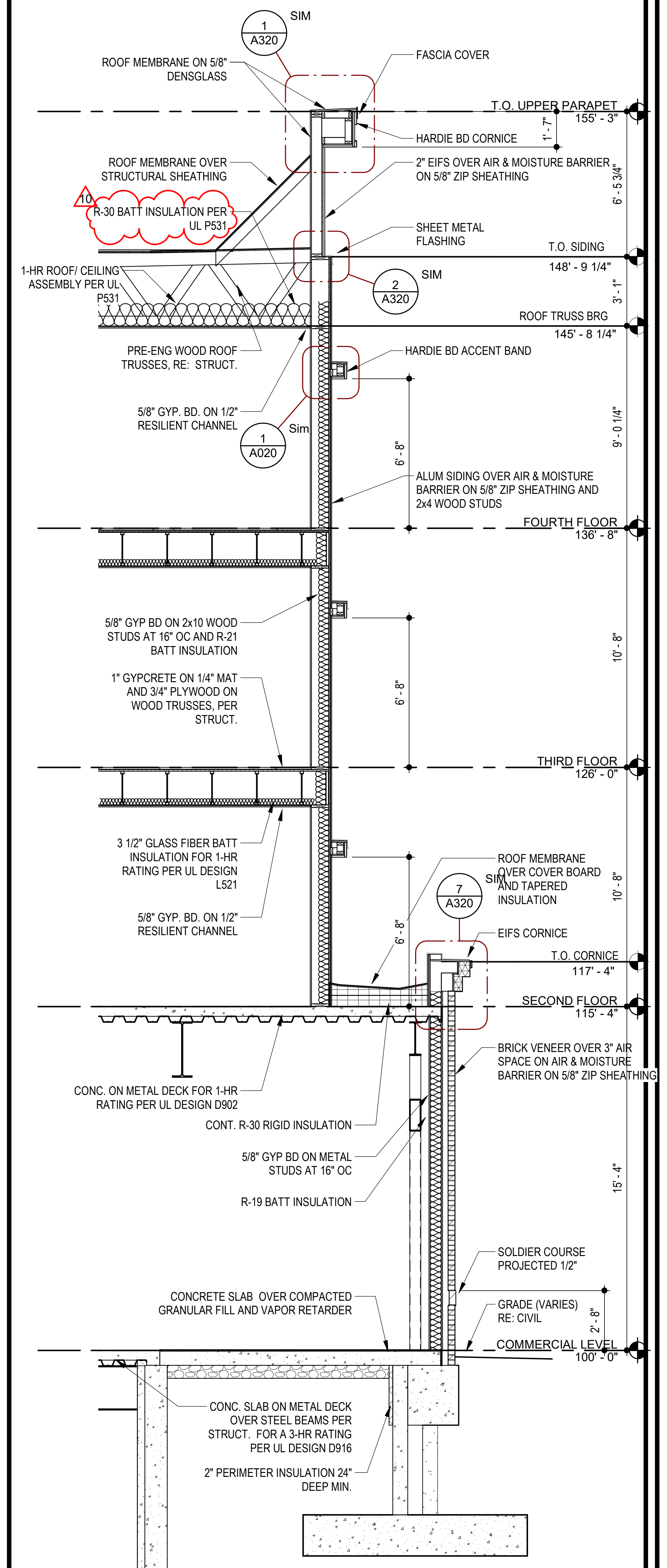
8 WALL SECTION @ CLUBHOUSE VESTIBULE

SCALE: 1/4" = 1'-0"


6
A321
SIM
SHEET METAL COPING
ROOF MEMBRANE ON 5/8" DENSGLASS
EIFS CAP
124' - 8"
T.O. PARAPET
ROOF MEMBRANE ON COVER BOARD AND R-30 RIGID INSULATION
2" EIFS ON AIR/WEATHER BARRIER ON 5/8" ZIP SHEATHING
STEEL BEAM RE: STRUCT
15
A320
SIM
14' - 8"
5/8" GYP BD ON METAL STUDS STUDS AT 16" OC
1" EIFS PROJECTION ABOVE STOREFRONT
5/8" GYP BD ON 6" METAL STUDS AT 16" OC
18
A020
ALUM. STOREFRONT SYSTEM
7
A021
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
7' - 4"
R-19 BATT INSULATION
CONC SIDEWALK RE: CIVIL
2' - 8"
COMMERCIAL LEVEL
100' - 0"
4
A321
SIM
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
FOUNDATION RE: STRUCT.

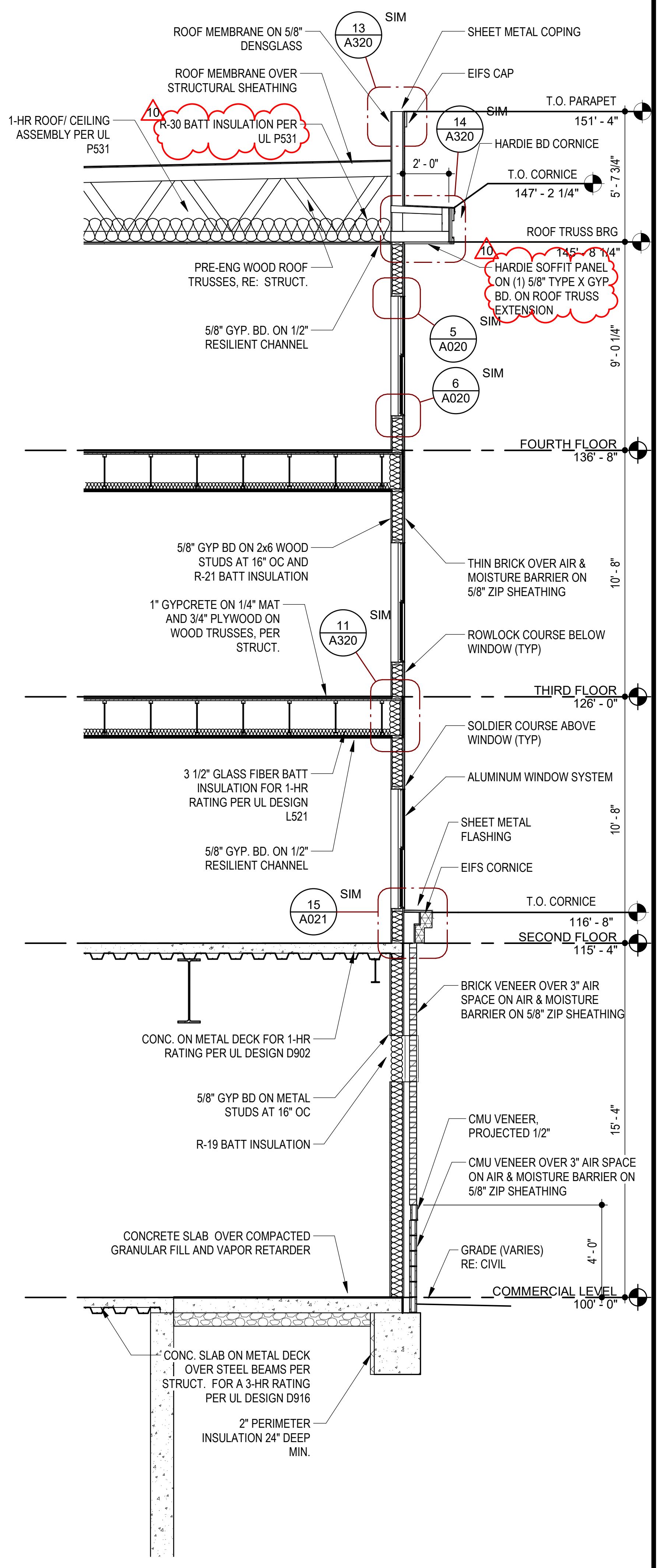
12 WALL SECTION @ CLUBHOUSE EIFS @ WINDOW

SCALE: 1/4" = 1'-0"


1
A320
SIM
FASCIA COVER
ROOF MEMBRANE ON 5/8" DENSGLASS
T.O. UPPER PARAPET
155' - 3"
1' - 7"
HARDIE BD CORNICE
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10
R-30 BATT INSULATION PER UL P531
6' - 5 3/4"
SHEET METAL FLASHING
T.O. SIDING
148' - 9 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
2
A320
SIM
3' - 1"
ROOF TRUSS BRG
145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE BD ACCENT BAND
5/8" GYP BD ON 1/2" RESILIENT CHANNEL
1
A020
Sim
9' - 0 1/4"
6' - 8"
ALUM SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING AND 2x4 WOOD STUDS
FOURTH FLOOR
136' - 8"
5/8" GYP BD ON 2x10 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
6' - 8"
10' - 8"
THIRD FLOOR
126' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
7
A320
SIM
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
EIFS CORNICE
6' - 8"
10' - 8"
T.O. CORNICE
117' - 4"
SECOND FLOOR
115' - 4"
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONT. R-30 RIGID INSULATION
5/8" GYP BD ON METAL STUDS AT 16" OC
R-19 BATT INSULATION
15' - 4"
SOLDIER COURSE PROJECTED 1/2"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
GRADE (VARIES) RE: CIVIL
2' - 8"
COMMERCIAL LEVEL
100' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.

16 WALL SECTION @ G1 ABOVE RETAIL

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
13
A320
SIM
SHEET METAL COPING
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
EIFS CAP
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
10
R-30 BATT INSULATION PER UL P531
14
A320
SIM
T.O. PARAPET
151' - 4"
HARDIE BD CORNICE
2' - 0"
T.O. CORNICE
147' - 2 1/4"
5' - 7 3/4"
ROOF TRUSS BRG
145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
10
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
SIM
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5
A020
6
A020
SIM
9' - 0 1/4"
FOURTH FLOOR
136' - 8"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
THIN BRICK VENEER OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
11
A320
SIM
10' - 8"
ROWLOCK COURSE BELOW WINDOW (TYP)
THIRD FLOOR
126' - 0"
SOLDIER COURSE ABOVE WINDOW (TYP)
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
ALUMINUM WINDOW SYSTEM
10' - 8"
SHEET METAL FLASHING
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
EIFS CORNICE
15
A021
SIM
T.O. CORNICE
116' - 8"
SECOND FLOOR
115' - 4"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
5/8" GYP. BD ON METAL STUDS AT 16" OC
CMU VENEER, PROJECTED 1/2"
R-19 BATT INSULATION
CMU VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
15' - 4"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
GRADE (VARIES) RE: CIVIL
4' - 0"
COMMERCIAL LEVEL
100' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2" PERIMETER INSULATION 24" DEEP MIN.

20 WALL SECTION @ G1 BEDROOM 2 WINDOWS ABOVE RETAIL

SCALE: 1/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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COMPANIES

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9812 Manchester Road
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www.triarchitects.com

DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
10	REVISION 5	7.2.2020

DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

A306

WALL SECTIONS

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
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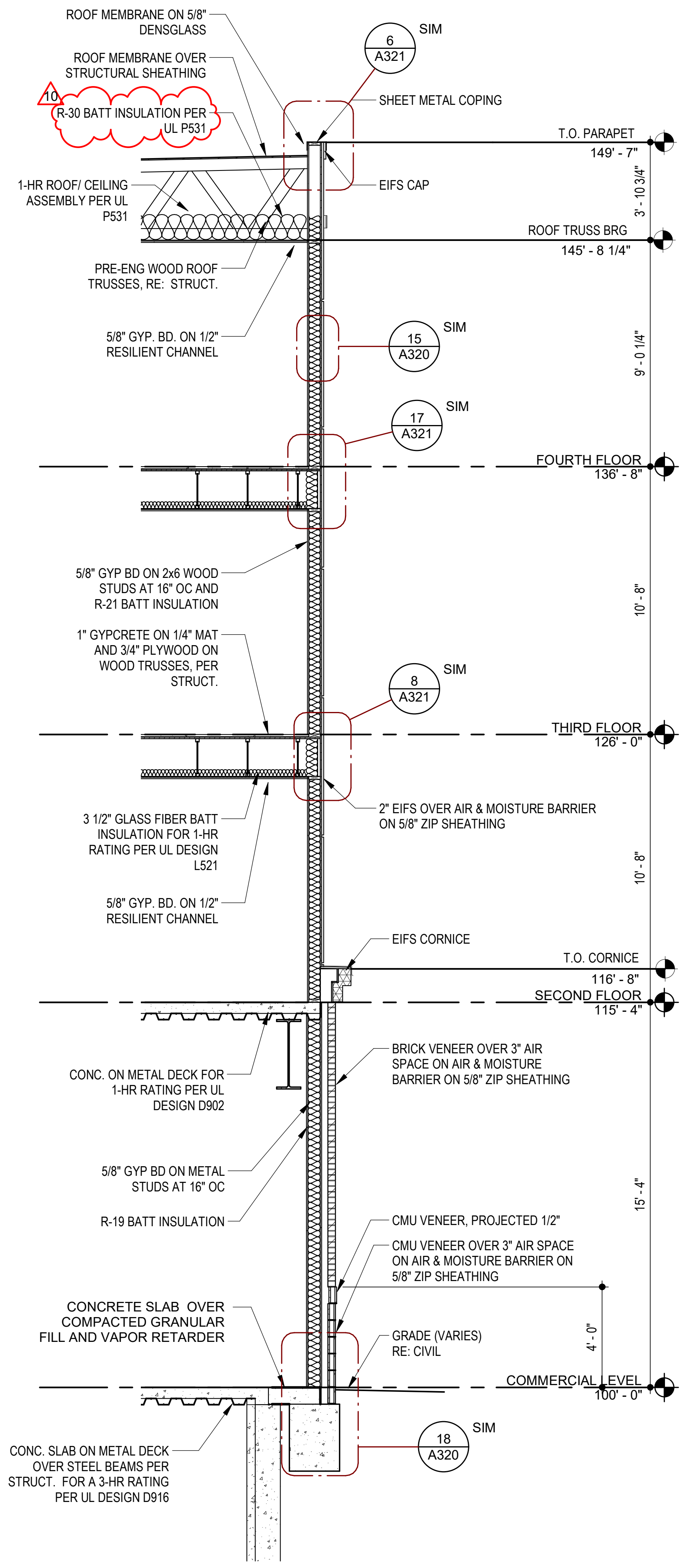
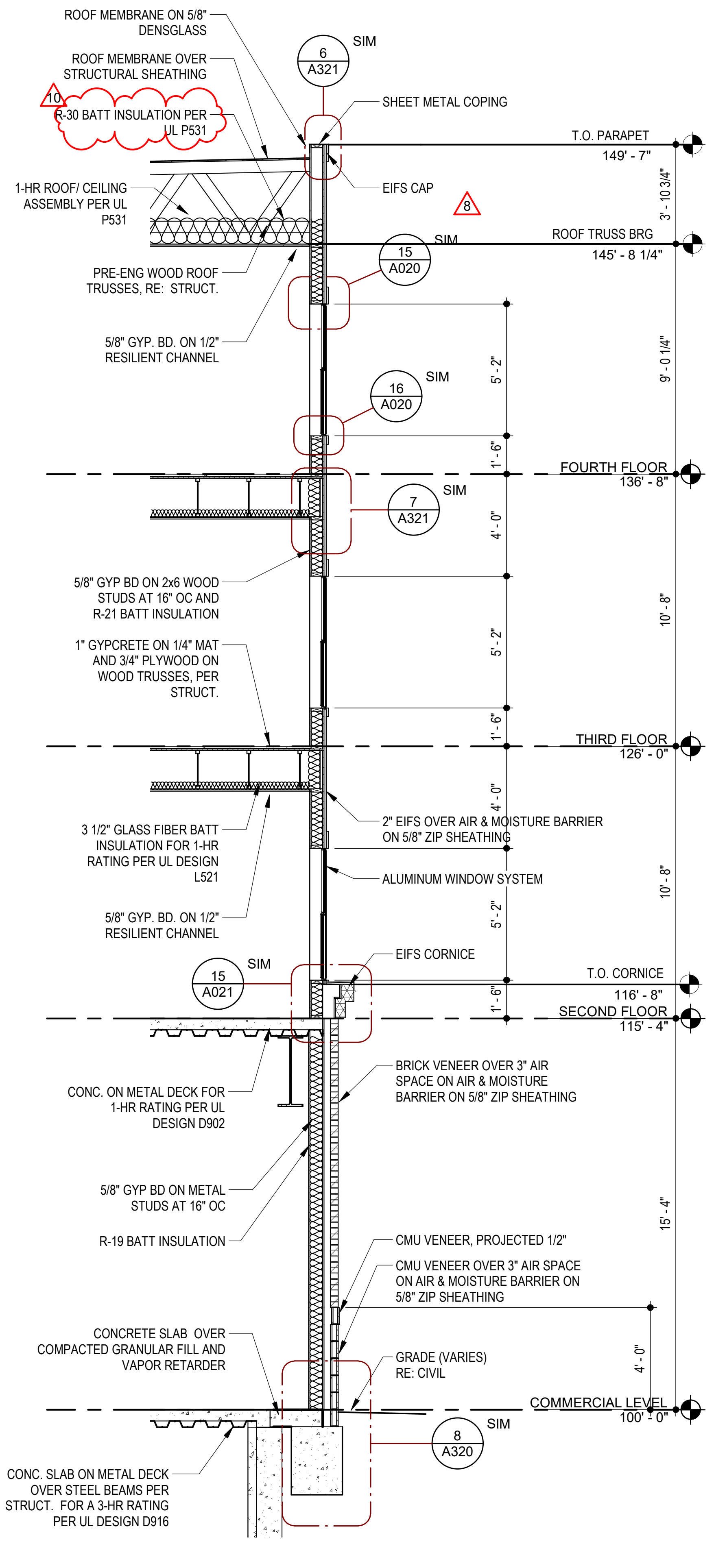
Lee's Summit, Missouri 64081


ROOF MEMBRANE ON 5/8" DENSGLASS
6 A321 SIM
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
SHEET METAL COPING
T.O. PARAPET 149' - 7"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
EIFS CAP
3' - 10 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
15 A320 SIM
9' - 0 1/4"
17 A321 SIM
FOURTH FLOOR 136' - 8"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
8 A321 SIM
THIRD FLOOR 126' - 0"
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
10' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
EIFS CORNICE
T.O. CORNICE 116' - 8"
SECOND FLOOR 115' - 4"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
5/8" GYP BD ON METAL STUDS AT 16" OC
15' - 4"
R-19 BATT INSULATION
CMU VENEER, PROJECTED 1/2"
CMU VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
GRADE (VARIES) RE: CIVIL
4' - 0"
COMMERCIAL LEVEL 100' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
18 A320 SIM

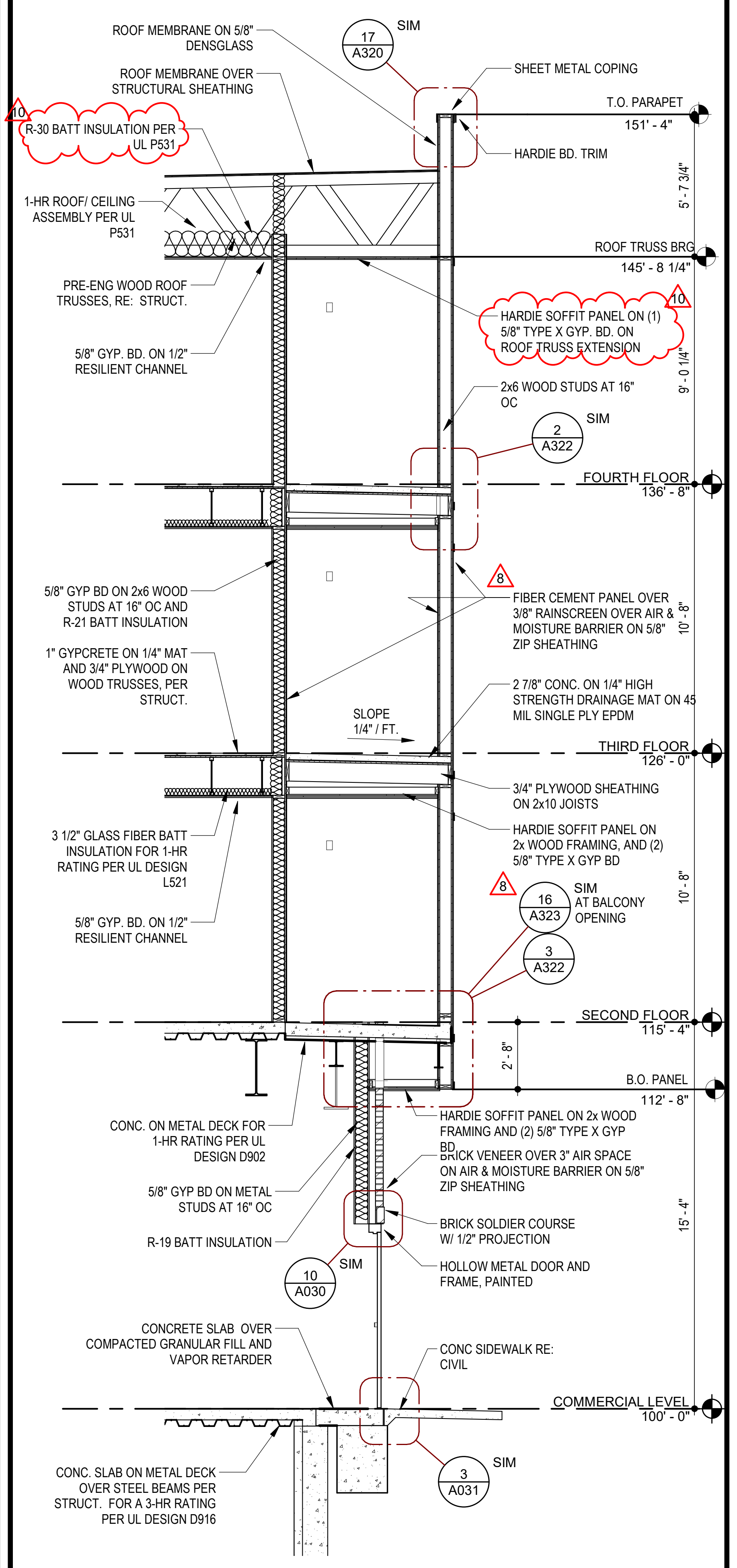
4 WALL SECTION @ D1 ABOVE RETAIL

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
6 A321 SIM
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
SHEET METAL COPING
T.O. PARAPET 149' - 7"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
EIFS CAP
8
3' - 10 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
15 A020 SIM
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5' - 2"
9' - 0 1/4"
16 A020 SIM
1' - 6"
FOURTH FLOOR 136' - 8"
7 A321 SIM
4' - 0"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
5' - 2"
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
1' - 6"
THIRD FLOOR 126' - 0"
4' - 0"
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
ALUMINUM WINDOW SYSTEM
5' - 2"
10' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
EIFS CORNICE
15 A021 SIM
T.O. CORNICE 116' - 8"
1' - 6"
SECOND FLOOR 115' - 4"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
5/8" GYP BD ON METAL STUDS AT 16" OC
15' - 4"
R-19 BATT INSULATION
CMU VENEER, PROJECTED 1/2"
CMU VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
GRADE (VARIES) RE: CIVIL
4' - 0"
COMMERCIAL LEVEL 100' - 0"
8 A320 SIM
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916

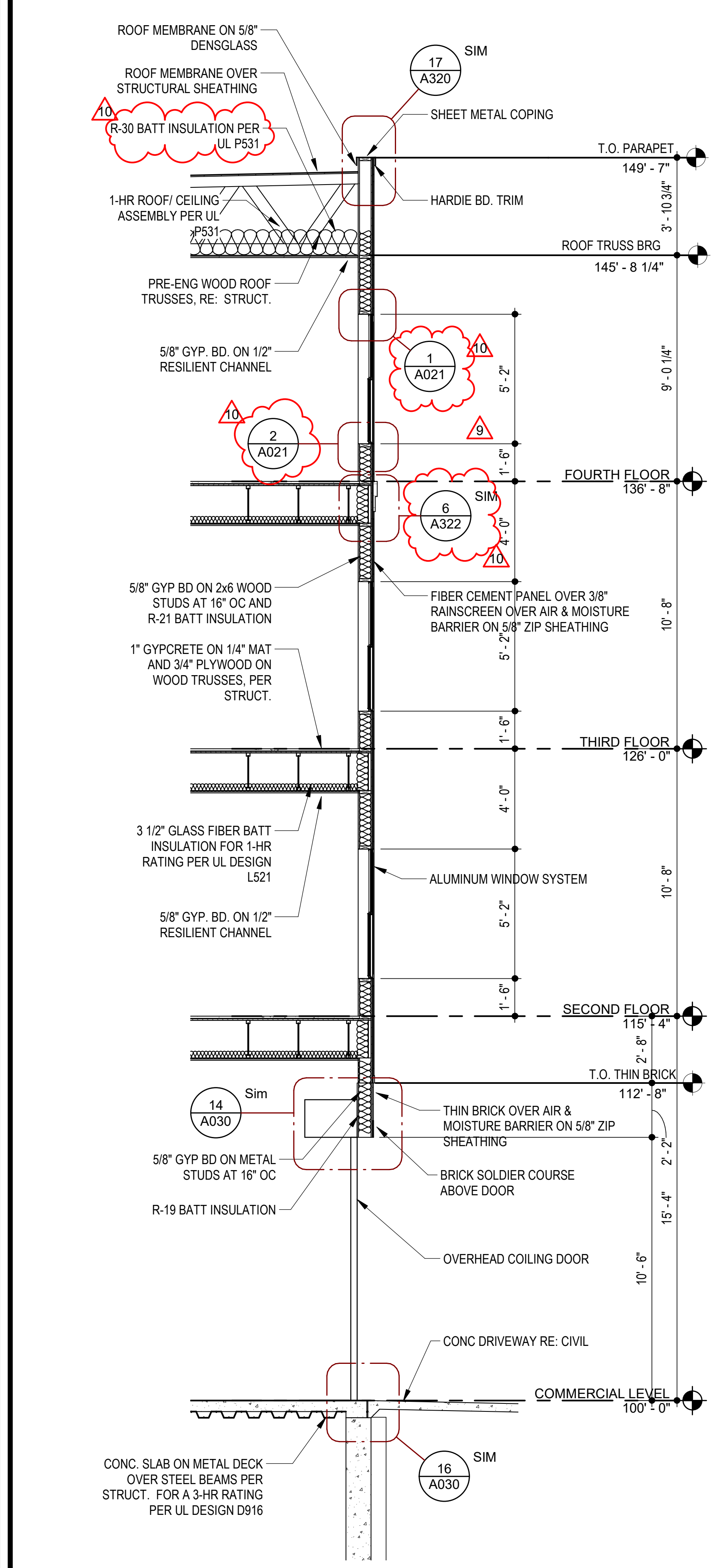
8 WALL SECTION @ D1 WINDOW ABOVE RETAIL

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
17 A320 SIM
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
SHEET METAL COPING
10
R-30 BATT INSULATION PER UL P531
T.O. PARAPET 151' - 4"
HARDIE BD. TRIM
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
5' - 7 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
10
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
9' - 0 1/4"
2x6 WOOD STUDS AT 16" OC
2 A322 SIM
FOURTH FLOOR 136' - 8"
8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
8
16 A323 SIM AT BALCONY OPENING
10' - 8"
3 A322
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SECOND FLOOR 115' - 4"
2' - 8"
B.O. PANEL 112' - 8"
CONC. ON METAL DECK FOR 1-HR RATING PER UL DESIGN D902
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING AND (2) 5/8" TYPE X GYP BD
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON METAL STUDS AT 16" OC
15' - 4"
BRICK SOLDIER COURSE W/ 1/2" PROJECTION
R-19 BATT INSULATION
10 A030 SIM
HOLLOW METAL DOOR AND FRAME, PAINTED
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC SIDEWALK RE: CIVIL
COMMERCIAL LEVEL 100' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
3 A031 SIM

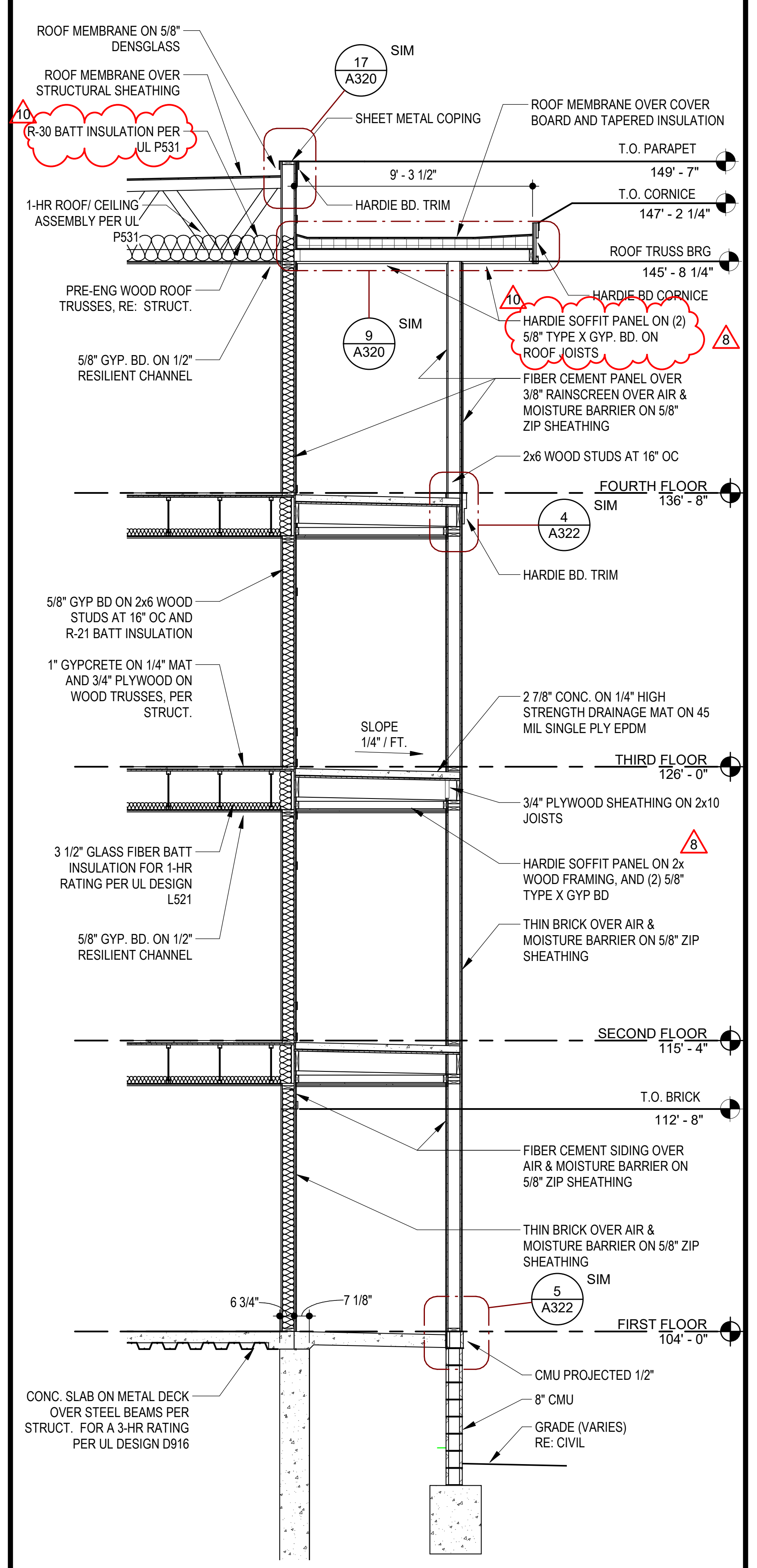
12 WALL SECTION @ D1 BALCONY ABOVE RETAIL

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
17 A320 SIM
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
SHEET METAL COPING
10
R-30 BATT INSULATION PER UL P531
T.O. PARAPET 149' - 7"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
HARDIE BD. TRIM
3' - 10 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
1 A021
10
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5' - 2"
9' - 0 1/4"
10
2 A021
9
1' - 6"
FOURTH FLOOR 136' - 8"
6 A322 SIM
10
4' - 0"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5' - 2"
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
1' - 6"
THIRD FLOOR 126' - 0"
4' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
ALUMINUM WINDOW SYSTEM
5' - 2"
10' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
1' - 6"
SECOND FLOOR 115' - 4"
2' - 8"
T.O. THIN BRICK 112' - 8"
14 A030 Sim
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
2' - 2"
5/8" GYP BD ON METAL STUDS AT 16" OC
BRICK SOLDIER COURSE ABOVE DOOR
R-19 BATT INSULATION
15' - 4"
OVERHEAD COILING DOOR
10' - 6"
CONC DRIVEWAY RE: CIVIL
COMMERCIAL LEVEL 100' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
16 A030 SIM

16 WALL SECTION @ TRASH AND OVERHEAD DOOR

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
17 A320 SIM
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
SHEET METAL COPING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
10
R-30 BATT INSULATION PER UL P531
T.O. PARAPET 149' - 7"
9' - 3 1/2"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
HARDIE BD. TRIM
T.O. CORNICE 147' - 2 1/4"
3' - 10 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE BD CORNICE
9 A320 SIM
10
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
8
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
9' - 0 1/4"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
2x6 WOOD STUDS AT 16" OC
FOURTH FLOOR 136' - 8"
4 A322 SIM
HARDIE BD. TRIM
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
8
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
10' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SECOND FLOOR 115' - 4"
T.O. BRICK 112' - 8"
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5 A322 SIM
6 3/4"
7 1/8"
FIRST FLOOR 104' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
CMU PROJECTED 1/2"
8" CMU
GRADE (VARIES) RE: CIVIL

20 WALL SECTION @ F1 BALCONY SOUTH

SCALE: 1/4" = 1'-0"

TR,i ARCHITECTS

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DATE: 7.29.19

REVISIONS #

#	REVISION	DATE
	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
9	REVISION 4	4.24.2020
10	REVISION 5	7.2.2020

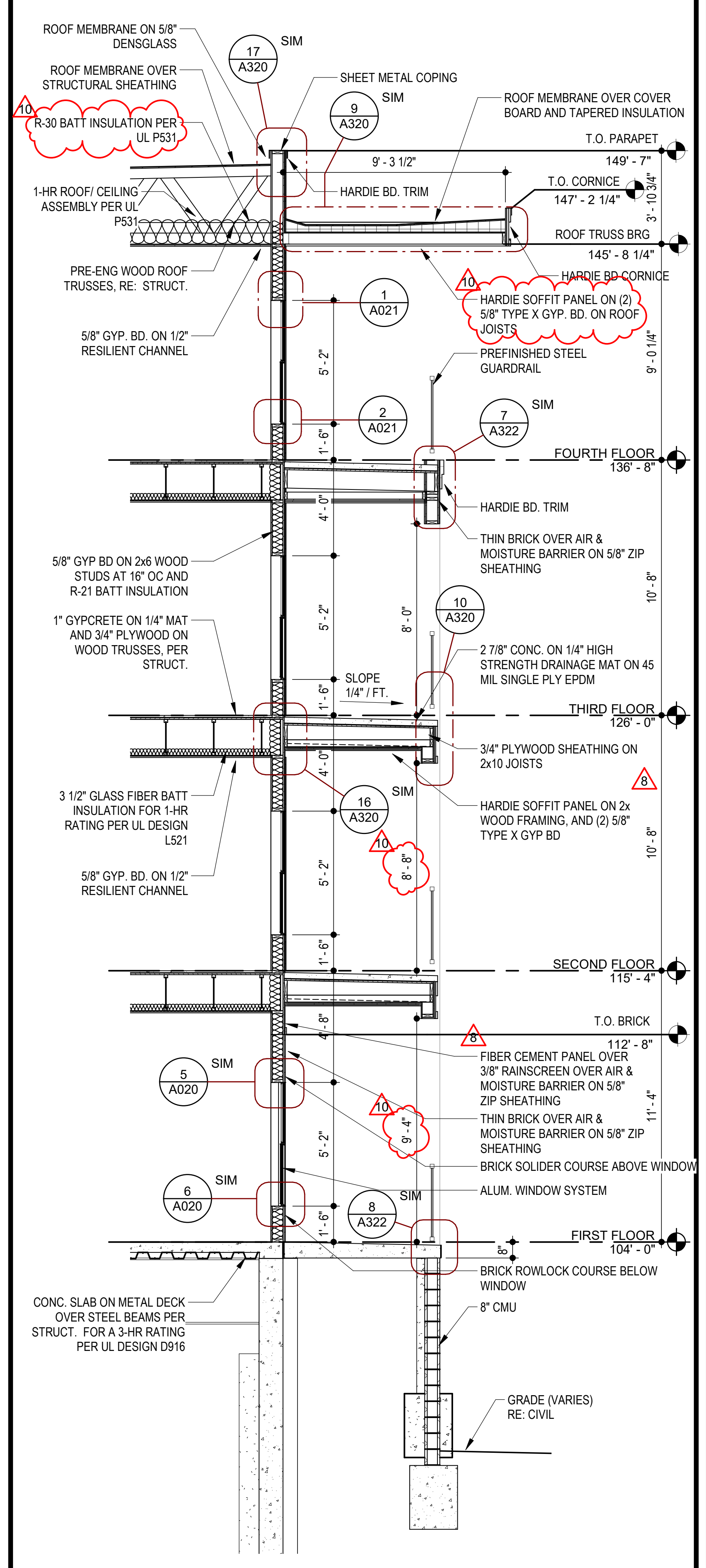
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

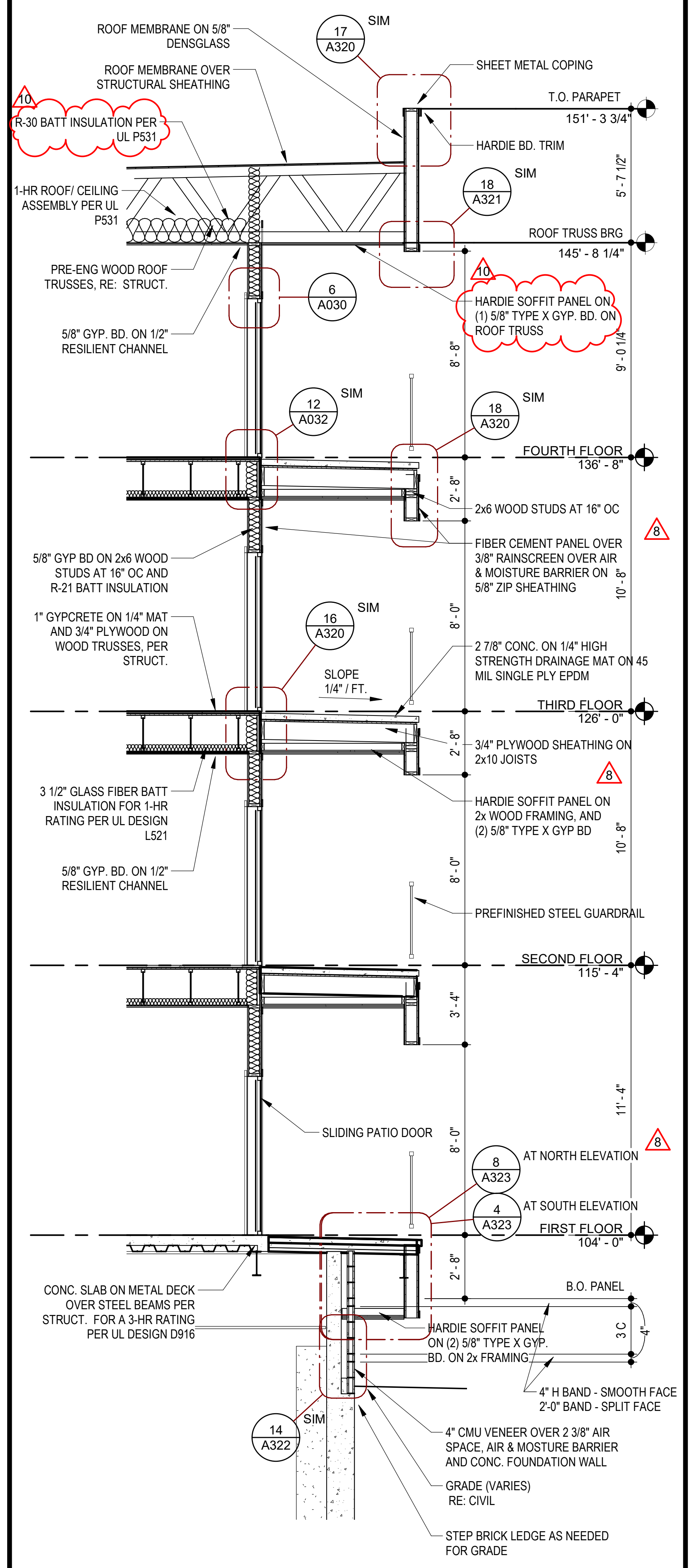
A307

WALL SECTIONS


ROOF MEMBRANE ON 5/8" DENSGLASS
17 A320 SIM
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
SHEET METAL COPING
9 A320 SIM
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
10
R-30 BATT INSULATION PER UL P531
T.O. PARAPET 149' - 7"
9' - 3 1/2"
T.O. CORNICE 147' - 2 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
HARDIE BD. TRIM
3' - 10 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE BD CORNICE
1 A021
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
PREFINISHED STEEL GUARDRAIL
9' - 0 1/4"
5' - 2"
2 A021
7 A322 SIM
1' - 6"
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
4' - 0"
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10' - 8"
10 A320
8' - 0"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
8
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
16 A320 SIM
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
8' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SECOND FLOOR 115' - 4"
T.O. BRICK 112' - 8"
4' - 8"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5 A020 SIM
9' - 4"
11' - 4"
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
BRICK SOLIDER COURSE ABOVE WINDOW
ALUM. WINDOW SYSTEM
6 A020 SIM
8 A322 SIM
FIRST FLOOR 104' - 0"
8"
BRICK ROWLOCK COURSE BELOW WINDOW
8" CMU
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
GRADE (VARIES) RE: CIVIL

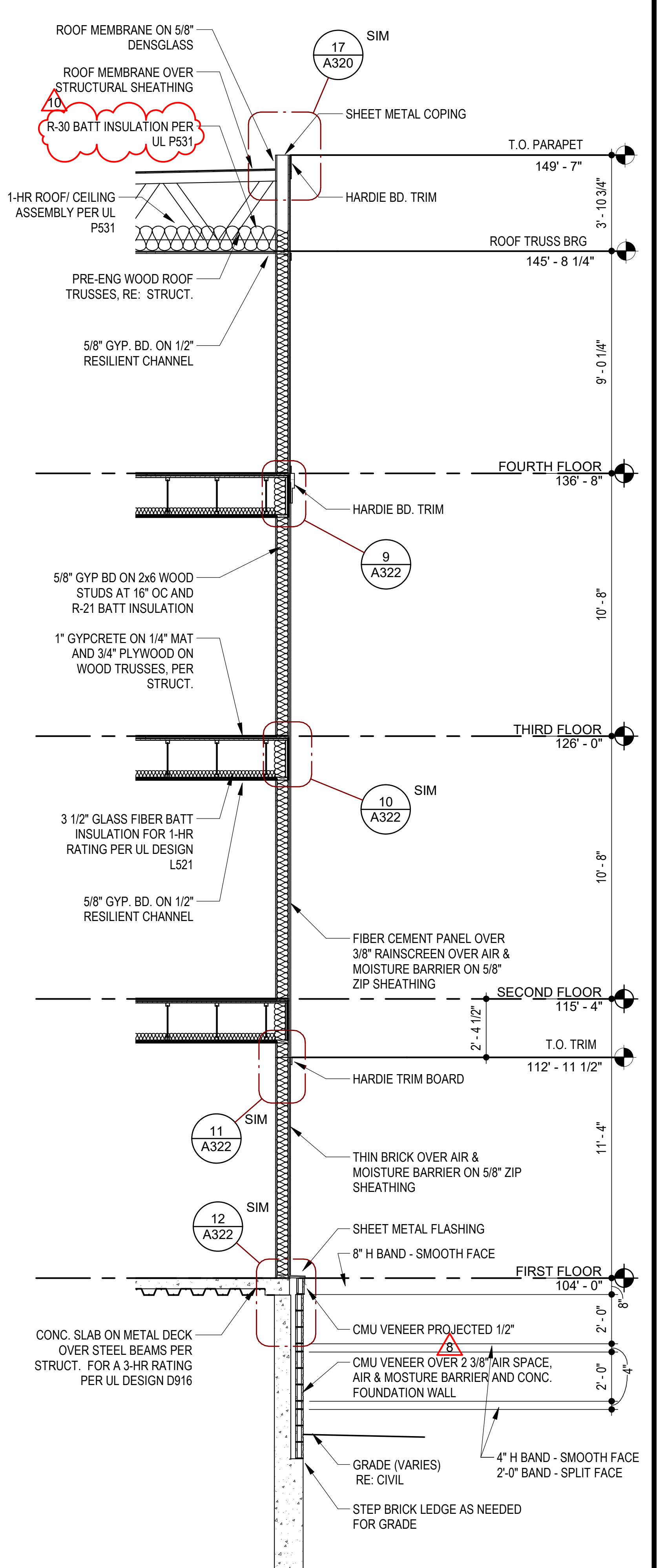
4 WALL SECTION @ F1 WINDOWS SOUTH

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
17 A320 SIM
SHEET METAL COPING
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
T.O. PARAPET 151' - 3 3/4"
HARDIE BD. TRIM
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
18 A321 SIM
5' - 7 1/2"
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
6 A030
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
8' - 8"
9' - 0 1/4"
12 A032 SIM
18 A320 SIM
FOURTH FLOOR 136' - 8"
2' - 8"
2x6 WOOD STUDS AT 16" OC
8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10' - 8"
16 A320 SIM
8' - 0"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
PREFINISHED STEEL GUARDRAIL
SECOND FLOOR 115' - 4"
3' - 4"
11' - 4"
SLIDING PATIO DOOR
8 A323 AT NORTH ELEVATION
4 A323 AT SOUTH ELEVATION
FIRST FLOOR 104' - 0"
B.O. PANEL
3 C
4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON 2x FRAMING
4" H BAND - SMOOTH FACE 2'-0" BAND - SPLIT FACE
14 A322 SIM
4" CMU VENEER OVER 2 3/8" AIR SPACE, AIR & MOSTURE BARRIER AND CONC. FOUNDATION WALL
GRADE (VARIES) RE: CIVIL
STEP BRICK LEDGE AS NEEDED FOR GRADE

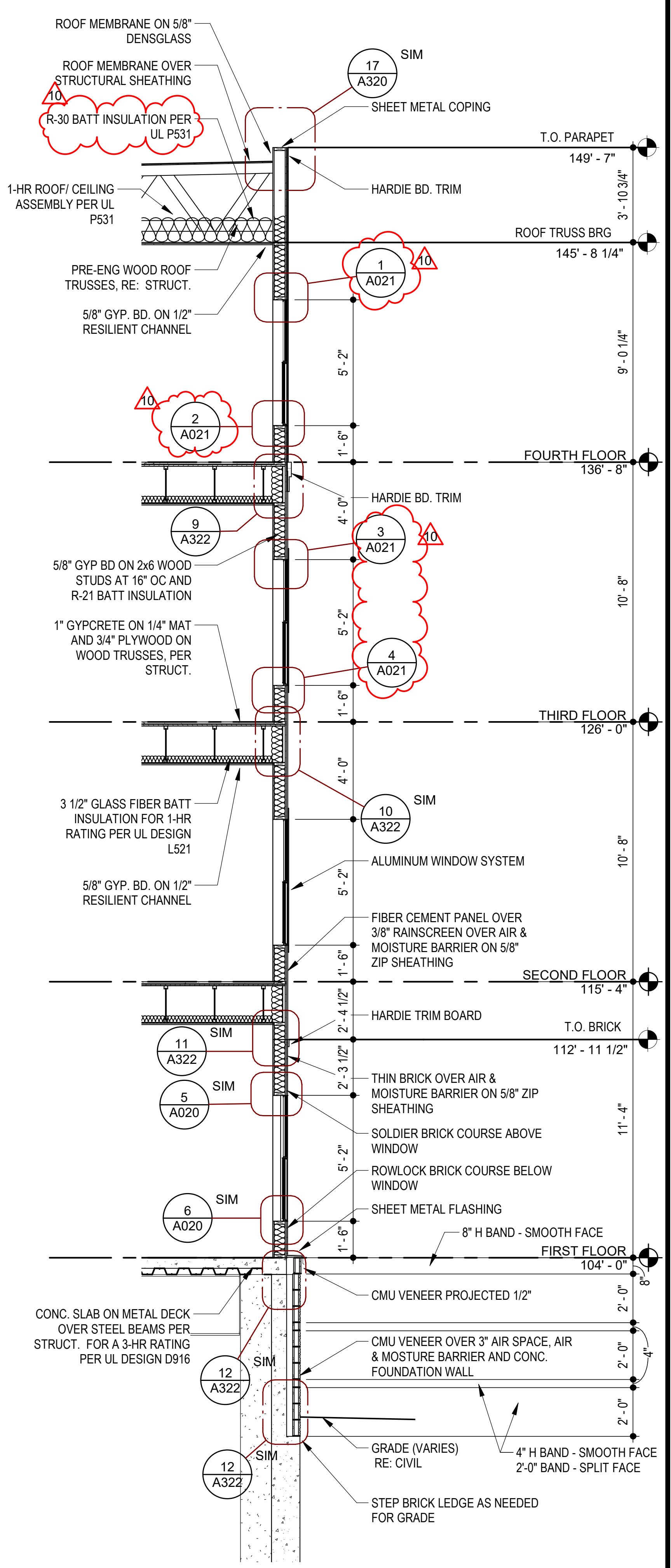
8 WALL SECTION @ D1 BALCONY ABOVE GARAGE

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
17 A320 SIM
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
SHEET METAL COPING
T.O. PARAPET 149' - 7"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
HARDIE BD. TRIM
3' - 10 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
9' - 0 1/4"
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
9 A322
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR 126' - 0"
10 A322 SIM
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SECOND FLOOR 115' - 4"
2' - 4 1/2"
T.O. TRIM 112' - 11 1/2"
HARDIE TRIM BOARD
11 A322 SIM
11' - 4"
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
12 A322 SIM
SHEET METAL FLASHING
8" H BAND - SMOOTH FACE
FIRST FLOOR 104' - 0"
8"
CMU VENEER PROJECTED 1/2"
8
2' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
CMU VENEER OVER 2 3/8" AIR SPACE, AIR & MOSTURE BARRIER AND CONC. FOUNDATION WALL
4"
GRADE (VARIES) RE: CIVIL
4" H BAND - SMOOTH FACE 2'-0" BAND - SPLIT FACE
STEP BRICK LEDGE AS NEEDED FOR GRADE

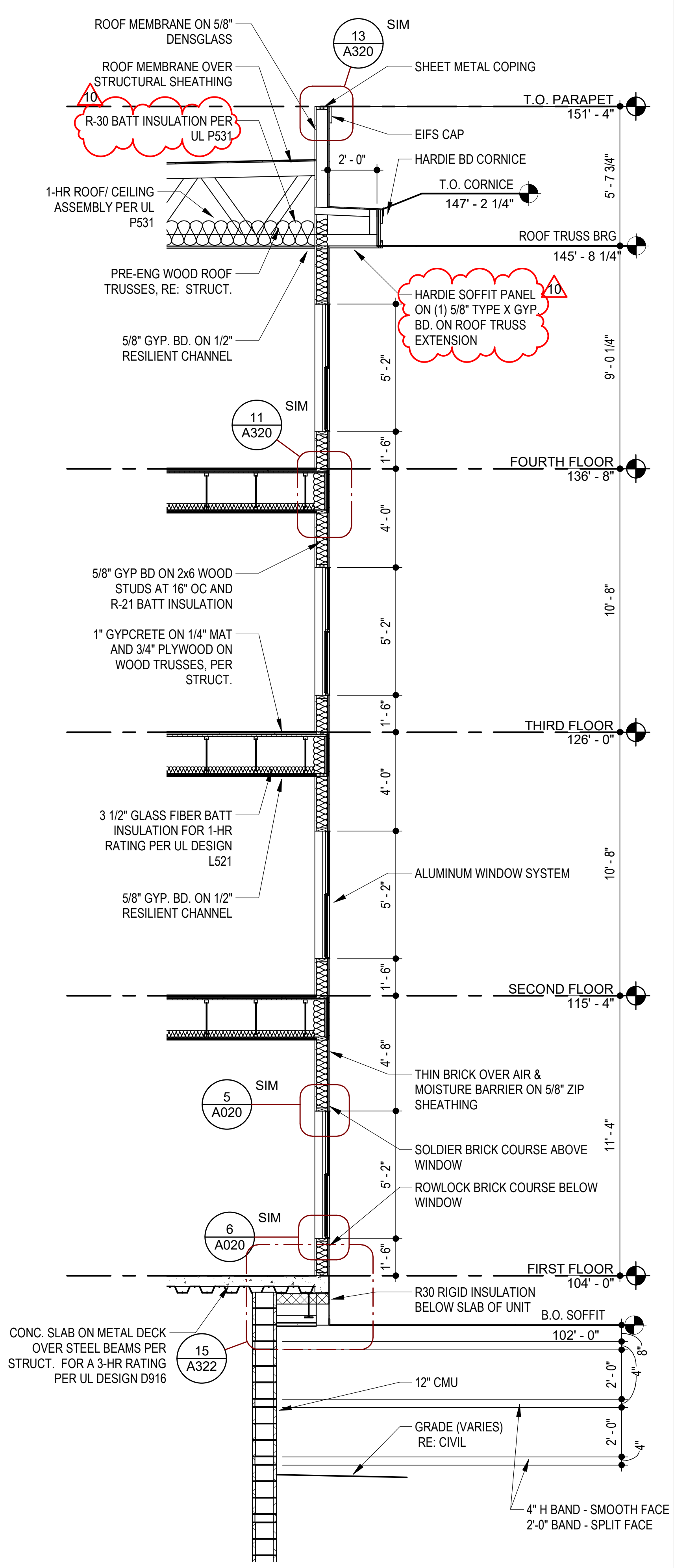
12 WALL SECTION @ D1 ABOVE GARAGE

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
17 A320 SIM
10
R-30 BATT INSULATION PER UL P531
SHEET METAL COPING
T.O. PARAPET 149' - 7"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
HARDIE BD. TRIM
3' - 10 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
1 A021
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5' - 2"
9' - 0 1/4"
2 A021
1' - 6"
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
4' - 0"
9 A322
3 A021
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
4 A021
THIRD FLOOR 126' - 0"
10 A322 SIM
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
ALUMINUM WINDOW SYSTEM
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SECOND FLOOR 115' - 4"
2' - 4 1/2"
HARDIE TRIM BOARD
T.O. BRICK 112' - 11 1/2"
11 A322 SIM
2' - 3 1/2"
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5 A020 SIM
11' - 4"
SOLDIER BRICK COURSE ABOVE WINDOW
ROWLOCK BRICK COURSE BELOW WINDOW
6 A020 SIM
SHEET METAL FLASHING
8" H BAND - SMOOTH FACE
FIRST FLOOR 104' - 0"
CMU VENEER PROJECTED 1/2"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
CMU VENEER OVER 3" AIR SPACE, AIR & MOSTURE BARRIER AND CONC. FOUNDATION WALL
12 A322 SIM
2' - 0"
4"
GRADE (VARIES) RE: CIVIL
4" H BAND - SMOOTH FACE 2'-0" BAND - SPLIT FACE
12 A322 SIM
STEP BRICK LEDGE AS NEEDED FOR GRADE

16 WALL SECTION @ D1 WINDOWS ABOVE GARAGE

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
13 A320 SIM
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
SHEET METAL COPING
10
R-30 BATT INSULATION PER UL P531
T.O. PARAPET 151' - 4"
EIFS CAP
2' - 0"
HARDIE BD CORNICE
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
T.O. CORNICE 147' - 2 1/4"
5' - 7 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5' - 2"
9' - 0 1/4"
11 A320 SIM
1' - 6"
FOURTH FLOOR 136' - 8"
4' - 0"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR 126' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
ALUMINUM WINDOW SYSTEM
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SECOND FLOOR 115' - 4"
4' - 8"
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5 A020 SIM
11' - 4"
SOLDIER BRICK COURSE ABOVE WINDOW
ROWLOCK BRICK COURSE BELOW WINDOW
6 A020 SIM
FIRST FLOOR 104' - 0"
R30 RIGID INSULATION BELOW SLAB OF UNIT
B.O. SOFFIT 102' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
15 A322
12" CMU
2' - 0"
8"
4"
GRADE (VARIES) RE: CIVIL
4" H BAND - SMOOTH FACE 2'-0" BAND - SPLIT FACE

20 WALL SECTION @ G1 WINDOWS IN BRICK ABOVE GARAGE

SCALE: 1/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

TR,i ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl
COMPANIES

Summit at West Pryor

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Lee's Summit, Missouri 64081

TR,i ARCHITECTS

TR,i Architects
9812 Manchester Road
St. Louis, Missouri 63119
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www.triarchitects.com

DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

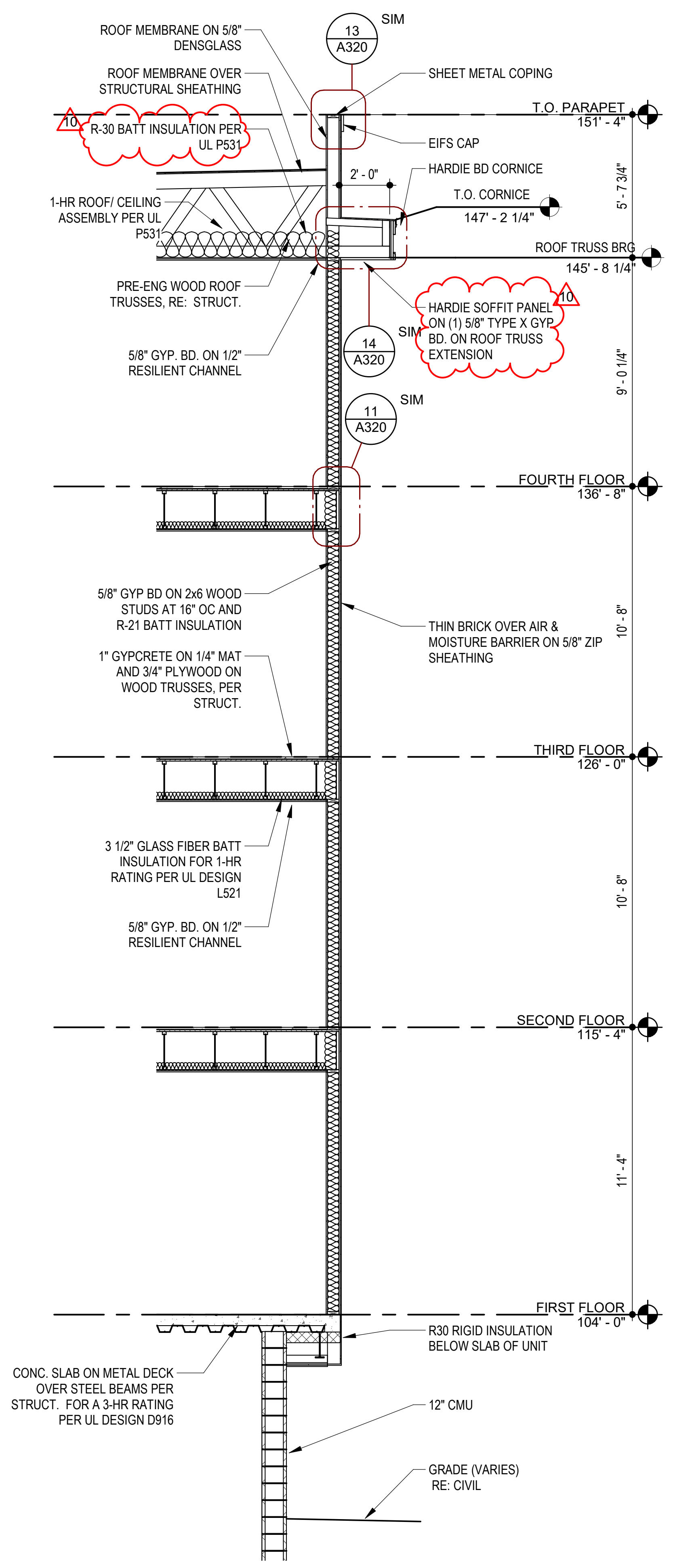
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

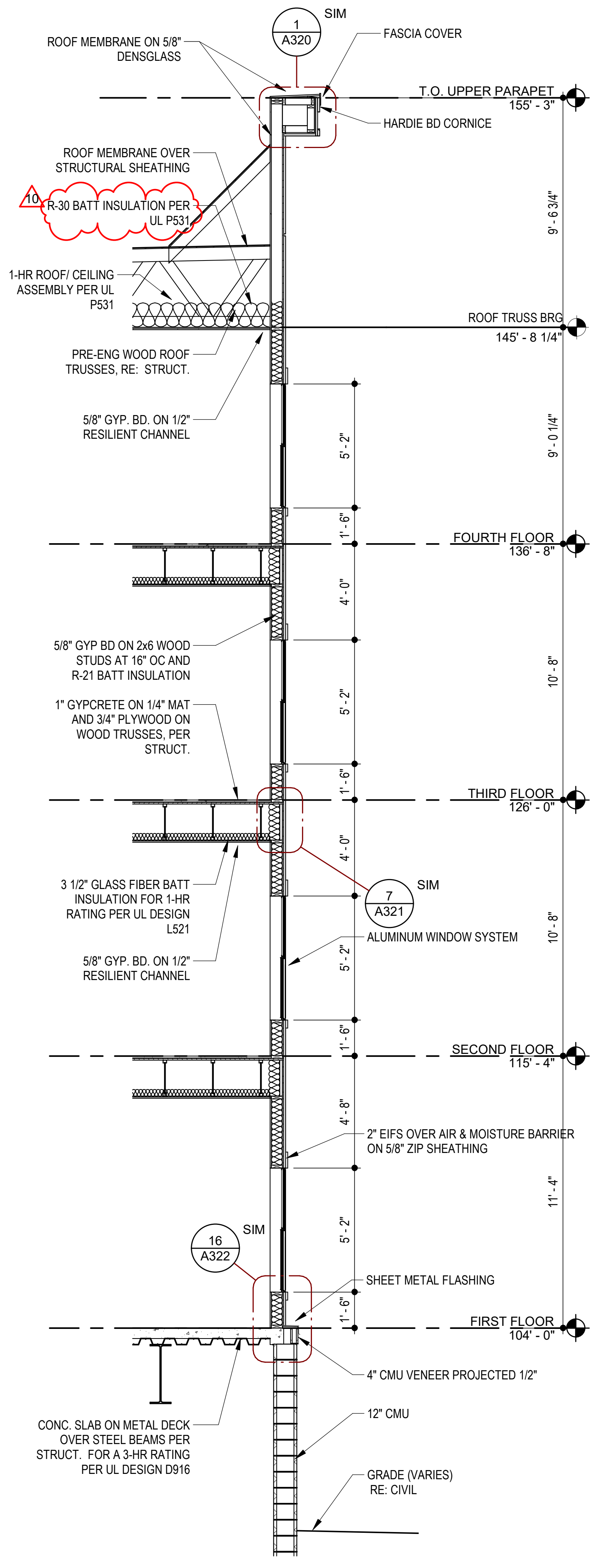
A308

WALL SECTIONS


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
13 A320 SIM
SHEET METAL COPING
T.O. PARAPET 151' - 4"
EIFS CAP
2' - 0"
HARDIE BD CORNICE
T.O. CORNICE 147' - 2 1/4"
ROOF TRUSS BRG 145' - 8 1/4"
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
10
14 A320 SIM
11 A320 SIM
5' - 7 3/4"
9' - 0 1/4"
FOURTH FLOOR 136' - 8"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
10' - 8"
THIRD FLOOR 126' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
10' - 8"
SECOND FLOOR 115' - 4"
11' - 4"
FIRST FLOOR 104' - 0"
R30 RIGID INSULATION BELOW SLAB OF UNIT
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
12" CMU
GRADE (VARIES) RE: CIVIL

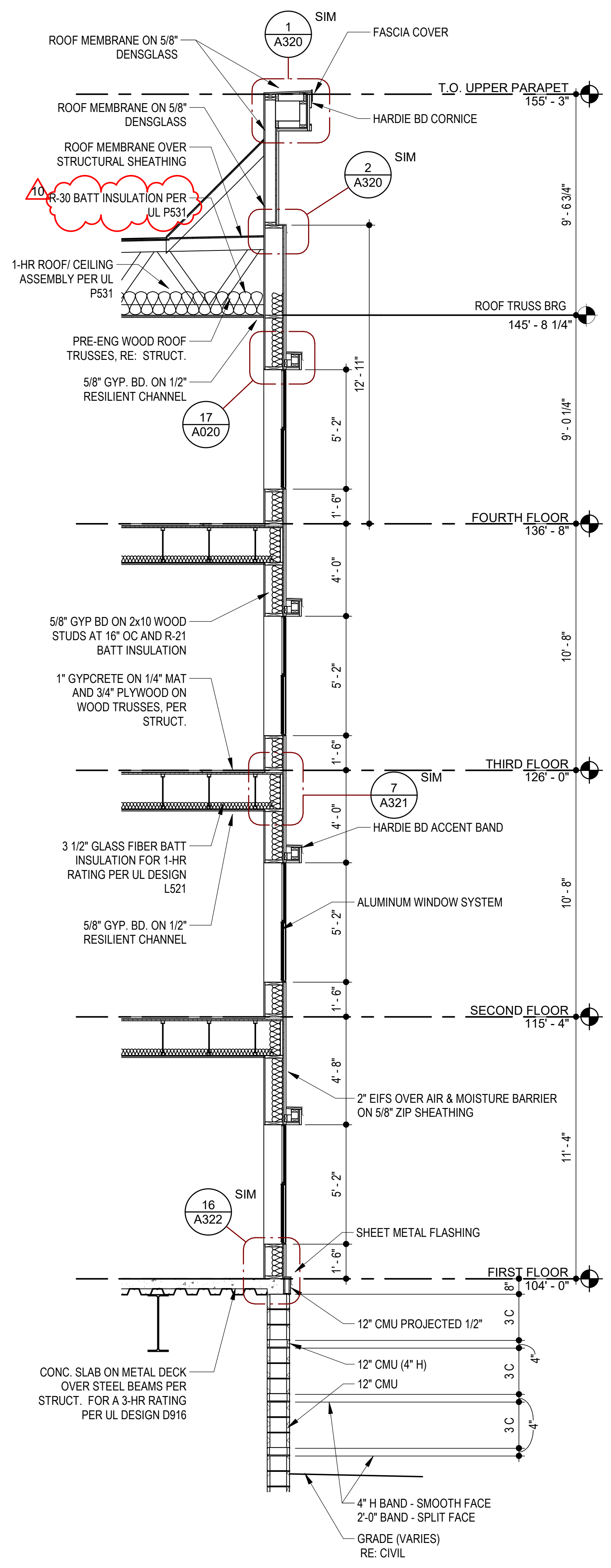
4 WALL SECTION @ G1 BRICK ABOVE GARAGE

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
1 A320 SIM
FASCIA COVER
T.O. UPPER PARAPET 155' - 3"
HARDIE BD CORNICE
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
9' - 6 3/4"
9' - 0 1/4"
FOURTH FLOOR 136' - 8"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR 126' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
7 A321 SIM
ALUMINUM WINDOW SYSTEM
SECOND FLOOR 115' - 4"
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
16 A322 SIM
SHEET METAL FLASHING
FIRST FLOOR 104' - 0"
4" CMU VENEER PROJECTED 1/2"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
12" CMU
GRADE (VARIES) RE: CIVIL
5' - 2"
1' - 6"
4' - 0"
4' - 8"
10' - 8"
11' - 4"

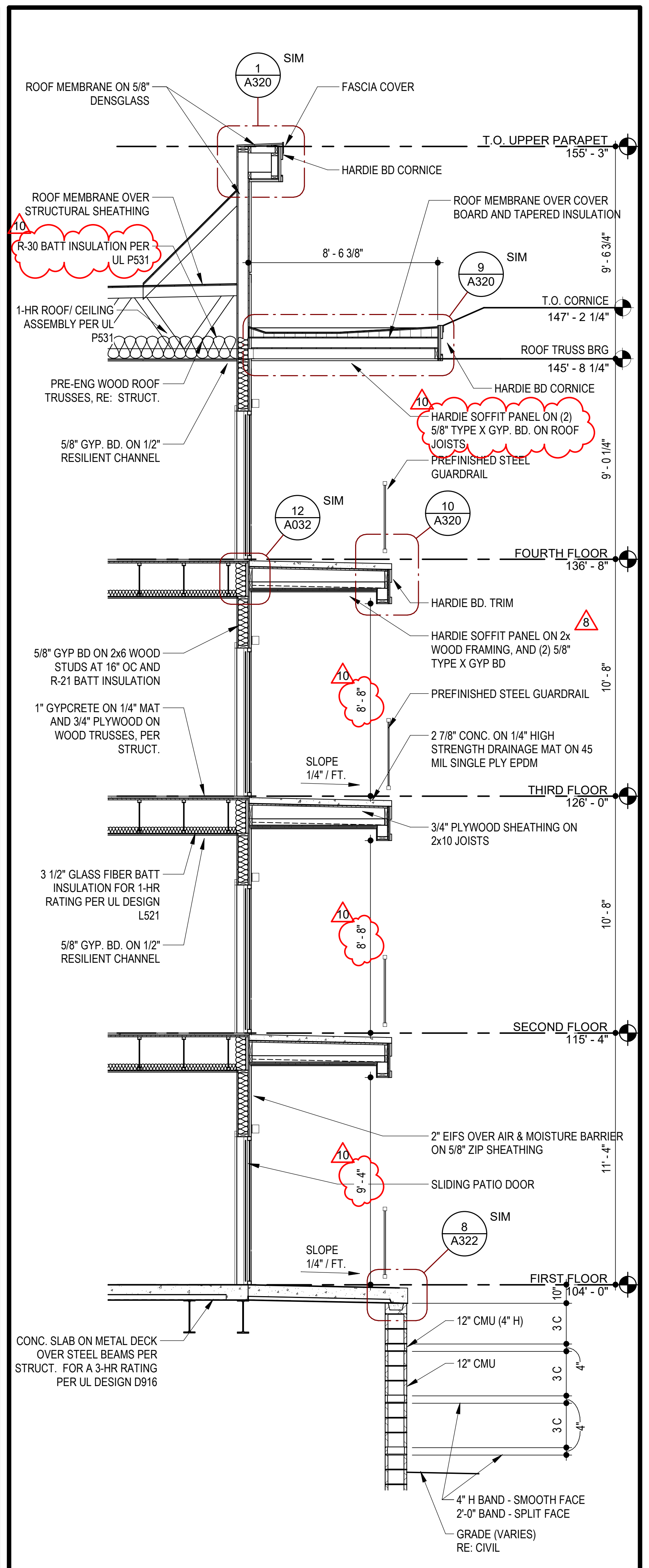
8 WALL SECTION @ G1 WINDOWS IN EIFS ABOVE GARAGE

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
1 A320 SIM
FASCIA COVER
T.O. UPPER PARAPET 155' - 3"
HARDIE BD CORNICE
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
2 A320 SIM
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
17 A020
12' - 11"
9' - 6 3/4"
9' - 0 1/4"
FOURTH FLOOR 136' - 8"
5/8" GYP BD ON 2x10 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR 126' - 0"
7 A321 SIM
HARDIE BD ACCENT BAND
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
ALUMINUM WINDOW SYSTEM
SECOND FLOOR 115' - 4"
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
16 A322 SIM
SHEET METAL FLASHING
FIRST FLOOR 104' - 0"
12" CMU PROJECTED 1/2"
12" CMU (4" H)
12" CMU
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
4" H BAND - SMOOTH FACE
2'-0" BAND - SPLIT FACE
GRADE (VARIES) RE: CIVIL
3 C
4"
8"
5' - 2"
1' - 6"
4' - 0"
4' - 8"
10' - 8"
11' - 4"

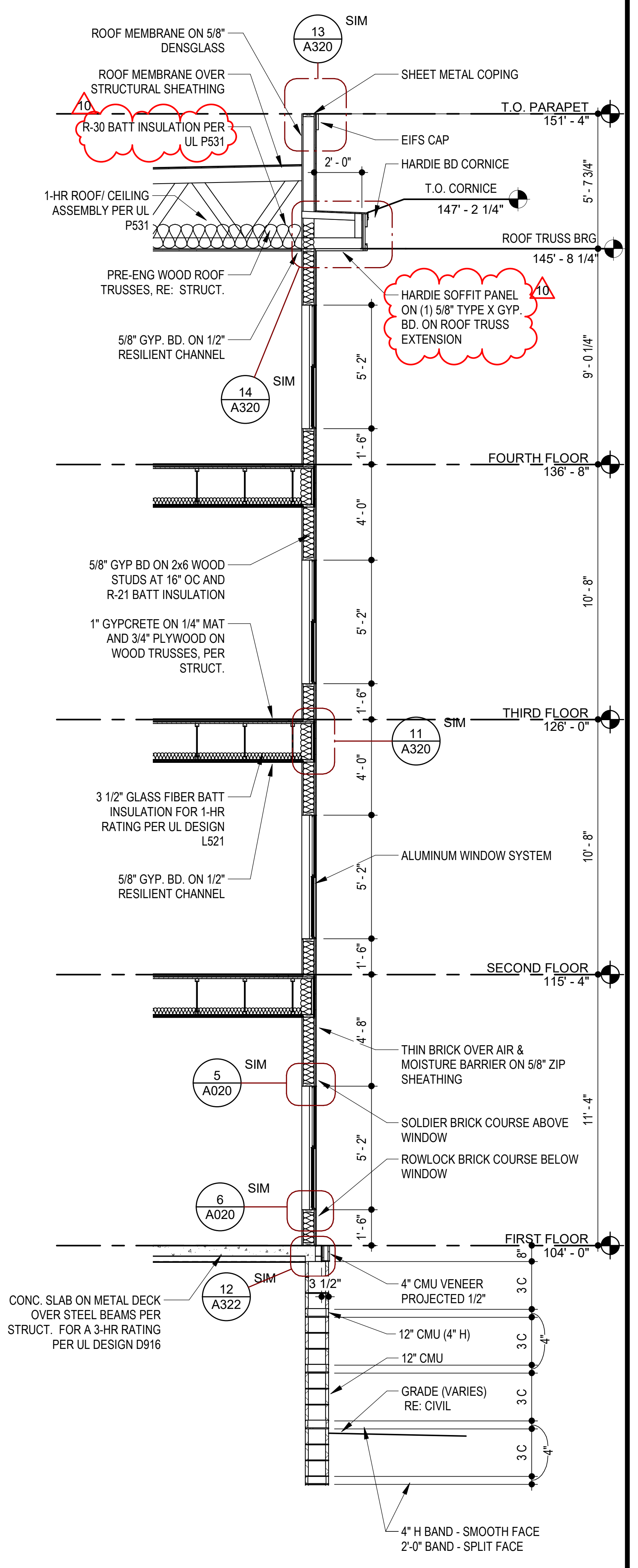
12 WALL SECTION @ G1 WINDOWS IN EIFS ACCENT ABOVE GARAGE

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
1 A320 SIM
FASCIA COVER
T.O. UPPER PARAPET 155' - 3"
HARDIE BD CORNICE
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
10
R-30 BATT INSULATION PER UL P531
8' - 6 3/8"
9 A320 SIM
T.O. CORNICE 147' - 2 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE BD CORNICE
10
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
PREFINISHED STEEL GUARDRAIL
12 A032 SIM
10 A320
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
8
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10
8' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
PREFINISHED STEEL GUARDRAIL
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
10
8' - 8"
SECOND FLOOR 115' - 4"
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10
9' - 4"
SLIDING PATIO DOOR
8 A322 SIM
SLOPE 1/4" / FT.
FIRST FLOOR 104' - 0"
10"
12" CMU (4" H)
12" CMU
3 C
4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
4" H BAND - SMOOTH FACE
2'-0" BAND - SPLIT FACE
GRADE (VARIES) RE: CIVIL
9' - 6 3/4"
9' - 0 1/4"
10' - 8"
11' - 4"

16 WALL SECTION @ G1 BALCONY ABOVE GARAGE

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
13 A320 SIM
SHEET METAL COPING
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
T.O. PARAPET 151' - 4"
10
R-30 BATT INSULATION PER UL P531
EIFS CAP
2' - 0"
HARDIE BD CORNICE
T.O. CORNICE 147' - 2 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
10
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
14 A320 SIM
5' - 7 3/4"
9' - 0 1/4"
FOURTH FLOOR 136' - 8"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR 126' - 0"
11 A320 SIM
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
ALUMINUM WINDOW SYSTEM
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SECOND FLOOR 115' - 4"
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5 A020 SIM
SOLDIER BRICK COURSE ABOVE WINDOW
ROWLOCK BRICK COURSE BELOW WINDOW
6 A020 SIM
FIRST FLOOR 104' - 0"
12 A322 SIM
3 1/2"
4" CMU VENEER PROJECTED 1/2"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
12" CMU (4" H)
12" CMU
GRADE (VARIES) RE: CIVIL
4" H BAND - SMOOTH FACE
2'-0" BAND - SPLIT FACE
3 C
4"
8"
5' - 2"
1' - 6"
4' - 0"
4' - 8"
10' - 8"
11' - 4"

20 WALL SECTION @ G1 WINDOWS ABOVE GARAGE

SCALE: 1/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

TR,i ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl
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DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

A309

WALL SECTIONS

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

TR,i ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl
COMPANIES

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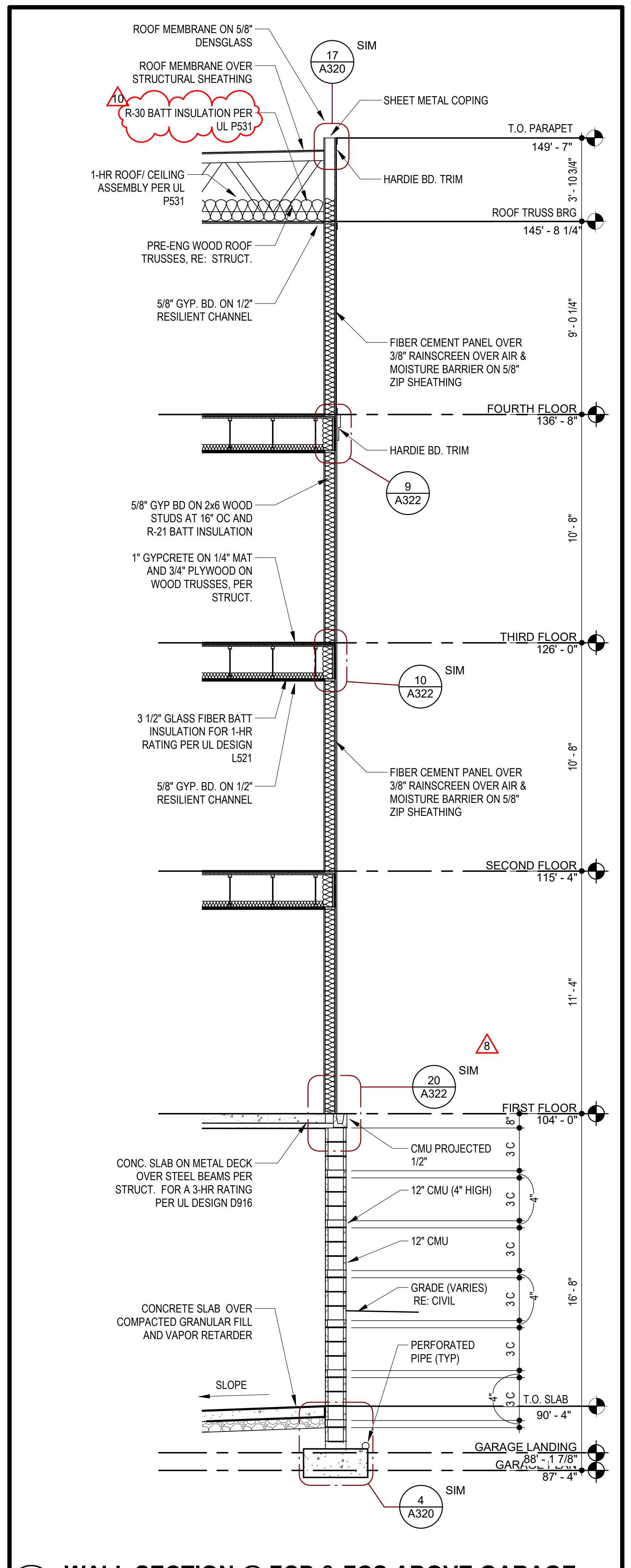
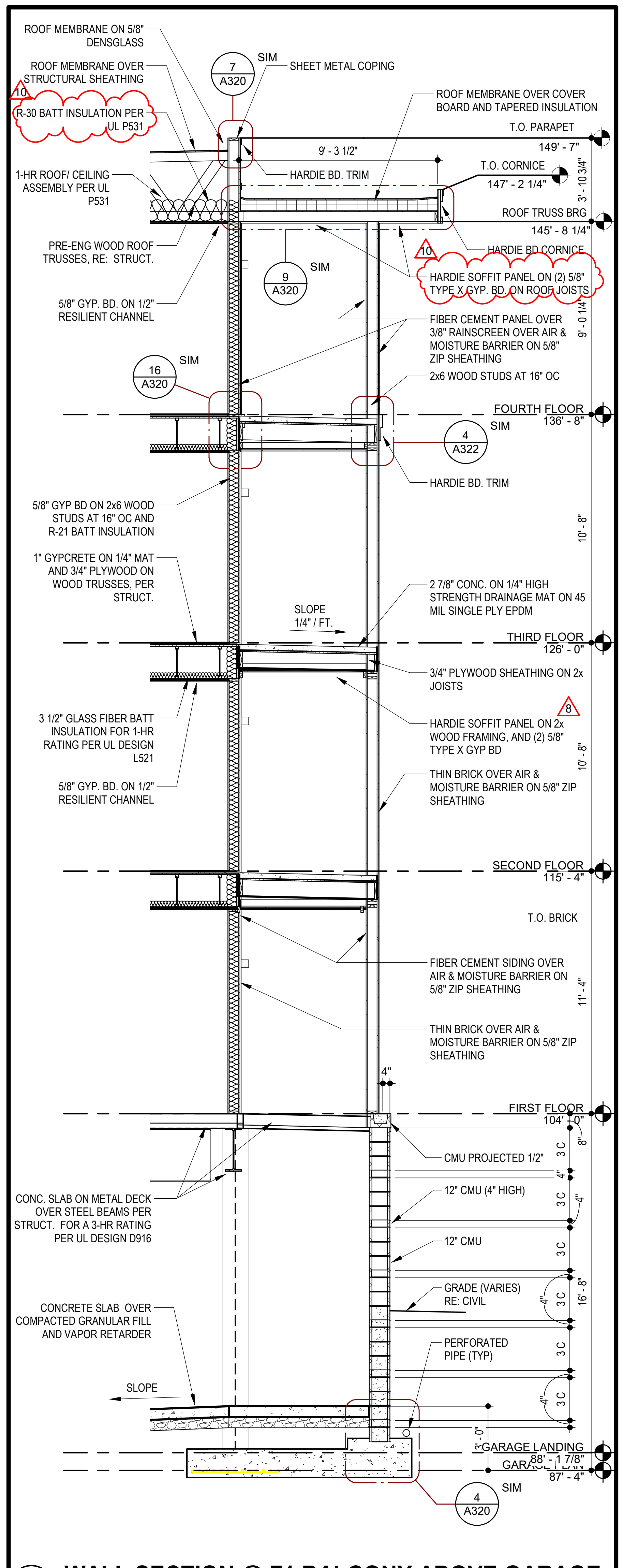
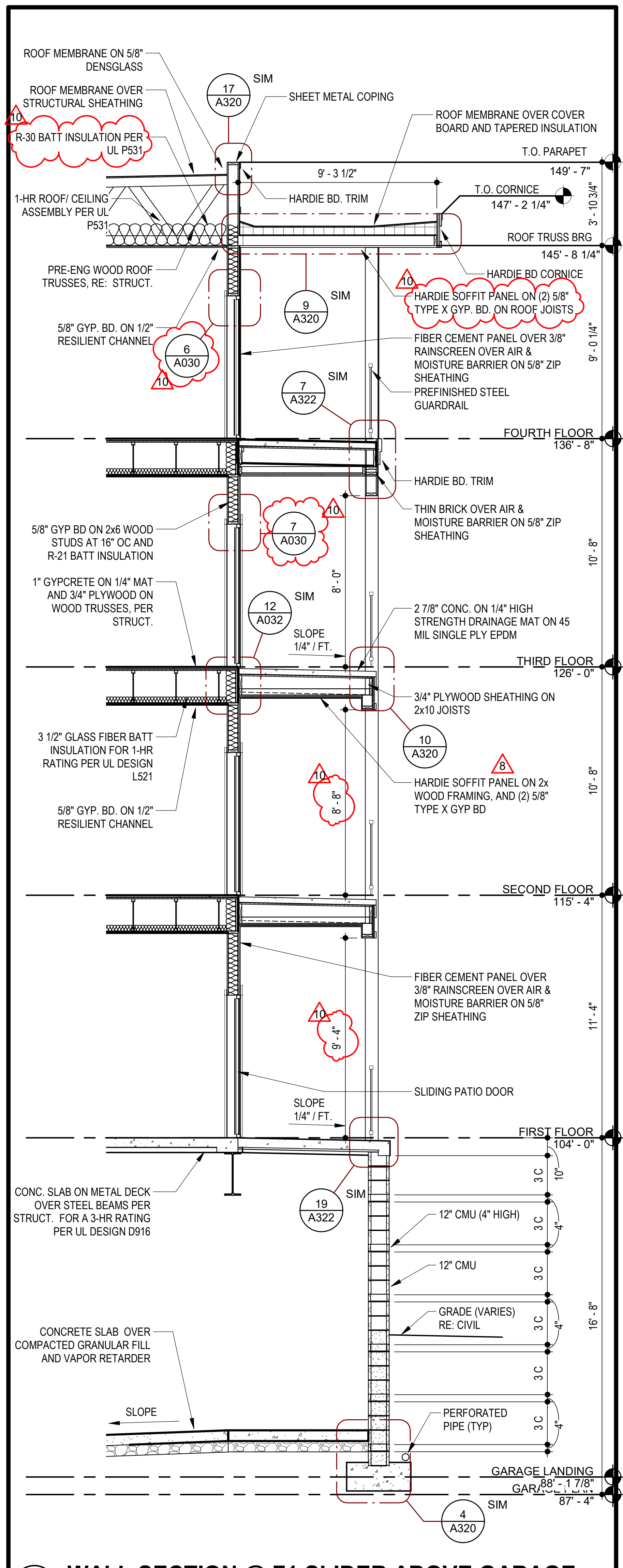
940 NW Pryor Road
Lee's Summit, Missouri 64081


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
17 A320 SIM
SHEET METAL COPING
T.O. PARAPET 149' - 7"
HARDIE BD. TRIM
ROOF TRUSS BRG 145' - 8 1/4"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
9 A322
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR 126' - 0"
10 A322 SIM
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SECOND FLOOR 115' - 4"
20 A322 SIM
FIRST FLOOR 104' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
CMU PROJECTED 1/2"
12" CMU (4" HIGH)
12" CMU
GRADE (VARIES) RE: CIVIL
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
PERFORATED PIPE (TYP)
SLOPE
T.O. SLAB 90' - 4"
GARAGE LANDING 88' - 1 7/8"
87' - 4"
4 A320 SIM
3' - 10 3/4"
9' - 0 1/4"
10' - 8"
10' - 8"
11' - 4"
16' - 8"
10
8

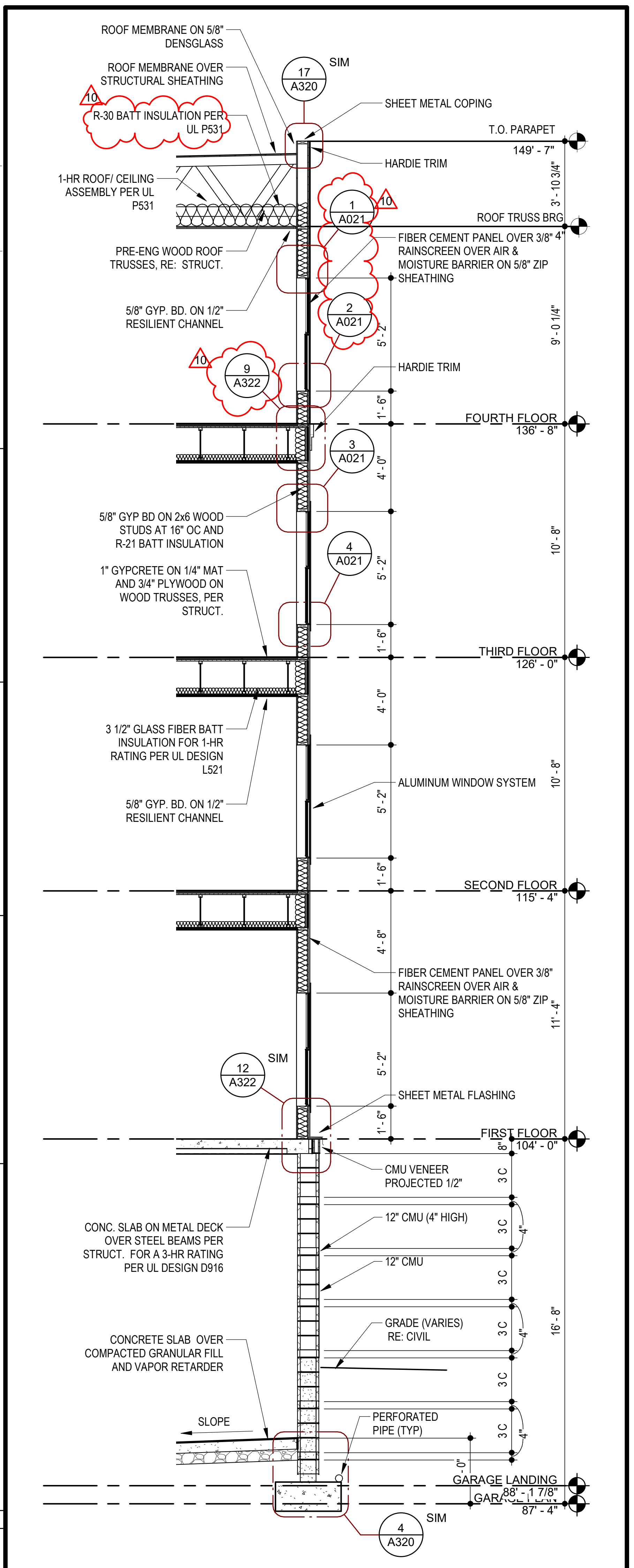
4 WALL SECTION @ FCP & FCS ABOVE GARAGE
SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
7 A320 SIM
SHEET METAL COPING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
T.O. PARAPET 149' - 7"
9' - 3 1/2"
T.O. CORNICE 147' - 2 1/4"
HARDIE BD. TRIM
ROOF TRUSS BRG 145' - 8 1/4"
9 A320 SIM
HARDIE BD CORNICE
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
2x6 WOOD STUDS AT 16" OC
16 A320 SIM
FOURTH FLOOR 136' - 8"
4 A322 SIM
HARDIE BD. TRIM
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
SLOPE 1/4" / FT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x JOISTS
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SECOND FLOOR 115' - 4"
T.O. BRICK
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
FIRST FLOOR 104' - 0"
4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
CMU PROJECTED 1/2"
12" CMU (4" HIGH)
12" CMU
GRADE (VARIES) RE: CIVIL
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
PERFORATED PIPE (TYP)
SLOPE
GARAGE LANDING 88' - 1 7/8"
87' - 4"
4 A320 SIM
10
8

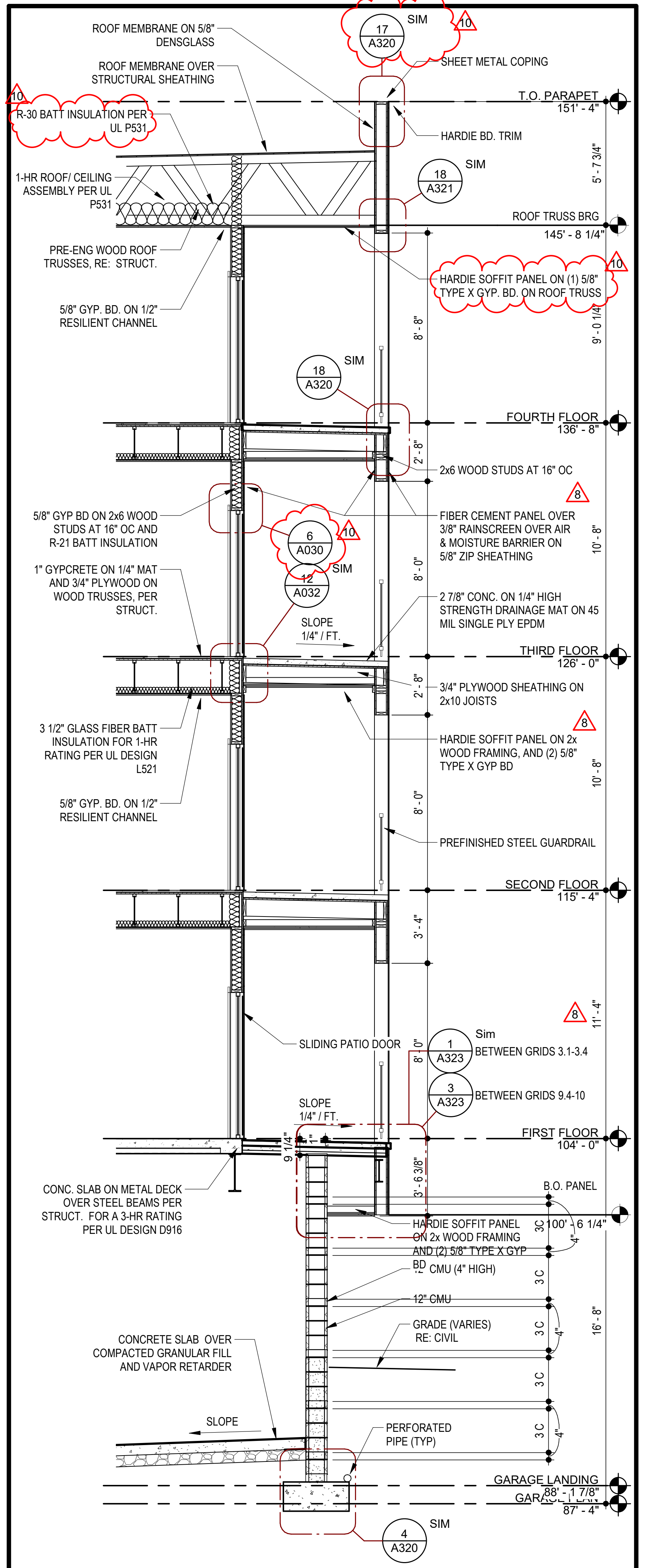
8 WALL SECTION @ F1 BALCONY ABOVE GARAGE
SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
17 A320 SIM
SHEET METAL COPING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
T.O. PARAPET 149' - 7"
9' - 3 1/2"
T.O. CORNICE 147' - 2 1/4"
HARDIE BD. TRIM
ROOF TRUSS BRG 145' - 8 1/4"
HARDIE BD CORNICE
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
9 A320 SIM
6 A030
7 A322 SIM
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
PREFINISHED STEEL GUARDRAIL
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
7 A030
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
12 A032 SIM
SLOPE 1/4" / FT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
10 A320
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SECOND FLOOR 115' - 4"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SLIDING PATIO DOOR
SLOPE 1/4" / FT.
FIRST FLOOR 104' - 0"
19 A322 SIM
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
12" CMU (4" HIGH)
12" CMU
GRADE (VARIES) RE: CIVIL
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
PERFORATED PIPE (TYP)
SLOPE
GARAGE LANDING 88' - 1 7/8"
87' - 4"
4 A320 SIM
10
8

12 WALL SECTION @ F1 SLIDER ABOVE GARAGE
SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
17 A320 SIM
SHEET METAL COPING
T.O. PARAPET 149' - 7"
HARDIE TRIM
1 A021
ROOF TRUSS BRG
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
2 A021
HARDIE TRIM
9 A322
FOURTH FLOOR 136' - 8"
3 A021
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
4 A021
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR 126' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
ALUMINUM WINDOW SYSTEM
SECOND FLOOR 115' - 4"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
12 A322 SIM
SHEET METAL FLASHING
FIRST FLOOR 104' - 0"
CMU VENEER PROJECTED 1/2"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
12" CMU (4" HIGH)
12" CMU
GRADE (VARIES) RE: CIVIL
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
PERFORATED PIPE (TYP)
SLOPE
GARAGE LANDING 88' - 1 7/8"
87' - 4"
4 A320 SIM
10

16 WALL SECTION @ WINDOWS IN FCP & FCS ABOVE GARAGE
SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
17 A320 SIM
SHEET METAL COPING
T.O. PARAPET 151' - 4"
HARDIE BD. TRIM
18 A321 SIM
ROOF TRUSS BRG 145' - 8 1/4"
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS
18 A320 SIM
FOURTH FLOOR 136' - 8"
2x6 WOOD STUDS AT 16" OC
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
6 A030
12 A032 SIM
SLOPE 1/4" / FT.
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
PREFINISHED STEEL GUARDRAIL
SECOND FLOOR 115' - 4"
1 A323 Sim BETWEEN GRIDS 3.1-3.4
3 A323 BETWEEN GRIDS 9.4-10
SLIDING PATIO DOOR
SLOPE 1/4" / FT.
FIRST FLOOR 104' - 0"
B.O. PANEL 100' - 6 1/4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING AND (2) 5/8" TYPE X GYP BD
CMU (4" HIGH)
12" CMU
GRADE (VARIES) RE: CIVIL
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
PERFORATED PIPE (TYP)
SLOPE
GARAGE LANDING 88' - 1 7/8"
87' - 4"
4 A320 SIM
10
8

20 WALL SECTION @ D1 BALCONY ABOVE GARAGE WEST ELEVATION
SCALE: 1/4" = 1'-0"

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DATE: 7.29.19

REVISIONS #

#		
	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

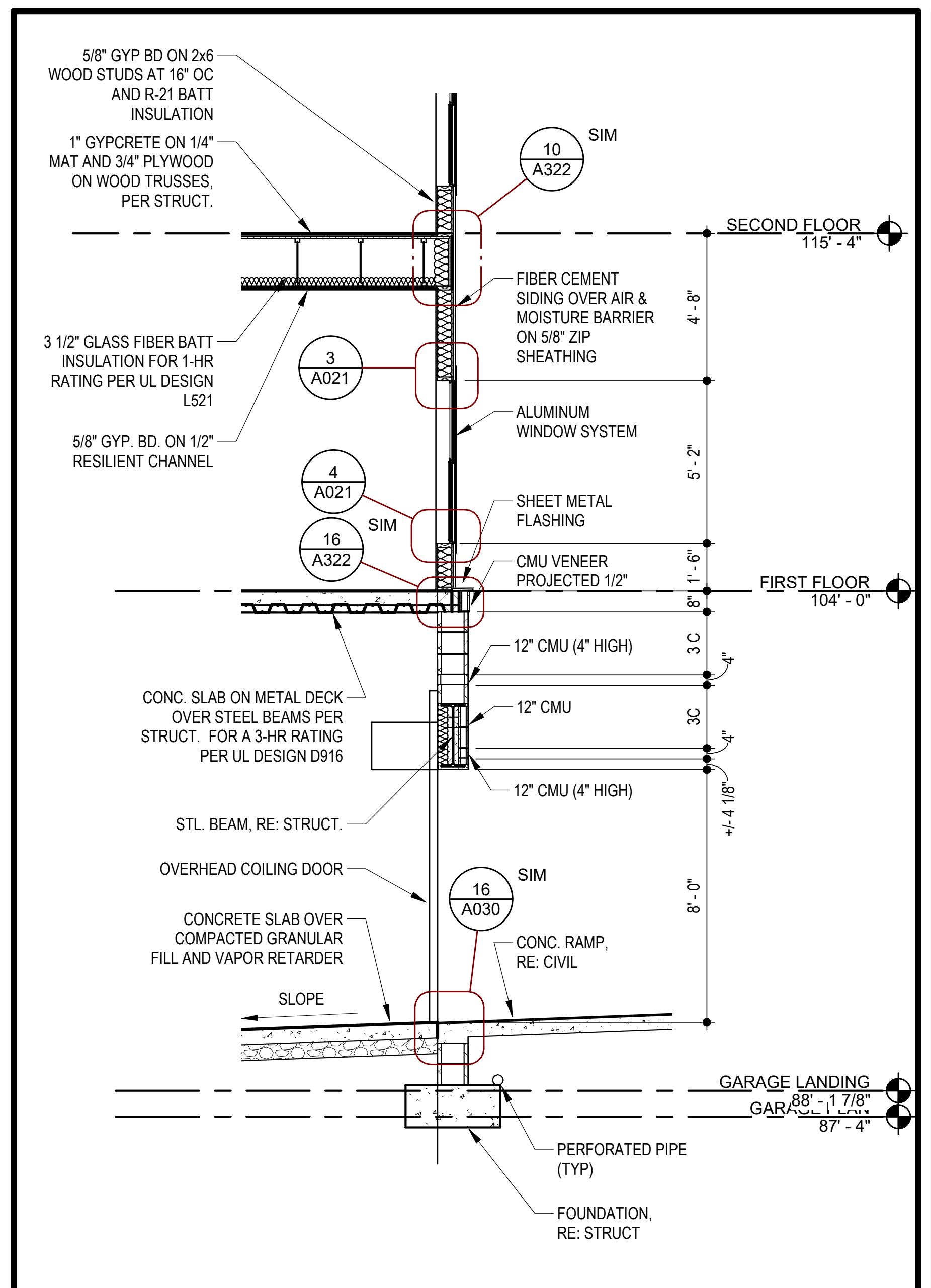
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

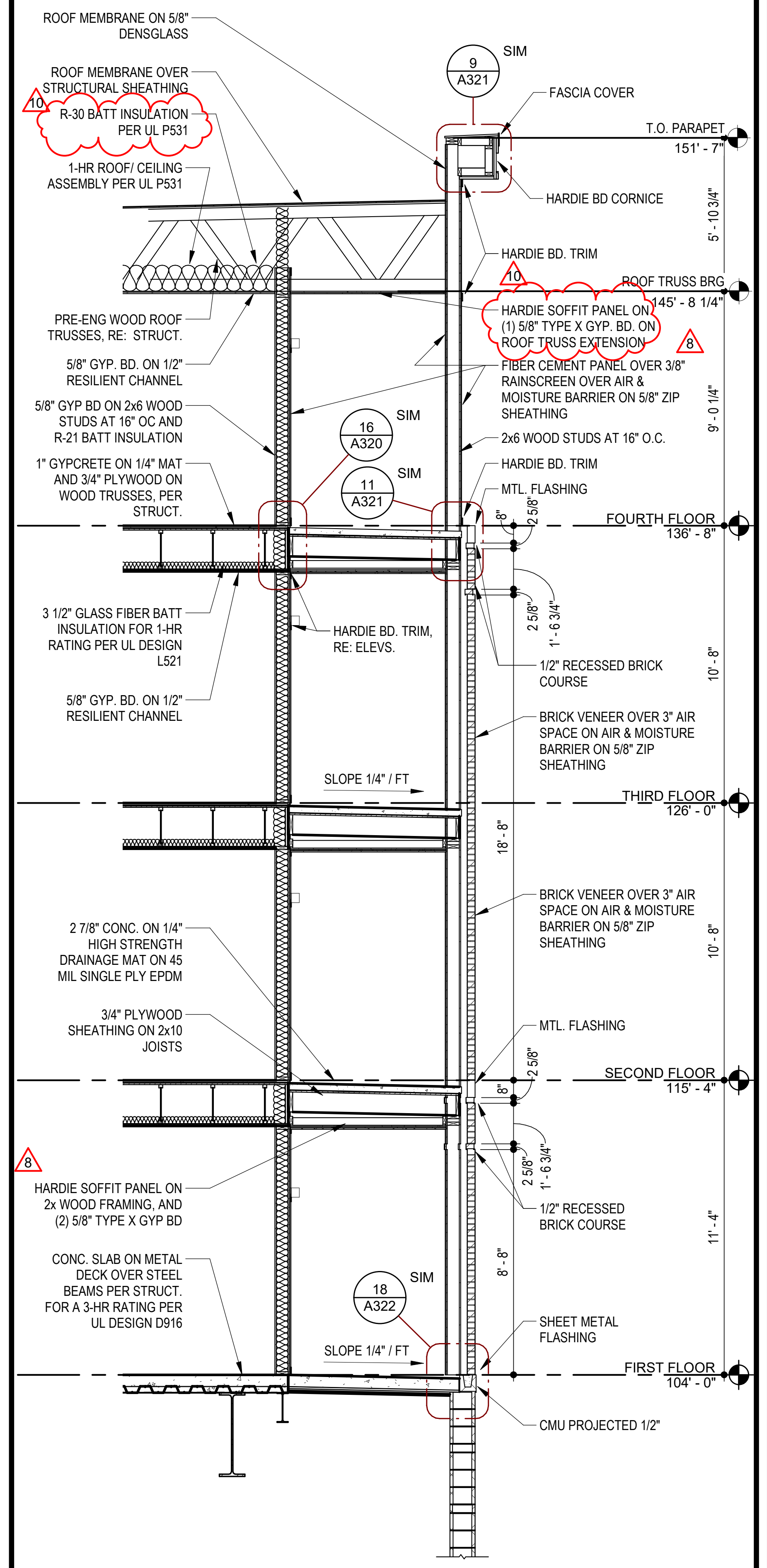
A310

WALL SECTIONS


5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
10 A322 SIM
SECOND FLOOR 115' - 4"
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
4' - 8"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
3 A021
ALUMINUM WINDOW SYSTEM
5' - 2"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
4 A021
16 A322 SIM
SHEET METAL FLASHING
CMU VENEER PROJECTED 1/2"
1' - 6"
8"
FIRST FLOOR 104' - 0"
12" CMU (4" HIGH)
3C
4"
12" CMU
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
12" CMU (4" HIGH)
+/- 4 1/8"
STL. BEAM, RE: STRUCT.
OVERHEAD COILING DOOR
16 A030 SIM
8' - 0"
CONCRETE SLAB OVER COMPACTED GRANULAR FILL AND VAPOR RETARDER
CONC. RAMP, RE: CIVIL
SLOPE
GARAGE LANDING 88' - 1 7/8"
GARAGE PLAN 87' - 4"
PERFORATED PIPE (TYP)
FOUNDATION, RE: STRUCT

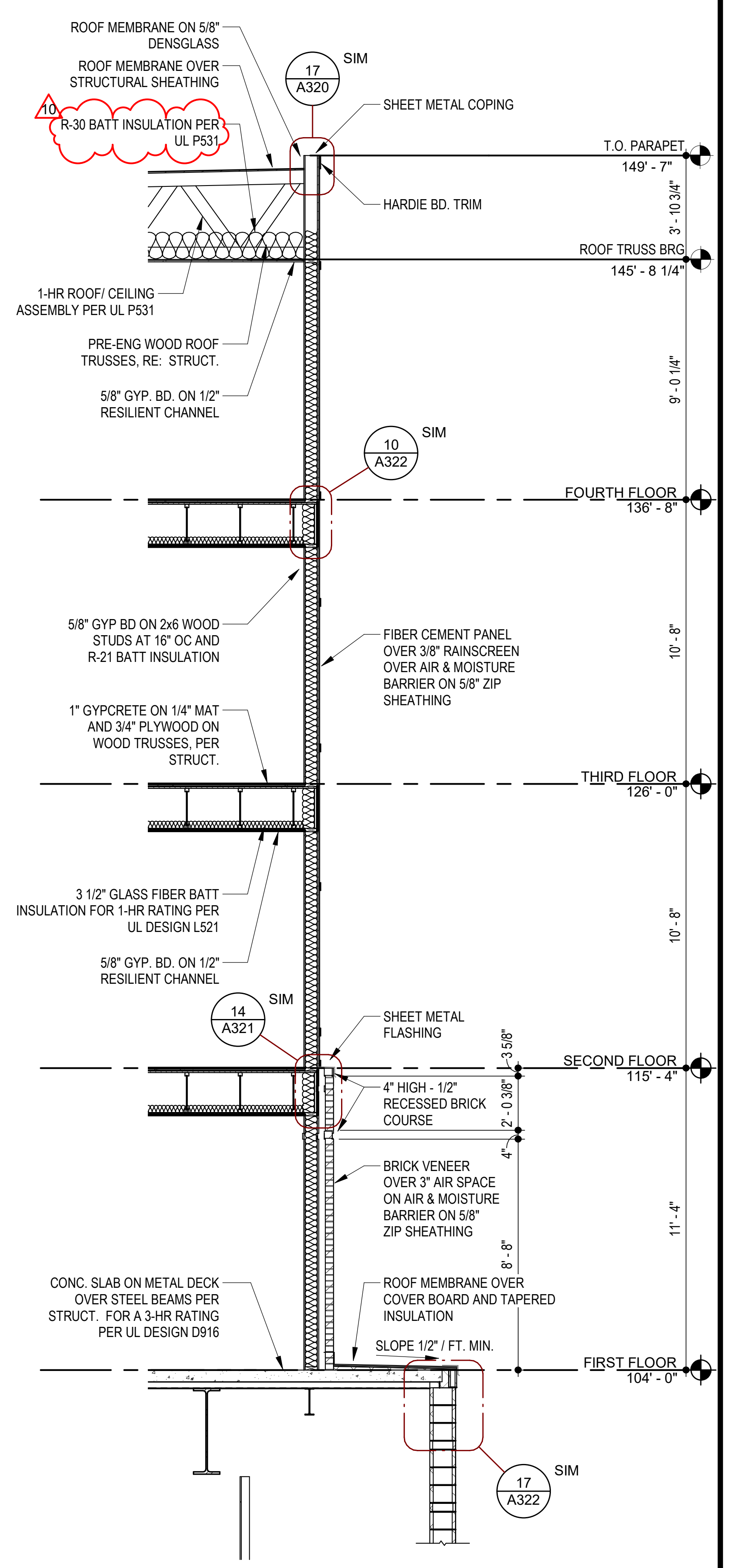
2 WALL SECTION @ WINDOWS IN FCP & FCS ABOVE GARAGE ENTRY

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
9 A321 SIM
FASCIA COVER
T.O. PARAPET 151' - 7"
HARDIE BD CORNICE
5' - 10 3/4"
HARDIE BD. TRIM
10
ROOF TRUSS BRG 145' - 8 1/4"
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
8
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
9' - 0 1/4"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
16 A320 SIM
2x6 WOOD STUDS AT 16" O.C.
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
11 A321 SIM
HARDIE BD. TRIM
MTL. FLASHING
8"
2 5/8"
FOURTH FLOOR 136' - 8"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
HARDIE BD. TRIM, RE: ELEVS.
2 5/8"
1' - 6 3/4"
1/2" RECESSED BRICK COURSE
10' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SLOPE 1/4" / FT
THIRD FLOOR 126' - 0"
18' - 8"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10' - 8"
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
MTL. FLASHING
2 5/8"
8"
SECOND FLOOR 115' - 4"
8
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
2 5/8"
1' - 6 3/4"
1/2" RECESSED BRICK COURSE
11' - 4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
8' - 8"
18 A322 SIM
SHEET METAL FLASHING
SLOPE 1/4" / FT
FIRST FLOOR 104' - 0"
CMU PROJECTED 1/2"

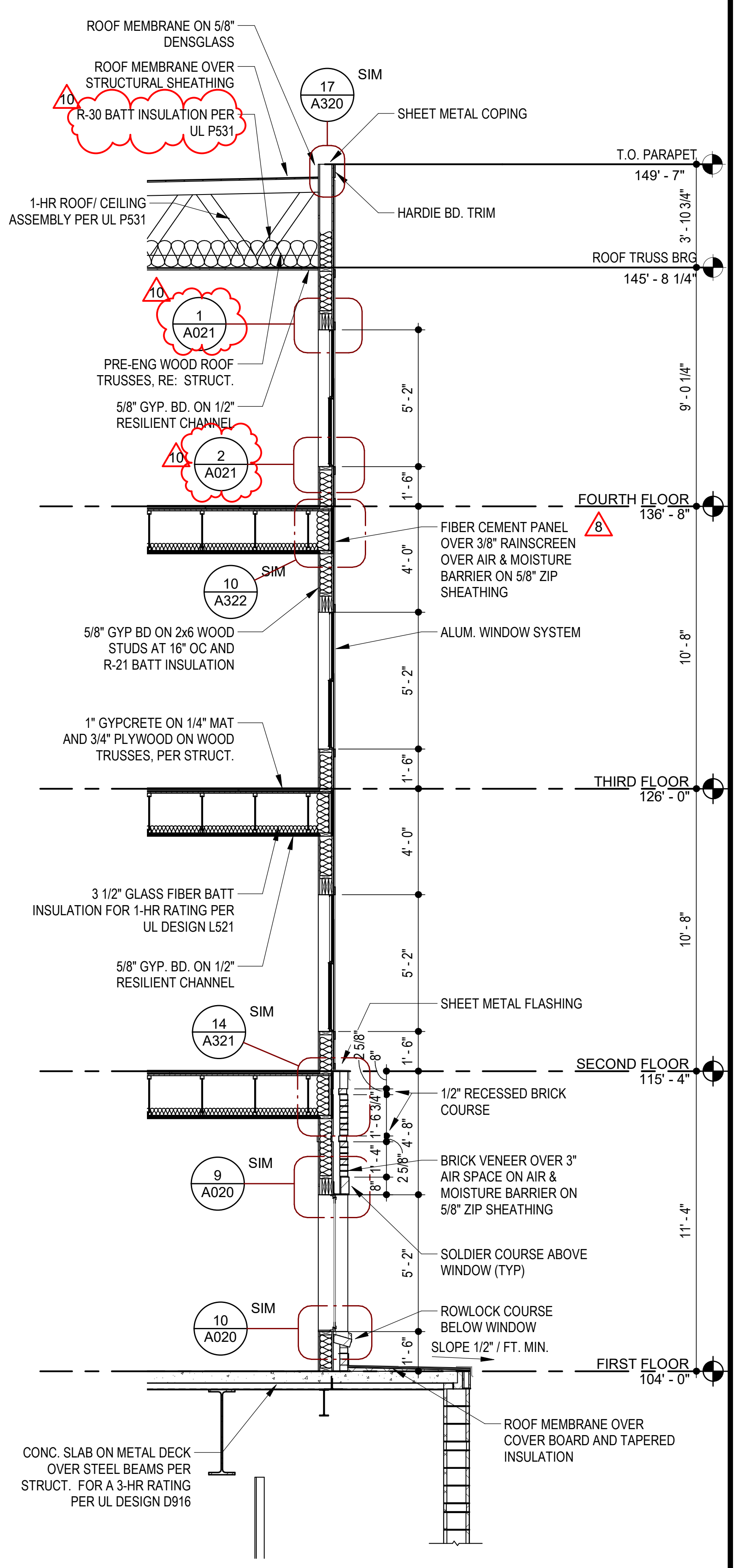
4 WALL SECTION @ WEST B1 BALCONY

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
17 A320 SIM
SHEET METAL COPING
T.O. PARAPET 149' - 7"
HARDIE BD. TRIM
3' - 10 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
9' - 0 1/4"
10 A322 SIM
FOURTH FLOOR 136' - 8"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR 126' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
10' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
14 A321 SIM
SHEET METAL FLASHING
3 5/8"
SECOND FLOOR 115' - 4"
4" HIGH - 1/2" RECESSED BRICK COURSE
2' - 0 3/8"
4"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
11' - 4"
8' - 8"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
SLOPE 1/2" / FT. MIN.
FIRST FLOOR 104' - 0"
17 A322 SIM

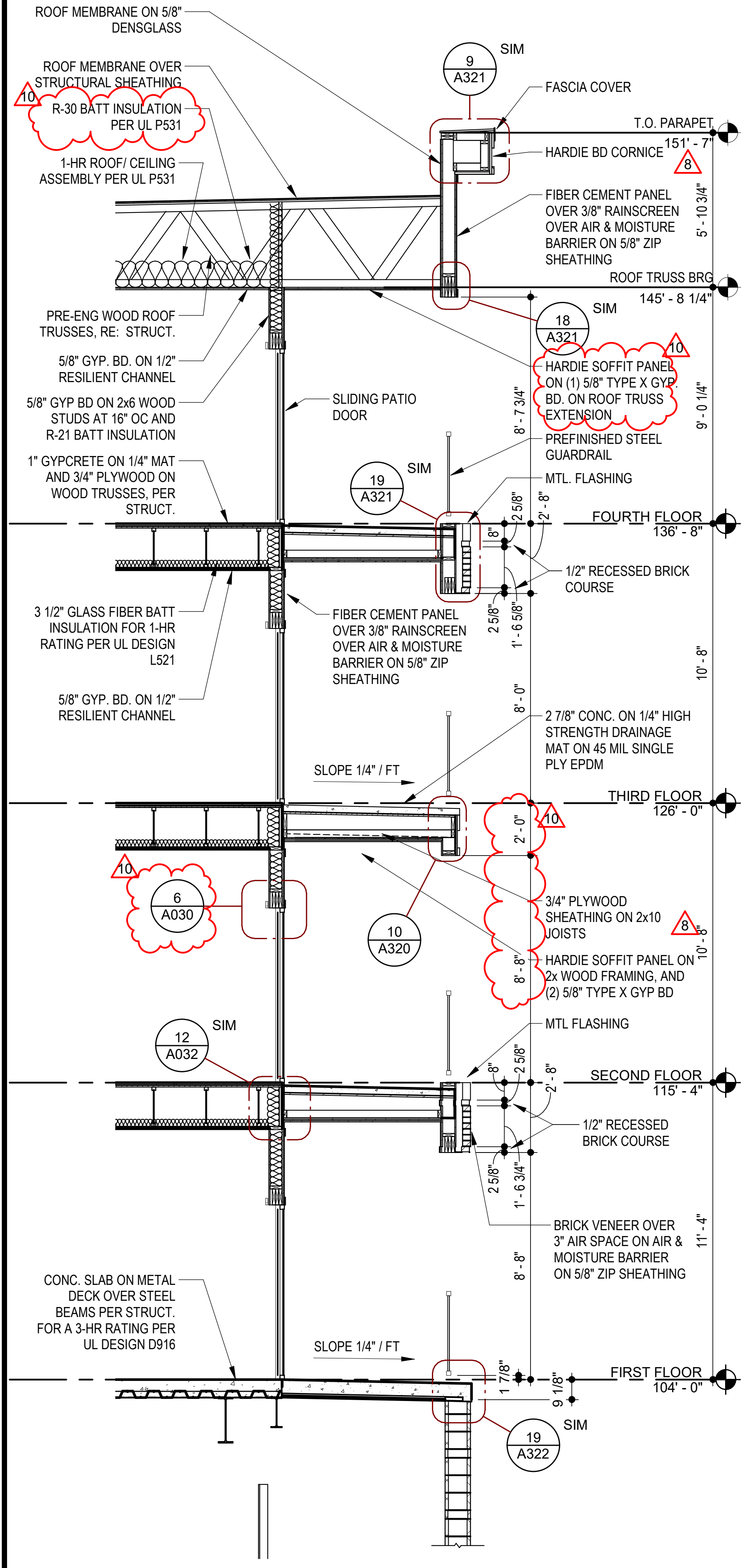
8 WALL SECTION @ FCP & BRICK ABOVE GARAGE

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
17 A320 SIM
SHEET METAL COPING
T.O. PARAPET 149' - 7"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
HARDIE BD. TRIM
3' - 10 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
10
1 A021
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5' - 2"
9' - 0 1/4"
10
2 A021
1' - 6"
FOURTH FLOOR 136' - 8"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
8
10 A322 SIM
4' - 0"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
ALUM. WINDOW SYSTEM
10' - 8"
5' - 2"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
1' - 6"
THIRD FLOOR 126' - 0"
4' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
10' - 8"
5' - 2"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
14 A321 SIM
SHEET METAL FLASHING
2 5/8"
8"
1' - 6"
SECOND FLOOR 115' - 4"
1/2" RECESSED BRICK COURSE
1' - 6 3/4"
4' - 8"
9 A020 SIM
1' - 4"
2 5/8"
8"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
11' - 4"
SOLDIER COURSE ABOVE WINDOW (TYP)
5' - 2"
10 A020 SIM
ROWLOCK COURSE BELOW WINDOW
SLOPE 1/2" / FT. MIN.
1' - 6"
FIRST FLOOR 104' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION

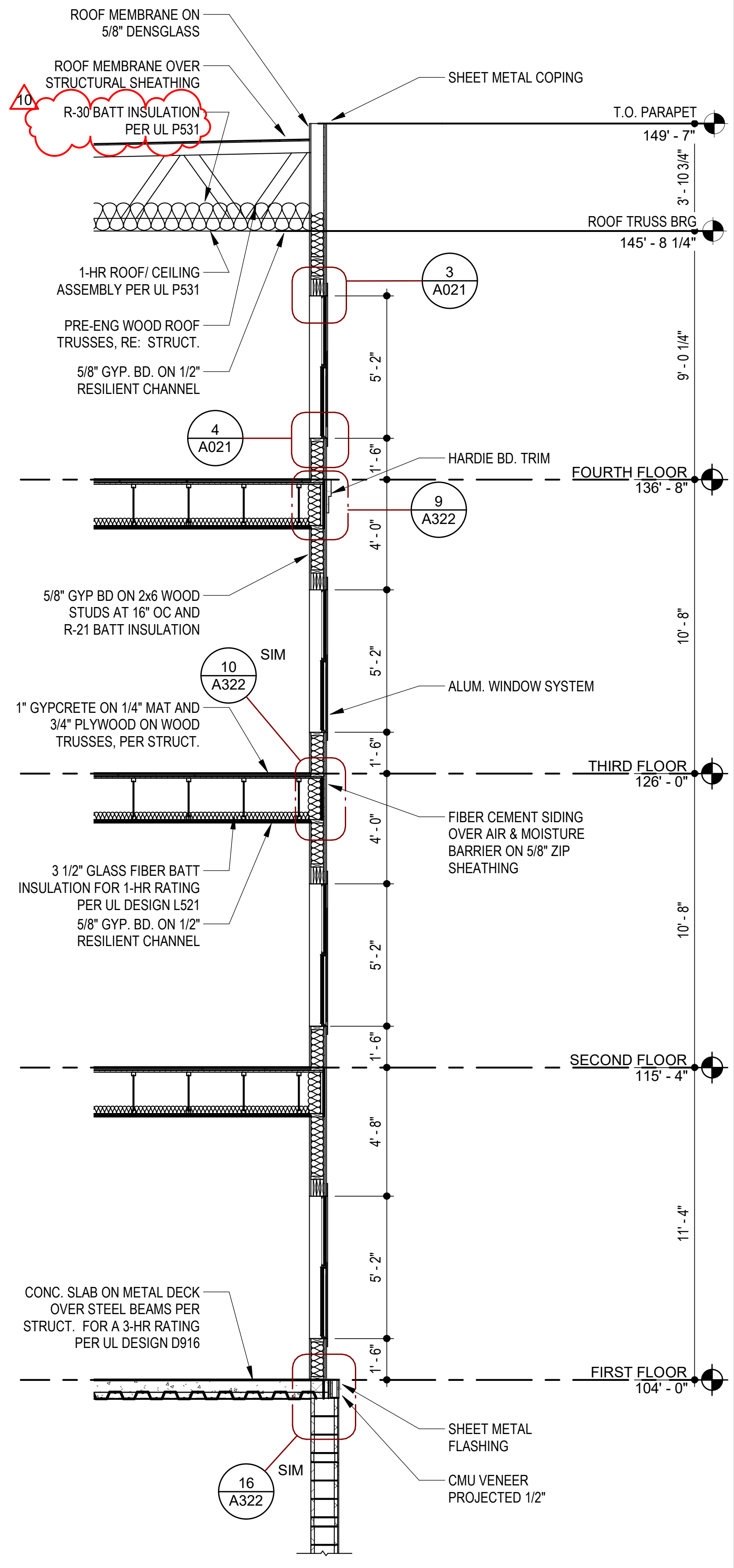
12 WALL SECTION @ WINDOWS IN FCP & BRICK ABOVE GARAGE

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
9 A321 SIM
FASCIA COVER
T.O. PARAPET 151' - 7"
HARDIE BD CORNICE
8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5' - 10 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
18 A321 SIM
10
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
SLIDING PATIO DOOR
8' - 7 3/4"
9' - 0 1/4"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
PREFINISHED STEEL GUARDRAIL
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
19 A321 SIM
MTL. FLASHING
2 5/8"
2' - 8"
FOURTH FLOOR 136' - 8"
8"
1/2" RECESSED BRICK COURSE
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
2 5/8"
1' - 6 5/8"
10' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
8' - 0"
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT
THIRD FLOOR 126' - 0"
10
2' - 0"
10
6 A030
10 A320
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
8
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
8' - 8"
10' - 8"
MTL FLASHING
12 A032 SIM
2 5/8"
8"
2' - 8"
SECOND FLOOR 115' - 4"
1/2" RECESSED BRICK COURSE
2 5/8"
1' - 6 3/4"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
8' - 8"
11' - 4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
SLOPE 1/4" / FT
1 7/8"
9 1/8"
FIRST FLOOR 104' - 0"
19 A322 SIM

16 WALL SECTION @ B1 BALCONY SLIDER

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
SHEET METAL COPING
T.O. PARAPET 149' - 7"
3' - 10 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
3 A021
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5' - 2"
9' - 0 1/4"
4 A021
1' - 6"
HARDIE BD. TRIM
FOURTH FLOOR 136' - 8"
9 A322
4' - 0"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10' - 8"
10 A322 SIM
5' - 2"
ALUM. WINDOW SYSTEM
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
1' - 6"
THIRD FLOOR 126' - 0"
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
4' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
10' - 8"
5' - 2"
1' - 6"
SECOND FLOOR 115' - 4"
4' - 8"
11' - 4"
5' - 2"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
1' - 6"
FIRST FLOOR 104' - 0"
SHEET METAL FLASHING
16 A322 SIM
CMU VENEER PROJECTED 1/2"

20 WALL SECTION @ WINDOWS IN FCS ABOVE GARAGE

SCALE: 1/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl
COMPANIES

Summit at West Pryor

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www.triarchitects.com

DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

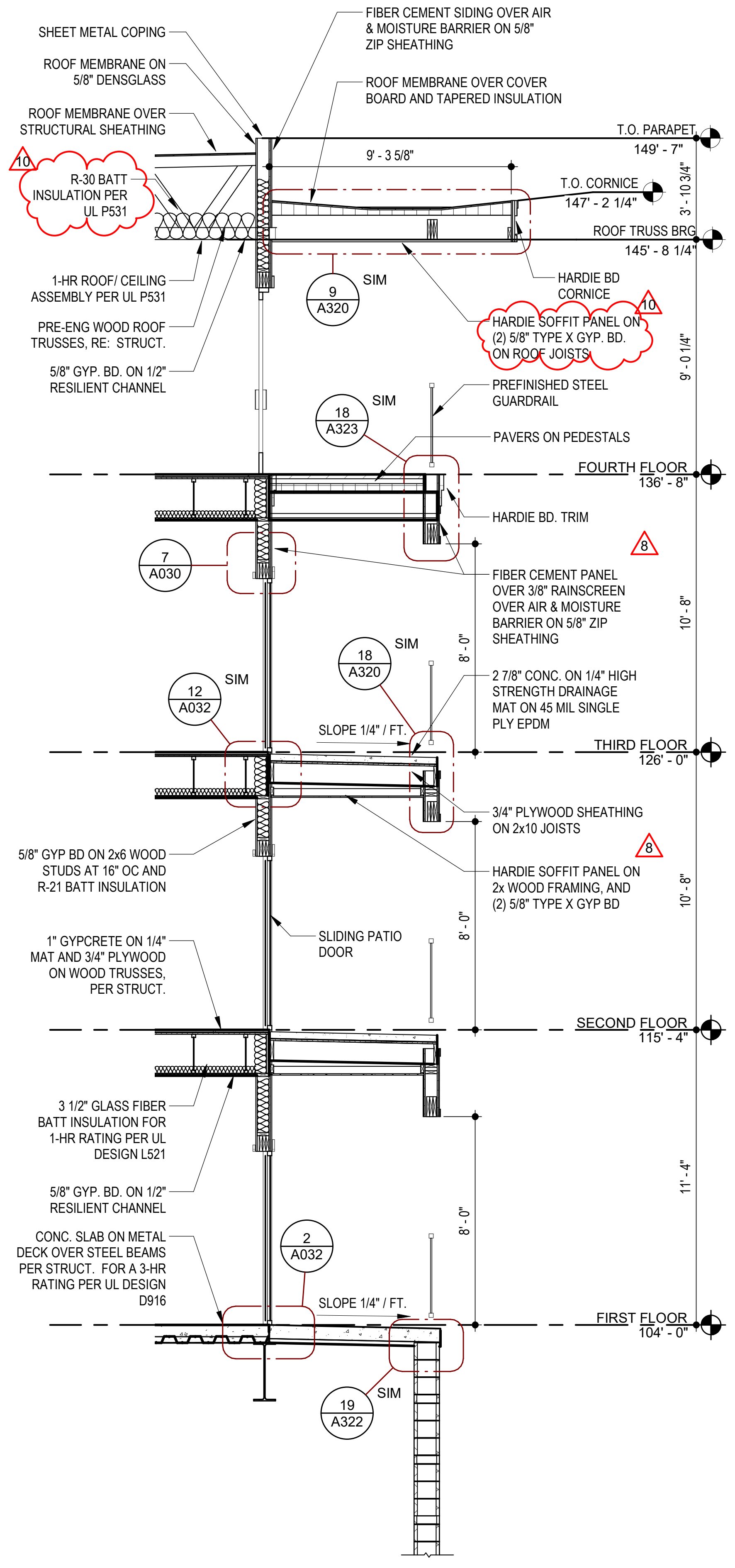
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

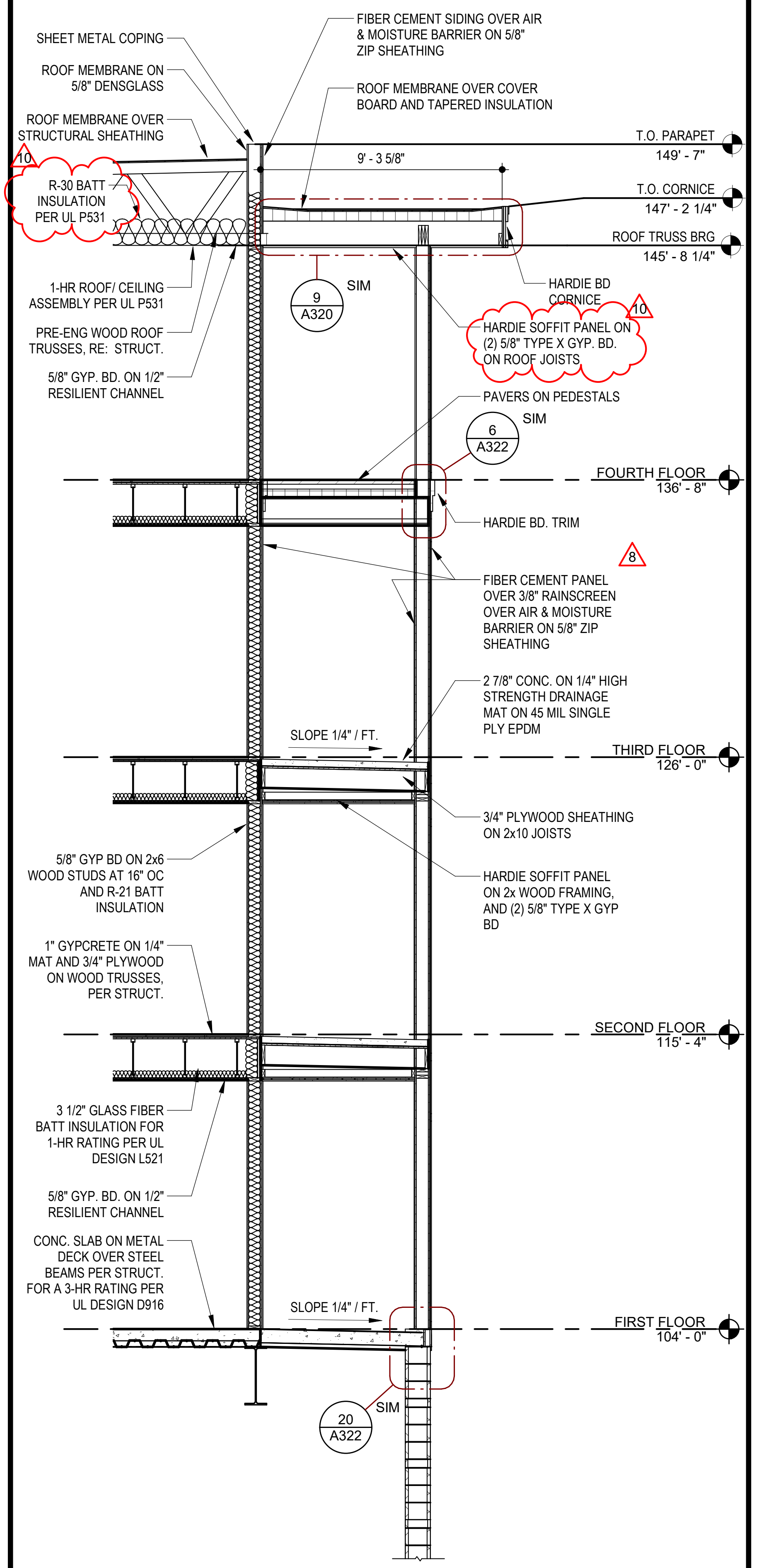
A311

WALL SECTIONS


SHEET METAL COPING
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
T.O. PARAPET 149' - 7"
9' - 3 5/8"
T.O. CORNICE 147' - 2 1/4"
ROOF TRUSS BRG 145' - 8 1/4"
3' - 10 3/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
9 A320 SIM
HARDIE BD CORNICE
10
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
9' - 0 1/4"
PREFINISHED STEEL GUARDRAIL
18 A323 SIM
PAVERS ON PEDESTALS
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
7 A030
8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10' - 8"
8' - 0"
18 A320 SIM
12 A032 SIM
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
8
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
SLIDING PATIO DOOR
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
SECOND FLOOR 115' - 4"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
11' - 4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
2 A032
SLOPE 1/4" / FT.
FIRST FLOOR 104' - 0"
19 A322 SIM

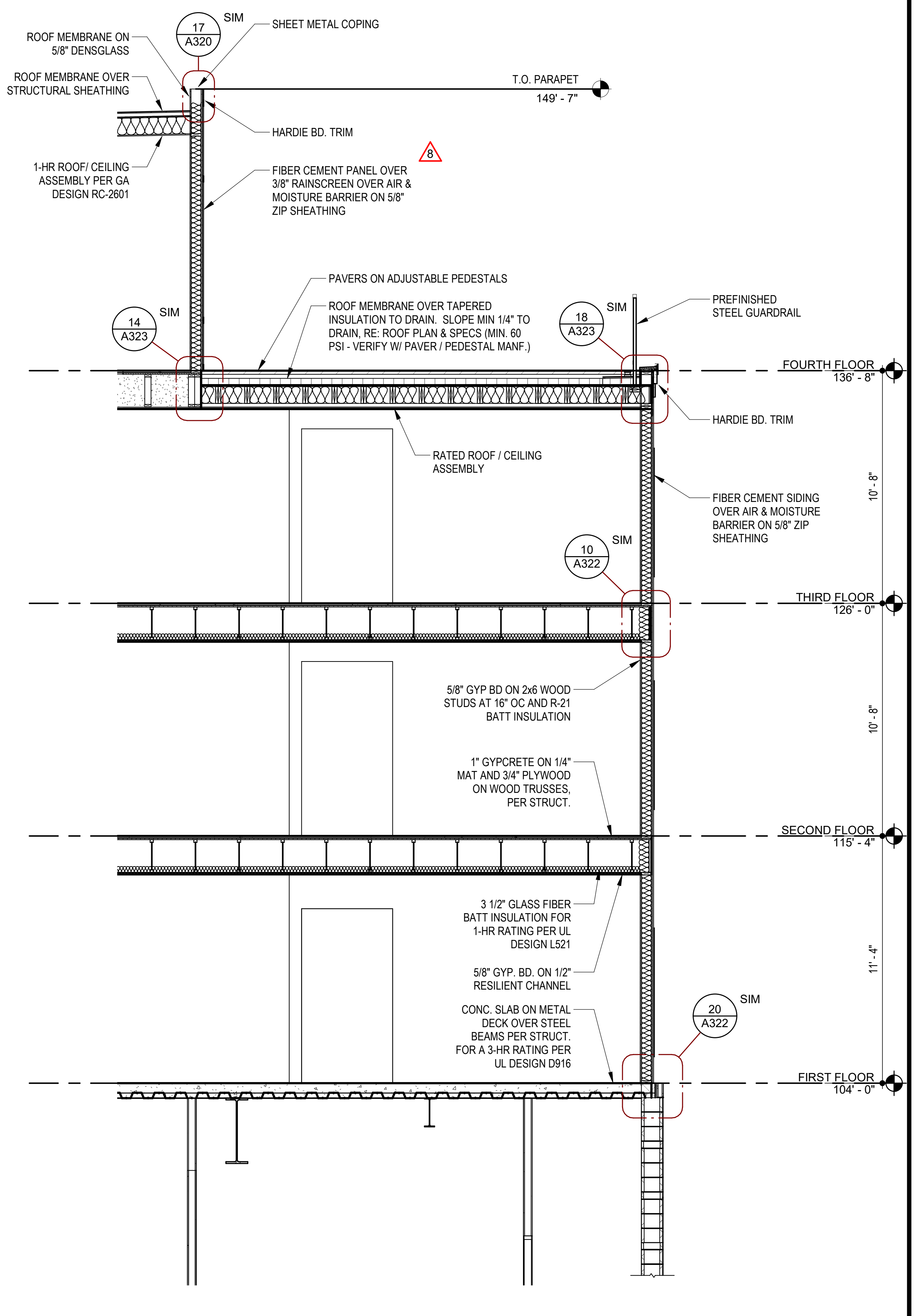
4 WALL SECTION @ AMENITY BALCONY ABOVE SLIDER

SCALE: 1/4" = 1'-0"


SHEET METAL COPING
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
T.O. PARAPET 149' - 7"
9' - 3 5/8"
T.O. CORNICE 147' - 2 1/4"
ROOF TRUSS BRG 145' - 8 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
9 A320 SIM
HARDIE BD CORNICE
10
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
PAVERS ON PEDESTALS
6 A322 SIM
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
SECOND FLOOR 115' - 4"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
SLOPE 1/4" / FT.
FIRST FLOOR 104' - 0"
20 A322 SIM

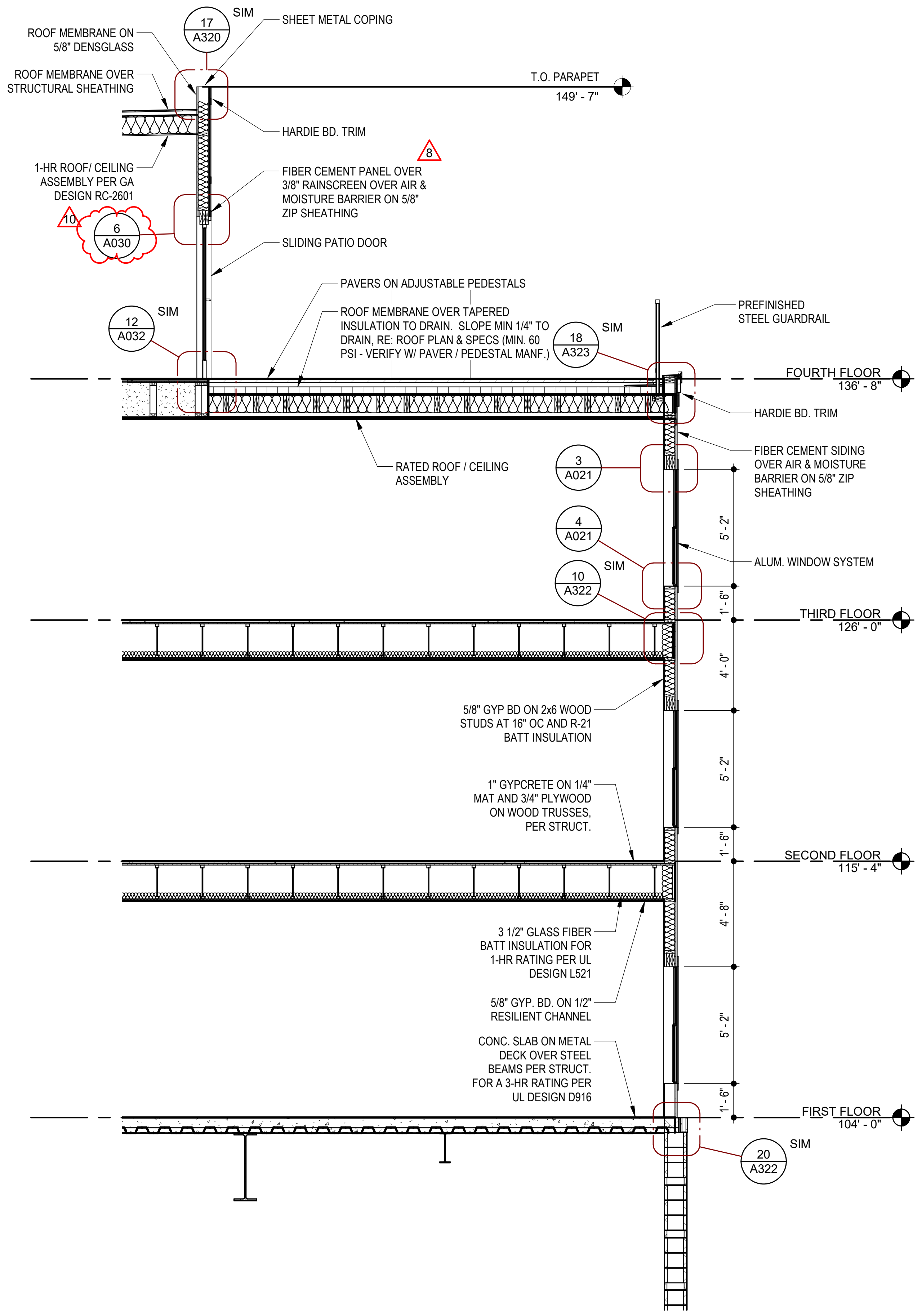
8 WALL SECTION @ AMENITY BALCONY

SCALE: 1/4" = 1'-0"


17 A320 SIM
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
SHEET METAL COPING
T.O. PARAPET 149' - 7"
HARDIE BD. TRIM
1-HR ROOF/ CEILING ASSEMBLY PER GA DESIGN RC-2601
8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
PAVERS ON ADJUSTABLE PEDESTALS
ROOF MEMBRANE OVER TAPERED INSULATION TO DRAIN. SLOPE MIN 1/4" TO DRAIN, RE: ROOF PLAN & SPECS (MIN. 60 PSI - VERIFY W/ PAVER / PEDESTAL MANF.)
14 A323 SIM
18 A323 SIM
PREFINISHED STEEL GUARDRAIL
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
RATED ROOF / CEILING ASSEMBLY
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10 A322 SIM
10' - 8"
THIRD FLOOR 126' - 0"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
SECOND FLOOR 115' - 4"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
11' - 4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
20 A322 SIM
FIRST FLOOR 104' - 0"

12 WALL SECTION @ AMENITY DECK

SCALE: 1/4" = 1'-0"


17 A320 SIM
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
SHEET METAL COPING
T.O. PARAPET 149' - 7"
HARDIE BD. TRIM
1-HR ROOF/ CEILING ASSEMBLY PER GA DESIGN RC-2601
10
6 A030
8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SLIDING PATIO DOOR
PAVERS ON ADJUSTABLE PEDESTALS
ROOF MEMBRANE OVER TAPERED INSULATION TO DRAIN. SLOPE MIN 1/4" TO DRAIN, RE: ROOF PLAN & SPECS (MIN. 60 PSI - VERIFY W/ PAVER / PEDESTAL MANF.)
12 A032 SIM
18 A323 SIM
PREFINISHED STEEL GUARDRAIL
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
RATED ROOF / CEILING ASSEMBLY
3 A021
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
4 A021
10 A322 SIM
ALUM. WINDOW SYSTEM
5' - 2"
1' - 6"
THIRD FLOOR 126' - 0"
4' - 0"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
SECOND FLOOR 115' - 4"
4' - 8"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
FIRST FLOOR 104' - 0"
20 A322 SIM

16 WALL SECTION @ AMENITY DECK & WINDOWS

SCALE: 1/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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St. Louis, Missouri 63119
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DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

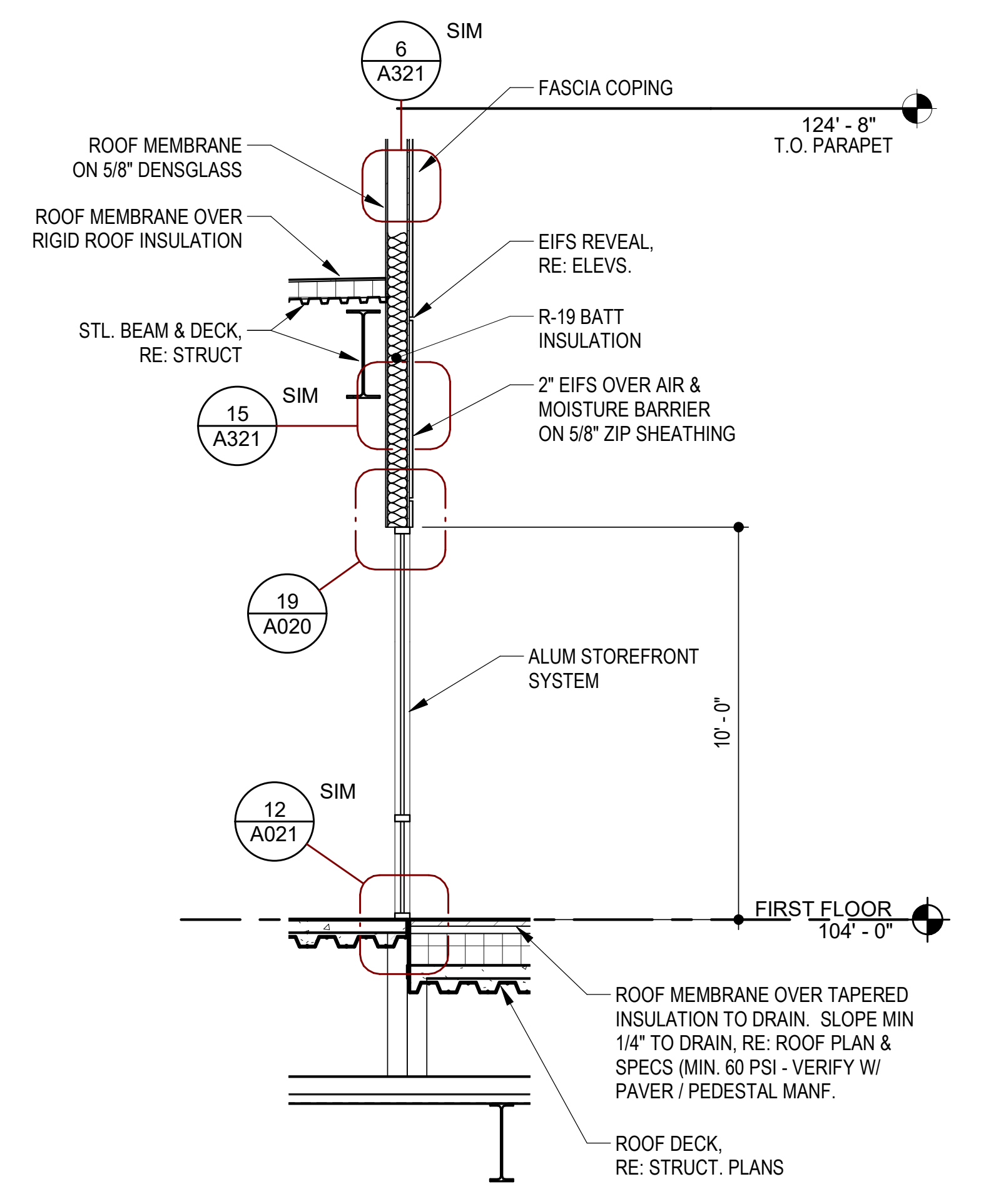
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

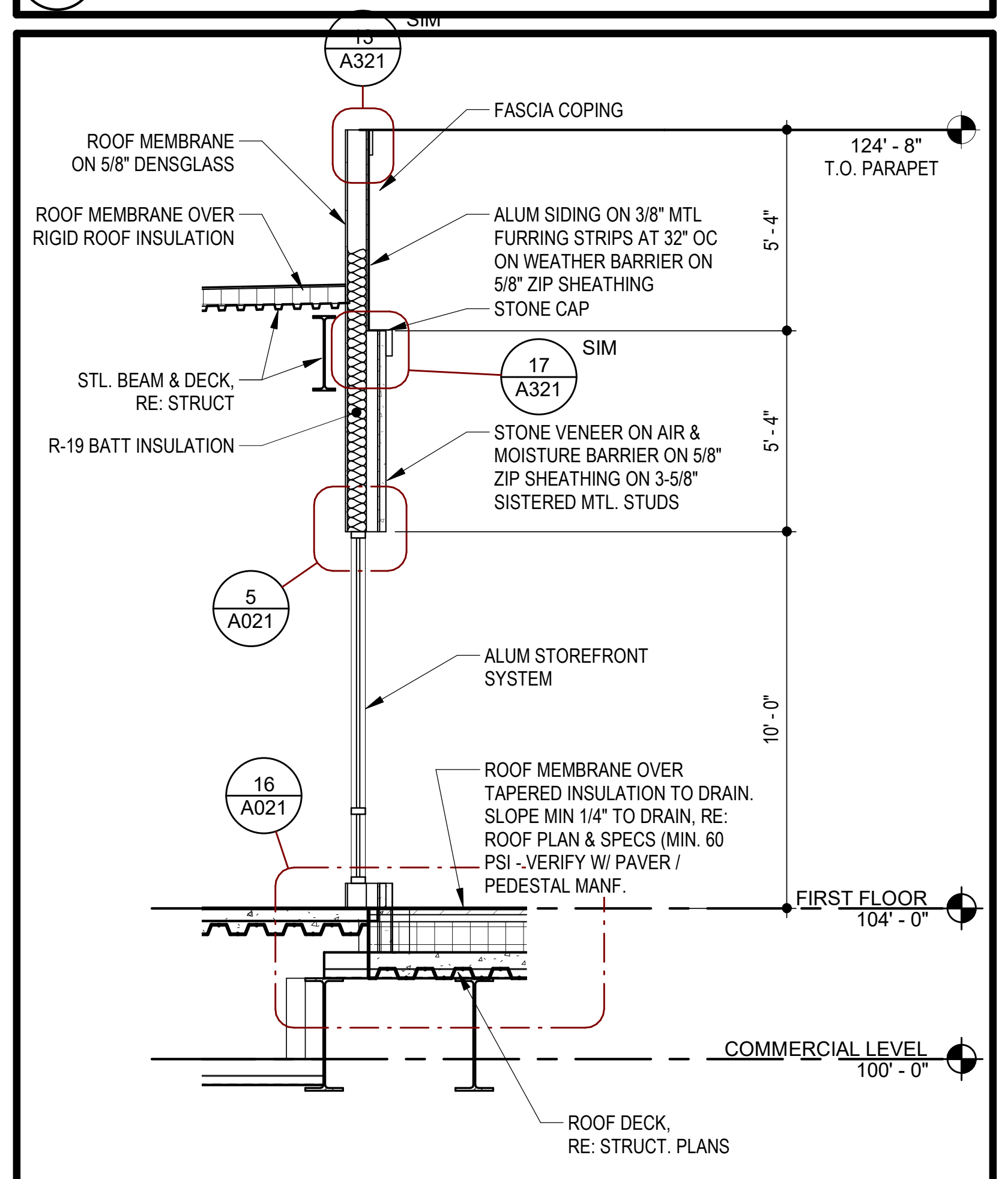
A312

WALL SECTIONS


6
A321
SIM
FASCIA COPING
124' - 8"
T.O. PARAPET
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER RIGID ROOF INSULATION
EIFS REVEAL, RE: ELEVS.
R-19 BATT INSULATION
STL. BEAM & DECK, RE: STRUCT
15
A321
SIM
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
19
A020
ALUM STOREFRONT SYSTEM
10' - 0"
12
A021
SIM
FIRST FLOOR
104' - 0"
ROOF MEMBRANE OVER TAPERED INSULATION TO DRAIN. SLOPE MIN 1/4" TO DRAIN, RE: ROOF PLAN & SPECS (MIN. 60 PSI - VERIFY W/ PAVER / PEDESTAL MANF.
ROOF DECK, RE: STRUCT. PLANS

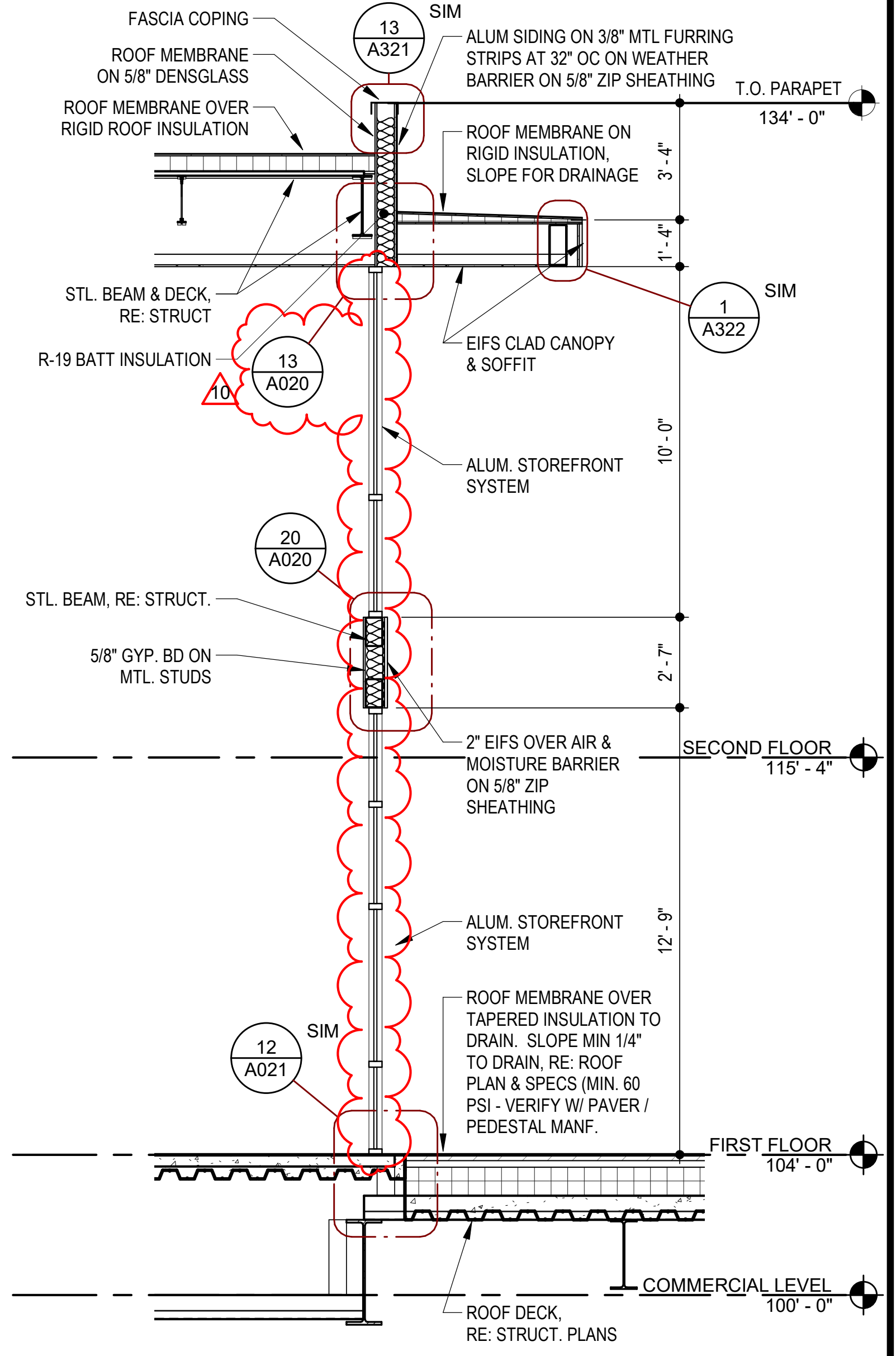
1 WALL SECTION @ COURTYARD CLUBHOUSE EIFS & STONE

SCALE: 1/4" = 1'-0"


13
A321
SIM
FASCIA COPING
124' - 8"
T.O. PARAPET
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER RIGID ROOF INSULATION
ALUM SIDING ON 3/8" MTL FURRING STRIPS AT 32" OC ON WEATHER BARRIER ON 5/8" ZIP SHEATHING
STONE CAP
5' - 4"
STL. BEAM & DECK, RE: STRUCT
17
A321
SIM
R-19 BATT INSULATION
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING ON 3-5/8" SISTERED MTL. STUDS
5' - 4"
5
A021
ALUM STOREFRONT SYSTEM
10' - 0"
16
A021
ROOF MEMBRANE OVER TAPERED INSULATION TO DRAIN. SLOPE MIN 1/4" TO DRAIN, RE: ROOF PLAN & SPECS (MIN. 60 PSI -.VERIFY W/ PAVER / PEDESTAL MANF.
FIRST FLOOR
104' - 0"
COMMERCIAL LEVEL
100' - 0"
ROOF DECK, RE: STRUCT. PLANS

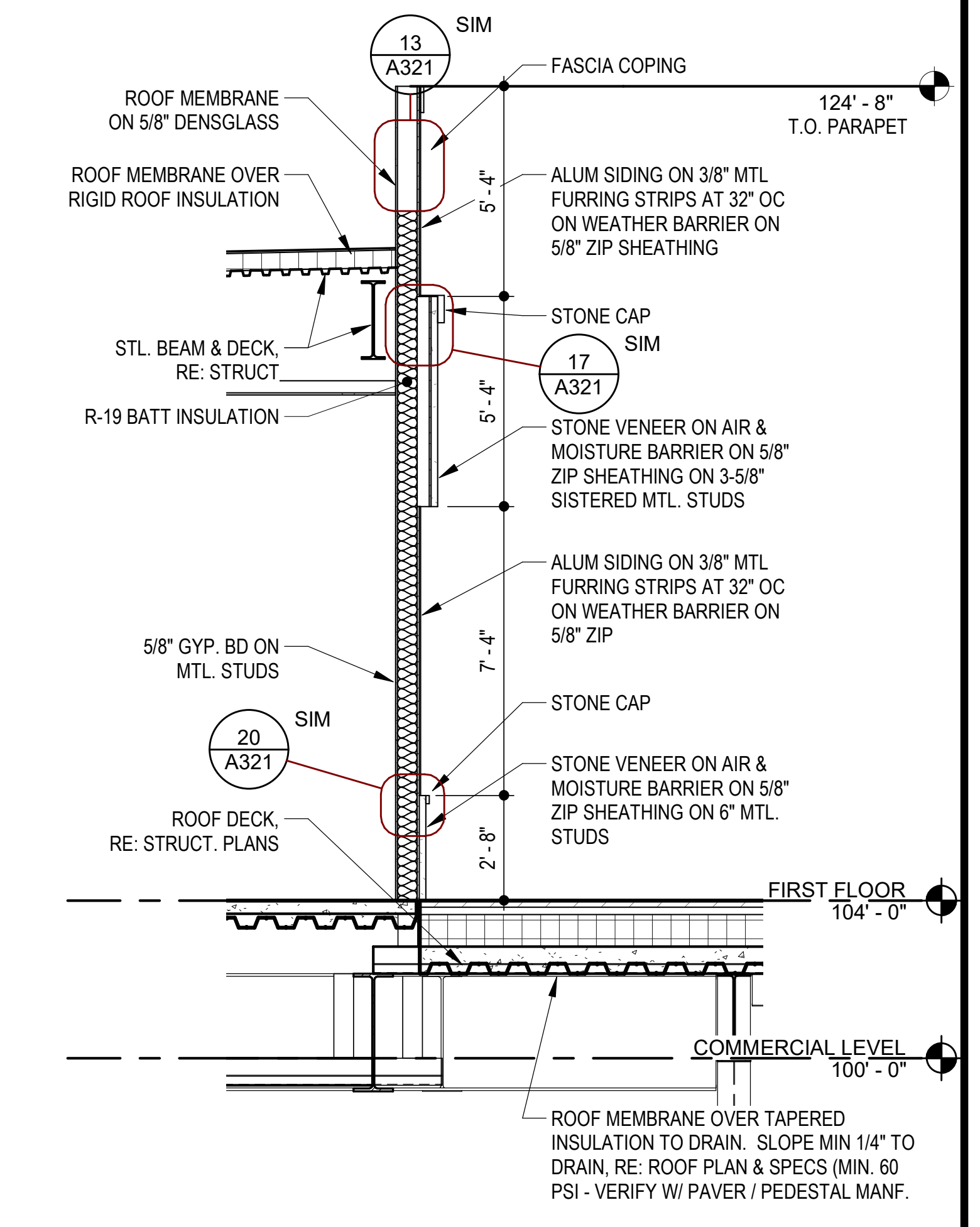
3 WALL SECTION @ COURTYARD CLUBHOUSE STONE

SCALE: 1/4" = 1'-0"


FASCIA COPING
13
A321
SIM
ROOF MEMBRANE ON 5/8" DENSGLASS
ALUM SIDING ON 3/8" MTL FURRING STRIPS AT 32" OC ON WEATHER BARRIER ON 5/8" ZIP SHEATHING
T.O. PARAPET
134' - 0"
ROOF MEMBRANE OVER RIGID ROOF INSULATION
ROOF MEMBRANE ON RIGID INSULATION, SLOPE FOR DRAINAGE
3' - 4"
1' - 4"
STL. BEAM & DECK, RE: STRUCT
1
A322
SIM
EIFS CLAD CANOPY & SOFFIT
R-19 BATT INSULATION
13
A020
10
ALUM. STOREFRONT SYSTEM
10' - 0"
20
A020
STL. BEAM, RE: STRUCT.
5/8" GYP. BD ON MTL. STUDS
2' - 7"
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SECOND FLOOR
115' - 4"
ALUM. STOREFRONT SYSTEM
12' - 9"
12
A021
SIM
ROOF MEMBRANE OVER TAPERED INSULATION TO DRAIN. SLOPE MIN 1/4" TO DRAIN, RE: ROOF PLAN & SPECS (MIN. 60 PSI - VERIFY W/ PAVER / PEDESTAL MANF.
FIRST FLOOR
104' - 0"
COMMERCIAL LEVEL
100' - 0"
ROOF DECK, RE: STRUCT. PLANS

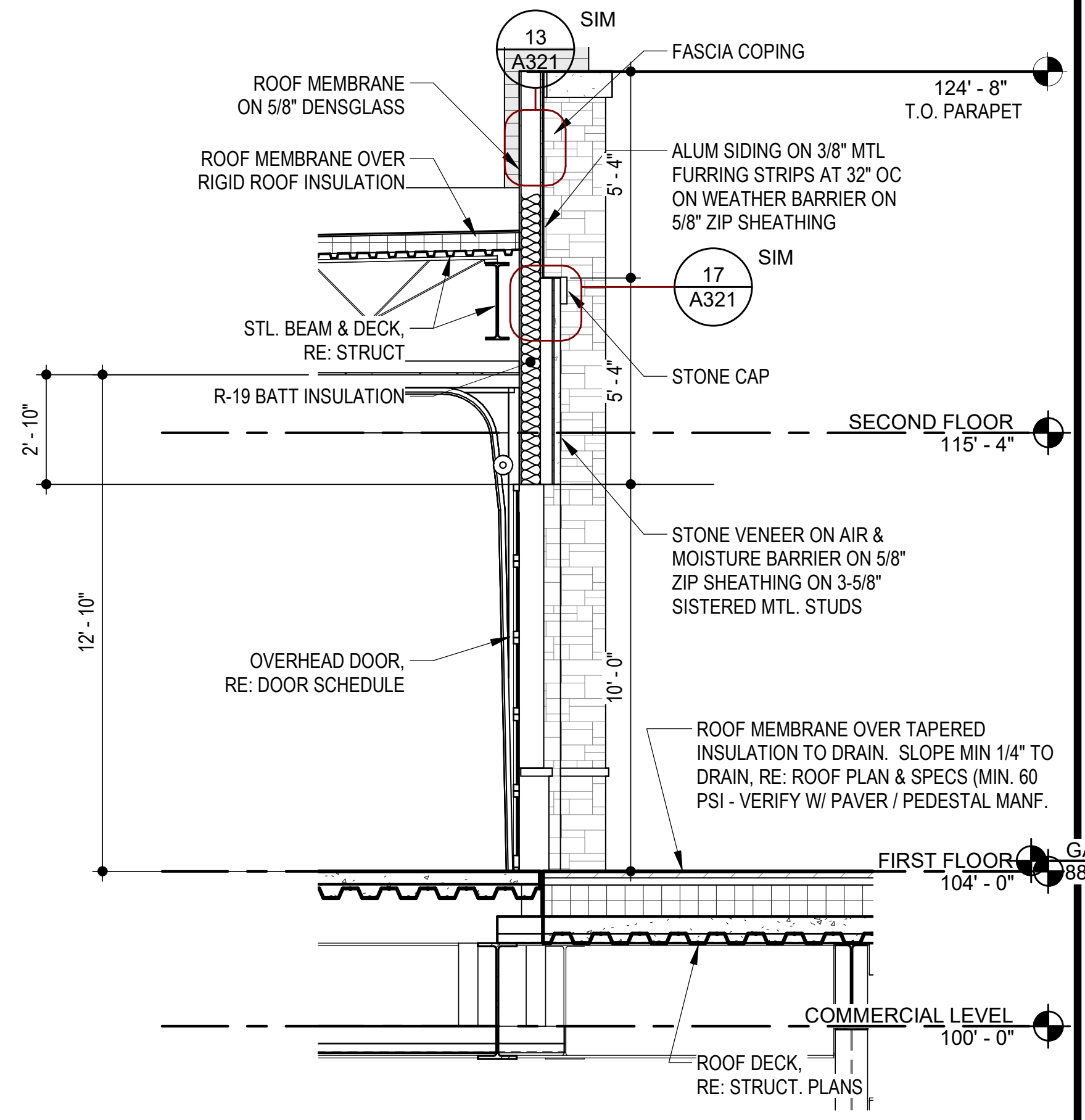
4 WALL SECTION @ COURTYARD CLUBHOUSE CLERESTORY

SCALE: 1/4" = 1'-0"


13
A321
SIM
FASCIA COPING
124' - 8"
T.O. PARAPET
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER RIGID ROOF INSULATION
5' - 4"
ALUM SIDING ON 3/8" MTL FURRING STRIPS AT 32" OC ON WEATHER BARRIER ON 5/8" ZIP SHEATHING
STONE CAP
STL. BEAM & DECK, RE: STRUCT
17
A321
SIM
R-19 BATT INSULATION
5' - 4"
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING ON 3-5/8" SISTERED MTL. STUDS
ALUM SIDING ON 3/8" MTL FURRING STRIPS AT 32" OC ON WEATHER BARRIER ON 5/8" ZIP
5/8" GYP. BD ON MTL. STUDS
7' - 4"
STONE CAP
20
A321
SIM
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING ON 6" MTL. STUDS
ROOF DECK, RE: STRUCT. PLANS
2' - 8"
FIRST FLOOR
104' - 0"
COMMERCIAL LEVEL
100' - 0"
ROOF MEMBRANE OVER TAPERED INSULATION TO DRAIN. SLOPE MIN 1/4" TO DRAIN, RE: ROOF PLAN & SPECS (MIN. 60 PSI - VERIFY W/ PAVER / PEDESTAL MANF.

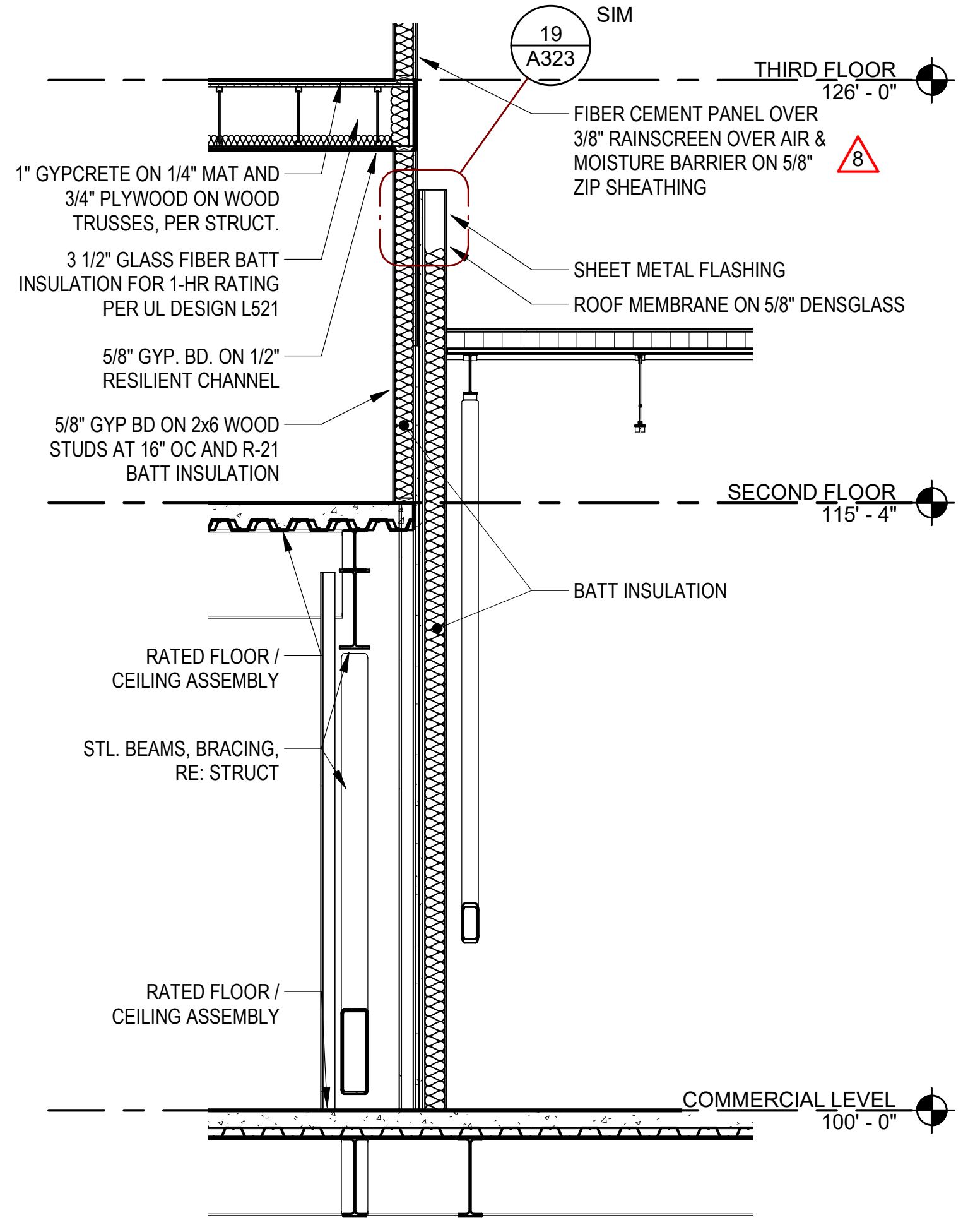
7 WALL SECTION @ COURTYARD CLUBHOUSE SIDING & STONE

SCALE: 1/4" = 1'-0"


13
A321
SIM
FASCIA COPING
124' - 8"
T.O. PARAPET
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER RIGID ROOF INSULATION
ALUM SIDING ON 3/8" MTL FURRING STRIPS AT 32" OC ON WEATHER BARRIER ON 5/8" ZIP SHEATHING
5' - 4"
17
A321
SIM
STL. BEAM & DECK, RE: STRUCT
STONE CAP
5' - 4"
R-19 BATT INSULATION
2' - 10"
SECOND FLOOR
115' - 4"
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING ON 3-5/8" SISTERED MTL. STUDS
12' - 10"
OVERHEAD DOOR, RE: DOOR SCHEDULE
10' - 0"
ROOF MEMBRANE OVER TAPERED INSULATION TO DRAIN. SLOPE MIN 1/4" TO DRAIN, RE: ROOF PLAN & SPECS (MIN. 60 PSI - VERIFY W/ PAVER / PEDESTAL MANF.
FIRST FLOOR
104' - 0"
COMMERCIAL LEVEL
100' - 0"
ROOF DECK, RE: STRUCT. PLANS

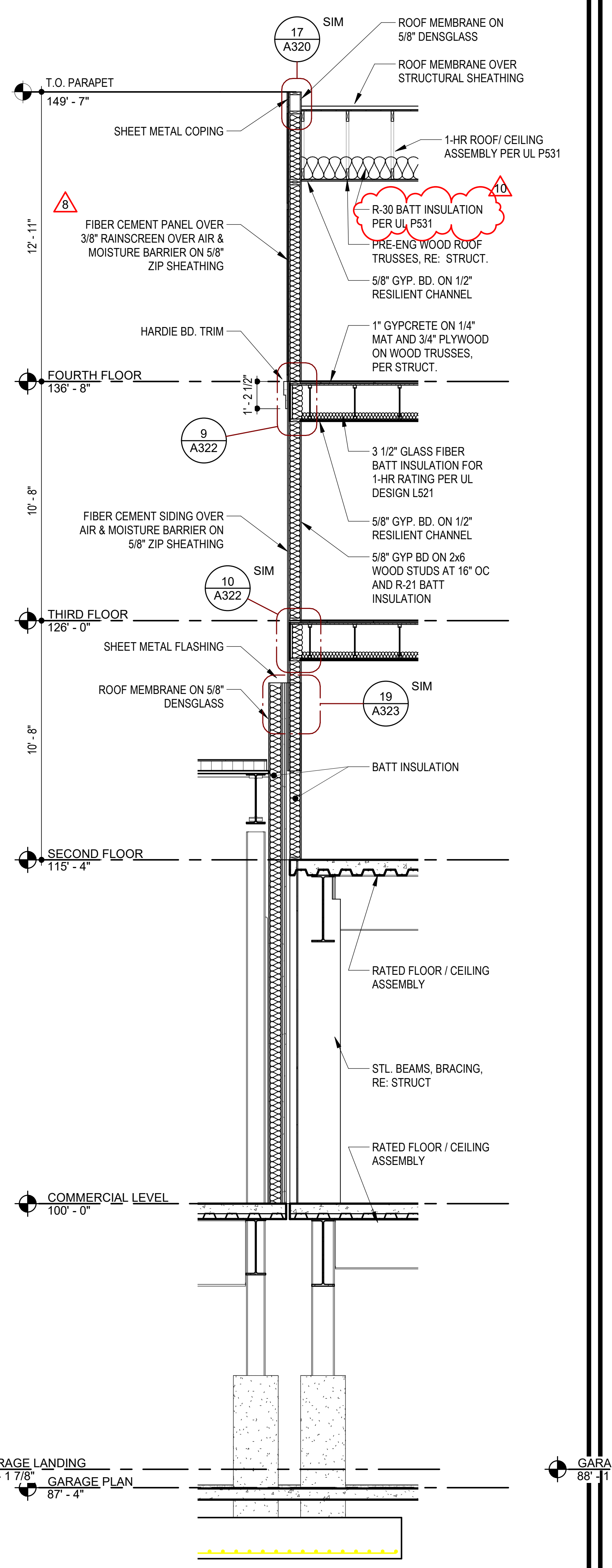
8 WALL SECTION @ COURTYARD CLUBHOUSE OVERHEAD DOOR

SCALE: 1/4" = 1'-0"


19
A323
SIM
THIRD FLOOR
126' - 0"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
8
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
SHEET METAL FLASHING
ROOF MEMBRANE ON 5/8" DENSGLASS
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
SECOND FLOOR
115' - 4"
BATT INSULATION
RATED FLOOR / CEILING ASSEMBLY
STL. BEAMS, BRACING, RE: STRUCT
RATED FLOOR / CEILING ASSEMBLY
COMMERCIAL LEVEL
100' - 0"

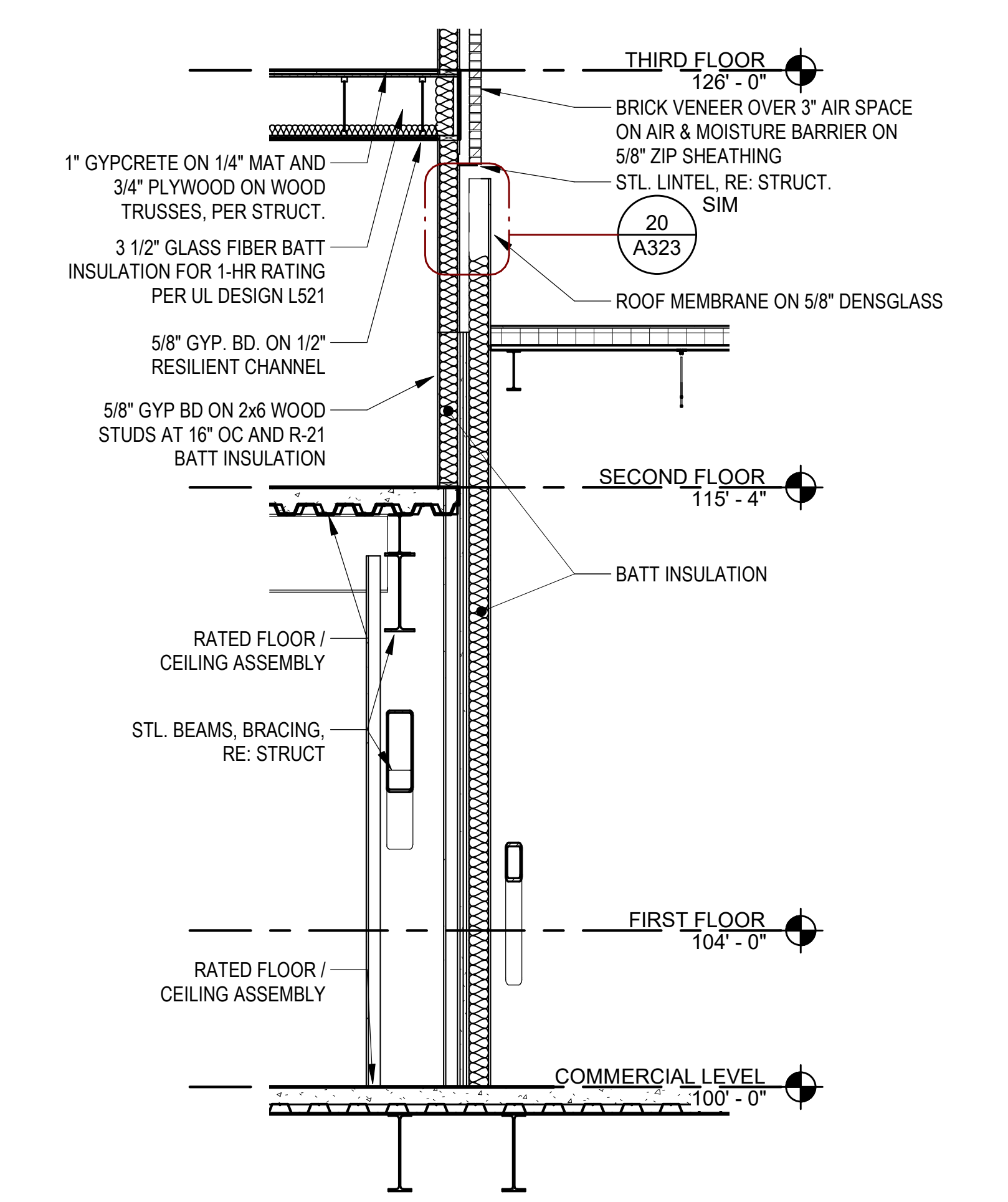
9 WALL SECTION @ CLUBHOUSE FIREWALL

SCALE: 1/4" = 1'-0"


17
A320
SIM
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
T.O. PARAPET
149' - 7"
SHEET METAL COPING
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
10
R-30 BATT INSULATION PER UL P531
8
12' - 11"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
HARDIE BD. TRIM
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
FOURTH FLOOR
136' - 8"
1' - 2 1/2"
9
A322
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
10' - 8"
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10
A322
SIM
THIRD FLOOR
126' - 0"
SHEET METAL FLASHING
ROOF MEMBRANE ON 5/8" DENSGLASS
19
A323
SIM
10' - 8"
BATT INSULATION
SECOND FLOOR
115' - 4"
RATED FLOOR / CEILING ASSEMBLY
STL. BEAMS, BRACING, RE: STRUCT
RATED FLOOR / CEILING ASSEMBLY
COMMERCIAL LEVEL
100' - 0"
GARAGE LANDING
88' - 1 7/8"
GARAGE PLAN
87' - 4"

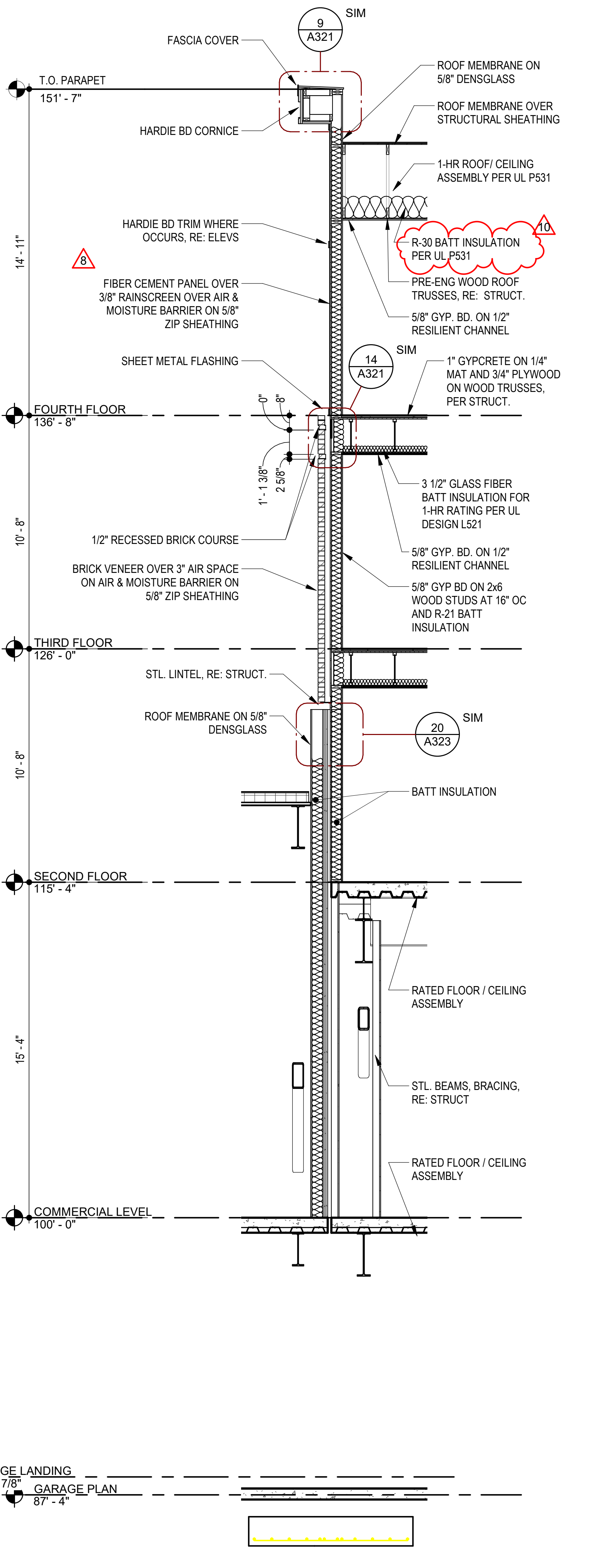
12 WALL SECTION @ CLUBHOUSE FIREWALL WITH EXPANSION JOINT

SCALE: 1/4" = 1'-0"


THIRD FLOOR
126' - 0"
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
STL. LINTEL, RE: STRUCT.
20
A323
SIM
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
ROOF MEMBRANE ON 5/8" DENSGLASS
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
SECOND FLOOR
115' - 4"
BATT INSULATION
RATED FLOOR / CEILING ASSEMBLY
STL. BEAMS, BRACING, RE: STRUCT
FIRST FLOOR
104' - 0"
RATED FLOOR / CEILING ASSEMBLY
COMMERCIAL LEVEL
100' - 0"

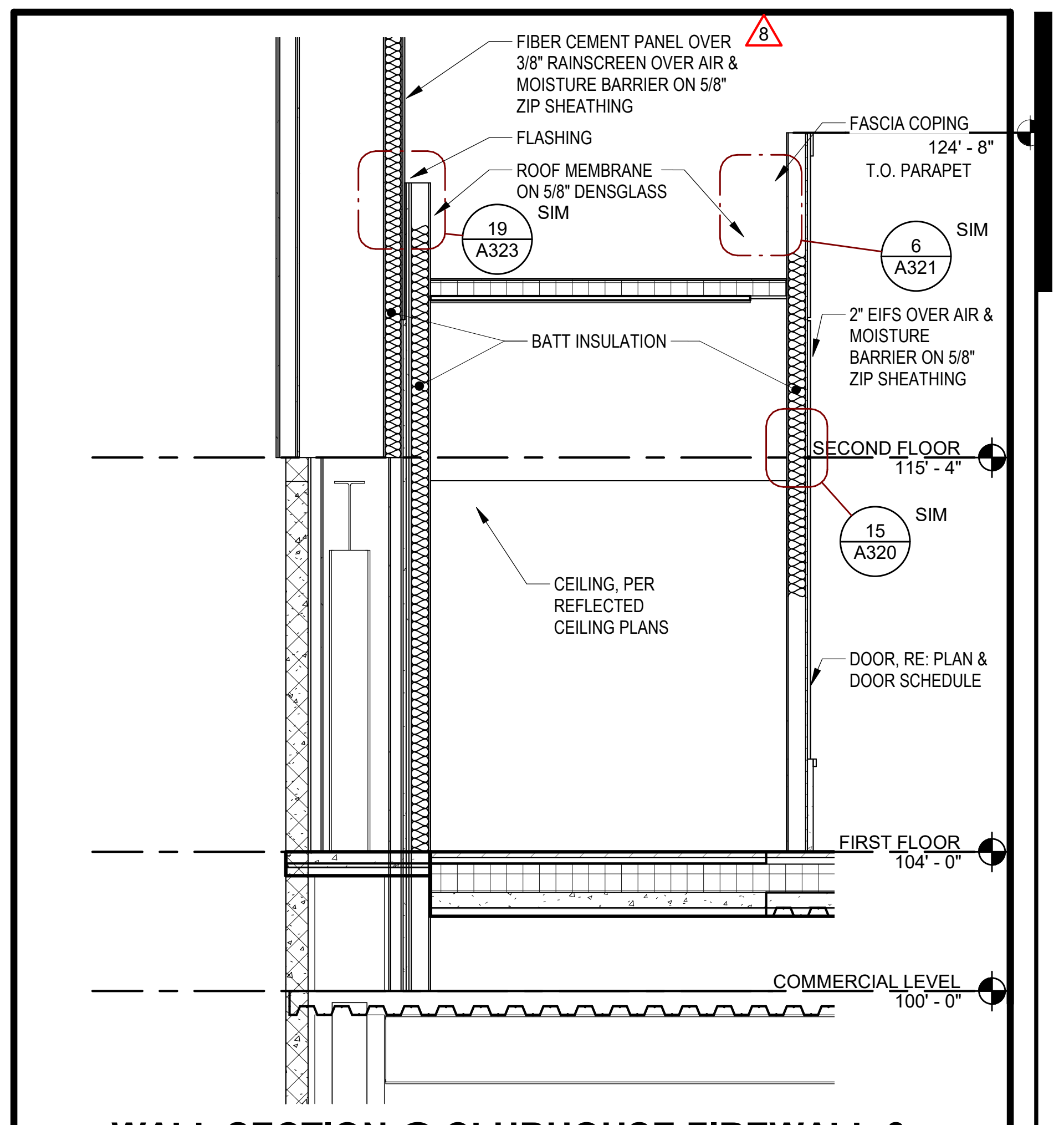
13 WALL SECTION @ CLUBHOUSE FIREWALL @ BRICK

SCALE: 1/4" = 1'-0"


9
A321
SIM
FASCIA COVER
ROOF MEMBRANE ON 5/8" DENSGLASS
T.O. PARAPET
151' - 7"
HARDIE BD CORNICE
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
14' - 11"
HARDIE BD TRIM WHERE OCCURS, RE: ELEVS
10
R-30 BATT INSULATION PER UL P531
8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
14
A321
SIM
SHEET METAL FLASHING
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
FOURTH FLOOR
136' - 8"
0"
8"
1' - 1 3/8"
2 5/8"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
10' - 8"
1/2" RECESSED BRICK COURSE
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
BRICK VENEER OVER 3" AIR SPACE ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
THIRD FLOOR
126' - 0"
STL. LINTEL, RE: STRUCT.
ROOF MEMBRANE ON 5/8" DENSGLASS
20
A323
SIM
10' - 8"
BATT INSULATION
SECOND FLOOR
115' - 4"
RATED FLOOR / CEILING ASSEMBLY
15' - 4"
STL. BEAMS, BRACING, RE: STRUCT
RATED FLOOR / CEILING ASSEMBLY
COMMERCIAL LEVEL
100' - 0"
GARAGE LANDING
88' - 1 7/8"
GARAGE PLAN
87' - 4"

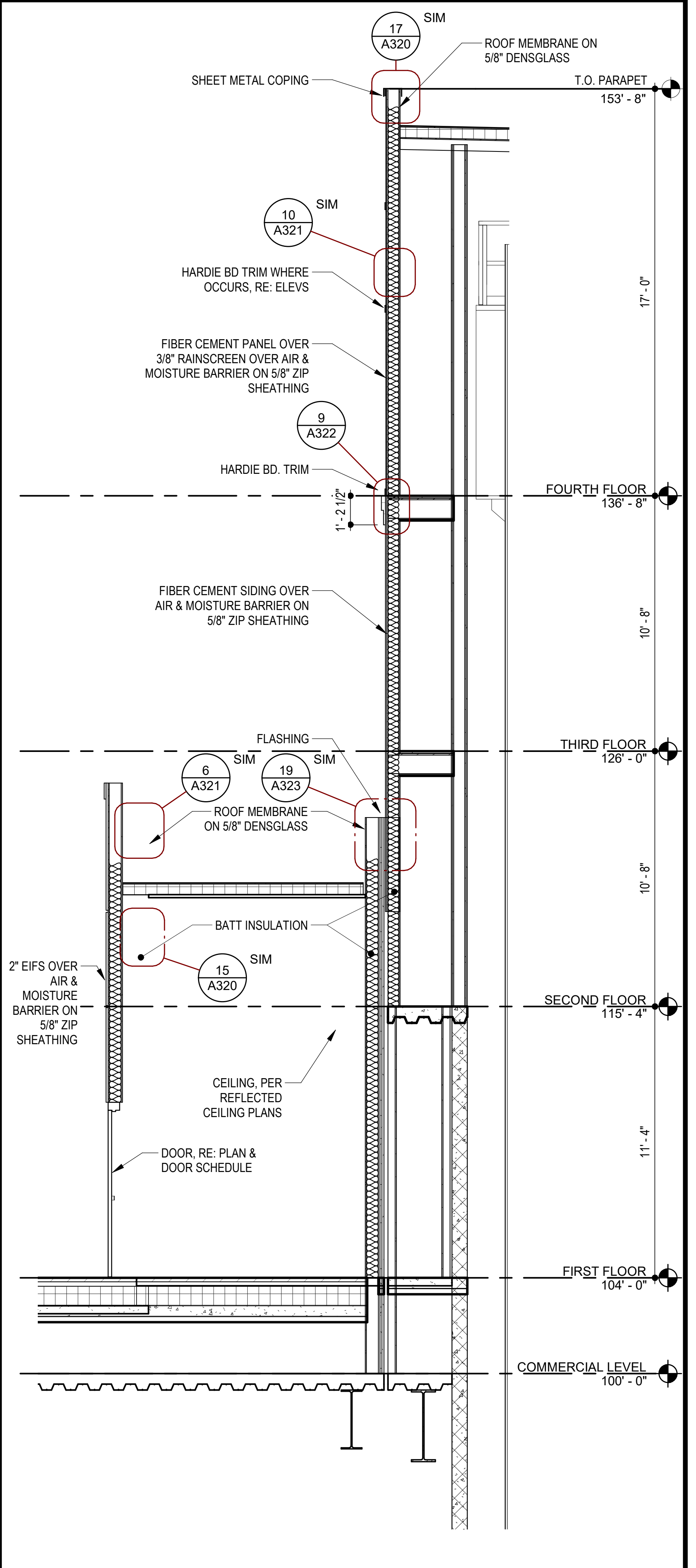
16 WALL SECTION @ CLUBHOUSE FIREWALL WITH EXPANSION JOINT @ BRICK

SCALE: 1/4" = 1'-0"


FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
8
FASCIA COPING
124' - 8"
T.O. PARAPET
FLASHING
ROOF MEMBRANE ON 5/8" DENSGLASS
SIM
19
A323
6
A321
SIM
BATT INSULATION
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SECOND FLOOR
115' - 4"
15
A320
SIM
CEILING, PER REFLECTED CEILING PLANS
DOOR, RE: PLAN & DOOR SCHEDULE
FIRST FLOOR
104' - 0"
COMMERCIAL LEVEL
100' - 0"

17 WALL SECTION @ CLUBHOUSE FIREWALL & COURTYARD STORAGE

SCALE: 1/4" = 1'-0"


17
A320
SIM
ROOF MEMBRANE ON 5/8" DENSGLASS
SHEET METAL COPING
T.O. PARAPET
153' - 8"
10
A321
SIM
HARDIE BD TRIM WHERE OCCURS, RE: ELEVS
17' - 0"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
9
A322
HARDIE BD. TRIM
FOURTH FLOOR
136' - 8"
1' - 2 1/2"
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10' - 8"
FLASHING
THIRD FLOOR
126' - 0"
6
A321
SIM
19
A323
SIM
ROOF MEMBRANE ON 5/8" DENSGLASS
10' - 8"
BATT INSULATION
2" EIFS OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
15
A320
SIM
SECOND FLOOR
115' - 4"
CEILING, PER REFLECTED CEILING PLANS
11' - 4"
DOOR, RE: PLAN & DOOR SCHEDULE
FIRST FLOOR
104' - 0"
COMMERCIAL LEVEL
100' - 0"

20 WALL SECTION @ CLUBHOUSE FIREWALL WITH EXPANSION JOINT & COURTYARD STORAGE

SCALE: 1/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER
A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Summit at West Pryor

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Lee's Summit, Missouri 64081

TR,i ARCHITECTS

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F: 314-395-9751
www.triarchitects.com

DATE: 7.29.19

REVISIONS #

#		
	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

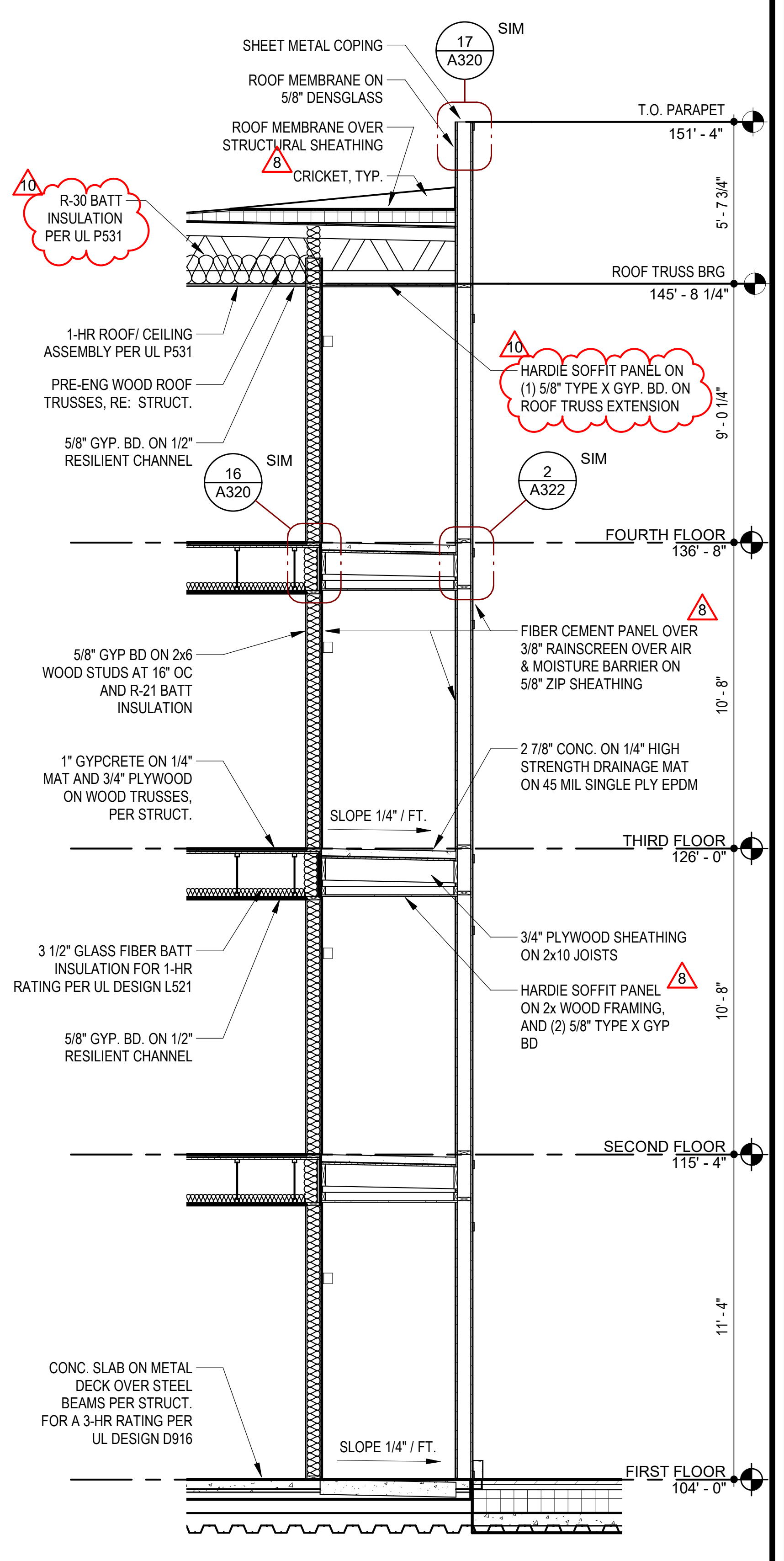
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

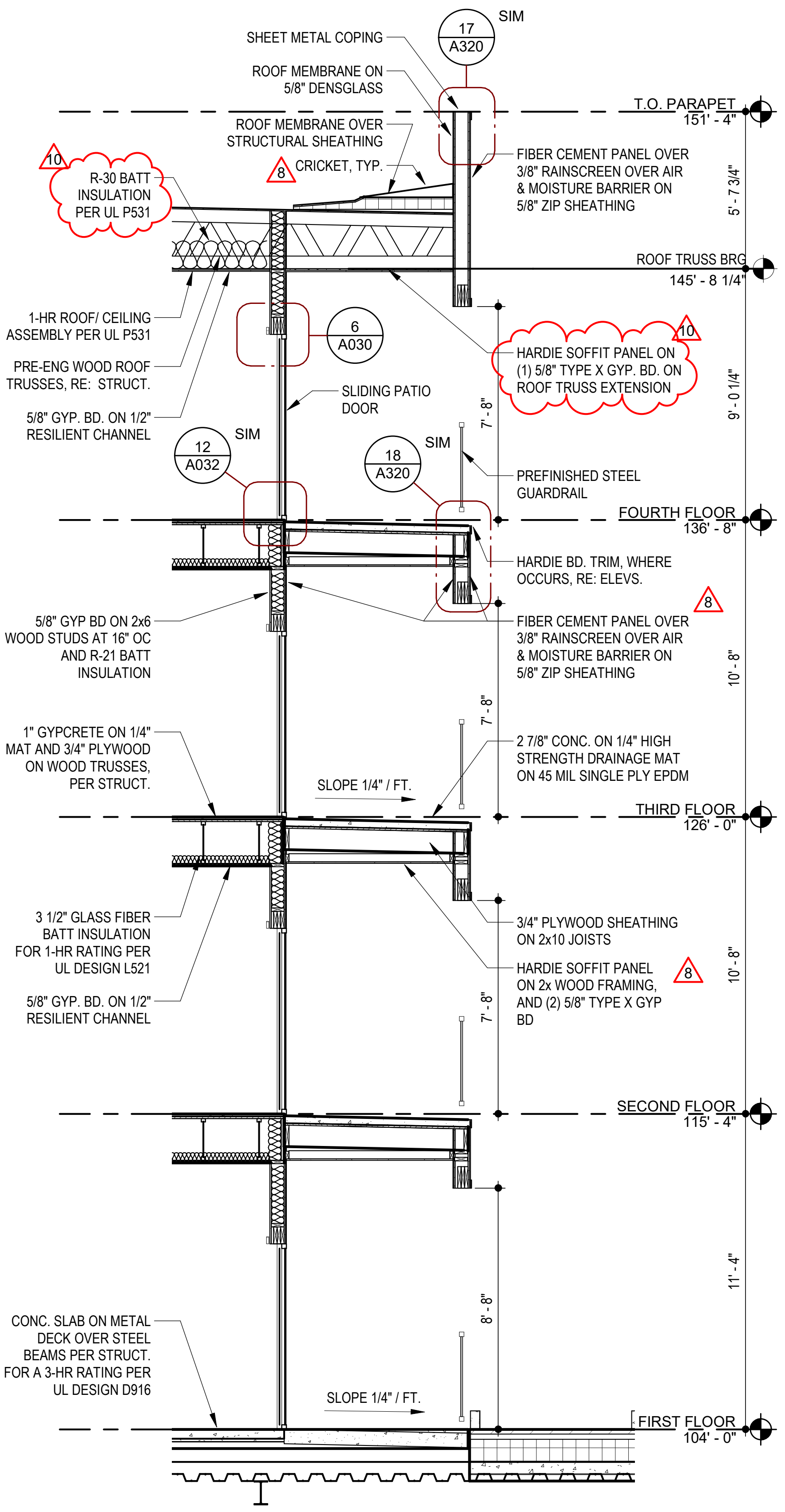
A313

CENTER COURTYARD WALL SECTIONS


SHEET METAL COPING
17 A320 SIM
ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
8
CRICKET, TYP.
10
R-30 BATT INSULATION PER UL P531
T.O. PARAPET 151' - 4"
5' - 7 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
10
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
9' - 0 1/4"
16 A320 SIM
2 A322 SIM
FOURTH FLOOR 136' - 8"
8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
8
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
10' - 8"
SECOND FLOOR 115' - 4"
11' - 4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
SLOPE 1/4" / FT.
FIRST FLOOR 104' - 0"

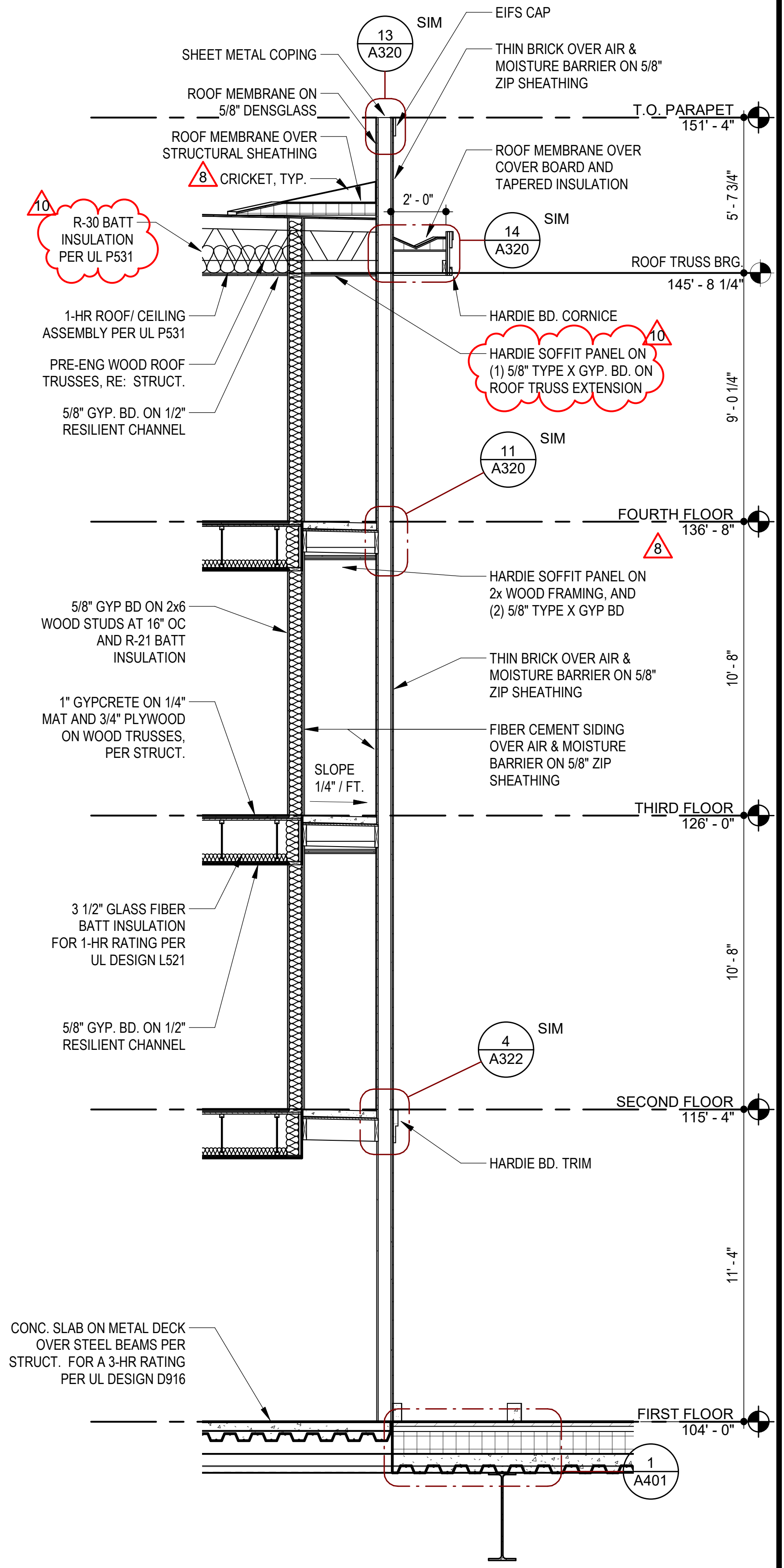
④ **WALL SECTION @ COURTYARD FCP BALCONY**

SCALE: 1/4" = 1'-0"


SHEET METAL COPING
17 A320 SIM
ROOF MEMBRANE ON 5/8" DENSGLASS
T.O. PARAPET 151' - 4"
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
8
CRICKET, TYP.
10
R-30 BATT INSULATION PER UL P531
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5' - 7 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
6 A030
10
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
SLIDING PATIO DOOR
9' - 0 1/4"
7' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
12 A032 SIM
18 A320 SIM
PREFINISHED STEEL GUARDRAIL
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM, WHERE OCCURS, RE: ELEVS.
8
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10' - 8"
7' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
8
10' - 8"
7' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SECOND FLOOR 115' - 4"
11' - 4"
8' - 8"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
SLOPE 1/4" / FT.
FIRST FLOOR 104' - 0"

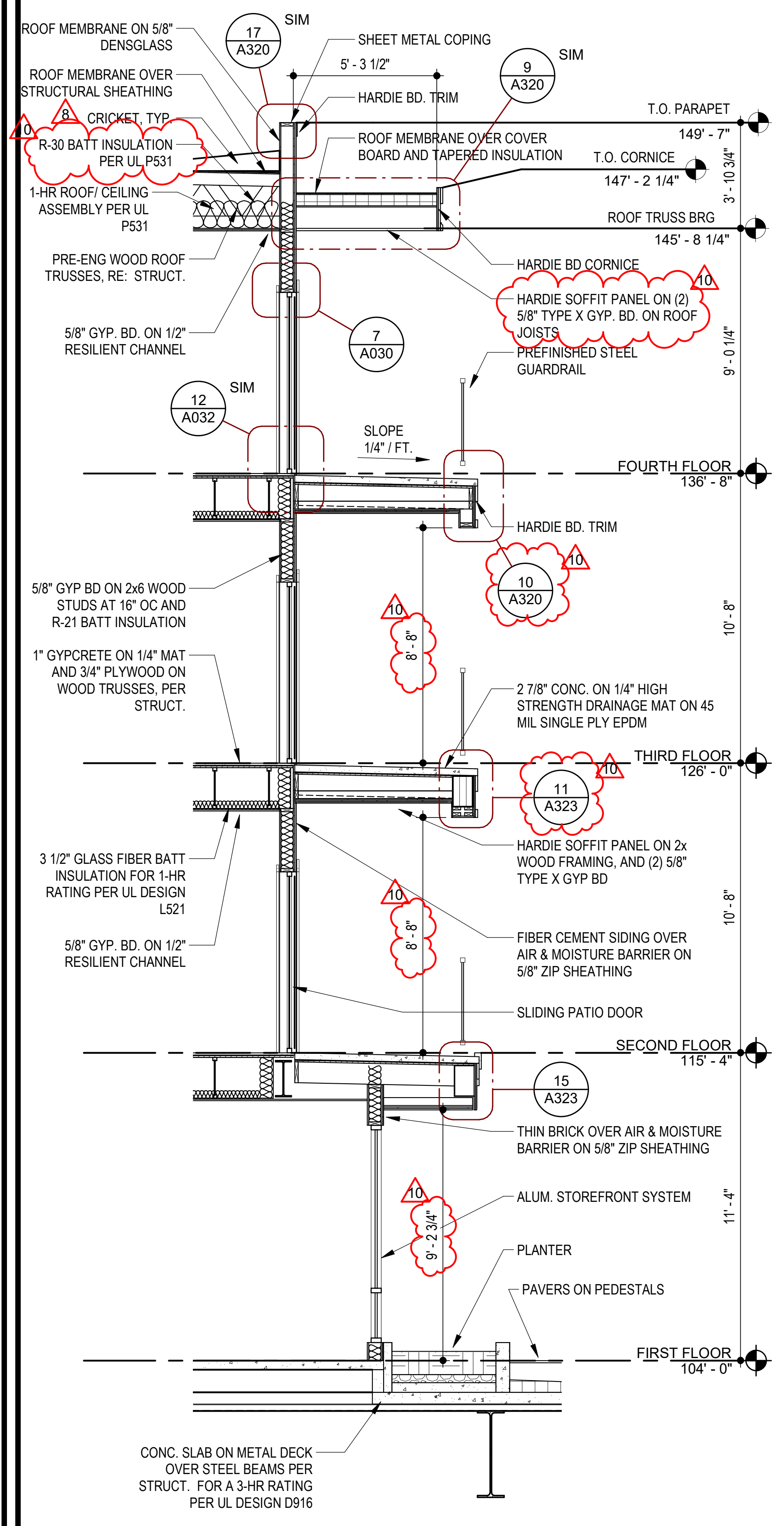
⑧ **WALL SECTION @ COURTYARD FCP BALCONY SLIDER**

SCALE: 1/4" = 1'-0"


EIFS CAP
13 A320 SIM
SHEET METAL COPING
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
ROOF MEMBRANE ON 5/8" DENSGLASS
T.O. PARAPET 151' - 4"
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
8
CRICKET, TYP.
2' - 0"
10
R-30 BATT INSULATION PER UL P531
14 A320 SIM
5' - 7 3/4"
ROOF TRUSS BRG. 145' - 8 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
HARDIE BD. CORNICE
10
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
9' - 0 1/4"
11 A320 SIM
FOURTH FLOOR 136' - 8"
8
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
10' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
4 A322 SIM
SECOND FLOOR 115' - 4"
HARDIE BD. TRIM
11' - 4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
FIRST FLOOR 104' - 0"
1 A401

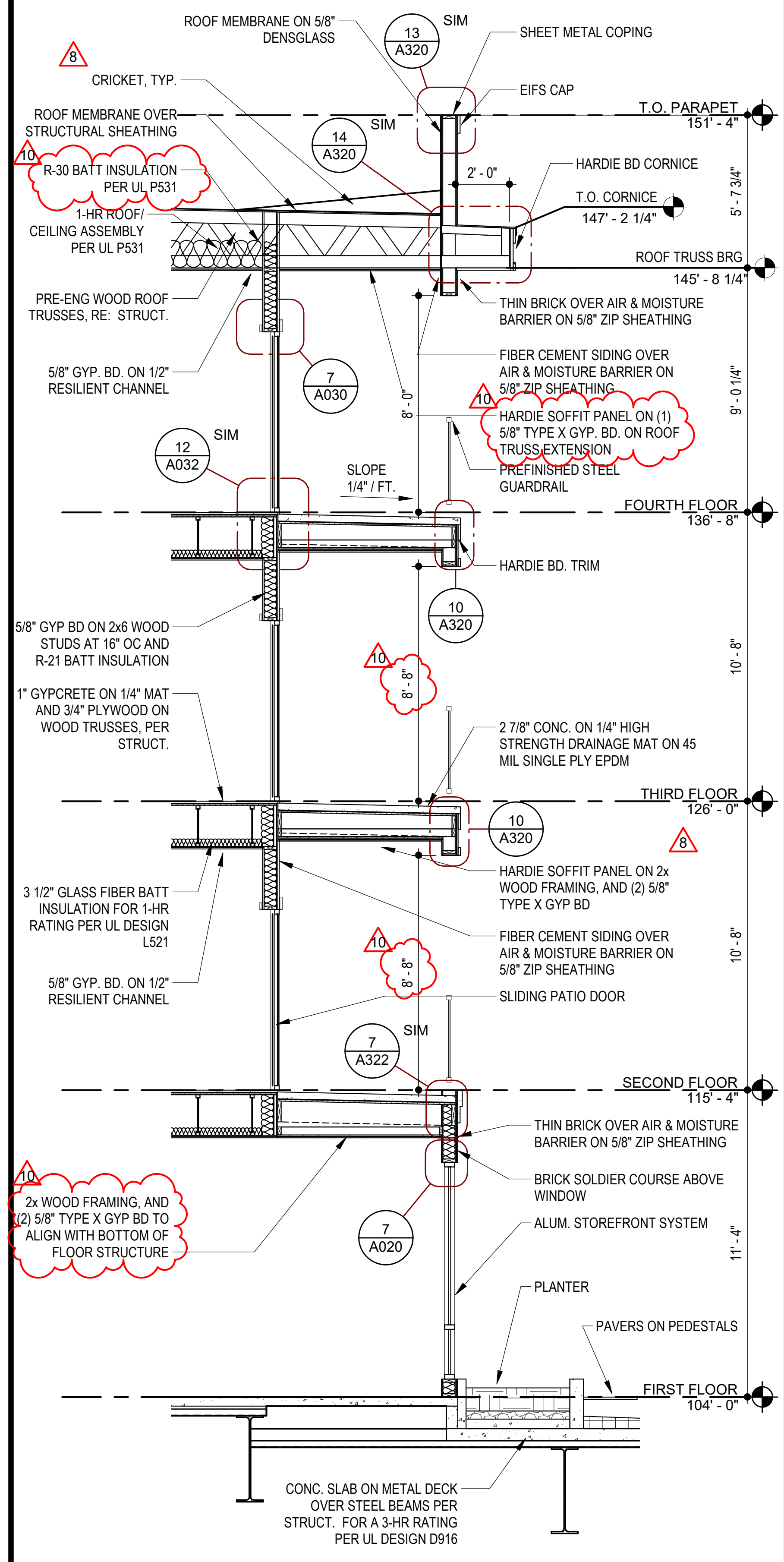
⑫ **WALL SECTION @ COURTYARD D1 BALCONY ABOVE FITNESS**

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
17 A320 SIM
SHEET METAL COPING
5' - 3 1/2"
9 A320 SIM
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
HARDIE BD. TRIM
T.O. PARAPET 149' - 7"
8
CRICKET, TYP.
10
R-30 BATT INSULATION PER UL P531
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
T.O. CORNICE 147' - 2 1/4"
3' - 10 3/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
HARDIE BD CORNICE
10
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
7 A030
PREFINISHED STEEL GUARDRAIL
9' - 0 1/4"
12 A032 SIM
SLOPE 1/4" / FT.
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
10
10 A320
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10
8' - 8"
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
THIRD FLOOR 126' - 0"
10
11 A323
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
10
8' - 8"
10' - 8"
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SLIDING PATIO DOOR
SECOND FLOOR 115' - 4"
15 A323
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10
9' - 2 3/4"
ALUM. STOREFRONT SYSTEM
11' - 4"
PLANTER
PAVERS ON PEDESTALS
FIRST FLOOR 104' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916

⑯ **WALL SECTION @ COURTYARD A2 BALCONY ABOVE FITNESS**

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
13 A320 SIM
SHEET METAL COPING
8
CRICKET, TYP.
EIFS CAP
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
T.O. PARAPET 151' - 4"
14 A320 SIM
10
R-30 BATT INSULATION PER UL P531
2' - 0"
HARDIE BD CORNICE
T.O. CORNICE 147' - 2 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
5' - 7 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
7 A030
8' - 0"
10
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
9' - 0 1/4"
PREFINISHED STEEL GUARDRAIL
12 A032 SIM
SLOPE 1/4" / FT.
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
10 A320
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
10
8' - 8"
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
THIRD FLOOR 126' - 0"
10 A320
8
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
10
8' - 8"
10' - 8"
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SLIDING PATIO DOOR
7 A322 SIM
SECOND FLOOR 115' - 4"
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
BRICK SOLDIER COURSE ABOVE WINDOW
10
2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD TO ALIGN WITH BOTTOM OF FLOOR STRUCTURE
7 A020
ALUM. STOREFRONT SYSTEM
11' - 4"
PLANTER
PAVERS ON PEDESTALS
FIRST FLOOR 104' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916

⑳ **WALL SECTION @ COURTYARD D1 BALCONY SLIDER ABOVE FITNESS**

SCALE: 1/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

STATE OF MISSOURI
RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
REGISTERED ARCHITECT
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl
COMPANIES

Summit at West Pryor

940 NW Pryor Road
Lee's Summit, Missouri 64081

TR,i ARCHITECTS

TR,i Architects
9812 Manchester Road
St. Louis, Missouri 63119
T: 314-395-9750
F: 314-395-9751
www.triarchitects.com

DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

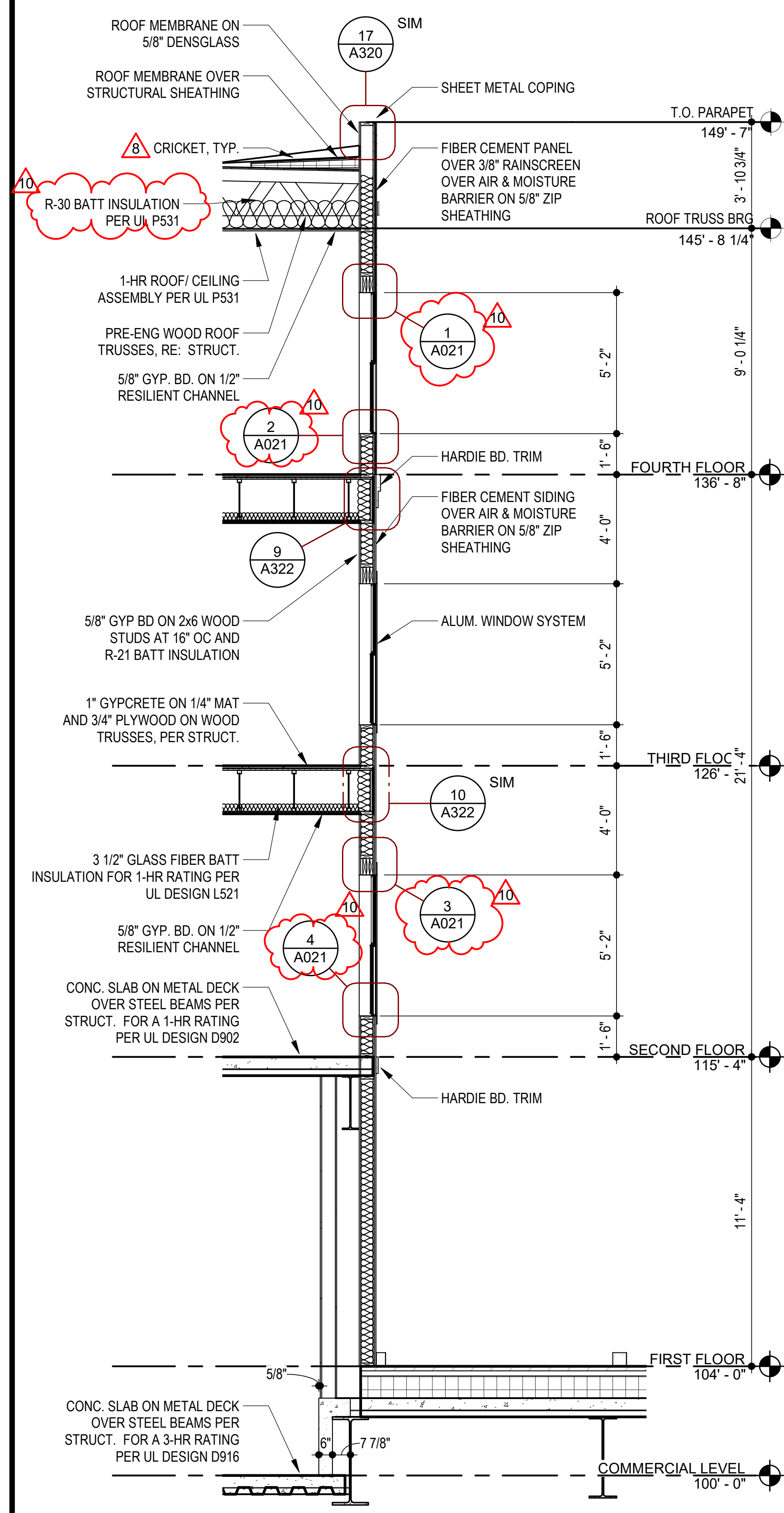
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

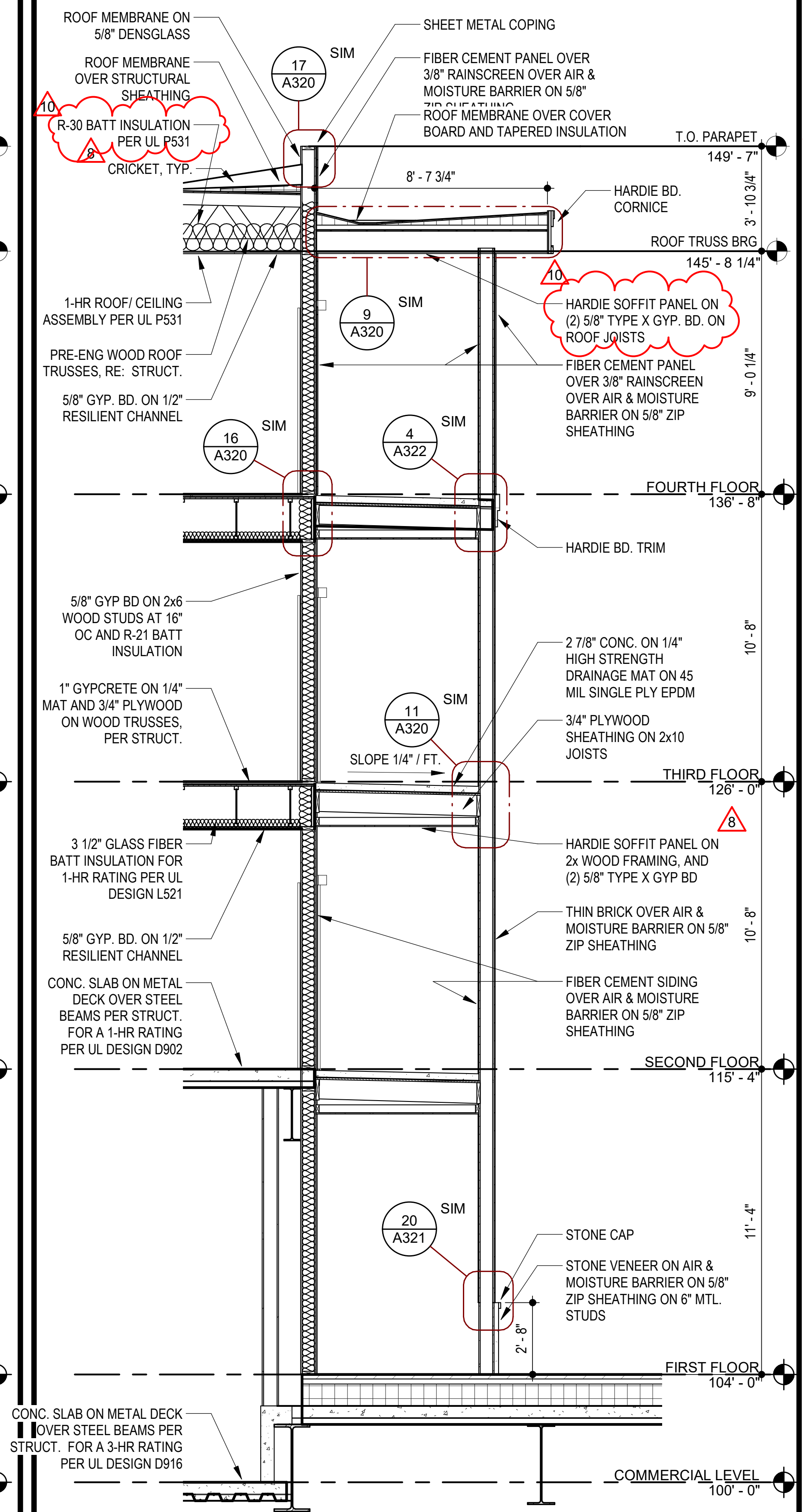
A314

CENTER COURTYARD WALL SECTIONS


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
17 A320 SIM
SHEET METAL COPING
8 CRICKET, TYP.
10 R-30 BATT INSULATION PER UL P531
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
T.O. PARAPET 149' - 7"
ROOF TRUSS BRG 145' - 8 1/4"
3' - 10 3/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
1 A021 10
2 A021 10
5' - 2"
1' - 6"
9' - 0 1/4"
HARDIE BD. TRIM
FOURTH FLOOR 136' - 8"
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
9 A322
4' - 0"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
ALUM. WINDOW SYSTEM
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR 126' - 0"
21' - 4"
10 A322 SIM
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
3 A021 10
4 A021 10
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 1-HR RATING PER UL DESIGN D902
SECOND FLOOR 115' - 4"
HARDIE BD. TRIM
11' - 4"
FIRST FLOOR 104' - 0"
5/8"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
6"
7 7/8"
COMMERCIAL LEVEL 100' - 0"

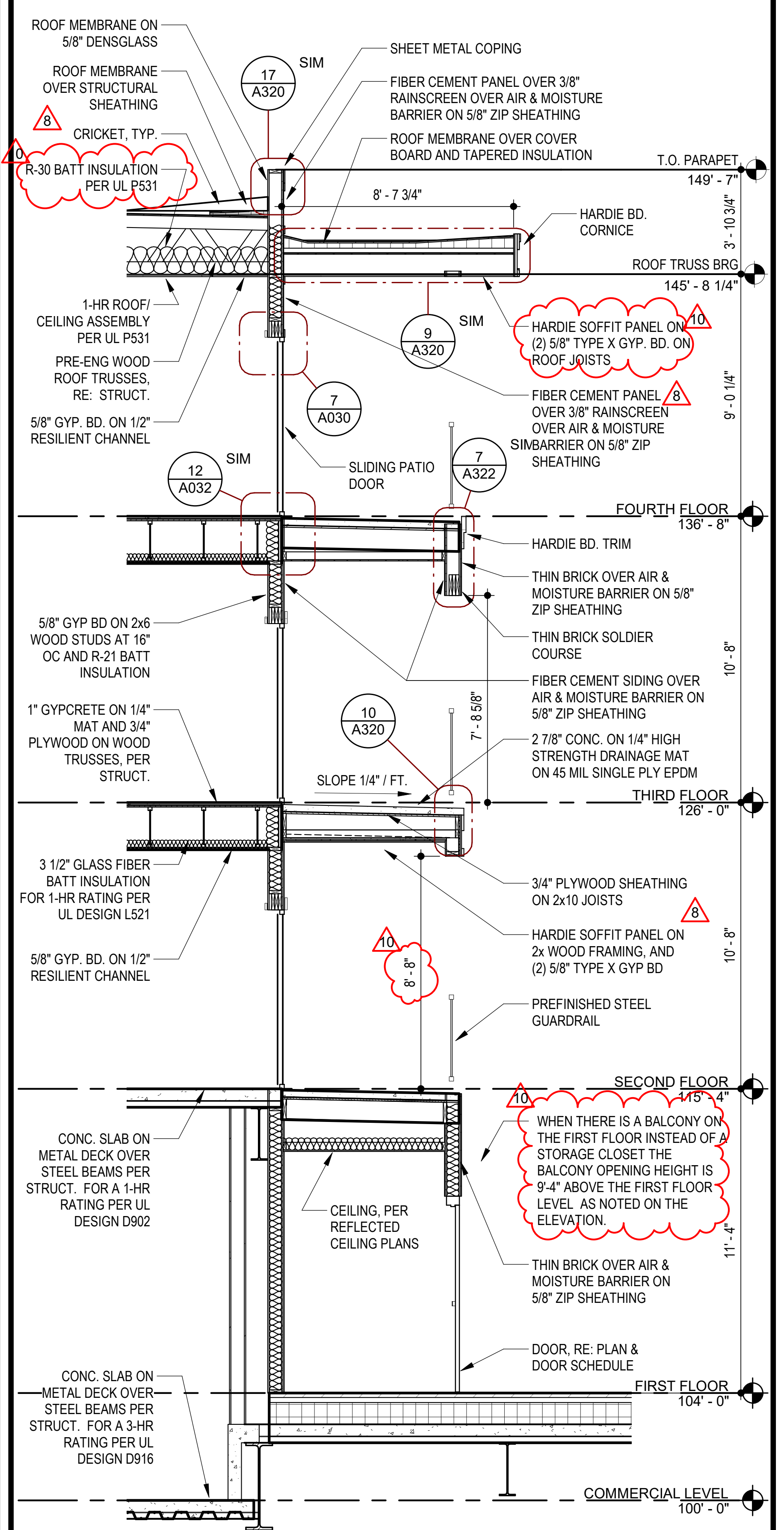
4 WALL SECTION @ COURTYARD FCP OVER FCS

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10 R-30 BATT INSULATION PER UL P531
8 CRICKET, TYP.
17 A320 SIM
SHEET METAL COPING
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
T.O. PARAPET 149' - 7"
8' - 7 3/4"
HARDIE BD. CORNICE
ROOF TRUSS BRG 145' - 8 1/4"
3' - 10 3/4"
9' - 0 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
9 A320 SIM
10 HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
16 A320 SIM
4 A322 SIM
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
11 A320 SIM
SLOPE 1/4" / FT.
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
THIRD FLOOR 126' - 0"
8
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 1-HR RATING PER UL DESIGN D902
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SECOND FLOOR 115' - 4"
11' - 4"
20 A321 SIM
STONE CAP
STONE VENEER ON AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING ON 6" MTL. STUDS
2' - 8"
FIRST FLOOR 104' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
COMMERCIAL LEVEL 100' - 0"

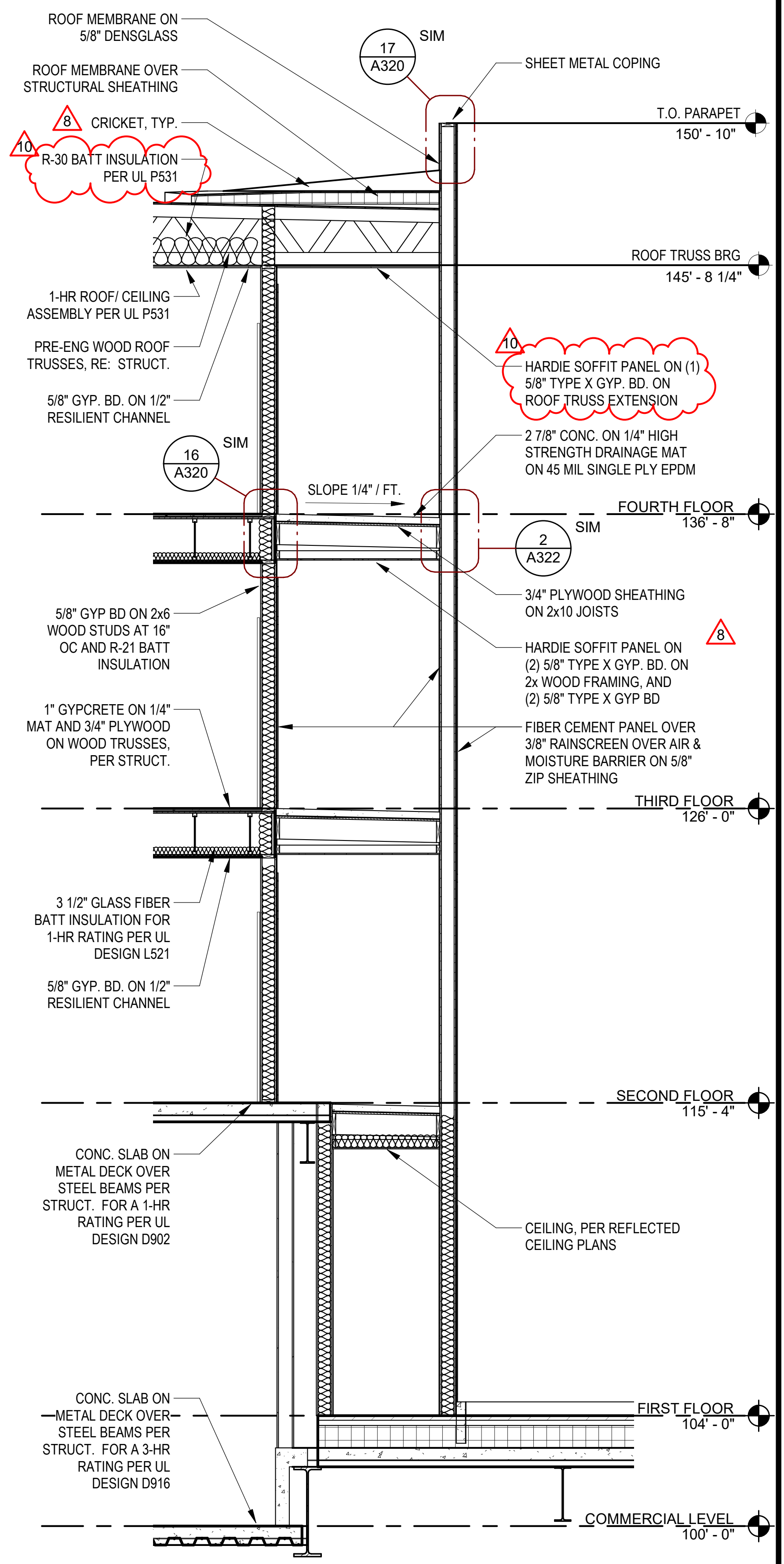
8 WALL SECTION @ COURTYARD BRICK BALCONY PIERS

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
8 CRICKET, TYP.
10 R-30 BATT INSULATION PER UL P531
17 A320 SIM
SHEET METAL COPING
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
T.O. PARAPET 149' - 7"
8' - 7 3/4"
HARDIE BD. CORNICE
ROOF TRUSS BRG 145' - 8 1/4"
3' - 10 3/4"
9' - 0 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
9 A320 SIM
10 HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ROOF JOISTS
7 A030
FIBER CEMENT PANEL 8 OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SIM
SLIDING PATIO DOOR
7 A322
12 A032 SIM
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
THIN BRICK SOLDIER COURSE
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10' - 8"
7' - 8 5/8"
10 A320
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
8
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
8
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
10 8' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
PREFINISHED STEEL GUARDRAIL
SECOND FLOOR 115' - 4"
10 WHEN THERE IS A BALCONY ON THE FIRST FLOOR INSTEAD OF A STORAGE CLOSET THE BALCONY OPENING HEIGHT IS 9'-4" ABOVE THE FIRST FLOOR LEVEL AS NOTED ON THE ELEVATION.
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 1-HR RATING PER UL DESIGN D902
CEILING, PER REFLECTED CEILING PLANS
11' - 4"
THIN BRICK OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
DOOR, RE: PLAN & DOOR SCHEDULE
FIRST FLOOR 104' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
COMMERCIAL LEVEL 100' - 0"

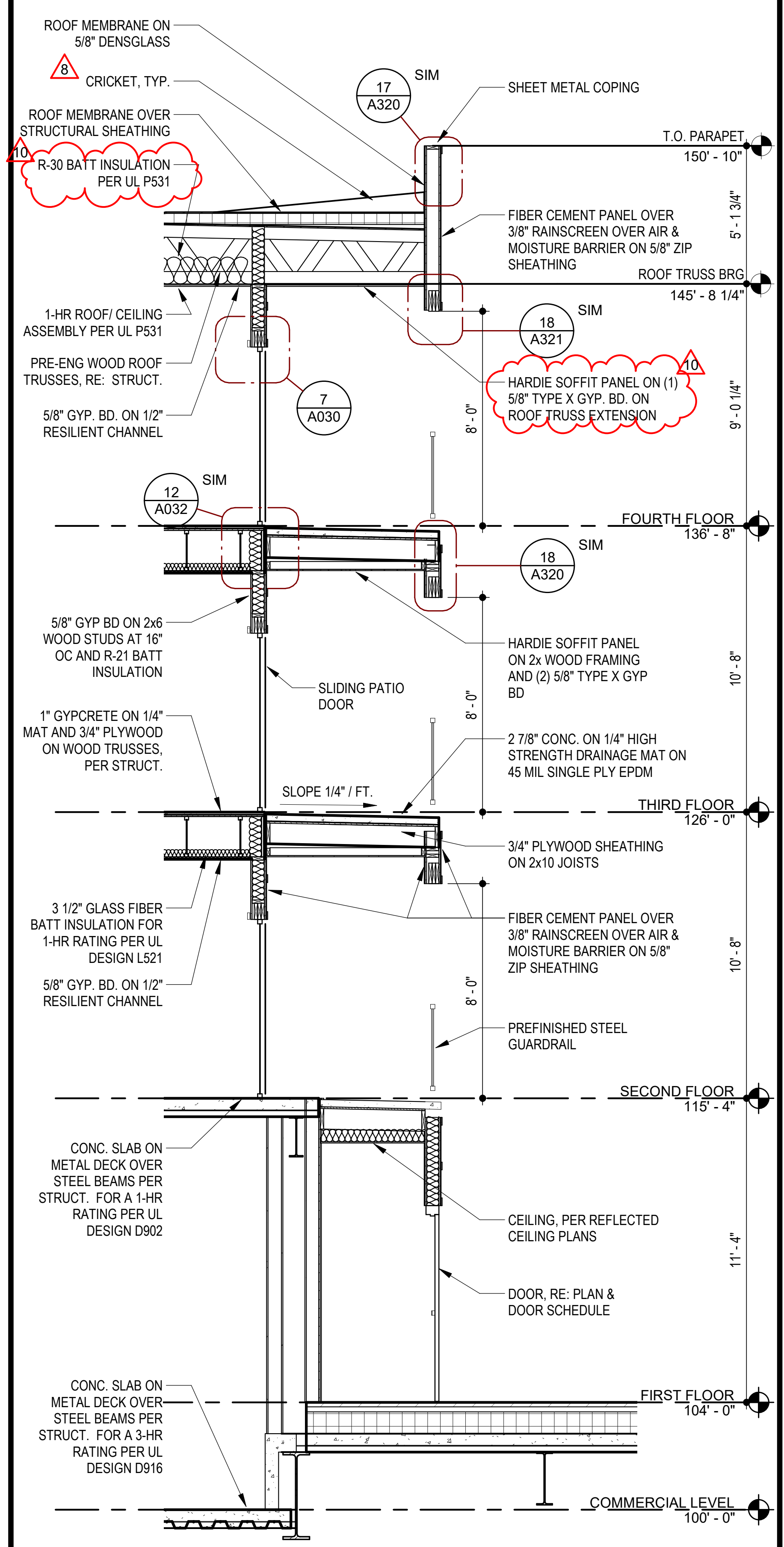
12 WALL SECTION @ COURTYARD BALCONY ABOVE RETAIL CORRIDOR

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
8 CRICKET, TYP.
10 R-30 BATT INSULATION PER UL P531
17 A320 SIM
SHEET METAL COPING
T.O. PARAPET 150' - 10"
ROOF TRUSS BRG 145' - 8 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
10 HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
16 A320 SIM
SLOPE 1/4" / FT.
FOURTH FLOOR 136' - 8"
2 A322 SIM
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
8
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
THIRD FLOOR 126' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SECOND FLOOR 115' - 4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 1-HR RATING PER UL DESIGN D902
CEILING, PER REFLECTED CEILING PLANS
FIRST FLOOR 104' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
COMMERCIAL LEVEL 100' - 0"

16 WALL SECTION @ COURTYARD FCP BALCONY PIERS

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
8 CRICKET, TYP.
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10 R-30 BATT INSULATION PER UL P531
17 A320 SIM
SHEET METAL COPING
T.O. PARAPET 150' - 10"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5' - 1 3/4"
ROOF TRUSS BRG 145' - 8 1/4"
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
18 A321 SIM
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
7 A030
10 HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
8' - 0"
9' - 0 1/4"
12 A032 SIM
FOURTH FLOOR 136' - 8"
18 A320 SIM
8
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING AND (2) 5/8" TYPE X GYP BD
SLIDING PATIO DOOR
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
PREFINISHED STEEL GUARDRAIL
SECOND FLOOR 115' - 4"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 1-HR RATING PER UL DESIGN D902
CEILING, PER REFLECTED CEILING PLANS
11' - 4"
DOOR, RE: PLAN & DOOR SCHEDULE
FIRST FLOOR 104' - 0"
CONC. SLAB ON METAL DECK OVER STEEL BEAMS PER STRUCT. FOR A 3-HR RATING PER UL DESIGN D916
COMMERCIAL LEVEL 100' - 0"

20 WALL SECTION @ COURTYARD FCP BALCONY ABOVE RETAIL CORRIDOR

SCALE: 1/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl COMPANIES

Summit at West Pryor

940 NW Pryor Road
Lee's Summit, Missouri 64081

TR,i ARCHITECTS

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DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

A315

NORTH & SOUTH COURTYARD WALL SECTIONS

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

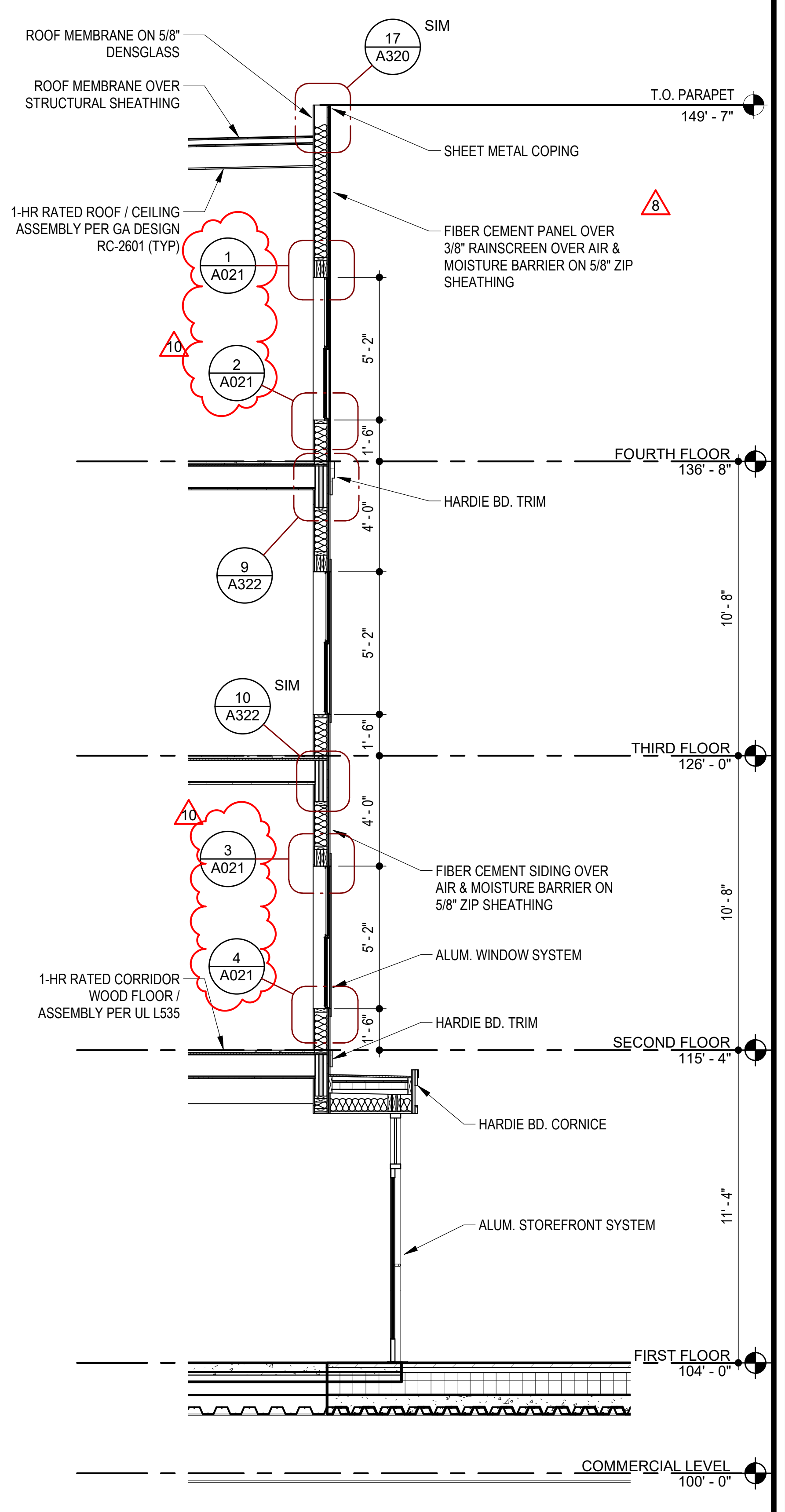
RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl COMPANIES

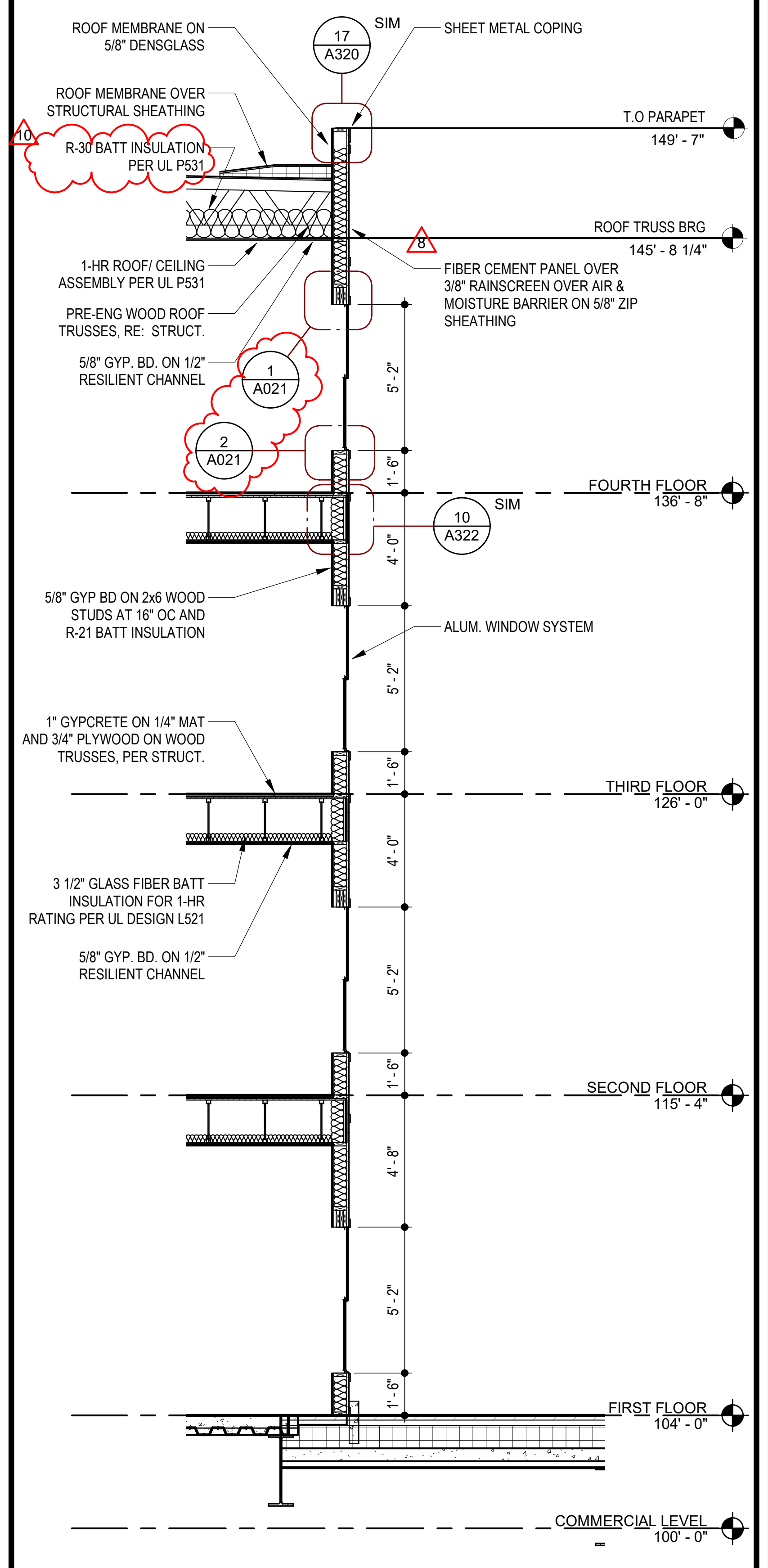
Summit at West Pryor

940 NW Pryor Road
Lee's Summit, Missouri 64081


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
17 A320 SIM
T.O. PARAPET 149' - 7"
SHEET METAL COPING
1-HR RATED ROOF / CEILING ASSEMBLY PER GA DESIGN RC-2601 (TYP)
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
8
1 A021
10
2 A021
5' - 2"
1' - 6"
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
4' - 0"
9 A322
10' - 8"
10 A322 SIM
THIRD FLOOR 126' - 0"
3 A021
4 A021
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
ALUM. WINDOW SYSTEM
1-HR RATED CORRIDOR WOOD FLOOR / ASSEMBLY PER UL L535
HARDIE BD. TRIM
SECOND FLOOR 115' - 4"
HARDIE BD. CORNICE
11' - 4"
ALUM. STOREFRONT SYSTEM
FIRST FLOOR 104' - 0"
COMMERCIAL LEVEL 100' - 0"

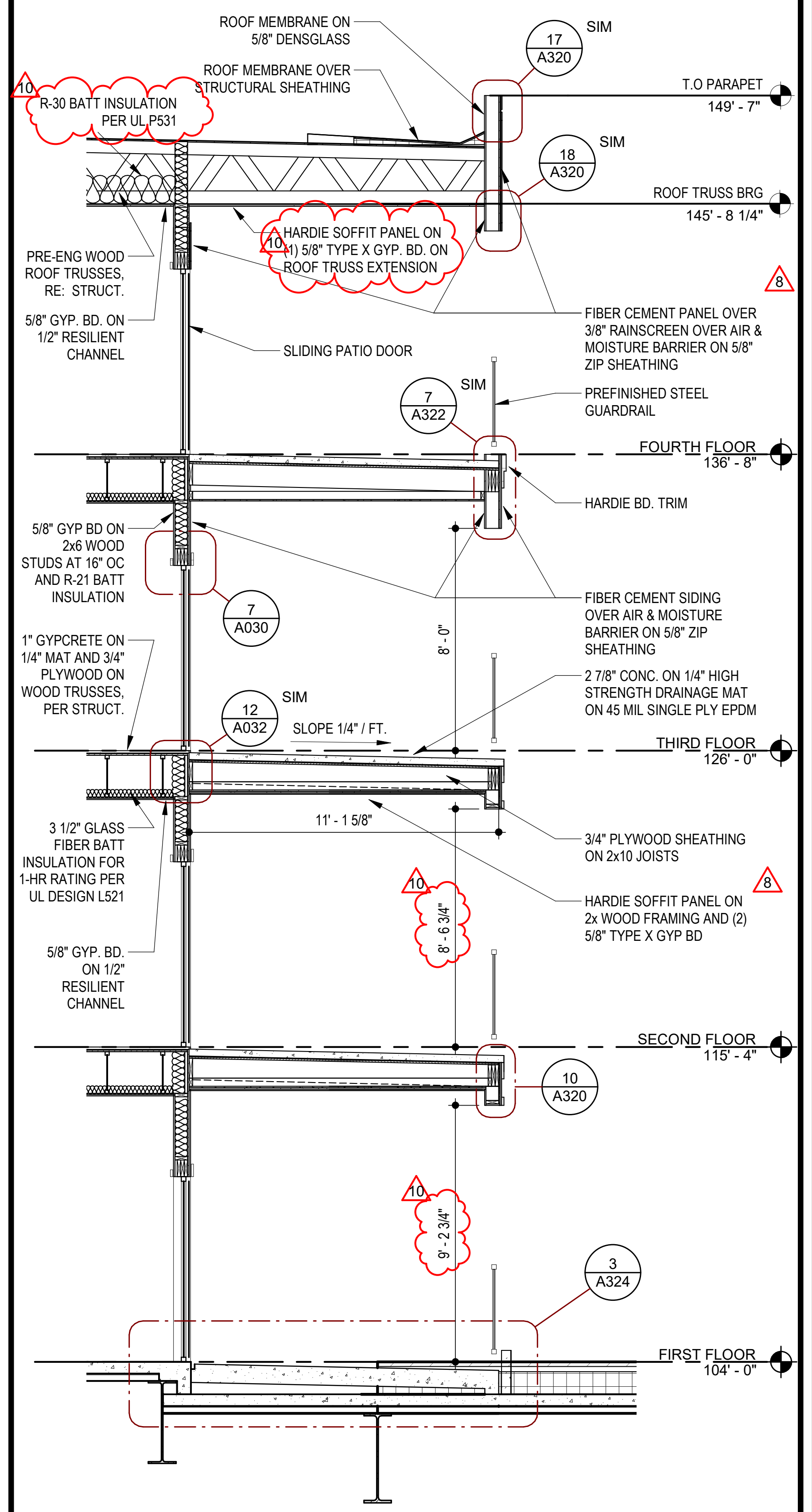
4 WALL SECTION @ COURTYARD ENTRY

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
17 A320 SIM
SHEET METAL COPING
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
T.O PARAPET 149' - 7"
ROOF TRUSS BRG 145' - 8 1/4"
8
1-HR ROOF/ CEILING ASSEMBLY PER UL P531
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
1 A021
2 A021
5' - 2"
1' - 6"
FOURTH FLOOR 136' - 8"
10 A322 SIM
4' - 0"
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
ALUM. WINDOW SYSTEM
10' - 8"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
THIRD FLOOR 126' - 0"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SECOND FLOOR 115' - 4"
4' - 8"
11' - 4"
FIRST FLOOR 104' - 0"
COMMERCIAL LEVEL 100' - 0"

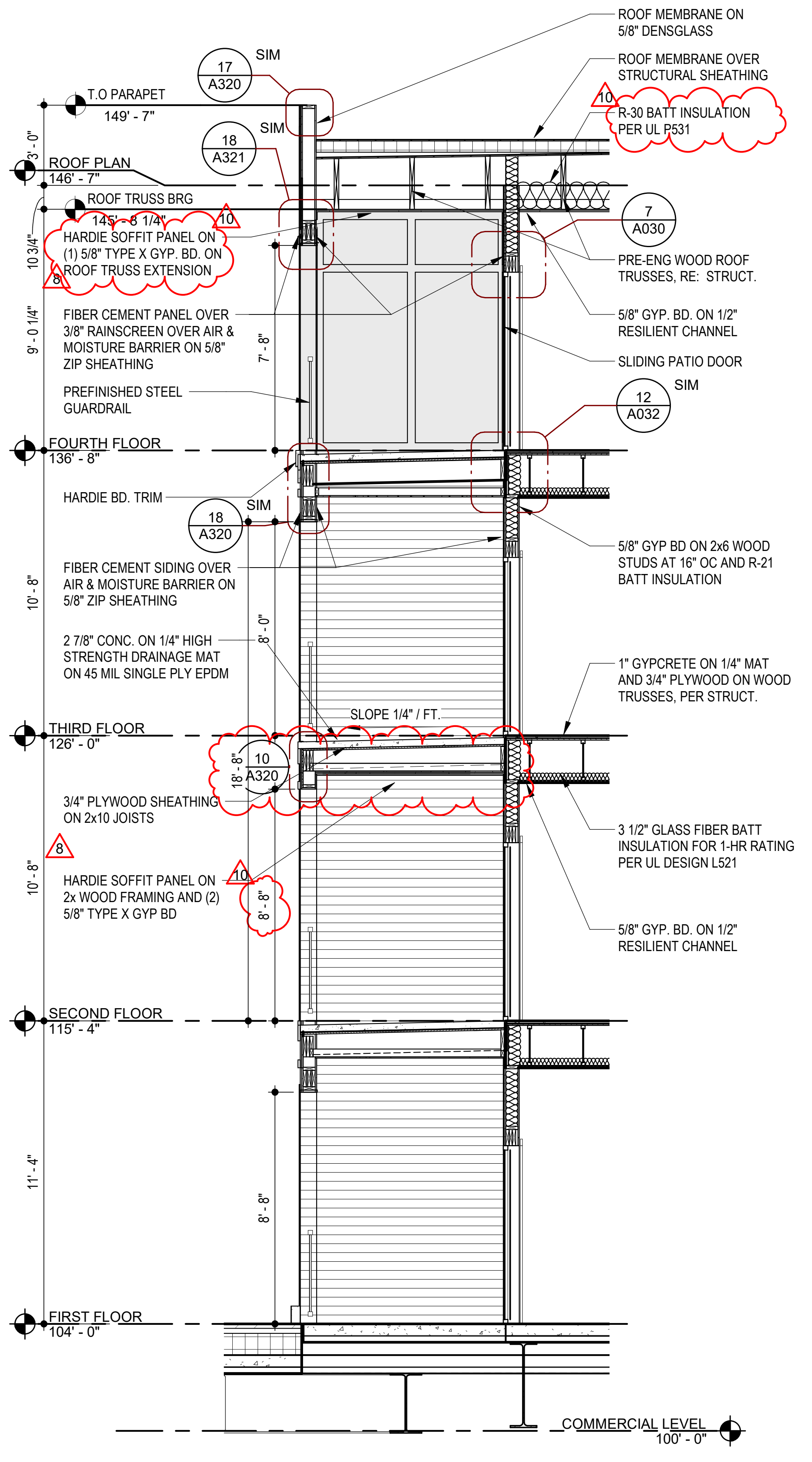
8 WALL SECTION @ COURTYARD WINDOWS IN FCP

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
17 A320 SIM
10
R-30 BATT INSULATION PER UL P531
T.O PARAPET 149' - 7"
18 A320 SIM
ROOF TRUSS BRG 145' - 8 1/4"
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
SLIDING PATIO DOOR
7 A322 SIM
PREFINISHED STEEL GUARDRAIL
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
7 A030
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
8' - 0"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
12 A032 SIM
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
11' - 1 5/8"
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING AND (2) 5/8" TYPE X GYP BD
8' - 6 3/4"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SECOND FLOOR 115' - 4"
10 A320
9' - 2 3/4"
3 A324
FIRST FLOOR 104' - 0"

12 WALL SECTION @ COURTYARD H1 BALCONY

SCALE: 1/4" = 1'-0"


ROOF MEMBRANE ON 5/8" DENSGLASS
ROOF MEMBRANE OVER STRUCTURAL SHEATHING
10
R-30 BATT INSULATION PER UL P531
17 A320 SIM
T.O PARAPET 149' - 7"
18 A321 SIM
3' - 0"
ROOF PLAN 146' - 7"
ROOF TRUSS BRG 145' - 8 1/4"
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS EXTENSION
10 3/4"
7 A030
PRE-ENG WOOD ROOF TRUSSES, RE: STRUCT.
9' - 0 1/4"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
7' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SLIDING PATIO DOOR
PREFINISHED STEEL GUARDRAIL
12 A032 SIM
FOURTH FLOOR 136' - 8"
HARDIE BD. TRIM
18 A320 SIM
5/8" GYP BD ON 2x6 WOOD STUDS AT 16" OC AND R-21 BATT INSULATION
FIBER CEMENT SIDING OVER AIR & MOISTURE BARRIER ON 5/8" ZIP SHEATHING
10' - 8"
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
8' - 0"
1" GYPCRETE ON 1/4" MAT AND 3/4" PLYWOOD ON WOOD TRUSSES, PER STRUCT.
SLOPE 1/4" / FT.
THIRD FLOOR 126' - 0"
10 A320
18' - 8"
3/4" PLYWOOD SHEATHING ON 2x10 JOISTS
3 1/2" GLASS FIBER BATT INSULATION FOR 1-HR RATING PER UL DESIGN L521
8
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING AND (2) 5/8" TYPE X GYP BD
8' - 8"
5/8" GYP. BD. ON 1/2" RESILIENT CHANNEL
SECOND FLOOR 115' - 4"
11' - 4"
FIRST FLOOR 104' - 0"
COMMERCIAL LEVEL 100' - 0"

16 WALL SECTION @ COURTYARD C UNIT BALCONY

SCALE: 1/4" = 1'-0"

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DATE: 7.29.19

REVISIONS #

#		
	SHELL PACKAGE	7.29.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

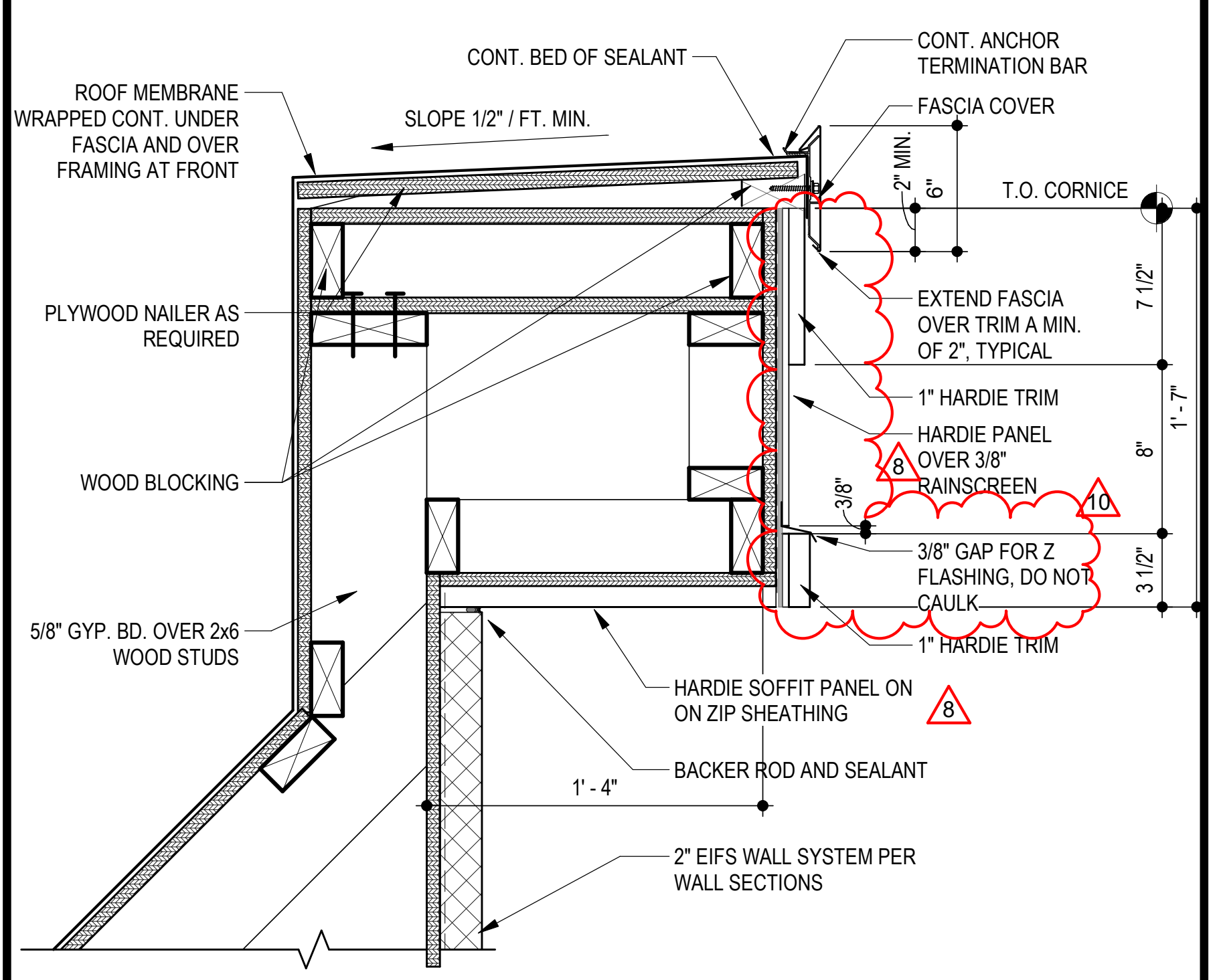
DWG BY AR

TR,i PROJECT NO. 18-046

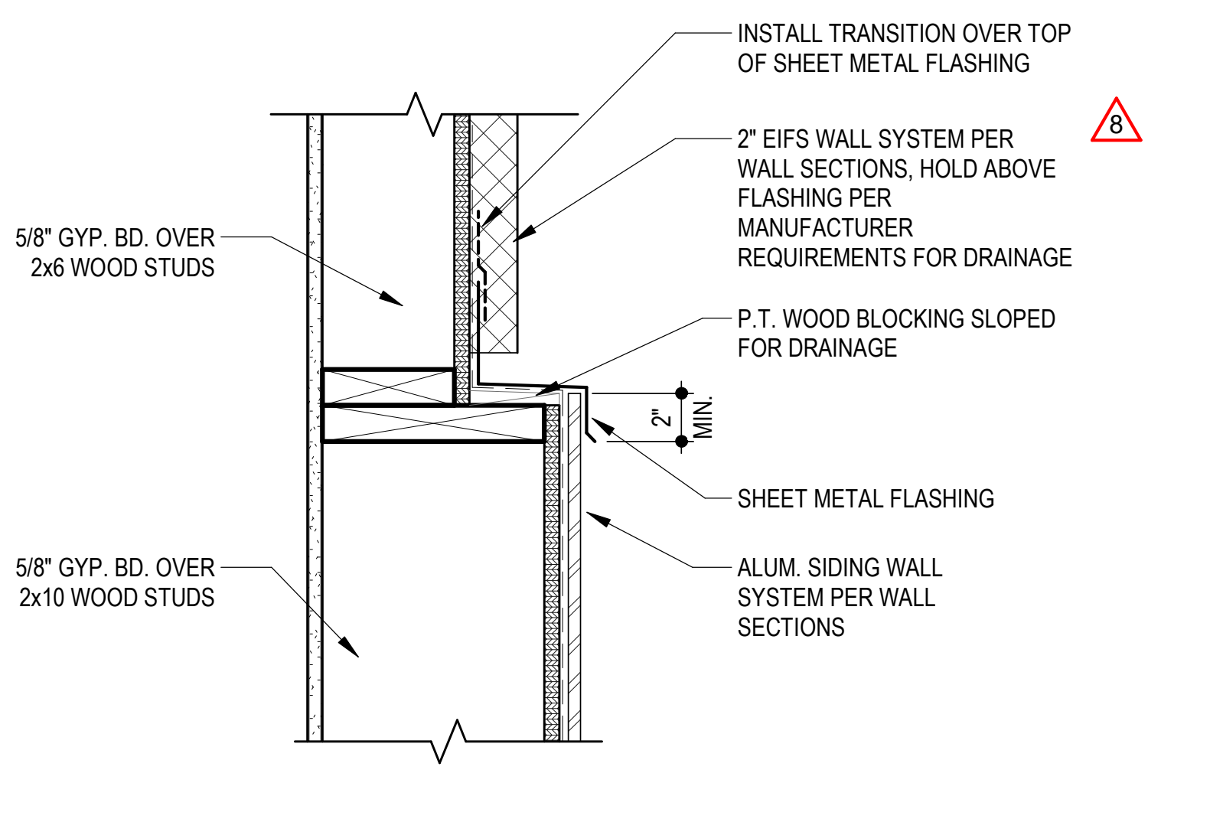
SHEET NO.

A316

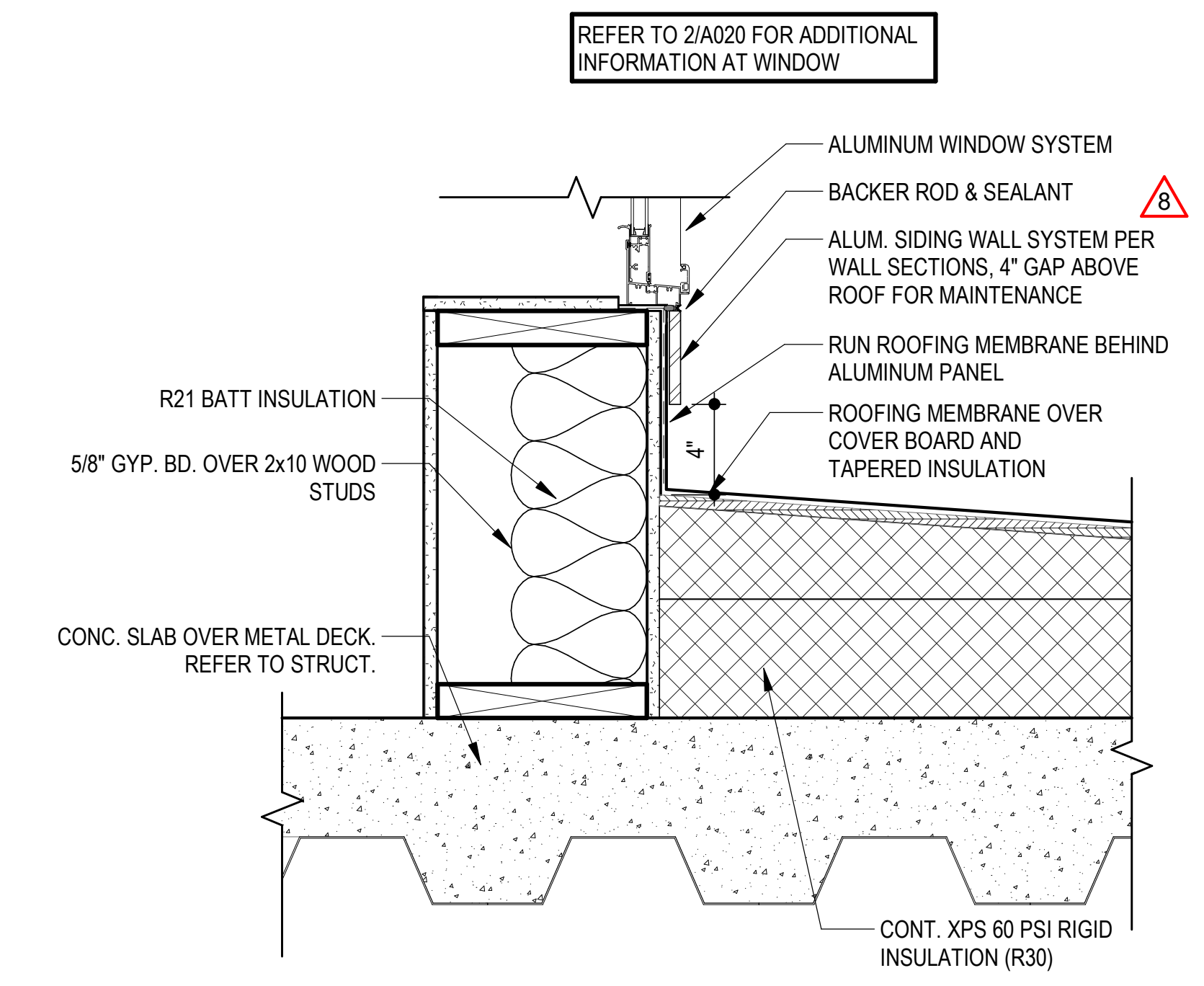
NORTH & SOUTH COURTYARD WALL SECTIONS


CONT. BED OF SEALANT
CONT. ANCHOR TERMINATION BAR
ROOF MEMBRANE WRAPPED CONT. UNDER FASCIA AND OVER FRAMING AT FRONT
SLOPE 1/2" / FT. MIN.
FASCIA COVER
2" MIN.
6"
T.O. CORNICE
PLYWOOD NAILER AS REQUIRED
EXTEND FASCIA OVER TRIM A MIN. OF 2", TYPICAL
7 1/2"
1" HARDIE TRIM
1' - 7"
HARDIE PANEL OVER 3/8" RAINSCREEN
8
WOOD BLOCKING
8"
3/8"
10
3/8" GAP FOR Z FLASHING, DO NOT CAULK
3 1/2"
5/8" GYP. BD. OVER 2x6 WOOD STUDS
1" HARDIE TRIM
HARDIE SOFFIT PANEL ON ON ZIP SHEATHING
8
BACKER ROD AND SEALANT
1' - 4"
2" EIFS WALL SYSTEM PER WALL SECTIONS

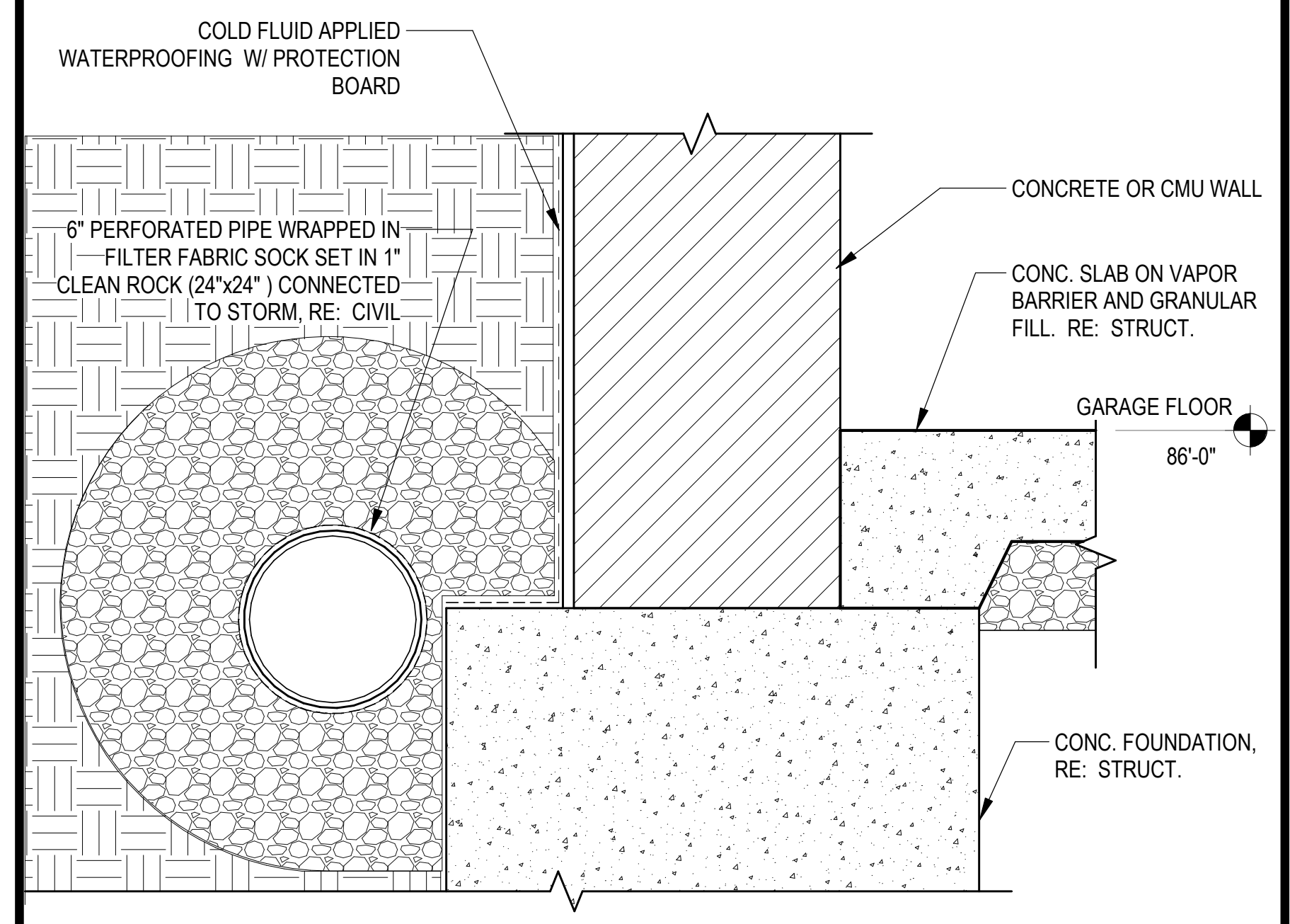
1 HARDIE BOARD CORNICE ABOVE EIFS
SCALE: 1 1/2" = 1'-0"


INSTALL TRANSITION OVER TOP OF SHEET METAL FLASHING
8
2" EIFS WALL SYSTEM PER WALL SECTIONS, HOLD ABOVE FLASHING PER MANUFACTURER REQUIREMENTS FOR DRAINAGE
5/8" GYP. BD. OVER 2x6 WOOD STUDS
P.T. WOOD BLOCKING SLOPED FOR DRAINAGE
2" MIN.
SHEET METAL FLASHING
5/8" GYP. BD. OVER 2x10 WOOD STUDS
ALUM. SIDING WALL SYSTEM PER WALL SECTIONS

2 EIFS TO SIDING TRANSITION
SCALE: 1 1/2" = 1'-0"

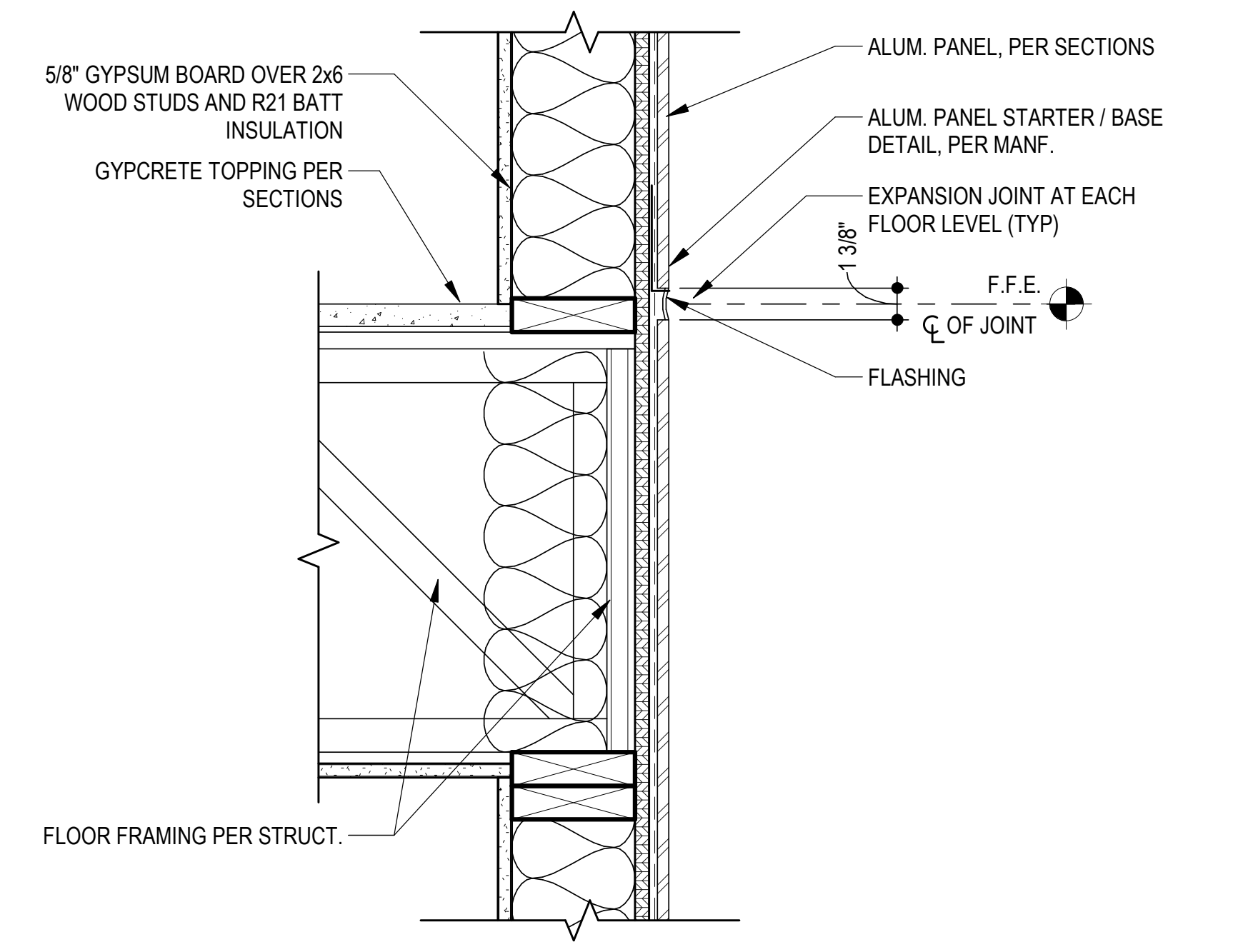

REFER TO 2/A020 FOR ADDITIONAL INFORMATION AT WINDOW
ALUMINUM WINDOW SYSTEM
BACKER ROD & SEALANT
8
ALUM. SIDING WALL SYSTEM PER WALL SECTIONS, 4" GAP ABOVE ROOF FOR MAINTENANCE
RUN ROOFING MEMBRANE BEHIND ALUMINUM PANEL
R21 BATT INSULATION
ROOFING MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
4"
5/8" GYP. BD. OVER 2x10 WOOD STUDS
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.
CONT. XPS 60 PSI RIGID INSULATION (R30)

3 BASE OF WALL ABOVE RETAIL
SCALE: 1 1/2" = 1'-0"

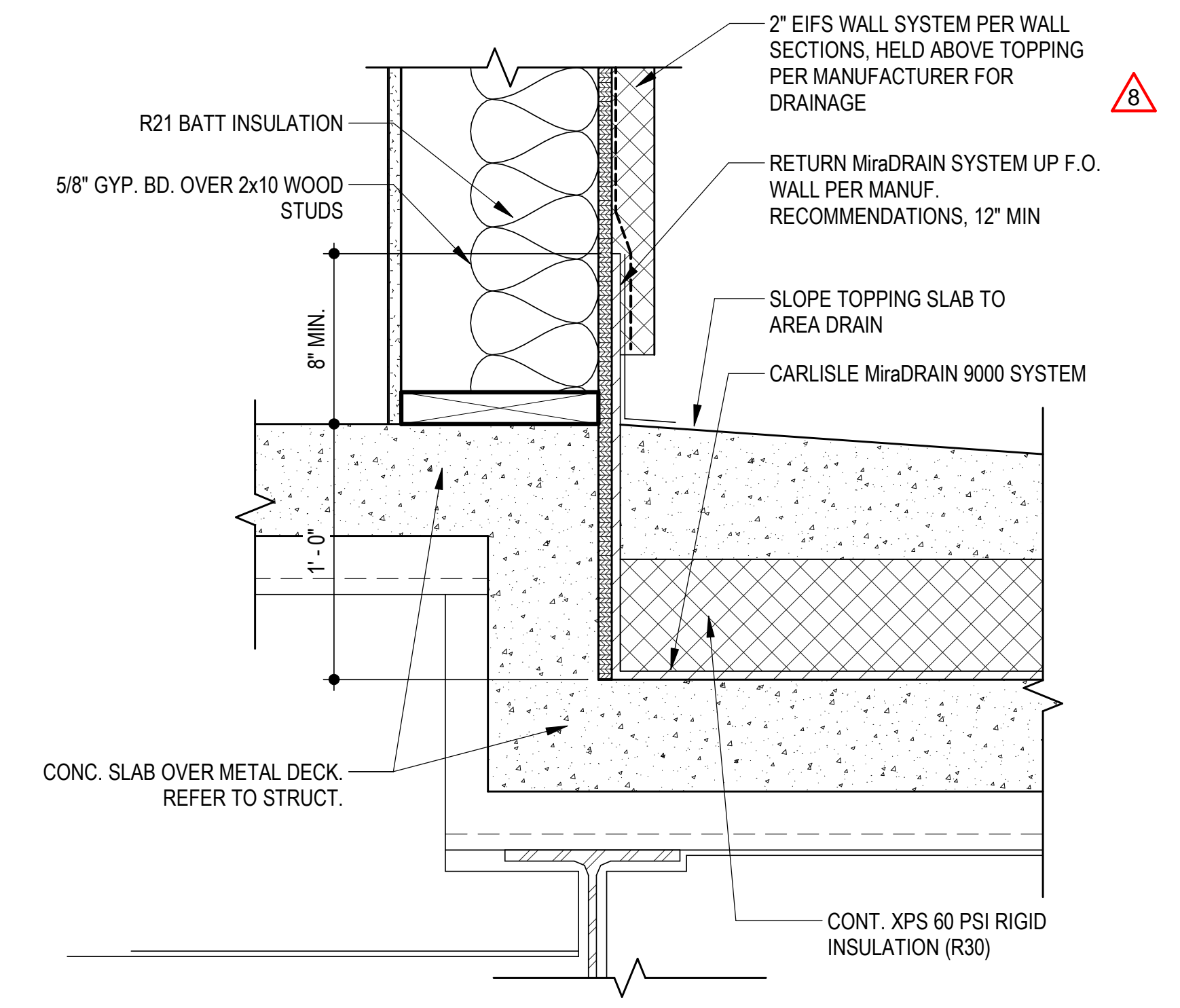

COLD FLUID APPLIED WATERPROOFING W/ PROTECTION BOARD
CONCRETE OR CMU WALL
6" PERFORATED PIPE WRAPPED IN FILTER FABRIC SOCK SET IN 1" CLEAN ROCK (24"x24") CONNECTED TO STORM, RE: CIVIL
CONC. SLAB ON VAPOR BARRIER AND GRANULAR FILL. RE: STRUCT.
GARAGE FLOOR
86'-0"
CONC. FOUNDATION, RE: STRUCT.

TYPICAL AT PERIMETER OF BUILDING

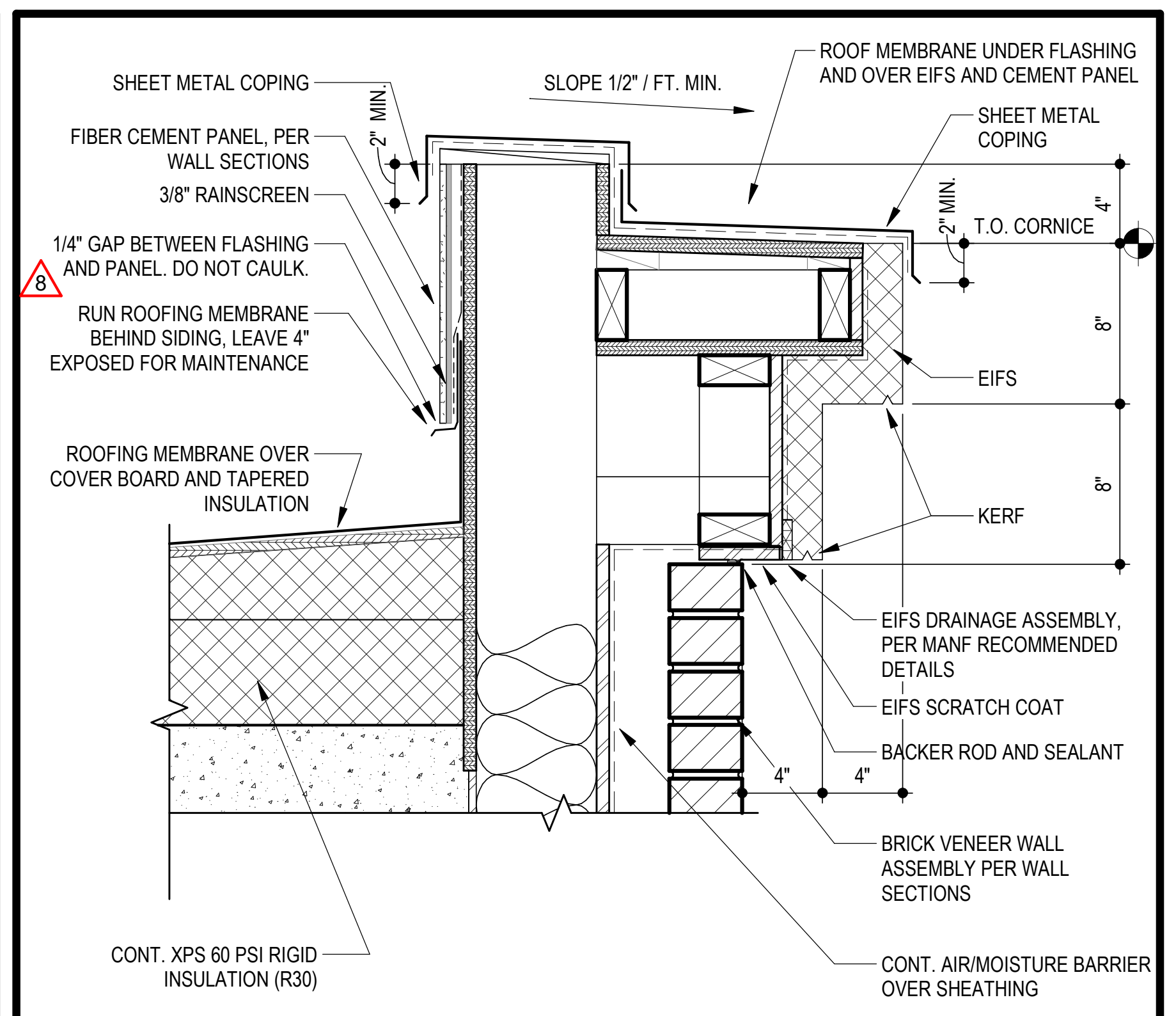
4 TYPICAL BASE OF WALL DETAIL
SCALE: 1 1/2" = 1'-0"


ALUM. PANEL, PER SECTIONS
5/8" GYPSUM BOARD OVER 2x6 WOOD STUDS AND R21 BATT INSULATION
ALUM. PANEL STARTER / BASE DETAIL, PER MANF.
GYPCRETE TOPPING PER SECTIONS
EXPANSION JOINT AT EACH FLOOR LEVEL (TYP)
1 3/8"
F.F.E.
℄ OF JOINT
FLASHING
FLOOR FRAMING PER STRUCT.

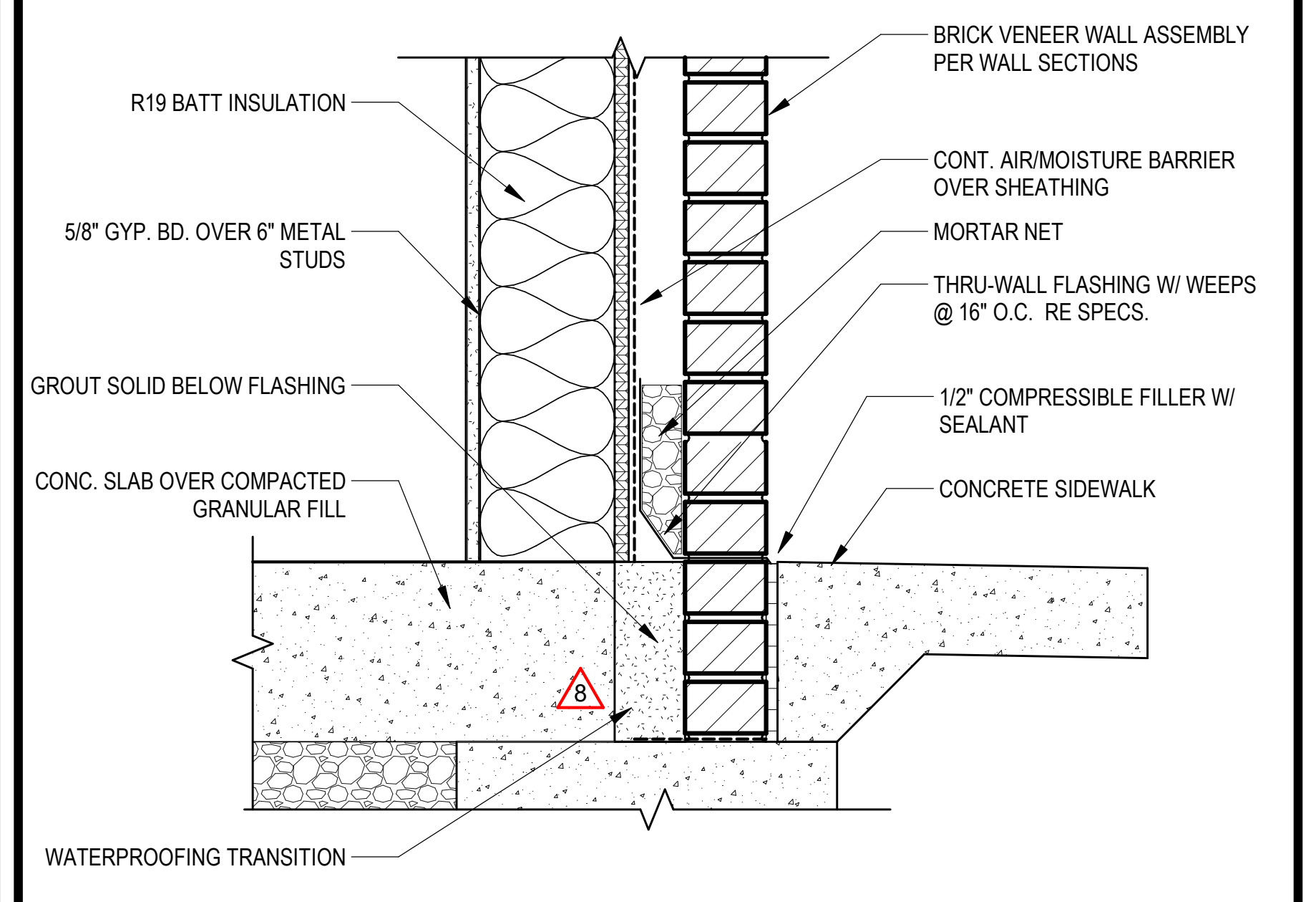
5 ALUM SIDING EXPANSION JOINT
SCALE: 1 1/2" = 1'-0"


2" EIFS WALL SYSTEM PER WALL SECTIONS, HELD ABOVE TOPPING PER MANUFACTURER FOR DRAINAGE
8
R21 BATT INSULATION
5/8" GYP. BD. OVER 2x10 WOOD STUDS
RETURN MiraDRAIN SYSTEM UP F.O. WALL PER MANUF. RECOMMENDATIONS, 12" MIN
8" MIN.
SLOPE TOPPING SLAB TO AREA DRAIN
CARLISLE MiraDRAIN 9000 SYSTEM
1' - 0"
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.
CONT. XPS 60 PSI RIGID INSULATION (R30)

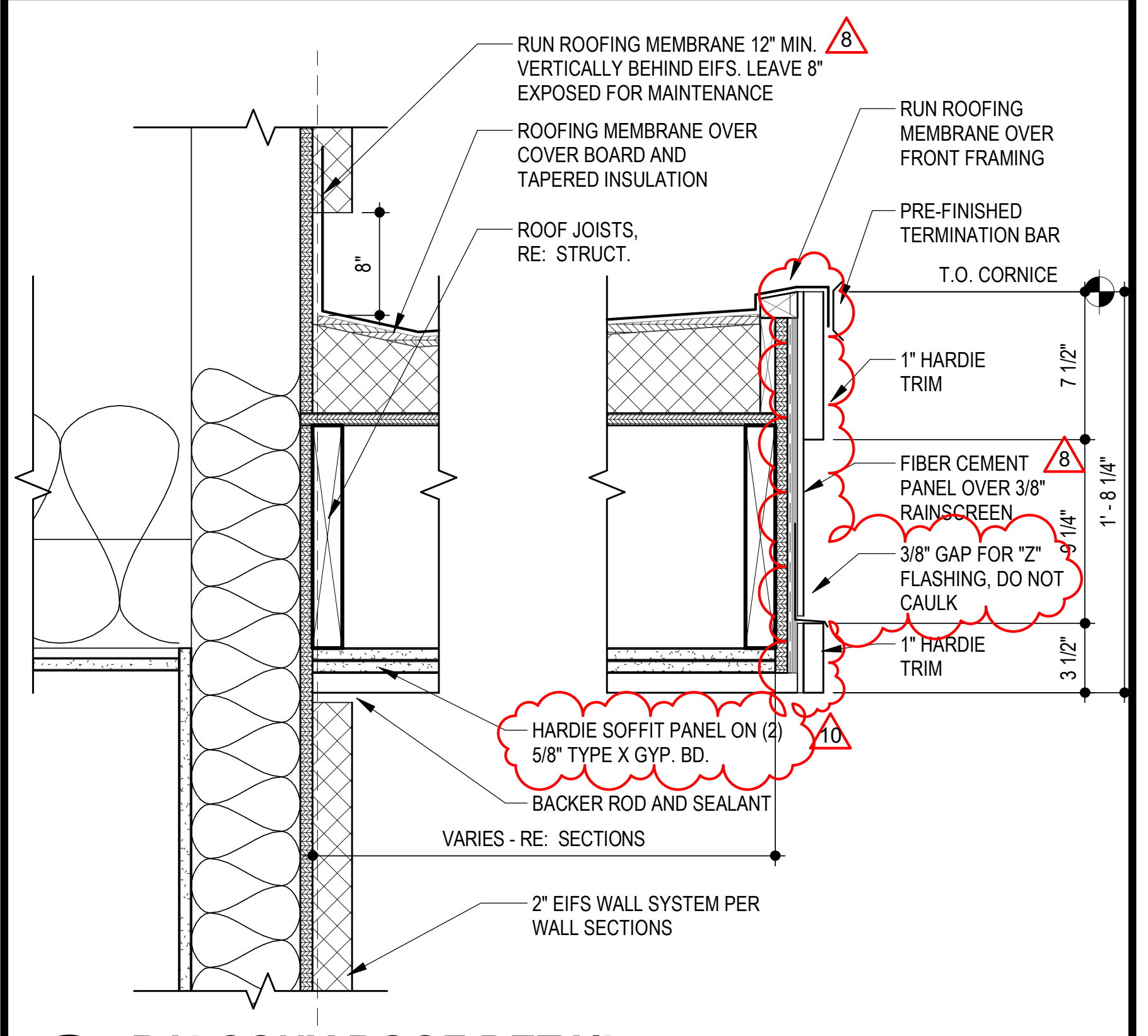
6 BALCONY ABOVE RETAIL
SCALE: 1 1/2" = 1'-0"


SHEET METAL COPING
SLOPE 1/2" / FT. MIN.
ROOF MEMBRANE UNDER FLASHING AND OVER EIFS AND CEMENT PANEL
2" MIN.
FIBER CEMENT PANEL, PER WALL SECTIONS
SHEET METAL COPING
3/8" RAINSCREEN
2" MIN.
T.O. CORNICE
4"
1/4" GAP BETWEEN FLASHING AND PANEL. DO NOT CAULK.
8
RUN ROOFING MEMBRANE BEHIND SIDING, LEAVE 4" EXPOSED FOR MAINTENANCE
8"
EIFS
ROOFING MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
8"
KERF
EIFS DRAINAGE ASSEMBLY, PER MANF RECOMMENDED DETAILS
EIFS SCRATCH COAT
4"
4"
BACKER ROD AND SEALANT
BRICK VENEER WALL ASSEMBLY PER WALL SECTIONS
CONT. XPS 60 PSI RIGID INSULATION (R30)
CONT. AIR/MOISTURE BARRIER OVER SHEATHING

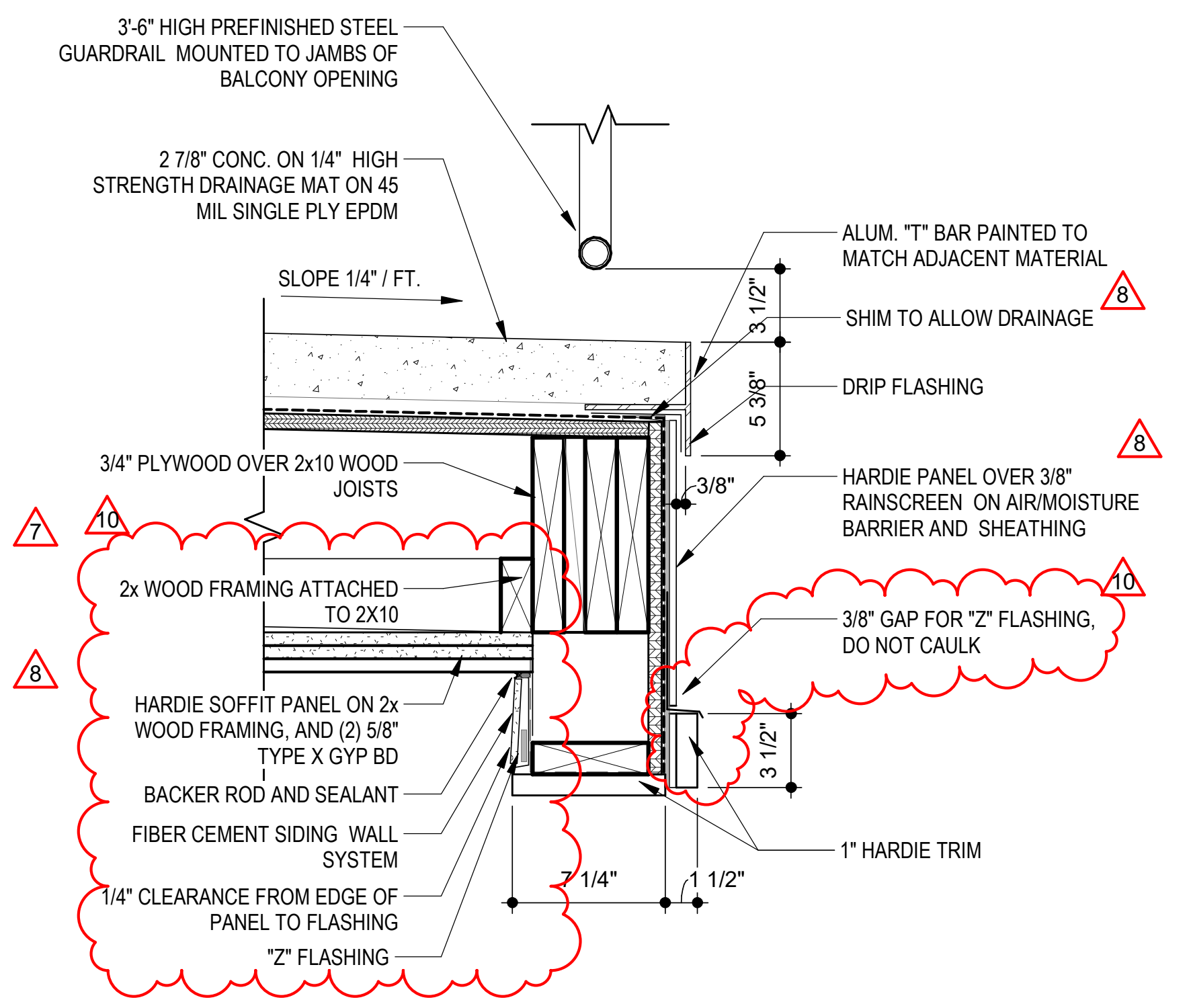
7 EIFS CORNICE DETAIL
SCALE: 1 1/2" = 1'-0"


BRICK VENEER WALL ASSEMBLY PER WALL SECTIONS
R19 BATT INSULATION
CONT. AIR/MOISTURE BARRIER OVER SHEATHING
5/8" GYP. BD. OVER 6" METAL STUDS
MORTAR NET
THRU-WALL FLASHING W/ WEEPS @ 16" O.C. RE SPECS.
GROUT SOLID BELOW FLASHING
1/2" COMPRESSIBLE FILLER W/ SEALANT
CONC. SLAB OVER COMPACTED GRANULAR FILL
CONCRETE SIDEWALK
8
WATERPROOFING TRANSITION

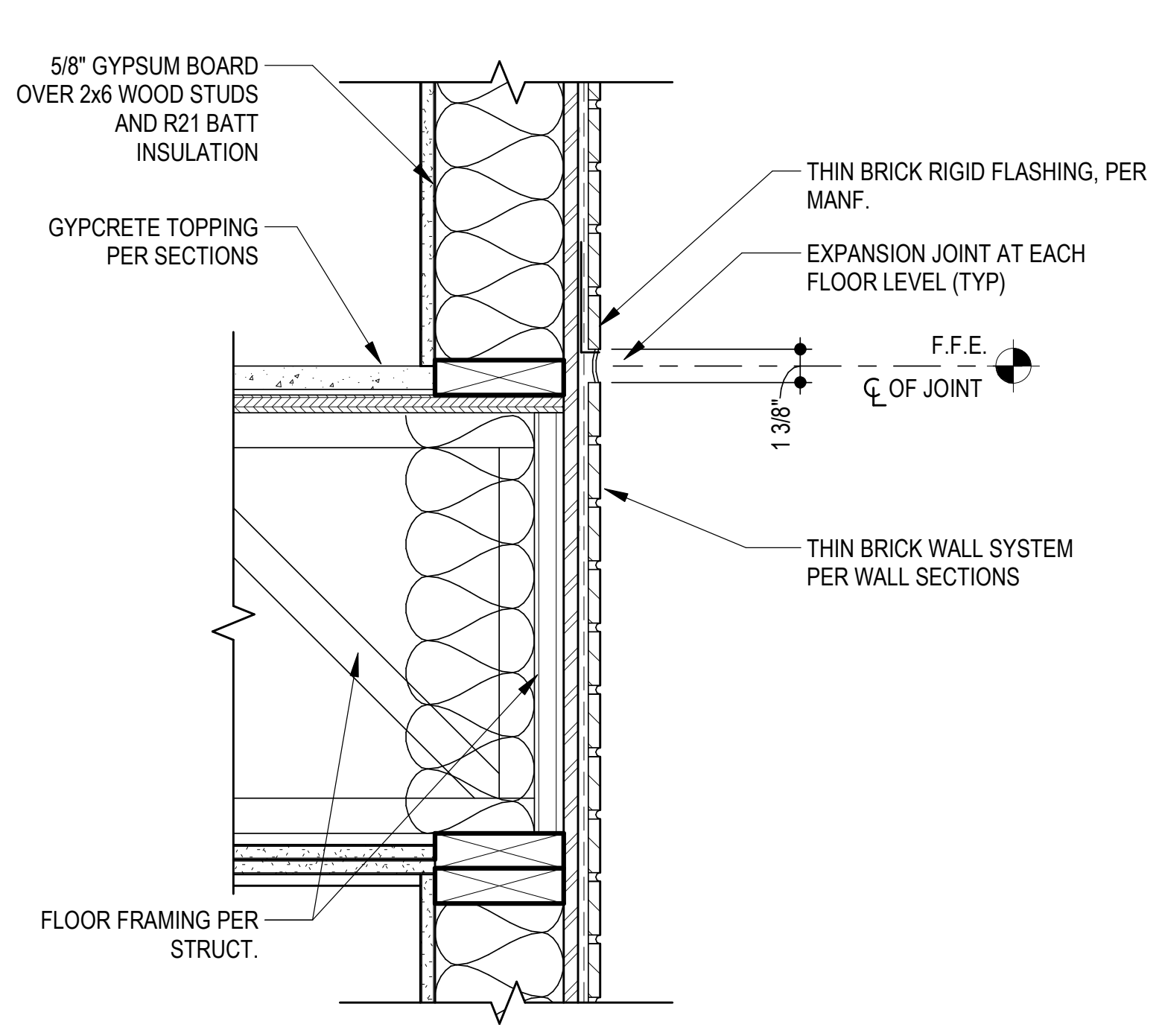
8 BRICK AT BASE OF WALL (SIM. AT GRADE)
SCALE: 1 1/2" = 1'-0"


RUN ROOFING MEMBRANE 12" MIN. VERTICALLY BEHIND EIFS. LEAVE 8" EXPOSED FOR MAINTENANCE
8
ROOFING MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
RUN ROOFING MEMBRANE OVER FRONT FRAMING
PRE-FINISHED TERMINATION BAR
ROOF JOISTS, RE: STRUCT.
8"
T.O. CORNICE
1" HARDIE TRIM
7 1/2"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN
8
1' - 8 1/4"
3/8" GAP FOR "Z" FLASHING, DO NOT CAULK
1" HARDIE TRIM
3 1/2"
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD.
10
BACKER ROD AND SEALANT
VARIES - RE: SECTIONS
2" EIFS WALL SYSTEM PER WALL SECTIONS

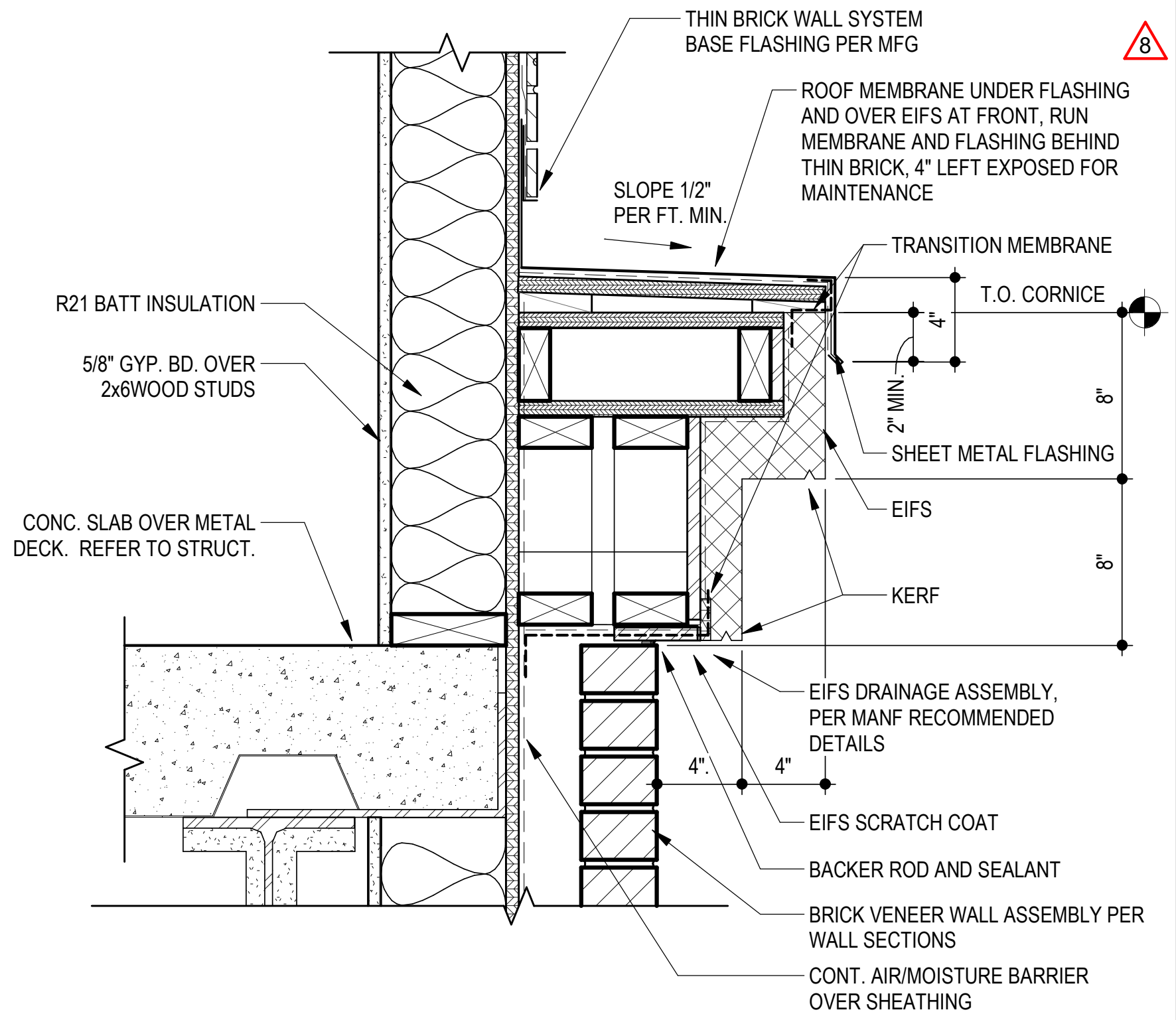
9 BALCONY ROOF DETAIL
SCALE: 1 1/2" = 1'-0"


3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
ALUM. "T" BAR PAINTED TO MATCH ADJACENT MATERIAL
SLOPE 1/4" / FT.
SHIM TO ALLOW DRAINAGE
8
3 1/2"
DRIP FLASHING
5 3/8"
3/4" PLYWOOD OVER 2x10 WOOD JOISTS
3/8"
HARDIE PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
8
7
10
2x WOOD FRAMING ATTACHED TO 2X10
10
3/8" GAP FOR "Z" FLASHING, DO NOT CAULK
8
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
3 1/2"
BACKER ROD AND SEALANT
FIBER CEMENT SIDING WALL SYSTEM
1" HARDIE TRIM
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
7 1/4"
1 1/2"
"Z" FLASHING

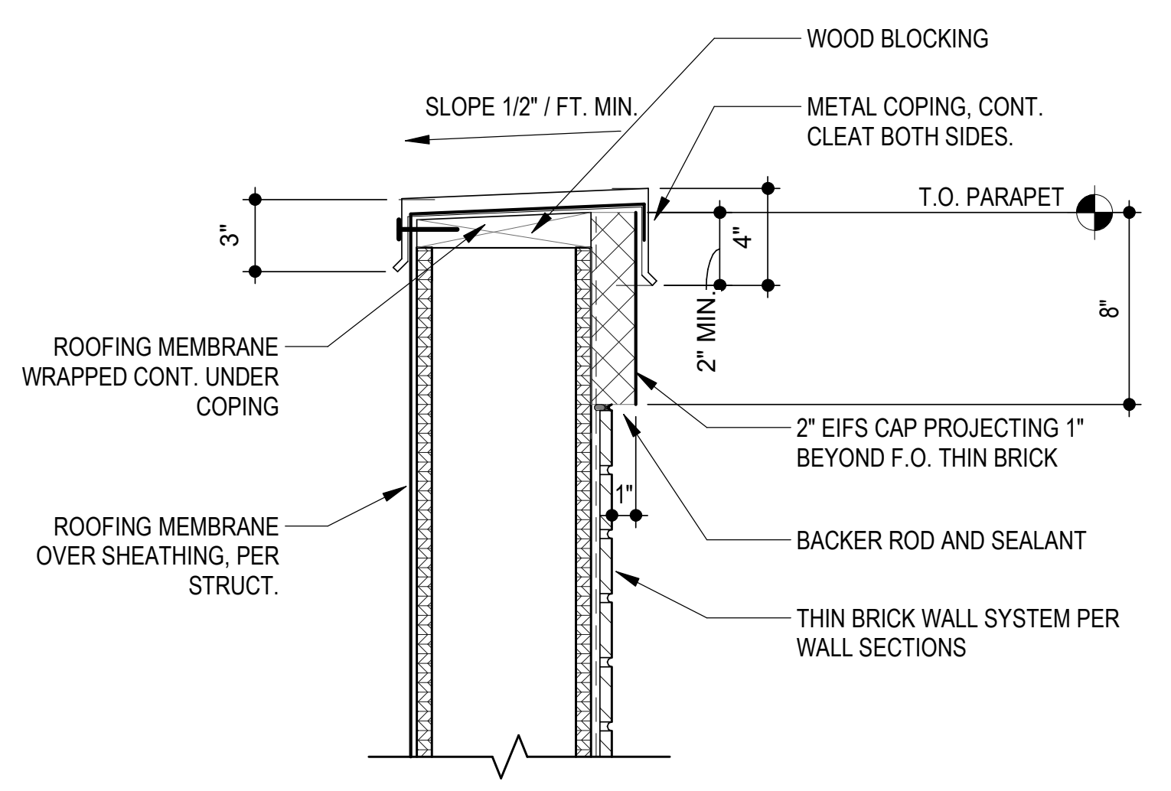
10 BALCONY SLAB DETAIL
SCALE: 1 1/2" = 1'-0"


5/8" GYPSUM BOARD OVER 2x6 WOOD STUDS AND R21 BATT INSULATION
THIN BRICK RIGID FLASHING, PER MANF.
GYPCRETE TOPPING PER SECTIONS
EXPANSION JOINT AT EACH FLOOR LEVEL (TYP)
F.F.E.
℄ OF JOINT
1 3/8"
THIN BRICK WALL SYSTEM PER WALL SECTIONS
FLOOR FRAMING PER STRUCT.

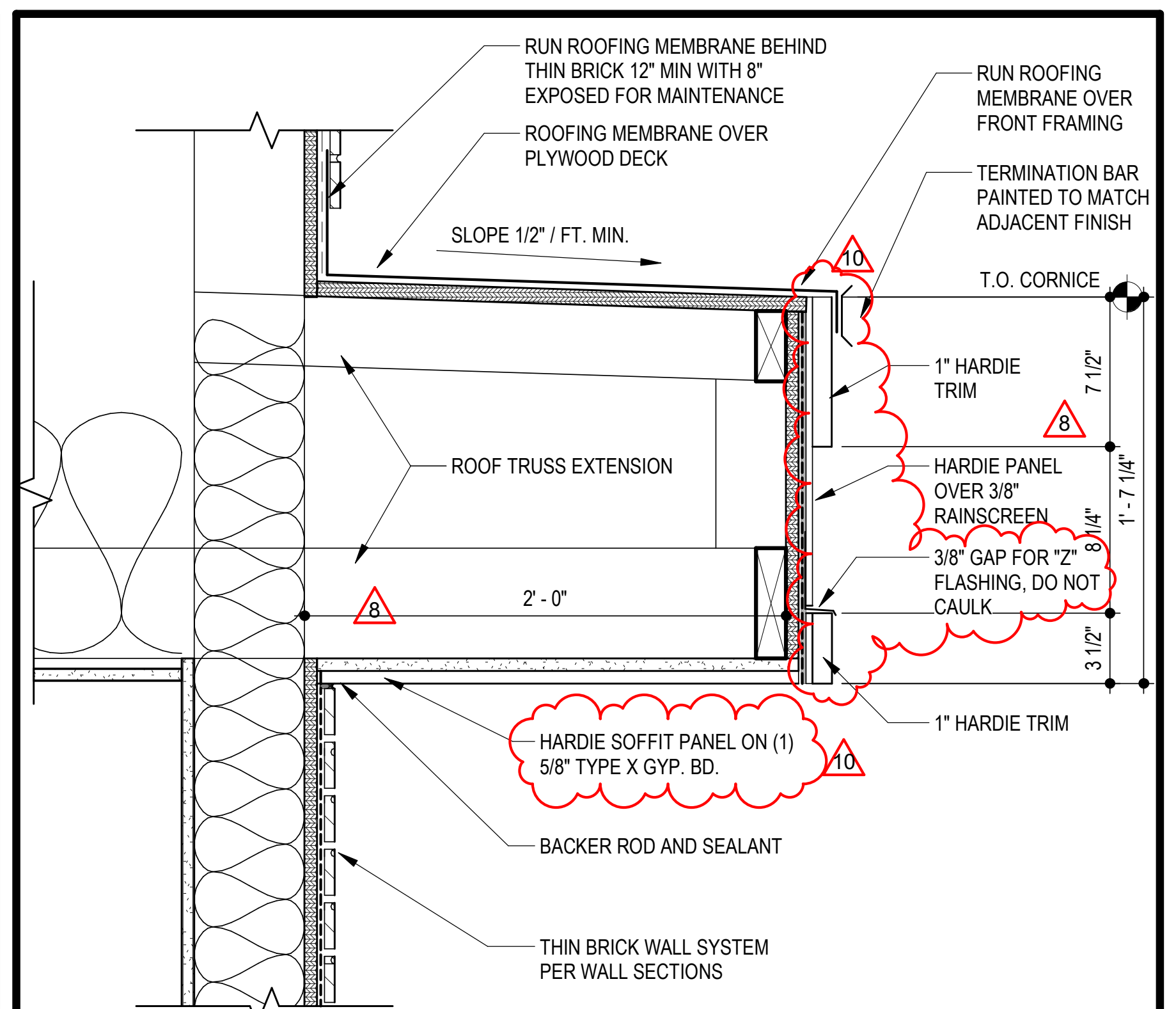
11 THIN BRICK EXPANSION JOINT
SCALE: 1 1/2" = 1'-0"


THIN BRICK WALL SYSTEM BASE FLASHING PER MFG
8
ROOF MEMBRANE UNDER FLASHING AND OVER EIFS AT FRONT, RUN MEMBRANE AND FLASHING BEHIND THIN BRICK, 4" LEFT EXPOSED FOR MAINTENANCE
SLOPE 1/2" PER FT. MIN.
TRANSITION MEMBRANE
R21 BATT INSULATION
T.O. CORNICE
4"
5/8" GYP. BD. OVER 2x6WOOD STUDS
2" MIN.
SHEET METAL FLASHING
8"
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.
EIFS
8"
KERF
EIFS DRAINAGE ASSEMBLY, PER MANF RECOMMENDED DETAILS
4"
4"
EIFS SCRATCH COAT
BACKER ROD AND SEALANT
BRICK VENEER WALL ASSEMBLY PER WALL SECTIONS
CONT. AIR/MOISTURE BARRIER OVER SHEATHING

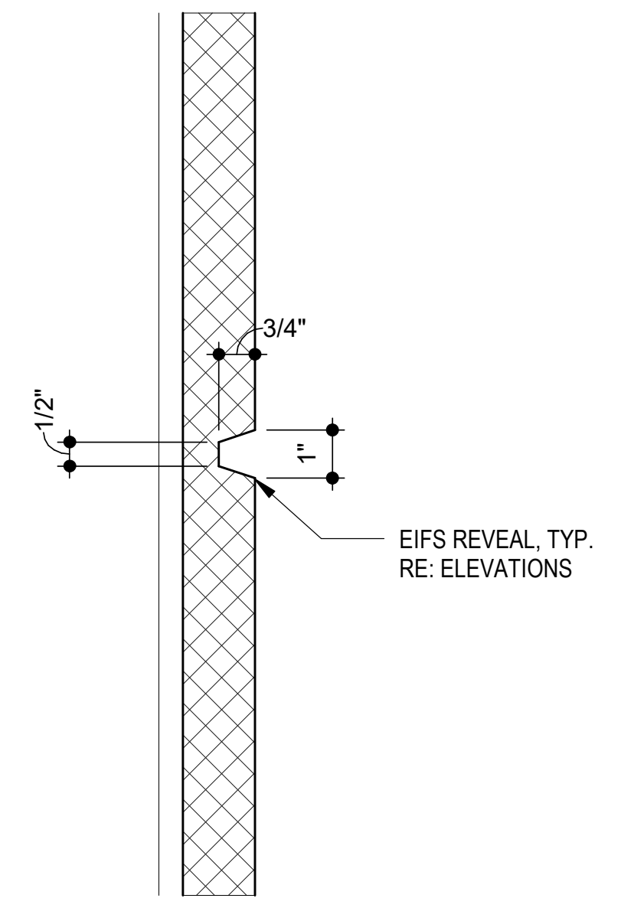
12 EIFS CORNICE AT THIN BRICK/BRICK
SCALE: 1 1/2" = 1'-0"


WOOD BLOCKING
SLOPE 1/2" / FT. MIN.
METAL COPING, CONT. CLEAT BOTH SIDES.
T.O. PARAPET
3"
4"
8"
2" MIN.
ROOFING MEMBRANE WRAPPED CONT. UNDER COPING
2" EIFS CAP PROJECTING 1" BEYOND F.O. THIN BRICK
1"
ROOFING MEMBRANE OVER SHEATHING, PER STRUCT.
BACKER ROD AND SEALANT
THIN BRICK WALL SYSTEM PER WALL SECTIONS

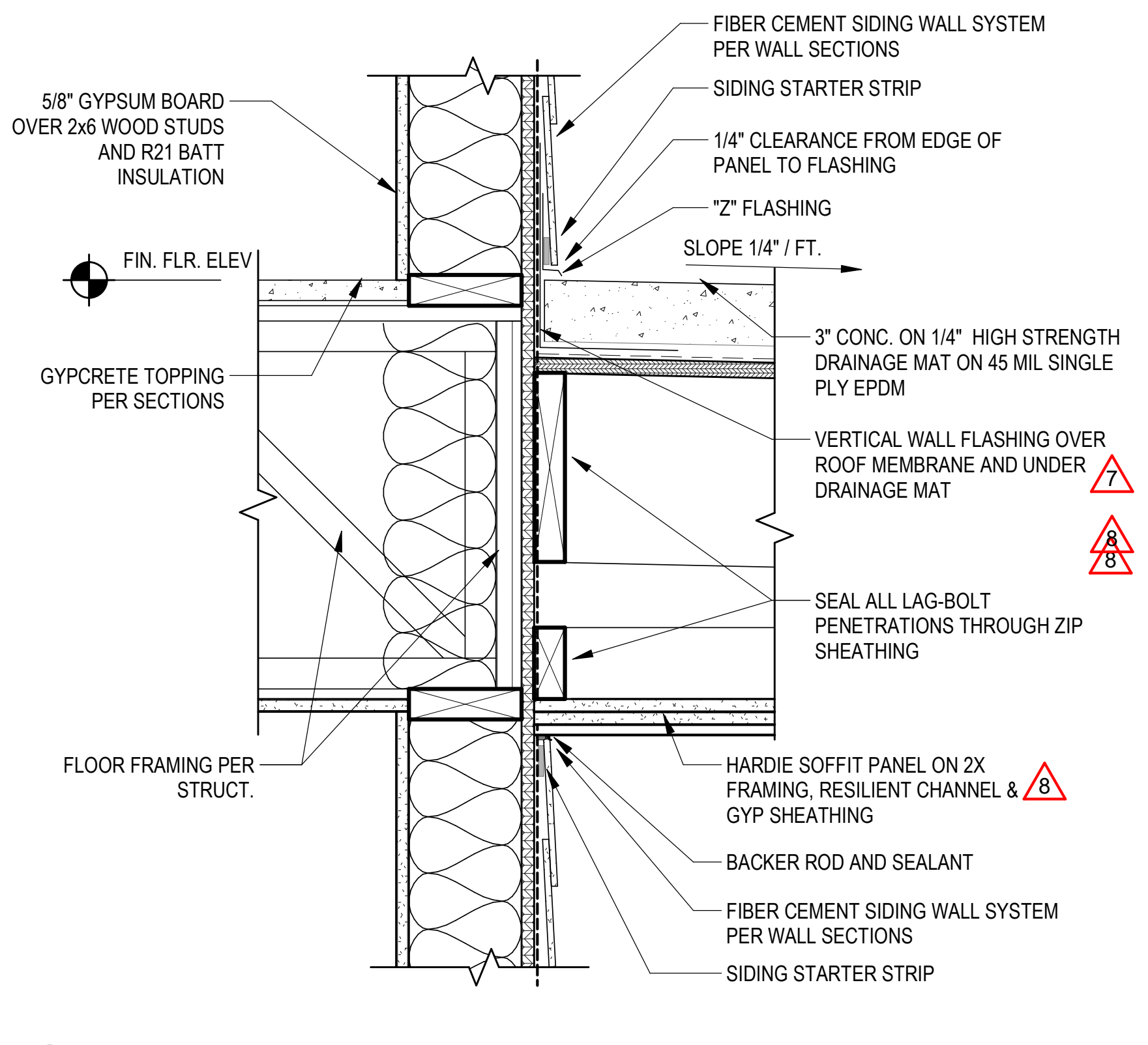
13 COPING AT THIN BRICK
SCALE: 1 1/2" = 1'-0"


RUN ROOFING MEMBRANE BEHIND THIN BRICK 12" MIN WITH 8" EXPOSED FOR MAINTENANCE
RUN ROOFING MEMBRANE OVER FRONT FRAMING
ROOFING MEMBRANE OVER PLYWOOD DECK
TERMINATION BAR PAINTED TO MATCH ADJACENT FINISH
SLOPE 1/2" / FT. MIN.
10
T.O. CORNICE
1" HARDIE TRIM
7 1/2"
8
ROOF TRUSS EXTENSION
HARDIE PANEL OVER 3/8" RAINSCREEN
1' - 7 1/4"
8 1/4"
3/8" GAP FOR "Z" FLASHING, DO NOT CAULK
8
2' - 0"
3 1/2"
1" HARDIE TRIM
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD.
10
BACKER ROD AND SEALANT
THIN BRICK WALL SYSTEM PER WALL SECTIONS

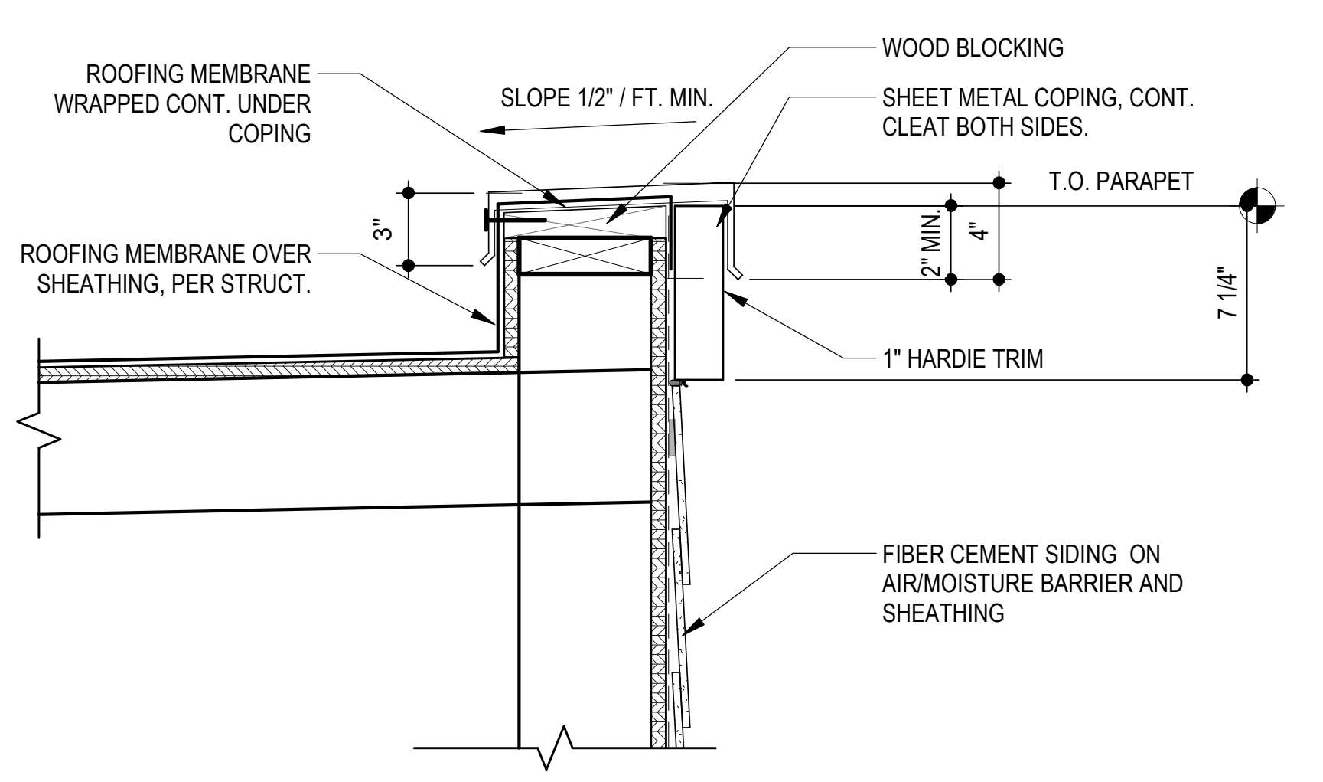
14 CORNICE DETAIL
SCALE: 1 1/2" = 1'-0"



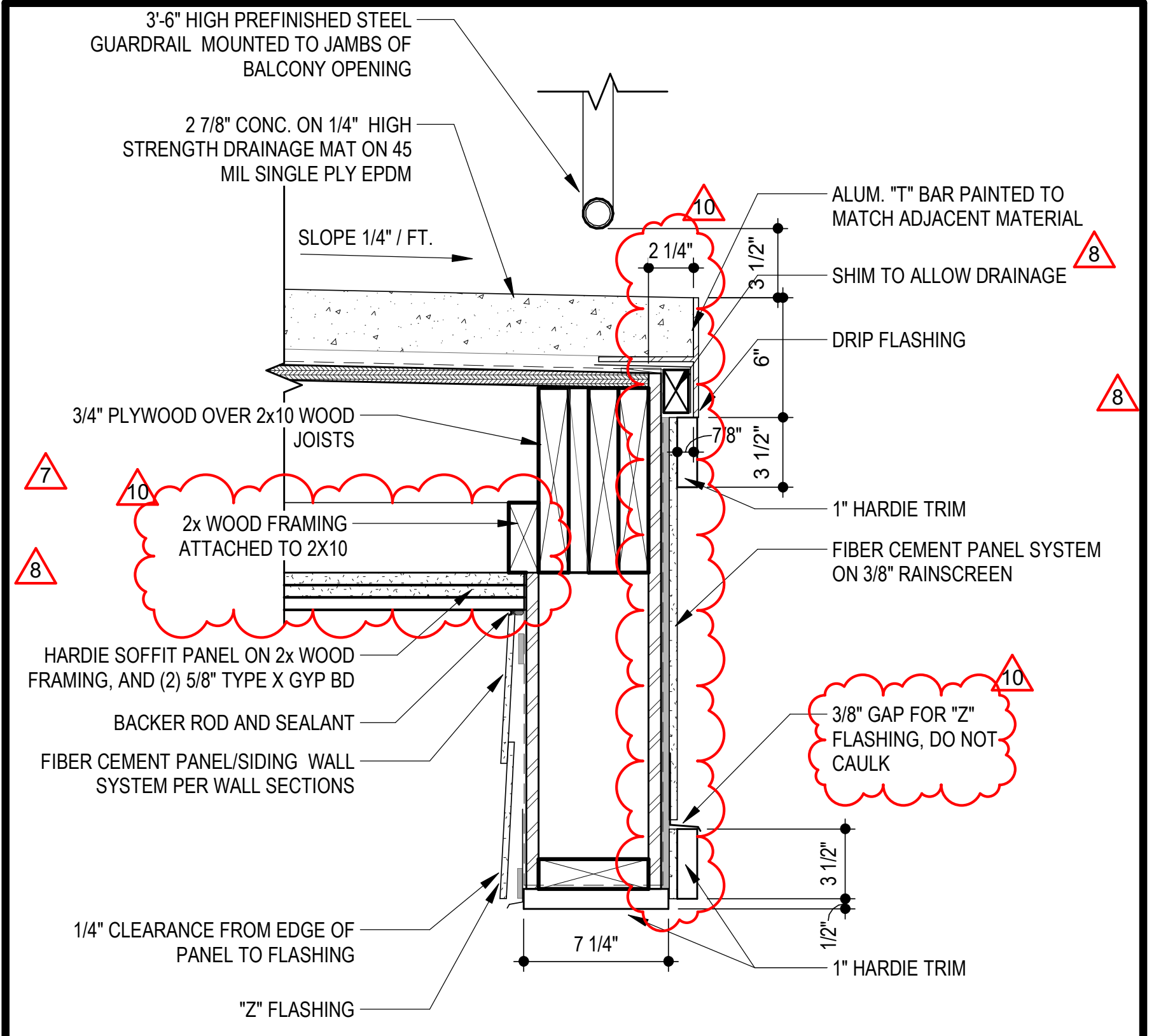
15 TYPICAL EIFS REVEAL
SCALE: 3" = 1'-0"


FIBER CEMENT SIDING WALL SYSTEM PER WALL SECTIONS
5/8" GYPSUM BOARD OVER 2x6 WOOD STUDS AND R21 BATT INSULATION
SIDING STARTER STRIP
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
FIN. FLR. ELEV
SLOPE 1/4" / FT.
GYPCRETE TOPPING PER SECTIONS
3" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
VERTICAL WALL FLASHING OVER ROOF MEMBRANE AND UNDER DRAINAGE MAT
7
8
8
SEAL ALL LAG-BOLT PENETRATIONS THROUGH ZIP SHEATHING
FLOOR FRAMING PER STRUCT.
HARDIE SOFFIT PANEL ON 2X FRAMING, RESILIENT CHANNEL & GYP SHEATHING
8
BACKER ROD AND SEALANT
FIBER CEMENT SIDING WALL SYSTEM PER WALL SECTIONS
SIDING STARTER STRIP

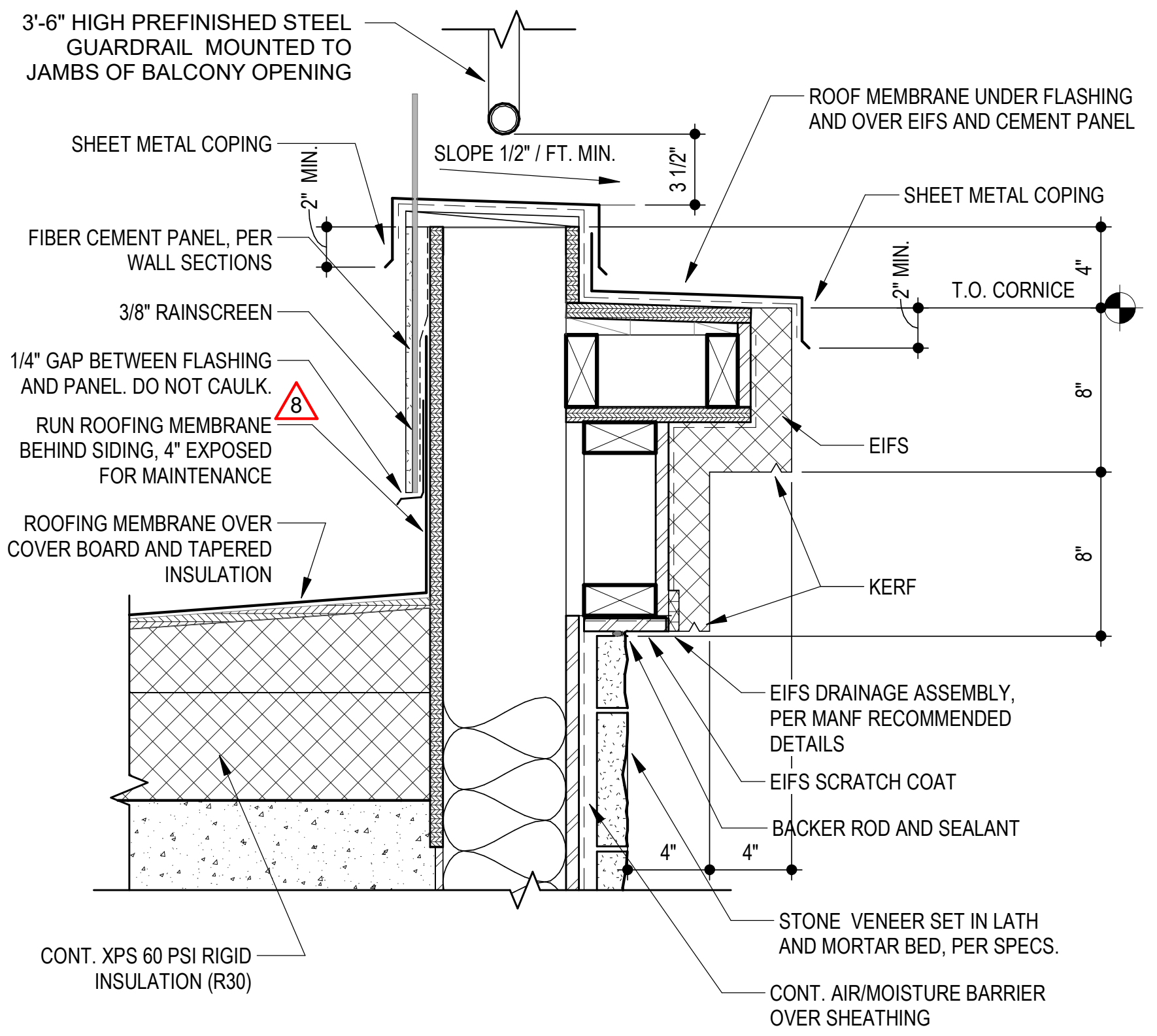
16 BALCONY DETAIL AT WALL
SCALE: 1 1/2" = 1'-0"


WOOD BLOCKING
ROOFING MEMBRANE WRAPPED CONT. UNDER COPING
SLOPE 1/2" / FT. MIN.
SHEET METAL COPING, CONT. CLEAT BOTH SIDES.
T.O. PARAPET
3"
2" MIN.
4"
ROOFING MEMBRANE OVER SHEATHING, PER STRUCT.
7 1/4"
1" HARDIE TRIM
FIBER CEMENT SIDING ON AIR/MOISTURE BARRIER AND SHEATHING

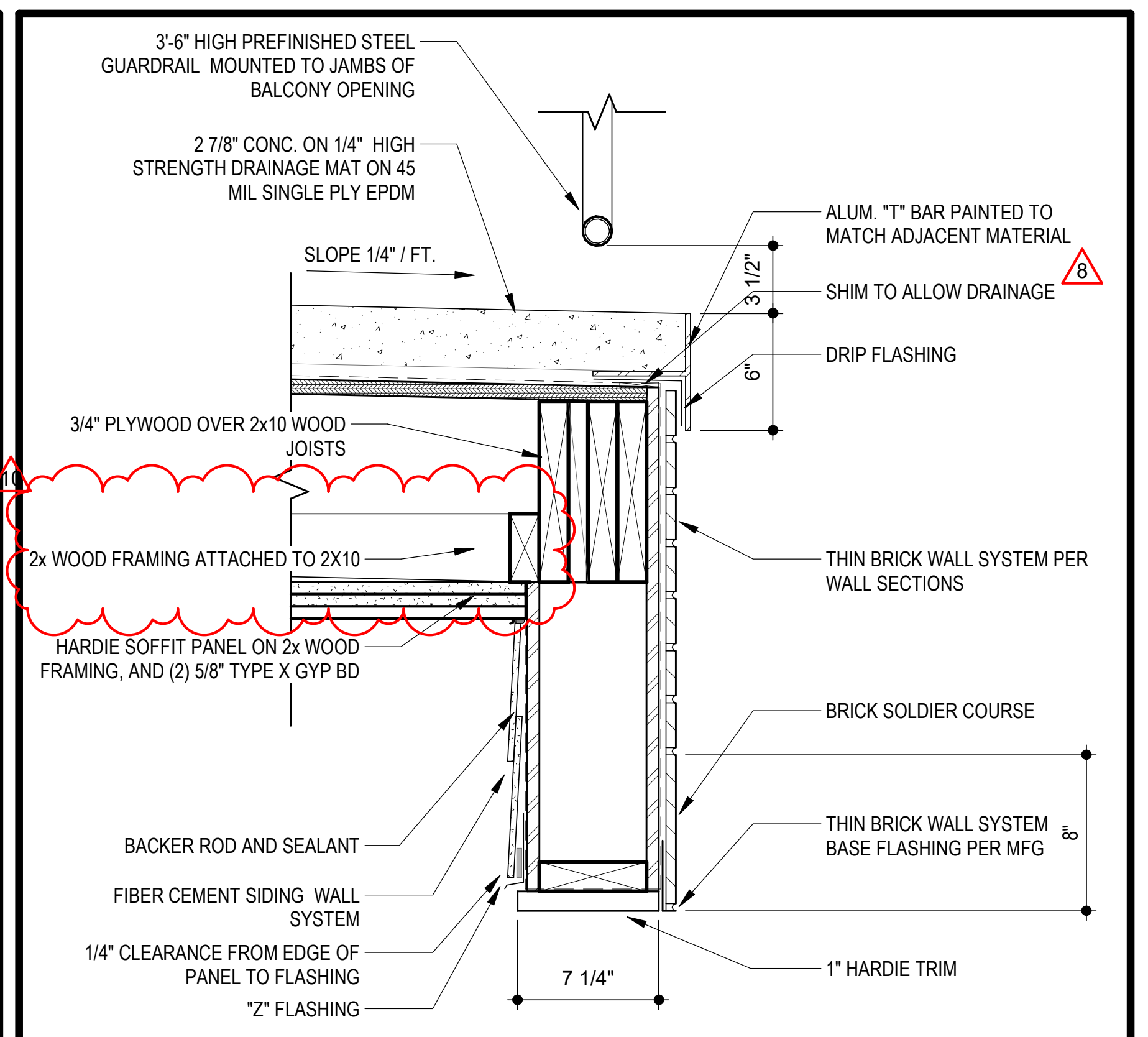
17 COPING AT F.C. SIDING (F.C. PANEL SIM.)
SCALE: 1 1/2" = 1'-0"


3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
10
ALUM. "T" BAR PAINTED TO MATCH ADJACENT MATERIAL
SLOPE 1/4" / FT.
2 1/4"
3 1/2"
SHIM TO ALLOW DRAINAGE
8
DRIP FLASHING
6"
8
3/4" PLYWOOD OVER 2x10 WOOD JOISTS
7/8"
3 1/2"
7
10
1" HARDIE TRIM
2x WOOD FRAMING ATTACHED TO 2X10
8
FIBER CEMENT PANEL SYSTEM ON 3/8" RAINSCREEN
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
BACKER ROD AND SEALANT
10
3/8" GAP FOR "Z" FLASHING, DO NOT CAULK
FIBER CEMENT PANEL/SIDING WALL SYSTEM PER WALL SECTIONS
3 1/2"
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
7 1/4"
1/2"
1" HARDIE TRIM
"Z" FLASHING

18 BALCONY SLAB AT FIBER CEMENT PANEL/SIDING
SCALE: 1 1/2" = 1'-0"


3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
ROOF MEMBRANE UNDER FLASHING AND OVER EIFS AND CEMENT PANEL
SHEET METAL COPING
SLOPE 1/2" / FT. MIN.
3 1/2"
2" MIN.
SHEET METAL COPING
FIBER CEMENT PANEL, PER WALL SECTIONS
2" MIN.
T.O. CORNICE
4"
3/8" RAINSCREEN
1/4" GAP BETWEEN FLASHING AND PANEL. DO NOT CAULK.
8
8"
RUN ROOFING MEMBRANE BEHIND SIDING, 4" EXPOSED FOR MAINTENANCE
EIFS
ROOFING MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
8"
KERF
EIFS DRAINAGE ASSEMBLY, PER MANF RECOMMENDED DETAILS
EIFS SCRATCH COAT
BACKER ROD AND SEALANT
4"
4"
STONE VENEER SET IN LATH AND MORTAR BED, PER SPECS.
CONT. XPS 60 PSI RIGID INSULATION (R30)
CONT. AIR/MOISTURE BARRIER OVER SHEATHING

19 EIFS CORNICE AT STONE
SCALE: 1 1/2" = 1'-0"


3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
2 7/8" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
ALUM. "T" BAR PAINTED TO MATCH ADJACENT MATERIAL
SLOPE 1/4" / FT.
3 1/2"
SHIM TO ALLOW DRAINAGE
8
DRIP FLASHING
6"
3/4" PLYWOOD OVER 2x10 WOOD JOISTS
10
2x WOOD FRAMING ATTACHED TO 2X10
THIN BRICK WALL SYSTEM PER WALL SECTIONS
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
BRICK SOLDIER COURSE
THIN BRICK WALL SYSTEM BASE FLASHING PER MFG
8"
BACKER ROD AND SEALANT
FIBER CEMENT SIDING WALL SYSTEM
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
7 1/4"
1" HARDIE TRIM
"Z" FLASHING

20 BALCONY SLAB DETAIL AT THIN BRICK
SCALE: 1 1/2" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl
COMPANIES

Summit at West Pryor

940 NW Pryor Road
Lee's Summit, Missouri 64081

TR,i ARCHITECTS

TR,i Architects
9812 Manchester Road
St. Louis, Missouri 63119
T: 314-395-9750
F: 314-395-9751
www.triarchitects.com

DATE: 7.29.19

REVISIONS #

#	REVISION	DATE
	SHELL PACKAGE	7.29.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

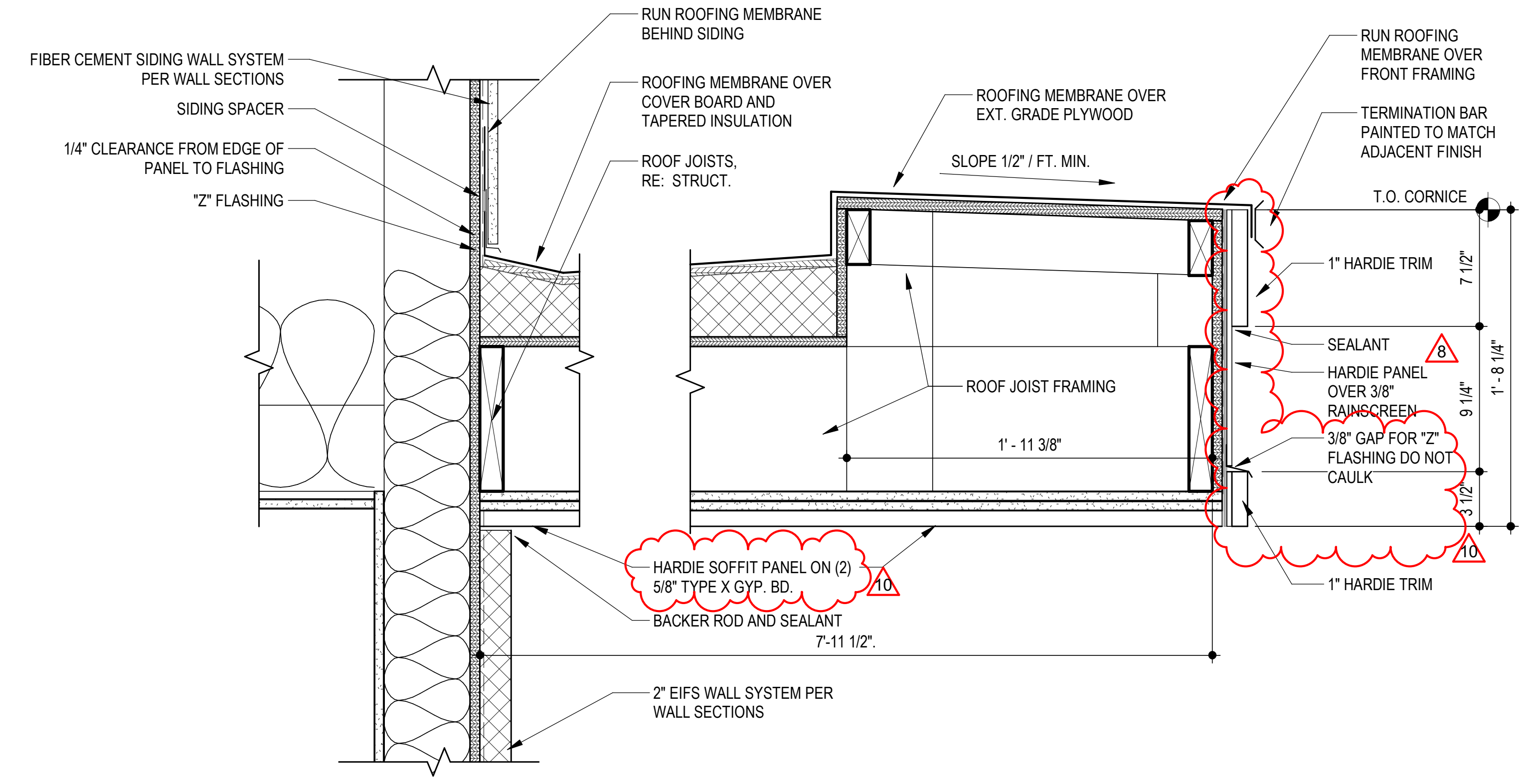
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

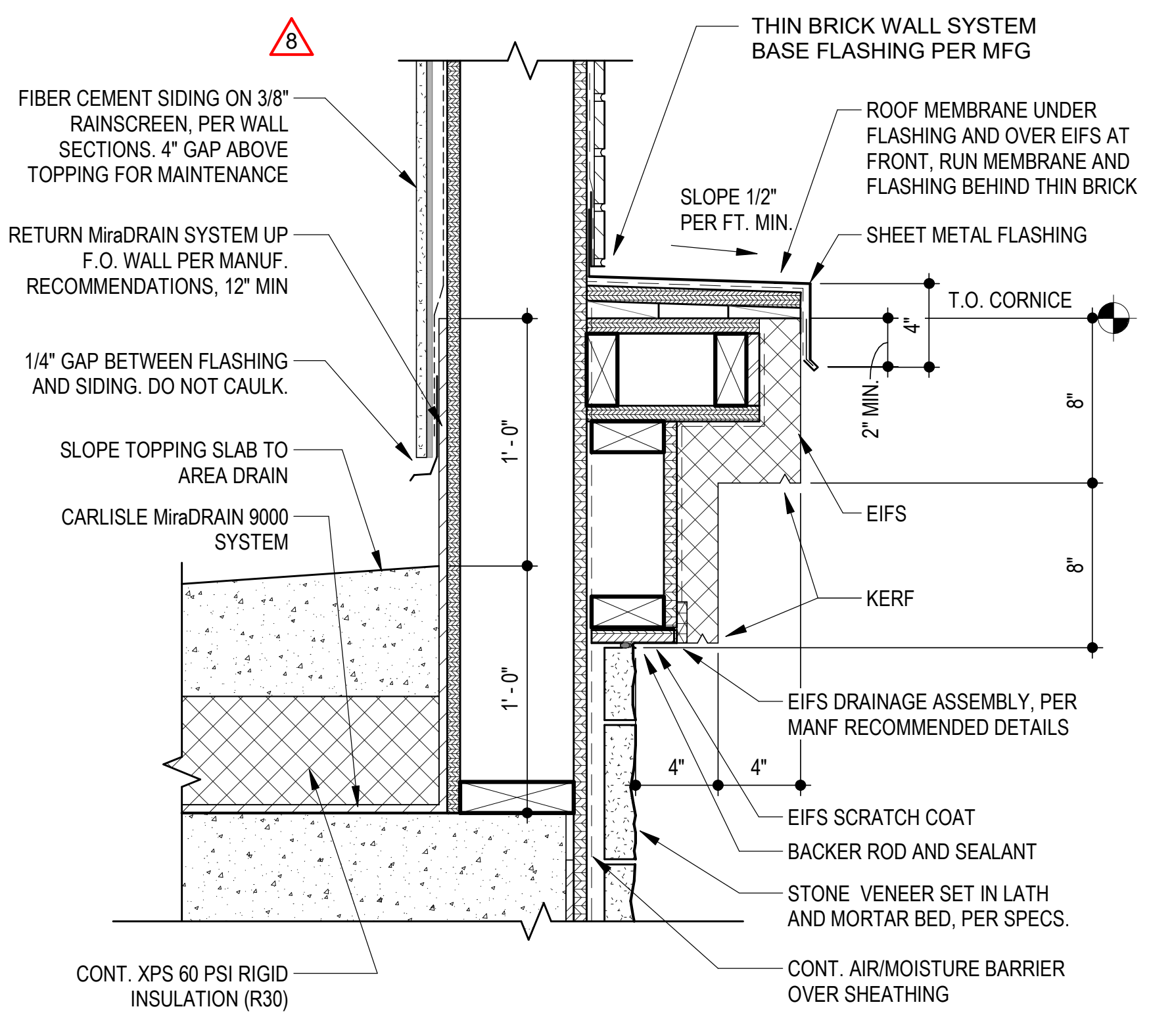
A320

SECTION DETAILS


FIBER CEMENT SIDING WALL SYSTEM PER WALL SECTIONS
SIDING SPACER
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
RUN ROOFING MEMBRANE BEHIND SIDING
ROOFING MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
ROOF JOISTS, RE: STRUCT.
ROOFING MEMBRANE OVER EXT. GRADE PLYWOOD
SLOPE 1/2" / FT. MIN.
RUN ROOFING MEMBRANE OVER FRONT FRAMING
TERMINATION BAR PAINTED TO MATCH ADJACENT FINISH
T.O. CORNICE
1" HARDIE TRIM
SEALANT
8
HARDIE PANEL OVER 3/8" RAINSCREEN
3/8" GAP FOR "Z" FLASHING DO NOT CAULK
ROOF JOIST FRAMING
1' - 11 3/8"
7 1/2"
9 1/4"
1' - 8 1/4"
3 1/2"
10
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD.
10
BACKER ROD AND SEALANT
7'-11 1/2".
1" HARDIE TRIM
2" EIFS WALL SYSTEM PER WALL SECTIONS

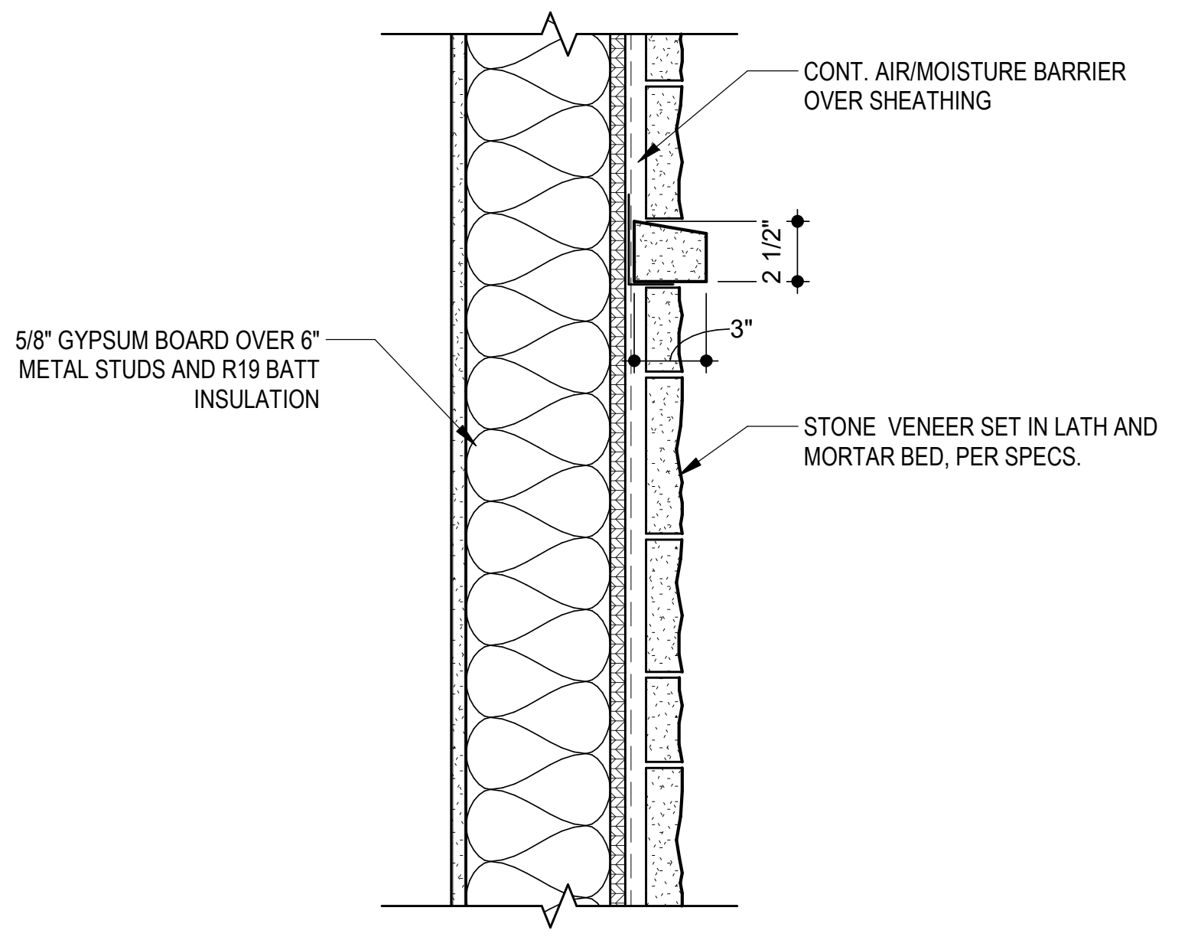
1 BALCONY ROOF DETAIL

SCALE: 1 1/2" = 1'-0"


8
FIBER CEMENT SIDING ON 3/8" RAINSCREEN, PER WALL SECTIONS. 4" GAP ABOVE TOPPING FOR MAINTENANCE
RETURN MiraDRAIN SYSTEM UP F.O. WALL PER MANUF. RECOMMENDATIONS, 12" MIN
1/4" GAP BETWEEN FLASHING AND SIDING. DO NOT CAULK.
SLOPE TOPPING SLAB TO AREA DRAIN
CARLISLE MiraDRAIN 9000 SYSTEM
CONT. XPS 60 PSI RIGID INSULATION (R30)
THIN BRICK WALL SYSTEM BASE FLASHING PER MFG
ROOF MEMBRANE UNDER FLASHING AND OVER EIFS AT FRONT, RUN MEMBRANE AND FLASHING BEHIND THIN BRICK
SLOPE 1/2" PER FT. MIN.
SHEET METAL FLASHING
T.O. CORNICE
4"
2" MIN.
8"
8"
1' - 0"
1' - 0"
EIFS
KERF
EIFS DRAINAGE ASSEMBLY, PER MANF RECOMMENDED DETAILS
4"
4"
EIFS SCRATCH COAT
BACKER ROD AND SEALANT
STONE VENEER SET IN LATH AND MORTAR BED, PER SPECS.
CONT. AIR/MOISTURE BARRIER OVER SHEATHING

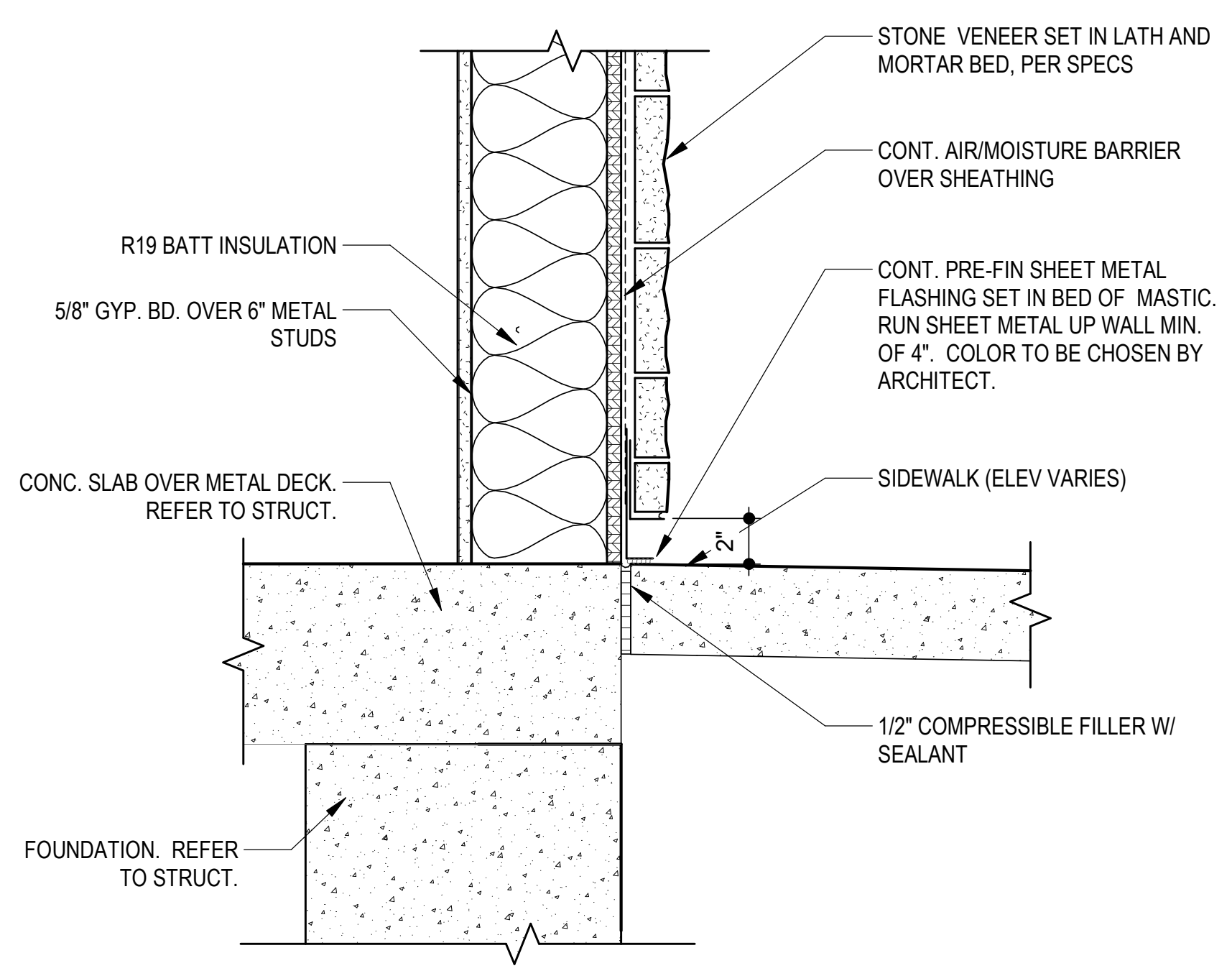
2 EIFS CORNICE AT THIN BRICK/STONE

SCALE: 1 1/2" = 1'-0"


CONT. AIR/MOISTURE BARRIER OVER SHEATHING
2 1/2"
3"
5/8" GYPSUM BOARD OVER 6" METAL STUDS AND R19 BATT INSULATION
STONE VENEER SET IN LATH AND MORTAR BED, PER SPECS.

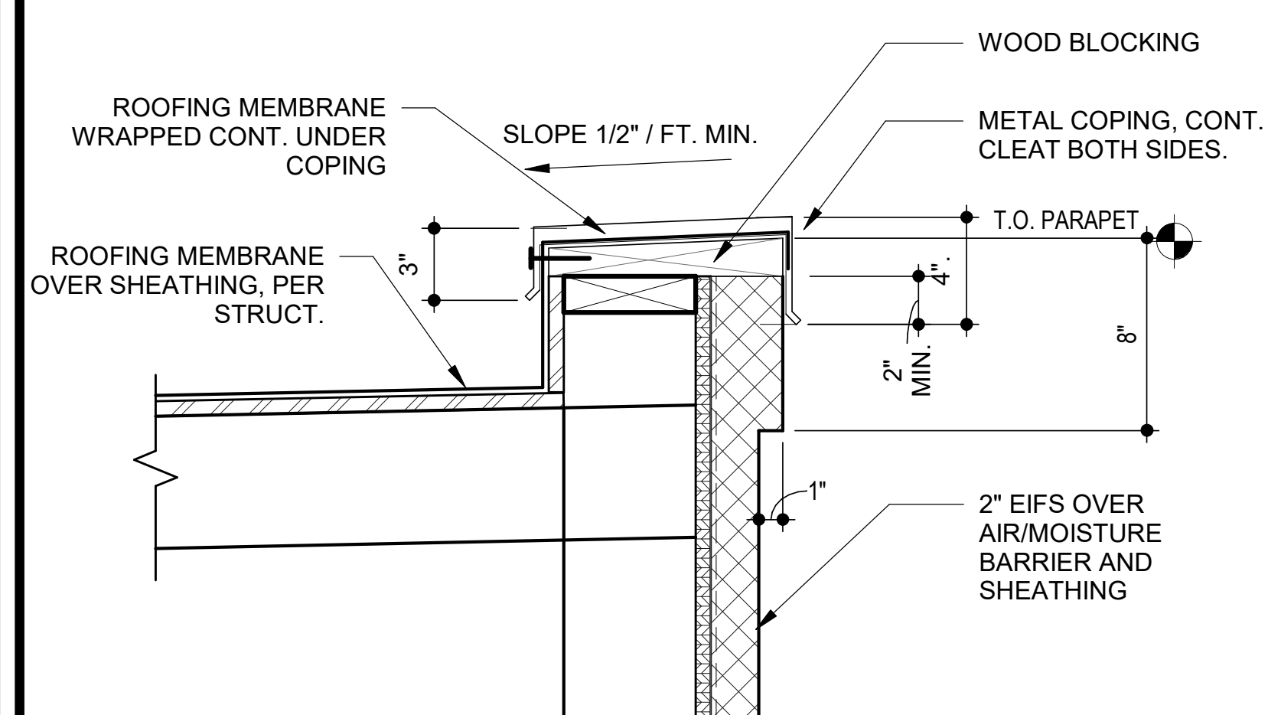
3 STONE TRANSITION DETAIL

SCALE: 1 1/2" = 1'-0"


STONE VENEER SET IN LATH AND MORTAR BED, PER SPECS
CONT. AIR/MOISTURE BARRIER OVER SHEATHING
R19 BATT INSULATION
5/8" GYP. BD. OVER 6" METAL STUDS
CONT. PRE-FIN SHEET METAL FLASHING SET IN BED OF MASTIC. RUN SHEET METAL UP WALL MIN. OF 4". COLOR TO BE CHOSEN BY ARCHITECT.
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.
SIDEWALK (ELEV VARIES)
2"
1/2" COMPRESSIBLE FILLER W/ SEALANT
FOUNDATION. REFER TO STRUCT.

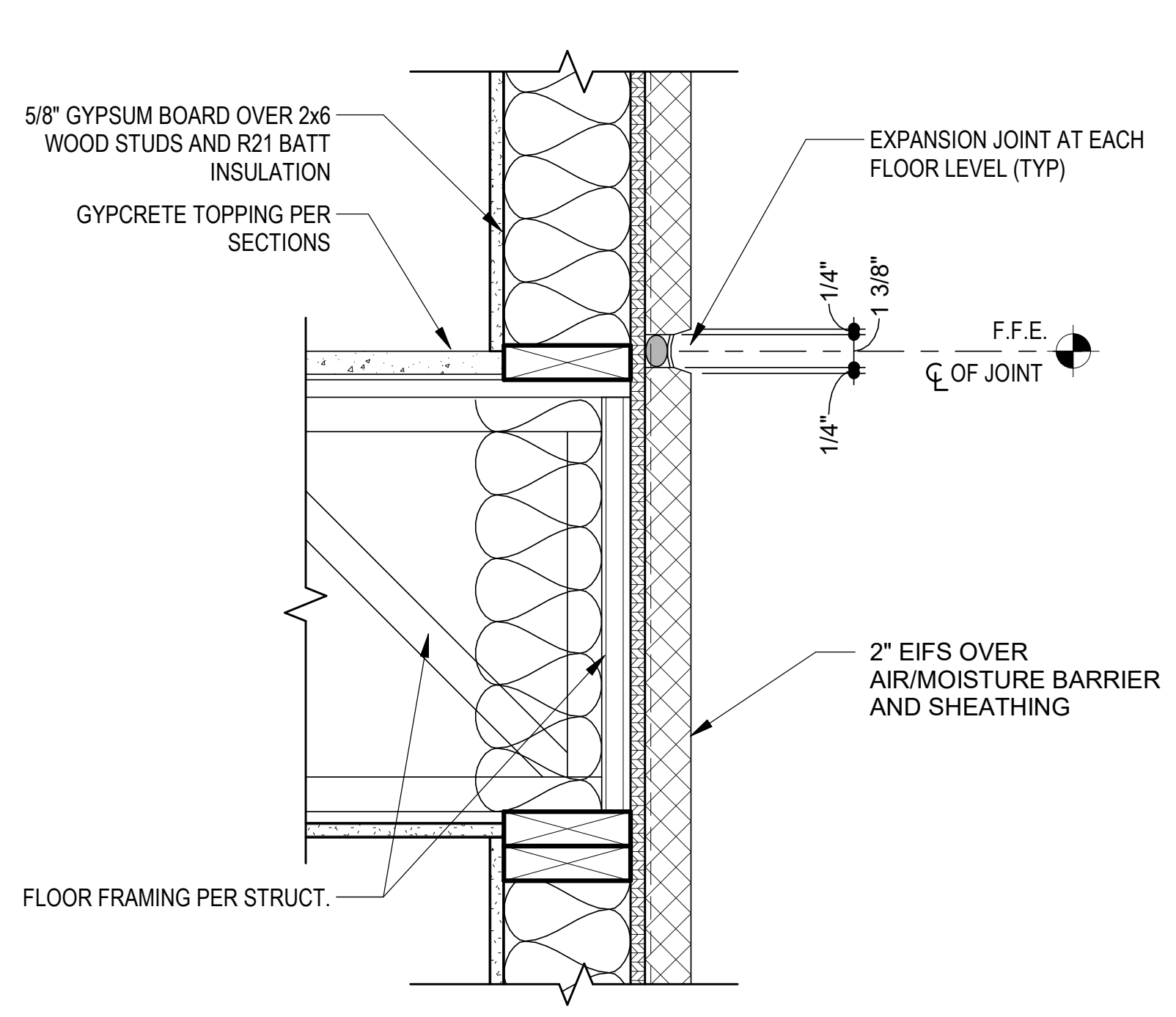
4 STONE VENEER AT BASE OF WALL

SCALE: 1 1/2" = 1'-0"


ROOFING MEMBRANE WRAPPED CONT. UNDER COPING
ROOFING MEMBRANE OVER SHEATHING, PER STRUCT.
SLOPE 1/2" / FT. MIN.
WOOD BLOCKING
METAL COPING, CONT. CLEAT BOTH SIDES.
T.O. PARAPET
3"
4"
2" MIN.
8"
1"
2" EIFS OVER AIR/MOISTURE BARRIER AND SHEATHING

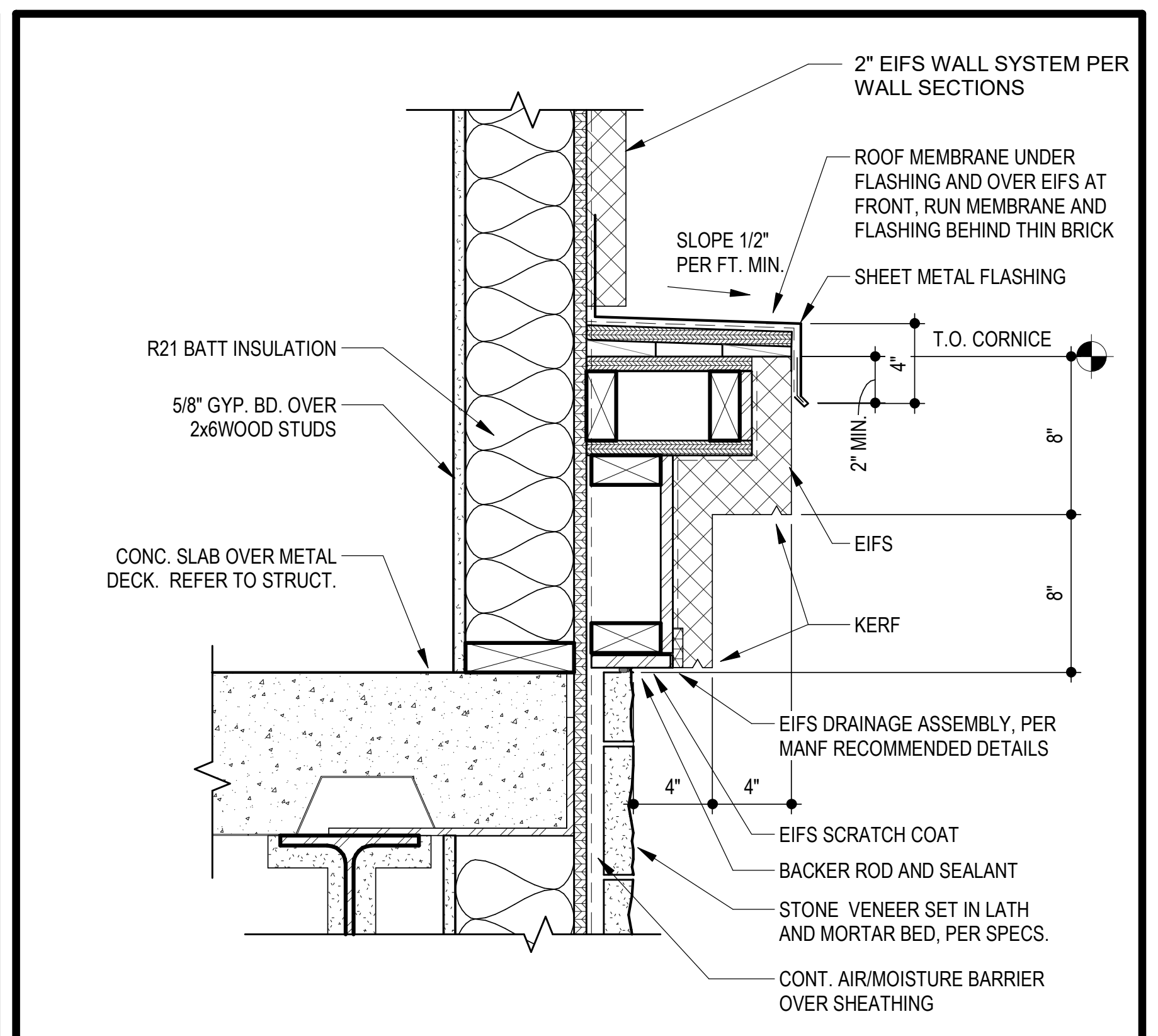
6 COPING AT EIFS

SCALE: 1 1/2" = 1'-0"


5/8" GYPSUM BOARD OVER 2x6 WOOD STUDS AND R21 BATT INSULATION
GYPCRETE TOPPING PER SECTIONS
EXPANSION JOINT AT EACH FLOOR LEVEL (TYP)
1/4"
1 3/8"
1/4"
F.F.E.
℄ OF JOINT
2" EIFS OVER AIR/MOISTURE BARRIER AND SHEATHING
FLOOR FRAMING PER STRUCT.

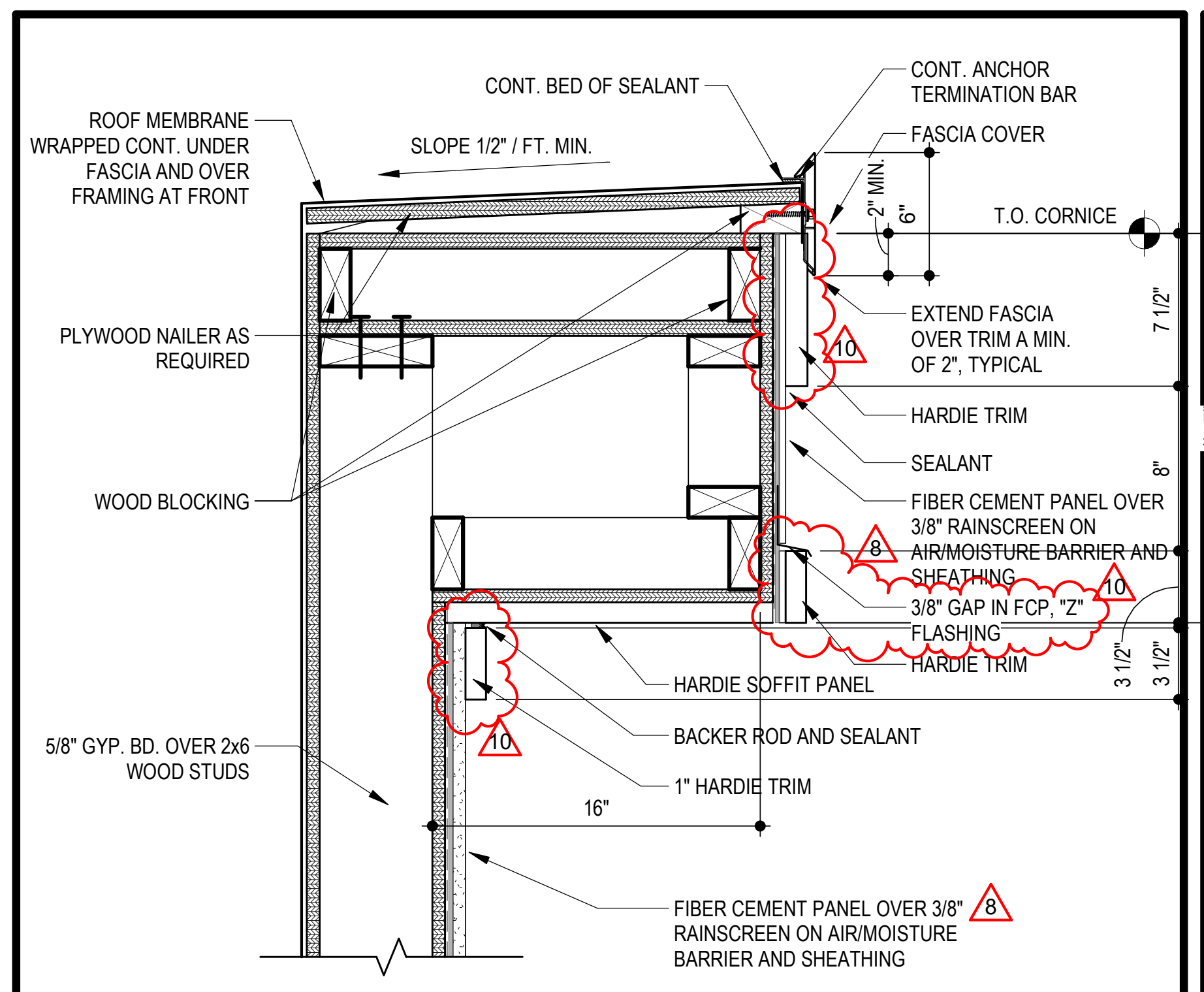
7 EIFS EXPANSION JOINT

SCALE: 1 1/2" = 1'-0"


2" EIFS WALL SYSTEM PER WALL SECTIONS
ROOF MEMBRANE UNDER FLASHING AND OVER EIFS AT FRONT, RUN MEMBRANE AND FLASHING BEHIND THIN BRICK
SLOPE 1/2" PER FT. MIN.
SHEET METAL FLASHING
T.O. CORNICE
4"
2" MIN.
8"
8"
R21 BATT INSULATION
5/8" GYP. BD. OVER 2x6WOOD STUDS
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.
EIFS
KERF
EIFS DRAINAGE ASSEMBLY, PER MANF RECOMMENDED DETAILS
4"
4"
EIFS SCRATCH COAT
BACKER ROD AND SEALANT
STONE VENEER SET IN LATH AND MORTAR BED, PER SPECS.
CONT. AIR/MOISTURE BARRIER OVER SHEATHING

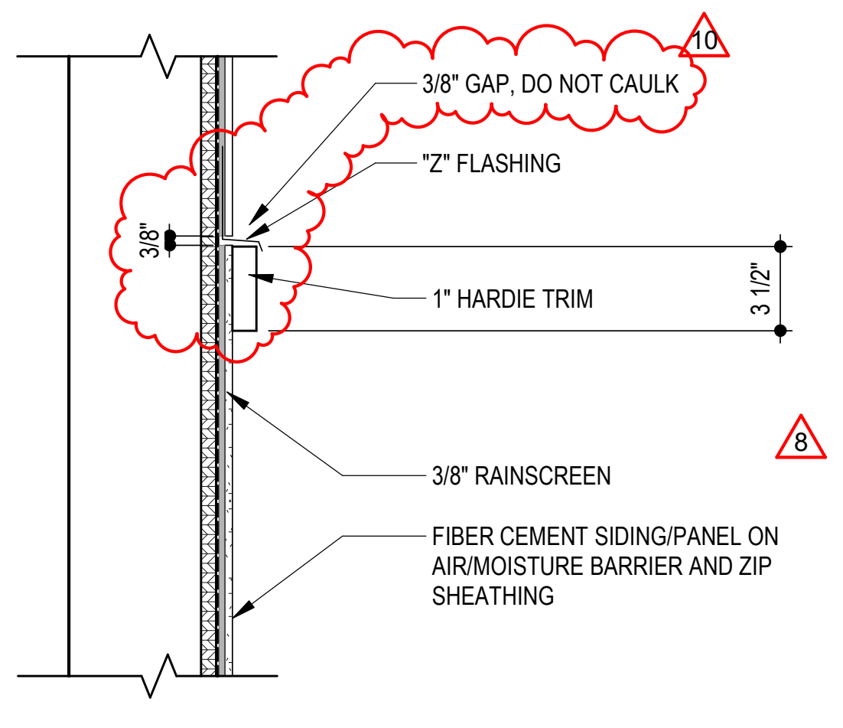
8 EIFS CORNICE AT EIFS/STONE

SCALE: 1 1/2" = 1'-0"


CONT. BED OF SEALANT
ROOF MEMBRANE WRAPPED CONT. UNDER FASCIA AND OVER FRAMING AT FRONT
SLOPE 1/2" / FT. MIN.
CONT. ANCHOR TERMINATION BAR
FASCIA COVER
2" MIN.
6"
T.O. CORNICE
PLYWOOD NAILER AS REQUIRED
EXTEND FASCIA OVER TRIM A MIN. OF 2", TYPICAL
10
7 1/2"
HARDIE TRIM
SEALANT
8"
1' - 7"
WOOD BLOCKING
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
8
3/8" GAP IN FCP, "Z" FLASHING
10
HARDIE TRIM
3 1/2"
3 1/2"
HARDIE SOFFIT PANEL
BACKER ROD AND SEALANT
10
5/8" GYP. BD. OVER 2x6 WOOD STUDS
1" HARDIE TRIM
16"
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
8

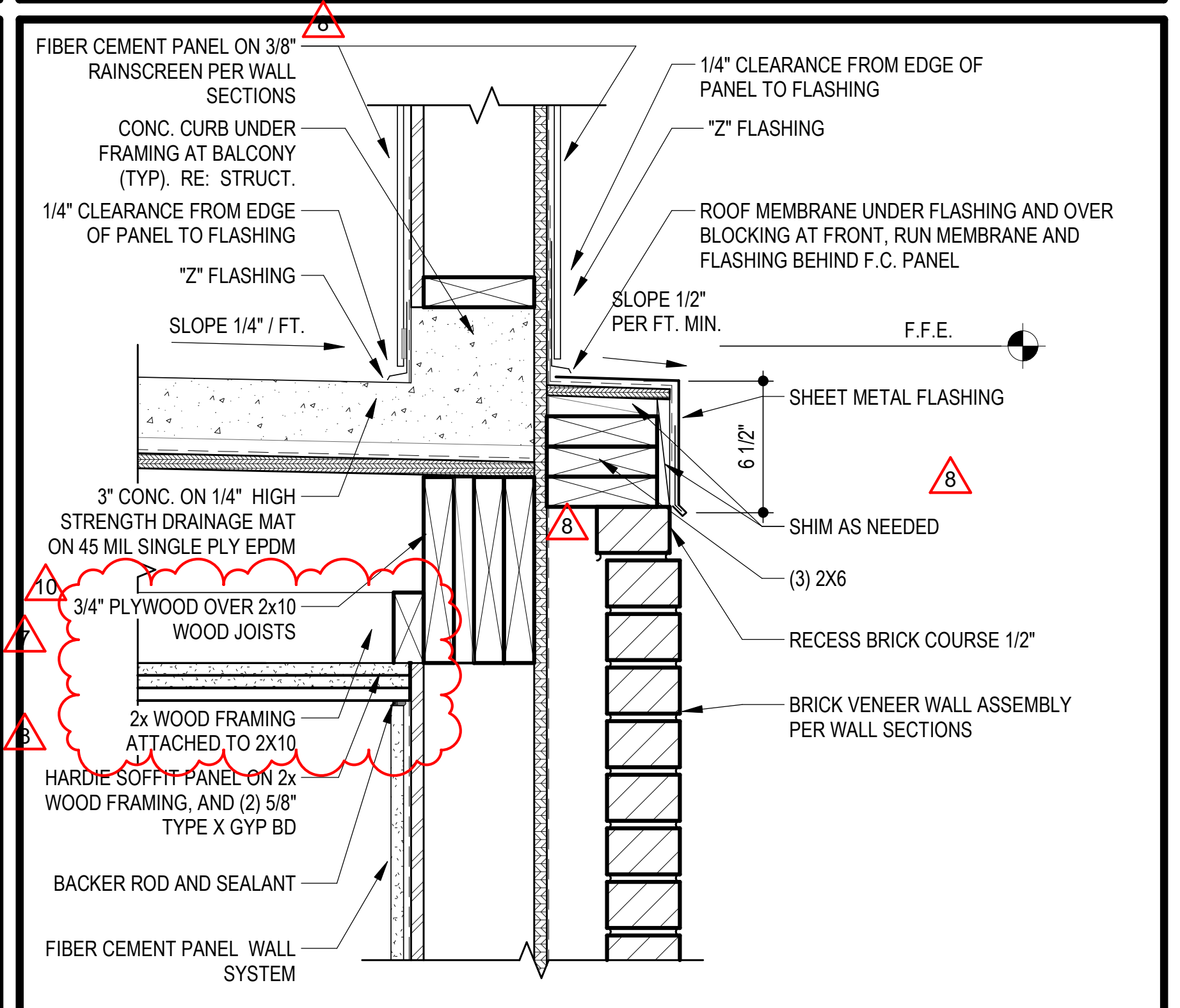
9 HARDIE BOARD CORNICE ABOVE F.C. PANEL

SCALE: 1 1/2" = 1'-0"



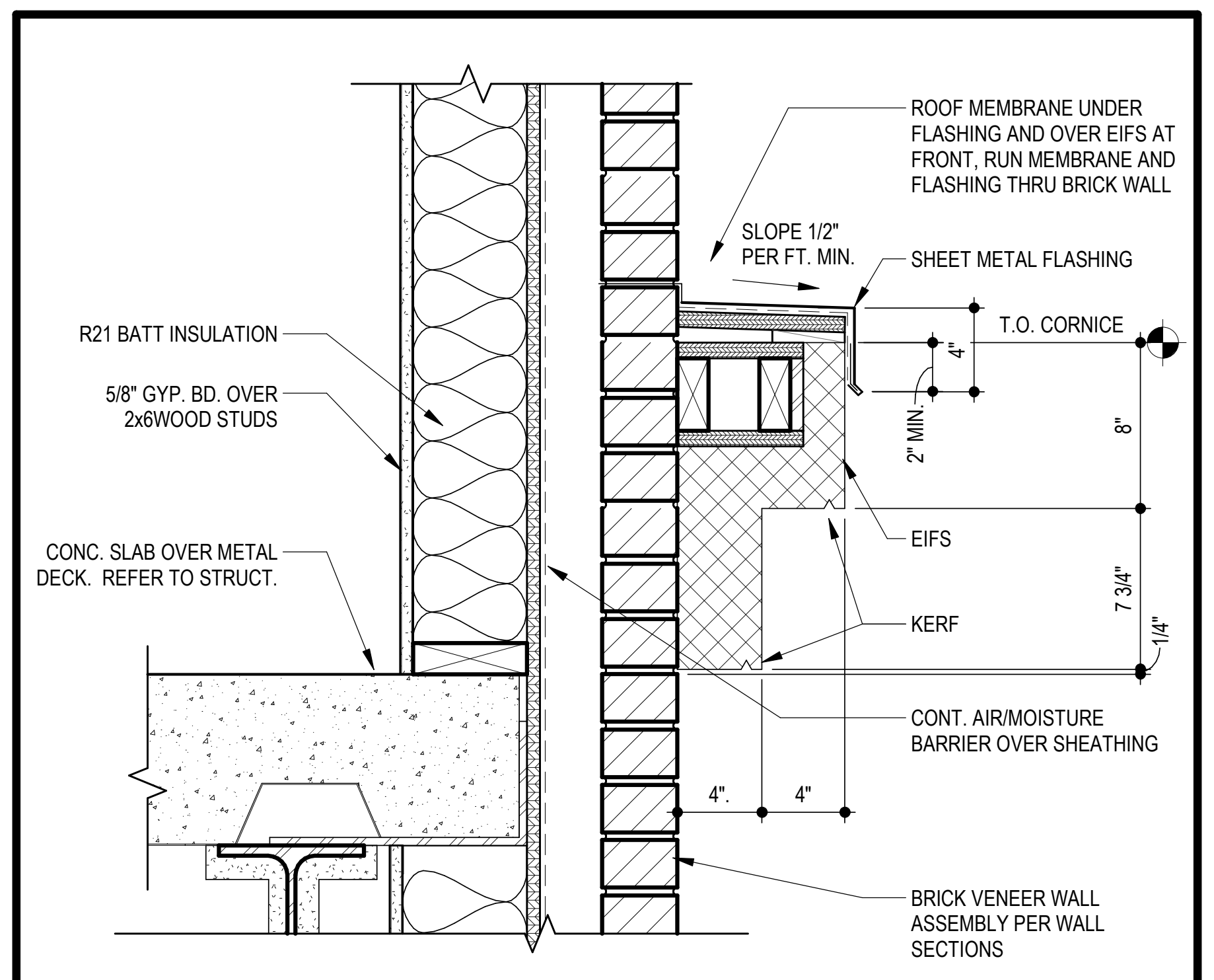
10 HARDIE TRIM DETAIL

SCALE: 1 1/2" = 1'-0"


8
FIBER CEMENT PANEL ON 3/8" RAINSCREEN PER WALL SECTIONS
CONC. CURB UNDER FRAMING AT BALCONY (TYP). RE: STRUCT.
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
SLOPE 1/4" / FT.
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
ROOF MEMBRANE UNDER FLASHING AND OVER BLOCKING AT FRONT, RUN MEMBRANE AND FLASHING BEHIND F.C. PANEL
SLOPE 1/2" PER FT. MIN.
F.F.E.
SHEET METAL FLASHING
6 1/2"
8
SHIM AS NEEDED
8
(3) 2X6
3" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
10
7
8
3/4" PLYWOOD OVER 2x10 WOOD JOISTS
RECESS BRICK COURSE 1/2"
2x WOOD FRAMING ATTACHED TO 2X10
BRICK VENEER WALL ASSEMBLY PER WALL SECTIONS
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
BACKER ROD AND SEALANT
FIBER CEMENT PANEL WALL SYSTEM

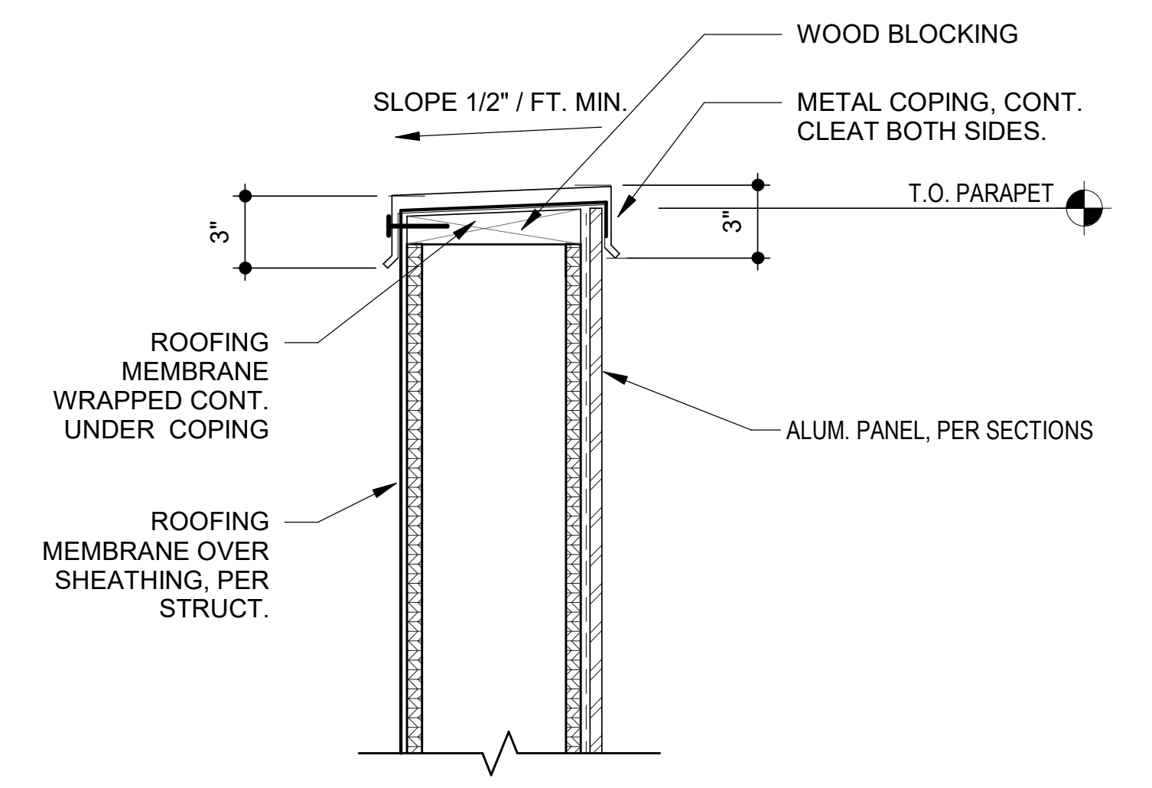
11 BALCONY AT F.C. PANEL OVER BRICK

SCALE: 1 1/2" = 1'-0"


ROOF MEMBRANE UNDER FLASHING AND OVER EIFS AT FRONT, RUN MEMBRANE AND FLASHING THRU BRICK WALL
SLOPE 1/2" PER FT. MIN.
SHEET METAL FLASHING
T.O. CORNICE
4"
2" MIN.
8"
R21 BATT INSULATION
5/8" GYP. BD. OVER 2x6WOOD STUDS
EIFS
7 3/4"
KERF
1/4"
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.
CONT. AIR/MOISTURE BARRIER OVER SHEATHING
4".
4"
BRICK VENEER WALL ASSEMBLY PER WALL SECTIONS

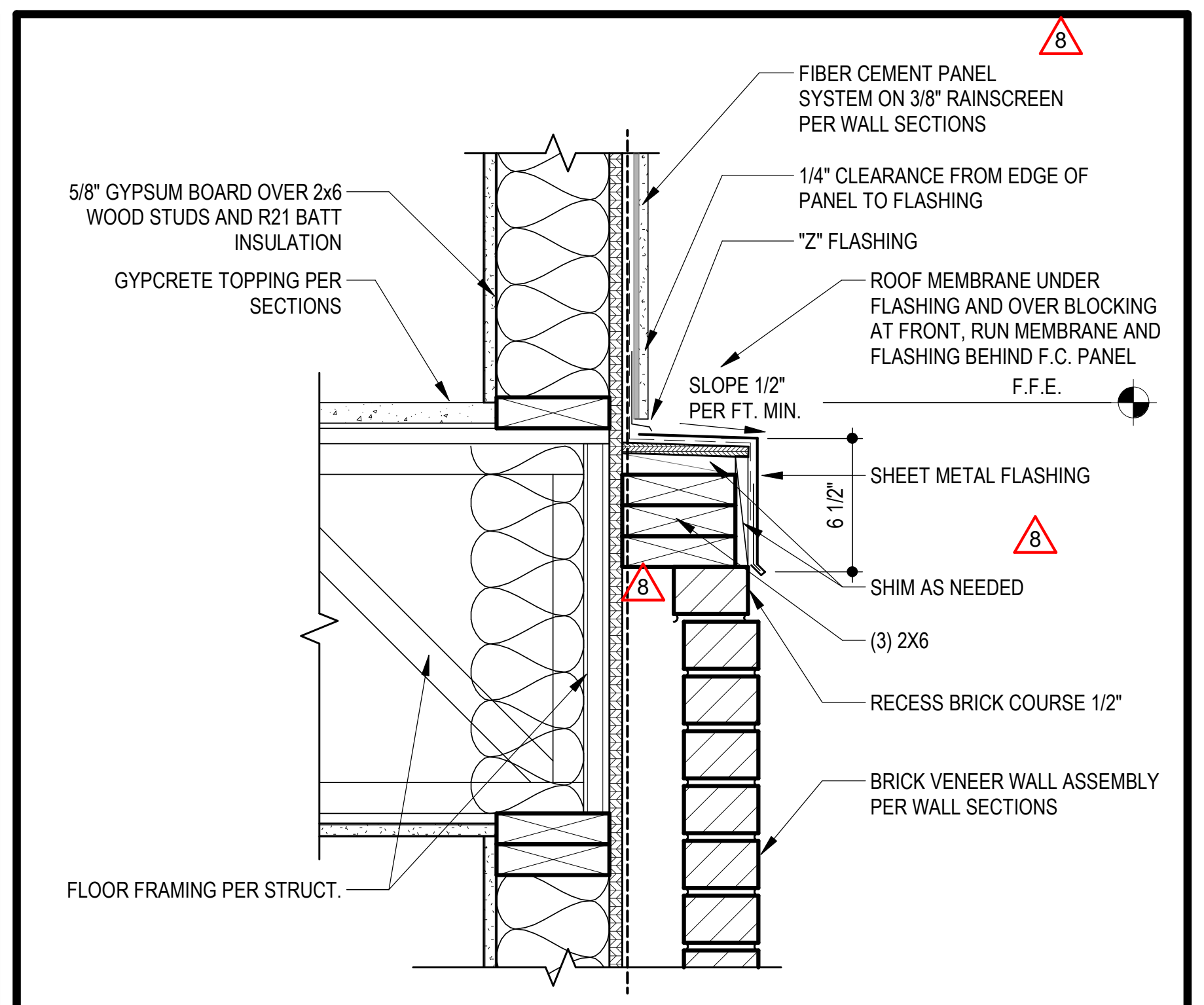
12 EIFS CORNICE AT BRICK

SCALE: 1 1/2" = 1'-0"


WOOD BLOCKING
SLOPE 1/2" / FT. MIN.
METAL COPING, CONT. CLEAT BOTH SIDES.
T.O. PARAPET
3"
3"
ROOFING MEMBRANE WRAPPED CONT. UNDER COPING
ALUM. PANEL, PER SECTIONS
ROOFING MEMBRANE OVER SHEATHING, PER STRUCT.

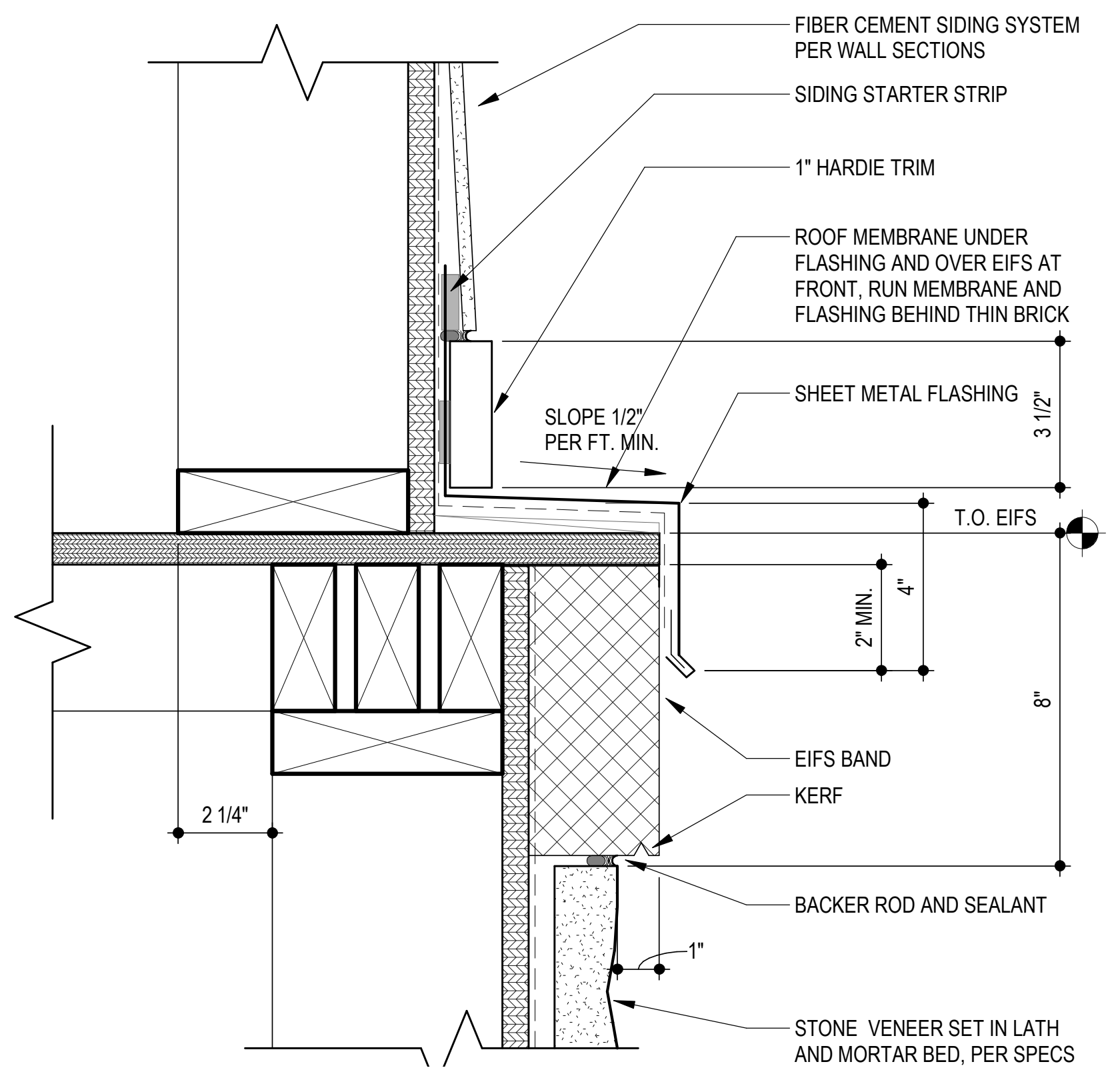
13 COPING AT ALUM. SIDING

SCALE: 1 1/2" = 1'-0"


8
FIBER CEMENT PANEL SYSTEM ON 3/8" RAINSCREEN PER WALL SECTIONS
5/8" GYPSUM BOARD OVER 2x6 WOOD STUDS AND R21 BATT INSULATION
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
GYPCRETE TOPPING PER SECTIONS
ROOF MEMBRANE UNDER FLASHING AND OVER BLOCKING AT FRONT, RUN MEMBRANE AND FLASHING BEHIND F.C. PANEL
SLOPE 1/2" PER FT. MIN.
F.F.E.
SHEET METAL FLASHING
6 1/2"
8
8
SHIM AS NEEDED
(3) 2X6
RECESS BRICK COURSE 1/2"
BRICK VENEER WALL ASSEMBLY PER WALL SECTIONS
FLOOR FRAMING PER STRUCT.

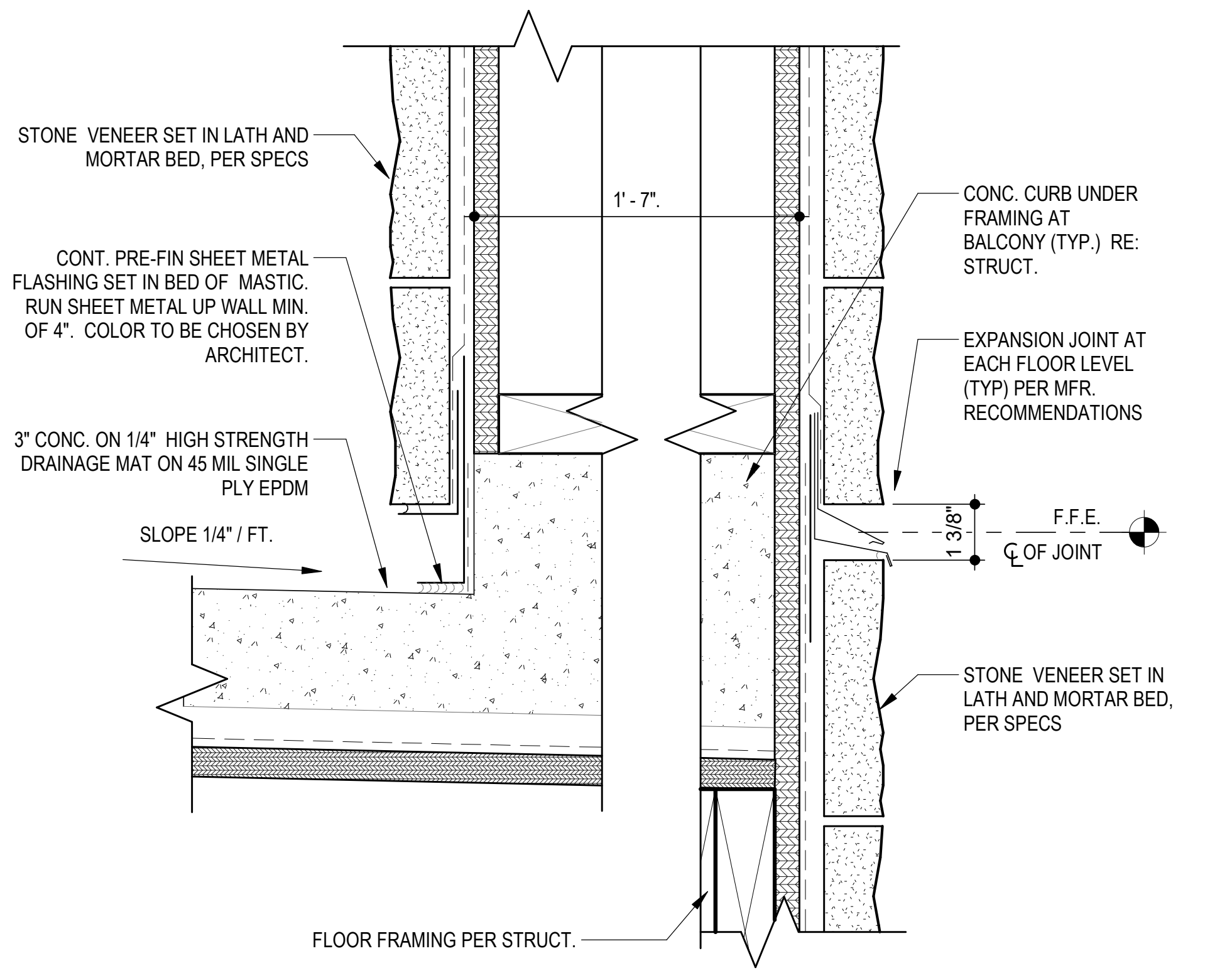
14 BRICK TRANSITION

SCALE: 1 1/2" = 1'-0"


FIBER CEMENT SIDING SYSTEM PER WALL SECTIONS
SIDING STARTER STRIP
1" HARDIE TRIM
ROOF MEMBRANE UNDER FLASHING AND OVER EIFS AT FRONT, RUN MEMBRANE AND FLASHING BEHIND THIN BRICK
SHEET METAL FLASHING
SLOPE 1/2" PER FT. MIN.
3 1/2"
T.O. EIFS
2" MIN.
4"
8"
2 1/4"
EIFS BAND
KERF
BACKER ROD AND SEALANT
1"
STONE VENEER SET IN LATH AND MORTAR BED, PER SPECS

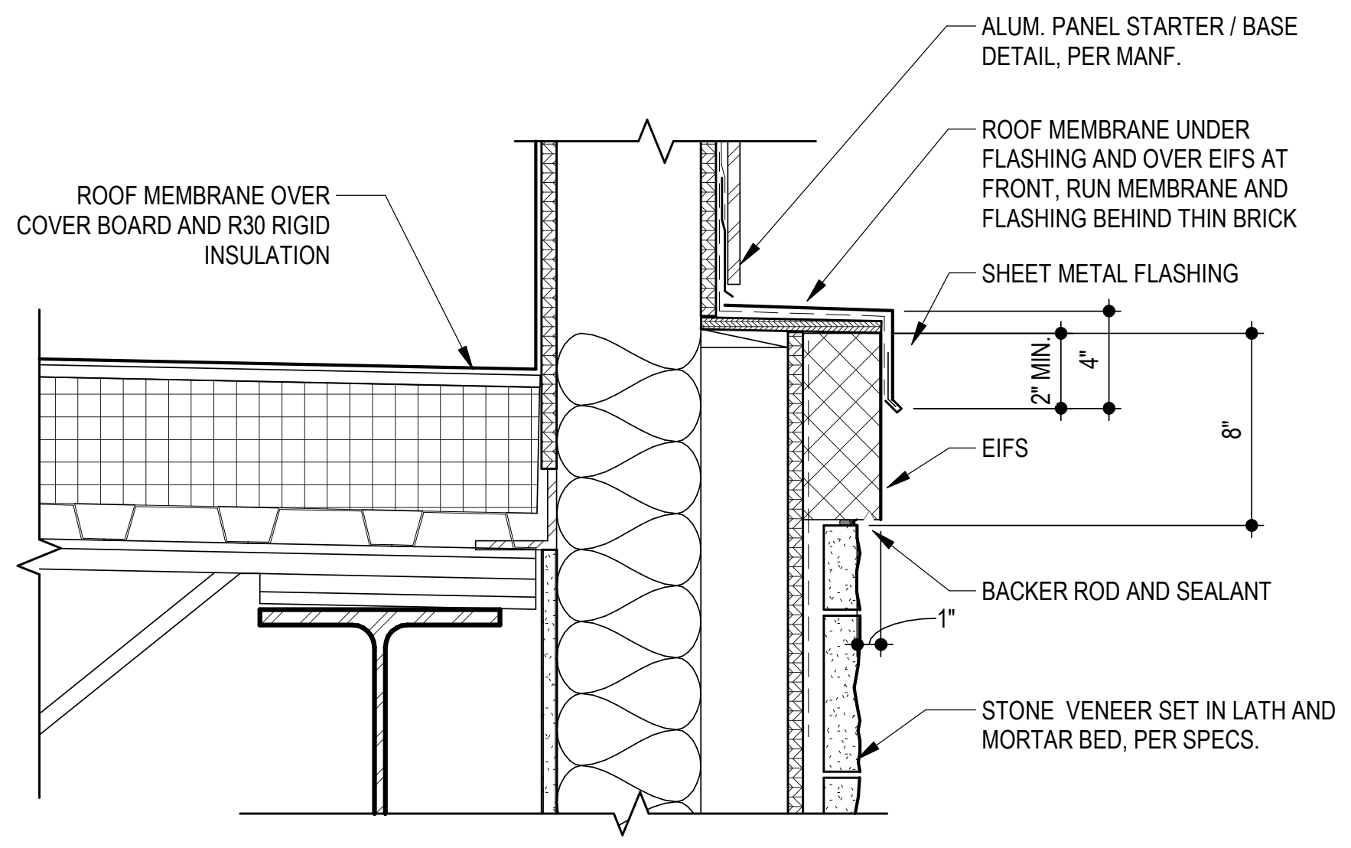
15 STONE COLUMN TRANSITION

SCALE: 3" = 1'-0"


STONE VENEER SET IN LATH AND MORTAR BED, PER SPECS
1' - 7".
CONC. CURB UNDER FRAMING AT BALCONY (TYP.) RE: STRUCT.
CONT. PRE-FIN SHEET METAL FLASHING SET IN BED OF MASTIC. RUN SHEET METAL UP WALL MIN. OF 4". COLOR TO BE CHOSEN BY ARCHITECT.
EXPANSION JOINT AT EACH FLOOR LEVEL (TYP) PER MFR. RECOMMENDATIONS
3" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
1 3/8"
F.F.E.
℄ OF JOINT
STONE VENEER SET IN LATH AND MORTAR BED, PER SPECS
FLOOR FRAMING PER STRUCT.

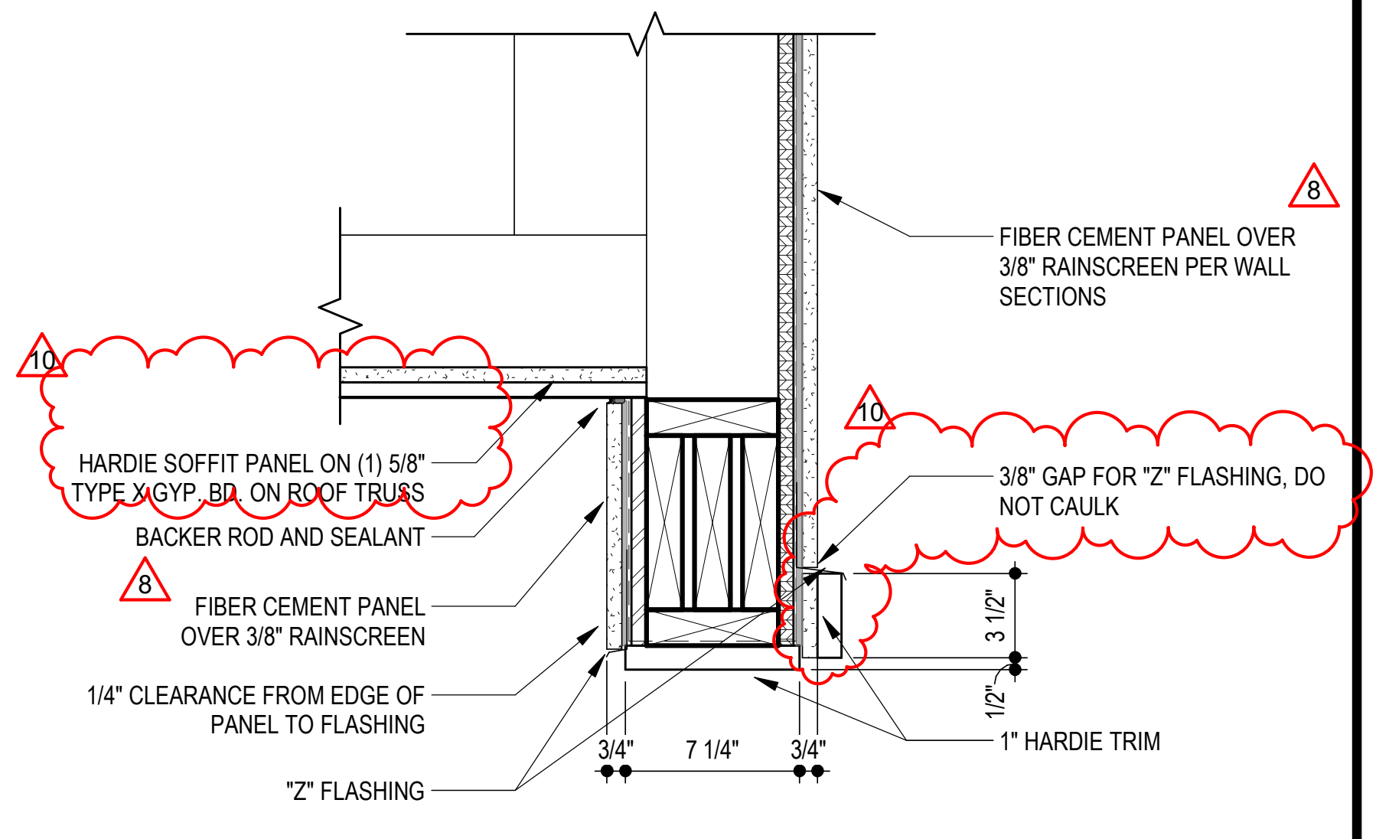
16 STONE EXPANSION JOINT

SCALE: 3" = 1'-0"


ALUM. PANEL STARTER / BASE DETAIL, PER MANF.
ROOF MEMBRANE OVER COVER BOARD AND R30 RIGID INSULATION
ROOF MEMBRANE UNDER FLASHING AND OVER EIFS AT FRONT, RUN MEMBRANE AND FLASHING BEHIND THIN BRICK
SHEET METAL FLASHING
2" MIN.
4"
8"
EIFS
BACKER ROD AND SEALANT
1"
STONE VENEER SET IN LATH AND MORTAR BED, PER SPECS.

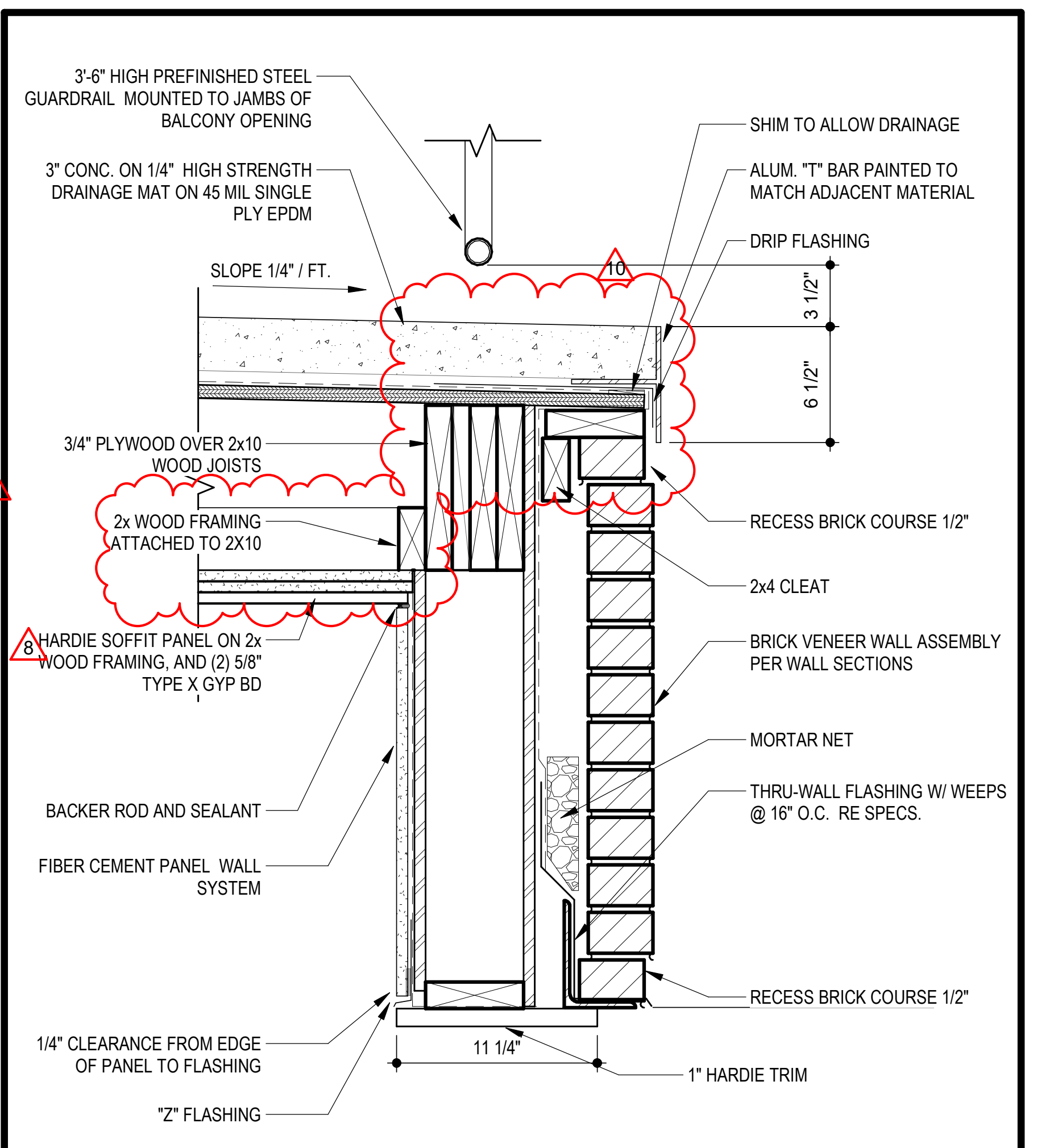
17 ALUM. SIDING TO STONE TRANSITION

SCALE: 1 1/2" = 1'-0"


8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN PER WALL SECTIONS
10
HARDIE SOFFIT PANEL ON (1) 5/8" TYPE X GYP. BD. ON ROOF TRUSS
BACKER ROD AND SEALANT
8
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
10
3/8" GAP FOR "Z" FLASHING, DO NOT CAULK
3 1/2"
1/2"
1" HARDIE TRIM
3/4"
7 1/4"
3/4"

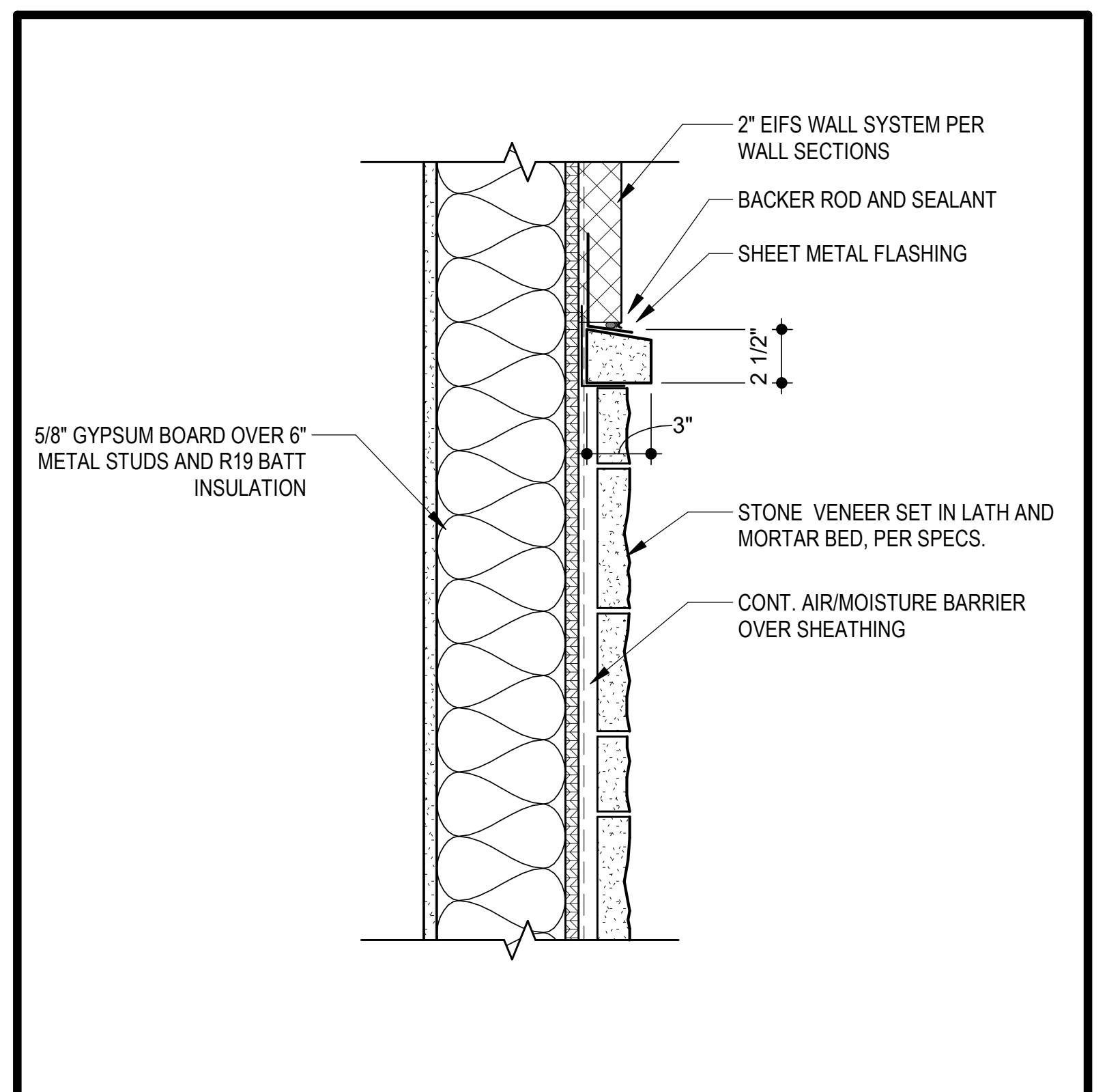
18 FIBER CEMENT PANEL HEAD DETAIL

SCALE: 1 1/2" = 1'-0"


3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
3" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
SHIM TO ALLOW DRAINAGE
ALUM. "T" BAR PAINTED TO MATCH ADJACENT MATERIAL
DRIP FLASHING
10
3 1/2"
6 1/2"
3/4" PLYWOOD OVER 2x10 WOOD JOISTS
7
2x WOOD FRAMING ATTACHED TO 2X10
RECESS BRICK COURSE 1/2"
2x4 CLEAT
8
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
BRICK VENEER WALL ASSEMBLY PER WALL SECTIONS
MORTAR NET
THRU-WALL FLASHING W/ WEEPS @ 16" O.C. RE SPECS.
BACKER ROD AND SEALANT
FIBER CEMENT PANEL WALL SYSTEM
RECESS BRICK COURSE 1/2"
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
11 1/4"
1" HARDIE TRIM
"Z" FLASHING

19 BALCONY SLAB DETAIL AT BRICK

SCALE: 1 1/2" = 1'-0"


2" EIFS WALL SYSTEM PER WALL SECTIONS
BACKER ROD AND SEALANT
SHEET METAL FLASHING
2 1/2"
3"
5/8" GYPSUM BOARD OVER 6" METAL STUDS AND R19 BATT INSULATION
STONE VENEER SET IN LATH AND MORTAR BED, PER SPECS.
CONT. AIR/MOISTURE BARRIER OVER SHEATHING

20 EIFS TO STONE TRANSITION

SCALE: 1 1/2" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl COMPANIES

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DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

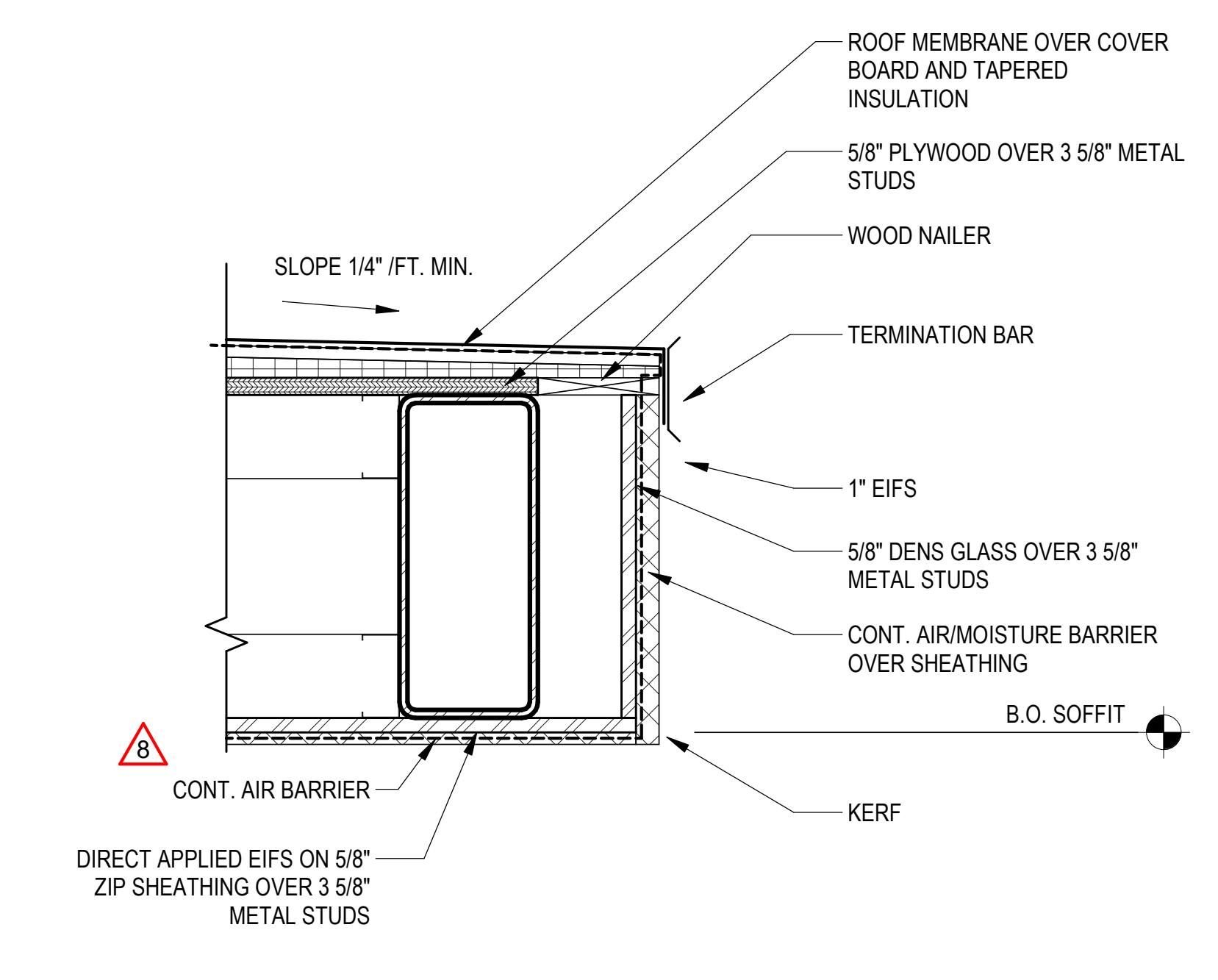
DWG BY AR

TR,i PROJECT NO. 18-046

SHEET NO.

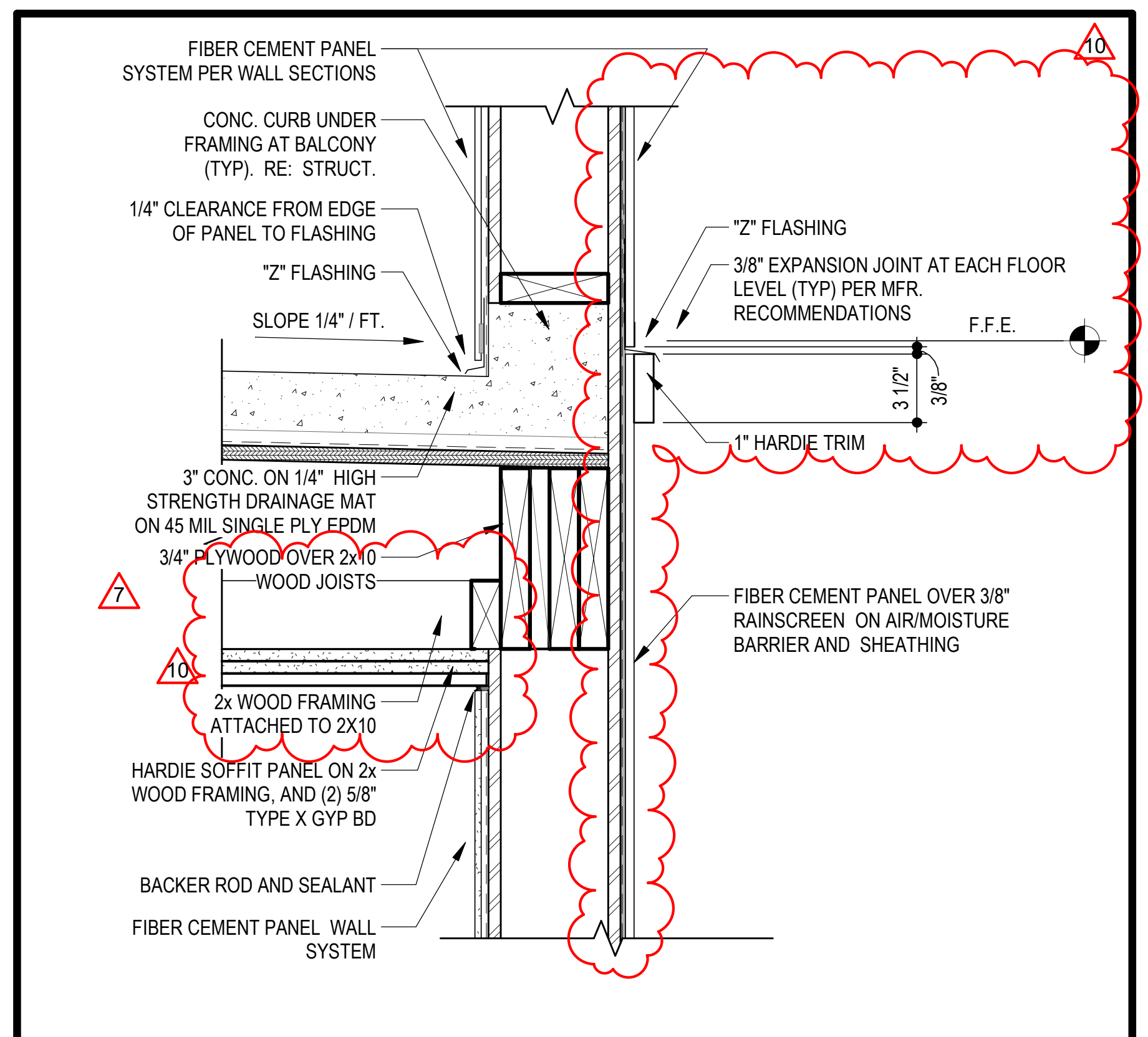
A321

SECTION DETAILS


ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
5/8" PLYWOOD OVER 3 5/8" METAL STUDS
WOOD NAILER
SLOPE 1/4" /FT. MIN.
TERMINATION BAR
1" EIFS
5/8" DENS GLASS OVER 3 5/8" METAL STUDS
CONT. AIR/MOISTURE BARRIER OVER SHEATHING
B.O. SOFFIT
8
CONT. AIR BARRIER
DIRECT APPLIED EIFS ON 5/8" ZIP SHEATHING OVER 3 5/8" METAL STUDS
KERF

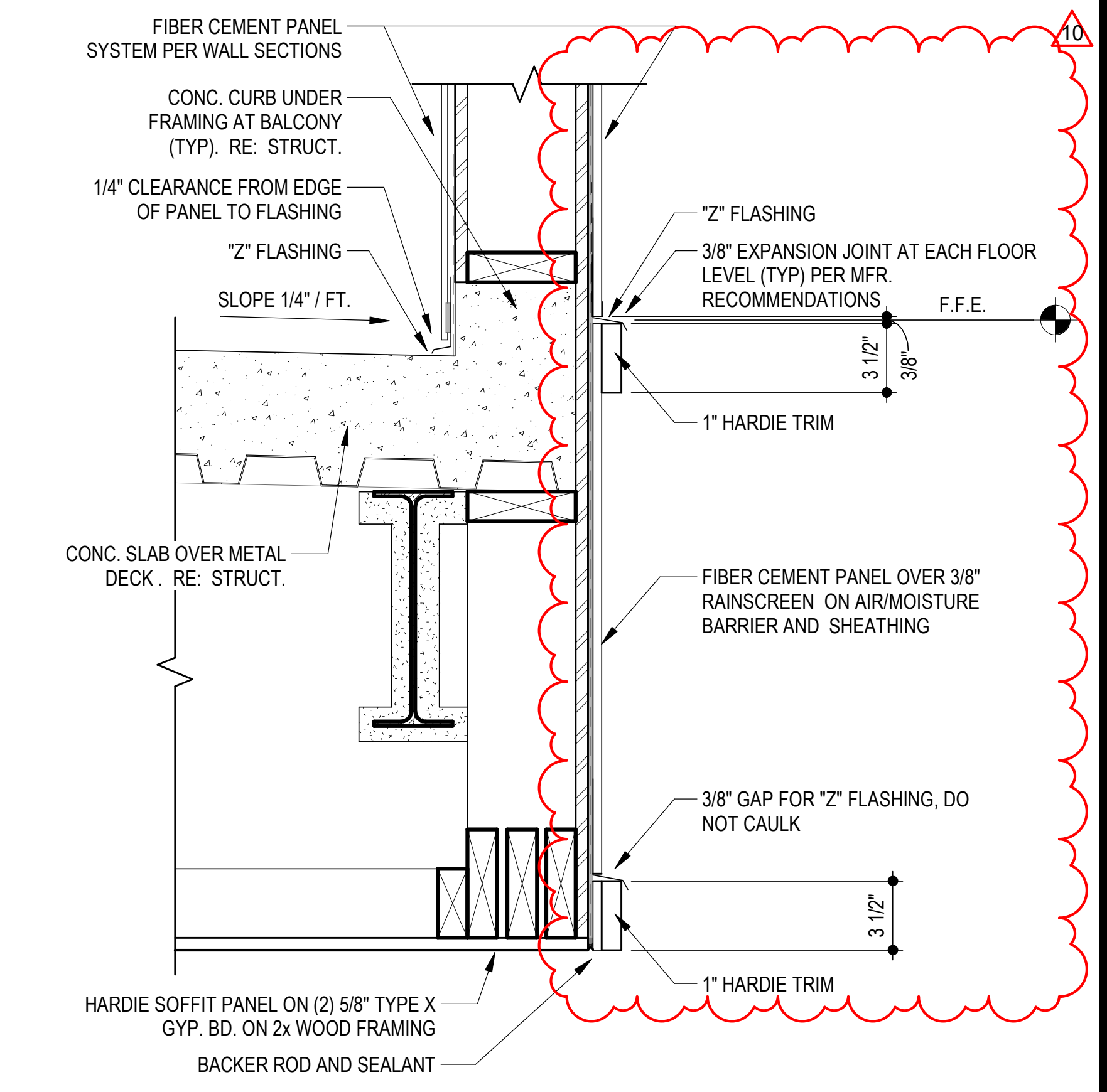
1 CLUBHOUSE ROOF EDGE DETAIL

SCALE: 1 1/2" = 1'-0"


10
FIBER CEMENT PANEL SYSTEM PER WALL SECTIONS
CONC. CURB UNDER FRAMING AT BALCONY (TYP). RE: STRUCT.
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
SLOPE 1/4" / FT.
"Z" FLASHING
3/8" EXPANSION JOINT AT EACH FLOOR LEVEL (TYP) PER MFR. RECOMMENDATIONS
F.F.E.
3 1/2"
3/8"
1" HARDIE TRIM
3" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
3/4" PLYWOOD OVER 2x10 WOOD JOISTS
7
10
2x WOOD FRAMING ATTACHED TO 2X10
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
BACKER ROD AND SEALANT
FIBER CEMENT PANEL WALL SYSTEM

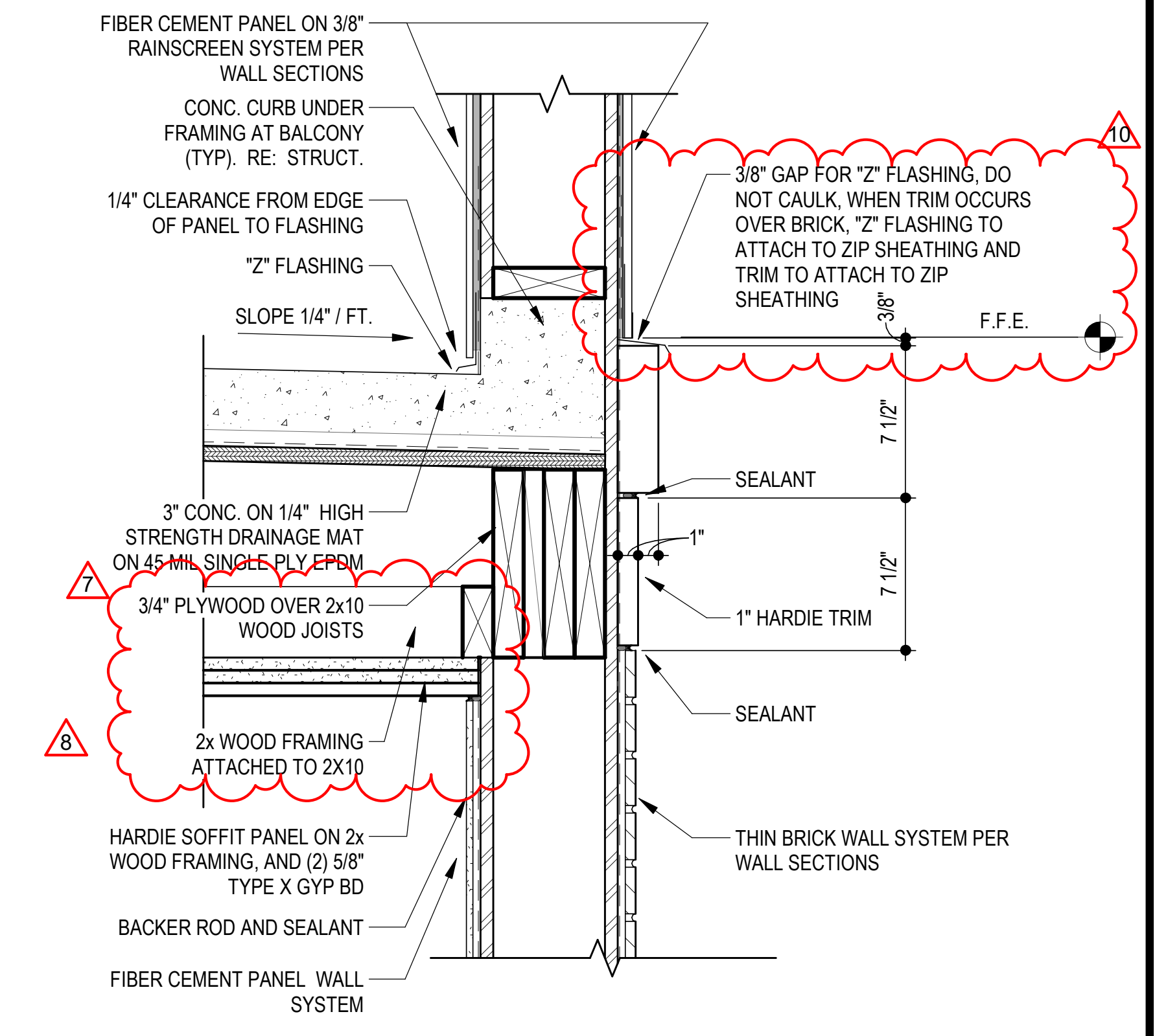
2 BALCONY AT F.C. PANEL

SCALE: 1 1/2" = 1'-0"


10
FIBER CEMENT PANEL SYSTEM PER WALL SECTIONS
CONC. CURB UNDER FRAMING AT BALCONY (TYP). RE: STRUCT.
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
SLOPE 1/4" / FT.
"Z" FLASHING
3/8" EXPANSION JOINT AT EACH FLOOR LEVEL (TYP) PER MFR. RECOMMENDATIONS
F.F.E.
3 1/2"
3/8"
1" HARDIE TRIM
CONC. SLAB OVER METAL DECK . RE: STRUCT.
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
3/8" GAP FOR "Z" FLASHING, DO NOT CAULK
3 1/2"
1" HARDIE TRIM
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON 2x WOOD FRAMING
BACKER ROD AND SEALANT

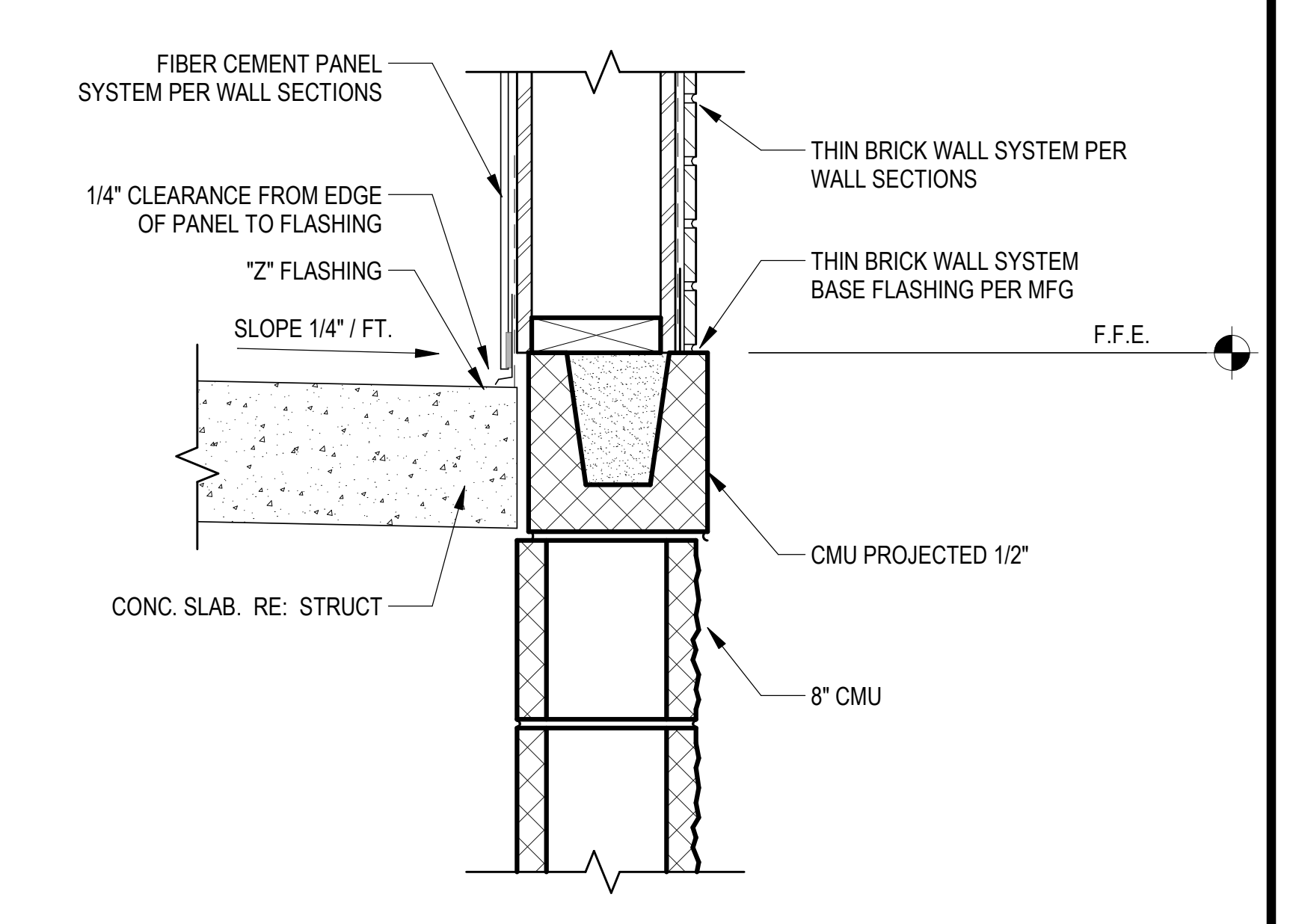
3 BALCONY ABOVE RETAIL

SCALE: 1 1/2" = 1'-0"


FIBER CEMENT PANEL ON 3/8" RAINSCREEN SYSTEM PER WALL SECTIONS
CONC. CURB UNDER FRAMING AT BALCONY (TYP). RE: STRUCT.
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
SLOPE 1/4" / FT.
10
3/8" GAP FOR "Z" FLASHING, DO NOT CAULK, WHEN TRIM OCCURS OVER BRICK, "Z" FLASHING TO ATTACH TO ZIP SHEATHING AND TRIM TO ATTACH TO ZIP SHEATHING
3/8"
F.F.E.
7 1/2"
SEALANT
1"
7 1/2"
1" HARDIE TRIM
3" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
7
3/4" PLYWOOD OVER 2x10 WOOD JOISTS
8
2x WOOD FRAMING ATTACHED TO 2X10
SEALANT
THIN BRICK WALL SYSTEM PER WALL SECTIONS
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
BACKER ROD AND SEALANT
FIBER CEMENT PANEL WALL SYSTEM

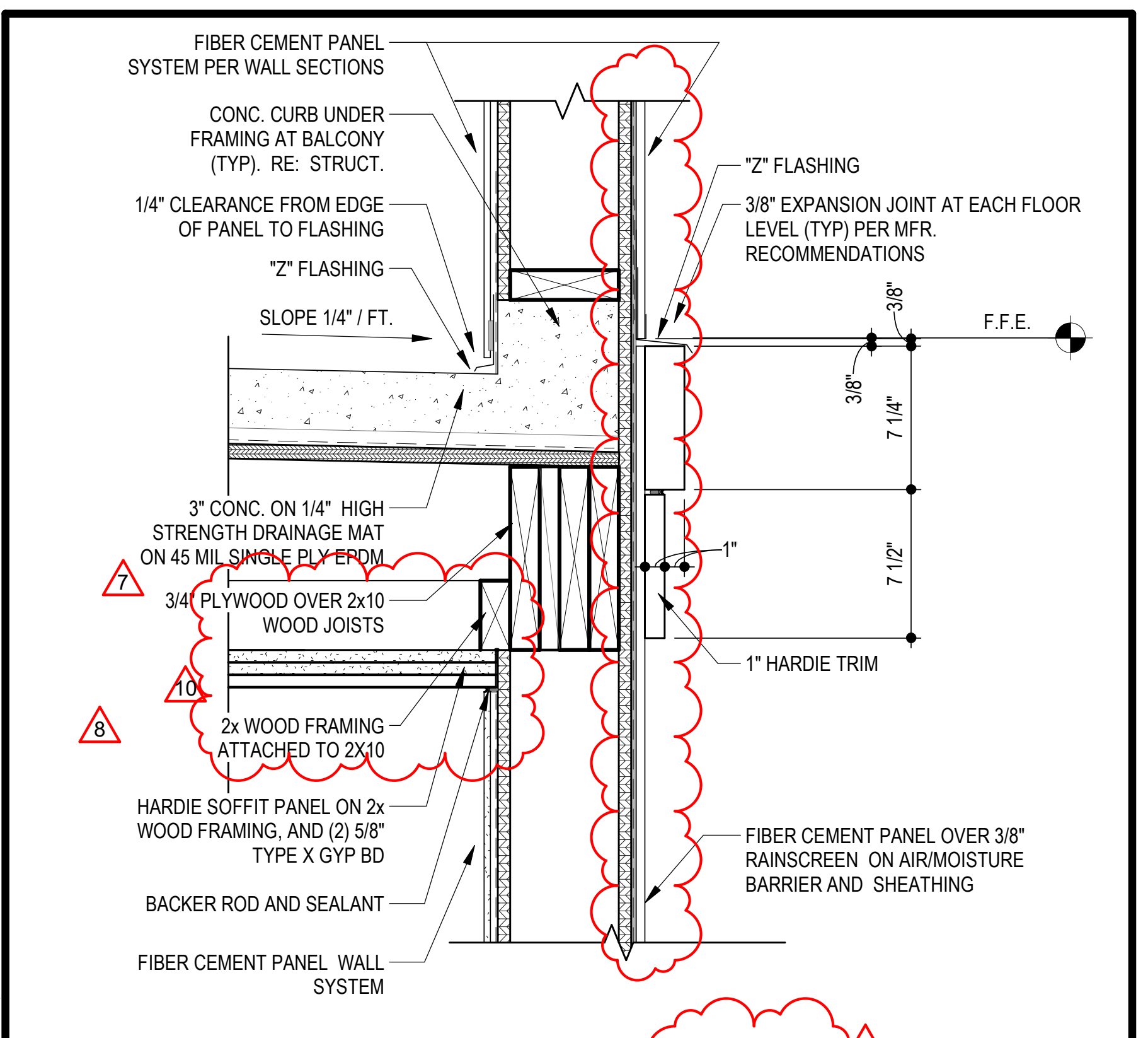
4 BALCONY AT PANEL OVER THIN BRICK

SCALE: 1 1/2" = 1'-0"


FIBER CEMENT PANEL SYSTEM PER WALL SECTIONS
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
SLOPE 1/4" / FT.
THIN BRICK WALL SYSTEM PER WALL SECTIONS
THIN BRICK WALL SYSTEM BASE FLASHING PER MFG
F.F.E.
CONC. SLAB. RE: STRUCT
CMU PROJECTED 1/2"
8" CMU

5 BALCONY AT CMU BASE

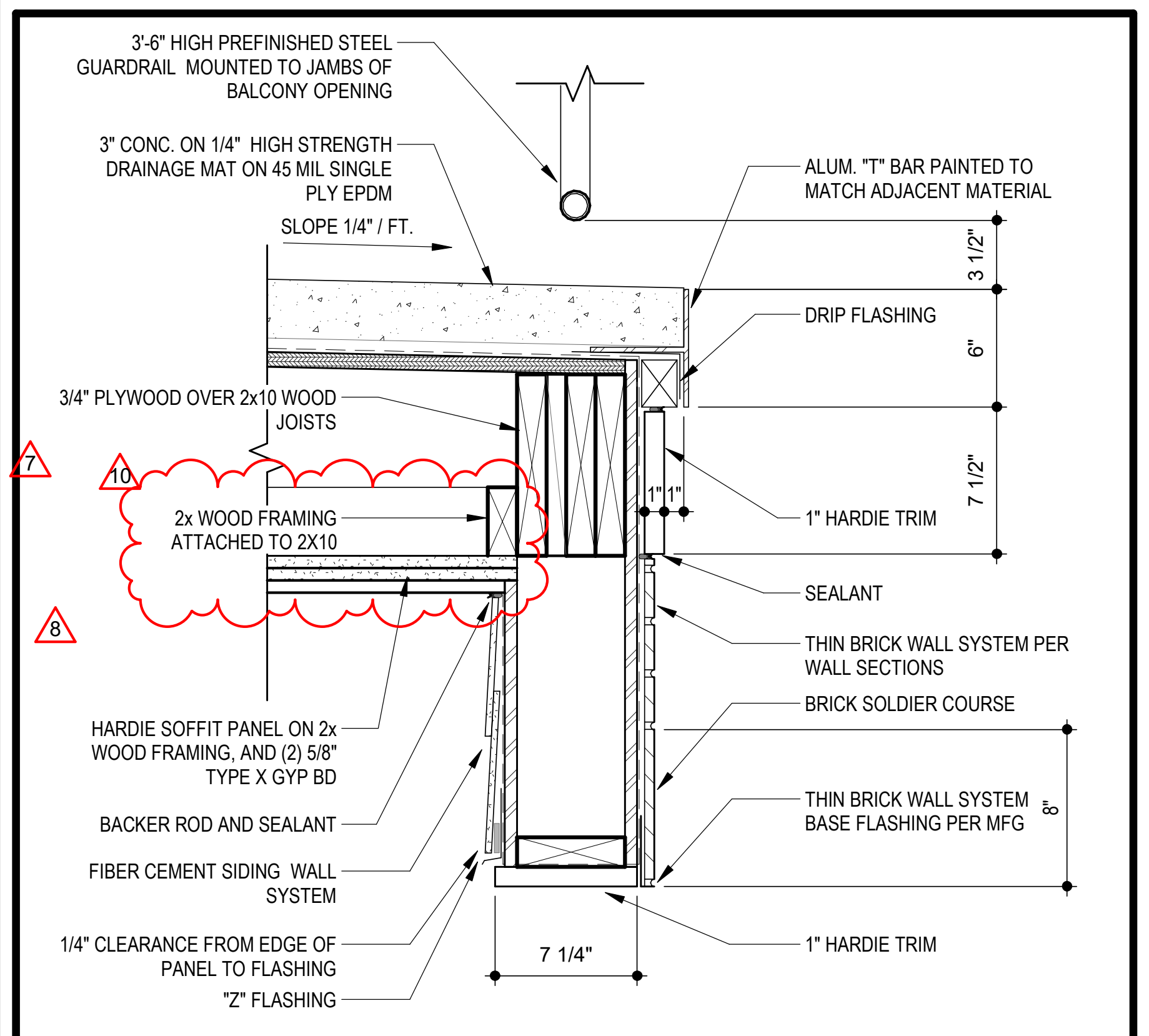
SCALE: 1 1/2" = 1'-0"


FIBER CEMENT PANEL SYSTEM PER WALL SECTIONS
CONC. CURB UNDER FRAMING AT BALCONY (TYP). RE: STRUCT.
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
SLOPE 1/4" / FT.
"Z" FLASHING
3/8" EXPANSION JOINT AT EACH FLOOR LEVEL (TYP) PER MFR. RECOMMENDATIONS
3/8"
F.F.E.
3/8"
7 1/4"
7 1/2"
1"
1" HARDIE TRIM
3" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
7
3/4" PLYWOOD OVER 2x10 WOOD JOISTS
10
8
2x WOOD FRAMING ATTACHED TO 2X10
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
BACKER ROD AND SEALANT
FIBER CEMENT PANEL WALL SYSTEM
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING

6 BALCONY AT HARDIE TRIM AT FCP

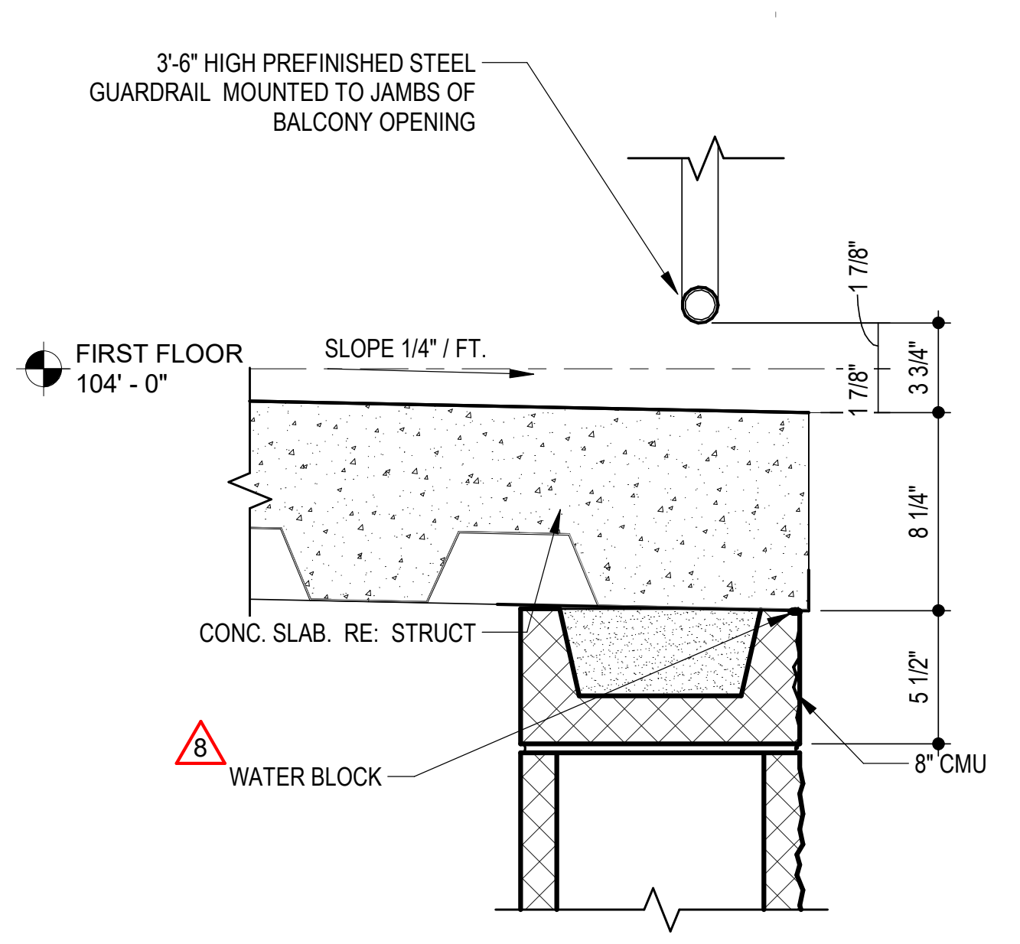
10

SCALE: 1 1/2" = 1'-0"


3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
3" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
ALUM. "T" BAR PAINTED TO MATCH ADJACENT MATERIAL
3 1/2"
DRIP FLASHING
6"
3/4" PLYWOOD OVER 2x10 WOOD JOISTS
7
10
2x WOOD FRAMING ATTACHED TO 2X10
8
1" 1"
7 1/2"
1" HARDIE TRIM
SEALANT
THIN BRICK WALL SYSTEM PER WALL SECTIONS
BRICK SOLDIER COURSE
THIN BRICK WALL SYSTEM BASE FLASHING PER MFG
8"
HARDIE SOFFIT PANEL ON 2x WOOD FRAMING, AND (2) 5/8" TYPE X GYP BD
BACKER ROD AND SEALANT
FIBER CEMENT SIDING WALL SYSTEM
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
7 1/4"
1" HARDIE TRIM

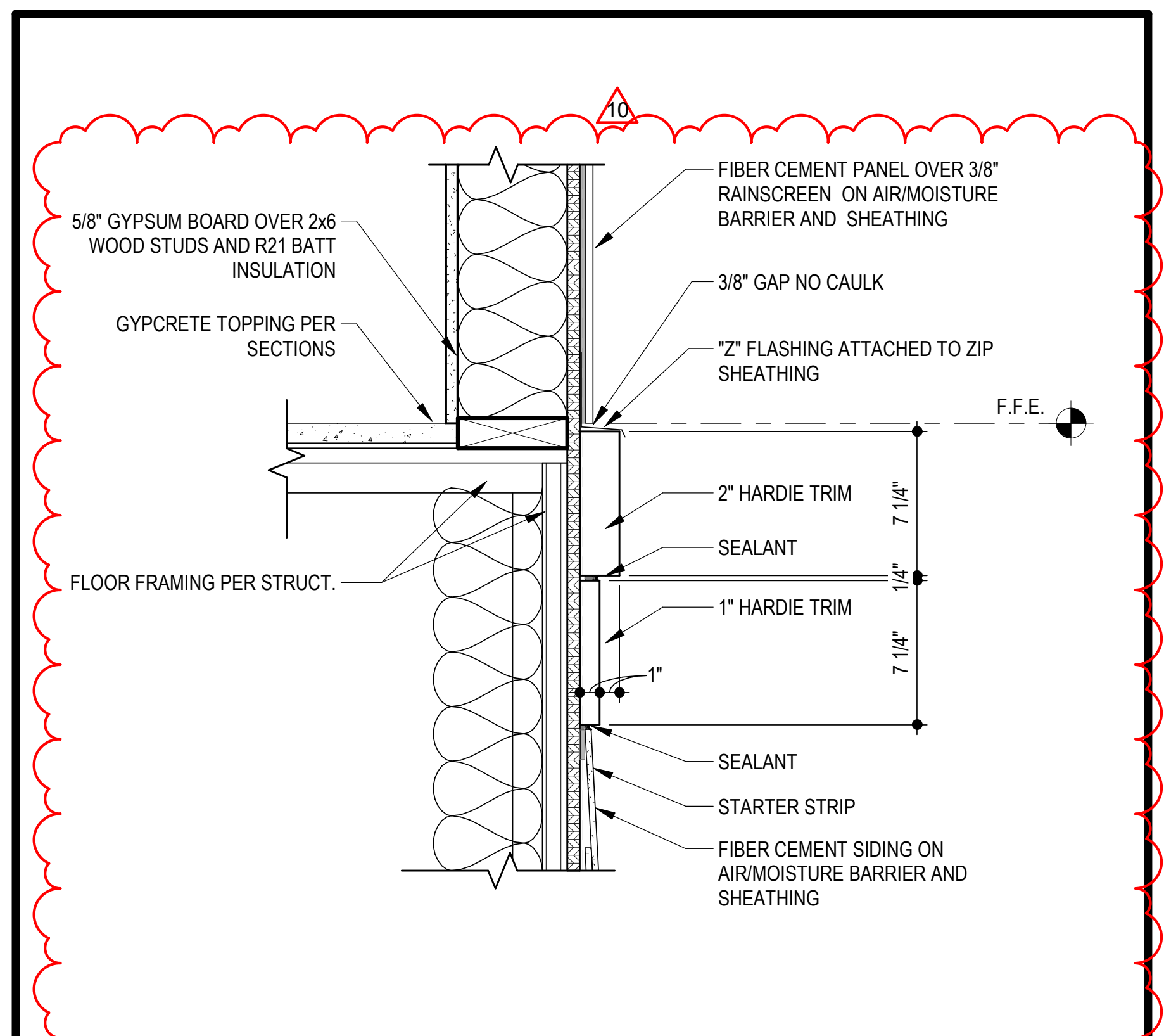
7 BALCONY SLAB AT TRIM OVER THIN BRICK

SCALE: 1 1/2" = 1'-0"



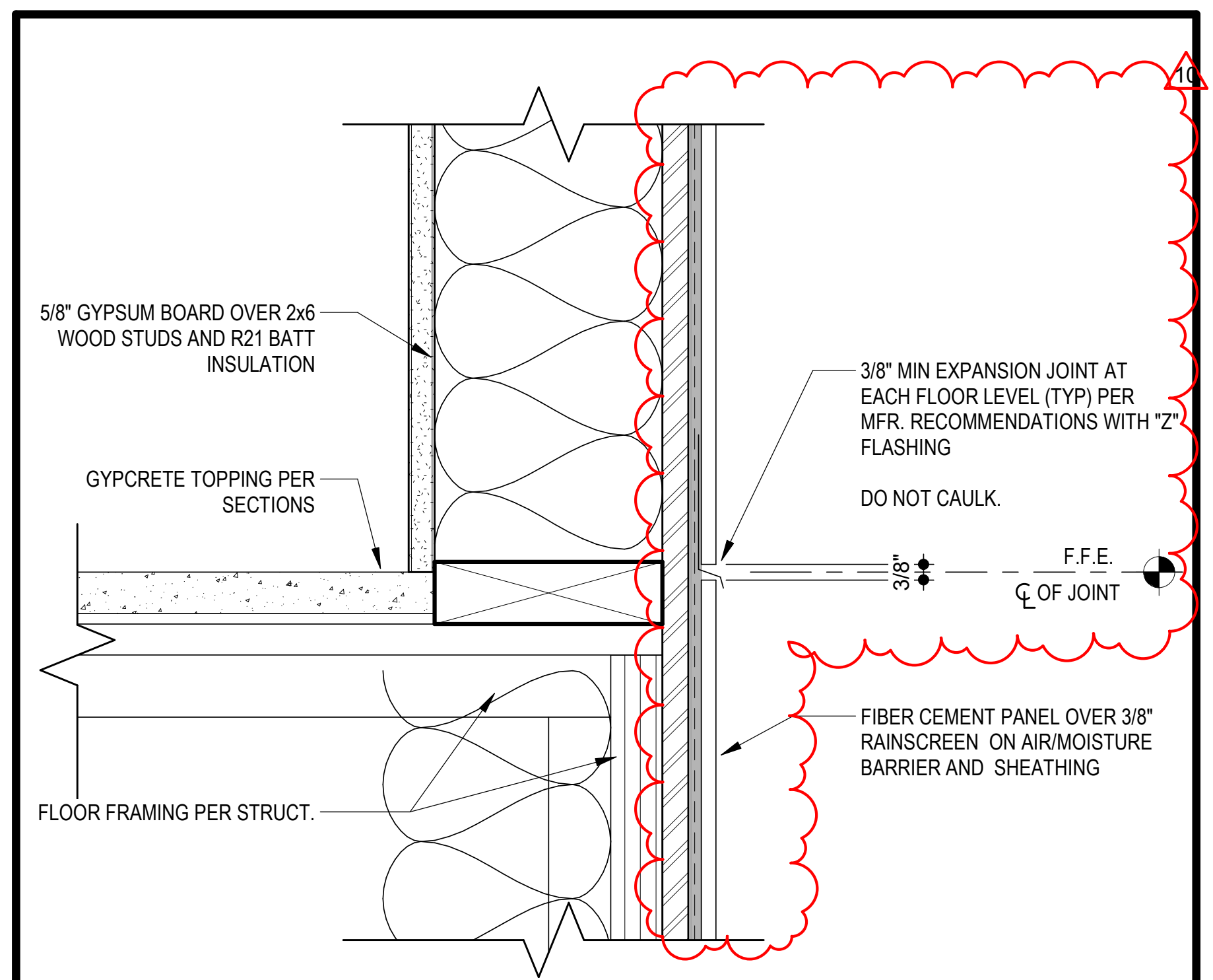
8 BALCONY SLAB AT CMU BASE

SCALE: 1 1/2" = 1'-0"


10
5/8" GYPSUM BOARD OVER 2x6 WOOD STUDS AND R21 BATT INSULATION
GYPCRETE TOPPING PER SECTIONS
FLOOR FRAMING PER STRUCT.
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
3/8" GAP NO CAULK
"Z" FLASHING ATTACHED TO ZIP SHEATHING
F.F.E.
2" HARDIE TRIM
SEALANT
1" HARDIE TRIM
7 1/4"
1/4"
7 1/4"
1"
SEALANT
STARTER STRIP
FIBER CEMENT SIDING ON AIR/MOISTURE BARRIER AND SHEATHING

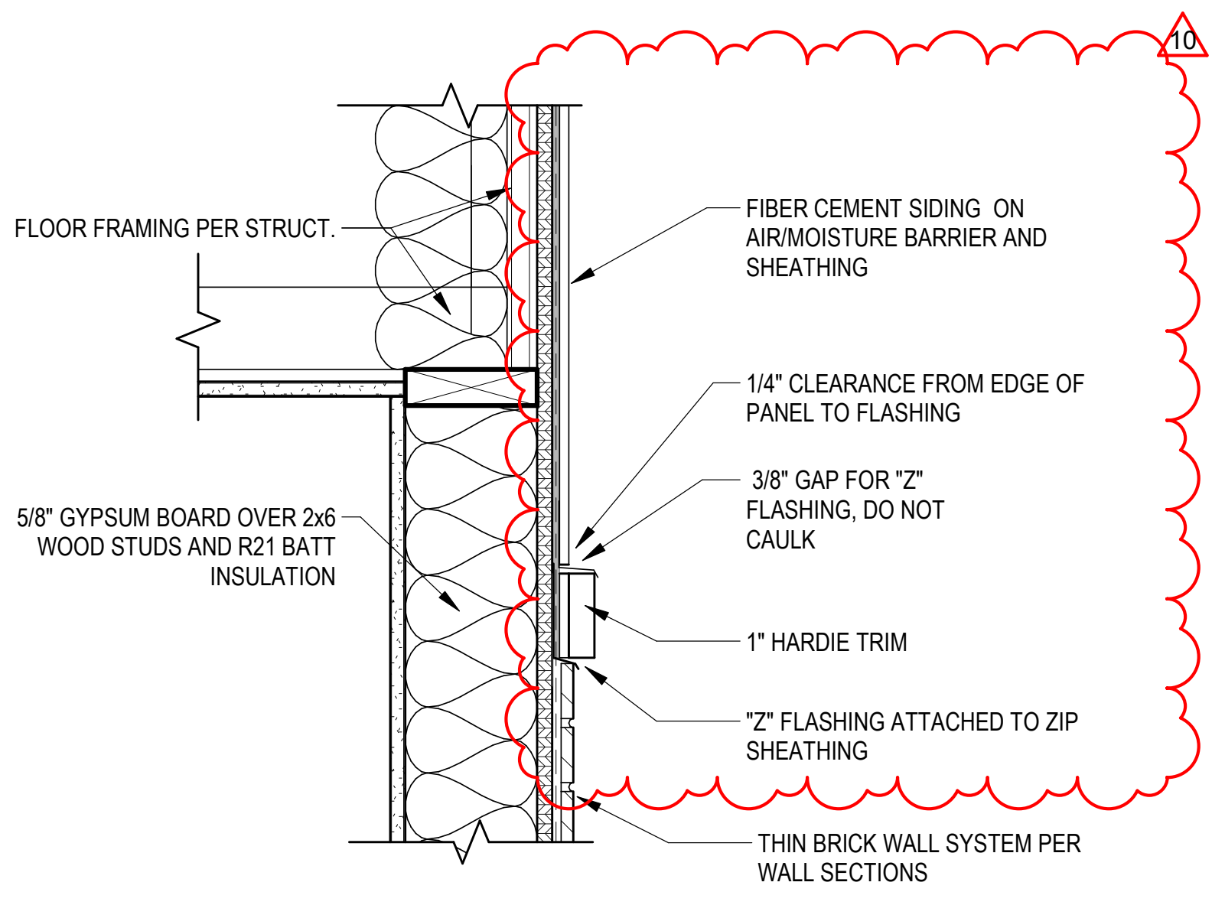
9 HARDIE TRIM AT FCP ABOVE AND SIDING BELOW

SCALE: 1 1/2" = 1'-0"


10
5/8" GYPSUM BOARD OVER 2x6 WOOD STUDS AND R21 BATT INSULATION
GYPCRETE TOPPING PER SECTIONS
FLOOR FRAMING PER STRUCT.
3/8" MIN EXPANSION JOINT AT EACH FLOOR LEVEL (TYP) PER MFR. RECOMMENDATIONS WITH "Z" FLASHING
DO NOT CAULK.
3/8"
F.F.E.
℄ OF JOINT
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING

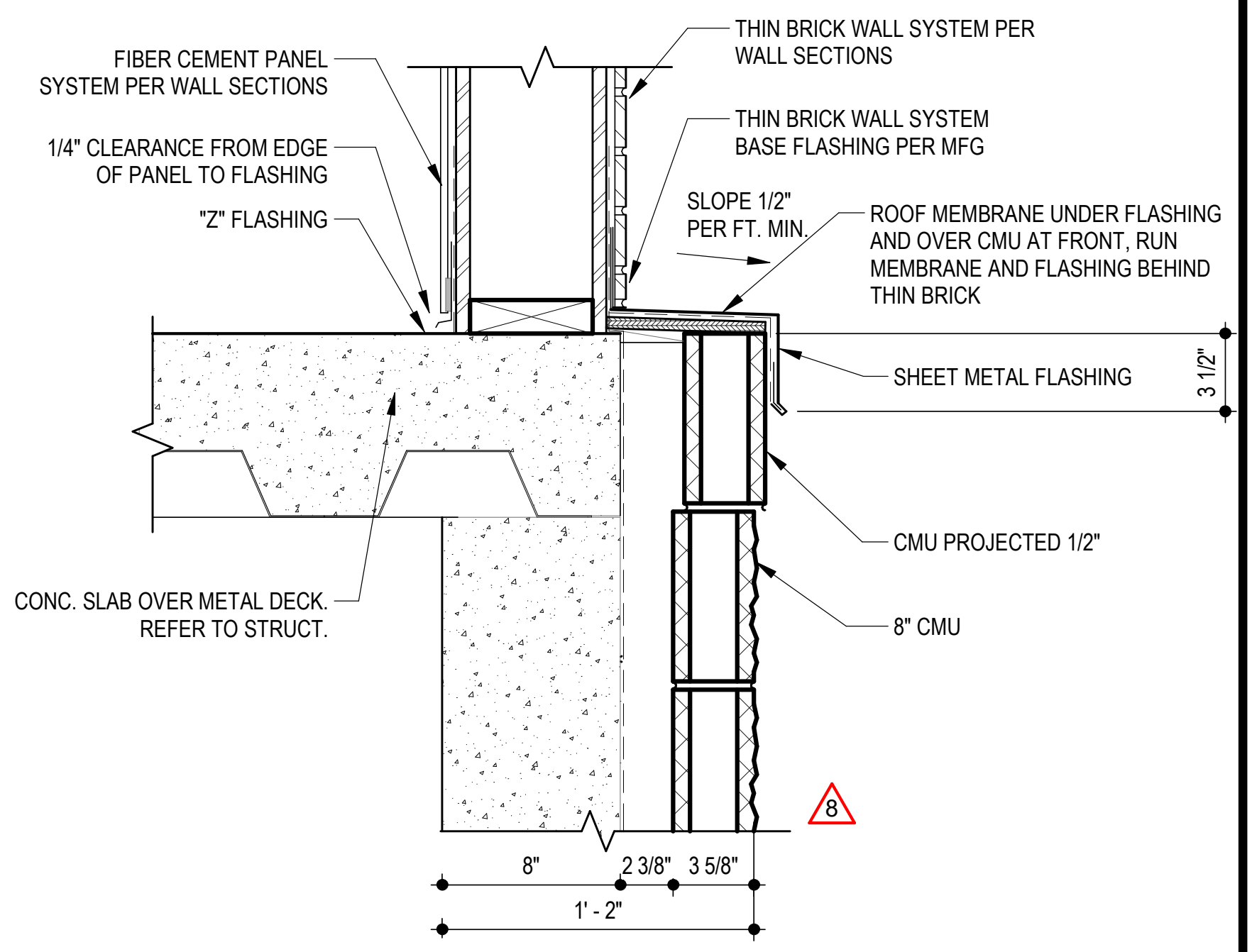
10 F.C. PANEL EXPANSION JOINT

SCALE: 3" = 1'-0"


10
FLOOR FRAMING PER STRUCT.
5/8" GYPSUM BOARD OVER 2x6 WOOD STUDS AND R21 BATT INSULATION
FIBER CEMENT SIDING ON AIR/MOISTURE BARRIER AND SHEATHING
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
3/8" GAP FOR "Z" FLASHING, DO NOT CAULK
1" HARDIE TRIM
"Z" FLASHING ATTACHED TO ZIP SHEATHING
THIN BRICK WALL SYSTEM PER WALL SECTIONS

11 SIDING/THIN BRICK TRANSITION

SCALE: 1 1/2" = 1'-0"

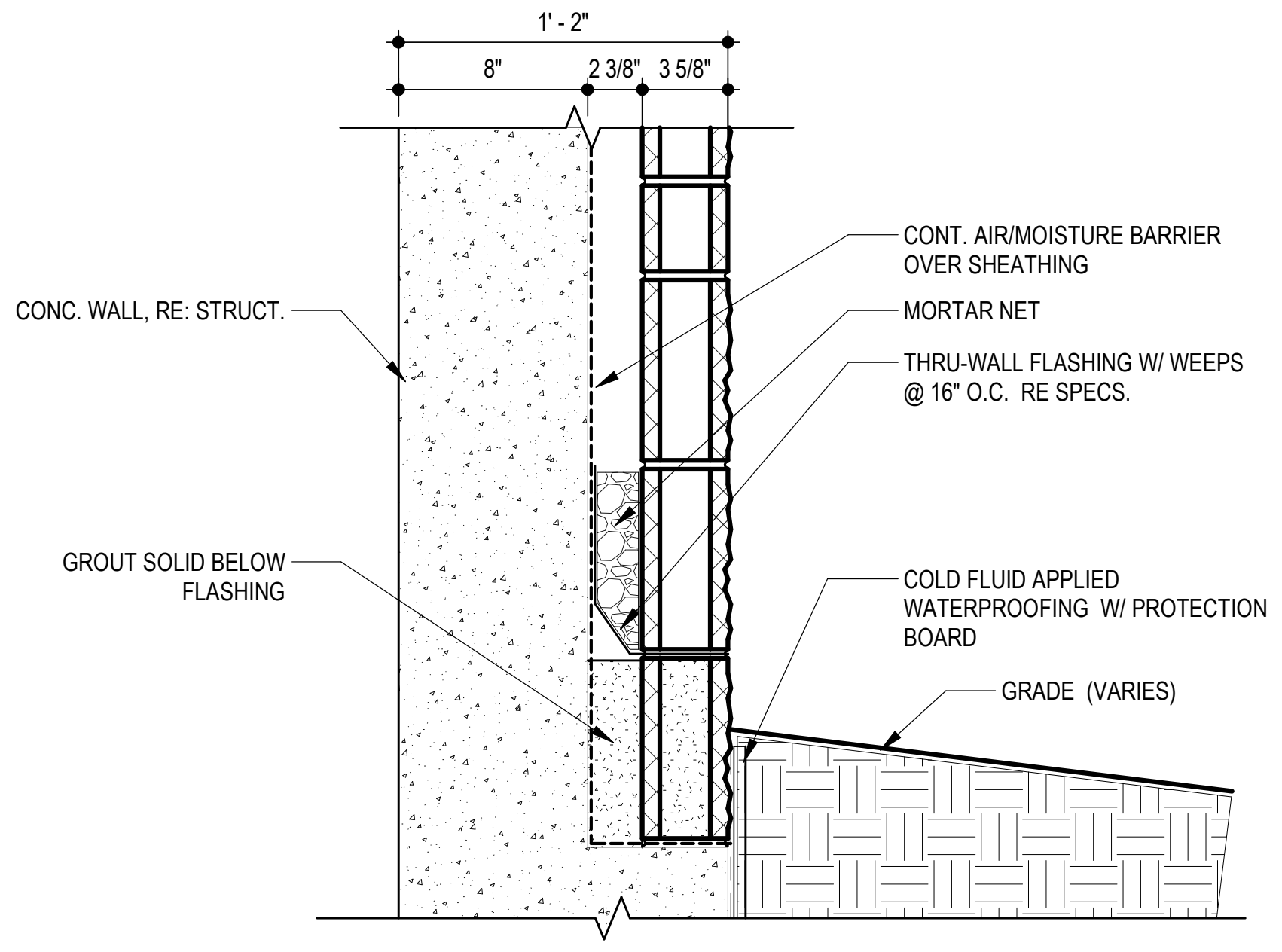

FIBER CEMENT PANEL SYSTEM PER WALL SECTIONS
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
THIN BRICK WALL SYSTEM PER WALL SECTIONS
THIN BRICK WALL SYSTEM BASE FLASHING PER MFG
SLOPE 1/2" PER FT. MIN.
ROOF MEMBRANE UNDER FLASHING AND OVER CMU AT FRONT, RUN MEMBRANE AND FLASHING BEHIND THIN BRICK
SHEET METAL FLASHING
3 1/2"
CMU PROJECTED 1/2"
8" CMU
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.
8
8"
2 3/8"
3 5/8"
1' - 2"

12 THIN BRICK OVER CMU

SCALE: 1 1/2" = 1'-0"

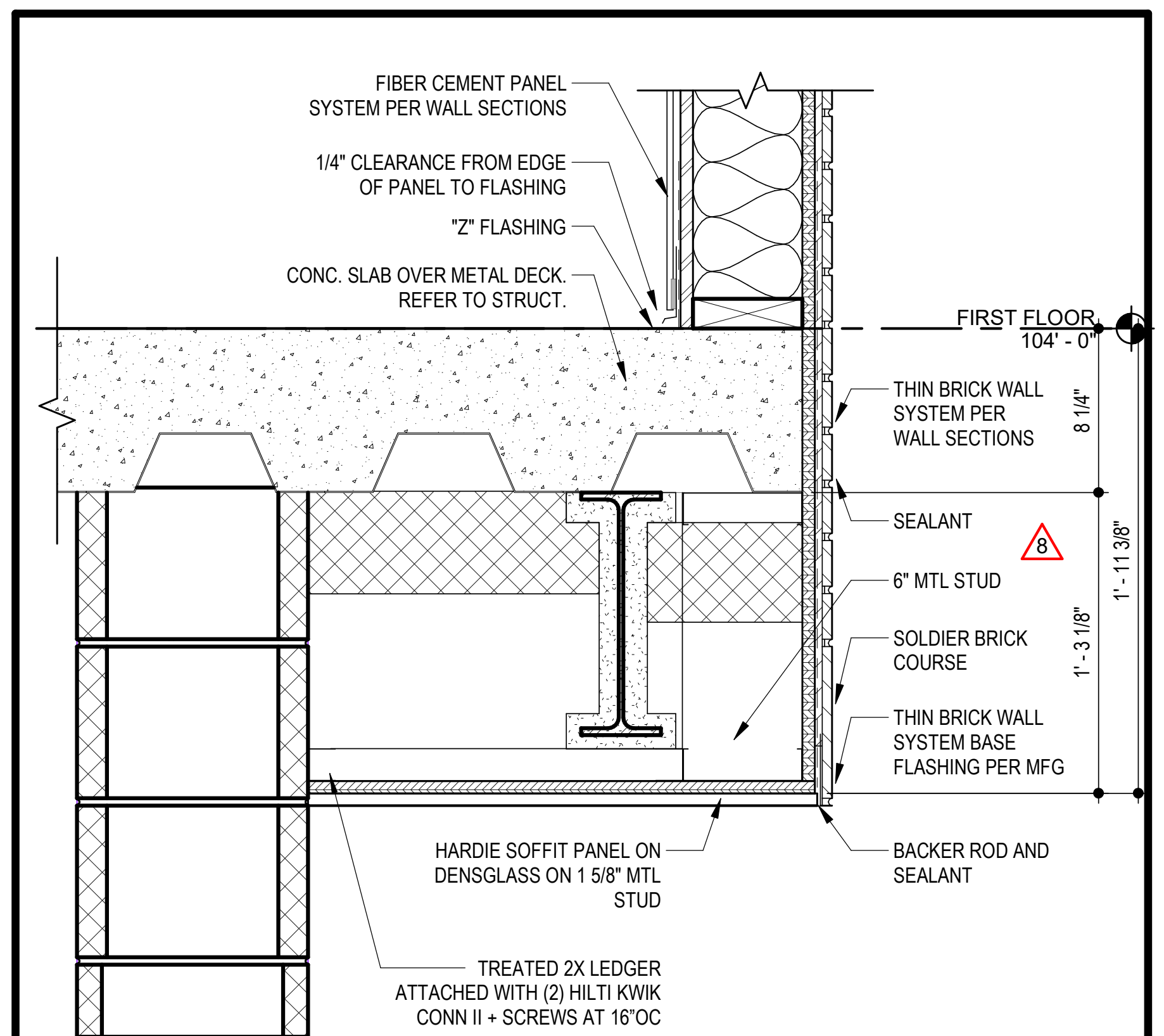
DETAIL EXPANDED AND MOVED TO 3/A323

8


1' - 2"
8"
2 3/8"
3 5/8"
CONC. WALL, RE: STRUCT.
CONT. AIR/MOISTURE BARRIER OVER SHEATHING
MORTAR NET
THRU-WALL FLASHING W/ WEEPS @ 16" O.C. RE SPECS.
GROUT SOLID BELOW FLASHING
COLD FLUID APPLIED WATERPROOFING W/ PROTECTION BOARD
GRADE (VARIES)

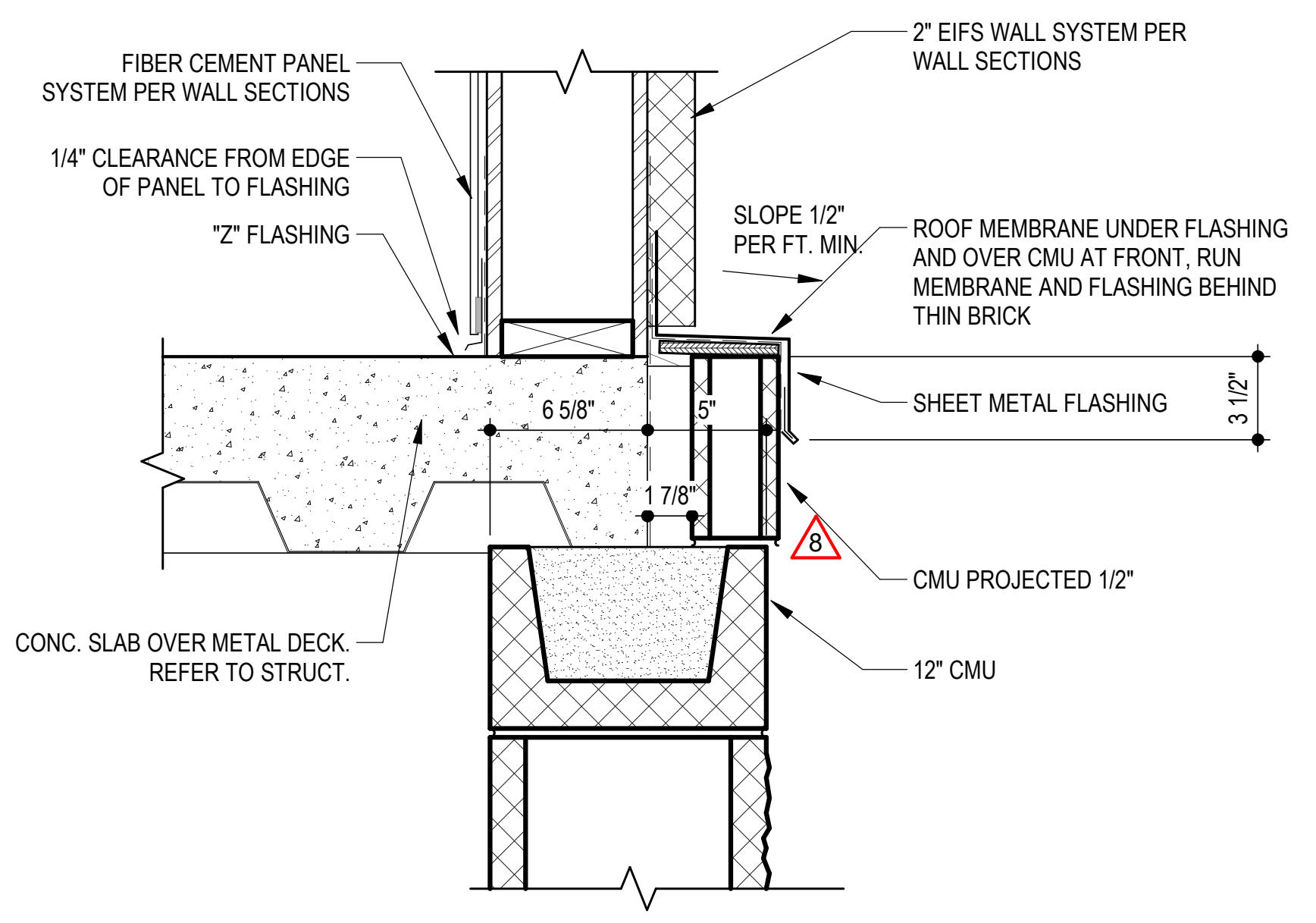
14 CMU VENEER BASE AT CMU

SCALE: 1 1/2" = 1'-0"


FIBER CEMENT PANEL SYSTEM PER WALL SECTIONS
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.
FIRST FLOOR
104' - 0"
THIN BRICK WALL SYSTEM PER WALL SECTIONS
8 1/4"
SEALANT
8
6" MTL STUD
SOLDIER BRICK COURSE
1' - 3 1/8"
1' - 11 3/8"
THIN BRICK WALL SYSTEM BASE FLASHING PER MFG
HARDIE SOFFIT PANEL ON DENSGLASS ON 1 5/8" MTL STUD
BACKER ROD AND SEALANT
TREATED 2X LEDGER ATTACHED WITH (2) HILTI KWIK CONN II + SCREWS AT 16"OC

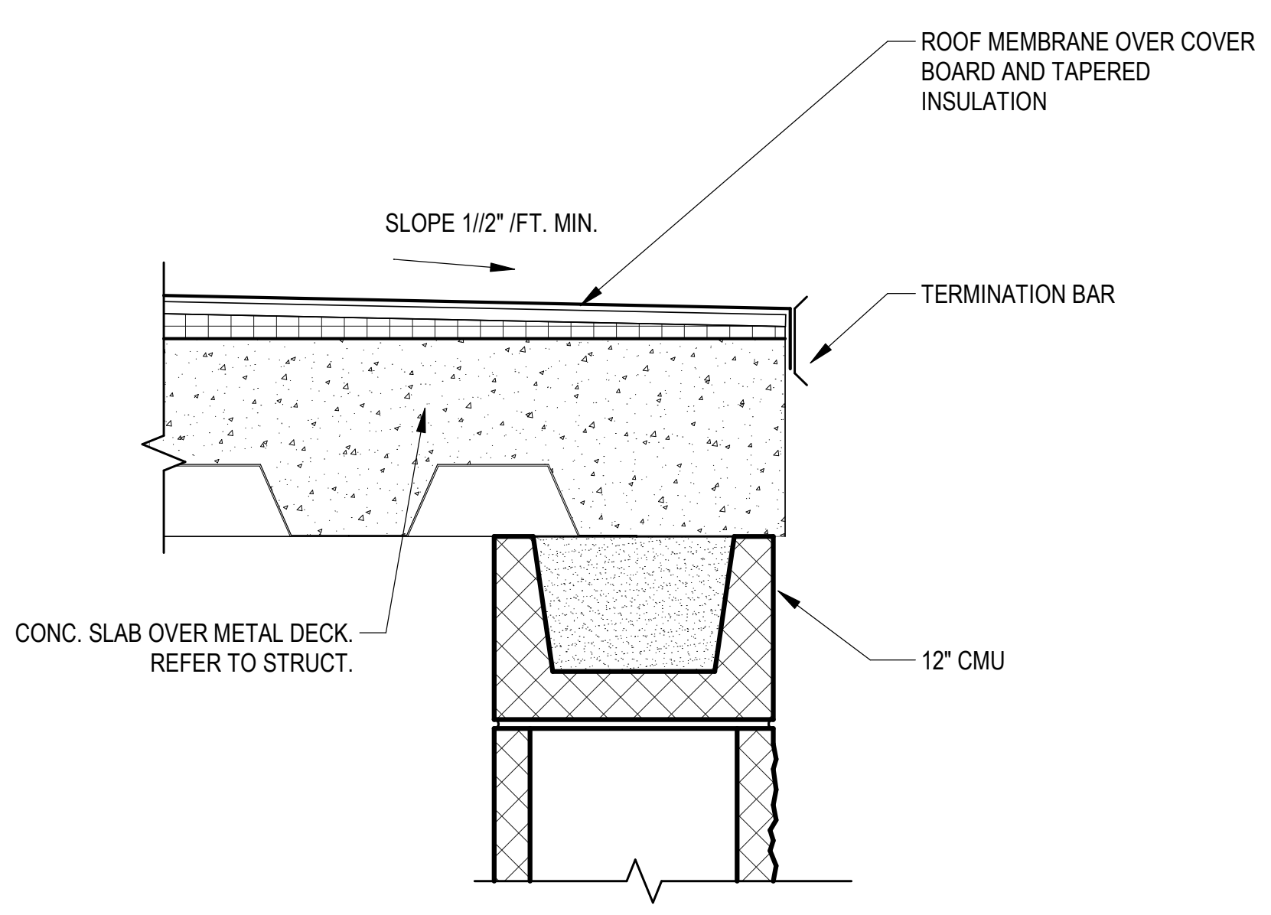
15 SLAB ABOVE F.C. SOFFIT

SCALE: 1 1/2" = 1'-0"


FIBER CEMENT PANEL SYSTEM PER WALL SECTIONS
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
2" EIFS WALL SYSTEM PER WALL SECTIONS
SLOPE 1/2" PER FT. MIN.
ROOF MEMBRANE UNDER FLASHING AND OVER CMU AT FRONT, RUN MEMBRANE AND FLASHING BEHIND THIN BRICK
SHEET METAL FLASHING
3 1/2"
6 5/8"
5"
1 7/8"
8
CMU PROJECTED 1/2"
12" CMU
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.

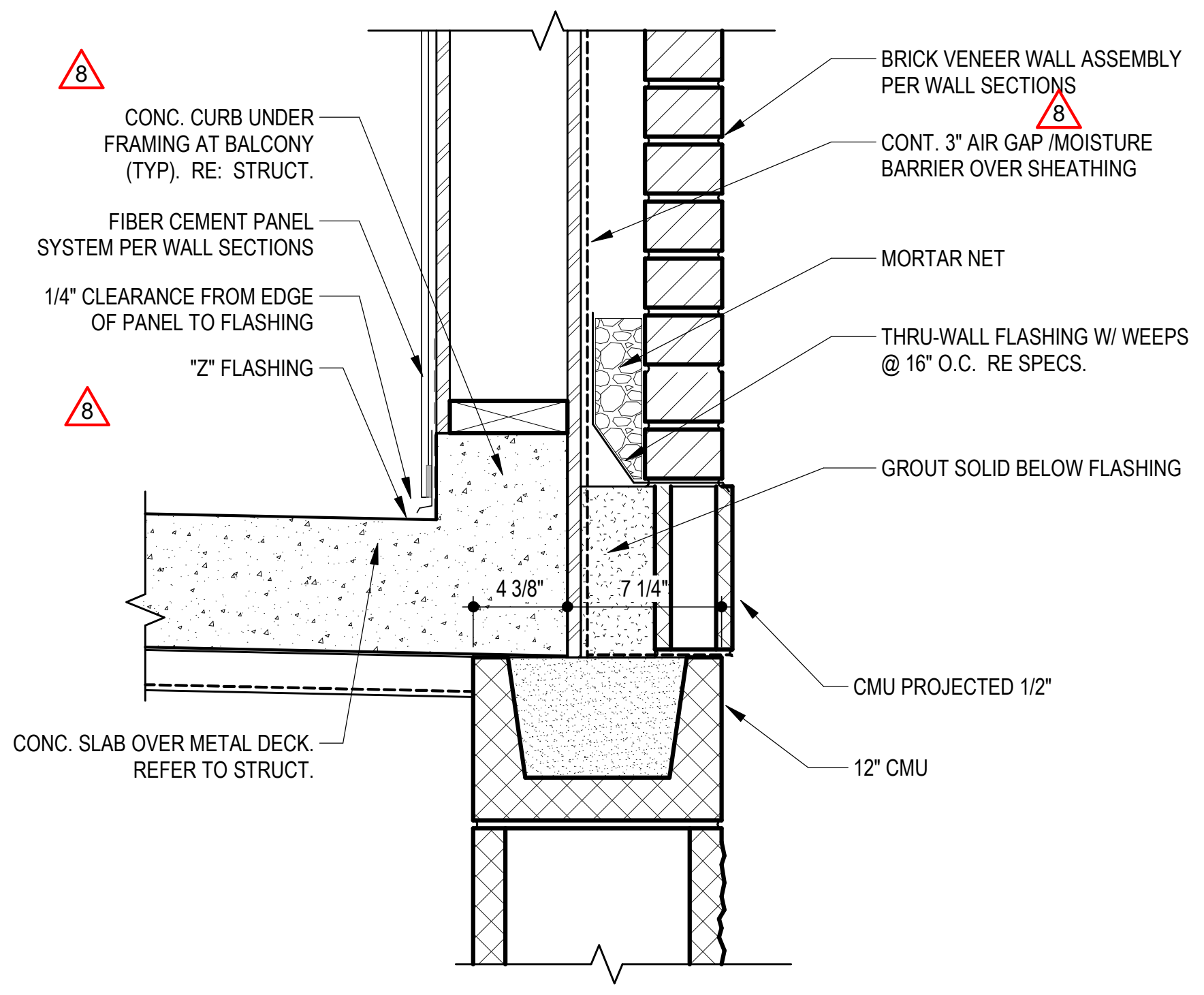
16 EIFS OVER CMU

SCALE: 1 1/2" = 1'-0"


ROOF MEMBRANE OVER COVER BOARD AND TAPERED INSULATION
SLOPE 1//2" /FT. MIN.
TERMINATION BAR
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.
12" CMU

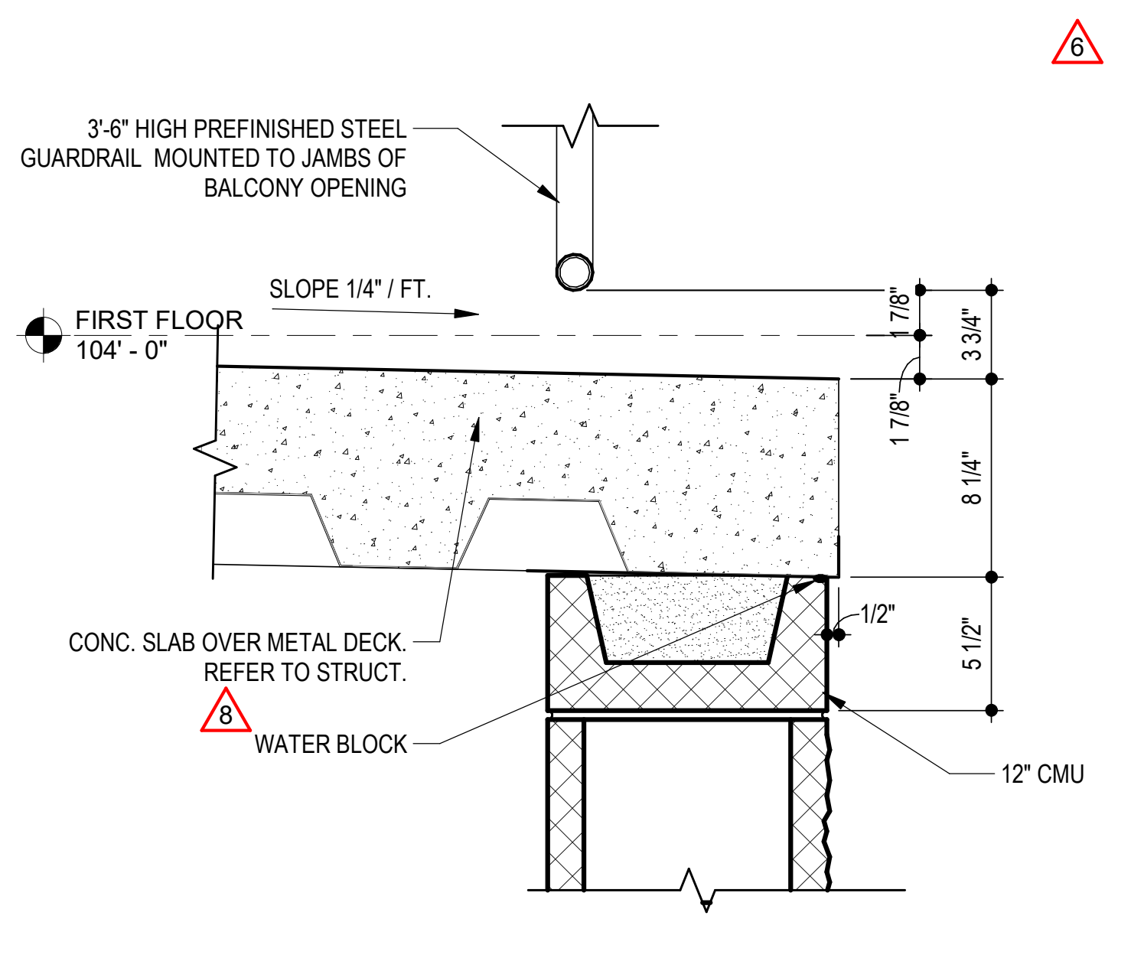
17 SLAB OVER CMU

SCALE: 1 1/2" = 1'-0"


8
CONC. CURB UNDER FRAMING AT BALCONY (TYP). RE: STRUCT.
FIBER CEMENT PANEL SYSTEM PER WALL SECTIONS
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
8
BRICK VENEER WALL ASSEMBLY PER WALL SECTIONS
8
CONT. 3" AIR GAP /MOISTURE BARRIER OVER SHEATHING
MORTAR NET
THRU-WALL FLASHING W/ WEEPS @ 16" O.C. RE SPECS.
GROUT SOLID BELOW FLASHING
4 3/8"
7 1/4"
CMU PROJECTED 1/2"
12" CMU
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.

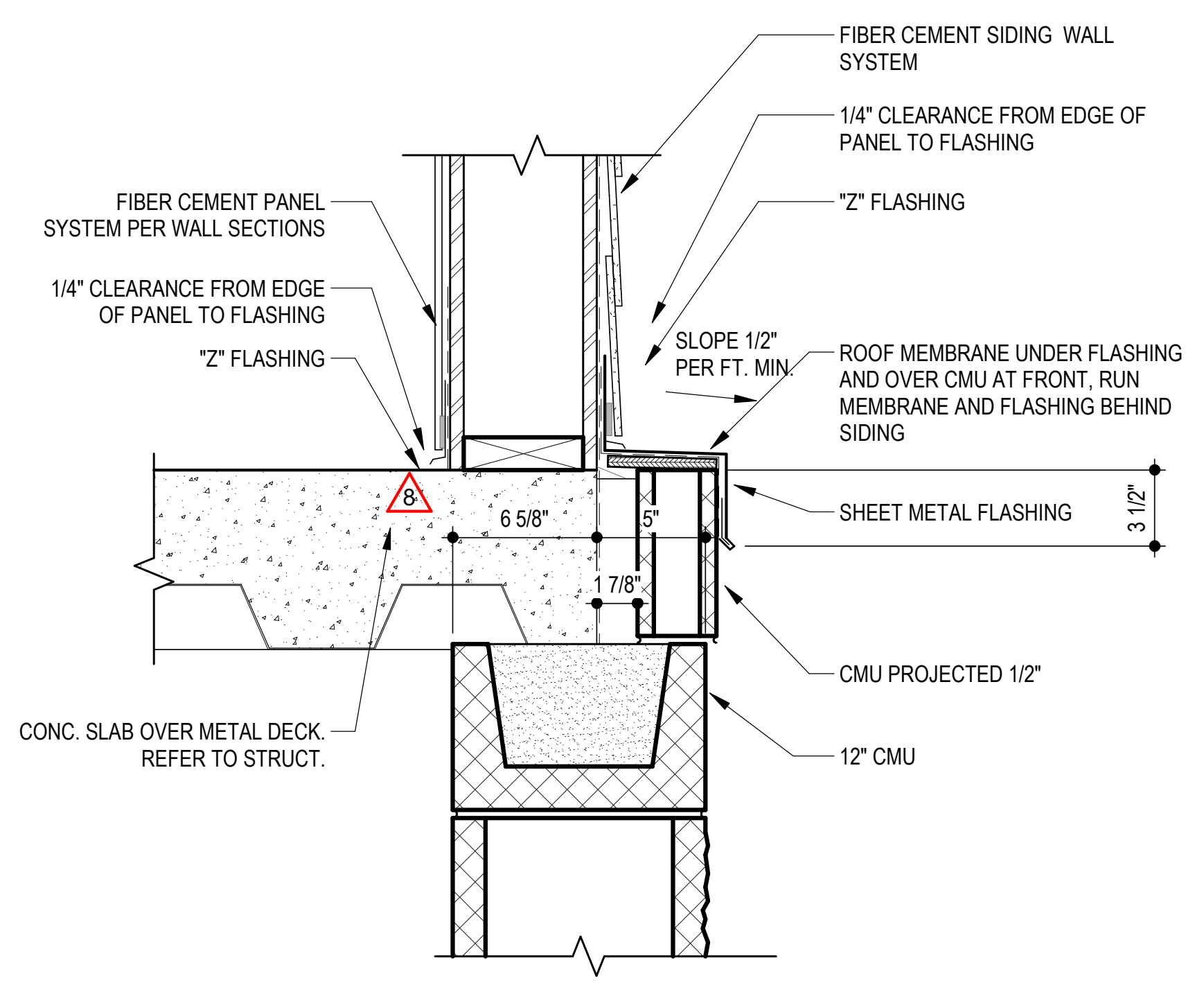
18 BRICK OVER CMU

SCALE: 1 1/2" = 1'-0"


6
3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
SLOPE 1/4" / FT.
FIRST FLOOR
104' - 0"
1 7/8"
1 7/8"
3 3/4"
8 1/4"
1/2"
5 1/2"
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.
8
WATER BLOCK
12" CMU

19 BALCONY SLAB OVER CMU

SCALE: 1 1/2" = 1'-0"


FIBER CEMENT SIDING WALL SYSTEM
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
FIBER CEMENT PANEL SYSTEM PER WALL SECTIONS
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
SLOPE 1/2" PER FT. MIN.
ROOF MEMBRANE UNDER FLASHING AND OVER CMU AT FRONT, RUN MEMBRANE AND FLASHING BEHIND SIDING
SHEET METAL FLASHING
3 1/2"
8
6 5/8"
5"
1 7/8"
CMU PROJECTED 1/2"
12" CMU
CONC. SLAB OVER METAL DECK. REFER TO STRUCT.

20 SIDING OVER CMU

SCALE: 1 1/2" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Summit at West Pryor

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TR,i ARCHITECTS

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DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

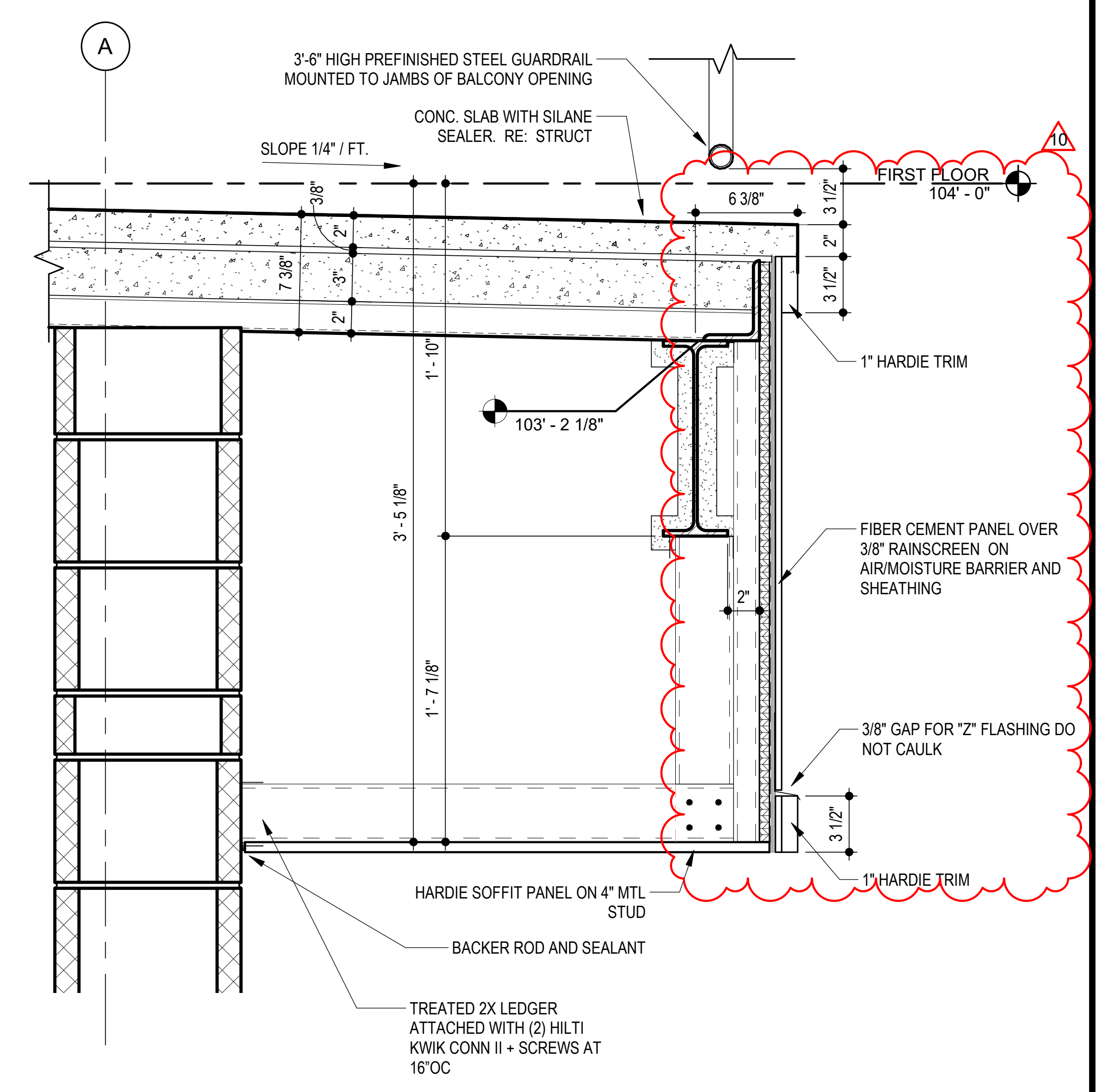
DWG BY AR

TR,i PROJECT NO. 18-046

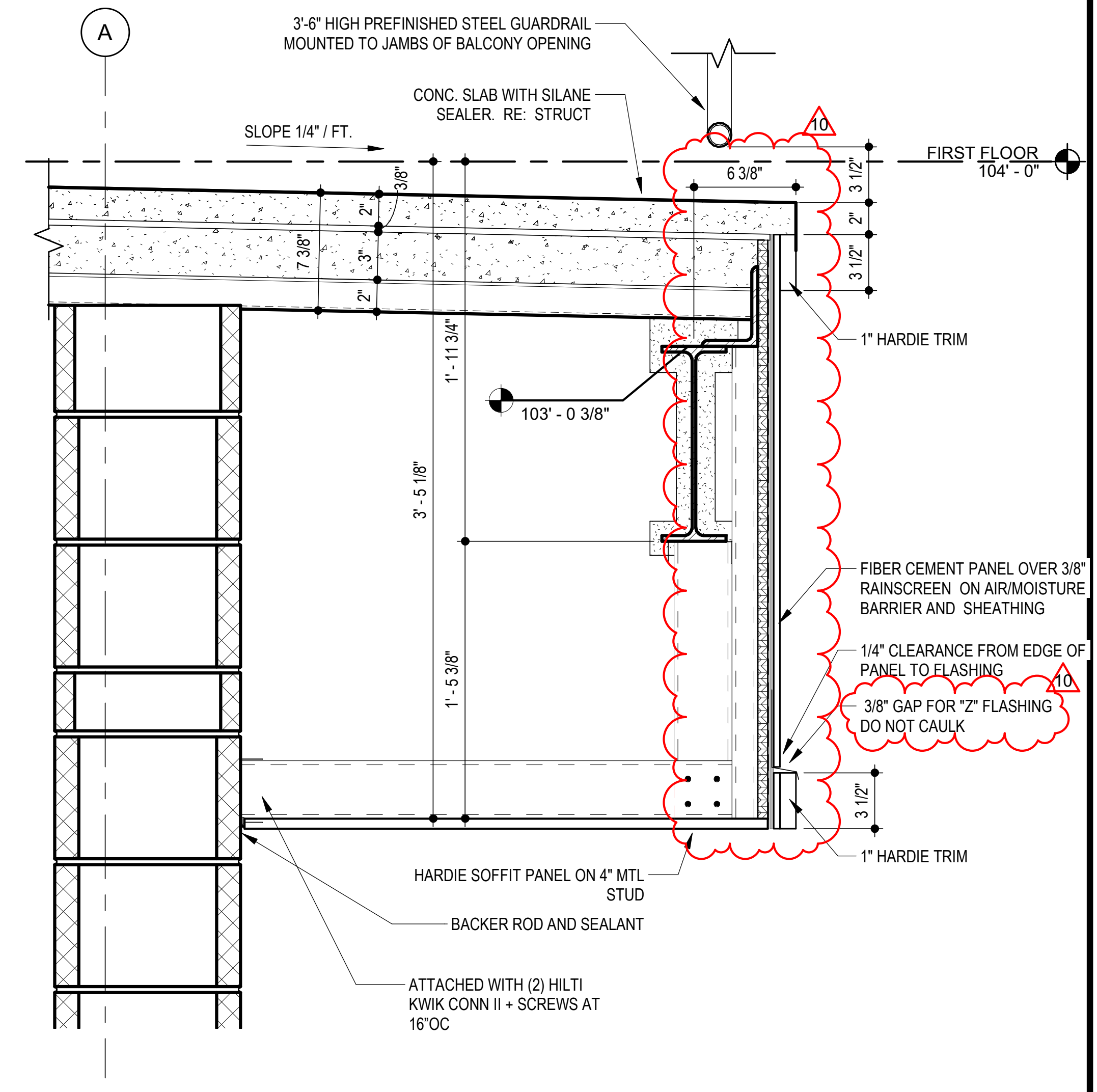
SHEET NO.

A322

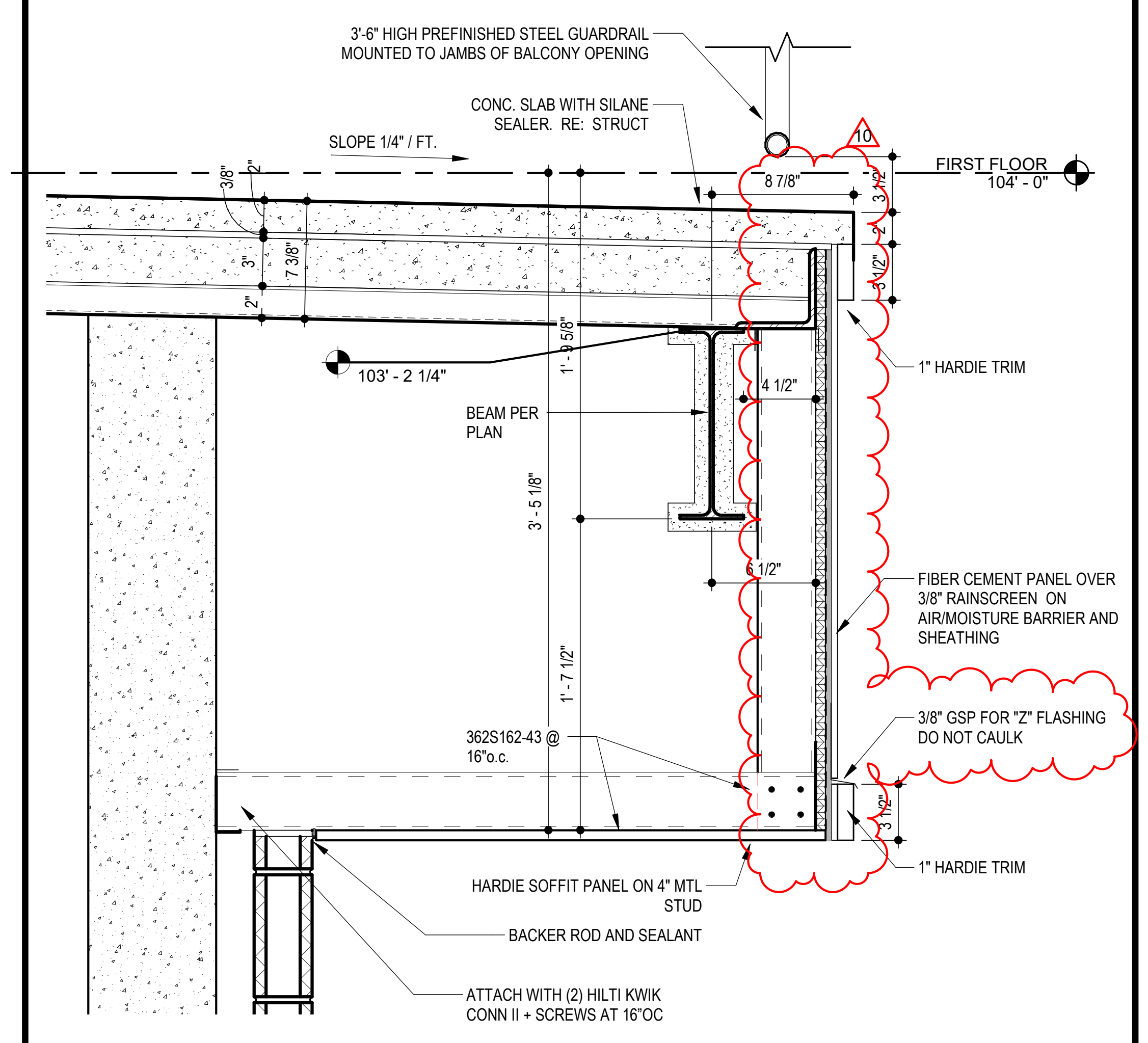
SECTION DETAILS


A
3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
CONC. SLAB WITH SILANE SEALER. RE: STRUCT
SLOPE 1/4" / FT.
FIRST FLOOR 104' - 0"
10
6 3/8"
3 1/2"
2"
3 1/2"
3/8"
2"
7 3/8"
3"
2"
1' - 10"
103' - 2 1/8"
3' - 5 1/8"
1' - 7 1/8"
1" HARDIE TRIM
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
2"
3/8" GAP FOR "Z" FLASHING DO NOT CAULK
3 1/2"
1" HARDIE TRIM
HARDIE SOFFIT PANEL ON 4" MTL STUD
BACKER ROD AND SEALANT
TREATED 2X LEDGER ATTACHED WITH (2) HILTI KWIK CONN II + SCREWS AT 16"OC

1 **BALCONY SLAB ABOVE F.C. SOFFIT - BETWEEN GRID 3.1 - 3.4**
SCALE: 1 1/2" = 1'-0"

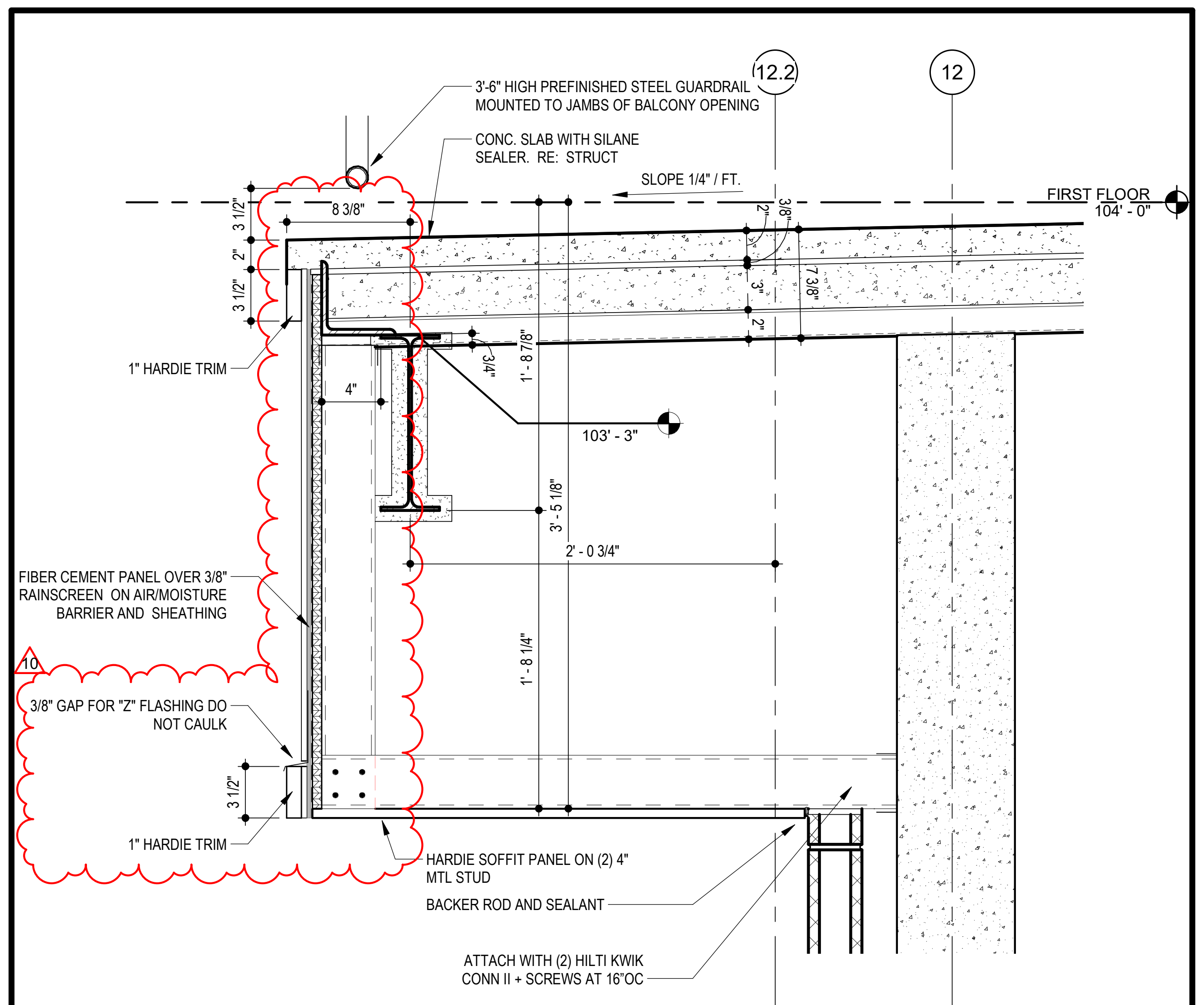

A
3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
CONC. SLAB WITH SILANE SEALER. RE: STRUCT
SLOPE 1/4" / FT.
10
FIRST FLOOR 104' - 0"
6 3/8"
3 1/2"
2"
3 1/2"
3/8"
2"
7 3/8"
3"
2"
1' - 11 3/4"
103' - 0 3/8"
3' - 5 1/8"
1' - 5 3/8"
1" HARDIE TRIM
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
10
3/8" GAP FOR "Z" FLASHING DO NOT CAULK
3 1/2"
1" HARDIE TRIM
HARDIE SOFFIT PANEL ON 4" MTL STUD
BACKER ROD AND SEALANT
ATTACHED WITH (2) HILTI KWIK CONN II + SCREWS AT 16"OC

3 **BALCONY SLAB ABOVE F.C. SOFFIT - BETWEEN GRID 9.4 - 10**
SCALE: 1 1/2" = 1'-0"

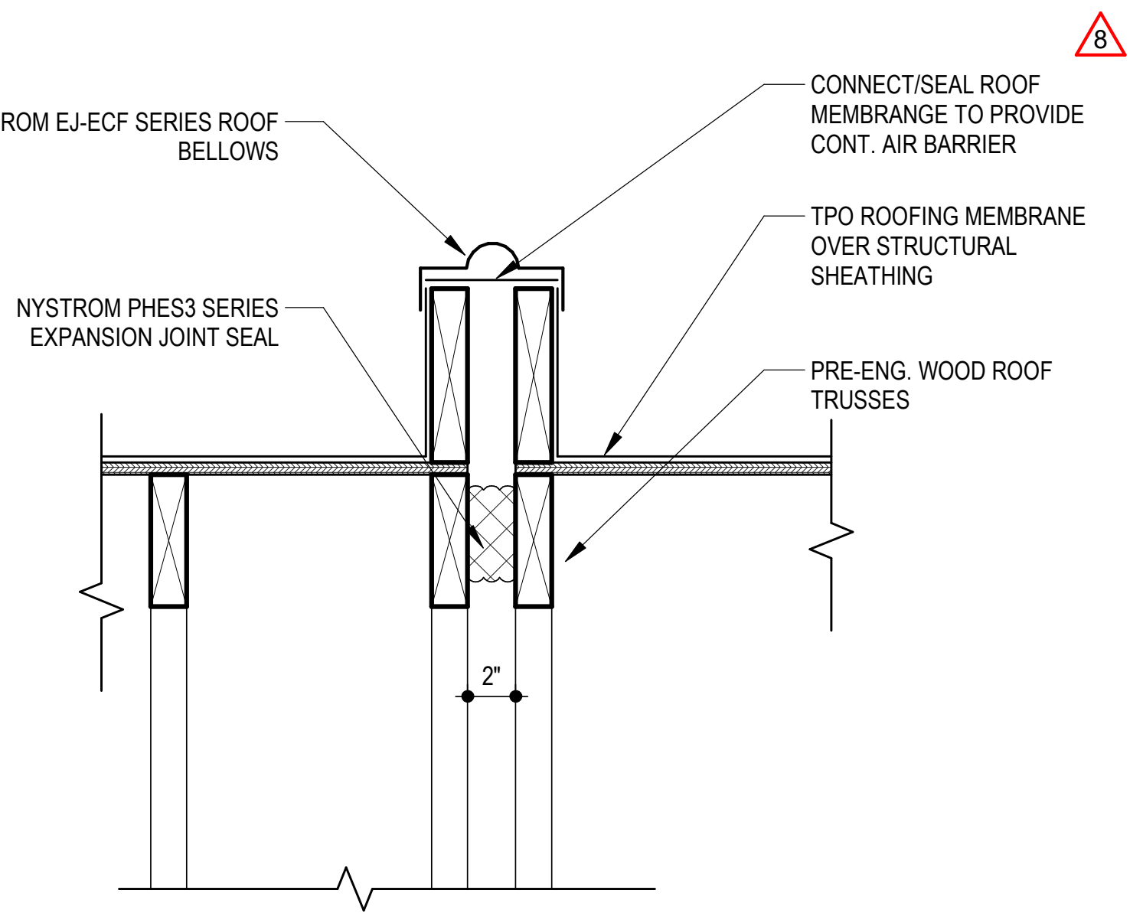

3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
CONC. SLAB WITH SILANE SEALER. RE: STRUCT
SLOPE 1/4" / FT.
10
FIRST FLOOR 104' - 0"
8 7/8"
3 1/2"
2
3 1/2"
3/8"
2"
3"
7 3/8"
2"
1' - 9 5/8"
103' - 2 1/4"
4 1/2"
BEAM PER PLAN
3' - 5 1/8"
6 1/2"
1' - 7 1/2"
1" HARDIE TRIM
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
3/8" GSP FOR "Z" FLASHING DO NOT CAULK
362S162-43 @ 16"o.c.
3 1/2"
1" HARDIE TRIM
HARDIE SOFFIT PANEL ON 4" MTL STUD
BACKER ROD AND SEALANT
ATTACH WITH (2) HILTI KWIK CONN II + SCREWS AT 16"OC

4 **BALCONY SLAB ABOVE F.C. SOFFIT - NEAR GRID C SOUTH ELEVATION**
SCALE: 1 1/2" = 1'-0"

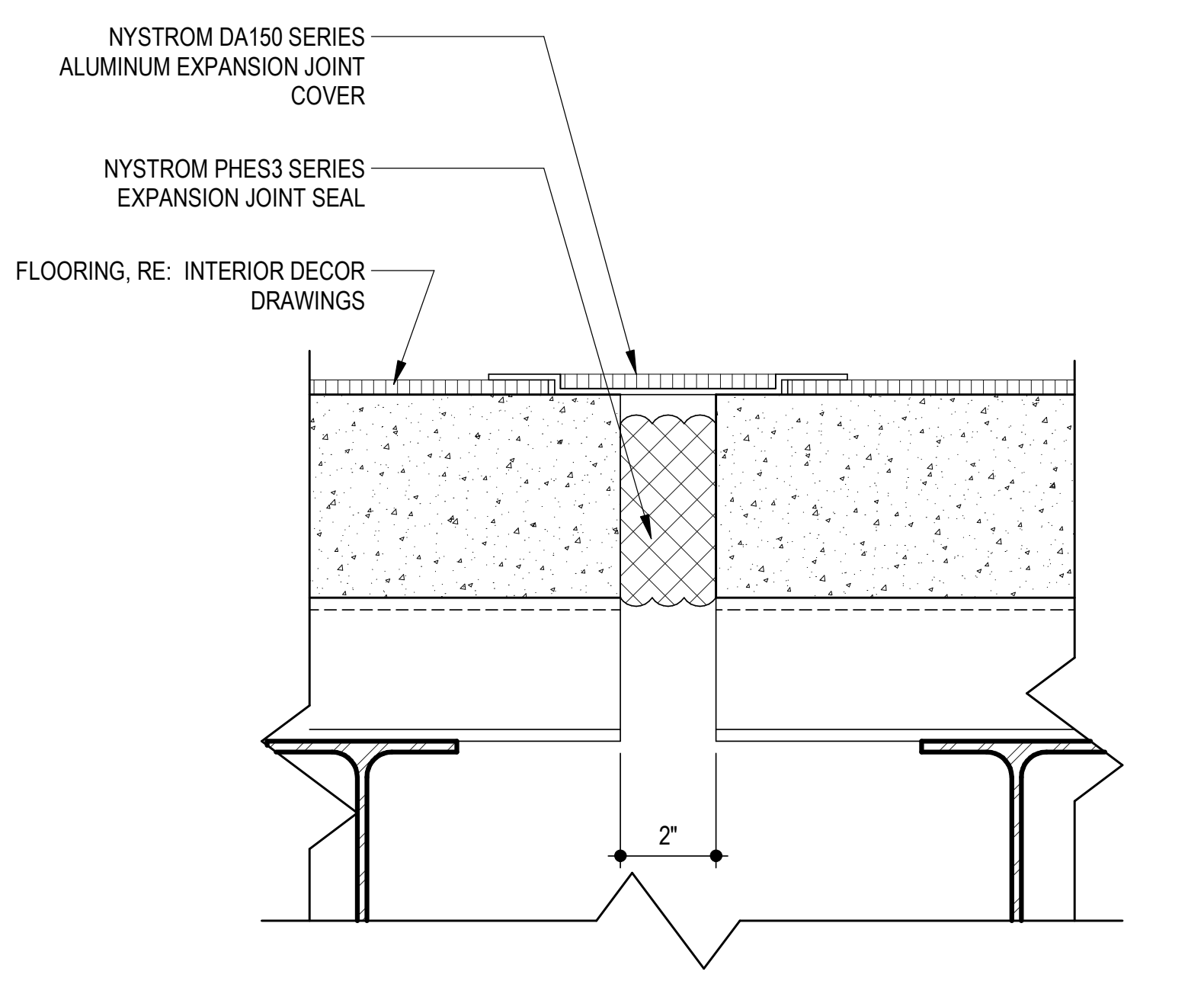
8


12.2
12
3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
CONC. SLAB WITH SILANE SEALER. RE: STRUCT
SLOPE 1/4" / FT.
FIRST FLOOR 104' - 0"
8 3/8"
3 1/2"
2"
3 1/2"
2"
3/8"
3"
7 3/8"
2"
3/4"
1' - 8 7/8"
103' - 3"
4"
3' - 5 1/8"
2' - 0 3/4"
1' - 8 1/4"
1" HARDIE TRIM
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
10
3/8" GAP FOR "Z" FLASHING DO NOT CAULK
3 1/2"
1" HARDIE TRIM
HARDIE SOFFIT PANEL ON (2) 4" MTL STUD
BACKER ROD AND SEALANT
ATTACH WITH (2) HILTI KWIK CONN II + SCREWS AT 16"OC

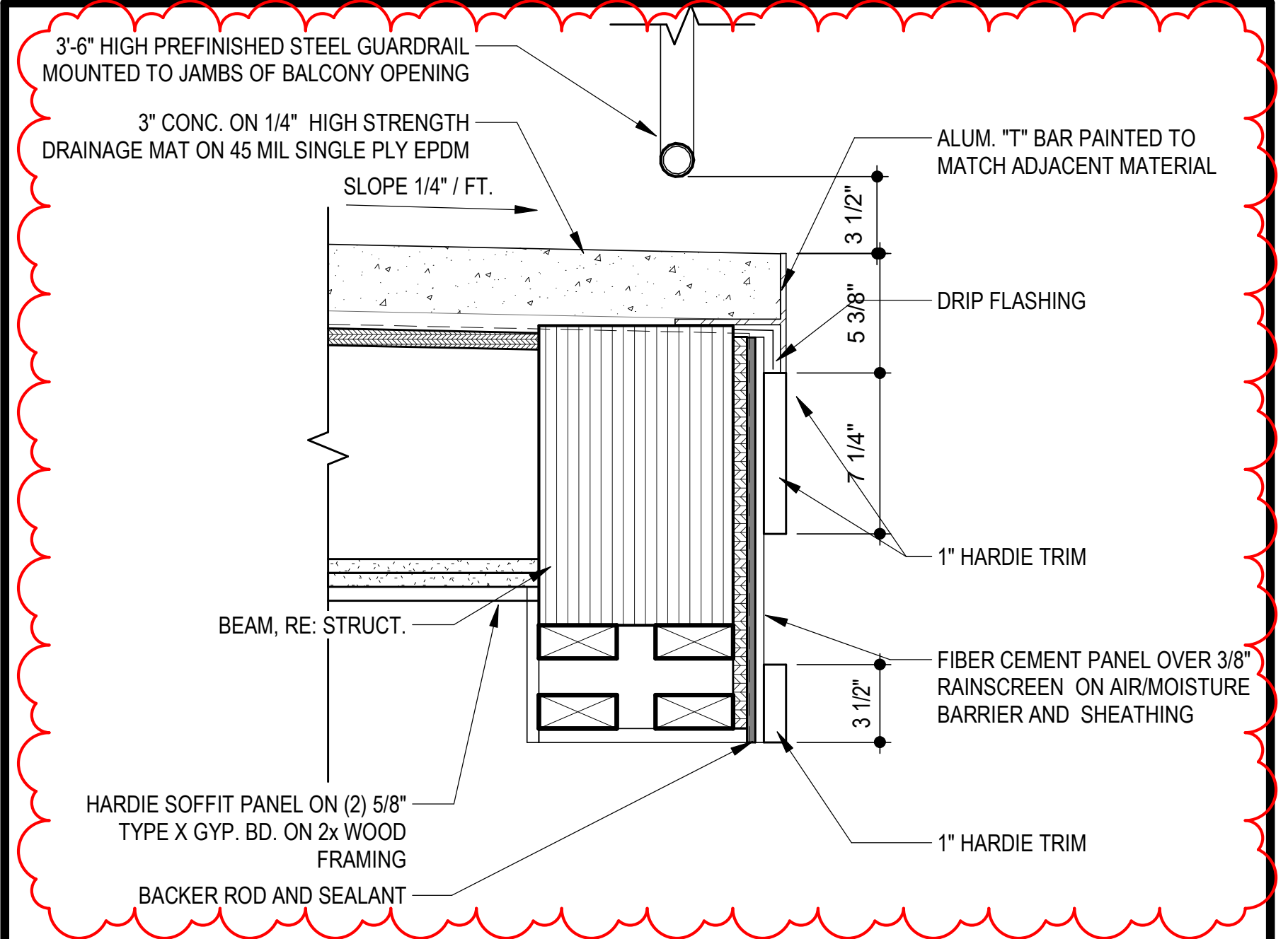
8 **BALCONY SLAB ABOVE F.C. SOFFIT - NEAR GRID C NORTH ELEVATION**
SCALE: 1 1/2" = 1'-0"


8
NYSTROM EJ-ECF SERIES ROOF BELLOWS
CONNECT/SEAL ROOF MEMBRANGE TO PROVIDE CONT. AIR BARRIER
NYSTROM PHES3 SERIES EXPANSION JOINT SEAL
TPO ROOFING MEMBRANE OVER STRUCTURAL SHEATHING
PRE-ENG. WOOD ROOF TRUSSES
2"

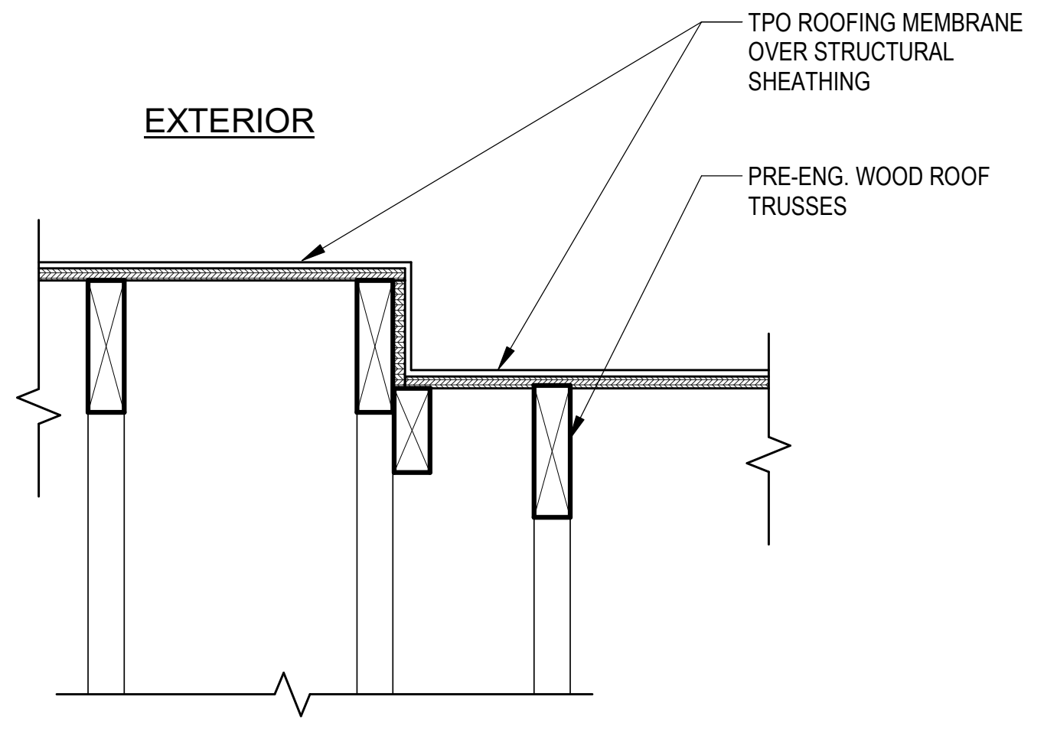
9 **ROOF EXPANSION JOINT DETAIL**
SCALE: 1 1/2" = 1'-0"


NYSTROM DA150 SERIES ALUMINUM EXPANSION JOINT COVER
NYSTROM PHES3 SERIES EXPANSION JOINT SEAL
FLOORING, RE: INTERIOR DECOR DRAWINGS
2"

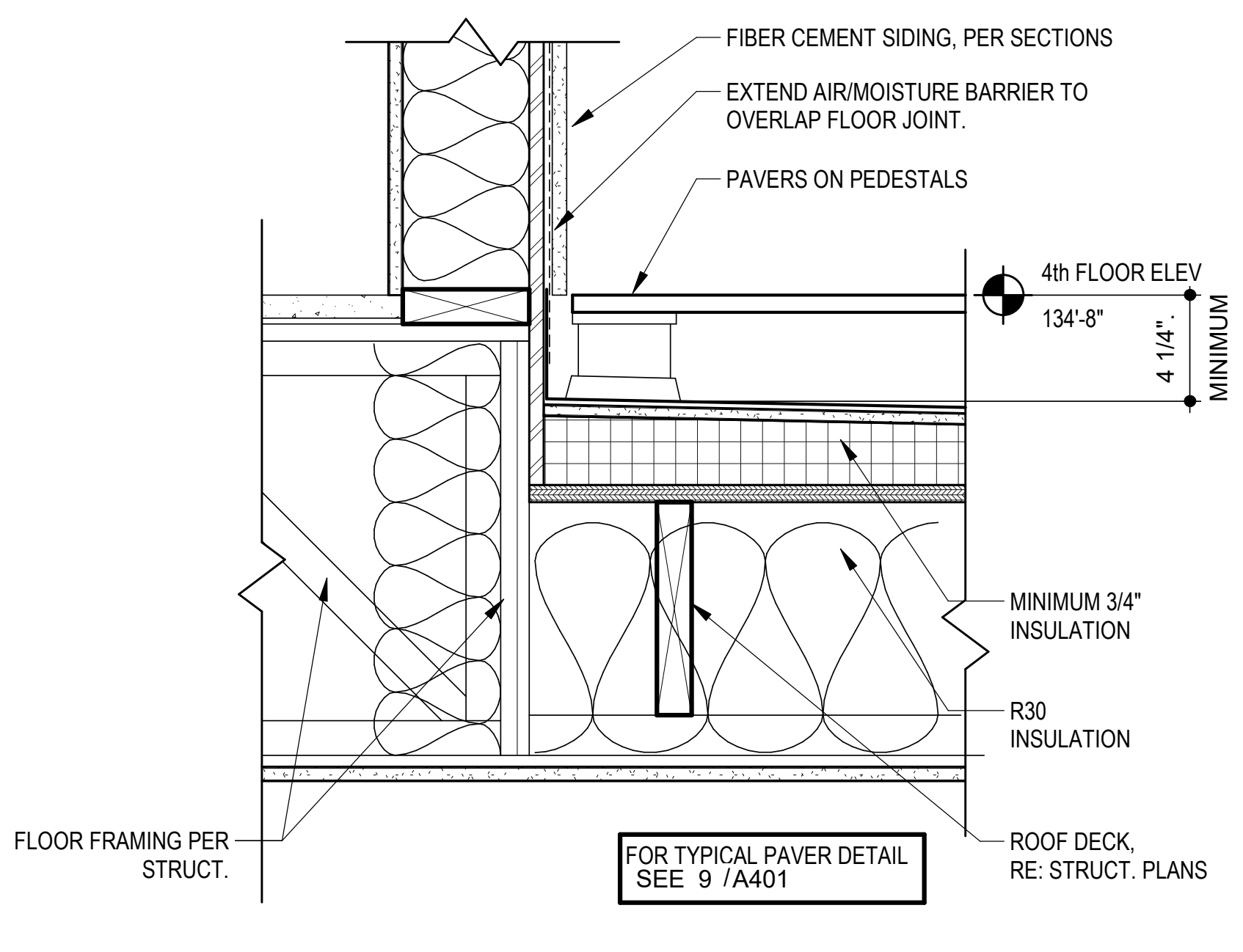
10 **EXPANSION JOINT COVER AT FLOOR**
SCALE: 3" = 1'-0"


10
3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
3" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
ALUM. "T" BAR PAINTED TO MATCH ADJACENT MATERIAL
3 1/2"
5 3/8"
DRIP FLASHING
7 1/4"
1" HARDIE TRIM
BEAM, RE: STRUCT.
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
3 1/2"
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON 2x WOOD FRAMING
1" HARDIE TRIM
BACKER ROD AND SEALANT

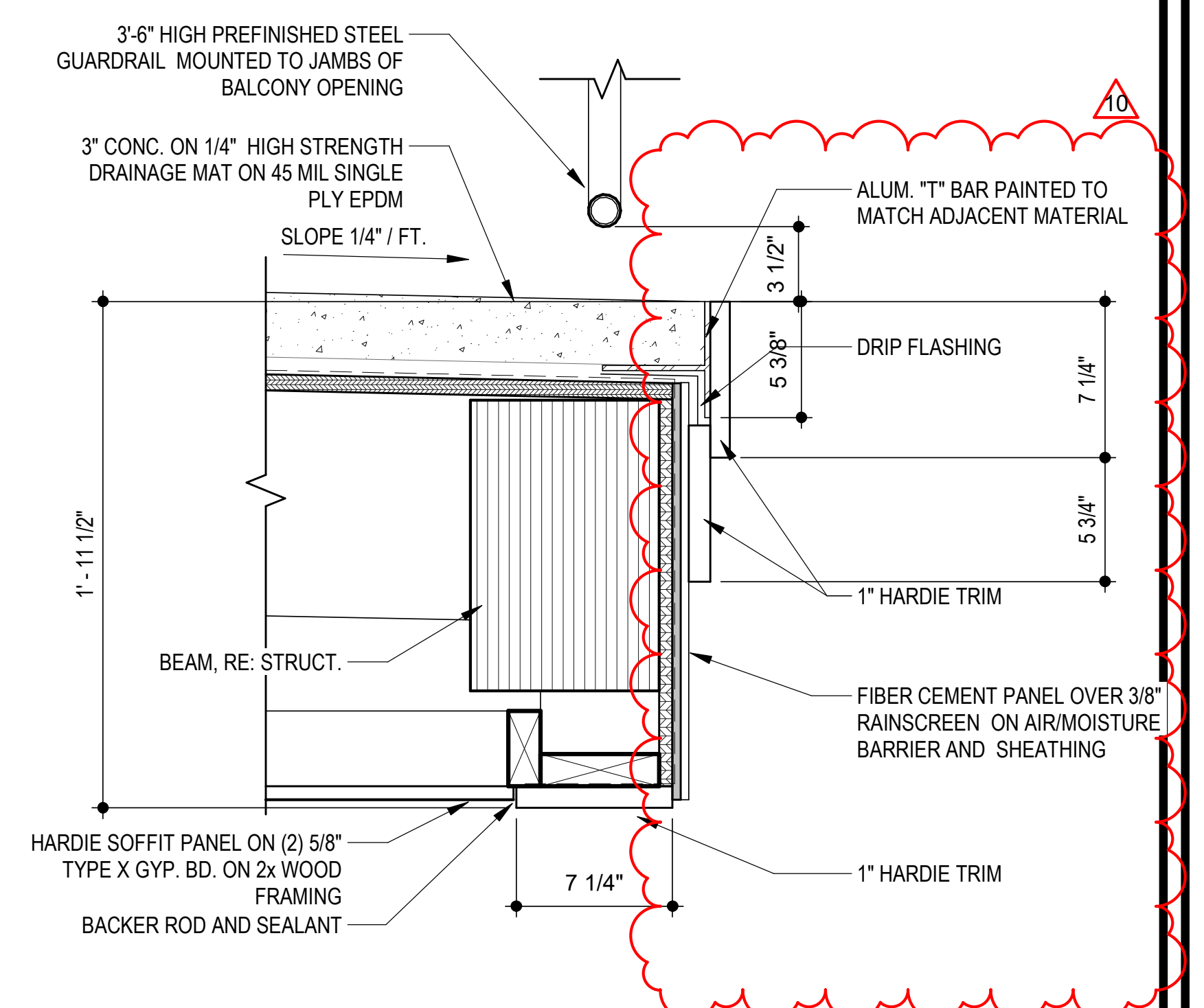
11 **BALCONY SLAB AT TRIM - THIRD FLOOR**
SCALE: 1 1/2" = 1'-0"


EXTERIOR
TPO ROOFING MEMBRANE OVER STRUCTURAL SHEATHING
PRE-ENG. WOOD ROOF TRUSSES

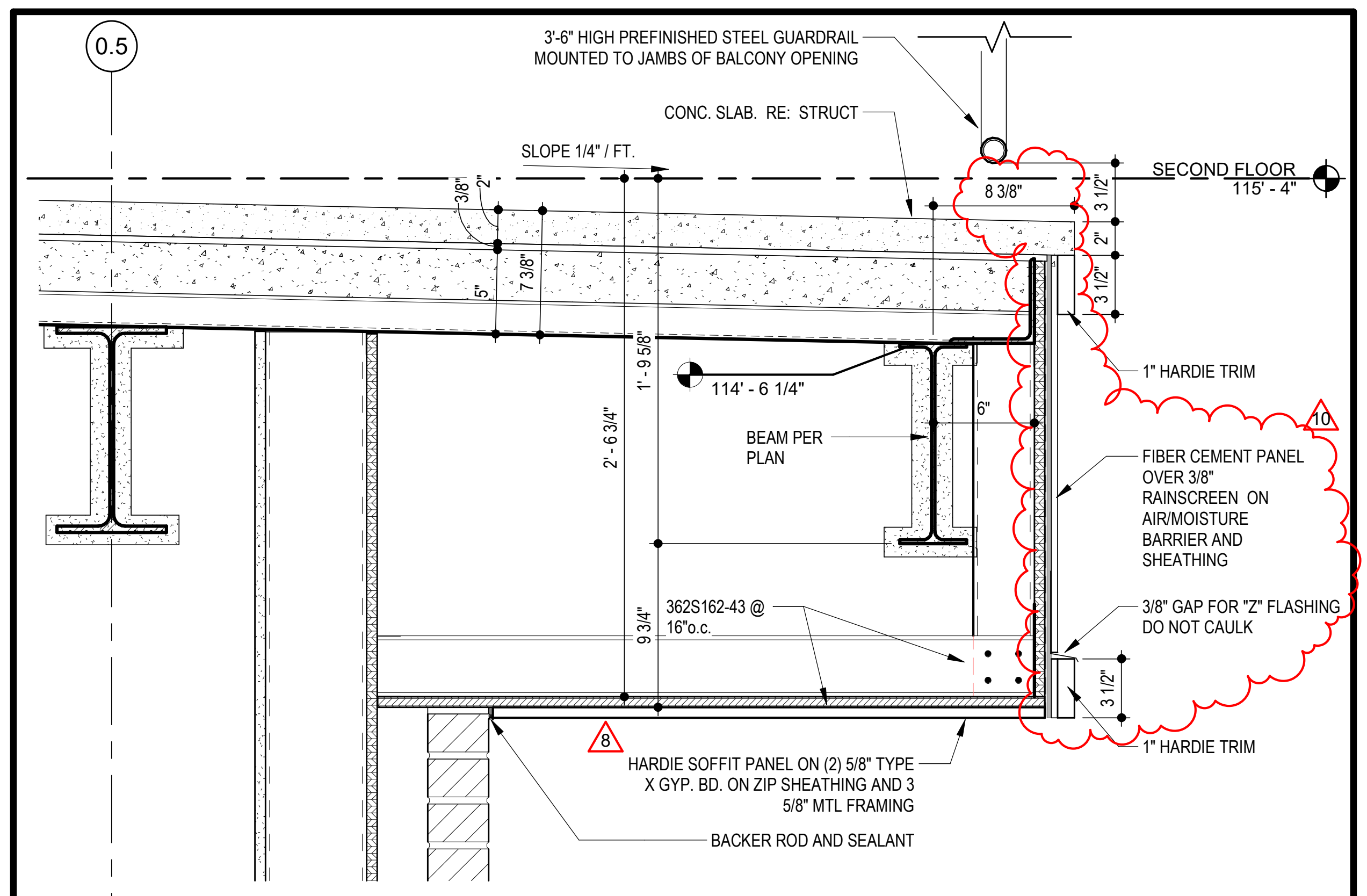
13 **ROOF TRANSITION DETAIL**
SCALE: 1 1/2" = 1'-0"


FIBER CEMENT SIDING, PER SECTIONS
EXTEND AIR/MOISTURE BARRIER TO OVERLAP FLOOR JOINT.
PAVERS ON PEDESTALS
4th FLOOR ELEV 134'-8"
4 1/4"
MINIMUM
MINIMUM 3/4" INSULATION
R30 INSULATION
FLOOR FRAMING PER STRUCT.
FOR TYPICAL PAVER DETAIL SEE 9 /A401
ROOF DECK, RE: STRUCT. PLANS

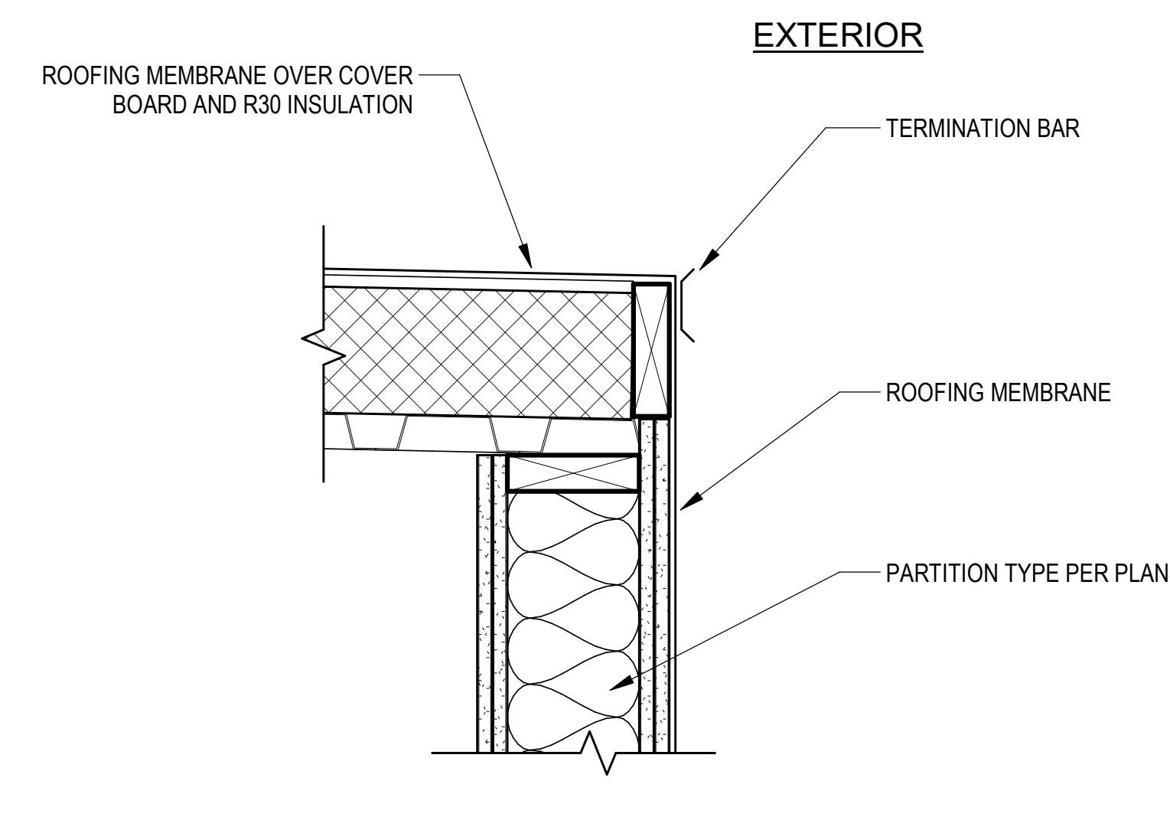
14 **DETAIL AT ROOF PATIO**
SCALE: 1 1/2" = 1'-0"


3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
10
3" CONC. ON 1/4" HIGH STRENGTH DRAINAGE MAT ON 45 MIL SINGLE PLY EPDM
SLOPE 1/4" / FT.
ALUM. "T" BAR PAINTED TO MATCH ADJACENT MATERIAL
3 1/2"
5 3/8"
DRIP FLASHING
7 1/4"
5 3/4"
1' - 11 1/2"
1" HARDIE TRIM
BEAM, RE: STRUCT.
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON 2x WOOD FRAMING
7 1/4"
1" HARDIE TRIM
BACKER ROD AND SEALANT

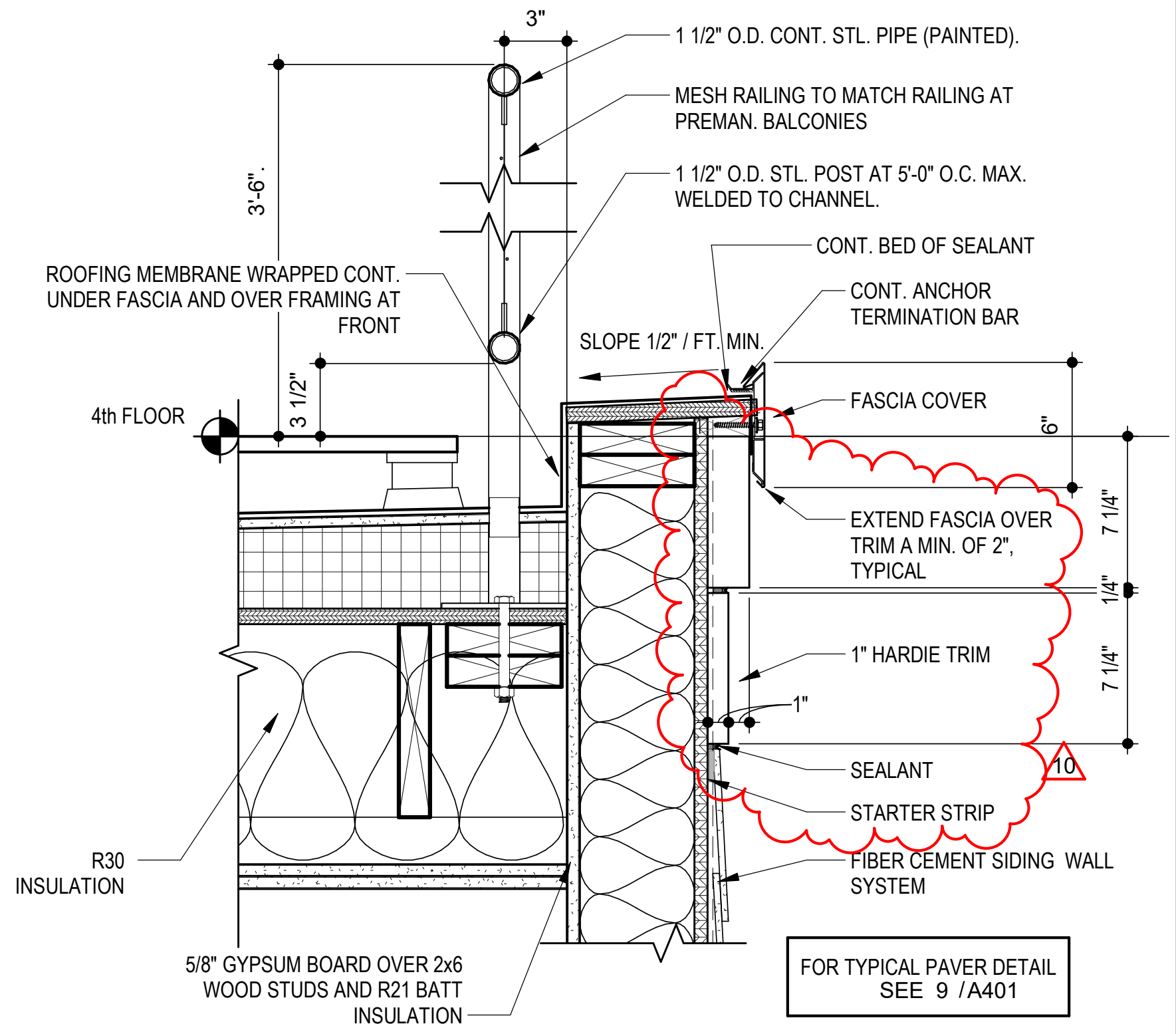
15 **BALCONY SLAB AT TRIM**
SCALE: 1 1/2" = 1'-0"


0.5
3'-6" HIGH PREFINISHED STEEL GUARDRAIL MOUNTED TO JAMBS OF BALCONY OPENING
CONC. SLAB. RE: STRUCT
SLOPE 1/4" / FT.
SECOND FLOOR 115' - 4"
8 3/8"
3 1/2"
2"
3 1/2"
3/8"
2"
5"
7 3/8"
1' - 9 5/8"
2' - 6 3/4"
114' - 6 1/4"
6"
BEAM PER PLAN
1" HARDIE TRIM
10
FIBER CEMENT PANEL OVER 3/8" RAINSCREEN ON AIR/MOISTURE BARRIER AND SHEATHING
9 3/4"
362S162-43 @ 16"o.c.
3/8" GAP FOR "Z" FLASHING DO NOT CAULK
3 1/2"
1" HARDIE TRIM
8
HARDIE SOFFIT PANEL ON (2) 5/8" TYPE X GYP. BD. ON ZIP SHEATHING AND 3 5/8" MTL FRAMING
BACKER ROD AND SEALANT

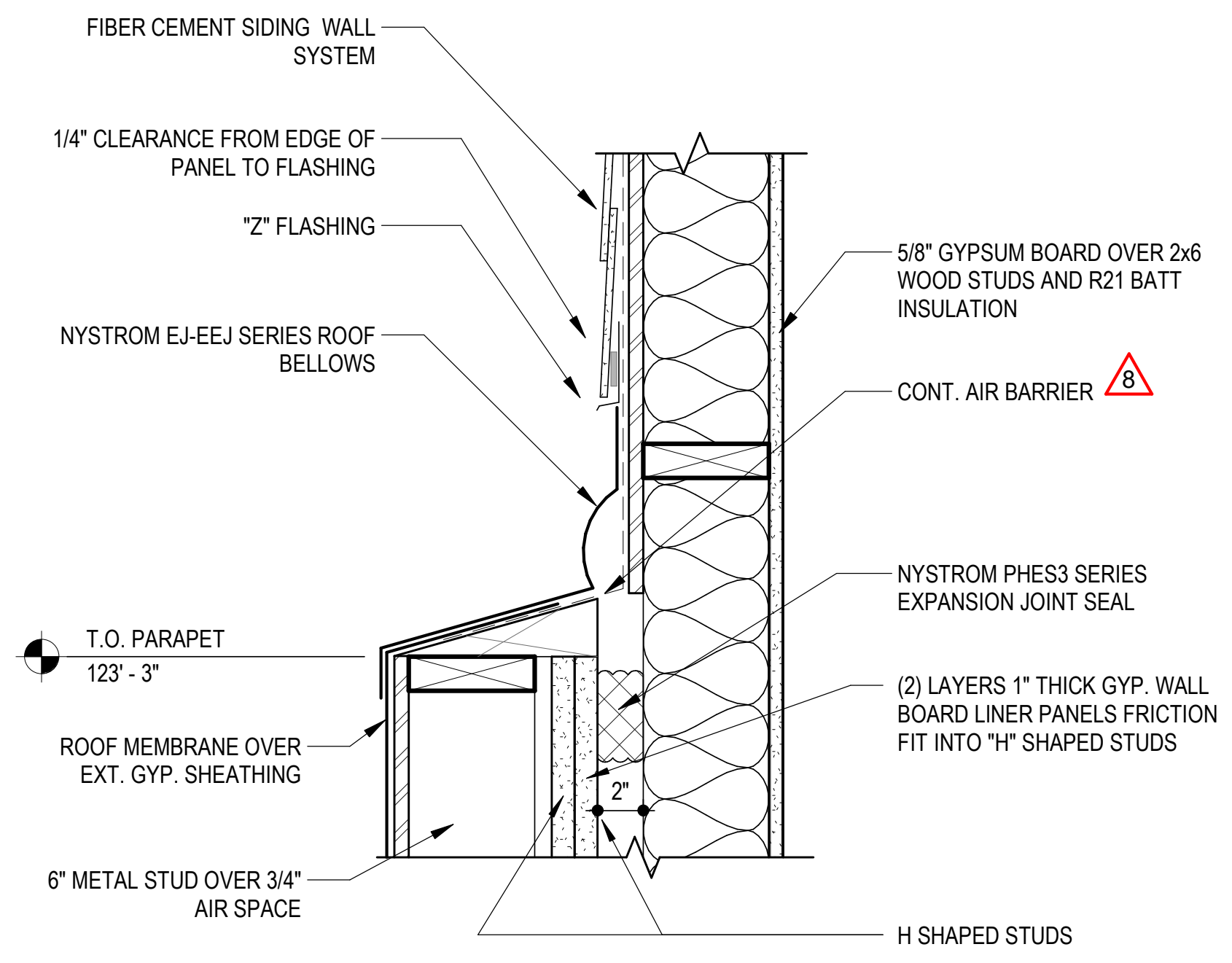
16 **D1 BALCONY ABOVE RETAIL**
SCALE: 1 1/2" = 1'-0"



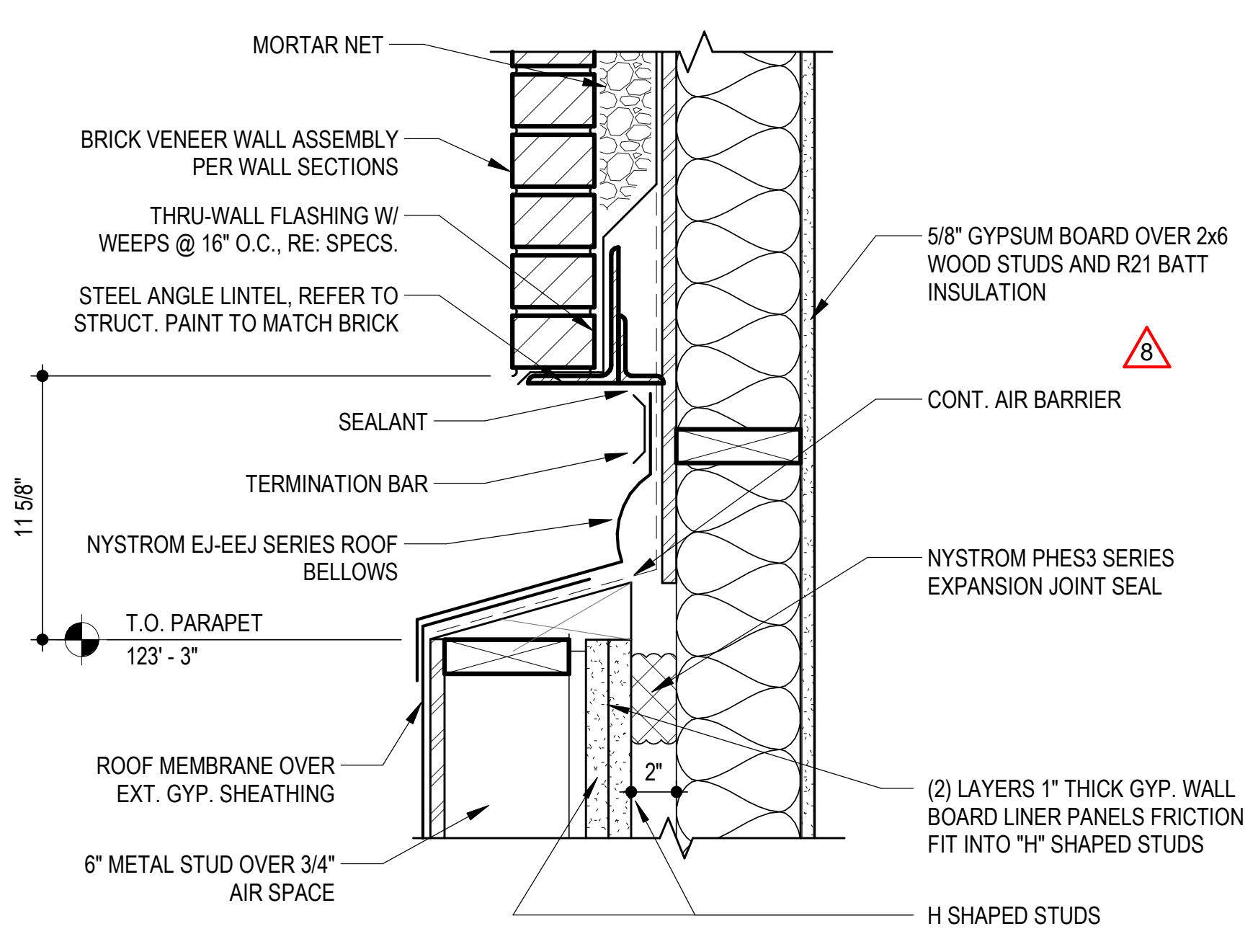
17 **ELEVATOR COPING DETAIL**
SCALE: 1 1/2" = 1'-0"


3"
1 1/2" O.D. CONT. STL. PIPE (PAINTED).
MESH RAILING TO MATCH RAILING AT PREMAN. BALCONIES
3'-6".
1 1/2" O.D. STL. POST AT 5'-0" O.C. MAX. WELDED TO CHANNEL.
CONT. BED OF SEALANT
ROOFING MEMBRANE WRAPPED CONT. UNDER FASCIA AND OVER FRAMING AT FRONT
CONT. ANCHOR TERMINATION BAR
SLOPE 1/2" / FT. MIN.
4th FLOOR
3 1/2"
FASCIA COVER
6"
EXTEND FASCIA OVER TRIM A MIN. OF 2", TYPICAL
7 1/4"
1/4"
7 1/4"
1" HARDIE TRIM
1"
SEALANT
10
STARTER STRIP
FIBER CEMENT SIDING WALL SYSTEM
R30 INSULATION
5/8" GYPSUM BOARD OVER 2x6 WOOD STUDS AND R21 BATT INSULATION
FOR TYPICAL PAVER DETAIL SEE 9 /A401

18 **GUARDRAIL AT ROOF PATIO**
SCALE: 1 1/2" = 1'-0"


FIBER CEMENT SIDING WALL SYSTEM
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
NYSTROM EJ-EEJ SERIES ROOF BELLOWS
5/8" GYPSUM BOARD OVER 2x6 WOOD STUDS AND R21 BATT INSULATION
CONT. AIR BARRIER
8
NYSTROM PHES3 SERIES EXPANSION JOINT SEAL
T.O. PARAPET 123' - 3"
(2) LAYERS 1" THICK GYP. WALL BOARD LINER PANELS FRICTION FIT INTO "H" SHAPED STUDS
ROOF MEMBRANE OVER EXT. GYP. SHEATHING
2"
6" METAL STUD OVER 3/4" AIR SPACE
H SHAPED STUDS

19 **EXPANSION JOINT AT SIDING**
SCALE: 1 1/2" = 1'-0"


MORTAR NET
BRICK VENEER WALL ASSEMBLY PER WALL SECTIONS
THRU-WALL FLASHING W/ WEEPS @ 16" O.C., RE: SPECS.
STEEL ANGLE LINTEL, REFER TO STRUCT. PAINT TO MATCH BRICK
5/8" GYPSUM BOARD OVER 2x6 WOOD STUDS AND R21 BATT INSULATION
8
CONT. AIR BARRIER
SEALANT
TERMINATION BAR
11 5/8"
NYSTROM EJ-EEJ SERIES ROOF BELLOWS
NYSTROM PHES3 SERIES EXPANSION JOINT SEAL
T.O. PARAPET 123' - 3"
ROOF MEMBRANE OVER EXT. GYP. SHEATHING
2"
(2) LAYERS 1" THICK GYP. WALL BOARD LINER PANELS FRICTION FIT INTO "H" SHAPED STUDS
6" METAL STUD OVER 3/4" AIR SPACE
H SHAPED STUDS

20 **EXPANSION JOINT AT BRICK**
SCALE: 1 1/2" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl
COMPANIES

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TR,i ARCHITECTS

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St. Louis, Missouri 63119
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www.triarchitects.com

DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

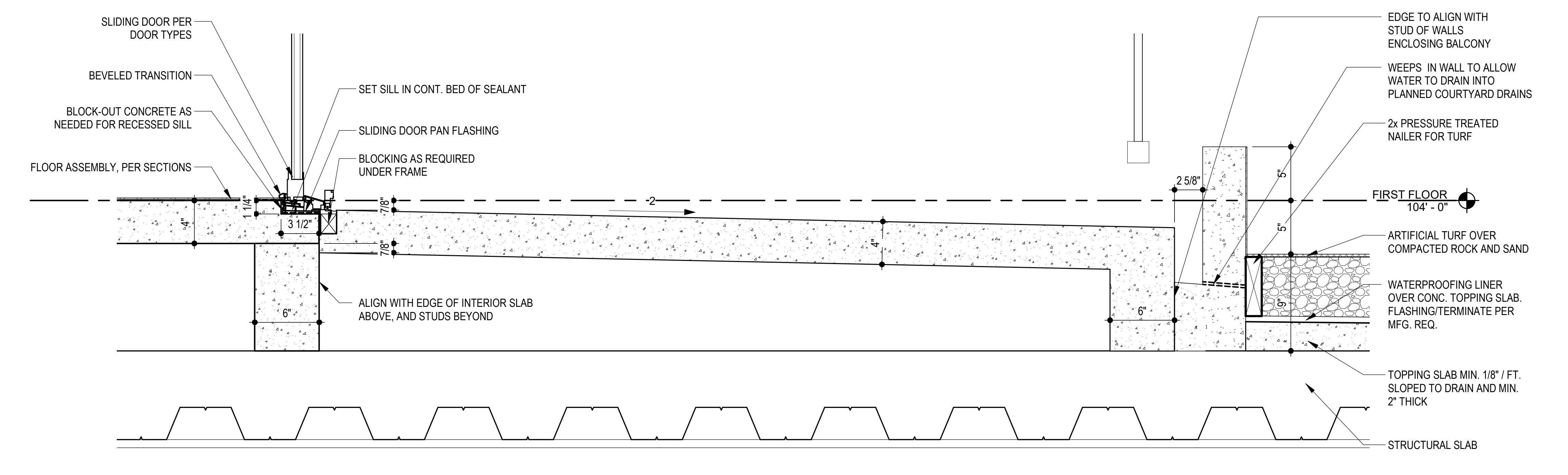
DWG BY Author

TR,i PROJECT NO. 18-046

SHEET NO.

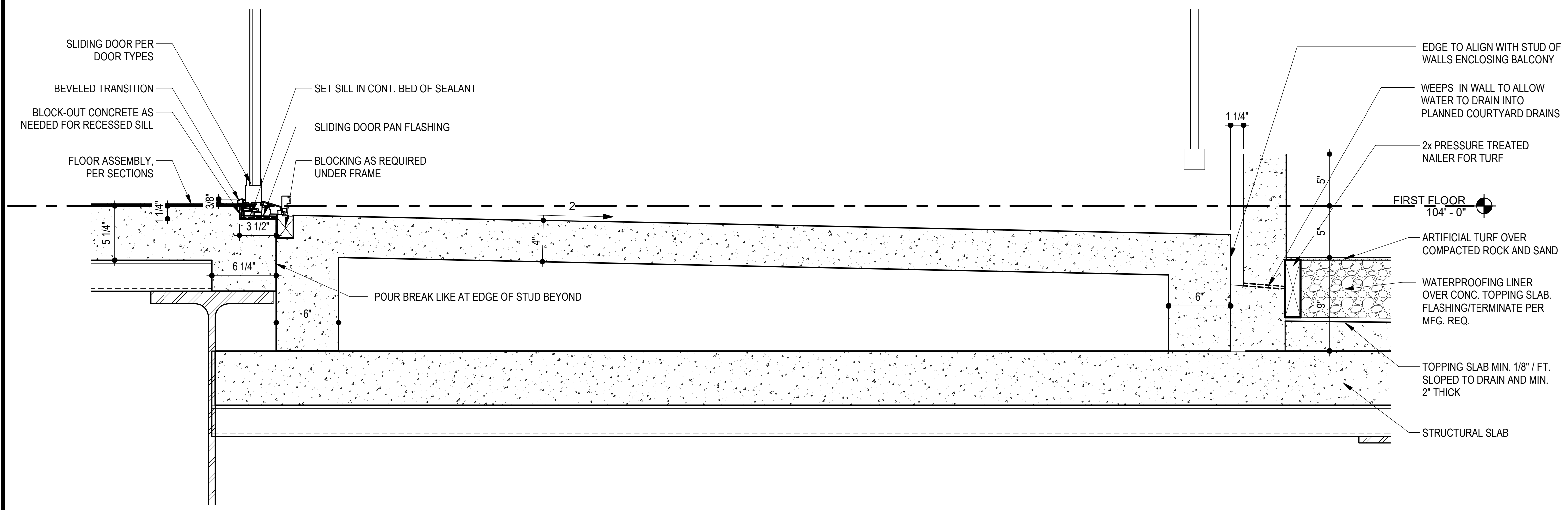
A323

SECTION DETAILS


SLIDING DOOR PER DOOR TYPES
BEVELED TRANSITION
BLOCK-OUT CONCRETE AS NEEDED FOR RECESSED SILL
FLOOR ASSEMBLY, PER SECTIONS
SET SILL IN CONT. BED OF SEALANT
SLIDING DOOR PAN FLASHING
BLOCKING AS REQUIRED UNDER FRAME
ALIGN WITH EDGE OF INTERIOR SLAB ABOVE, AND STUDS BEYOND
1 1/4"
4"
3 1/2"
7/8"
7/8"
6"
2
2 5/8"
5"
5"
9"
6"
FIRST FLOOR
104' - 0"
EDGE TO ALIGN WITH STUD OF WALLS ENCLOSING BALCONY
WEEPS IN WALL TO ALLOW WATER TO DRAIN INTO PLANNED COURTYARD DRAINS
2x PRESSURE TREATED NAILER FOR TURF
ARTIFICIAL TURF OVER COMPACTED ROCK AND SAND
WATERPROOFING LINER OVER CONC. TOPPING SLAB. FLASHING/TERMINATE PER MFG. REQ.
TOPPING SLAB MIN. 1/8" / FT. SLOPED TO DRAIN AND MIN. 2" THICK
STRUCTURAL SLAB

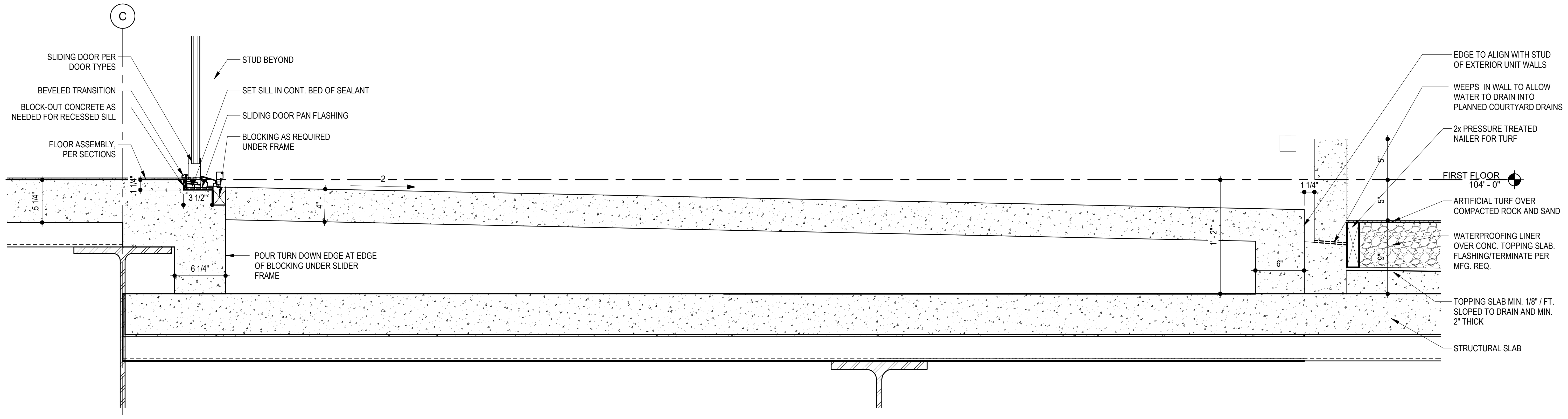
1 **D2 BALCONY - FIRST FLOOR**

SCALE: 1 1/2" = 1'-0"


SLIDING DOOR PER DOOR TYPES
BEVELED TRANSITION
BLOCK-OUT CONCRETE AS NEEDED FOR RECESSED SILL
FLOOR ASSEMBLY, PER SECTIONS
SET SILL IN CONT. BED OF SEALANT
SLIDING DOOR PAN FLASHING
BLOCKING AS REQUIRED UNDER FRAME
POUR BREAK LIKE AT EDGE OF STUD BEYOND
5 1/4"
1 1/4"
3 1/2"
6 1/4"
6"
4"
2
1 1/4"
5"
5"
6"
9"
FIRST FLOOR
104' - 0"
EDGE TO ALIGN WITH STUD OF WALLS ENCLOSING BALCONY
WEEPS IN WALL TO ALLOW WATER TO DRAIN INTO PLANNED COURTYARD DRAINS
2x PRESSURE TREATED NAILER FOR TURF
ARTIFICIAL TURF OVER COMPACTED ROCK AND SAND
WATERPROOFING LINER OVER CONC. TOPPING SLAB. FLASHING/TERMINATE PER MFG. REQ.
TOPPING SLAB MIN. 1/8" / FT. SLOPED TO DRAIN AND MIN. 2" THICK
STRUCTURAL SLAB

2 **C1 BALCONY - FIRST FLOOR SOUTH**

SCALE: 1 1/2" = 1'-0"


C
SLIDING DOOR PER DOOR TYPES
BEVELED TRANSITION
BLOCK-OUT CONCRETE AS NEEDED FOR RECESSED SILL
FLOOR ASSEMBLY, PER SECTIONS
STUD BEYOND
SET SILL IN CONT. BED OF SEALANT
SLIDING DOOR PAN FLASHING
BLOCKING AS REQUIRED UNDER FRAME
POUR TURN DOWN EDGE AT EDGE OF BLOCKING UNDER SLIDER FRAME
5 1/4"
3 1/2"
6 1/4"
4"
2
1' - 2"
6"
1 1/4"
5"
5"
9"
FIRST FLOOR
104' - 0"
EDGE TO ALIGN WITH STUD OF EXTERIOR UNIT WALLS
WEEPS IN WALL TO ALLOW WATER TO DRAIN INTO PLANNED COURTYARD DRAINS
2x PRESSURE TREATED NAILER FOR TURF
ARTIFICIAL TURF OVER COMPACTED ROCK AND SAND
WATERPROOFING LINER OVER CONC. TOPPING SLAB. FLASHING/TERMINATE PER MFG. REQ.
TOPPING SLAB MIN. 1/8" / FT. SLOPED TO DRAIN AND MIN. 2" THICK
STRUCTURAL SLAB

3 **H2 BALCONY - FIRST FLOOR**

SCALE: 1 1/2" = 1'-0"

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AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER
A-2001010143

7.2.20

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DATE: 7.29.19

REVISIONS #

10	REVISION 5	7.2.2020

DWG BY Author

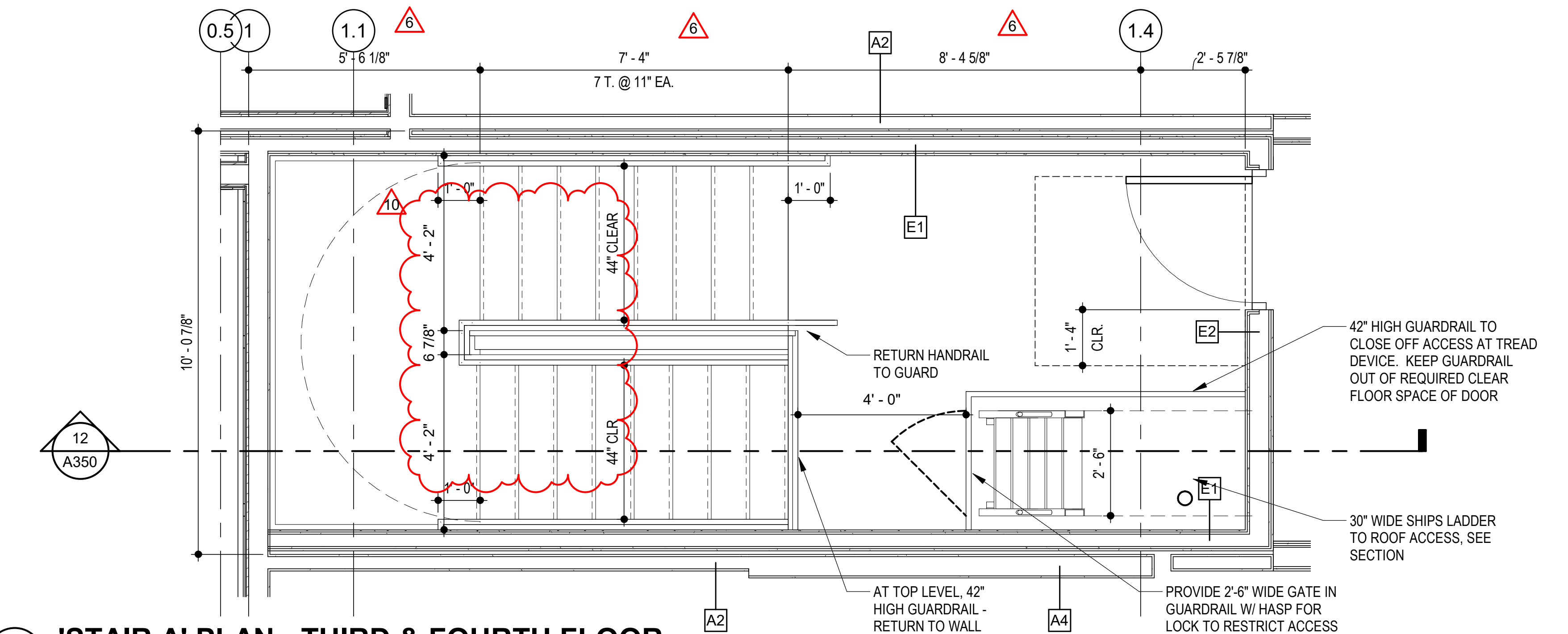
TR,i PROJECT NO. 18-046

SHEET NO.

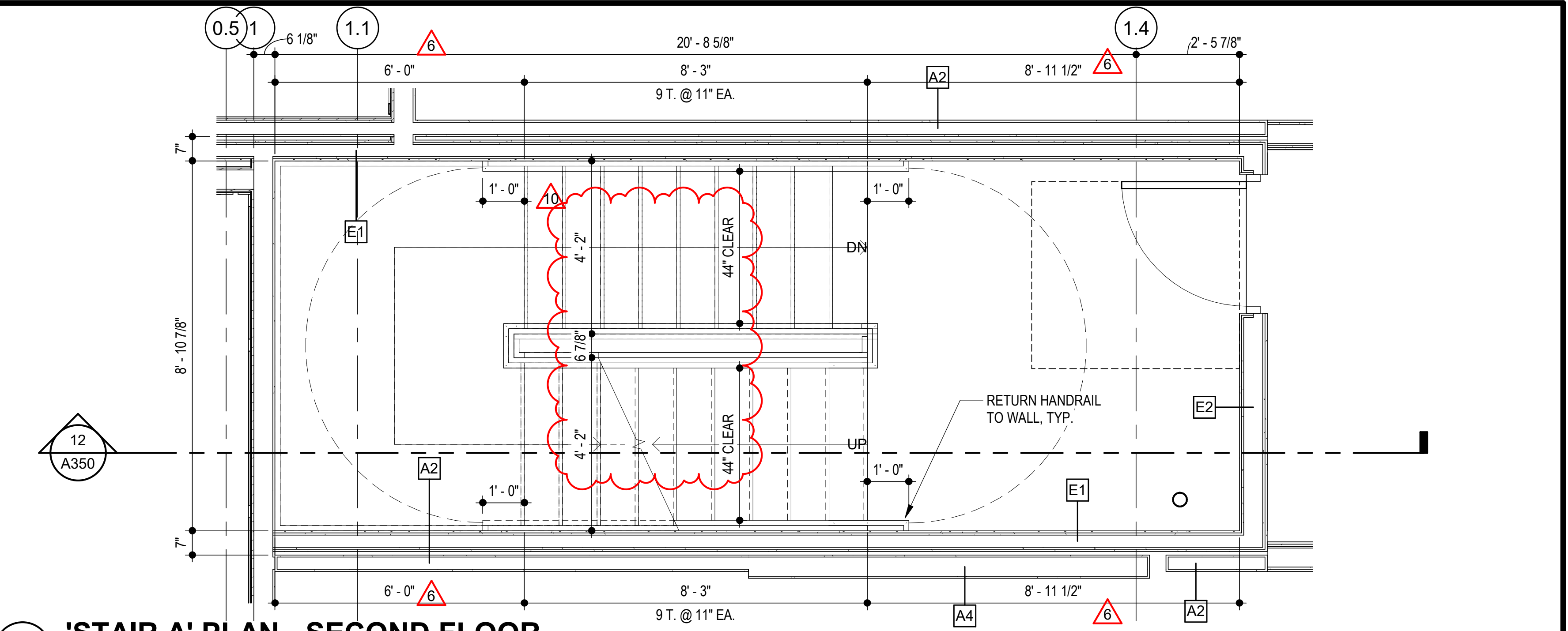
A324

10

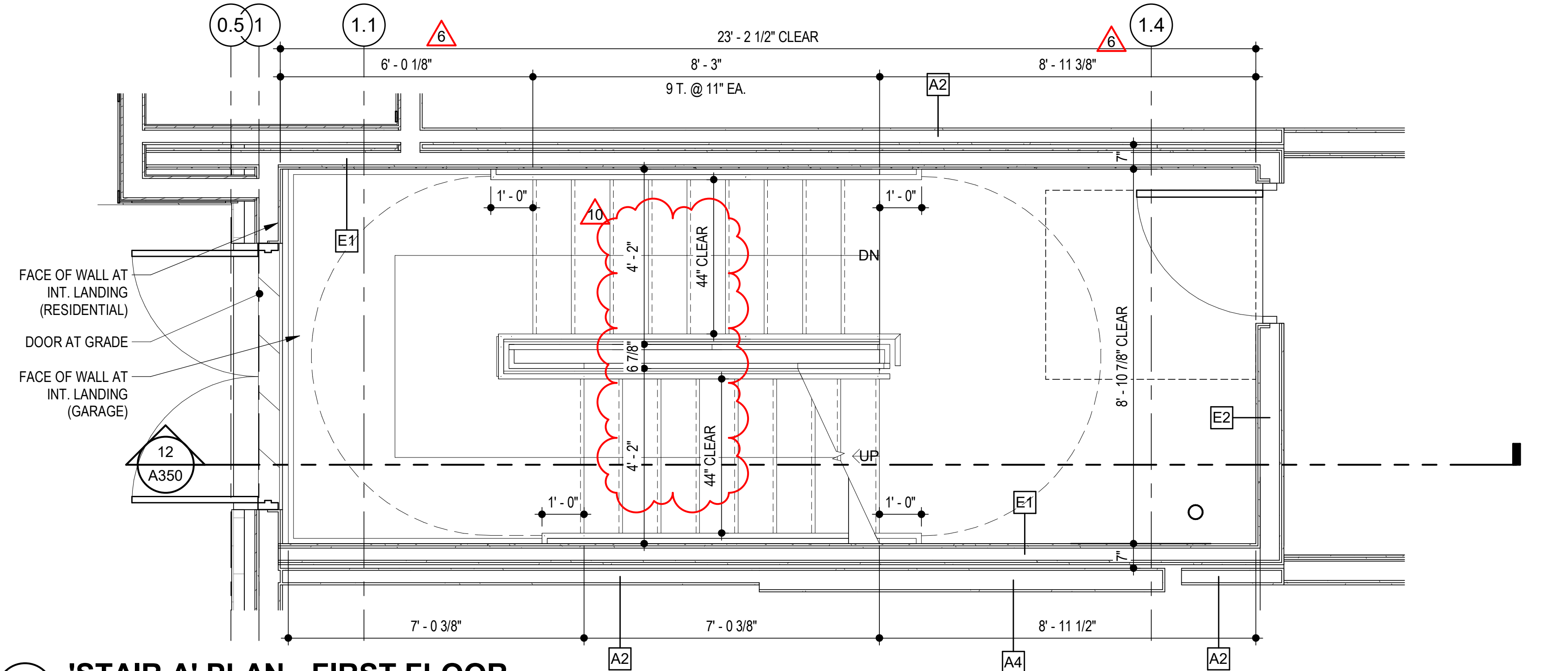
BALCONY SECTIONS


0.5
1
1.1
1.4
6
10
5' - 6 1/8"
7' - 4"
7 T. @ 11" EA.
8' - 4 5/8"
2' - 5 7/8"
A2
A4
E1
E2
1' - 0"
4' - 2"
44" CLEAR
6 7/8"
44" CLR
10' - 0 7/8"
1' - 4" CLR.
2' - 6"
4' - 0"
12
A350
RETURN HANDRAIL TO GUARD
42" HIGH GUARDRAIL TO CLOSE OFF ACCESS AT TREAD DEVICE. KEEP GUARDRAIL OUT OF REQUIRED CLEAR FLOOR SPACE OF DOOR
30" WIDE SHIPS LADDER TO ROOF ACCESS, SEE SECTION
AT TOP LEVEL, 42" HIGH GUARDRAIL - RETURN TO WALL
PROVIDE 2'-6" WIDE GATE IN GUARDRAIL W/ HASP FOR LOCK TO RESTRICT ACCESS TO ROOF LADDER

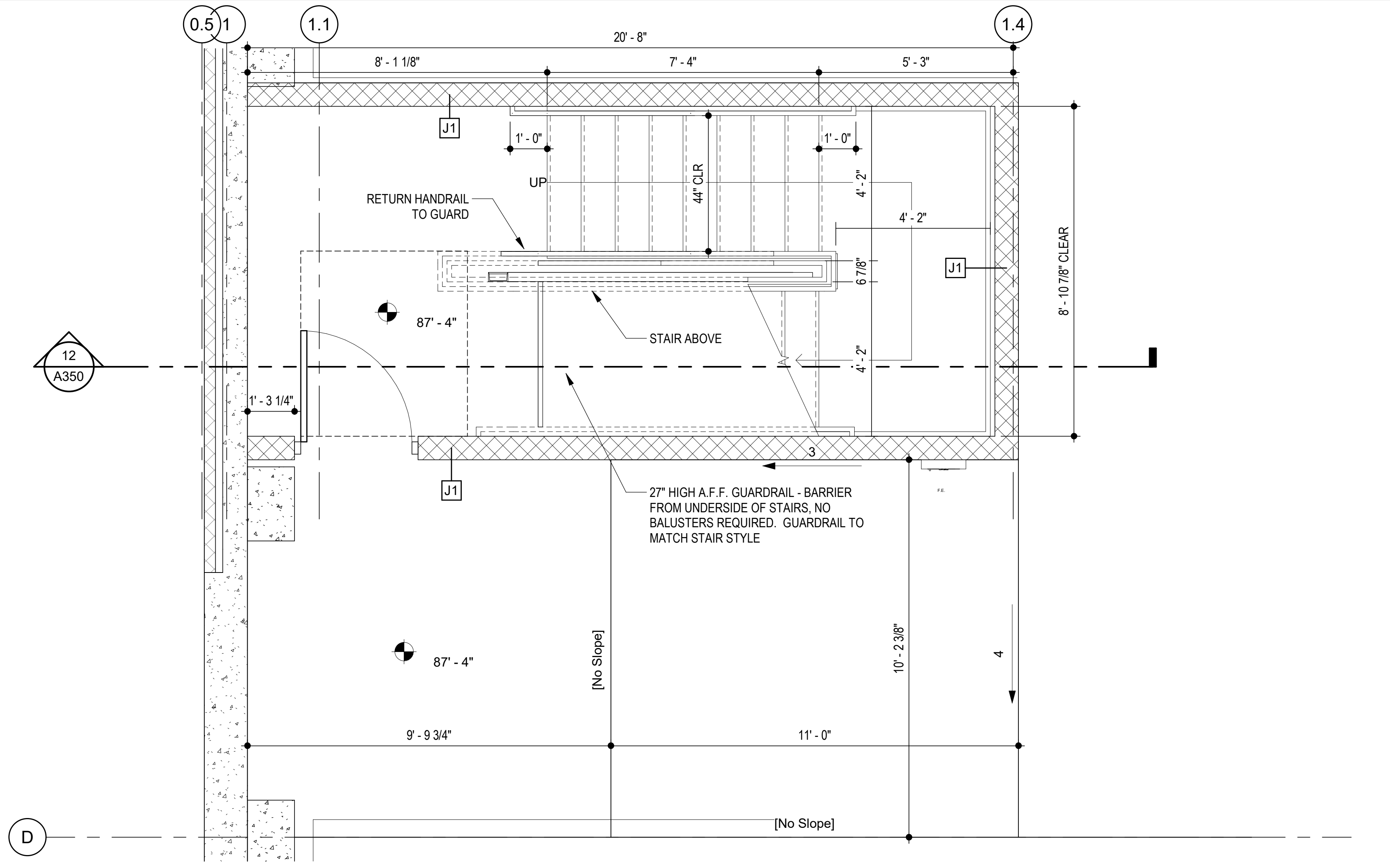
1 'STAIR A' PLAN - THIRD & FOURTH FLOOR
SCALE: 3/8" = 1'-0"



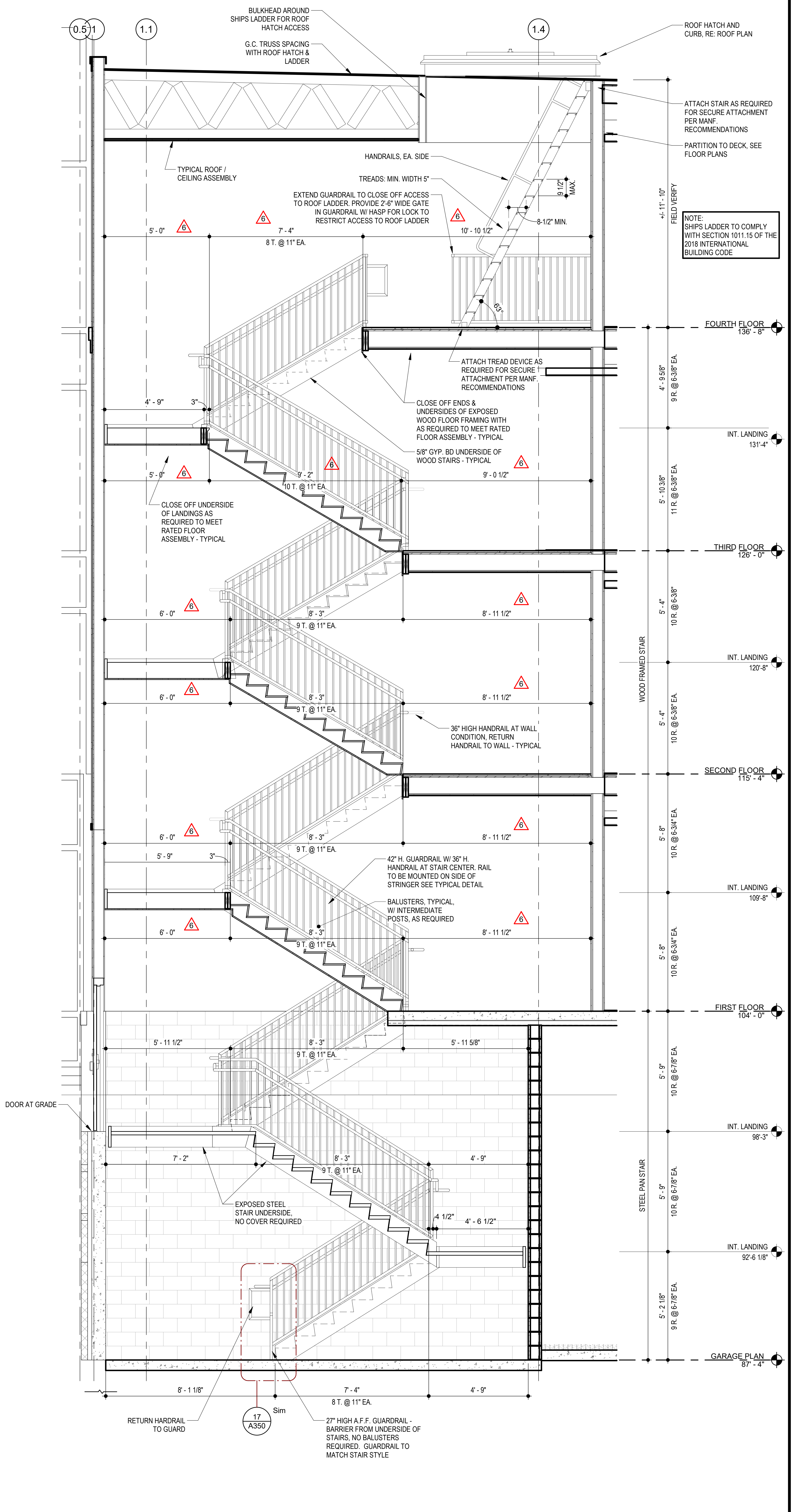
2 'STAIR A' PLAN - SECOND FLOOR
SCALE: 3/8" = 1'-0"



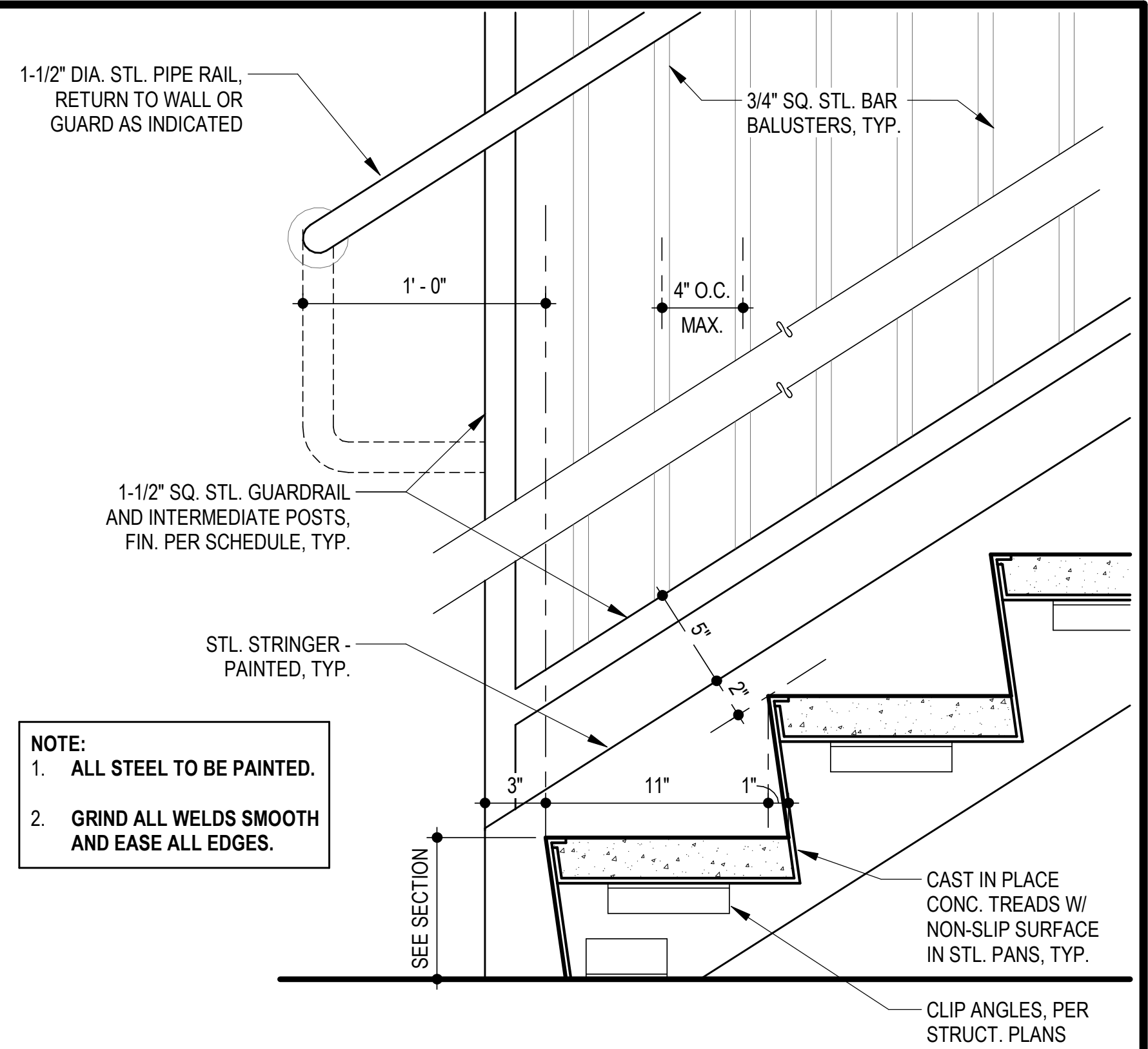
3 'STAIR A' PLAN - FIRST FLOOR
SCALE: 3/8" = 1'-0"



4 'STAIR A' PLAN - GARAGE
SCALE: 3/8" = 1'-0"

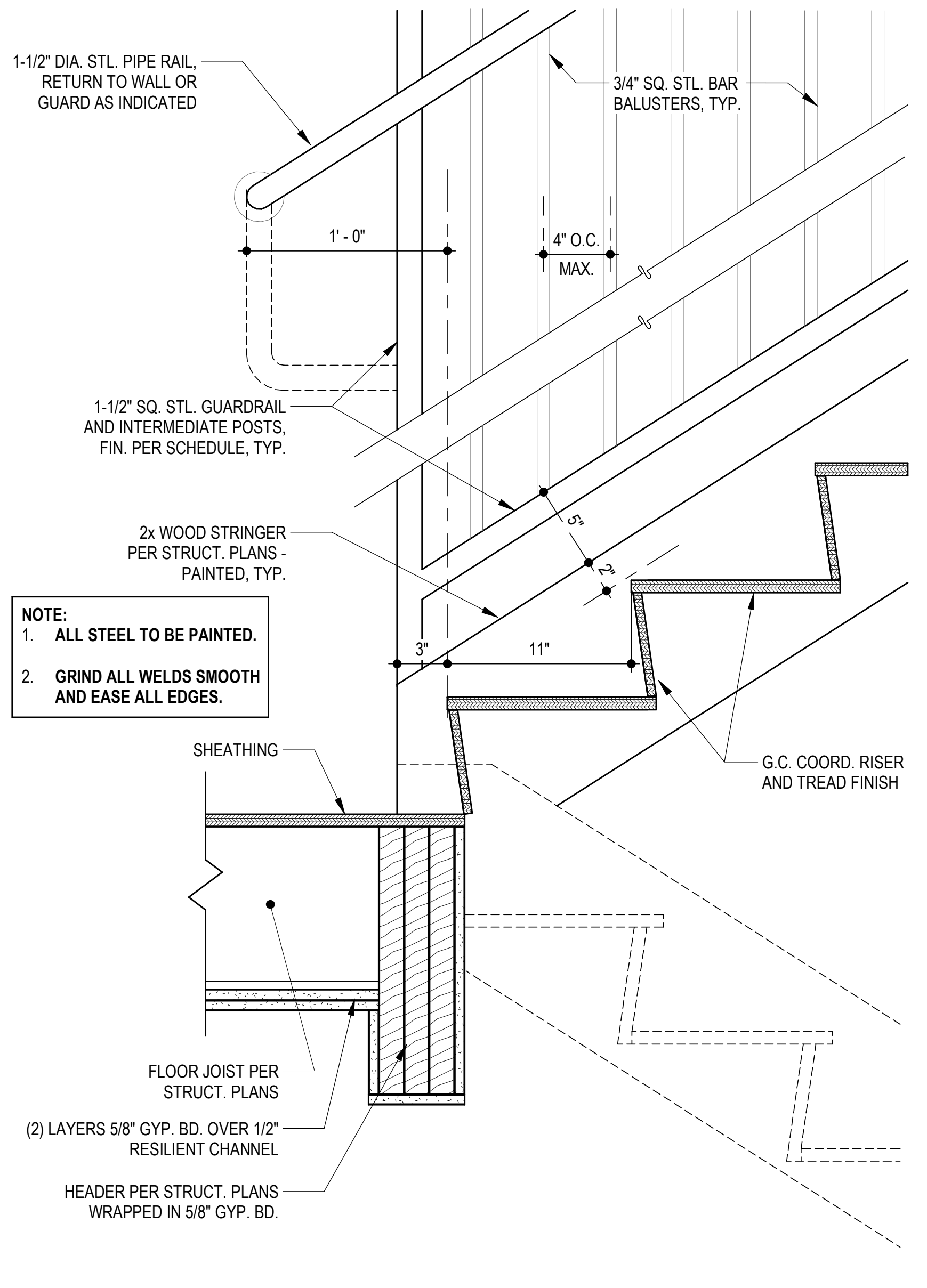

0.5
1
1.1
1.4
BULKHEAD AROUND SHIPS LADDER FOR ROOF HATCH ACCESS
G.C. TRUSS SPACING WITH ROOF HATCH & LADDER
ROOF HATCH AND CURB, RE: ROOF PLAN
TYPICAL ROOF / CEILING ASSEMBLY
HANDRAILS, EA. SIDE
TREADS: MIN. WIDTH 5"
EXTEND GUARDRAIL TO CLOSE OFF ACCESS TO ROOF LADDER. PROVIDE 2'-6" WIDE GATE IN GUARDRAIL W/ HASP FOR LOCK TO RESTRICT ACCESS TO ROOF LADDER
ATTACH STAIR AS REQUIRED FOR SECURE ATTACHMENT PER MANF. RECOMMENDATIONS
PARTITION TO DECK, SEE FLOOR PLANS
NOTE: SHIPS LADDER TO COMPLY WITH SECTION 1011.15 OF THE 2018 INTERNATIONAL BUILDING CODE
9 1/2" MAX.
8-1/2" MIN.
63°
+/- 11' - 10" FIELD VERIFY
6
5' - 0"
7' - 4"
8 T. @ 11" EA.
10' - 10 1/2"
FOURTH FLOOR 136' - 8"
ATTACH TREAD DEVICE AS REQUIRED FOR SECURE ATTACHMENT PER MANF. RECOMMENDATIONS
CLOSE OFF ENDS & UNDERSIDES OF EXPOSED WOOD FLOOR FRAMING WITH AS REQUIRED TO MEET RATED FLOOR ASSEMBLY - TYPICAL
5/8" GYP. BD UNDERSIDE OF WOOD STAIRS - TYPICAL
4' - 9"
3"
4' - 9 5/8"
9 R. @ 6-3/8" EA.
INT. LANDING 131'-4"
9' - 2"
10 T. @ 11" EA.
9' - 0 1/2"
5' - 10 3/8"
11 R. @ 6-3/8" EA.
CLOSE OFF UNDERSIDE OF LANDINGS AS REQUIRED TO MEET RATED FLOOR ASSEMBLY - TYPICAL
THIRD FLOOR 126' - 0"
6' - 0"
8' - 3"
9 T. @ 11" EA.
8' - 11 1/2"
5' - 4"
10 R. @ 6-3/8"
INT. LANDING 120'-8"
10 R. @ 6-3/8" EA.
36" HIGH HANDRAIL AT WALL CONDITION, RETURN HANDRAIL TO WALL - TYPICAL
WOOD FRAMED STAIR
SECOND FLOOR 115' - 4"
5' - 8"
10 R. @ 6-3/4" EA.
5' - 9"
42" H. GUARDRAIL W/ 36" H. HANDRAIL AT STAIR CENTER. RAIL TO BE MOUNTED ON SIDE OF STRINGER SEE TYPICAL DETAIL
BALUSTERS, TYPICAL, W/ INTERMEDIATE POSTS, AS REQUIRED
INT. LANDING 109'-8"
FIRST FLOOR 104' - 0"
5' - 11 1/2"
5' - 11 5/8"
5' - 9"
10 R. @ 6-7/8" EA.
DOOR AT GRADE
INT. LANDING 98'-3"
STEEL PAN STAIR
7' - 2"
4' - 9"
EXPOSED STEEL STAIR UNDERSIDE, NO COVER REQUIRED
4 1/2"
4' - 6 1/2"
INT. LANDING 92'-6 1/8"
5' - 2 1/8"
9 R. @ 6-7/8" EA.
GARAGE PLAN 87' - 4"
8' - 1 1/8"
8 T. @ 11" EA.
17
A350
Sim
RETURN HARDRAIL TO GUARD
27" HIGH A.F.F. GUARDRAIL - BARRIER FROM UNDERSIDE OF STAIRS, NO BALUSTERS REQUIRED. GUARDRAIL TO MATCH STAIR STYLE

12 STAIR SECTION - STAIR A
SCALE: 3/8" = 1'-0"


1-1/2" DIA. STL. PIPE RAIL, RETURN TO WALL OR GUARD AS INDICATED
3/4" SQ. STL. BAR BALUSTERS, TYP.
1' - 0"
4" O.C. MAX.
1-1/2" SQ. STL. GUARDRAIL AND INTERMEDIATE POSTS, FIN. PER SCHEDULE, TYP.
STL. STRINGER - PAINTED, TYP.
5"
2"
3"
11"
1"
SEE SECTION
CAST IN PLACE CONC. TREADS W/ NON-SLIP SURFACE IN STL. PANS, TYP.
CLIP ANGLES, PER STRUCT. PLANS

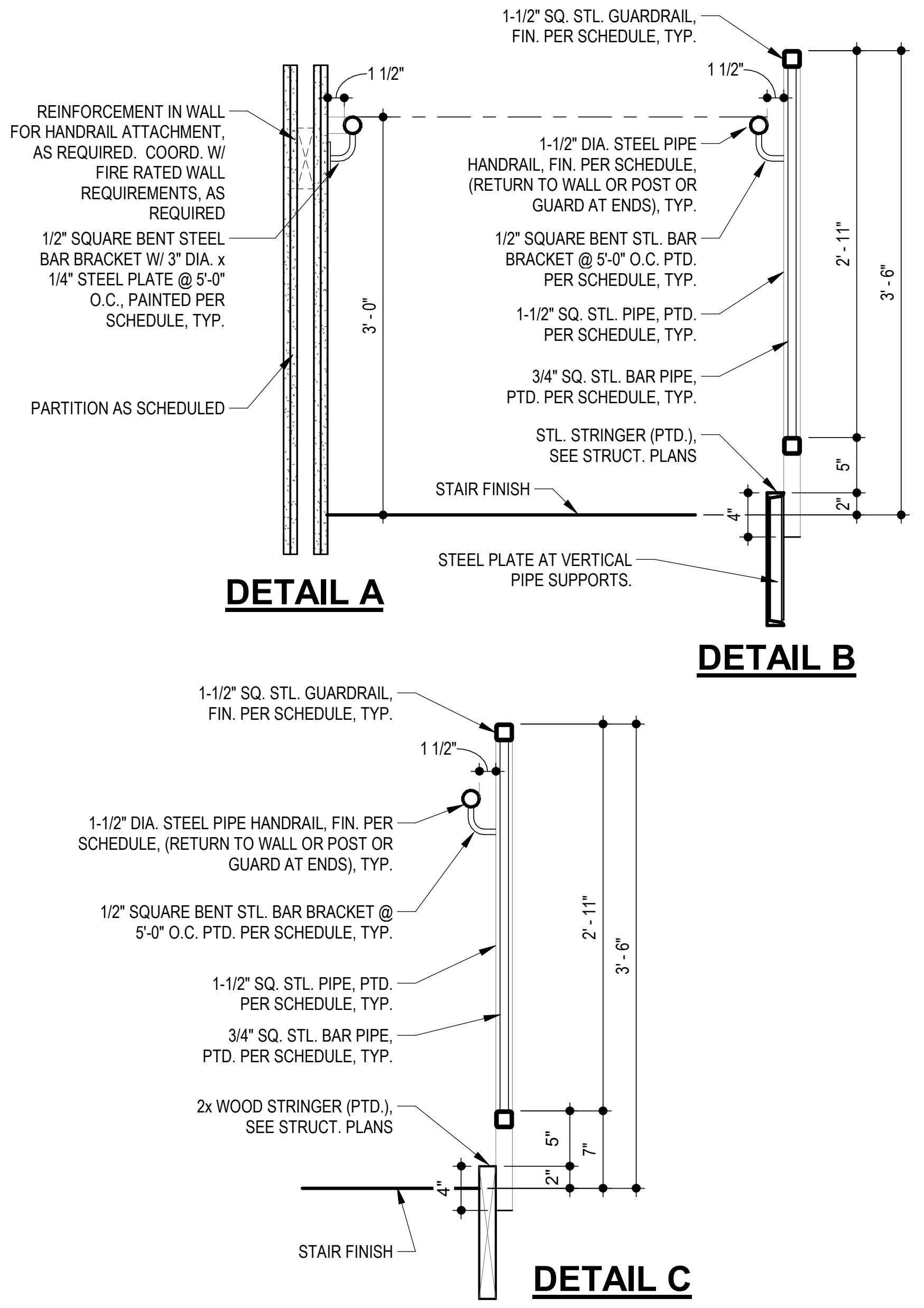
NOTE:
1. ALL STEEL TO BE PAINTED.
2. GRIND ALL WELDS SMOOTH AND EASE ALL EDGES.

17 BOTTOM OF METAL PAN STAIR DETAIL
SCALE: 1 1/2" = 1'-0"


1-1/2" DIA. STL. PIPE RAIL, RETURN TO WALL OR GUARD AS INDICATED
3/4" SQ. STL. BAR BALUSTERS, TYP.
1' - 0"
4" O.C. MAX.
1-1/2" SQ. STL. GUARDRAIL AND INTERMEDIATE POSTS, FIN. PER SCHEDULE, TYP.
2x WOOD STRINGER PER STRUCT. PLANS - PAINTED, TYP.
5"
2"
3"
11"
SHEATHING
G.C. COORD. RISER AND TREAD FINISH
FLOOR JOIST PER STRUCT. PLANS
(2) LAYERS 5/8" GYP. BD. OVER 1/2" RESILIENT CHANNEL
HEADER PER STRUCT. PLANS WRAPPED IN 5/8" GYP. BD.

NOTE:
1. ALL STEEL TO BE PAINTED.
2. GRIND ALL WELDS SMOOTH AND EASE ALL EDGES.

19 WOOD STAIR LANDING
SCALE: 1 1/2" = 1'-0"


1-1/2" SQ. STL. GUARDRAIL, FIN. PER SCHEDULE, TYP.
1 1/2"
REINFORCEMENT IN WALL FOR HANDRAIL ATTACHMENT, AS REQUIRED. COORD. W/ FIRE RATED WALL REQUIREMENTS, AS REQUIRED
1/2" SQUARE BENT STEEL BAR BRACKET W/ 3" DIA. x 1/4" STEEL PLATE @ 5'-0" O.C., PAINTED PER SCHEDULE, TYP.
PARTITION AS SCHEDULED
3' - 0"
1-1/2" DIA. STEEL PIPE HANDRAIL, FIN. PER SCHEDULE, (RETURN TO WALL OR POST OR GUARD AT ENDS), TYP.
1/2" SQUARE BENT STL. BAR BRACKET @ 5'-0" O.C. PTD. PER SCHEDULE, TYP.
1-1/2" SQ. STL. PIPE, PTD. PER SCHEDULE, TYP.
3/4" SQ. STL. BAR PIPE, PTD. PER SCHEDULE, TYP.
STL. STRINGER (PTD.), SEE STRUCT. PLANS
STAIR FINISH
STEEL PLATE AT VERTICAL PIPE SUPPORTS.
2' - 11"
3' - 6"
5"
2"
4"
7"
2x WOOD STRINGER (PTD.), SEE STRUCT. PLANS

DETAIL A

DETAIL B

DETAIL C

20 RAILING SECTIONS
SCALE: 1" = 1'-0"

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NUMBER A-2001010143
7.2.20

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DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
10	REVISION 5	7.2.2020

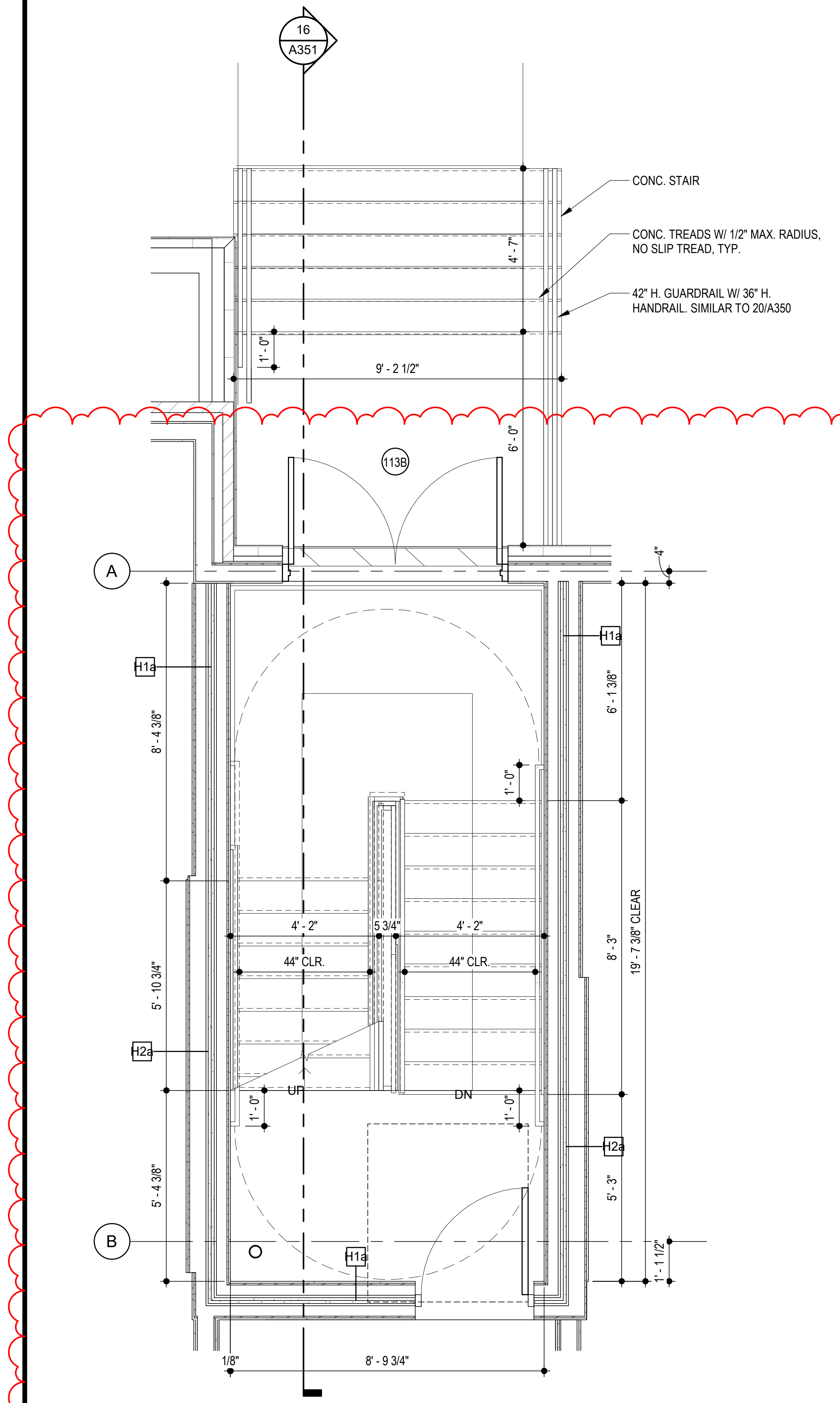
DWG BY jmr

TR,i PROJECT NO. 18-046

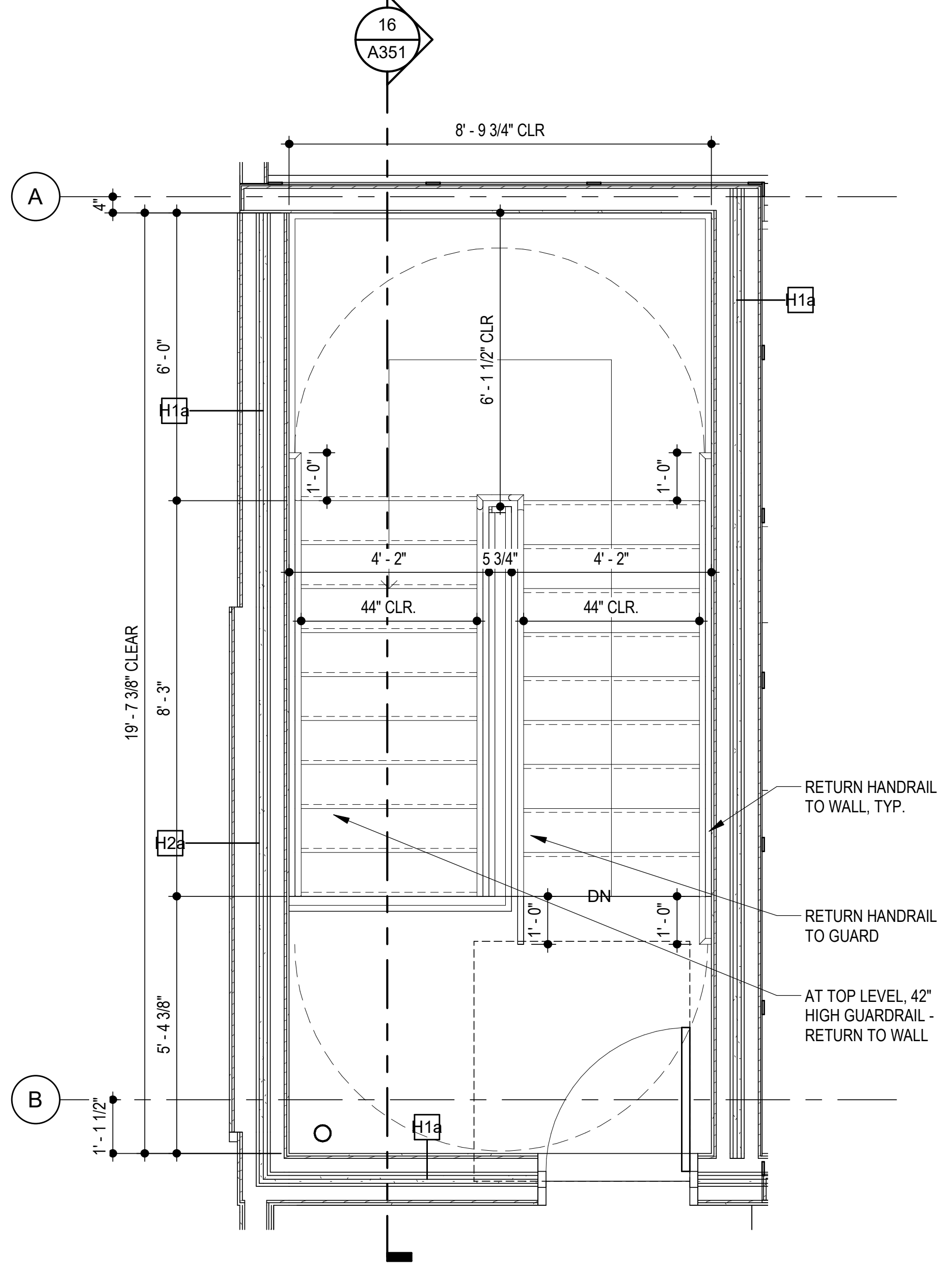
SHEET NO.

A350

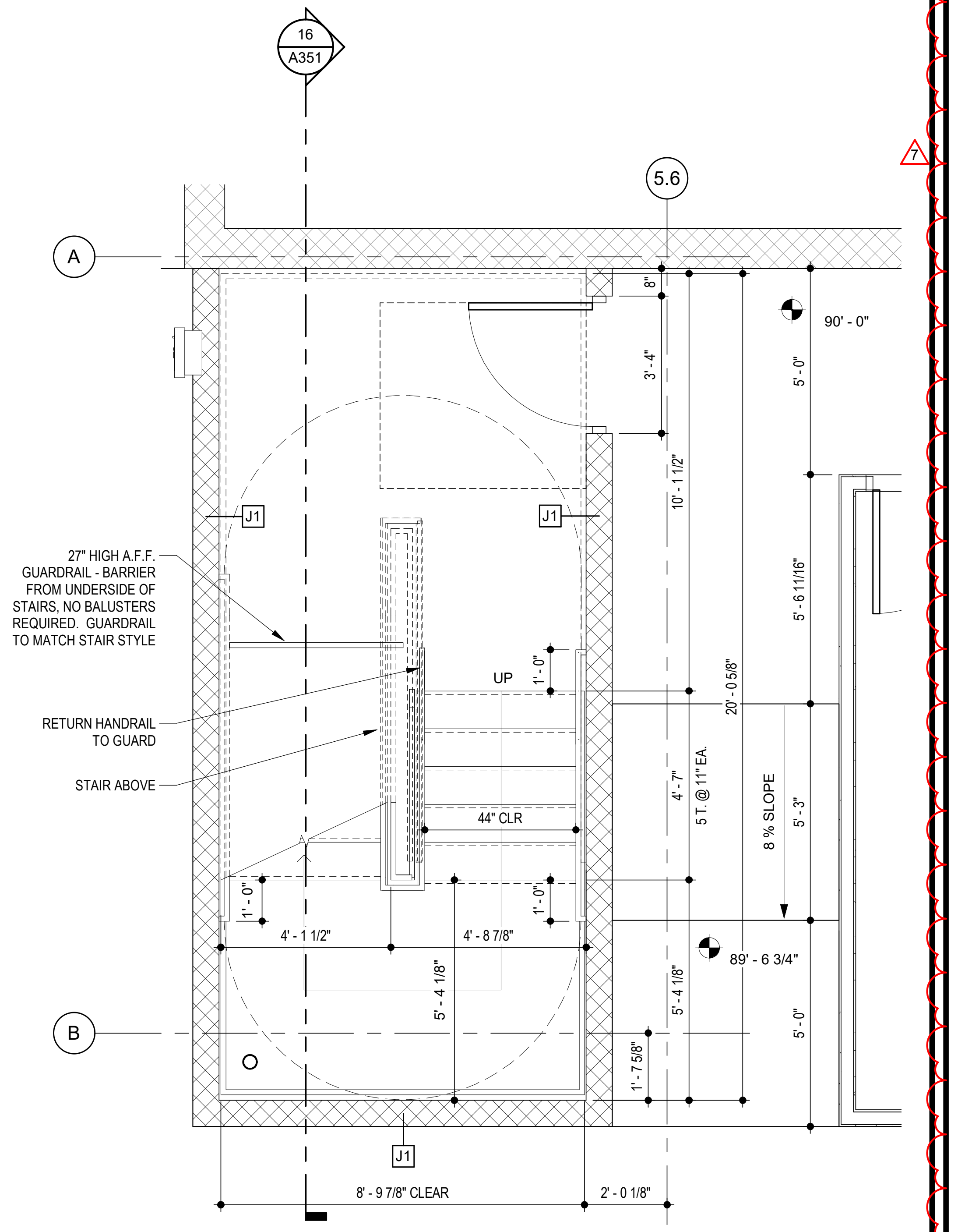
STAIR A



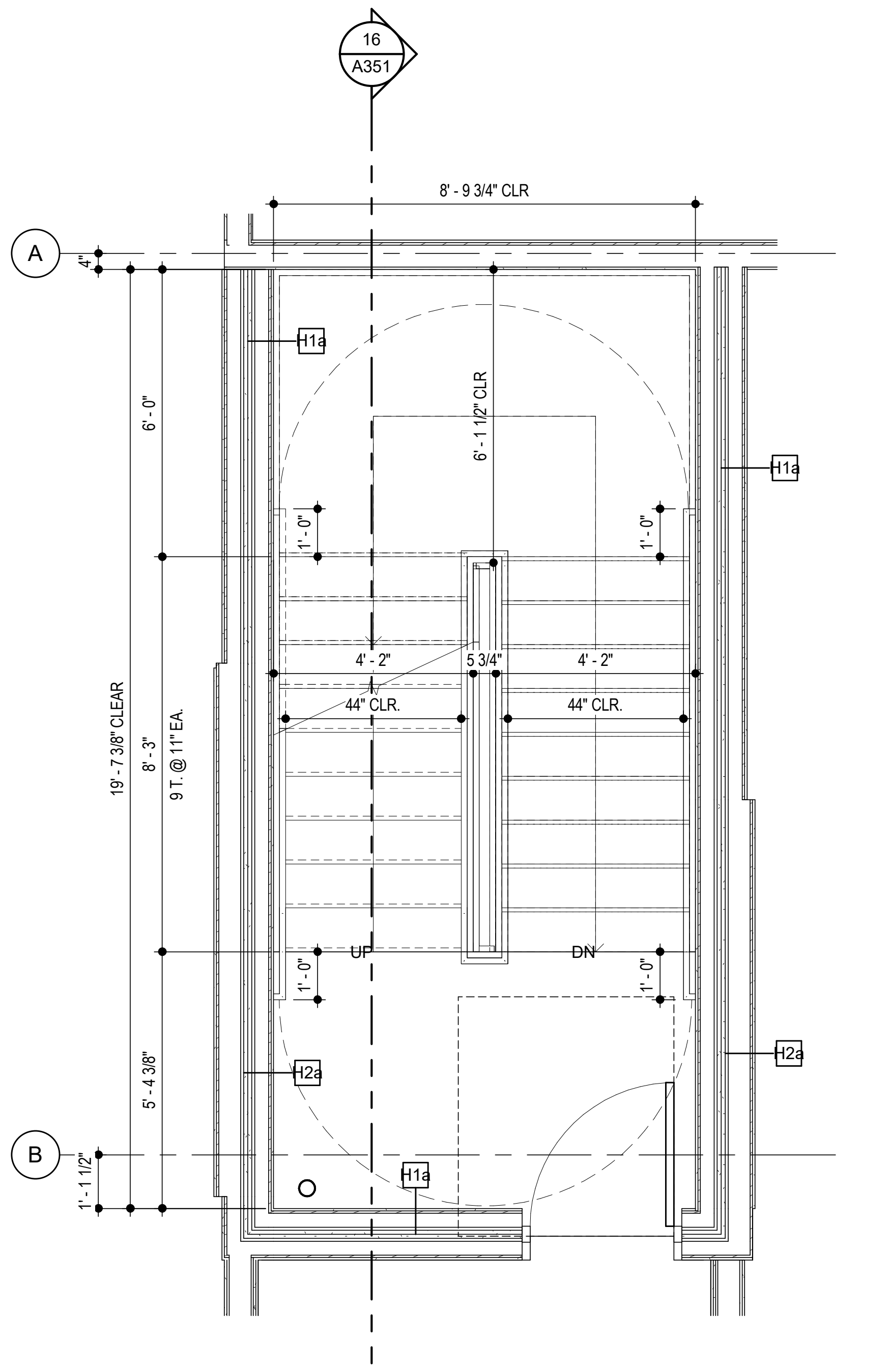
2 **'STAIR B' PLAN - FIRST FLOOR**
SCALE: 3/8" = 1'-0"



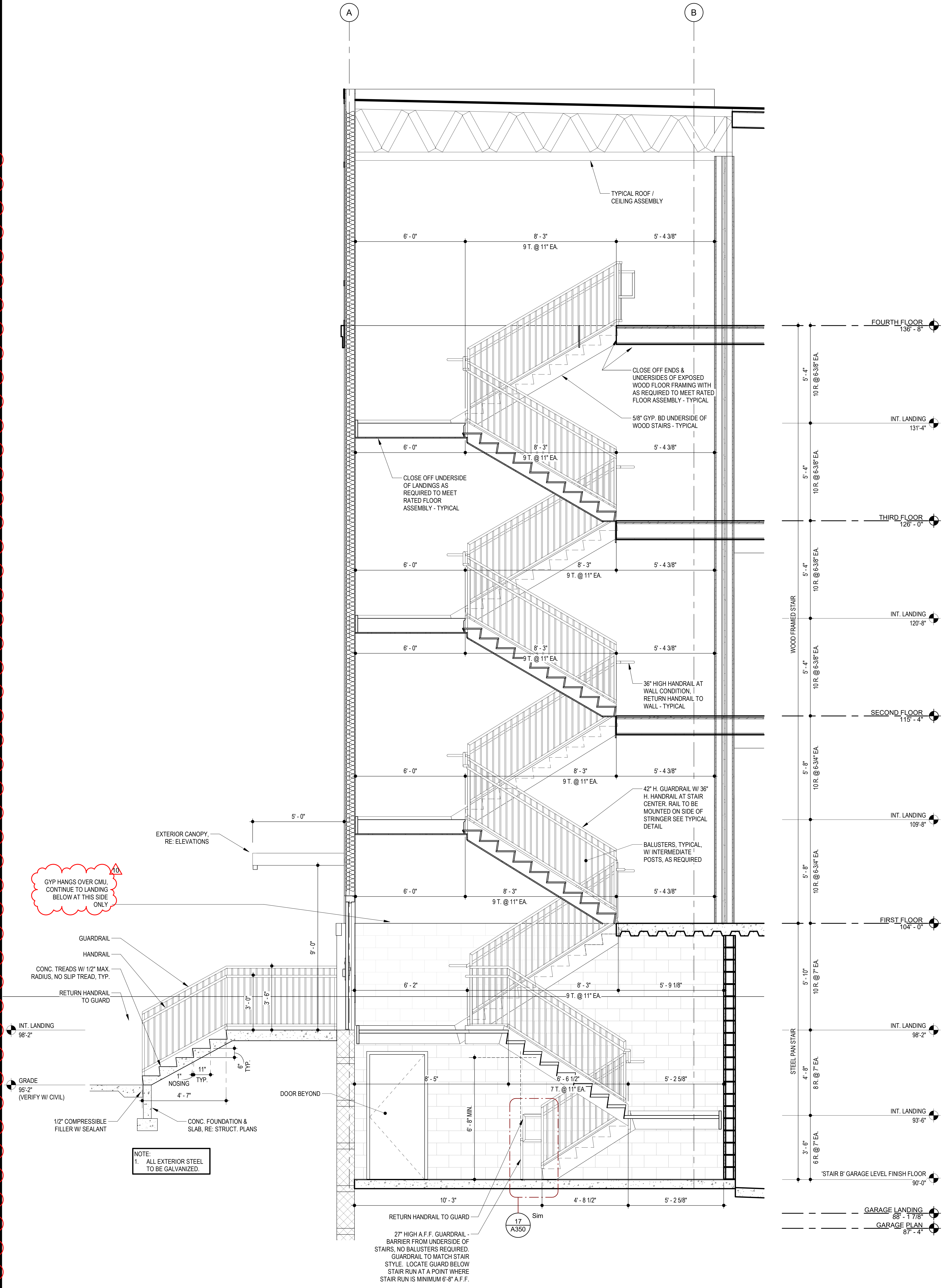
10 **'STAIR B' PLAN - THIRD & FOURTH FLOOR**
SCALE: 3/8" = 1'-0"



4 **'STAIR B' PLAN - GARAGE**
SCALE: 3/8" = 1'-0"



12 **'STAIR B' PLAN - SECOND FLOOR**
SCALE: 3/8" = 1'-0"


A
B
TYPICAL ROOF / CEILING ASSEMBLY
6' - 0"
8' - 3"
9 T. @ 11" EA.
5' - 4 3/8"
FOURTH FLOOR
136' - 8"
CLOSE OFF ENDS & UNDERSIDES OF EXPOSED WOOD FLOOR FRAMING WITH AS REQUIRED TO MEET RATED FLOOR ASSEMBLY - TYPICAL
5/8" GYP. BD UNDERSIDE OF WOOD STAIRS - TYPICAL
INT. LANDING
131'-4"
CLOSE OFF UNDERSIDE OF LANDINGS AS REQUIRED TO MEET RATED FLOOR ASSEMBLY - TYPICAL
THIRD FLOOR
126' - 0"
INT. LANDING
120'-8"
36" HIGH HANDRAIL AT WALL CONDITION, RETURN HANDRAIL TO WALL - TYPICAL
WOOD FRAMED STAIR
5' - 4"
10 R. @ 6-3/8" EA.
SECOND FLOOR
115' - 4"
5' - 8"
10 R. @ 6-3/4" EA.
42" H. GUARDRAIL W/ 36" H. HANDRAIL AT STAIR CENTER. RAIL TO BE MOUNTED ON SIDE OF STRINGER SEE TYPICAL DETAIL
BALUSTERS, TYPICAL, W/ INTERMEDIATE POSTS, AS REQUIRED
INT. LANDING
109'-8"
5' - 0"
EXTERIOR CANOPY, RE: ELEVATIONS
10
GYP HANGS OVER CMU, CONTINUE TO LANDING BELOW AT THIS SIDE ONLY
FIRST FLOOR
104' - 0"
9' - 0"
GUARDRAIL
HANDRAIL
CONC. TREADS W/ 1/2" MAX. RADIUS, NO SLIP TREAD, TYP.
RETURN HANDRAIL TO GUARD
3' - 0"
3' - 6"
6' - 2"
8' - 3"
9 T. @ 11" EA.
5' - 9 1/8"
5' - 10"
10 R. @ 7" EA.
INT. LANDING
98'-2"
GRADE
95'-2"
(VERIFY W/ CIVIL)
1"
NOSING
11"
TYP.
6"
TYP.
4' - 7"
DOOR BEYOND
8' - 5"
6' - 6 1/2"
7 T. @ 11" EA.
5' - 2 5/8"
6' - 8" MIN.
STEEL PAN STAIR
4' - 8"
8 R. @ 7" EA.
INT. LANDING
93'-6"
3' - 6"
6 R. @ 7" EA.
1/2" COMPRESSIBLE FILLER W/ SEALANT
CONC. FOUNDATION & SLAB, RE: STRUCT. PLANS
'STAIR B' GARAGE LEVEL FINISH FLOOR
90'-0"
10' - 3"
4' - 8 1/2"
5' - 2 5/8"
RETURN HANDRAIL TO GUARD
17
A350
Sim
27" HIGH A.F.F. GUARDRAIL - BARRIER FROM UNDERSIDE OF STAIRS, NO BALUSTERS REQUIRED. GUARDRAIL TO MATCH STAIR STYLE. LOCATE GUARD BELOW STAIR RUN AT A POINT WHERE STAIR RUN IS MINIMUM 6'-8" A.F.F.
GARAGE LANDING
88' - 1 7/8"
GARAGE PLAN
87' - 4"

NOTE:
1. ALL EXTERIOR STEEL TO BE GALVANIZED.

16 **STAIR SECTION - STAIR B**
SCALE: 3/8" = 1'-0"

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7	REVISION 2	1.24.20
10	REVISION 5	7.2.2020

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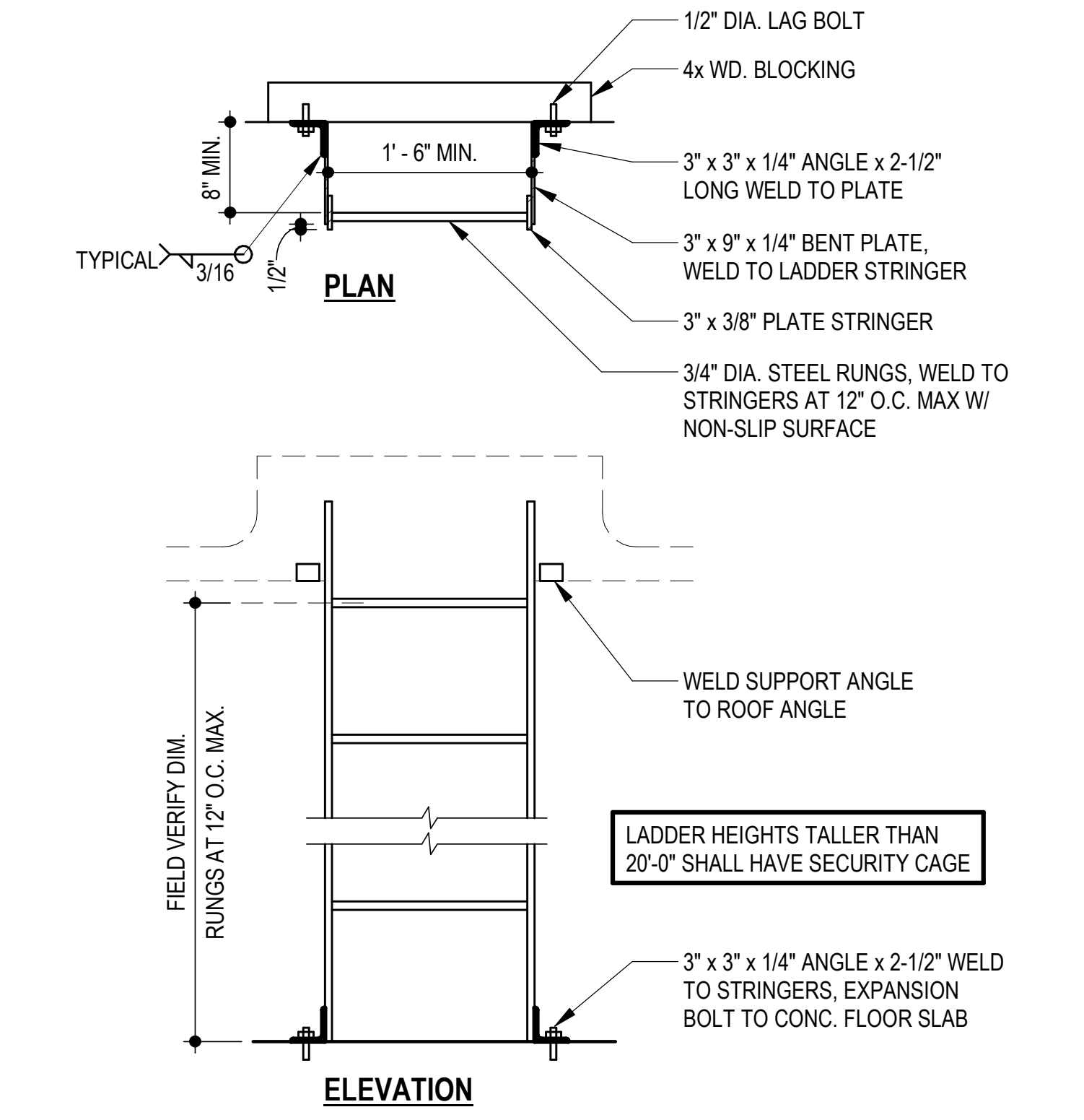
TR,i PROJECT NO. 18-046

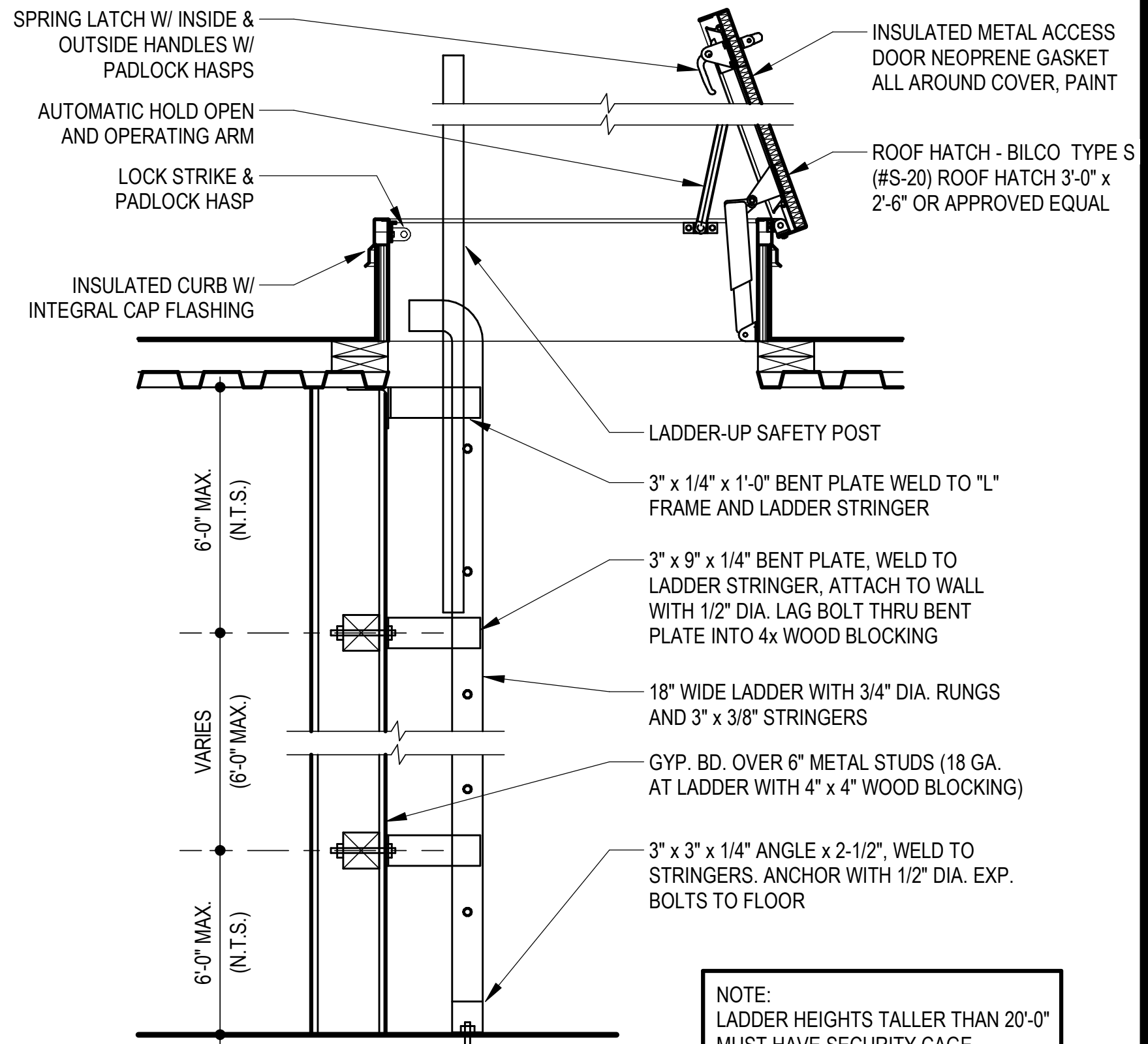
SHEET NO.

A351

STAIR B

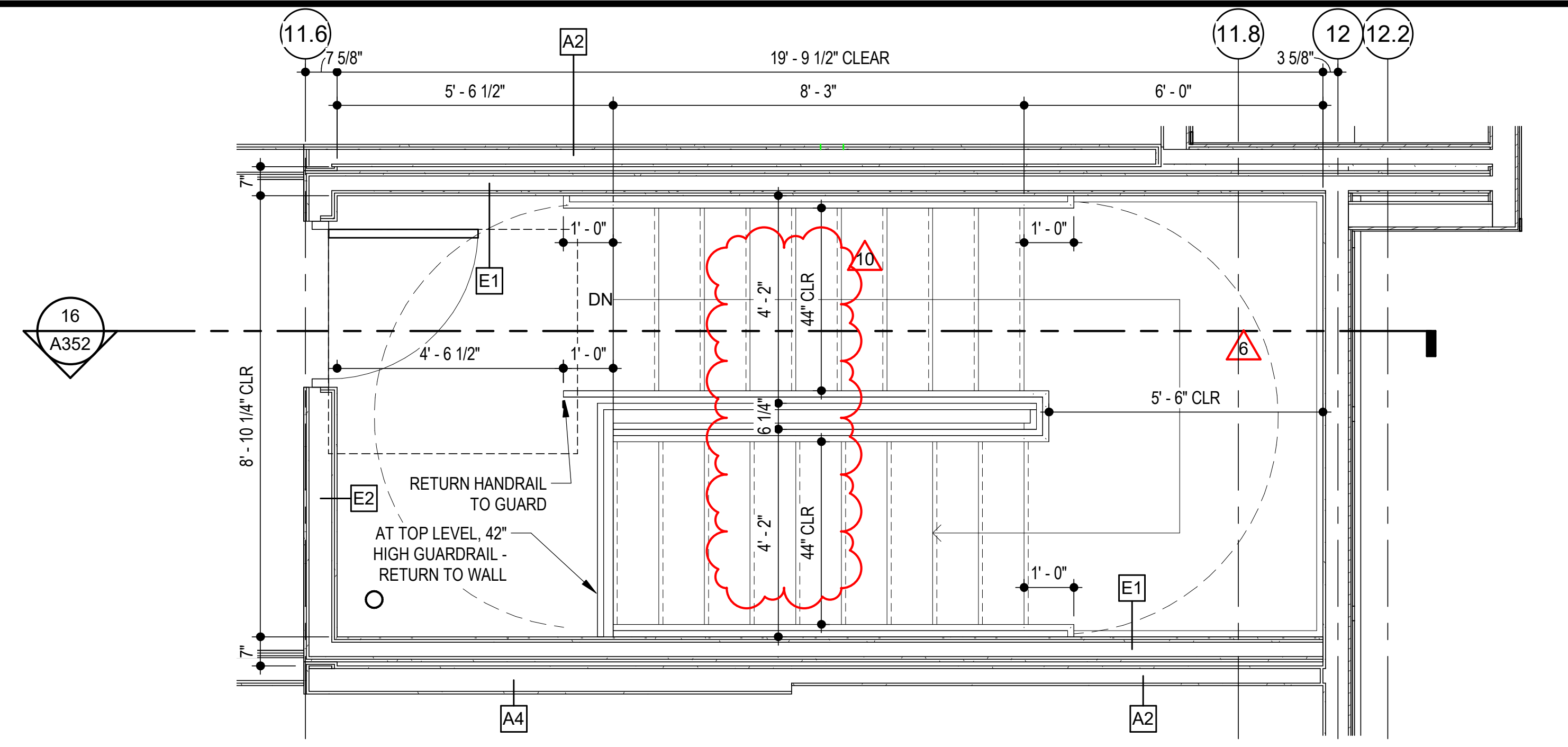

1/2" DIA. LAG BOLT
4x WD. BLOCKING
3" x 3" x 1/4" ANGLE x 2-1/2" LONG WELD TO PLATE
3" x 9" x 1/4" BENT PLATE, WELD TO LADDER STRINGER
3" x 3/8" PLATE STRINGER
3/4" DIA. STEEL RUNGS, WELD TO STRINGERS AT 12" O.C. MAX W/ NON-SLIP SURFACE
1' - 6" MIN.
8" MIN.
TYPICAL
3/16
1/2"
PLAN
WELD SUPPORT ANGLE TO ROOF ANGLE
LADDER HEIGHTS TALLER THAN 20'-0" SHALL HAVE SECURITY CAGE
FIELD VERIFY DIM.
RUNGS AT 12" O.C. MAX.
3" x 3" x 1/4" ANGLE x 2-1/2" WELD TO STRINGERS, EXPANSION BOLT TO CONC. FLOOR SLAB
ELEVATION

1 ROOF LADDER ELEVATION
SCALE: 3/4" = 1'-0"

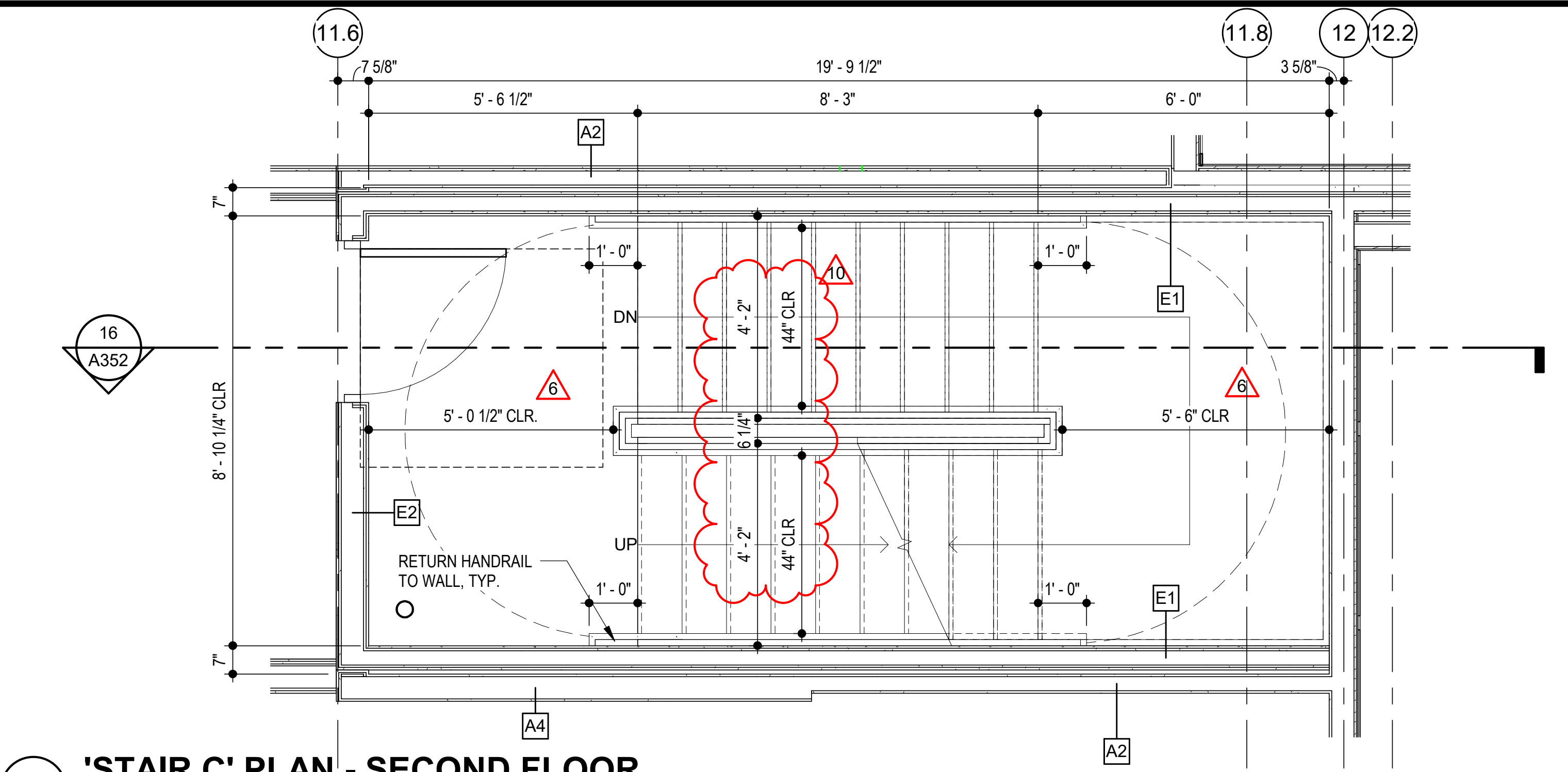

SPRING LATCH W/ INSIDE & OUTSIDE HANDLES W/ PADLOCK HASPS
AUTOMATIC HOLD OPEN AND OPERATING ARM
LOCK STRIKE & PADLOCK HASP
INSULATED CURB W/ INTEGRAL CAP FLASHING
INSULATED METAL ACCESS DOOR NEOPRENE GASKET ALL AROUND COVER, PAINT
ROOF HATCH - BILCO TYPE S (#S-20) ROOF HATCH 3'-0" x 2'-6" OR APPROVED EQUAL
LADDER-UP SAFETY POST
3" x 1/4" x 1'-0" BENT PLATE WELD TO "L" FRAME AND LADDER STRINGER
3" x 9" x 1/4" BENT PLATE, WELD TO LADDER STRINGER, ATTACH TO WALL WITH 1/2" DIA. LAG BOLT THRU BENT PLATE INTO 4x WOOD BLOCKING
18" WIDE LADDER WITH 3/4" DIA. RUNGS AND 3" x 3/8" STRINGERS
GYP. BD. OVER 6" METAL STUDS (18 GA. AT LADDER WITH 4" x 4" WOOD BLOCKING)
3" x 3" x 1/4" ANGLE x 2-1/2", WELD TO STRINGERS. ANCHOR WITH 1/2" DIA. EXP. BOLTS TO FLOOR
6'-0" MAX. (N.T.S.)
VARIES (6'-0" MAX.)
6'-0" MAX. (N.T.S.)

NOTE:
LADDER HEIGHTS TALLER THAN 20'-0"
MUST HAVE SECURITY CAGE

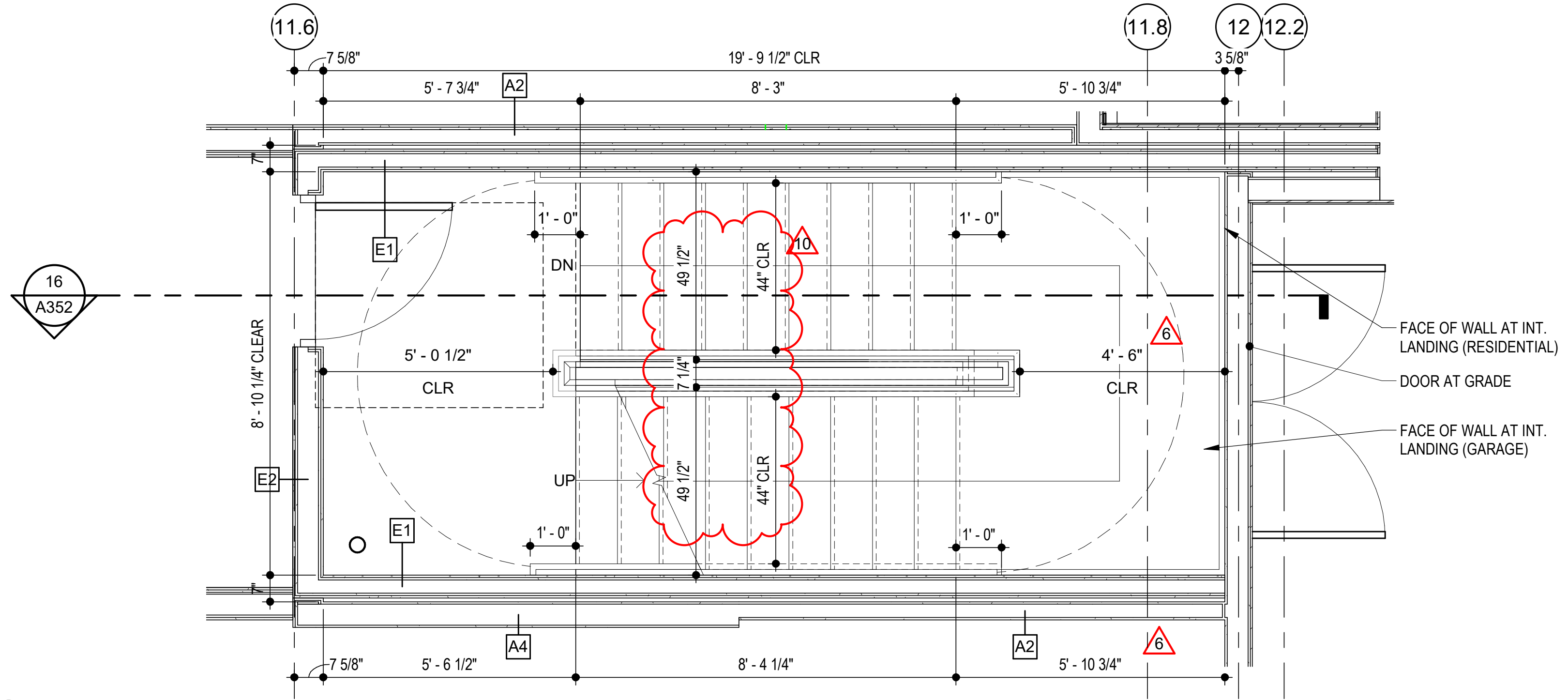
2 ROOF LADDER SECTION
SCALE: 3/4" = 1'-0"



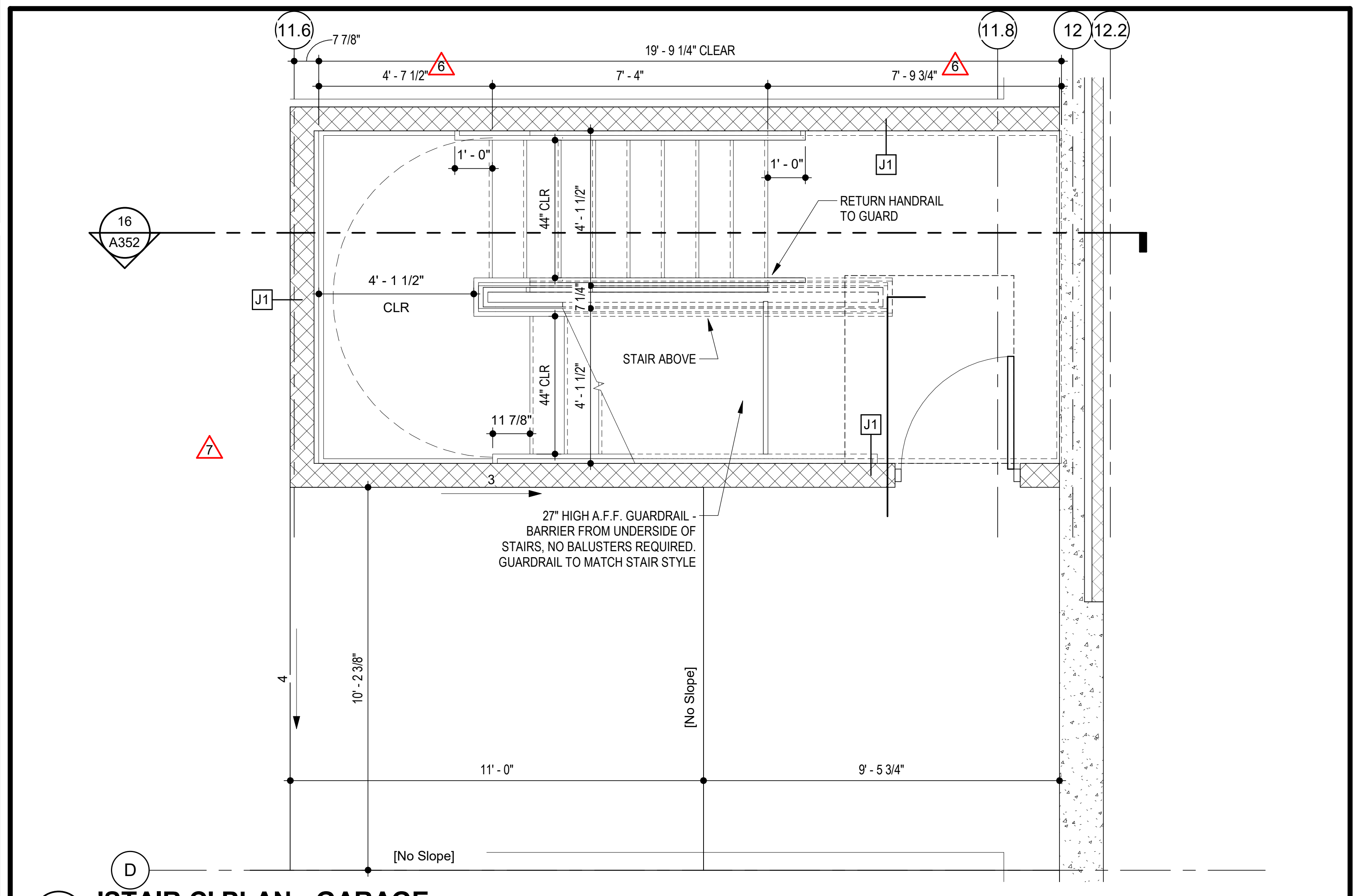
5 'STAIR C' PLAN - THIRD & FOURTH FLOOR
SCALE: 3/8" = 1'-0"



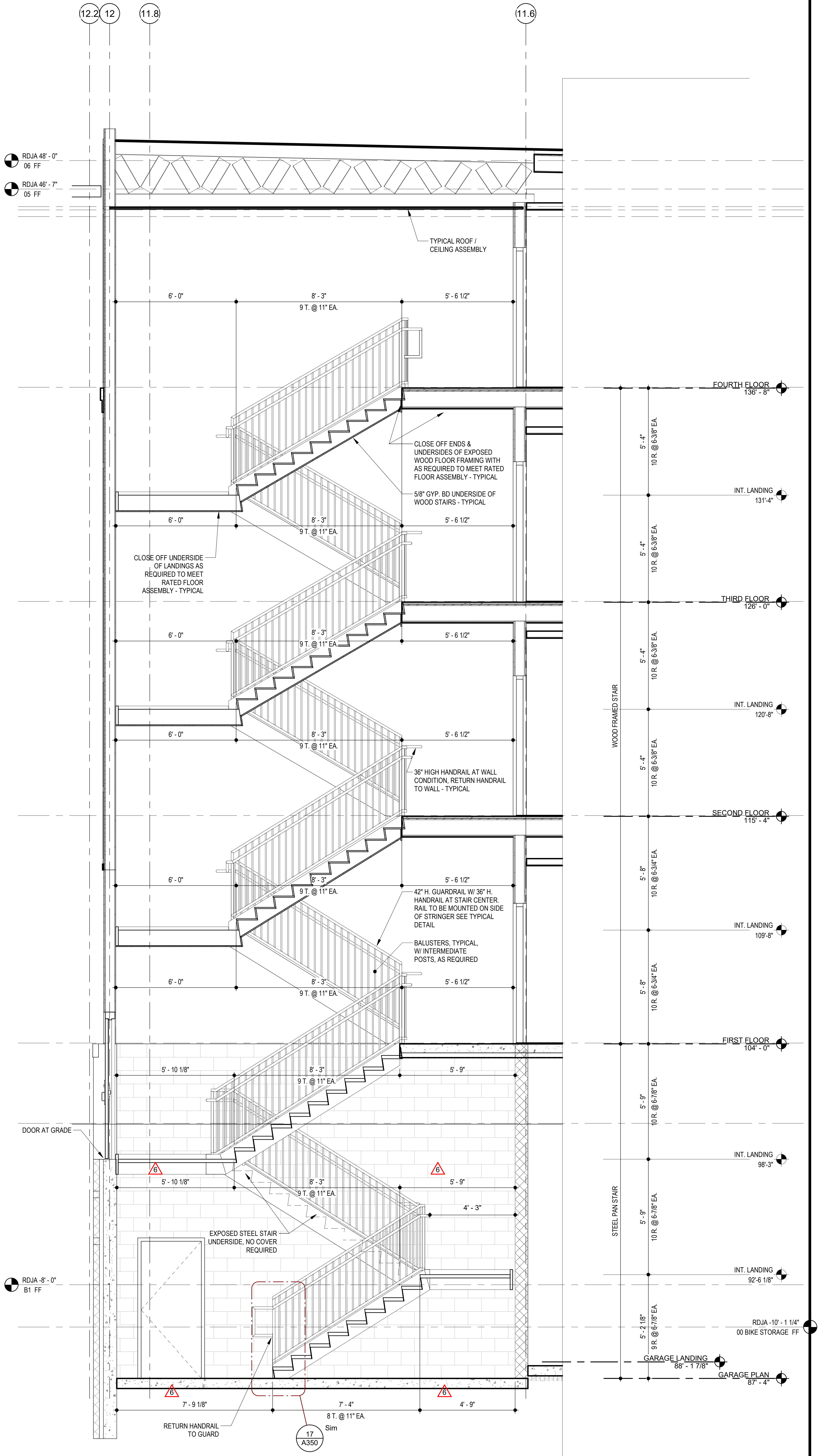
6 'STAIR C' PLAN - SECOND FLOOR
SCALE: 3/8" = 1'-0"



7 'STAIR C' PLAN - FIRST FLOOR
SCALE: 3/8" = 1'-0"



8 'STAIR C' PLAN - GARAGE
SCALE: 3/8" = 1'-0"



16 STAIR SECTION - STAIR C
SCALE: 3/8" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143
7.2.20

TR,i ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Summit at West Pryor

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DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
10	REVISION 5	7.2.2020

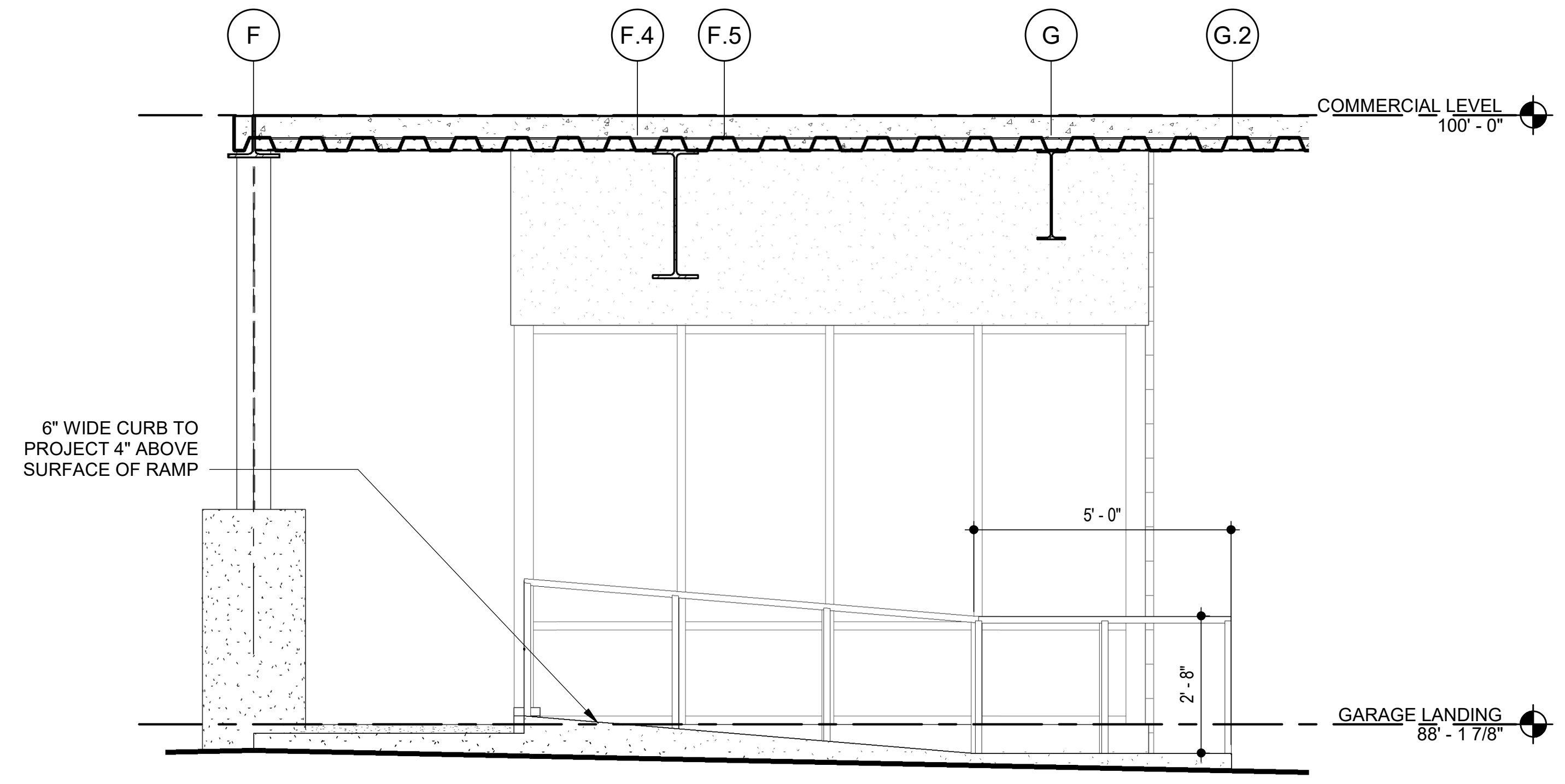
DWG BY jmr

TR,i PROJECT NO. 18-046

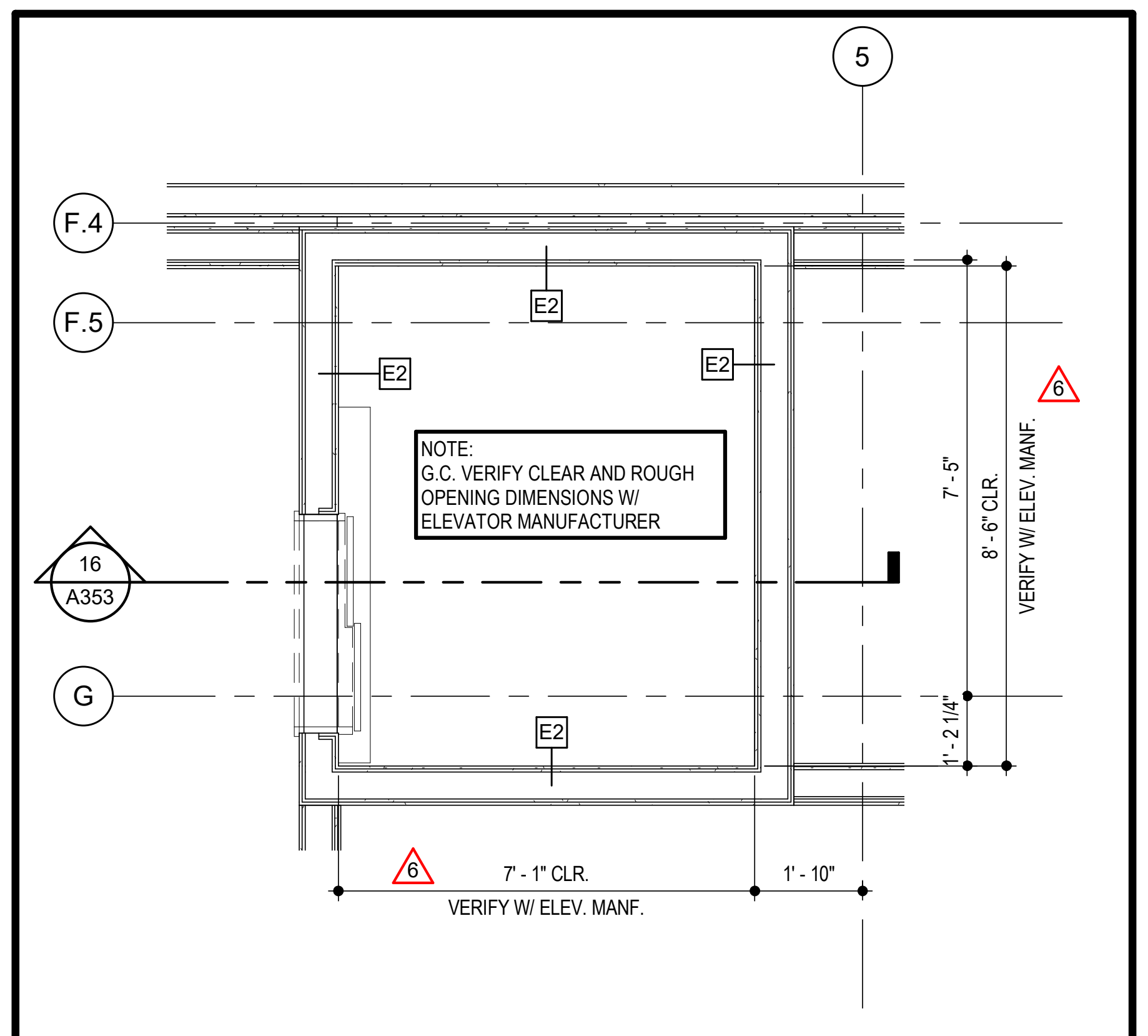
SHEET NO.

A352

STAIR C

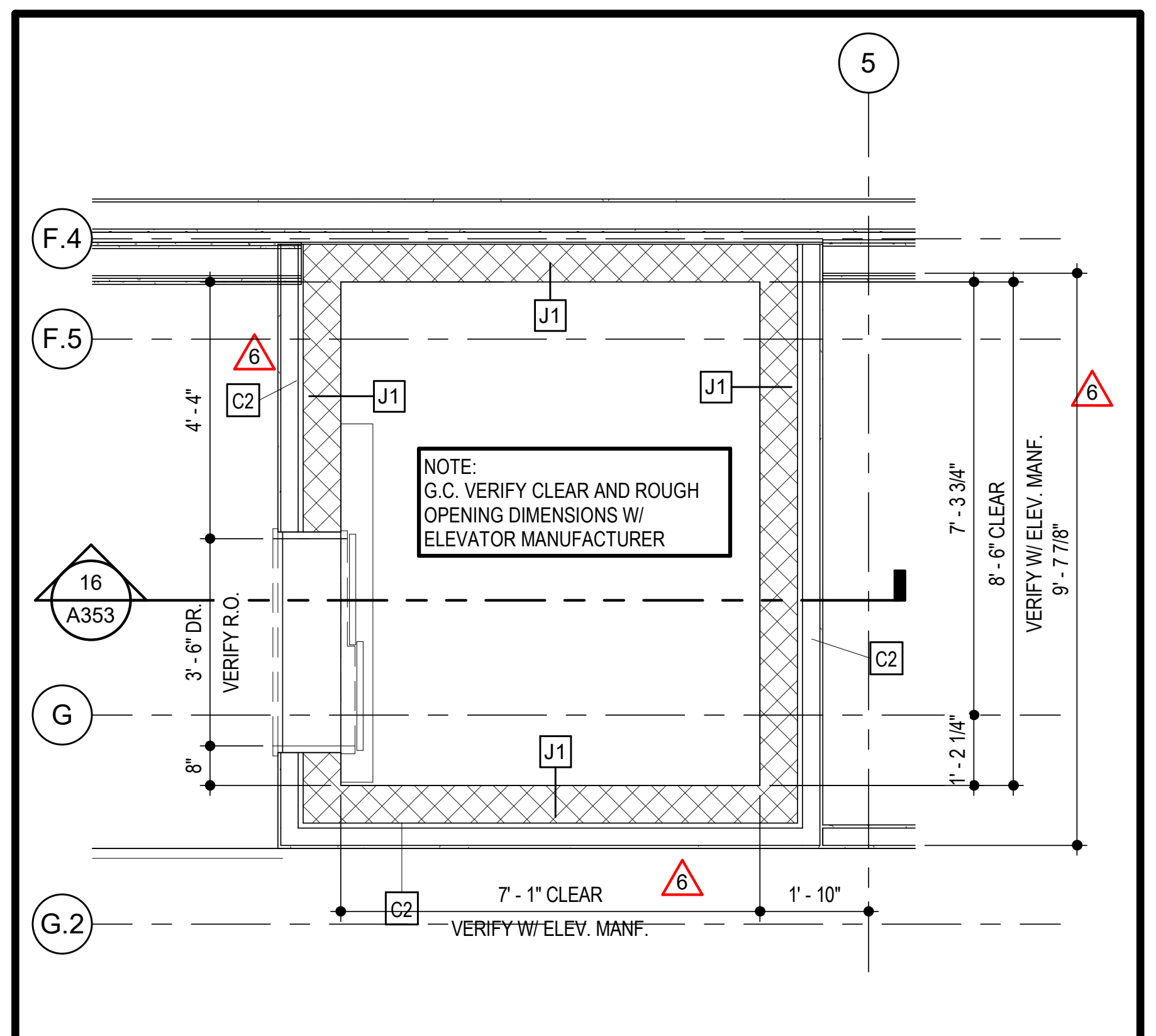


1 ELEVATOR RAMP ELEVATION
SCALE: 3/8" = 1'-0"



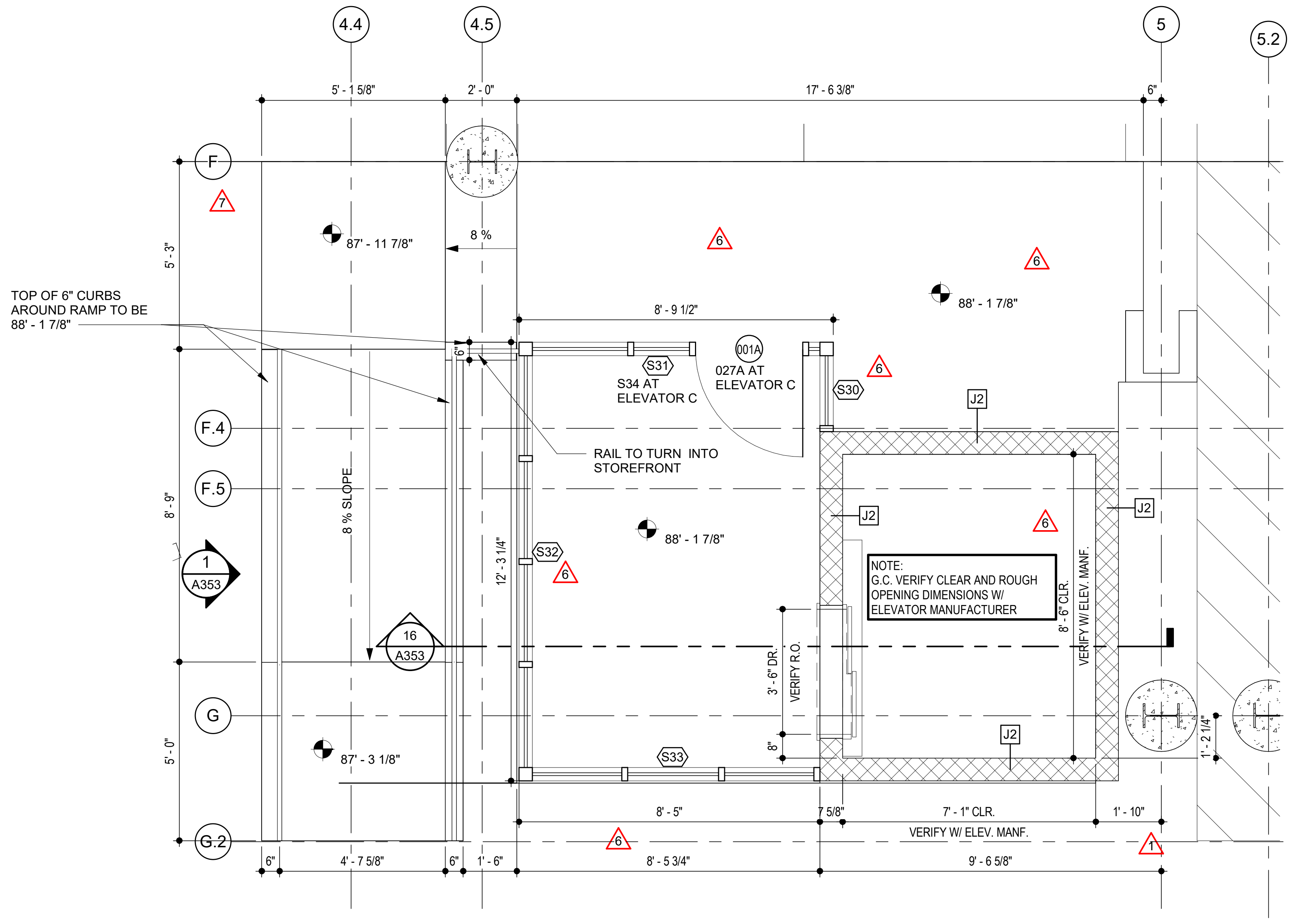
NOTE:
G.C. VERIFY CLEAR AND ROUGH
OPENING DIMENSIONS W/
ELEVATOR MANUFACTURER

9 ELEVATOR A/C PLAN - SECOND - FOURTH FLOORS
SCALE: 3/8" = 1'-0"



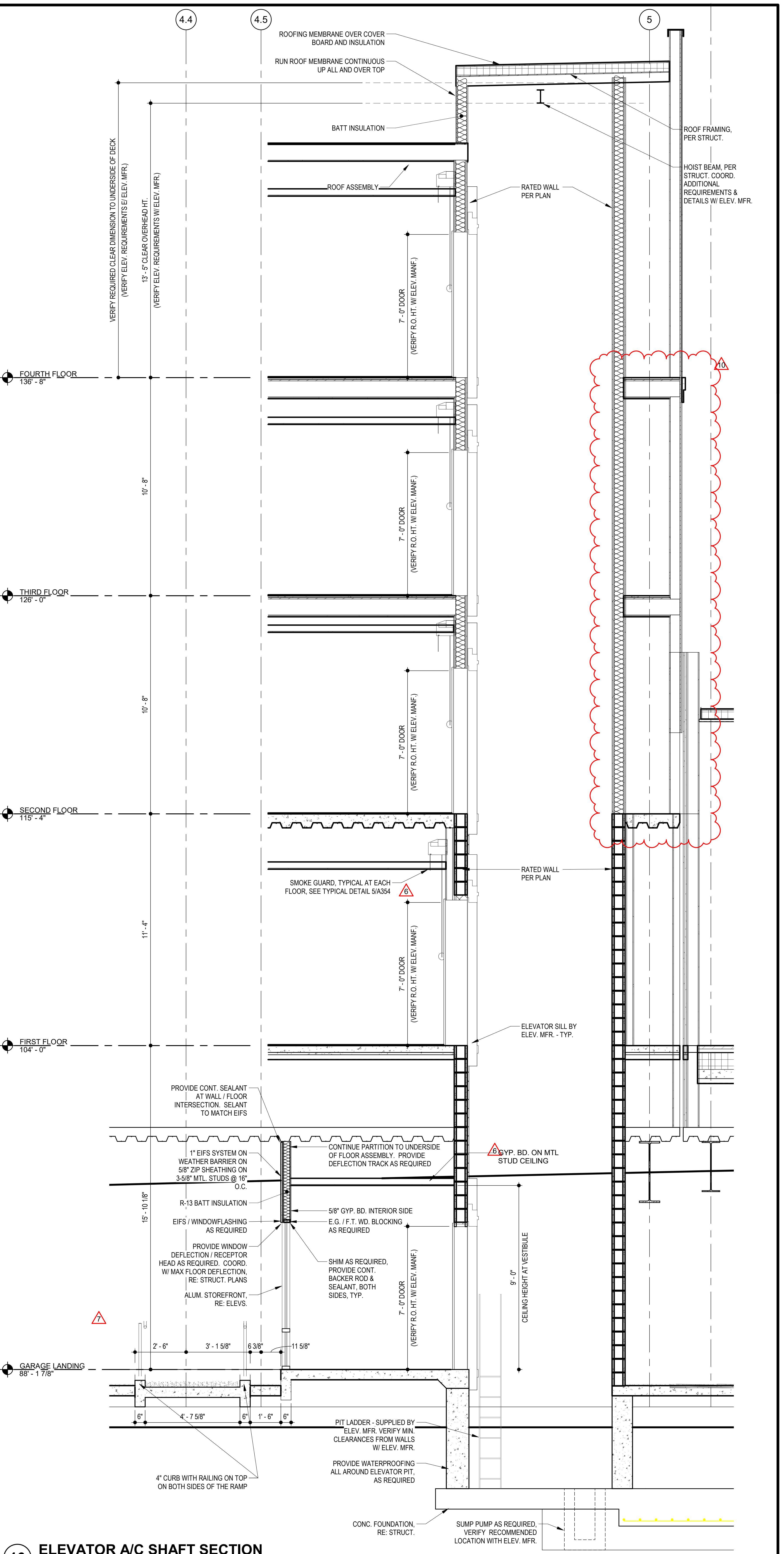
NOTE:
G.C. VERIFY CLEAR AND ROUGH
OPENING DIMENSIONS W/
ELEVATOR MANUFACTURER

10 ELEVATOR A/C PLAN - FIRST FLOOR
SCALE: 3/8" = 1'-0"



NOTE:
G.C. VERIFY CLEAR AND ROUGH
OPENING DIMENSIONS W/
ELEVATOR MANUFACTURER

8 ELEVATOR A/C PLAN - GARAGE
SCALE: 3/8" = 1'-0"



16 ELEVATOR A/C SHAFT SECTION
SCALE: 3/8" = 1'-0"

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7	REVISION 2	1.24.20
10	REVISION 5	7.2.2020

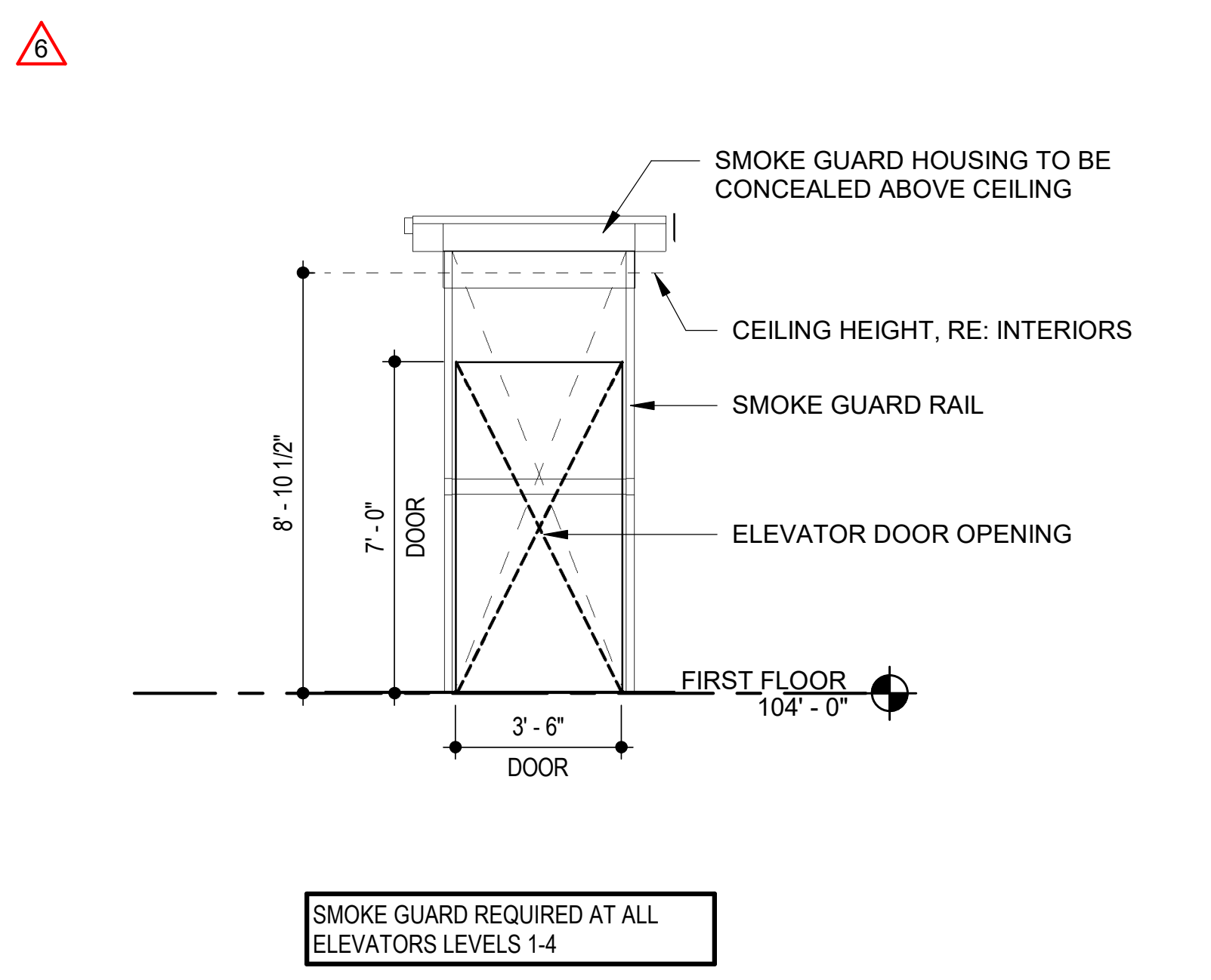
DWG BY jmr

TR,i PROJECT NO. 18-046

SHEET NO.

A353

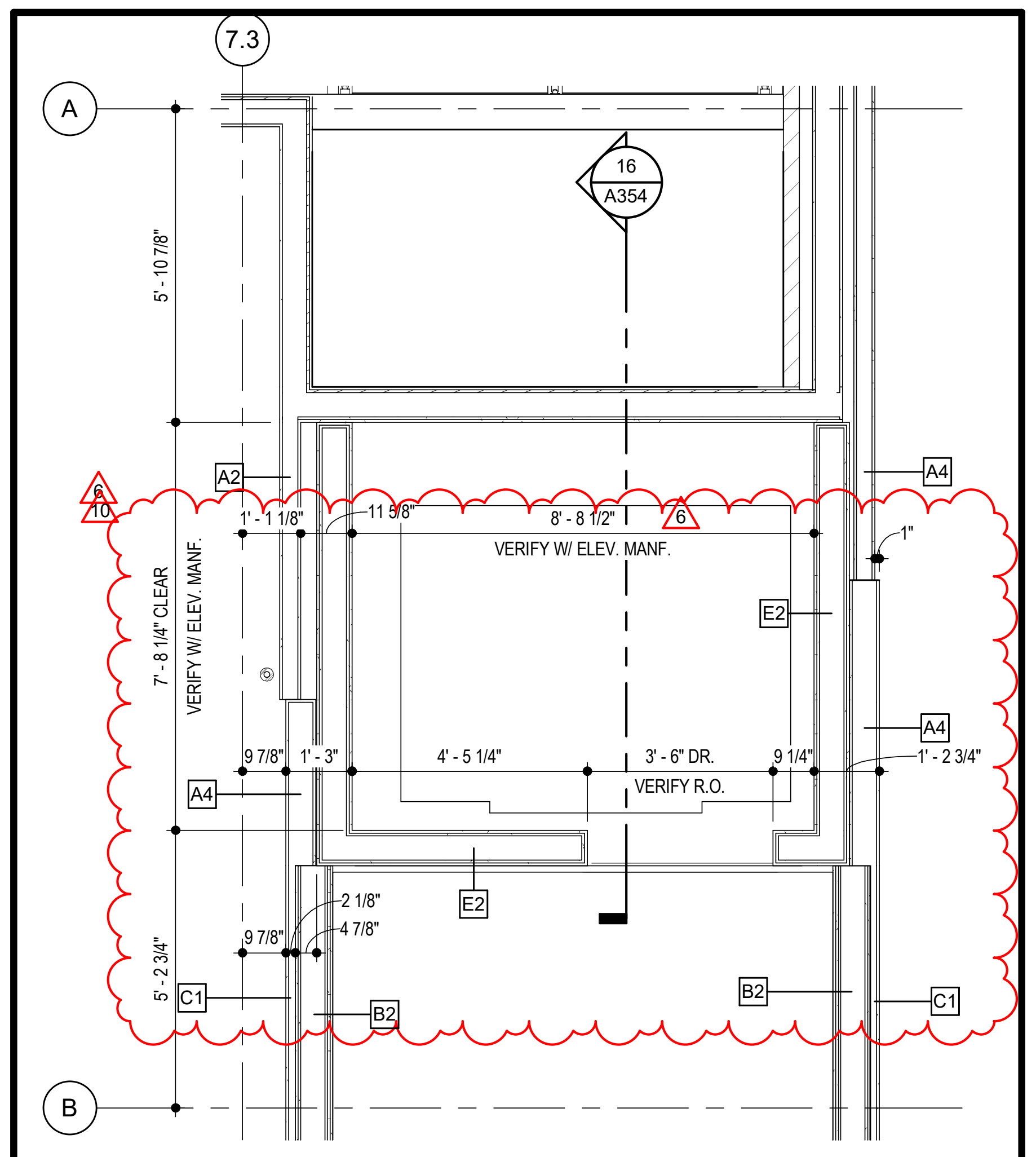
ELEVATOR A/C



SMOKE GUARD REQUIRED AT ALL ELEVATORS LEVELS 1-4

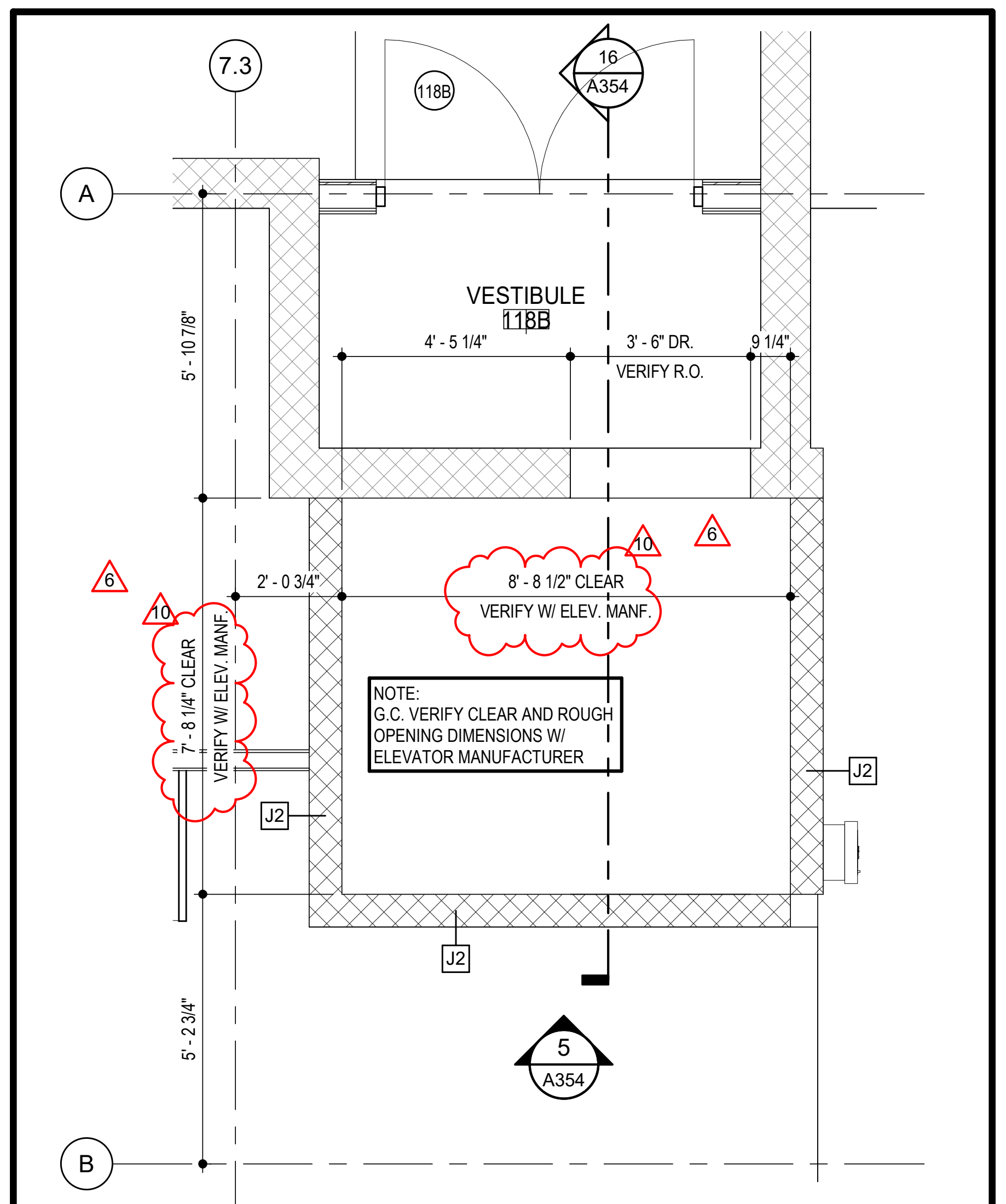
5 ELEVATOR SMOKE GUARD

SCALE: 1/4" = 1'-0"



9 ELEVATOR B PLAN - TYP. FLOOR

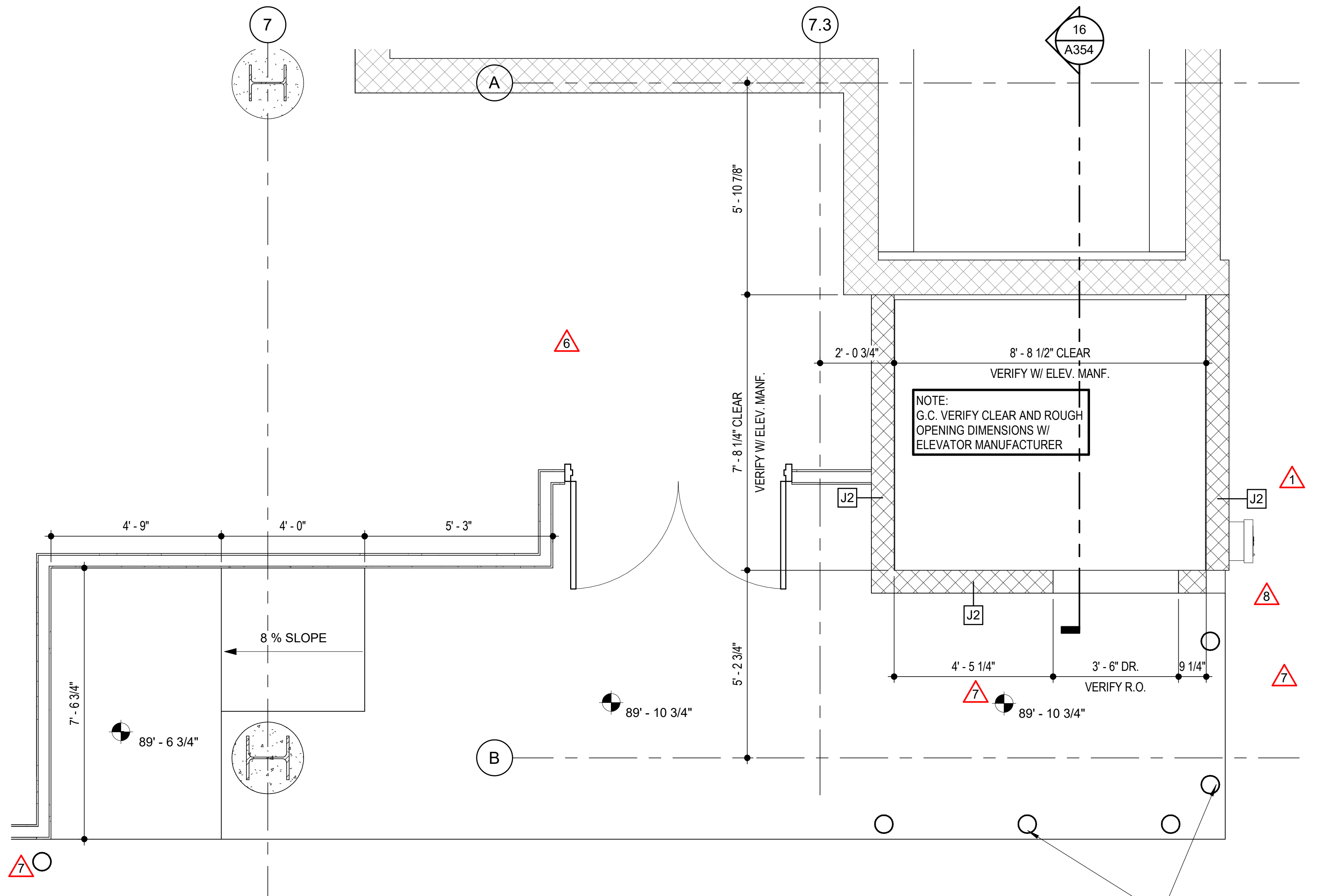
SCALE: 3/8" = 1'-0"



NOTE:
G.C. VERIFY CLEAR AND ROUGH OPENING DIMENSIONS W/ ELEVATOR MANUFACTURER

10 ELEVATOR B PLAN - STREET LEVEL

SCALE: 3/8" = 1'-0"

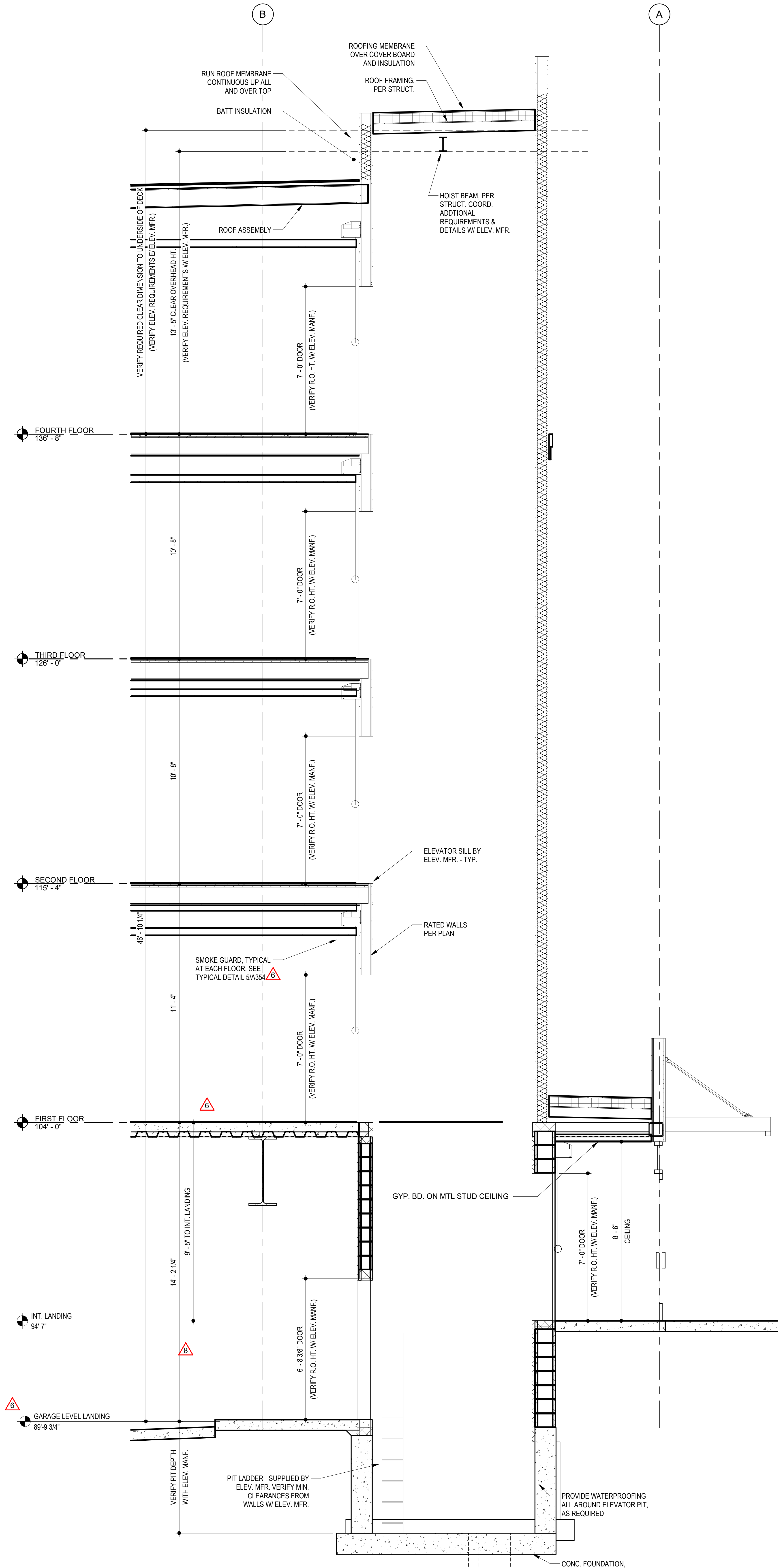


NOTE:
G.C. VERIFY CLEAR AND ROUGH OPENING DIMENSIONS W/ ELEVATOR MANUFACTURER

BOLLARDS @ 4' O.C.
UNLESS NOTED
OTHERWISE

12 ELEVATOR B PLAN - GARAGE

SCALE: 3/8" = 1'-0"


B
A
ROOFING MEMBRANE OVER COVER BOARD AND INSULATION
RUN ROOF MEMBRANE CONTINUOUS UP ALL AND OVER TOP
ROOF FRAMING, PER STRUCT.
BATT INSULATION
HOIST BEAM, PER STRUCT. COORD. ADDTIONAL REQUIREMENTS & DETAILS W/ ELEV. MFR.
ROOF ASSEMBLY
VERIFY REQUIRED CLEAR DIMENSION TO UNDERSIDE OF DECK
(VERIFY ELEV. REQUIREMENTS E/ ELEV. MFR.)
13' - 5" CLEAR OVERHEAD HT.
(VERIFY ELEV. REQUIREMENTS W/ ELEV. MFR.)
7' - 0" DOOR
(VERIFY R.O. HT. W/ ELEV. MANF.)
FOURTH FLOOR
136' - 8"
10' - 8"
7' - 0" DOOR
(VERIFY R.O. HT. W/ ELEV. MANF.)
THIRD FLOOR
126' - 0"
10' - 8"
7' - 0" DOOR
(VERIFY R.O. HT. W/ ELEV. MANF.)
ELEVATOR SILL BY ELEV. MFR. - TYP.
SECOND FLOOR
115' - 4"
46' - 10 1/4"
RATED WALLS PER PLAN
SMOKE GUARD, TYPICAL AT EACH FLOOR, SEE TYPICAL DETAIL 5/A354
6
11' - 4"
7' - 0" DOOR
(VERIFY R.O. HT. W/ ELEV. MANF.)
6
FIRST FLOOR
104' - 0"
GYP. BD. ON MTL STUD CEILING
9' - 5" TO INT. LANDING
14' - 2 1/4"
7' - 0" DOOR
(VERIFY R.O. HT. W/ ELEV. MANF.)
8' - 6"
CEILING
INT. LANDING
94'-7"
8
6' - 8 3/8" DOOR
(VERIFY R.O. HT. W/ ELEV. MANF.)
6
GARAGE LEVEL LANDING
89'-9 3/4"
VERIFY PIT DEPTH WITH ELEV. MANF.
PIT LADDER - SUPPLIED BY ELEV. MFR. VERIFY MIN. CLEARANCES FROM WALLS W/ ELEV. MFR.
PROVIDE WATERPROOFING ALL AROUND ELEVATOR PIT, AS REQUIRED
CONC. FOUNDATION, RE: STRUCT.
SUMP PUMP AS REQUIRED, VERIFY RECOMMENDED LOCATION WITH ELEV. MFR.

16 ELEVATOR B SHAFT SECTION

SCALE: 3/8" = 1'-0"

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10	REVISION 5	7.2.2020

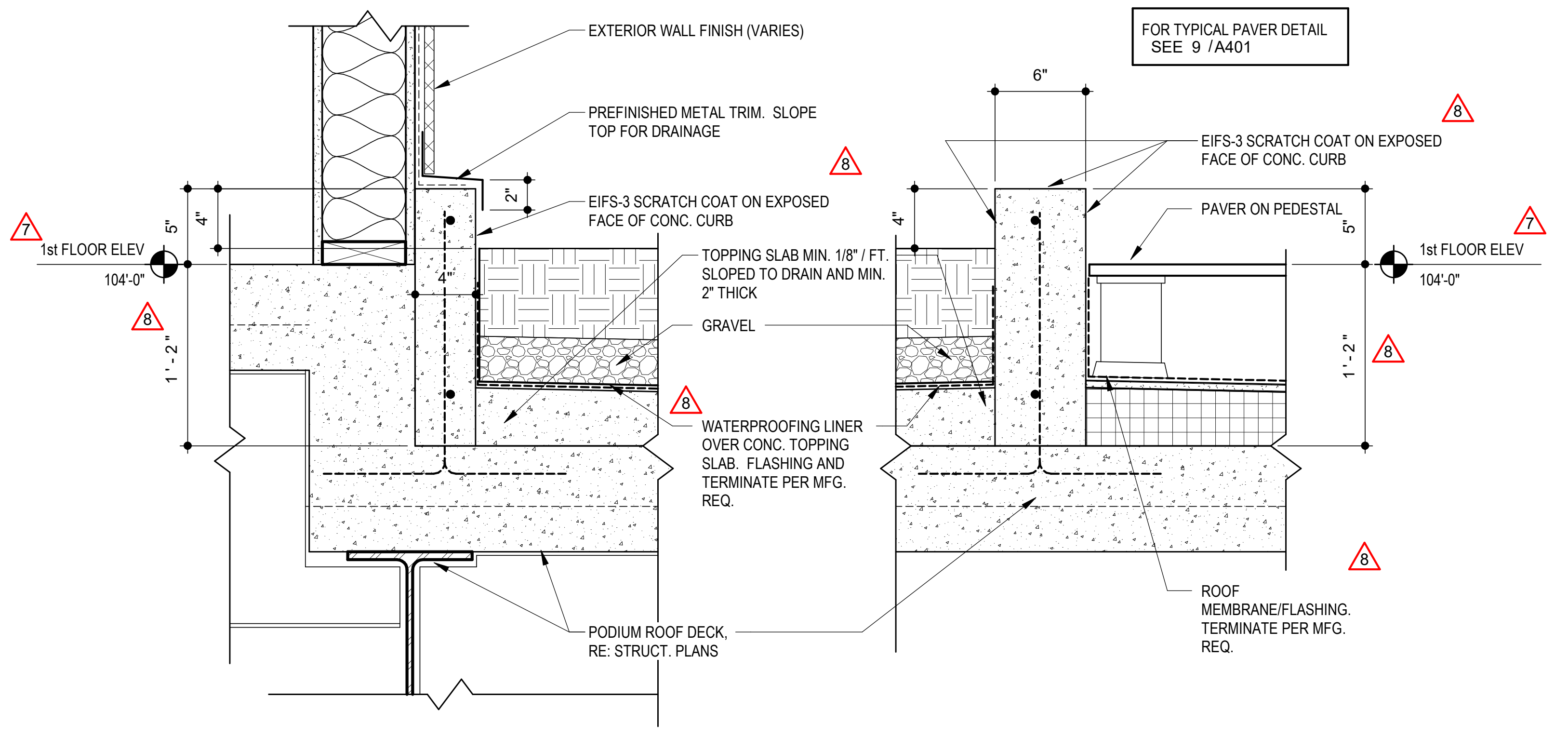
DWG BY jmr

TR,i PROJECT NO. 18-046

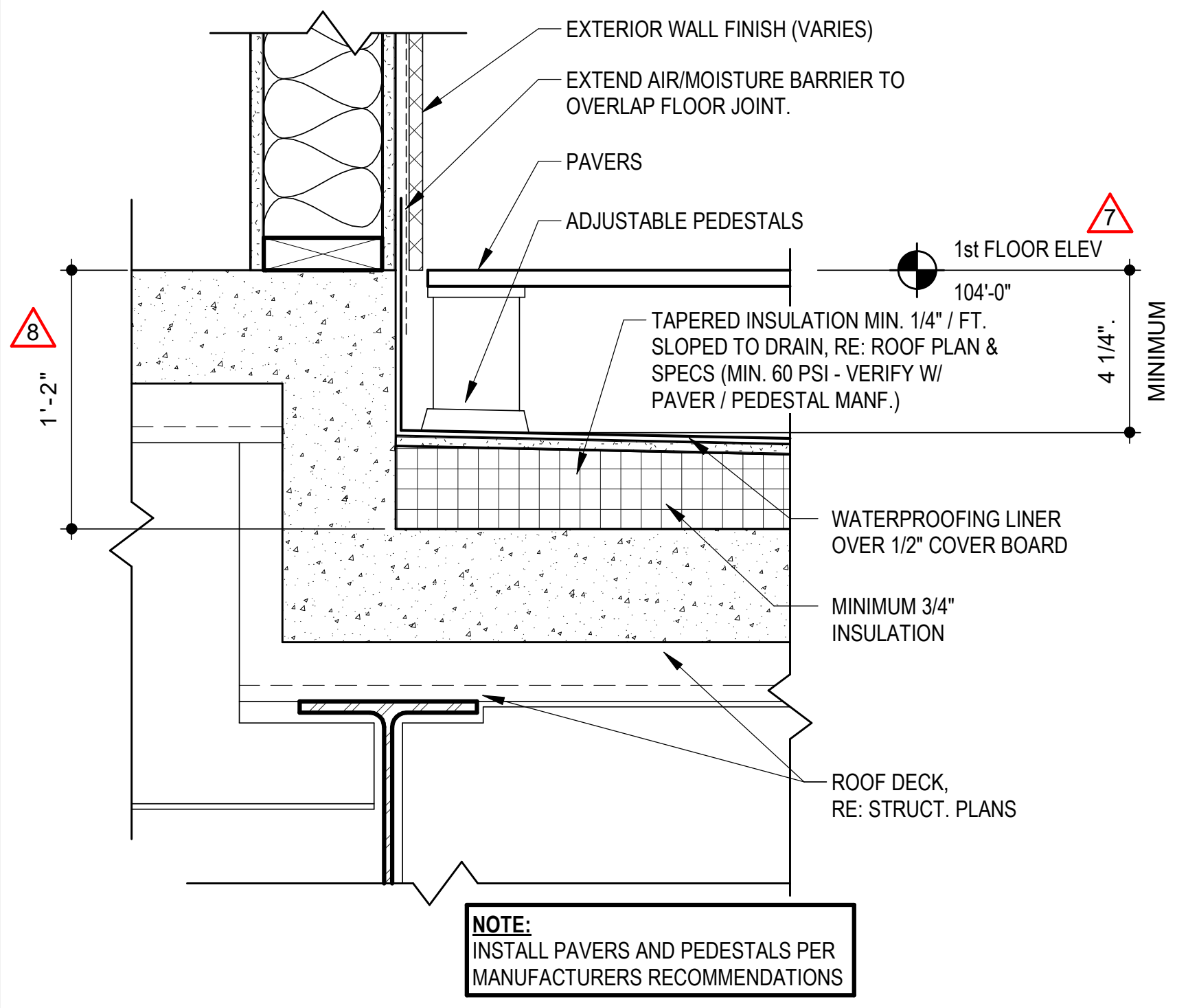
SHEET NO.

A354

ELEVATOR B

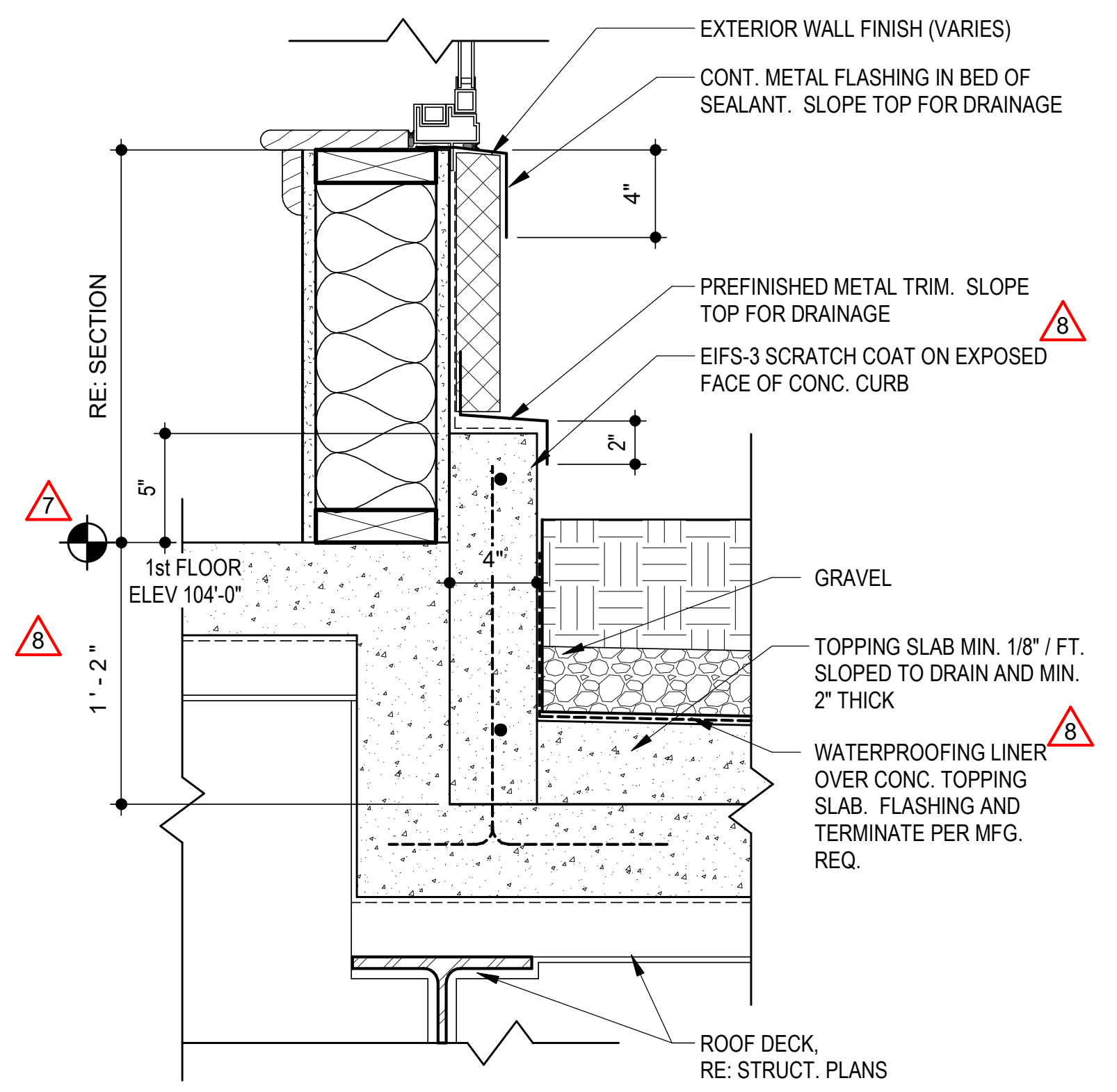

EXTERIOR WALL FINISH (VARIES)
PREFINISHED METAL TRIM. SLOPE TOP FOR DRAINAGE
EIFS-3 SCRATCH COAT ON EXPOSED FACE OF CONC. CURB
TOPPING SLAB MIN. 1/8" / FT. SLOPED TO DRAIN AND MIN. 2" THICK
GRAVEL
WATERPROOFING LINER OVER CONC. TOPPING SLAB. FLASHING AND TERMINATE PER MFG. REQ.
PODIUM ROOF DECK, RE: STRUCT. PLANS
FOR TYPICAL PAVER DETAIL SEE 9 /A401
6"
PAVER ON PEDESTAL
ROOF MEMBRANE/FLASHING. TERMINATE PER MFG. REQ.
1st FLOOR ELEV
104'-0"
5"
4"
2"
1'-2"
7
8

1 COURTYARD LOW PLANTER DETAIL
SCALE: 1 1/2" = 1'-0"

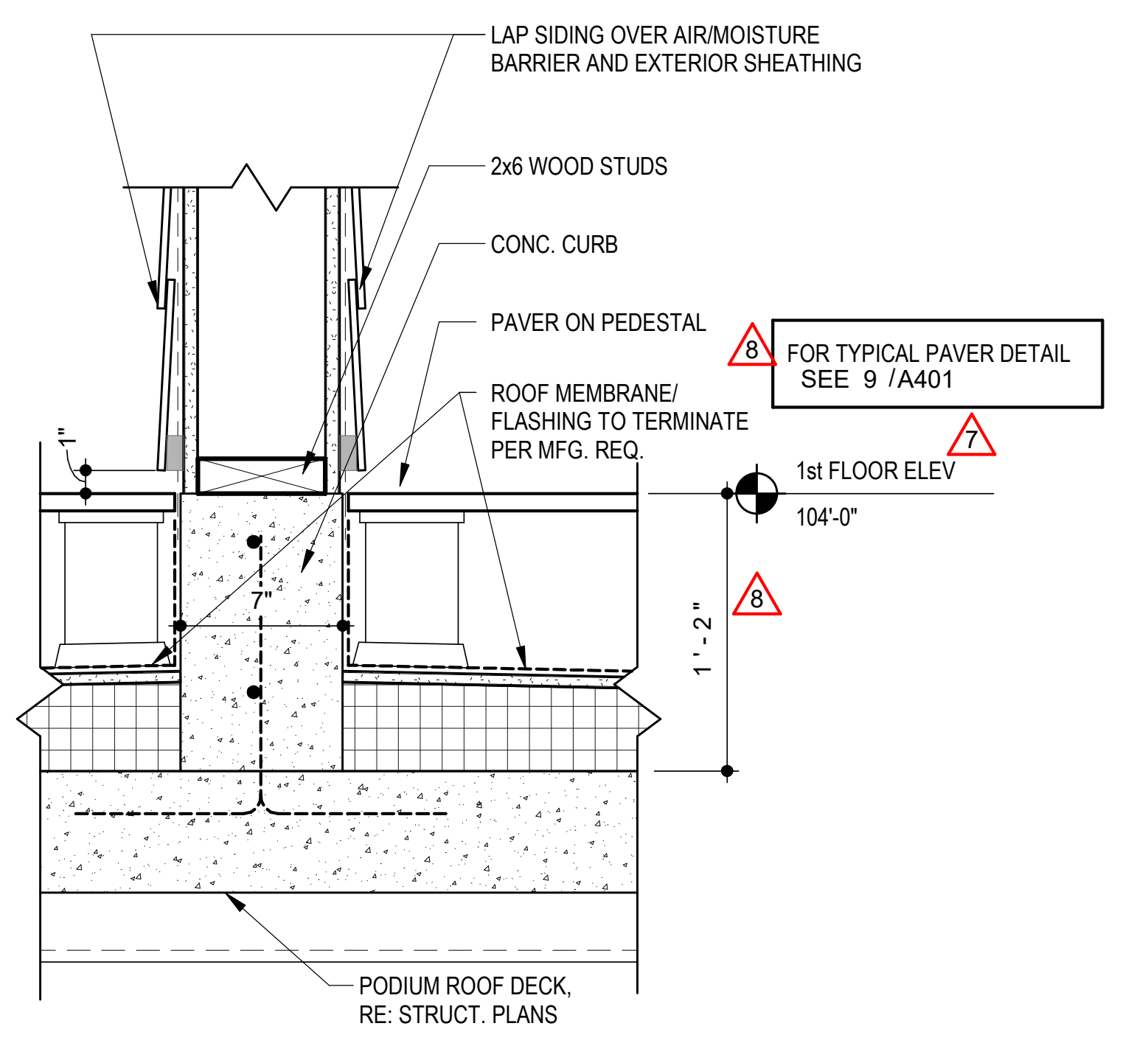

EXTERIOR WALL FINISH (VARIES)
EXTEND AIR/MOISTURE BARRIER TO OVERLAP FLOOR JOINT.
PAVERS
ADJUSTABLE PEDESTALS
1st FLOOR ELEV
104'-0"
TAPERED INSULATION MIN. 1/4" / FT. SLOPED TO DRAIN, RE: ROOF PLAN & SPECS (MIN. 60 PSI - VERIFY W/ PAVER / PEDESTAL MANF.)
WATERPROOFING LINER OVER 1/2" COVER BOARD
MINIMUM 3/4" INSULATION
ROOF DECK, RE: STRUCT. PLANS
4 1/4" MINIMUM
1'-2"
7
8

NOTE:
INSTALL PAVERS AND PEDESTALS PER MANUFACTURERS RECOMMENDATIONS

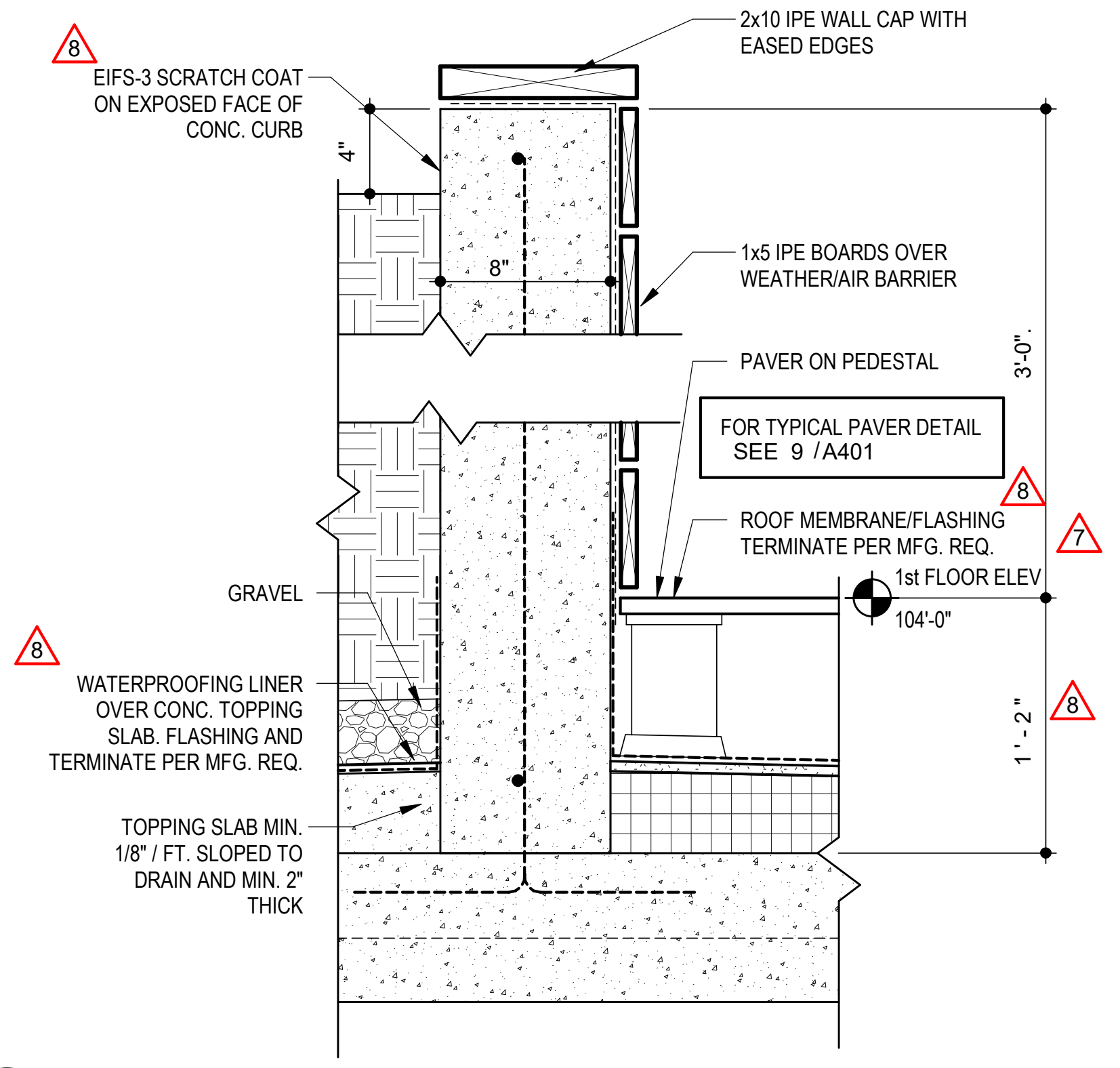
9 PATIO PAVER DETAIL
SCALE: 1 1/2" = 1'-0"


EXTERIOR WALL FINISH (VARIES)
CONT. METAL FLASHING IN BED OF SEALANT. SLOPE TOP FOR DRAINAGE
PREFINISHED METAL TRIM. SLOPE TOP FOR DRAINAGE
EIFS-3 SCRATCH COAT ON EXPOSED FACE OF CONC. CURB
GRAVEL
TOPPING SLAB MIN. 1/8" / FT. SLOPED TO DRAIN AND MIN. 2" THICK
WATERPROOFING LINER OVER CONC. TOPPING SLAB. FLASHING AND TERMINATE PER MFG. REQ.
ROOF DECK, RE: STRUCT. PLANS
RE: SECTION
1st FLOOR ELEV 104'-0"
4"
5"
2"
1'-2"
7
8

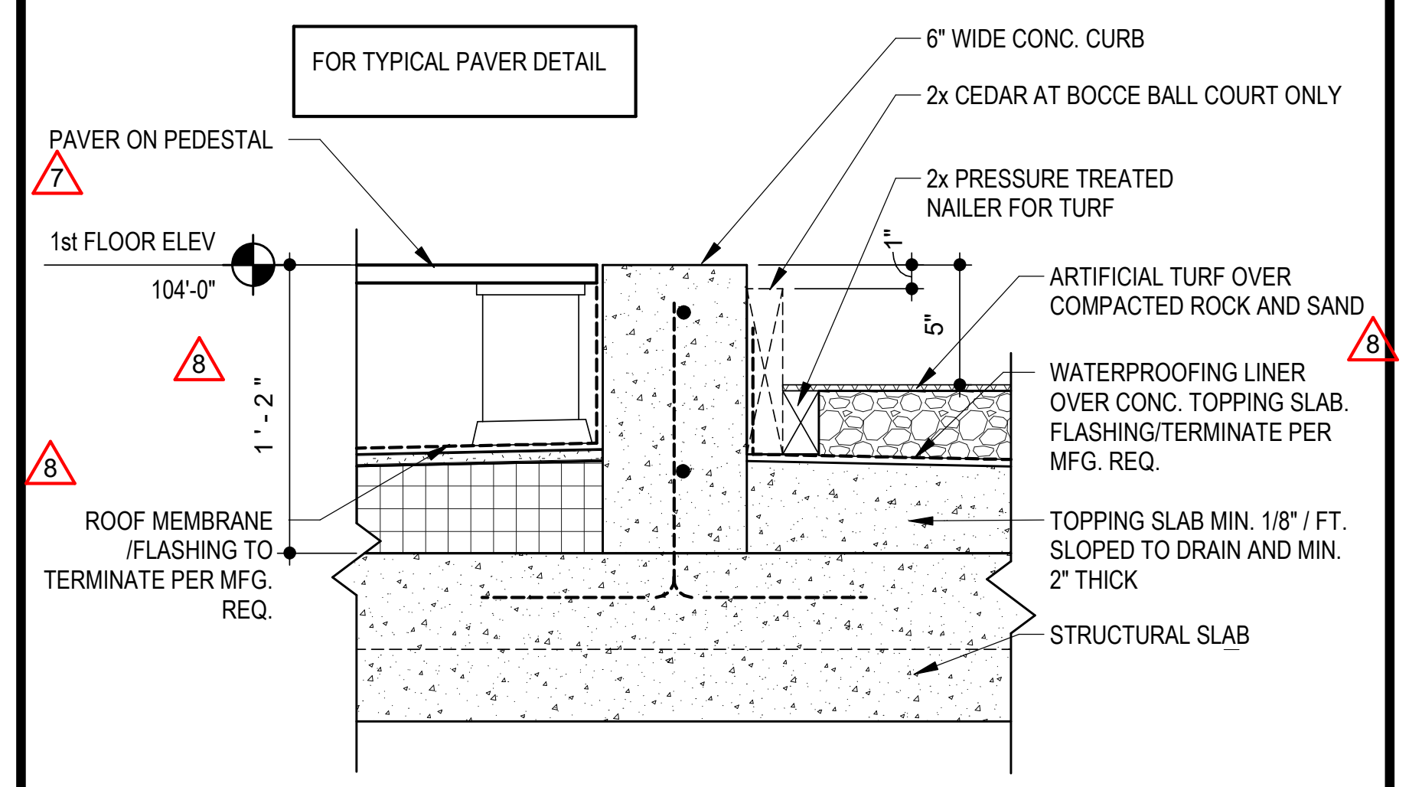
13 LOW PLANTER CURB AT WINDOW
SCALE: 1 1/2" = 1'-0"


LAP SIDING OVER AIR/MOISTURE BARRIER AND EXTERIOR SHEATHING
2x6 WOOD STUDS
CONC. CURB
PAVER ON PEDESTAL
ROOF MEMBRANE/ FLASHING TO TERMINATE PER MFG. REQ.
FOR TYPICAL PAVER DETAIL SEE 9 /A401
1st FLOOR ELEV
104'-0"
PODIUM ROOF DECK, RE: STRUCT. PLANS
1"
7"
1'-2"
7
8

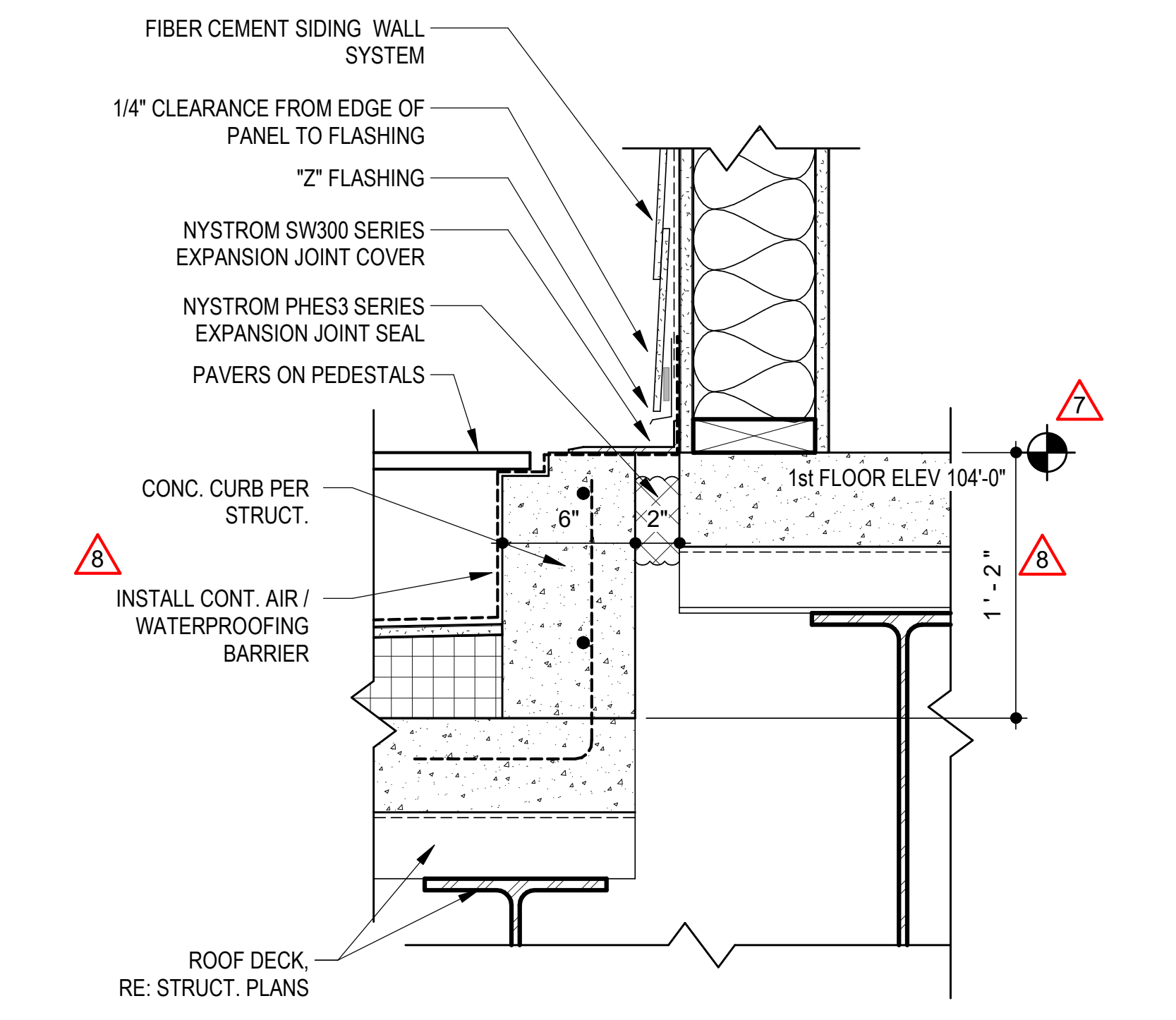
17 CURB AT BALCONY DIVIDER WALL
SCALE: 1 1/2" = 1'-0"


EIFS-3 SCRATCH COAT ON EXPOSED FACE OF CONC. CURB
2x10 IPE WALL CAP WITH EASED EDGES
1x5 IPE BOARDS OVER WEATHER/AIR BARRIER
PAVER ON PEDESTAL
FOR TYPICAL PAVER DETAIL SEE 9 /A401
ROOF MEMBRANE/FLASHING TERMINATE PER MFG. REQ.
1st FLOOR ELEV
104'-0"
GRAVEL
WATERPROOFING LINER OVER CONC. TOPPING SLAB. FLASHING AND TERMINATE PER MFG. REQ.
TOPPING SLAB MIN. 1/8" / FT. SLOPED TO DRAIN AND MIN. 2" THICK
4"
8"
3'-0"
1'-2"
7
8

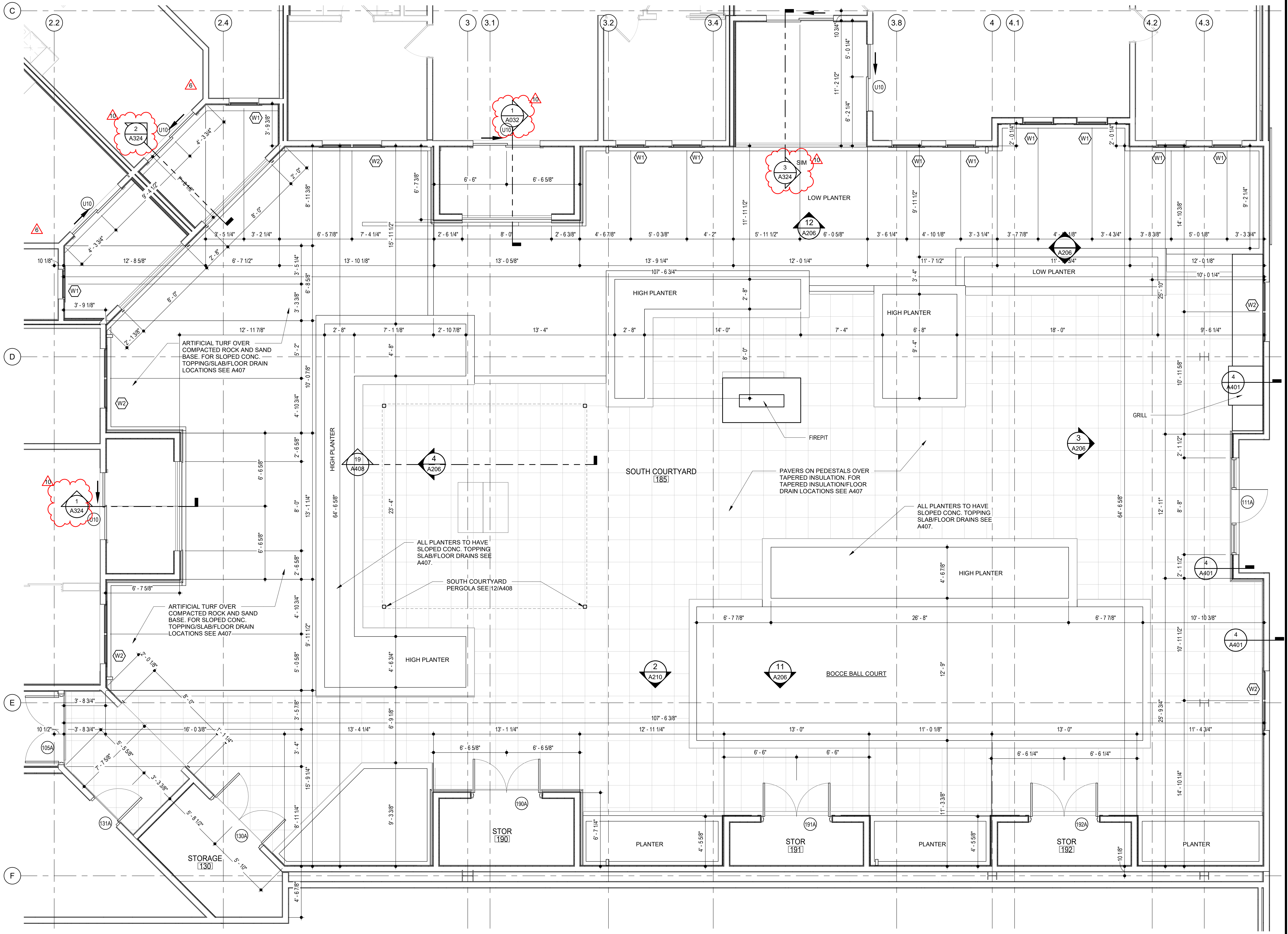
2 COURTYARD HIGH PLANTER
SCALE: 1 1/2" = 1'-0"


FOR TYPICAL PAVER DETAIL
PAVER ON PEDESTAL
1st FLOOR ELEV
104'-0"
6" WIDE CONC. CURB
2x CEDAR AT BOCCE BALL COURT ONLY
2x PRESSURE TREATED NAILER FOR TURF
ARTIFICIAL TURF OVER COMPACTED ROCK AND SAND
WATERPROOFING LINER OVER CONC. TOPPING SLAB. FLASHING/TERMINATE PER MFG. REQ.
TOPPING SLAB MIN. 1/8" / FT. SLOPED TO DRAIN AND MIN. 2" THICK
STRUCTURAL SLAB
ROOF MEMBRANE /FLASHING TO TERMINATE PER MFG. REQ.
1"
5"
1'-2"
7
8

3 ARTIFICIAL TURF DETAIL
SCALE: 1 1/2" = 1'-0"


FIBER CEMENT SIDING WALL SYSTEM
1/4" CLEARANCE FROM EDGE OF PANEL TO FLASHING
"Z" FLASHING
NYSTROM SW300 SERIES EXPANSION JOINT COVER
NYSTROM PHES3 SERIES EXPANSION JOINT SEAL
PAVERS ON PEDESTALS
CONC. CURB PER STRUCT.
INSTALL CONT. AIR / WATERPROOFING BARRIER
ROOF DECK, RE: STRUCT. PLANS
1st FLOOR ELEV 104'-0"
6"
2"
1'-2"
7
8

4 EXPANSION JOINT COVER AT PAVERS
SCALE: 1 1/2" = 1'-0"


C
D
E
F
2.2
2.4
3
3.1
3.2
3.4
3.8
4
4.1
4.2
4.3
LOW PLANTER
LOW PLANTER
HIGH PLANTER
HIGH PLANTER
HIGH PLANTER
HIGH PLANTER
HIGH PLANTER
FIREPIT
GRILL
SOUTH COURTYARD
185
ARTIFICIAL TURF OVER COMPACTED ROCK AND SAND BASE. FOR SLOPED CONC. TOPPING/SLAB/FLOOR DRAIN LOCATIONS SEE A407
ARTIFICIAL TURF OVER COMPACTED ROCK AND SAND BASE. FOR SLOPED CONC. TOPPING/SLAB/FLOOR DRAIN LOCATIONS SEE A407
PAVERS ON PEDESTALS OVER TAPERED INSULATION. FOR TAPERED INSULATION/FLOOR DRAIN LOCATIONS SEE A407
ALL PLANTERS TO HAVE SLOPED CONC. TOPPING SLAB/FLOOR DRAINS SEE A407.
ALL PLANTERS TO HAVE SLOPED CONC. TOPPING SLAB/FLOOR DRAINS SEE A407.
SOUTH COURTYARD PERGOLA SEE 12/A408
BOCCE BALL COURT
STORAGE
130
STOR
190
STOR
191
STOR
192
PLANTER
PLANTER
PLANTER
105A
131A
130A
190A
191A
192A
111A
1 A032
2 A324
3 A324
1 A324
12 A206
1 A206
4 A206
3 A206
2 A210
11 A206
19 A408
4 A401
SIM
W1
W2
U10
10
6
107' - 6 3/4"
107' - 6 3/8"
64' - 6 5/8"
23' - 4"
26' - 8"
18' - 0"
13' - 4"
14' - 0"

8 ENLARGED PLAN - SOUTH COURTYARD 1ST FLOOR
SCALE: 1/4" = 1'-0"

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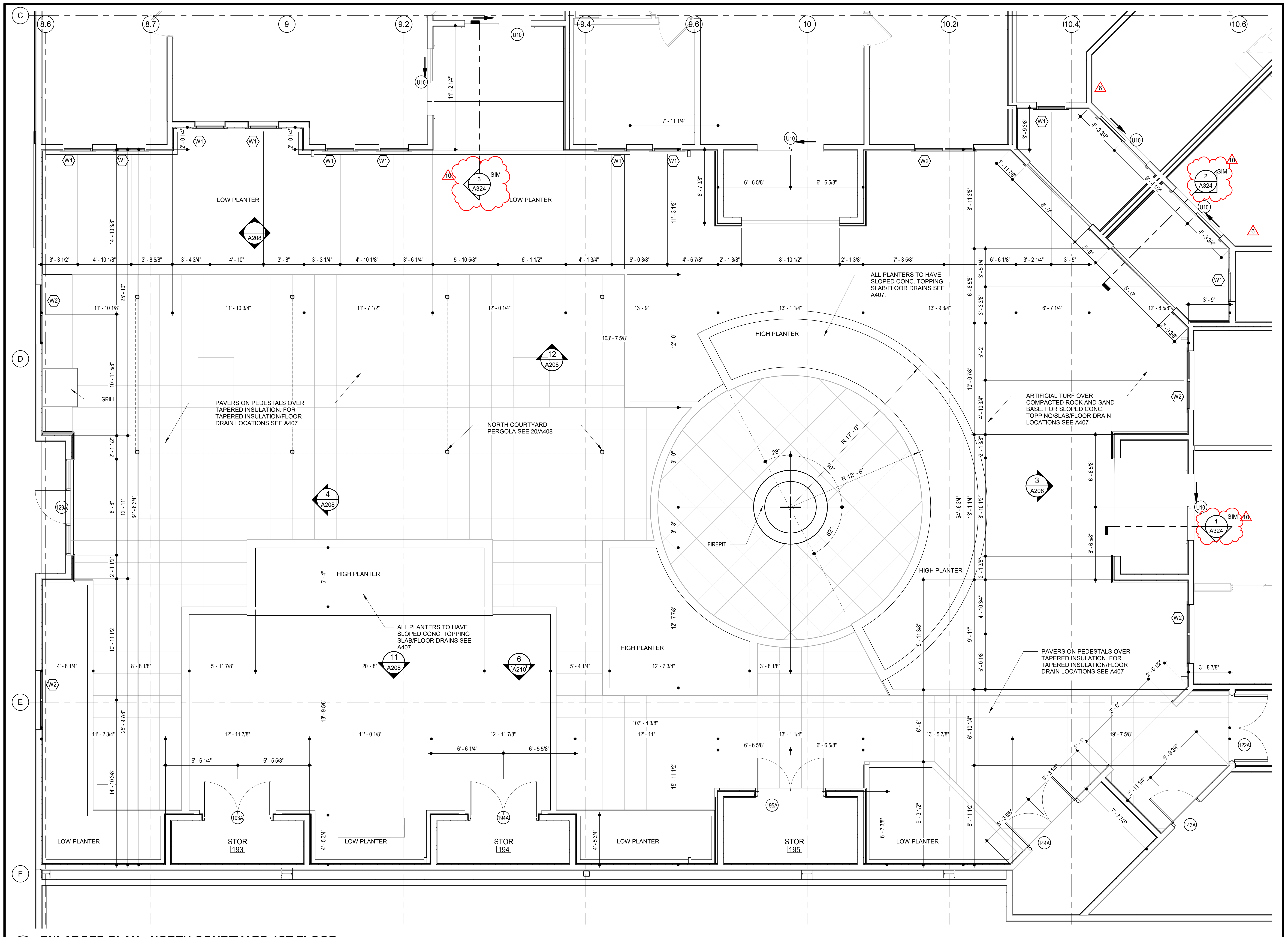
DWG BY KW

TR,i PROJECT NO. 18-046

SHEET NO.

A401

ENLARGED COURTYARD PLANS



C
D
E
F
8.6
8.7
9
9.2
9.4
9.6
10
10.2
10.4
10.6
LOW PLANTER
HIGH PLANTER
ALL PLANTERS TO HAVE SLOPED CONC. TOPPING SLAB/FLOOR DRAINS SEE A407.
PAVERS ON PEDESTALS OVER TAPERED INSULATION. FOR TAPERED INSULATION/FLOOR DRAIN LOCATIONS SEE A407
NORTH COURTYARD PERGOLA SEE 20/A408
ARTIFICIAL TURF OVER COMPACTED ROCK AND SAND BASE. FOR SLOPED CONC. TOPPING/SLAB/FLOOR DRAIN LOCATIONS SEE A407
GRILL
FIREPIT
R 17' - 0"
R 12' - 8"
28"
90"
62"
STOR 193
STOR 194
STOR 195
193A
194A
195A
129A
122A
143A
144A
W1
W2
U10
3 A324 SIM
2 A324 SIM
1 A324 SIM
A208
12 A208
4 A208
3 A208
11 A208
6 A210
103' - 7 5/8"
107' - 4 3/8"
64' - 6 3/4"

1 ENLARGED PLAN - NORTH COURTYARD 1ST FLOOR

SCALE: 1/4" = 1'-0"

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DATE: 7.29.19

REVISIONS #

	SHELL PACKAGE	7.29.19
6	REVISION 1	12.20.19
10	REVISION 5	7.2.2020

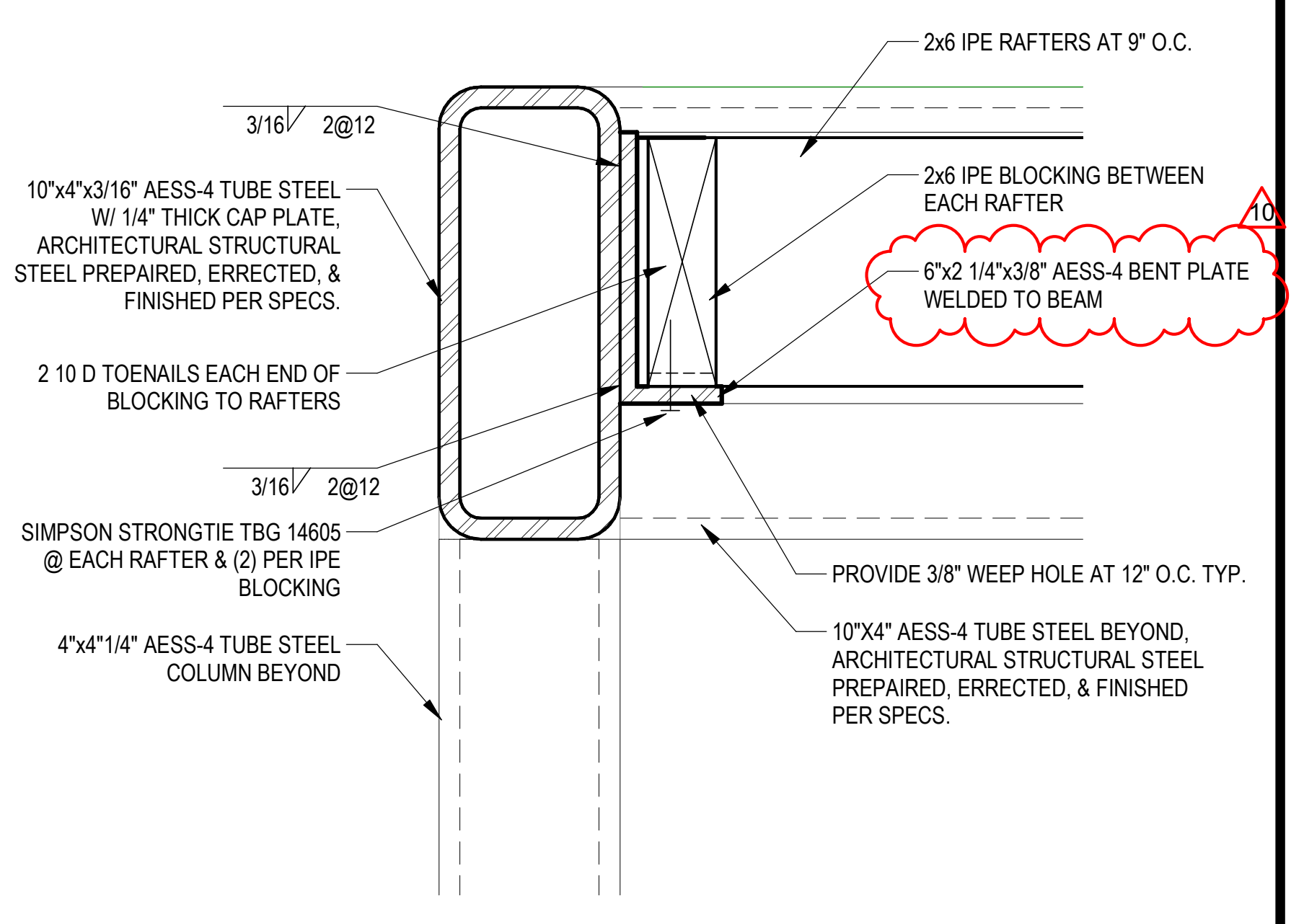
DWG BY KW

TR,i PROJECT NO. 18-046

SHEET NO.

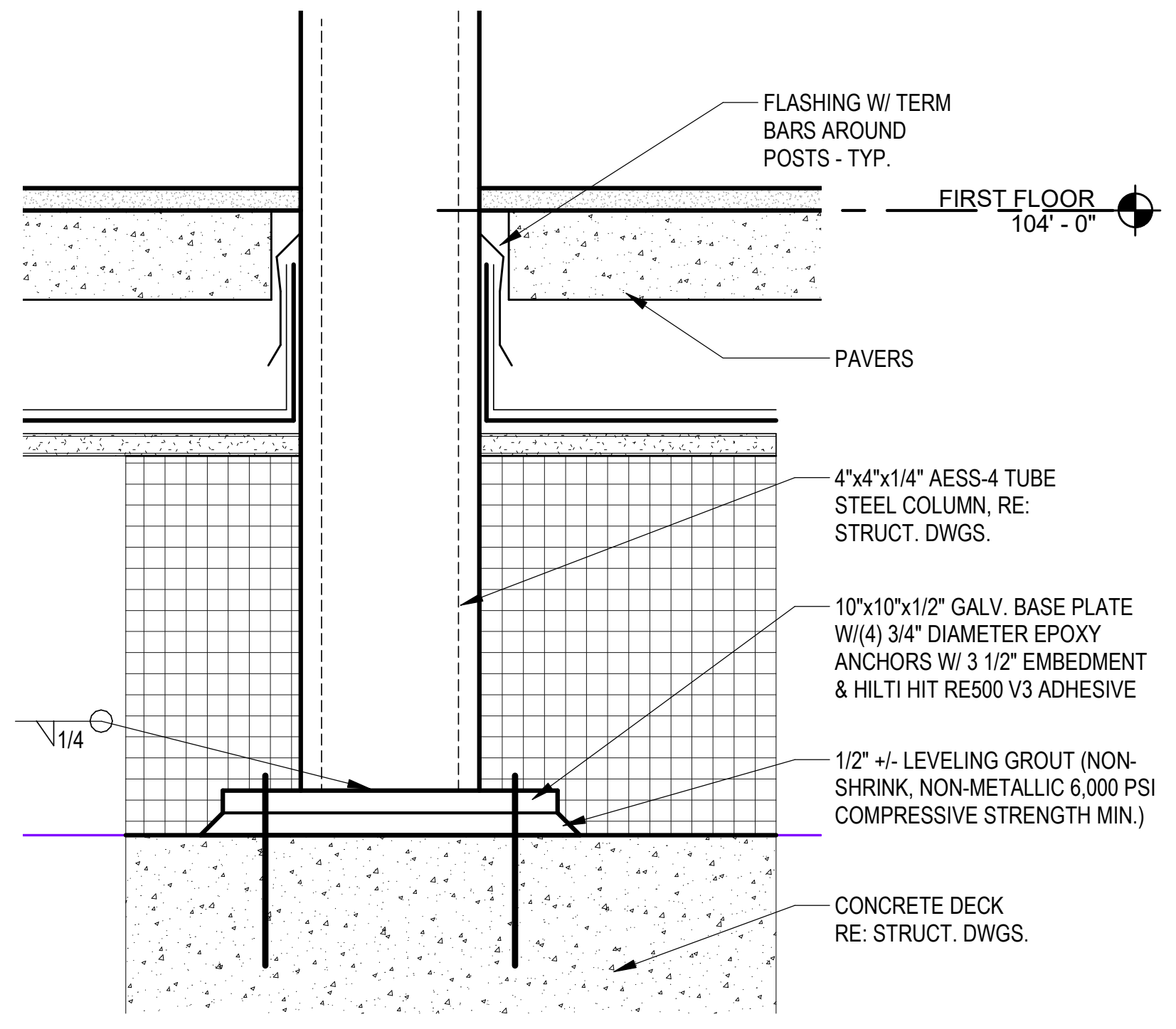
A405

ENLARGED COURTYARD PLANS


3/16 2@12
10"x4"x3/16" AESS-4 TUBE STEEL W/ 1/4" THICK CAP PLATE, ARCHITECTURAL STRUCTURAL STEEL PREPAIRED, ERRECTED, & FINISHED PER SPECS.
2 10 D TOENAILS EACH END OF BLOCKING TO RAFTERS
3/16 2@12
SIMPSON STRONGTIE TBG 14605 @ EACH RAFTER & (2) PER IPE BLOCKING
4"x4"1/4" AESS-4 TUBE STEEL COLUMN BEYOND
2x6 IPE RAFTERS AT 9" O.C.
2x6 IPE BLOCKING BETWEEN EACH RAFTER
10
6"x2 1/4"x3/8" AESS-4 BENT PLATE WELDED TO BEAM
PROVIDE 3/8" WEEP HOLE AT 12" O.C. TYP.
10"X4" AESS-4 TUBE STEEL BEYOND, ARCHITECTURAL STRUCTURAL STEEL PREPAIRED, ERRECTED, & FINISHED PER SPECS.

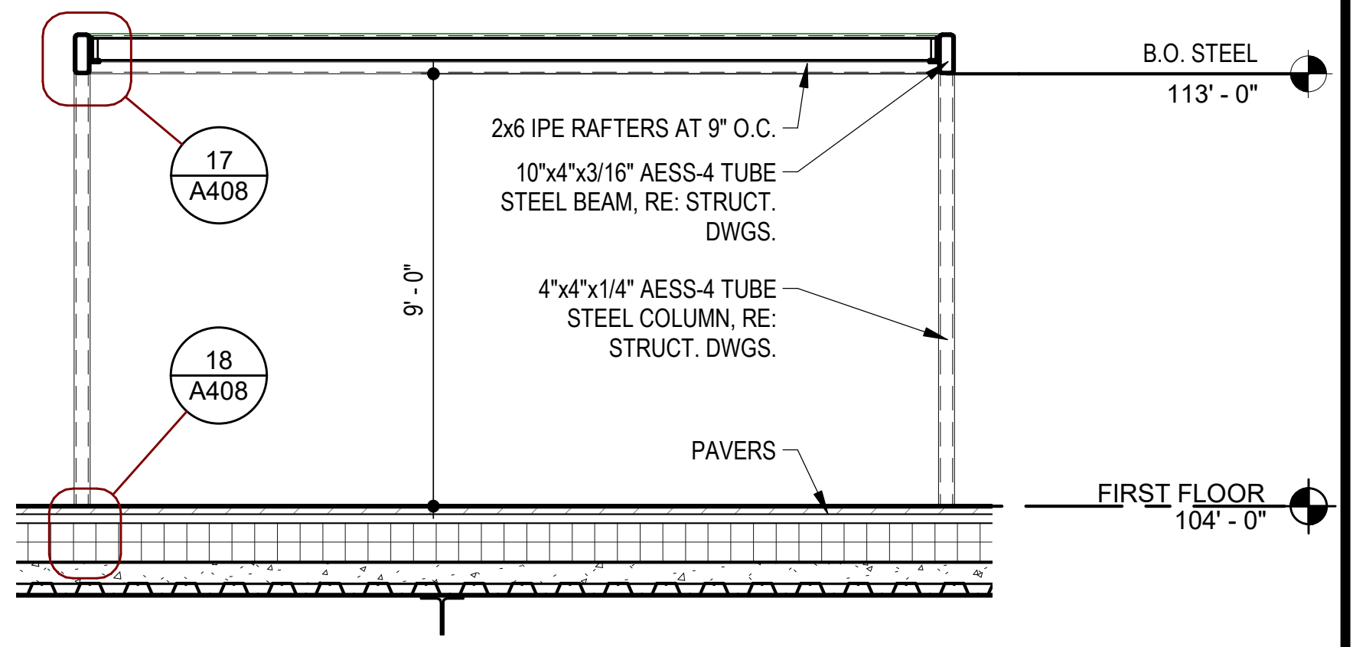
17 PERGOLA BEAM DETAIL

SCALE: 3" = 1'-0"


FLASHING W/ TERM BARS AROUND POSTS - TYP.
FIRST FLOOR
104' - 0"
PAVERS
4"x4"x1/4" AESS-4 TUBE STEEL COLUMN, RE: STRUCT. DWGS.
10"x10"x1/2" GALV. BASE PLATE W/(4) 3/4" DIAMETER EPOXY ANCHORS W/ 3 1/2" EMBEDMENT & HILTI HIT RE500 V3 ADHESIVE
1/4
1/2" +/- LEVELING GROUT (NON-SHRINK, NON-METALLIC 6,000 PSI COMPRESSIVE STRENGTH MIN.)
CONCRETE DECK RE: STRUCT. DWGS.

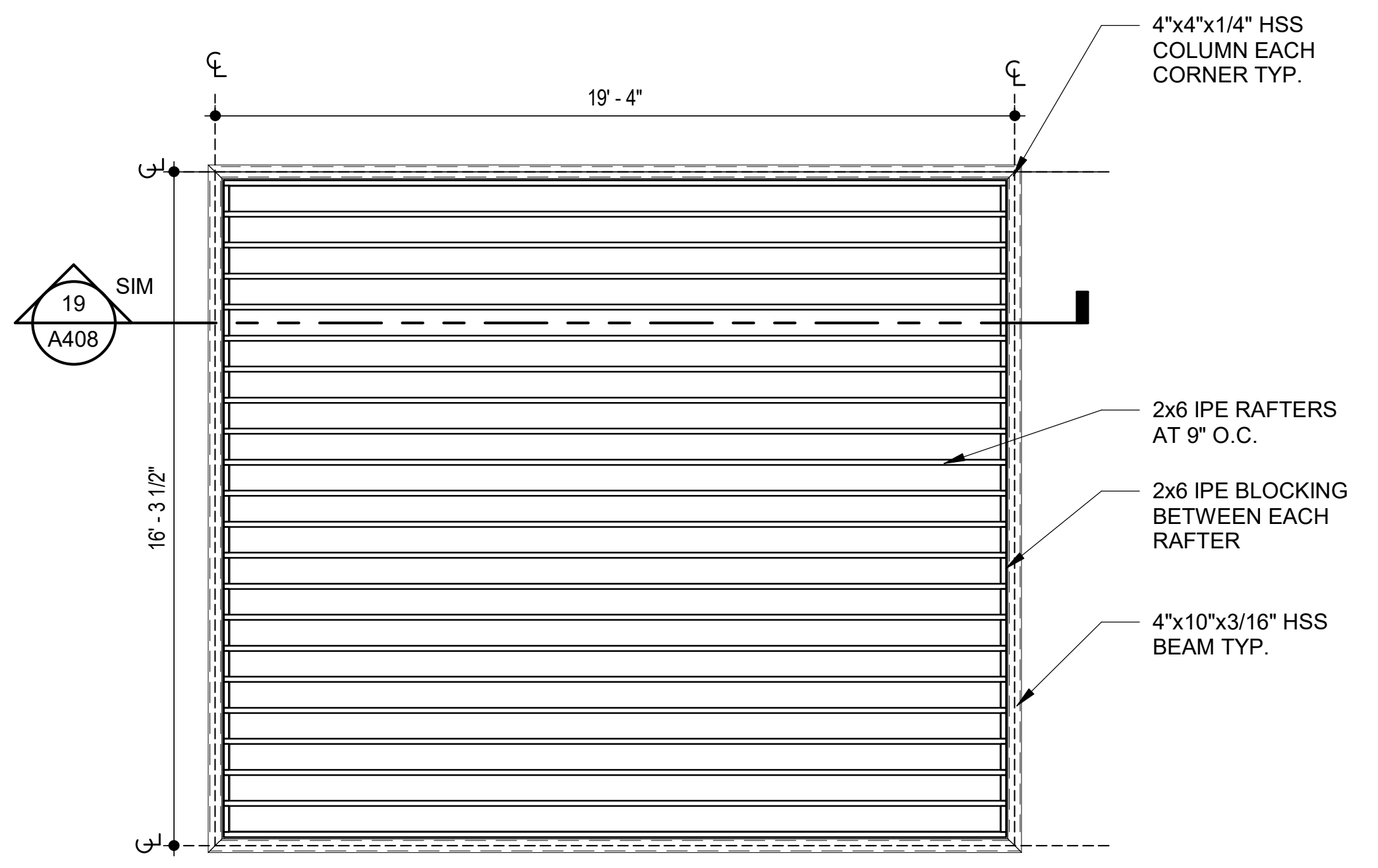
18 PERGOLA COLUMN BASE DETAIL

SCALE: 3" = 1'-0"


B.O. STEEL
113' - 0"
17
A408
18
A408
9' - 0"
2x6 IPE RAFTERS AT 9" O.C.
10"x4"x3/16" AESS-4 TUBE STEEL BEAM, RE: STRUCT. DWGS.
4"x4"x1/4" AESS-4 TUBE STEEL COLUMN, RE: STRUCT. DWGS.
PAVERS
FIRST FLOOR
104' - 0"

19 PERGOLA SECTION

SCALE: 1/4" = 1'-0"

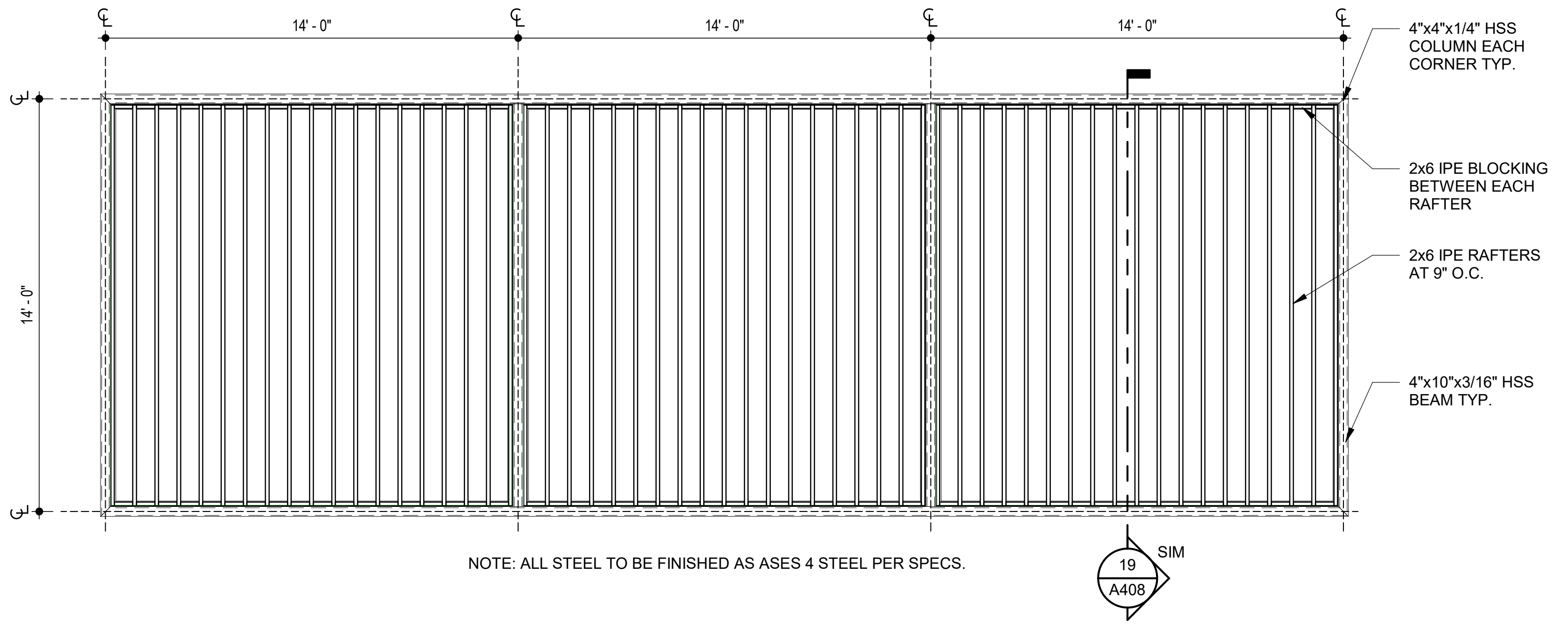

19' - 4"
SIM
19
A408
16' - 3 1/2"
4"x4"x1/4" HSS COLUMN EACH CORNER TYP.
2x6 IPE RAFTERS AT 9" O.C.
2x6 IPE BLOCKING BETWEEN EACH RAFTER
4"x10"x3/16" HSS BEAM TYP.

NOTE: ALL STEEL TO BE FINISHED AS ASES 4 STEEL PER SPECS.

4 CENTER COURTYARD PERGOLA PLAN

8

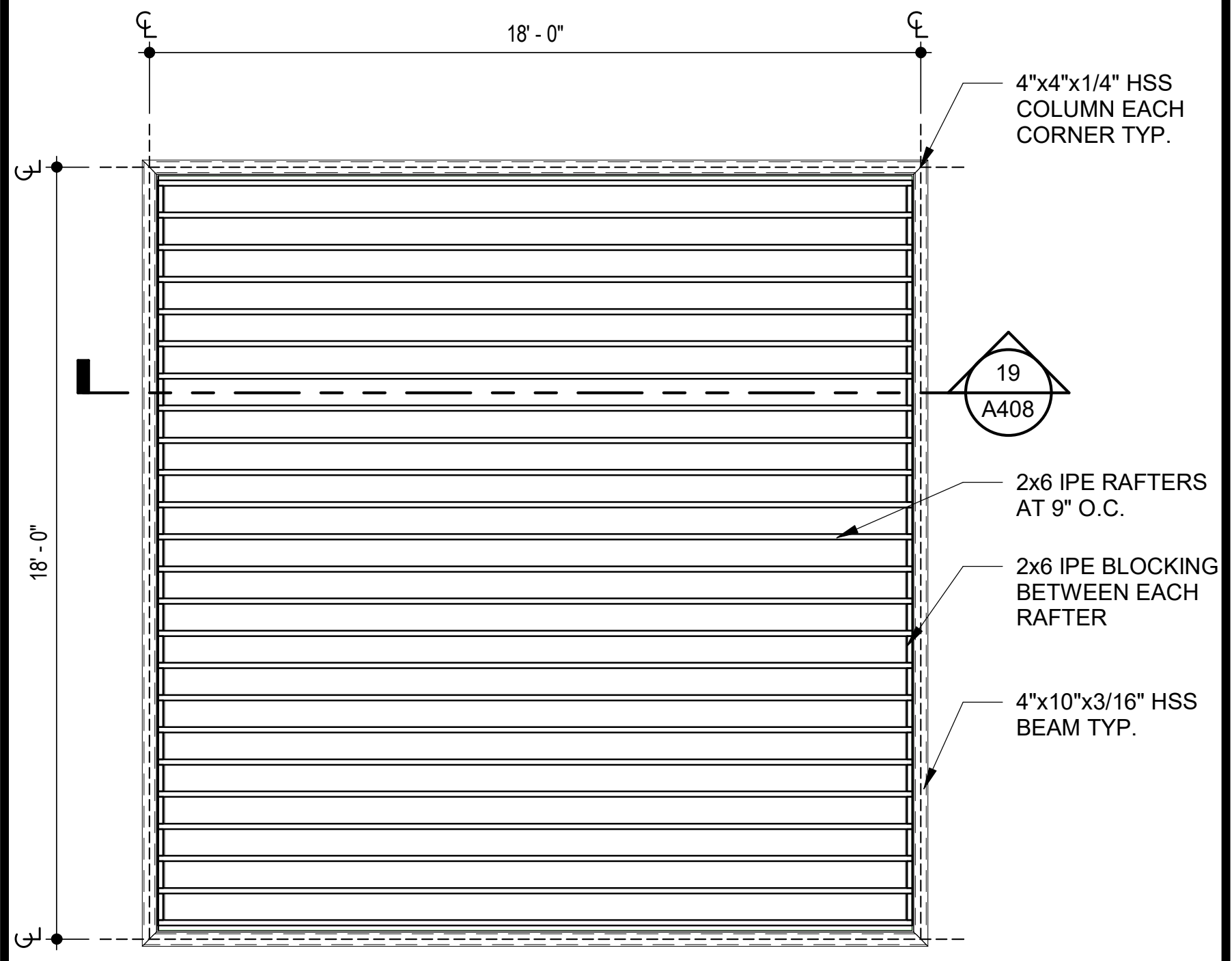
SCALE: 1/4" = 1'-0"


14' - 0"
14' - 0"
14' - 0"
14' - 0"
4"x4"x1/4" HSS COLUMN EACH CORNER TYP.
2x6 IPE BLOCKING BETWEEN EACH RAFTER
2x6 IPE RAFTERS AT 9" O.C.
4"x10"x3/16" HSS BEAM TYP.
SIM
19
A408

NOTE: ALL STEEL TO BE FINISHED AS ASES 4 STEEL PER SPECS.

12 NORTH COURTYARD PERGOLA PLAN

SCALE: 1/4" = 1'-0"


18' - 0"
18' - 0"
4"x4"x1/4" HSS COLUMN EACH CORNER TYP.
19
A408
2x6 IPE RAFTERS AT 9" O.C.
2x6 IPE BLOCKING BETWEEN EACH RAFTER
4"x10"x3/16" HSS BEAM TYP.

NOTE: ALL STEEL TO BE FINISHED AS ASES 4 STEEL PER SPECS.

20 SOUTH COURTYARD PERGOLA PLAN

SCALE: 1/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
NUMBER A-2001010143

7.2.20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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10	REVISION 5	7.2.2020

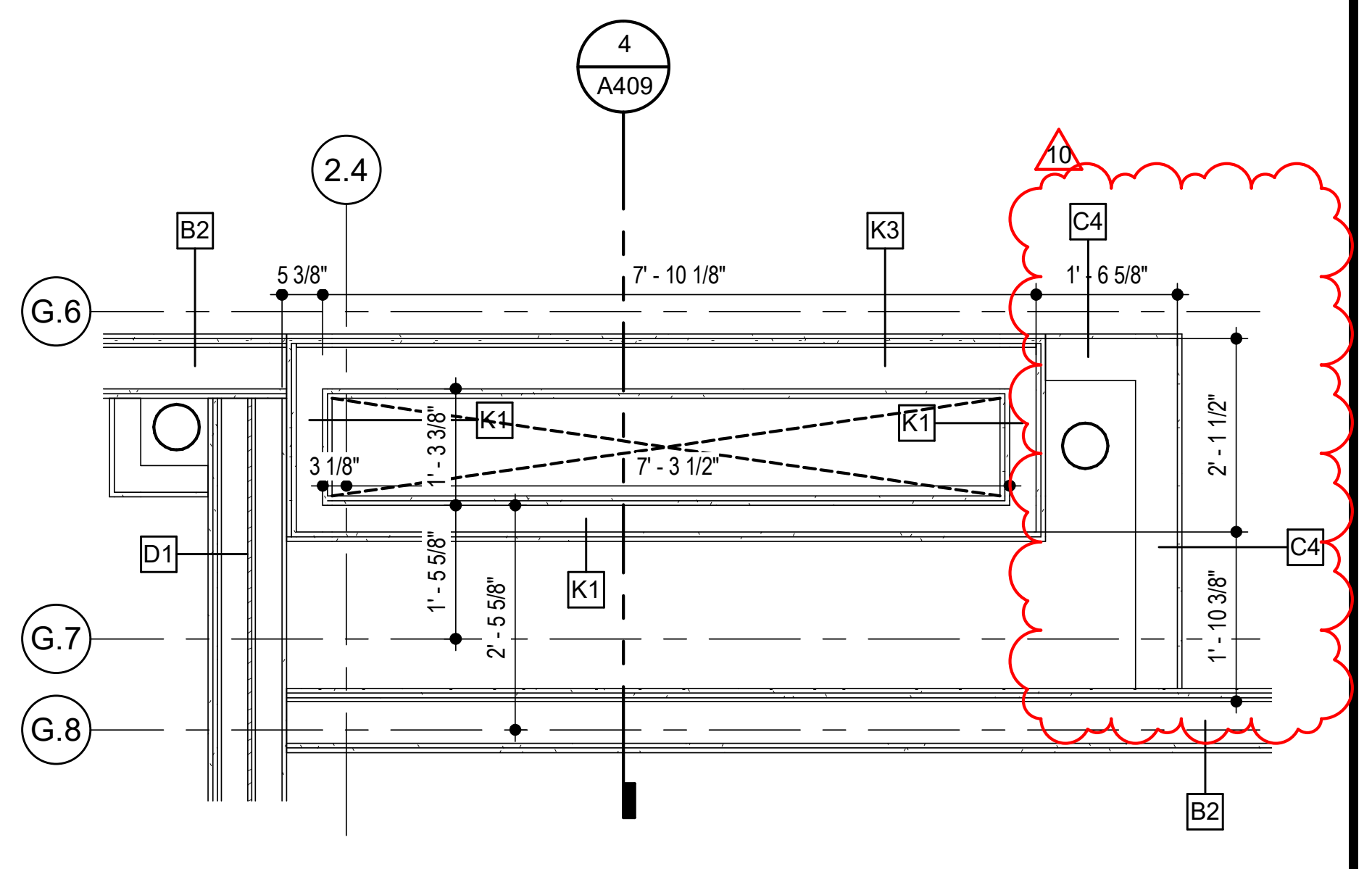
DWG BY KW

TR,i PROJECT NO. 18-046

SHEET NO.

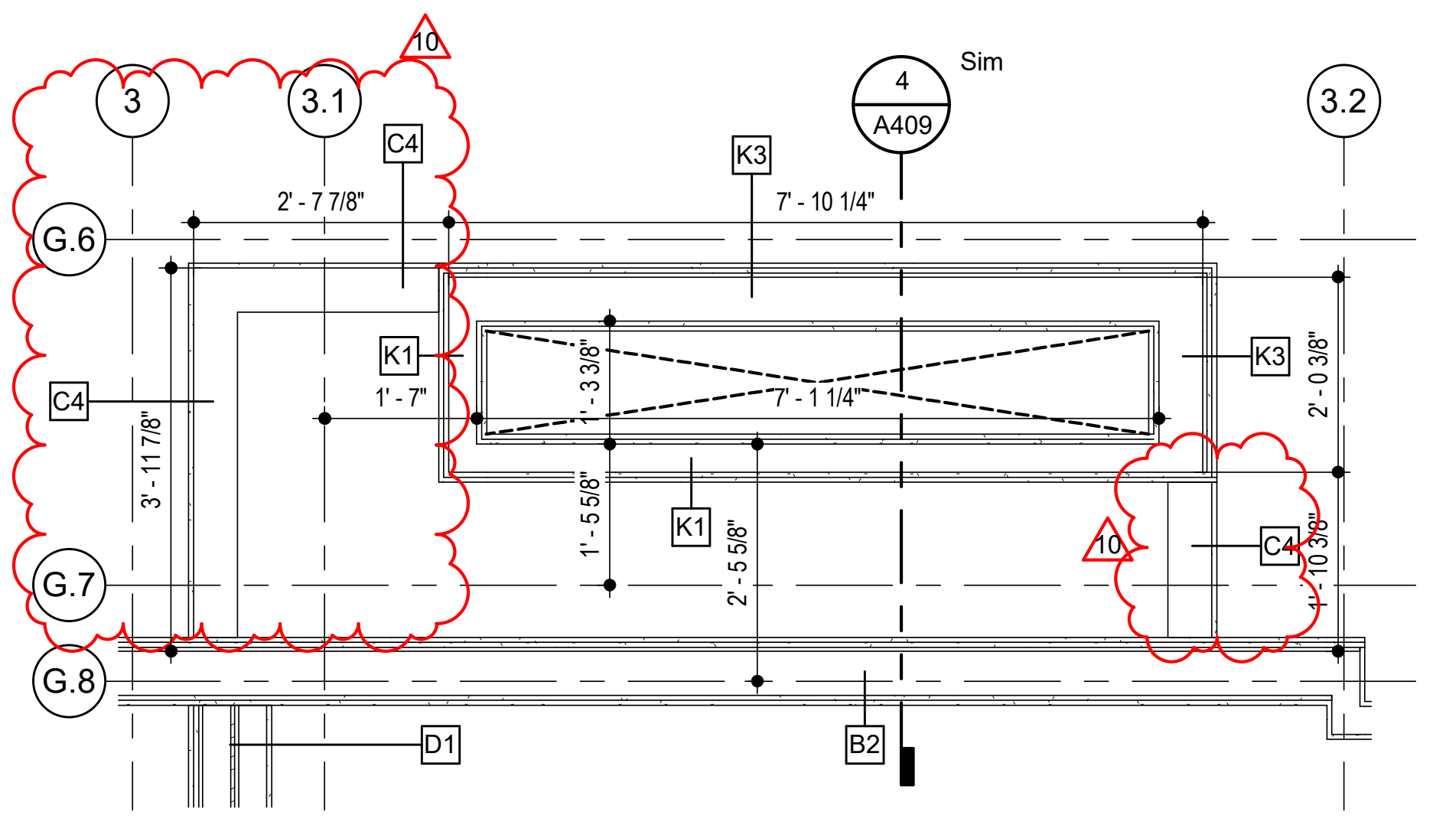
A408

PERGOLA PLANS



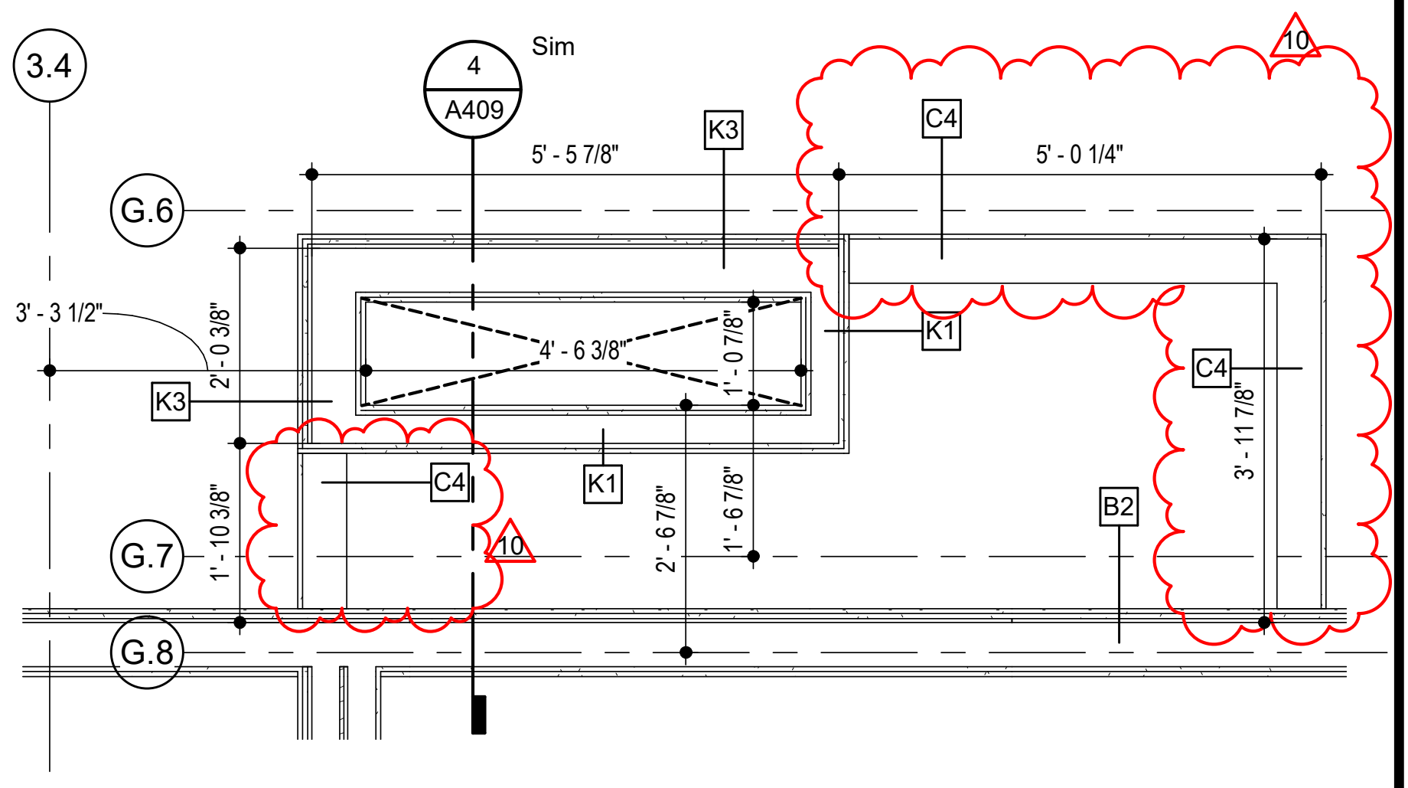
1 MECHANICAL SHAFT 1

SCALE: 1/2" = 1'-0"



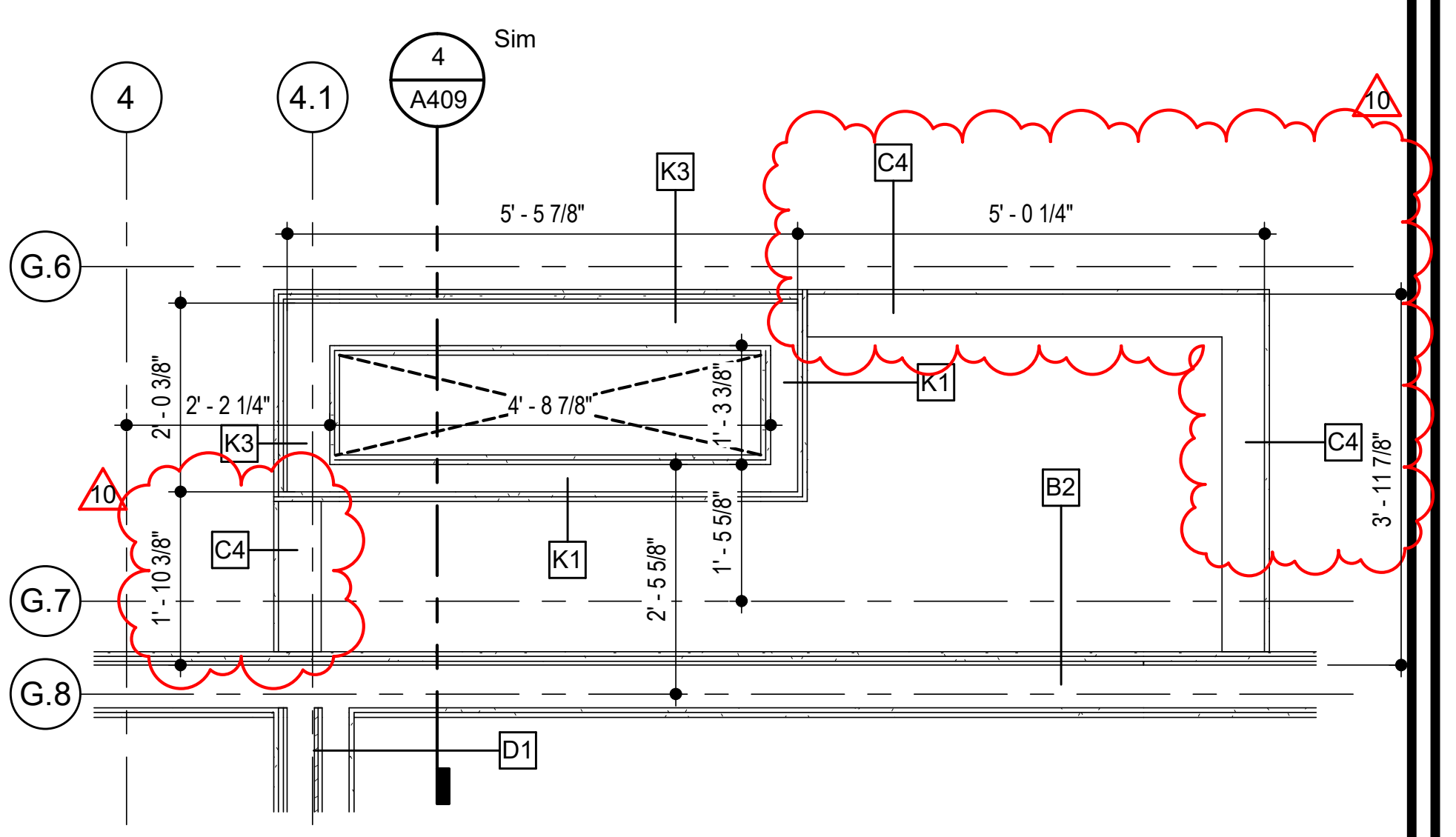
5 MECHANICAL SHAFT 2

SCALE: 1/2" = 1'-0"



9 MECHANICAL SHAFT 3

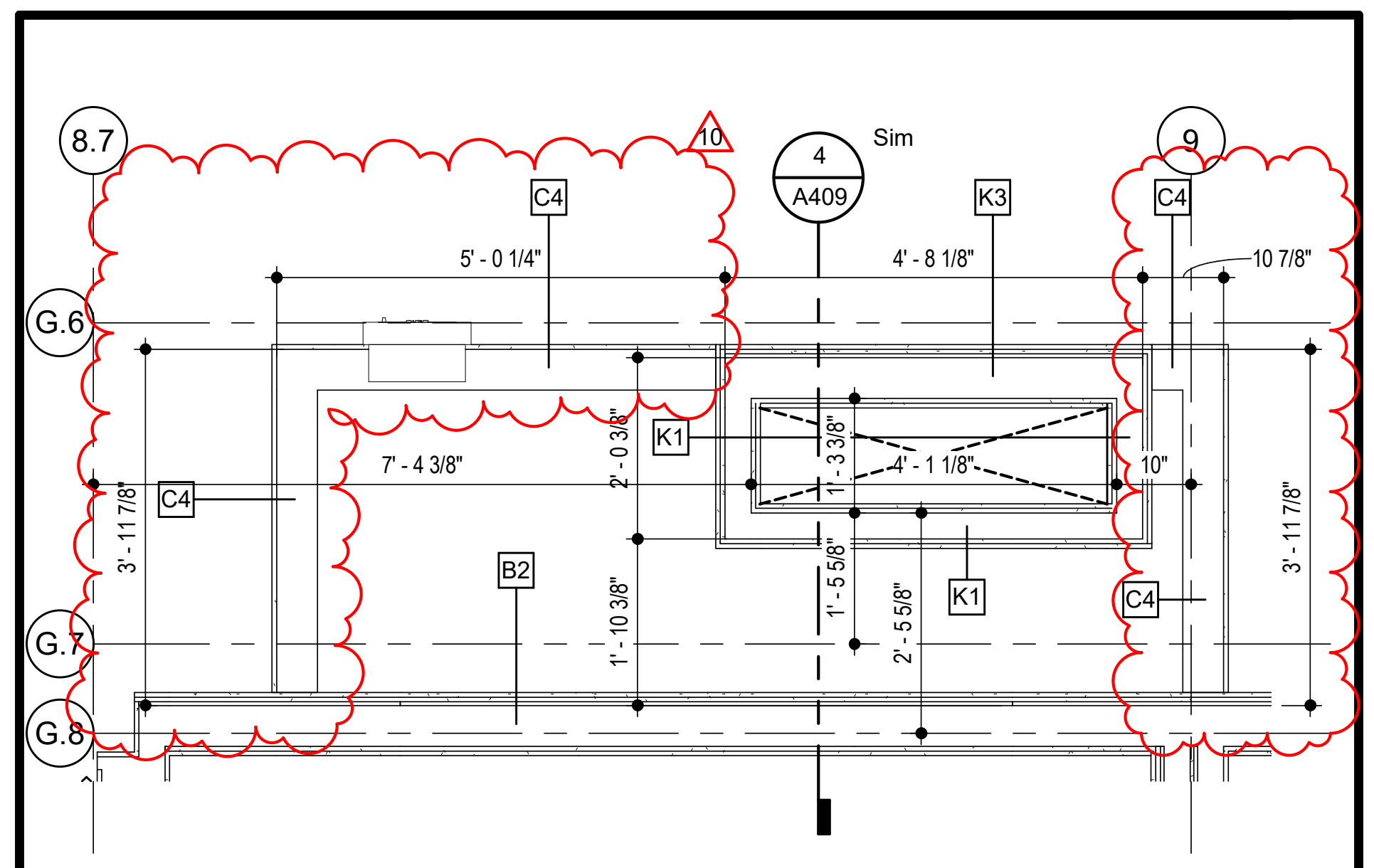
SCALE: 1/2" = 1'-0"



13 MECHANICAL SHAFT 4

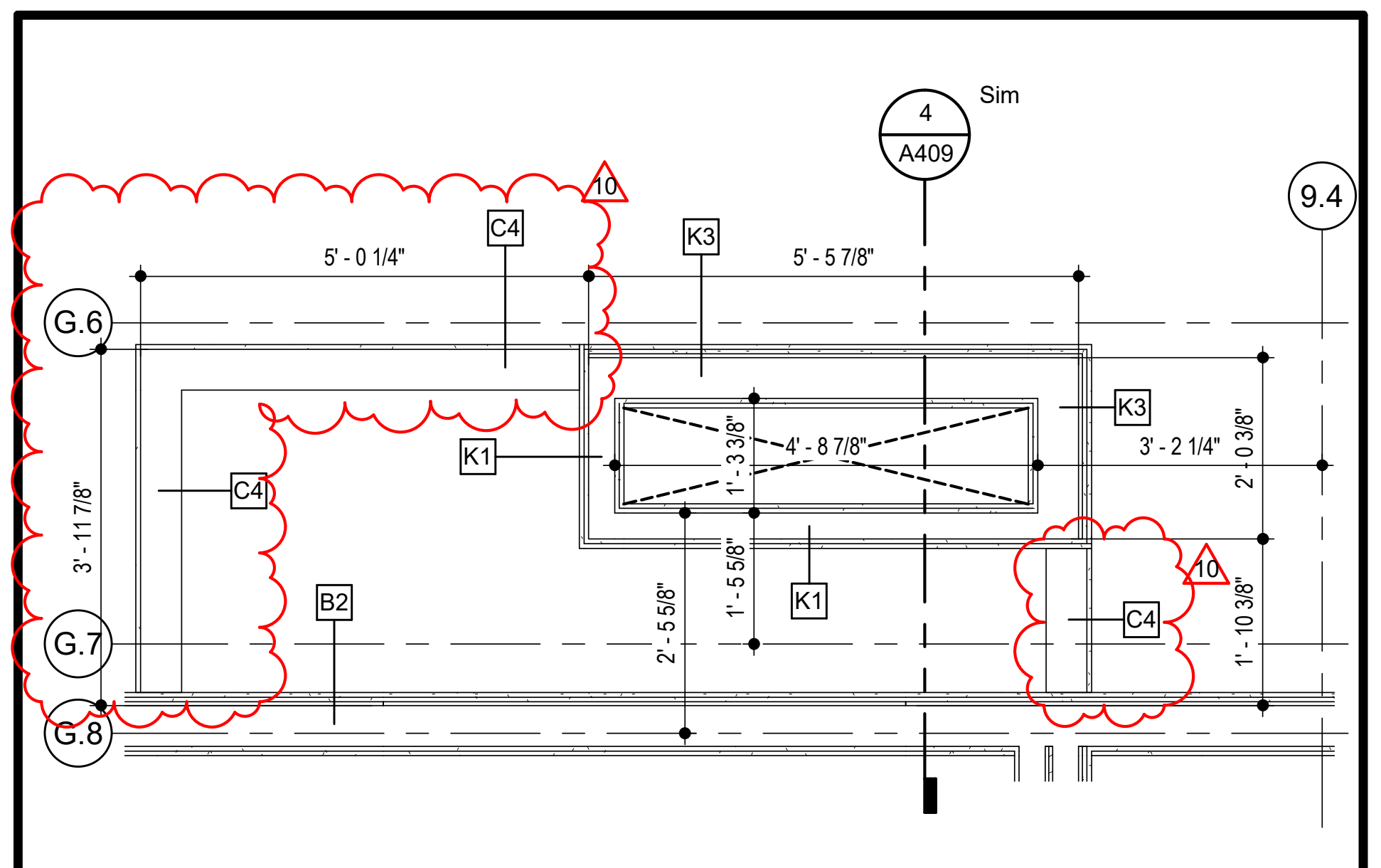
SCALE: 1/2" = 1'-0"

ALL DIMENSIONS ON MECHANICAL SHAFT PLANS ARE TO STUD AND GRIDLINES UNLESS NOTED OTHERWISE



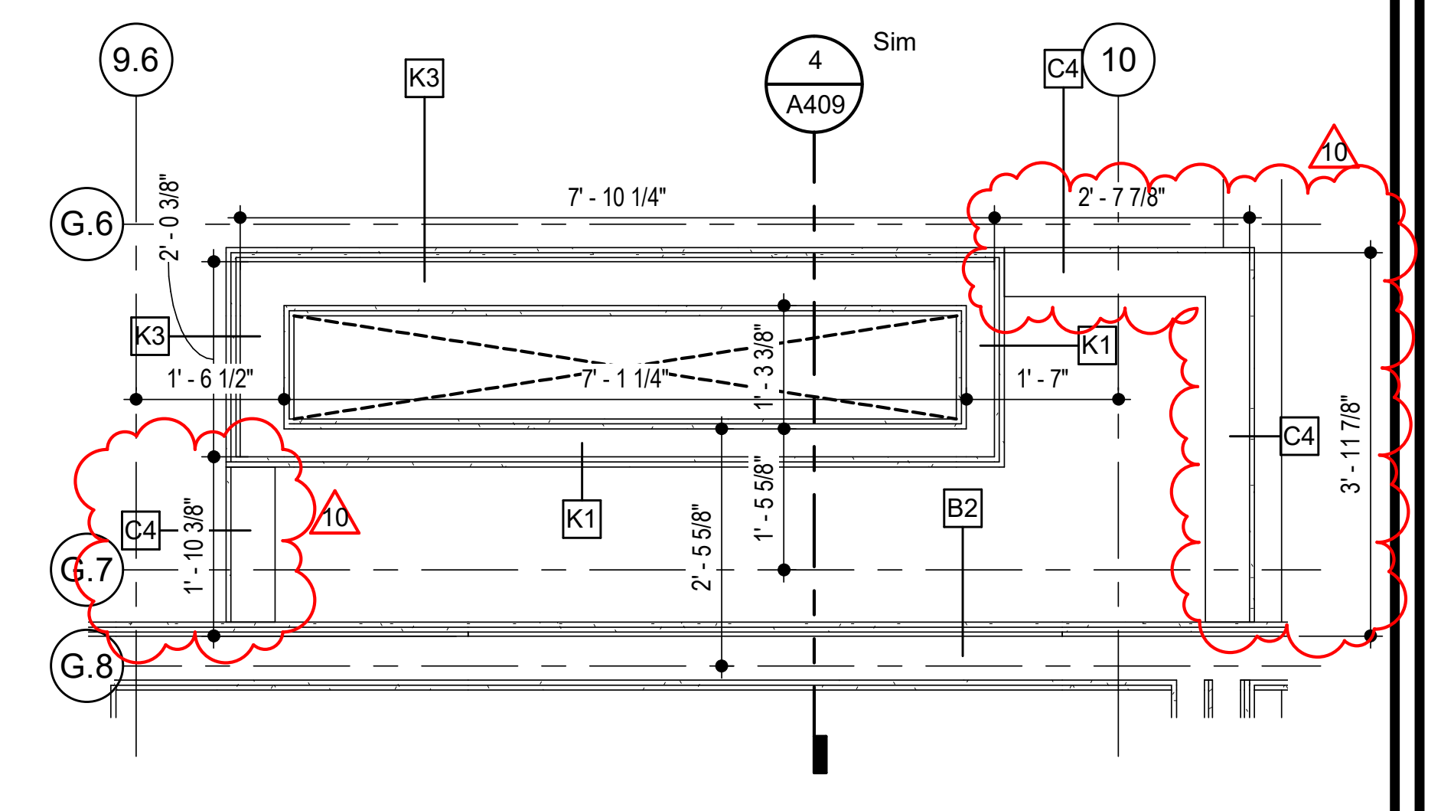
2 MECHANICAL SHAFT 5

SCALE: 1/2" = 1'-0"



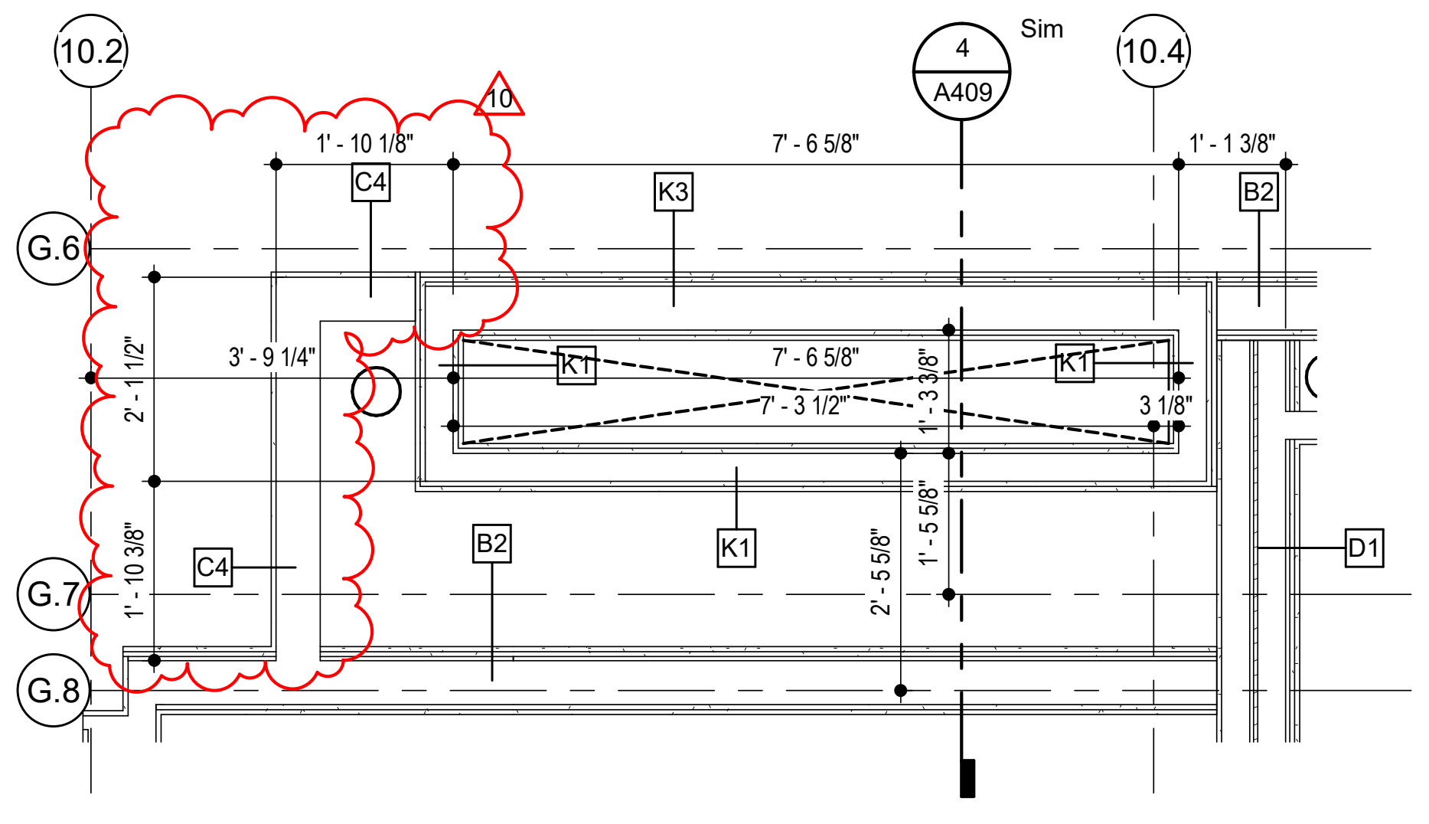
6 MECHANICAL SHAFT 6

SCALE: 1/2" = 1'-0"



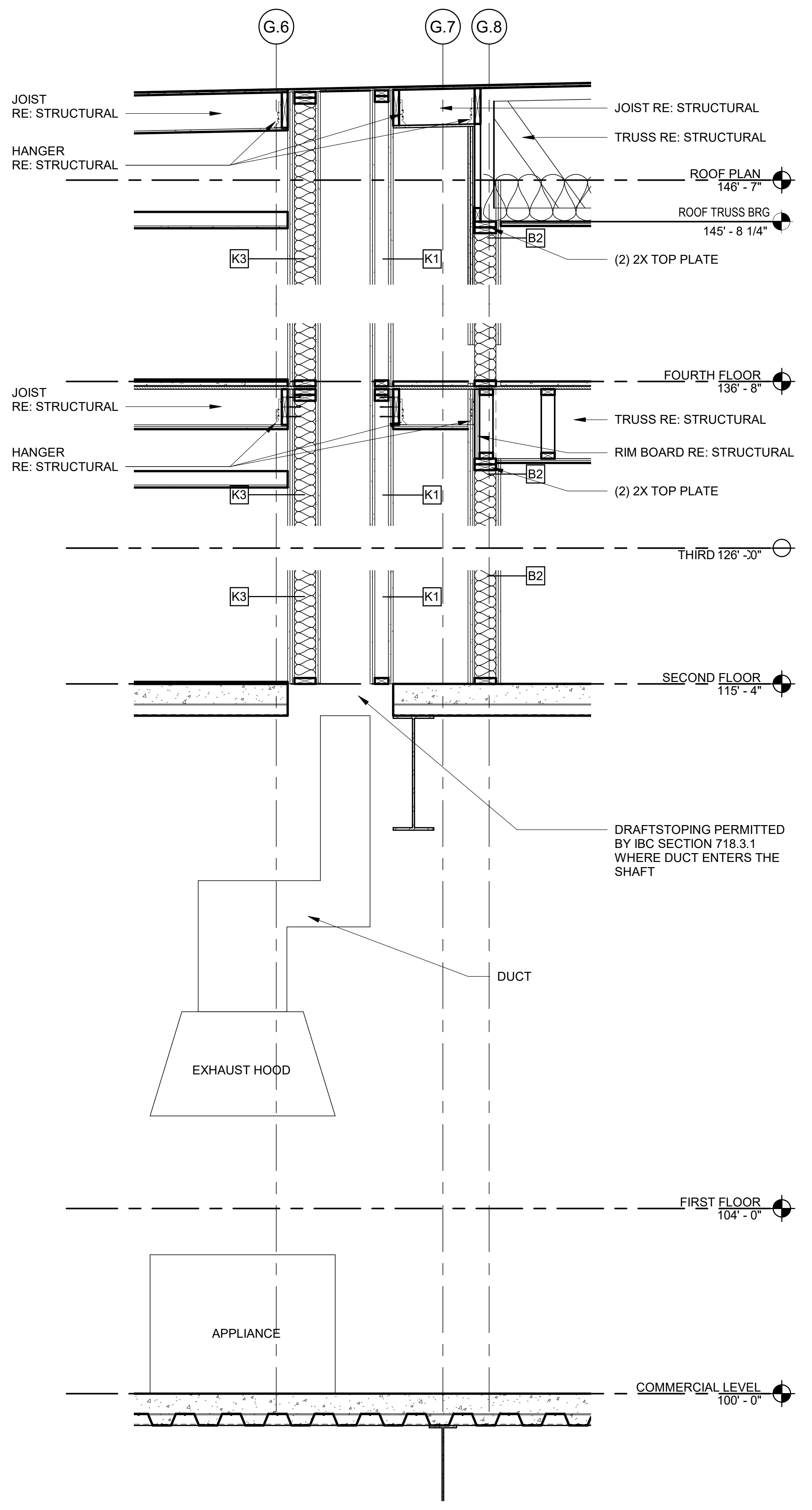
10 MECHANICAL SHAFT 7

SCALE: 1/2" = 1'-0"



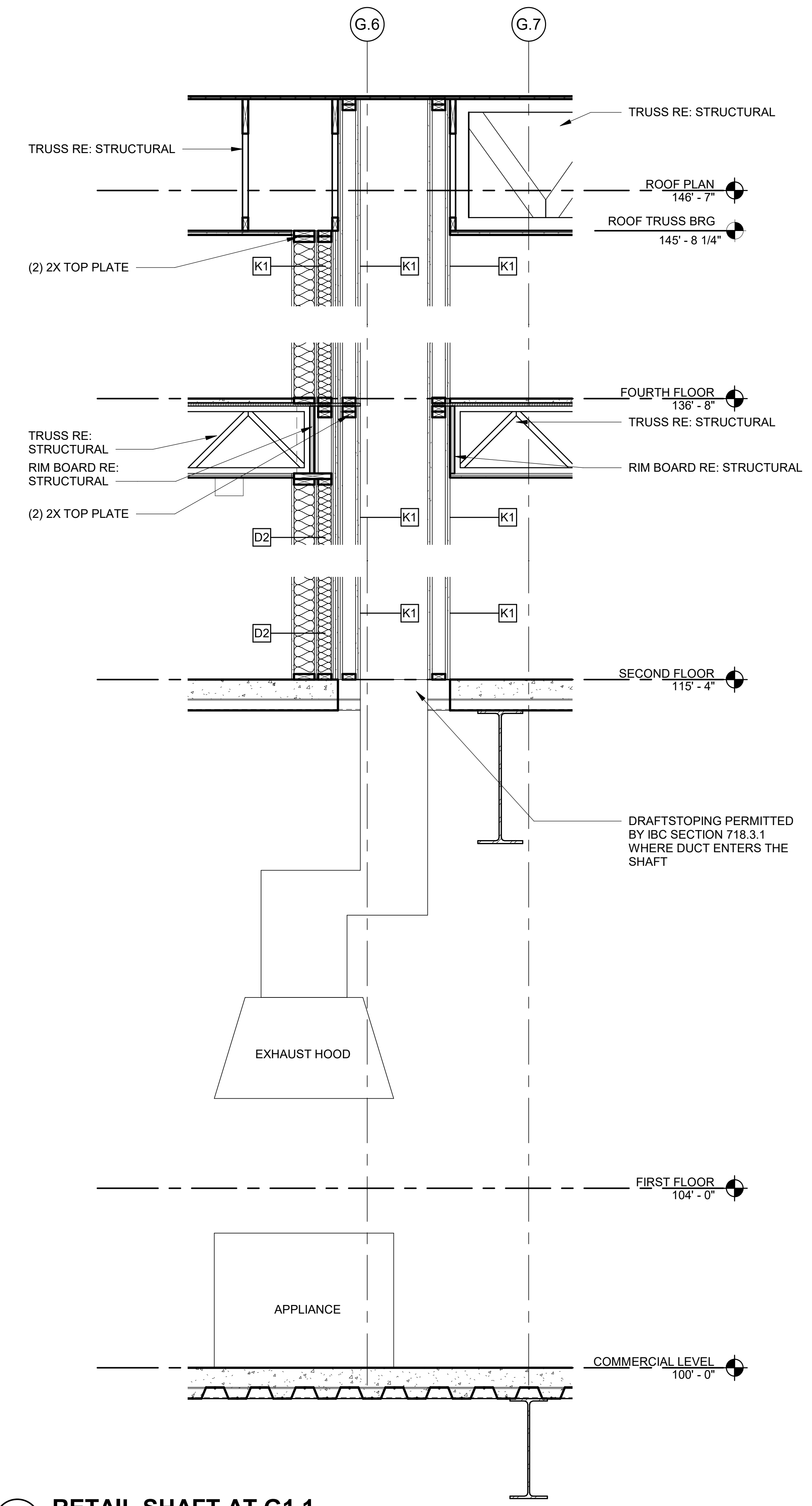
14 MECHANICAL SHAFT 8

SCALE: 1/2" = 1'-0"



4 TYPICAL RETAIL SHAFT

SCALE: 1/2" = 1'-0"



8 RETAIL SHAFT AT G1.1

SCALE: 1/2" = 1'-0"

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LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
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7.2.20

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10	REVISION 5	7.2.2020

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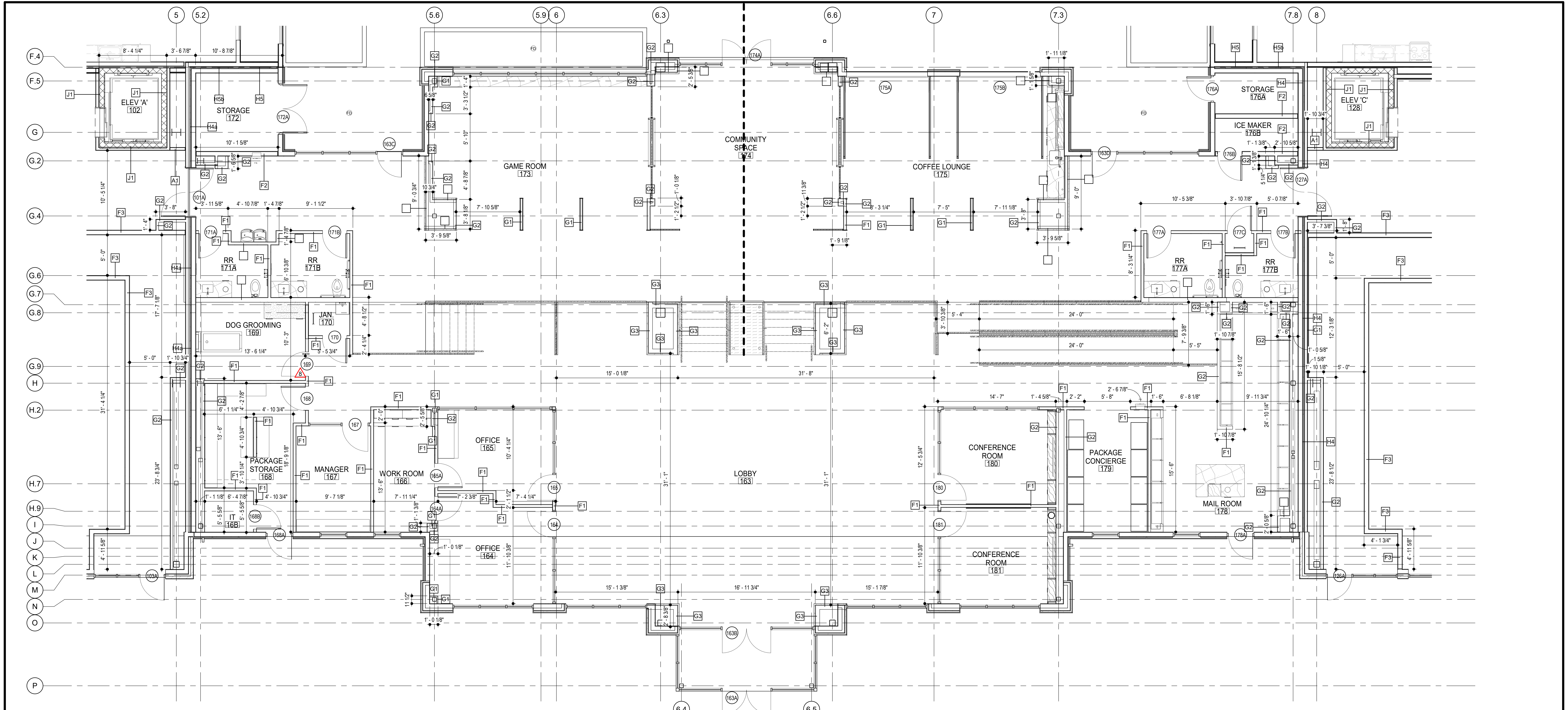
SHEET NO.

6

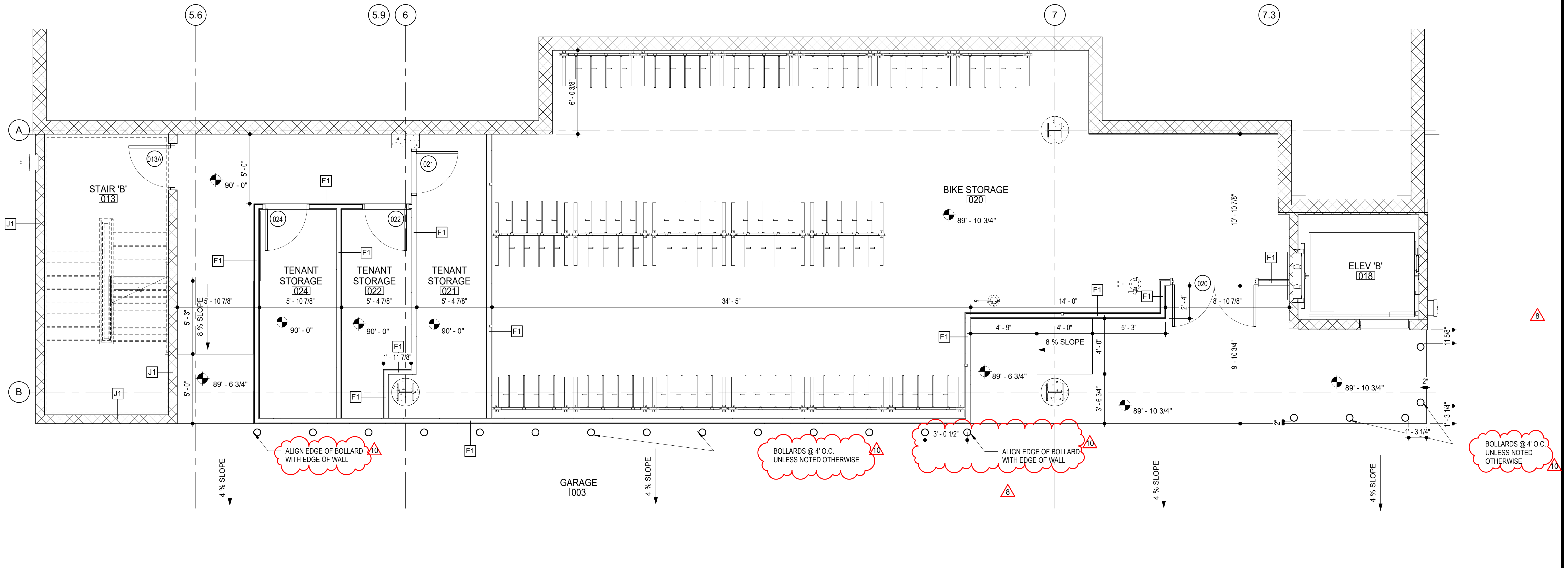
A409

MECHANICAL SHAFTS



2 ENLARGED LOBBY PLAN

SCALE: 3/16" = 1'-0"


STAIR 'B' 013
TENANT STORAGE 024
TENANT STORAGE 022
TENANT STORAGE 021
BIKE STORAGE 020
ELEV 'B' 018
GARAGE 003
8 % SLOPE
4 % SLOPE
ALIGN EDGE OF BOLLARD WITH EDGE OF WALL
BOLLARDS @ 4' O.C. UNLESS NOTED OTHERWISE
ALIGN EDGE OF BOLLARD WITH EDGE OF WALL
BOLLARDS @ 4' O.C. UNLESS NOTED OTHERWISE

4 GARAGE PLAN - BIKE STORAGE

SCALE: 1/4" = 1'-0"

GENERAL NOTES

A. EXTERIOR DIMENSIONS ARE TO FACE OF STUD OR FACE OF MASONRY. INTERIOR DIMENSIONS ARE TO FINISH FACE OF THE GYP OR SHEATHING OF THE WALL AND DOES NOT INCLUDE THE STONE VENEER.

B. FOR DOOR SCHEDULE SEE SHEET A013 XXX

C. FOR WINDOW SCHEDULE SEE SHEET A014 X

D. FOR PARTITION TYPES SEE SHEET A011 X

E. FOR UNIT INTERIOR PARTITION TYPES AND LOCATIONS REFER TO UNIT SHEETS (A50 THROUGH A164).

F. A MINIMUM RATED 1A:10B:C FIRE EXTINGUISHER TO BE PROVIDED IN EACH UNIT. FIRE EXTINGUISHERS ARE TO BE LOCATED EVERY 75'-0" IN CORRIDORS (MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER).

G. CONTROL JOINTS SHOULD BE SPACED IN GYPSUM WALL BOARD TO LIMIT EXPANSES TO 30-'0" MAXIMUM. CONTROL JOINTS ARE RECOMMENDED AT DOOR JAMBS EXTENDING FROM DOOR HEAD TO CEILING. CEILING GYPSUM BOARD CONTROL JOINTS SHOULD LIMIT THE CEILING AREA TO 2,500 SF MAX. AND 50'-0" IN EITHER DIRECTION. CONTROL JOINT SHOULD BE INSTALLED WHERE THERE IS A CHANGE IN DIRECTION IN CEILING FRAMING/FURRING OR SPACE CONTROL JOINTS AT THE CEILING AND WALL PER THE MANUFACTURER'S RECOMMENDED INSTALLATION GUIDELINES. CEILING AND WALL CONTROL JOINTS ARE TO ALIGN AT ALL INTERSECTIONS WHERE APPLICABLE TO FORM A CONTINUOUS CONTROL JOINT. ENSURE THAT CONTROL JOINTS ARE LOCATED AT STRUCTURAL CONSTRUCTION JOINTS AND AT THE TOP AND BOTTOM OF ALL INTERIOR RAMPS.

H. UNLESS NOTED OTHERWISE, CORRIDOR PARTITION TYPE IN RESIDENTIAL AREA TO BE B2 UNIT ENTRY RECESS PARTITION TYPE TO BE A2, AND PARTITION TYPE BEHIND REFRIGERATOR TO BE B1.

I. COORDINATE LOCATION OF BEARING WALLS INSIDE DWELLING UNITS WITH UNIT PLANS.

J. REFER TO LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION ON FIRE RATED PARTITION LOCATIONS.

K. NO PENETRATIONS WITHIN 4' OF FIRE WALLS. VERIFY IN FIELD.

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8	REVISION 3	4.3.2020
10	REVISION 5	7.2.2020

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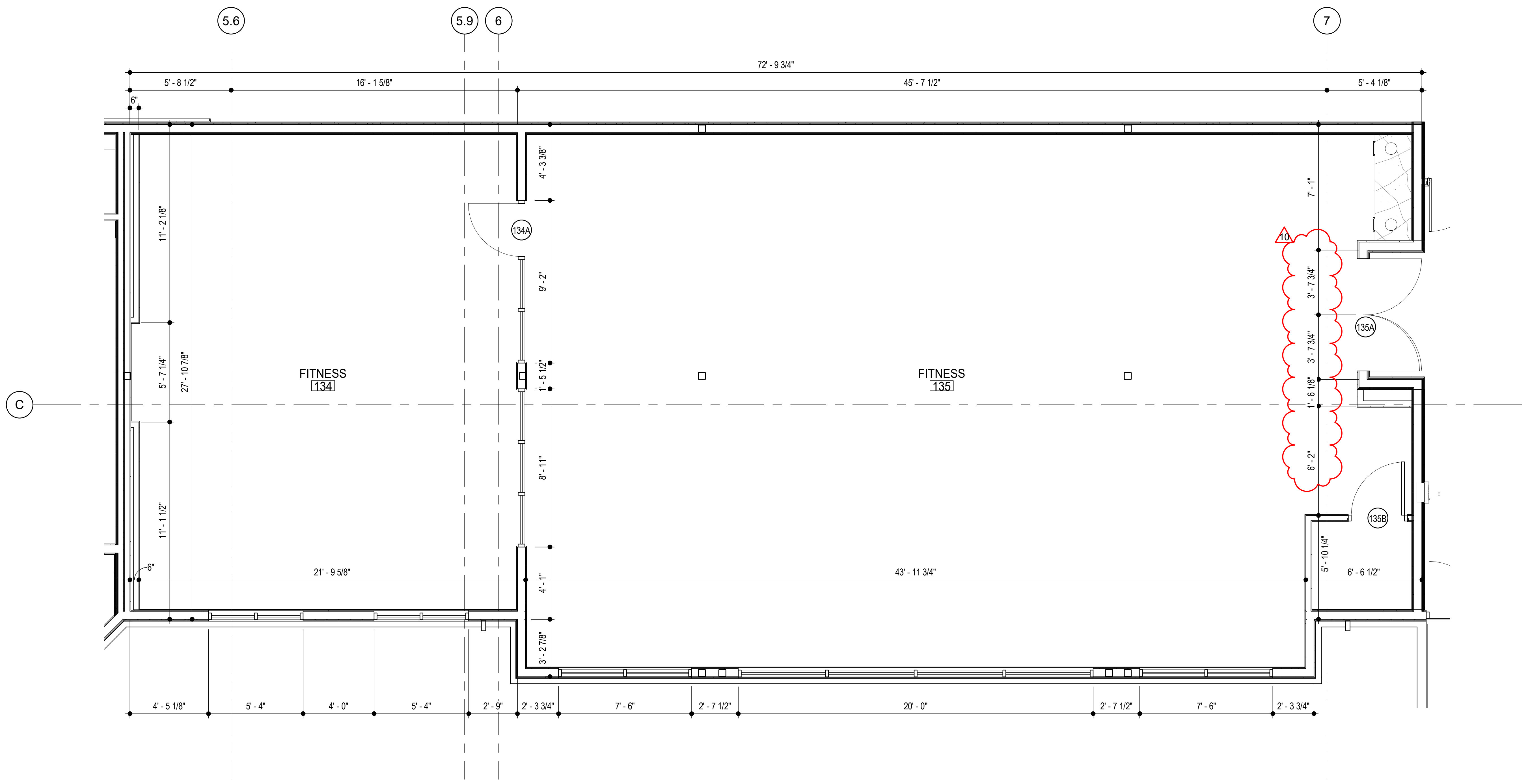
TR,i PROJECT NO. 18-046

SHEET NO. 7

A410

ENLARGED AMENITY SPACES



2 FITNESS/YOGA ENLARGED PLAN

SCALE: 1/4" = 1'-0"

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LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD A. OBERTINO, JR.
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SHEET NO.

A411 8

ENLARGED AMENITY SPACES

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

CLARK ANDREW BASINGER
NUMBER PE-2010026832
7-2-2020

CLIENT	CLIENT NAME
ARCHITECT	TR,i Architects
STRUCTURAL ENGINEER	STRUCTURAL
CIVIL ENGINEER	CIVIL
MECHANICAL ENGINEER	ENGINEER
PLUMBING ENGINEER	PLUMBING
ELECTRICAL ENGINEER	ELECTRICAL

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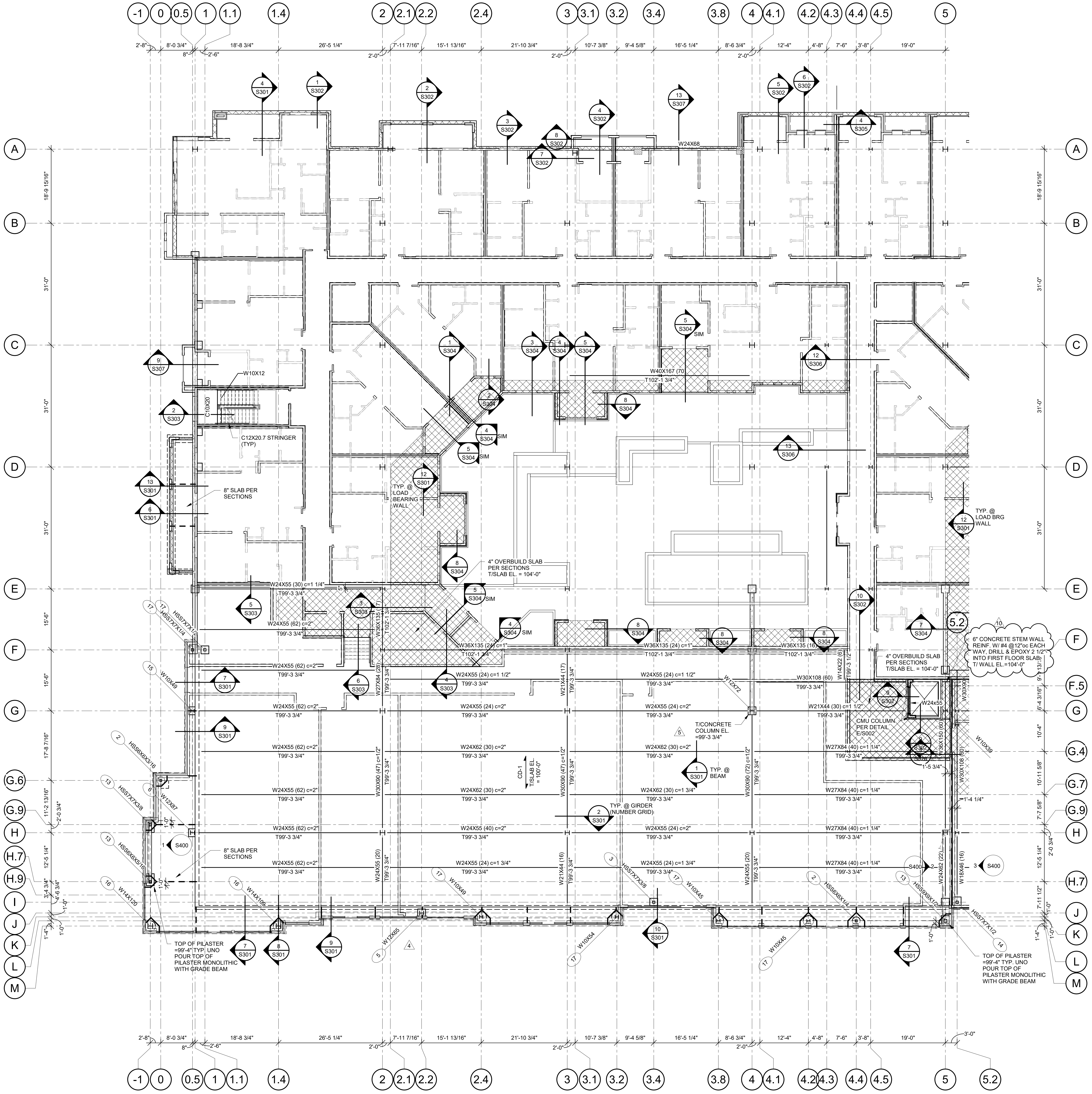
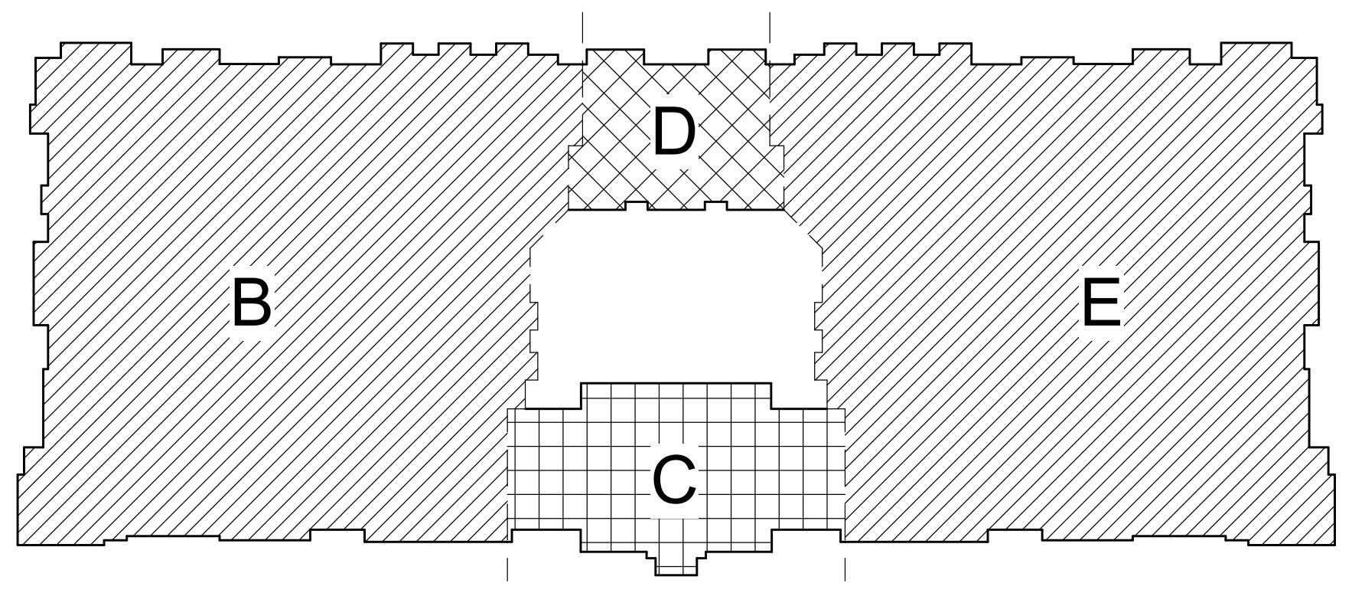

-1
0
0.5
1
1.1
1.4
2
2.1
2.2
2.4
3
3.1
3.2
3.4
3.8
4
4.1
4.2
4.3
4.4
4.5
5
5.2
A
B
C
D
E
F
F.5
G
G.4
G.6
G.7
G.9
H
H.7
H.9
I
J
K
L
M
W24X68
W10X12
C10X20
C12X20.7 STRINGER (TYP)
8" SLAB PER SECTIONS
TYP. @ LOAD BEARING WALL
4" OVERBUILD SLAB PER SECTIONS T/SLAB EL. = 104'-0"
W40X167 (70) T102'-1 3/4"
W36X135 (24) c=1" T102'-1 3/4"
W24X55 (30) c=1 1/4" T99'-3 3/4"
W24X55 (62) c=2" T99'-3 3/4"
W24X55 (24) c=1 1/2" T99'-3 3/4"
W24X55 (24) c=2" T99'-3 3/4"
W24X62 (30) c=2" T99'-3 3/4"
W24X62 (30) c=1 3/4" T99'-3 3/4"
W24X55 (40) c=2" T99'-3 3/4"
W24X55 (24) c=1 3/4" T99'-3 3/4"
W30X108 (60) T99'-3 3/4"
W21X44 (30) c=1 1/2" T99'-3 3/4"
W27X84 (40) c=1 1/4" T99'-3 3/4"
W30X90 (47) c=1/2" T99'-3 3/4"
W30X90 (72) c=1/2" T99'-3 3/4"
W21X44 (17)
W21X44 (16)
W24X55 (20)
W27X84 (28)
W30X135 (17)
W30X150 (60)
W18X46 (16)
W24X62 (22)
W12X72
W10X39
W10X49
W14X106
W14X120
W12X65
W10X54
W10X45
W12X87
HSS7X7X1/2
HSS7X7X1/4
HSS6X6X3/16
HSS7X7X3/8
HSS6X6X5/16
HSS6X6X1/4
CD-1 T/SLAB EL. = 100'-0"
T/CONCRETE COLUMN EL. =99'-3 3/4"
CMU COLUMN PER DETAIL E/S002
TYP. @ BEAM
TYP. @ GIRDER (NUMBER GRID)
TYP. @ LOAD BRG WALL
6" CONCRETE STEM WALL REINF. W/ #4 @12"oc EACH WAY, DRILL & EPOXY 2 1/2" INTO FIRST FLOOR SLAB; T/ WALL EL.=104'-0"
4" OVERBUILD SLAB PER SECTIONS T/SLAB EL. = 104'-0"
TOP OF PILASTER =99'-4" TYP. UNO POUR TOP OF PILASTER MONOLITHIC WITH GRADE BEAM
S301
S302
S303
S304
S305
S306
S307
S400
SIM
18'-9 15/16"
31'-0"
15'-6"
17'-8 7/16"
12'-5 1/4"
2'-8"
8'-0 3/4"
18'-8 3/4"
26'-5 1/4"
7'-11 7/16"
15'-1 13/16"
21'-10 3/4"
10'-7 3/8"
9'-4 5/8"
16'-5 1/4"
8'-6 3/4"
12'-4"
4'-8"
7'-6"
3'-8"
19'-0"

1 COMMERCIAL FLOOR FRAMING PLAN- AREA B
3/32" = 1'-0"



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4	STRUCTURAL REVISION	10.16.19
5	STRUCTURAL REVISION 2	11.7.19
10	REVISION 5	07.02.20

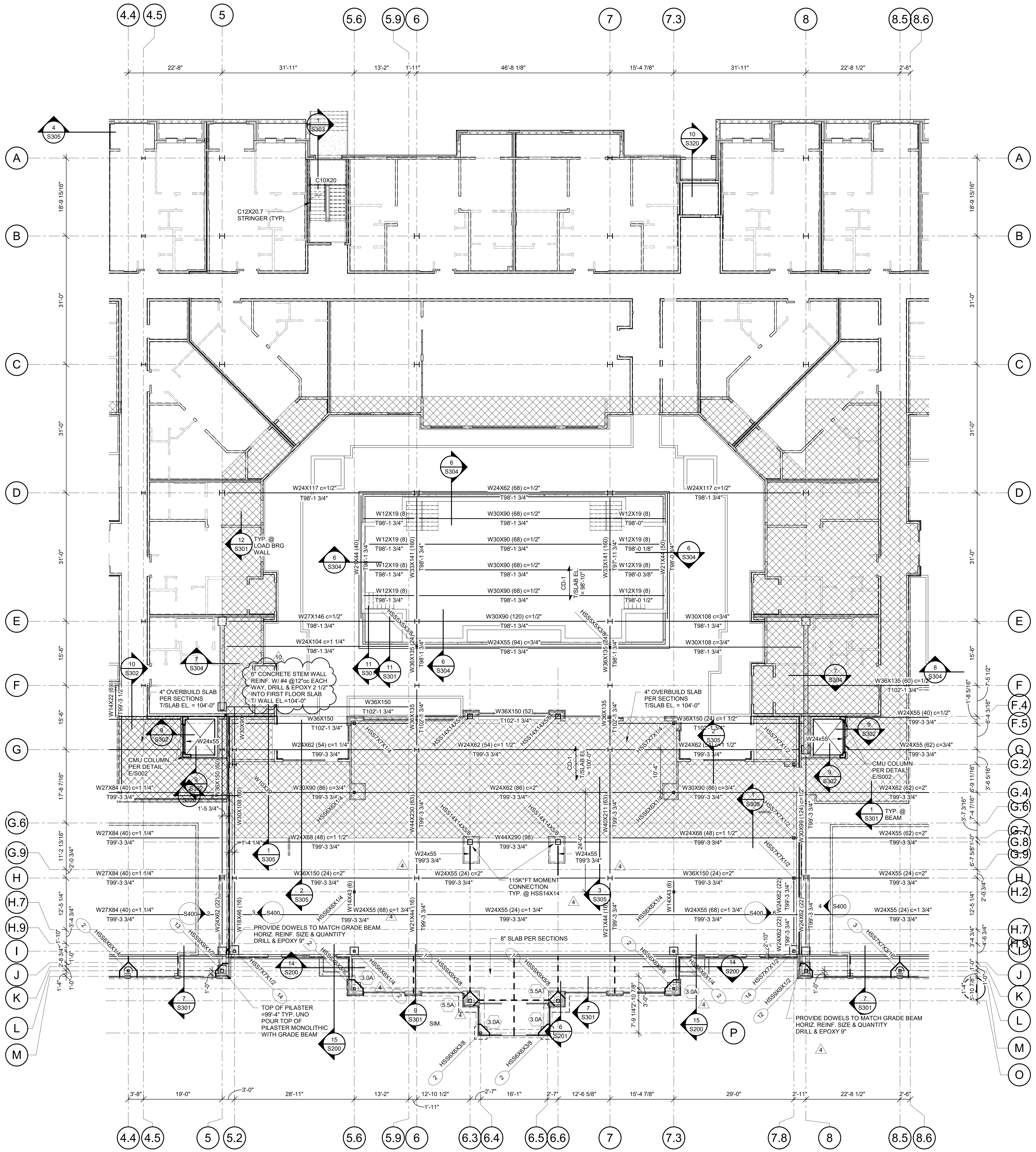
DWG BY Author

TR,i PROJECT NO. 18-046

SHEET NO.

S111B

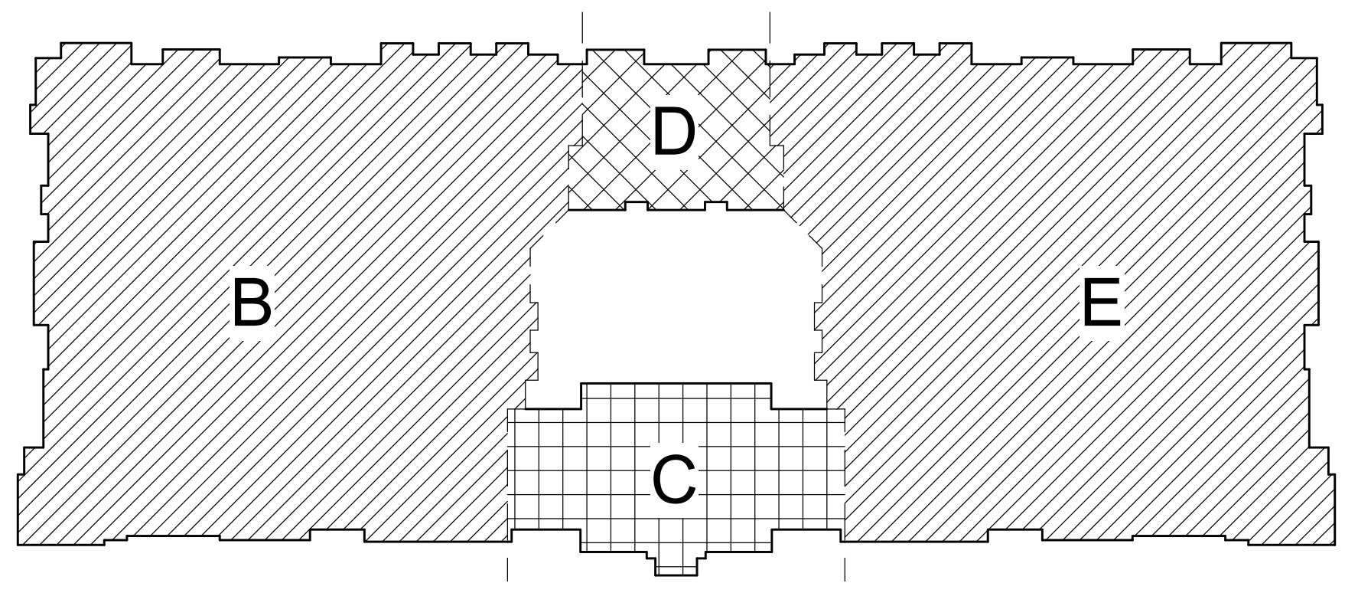
COMMERCIAL FLOOR FRAMING PLAN- AREA B



4.4
4.5
5
5.6
5.9
6
7
7.3
8
8.5
8.6
22'-8"
31'-11"
13'-2"
1'-11"
46'-8 1/8"
15'-4 7/8"
31'-11"
22'-8 1/2"
2'-6"
A
B
C
D
E
F
F.4
F.5
G
G.2
G.4
G.6
G.7
G.8
G.9
H
H.2
H.7
H.9
I
J
K
L
M
O
P
18'-9 15/16"
31'-0"
31'-0"
31'-0"
15'-6"
15'-6"
17'-8 7/16"
C10X20
C12X20.7 STRINGER (TYP)
W24X117 c=1/2" T98'-1 3/4"
W24X62 (68) c=1/2" T98'-1 3/4"
W30X90 (68) c=1/2" T98'-1 3/4"
W12X19 (8) T98'-1 3/4"
W27X146 c=1/2" T98'-1 3/4"
W24X104 c=1 1/4" T98'-1 3/4"
W30X90 (120) c=1/2" T98'-1 3/4"
W24X55 (94) c=3/4" T98'-1 3/4"
W30X108 c=3/4" T98'-1 3/4"
W33X141 (160)
W21X44 (40)
W21X44 (50)
W36X135 (60) c=1/2" T102'-1 3/4"
CD-1 T/SLAB EL. = 98'-10"
TYP. @ LOAD BRG WALL
6" CONCRETE STEM WALL REINF. W/ #4 @12"oc EACH WAY. DRILL & EPOXY 2 1/2" INTO FIRST FLOOR SLAB T/ WALL EL.=104'-0"
4" OVERBUILD SLAB PER SECTIONS T/SLAB EL. = 104'-0"
W36X150 T102'-1 3/4"
W36X150 (52) T102'-1 3/4"
W36X150 (24) c=1 1/2"
W24X55 (40) c=1/2" T99'-3 3/4"
W24X62 (54) c=1 1/4" T99'-3 3/4"
W24X55 (62) c=3/4" T99'-3 3/4"
CMU COLUMN PER DETAIL E/S002
W27X84 (40) c=1 1/4" T99'-3 3/4"
W30X90 (86) c=3/4" T99'-3 3/4"
W24X62 (86) c=2" T99'-3 3/4"
W24X62 (62) c=2" T99'-3 3/4"
W44X290 (83)
W40X211 (83)
W24X68 (48) c=1 1/2" T99'-3 3/4"
W44X290 (98) T99'-3 3/4"
W24X55 (62) c=2" T99'-3 3/4"
W36X150 (24) c=2" T99'-3 3/4"
W24X55 (24) c=2" T99'-3 3/4"
W24X55 (68) c=1 3/4" T99'-3 3/4"
W24X55 (24) c=1 3/4" T99'-3 3/4"
W24X55 (24) c=1 3/4" T99'-3 3/4"
W24x55 T99'3 3/4"
115K*FT MOMENT CONNECTION TYP. @ HSS14X14
TYP. @ BEAM
HSS14X14X5/8
HSS7X7X1/2
HSS6X6X1/4
HSS9X9X5/8
HSS8X8X3/8
W14X22 (6)
W14X43 (6)
W18X46 (16)
W21X44 (16)
W24X62 (22)
W30X108 (60)
W30X99 (124)
PROVIDE DOWELS TO MATCH GRADE BEAM HORIZ. REINF. SIZE & QUANTITY DRILL & EPOXY 9"
8" SLAB PER SECTIONS
TOP OF PILASTER =99'-4" TYP. UNO POUR TOP OF PILASTER MONOLITHIC WITH GRADE BEAM
SIM.
S301
S302
S303
S304
S305
S320
S200
S201
S400
3'-8"
19'-0"
3'-0"
28'-11"
13'-2"
12'-10 1/2"
2'-7"
16'-1"
2'-7"
12'-6 5/8"
15'-4 7/8"
29'-0"
2'-11"
22'-8 1/2"
2'-6"
1'-11"
4.4
4.5
5
5.2
5.6
5.9
6
6.3
6.4
6.5
6.6
7
7.3
7.8
8
8.5
8.6
N

1 COMMERCIAL FLOOR FRAMING PLAN- AREA C/D

3/32" = 1'-0"



RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

CLARK ANDREW BASINGER
NUMBER PE-2010026832
7-2-2020

CLIENT	CLIENT NAME
ARCHITECT	TR,i Architects
STRUCTURAL ENGINEER	STRUCTURAL
CIVIL ENGINEER	CIVIL
MECHANICAL ENGINEER	ENGINEER
PLUMBING ENGINEER	PLUMBING
ELECTRICAL ENGINEER	ELECTRICAL

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www.triarchitects.com

DATE: 7.29.19 (SHELL PACKAGE)

REVISIONS #

4	STRUCTURAL REVISION	10.16.19
10	REVISION 5	07.02.20

DWG BY Author

TR,i PROJECT NO. 18-046

SHEET NO.

S111C/D

COMMERCIAL FLOOR FRAMING PLAN- AREA C/D

RELEASE FOR CONSTRUCTION
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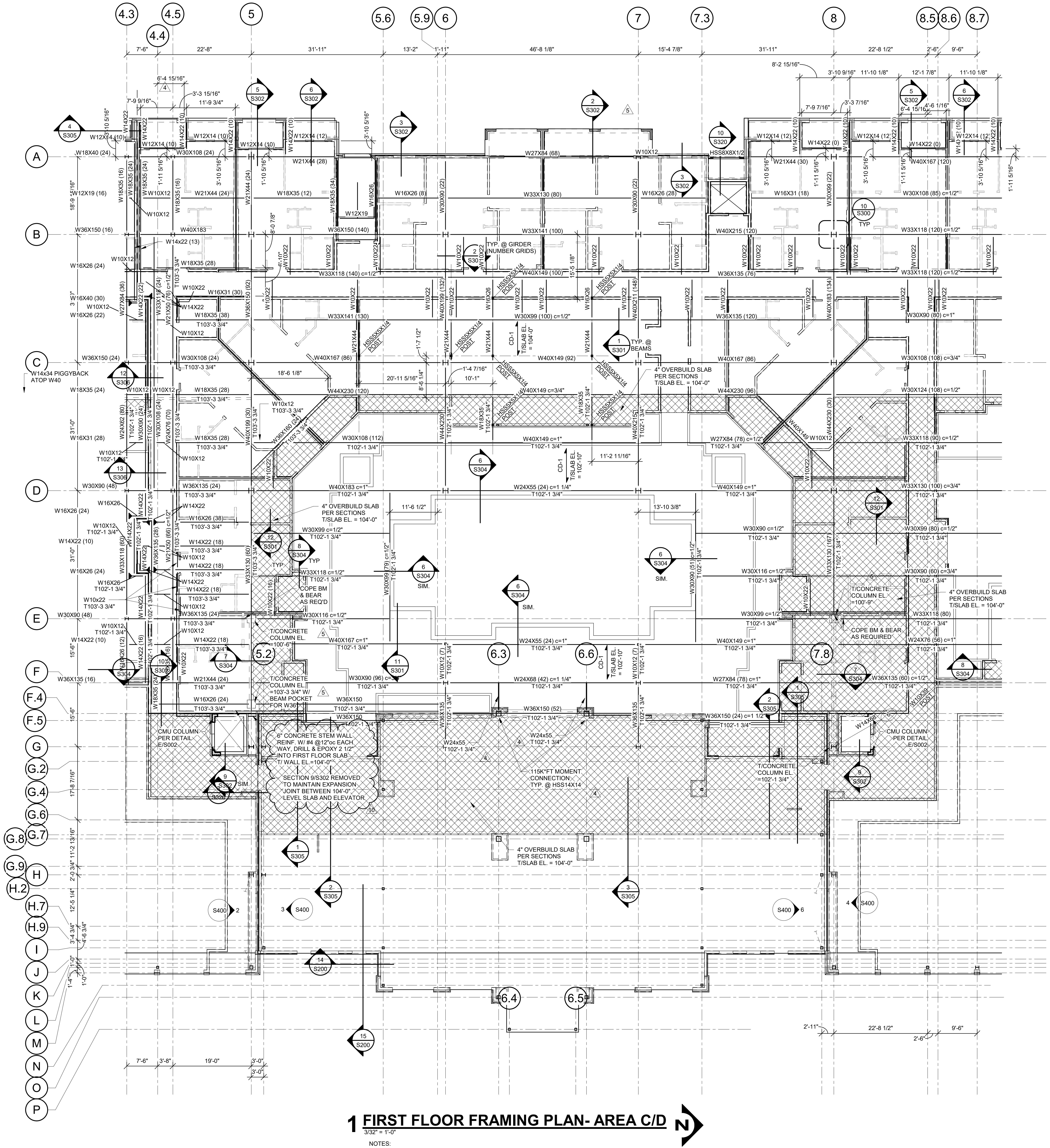
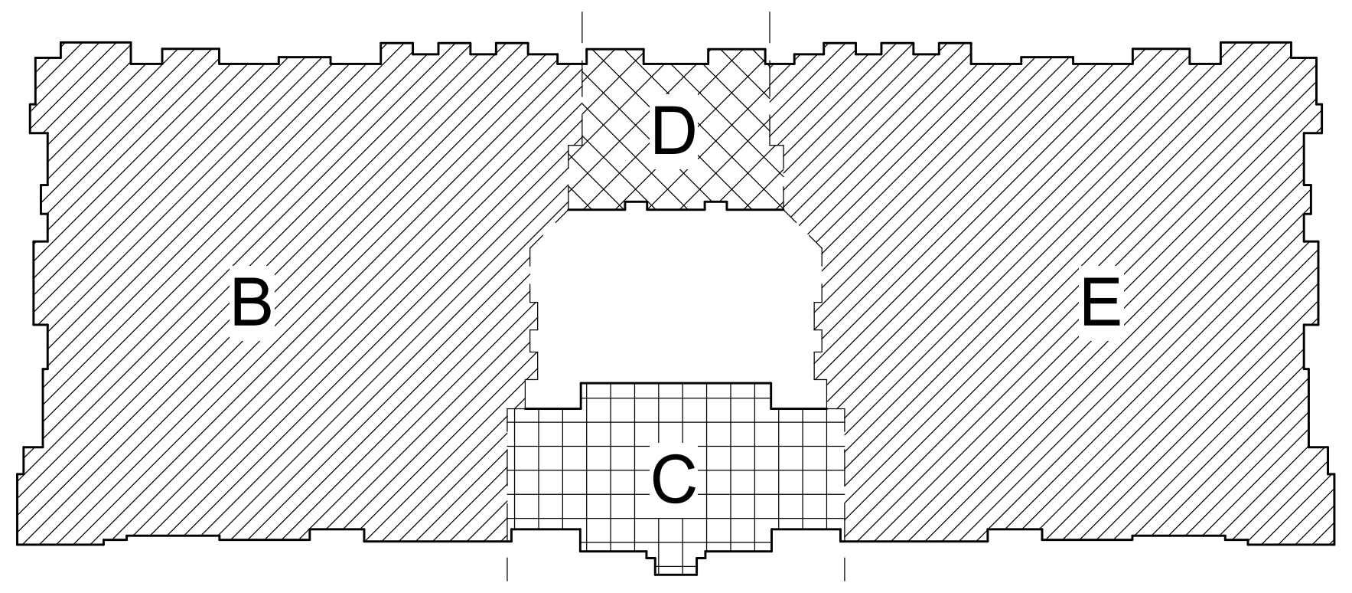


1 FIRST FLOOR FRAMING PLAN- AREA C/D

3/32" = 1'-0"

NOTES:
1.) TOP OF STEEL ELEVATION=103'-3 3/4" UNLESS NOTED OTHERWISE.
2.) REFER TO A401 FOR COURTYARD CONCRETE. SHEM WALL LOCATIONS AND WIDTHS REINFORCE W/ #4 @ 12"oc EACH WAY, DRILL & EPOXY VERTICAL REINF. 3" INTO SLAB BELOW



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REVISIONS #

2	BIDDER QUESTIONS	08.12.19
4	STRUCTURAL REVISION	10.16.19
5	STRUCTURAL REVISION 2	11.7.19
10	REVISION 5	07.02.20

DWG BY Author

TR,i PROJECT NO. 18-046

SHEET NO.

S112C/D

FIRST FLOOR 1 FRAMING PLAN- AREA C/D

RELEASE FOR CONSTRUCTION
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~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

CLARK ANDREW BASINGER
NUMBER PE-2010026832
7-2-2020

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PLUMBING ENGINEER	PLUMBING
ELECTRICAL ENGINEER	ELECTRICAL

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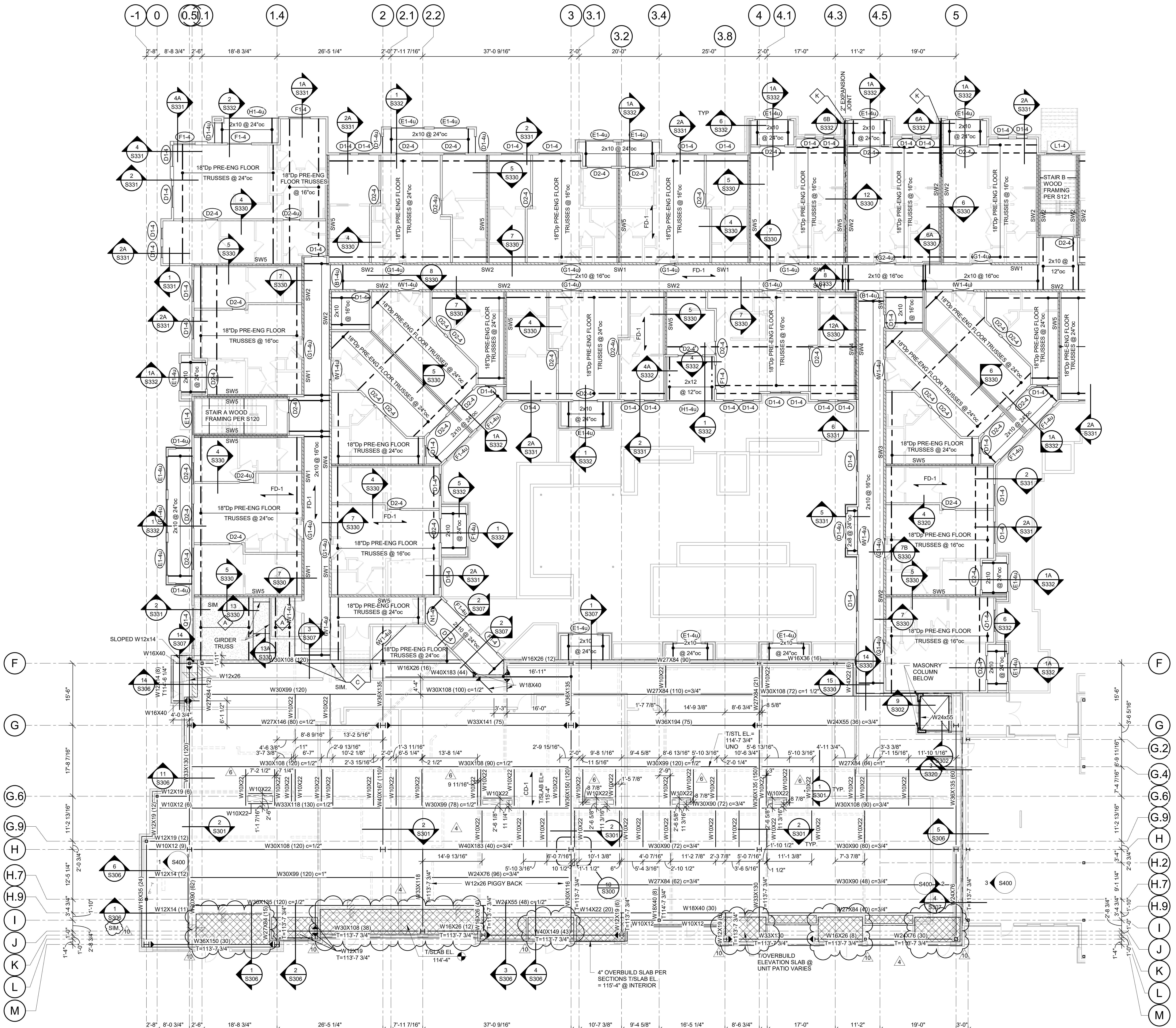


-1
0
0.5
1
1.1
1.4
2
2.1
2.2
3
3.1
3.2
3.4
3.8
4
4.1
4.3
4.5
5
5.2
F
G
G.2
G.4
G.6
G.9
H
H.2
H.7
H.9
I
J
K
L
M
18"Dp PRE-ENG FLOOR TRUSSES @ 24"oc
18"Dp PRE-ENG FLOOR TRUSSES @ 16"oc
STAIR A WOOD FRAMING PER S120
STAIR B WOOD FRAMING PER S121
2" EXPANSION JOINT
SLOPED W12x14
GIRDER TRUSS
MASONRY COLUMN BELOW
W12x26 PIGGY BACK
T/SLAB EL. 114'-4"
4" OVERBUILD SLAB PER SECTIONS T/SLAB EL. = 115'-4" @ INTERIOR
T/OVERBUILD ELEVATION SLAB @ UNIT PATIO VARIES

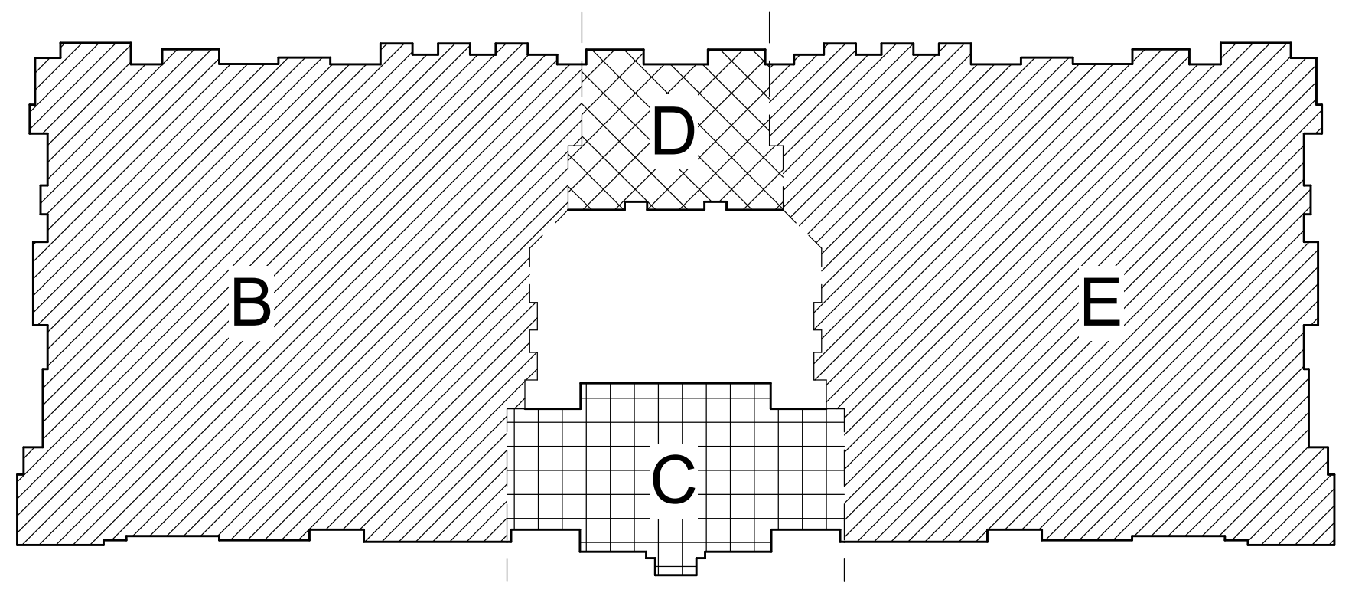
1 SECOND FLOOR FRAMING PLAN- AREA B

3/32" = 1'-0"

△6 NOTES:
1. PROVIDE BENT PLATE AND DOWELS PER SECTION 14/S330 TYP. @ SHAFT OPENINGS. SLAB EDGE TO BE 6" FROM CENTERLINE OF BEAM U.N.O.

WOOD FLOOR FRAMING

NOTES:
1. REFER TO GENERAL NOTES ON SHEET S001.
2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
3. REFER TO HEADER/BEAM/JAMB SCHEDULE ON SHEET S003.
4. REFER TO SHEARWALL AND HOLDOWN SCHEDULE ON S004.
5. REFER TO STAIR FRAMING PLANS ON SHEET S120.
6. REFER TO S330 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE
7. PROVIDE TRUSS SPACE DIRECTLY ABOVE AND CENTERED OVER HVAC CLOSET; REFER TO ARCH AND MEP DRAWINGS FOR LOCATIONS.
8. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
   - A. WOOD FLOOR DECK TO BE DECK TYPE "FD-1" U.N.O.
   - B. BALCONY FLOOR DECK TO BE DECK TYPE "CD-2" U.N.O.
9. ADD 1 1/4" SILL PL BETWEEN 2nd FLOOR DECK & BOTTOM PLATE @ ALL LOAD BEARING 4 STORY WOOD STUD WALLS.
10. ▨ PUBLIC AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001
    ▨ STORAGE AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001



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DATE: 7.29.19 (SHELL PACKAGE)

REVISIONS △#

4	STRUCTURAL REVISION	10.16.19
6	REVISION 1	12.20.19
10	REVISION 5	07.02.20

DWG BY Author

TR,i PROJECT NO. 18-046

SHEET NO.

S113B

SECOND FLOOR FRAMING PLAN- AREA B

RELEASE FOR CONSTRUCTION
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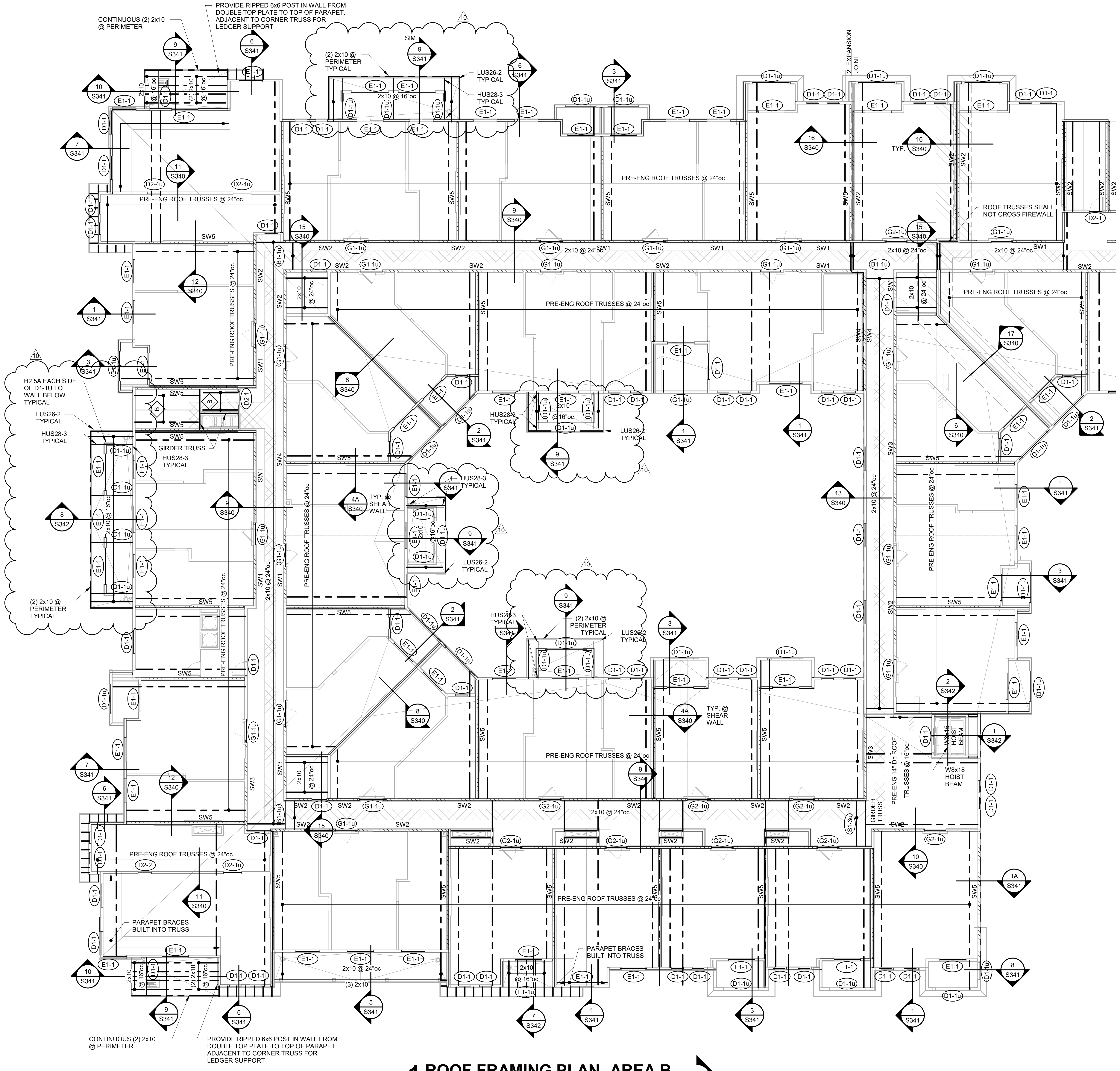
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

CLARK ANDREW BASINGER
PE-2010026832
7-2-2020

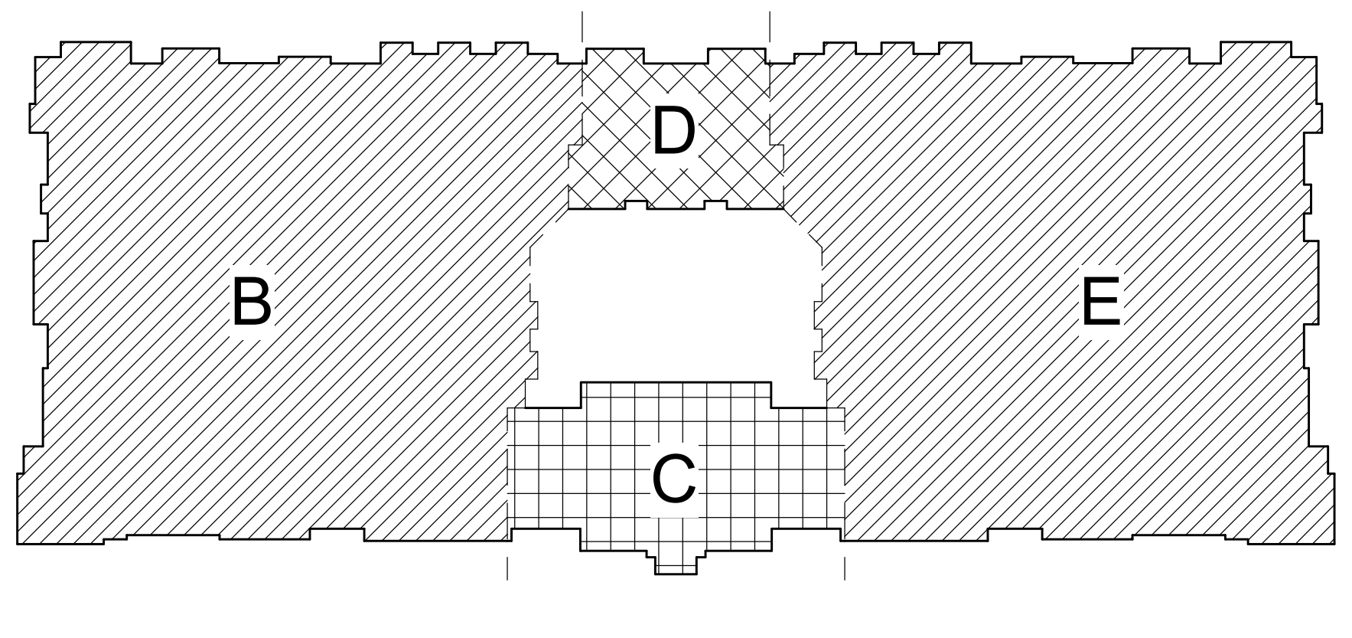

CONTINUOUS (2) 2x10
@ PERIMETER
PROVIDE RIPPED 6x6 POST IN WALL FROM DOUBLE TOP PLATE TO TOP OF PARAPET. ADJACENT TO CORNER TRUSS FOR LEDGER SUPPORT
(2) 2x10 @ PERIMETER TYPICAL
LUS26-2 TYPICAL
HUS28-3 TYPICAL
2x10 @ 16"oc
(2) 2x10 @ 16"oc
SIM.
2" EXPANSION JOINT
PRE-ENG ROOF TRUSSES @ 24"oc
ROOF TRUSSES SHALL NOT CROSS FIREWALL
TYP.
2x10 @ 24"oc
H2.5A EACH SIDE OF D1-1U TO WALL BELOW TYPICAL
GIRDER TRUSS
TYP. @ SHEAR WALL
PRE-ENG 14" Dp ROOF TRUSSES @ 16"oc
W8x18 HOIST BEAM
HOIST BEAM
PARAPET BRACES BUILT INTO TRUSS
(3) 2x10
SW1
SW2
SW3
SW4
SW5
D1-1
D1-1u
D2-1
D2-1u
D2-2
D2-4u
E1-1
G1-1u
G2-1u
B1-1u
S341
S340
S342
10

1 ROOF FRAMING PLAN- AREA B

3/32" = 1'-0"

WOOD ROOF FRAMING

NOTES:
1. REFER TO GENERAL NOTES ON SHEET S001.
2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
3. REFER TO HEADER/BEAM/JAMB SCHEDULE ON SHEET S003.
4. REFER TO SHEARWALL AND HOLDOWN SCHEDULE ON S004.
5. REFER TO STAIR FRAMING PLANS ON SHEET S120.
6. REFER TO S340 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE
7. PROVIDE (3) STUDS MINIMUM ALIGNED UNDER EACH END OF EACH GIRDER TRUSS. PROVIDE SQUASH BLOCKS AND JAMBS AT EA. FLOOR BELOW DOWN TO FOUNDATION. (TOTAL STUDS TO MATCH NUMBER OF GIRDER TRUSS PLIES (3 MIN.) REFER TO DETAIL 8/S340.
8. PROVIDE UNIFORM UPLIFT SCREWS @ UPPER FLOOR PER DETAILS 3, 3A, 3B, 4 AND 5 ON S005.
9. PRE-ENG TRUSSES TO HAVE A MINIMUM DEPTH OF 24". SLOPE TOP CHORD PER ARCHITECTUAL DRAWINGS.
10. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
    A. WOOD ROOF DECK TO BE DECK TYPE "RD-1" U.N.O.



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DATE: 7.29.19 (SHELL PACKAGE)

REVISIONS #

10 REVISION 5 07.02.20

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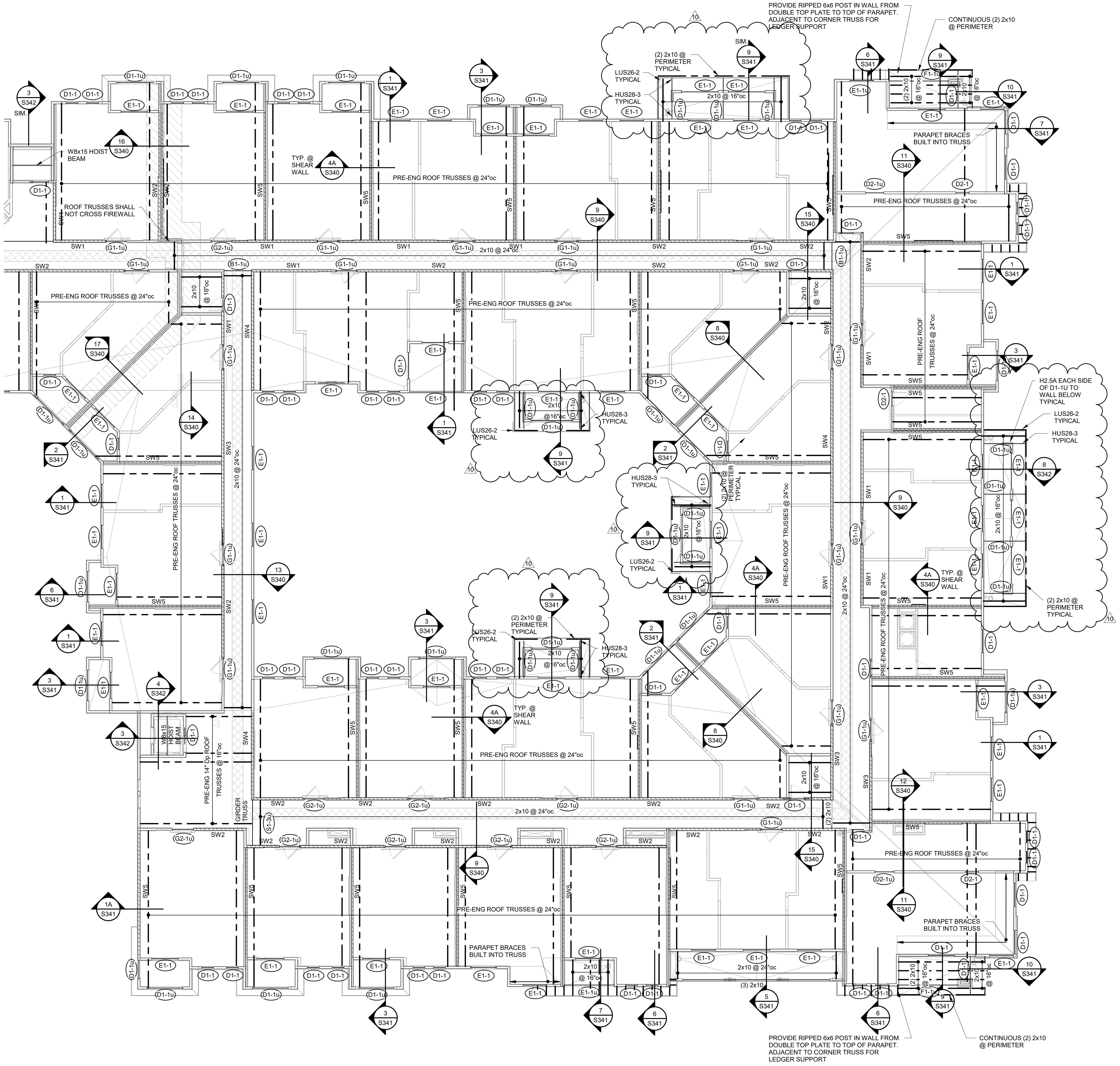
TR,i PROJECT NO. 18-046

SHEET NO.

S116B

ROOF FRAMING PLAN- AREA B


PROVIDE RIPPED 6x6 POST IN WALL FROM DOUBLE TOP PLATE TO TOP OF PARAPET. ADJACENT TO CORNER TRUSS FOR LEDGER SUPPORT
CONTINUOUS (2) 2x10 @ PERIMETER
PARAPET BRACES BUILT INTO TRUSS
W8x15 HOIST BEAM
ROOF TRUSSES SHALL NOT CROSS FIREWALL
TYP. @ SHEAR WALL
PRE-ENG ROOF TRUSSES @ 24"oc
(2) 2x10 @ PERIMETER TYPICAL
LUS26-2 TYPICAL
HUS28-3 TYPICAL
H2.5A EACH SIDE OF D1-1U TO WALL BELOW TYPICAL
2x10 @ 24"oc
2x10 @ 16"oc
PRE-ENG 14" Dp ROOF TRUSSES @ 16"oc
GIRDER TRUSS
SW1
SW2
SW3
SW4
SW5
SIM.
10

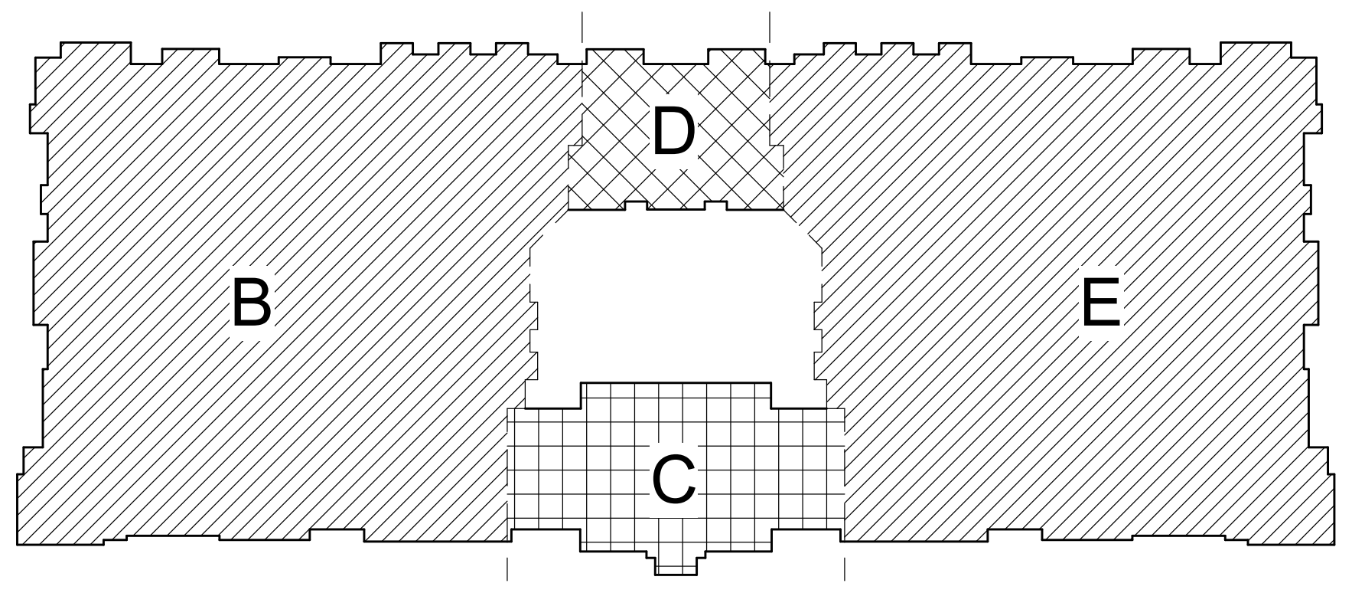
1 ROOF FRAMING PLAN- AREA E

3/32" = 1'-0"

WOOD ROOF FRAMING

NOTES:

1. REFER TO GENERAL NOTES ON SHEET S001.
2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
3. REFER TO HEADER/BEAM/JAMB SCHEDULE ON SHEET S003.
4. REFER TO SHEARWALL AND HOLDOWN SCHEDULE ON S004.
5. REFER TO STAIR FRAMING PLANS ON SHEET S120.
6. REFER TO S340 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE
7. PROVIDE (3) STUDS MINIMUM ALIGNED UNDER EACH END OF EACH GIRDER TRUSS. PROVIDE SQUASH BLOCKS AND JAMBS AT EA. FLOOR BELOW DOWN TO FOUNDATION. (TOTAL STUDS TO MATCH NUMBER OF GIRDER TRUSS PLIES (3 MIN.) REFER TO DETAIL 8/S340.
8. PROVIDE UNIFORM UPLIFT SCREWS @ UPPER FLOOR PER DETAILS 3, 3A, 3B, 4 AND 5 ON S005.
9. PRE-ENG TRUSSES TO HAVE A MINIMUM DEPTH OF 24". SLOPE TOP CHORD PER ARCHITECTUAL DRAWINGS.
10. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
    - A. WOOD ROOF DECK TO BE DECK TYPE "RD-1" U.N.O.



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LEE'S SUMMIT, MISSOURI
07/13/2020

CLARK ANDREW BASINGER
NUMBER PE-2010026832
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REVISIONS #

10	REVISION 5	07.02.20

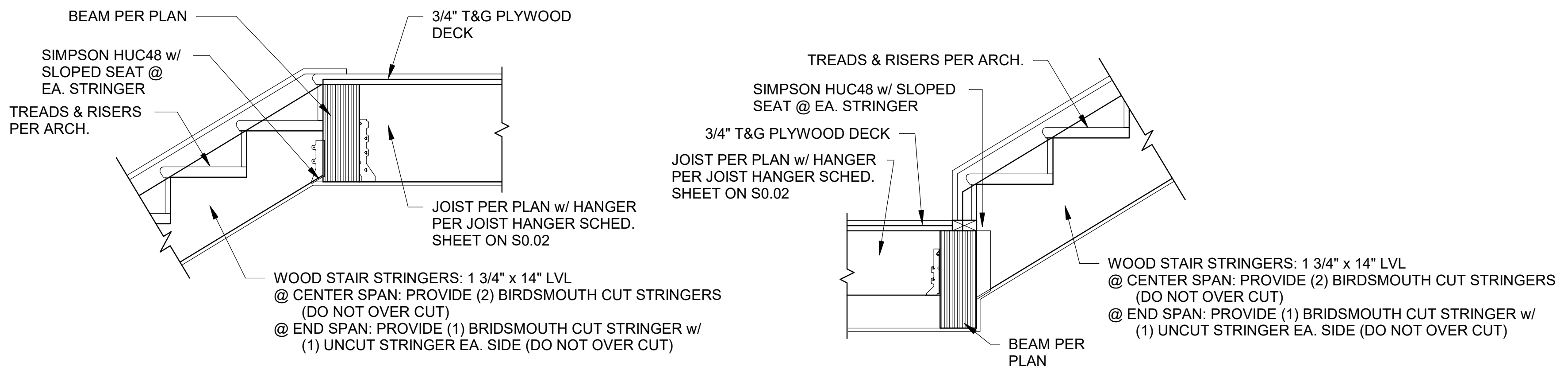
DWG BY Author

TR,i PROJECT NO. 18-046

SHEET NO.

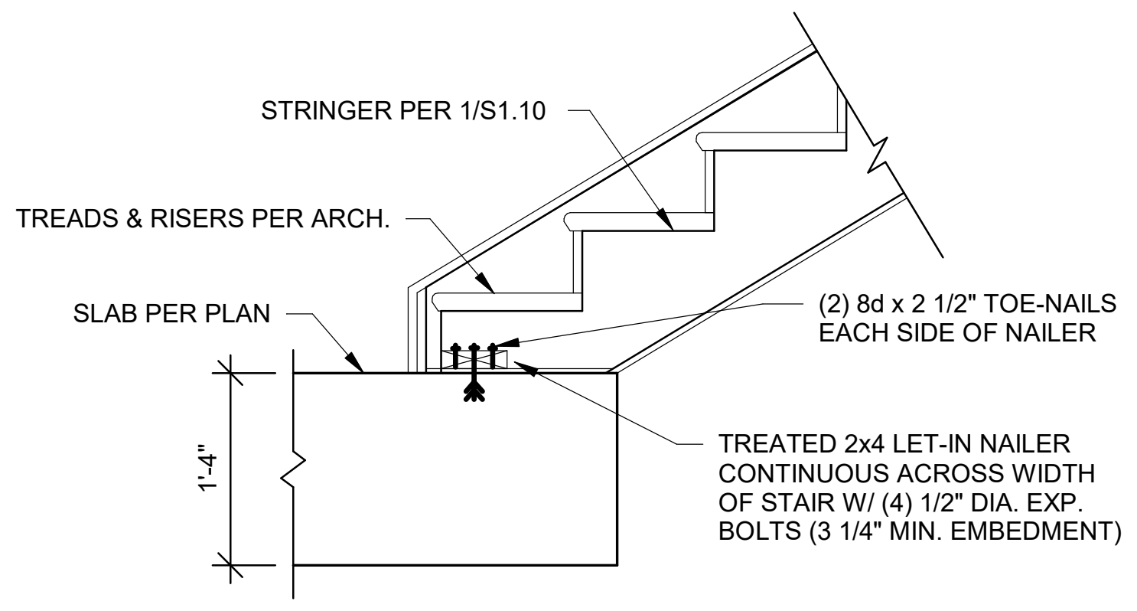
S116E

ROOF FRAMING PLAN- AREA E

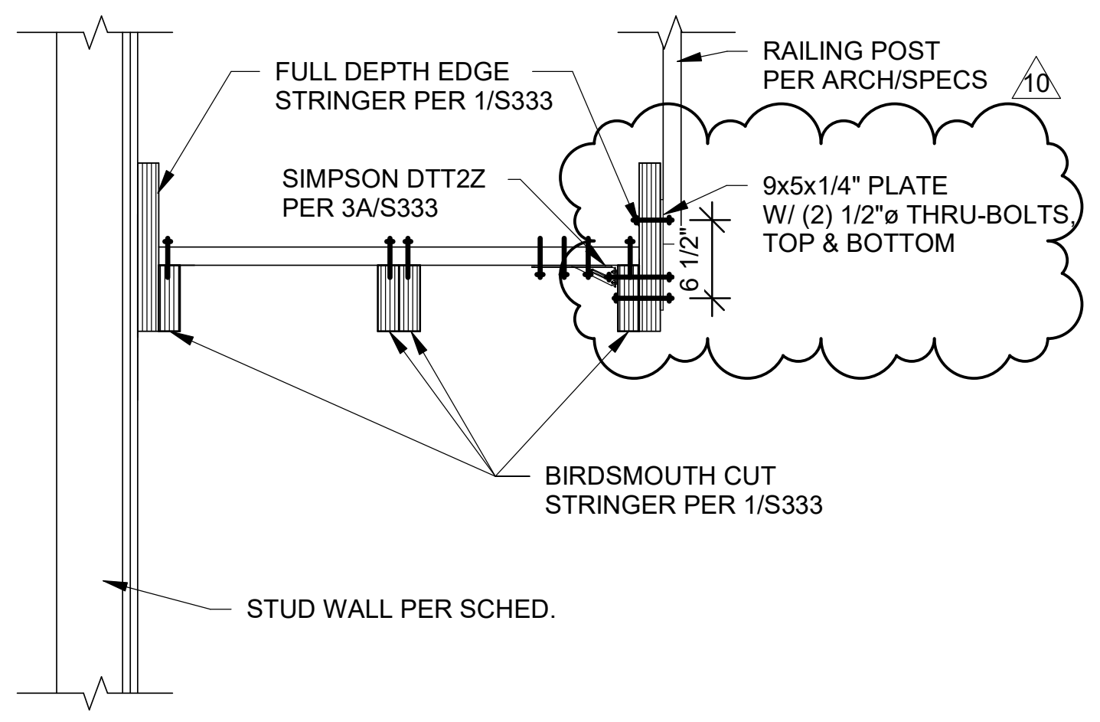

BEAM PER PLAN
3/4" T&G PLYWOOD DECK
SIMPSON HUC48 w/ SLOPED SEAT @ EA. STRINGER
TREADS & RISERS PER ARCH.
JOIST PER PLAN w/ HANGER PER JOIST HANGER SCHED. SHEET ON S0.02
WOOD STAIR STRINGERS: 1 3/4" x 14" LVL
@ CENTER SPAN: PROVIDE (2) BIRDSMOUTH CUT STRINGERS (DO NOT OVER CUT)
@ END SPAN: PROVIDE (1) BRIDSMOUTH CUT STRINGER w/ (1) UNCUT STRINGER EA. SIDE (DO NOT OVER CUT)
TREADS & RISERS PER ARCH.
SIMPSON HUC48 w/ SLOPED SEAT @ EA. STRINGER
3/4" T&G PLYWOOD DECK
JOIST PER PLAN w/ HANGER PER JOIST HANGER SCHED. SHEET ON S0.02
WOOD STAIR STRINGERS: 1 3/4" x 14" LVL
@ CENTER SPAN: PROVIDE (2) BIRDSMOUTH CUT STRINGERS (DO NOT OVER CUT)
@ END SPAN: PROVIDE (1) BRIDSMOUTH CUT STRINGER w/ (1) UNCUT STRINGER EA. SIDE (DO NOT OVER CUT)
BEAM PER PLAN

TYPICAL STAIR AND STRINGER CONNECTION DETAIL

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

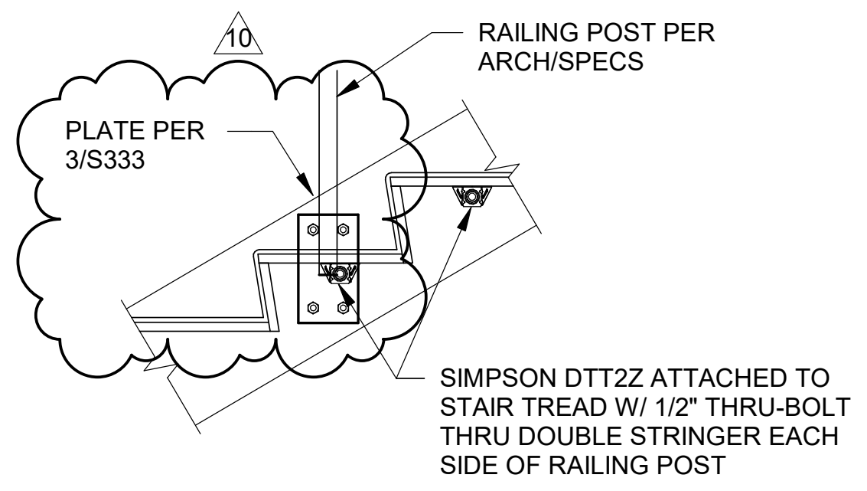

STRINGER PER 1/S1.10
TREADS & RISERS PER ARCH.
SLAB PER PLAN
(2) 8d x 2 1/2" TOE-NAILS EACH SIDE OF NAILER
TREATED 2x4 LET-IN NAILER CONTINUOUS ACROSS WIDTH OF STAIR W/ (4) 1/2" DIA. EXP. BOLTS (3 1/4" MIN. EMBEDMENT)
1'-4"

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

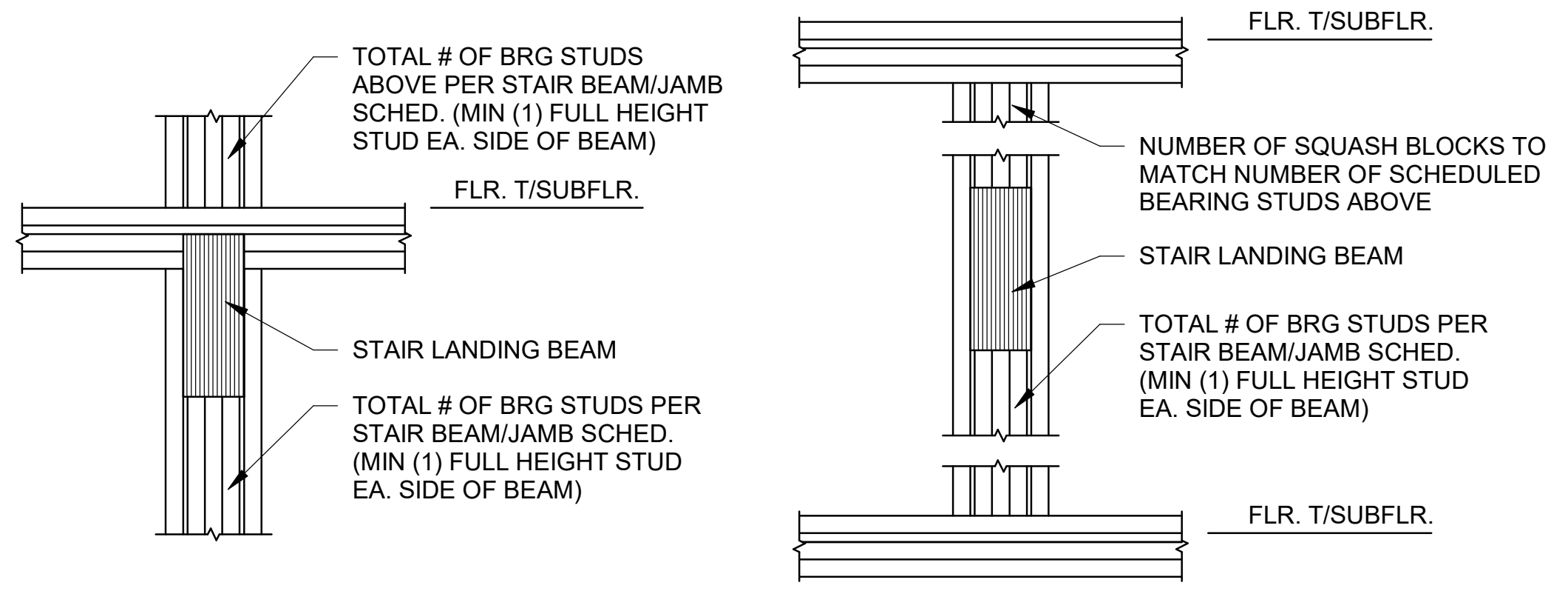

FULL DEPTH EDGE STRINGER PER 1/S333
RAILING POST PER ARCH/SPECS
10
SIMPSON DTT2Z PER 3A/S333
9x5x1/4" PLATE W/ (2) 1/2"ø THRU-BOLTS, TOP & BOTTOM
6 1/2"
BIRDSMOUTH CUT STRINGER PER 1/S333
STUD WALL PER SCHED.

TYPICAL STAIR RUN TYPICAL THRU SECTION

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

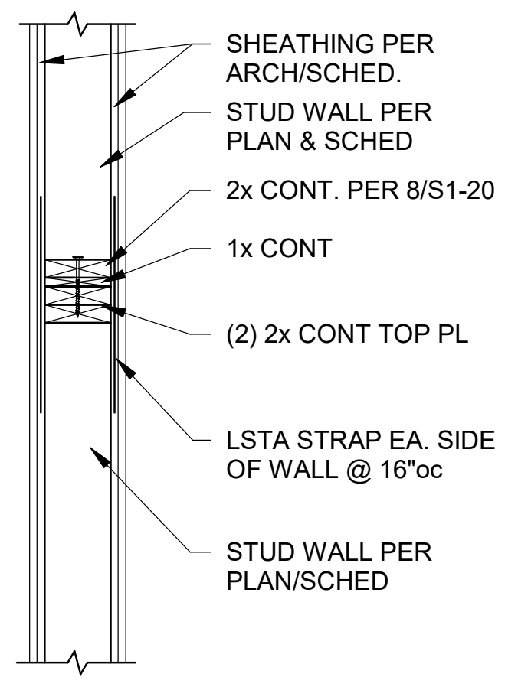

10
RAILING POST PER ARCH/SPECS
PLATE PER 3/S333
SIMPSON DTT2Z ATTACHED TO STAIR TREAD W/ 1/2" THRU-BOLT THRU DOUBLE STRINGER EACH SIDE OF RAILING POST

3A SECTION
3/4" = 1'-0"

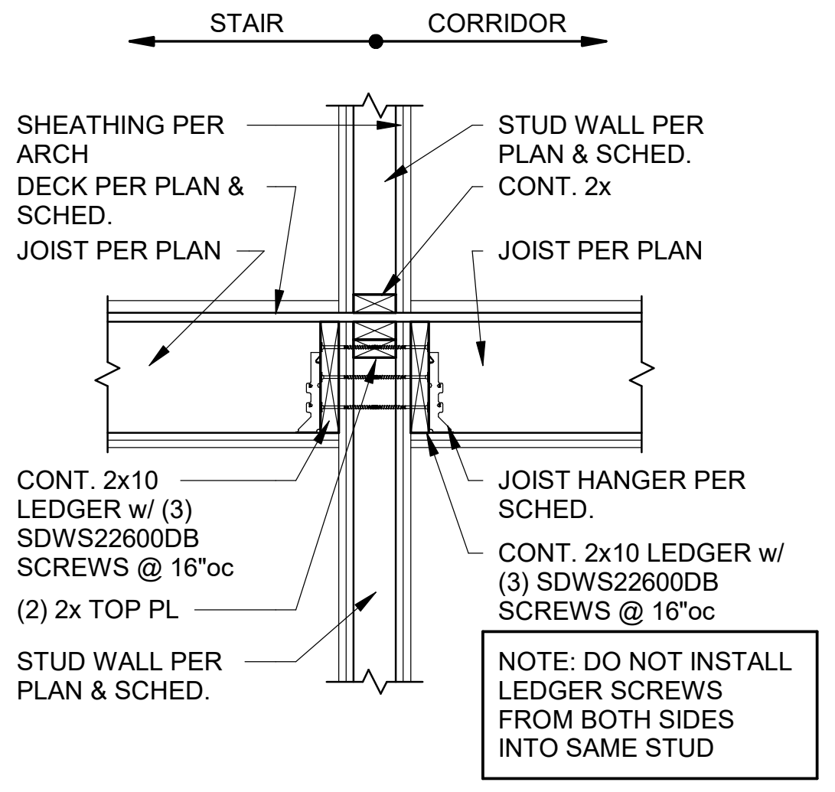

TOTAL # OF BRG STUDS ABOVE PER STAIR BEAM/JAMB SCHED. (MIN (1) FULL HEIGHT STUD EA. SIDE OF BEAM)
FLR. T/SUBFLR.
STAIR LANDING BEAM
TOTAL # OF BRG STUDS PER STAIR BEAM/JAMB SCHED. (MIN (1) FULL HEIGHT STUD EA. SIDE OF BEAM)
FLR. T/SUBFLR.
NUMBER OF SQUASH BLOCKS TO MATCH NUMBER OF SCHEDULED BEARING STUDS ABOVE
STAIR LANDING BEAM
TOTAL # OF BRG STUDS PER STAIR BEAM/JAMB SCHED. (MIN (1) FULL HEIGHT STUD EA. SIDE OF BEAM)
FLR. T/SUBFLR.

TYPICAL STAIR BEAM JAMBS

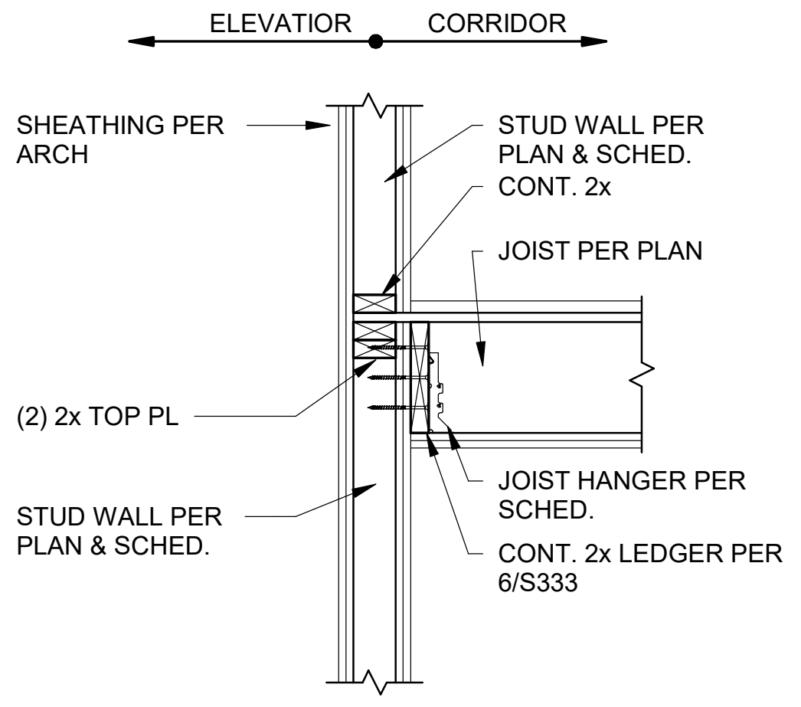
4 SECTION
3/4" = 1'-0"


SHEATHING PER ARCH/SCHED.
STUD WALL PER PLAN & SCHED
2x CONT. PER 8/S1-20
1x CONT
(2) 2x CONT TOP PL
LSTA STRAP EA. SIDE OF WALL @ 16"oc
STUD WALL PER PLAN/SCHED

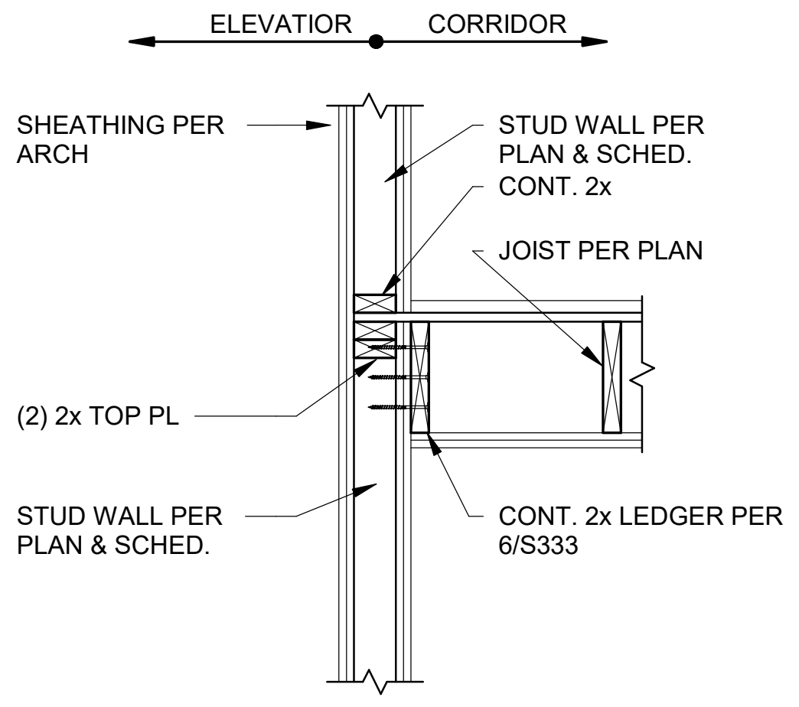
5 SECTION
3/4" = 1'-0"


STAIR
CORRIDOR
SHEATHING PER ARCH
DECK PER PLAN & SCHED.
JOIST PER PLAN
STUD WALL PER PLAN & SCHED.
CONT. 2x
JOIST PER PLAN
CONT. 2x10 LEDGER w/ (3) SDWS22600DB SCREWS @ 16"oc
(2) 2x TOP PL
STUD WALL PER PLAN & SCHED.
JOIST HANGER PER SCHED.
CONT. 2x10 LEDGER w/ (3) SDWS22600DB SCREWS @ 16"oc
NOTE: DO NOT INSTALL LEDGER SCREWS FROM BOTH SIDES INTO SAME STUD

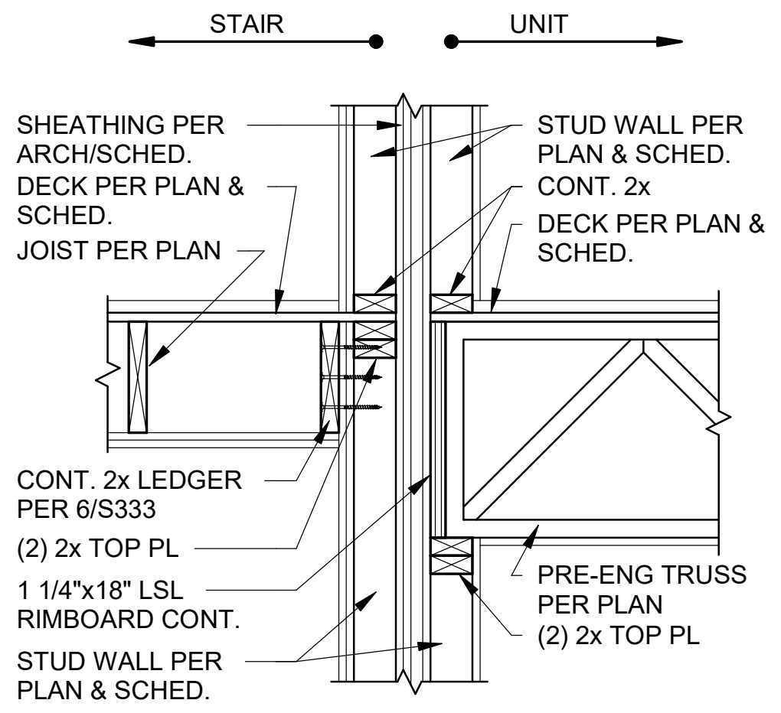
6 SECTION
3/4" = 1'-0"



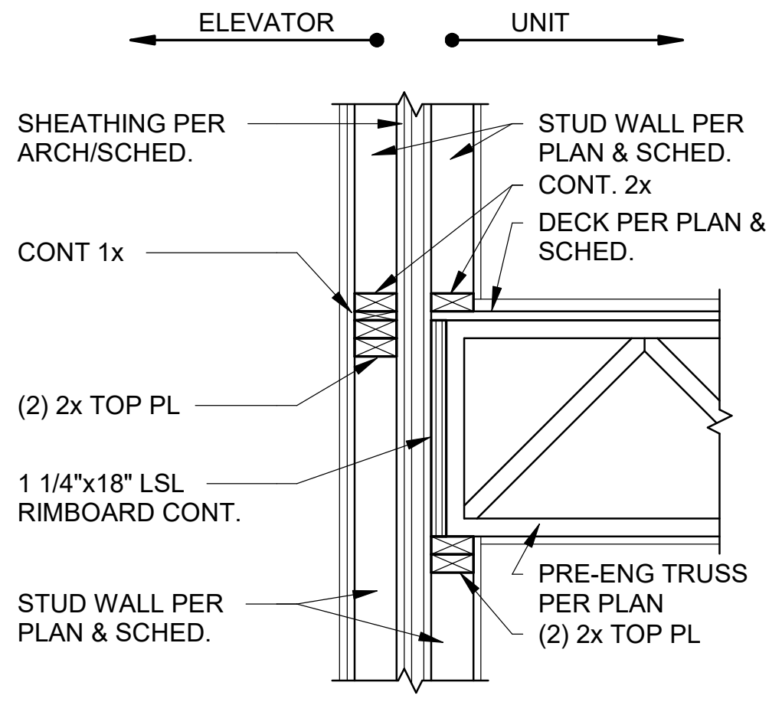
6A SECTION
3/4" = 1'-0"


ELEVATIOR
CORRIDOR
SHEATHING PER ARCH
STUD WALL PER PLAN & SCHED.
CONT. 2x
JOIST PER PLAN
(2) 2x TOP PL
STUD WALL PER PLAN & SCHED.
CONT. 2x LEDGER PER 6/S333

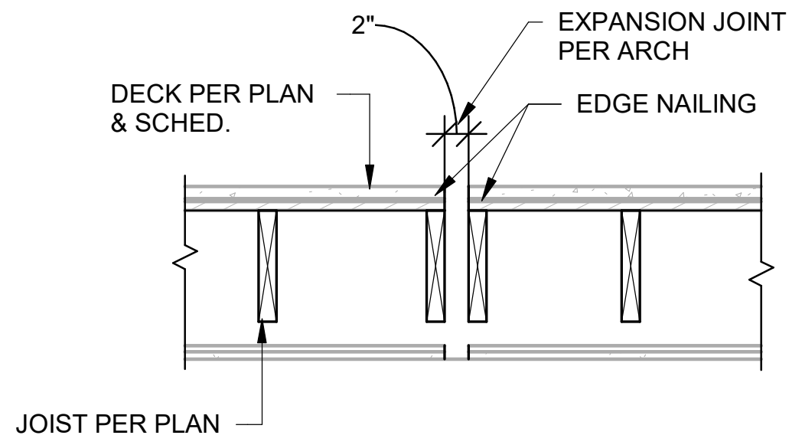
6B SECTION
3/4" = 1'-0"


STAIR
UNIT
SHEATHING PER ARCH/SCHED.
DECK PER PLAN & SCHED.
JOIST PER PLAN
STUD WALL PER PLAN & SCHED.
CONT. 2x
DECK PER PLAN & SCHED.
CONT. 2x LEDGER PER 6/S333
(2) 2x TOP PL
1 1/4"x18" LSL RIMBOARD CONT.
STUD WALL PER PLAN & SCHED.
PRE-ENG TRUSS PER PLAN
(2) 2x TOP PL

7 SECTION
3/4" = 1'-0"


ELEVATOR
UNIT
SHEATHING PER ARCH/SCHED.
CONT 1x
(2) 2x TOP PL
1 1/4"x18" LSL RIMBOARD CONT.
STUD WALL PER PLAN & SCHED.
STUD WALL PER PLAN & SCHED.
CONT. 2x
DECK PER PLAN & SCHED.
PRE-ENG TRUSS PER PLAN
(2) 2x TOP PL

7A SECTION
3/4" = 1'-0"



8 SECTION
3/4" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

CLARK ANDREW BASINGER
NUMBER
PE-2010026832
7-2-2020

CLIENT
ARCHITECT
STRUCTURAL ENGINEER
CIVIL ENGINEER
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

CLIENT NAME
TR,i Architects
STRUCTURAL
CIVIL
ENGINEER
PLUMBING
ELECTRICAL

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www.triarchitects.com

DATE: 7.29.19 (SHELL PACKAGE)

REVISIONS #

10	REVISION 5	07.02.20

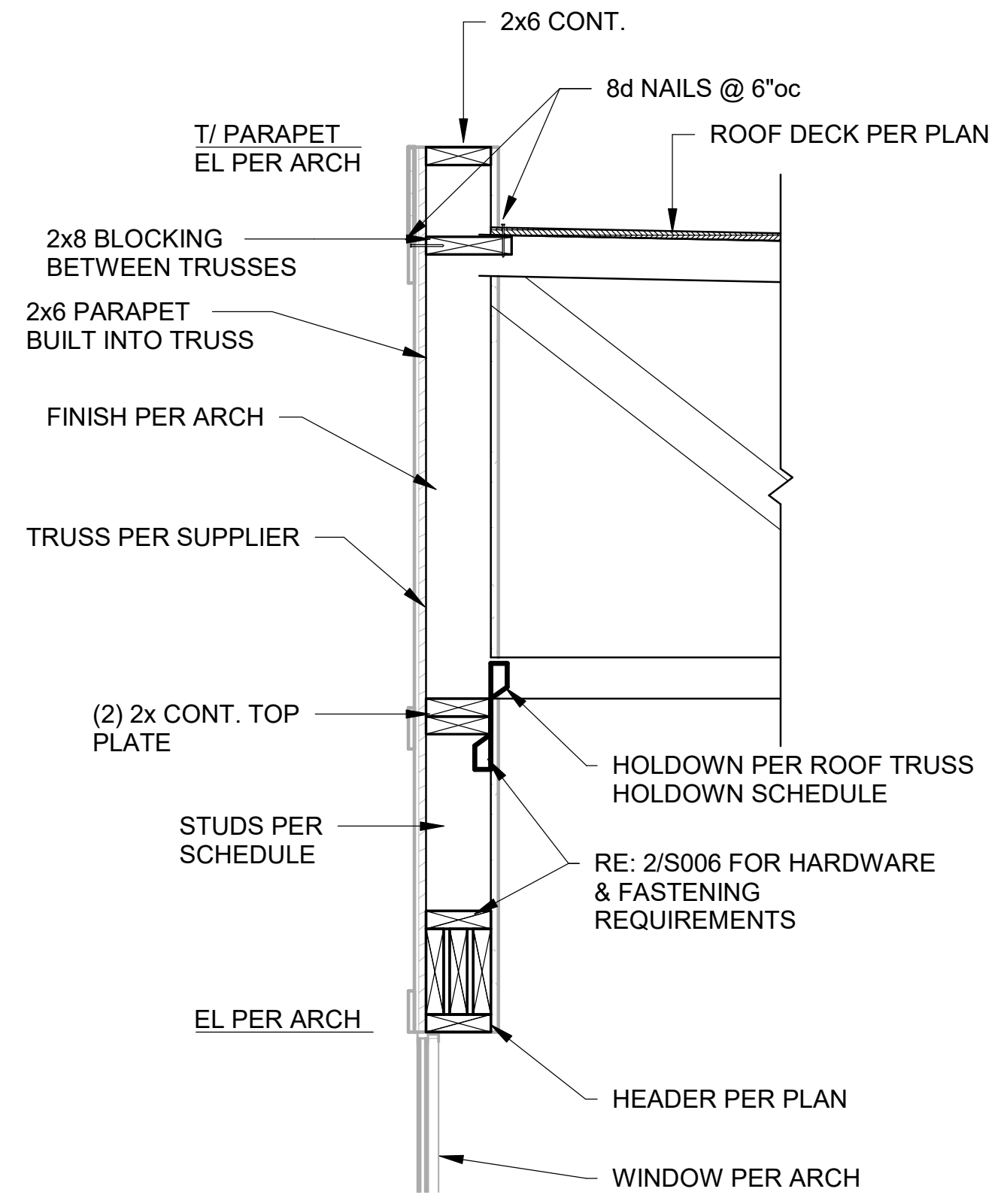
DWG BY Author

TR,i PROJECT NO. 18-046

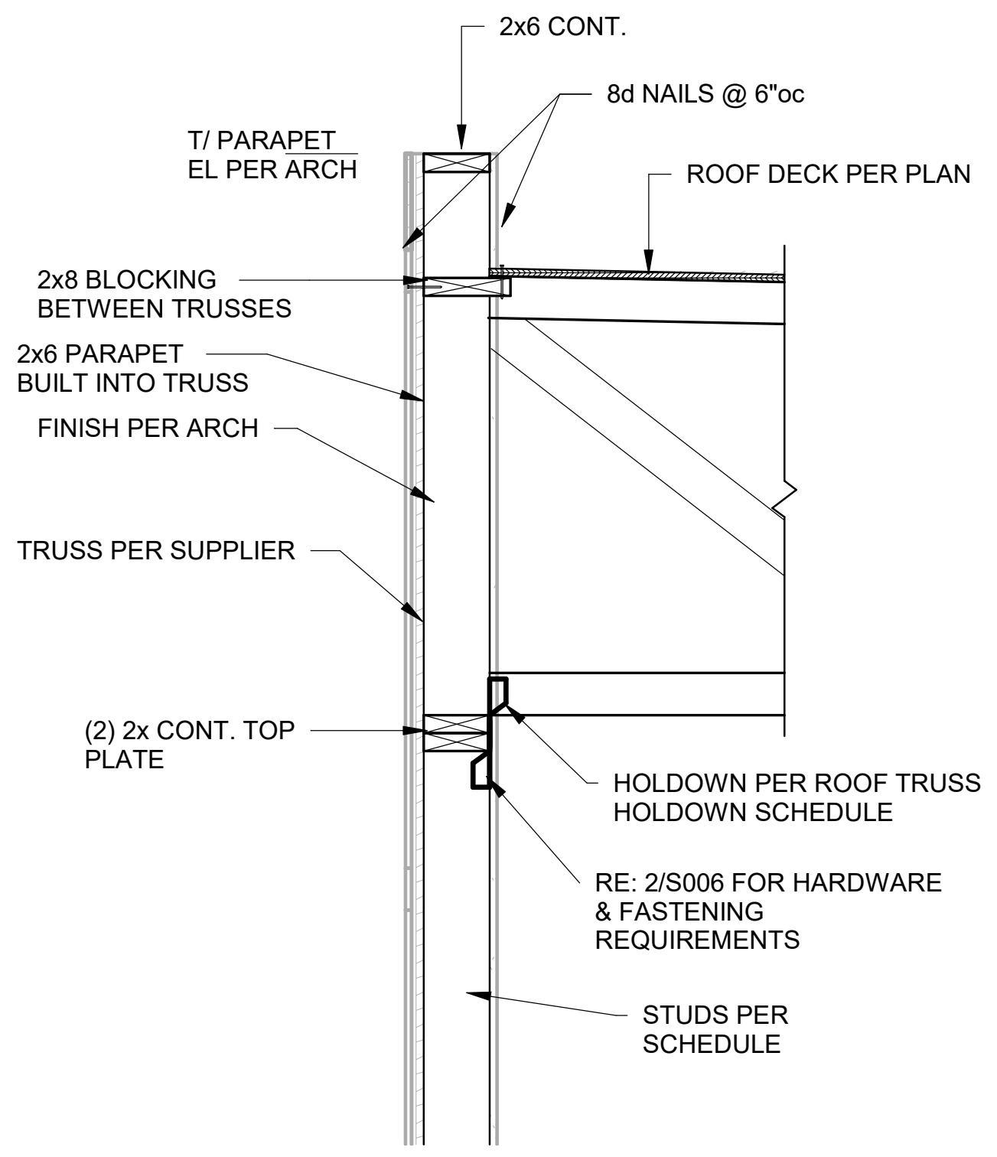
SHEET NO.

S333

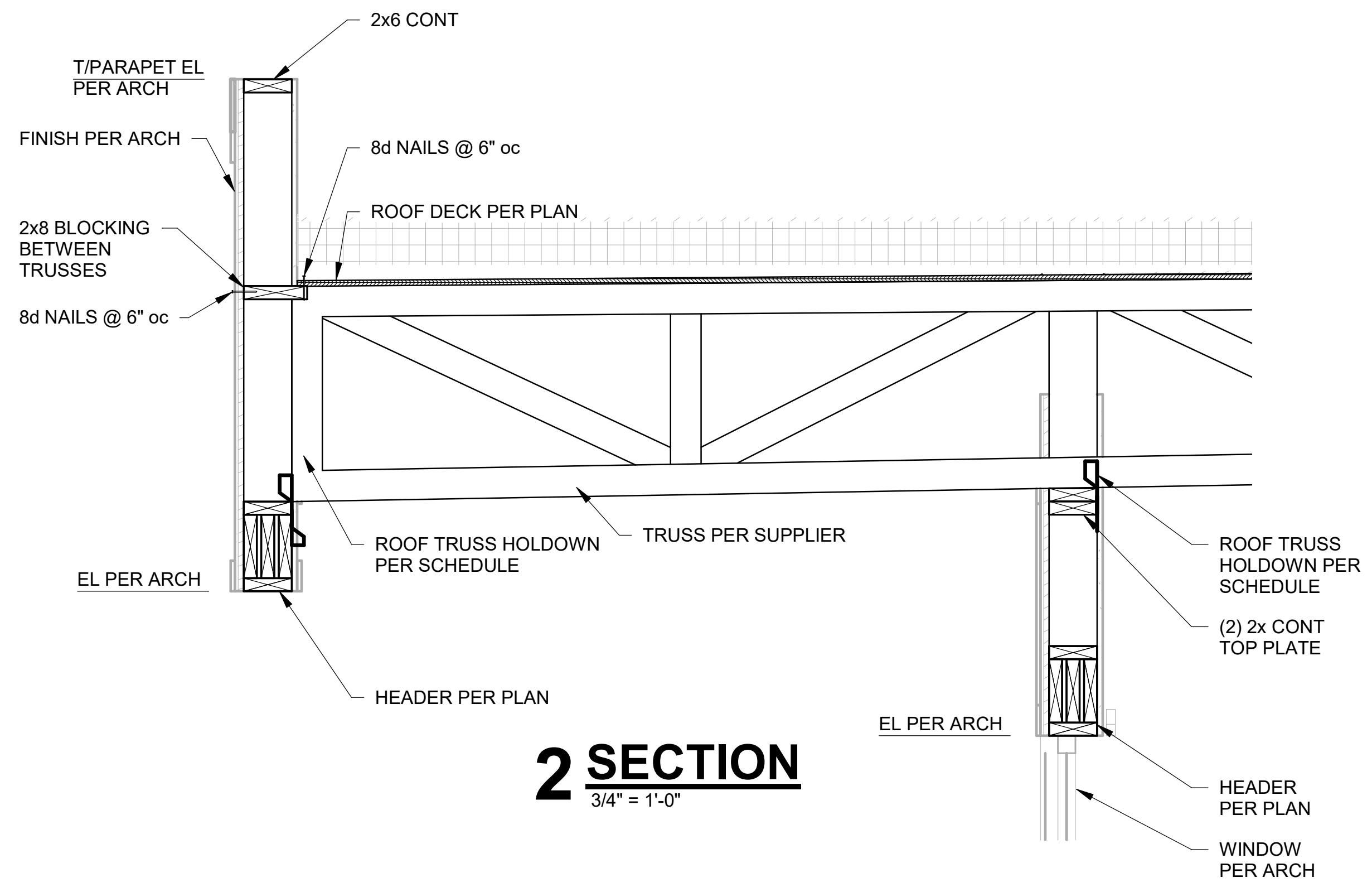
WOOD FLOOR FRAMING SECTIONS



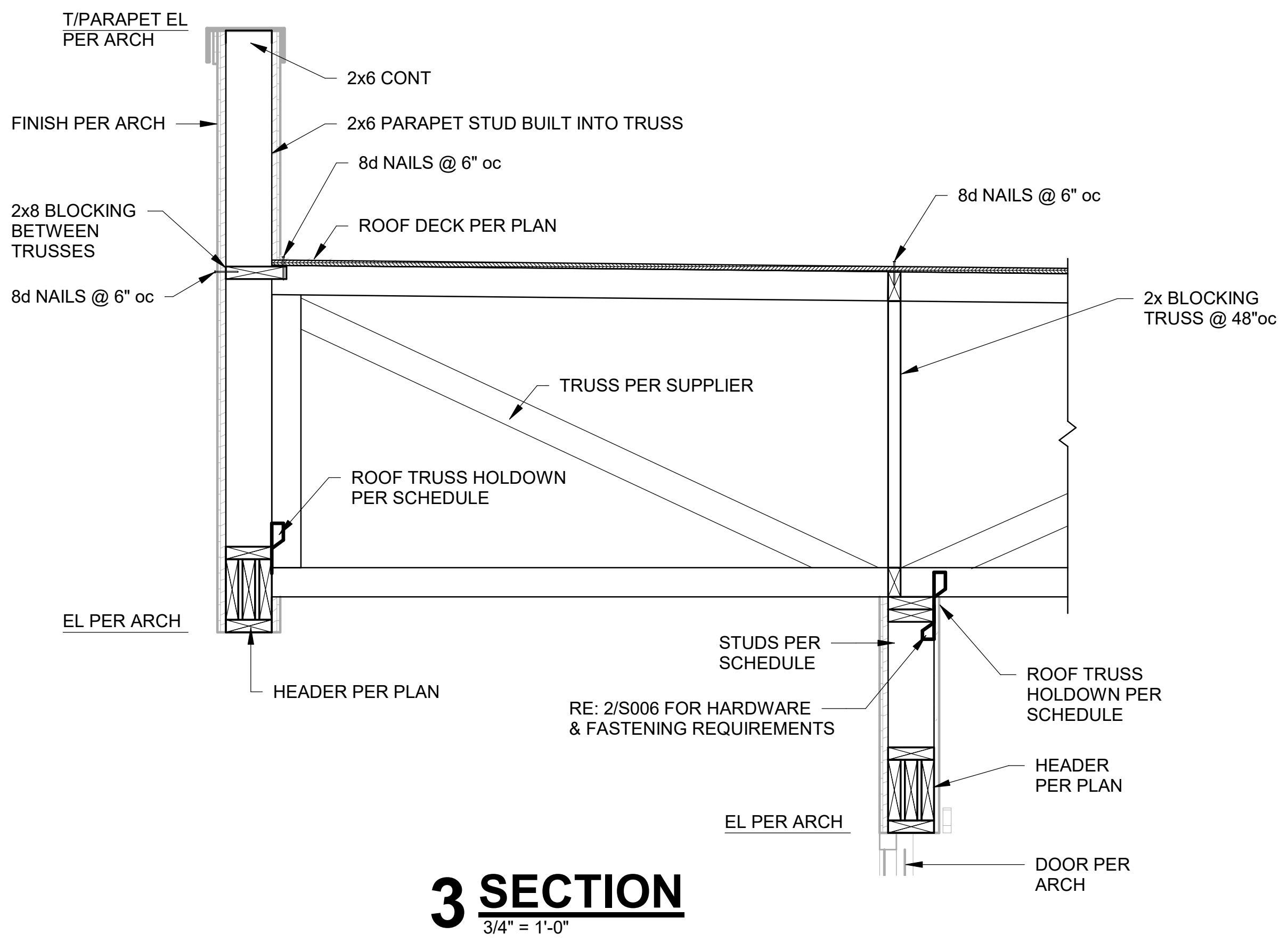
1 SECTION
3/4" = 1'-0"


2x6 CONT.
8d NAILS @ 6"oc
T/ PARAPET EL PER ARCH
ROOF DECK PER PLAN
2x8 BLOCKING BETWEEN TRUSSES
2x6 PARAPET BUILT INTO TRUSS
FINISH PER ARCH
TRUSS PER SUPPLIER
(2) 2x CONT. TOP PLATE
HOLDOWN PER ROOF TRUSS HOLDOWN SCHEDULE
RE: 2/S006 FOR HARDWARE & FASTENING REQUIREMENTS
STUDS PER SCHEDULE

1A SECTION
3/4" = 1'-0"



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

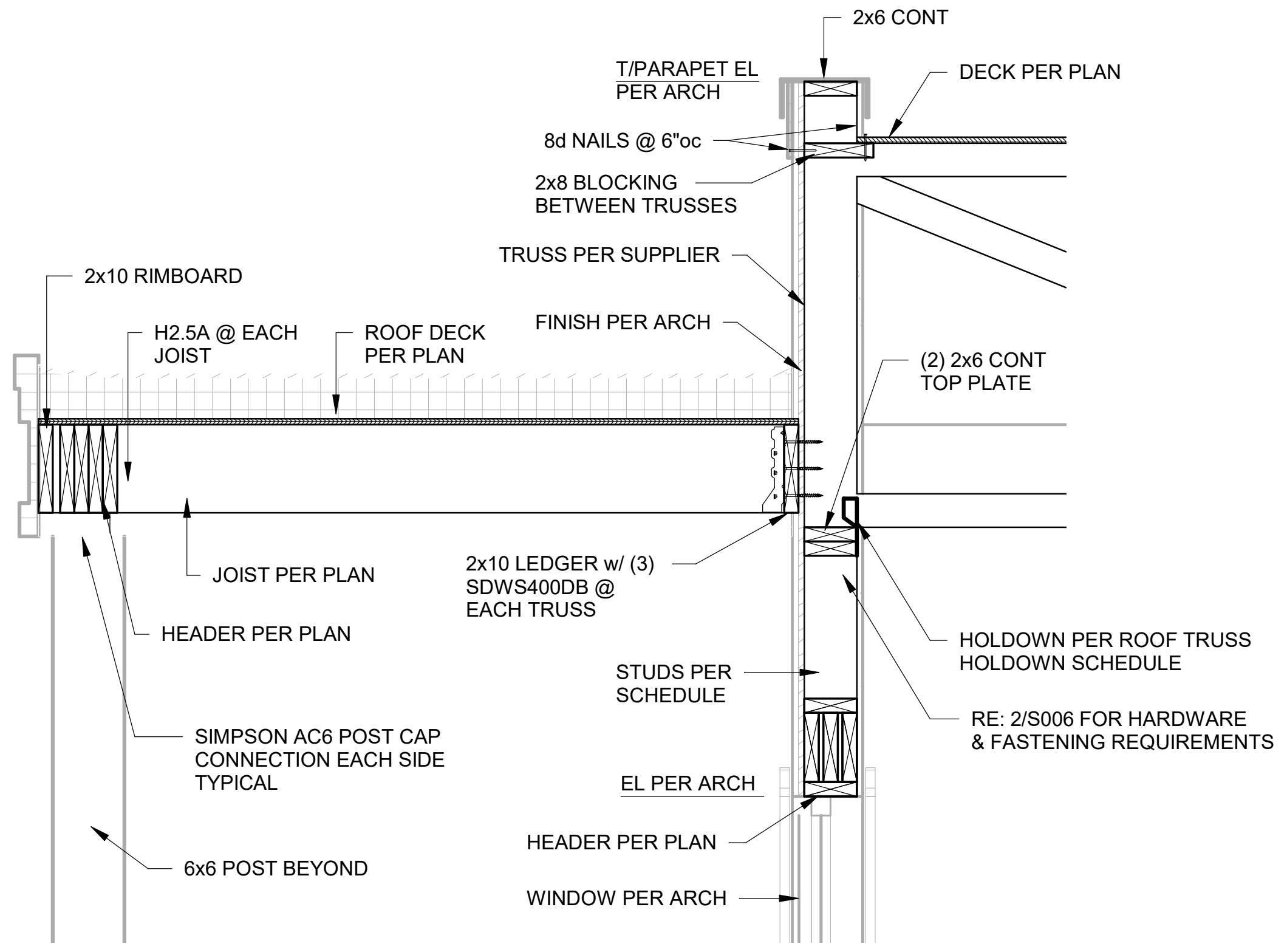


3 SECTION
3/4" = 1'-0"

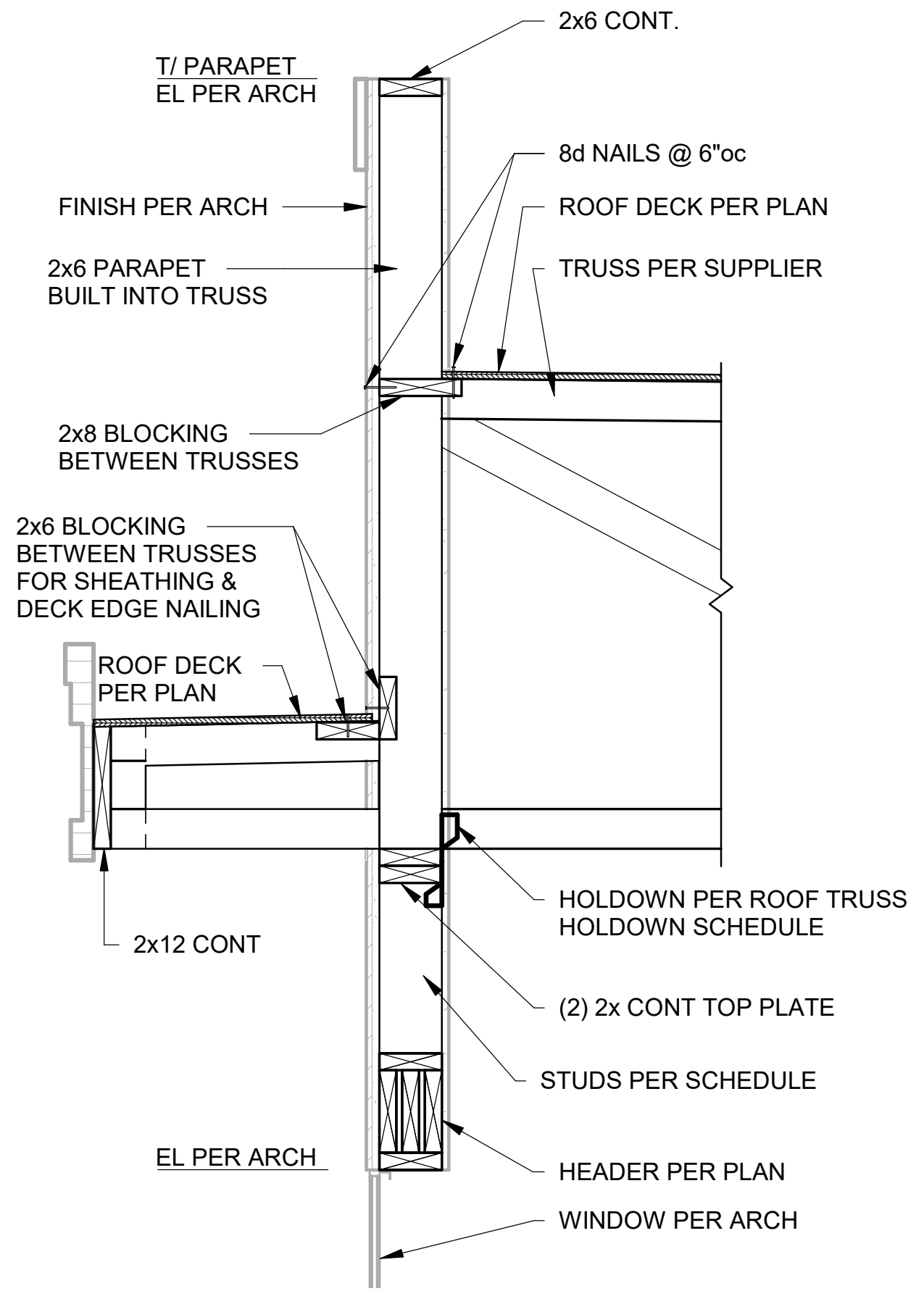
NOT USED

10

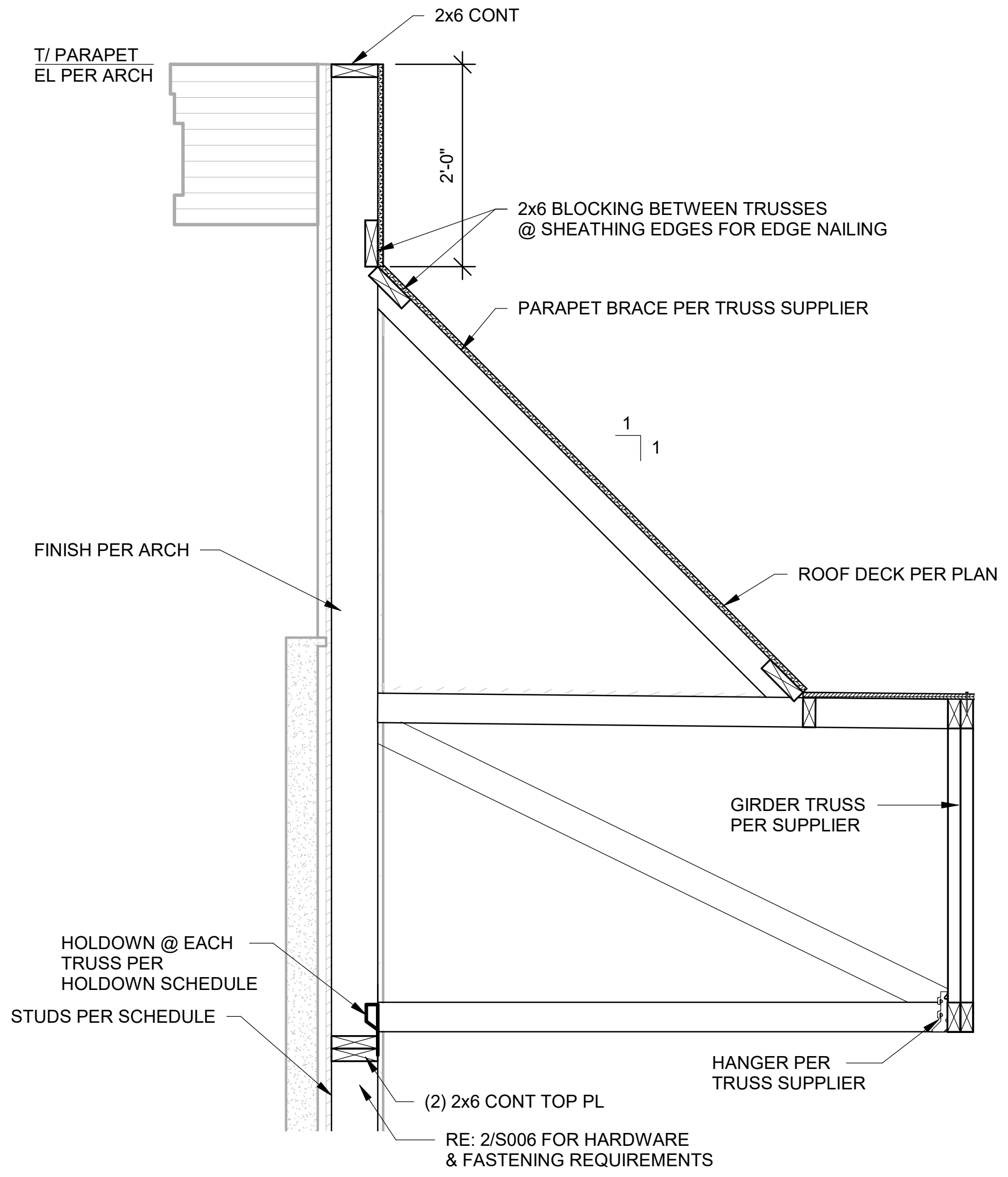
4 SECTION
3/4" = 1'-0"



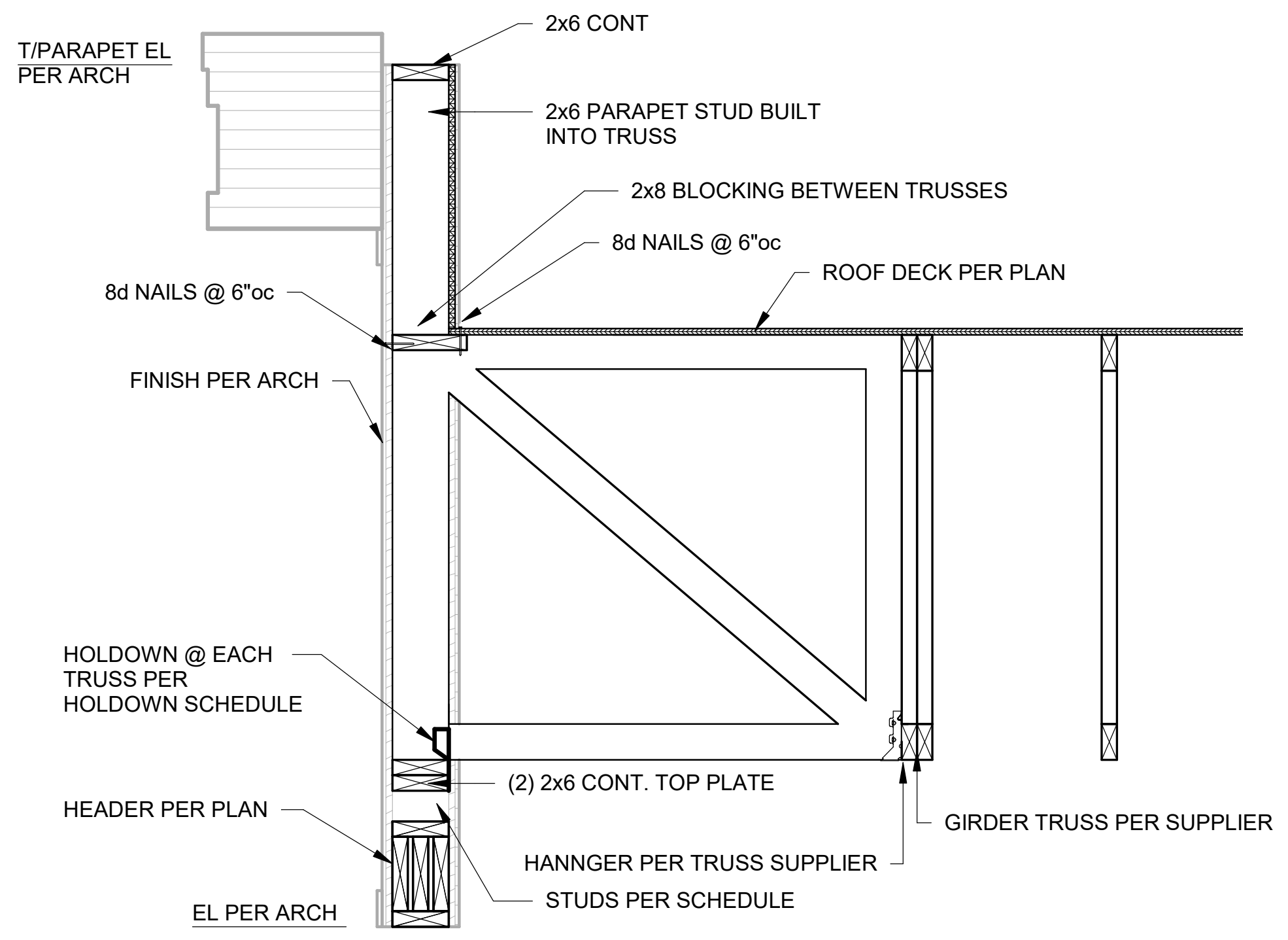
5 SECTION
3/4" = 1'-0"



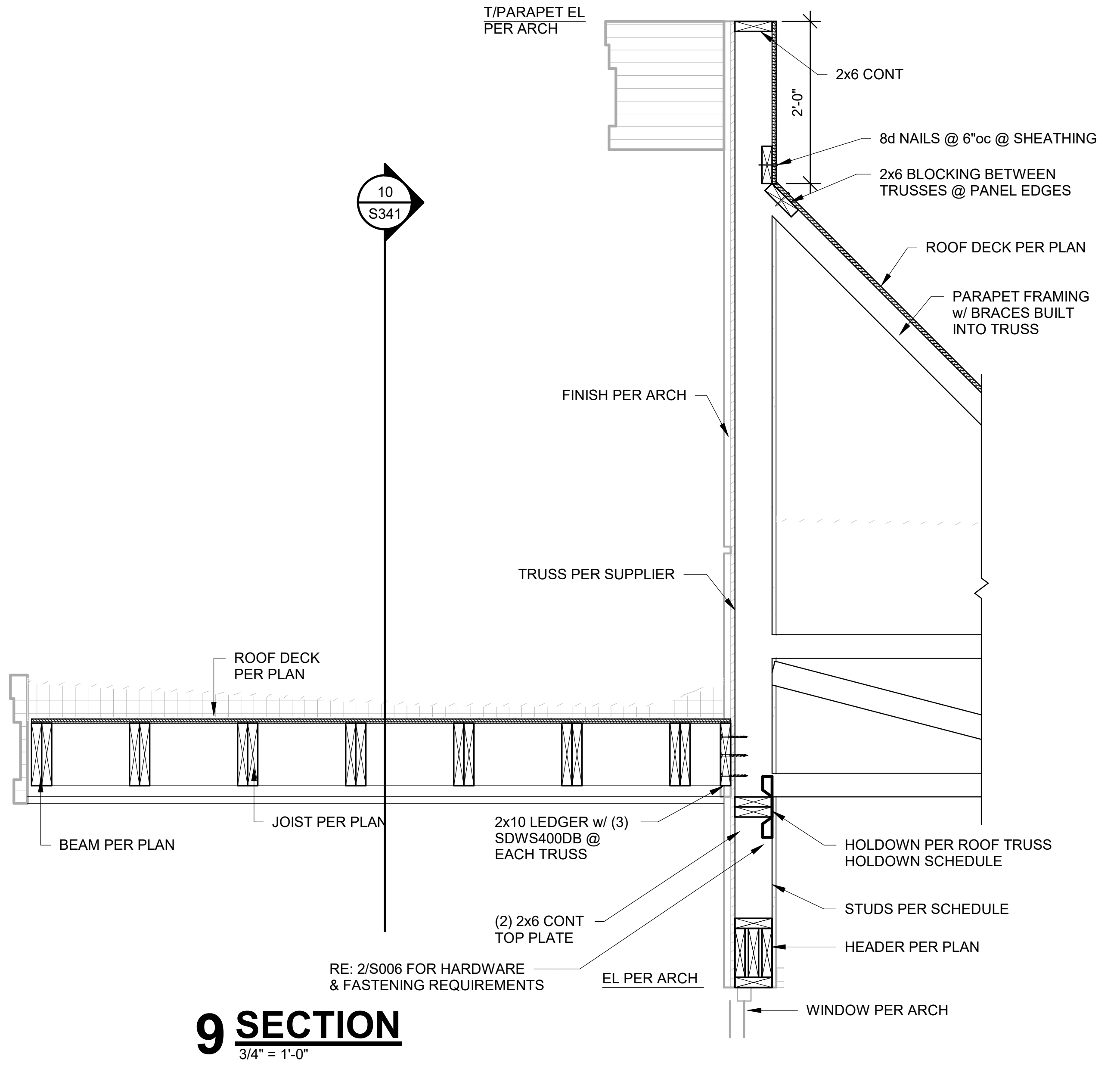
6 SECTION
3/4" = 1'-0"


2x6 CONT
T/ PARAPET EL PER ARCH
2'-0"
2x6 BLOCKING BETWEEN TRUSSES @ SHEATHING EDGES FOR EDGE NAILING
PARAPET BRACE PER TRUSS SUPPLIER
1
1
FINISH PER ARCH
ROOF DECK PER PLAN
GIRDER TRUSS PER SUPPLIER
HOLDOWN @ EACH TRUSS PER HOLDOWN SCHEDULE
STUDS PER SCHEDULE
HANGER PER TRUSS SUPPLIER
(2) 2x6 CONT TOP PL
RE: 2/S006 FOR HARDWARE & FASTENING REQUIREMENTS

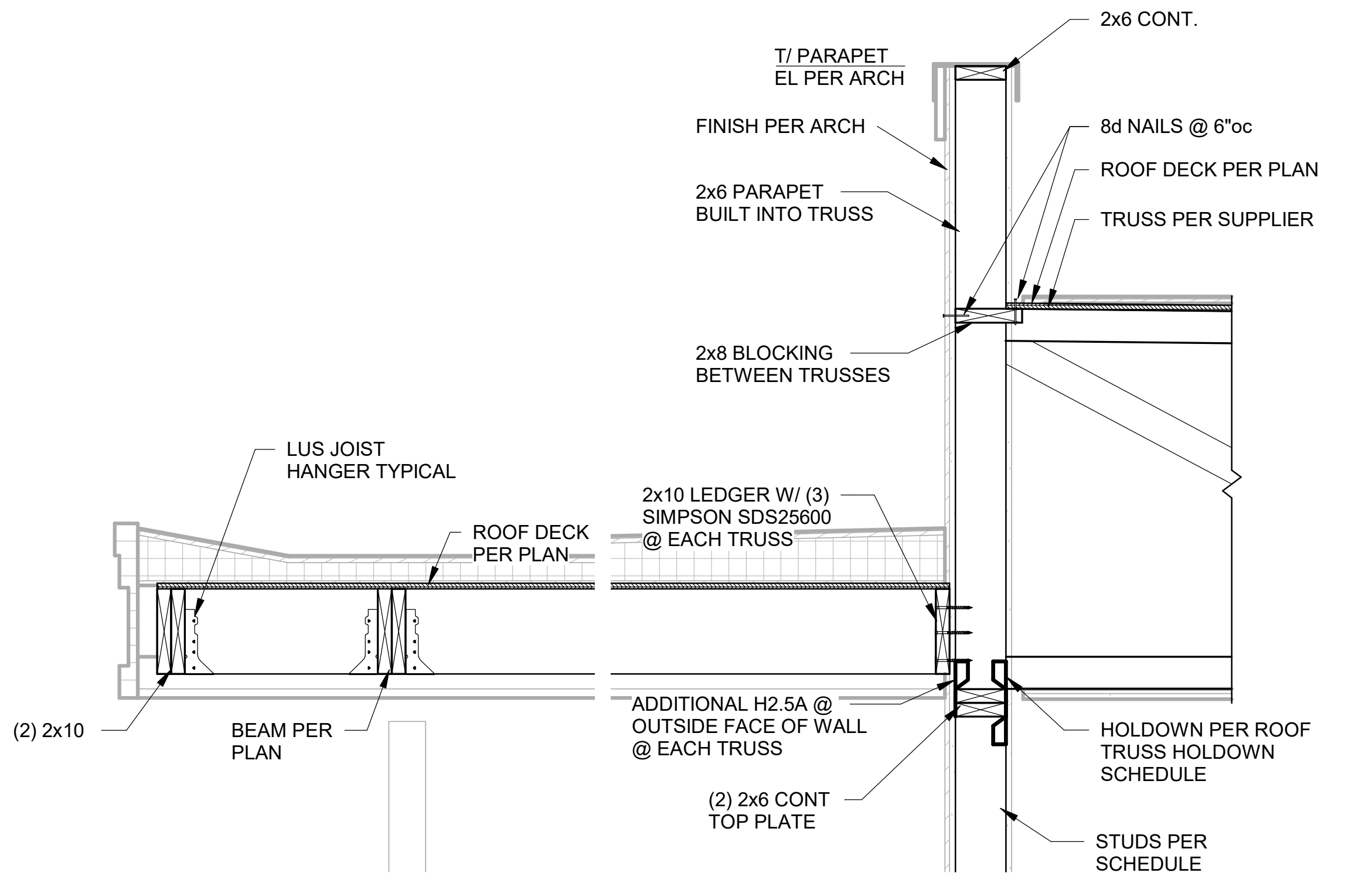
7 SECTION
3/4" = 1'-0"



8 SECTION
3/4" = 1'-0"


T/PARAPET EL PER ARCH
2x6 CONT
2'-0"
8d NAILS @ 6"oc @ SHEATHING
2x6 BLOCKING BETWEEN TRUSSES @ PANEL EDGES
10
S341
ROOF DECK PER PLAN
PARAPET FRAMING w/ BRACES BUILT INTO TRUSS
FINISH PER ARCH
TRUSS PER SUPPLIER
ROOF DECK PER PLAN
BEAM PER PLAN
JOIST PER PLAN
2x10 LEDGER w/ (3) SDWS400DB @ EACH TRUSS
HOLDOWN PER ROOF TRUSS HOLDOWN SCHEDULE
STUDS PER SCHEDULE
(2) 2x6 CONT TOP PLATE
HEADER PER PLAN
RE: 2/S006 FOR HARDWARE & FASTENING REQUIREMENTS
EL PER ARCH
WINDOW PER ARCH

9 SECTION
3/4" = 1'-0"



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

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

CLARK ANDREW BASINGER
NUMBER
PE-2010026832
7-2-2020

CLIENT
ARCHITECT
STRUCTURAL ENGINEER
CIVIL ENGINEER
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

CLIENT NAME
TR,i Architects
STRUCTURAL
CIVIL
ENGINEER
PLUMBING
ELECTRICAL

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www.triarchitects.com

DATE: 7.29.19 (SHELL PACKAGE)

REVISIONS #

10	REVISION 5	07.02.20

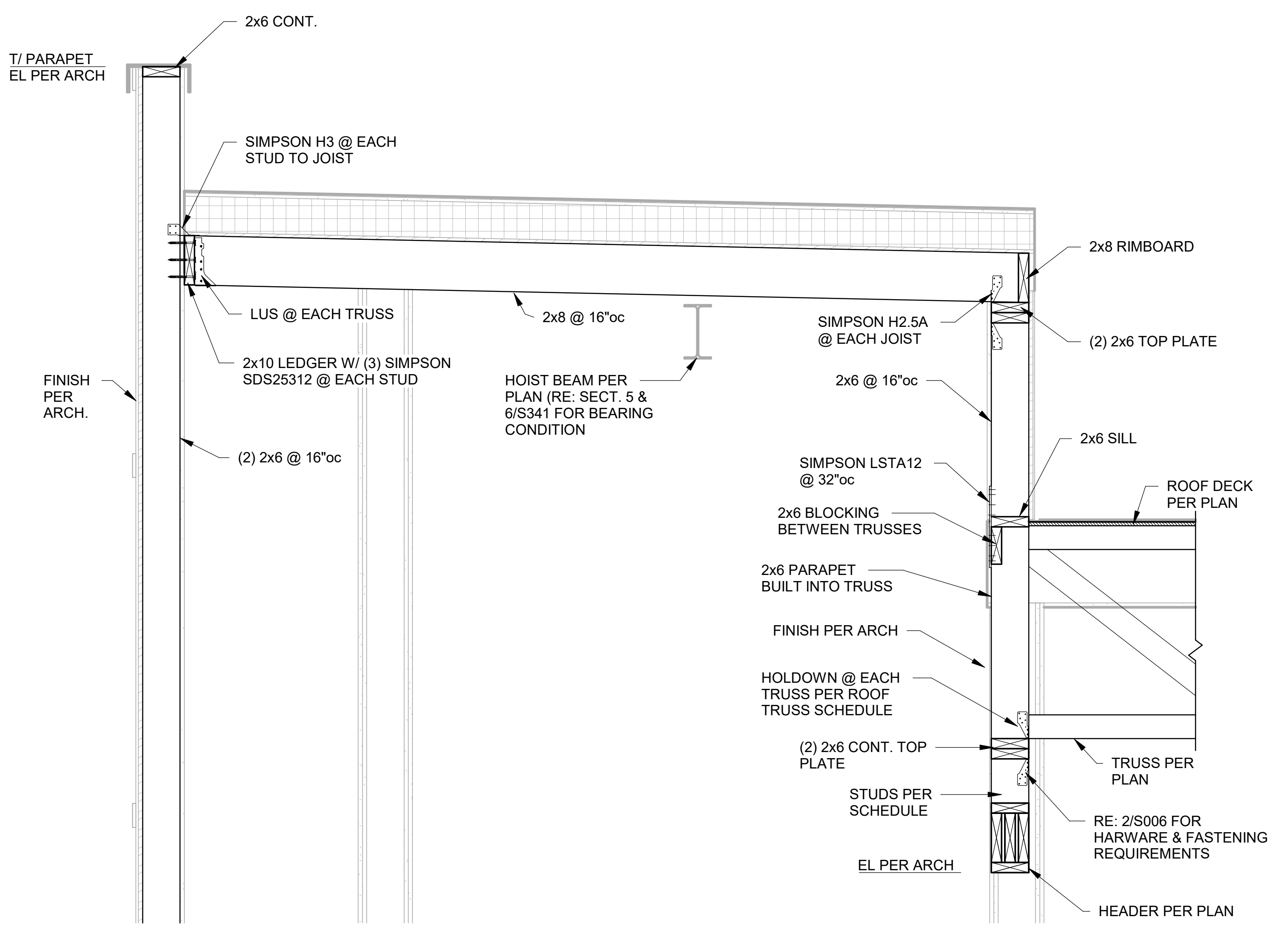
DWG BY Author

TR,i PROJECT NO. 18-046

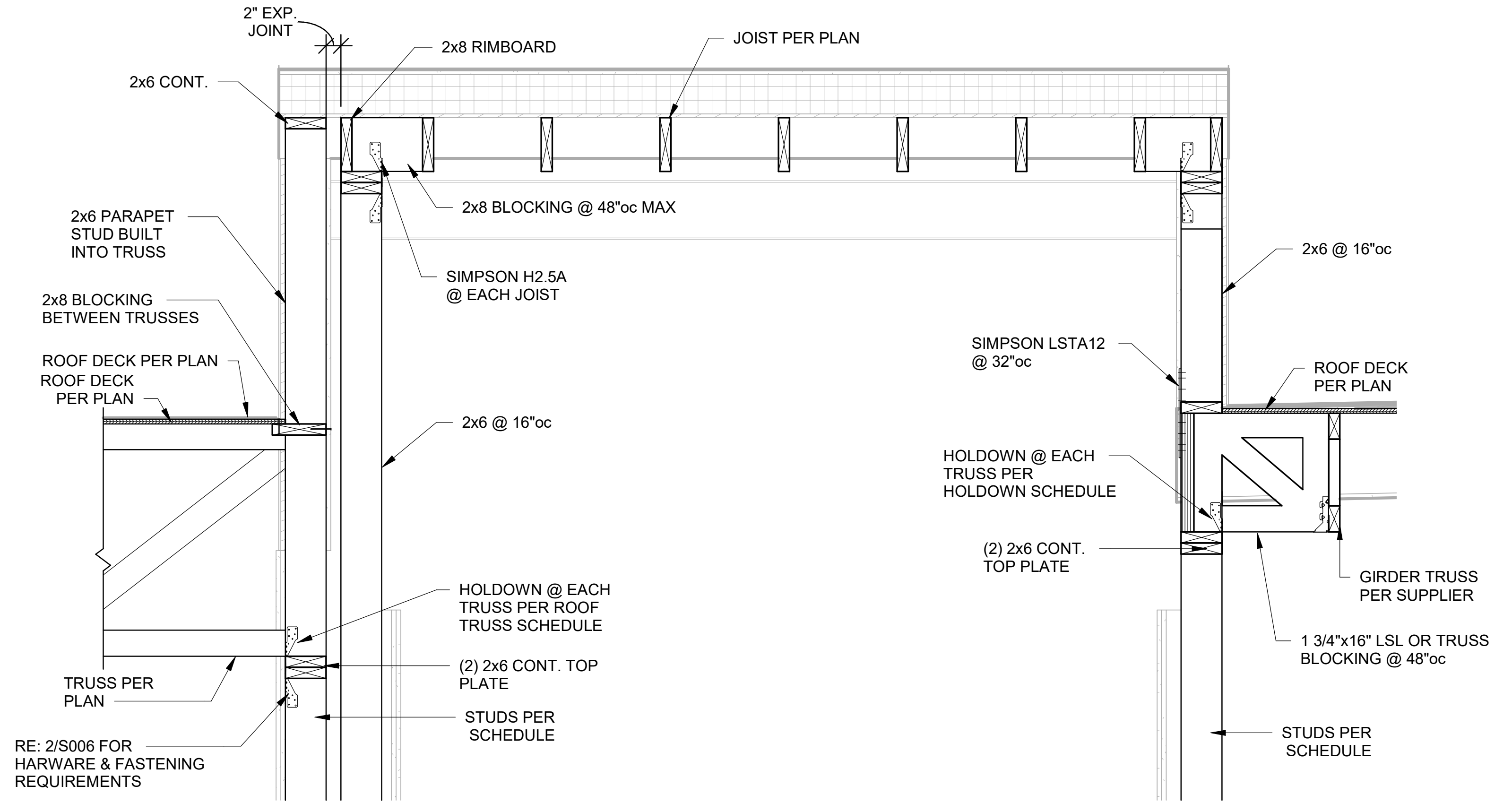
SHEET NO.

S341

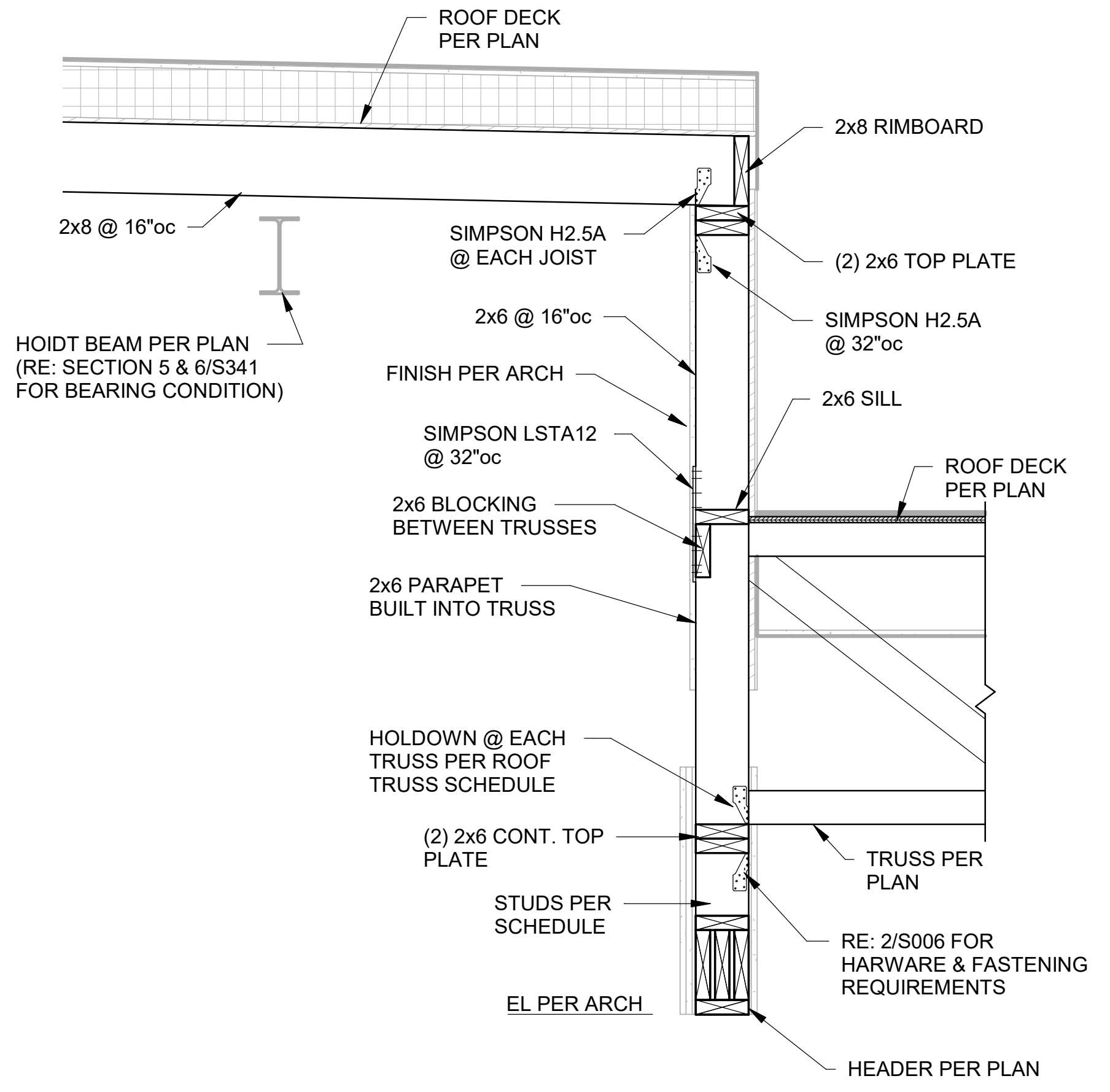
WOOD ROOF FRAMING SECTIONS



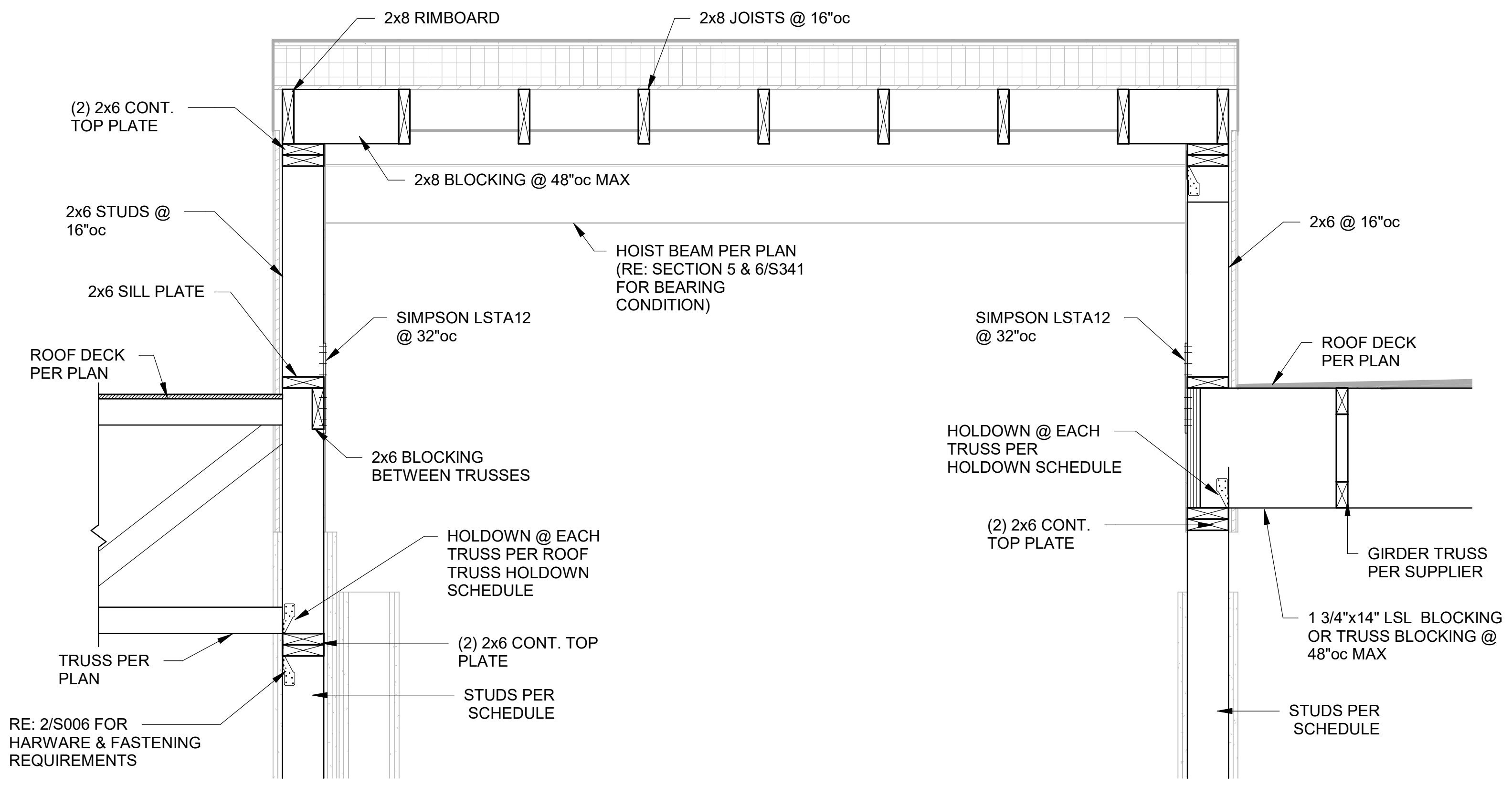
1 SECTION
3/4" = 1'-0"



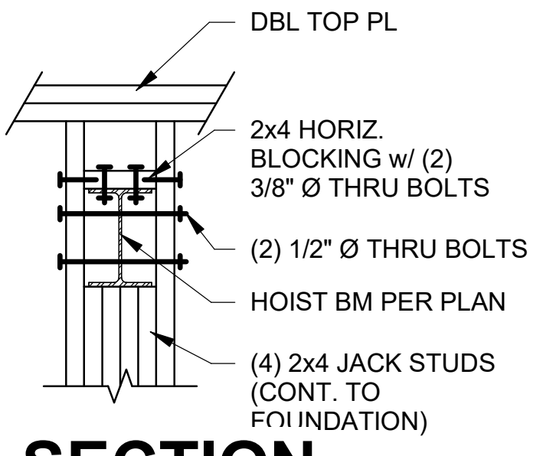
2 SECTION
3/4" = 1'-0"



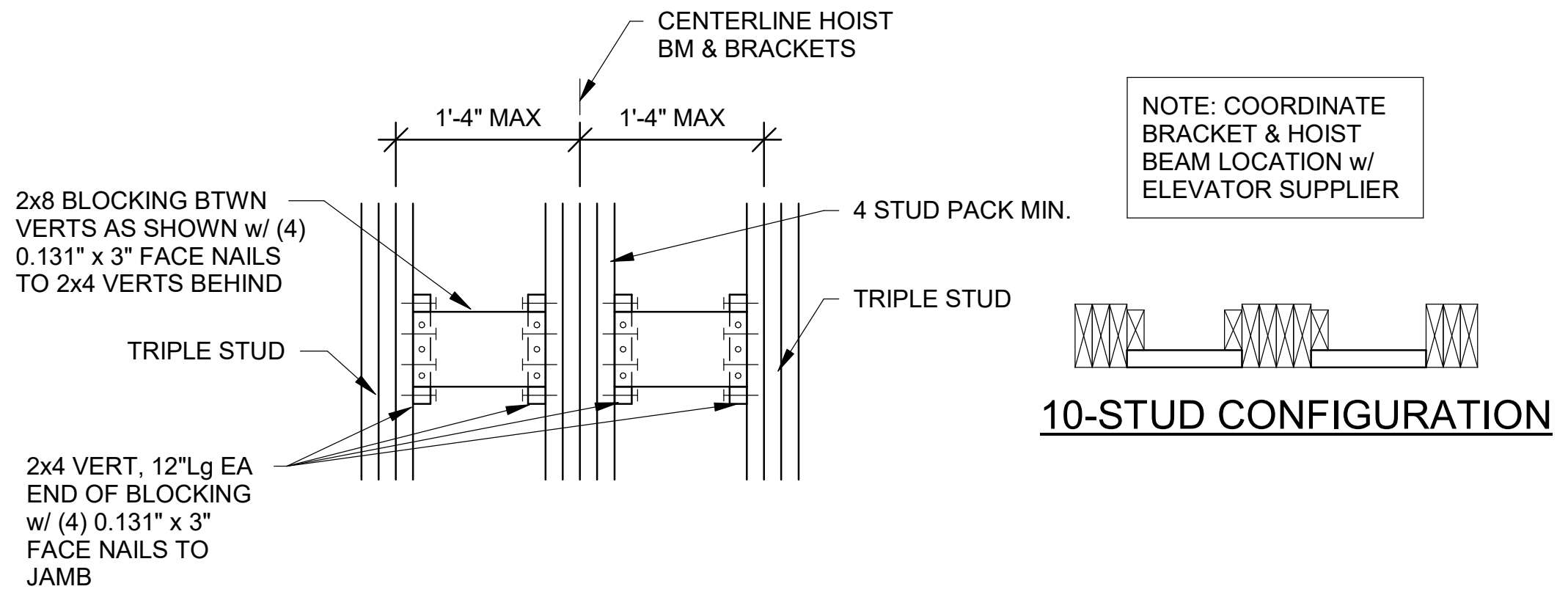
3 SECTION
3/4" = 1'-0"



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



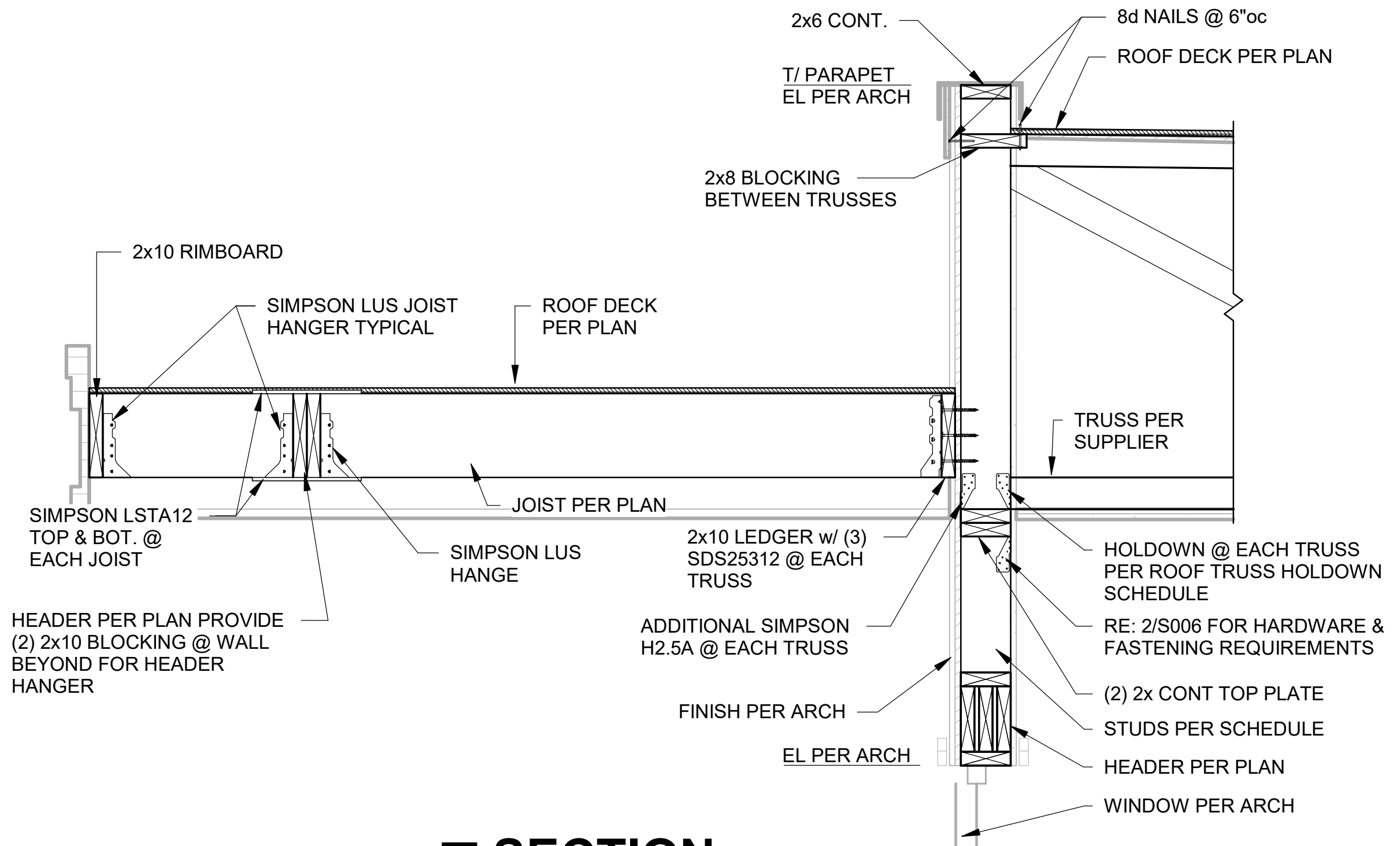
5 SECTION
3/4" = 1'-0"



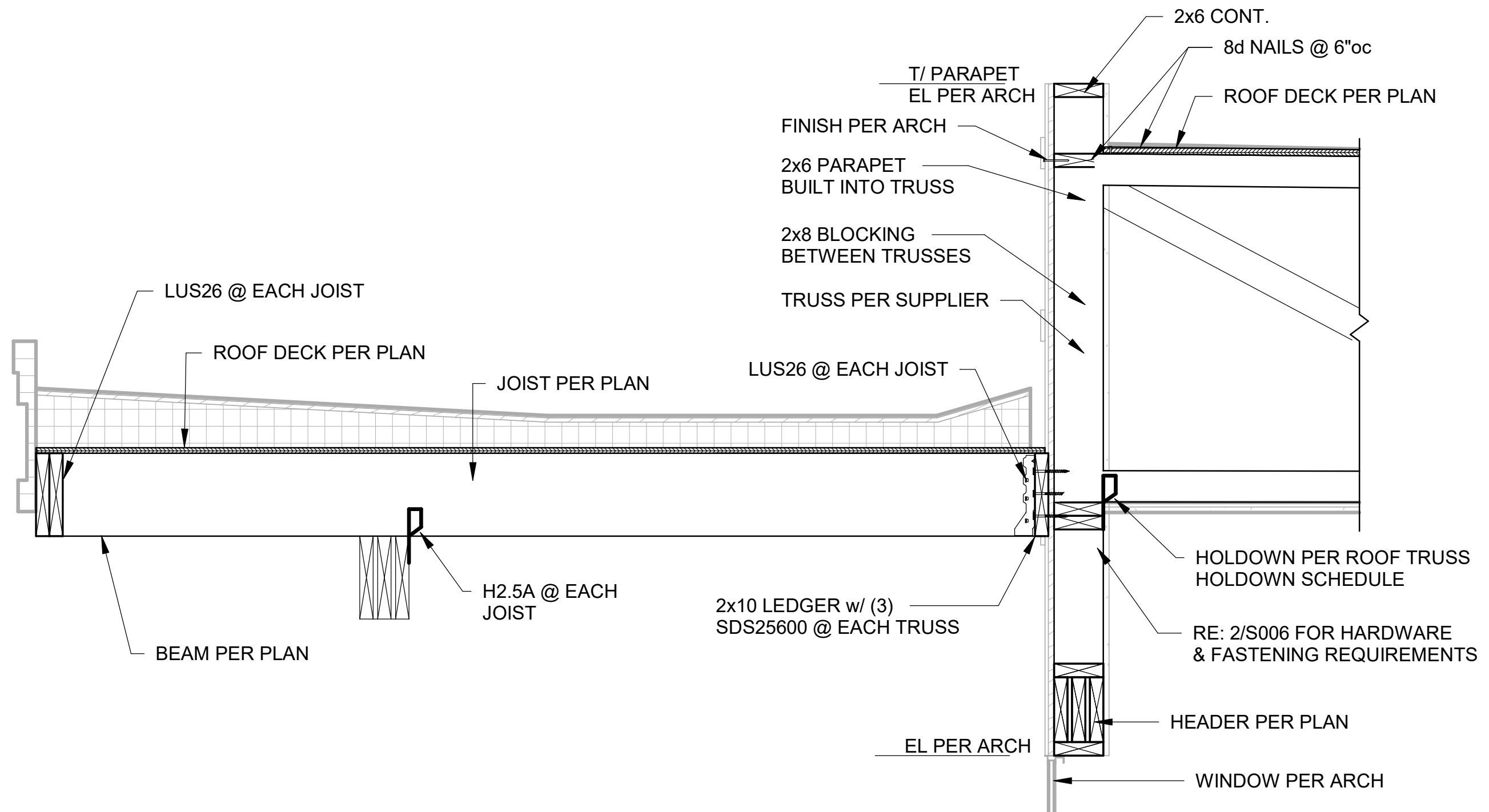
10-STUD CONFIGURATION

TYPICAL ELEVATOR RAIL BRACKET SUPPORT

6 SECTION
3/4" = 1'-0"



7 SECTION
3/4" = 1'-0"



8 SECTION
3/4" = 1'-0"
10

RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

CLARK ANDREW
BASINGER
NUMBER
PE-2010026832
7-2-2020

CLIENT	CLIENT NAME
ARCHITECT	TR,i Architects
STRUCTURAL ENGINEER	STRUCTURAL
CIVIL ENGINEER	CIVIL
MECHANICAL ENGINEER	ENGINEER
PLUMBING ENGINEER	PLUMBING
ELECTRICAL ENGINEER	ELECTRICAL

Summit at West Pryor

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www.triarchitects.com

DATE: 7.29.19 (SHELL PACKAGE)

REVISIONS #

10 REVISION 5 07.02.20

DWG BY Author

TR,i PROJECT NO. 18-046

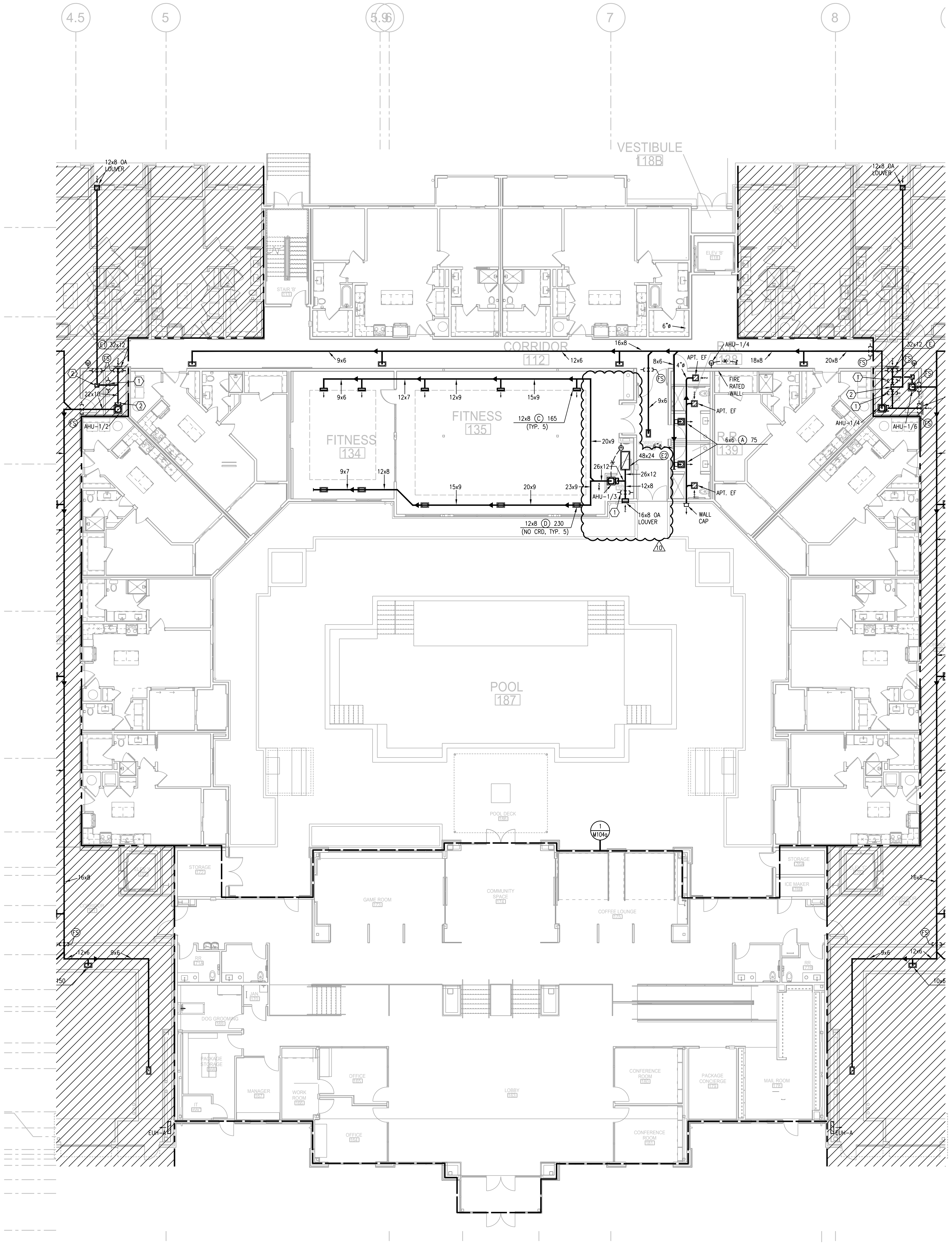
SHEET NO.

S342

WOOD ROOF FRAMING SECTIONS

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE
07-02-20



1 FIRST FLOOR PLAN - AREA C/D

3/32"=1'-0"

HVAC

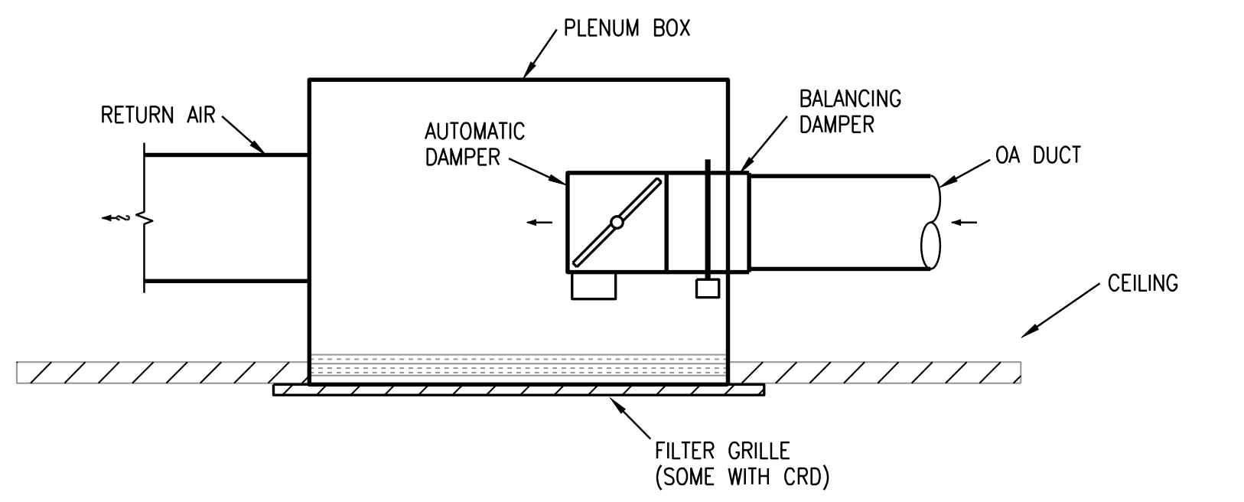
NORTH

NOTES:

1. ALL INDIVIDUAL BRANCH DUCTS ARE THE SIZE OF THE DIFFUSER NECK LISTED AND HAVE A MANUAL BALANCING DAMPER WHERE NOT INTEGRAL WITH THE DIFFUSER.
2. SEE THE ARCHITECTURAL, LIGHTING AND STRUCTURAL DRAWINGS FOR CLEARANCES.
3. MAINTAIN 3 FEET CLEARANCE FROM EXHAUST DUCTS TO BUILDING OPENINGS AND 10 FEET TO AIR INTAKES.
4. ROUTE NO DUCTS OVER ELECTRICAL EQUIPMENT.
5. FLEXIBLE DUCT LENGTHS SHALL NOT EXCEED 8 FEET AND SHALL BE AS STRAIGHT AS POSSIBLE AND NOT KINKED AT DIFFUSER OR TAKE-OFF.

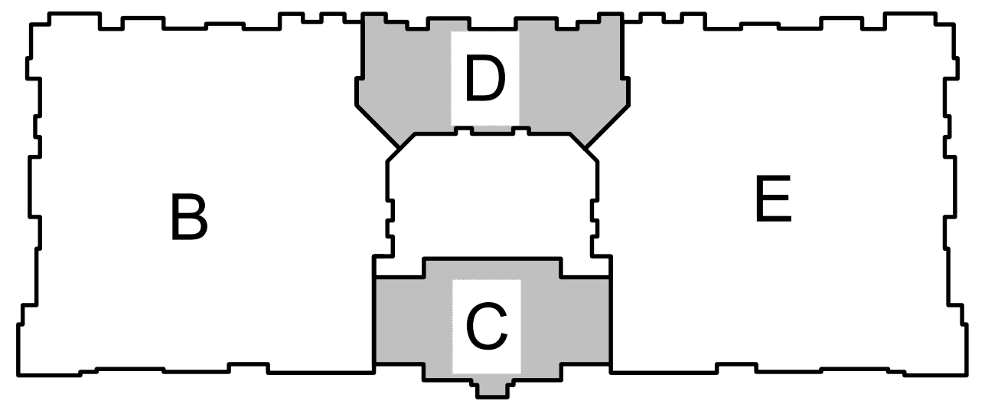
LEGEND:

1 OUTSIDE AIR CONTROL AND BALANCING DAMPER.
2 DUCT WITH CRD AT RATED MEMBRANE.
3 ROUTE COND. TO LAV TAILPIECE OR WASHER BOX.



2 RETURN PLENUM DAMPER CONTROL

NO SCALE



KEY PLAN
NO SCALE

NORTH

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl
COMPANIES

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www.triarchitects.com

DATE: 09.12.19

REVISIONS #

6	REVISION 1	12.20.19
8	REVISION 3	04.03.20
10	REVISION 5	07.02.20

LS&A
Latimer Sommers & Associates, P.A.
CONSULTING ENGINEERS
3639 SW Summerfield Drive, Suite A
Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com
LSA PROJECT NO. 1904023

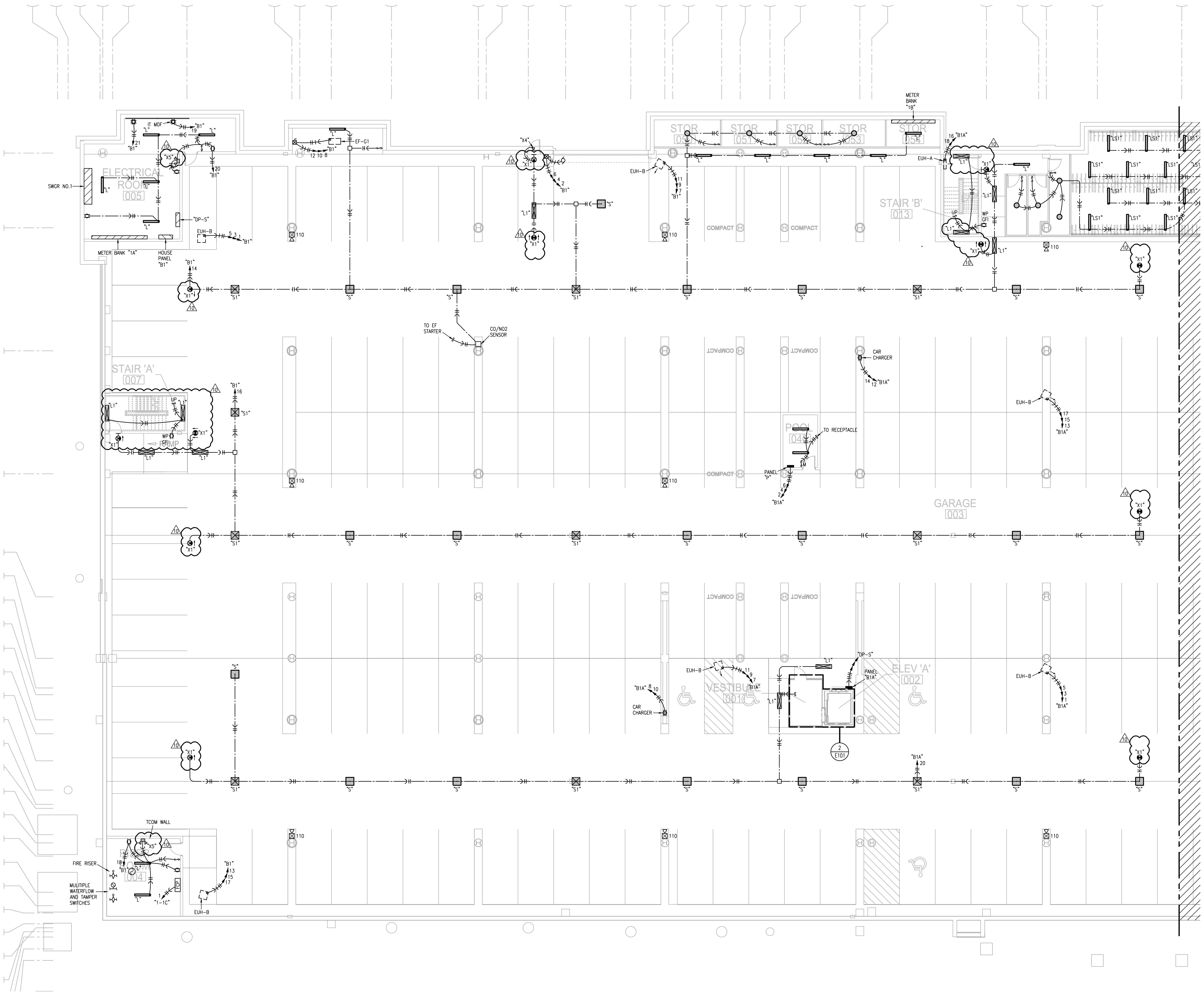
DWG BY RRB

TR,i PROJECT NO. 18-046

SHEET NO.

M104

FIRST FLOOR PLAN - AREA C/D - HVAC

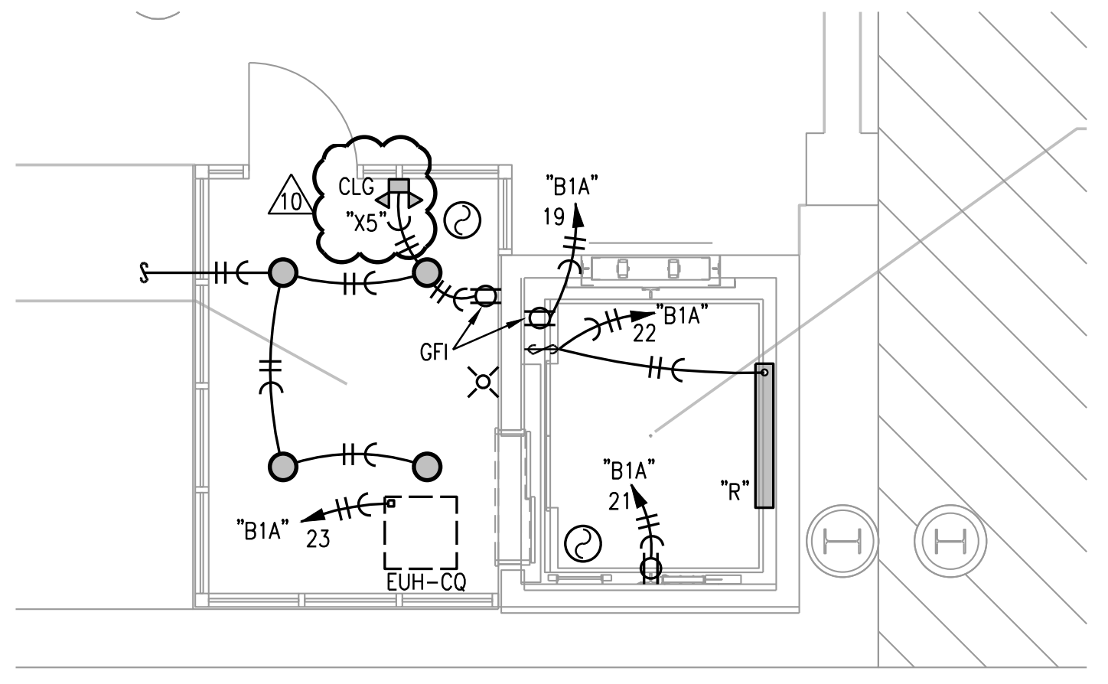


1 PARTIAL GARAGE PLAN

3/32"=1'-0"

ELECTRICAL

NORTH



2 PARTIAL GARAGE PLAN
TYP. ELEVATOR PIT/LOBBY

3/16"=1'-0"

ELECTRICAL

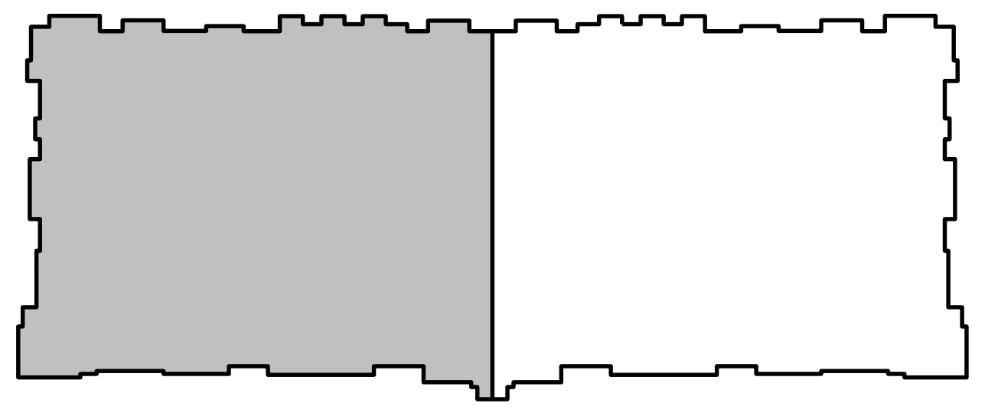
NORTH

NOTES:

1. ALL ○ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊔ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
9. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

⟨1⟩ TO LIGHTING CONTROL PANEL.



KEY PLAN

NO SCALE

NORTH

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE
07-02-20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl
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FAX: (785) 233-0647
Email: lsapa@lsapa.com
LSA PROJECT NO. 1904023

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www.triarchitects.com

DATE: 09.12.19

REVISIONS #

1	PERMIT COMMENTS	09.06.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	04.03.20
10	REVISION 5	07.02.20

DWG BY RRB

TR,i PROJECT NO. 18-046

SHEET NO.

E101

PARTIAL GARAGE PLAN - ELECTRICAL

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

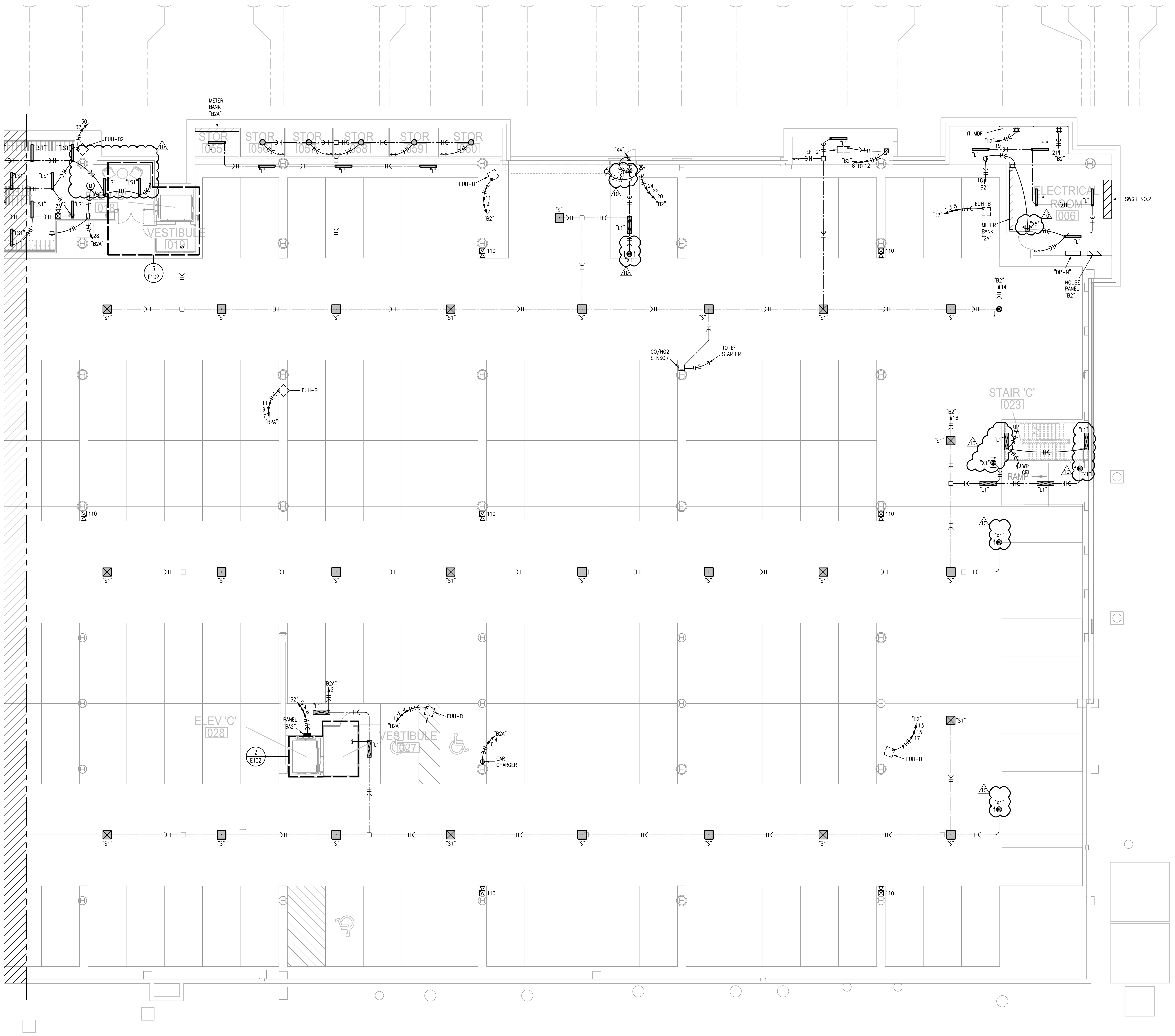
RICHARD R. BEARDMORE
07-02-20

NOTES:

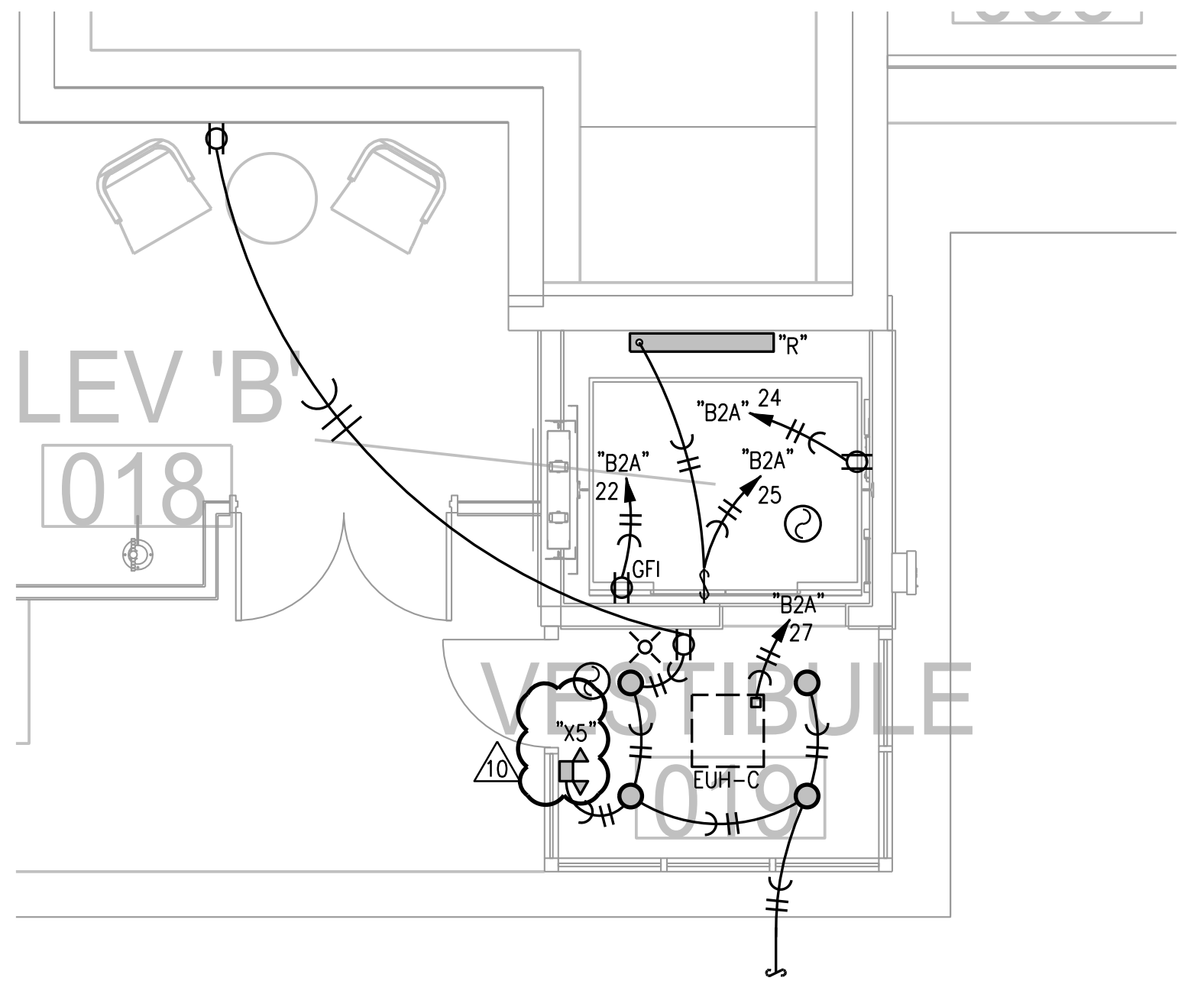
1. ALL ○ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊔ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
9. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

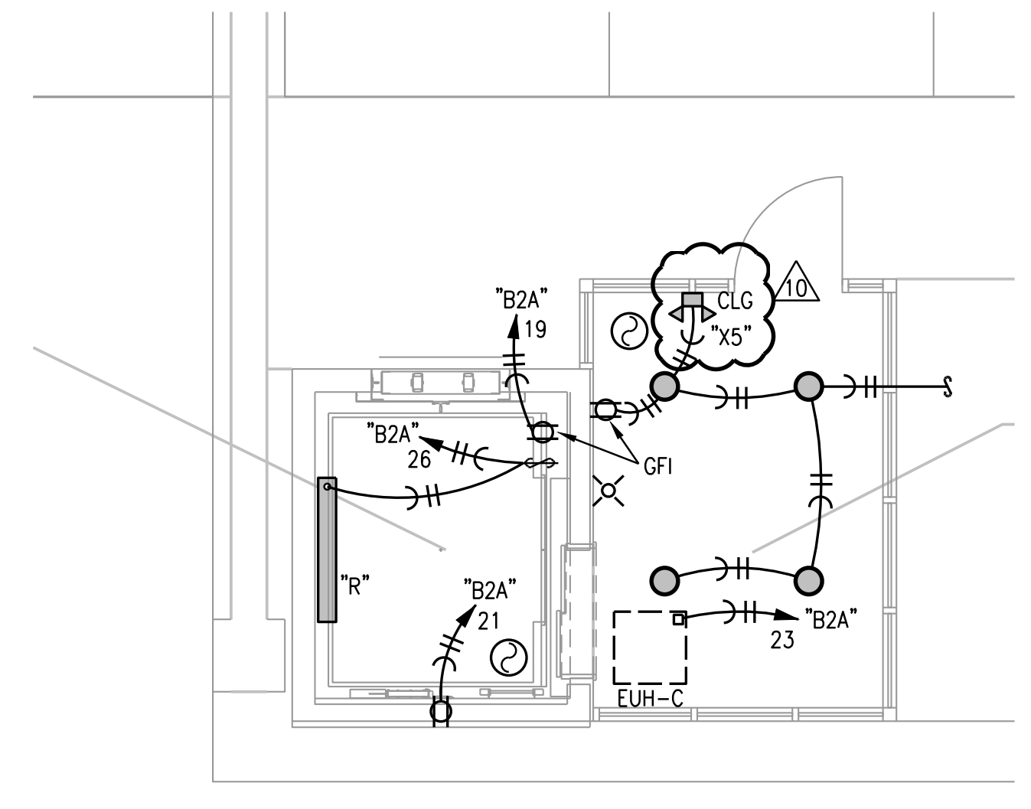
⟨1⟩ TO LIGHTING CONTROL PANEL.



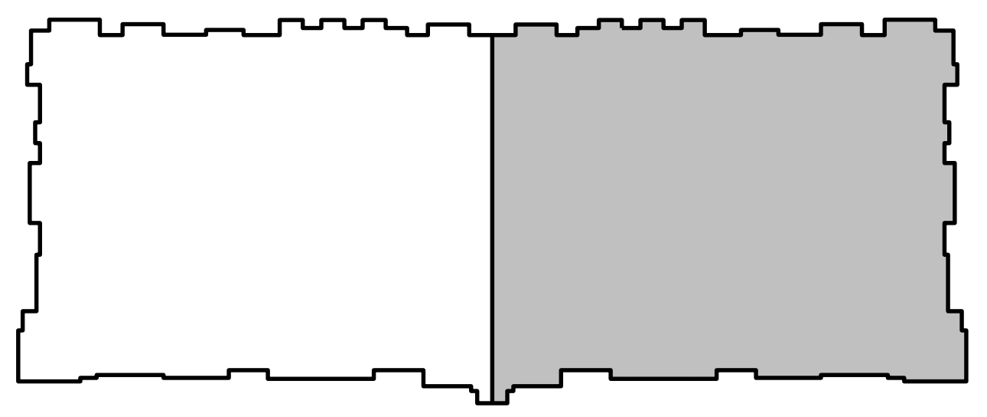
1 PARTIAL GARAGE PLAN
3/32"=1'-0"
ELECTRICAL
NORTH



3 PARTIAL GARAGE PLAN TYP. ELEVATOR PIT/LOBBY
3/16"=1'-0"
ELECTRICAL
NORTH



2 PARTIAL GARAGE PLAN TYP. ELEVATOR PIT/LOBBY
3/16"=1'-0"
ELECTRICAL
NORTH



KEY PLAN
NO SCALE
NORTH

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl COMPANIES

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F: 314-395-9751
www.triarchitects.com

DATE: 09.12.19

REVISIONS #

1	PERMIT COMMENTS	09.06.19
6	REVISION 1	12.20.19
7	REVISION 2	1.24.20
8	REVISION 3	04.03.20
10	REVISION 5	07.02.20

LS&A
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Topeka, Kansas 66614-3974
Telephone: (785) 233-3232
FAX: (785) 233-0647
Email: lsapa@lsapa.com
LSA PROJECT NO. 1904023

DWG BY RRB

TR,i PROJECT NO. 18-046

SHEET NO.

E102

PARTIAL GARAGE PLAN
- ELECTRICAL

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

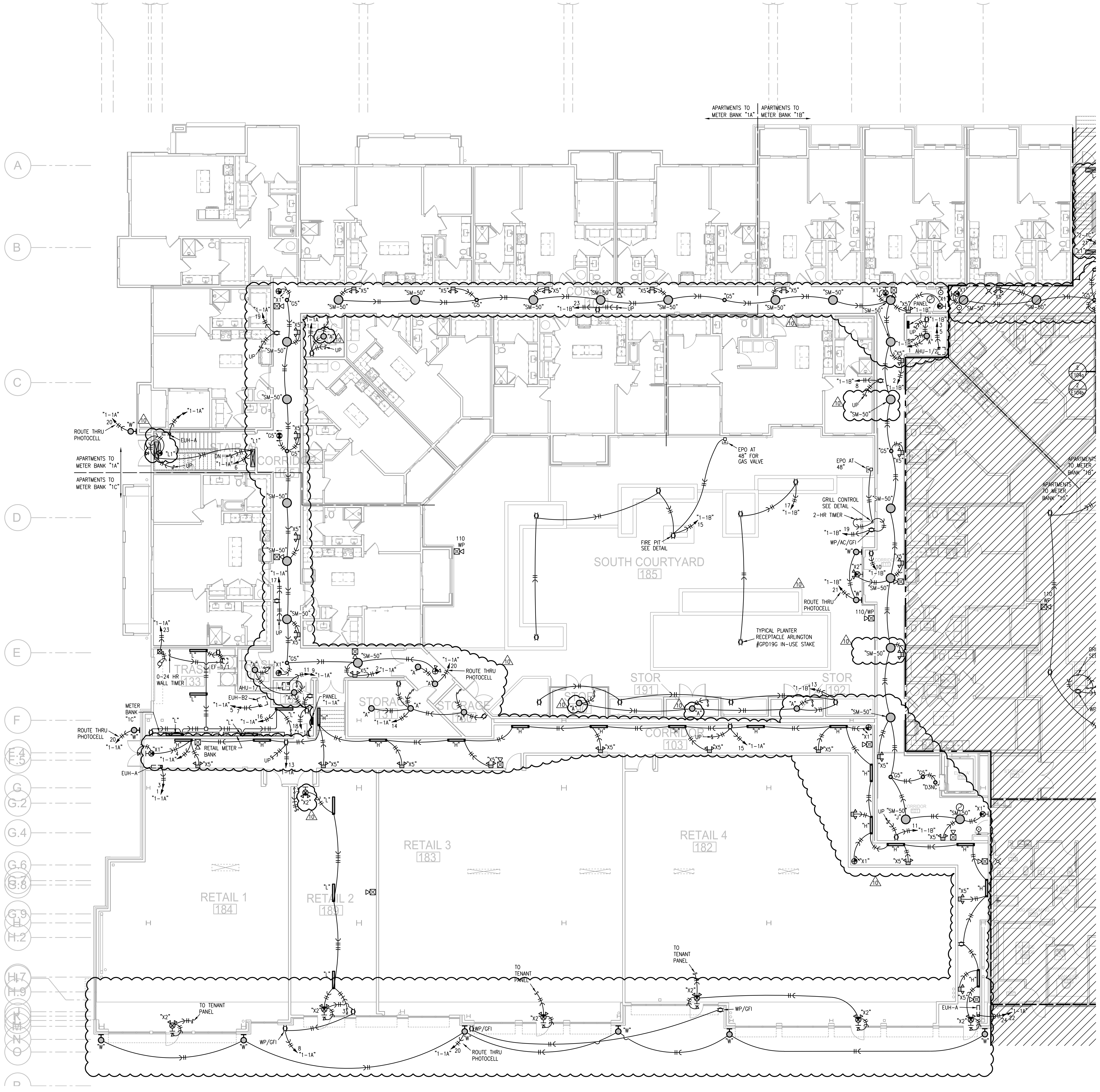
RICHARD R. BEARDMORE
07-02-20

NOTES:

1. ALL ○ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊔ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
9. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

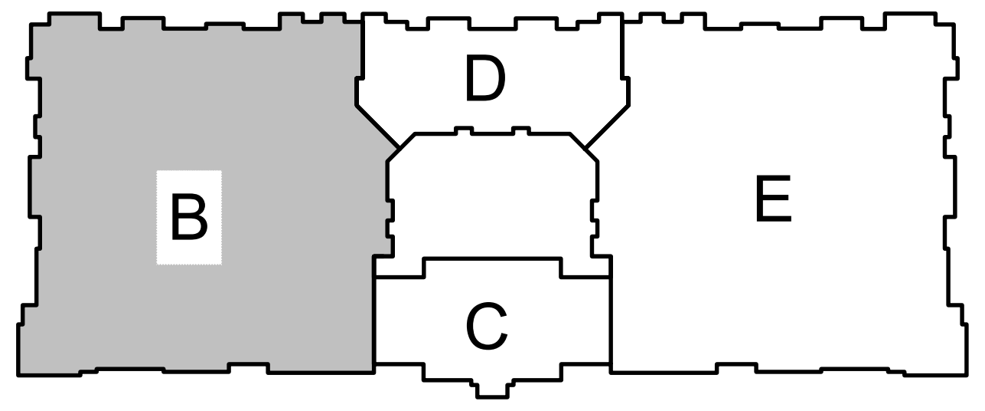
LEGEND:

⟨1⟩ TO LIGHTING CONTROL PANEL.



1 FIRST FLOOR PLAN - AREA B

3/32"=1'-0"
ELECTRICAL
NORTH



KEY PLAN

NO SCALE
NORTH

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9	REVISION 4	04.24.20
10	REVISION 5	07.02.20

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TR,i PROJECT NO. 18-046

SHEET NO.

E103

FIRST FLOOR PLAN - AREA B - ELECTRICAL

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE
07-02-20

NOTES:

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LEGEND:

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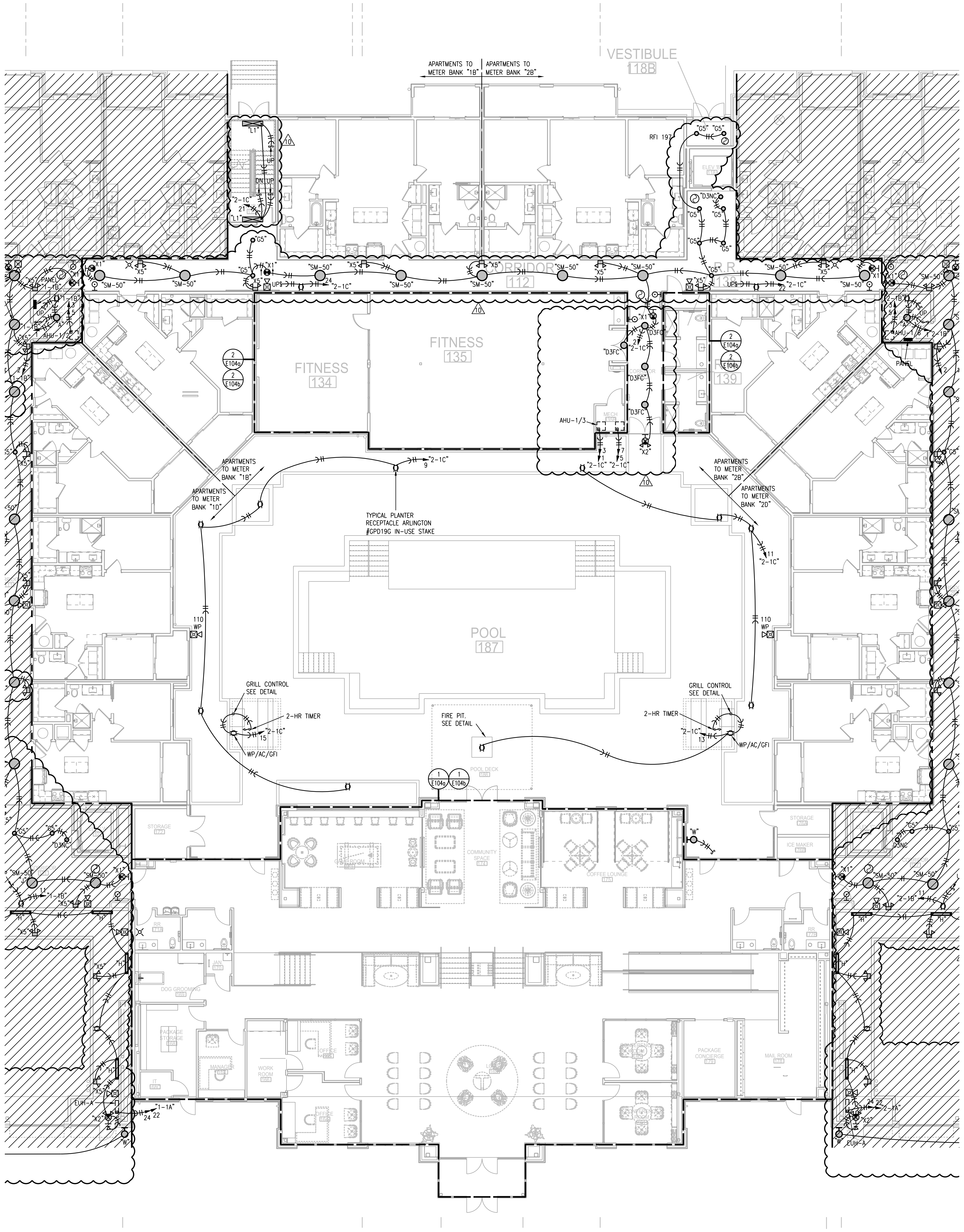
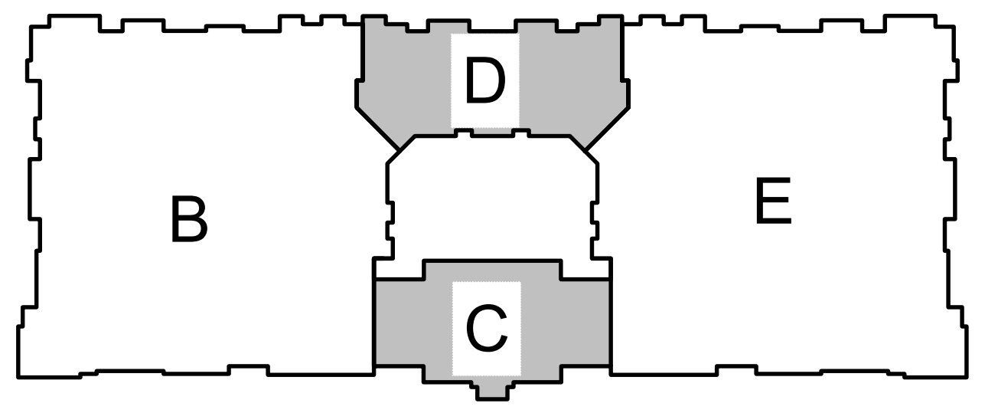


1 FIRST FLOOR PLAN - AREA C/D

3/32"=1'-0"
POWER
NORTH



KEY PLAN
NO SCALE
NORTH

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ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

Pearl
COMPANIES

Summit at West Pryor

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www.triarchitects.com

DATE: 09.12.19

REVISIONS △#

△6	REVISION 1	12.20.19
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△9	REVISION 4	04.24.20
△10	REVISION 5	07.02.20

DWG BY RRB

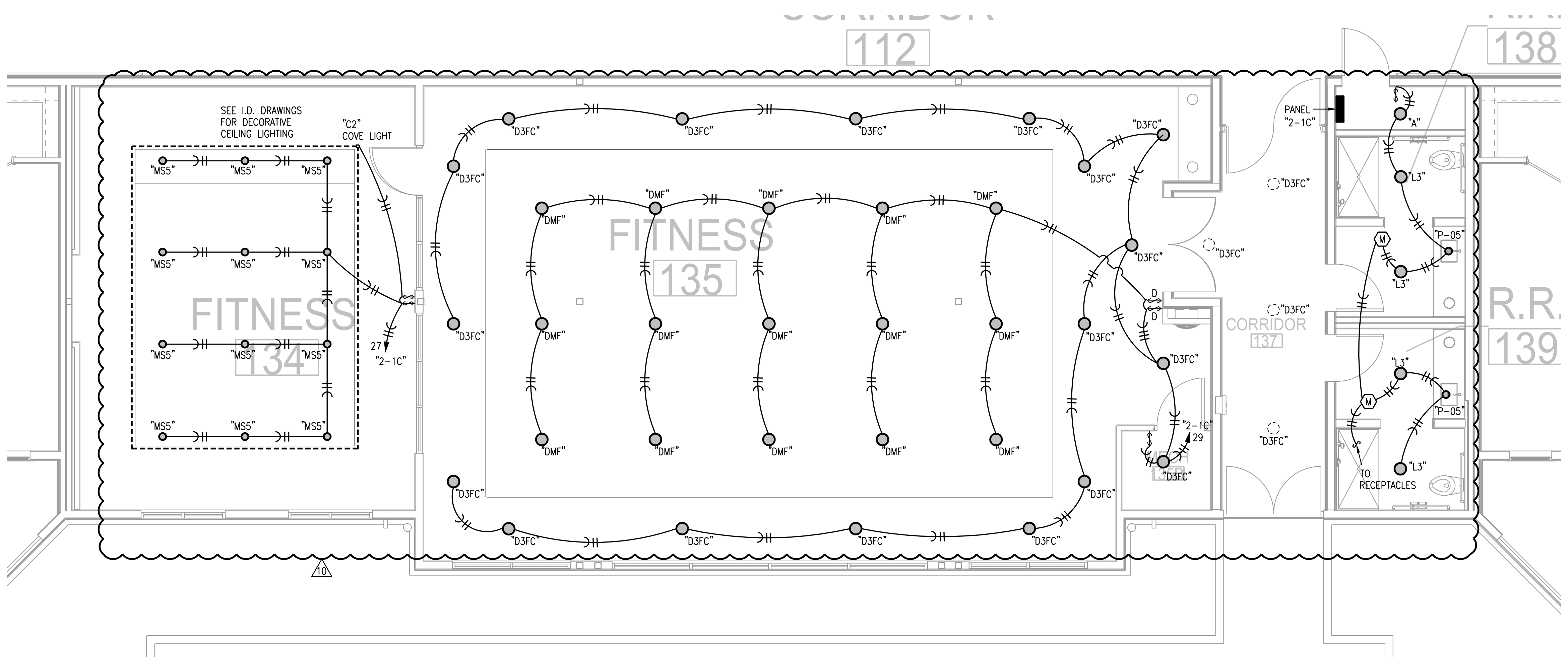
TR,i PROJECT NO. 18-046

SHEET NO.

E104

FIRST FLOOR PLAN - AREA C/D - ELECTRICAL

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020



2 PARTIAL FIRST FLOOR PLAN - AREA D
3/16"=1'-0"
LIGHTING
NORTH

NOTES:

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LEGEND:

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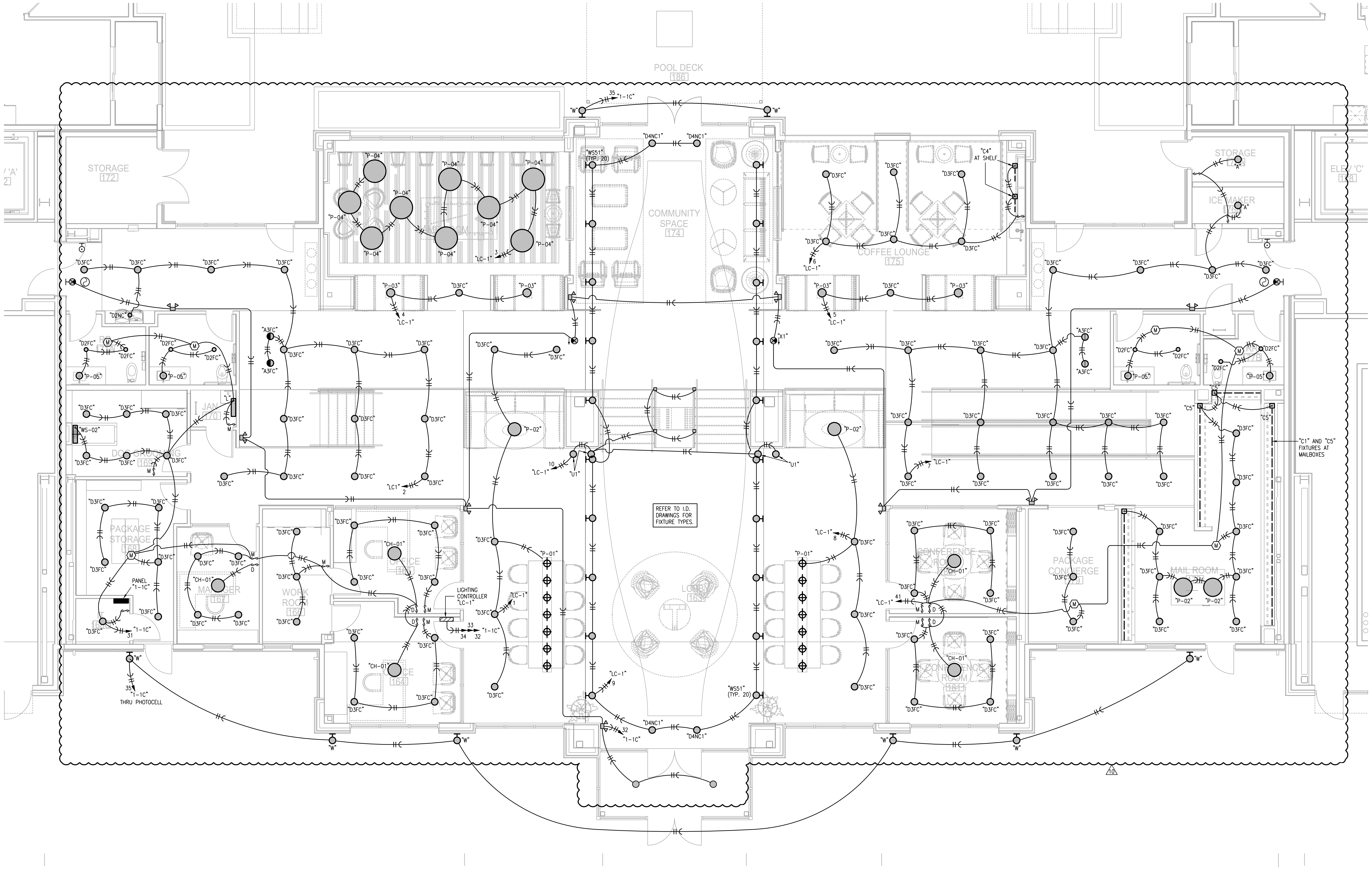
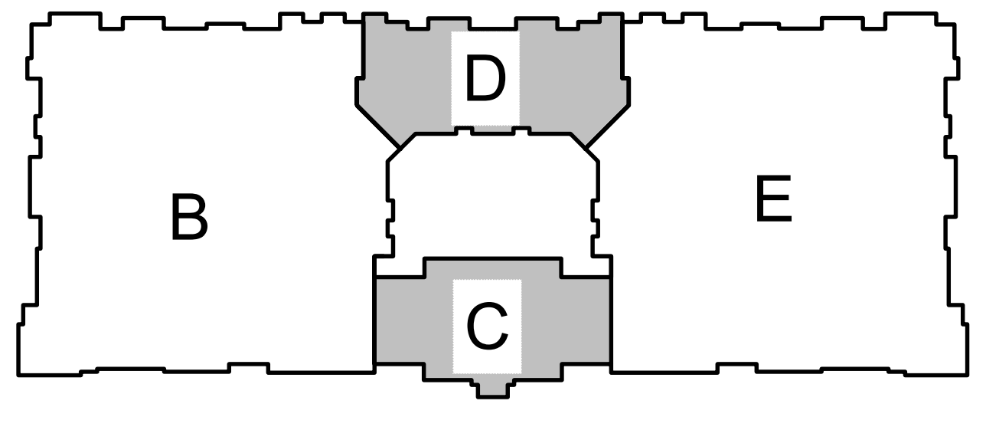


1 FIRST FLOOR PLAN - AREA C
3/16"=1'-0"
ELECTRICAL
NORTH



KEY PLAN
NO SCALE
NORTH

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LSA PROJECT NO. 1904023

RICHARD R. BEARDMORE
07-02-20

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RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

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DATE: 09.12.19

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10	REVISION 5	07.02.20

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TR,i PROJECT NO. 18-046

SHEET NO.

E104a

FIRST FLOOR PLAN - AREA D - LIGHTING

NOTES:

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2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
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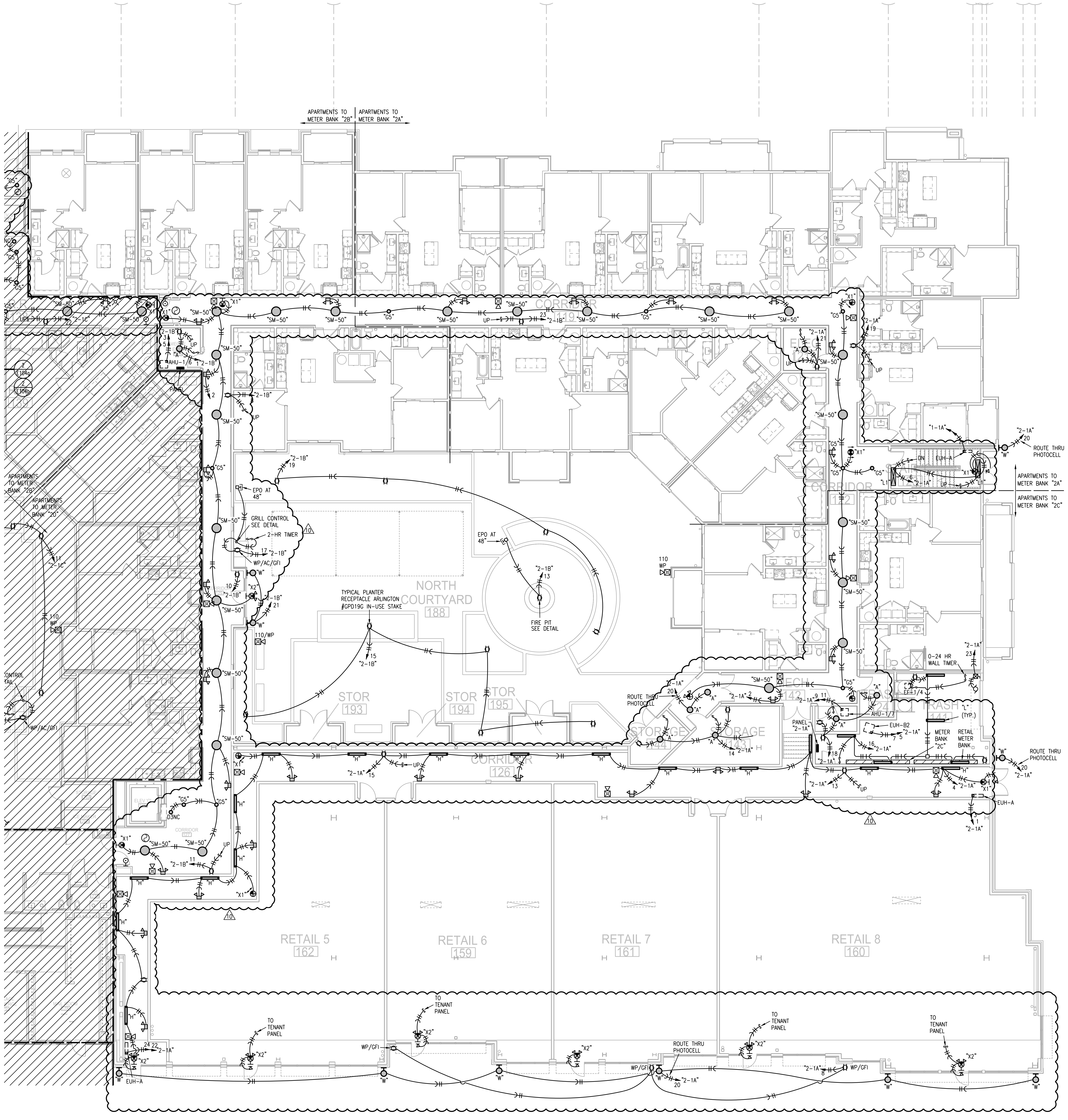
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

⟨1⟩ TO LIGHTING CONTROL PANEL.

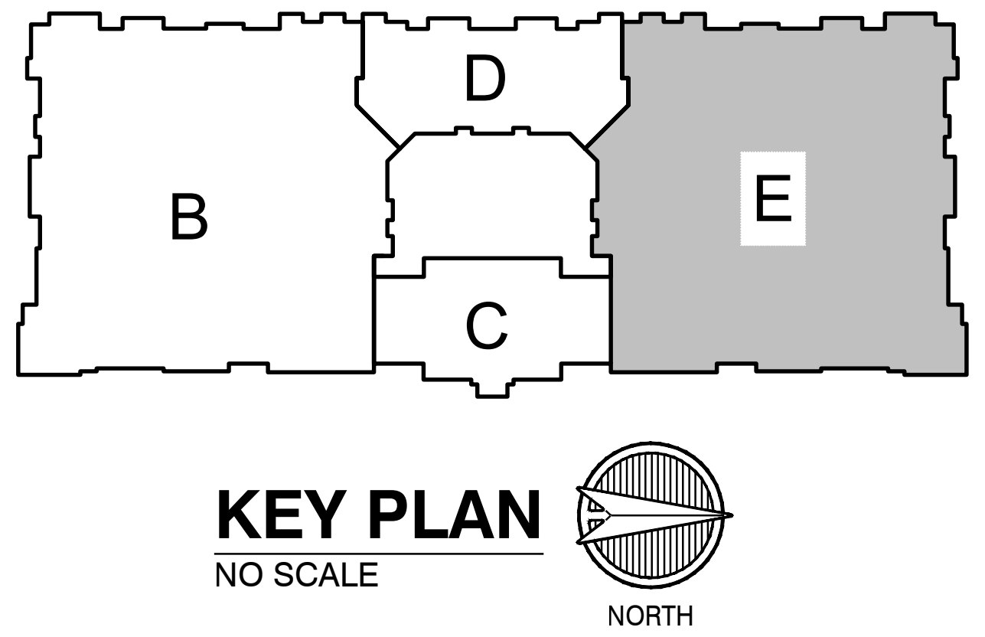


1 FIRST FLOOR PLAN - AREA E

3/32"=1'-0"

ELECTRICAL

NORTH



KEY PLAN

NO SCALE

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE

07-02-20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
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DATE: 09.12.19

REVISIONS #

1	PERMIT COMMENTS	09.06.19
6	REVISION 1	12.20.19
8	REVISION 3	04.03.20
9	REVISION 4	04.24.20
10	REVISION 5	07.02.20

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LSA PROJECT NO. 1904023

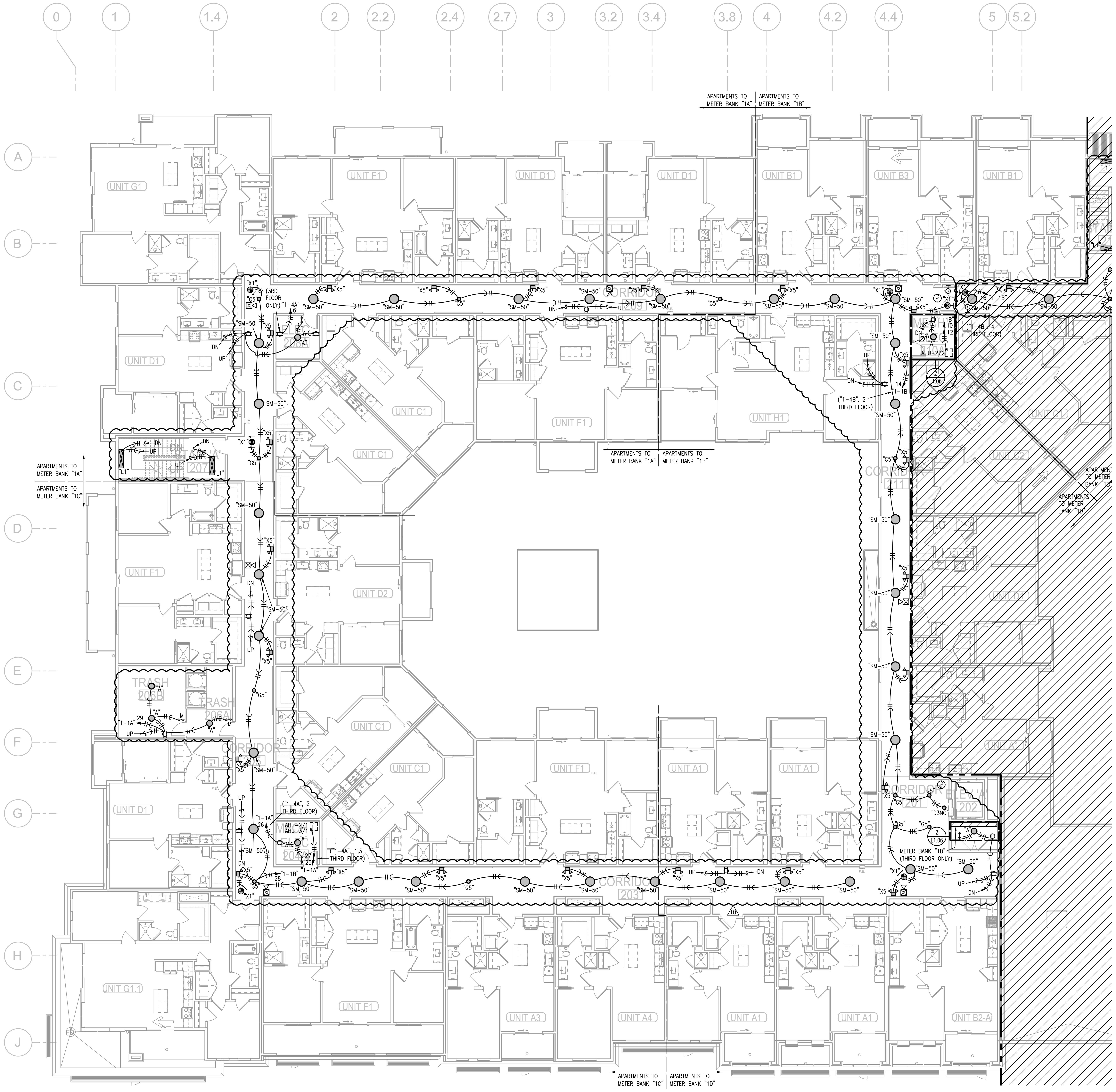
DWG BY RRB

TR,i PROJECT NO. 18-046

SHEET NO.

E105

FIRST FLOOR PLAN - AREA E - ELECTRICAL



1 SECOND FLOOR PLAN - AREA B

3/32"=1'-0" (THIRD FLOOR SIMILAR) ELECTRICAL

NORTH

2 PARTIAL THIRD FLOOR PLANS

3/32"=1'-0" ELECTRICAL

NOTES:

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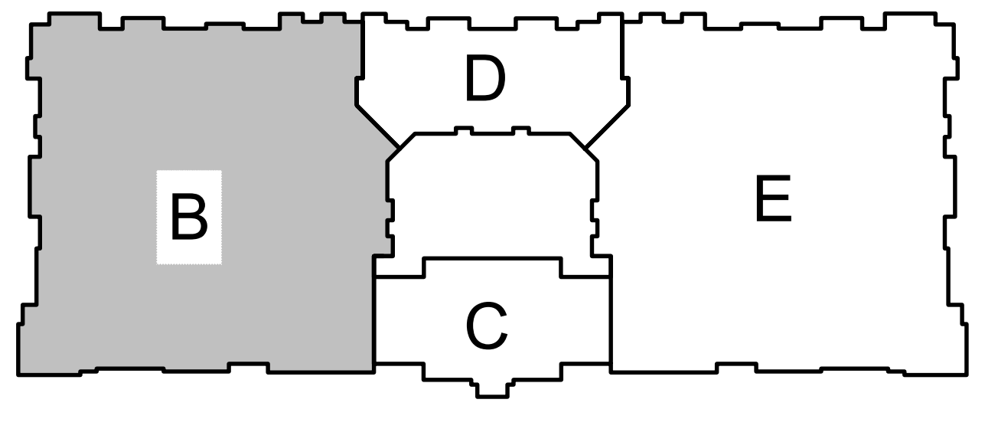

KEY PLAN

NO SCALE

NORTH

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE

07-02-20

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LSA PROJECT NO. 1904023

DWG BY RRB

TR,i PROJECT NO. 18-046

SHEET NO.

E106

SECOND FLOOR PLAN - AREA B - ELECTRICAL

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE
07-02-20

NOTES:

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LEGEND:

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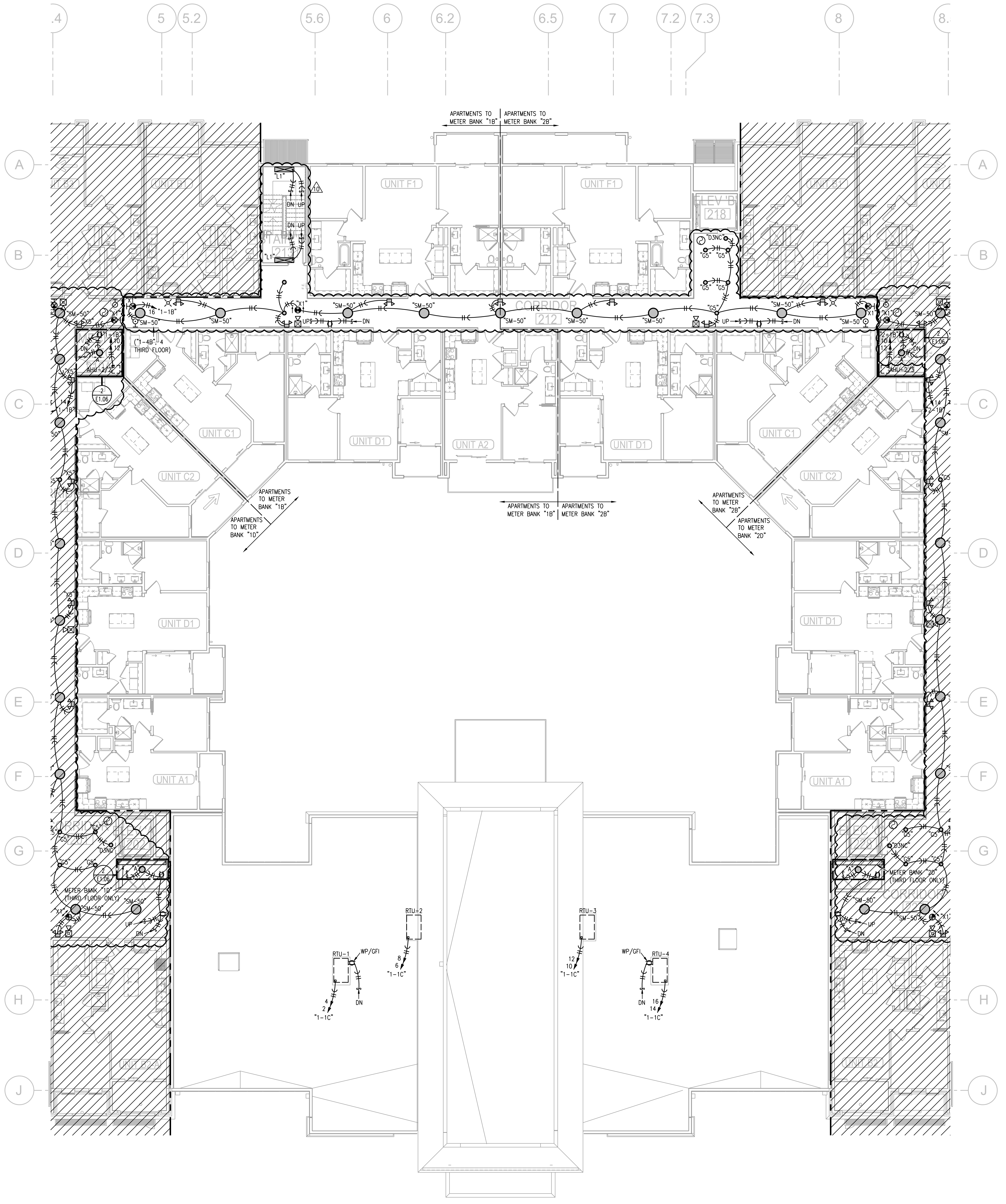
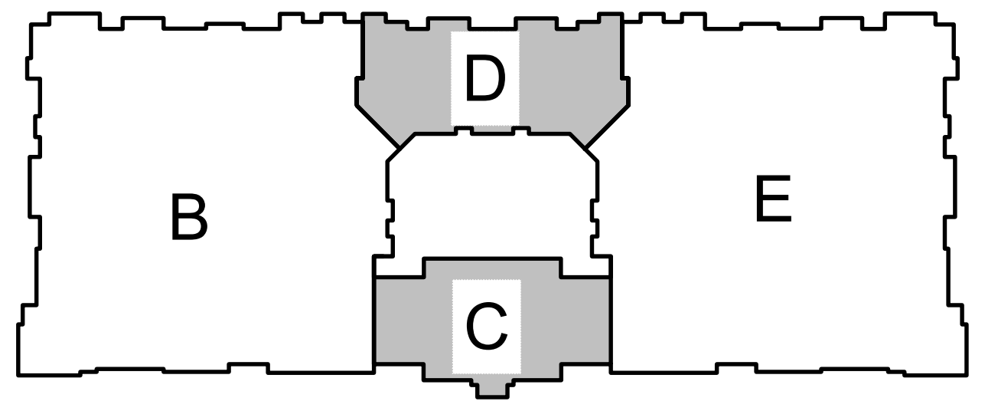

4
5
5.2
5.6
6
6.2
6.5
7
7.2
7.3
8
8.
A
B
C
D
E
F
G
H
J
APARTMENTS TO METER BANK "1B"
APARTMENTS TO METER BANK "2B"
UNIT F1
UNIT F1
ELEV 218
STAIR 21
"L1"
DN UP
CORRIDOR 212
"SM-50"
"1-1B"
("1-4B"/4 THIRD FLOOR)
"D3NC"
UNIT C1
UNIT C2
UNIT D1
UNIT A2
UNIT D1
UNIT C1
UNIT C2
UNIT D1
UNIT D1
UNIT A1
UNIT A1
APARTMENTS TO METER BANK "1B"
APARTMENTS TO METER BANK "1C"
APARTMENTS TO METER BANK "1B"
APARTMENTS TO METER BANK "2B"
APARTMENTS TO METER BANK "2B"
APARTMENTS TO METER BANK "2C"
METER BANK "1C" (THIRD FLOOR ONLY)
METER BANK "2C" (THIRD FLOOR ONLY)
RTU-1
RTU-2
RTU-3
RTU-4
WP/GFI
WP/GFI
"1-1C"
DN

SECOND FLOOR PLAN - AREA C/D

① 3/32"=1'-0" (THIRD FLOOR SIMILAR) ELECTRICAL

NORTH



KEY PLAN
NO SCALE

NORTH

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
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LSA PROJECT NO. 1904023

DWG BY RRB

TR,i PROJECT NO. 18-046

SHEET NO.

E107

SECOND FLOOR PLAN - AREA C/D - ELECTRICAL

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE
07-02-20

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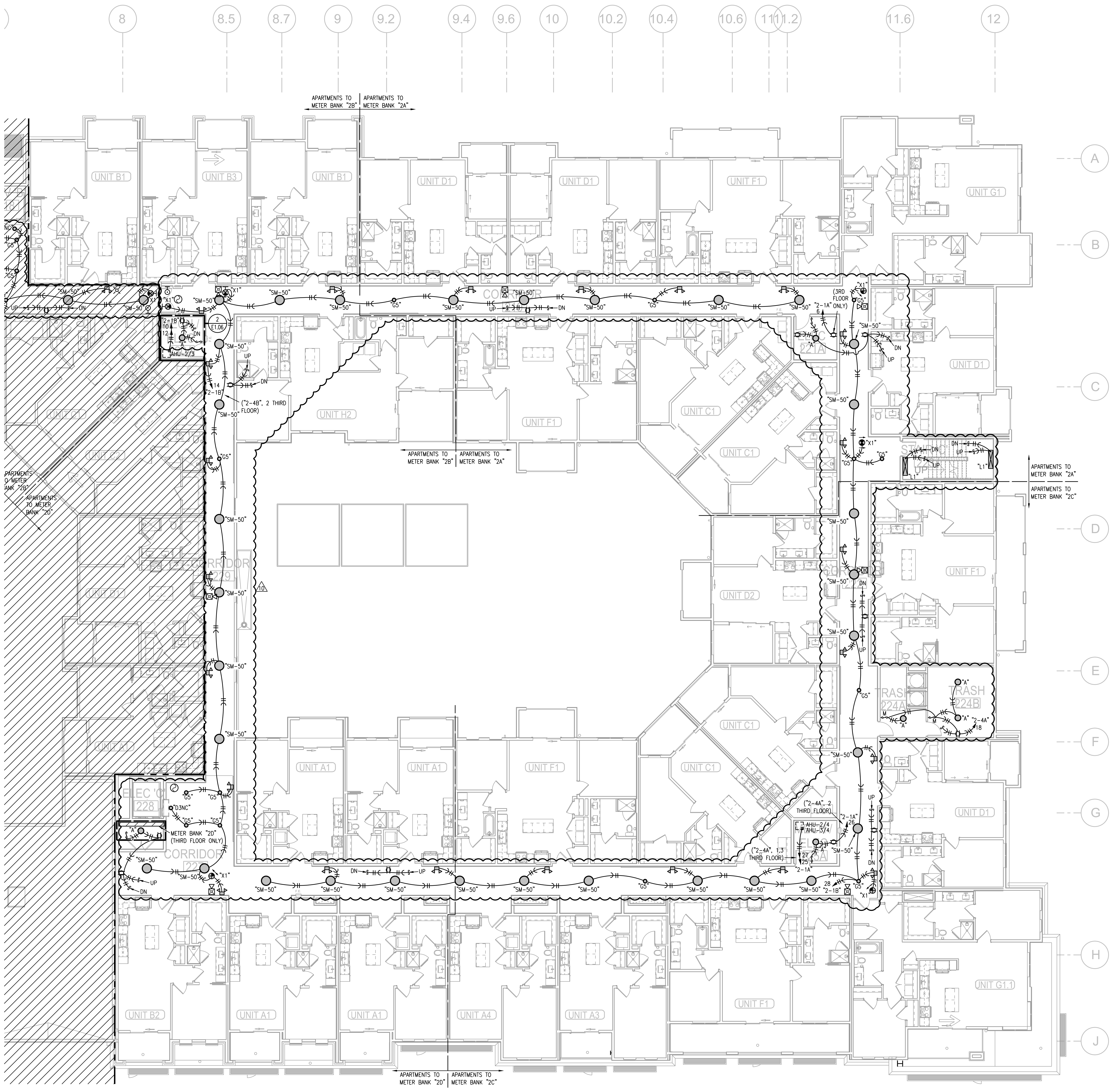
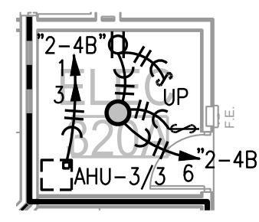


1 SECOND FLOOR PLAN - AREA E

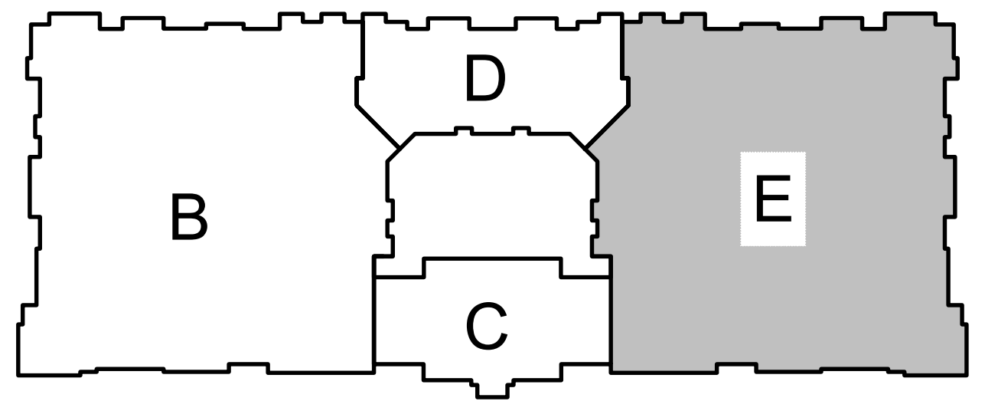
3/32"=1'-0"
(THIRD FLOOR SIMILAR)
ELECTRICAL

NORTH



2 PARTIAL THIRD FLOOR PLANS

3/32"=1'-0"
ELECTRICAL



KEY PLAN

NO SCALE

NORTH

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LSA PROJECT NO. 1904023

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CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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DATE: 09.12.19

REVISIONS △#

△1	PERMIT COMMENTS	09.06.19
△8	REVISION 3	04.03.20
△10	REVISION 5	07.02.20

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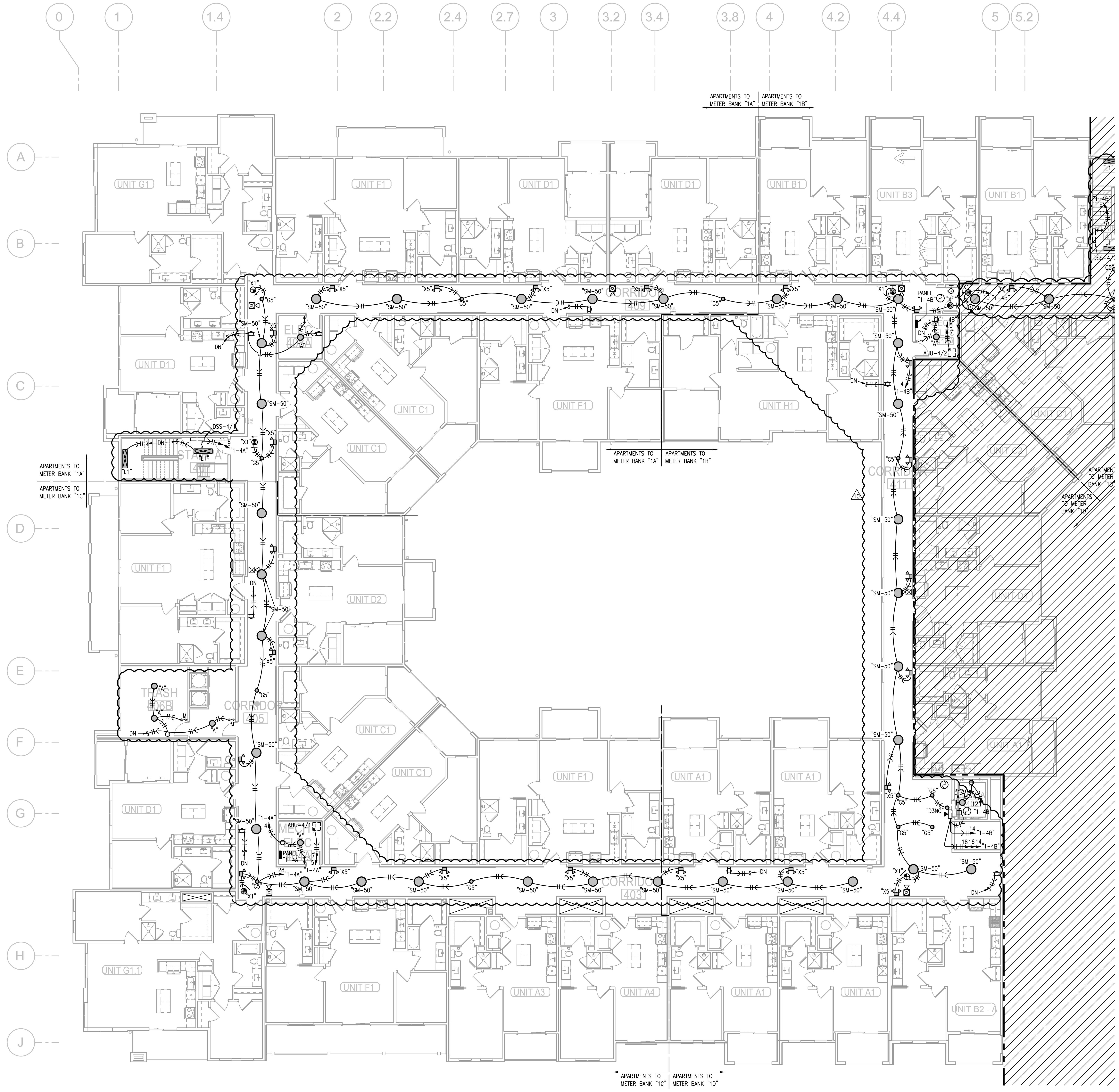
TR,i PROJECT NO. 18-046

SHEET NO.

E108

SECOND FLOOR PLAN - AREA E - ELECTRICAL



1 FOURTH FLOOR PLAN - AREA B

3/32"=1'-0"

ELECTRICAL

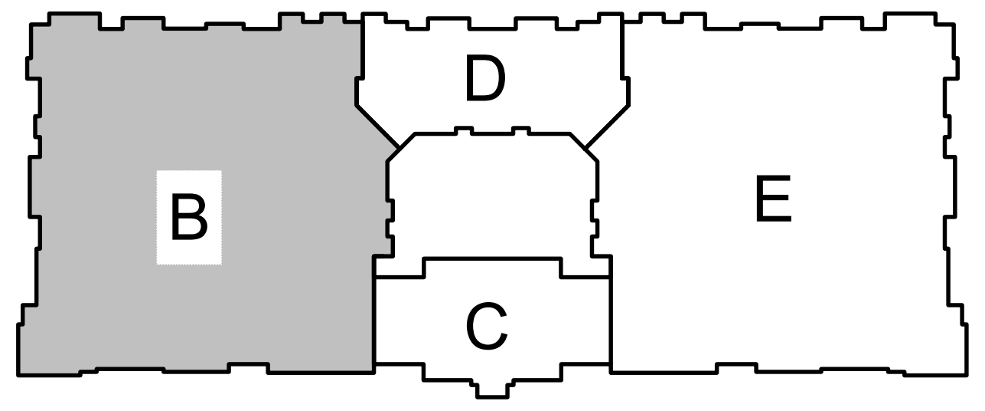
NORTH

NOTES:

1. ALL ○ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊔ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
9. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

⟨1⟩ TO LIGHTING CONTROL PANEL.



KEY PLAN

NO SCALE

NORTH

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE

07-02-20

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TR,i PROJECT NO. 18-046

SHEET NO.

E109

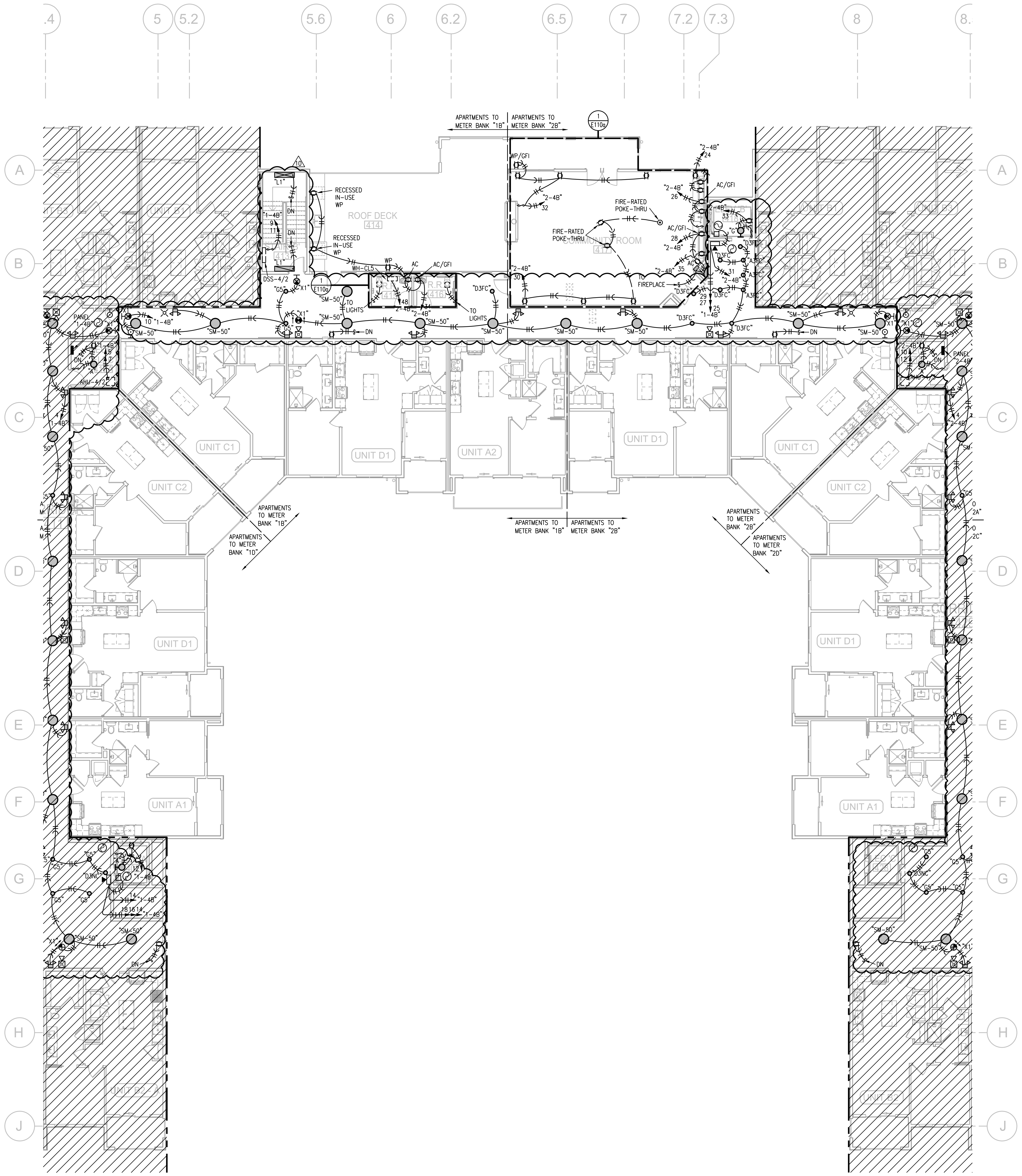
FOURTH FLOOR PLAN - AREA B - ELECTRICAL

NOTES:

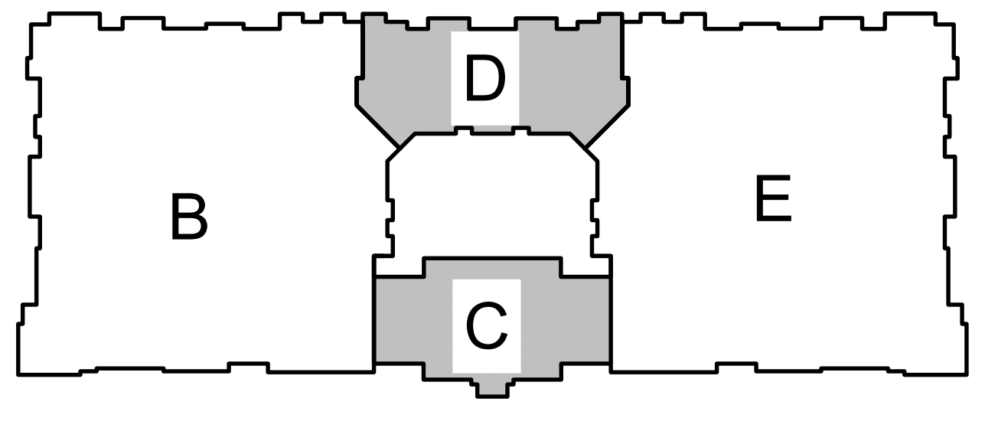
1. ALL ● ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊔ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
9. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

⟨1⟩ TO LIGHTING CONTROL PANEL.



① **FOURTH FLOOR PLAN - AREA C/D**
3/32"=1'-0"
ELECTRICAL



KEY PLAN
NO SCALE
NORTH

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TR,i PROJECT NO. 18-046

SHEET NO.

E110

FOURTH FLOOR PLAN - AREA C/D - ELECTRICAL

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07/13/2020

RICHARD R. BEARDMORE
07-02-20

NOTES:

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5. ALL ⊔ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
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11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

⟨1⟩ TO LIGHTING CONTROL PANEL.

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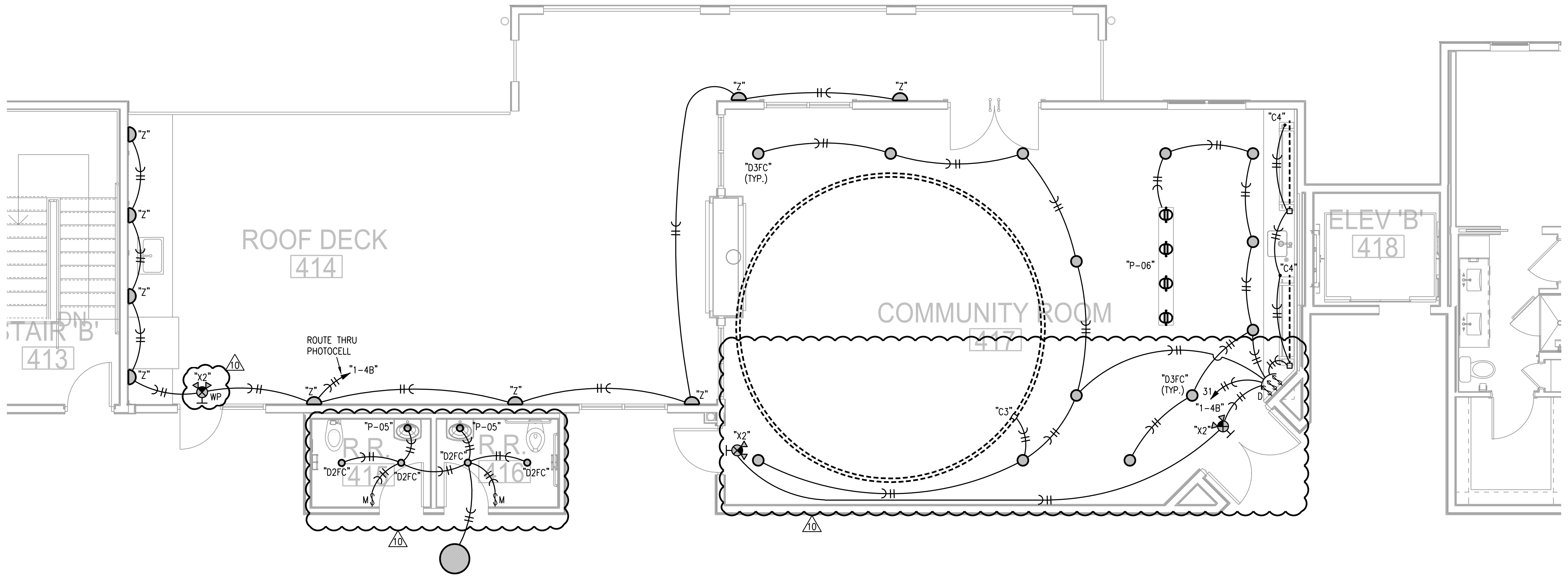
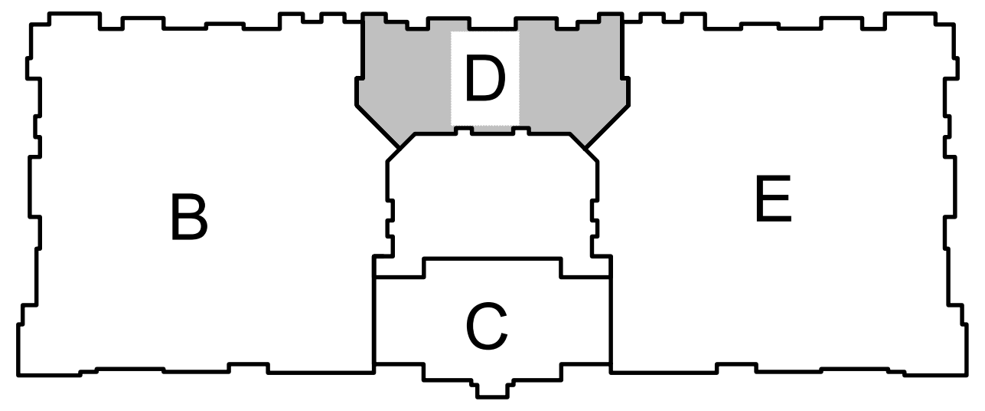


1 PARTIAL FOURTH FLOOR PLAN - AREA D
3/16"=1'-0"
LIGHTING

NORTH



KEY PLAN
NO SCALE

NORTH

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10	REVISION 5	07.02.20

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TR,i PROJECT NO. 18-046

SHEET NO.

E110a

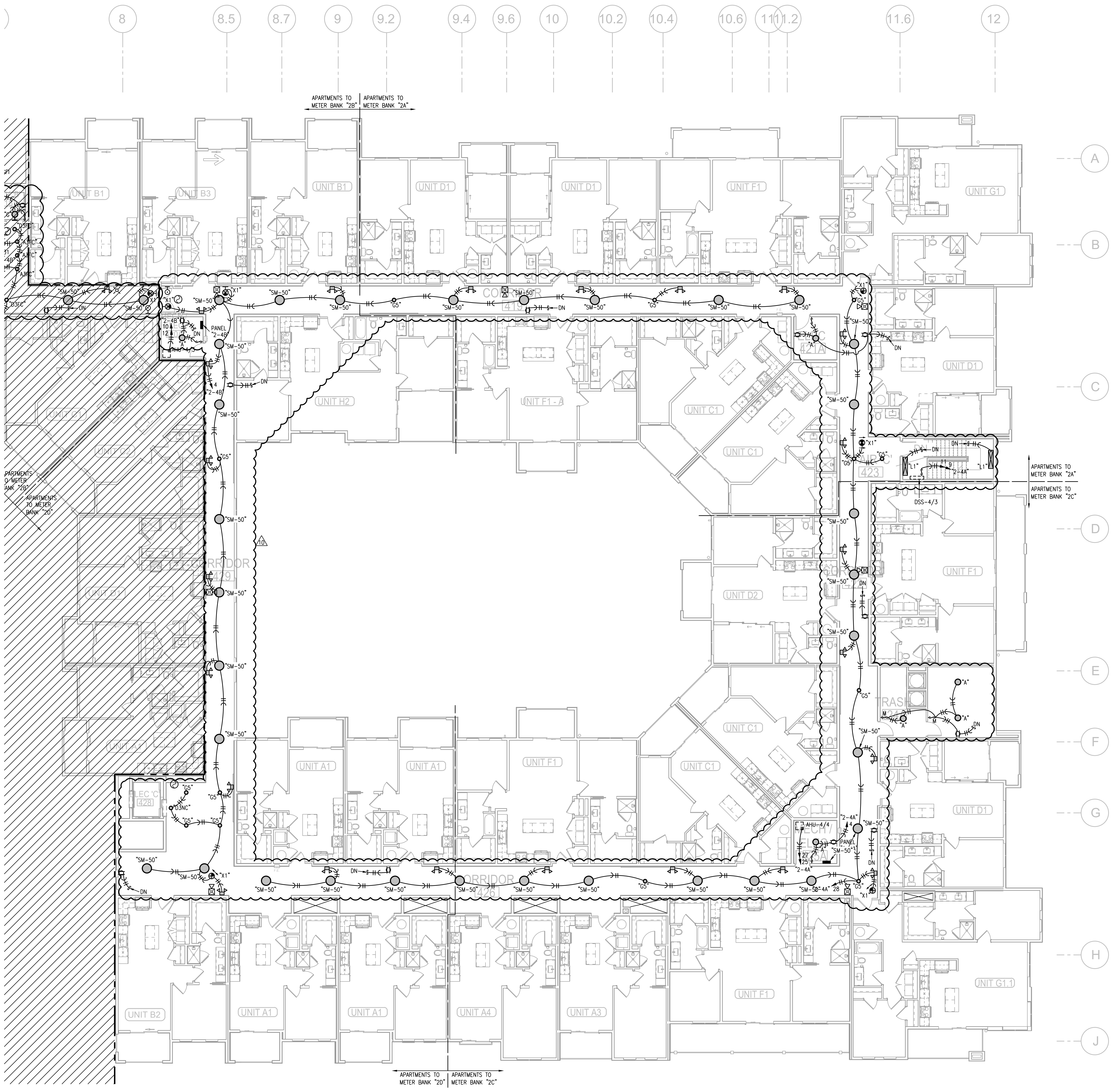
PARTIAL FOURTH FLOOR PLAN - AREA C/D - LIGHTING

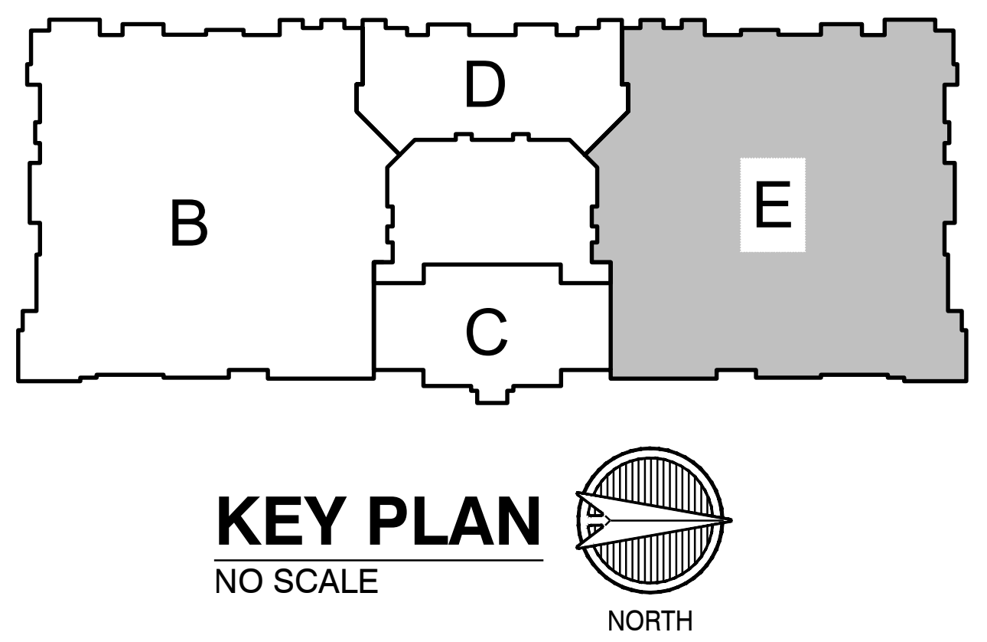
NOTES:

1. ALL ○ ARE TYPE "A" UNLESS NOTED OTHERWISE.
2. ALL STAIR LIGHTS ARE TYPE "L1" UNLESS NOTED OTHERWISE.
3. ALL ⊗ ARE TYPE "X1" UNLESS NOTED OTHERWISE.
4. ALL ⊗ ARE TYPE "X2" UNLESS NOTED OTHERWISE.
5. ALL ⊔ ARE TYPE "X5" UNLESS NOTED OTHERWISE.
6. CONNECT FIRE/SMOKE DAMPERS SHOWN ON MECHANICAL PLANS TO 120V. AND FIRE ALARM RELAY TO SHUT UPON SMOKE DETECTION IN CORRIDORS.
7. SEE UNIT PLANS FOR FURTHER WORK.
8. LIGHTS AT APT. ENTRY DOORS CONNECT TO APT. HOT CIRCUIT.
9. ALL AHU'S HAVE AUTO DAMPER/THERMOSTAT SYSTEM TO WIRE. SEE HVAC PLANS.
10. EXIT SIGNS SHALL BE READILY VISIBLE TO OCCUPANTS.
11. EXTERIOR LIGHTING TO BE ROUTED THRU PHOTOCELL.
12. "DP-1" DENOTES DISTRIBUTION PANEL.

LEGEND:

⟨1⟩ TO LIGHTING CONTROL PANEL.





KEY PLAN
NO SCALE

① FOURTH FLOOR PLAN - AREA E
3/32"=1'-0"
ELECTRICAL
NORTH

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE
07-02-20

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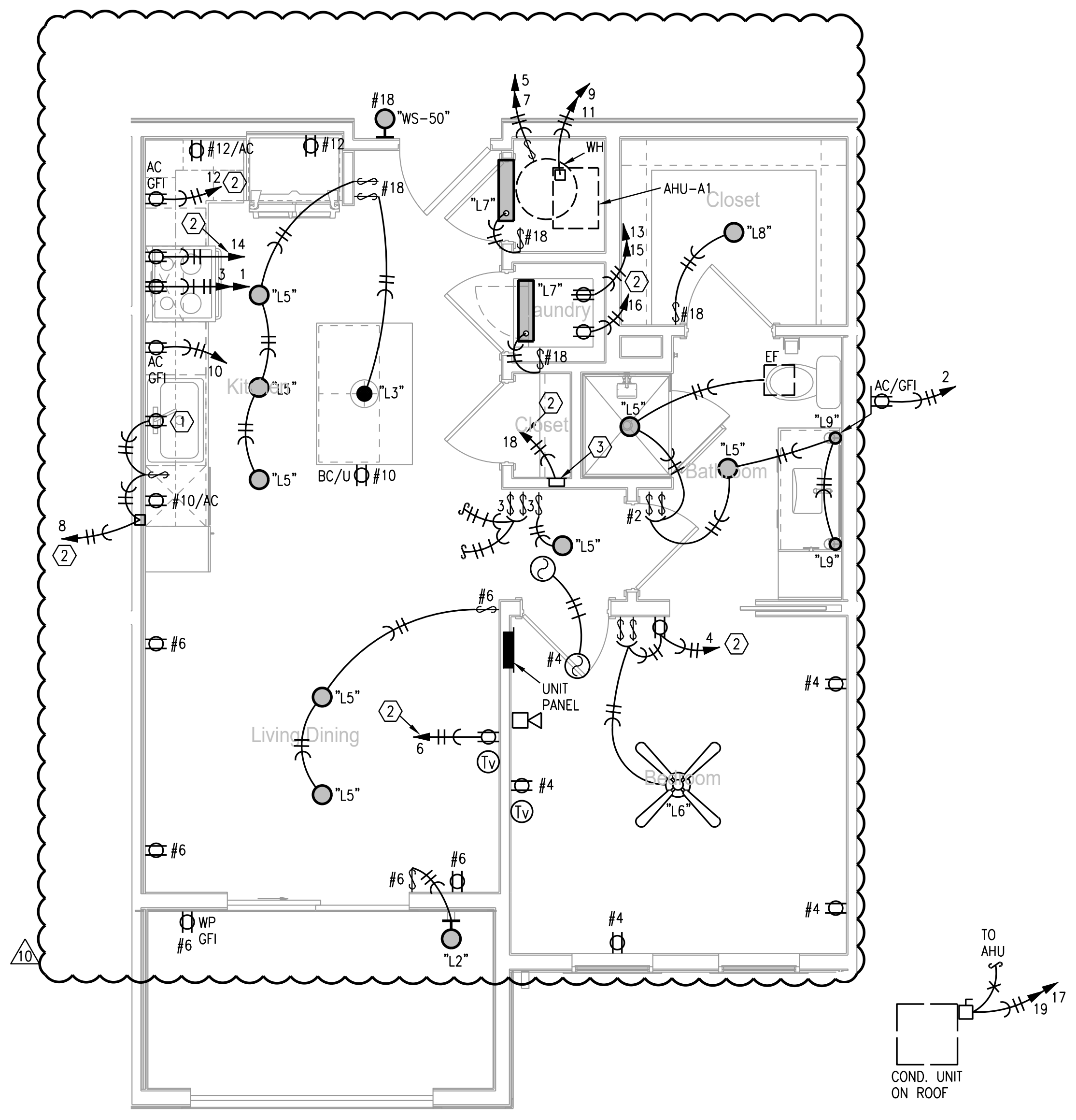
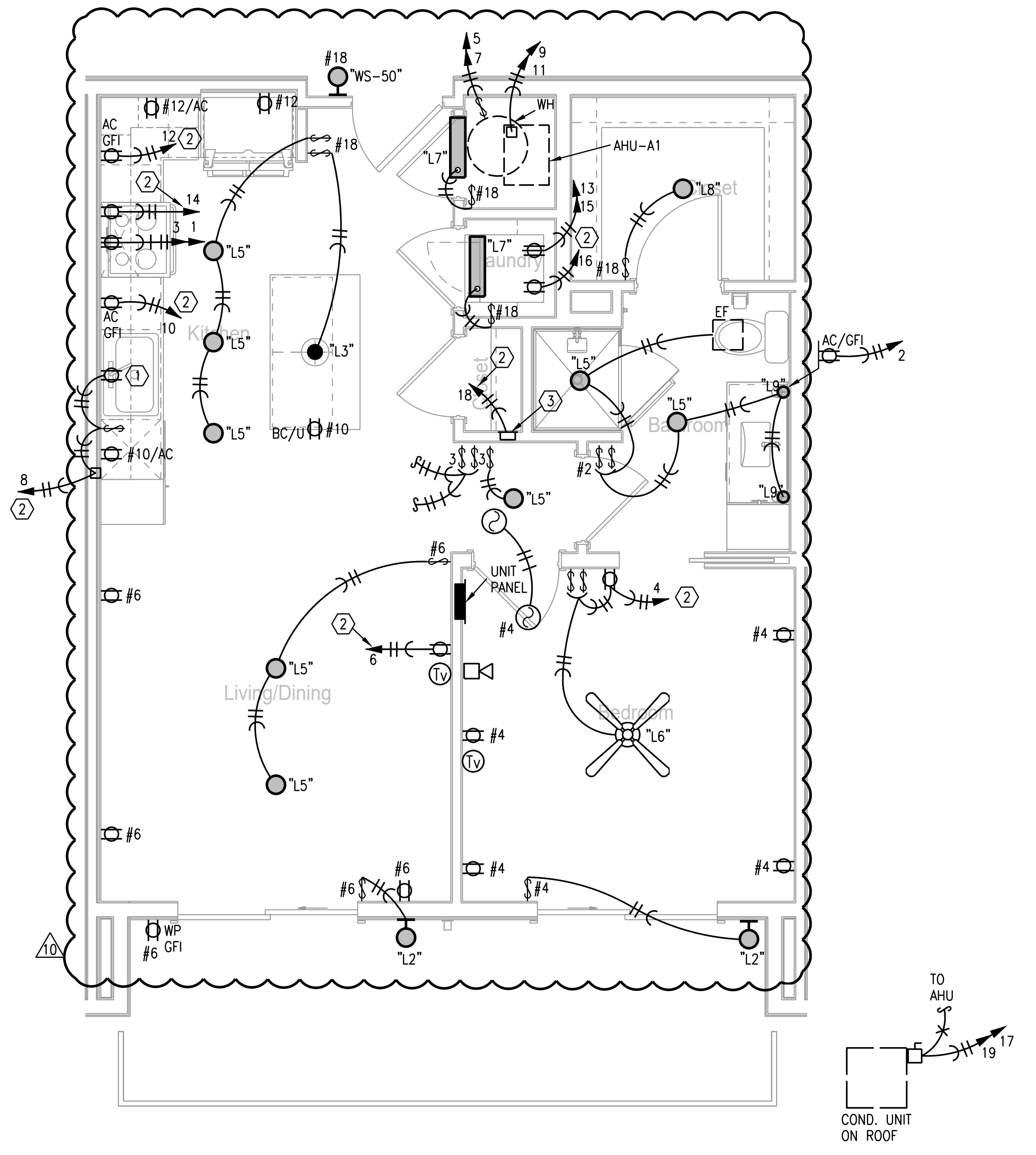
E111

FOURTH FLOOR PLAN - AREA E - ELECTRICAL



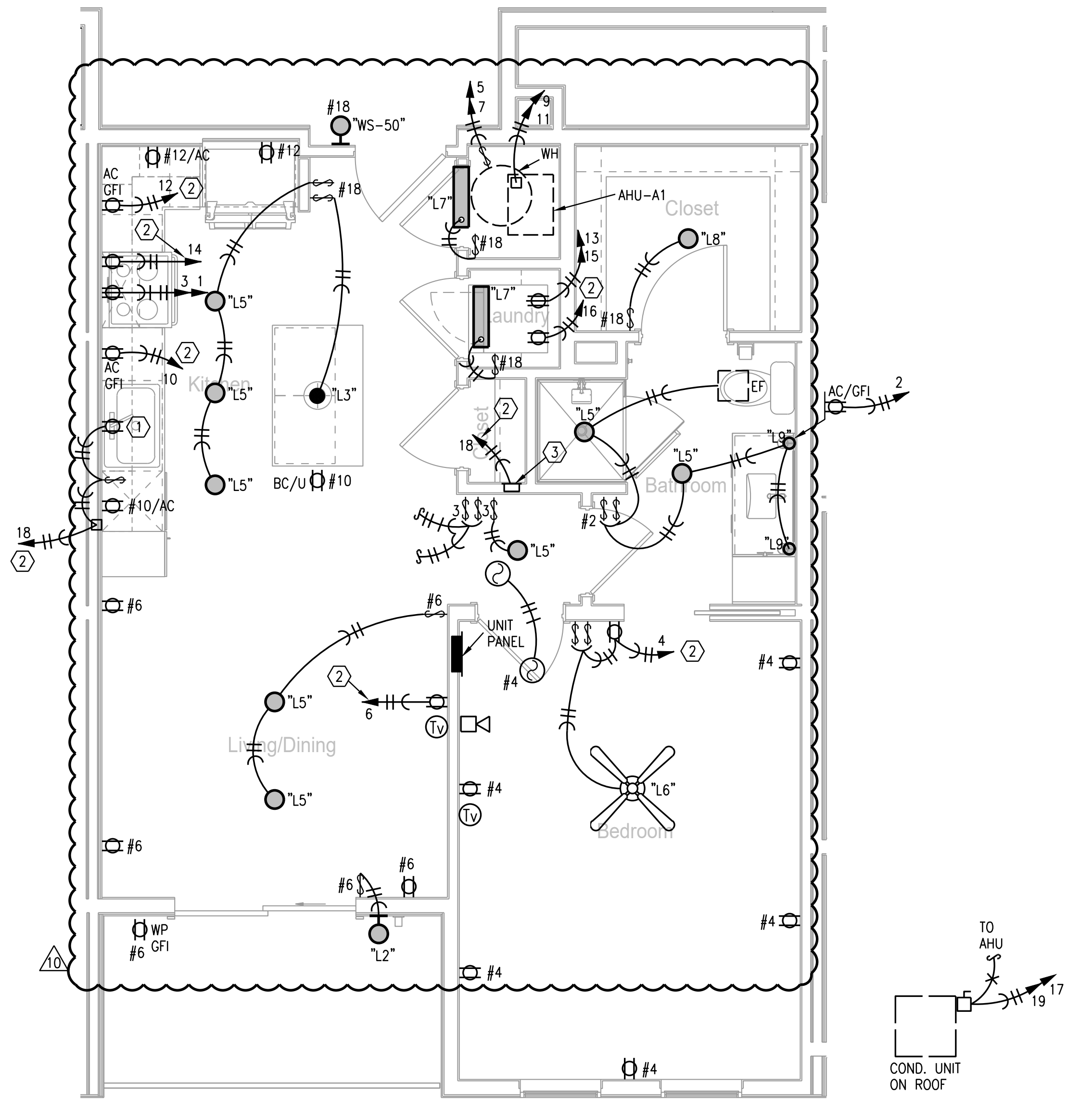
1 TYPICAL UNIT PLAN - A1

1/4"=1'-0" ELECTRICAL



2 TYPICAL UNIT PLAN - A2

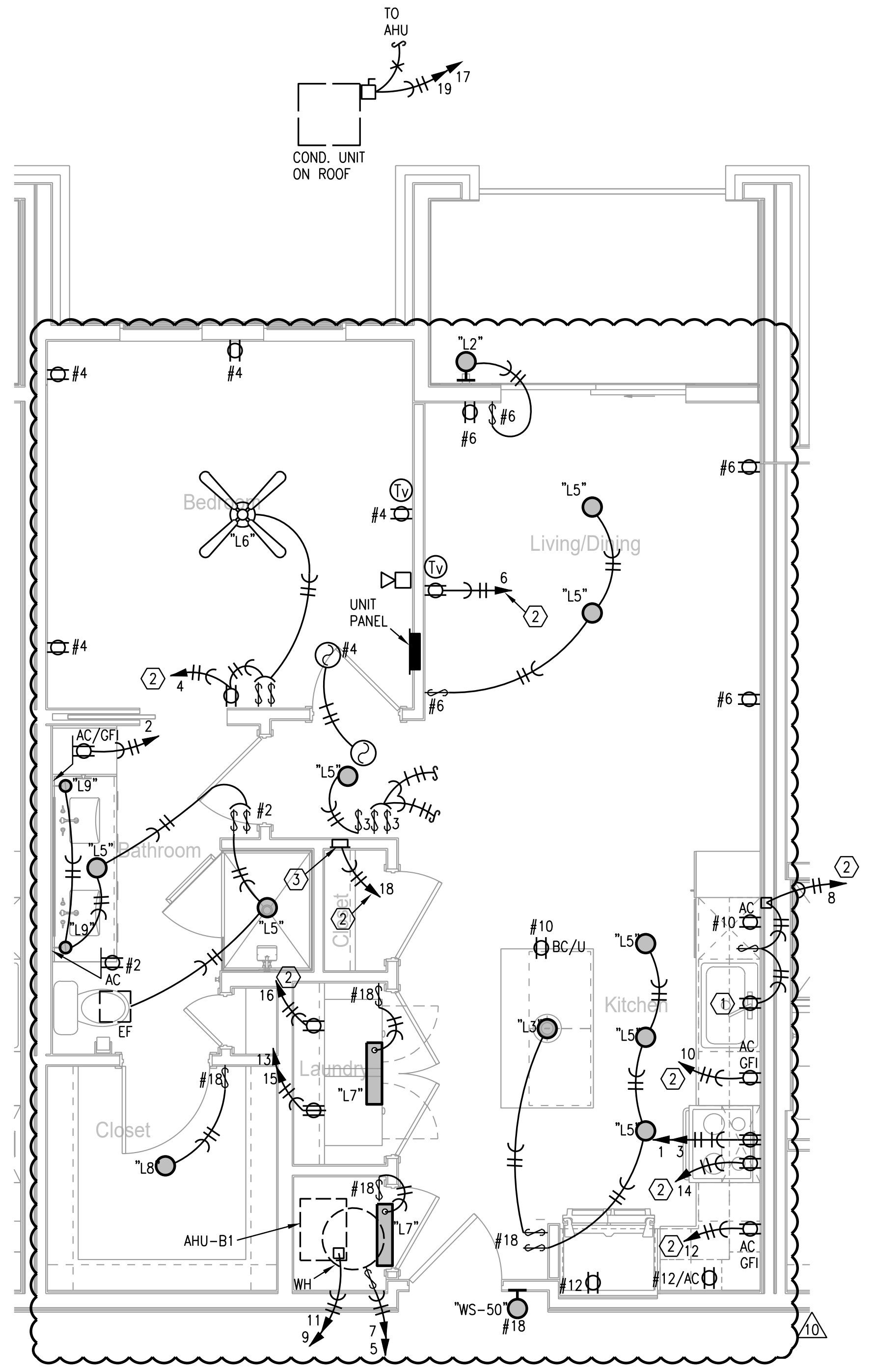
1/4"=1'-0" ELECTRICAL



3 TYPICAL UNIT PLAN - A3

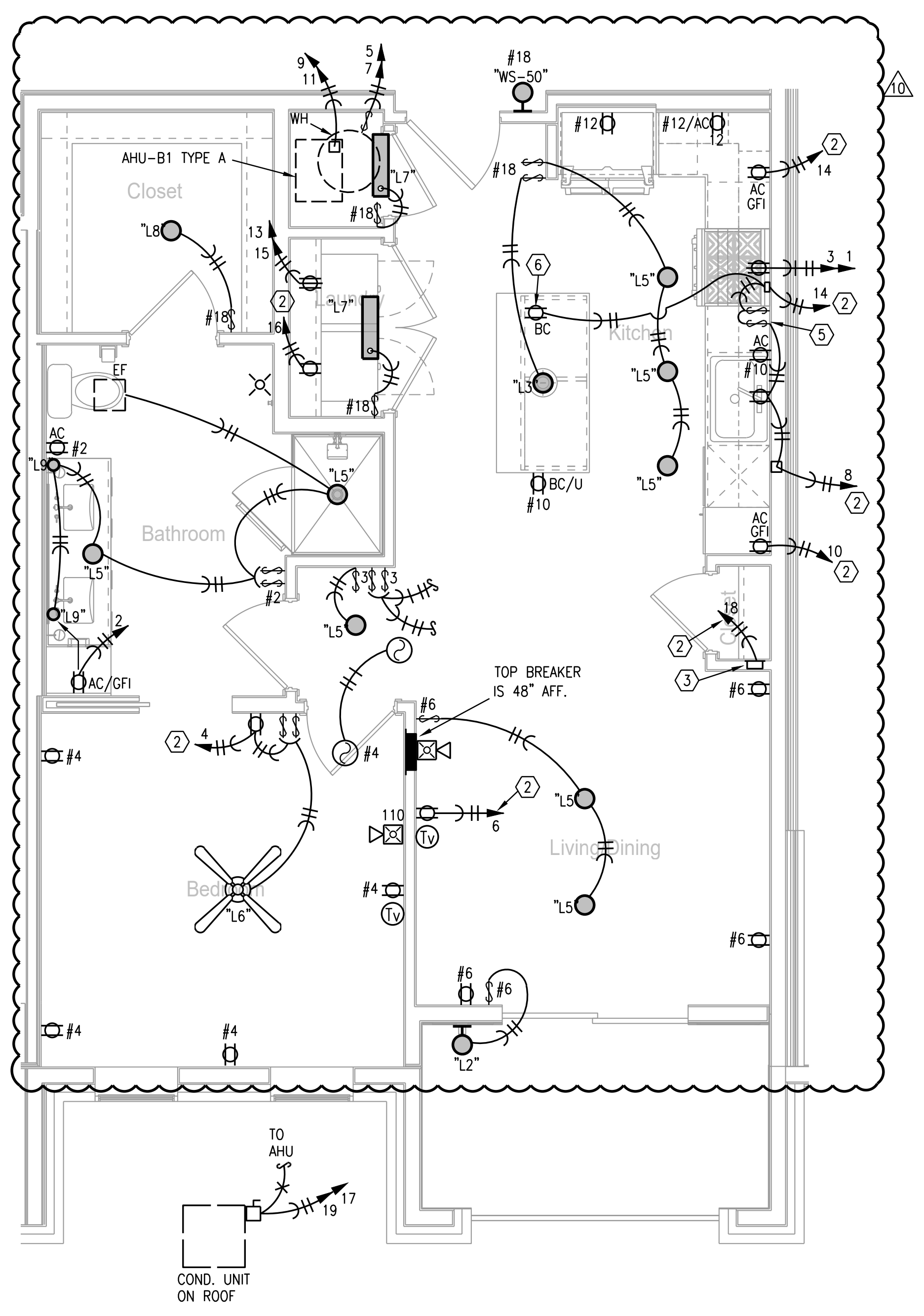
1/4"=1'-0" (UNIT A4 SIMILAR) ELECTRICAL

NOTE: SEE I.D. DRAWINGS
FOR DIMENSIONED LIGHTING
PLANS AND DETAILS.



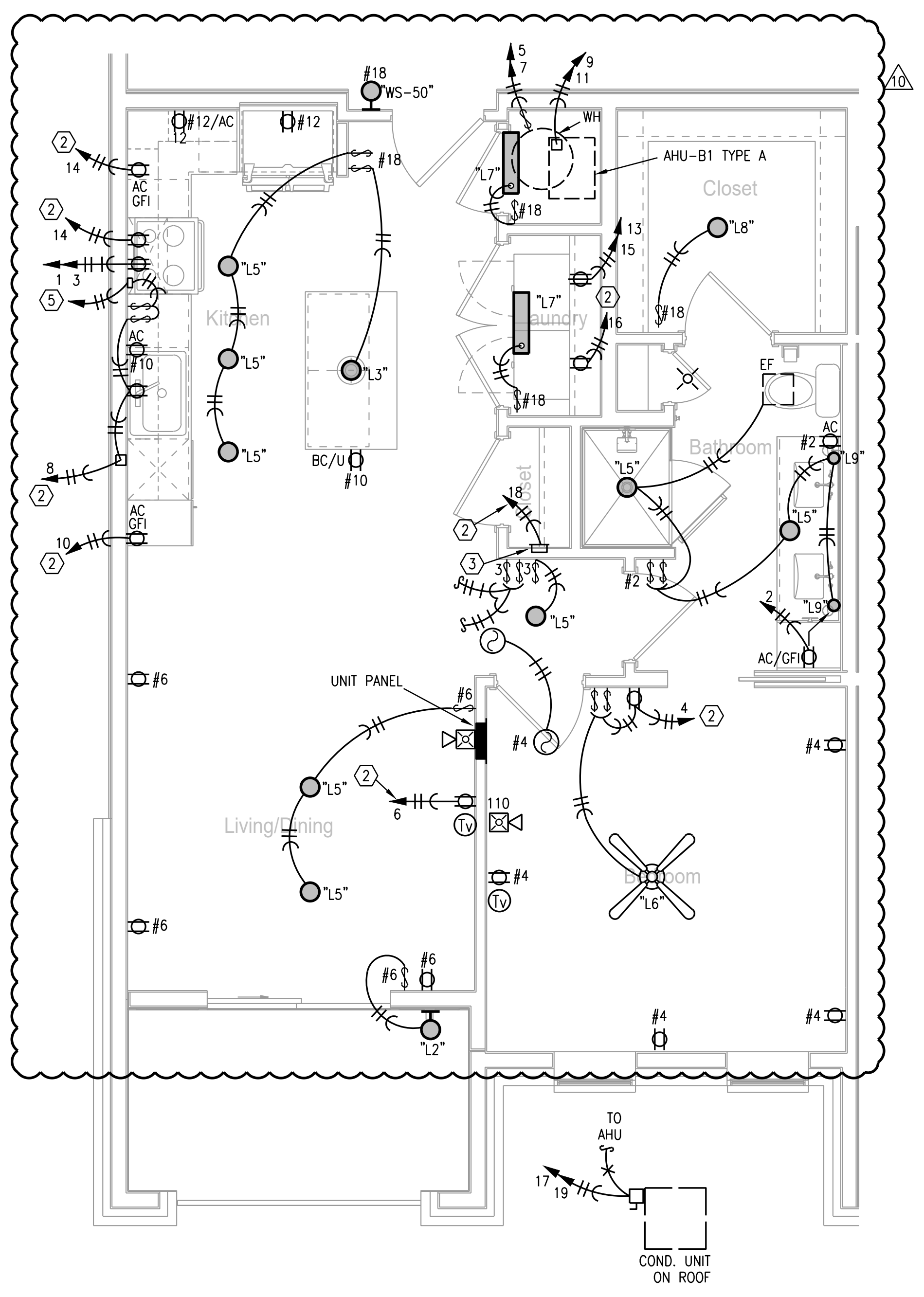
4 TYPICAL UNIT PLAN - B1

1/4"=1'-0" (UNIT B3 SIMILAR) ELECTRICAL



5 TYPICAL UNIT PLAN - B2 TYPE A

1/4"=1'-0" ELECTRICAL



6 TYPICAL UNIT PLAN - B2

1/4"=1'-0" ELECTRICAL

NOTES:

1. ENTRY FIXTURE IN HALLWAYS ARE WIRED TO CORRIDOR FIXTURES. MOUNT AT 72"AFF, VERIFY WITH ARCHITECT.
2. CEILING FAN SWITCHES PROVIDED WITH FAN. CONTROL LIGHT AND FAN SEPARATELY. INTENDED FOR SINGLE GANG BOX.
3. CENTER ISLAND/PENINSULA PENDANT LIGHTS OVER BASE BACK WALL AND CENTERED EQUALLY LEFT TO RIGHT OVER SINK. THESE ARE SEPARATELY SWITCHED.
4. GENERALLY CENTER LIGHT ON WINDOWS, DOOR, HALLWAYS, SINKS, OVER TUBS, ETC. VERIFY ALL LOCATIONS IN EACH UNIT DIMENSIONALLY WITH ARCHITECT, INTERIOR DESIGNER AND OWNER. MOUNT SWITCHES CLOSE TO DOORS OR WALL CORNERS.
5. THERMOSTATS HAVE LOW VOLTAGE WIRE BACK TO AHU. CONDENSING UNITS HAVE LOW VOLTAGE WIRE BACK TO AHU.
6. ② = 120V. SMOKE/CO ALARM WITH BATTERY BACK-UP AND AUXILIARY CONTACT SO ALL SOUND TOGETHER.
7. ALL ARC-FAULT CIRCUIT BREAKERS SHALL BE COMPATIBLE WITH CEILING FANS, COMPACT AND STANDARD FLUORESCENT LAMPS/FIXTURES AND OTHER ELECTRONIC DEVICES.
8. PROVIDE PROTECTION AT ELECTRICAL BOXES AT RATED CEILING MEMBRANES PER IBC 712.4.1.2(2). BOXES TO BE LISTED FOR RATED MEMBRANES, NOT EXCEED 16 SQUARE INCHES, NOT COMBINE FOR MORE THAN 100 SQUARE INCHES IN 100 SQUARE FEET AND ANNULAR SPACE NOT EXCEED 1/8".
9. FIRE ALARM HORN/STROBE CIRCUITS SHALL BE SIZED TO ACCEPT BEDROOM HORN/STROBES IN FUTURE INCLUDING WIRING AND PANEL CAPACITY.
10. ALL RANGES SERVED BY (3) #8 & (1) #10 AND 50A. RECEPTACLE.
11. ALL WATER HEATERS SERVED BY (3) #10
12. ALL WASHERS AND REFRIGERATORS HAVE RECEPTACLES AT 48".
13. SEE HVAC SCHEDULE AND SHOP DRAWINGS FOR AHU AND HEAT PUMP CIRCUITS.
14. ALL DRYERS SERVED BY (4) #10 AND 30A. RECEPTACLE.
15. BELOW COUNTER RECEPTACLES AND PLATES SHALL MATCH THE BASE CABINETS WHERE THEY ARE MOUNTED (BROWN, WHITE, ETC.) VERIFY WITH ARCHITECT.
16. EXTERIOR RECEPTACLES SHALL BE ARLINGTON #DBVM1C RECESSED TYPE.

LEGEND:

① SWITCHED RECEPTACLE FOR GARBAGE DISPOSER CONTINUE CIRCUIT TO DISHWASHER.
② PROVIDE ARC-FAULT CIRCUIT BREAKER IN PANEL.
③ TELE/TV DEMARK FLUSH BOX. PROVIDE WITH DUPLEX OUTLET. PROVIDE 1" CONDUIT FROM BOX TO ABOVE CEILING AND OUT TO CEILING IN THE HALLWAY. SEE DETAILS.
④ SMOKE ALARM TO HAVE STROBES.
⑤ CONNECT RANGE HOOD TO TWO SWITCHES ABOVE COUNTER TO CONTROL LIGHT AND FAN.
⑥ PROVIDE A BELOW COUNTER RECEPTACLE FOR MICROWAVE. SEE ARCH DRAWINGS.

ELECTRICAL SYMBOLS LEGEND;

⏀	DUPLEX RECEPTACLE.
⏀	120/240V. RECEPTACLE. 30A. FOR DRYER, 50A. FOR RANGE.
⏀SW	RECEPTACLE HALF SWITCHED.
⏀U	USB CHARGING COMB. RECEPTACLE.
▼	DATA OUTLET.
▽	VOICE OUTLET.
Tv	COMBINATION CATV/DATA OUTLET.
AC	ABOVE COUNTER
BC	BELOW COUNTER
◻◁	LOW FREQUENCY HORN

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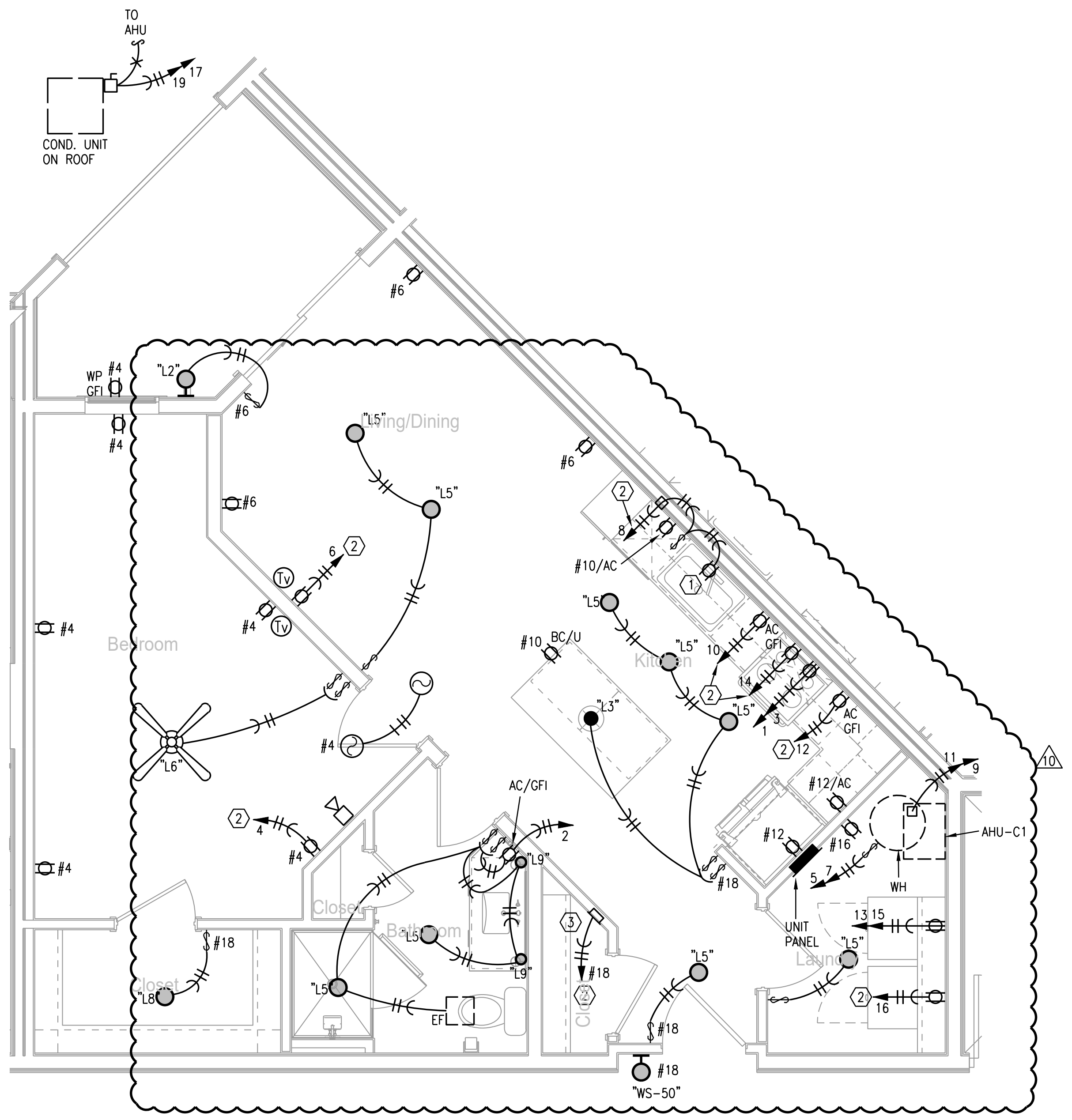
DWG BY RRB

TR,i PROJECT NO. 18-046

SHEET NO.

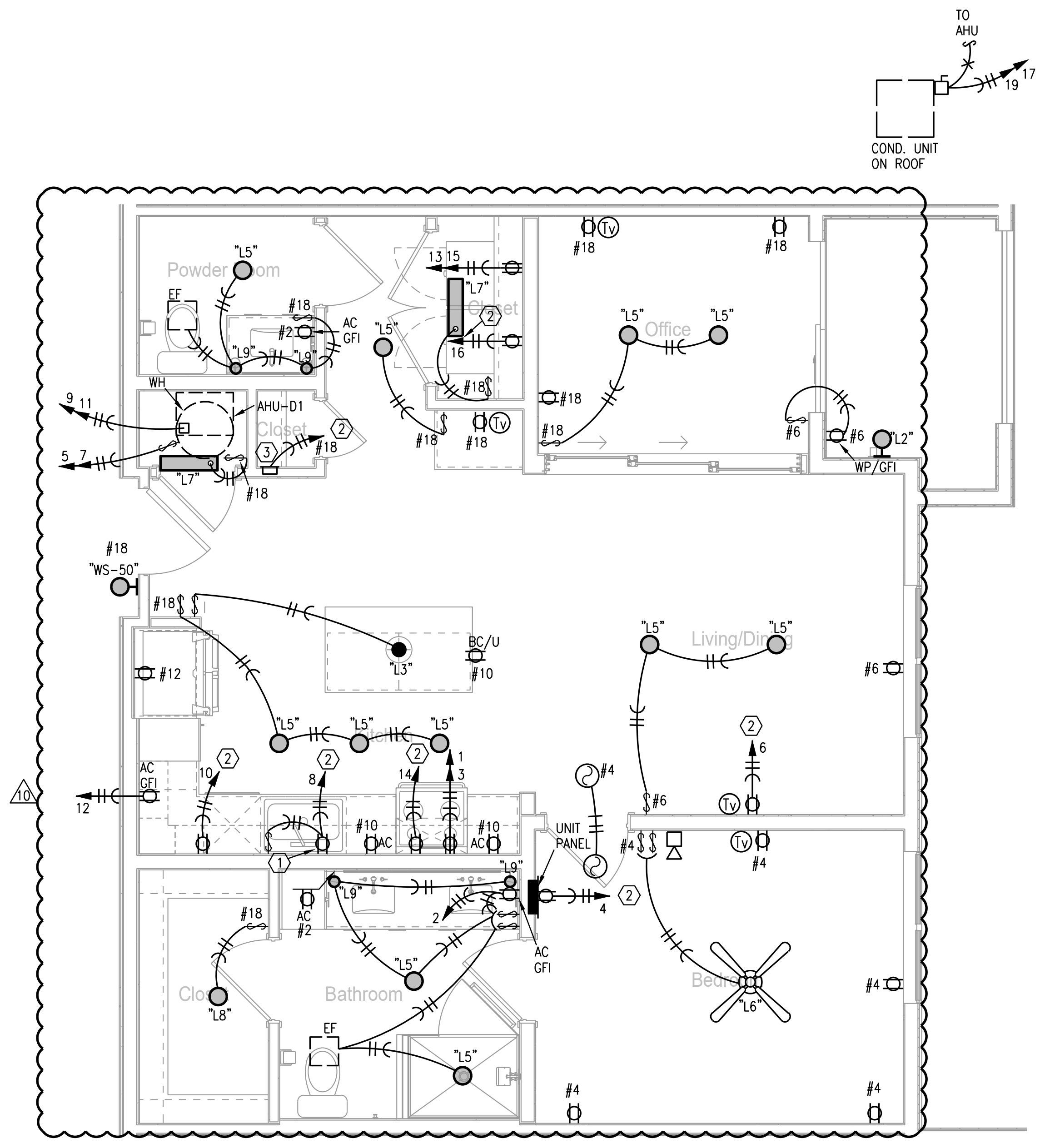
E201

TYPICAL UNIT PLANS - ELECTRICAL



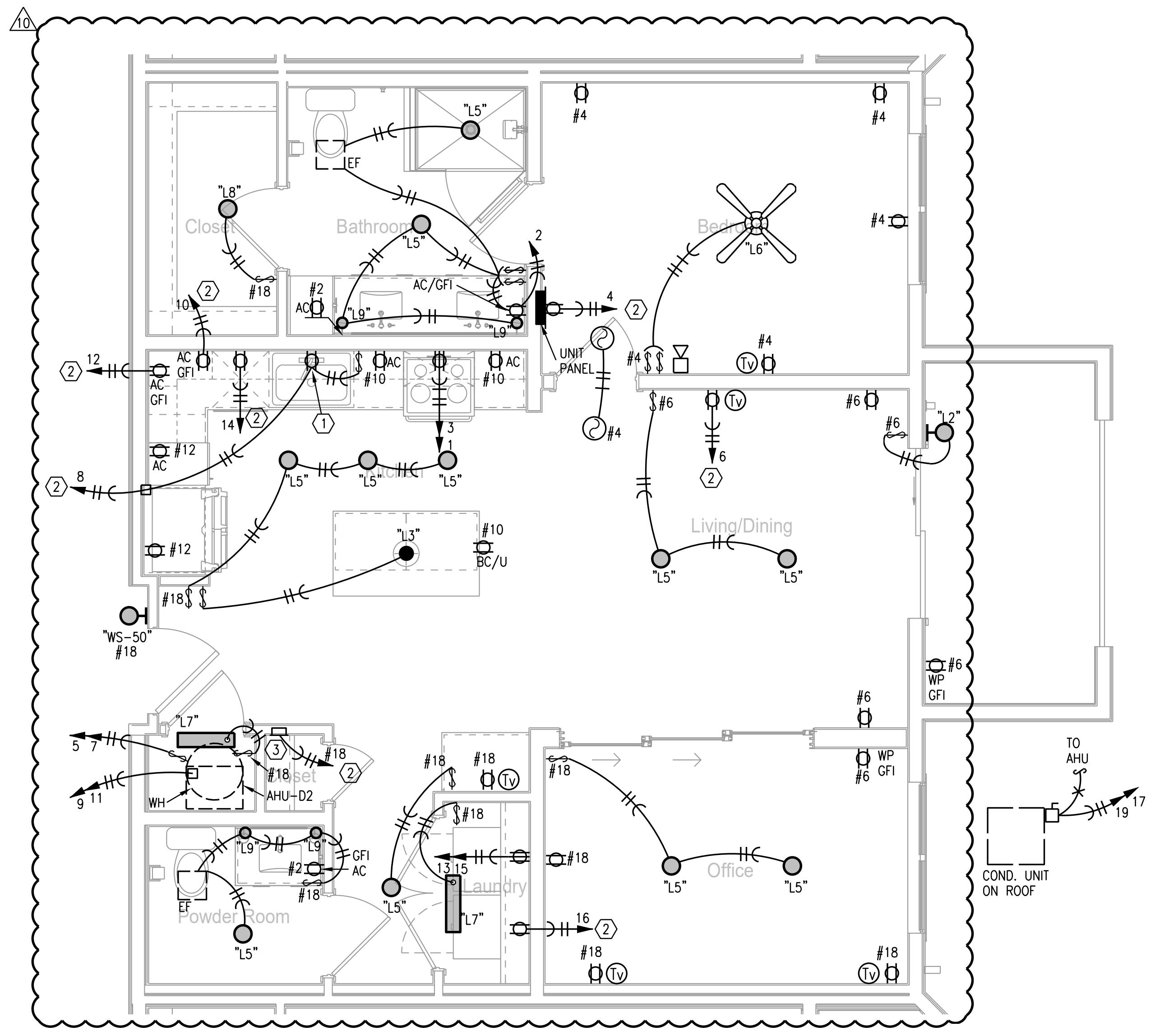
1 TYPICAL UNIT PLAN - C1

1/4"=1'-0" (UNIT C2 SIMILAR) ELECTRICAL



2 TYPICAL UNIT PLAN - D1

1/4"=1'-0" ELECTRICAL



3 TYPICAL UNIT PLAN - D2

1/4"=1'-0" ELECTRICAL

NOTES:

1. ENTRY FIXTURE IN HALLWAYS ARE WIRED TO CORRIDOR FIXTURES. MOUNT AT 72"AFF, VERIFY WITH ARCHITECT.
2. CEILING FAN SWITCHES PROVIDED WITH FAN. CONTROL LIGHT AND FAN SEPARATELY. INTENDED FOR SINGLE GANG BOX.
3. CENTER ISLAND/PENINSULA PENDANT LIGHTS OVER BASE BACK WALL AND CENTERED EQUALLY LEFT TO RIGHT OVER SINK. THESE ARE SEPARATELY SWITCHED.
4. GENERALLY CENTER LIGHT ON WINDOWS, DOOR, HALLWAYS, SINKS, OVER TUBS, ETC. VERIFY ALL LOCATIONS IN EACH UNIT DIMENSIONALLY WITH ARCHITECT, INTERIOR DESIGNER AND OWNER. MOUNT SWITCHES CLOSE TO DOORS OR WALL CORNERS.
5. THERMOSTATS HAVE LOW VOLTAGE WIRE BACK TO AHU. CONDENSING UNITS HAVE LOW VOLTAGE WIRE BACK TO AHU.
6. ② = 120V. SMOKE/CO ALARM WITH BATTERY BACK-UP AND AUXILIARY CONTACT SO ALL SOUND TOGETHER.
7. ALL ARC-FAULT CIRCUIT BREAKERS SHALL BE COMPATIBLE WITH CEILING FANS, COMPACT AND STANDARD FLUORESCENT LAMPS/FIXTURES AND OTHER ELECTRONIC DEVICES.
8. PROVIDE PROTECTION AT ELECTRICAL BOXES AT RATED CEILING MEMBRANES PER IBC 712.4.1.2(2). BOXES TO BE LISTED FOR RATED MEMBRANES, NOT EXCEED 16 SQUARE INCHES, NOT COMBINE FOR MORE THAN 100 SQUARE INCHES IN 100 SQUARE FEET AND ANNULAR SPACE NOT EXCEED 1/8".
9. FIRE ALARM HORN/STROBE CIRCUITS SHALL BE SIZED TO ACCEPT BEDROOM HORN/STROBES IN FUTURE INCLUDING WIRING AND PANEL CAPACITY.
10. ALL RANGES SERVED BY (3) #8 & (1) #10 AND 50A. RECEPTACLE.
11. ALL WATER HEATERS SERVED BY (3) #10
12. ALL WASHERS AND REFRIGERATORS HAVE RECEPTACLES AT 48".
13. SEE HVAC SCHEDULE AND SHOP DRAWINGS FOR AHU AND HEAT PUMP CIRCUITS.
14. ALL DRYERS SERVED BY (4) #10 AND 30A. RECEPTACLE.
15. BELOW COUNTER RECEPTACLES AND PLATES SHALL MATCH THE BASE CABINETS WHERE THEY ARE MOUNTED (BROWN, WHITE, ETC.) VERIFY WITH ARCHITECT.
16. EXTERIOR RECEPTACLES SHALL BE ARLINGTON #DBVM1C RECESSED TYPE.

LEGEND:

1 SWITCHED RECEPTACLE FOR GARBAGE DISPOSER CONTINUE CIRCUIT TO DISHWASHER.
2 PROVIDE ARC-FAULT CIRCUIT BREAKER IN PANEL.
3 TELE/TV DEMARK FLUSH BOX. PROVIDE WITH DUPLEX OUTLET. PROVIDE 1" CONDUIT FROM BOX TO ABOVE CEILING AND OUT TO CEILING IN THE HALLWAY. SEE DETAILS.
4 SMOKE ALARM TO HAVE STROBES.
5 CONNECT RANGE HOOD TO TWO SWITCHES ABOVE COUNTER TO CONTROL LIGHT AND FAN.
6 PROVIDE A BELOW COUNTER RECEPTACLE FOR MICROWAVE. SEE ARCH DRAWINGS.

ELECTRICAL SYMBOLS LEGEND;

Φ	DUPLEX RECEPTACLE.
⦶	120/240V. RECEPTACLE. 30A. FOR DRYER, 50A. FOR RANGE.
ΦSW	RECEPTACLE HALF SWITCHED.
ΦU	USB CHARGING COMB. RECEPTACLE.
▼	DATA OUTLET.
▽	VOICE OUTLET.
Ⓣv	COMBINATION CATV/DATA OUTLET.
AC	ABOVE COUNTER
BC	BELOW COUNTER
◻◁	LOW FREQUENCY HORN

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE
07-02-20

TR,i ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
RENAISSANCE INFRASTRUCTURE CONSULTING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
LATIMER SOMMERS & ASSOCIATES	ELECTRICAL ENGINEER

Pearl COMPANIES

Summit at West Pryor

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CONSULTING ENGINEERS
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LSA PROJECT NO. 1904023

TR,i ARCHITECTS

TR,i Architects
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DATE: 09.12.19

REVISIONS #

1	PERMIT COMMENTS	09.06.19
6	REVISION 1	12.20.19
8	REVISION 3	04.03.20
10	REVISION 5	07.02.20

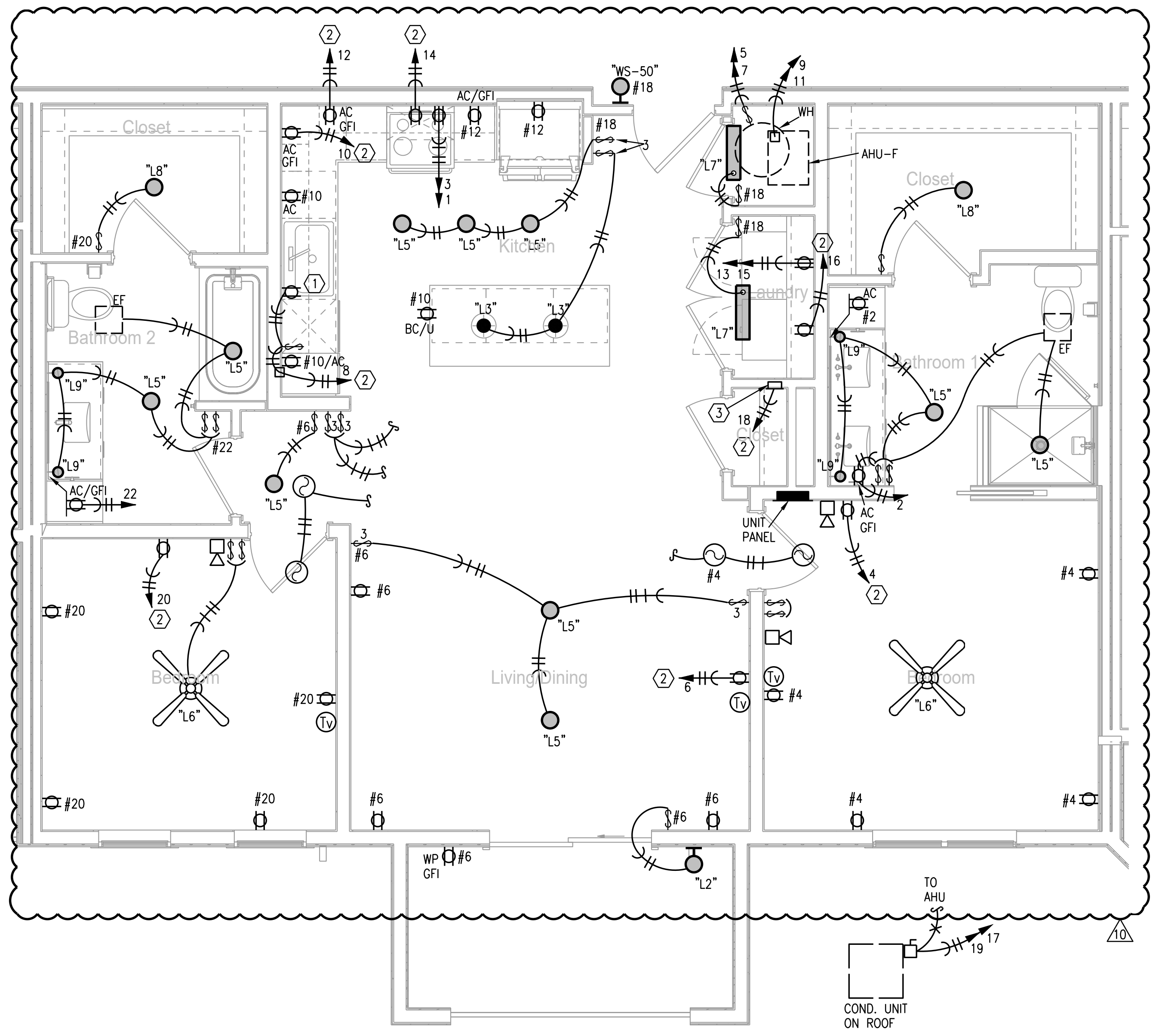
DWG BY RRB

TR,i PROJECT NO. 18-046

SHEET NO.

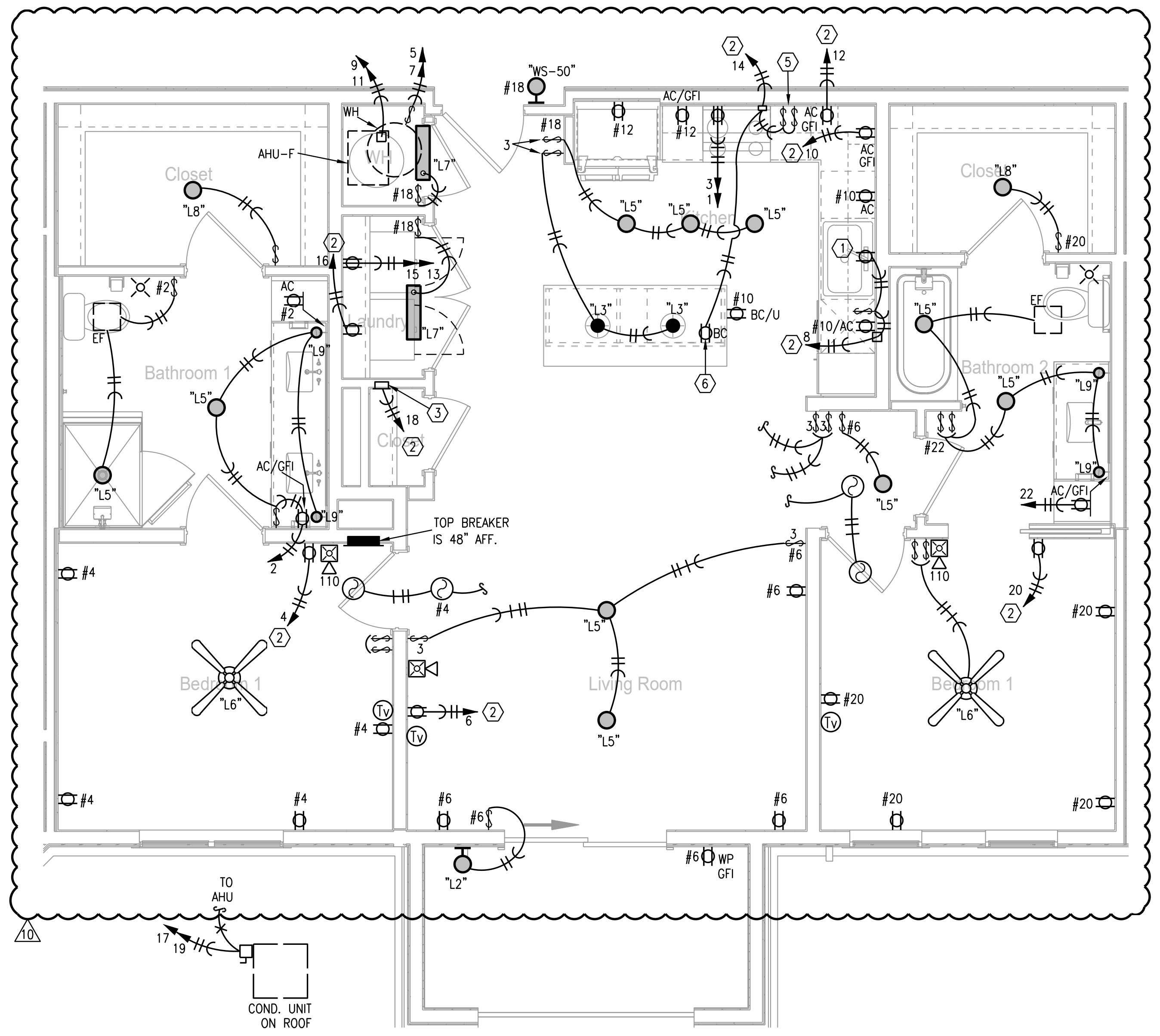
E202

TYPICAL UNIT PLANS - ELECTRICAL



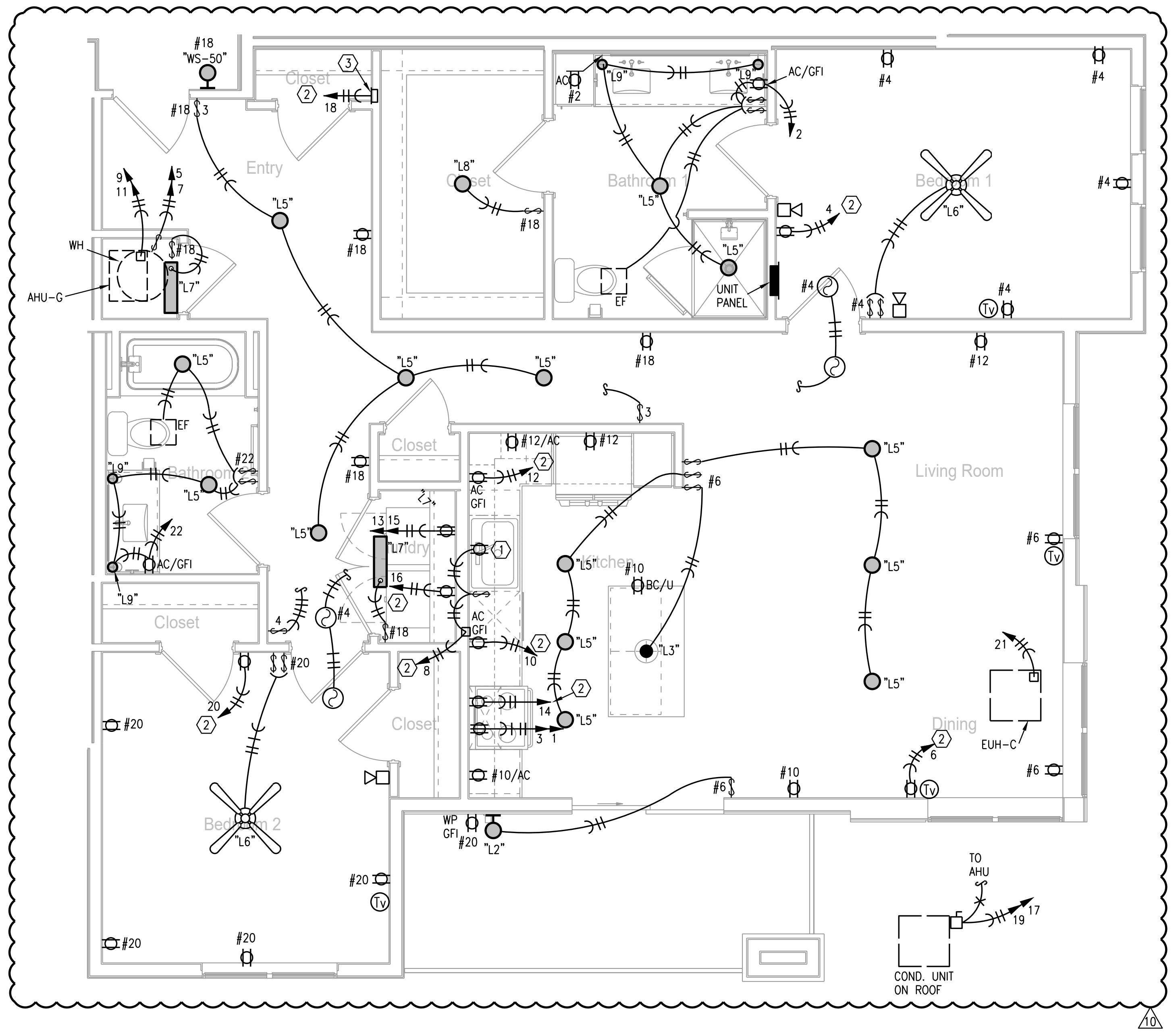
1 TYPICAL UNIT PLAN - F1

1/4"=1'-0" ELECTRICAL



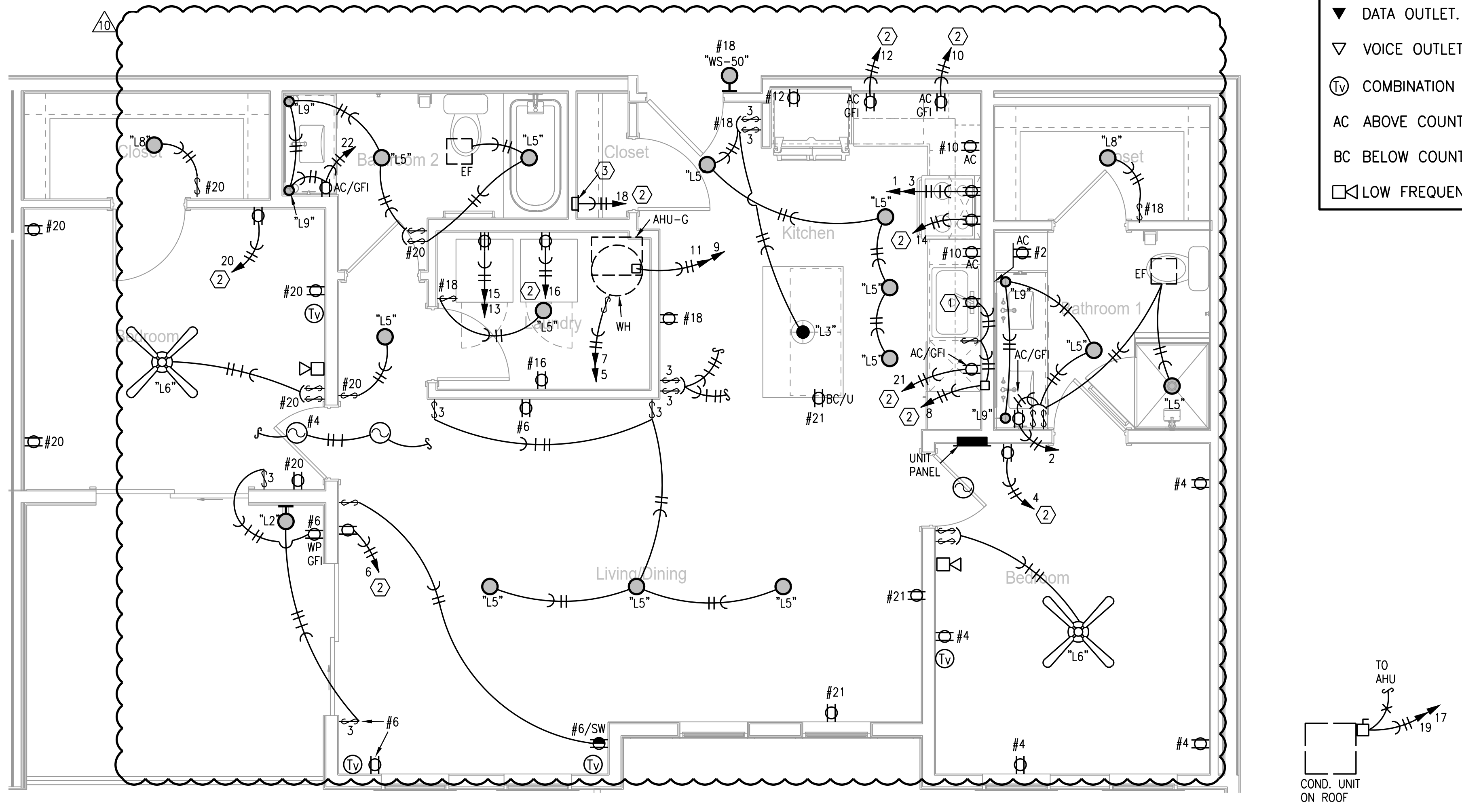
4 TYPICAL UNIT PLAN - F1 TYPE A

1/4"=1'-0" ELECTRICAL



2 TYPICAL UNIT PLAN - G

1/4"=1'-0" (UNIT G1.1 SIMILAR) ELECTRICAL



3 TYPICAL UNIT PLAN - H

1/4"=1'-0" (UNIT H2 SIMILAR) ELECTRICAL

NOTES:

1. ENTRY FIXTURE IN HALLWAYS ARE WIRED TO CORRIDOR FIXTURES. MOUNT AT 72"AFF, VERIFY WITH ARCHITECT.
2. CEILING FAN SWITCHES PROVIDED WITH FAN. CONTROL LIGHT AND FAN SEPARATELY. INTENDED FOR SINGLE GANG BOX.
3. CENTER ISLAND/PENINSULA PENDANT LIGHTS OVER BASE BACK WALL AND CENTERED EQUALLY LEFT TO RIGHT OVER SINK. THESE ARE SEPARATELY SWITCHED.
4. GENERALLY CENTER LIGHT ON WINDOWS, DOOR, HALLWAYS, SINKS, OVER TUBS, ETC. VERIFY ALL LOCATIONS IN EACH UNIT DIMENSIONALLY WITH ARCHITECT, INTERIOR DESIGNER AND OWNER. MOUNT SWITCHES CLOSE TO DOORS OR WALL CORNERS.
5. THERMOSTATS HAVE LOW VOLTAGE WIRE BACK TO AHU. CONDENSING UNITS HAVE LOW VOLTAGE WIRE BACK TO AHU.
6. ◎ = 120V. SMOKE/CO ALARM WITH BATTERY BACK-UP AND AUXILIARY CONTACT SO ALL SOUND TOGETHER.
7. ALL ARC-FAULT CIRCUIT BREAKERS SHALL BE COMPATIBLE WITH CEILING FANS, COMPACT AND STANDARD FLUORESCENT LAMPS/FIXTURES AND OTHER ELECTRONIC DEVICES.
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⦶U	USB CHARGING COMB. RECEPTACLE.
▼	DATA OUTLET.
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AC	ABOVE COUNTER
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AS NOTED ON PLANS REVIEW
~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE
07-02-20

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
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LSA PROJECT NO. 1904023

TR,i ARCHITECTS

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F: 314-395-9751
www.triarchitects.com

DATE: 09.12.19

REVISIONS #

1	PERMIT COMMENTS	09.06.19
6	REVISION 1	12.20.19
8	REVISION 3	04.03.20
10	REVISION 5	07.02.20

DWG BY RRB

TR,i PROJECT NO. 18-046

SHEET NO.

E203

TYPICAL UNIT PLANS - ELECTRICAL

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
~~DEVELOPMENT SERVICES~~
LEE'S SUMMIT, MISSOURI
07/13/2020

RICHARD R. BEARDMORE
07-02-20

△10

Multi-Family Building Load Analysis

Building: South Entrance

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
19	A1, A2	31480	598.1
6	A3, A4	31630	189.8
37	B, C	31720	1173.6
26	D1, D2	32260	838.8
21	F	32770	688.2
11	G, H	36270	399.0
		Total Building KVA	3887.4
		Total Units	120
		Diversity per NEC Table 230.84	0.23
		Diversified KVA	894.1
		Amps @ 208 V Three Phase	2484
		House Load - Amps	1000
		Total Demand - Amps	3484

Multi-Family Building Load Analysis

Building: North Entrance

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
16	A1, A2	31480	503.7
6	A3, A4	31630	189.8
37	B1, B3, C	31720	1173.6
26	D1, D2	32260	838.8
21	F	32770	688.2
11	G, H	36270	399.0
		Total Building KVA	3793.0
		Total Units	117
		Diversity per NEC Table 230.84	0.23
		Diversified KVA	872.4
		Amps @ 208 V Three Phase	2423
		House Load - Amps	1000
		Total Demand - Amps	3423

Multi-Family Building Load Analysis

Building: Meter Bank 1A/2A

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
0	A1, A2	31480	0.0
0	A3, A4	31630	0.0
8	B1, B3, C	31720	253.8
12	D1, D2	32260	387.1
8	F	32770	262.2
4	G, H	36270	145.1
		Total Building KVA	1048.1
		Total Units	32
		Diversity per NEC Table 230.84	0.31
		Diversified KVA	324.9
		Amps @ 208 V Three Phase	903
		House Load - Amps	0
		Total Demand - Amps	903

Multi-Family Building Load Analysis

Building: Meter Bank 1B

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
3	A1, A2	31480	94.4
0	A3, A4	31630	0.0
16	B1, B3, C	31720	507.5
3	D1, D2	32260	96.8
3	F	32770	98.3
4	G, H	36270	145.1
		Total Building KVA	942.1
		Total Units	29
		Diversity per NEC Table 230.84	0.33
		Diversified KVA	310.9
		Amps @ 208 V Three Phase	864
		House Load - Amps	0
		Total Demand - Amps	864

Multi-Family Building Load Analysis

Building: Meter Bank 1C/2C

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
0	A1, A2	31480	0.0
6	A3, A4	31630	189.8
6	B1, B3, C	31720	190.3
7	D1, D2	32260	225.8
10	F	32770	327.7
3	G, H	36270	108.8
		Total Building KVA	1042.4
		Total Units	32
		Diversity per NEC Table 230.84	0.31
		Diversified KVA	323.2
		Amps @ 208 V Three Phase	898
		House Load - Amps	0
		Total Demand - Amps	898

Multi-Family Building Load Analysis

Building: Meter Bank 2B

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
0	A1, A2	31480	0.0
0	A3, A4	31630	0.0
16	B1, B3, C	31720	507.5
3	D1, D2	32260	96.8
3	F	32770	98.3
4	G, H	36270	145.1
		Total Building KVA	847.7
		Total Units	26
		Diversity per NEC Table 230.84	0.34
		Diversified KVA	288.2
		Amps @ 208 V Three Phase	801
		House Load - Amps	0
		Total Demand - Amps	801

Multi-Family Building Load Analysis

Building: Meter Bank 1D/2D

Unit Quantity	Unit Type	Connected Load - VA	Total KVA
16	A1, A2	31480	503.7
0	A3, A4	31630	0.0
7	B1, B3, C	31720	222.0
4	D1, D2	32260	129.0
0	F	32770	0.0
0	G, H	36270	0.0
		Total Building KVA	854.8
		Total Units	27
		Diversity per NEC Table 230.84	0.34
		Diversified KVA	290.6
		Amps @ 208 V Three Phase	807
		House Load - Amps	0
		Total Demand - Amps	807

Unit Load Calculation

Unit: A1, A2			VA
630 square feet at 3 VA per sq. ft.			1890
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			25880
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			6352
Heater Load	5600	65%	3640
Total load			19992
Load for unit service	Amp @	208 volt/1	96
Connected Load			31480

Unit Load Calculation

Unit: A3, A4			VA
680 square feet at 3 VA per sq. ft.			2040
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			26030
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			6412
Heater Load	5600	65%	3640
Total load			20052
Load for unit service	Amp @	208 volt/1	96
Connected Load			31630

Unit Load Calculation

Unit: B1, B2, B3, C			VA
710 square feet at 3 VA per sq. ft.			2130
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			26120
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			6448
Heater Load	5600	65%	3640
Total load			20088
Load for unit service	Amp @	208 volt/1	97
Connected Load			31720

Unit Load Calculation

Unit: D1, D2			VA
890 square feet at 3 VA per sq. ft.			2670
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			26660
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			6664
Heater Load	5600	65%	3640
Total load			20304
Load for unit service	Amp @	208 volt/1	98
Connected Load			32260

Unit Load Calculation

Unit: F			VA
1060 square feet at 3 VA per sq. ft.			3180
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			27170
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			6868
Heater Load	5600	65%	3640
Total load			20508
Load for unit service	Amp @	208 volt/1	99
Connected Load			32770

Unit Load Calculation

Unit: G, H			VA
1260 square feet at 3 VA per sq. ft.			3780
2 small appliance circuits			3000
Range			8000
Microwave			1000
Washer			1500
Dryer			4400
Water Heater			4500
Dishwasher			740
Disposer			850
Total general load			27770
NEC 220-84 Calculation			
First 10 KVA at 100%			10000
Remainder at 40%			7108
Heater Load	8500	65%	5525
Total load			22633
Load for unit service	Amp @	208 volt/1	109
Connected Load			36270

ELECTRICAL PANEL SCHEDULE

PANEL: A, B, C		POLES: 24		MOUNTING:	FLUSH
BUS: 125A.	MAINS: MLO	VOLTAGE: 120/240	PHASE/WIRE:	1 Ph 3 Wire	KAIC:10K
CIRCUIT NUMBERS	DESCRIPTION		AMPS	POLES	QUANTITY
1, 3	RANGE		40	2	1
5, 7, 13, 15	WATER HEATER, DRYER		30	2	2
9, 11	AHU		40	2	1
17, 19	CONDENSING UNIT		20	2	1
2, 8 THRU 16 EVEN	LIGHTS AND RECEPTACLES		20	1	6
4, 6, 18	ARC-FAULT LIGHTS AND RECEPTACLES		20	1	3
20	SPARE		20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: D		POLES: 24		MOUNTING:	FLUSH
BUS: 125A.	MAINS: MLO	VOLTAGE: 120/240	PHASE/WIRE:	1 Ph 3 Wire	KAIC:10K
CIRCUIT NUMBERS	DESCRIPTION		AMPS	POLES	QUANTITY
1, 3	RANGE		40	2	1
5, 7, 13, 15	WATER HEATER, DRYER		30	2	2
9, 11	AHU		40	2	1
17, 19	CONDENSING UNIT		25	2	1
2, 8 THRU 16 EVEN	LIGHTS AND RECEPTACLES		20	1	6
4, 6, 18	ARC-FAULT LIGHTS AND RECEPTACLES		20	1	3
20	SPARE		20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: F		POLES: 24		MOUNTING:	FLUSH
BUS: 125A.	MAINS: MLO	VOLTAGE: 120/240	PHASE/WIRE:	1 Ph 3 Wire	KAIC:10K
CIRCUIT NUMBERS	DESCRIPTION		AMPS	POLES	QUANTITY
1, 3	RANGE		40	2	1
5, 7, 13, 15	WATER HEATER, DRYER		30	2	2
9, 11	AHU		40	2	1
17, 19	CONDENSING UNIT		25	2	1
2, 8 THRU 16 EVEN, 22	LIGHTS AND RECEPTACLES		20	1	7
4, 6, 18, 20	ARC-FAULT LIGHTS AND RECEPTACLES		20	1	4
21	SPARE		20	1	1

ELECTRICAL PANEL SCHEDULE

PANEL: G, H		POLES: 24		MOUNTING:	FLUSH
BUS: 125A.	MAINS: MLO	VOLTAGE: 120/240	PHASE/WIRE:	1 Ph 3 Wire	KAIC:10K
CIRCUIT NUMBERS	DESCRIPTION		AMPS	POLES	QUANTITY
1, 3	RANGE		40	2	1
5, 7, 13, 15	WATER HEATER, DRYER		30	2	2
9, 11	AHU		60	2	1
17, 19	CONDENSING UNIT		30	2	1
2, 8 THRU 16 EVEN, 21, 22	LIGHTS AND RECEPTACLES		20	1	8
4, 6, 18, 20	ARC-FAULT LIGHTS AND RECEPTACLES		20	1	4
23	SPARE		20	1	1

LIGHT FIXTURE SCHEDULE - COMMON AREAS

Type	MFG	Part
A	LITON	LCMPD5RW-T27 4" ROUND LED REG EDGE-LIT SURF
A3FC	CSLTROY	EDL-ADJ-27-5 ECO-DOWNLIGHT NEW CONSTRUCTION ADJ 120-277V, 2700K 90CRI
A3FC	CSLTROY	EDL-1304-4 ECO-DOWNLIGHT 3" ROUND TRIM 0 -45 WHITE/ HAZE REFLECTOR
C1 (LF)	CORE	LSM-30-27K-PF-24V
C1	CORE	PSM-100-24V
C1	CORE	ALU-SF-98-FR-SI
C1	CORE	CONNECTORS
C2 (LF)	CORE	LSM-25FX-27K-PF-24V
C2	CORE	PSM-100-24V
C2	CORE	CONNECTORS
C3 (LF)	CORE	LSM-25FX-27K-PF-24V
C3	CORE	PSM-100-24V
C3	CORE	CONNECTORS
C4 (LF)	CORE	LSM-30-27K-PF-24V
C4	CORE	PSM-100-24V
C4	CORE	ALU-SF-98-FR-SI
C4	CORE	CONNECTORS
C5 (LF)	CORE	LSM-45-27K-PF-24V
C5	CORE	PSDM-150W-24V
C5	CORE	ALU-SF-98-FR-SI
C5	CORE	CONNECTORS
D2NC	NORA	NIOB-2RNDC27XHZMPW/10 2" Iolite Round Deep Cone Reg, 1000L, 27K, HZMPW
D2NC	NORA	NHIOICD-28LE4 2" IOLITE IC AT DBL WALL HSG 120-277V
D2FC	NORA	NIOB-2RNDC27XHZMPW/10 2" Iolite Round Deep Cone Reg, 1000L, 27K, HZMPW
D2FC	NORA	NHIOICD-28LE4 2" IOLITE IC AT DBL WALL HSG 120-277V
D3FC	NORA	NIOB-2RNDC27XHZMPW/HL 2" Iolite HL Round/Round Reflector Non-Adjustable Trim, 1500/ 2000/2500lm, 2700K, Haze/MPW
D3FC	NORA	NHIOICD-215LE4 2" IC AT New Construction Housing for 1500 Lumen, 120-277V Triac/ELV/0-10V
D3NC	NORA	NIOB-2RNDC27XHZMPW/HL 2" Iolite HL Round/Round Reflector Non-Adjustable Trim, 1500/ 2000/2500lm, 2700K, Haze/MPW
D3NC	NORA	NHIOICD-215LE4 2" IC AT New Construction Housing for 1500 Lumen, 120-277V Triac/ELV/0-10V
D4NC1	NORA	NIO-4RNDC27XHZMPW/HL 4" Iolite HL Round/Round Reflector Non-Adjustable Trim, 1500/ 2000/2500lm, 2700K, Haze/MPW
D4NC1	NORA	NHIOICD-420LE4 4" IC AT New Construction Housing for 2000 Lumen, 120-277V Triac/ELV/O-10V
G2	LITON	LCALD4B060-BWWUE-D10-T27
G2W	LITON	LCALDJ2W-L09-B60UE-DUN-T27-40
G5	LITON	LCMPD5RW-T27
K1	NORA	NSW-730/30BN Ari LED Step Light w/ Vertical Wall Wash Face Plate, 30lm, 2.5W, 90+ CRI, 3000K, Brushed Nickel, 120V Non-Dimming
L	HALC	HLVT4/40U40 10316 LINEAR LED VAPORTIGHT
L1	HALC	HLVT4/40U40/EM LINEAR LED VAPORTIGHT, EM
L1-ST	MERC	L455-4-4500-35K-HTA20-1%-50-MC-UNI-EM10 **Line Note**: STAIRWELL
L3	NORA	NIOB-2RNDC27XMPW/HL 2" Iolite HL Round/Round Reflector Non-Adjustable Trim, 1500/ 2000/2500lm, 2700K, MPW
L3	NORA	NHIOICD-215LE4
LS1	FORUM	SAD-43-65LED27-SAT-SX4-UNV-BK-D10V
MS5	LIGHTHEADED	MMD-5-T-04-BA-L48-27-9002-RM
MS5	LIGHTHEADED	DRM-M5-P-120-MMD5TFP
P-01	ULTRA	14304-A1-NB-OA-04 **Line Note:** VERIFY FINISH
P-02	ET2	E24875-133PC Rinkle LED 6-Light Pendant
P-03	MATT	C76803SM
P-03	HALO	A19CL8ANT/827/LED2 85039 LED Decorative
R	HALO	HLVT4/40U40 10316 LINEAR LED VAPORTGHT
S	HALO	CSP/60U40/MS 10292 Canopy LED
S	HALO	RM/MH02 20283 Remote Programmer for Bi-Level Motion Sensor
S1	HALO	CSP/60U40/MS 10292 Canopy LED
S1	HALO	CSBBU/KIT 10297 Canopy LED
U1	LITON	IG14-BWW-T27
U2	HUNZ	M2WW-R-I-A-BK-27-PCAN
U2	HUNZ	WM100
W	CGF	GO-S-RE-10-LED25-CT3-UNV-0-10D-OTB-SV
WS-01	ULTRA	20452-23-EB-OA-04
WS-02	AFX	AUW7183200L30MVBZ Avenue
WS-51	CSLTROY	LWUD5-XX-27-XX-XXX-2-S 5" ROUND LED CYLINDER UP & DOWN WALL MOUNT 2700K **Line Note:** VERIFY FINISH
X1	EMER	ELXN400RN UNIV RED LED SP-EXIT 120/277V
X2	EMER	ELXN400R-2LEDR MICRO EXIST CMB REDD 2LED WITH RC
X4	EMER	EF44D-LEDWP MICRO LED HEAD HO DBL REMOTE WP
X5	EMER	MPR10M2LA 6V10W PLASTIC EM UNIT 4W LED
Z	RAB	WBLEDR18

OCCUPANCY SENSORS FOR COMMON AREAS

Type	MFG	Part
OS-C	STEI	DT QUATTRO COM 1-24 Dualtech PIR & 40 kHz Ultrasonic Presence Detector, Ceiling Mount, 360 Coverage, 18-24 VAC/VDC
OS-CIR	STEI	IR QUATTRO COM 1-24 **Line Note:** BIKE STORAGE
PP	STEI	TR 100 Power Pack, 120/230/277 VAC, 50/60 Hz, 24 VDC, 250 mA, 20 Amp. Relay, Manual/Auto (ON) Switching
OS-W	STEI	DT WLS 1-W Dualtech PIR & 40 kHz Ultrasonic Wall Switch Occupancy Sensor, 1 Button, 180 Coverage, 120/230/277 VAC, 50/60 Hz, White

LIGHT FIXTURE SCHEDULE - CUSTOM FIXTURES

Type	MFG	Part
CH-01	ASSP	P1343-CH01 2700K
P-04	ASSP	P1343-P04
P-04	HALC	A19FR9/827/OMNI3/LED 84967
P-04A	ASSP	P1343-P04A
P-04A	HALC	A19FR9/827/OMNI3/LED 84967
P-05	ASSP	P1343-P05
P-05	HALC	T10CL4ANT/827/LED2 85074 LED Decorative
P-06	ASSP	P1343-P06
P-06	HALC	T10CL4ANT/827/LED2 85074 LED Decorative
SM-50	ASSP	P1343-SM50
SM-50	HALC	A19FR11/827/OMNI3/LED 84971
WS-50	ASSP	P1343-WS 2700K **Line Note:** INTEGRATED LED BOARD QUOTED AS RECOMMENDED BY MFR DUE TO SMALL SIZE OF HOUSING. SOCKETED FIXTURE AVAILABLE IF DESIRED.

LIGHT FIXTURE SCHEDULE - UNITS

Type	MFG	Part
L2	ACCESS	20399LEDMG-BL Marine Grade Adjustable Wet Location LED Wallwasher
L3	MATT	P1337-C61801BK
L3	HALC	A19FR9/830/OMNI3/LED 84968
L5	NORA	NELOCAC-8R30W 8" 18W Round 3000K 80CRI Thin Surface Mount"
L6	FANIMA	FPD8534BL Kute - 52" - BL with BL Blades
L6	FANIMA	LK8534BL Kute LED Light Kit - BL
L7	AFX	SHAL052220L40MV Shaw
L8	NORA	NELOCAC-11R30W 11" 24W Round 3000K 80CRI Thin Surface Mount
L9	MATT	S03901MB
L9	HALC	T10CL4ANT/827/LED2 85074 LED Decorative

Luminaire Schedule - Units and Buildings

MARK	DESCRIPTION	MFGR	MODEL	MOUNTING	FINISH	LAMPS	NOTES
L2	Patio Light	Astro	Oslo 100	wall	text. black	1-10W LED	Wet Location
L3	Counter pendant	Hudson Valley	Lambert #612-OB	pendant	old bronze	1-15W LED	
L5	Disk Light	Halo	SLD612/8030/WH	jb/surface	white	1200 Lumen 3000K 15W LED	Wet Location
L6	5-blade fan, 3-spd, rev. w/globe	Minka-Aire	Aviation #F852L-BN/CL with light	surface	coal	1-15W LED	Energy Star - dimmable
L7	Utility Strip	Progress	P730011-030-30	surface	white	20W LED	
L8	Glass globe - small	Nuvo/Rensen House	041203	surface	br. nickel	1-10W LED	
L9	Vanity Sconce	Custom	To match Stephan Outdoor Sconce	wall	aged iron	1 - 12W LED	
WS-50	Entry Sconce	Hinkley	5650CM	pendant	satin nickel	1-10W LED	
SM-50	Drum Light	Nuvo/Rensen House	642285	surface	pol. Nickel	2- 13W LED Screw-in	
H	Back of Retail Strip	Lithonia	MNSL L46 1LL MVOLT 40K 80CRI M6	Wall	white	20W LED	
K	Closet Strip	Royal Pacific	4311W	surface	white	10W 750 Lumen LED	
L	Enclosed Strip	Williams	96-4-L40/835-HIAFR-DRV	pendant	satin nickel	4000 LUMEN 3500K LED	L! = w/battery
M	Cylinder	Prescolite	LCC8LED-W-24L-30K-8-Z	wall	zet	2400 Lumen 3000K 33W LED	
N	Decorative Light	Allowance	$1,500	jb/surface	white	1200 Lumen 3000K 15W LED	
P	Public Vanity	Progress	P300182-009-30	wall	br. nickel	L35W LED	
R	Elevator Pit	Royal Pacific	4306WH	surface	white	35W 3000 Lumen 4000K LED	
S	Garage Light	Royal Pacific	4431OB-60-MS	surface	standard	60W 4000K	with 50% motion dimming
S1	Garage Light	Royal Pacific	4431OB-60-MS	surface	standard	60W 4000K	with 50% motion dimming/battery
T	Public Vanity	Progress	P300182-009-30	wall	br. nickel	L35W LED	
U	Fitness Linear	Williams	75S-4-L30-8-30	surface	white	3000 Lumen 3000K LED	see plans for length
V	Club Fitness Fan	Big Ass Fans	B3213-X4-AB-04-02-D-01	pendant	alum. black	none	
W	Sconce	Visa	OW1295-L35K-H-GSIL	wall	Graphite silver	15W 800 Lumen 3000K LED	
X1	Exit	Lithonia	LHQM-LED-R-HO-RO	surface	white/red	1.5W LED	
X2	Exit w/heads	Lithonia	LHQM-LED-R-HO	surface	white/red	1.5W LED	
X3	Exit w/heads and remote	Lithonia	LHQM-LED-R-HO-ELAQ-L0309	surface	white/red	1.5W LED	
X4	Exterior Remote Head	Lithonia	ELA-LED	surface	std	1W LED	
X5	Dual-Head Emergency	Lithonia	ELM4L	surface	std	640 lumen	
Z						69W 7900 lumen 4000K LED	

ARCHITECT	TR,i ARCHITECTS
STRUCTURAL ENGINEER	BOB D CAMPBELL & COMPANY
CIVIL ENGINEER	RENAISSANCE INFRASTRUCTURE CONSULTING
GENERAL CONTRACTOR	BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER	LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER	LATIMER SOMMERS & ASSOCIATES

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REVISIONS △#

△8	REVISION 3	04.03.20
△10	REVISION 5	07.02.20

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LSA PROJECT NO. 1904023

DWG BY RRB

TR,i PROJECT NO. 18-046

SHEET NO.

E305

ELECTRICAL SCHEDULES