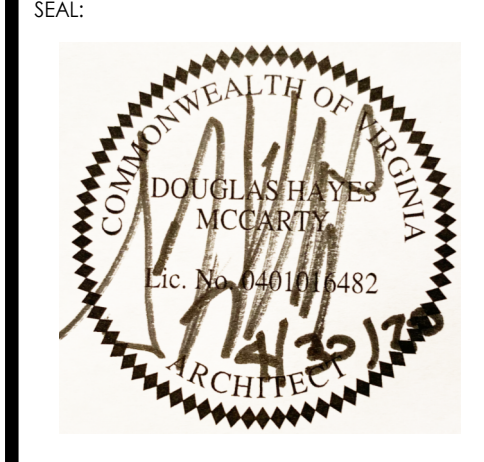


DAMASCUS TRAIL CENTER

223 W. Laurel Ave., Damascus, VA
DAMASCUS, VIRGINIA 24236

- ACTIVE DESIGN PHASE**
- SCHEMATIC DESIGN
 - DESIGN DEVELOPMENT
 - REDL-CHECK
 - CONSTRUCTION DOCUMENTS
 - CONSTRUCTION BIDDING PHASE
 - CONSTRUCTION ADMINISTRATION



McCarty Holsaple McCarty, Inc.
Do NOT scale drawings, use given dimensions only.
As a professional, verify correct dimension with a
Contractor. Contractor shall check and verify all
dimensions and conditions of job site.

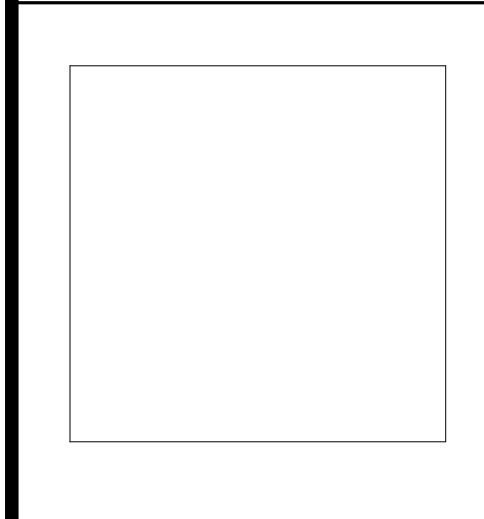
CONSULTANT INFORMATION

NO.	DATE	DESCRIPTION

CODES OFFICIAL REVIEW

NO.	DATE	DESCRIPTION

KEY PLAN



REVISION INFORMATION

NO.	DATE	DESCRIPTION

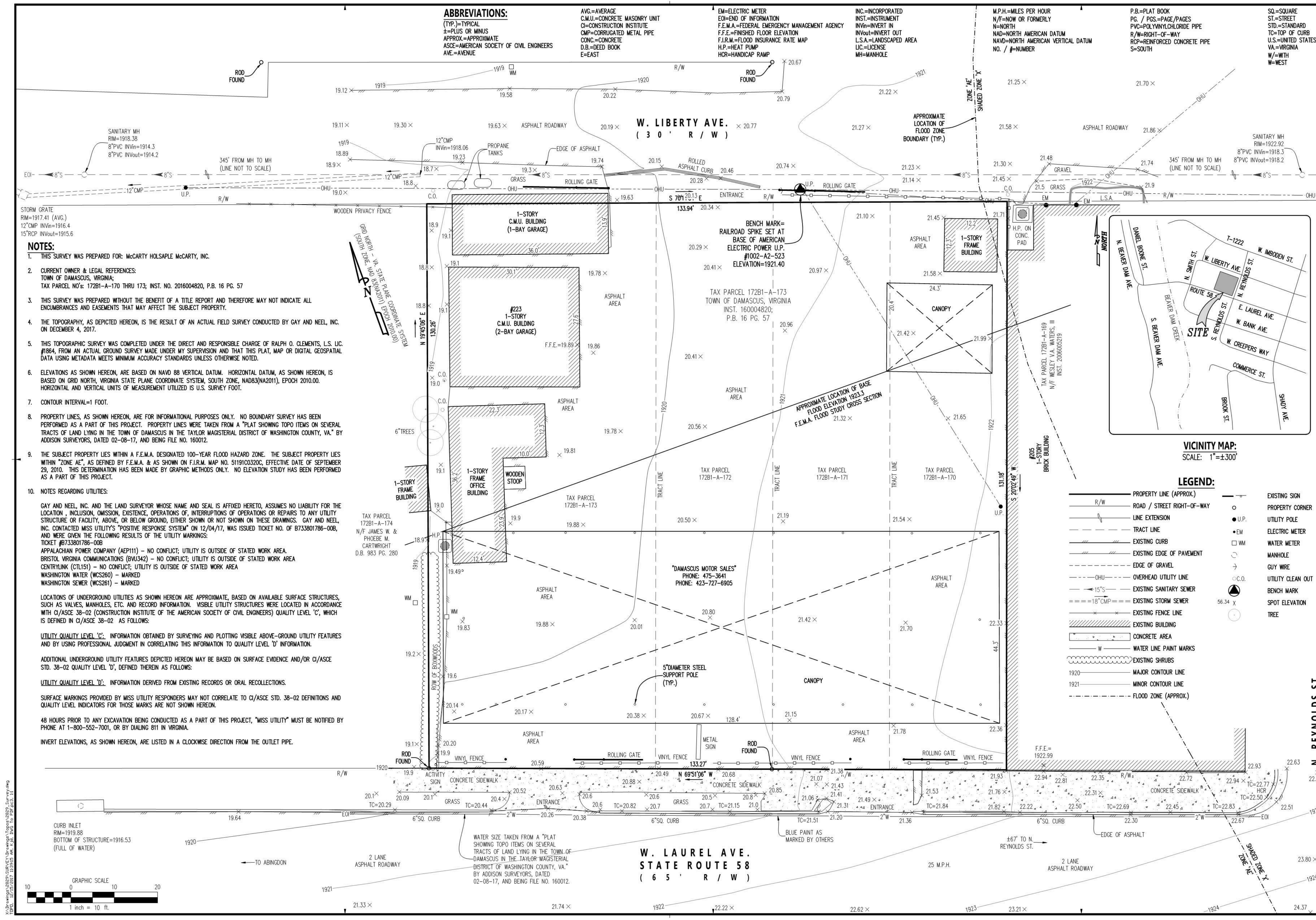
DRAWING INFORMATION

SCALE:
SCALE GUIDE: 15 OCT 2019
DWG ISSUED: D. COLLINS
FR./MGR: J. THOMAS
PA./PC: B. RAINES
DRAWN BY: Author
CHECKED BY: B. RAINES
DRAWING TITLE:
SURVEY
DRAWING NO.: **V000**

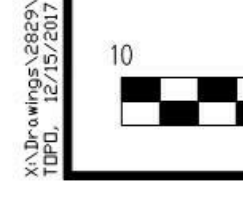
BINDING EDGE

BINDING EDGE

BINDING EDGE



- NOTES:**
- THIS SURVEY WAS PREPARED FOR: MCCARTY HOLSAPLE MCCARTY, INC.
 - CURRENT OWNER & LEGAL REFERENCES:
TOWN OF DAMASCUS, VIRGINIA
TAX PARCEL NO.'S: 172B1-A-170 THRU 173; INST. NO. 2016004820, P.B. 16 PG. 57
 - THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND THEREFORE MAY NOT INDICATE ALL ENCUMBRANCES AND EASEMENTS THAT MAY AFFECT THE SUBJECT PROPERTY.
 - THE TOPOGRAPHY, AS DEPICTED HEREON, IS THE RESULT OF AN ACTUAL FIELD SURVEY CONDUCTED BY GAY AND NEEL, INC. ON DECEMBER 4, 2017.
 - THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF RALPH O. CLEMENTS, L.S. LIC. #1864, FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION AND THAT THIS PLAT, MAP OR DIGITAL GEOSPATIAL DATA USING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.
 - ELEVATIONS AS SHOWN HEREON, ARE BASED ON NAVD 88 VERTICAL DATUM. HORIZONTAL DATUM, AS SHOWN HEREON, IS BASED ON GRID NORTH, VIRGINIA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD83(NA2011), EPOCH 2010.00. HORIZONTAL AND VERTICAL UNITS OF MEASUREMENT UTILIZED IS U.S. SURVEY FOOT.
 - CONTOUR INTERVAL=1 FOOT.
 - PROPERTY LINES, AS SHOWN HEREON, ARE FOR INFORMATIONAL PURPOSES ONLY. NO BOUNDARY SURVEY HAS BEEN PERFORMED AS A PART OF THIS PROJECT. PROPERTY LINES WERE TAKEN FROM A "PLAT SHOWING TOPO ITEMS ON SEVERAL TRACTS OF LAND LYING IN THE TOWN OF DAMASCUS IN THE TAYLOR MAGISTERIAL DISTRICT OF WASHINGTON COUNTY, VA." BY ADDISON SURVEYORS, DATED 02-08-17, AND BEING FILE NO. 160012.
 - THE SUBJECT PROPERTY LIES WITHIN A F.E.M.A. DESIGNATED 100-YEAR FLOOD HAZARD ZONE. THE SUBJECT PROPERTY LIES WITHIN "ZONE AE", AS DEFINED BY F.E.M.A. & AS SHOWN ON F.I.R.M. MAP NO. 51191C0320C, EFFECTIVE DATE OF SEPTEMBER 29, 2010. THIS DETERMINATION HAS BEEN MADE BY GRAPHIC METHODS ONLY. NO ELEVATION STUDY HAS BEEN PERFORMED AS A PART OF THIS PROJECT.
 - NOTES REGARDING UTILITIES:**
GAY AND NEEL, INC. AND THE LAND SURVEYOR WHOSE NAME AND SEAL IS AFFIXED HERETO, ASSUMES NO LIABILITY FOR THE LOCATION, INCLUSION, OMISSION, EXISTENCE, OPERATIONS OF, INTERRUPTIONS OF OPERATIONS OR REPAIRS TO ANY UTILITY STRUCTURE OR FACILITY, ABOVE, OR BELOW GROUND, EITHER SHOWN OR NOT SHOWN ON THESE DRAWINGS. GAY AND NEEL, INC. CONTACTED MISS UTILITIES' "POSITIVE RESPONSE SYSTEM" ON 12/04/17, WAS ISSUED TICKET NO. OF B733801786-008, AND WERE GIVEN THE FOLLOWING RESULTS OF THE UTILITY MARKINGS:
APPALACHIAN POWER COMPANY (AEP111) - NO CONFLICT; UTILITY IS OUTSIDE OF STATED WORK AREA.
BRISTOL VIRGINIA COMMUNICATIONS (BVU342) - NO CONFLICT; UTILITY IS OUTSIDE OF STATED WORK AREA.
CENTURUM (CCL151) - NO CONFLICT; UTILITY IS OUTSIDE OF STATED WORK AREA.
WASHINGTON WATER (WCS260) - MARKED.
WASHINGTON SEWER (WCS261) - MARKED.
LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE APPROXIMATE, BASED ON AVAILABLE SURFACE STRUCTURES, SUCH AS VALVES, MANHOLES, ETC. AND RECORD INFORMATION. VISIBLE UTILITY STRUCTURES WERE LOCATED IN ACCORDANCE WITH C/ASCE 38-02 (CONSTRUCTION INSTITUTE OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS) QUALITY LEVEL 'C', WHICH IS DEFINED IN C/ASCE 38-02 AS FOLLOWS:
UTILITY QUALITY LEVEL 'C': INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL 'D' INFORMATION.
ADDITIONAL UNDERGROUND UTILITY FEATURES DEPICTED HEREON MAY BE BASED ON SURFACE EVIDENCE AND/OR C/ASCE STD. 38-02 QUALITY LEVEL 'D', DEFINED THEREIN AS FOLLOWS:
UTILITY QUALITY LEVEL 'D': INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.
SURFACE MARKINGS PROVIDED BY MISS UTILITY RESPONDERS MAY NOT CORRELATE TO C/ASCE STD. 38-02 DEFINITIONS AND QUALITY LEVEL INDICATORS FOR THOSE MARKS ARE NOT SHOWN HEREON.
48 HOURS PRIOR TO ANY EXCAVATION BEING CONDUCTED AS A PART OF THIS PROJECT, "MISS UTILITY" MUST BE NOTIFIED BY PHONE AT 1-800-552-7001, OR BY DIALING 811 IN VIRGINIA.
INVERT ELEVATIONS, AS SHOWN HEREON, ARE LISTED IN A CLOCKWISE DIRECTION FROM THE OUTLET PIPE.



25
YEARS
OF
EXPERIENCE
IN
LAND PLANNING & SURVEYING

GAY AND NEEL, INC.
1260 Radford Street
Christiansburg, Virginia 24073
Phone: (540) 381-6011
Fax: (540) 381-2773
Email: info@gayandneel.com
Web: www.gayandneel.com

Topographic Survey of
Tax Parcel 172B1-A-170 Thru 173

Situated Along
W. Laurel Ave. & W. Liberty Ave.
Town of Damascus
Taylor Magisterial District
Washington County, Virginia

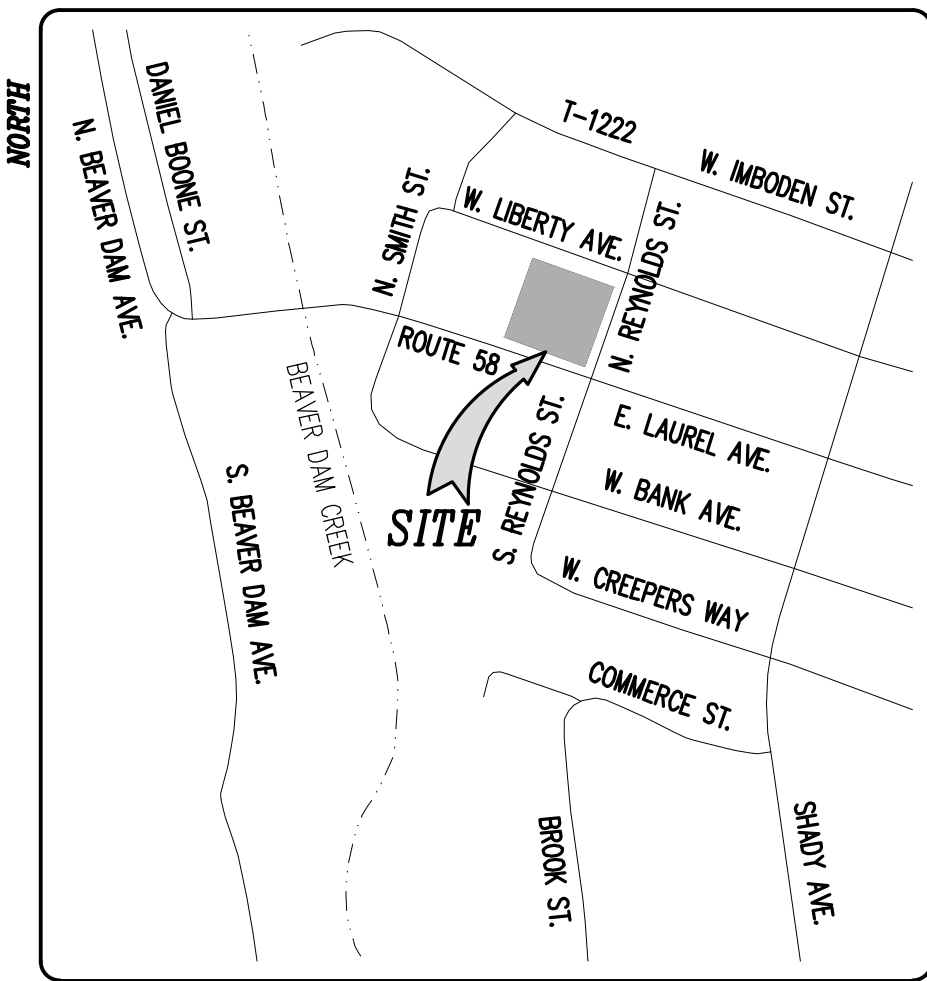
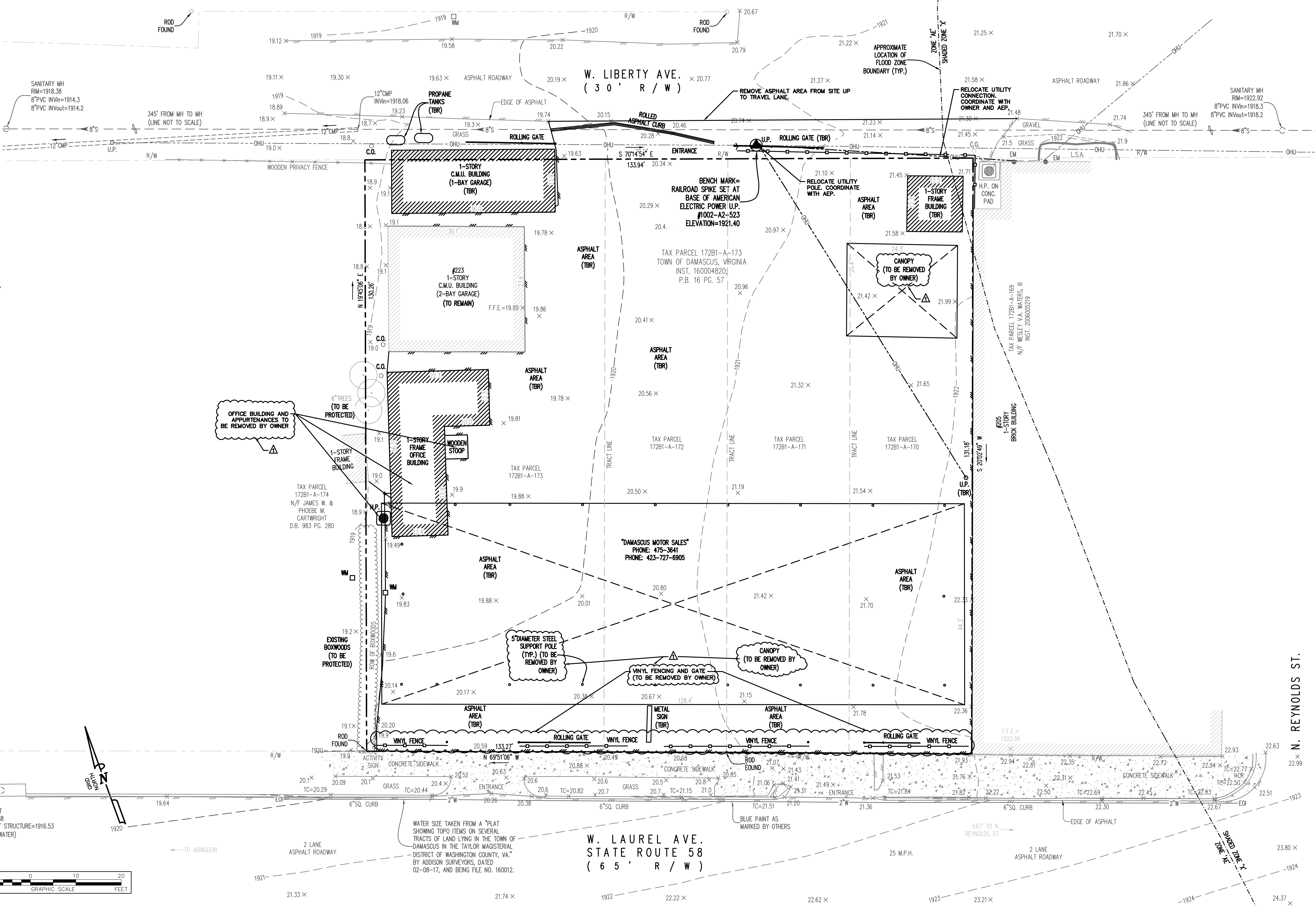
RALPH O. CLEMENTS
Lic. No. 1864
LAND SURVEYOR

PROJECT TEAM

PM	ROC
TECH	KJD
CREW	DWS,SCL

CONTRACT NO. 2829.00
ISSUE DATE 12/04/17
SHEET NUMBER 1 OF 1

- NOTES:**
- THIS SURVEY WAS PREPARED FOR: McCARTY HOLSAPLE McCARTY, INC.
 - CURRENT OWNER & LEGAL REFERENCES:
TOWN OF DAMASCUS, VIRGINIA;
TAX PARCEL NO'S: 17281-A-170 THRU 173; INST. NO. 2016004820, P.B. 16 PG. 57
 - THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND THEREFORE MAY NOT INDICATE ALL ENCUMBRANCES AND EASEMENTS THAT MAY AFFECT THE SUBJECT PROPERTY.
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 - THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF RALPH O. CLEMENTS, L.S. LIC. #7064, FROM AN ACTUAL GROUND SURVEY MADE UNDER SUPERVISION AND THAT THIS PLAT, MAP OR DIGITAL GEOSPATIAL DATA USING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.
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 - CONTOUR INTERVAL=1 FOOT.
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 - NOTES REGARDING UTILITIES:
GAY AND NEEL, INC. AND THE LAND SURVEYOR WHOSE NAME AND SEAL IS AFFIXED HERETO, ASSUMES NO LIABILITY FOR THE LOCATION, INCLUSION, OMISSION, EXISTENCE, OPERATIONS OF, INTERRUPTIONS OF OPERATIONS OR REPAIRS TO ANY UTILITY STRUCTURE OR FACILITY, ABOVE, OR BELOW GROUND, EITHER SHOWN OR NOT SHOWN ON THESE DRAWINGS. GAY AND NEEL, INC. CONTACTED MISS UTILITIES "POSITIVE RESPONSE SYSTEM" ON 12/04/17, WAS ISSUED TICKET NO. OF 8733801786-008, AND WERE GIVEN THE FOLLOWING RESULTS OF THE UTILITY MARKINGS:
TICKET #8733801786-008
APPALACHIAN POWER COMPANY (AP111) - NO CONFLICT; UTILITY IS OUTSIDE OF STATED WORK AREA.
Bristol, VIRGINIA COMMUNICATIONS (BRI342) - NO CONFLICT; UTILITY IS OUTSIDE OF STATED WORK AREA.
CENTURYLINK (CTL151) - NO CONFLICT; UTILITY IS OUTSIDE OF STATED WORK AREA.
WASHINGTON WATER (WCS261) - MARKED
LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE APPROXIMATE, BASED ON AVAILABLE SURFACE STRUCTURES, SUCH AS VALVES, MANHOLES, ETC. AND RECORD INFORMATION. VISIBLE UTILITY STRUCTURES WERE LOCATED IN ACCORDANCE WITH C/ASCE 38-02 (CONSTRUCTION INSTITUTE OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS) QUALITY LEVEL "C", WHICH IS DEFINED IN C/ASCE 38-02 AS FOLLOWS:
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INVERT ELEVATIONS, AS SHOWN HEREON, ARE LISTED IN A CLOCKWISE DIRECTION FROM THE OUTLET PIPE.



- LEGEND:**
- PROPERTY LINE (APPROX)
 - ROAD / STREET RIGHT-OF-WAY
 - LINE EXTENSION
 - TRACT LINE
 - EXISTING CURB
 - EXISTING EDGE OF PAVEMENT
 - EDGE OF GRAVEL
 - OVERHEAD UTILITY LINE
 - EXISTING SANITARY SEWER
 - EXISTING STORM SEWER
 - EXISTING FENCE LINE
 - EXISTING BUILDING
 - CONCRETE AREA
 - WATER LINE PAINT MARKS
 - EXISTING SHRUBS
 - MAJOR CONTOUR LINE
 - MINOR CONTOUR LINE
 - FLOOD ZONE (APPROX)
 - EXISTING SIGN
 - PROPERTY CORNER
 - UTILITY POLE
 - ELECTRIC METER
 - WATER METER
 - MANHOLE
 - GUY WIRE
 - UTILITY CLEAN OUT
 - BENCH MARK
 - SPOT ELEVATION
 - TREE
 - TO BE REMOVED



BINDING EDGE

BINDING EDGE

BINDING EDGE

**MCCARTY
HOLSAPLE
McCARTY**
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

17063
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: DAVID COLLINS, AIA, LEED AP
EMAIL: DCollins@mhmcc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhmcc.com

DAMASCUS TRAIL CENTER
223 W. Laurel Ave. Damascus, VA
DAMASCUS, VIRGINIA 24542

ACTIVE DESIGN PHASE
 SCHEMATIC DESIGN
 DESIGN DEVELOPMENT
 RED-CHECK
 CONSTRUCTION DOCUMENTS
 CONSTRUCTION BIDDING PHASE
 CONSTRUCTION ADMINISTRATION

TREXOR M. KIMZEY
Lic. No. 036354
10/15/2019
PROFESSIONAL ENGINEER

CONSULTANT INFORMATION
GAY AND NEEL, INC.
1260 Radford Street
Christiansburg, Virginia 24073
Phone: (540) 381-6011
Fax: (540) 381-2773
Web: www.gayandneel.com

REVISION INFORMATION
NO. DATE DESCRIPTION
1 7/27/2018 REVISION #2

DRAWING INFORMATION
SCALE: As Indicated
SCALE GUIDE: 10/15/2019
PREPARED BY: MICHAEL G. GAY, PE
PA/PC: TREVOR M. KIMZEY, PE
CHECKED BY: SEC
DRAWING TITLE: DEMOLITION PLAN

KEY PLAN

DEMOLITION PLAN

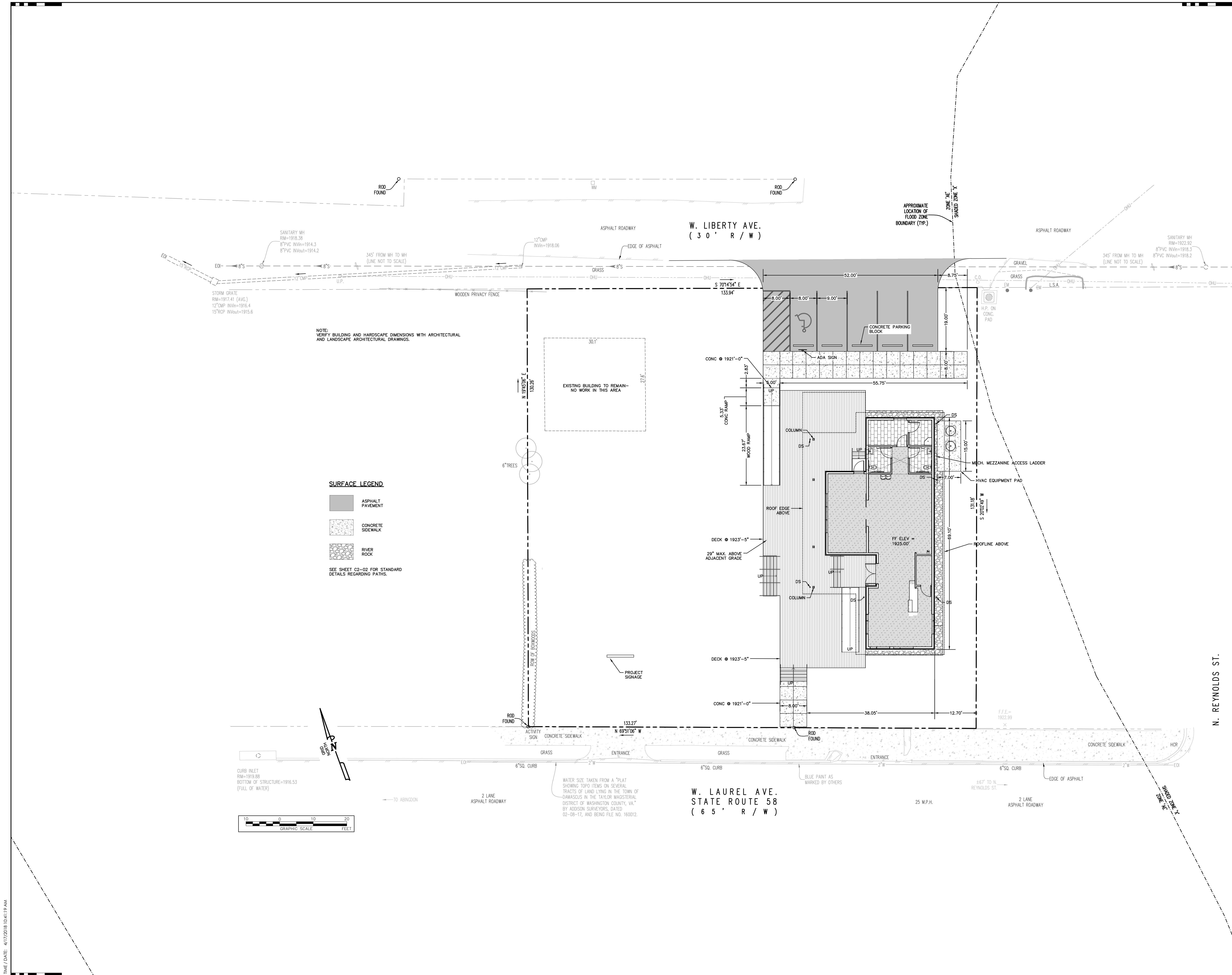
DRAWING NO: C1-01

TIME/DATE: 4/17/2018 10:41:19 AM

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BINDING EDGE

BINDING EDGE



TIME / DATE: 4/17/2018 10:41:19 AM

MCCARTY
HOLSAPLE
MCCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

17063

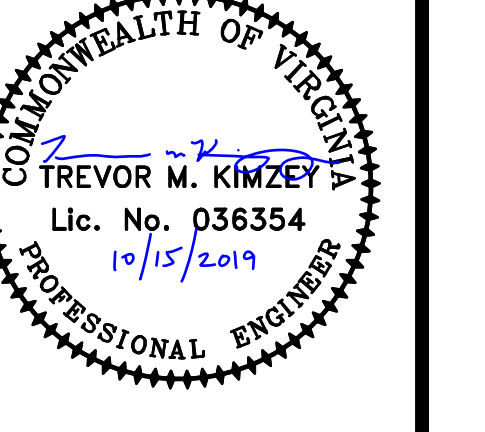
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: DAVID COLLINS, AIA, LEED AP
EMAIL: DCollins@mhmnc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhmnc.com

PROJECT INFORMATION
CONTRACT: SRC-00000000000000

DAMASCUS TRAIL CENTER
223 W Laurel Ave. Damascus, VA
DAMASCUS, VIRGINIA 24236

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK**
- CONSTRUCTION DOCUMENTS
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION



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CONSULTANT INFORMATION

GAY AND NEEL, INC.
ENGINEERING • LANDSCAPE ARCHITECTURE • SURVEYING

1260 Radford Street
Christiansburg, Virginia 24073
Phone: (540) 381-6011
Fax: (540) 381-2773
Web: www.gayandneel.com

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE: As Indicated

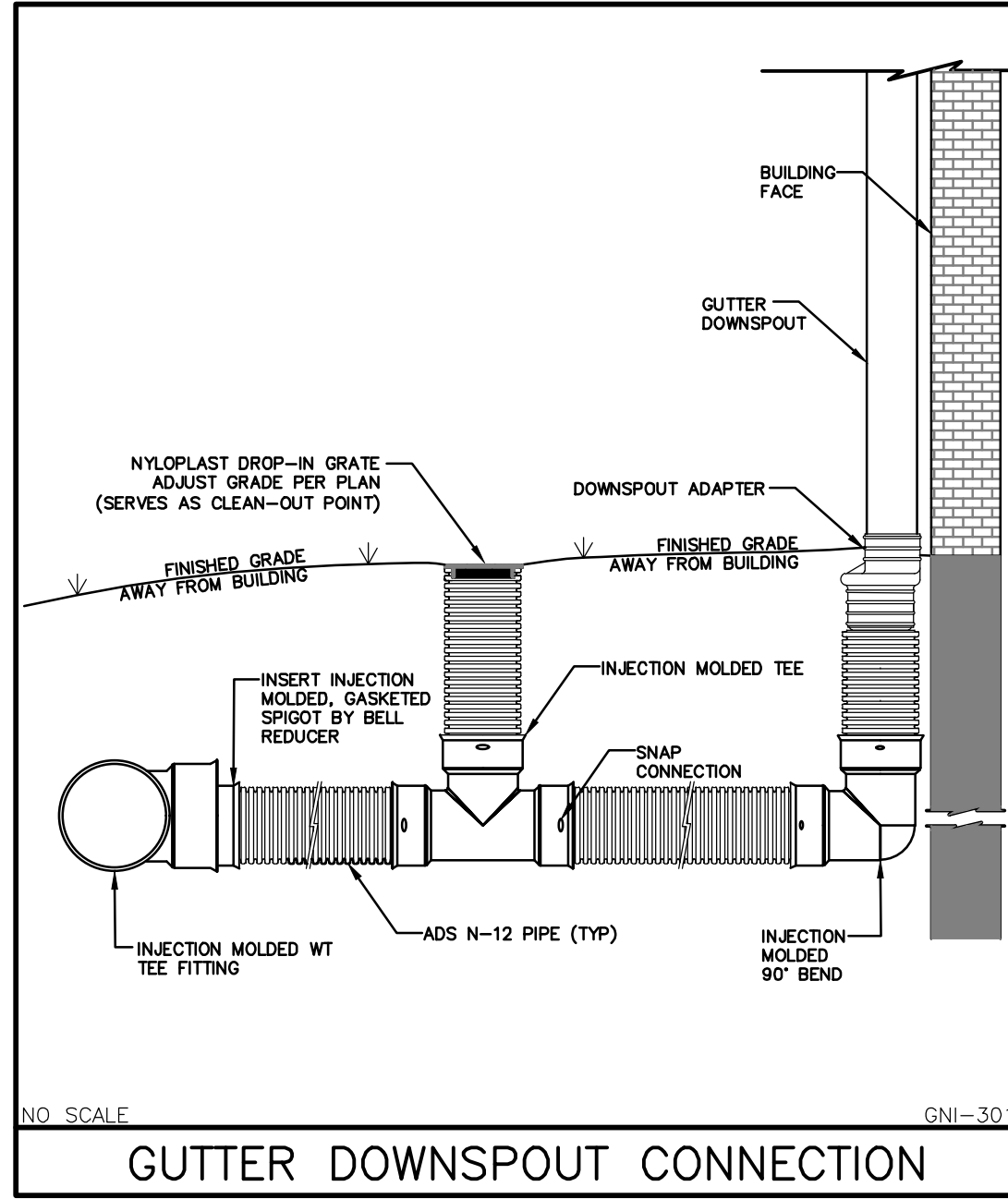
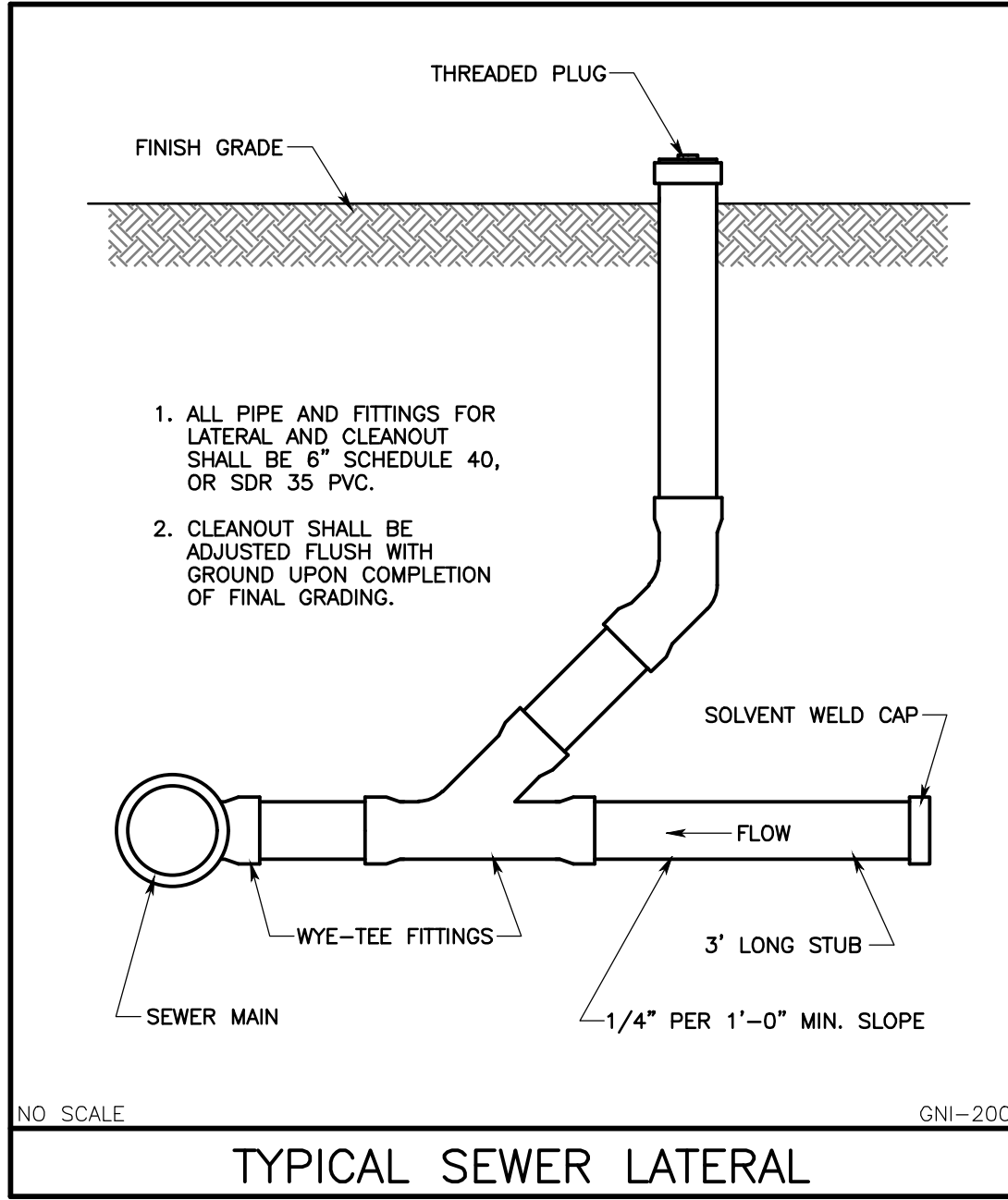
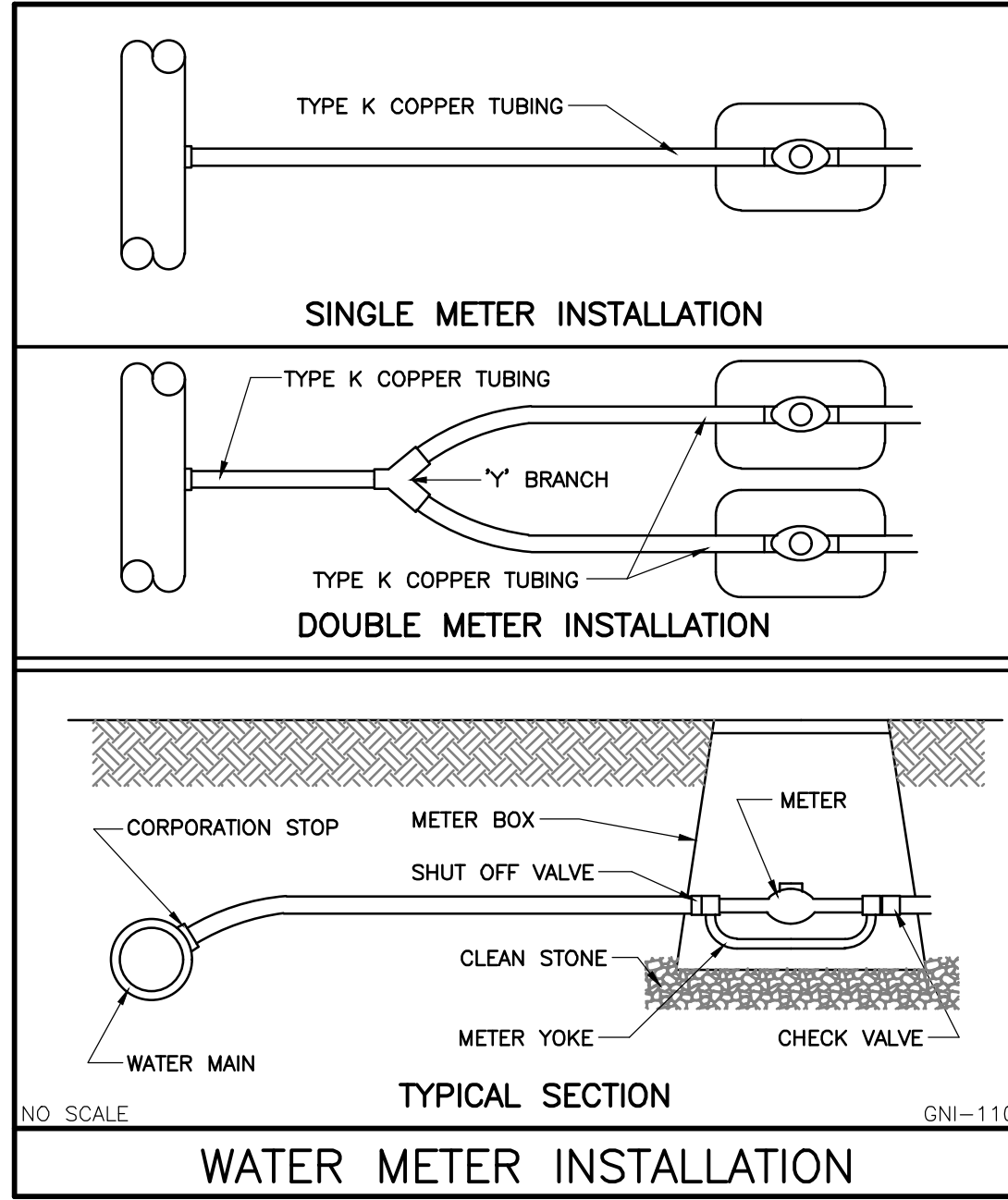
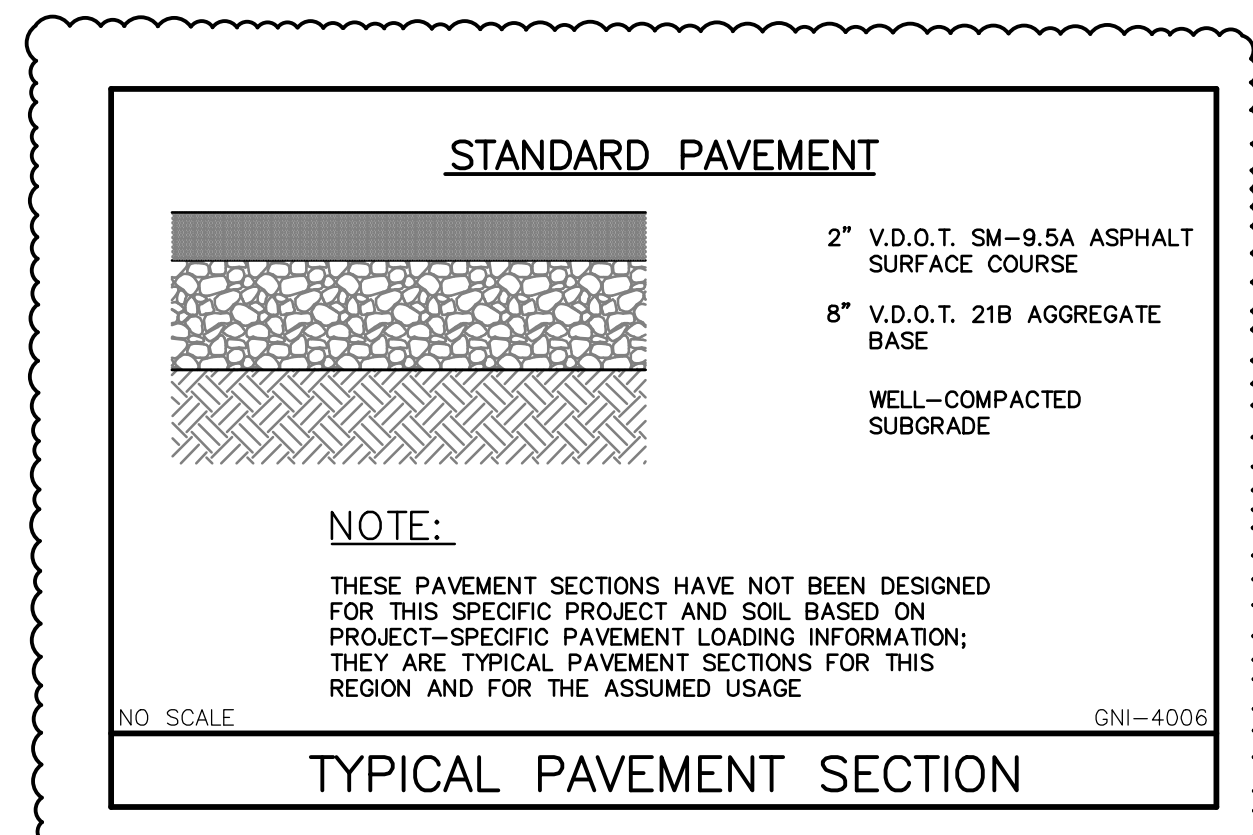
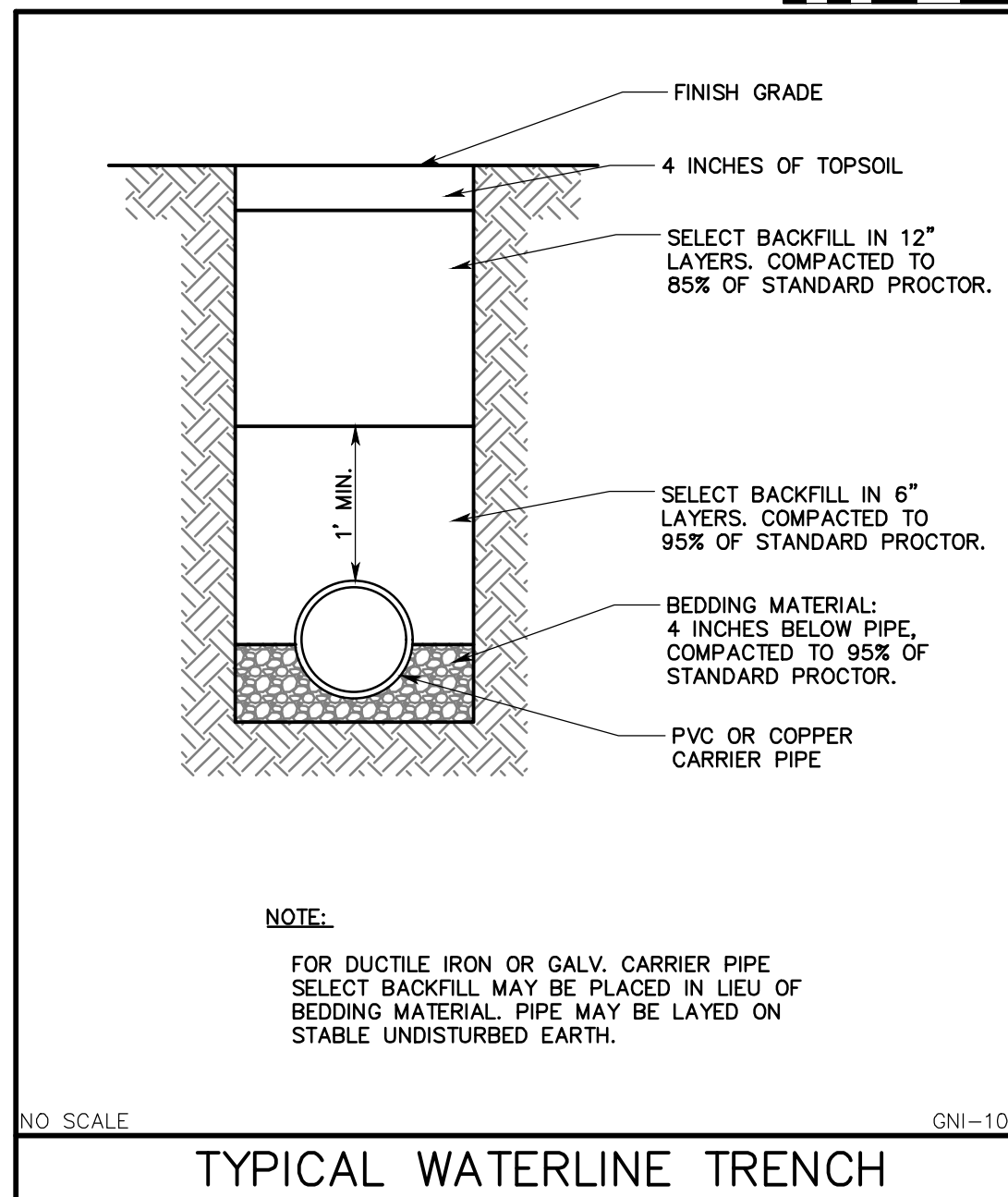
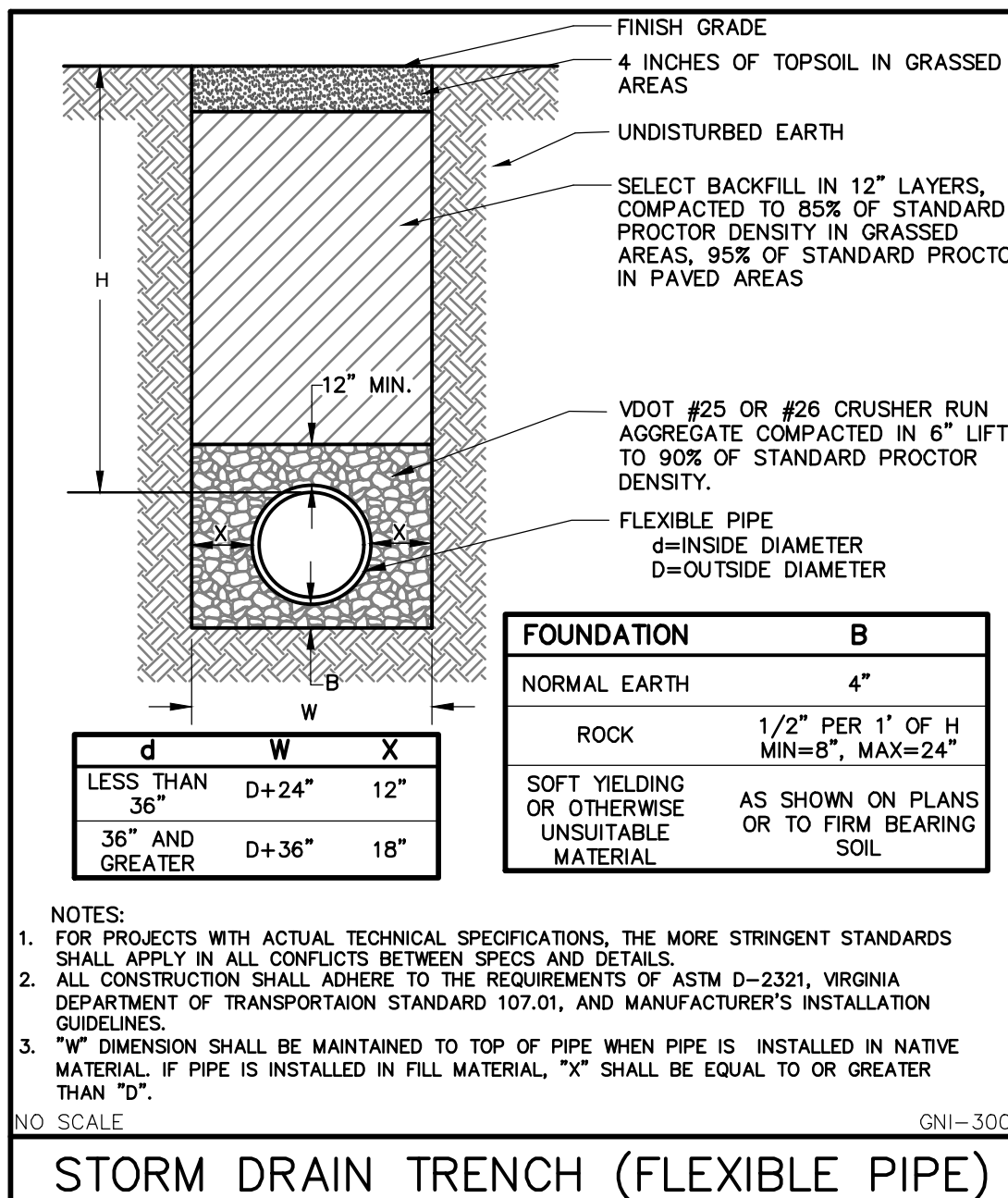
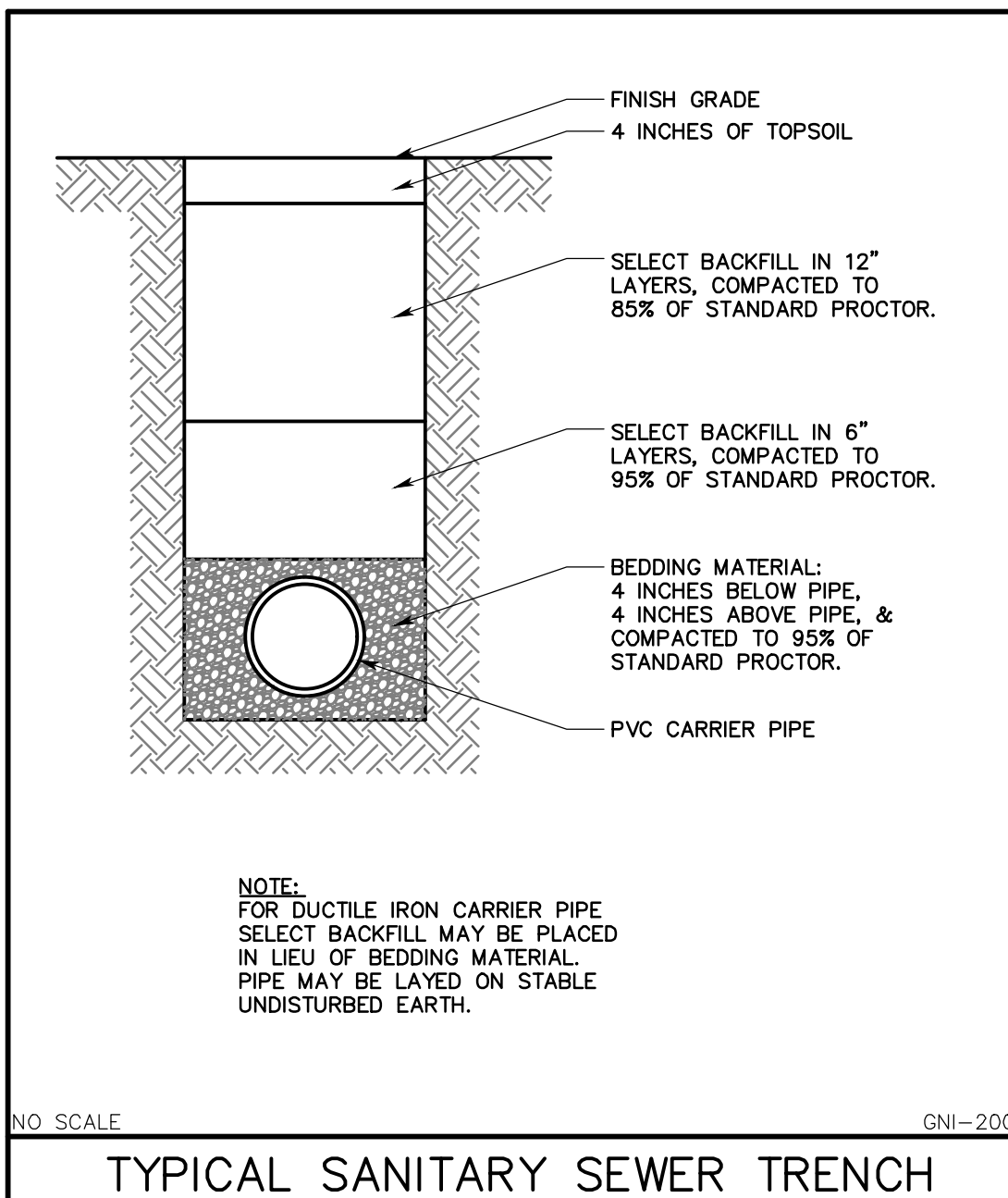
SCALE GUIDE:

DATE ISSUED:	10/15/2019
PRJ MGR:	MICHAEL G. GAY, PE
PA / PC:	TREVOR M. KIMZEY, PE
DRAWN BY:	SEC
CHECKED BY:	
DRAWING TITLE:	

BINDING EDGE

BINDING EDGE

BINDING EDGE



MCCARTY HOLSAPLE MCCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

17063

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT: DAVID COLLINS, AIA, LEED AP
EMAIL: DCollins@mhmcc.com

TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhmcc.com

PROJECT INFORMATION
CONTRACT: SRC-00000000000000

DAMASCUS TRAIL CENTER
223 W Laurel Ave. Damascus, VA
DAMASCUS, VIRGINIA 24534

ACTIVE DESIGN PHASE
 SCHEMATIC DESIGN
 DESIGN DEVELOPMENT
 REDI-CHECK
 CONSTRUCTION DOCUMENTS
 CONSTRUCTION BIDDING PHASE
 CONSTRUCTION ADMINISTRATION

SEAL:
COMMONWEALTH OF VIRGINIA
TREVOR M. KIMZEY
Lic. No. 036354
10/15/2019
PROFESSIONAL ENGINEER

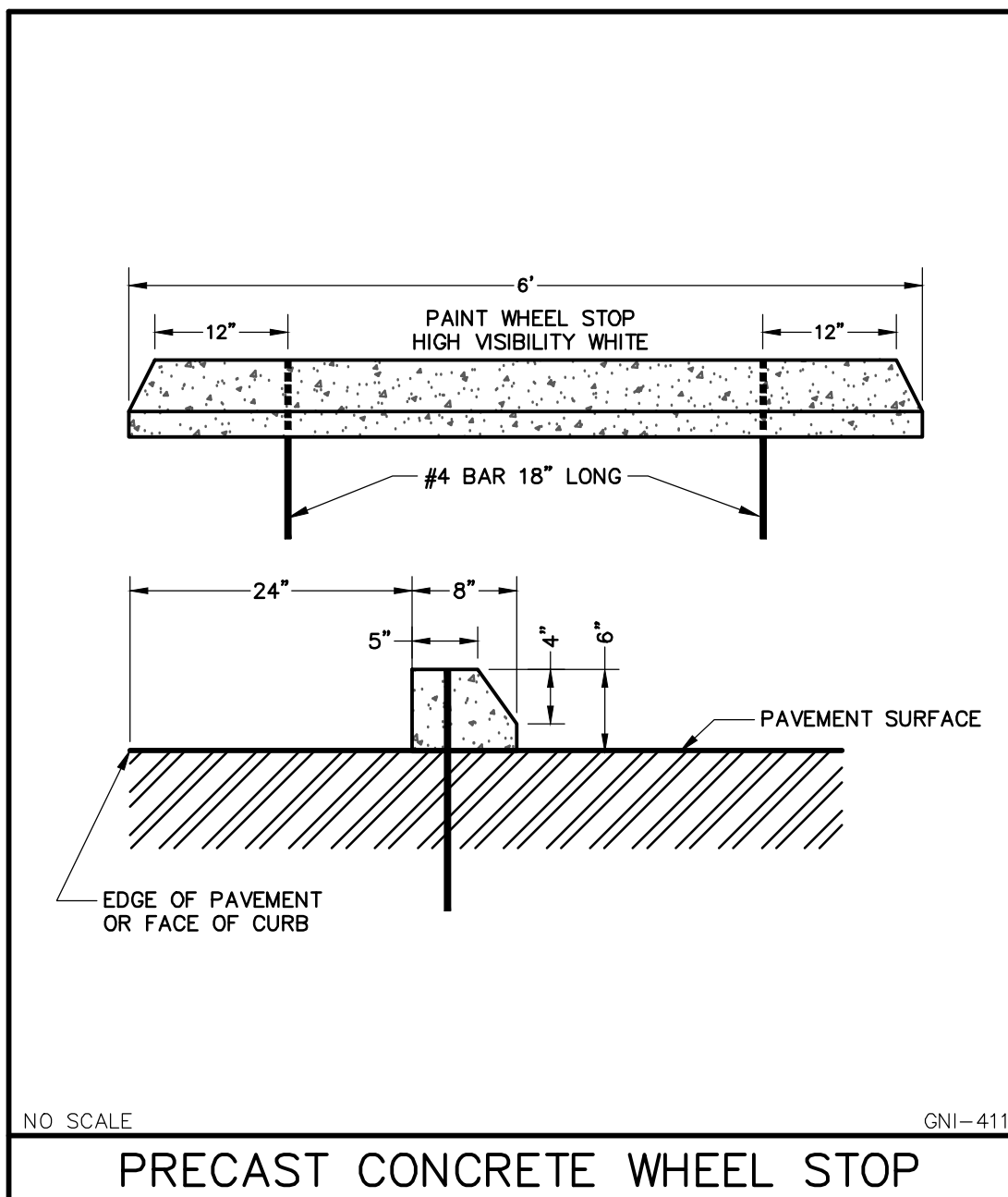
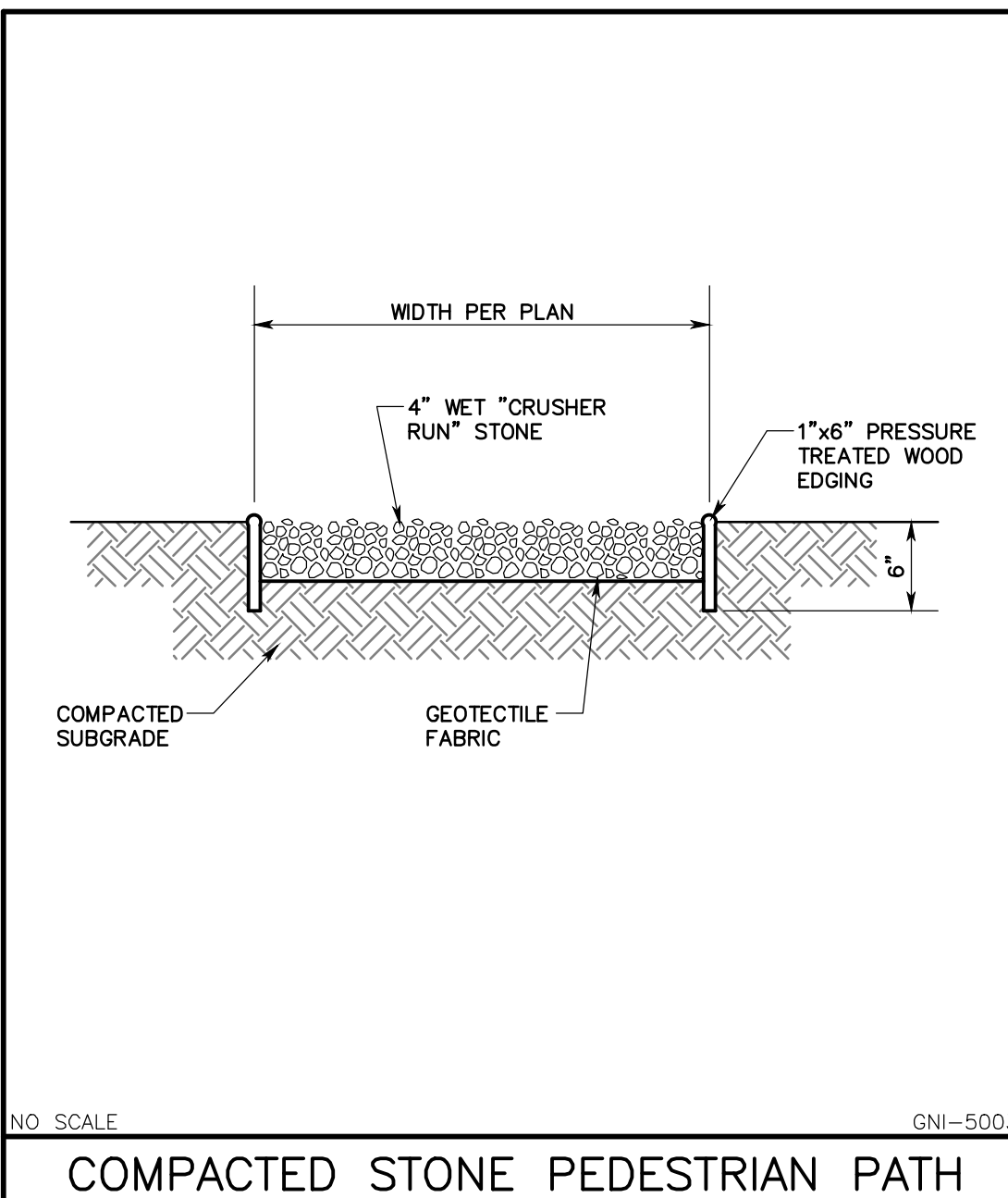
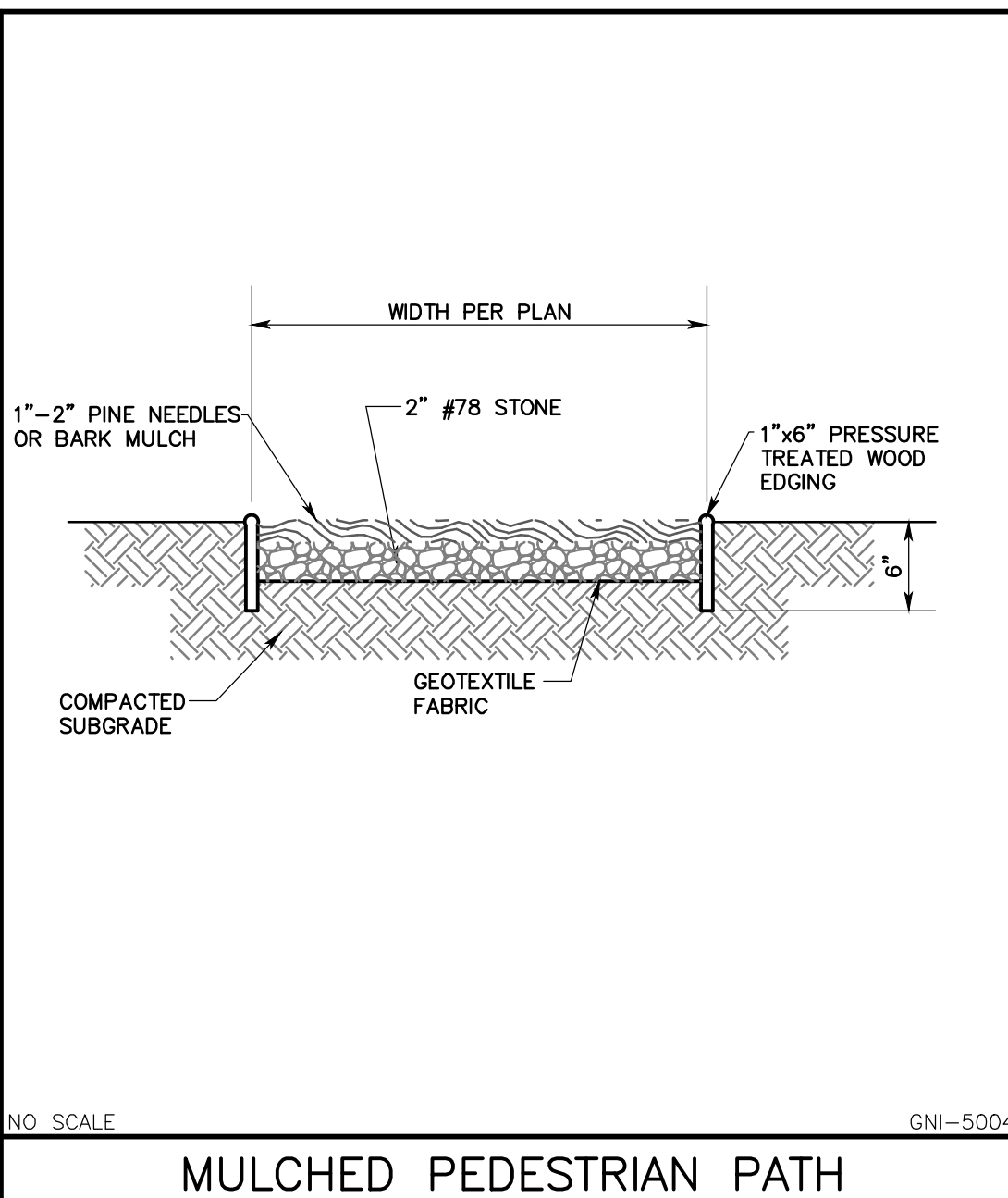
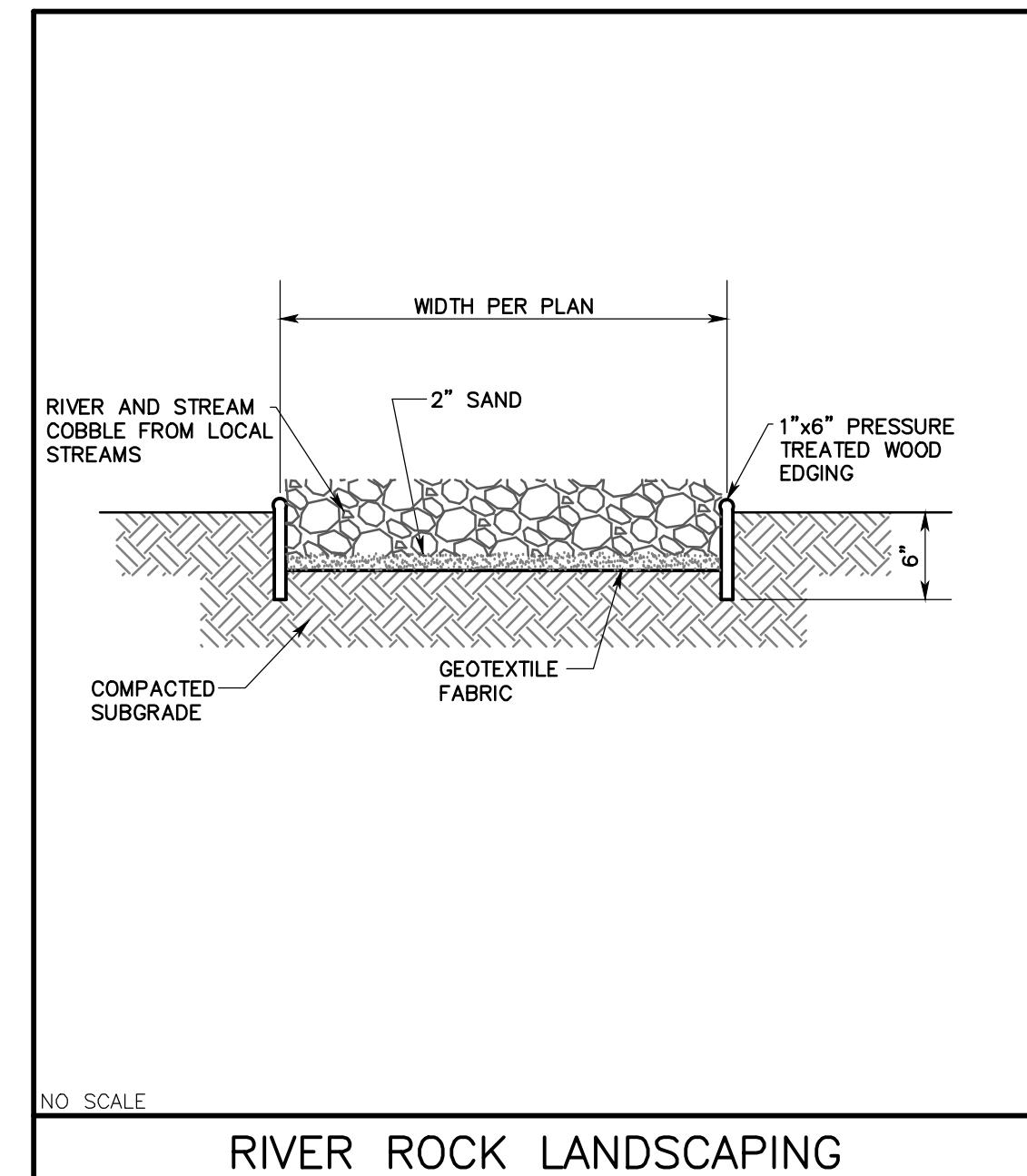
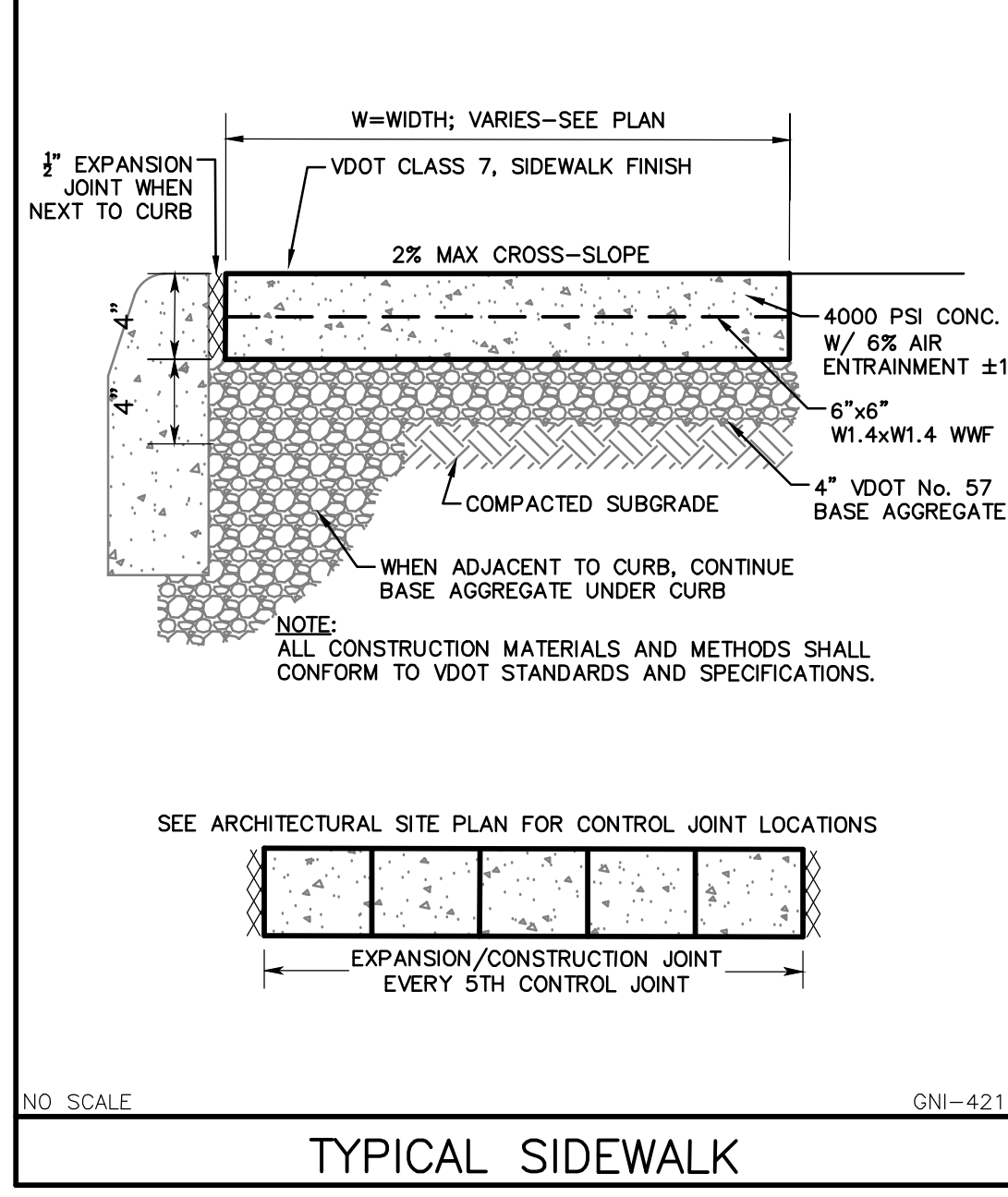
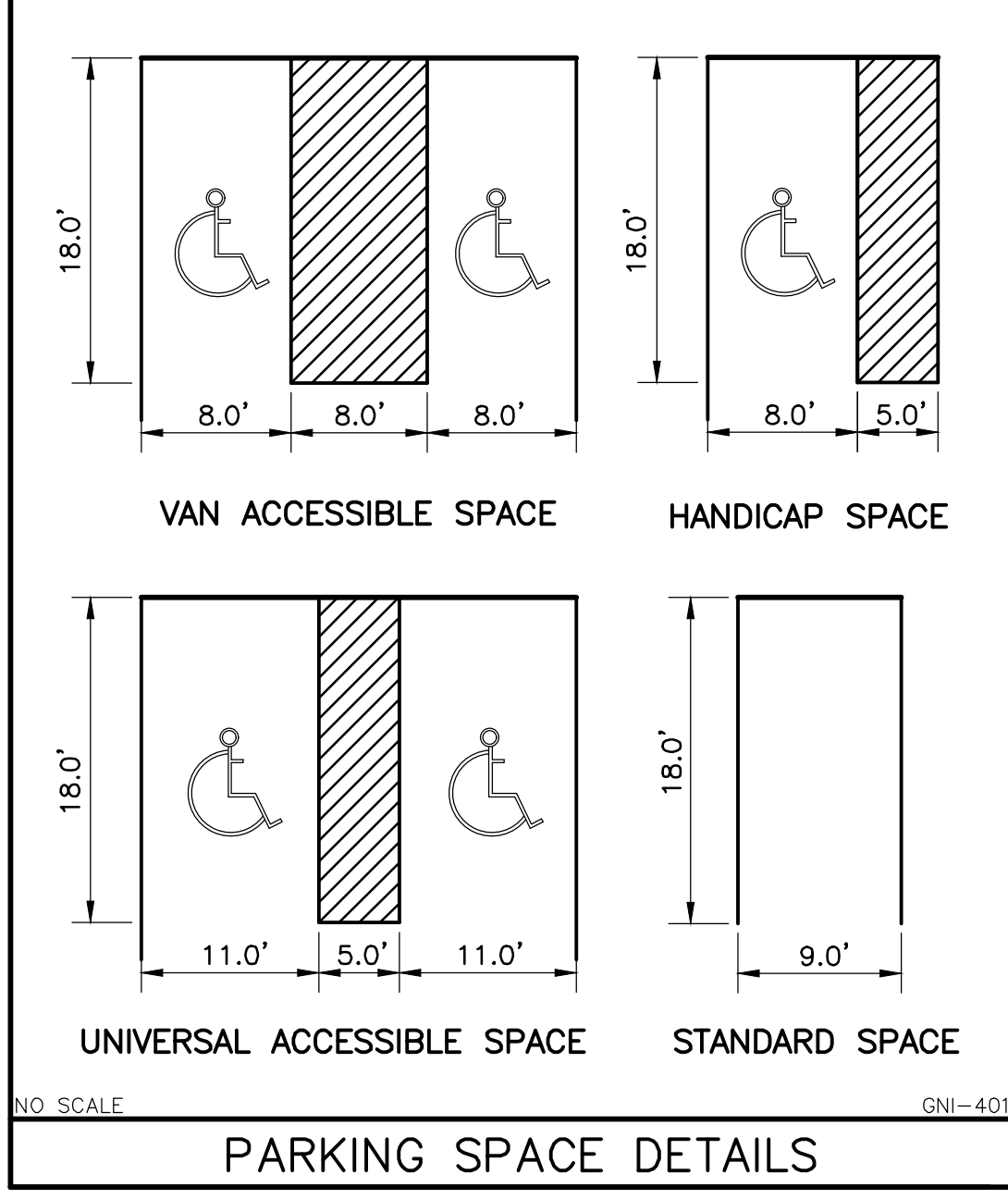
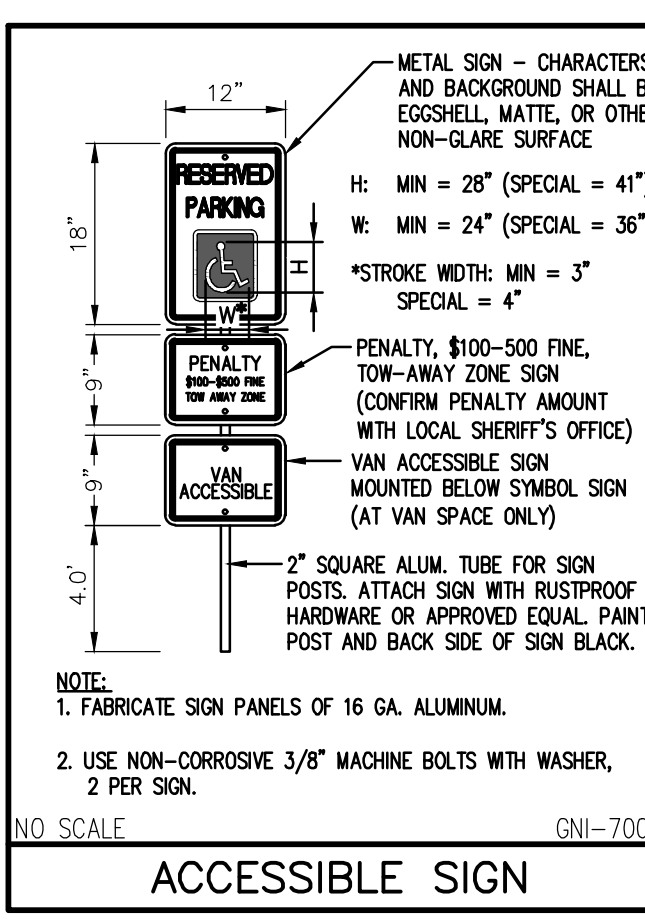
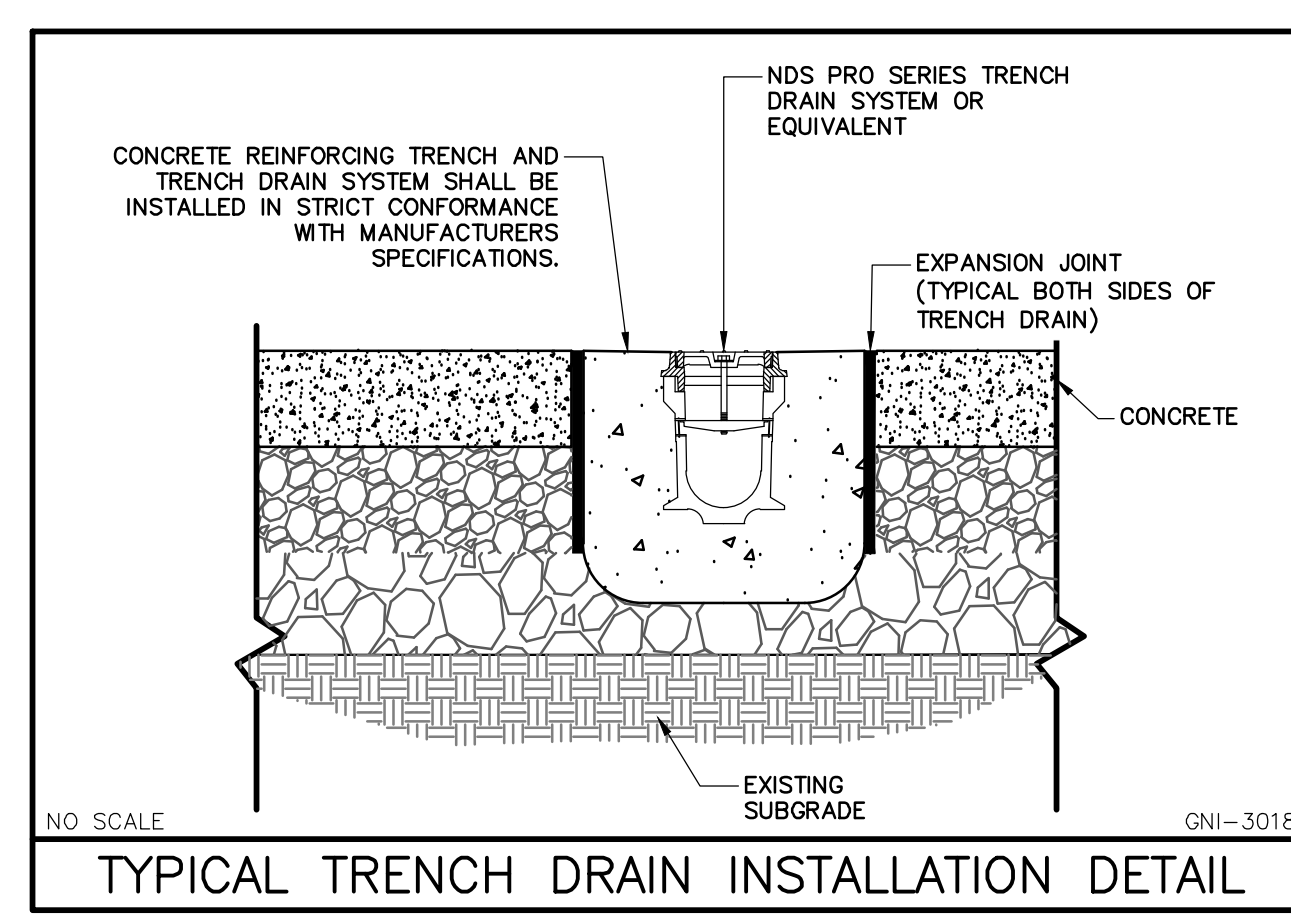
MCCarty Holsaple Architects, Inc.
Do NOT scale drawings. Use given dimensions only.
If not shown, verify current conditions with ARCHITECT.
Contractor shall check and verify all dimensions and conditions in the field.

CONSULTANT INFORMATION

GAY AND NEEL, INC.
ENGINEERING • LANDSCAPE ARCHITECTURE • SURVEYING

1260 Radford Street
Christiansburg, Virginia 24073
Phone: (540) 381-6011
Fax: (540) 381-2773
Web: www.gayandneel.com

CODES OFFICIAL REVIEW



KEY PLAN:

REVISION INFORMATION

NO.	DATE	DESCRIPTION
1	7/27/2018	ASSEMBLY #2

DRAWING INFORMATION

SCALE: As Indicated
SCALE GUIDE: 10/15/2019
DWG ISSUED: MICHAEL G. GAY, PE
PRJ MGR: TREVOR M. KIMZEY, PE
PA/PC: SEC
CHECKED BY: SEC
DRAWING TITLE: SITE DETAILS

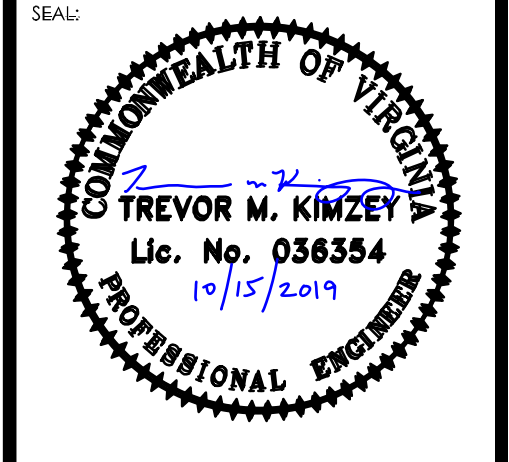
DRAWING NO: **C2-02**

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: DAVID COLLINS, AIA, LEED AP
EMAIL: DCOLLINS@mhm.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhm.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000

DAMASCUS TRAIL CENTER
223 W Laurel Ave. Damascus, VA
DAMASCUS, VIRGINIA 24254

- ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
 - DESIGN DEVELOPMENT
 - RED-CHECK
 - CONSTRUCTION DOCUMENTS
 - CONSTRUCTION BIDDING PHASE
 - CONSTRUCTION ADMINISTRATION



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DO NOT SCALE DRAWINGS. USE GIVEN DIMENSIONS ONLY.
If not shown, verify correct dimension with ARCHIECCT.
Consultant shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

GAY AND NEEL, INC.
DESIGNERS • LANDSCAPE ARCHITECTURE • INTERIORS



1260 Radford Street
Christiansburg, Virginia 24073
Phone: (540) 381-6011
Fax: (540) 381-2773
Web: www.gayandneel.com

CODES OFFICIAL REVIEW

REVISION INFORMATION

NO.	DATE	DESCRIPTION

DRAWING INFORMATION

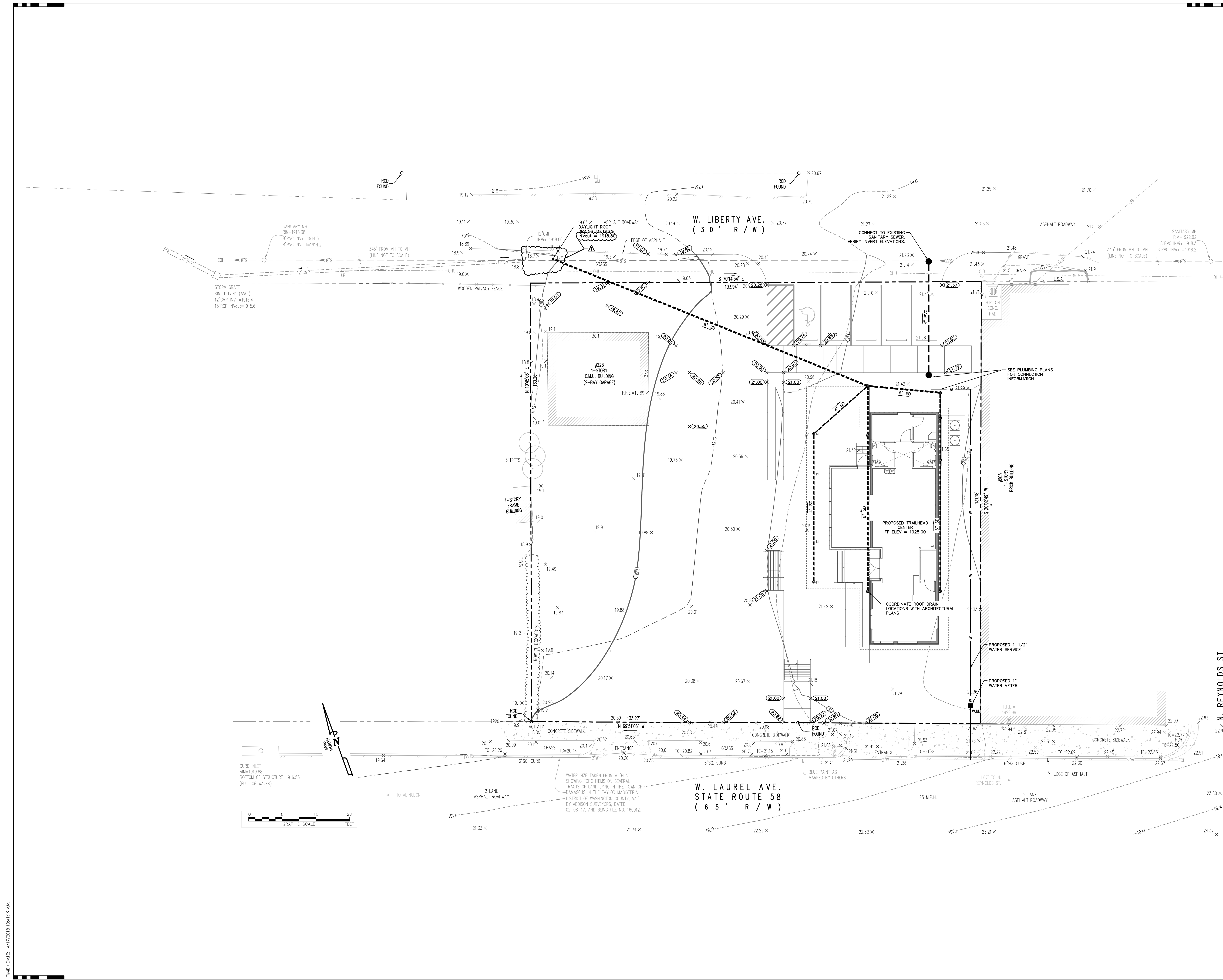
SCALE: As indicated
SCALE GUIDE: 10/15/2019
DWG ISSUED: 10/15/2019
PREPARED: MICHAEL G. GAY, PE
PA / P.C.: TREVOR N. KIMZEY, PE
DRAWN BY: SEC
CHECKED BY:
DRAWING TITLE: UTILITY AND GRADING PLAN

DRAWING NO: **C4-01**

BINDING EDGE

BINDING EDGE

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TIME / DATE: 4/17/2018 10:41:19 AM

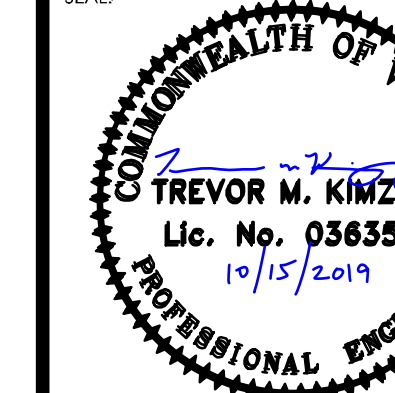
DAMASCUS TRAIL CENTER

223 W Laurel Ave, Damascus, VA
DAMASCUS, VIRGINIA 24234

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- CONSTRUCTION DOCUMENTS
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:



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Do NOT scale drawings. Use given dimensions only.
If not shown, verify correct dimension with ARCH/ECI.
Contractor shall check and verify all dimensions and conditions on job site.

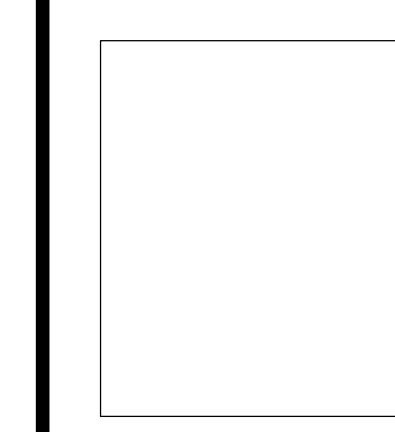
CONSULTANT INFORMATION

GAY AND NEEL, INC.

1260 Radford Street
Christiansburg, Virginia 24073
Phone: (540) 381-6011
Fax: (540) 381-2773
Web: www.gayandneel.com

CODES OFFICIAL REVIEW

KEY PLAN:



REVISION INFORMATION

NO.	DATE	DESCRIPTION
1	7/27/2018	ADDENDUM #2

DRAWING INFORMATION

SCALE: As Indicated
SCALE GUIDE:
DATE ISSUED: 10/15/2019
DESIGNER: MICHAEL G. GAY, PE
PA/PC: TREVOR M. KIMZEY, PE
DRAWN BY: SEC
CHECKED BY:
DRAWING TITLE:

EROSION AND SEDIMENT CONTROL PLAN

DRAWING NO:

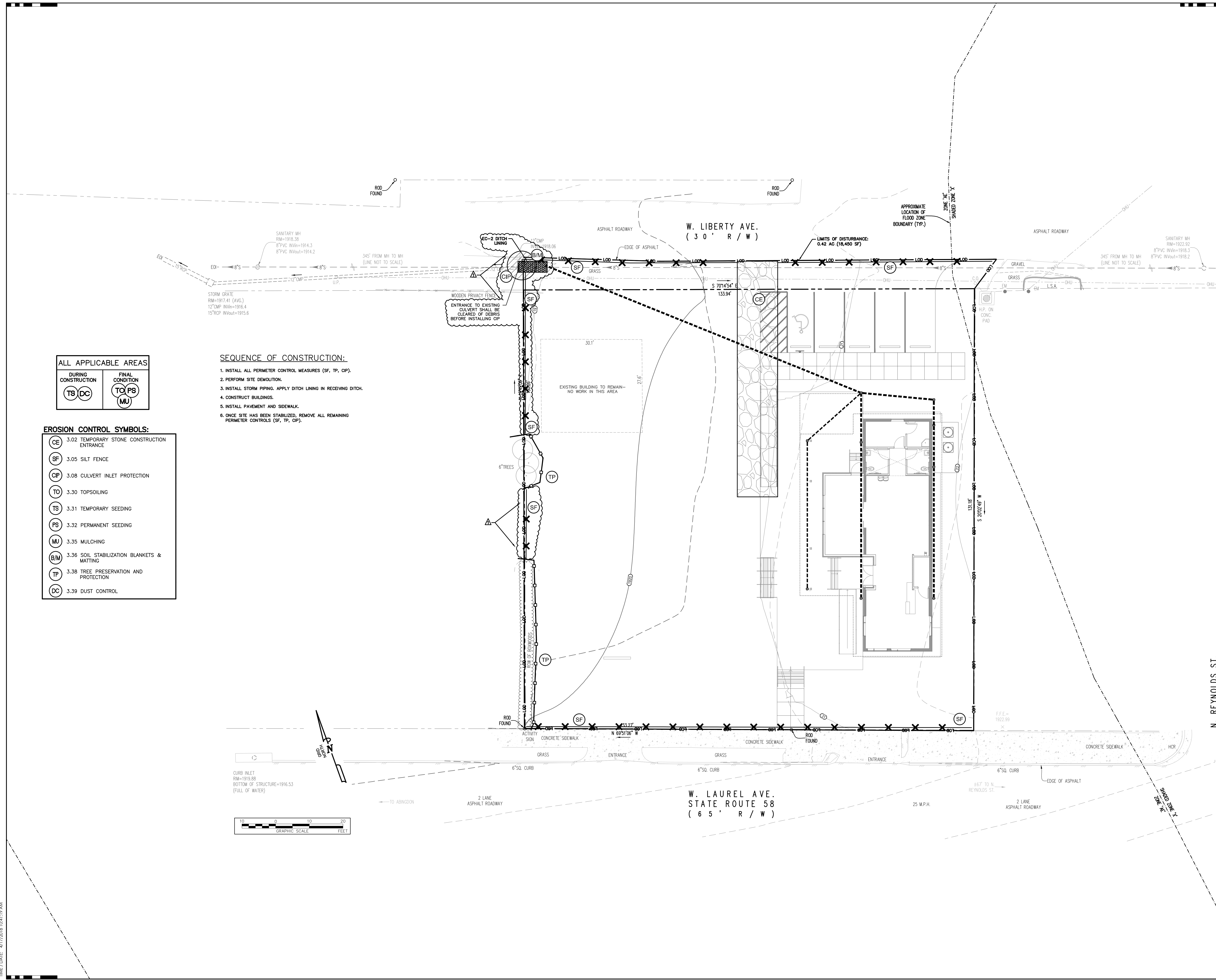
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N. REYNOLDS ST.



ALL APPLICABLE AREAS

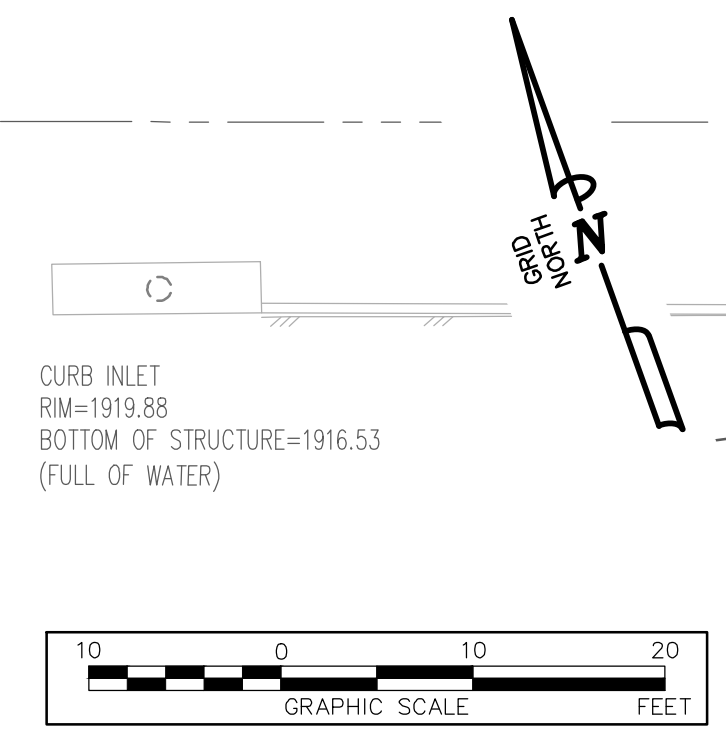
DURING CONSTRUCTION	FINAL CONDITION
(TS) (DC)	(TC) (PS) (MU)

SEQUENCE OF CONSTRUCTION:

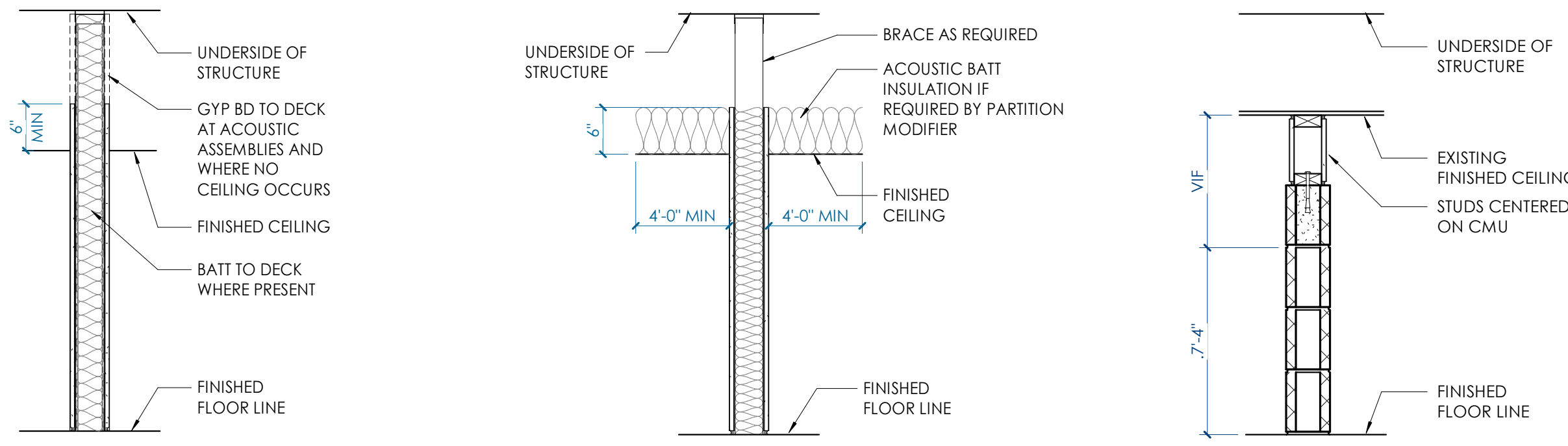
1. INSTALL ALL PERIMETER CONTROL MEASURES (SF, TP, CIP).
2. PERFORM SITE DEMOLITION.
3. INSTALL STORM PIPING. APPLY DITCH LINING IN RECEIVING DITCH.
4. CONSTRUCT BUILDINGS.
5. INSTALL PAVEMENT AND SIDEWALK.
6. ONCE SITE HAS BEEN STABILIZED, REMOVE ALL REMAINING PERIMETER CONTROLS (SF, TP, CIP).

EROSION CONTROL SYMBOLS:

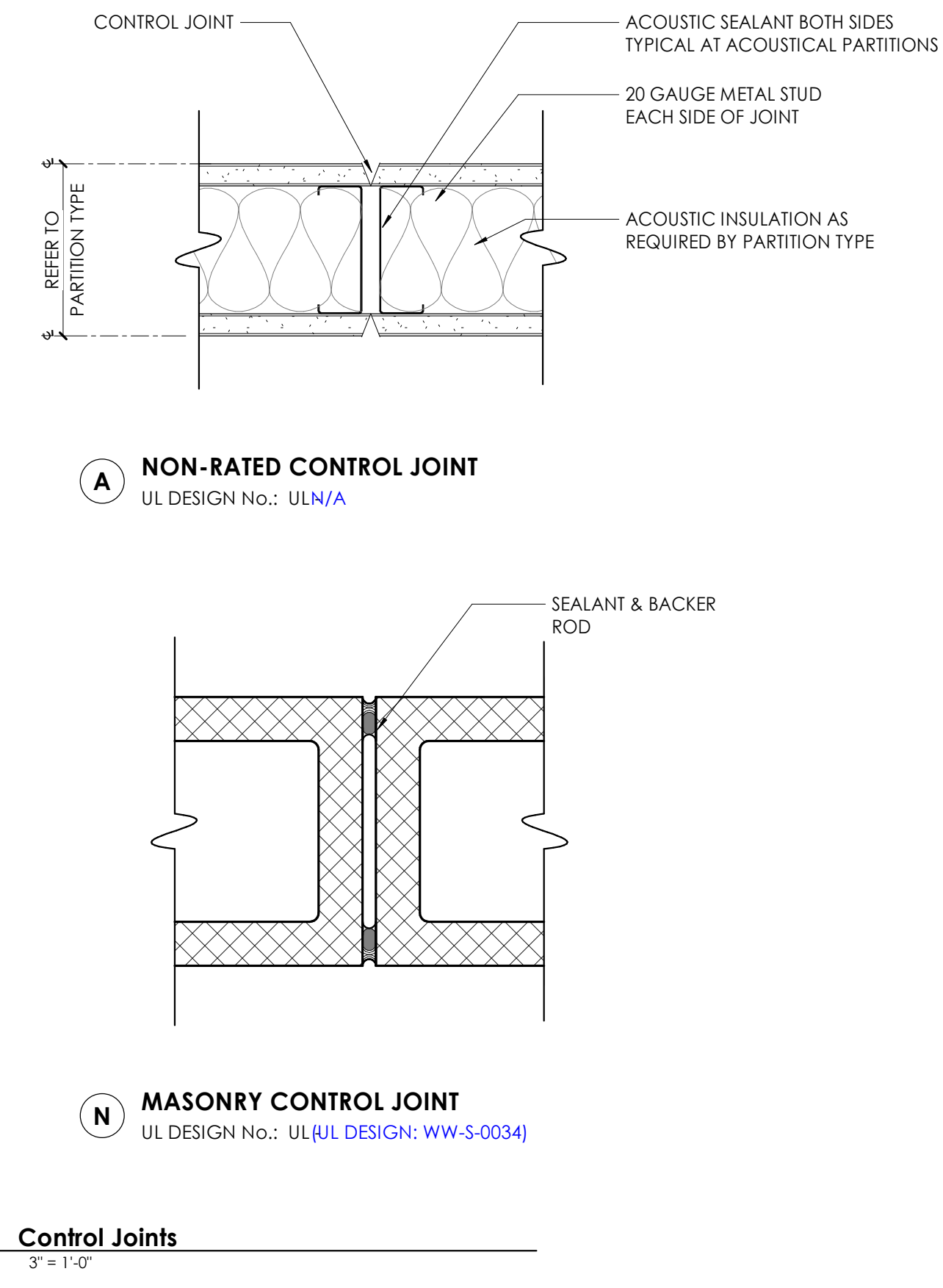
(CE)	3.02 TEMPORARY STONE CONSTRUCTION ENTRANCE
(SF)	3.05 SILT FENCE
(CIP)	3.08 CULVERT INLET PROTECTION
(TO)	3.30 TOPSOILING
(TS)	3.31 TEMPORARY SEEDING
(PS)	3.32 PERMANENT SEEDING
(MU)	3.35 MULCHING
(B/M)	3.36 SOIL STABILIZATION BLANKETS & MATTING
(TP)	3.38 TREE PRESERVATION AND PROTECTION
(DC)	3.39 DUST CONTROL



PARTITION ASSEMBLY TYPES



- 0A NON-COMBUSTIBLE Type 'A' Two-Sided Assemblies (Continuous) 3/4" = 1'-0"
- 0B NON-COMBUSTIBLE Type 'B' Two-Sided Assemblies (Non-Continuous) 3/4" = 1'-0"
- 0N UNRATED Type 'N' - MASONRY Assembly 3/4" = 1'-0"

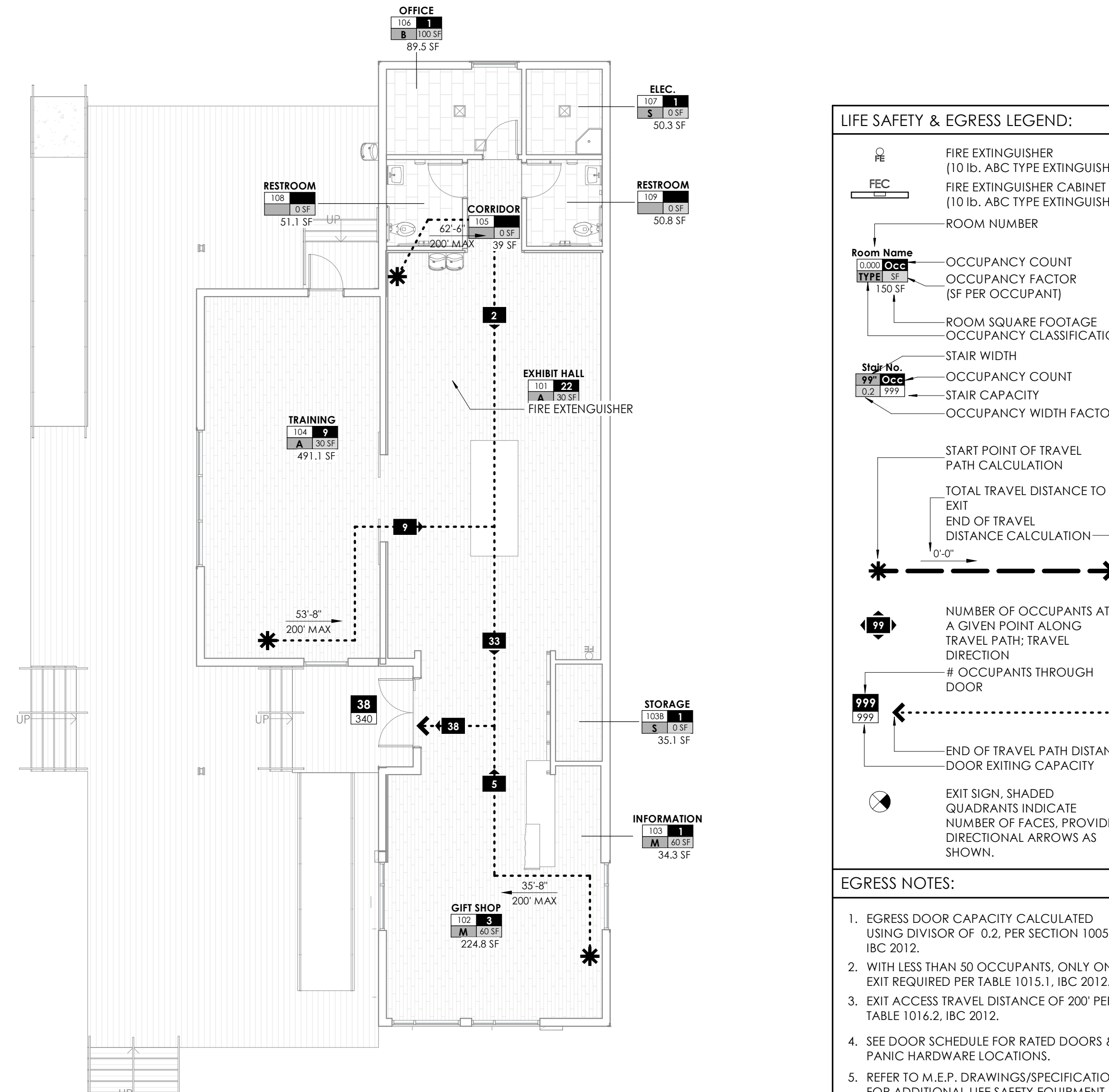
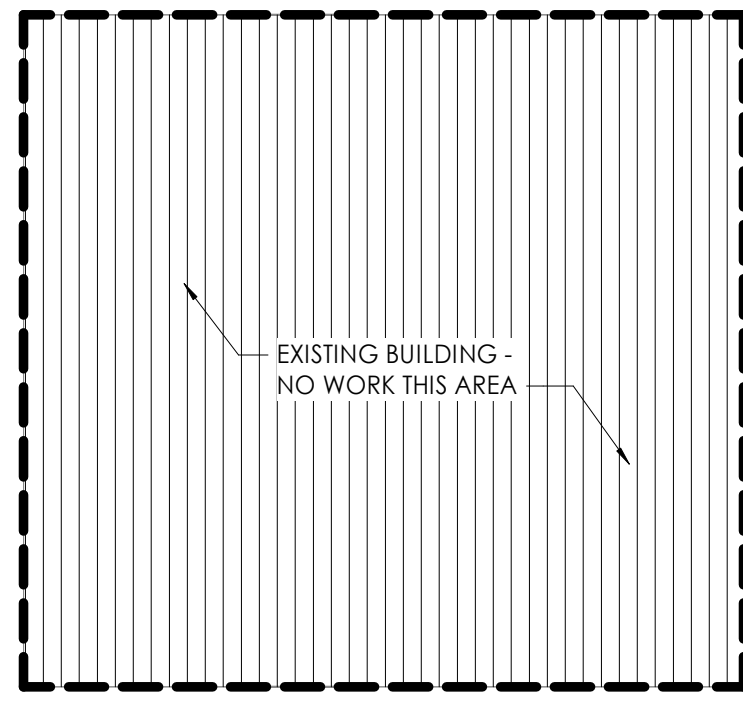


- N MASONRY CONTROL JOINT UL DESIGN No.: UL/N/A
- 10 Control Joints 3" = 1'-0"

BINDING EDGE

LIFE SAFETY

No.	ROOMS NAME	OCCUPANCY CODE	OCCUPANCY FACTOR	AREA (SF)	OCCUPANCY ROOM COUNT
1ST FLOOR					
101	EXHIBIT HALL	A	30	879.3 SF	22
102	GIFT SHOP	M	60	224.8 SF	3
103	INFORMATION	M	60	34.3 SF	1
103B	STORAGE	S	0	35.1 SF	1
104	TRAINING	A	30	491.1 SF	9
105	CORRIDOR	0	0	39 SF	9
106	OFFICE	B	100	89.5 SF	1
107	ELEC.	S	0	50.3 SF	1
108	RESTROOM	0	0	51.1 SF	1
109	RESTROOM	0	0	50.8 SF	1
				1,945.1 SF	38



LIFE SAFETY & EGRESS LEGEND:

- Room Name: OCCUPANCY COUNT, OCCUPANCY FACTOR, ROOM SQUARE FOOTAGE, OCCUPANCY CLASSIFICATION
- Stair No.: OCCUPANCY COUNT, STAIR CAPACITY, OCCUPANCY WIDTH FACTOR
- START POINT OF TRAVEL PATH CALCULATION
- TOTAL TRAVEL DISTANCE TO EXIT
- END OF TRAVEL DISTANCE CALCULATION
- NUMBER OF OCCUPANTS AT A GIVEN POINT ALONG TRAVEL PATH; TRAVEL DIRECTION
- # OCCUPANTS THROUGH DOOR
- END OF TRAVEL PATH DISTANCE - DOOR EXITING CAPACITY
- EXIT SIGN, SHADED QUADRANTS INDICATE NUMBER OF FACES, PROVIDE DIRECTIONAL ARROWS AS SHOWN.

EGRESS NOTES:

- EGRESS DOOR CAPACITY CALCULATED USING DIVISOR OF 0.2, PER SECTION 1005, IBC 2012.
- WITH LESS THAN 50 OCCUPANTS, ONLY ONE EXIT REQUIRED PER TABLE 1015.1, IBC 2012.
- EXIT ACCESS TRAVEL DISTANCE OF 200' PER TABLE 1016.2, IBC 2012.
- SEE DOOR SCHEDULE FOR RATED DOORS & PANIC HARDWARE LOCATIONS.
- REFER TO M.E.P. DRAWINGS/SPECIFICATIONS FOR ADDITIONAL LIFE SAFETY EQUIPMENT INFORMATION.

CODE SYNOPSIS

Local Regulations:

ZONE:
PARCEL:
BUILDING SETBACKS: FRONT: 0", SIDE: 0", REAR: 0"
LOT COVERAGE:
MAXIMUM HEIGHT ALLOWABLE: 0"
ALLOWABLE NUMBER OF STORIES: 0
EASEMENTS:
ADJACENT PROPERTY USE:
PARKING:
Parking Spaces Required: 0
Handicap Spaces Required: 0
Parking Space Size Requirement:
LANDSCAPING / SCREENING: YES
SITE DRAINAGE / RUN-OFF & RETENTION REQUIREMENTS:
Building Description:
New Structure, Existing Structure, Tenant Space, Etc.
Construction Classification:
IBC Type V8 (IBC TABLES 601 & 602)
Occupancy Classification: (IBC Ch. 3, IBC Ch. 4)
Occupancy Type (IBC 302.1): MIXED NON SEPARATED (IBC 508.3)
A-3 - ASSEMBLY
B - BUSINESS
M - MERCANTILE
Hazard Type (LSC 4-2): xx
Fire District: xx
Physical Properties (IBC Ch. 5):
Number of Stories: 1
Floor Area per Story:
Floor Level: 1
Gross SF: 2,046 SF
Net SF: 1,762 SF

- 3 1st Floor Life Safety Plan 1/8" = 1'-0"

TIME / DATE: 5/10/2020 6:59:31 PM

PARTITION IDENTIFICATION:

FIRST TWO DIGITS INDICATE BASIC PARTITION RATING AND ASSEMBLY TYPE, PER DETAILS ON THIS AND SUBSEQUENT SHEETS

LAST TWO DIGITS INDICATE BASIC PARTITION SIZE & MODIFICATION OPTIONS

FIRE-RATING: Fire-Rating of partition in HOURS (Ratings may exceed requirements of local building codes)
0 (Non-Rated)
1 (1 HOUR)
2 (2 HOUR)
3 (3 HOUR)
4 (4 HOUR)

MODIFICATION OPTIONS [SEE PARTITION MODIFICATION MATRIX BELOW]
FRAMING UNIT SIZE DESIGNATION:
0 - METAL FRAMING SMALLER THAN 1" (E.g.: 7/8" HAT CHANNEL)
1 - 1 5/8" METAL STUDS
1 - 1/2" HAT CHANNEL METAL FURRING
2 - 2 1/2" METAL STUDS
2 1/2" C-H STUDS FOR TYPE 'S'
3 - 3 5/8" METAL STUDS
4 - 4" METAL STUDS
4" NOMINAL CONCRETE MASONRY UNIT
4" NOMINAL WOOD FRAMING
4" C-H STUDS FOR TYPE 'S'
6 - 6" METAL STUDS
6" NOMINAL CONCRETE MASONRY UNIT
6" NOMINAL WOOD FRAMING
6" C-H STUDS FOR TYPE 'S'
8 - 8" METAL STUDS
8" NOMINAL CONCRETE MASONRY UNIT
8" NOMINAL WOOD FRAMING
10 - 10" METAL STUDS
10" NOMINAL WOOD FRAMING
12 - 12" NOMINAL CONCRETE MASONRY UNIT
12" NOMINAL WOOD FRAMING
Z - Z" SHAPED METAL FRAMING

BASIC PARTITION ASSEMBLY TYPE:
A - TWO-SIDED ASSEMBLY (Continuous to Structure)
B - TWO-SIDED ASSEMBLY (Non-Continuous)
C - CHASE WALL ASSEMBLY
F - FURRING ASSEMBLY
G - ONE-SIDED ASSEMBLY
M - CONCRETE MASONRY UNIT ASSEMBLY (Continuous to Structure)
N - CONCRETE MASONRY UNIT ASSEMBLY (Non-Continuous)
O - OFFSET STAGGERED ASSEMBLY
S - SHAFT ASSEMBLY (Continuous to Structure)

MODIFICATION INDEX	HEIGHT	CAVITY FILL	APPLIED FINISH	OPTIONS	NOTES
A	...	...	...	...	BASIC WALL NO CHANGES
B	...	...	...	...	SEE NOTES A THROUGH E
C	...	...	...	...	SEE NOTES A THROUGH E
D	...	...	...	...	SEE NOTES A THROUGH E
E	...	...	...	...	SEE NOTES A THROUGH E
F	...	...	...	...	SEE NOTES A THROUGH E
G	...	...	...	...	SEE NOTES A THROUGH E
H	...	...	...	...	SEE NOTES A THROUGH E
I	...	...	...	...	SEE NOTES A THROUGH E
J	...	...	...	...	SEE NOTES A THROUGH E
K	...	...	...	...	SEE NOTES A THROUGH E
L	...	...	...	...	SEE NOTES A THROUGH E
M	Not Used	Not Used	Not Used	Not Used	N/A
N					
O					
P					
Q					
R					
S					
T					
U					
V					
W					
X					
Y					
Z					

PARTITION MODIFICATION MATRIX NOTES:

- ACOUSTICAL INSULATION (NON-FACED, FRICTION FIT) IN STUD CAVITY: PROVIDE 3 1/2" THICK INSULATION WHERE STUD DEPTH IS 3 1/2" OR GREATER. PROVIDE 6" THICK INSULATION WHERE STUD DEPTH IS 6" OR GREATER.
- FOR ALL STUD ASSEMBLIES EXCEPT NON-CONTINUOUS (TYPE B), RUN GYPSUM BOARD AND ACOUSTICAL INSULATION FROM FLOOR TO UNDERSIDE OF ROOF/FLOOR DECK ABOVE.
- FOR NON-CONTINUOUS (TYPE B) WALL ASSEMBLIES, RUN ACOUSTICAL INSULATION FROM FLOOR TO MIN 6" ABOVE FINISHED CEILING AND HORIZONTALLY FOR A DISTANCE OF 4" MIN ON TOP OF THE FINISHED CEILING, BOTH SIDES OF THE WALL, FOR THE ENTIRE LENGTH OF THE WALL.
- SEAL PERIMETER OF PARTITION WITH CONTINUOUS BEAD OF ACOUSTICAL SEALANT. CLOSE ALL GAPS THROUGH OR AROUND PARTITION BY SEALING ALL JOINTS, GAPS AROUND OUTLET BOXES AND PENETRATIONS, INCLUDING THOSE ABOVE FINISH CEILING. ISOLATE PARTITION FROM ALL PIPE AND DUCT PENETRATIONS BY STOPPING GYPSUM BOARD 1/2" MIN. TO 1" MAX. FROM AROUND PIPE OR DUCT. SEAL GAP BETWEEN GYPSUM BOARD AND PIPE/DUCTS WITH BACKER ROD AND ACOUSTICAL SEALANT.
- PROVIDE ACOUSTICAL OUTLET BOX PADS AT ALL ELECTRICAL, TELEPHONE AND DATA OUTLET BOXES AS WELL AS AT ALL SWITCH BOXES. MOLD PAD CAREFULLY AROUND BOX AFTER BOX IS SECURELY ATTACHED TO STUD BEFORE GYPSUM BOARD IS INSTALLED. SEAL ALL OPENINGS WITH OUTLET BOX SEALANT MATERIAL. STAGGER ALL WALL PENETRATIONS OCCURRING AT OPPOSITE SIDES OF WALL.

FRAMING NOTES:

- ALL NON-LOAD-BEARING INTERIOR METAL STUD PARTITION FRAMING SHALL BE 22 GAUGE, UNLESS OTHERWISE NOTED BELOW.
REFER TO SPECIFICATION 05.40.00 Cold-Formed Metal Framing SECTIONS:
09.21.16 Gypsum Board Assemblies
- PROVIDE MINIMUM 20 GAUGE METAL WALL FRAMING AT THE FOLLOWING LOCATIONS, UNLESS NOTED OTHERWISE:
A. DOUBLE STUD JAMB ASSEMBLIES.
B. FIRST STUD IN THE PARTITION BEYOND THE DOUBLE STUD JAMB ASSEMBLY. LOCATE STUD 6" FROM DOUBLE STUD ASSEMBLY.
C. STUDS TO WHICH CEMENTITIOUS BACKER UNITS, SPECIFIED IN SECTION 09.30.00 Tiling, ARE INSTALLED FOR WET AREAS.
D. STUDS TO WHICH REINFORCING GYPSUM WALL PANELS ARE ATTACHED.
E. STUDS TO WHICH WALL MOUNTED EQUIPMENT, INCLUDING OWNER FURNISHED EQUIPMENT, IS FASTENED TO.
F. STUD HULL AND SILL TRACK BELOW WINDOW OPENINGS.
G. STUDS INSTALLED FOR OPENING HEADS BETWEEN DOUBLE STUD JAMB ASSEMBLIES.
- Gauges shall be based on SPECIFIED MANUFACTURER HEIGHT LIMITATIONS AND OTHER REQUIREMENTS; 25 GA IS NOT ACCEPTABLE. GUIDELINES SHOWN IN THE CHART BELOW ARE FOR DESIGN PURPOSES ONLY AND ARE BASED STANDARD PARTITION ASSEMBLY WITH THE FOLLOWING CRITERIA:
- ONE LAYER GYP EACH SIDE
- 16" O.C. SPACING
- 5 PSF LATERAL LOAD
- 1/240 DEFLECTION LIMITS

	22 GA	20 GA	18 GA	16 GA
2 1/2" C STUDS	11'-0"	11'-6"	13'-0"	13'-0"
3 5/8" C STUDS	11'-6"	13'-6"	17'-6"	18'-6"
4" C STUDS	13'-0"	23'-0"	24'-0"	28'-0"
8" C STUDS		35'-0"	38'-0"	

PARTITION NOTES:

- PARTITIONS AND FURRING ARE DIMENSIONED TO THE FACE OF STUD (NOT TO FACE OF APPLIED FINISH), UNLESS OTHERWISE NOTED.
- PARTITION TYPE INDICATIONS ARE INDEPENDENT OF APPLIED FINISHES. SEE FINISH SCHEDULE (if applicable) AND/OR THE DESIGNATIONS ON THE PLANS FOR ADDITIONAL INFORMATION REGARDING APPLIED FINISHES.
- WHERE PARTITION TYPE DESIGNATION ON FLOOR PLANS IS INTERRUPTED BY DOOR OPENING, GLAZED PARTITION, ETC., CONSTRUCTION ABOVE OR BELOW (where applicable) IS TO BE THE SAME AS THE DESIGNATED FOR THE PARTITION IN WHICH THE INTERRUPTION OCCURRED.
- THE MINIMUM REQUIREMENTS FOR CONSTRUCTION OF EACH TYPE AS EXPRESSED BY THE INDICATED FIRE RATING REFERENCE ARE INCORPORATED BY REFERENCE AND ARE INCLUDED IN THE WORK OF THIS PROJECT.
HOWEVER, ADDITIONAL AND/OR MORE RESTRICTIVE REQUIREMENTS MAY BE INDICATED BY THE SPECIFICATIONS AND DRAWINGS. SUCH REQUIREMENTS ALSO APPLY AND SHALL GOVERN. SUCH REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:
A. USE 5/8" THICK GYPSUM BOARD THROUGHOUT.
B. USE 1'-4" (1'-0" O.C. MAXIMUM STUD SPACING UNLESS OTHERWISE NOTED. THE SPACING STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MAXIMUM SPACING.
C. USE STUDS OF GAGE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS. GAGE STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM GAGE.
D. USE STUDS OF DEPTH INDICATED BY THE DRAWINGS. THE DEPTH STATED BY THE REFERENCED APPROVAL OR TEST IS THE MINIMUM DEPTH.
- INSTALL ONE LAYER OF 5/8" TYPE X WATER RESISTANT GYPSUM BOARD (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION AT THE FOLLOWING LOCATIONS:
A. WITHIN 2'-0" HORIZONTALLY AND 4'-0" VERTICALLY OF JANITORS SINKS.
B. INSTALL ONE (1) LAYER OF 1/2" CEMENT BACKER BOARD IN LIEU OF GYPSUM BOARD (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION WHERE THERE IS NO FIRE RATING AND OVER GYPSUM BOARD FACE LAYER AT FIRE RATED PARTITIONS AT THE FOLLOWING LOCATIONS:
A. AT WET LOCATIONS, SUCH AS SHOWER STALLS AND TUB SURROUNDS.
B. WHERE CERAMIC TILE FINISHES ARE INDICATED. REFER TO FINISH SCHEDULE, PLANS AND/OR INTERIOR ELEVATIONS.
- FOR ADDITIONAL INTERIOR PARTITION SYSTEM DETAILS AND INFORMATION, REFER TO DRAWINGS:
A. AT WET LOCATIONS, SUCH AS SHOWER STALLS AND TUB SURROUNDS.
B. WHERE CERAMIC TILE FINISHES ARE INDICATED. REFER TO FINISH SCHEDULE, PLANS AND/OR INTERIOR ELEVATIONS.
- FOR ADDITIONAL INTERIOR PARTITION SYSTEM DETAILS AND INFORMATION, SEE SPECIFICATIONS AND SHEETS:

MCCARTY HOLSAPLE MCCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
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550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: DAVID COLLINS, AIA, LEED AP
EMAIL: DCollins@mhmc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhmc.com

PROJECT INFORMATION
CONTRACT: SBC-000000000000000

DAMASCUS TRAIL CENTER
223 W Laurel Ave, Damascus, VA
DAMASCUS, VIRGINIA 24236

ACTIVE DESIGN PHASE
 SCHEMATIC DESIGN
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 CONSTRUCTION DOCUMENTS
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CONSULTANT INFORMATION

REVISION INFORMATION

No.	Date	Description

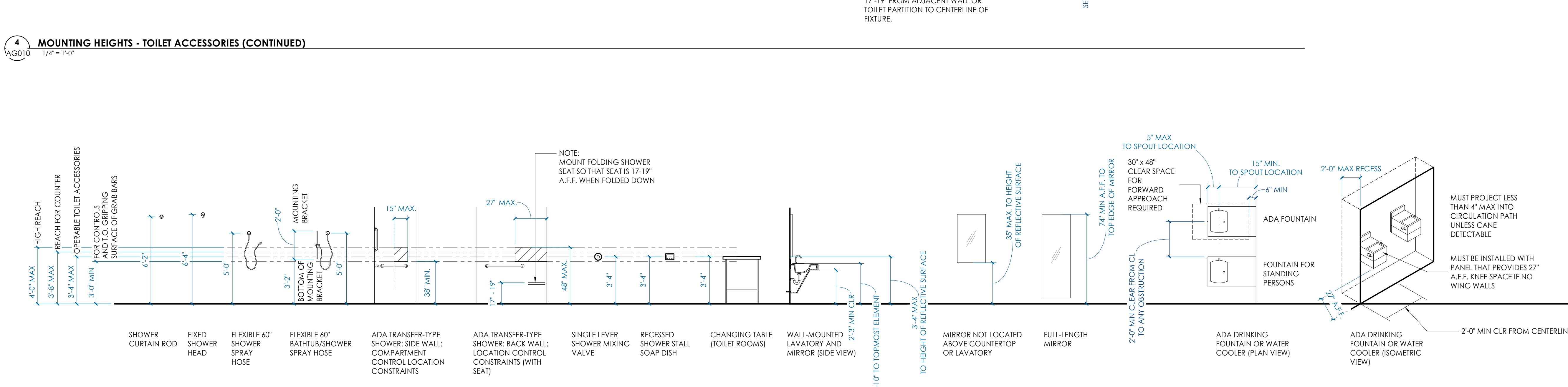
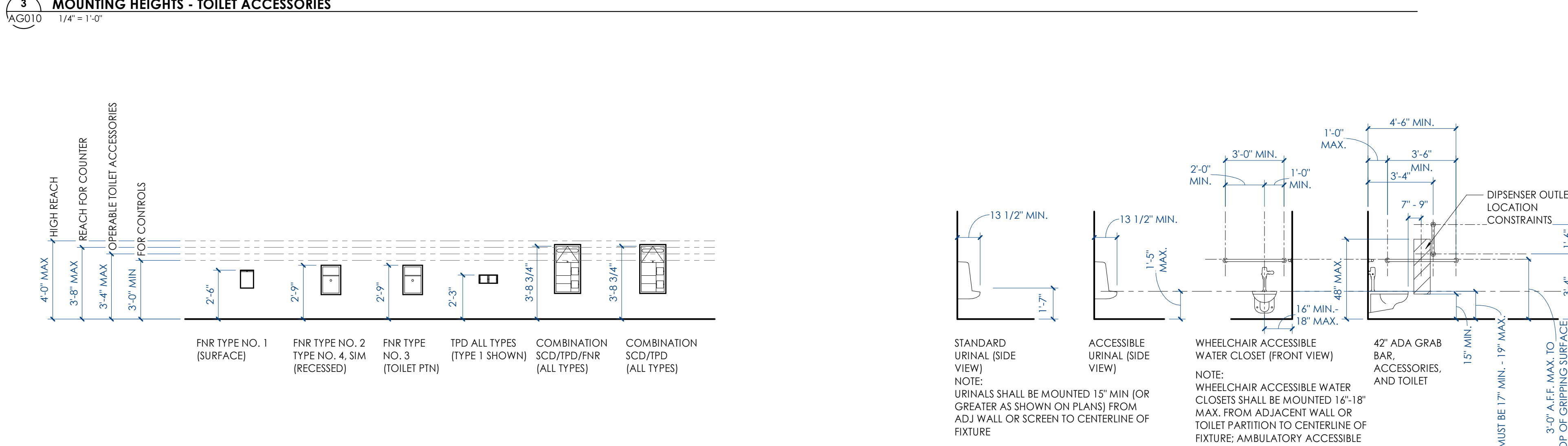
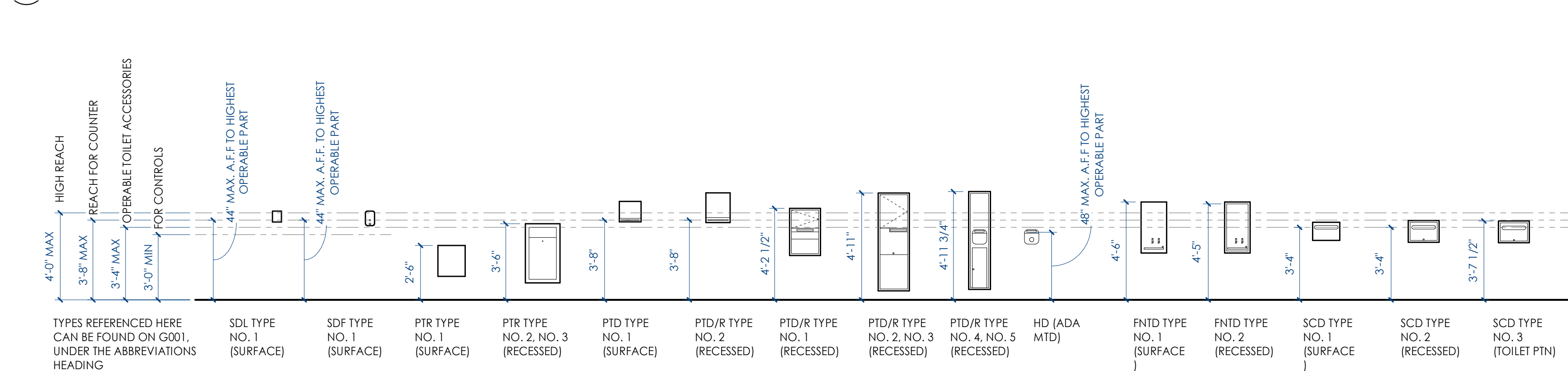
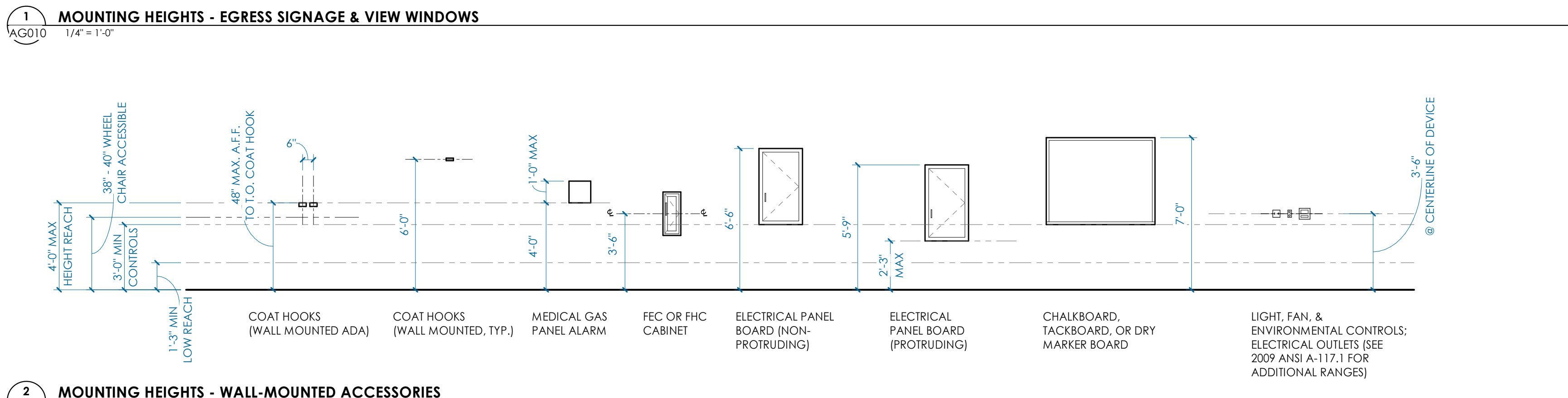
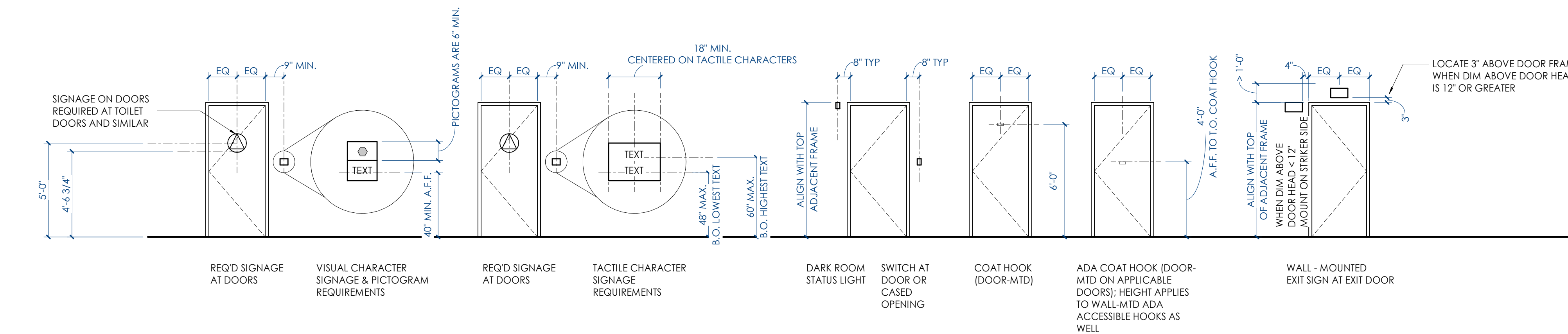
DRAWING INFORMATION
SCALE: As Indicated
DWG ISSUED: 15 OCT 2019
PRJ MGR: D. COLLINS
PA / PC: J. THOMAS
DRAWN BY: B. ARCHER
CHECKED BY: B. RAINES
DRAWING TITLE:
INTERIOR PARTITIONS & LIFE SAFETY
DRAWING NO: AG001

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TIME / DATE: 5/20/2020 4:09:33 PM

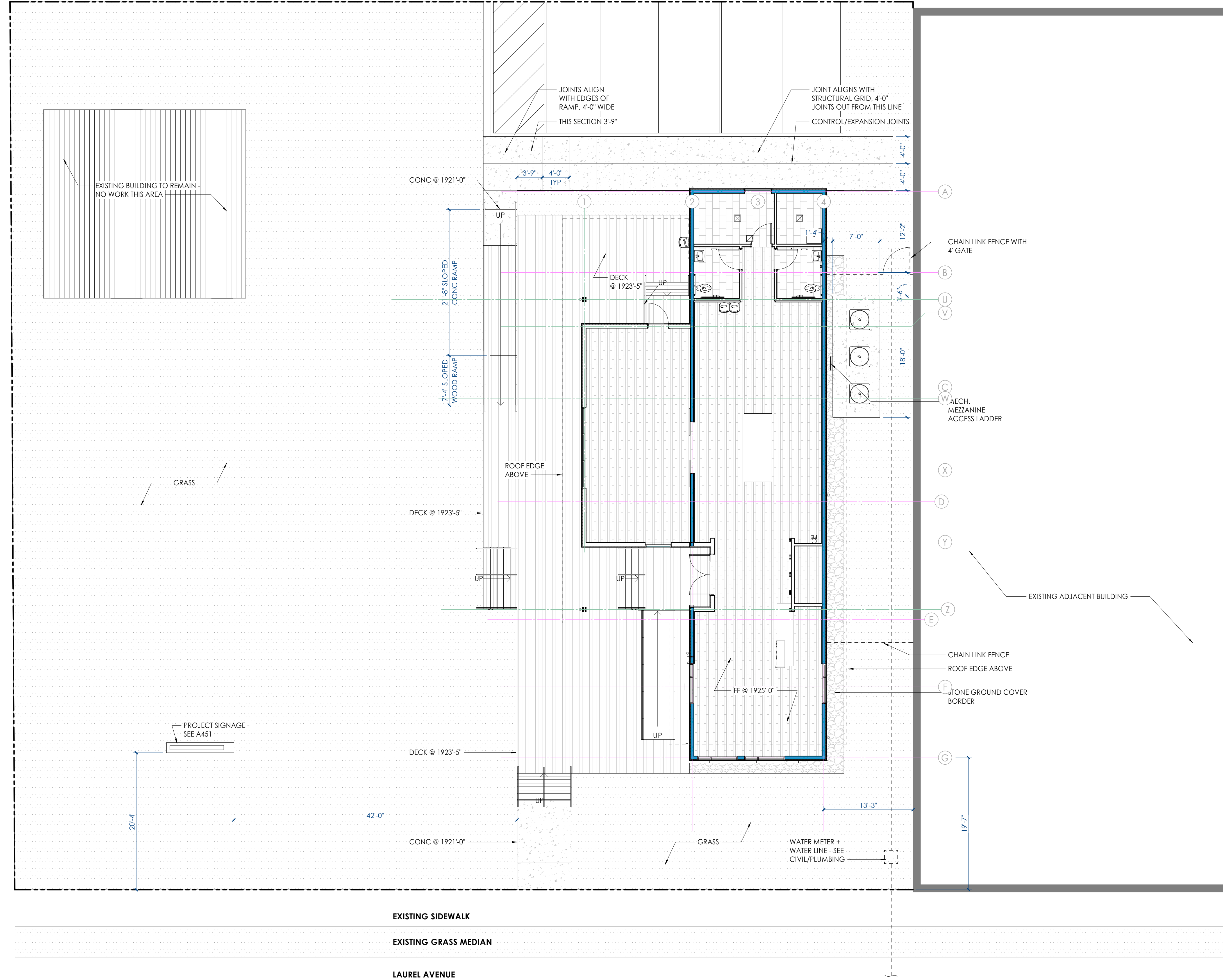
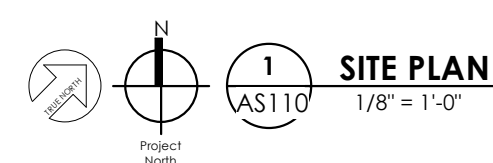


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PAVING LEGEND

- 3/8" MAX COMPACTED CRUSHER FINES PATH (NOTE USED)
- MULCH PATH (NOT USED)
- DRAINAGE ROCK
- CONCRETE SIDEWALK
- STAINED WOOD DECK
- CONCRETE CONTROL OR EXPANSION JOINT

**MCCARTY
HOLSAPLE
MCCARTY**
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

17063

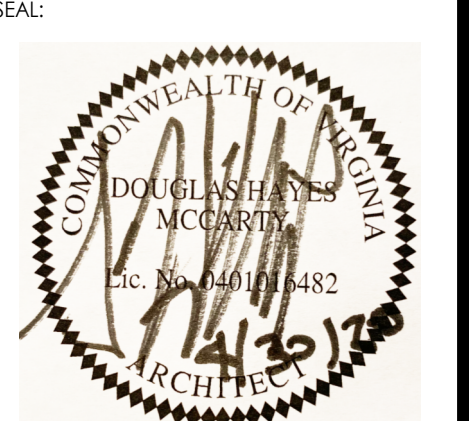
550 W. MAIN STREET, SUITE 300
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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

LET PLAN:



REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE: As Indicated

SCALE GUIDE:

DWG ISSUED: 15 OCT 2019

FR / MGR: D. COLLINS

PA / PC: J. THOMAS

DRAWN BY: B. ARCHER

CHECKED BY: B. RAINEY

DRAWING TITLE:

ARCHITECTURAL SITE PLAN

DRAWING NO: **AS110**

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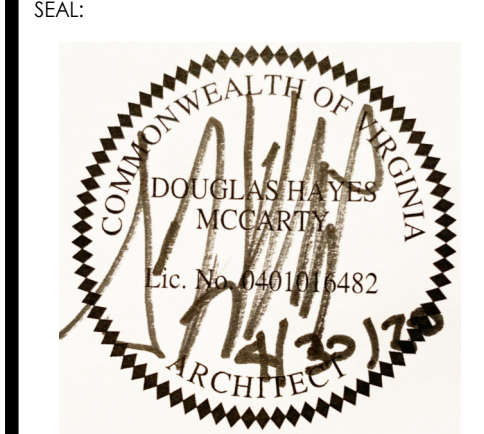
17063

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DAMASCUS TRAIL CENTER

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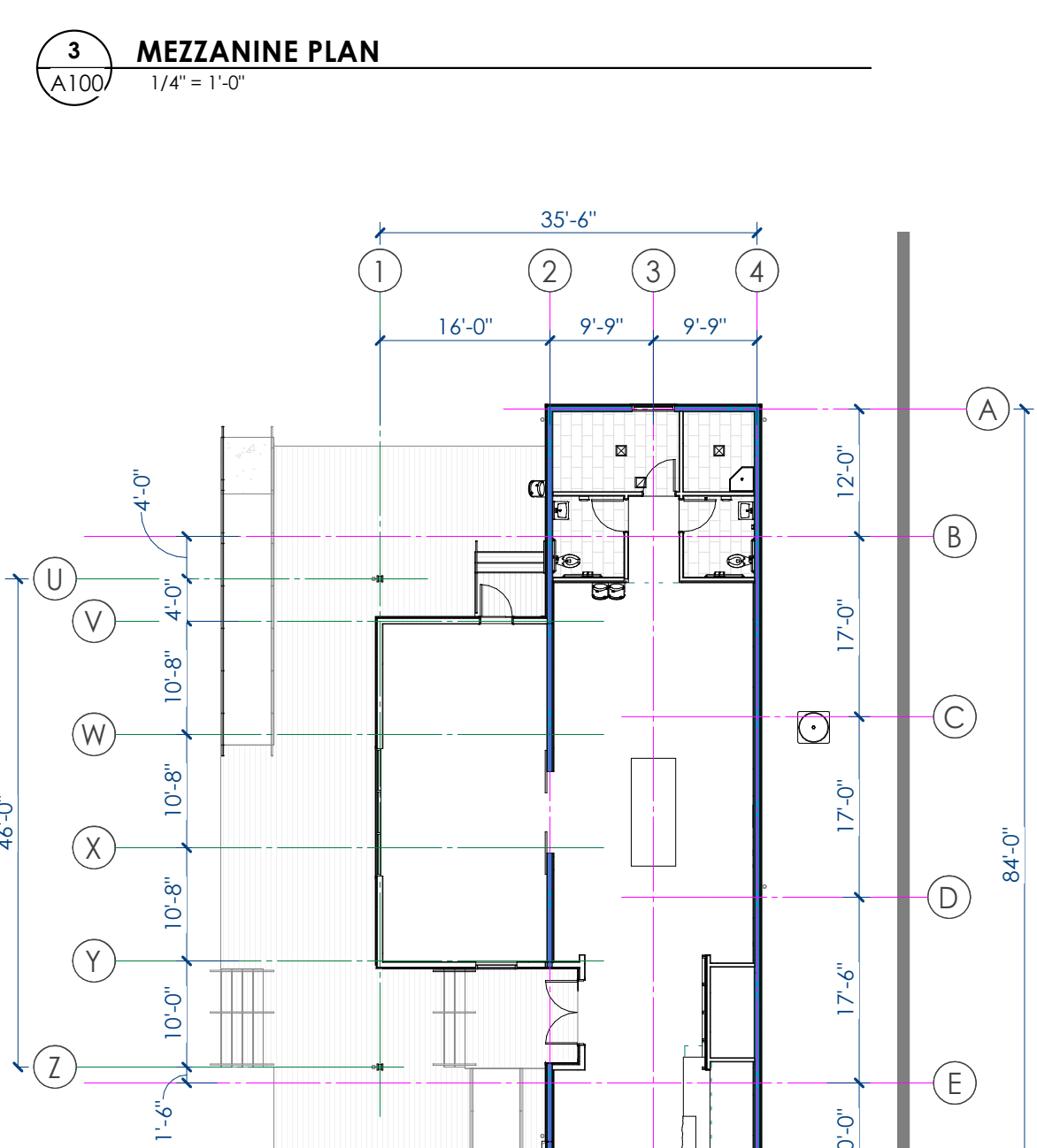
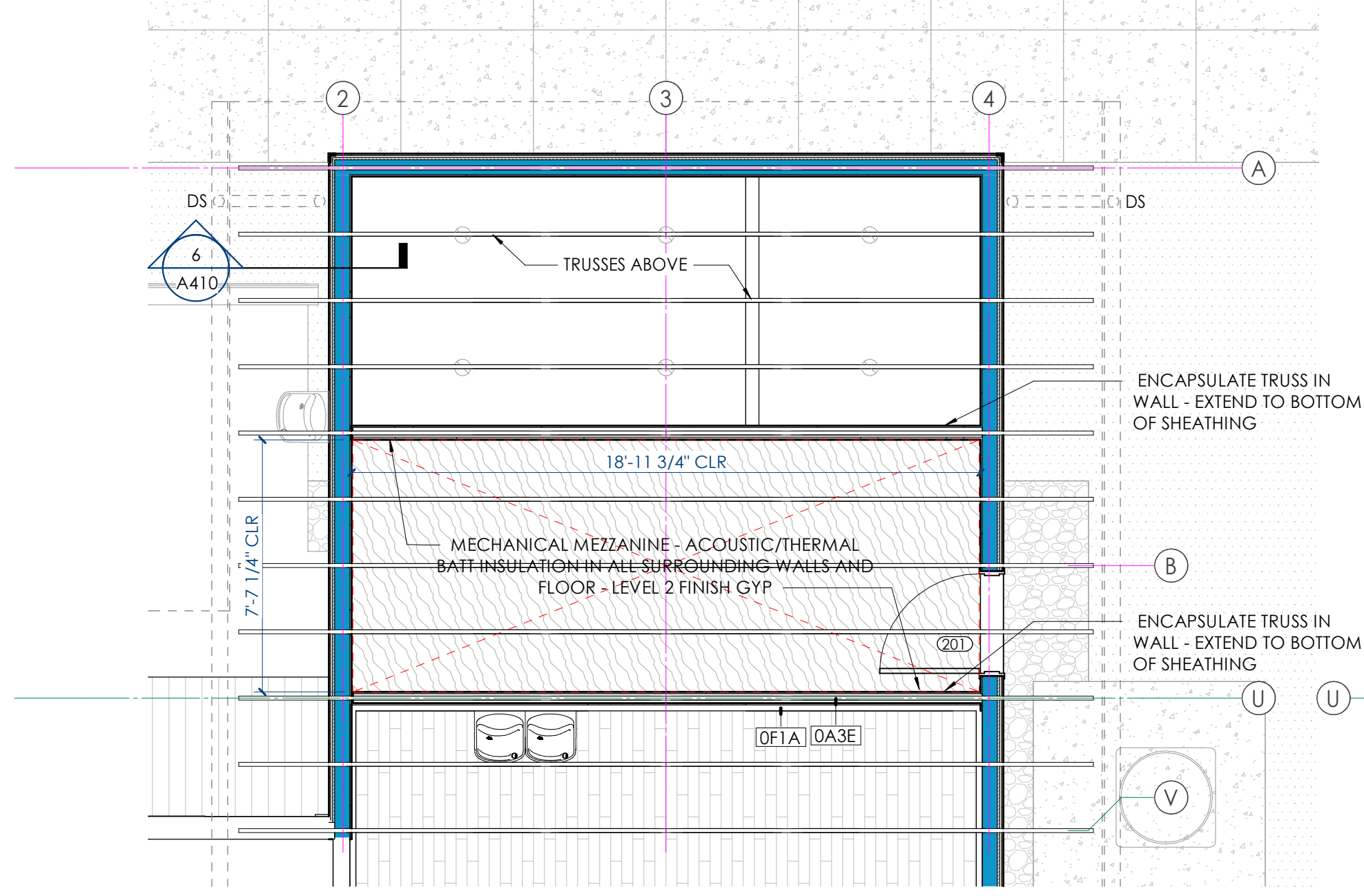
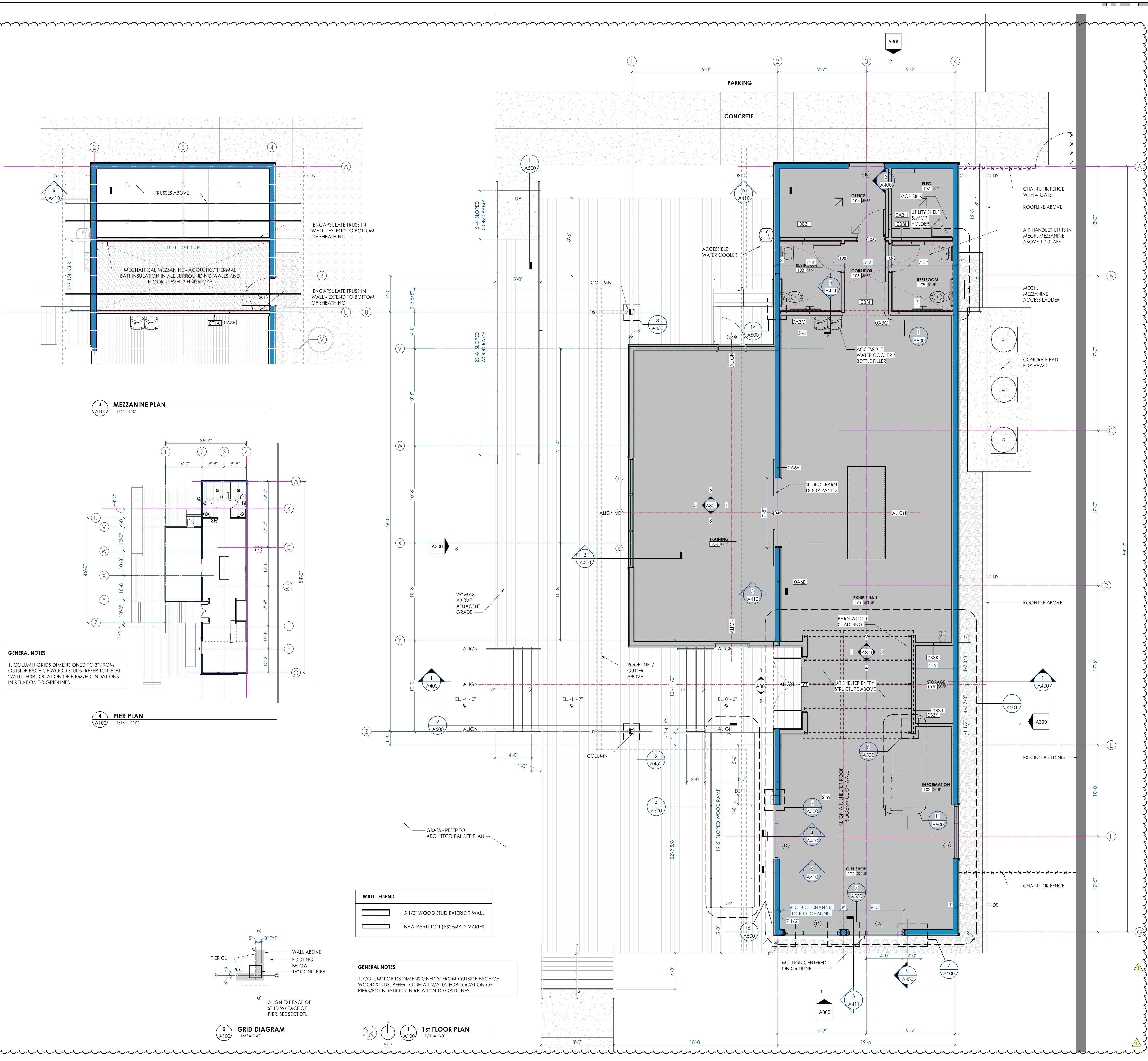
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 PA / PC: J. THOMAS
 DRAWN BY: B. ARCHER
 CHECKED BY: B. RAINES
 DRAWING TITLE:

FLOOR PLAN

DRAWING NO: **A100**

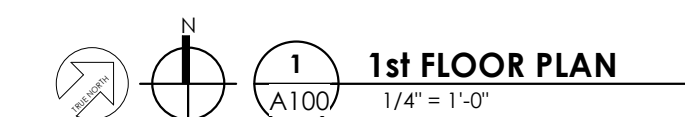


GENERAL NOTES
 1. COLUMN GRIDS DIMENSIONED 3" FROM OUTSIDE FACE OF WOOD STUDS. REFER TO DETAIL 2/A100 FOR LOCATION OF PIERS/FOUNDATIONS IN RELATION TO GRIDLINES.

WALL LEGEND

[Symbol]	5 1/2" WOOD STUD EXTERIOR WALL
[Symbol]	NEW PARTITION (ASSEMBLY VARIES)

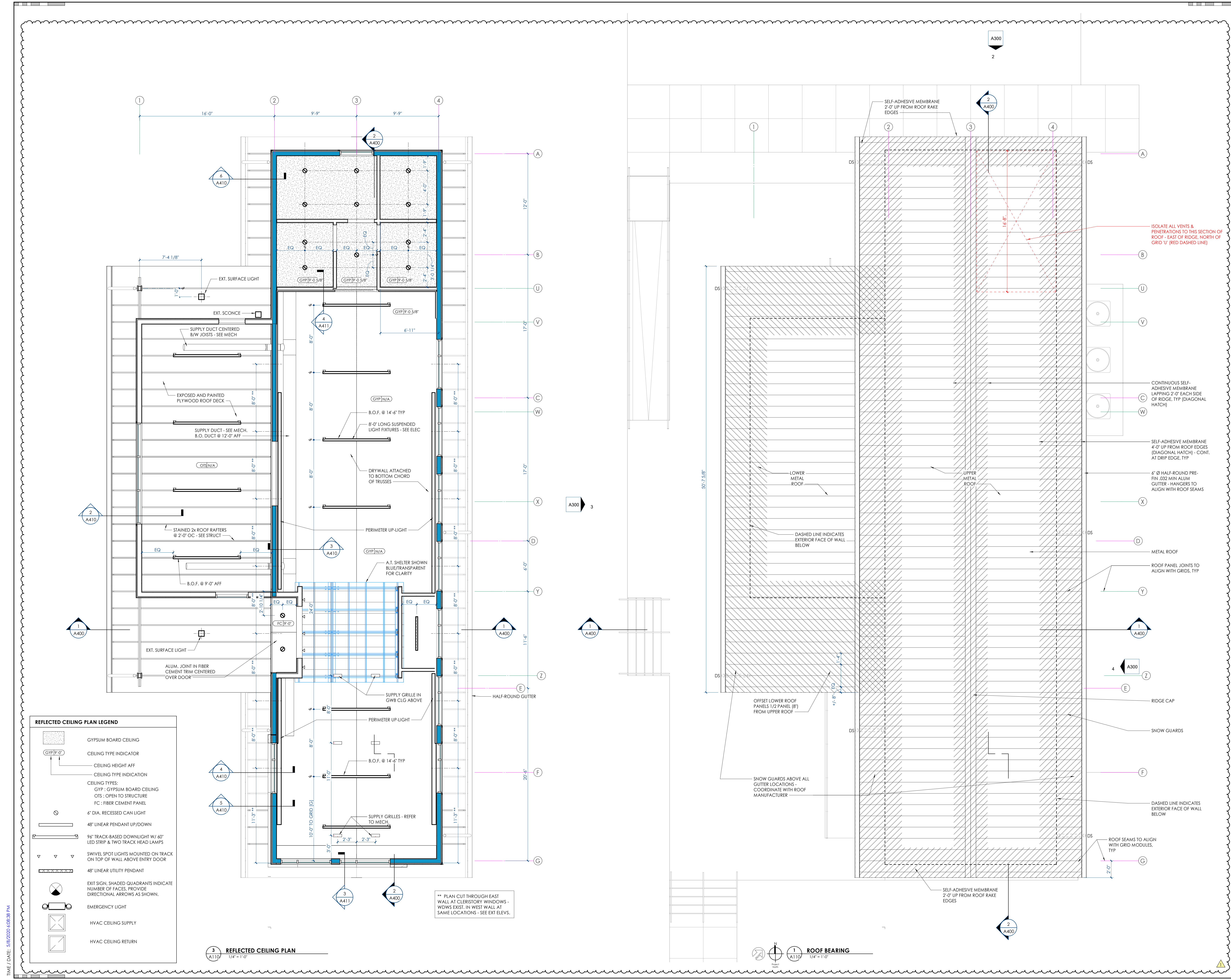
GENERAL NOTES
 1. COLUMN GRIDS DIMENSIONED 3" FROM OUTSIDE FACE OF WOOD STUDS. REFER TO DETAIL 2/A100 FOR LOCATION OF PIERS/FOUNDATIONS IN RELATION TO GRIDLINES.



BINDING EDGE

BINDING EDGE

BINDING EDGE



REFLECTED CEILING PLAN LEGEND

	GYPSUM BOARD CEILING
	CEILING TYPE INDICATOR
	CEILING HEIGHT AFF
	CEILING TYPE INDICATION
CEILING TYPES:	
	GYP - GYPSUM BOARD CEILING
	OTS - OPEN TO STRUCTURE
	FC - FIBER CEMENT PANEL
	6" DIA. RECESSED CAN LIGHT
	48" LINEAR PENDANT UP/DOWN
	96" TRACK-BASED DOWNLIGHT W/ 60" LED STRIP & TWO TRACK HEAD LAMPS
	SWIVEL SPOT LIGHTS MOUNTED ON TRACK ON TOP OF WALL ABOVE ENTRY DOOR
	48" LINEAR UTILITY PENDANT
	EXIT SIGN. SHADED QUADRANTS INDICATE NUMBER OF FACES. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
	EMERGENCY LIGHT
	HVAC CEILING SUPPLY
	HVAC CEILING RETURN

REFLECTED CEILING PLAN
1/4" = 1'-0"

** PLAN CUT THROUGH EAST WALL AT CLERESTORY WINDOWS - WDWs EXIST, IN WEST WALL AT SAME LOCATIONS - SEE EXT ELEV.

ROOF BEARING
1/4" = 1'-0"

17063

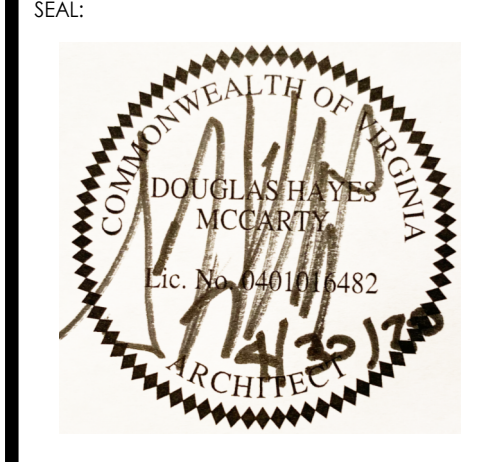
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: DAVID COLLINS, AIA, LEED AP
EMAIL: DCollins@mhmcc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhmcc.com

PROJECT INFORMATION
CONTRACT: SBC-000000000000000

DAMASCUS TRAIL CENTER
223 W Laurel Ave., Damascus, VA
DAMASCUS, VIRGINIA 24236

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDL-CHECK
- CONSTRUCTION DOCUMENTS
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

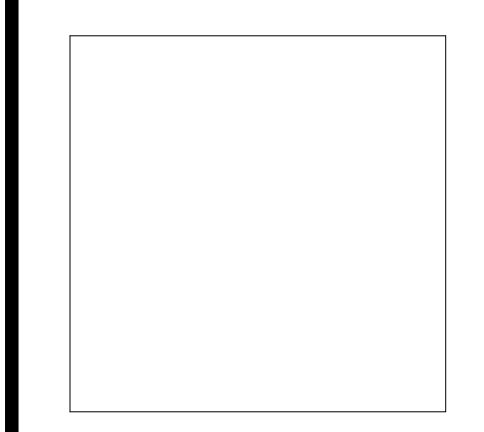


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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

LET PLAN:



REVISION INFORMATION

NO.	Date	Description
1	4.30.20	ENLARGED BLDG.

DRAWING INFORMATION
SCALE: 1/4" = 1'-0"
SCALE GUIDE:
DWG ISSUED: 15 OCT 2019
PRJ MGR: D. COLLINS
PA / PC: J. THOMAS
DRAWN BY: B. ARCHER
CHECKED BY: B. RAINES

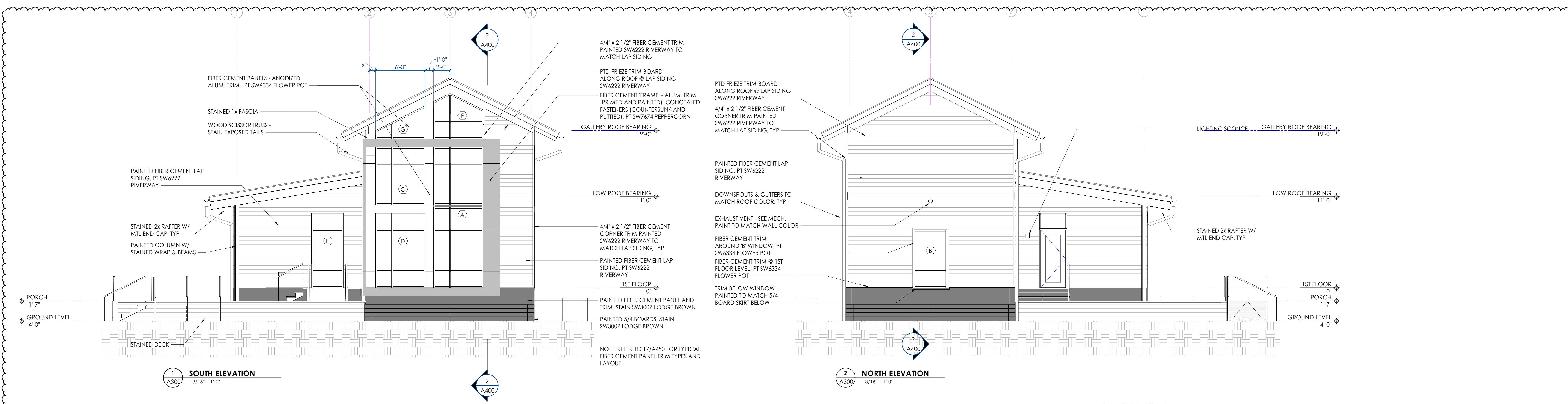
ROOF PLAN AND REFLECTED CEILING PLAN

DRAWING NO: **A110**

BINDING EDGE

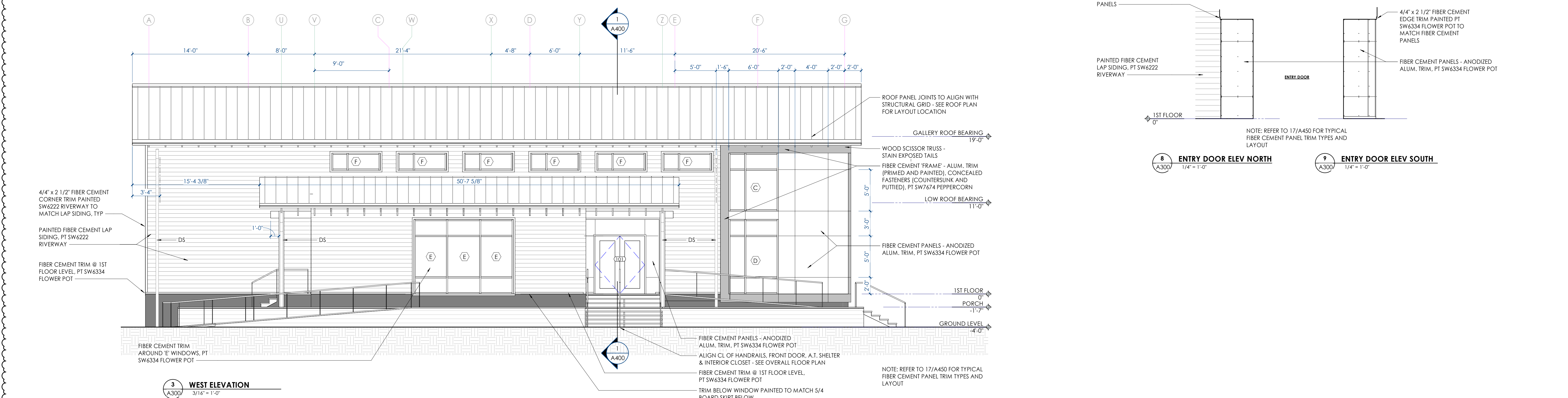
BINDING EDGE

BINDING EDGE



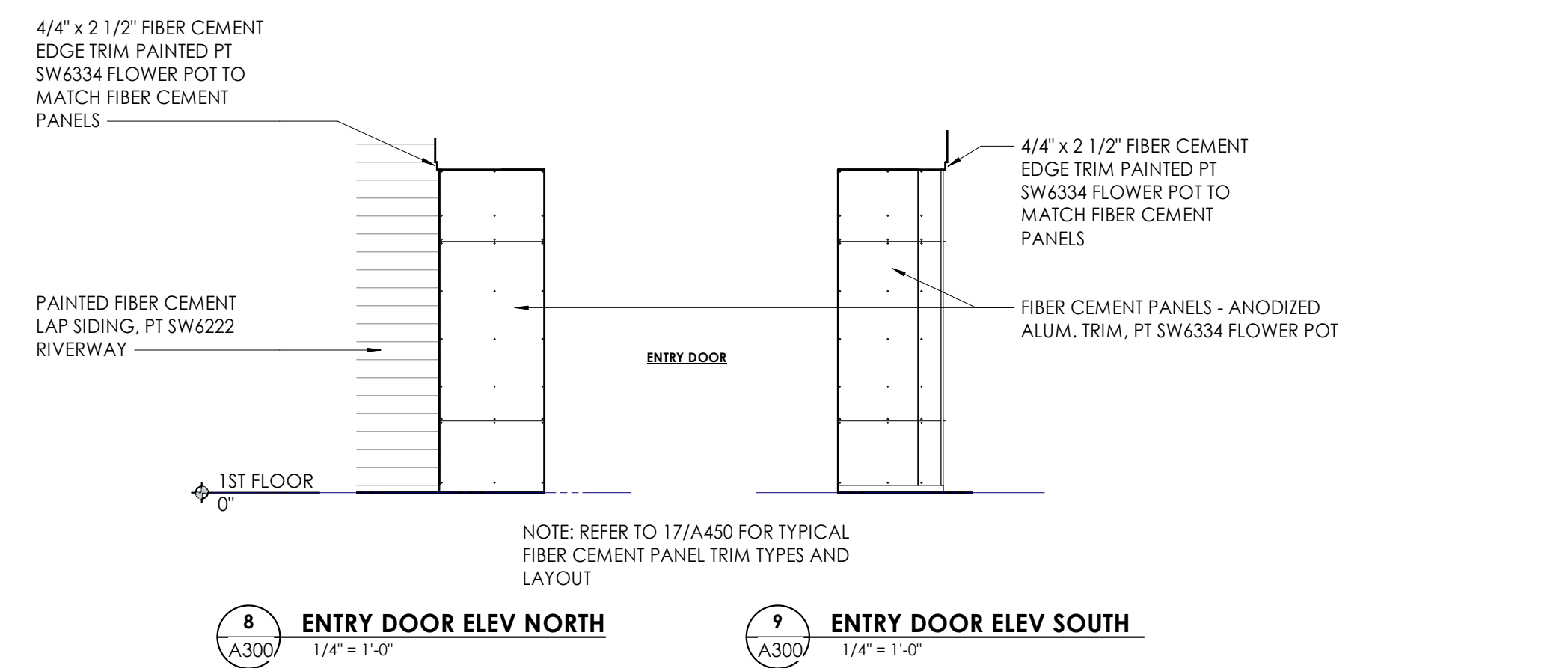
1 SOUTH ELEVATION
3/16" = 1'-0"

2 NORTH ELEVATION
3/16" = 1'-0"



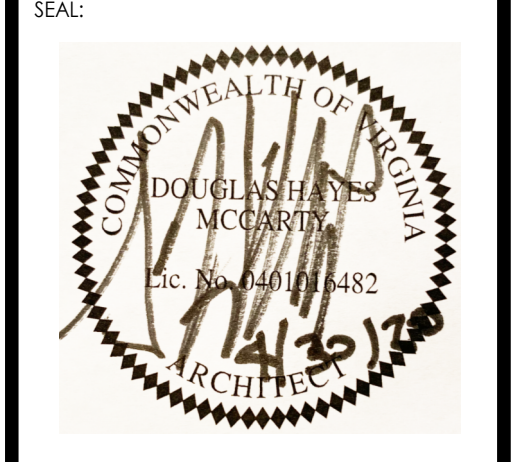
3 WEST ELEVATION
3/16" = 1'-0"

4 EAST ELEVATION
3/16" = 1'-0"



8 ENTRY DOOR ELEV NORTH
1/4" = 1'-0"

9 ENTRY DOOR ELEV SOUTH
1/4" = 1'-0"



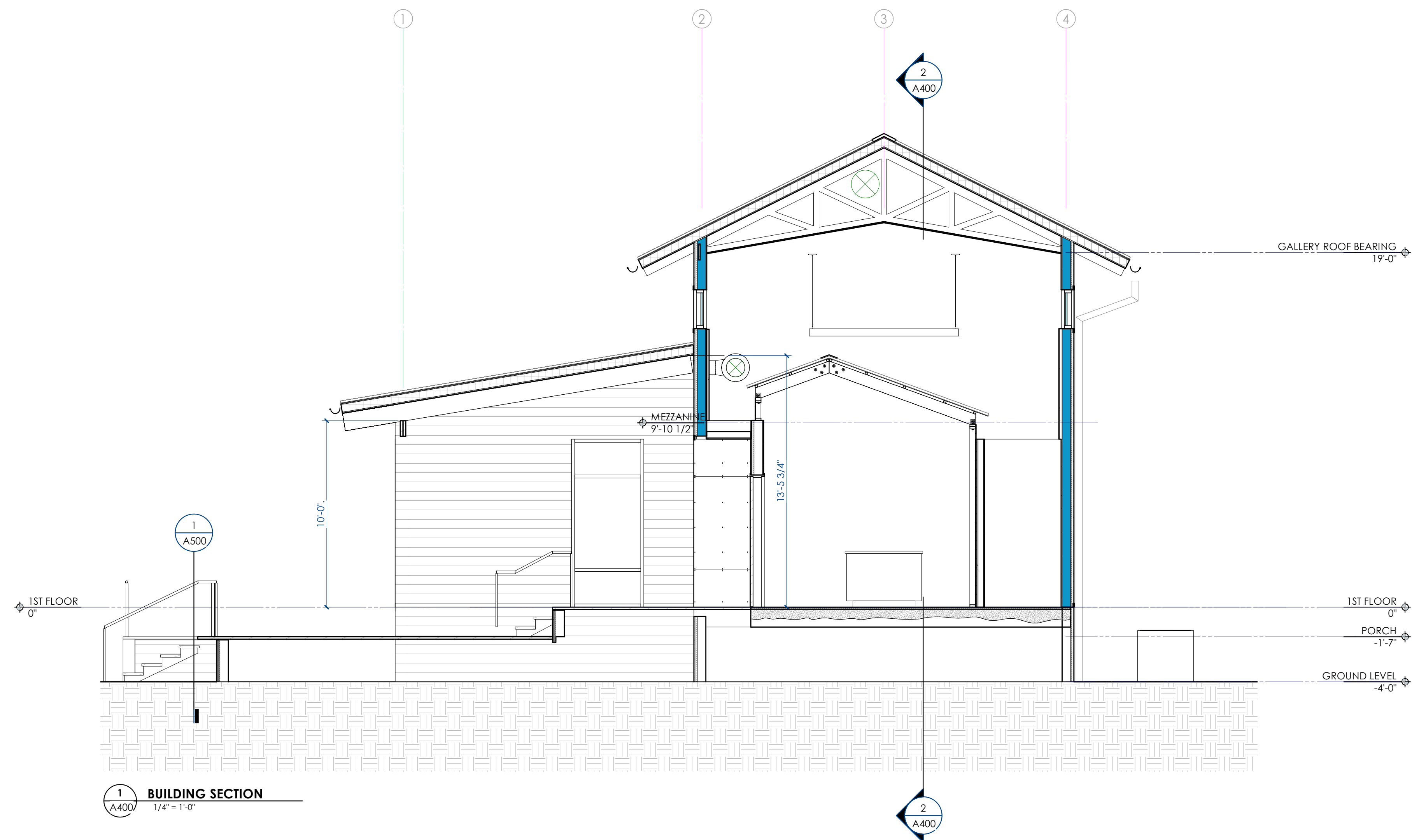
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NO.	Date	Description
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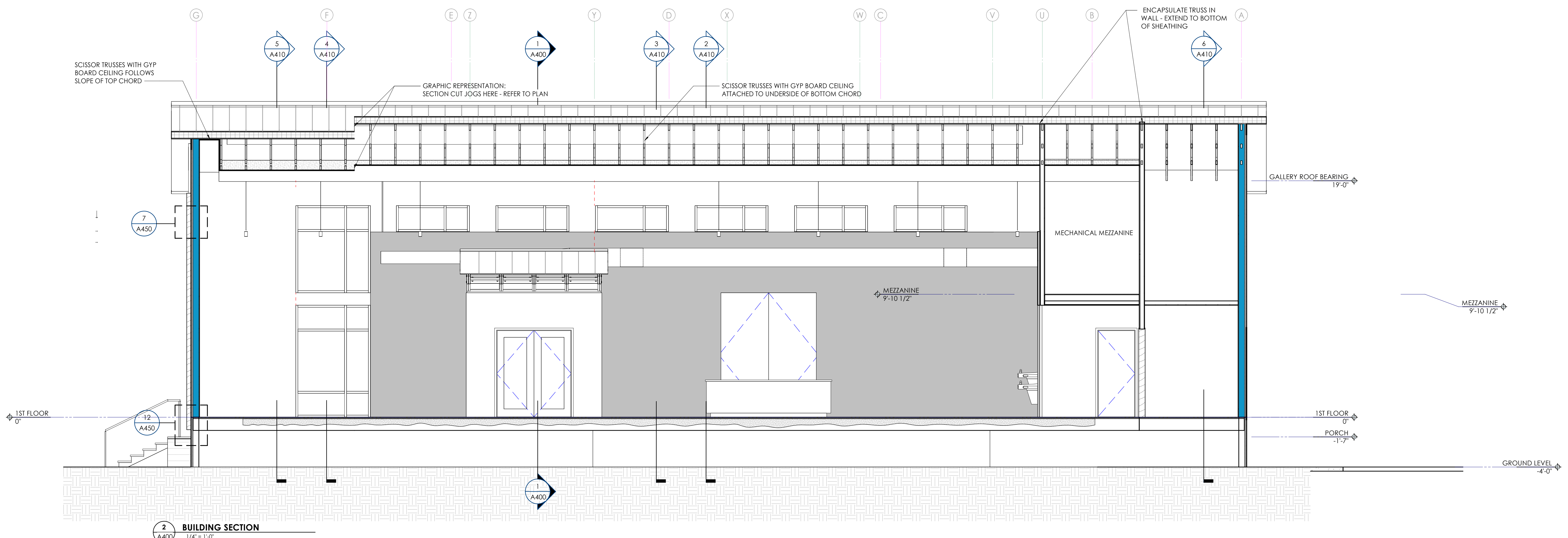
BINDING EDGE

BINDING EDGE

BINDING EDGE



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



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

TIME / DATE: 5/19/2020 6:08:46 PM

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HOLSAPLE
MCCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

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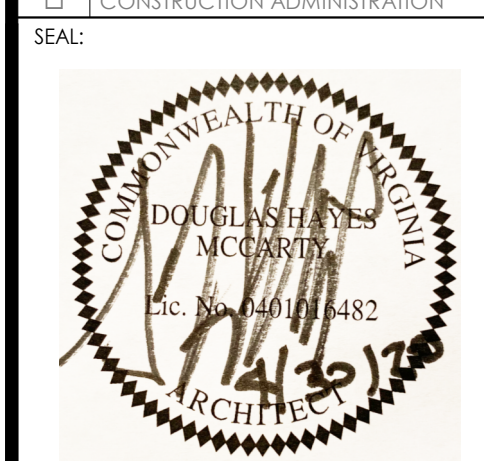
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTRACT: DAVID COLLINS, AIA, LEED AP
EMAIL: DCollins@mhmnc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhmnc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

DAMASCUS TRAIL CENTER

223 W Laurel Ave. Damascus, VA
DAMASCUS, VIRGINIA 24236

ACTIVE DESIGN PHASE
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CODES OFFICIAL REVIEW

LET PLAN:

REVISION INFORMATION

NO.	DATE	DESCRIPTION
1	4.30.20	ENLARGED BLDG.

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	15 OCT 2019
PRJ MGR:	D. COLLINS
PA / PC:	J. THOMAS
DRAWN BY:	B. ARCHER
CHECKED BY:	B. RAINEB
DRAWING TITLE:	

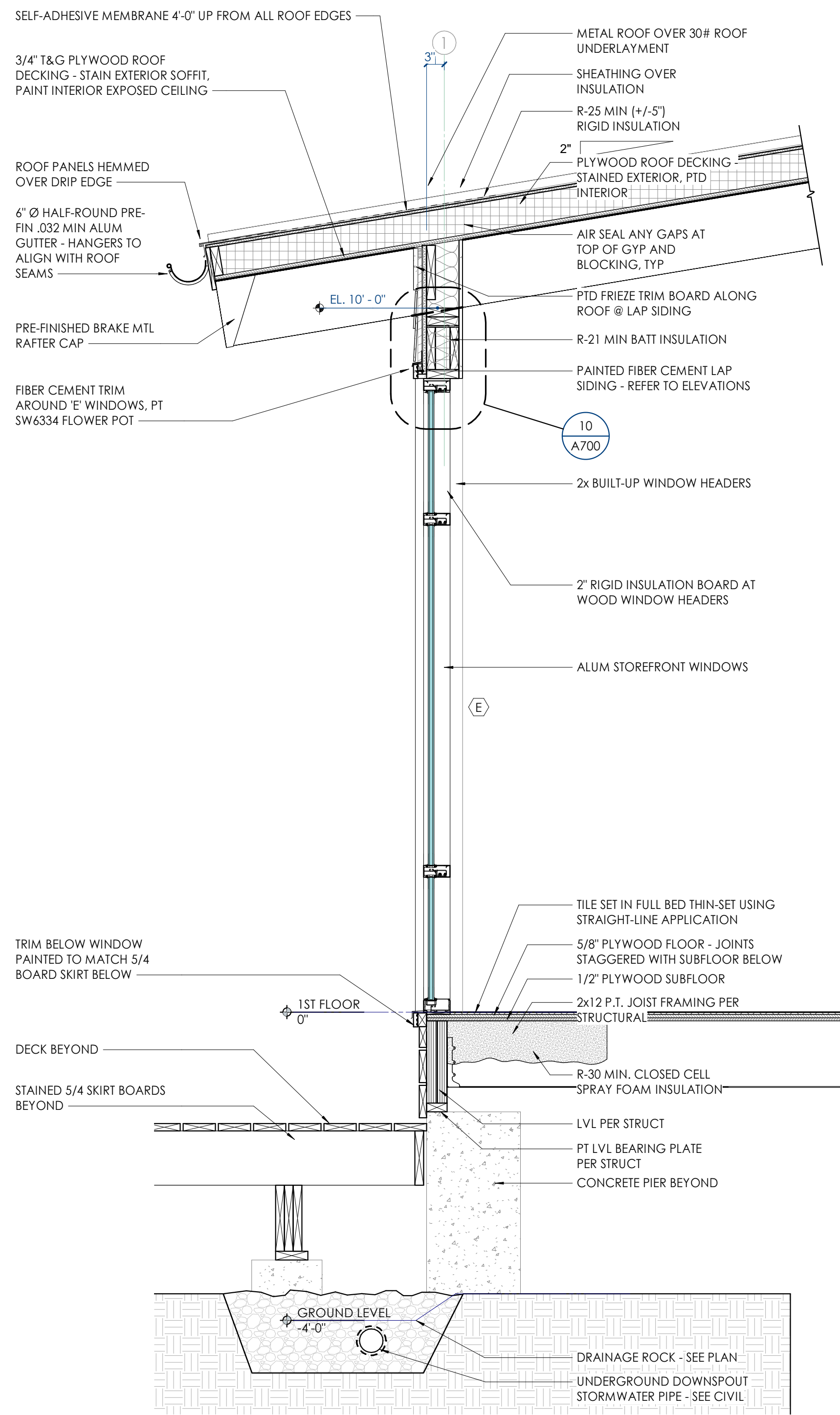
BUILDING SECTIONS

DRAWING NO: **A400**

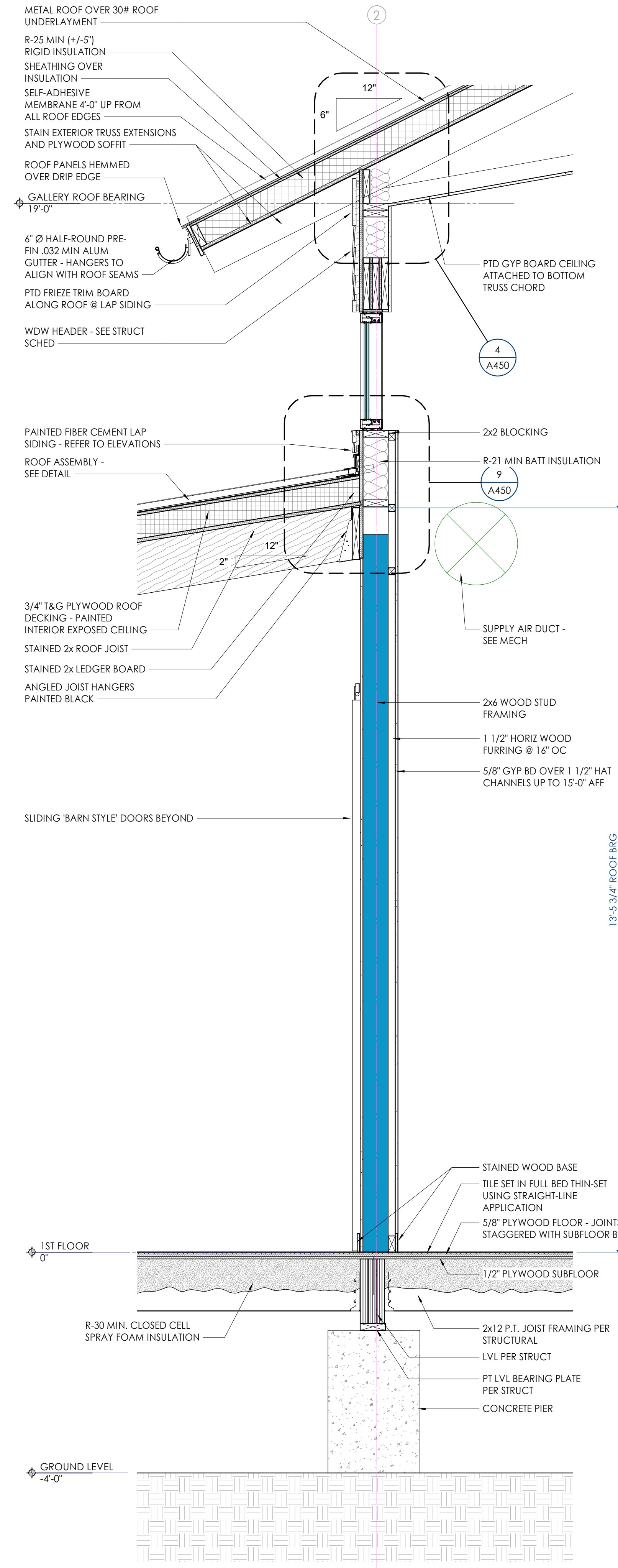
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BINDING EDGE

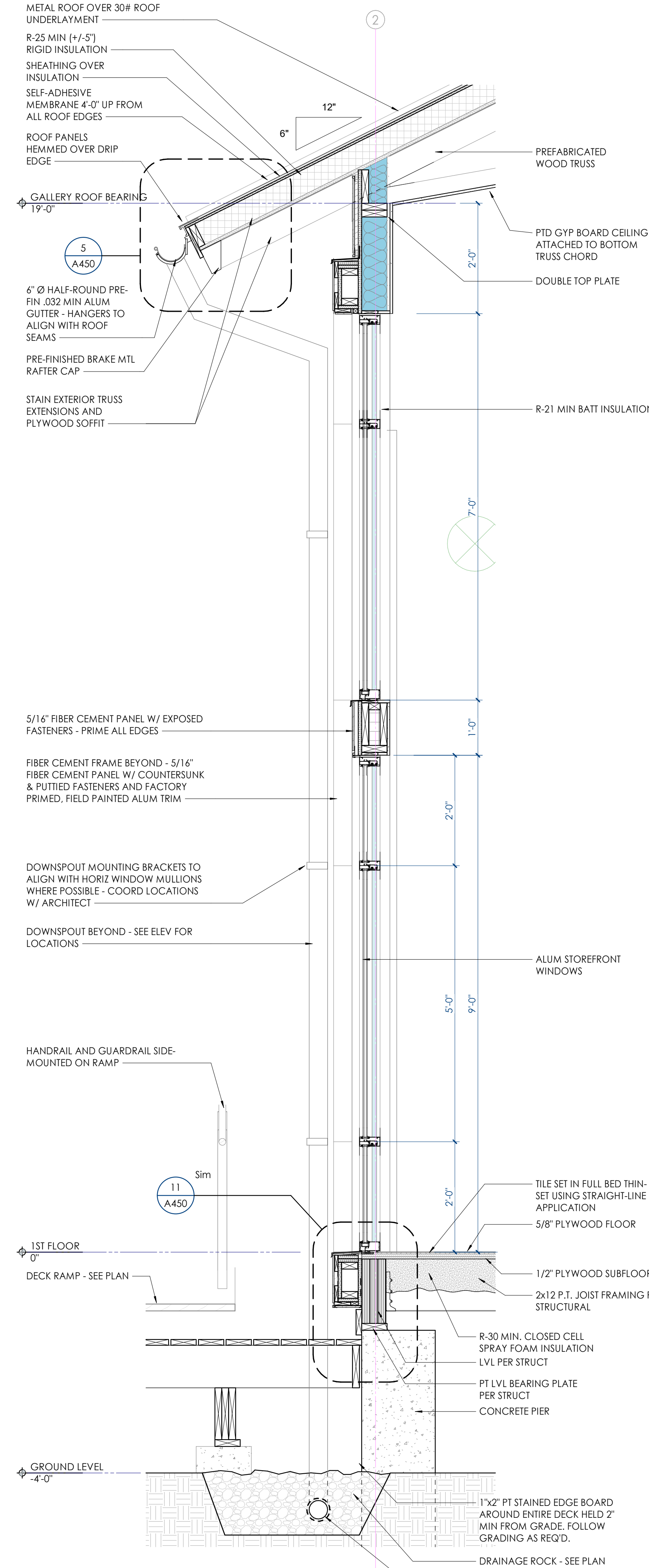
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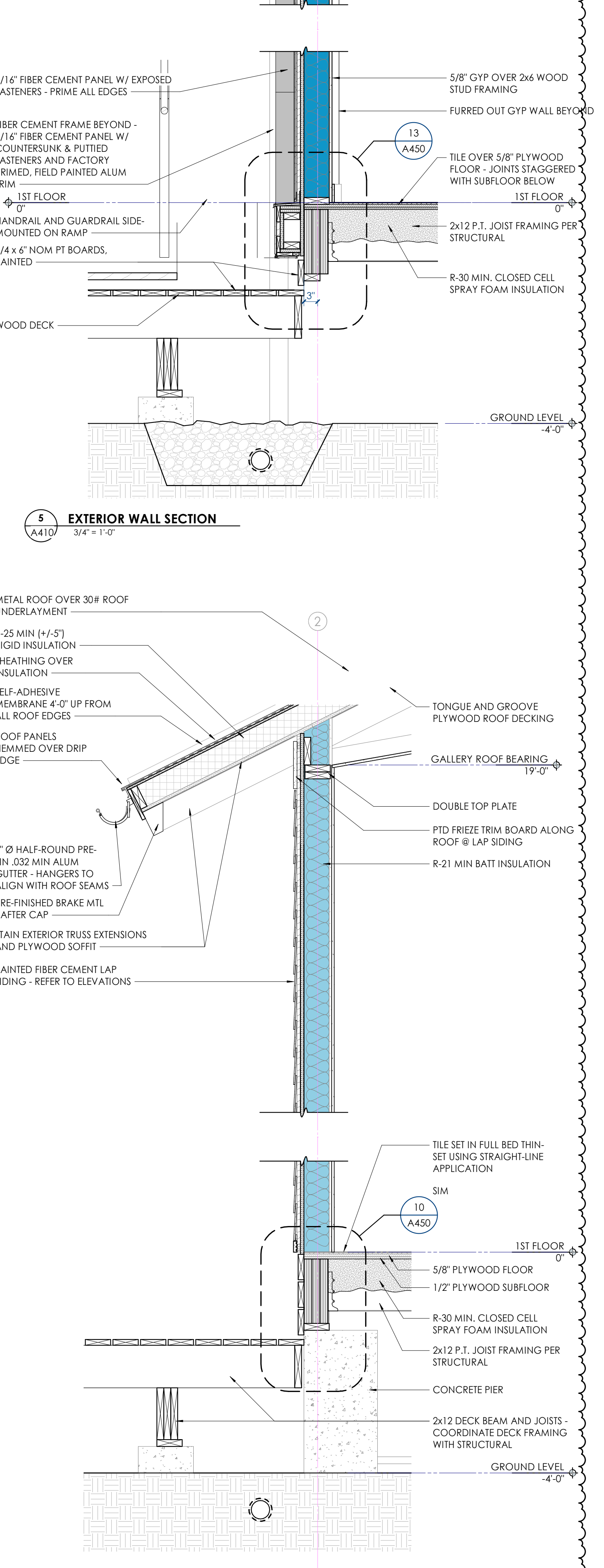
2 EXTERIOR WALL SECTION
3/4" = 1'-0"



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

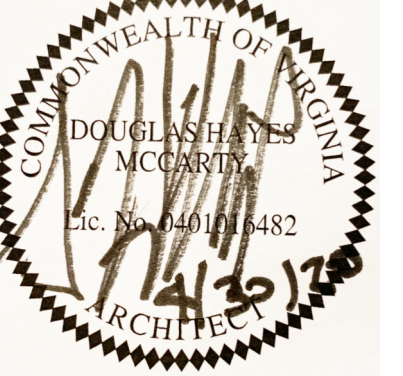


4 EXTERIOR WALL SECTION
3/4" = 1'-0"



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

NOTE: ALL LAP SIDING TO COORDINATE LAP LOCATIONS/HEIGHTS AROUND BUILDING. 1ST COURSE LAP TO START AT +2 1/2' ABOVE 1ST FLOOR LEVEL. ABOVE FIBER CEMENT TRIM BASE). FOLLOW ALL MFR RECOMMENDATIONS FOR STAGGERED JOINTING AND FLASHING BEHIND BUILT JOINTS.



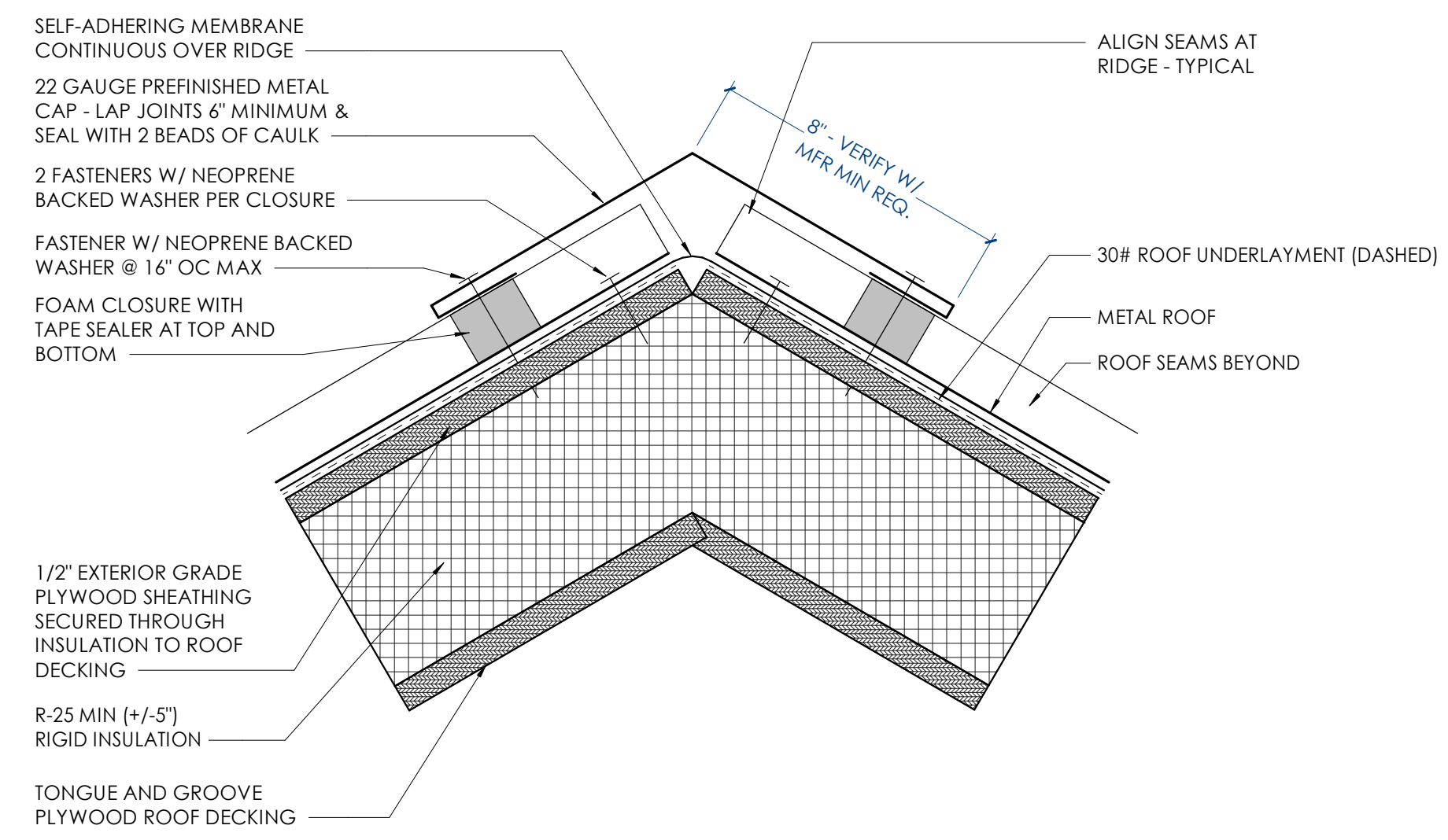
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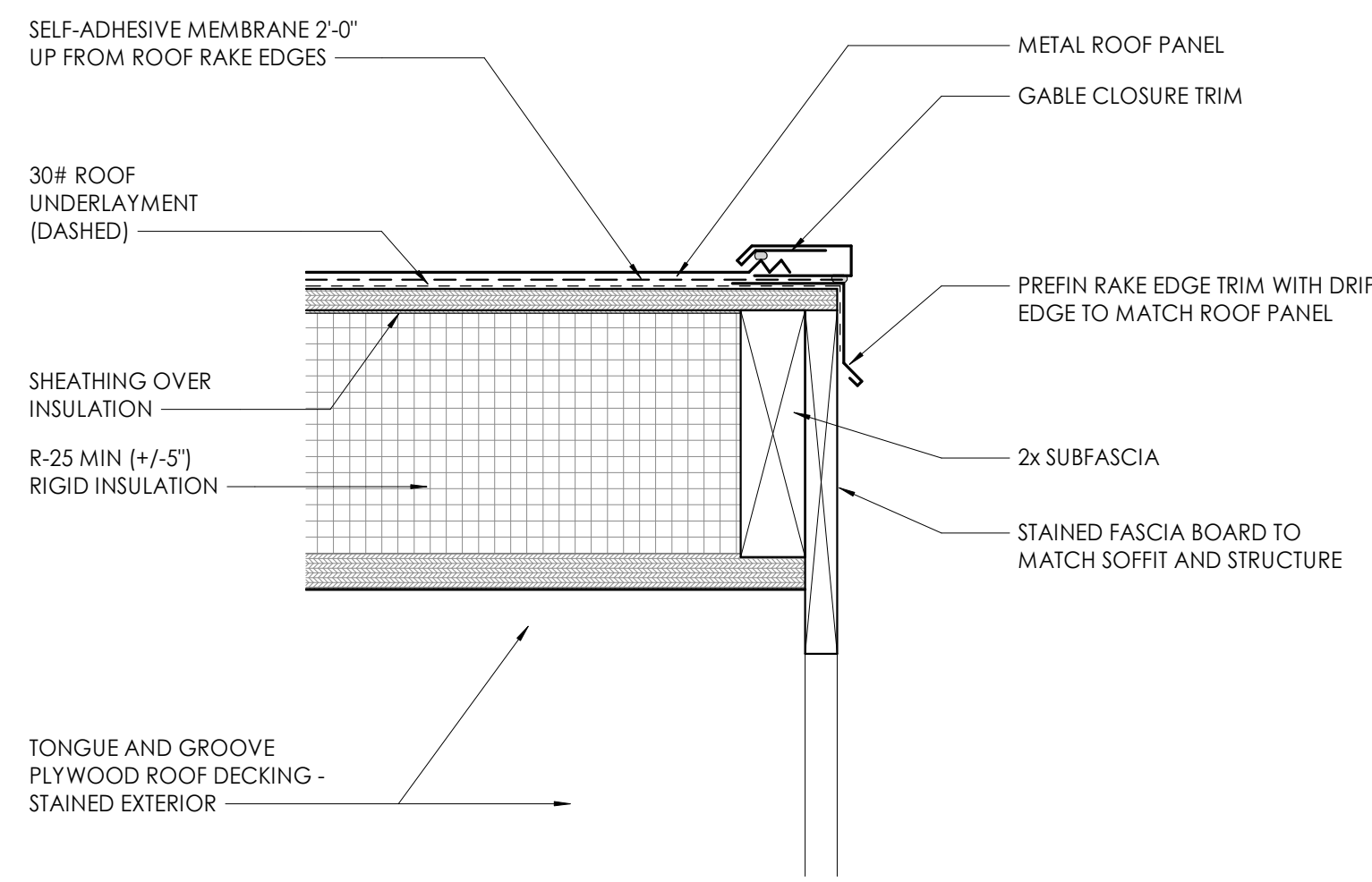
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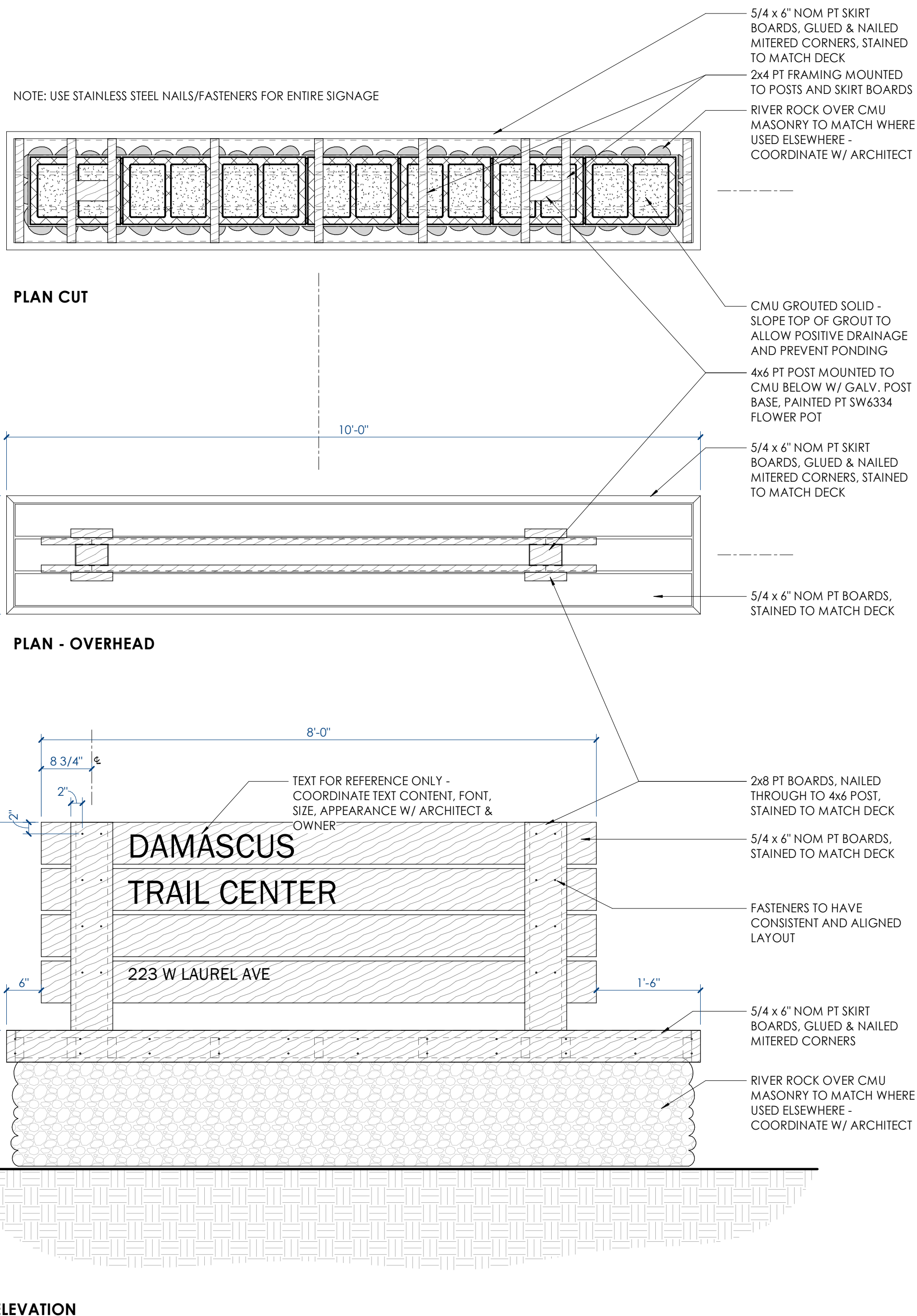
BINDING EDGE



1 METAL ROOF PANEL RIDGE DETAIL
3" = 1'-0"



2 ROOF RAKE EDGE DTL
3" = 1'-0"



4 SITE SIGN DETAILS
3/4" = 1'-0"

TIME / DATE: 5/19/2020 6:08:38 PM

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550 W. MAIN STREET, SUITE 300
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PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

DAMASCUS TRAIL CENTER

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

LET PLAN

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE: As Indicated
 SCALE GUIDE:
 DWG ISSUED: 15 OCT 2019
 FR./MGR.: D. COLLINS
 PA./PC.: J. THOMAS
 DRAWN BY: B. ARCHER
 CHECKED BY: B. RAINES
 DRAWING TITLE:

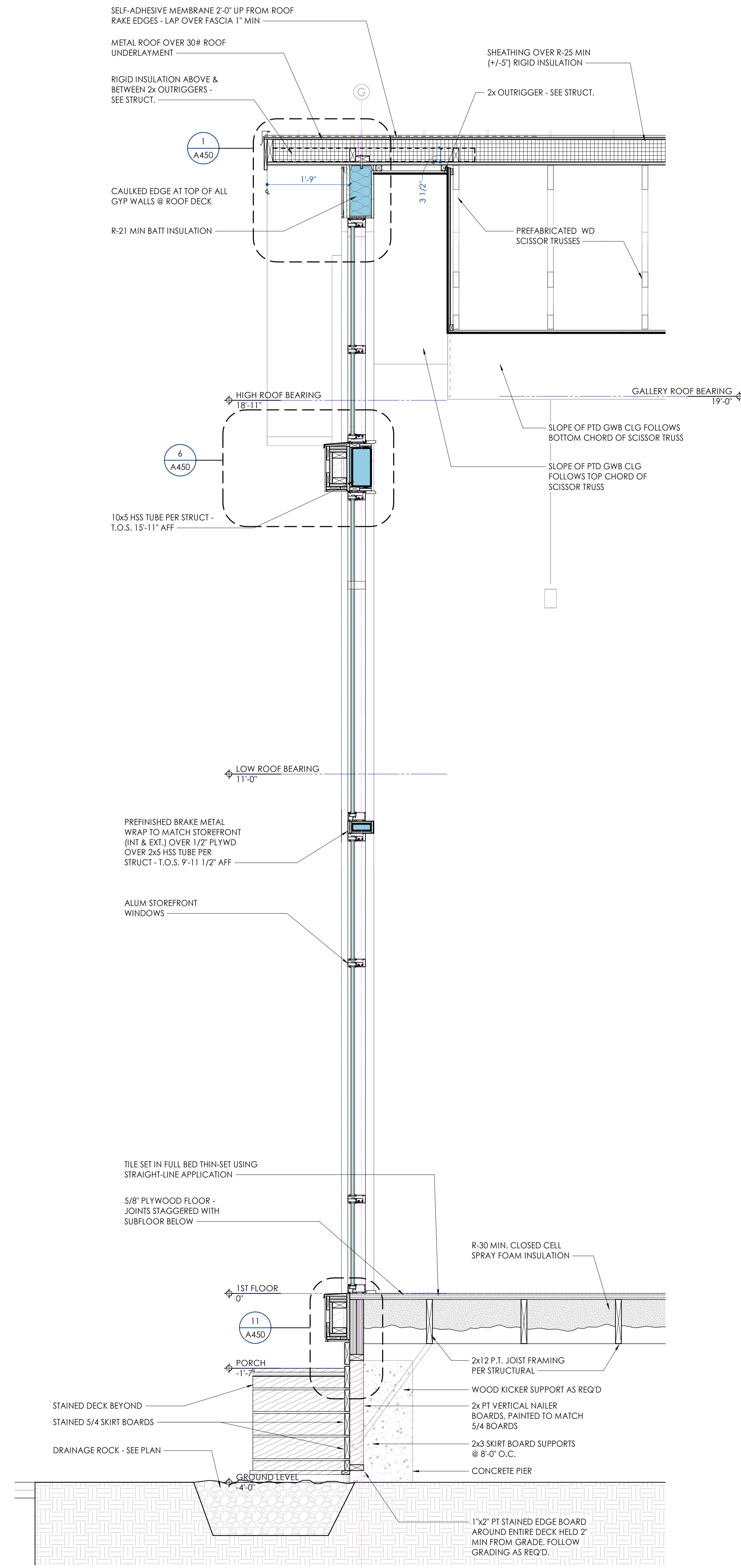
TYPICAL DETAILS

DRAWING NO: **A451**

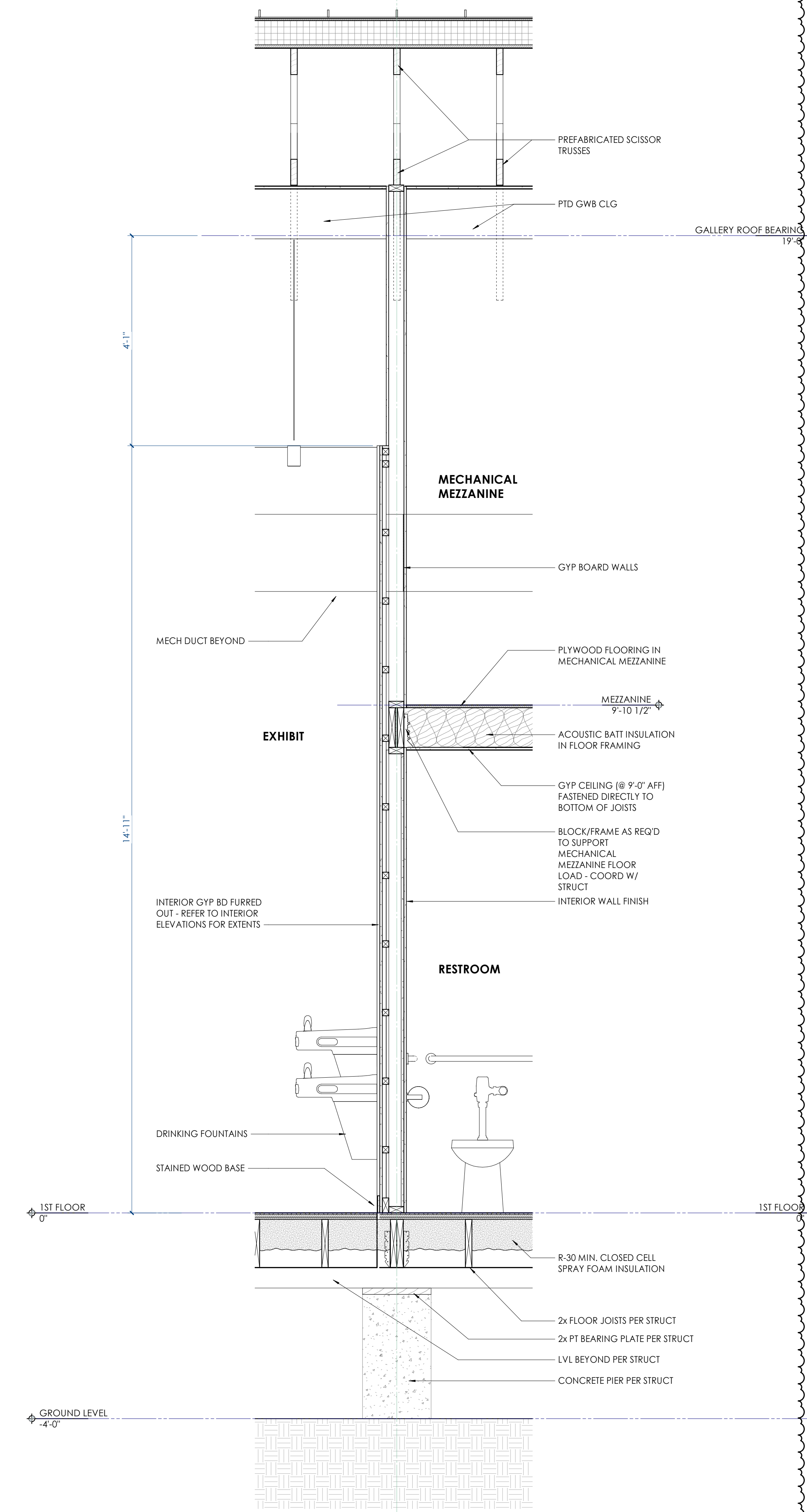
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BINDING EDGE

BINDING EDGE

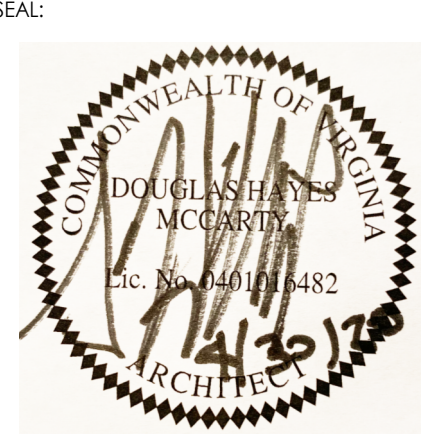


3 A411 EXTERIOR WALL SECTION 3/4" = 1'-0"



4 A411 EXTERIOR WALL SECTION 3/4" = 1'-0"

NOTE: ALL LAP SIDING TO COORDINATE LAP LOCATIONS/HEIGHTS AROUND BUILDING. 1ST COURSE LAP TO START AT +2'-1/2\"/>

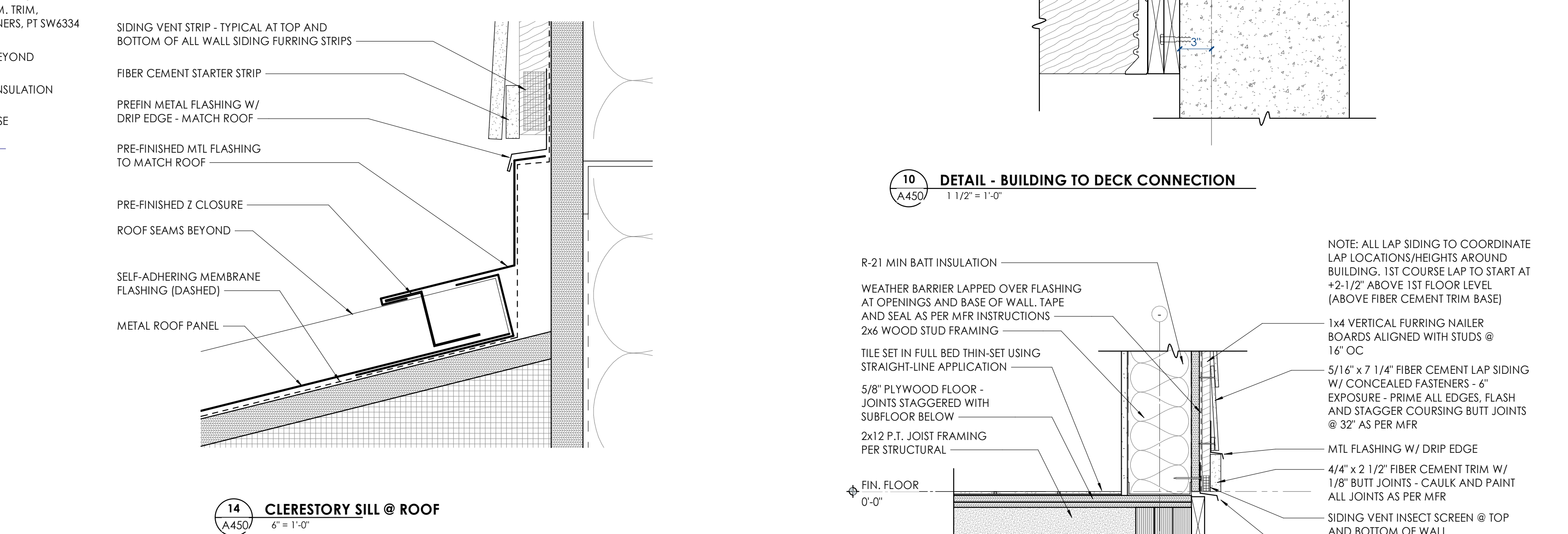
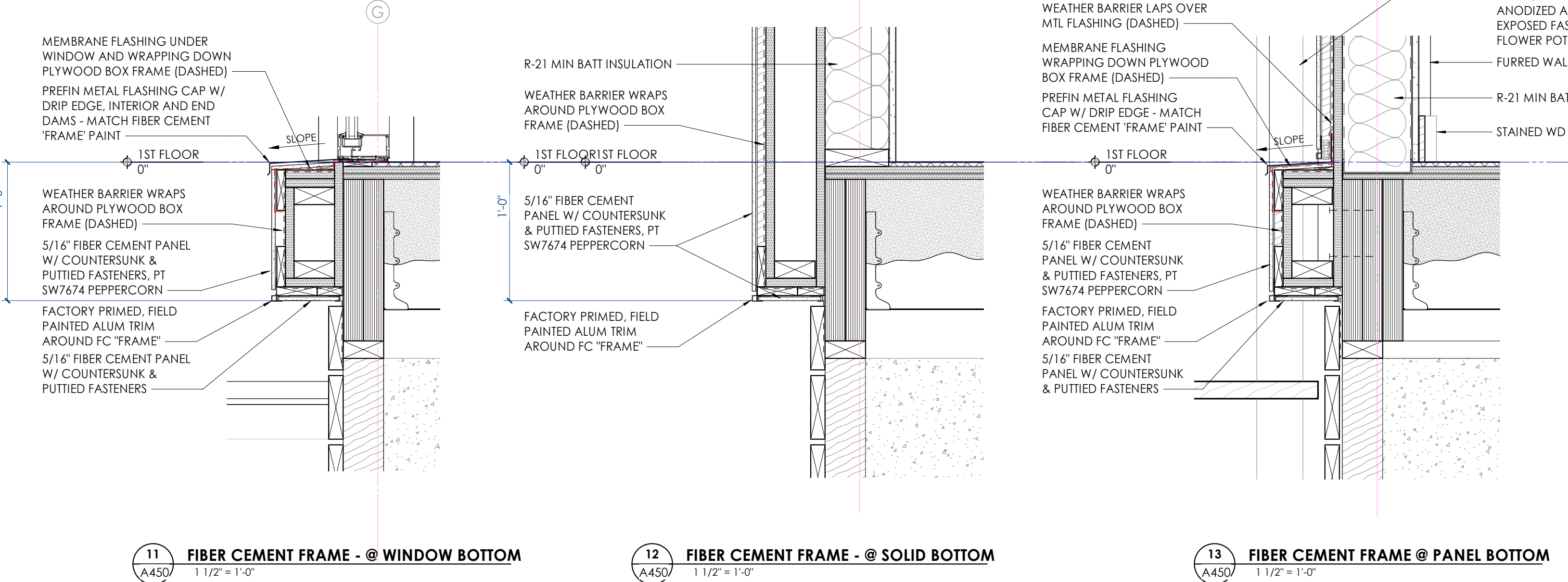
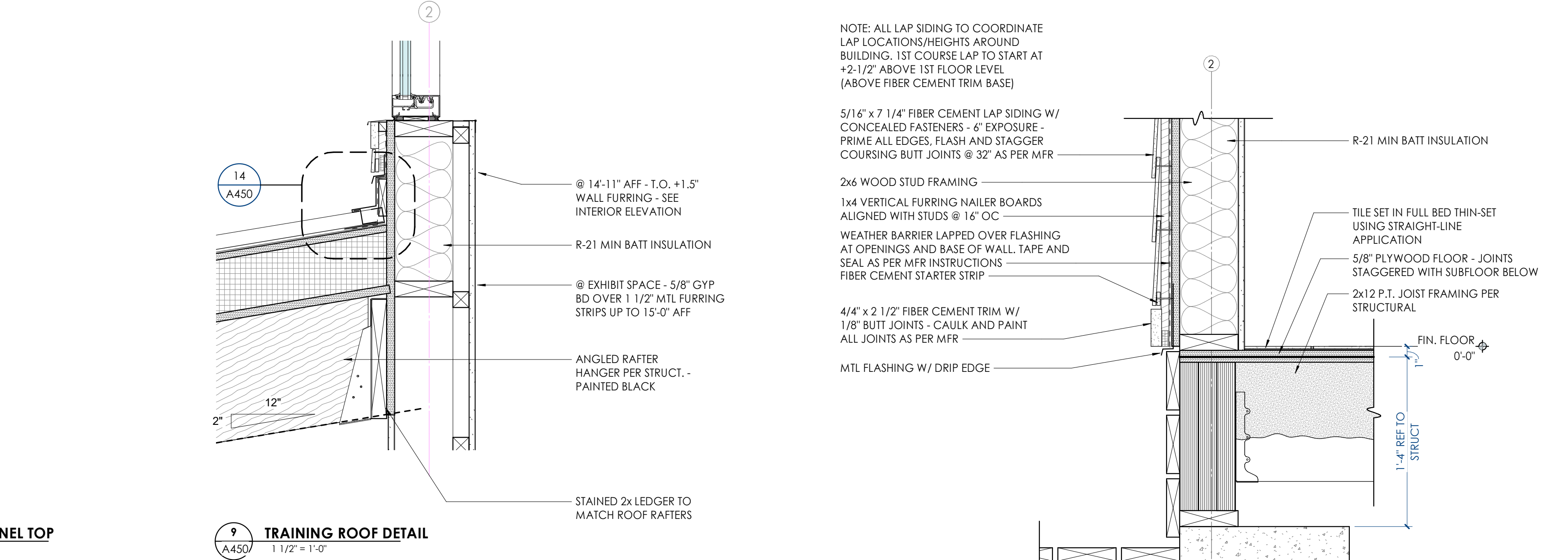
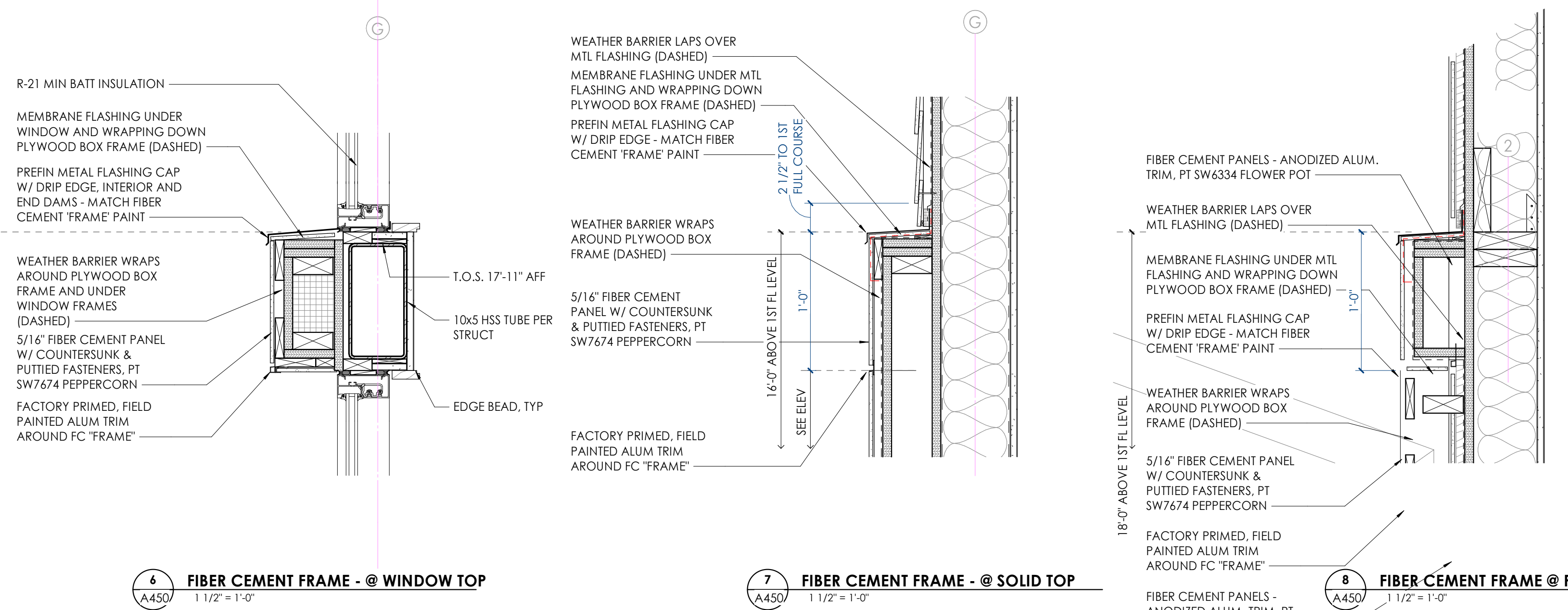
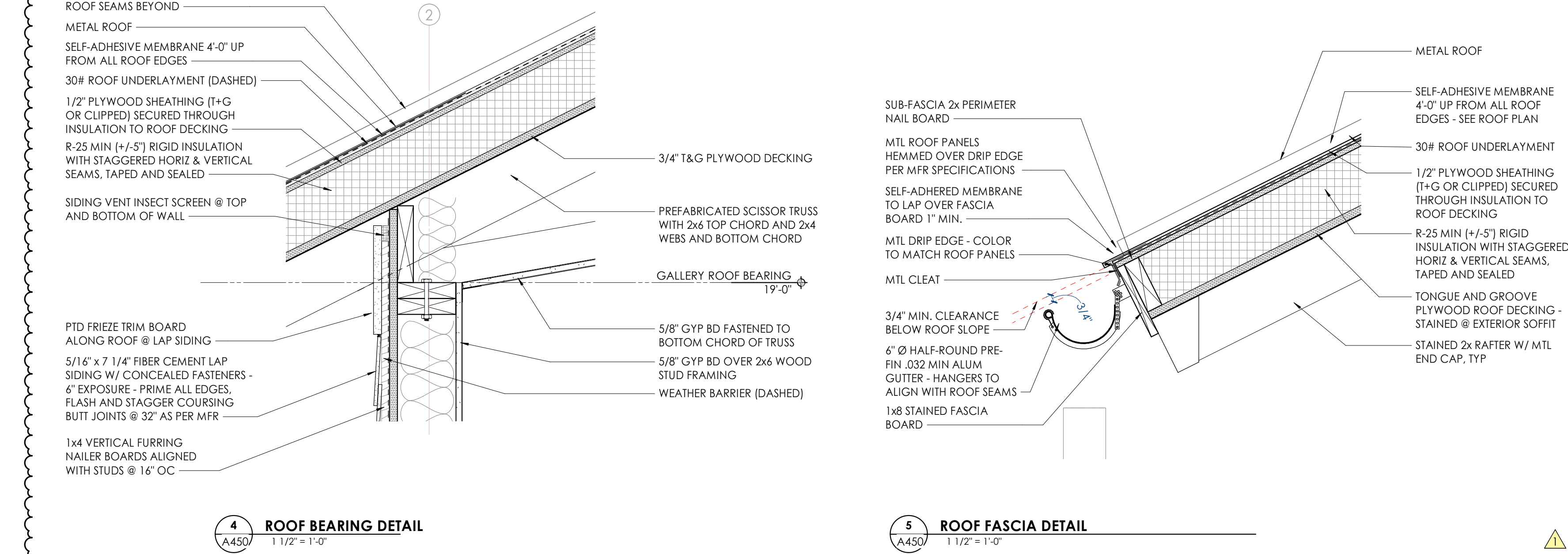
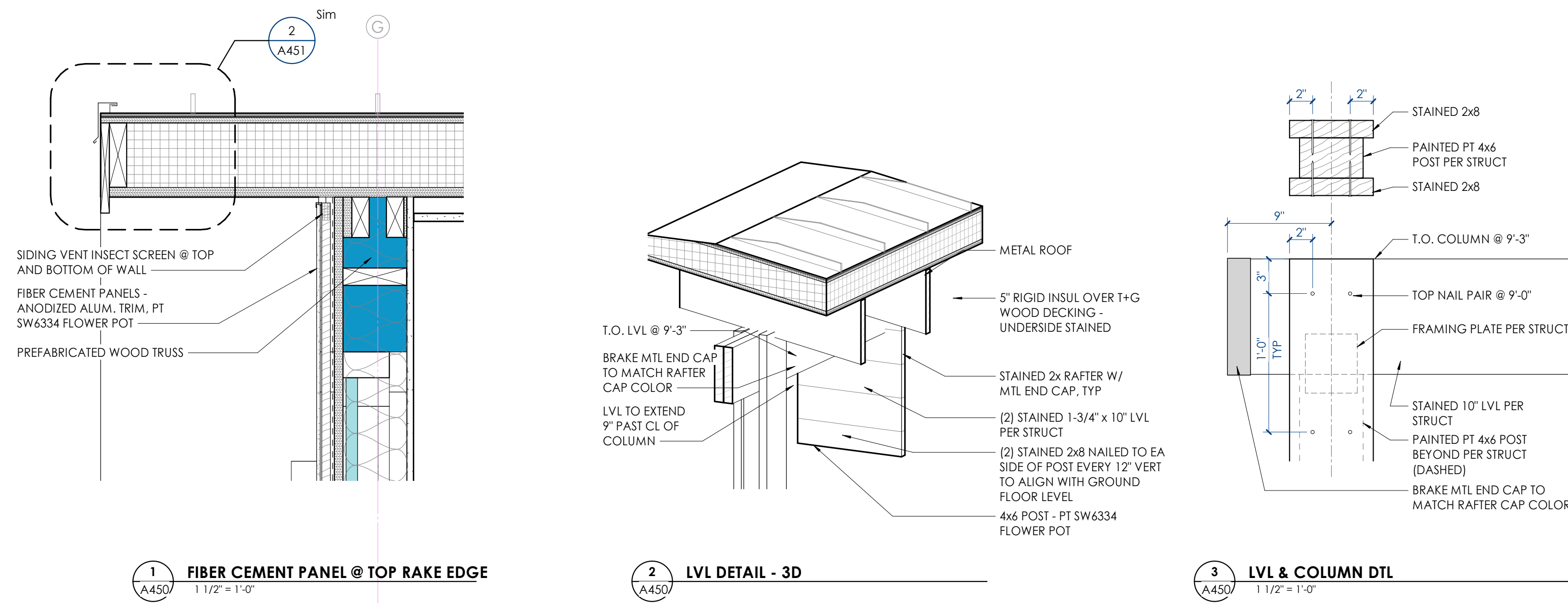


NO.	DATE	DESCRIPTION
1	4.30.20	ENLARGED BLDG.

BINDING EDGE

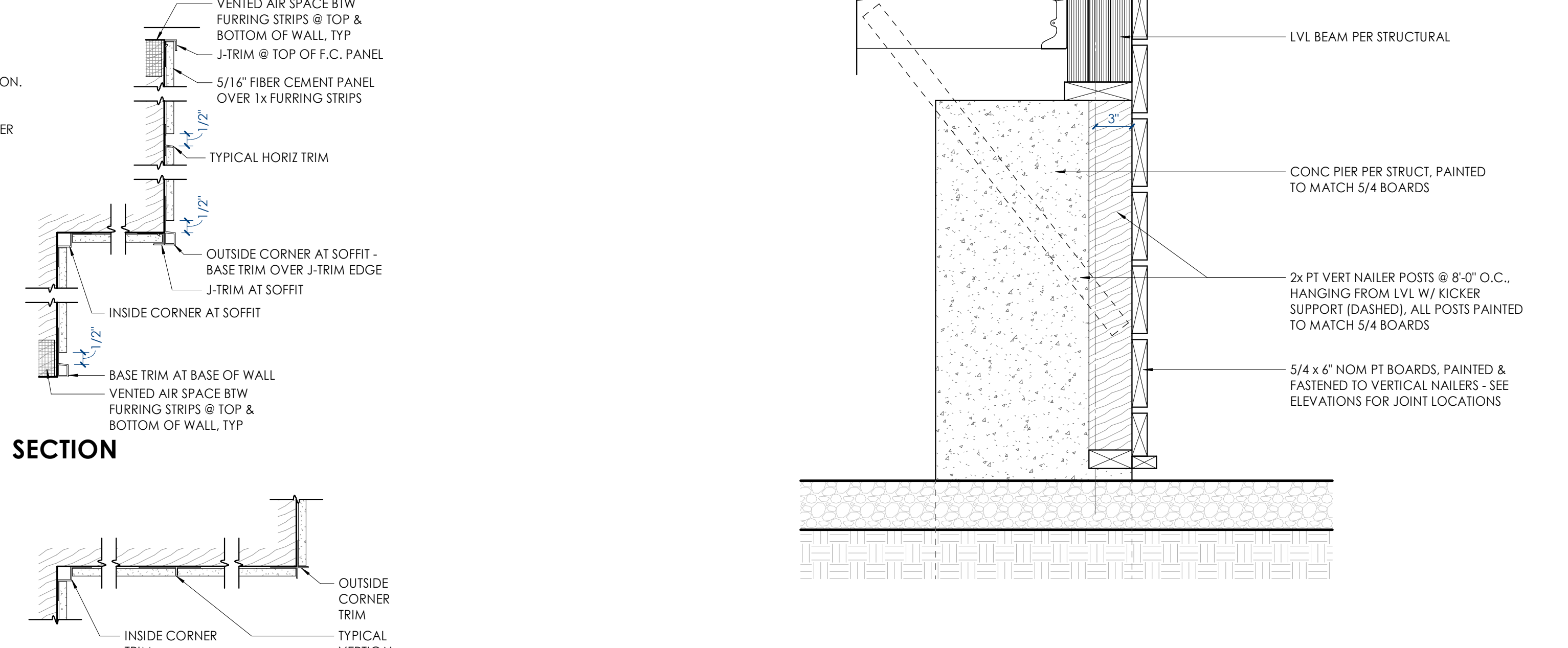
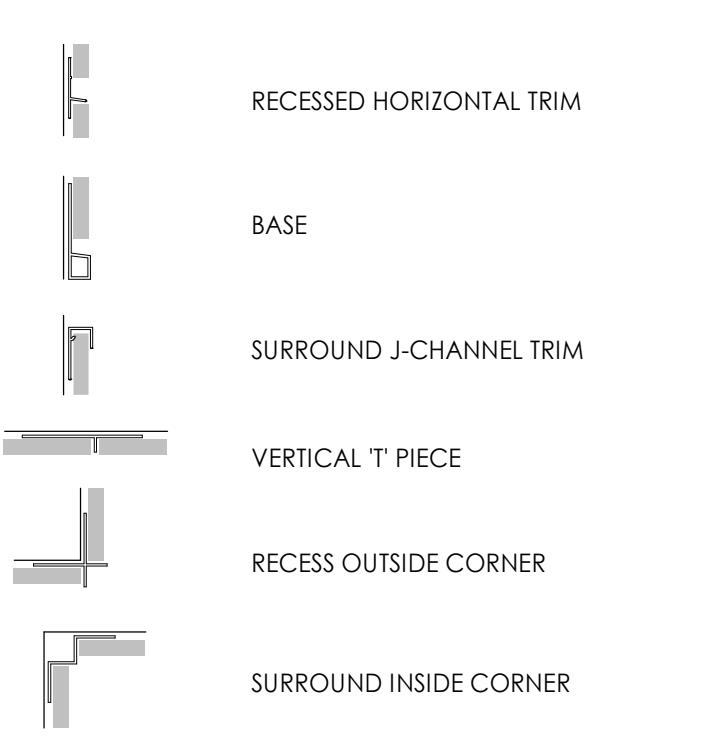
BINDING EDGE

BINDING EDGE



NOTES:

- USE FIBER CEMENT SAW BLADES ON ALL FC CUTS TO GET STRAIGHT/CLEAN CUTS. DO NOT SCORE/BRAVE.
- PRIME AND PAINT ALL EDGES OF FC PRIOR TO INSTALLATION.
- WHERE NOTED (i.e. FRAME AROUND SW CORNER WINDOWS, COUNTERSINK, PUTTY, AND PAINT OVER FLATHEAD SCREWS, PRIME AND PAINT TRIM TO MATCH FIBER CEMENT PRIOR TO INSTALLATION THESE LOCATIONS.



MCCARTY HOLSAPLE MCCARTY

MHM

ARCHITECTS & INTERIOR DESIGNERS

17063

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INTERNET: mhmmcc.com

PROJECT INFORMATION

CONTRACT: SBC-000000000000000

DAMASCUS TRAIL CENTER

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DAMASCUS, VIRGINIA 24236

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- CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

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KEY PLAN:

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DRAWING INFORMATION

SCALE: As Indicated

SCALE GRID:

DWG. ISSUED: 15 OCT 2019

PRJ.MGR: D. COLLINS

PA / PC: J. THOMAS

DRAWN BY: B. ARCHER

CHECKED BY: B. RAINES

DRAWING TITLE:

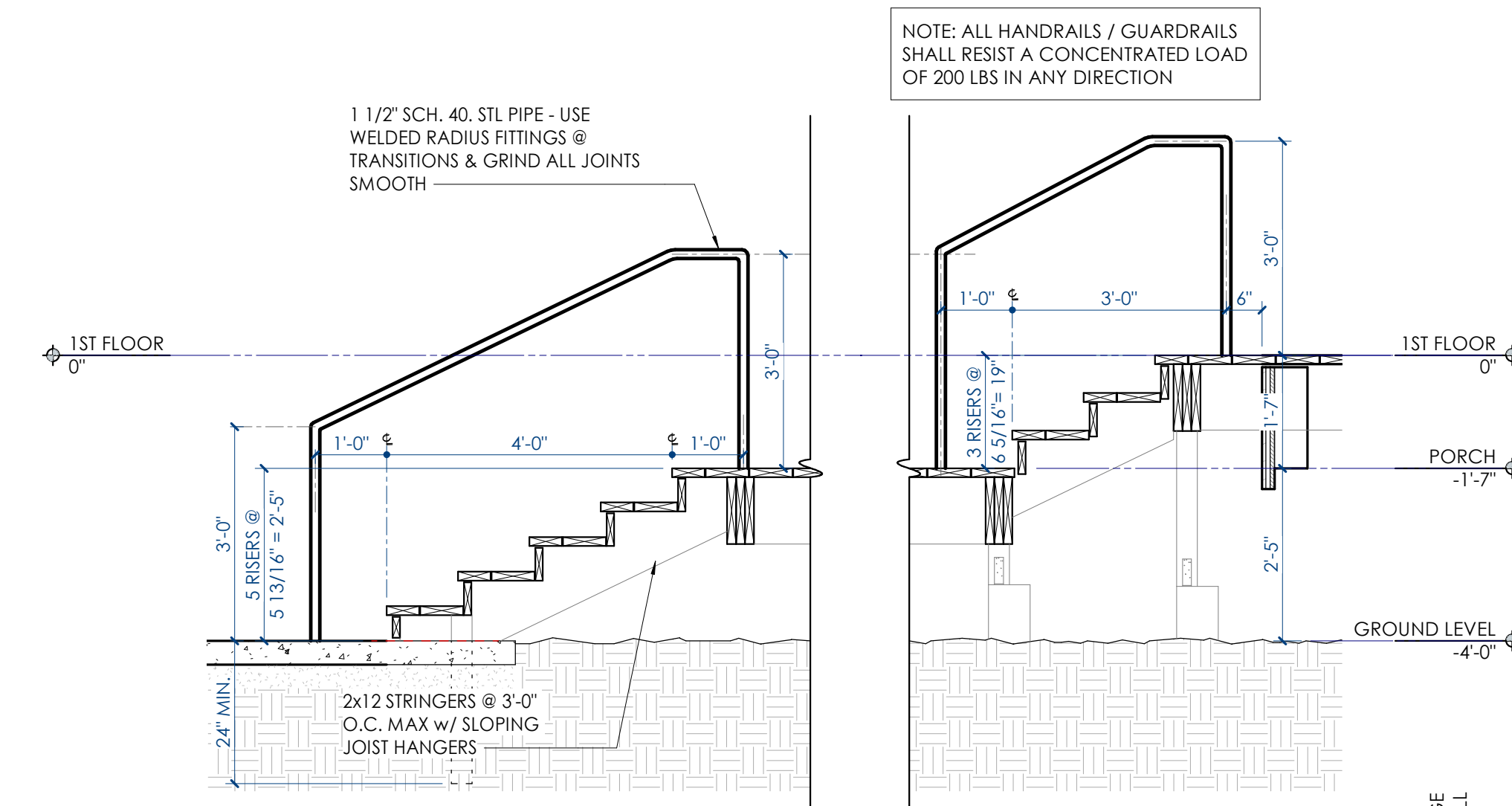
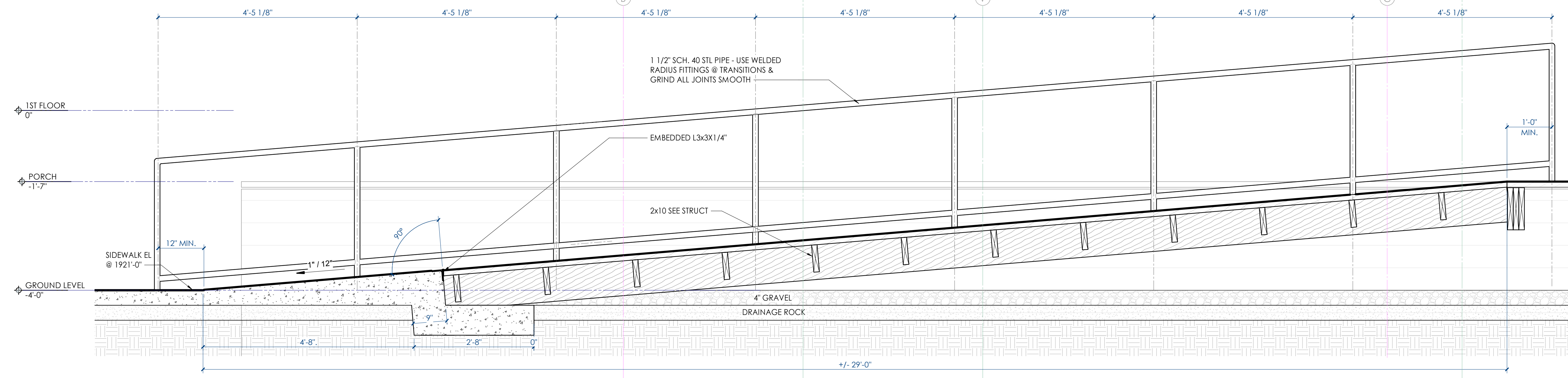
TYPICAL DETAILS

DRAWING NO: **A450**

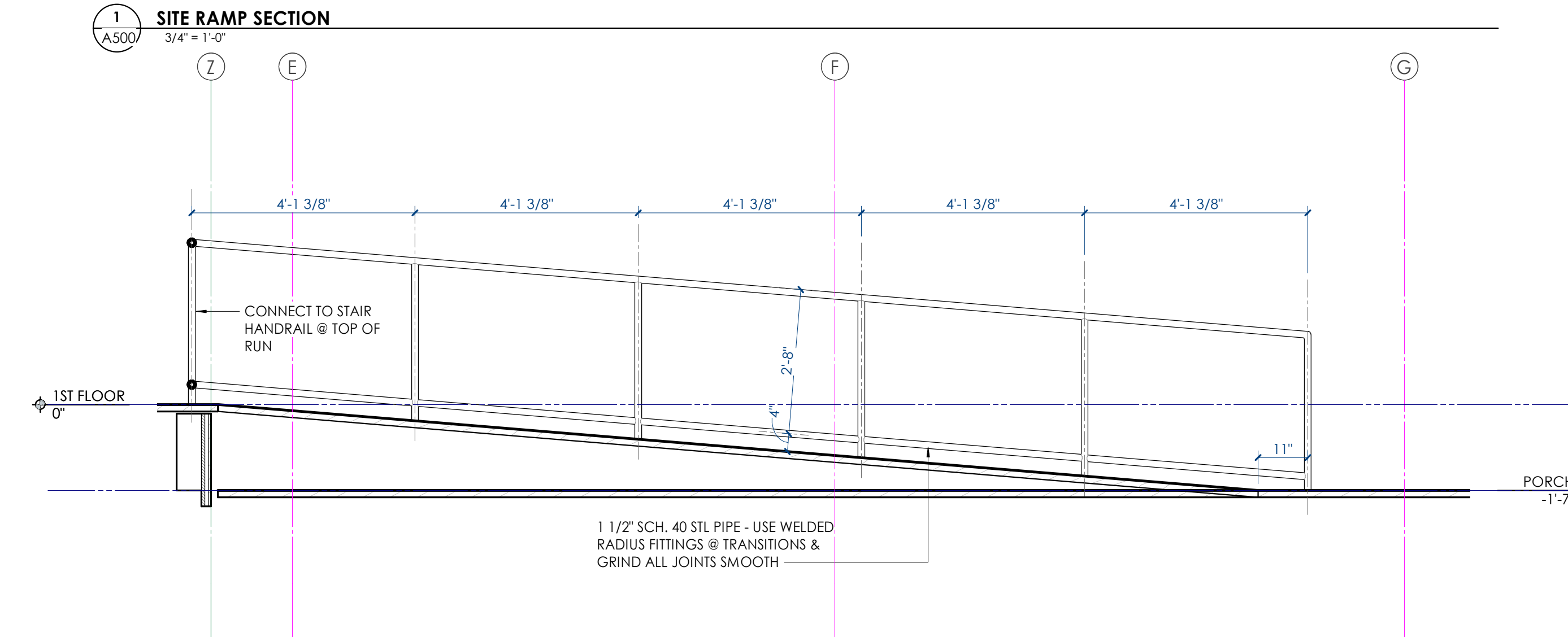
BINDING EDGE

BINDING EDGE

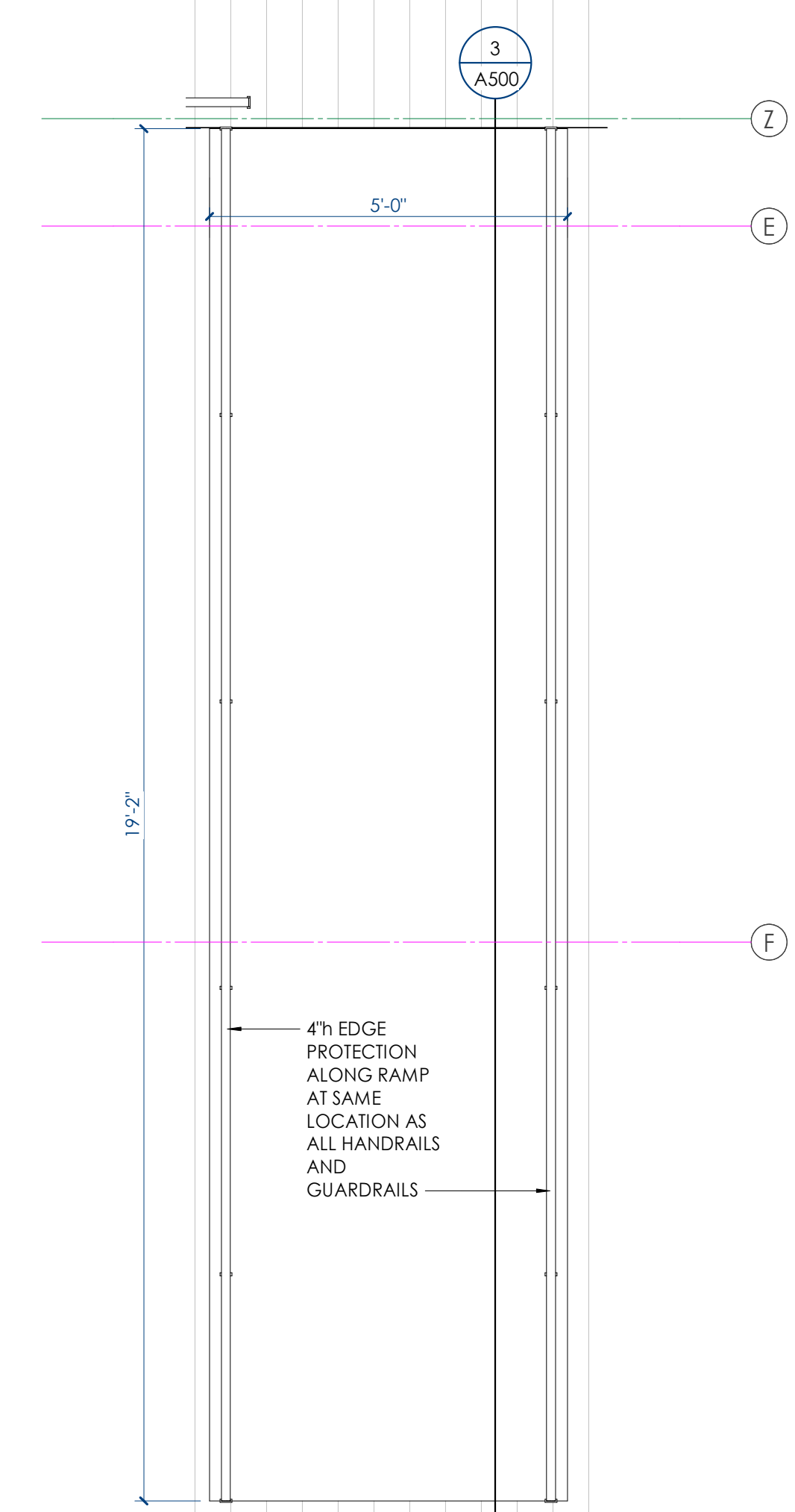
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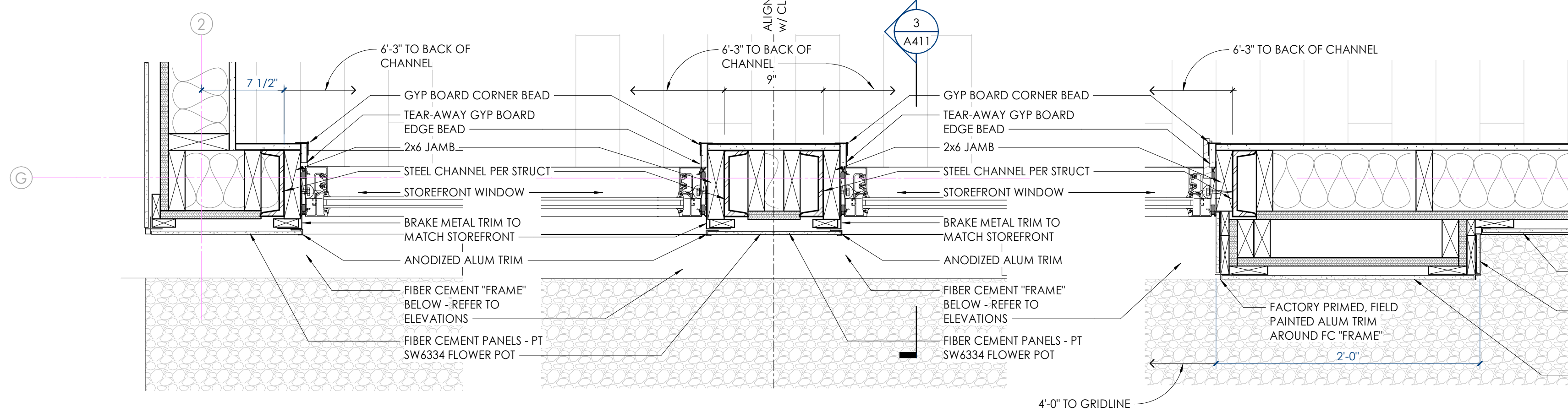
2 STAIR/HANDRAIL DTL. 1/2" = 1'-0"



3 DECK RAMP SECTION 1/2" = 1'-0"



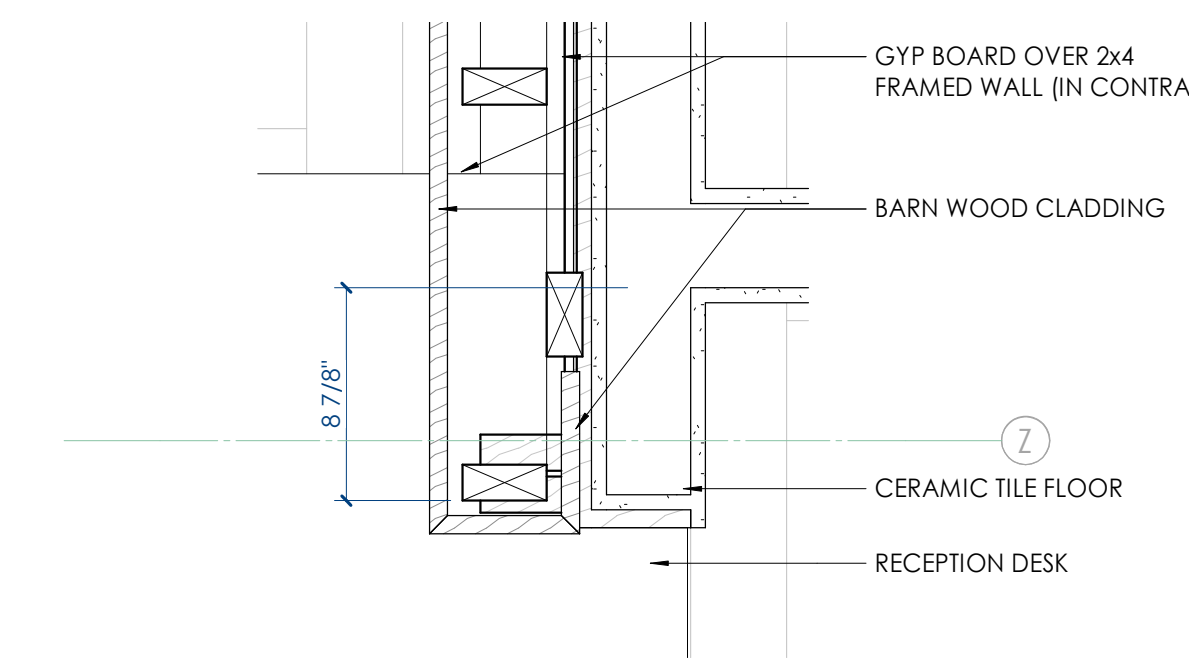
4 RAMP ENLARGED PLAN 1/2" = 1'-0"



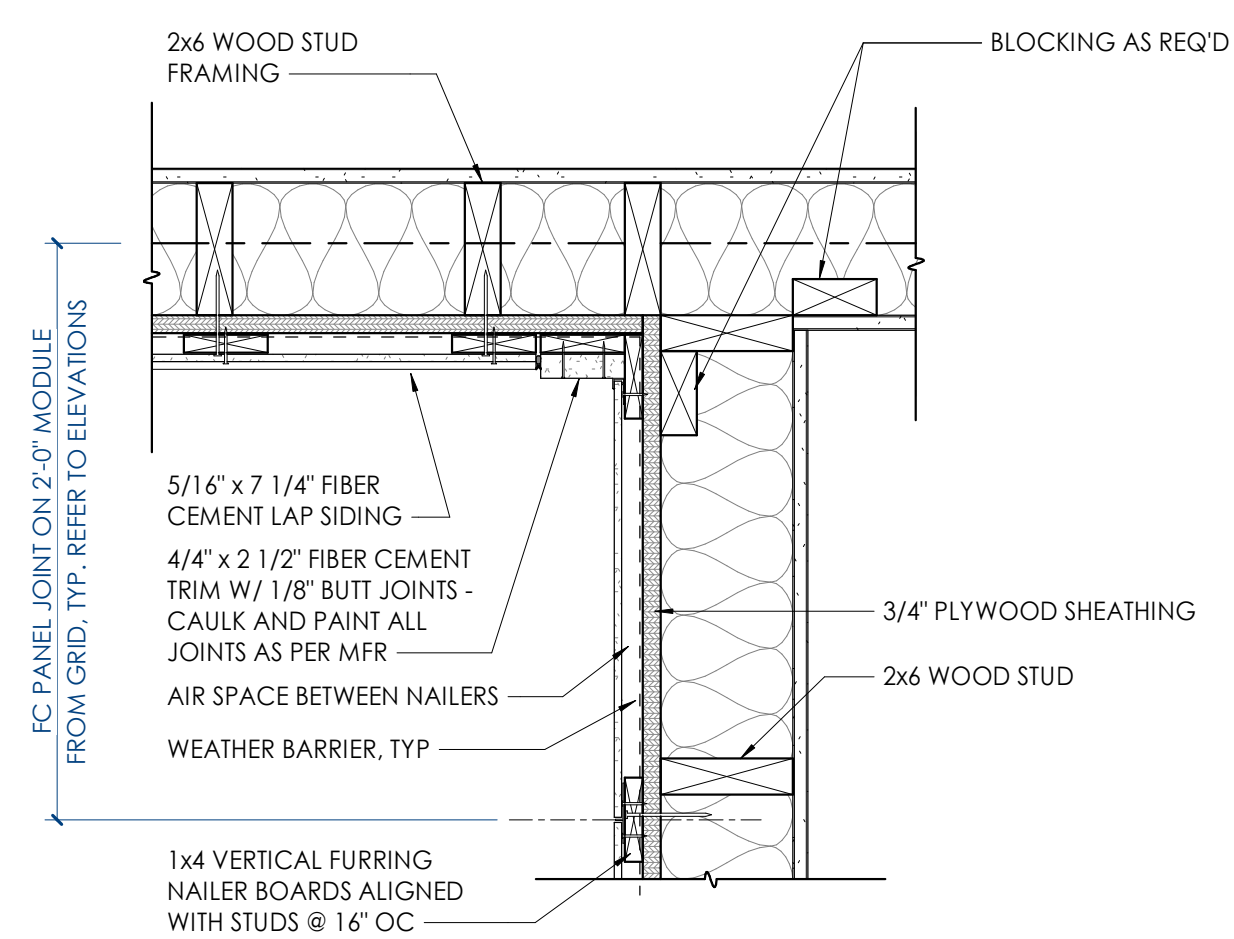
5 FIBER CEMENT 'FRAME' - PLAN DETAIL 1 1 1/2" = 1'-0"

6 FIBER CEMENT 'FRAME' - PLAN DETAIL 2 1 1/2" = 1'-0"

7 FIBER CEMENT 'FRAME' - PLAN DETAIL 3 1 1/2" = 1'-0"

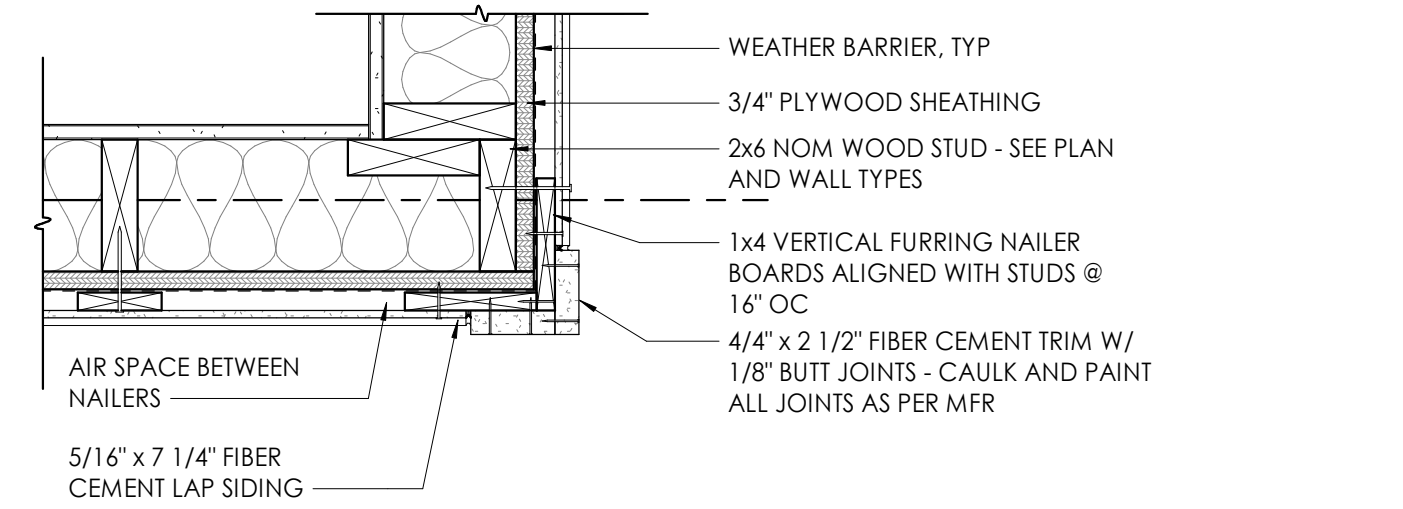


8 WOOD-CLAD WALL AND RECEPTION DESK 1 1/2" = 1'-0"



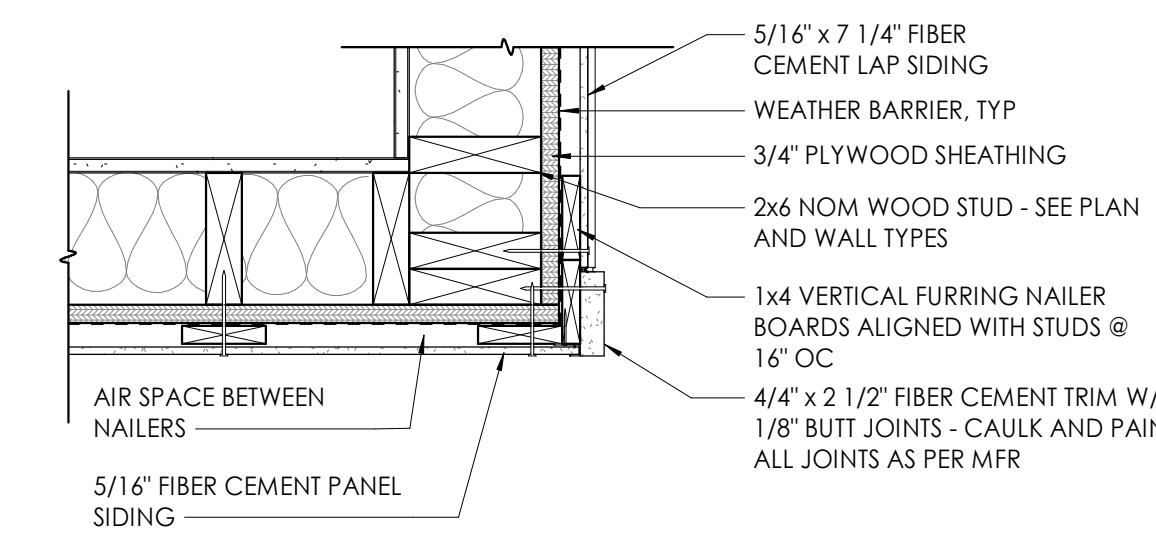
LAP TO PANEL - INSIDE CORNER

10 DETAIL AT FIBER CEMENT - @ INSIDE CORNER LAP TO PANEL 1 1/2" = 1'-0"



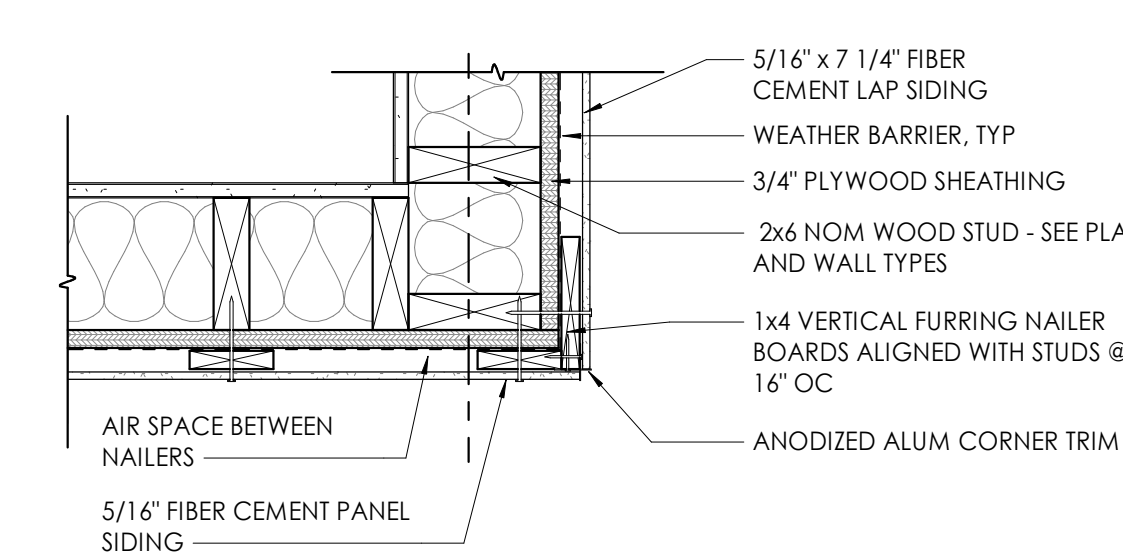
LAP TO LAP - OUTSIDE CORNER @ TYPICAL

11 DETAIL AT FIBER CEMENT - @ OUTSIDE CORNER LAP TO LAP 1 1/2" = 1'-0"



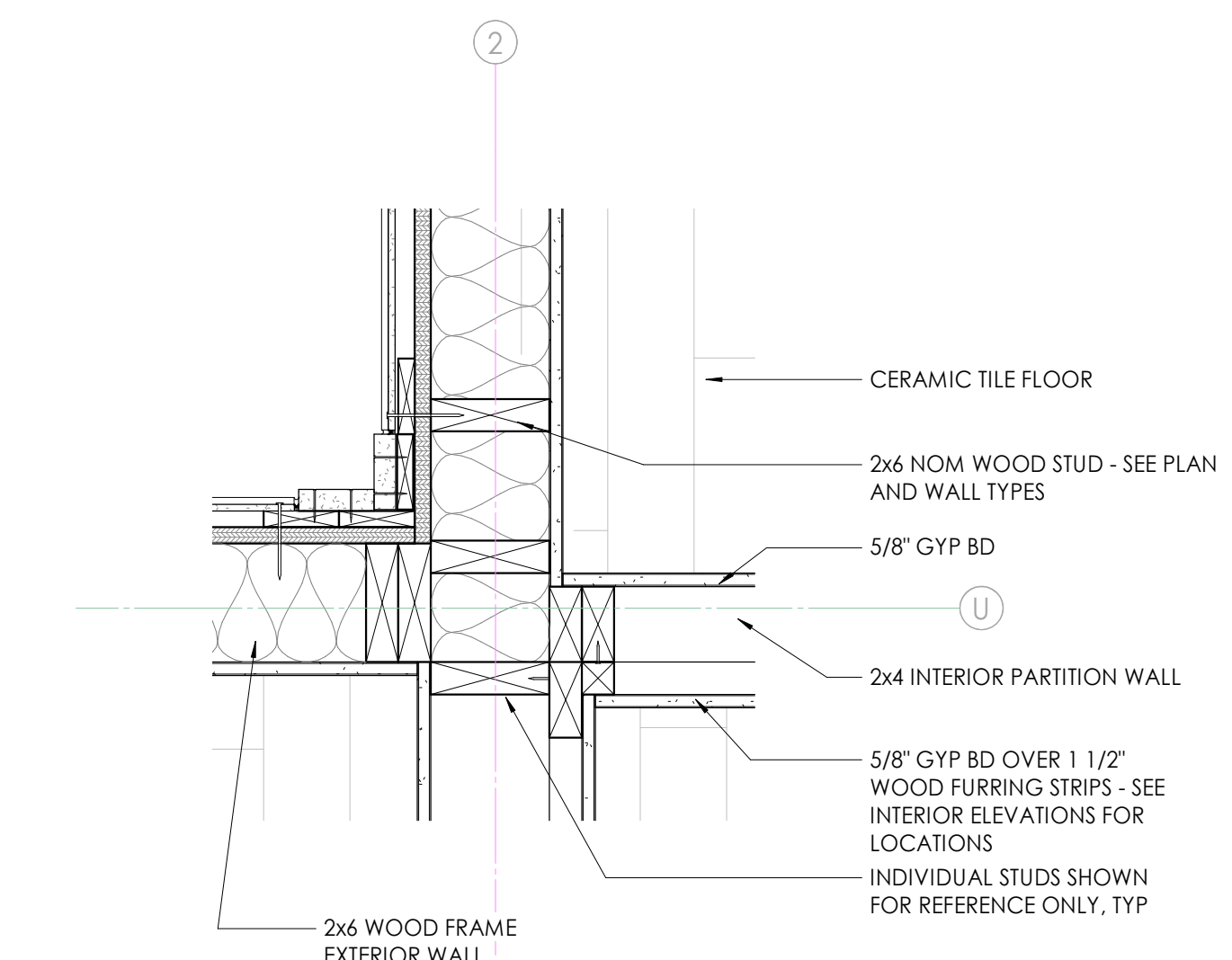
PANEL TO LAP - OUTSIDE CORNER @ FRONT DOOR

12 DETAIL AT FIBER CEMENT - @ OUTSIDE CORNER LAP TO PANEL 1 1/2" = 1'-0"



PANEL TO PANEL - OUTSIDE CORNER @ FRONT FACADE

13 DETAIL AT FIBER CEMENT - @ OUTSIDE CORNER PANEL TO PANEL 1 1/2" = 1'-0"



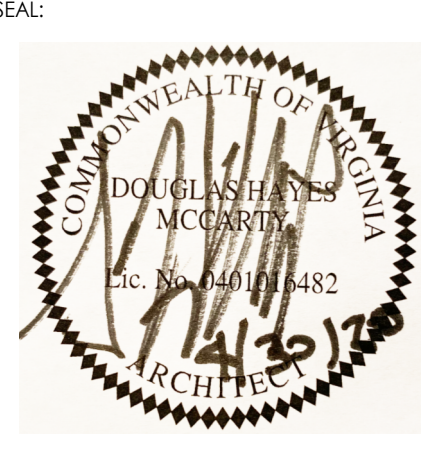
14 PLAN DETAIL AT GRIDS 2-B 1 1/2" = 1'-0"

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ARCHITECTS
& INTERIOR
DESIGNERS

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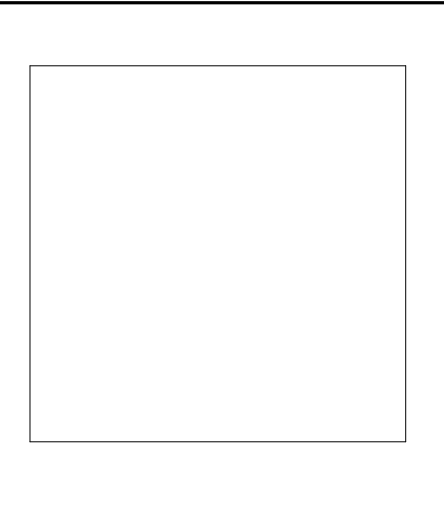


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Contractor shall check and verify all dimensions and conditions of job site.

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CODES OFFICIAL REVIEW

KEY PLAN



REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION
SCALE: As indicated
SCALE GUIDE: 15 OCT 2019
DWG ISSUED: D. COLLINS
PRJ MGR: J. THOMAS
FA / PC: B. ARCHER
DRAWN BY: B. ARCHER
CHECKED BY: B. RAINES
DRAWING TITLE:

PLAN DETAILS

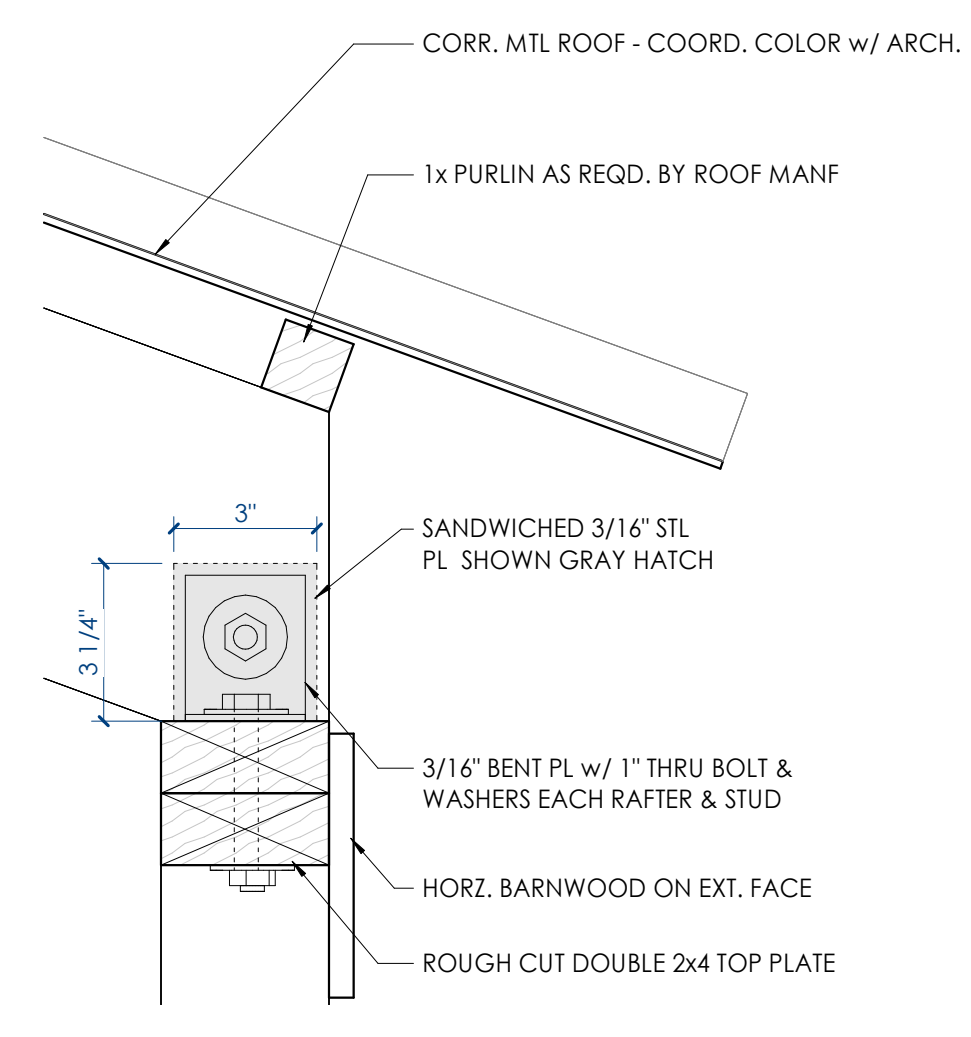
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TIME / DATE: 5/10/2020 6:59:02 PM

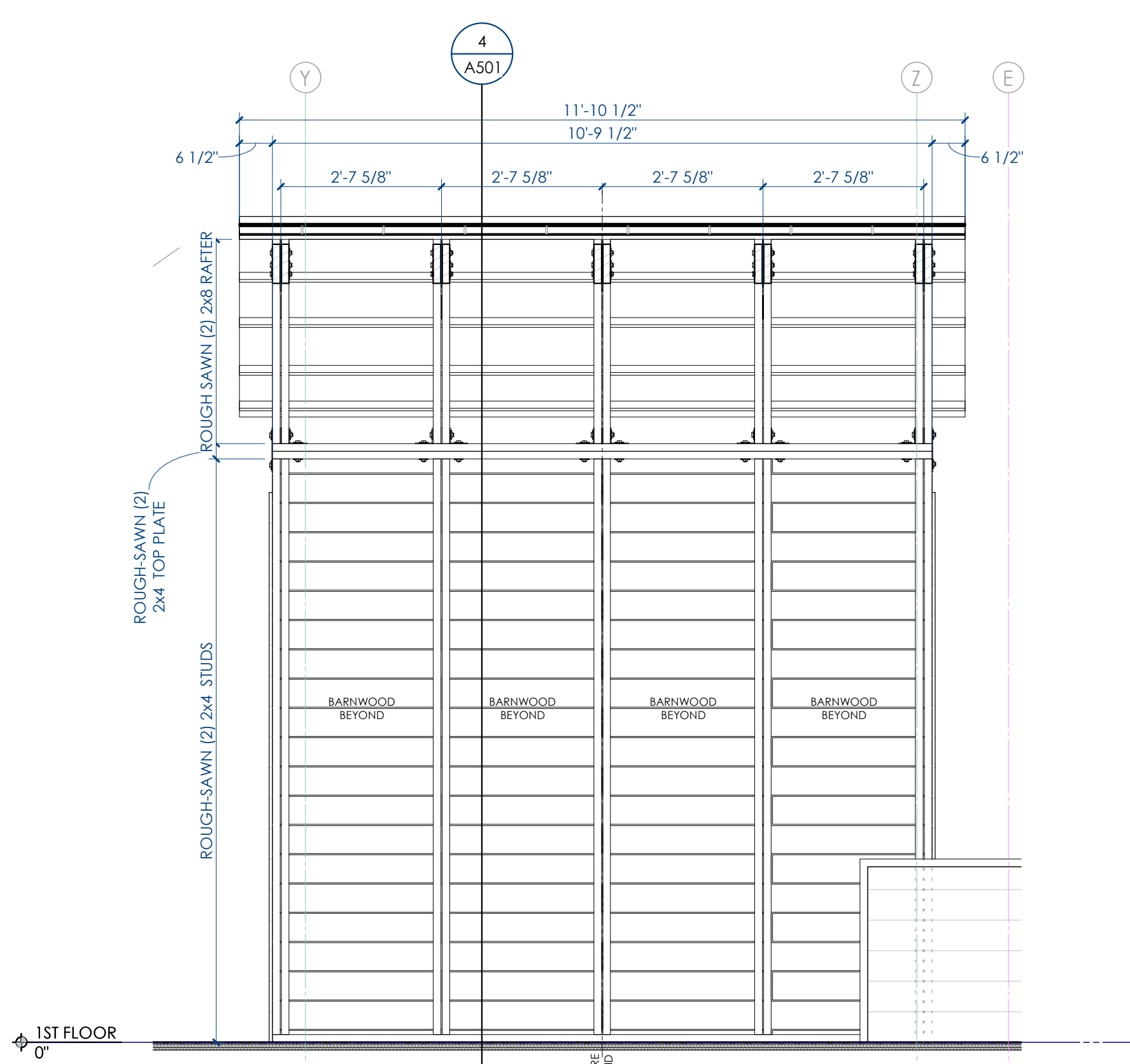
BINDING EDGE

BINDING EDGE

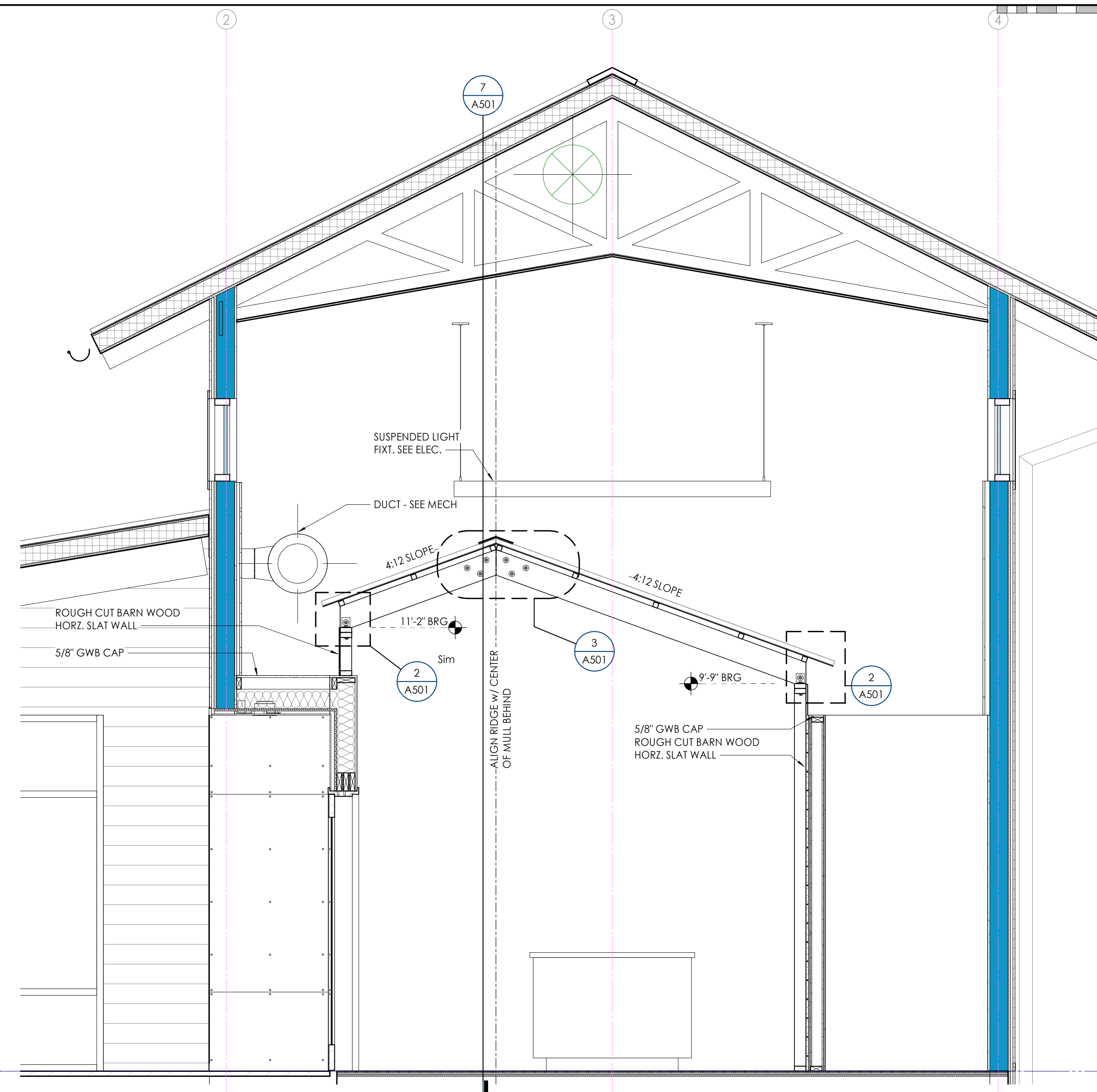
BINDING EDGE



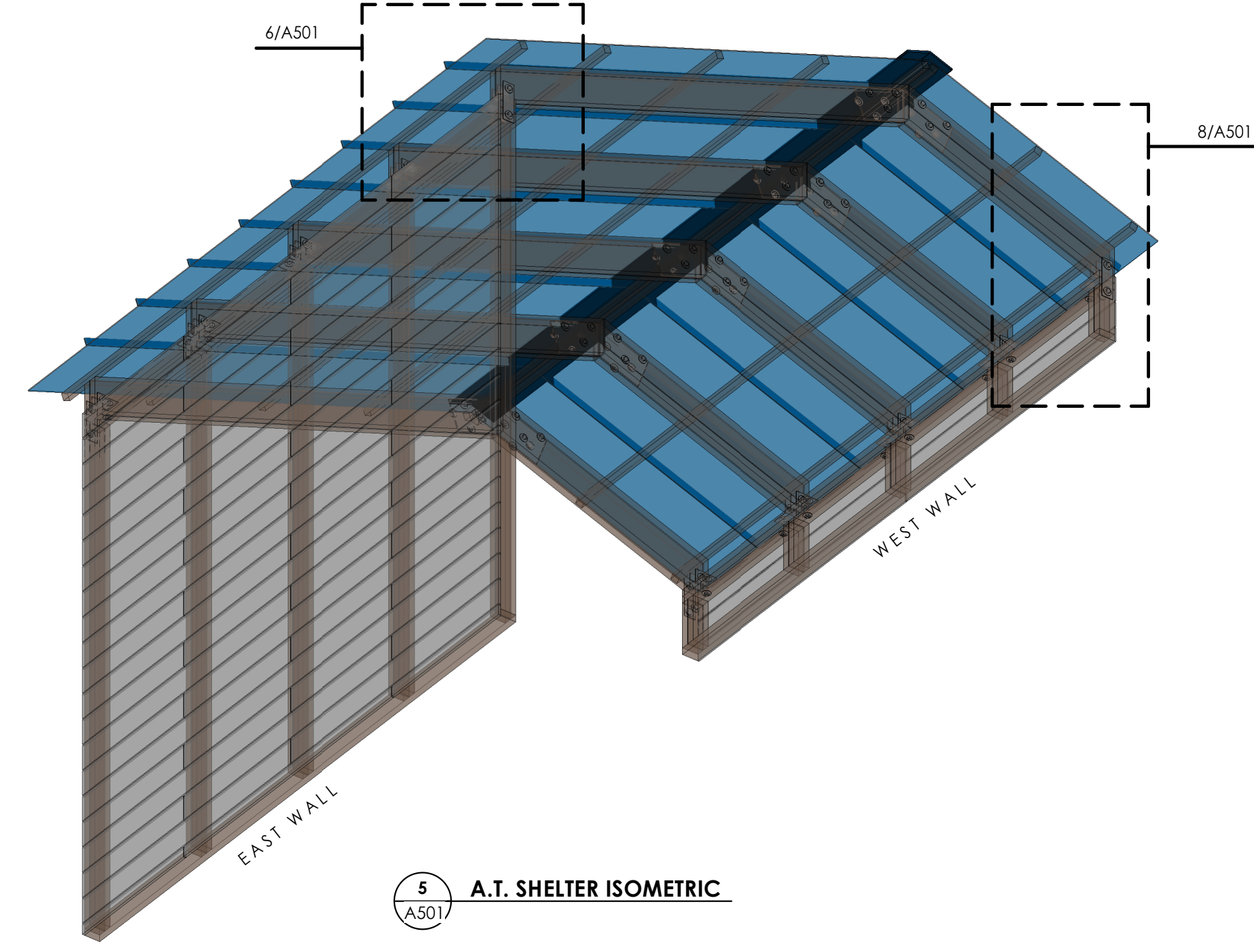
2 A.T. SHELTER EAVE DTL. 1
3/4" = 1'-0"



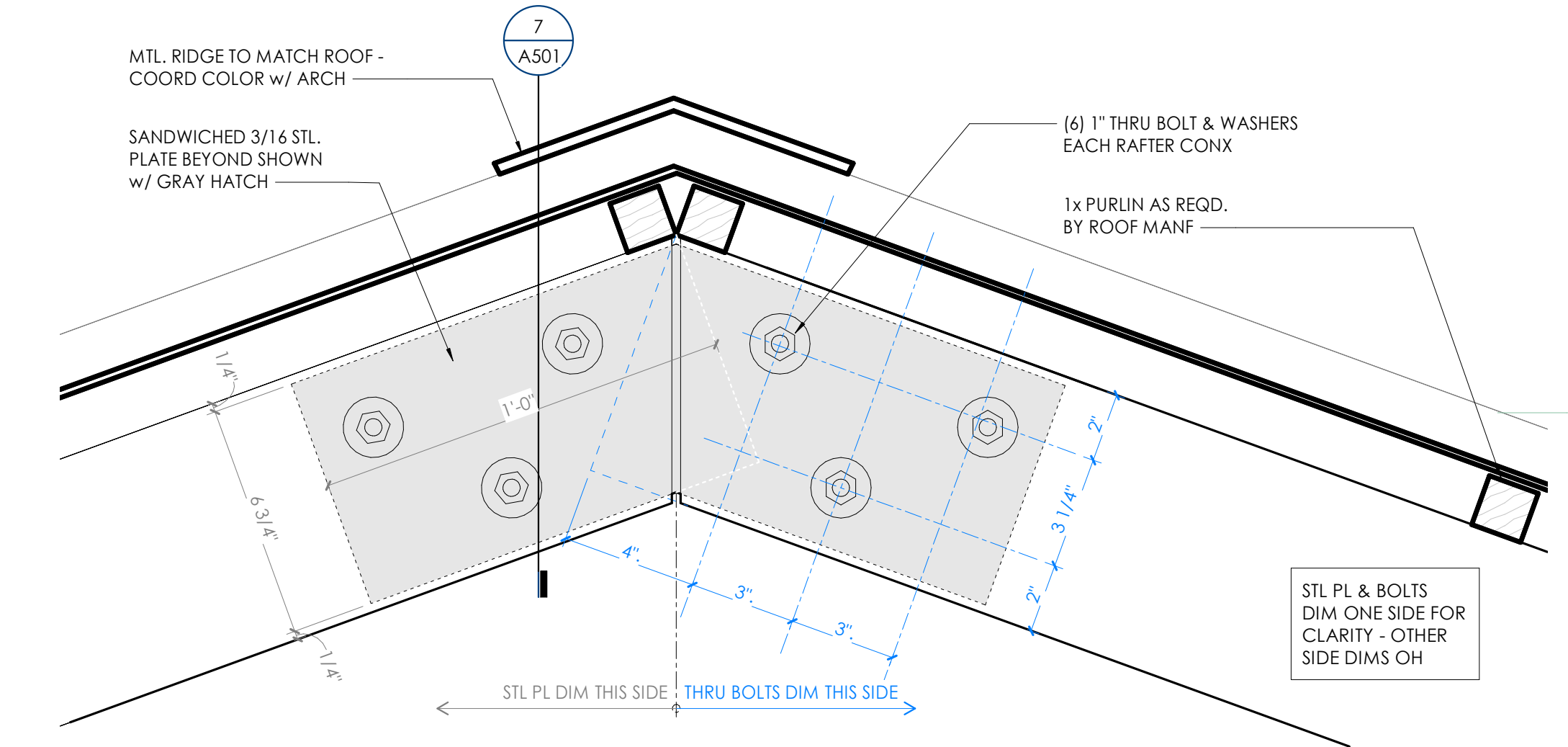
7 A.T. SHELTER SECTION 2
1/2" = 1'-0"



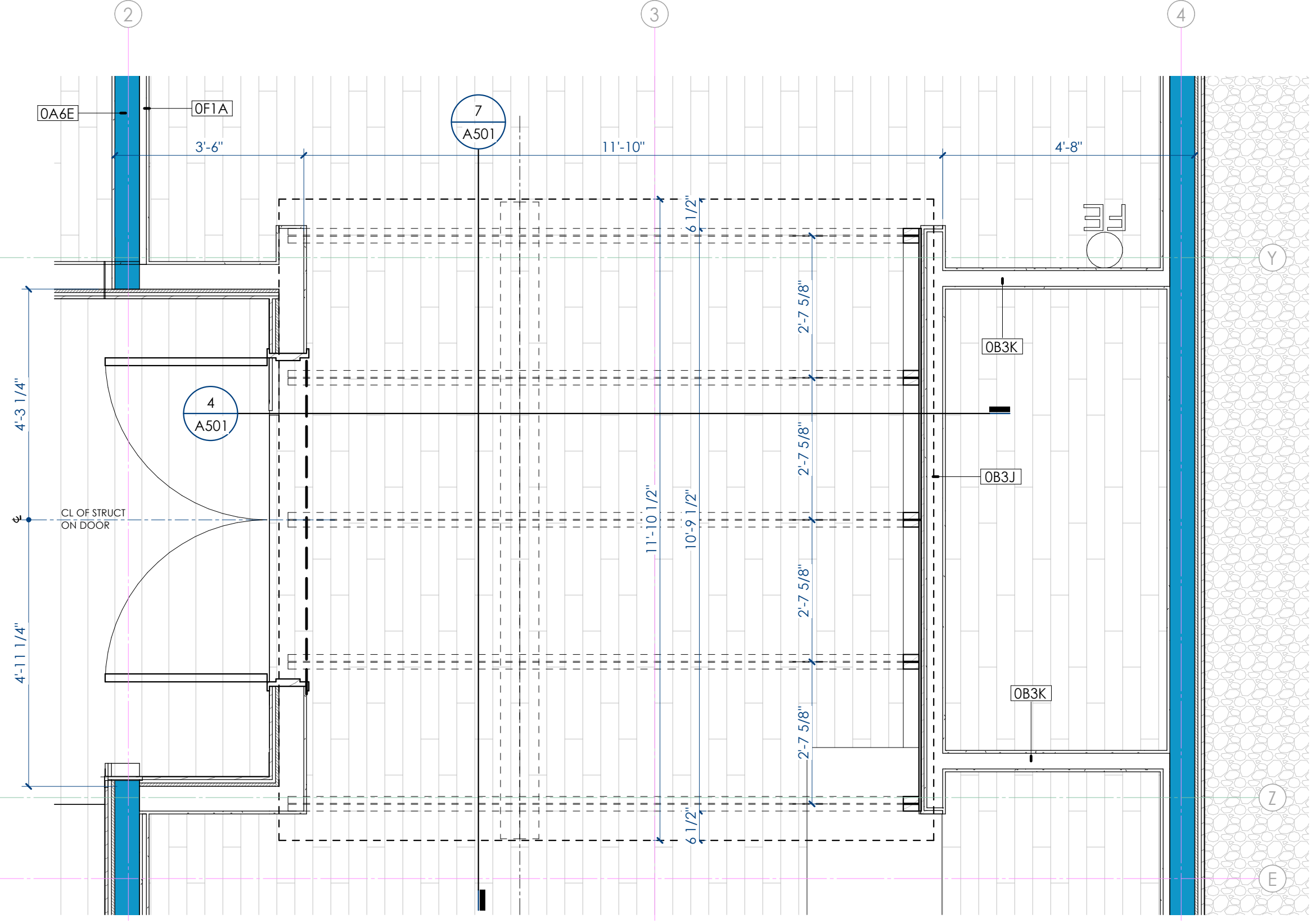
4 A.T. SHELTER SECTION
1/2" = 1'-0"



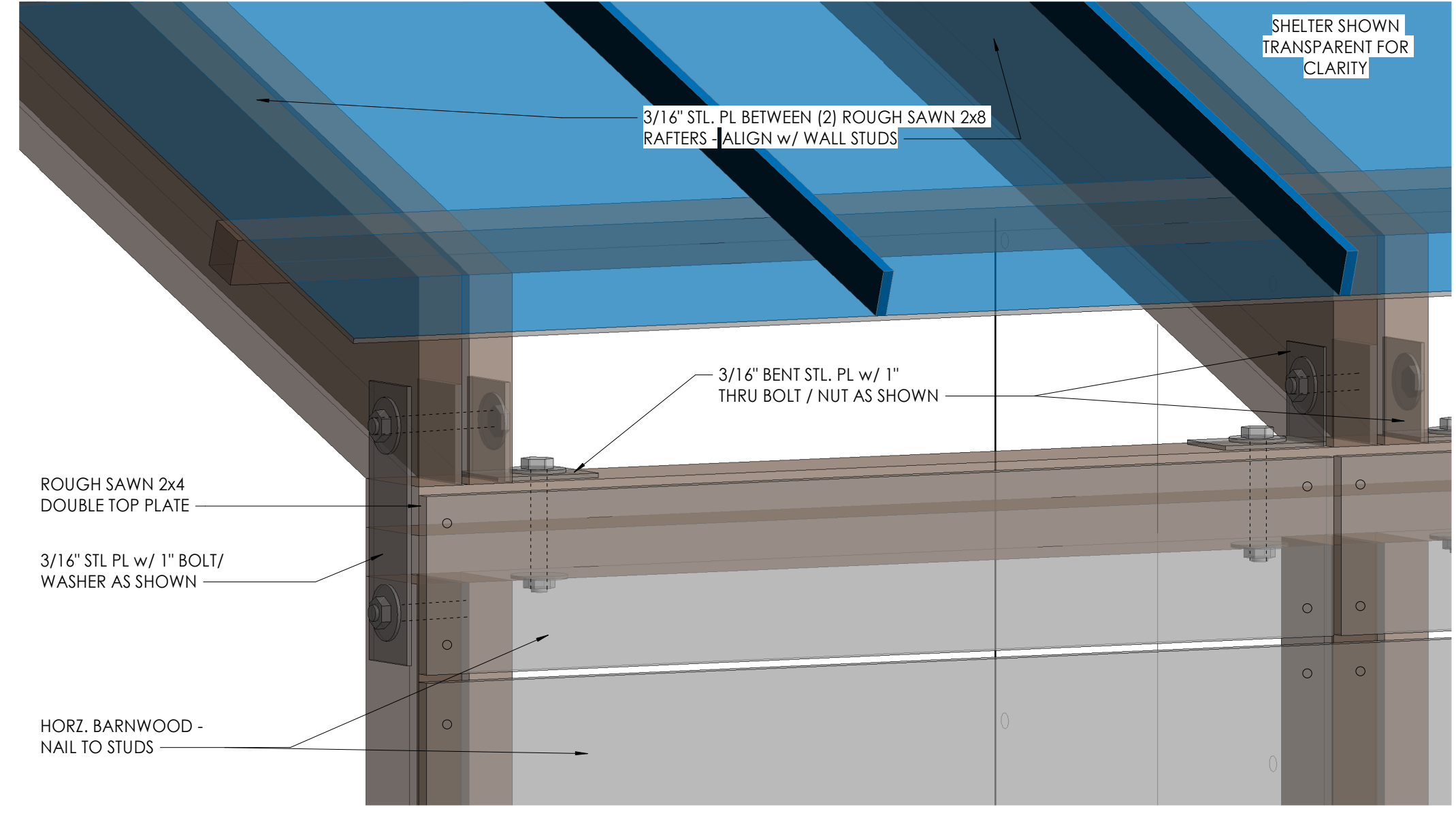
5 A.T. SHELTER ISOMETRIC
3/4" = 1'-0"



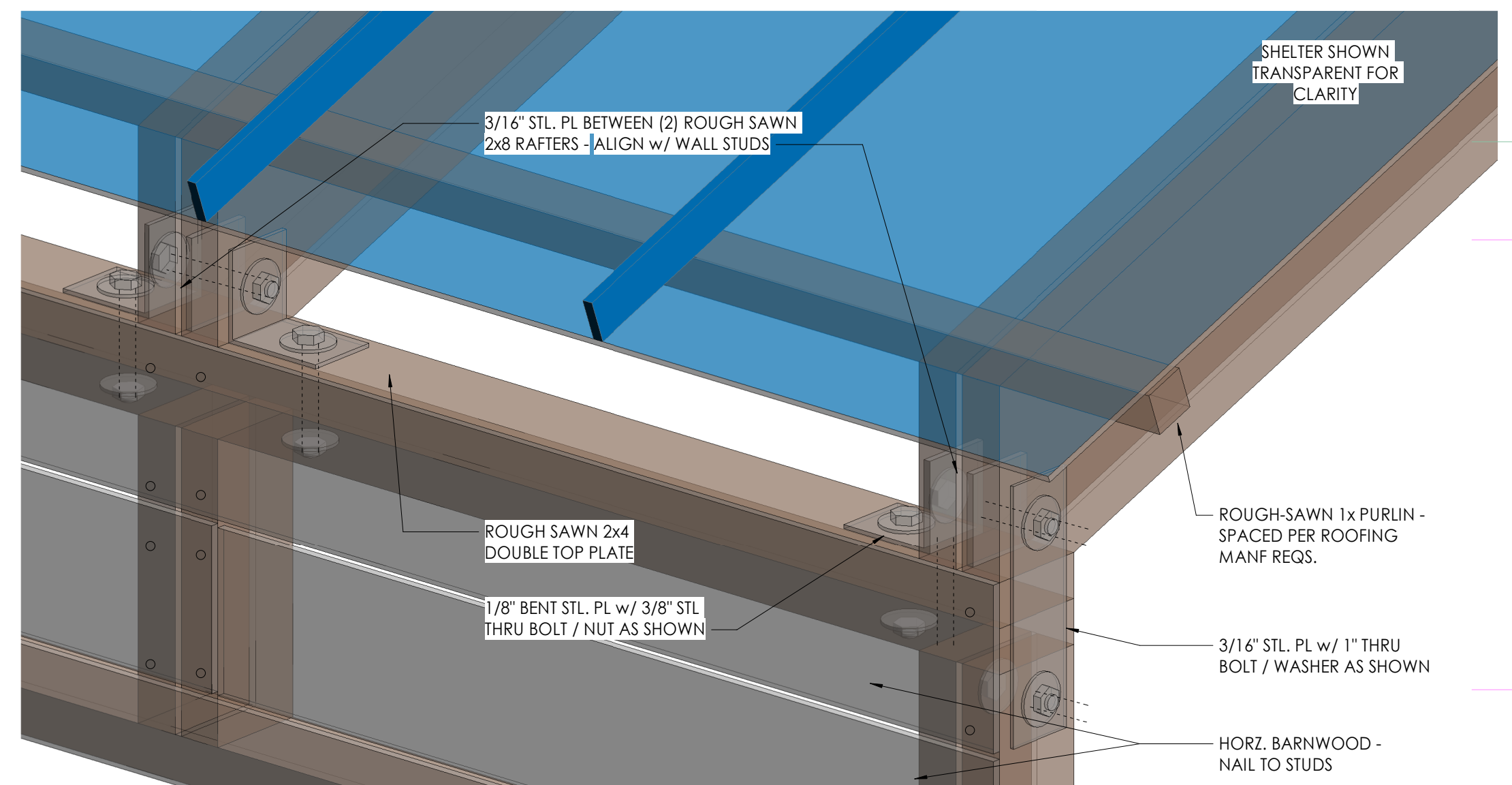
3 A.T. SHELTER RIDGE DTL
3/4" = 1'-0"



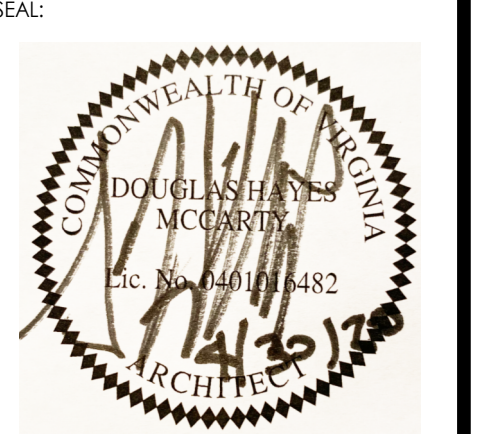
1 A.T. SHELTER ENLARGED PLAN
1/2" = 1'-0"



8 EAST RAFTER/WALL CONNECTION DTL.
3/4" = 1'-0"



6 WEST RAFTER/WALL CONNECTION DTL.
3/4" = 1'-0"



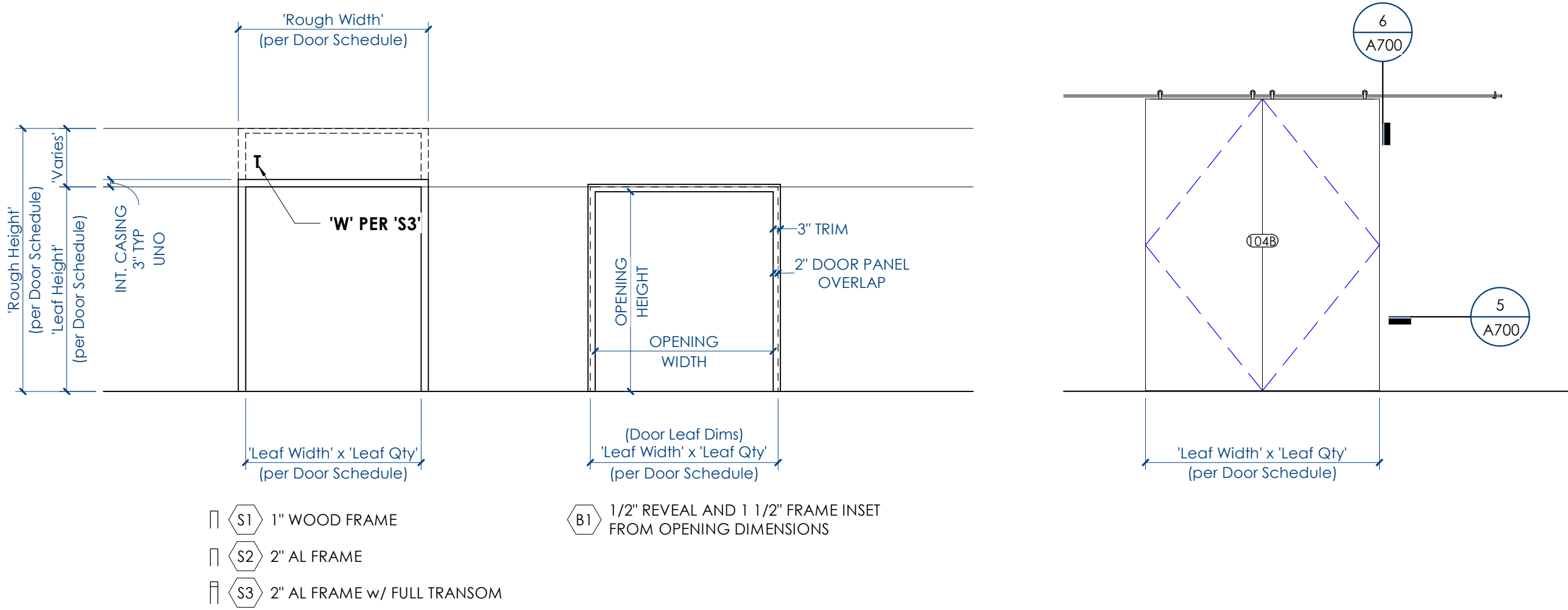
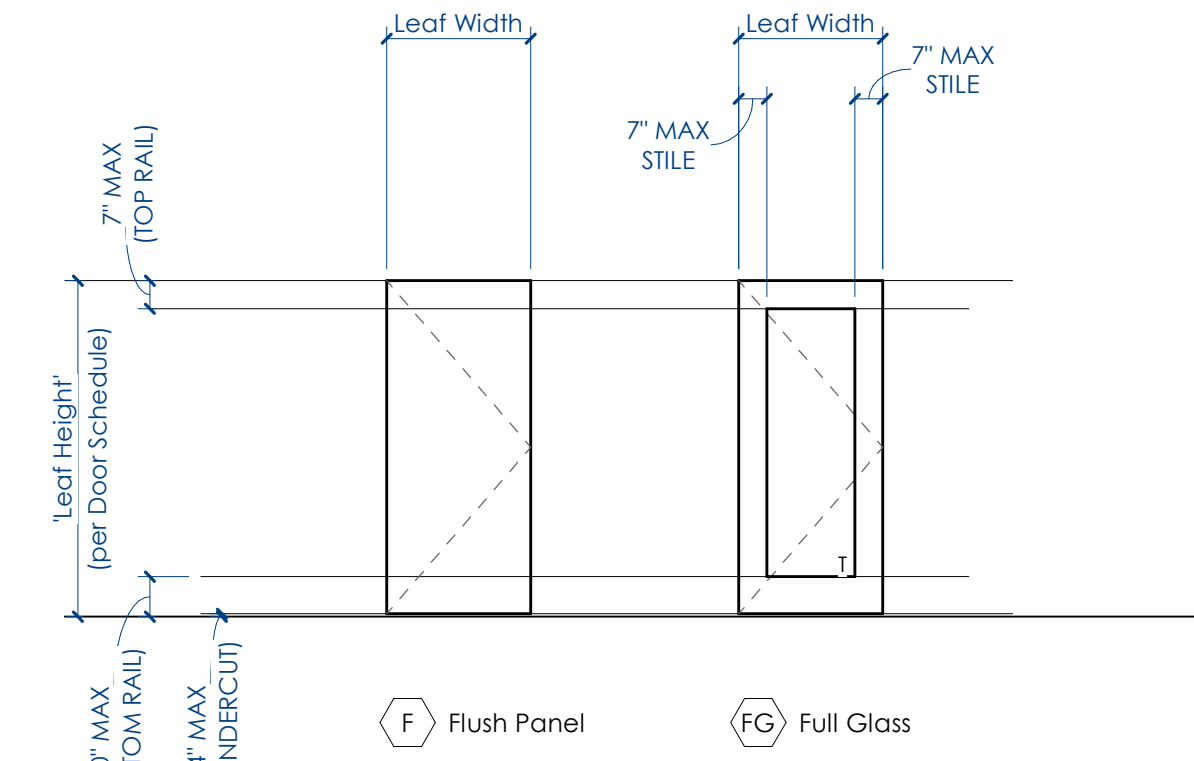
No.	Date	Description

Mark (Door Number)	DOOR LEAF INFORMATION						FRAME INFORMATION				HARDWARE SET			COMMENTS
	QTY	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	MATERIAL	TYPE	HEAD	JAMB	SILL	SET NO.	KEYSIDE ROOM NO.		FIRE RATING
1ST FLOOR														
101	2	3'-0"	7'-0"	1 3/4"	ALUM	FG	ALUM	S2	7/A700	8/A700	7/A700	#1		
104A	1	3'-0"	7'-0"	1 3/4"	ALUM	FG	ALUM	S2	7/A700	8/A700	7/A700	#4		
104B	2	4'-0"	10'-0"	1 3/4"	WD	F	ALUM	B1	6/A700	5/A700	-	#3	101	7'-8" OPENING WIDTH, 9'-0" OPENING HEIGHT
106	1	3'-0"	7'-0"	1 3/4"	WD	FG	WD	S1	4/A700	3/A700	-	#5	105	
108	1	3'-0"	7'-0"	1 3/4"	WDWD	F	WD	S1	4/A700	3/A700	-	#7	105	
109	1	3'-0"	7'-0"	1 3/4"	WD	F	WD	S1	4/A700	3/A700	-	#7	105	
MEZZANINE														
201	1	3'-0"	7'-0"	1 3/4"	WD	F	WD	S1				#8		LEAF/FRAME PAINTED TO MATCH SIDING

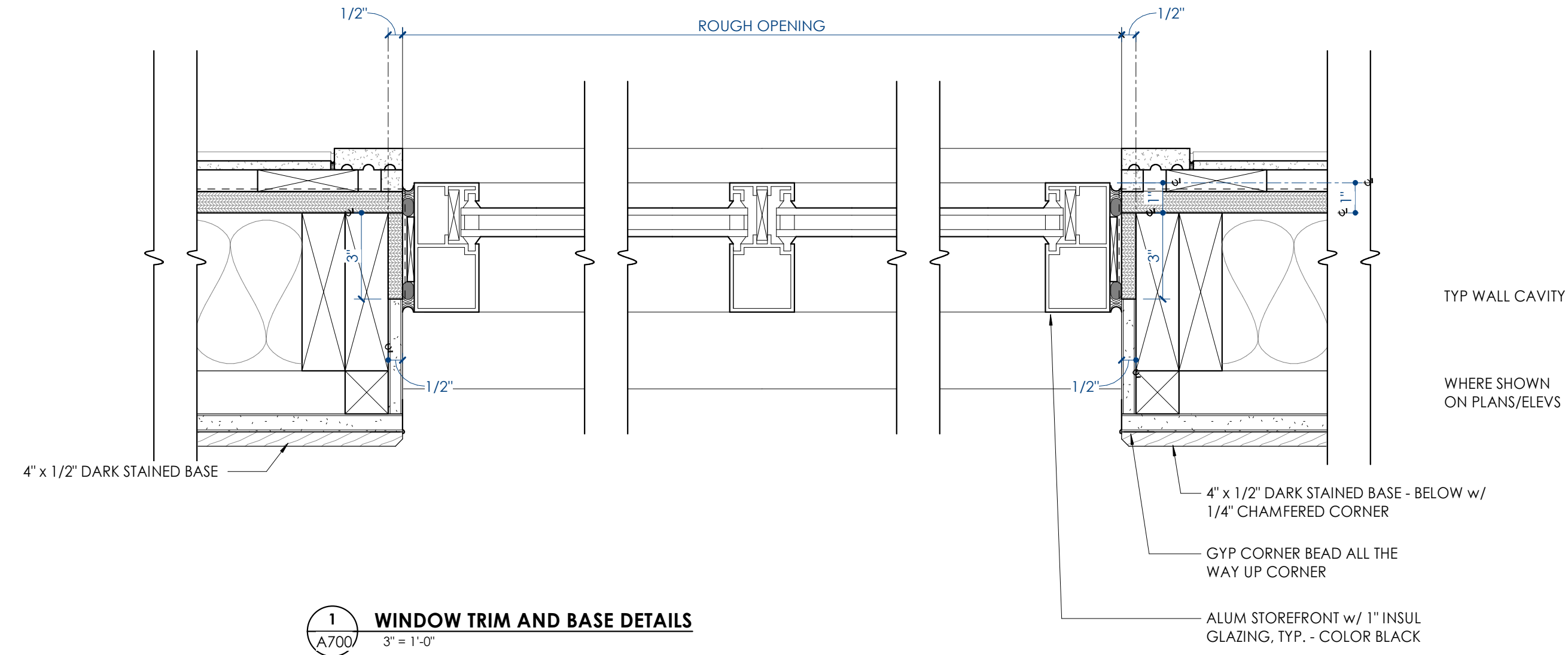
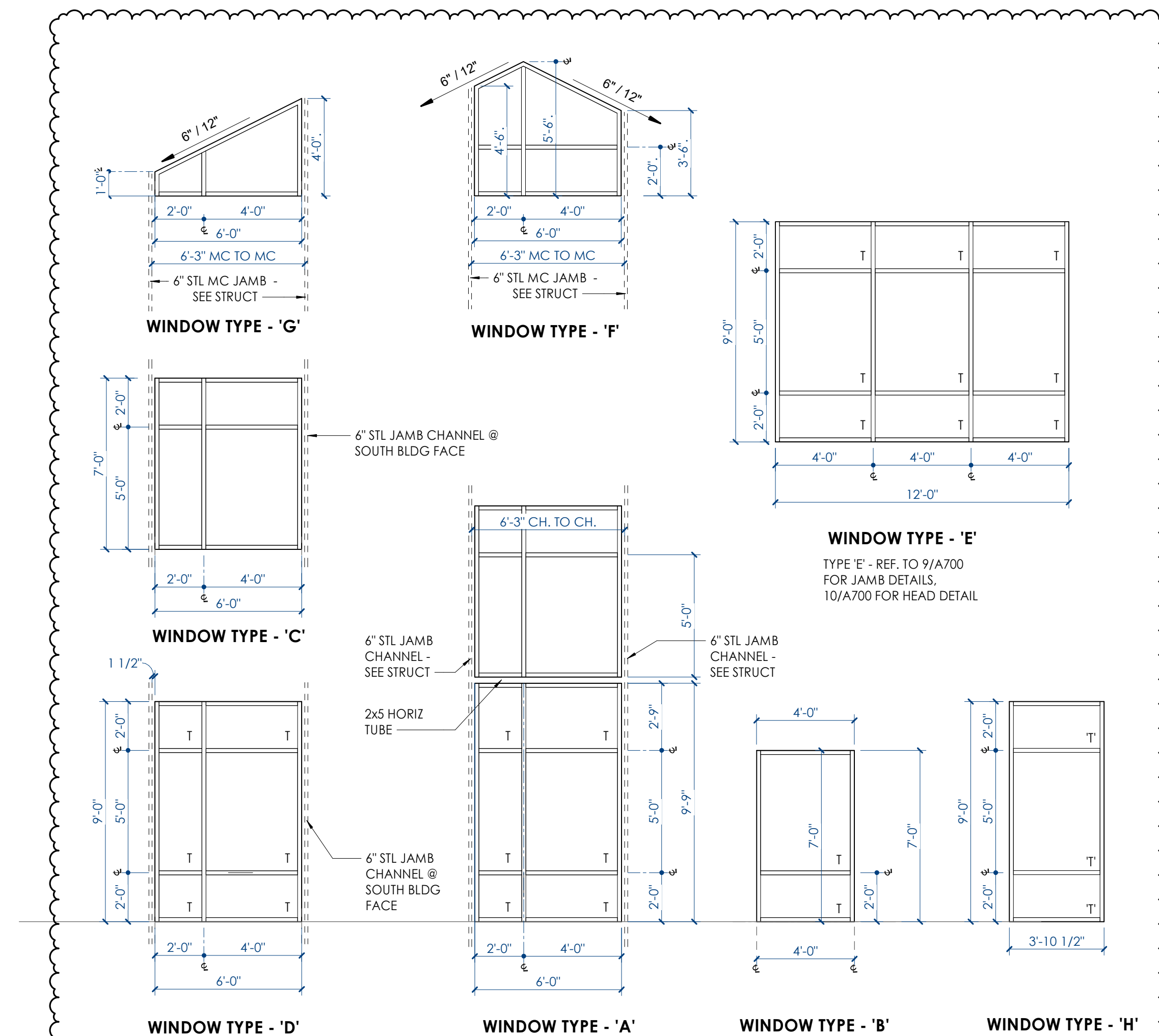
BINDING EDGE

BINDING EDGE

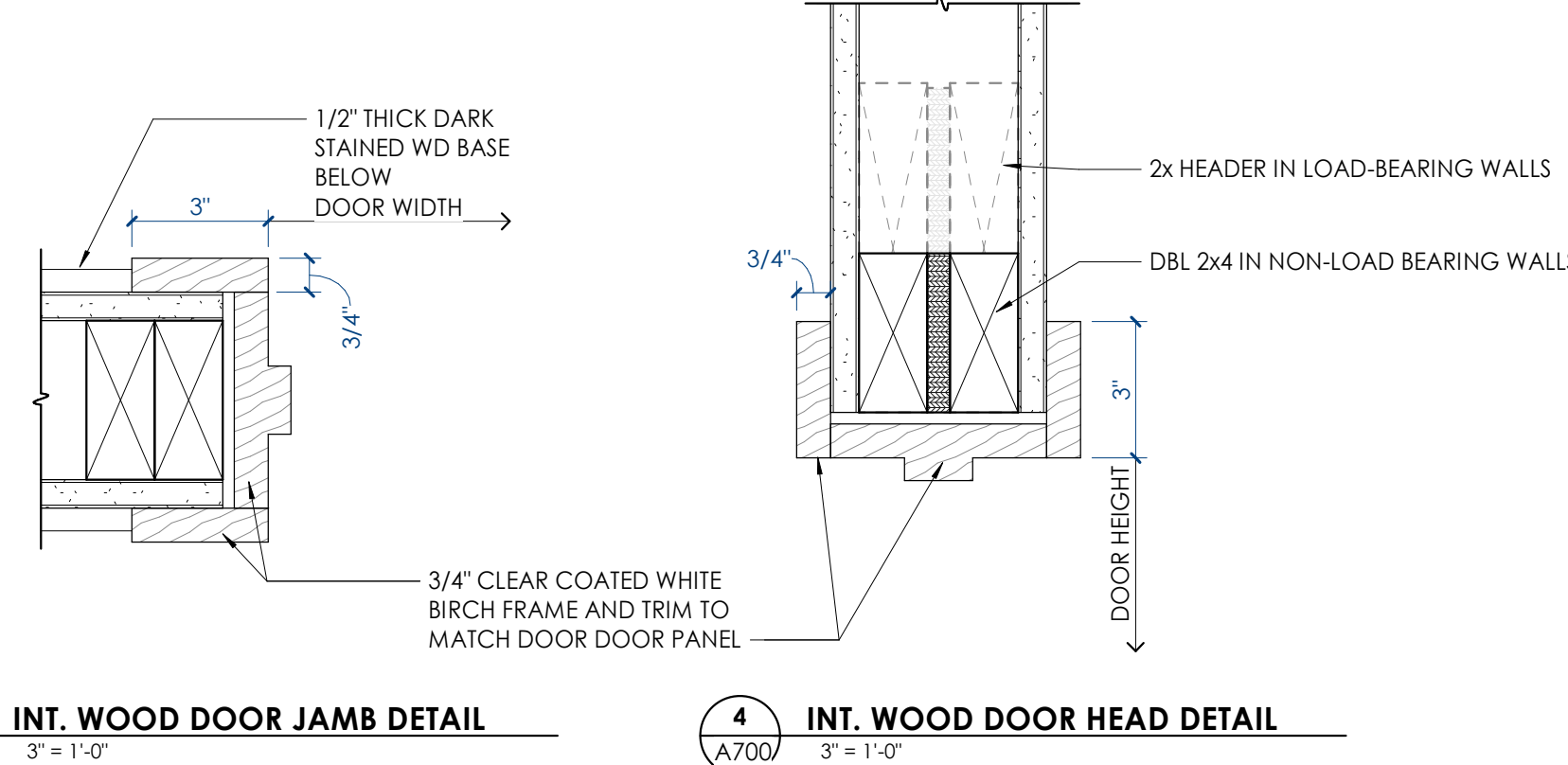
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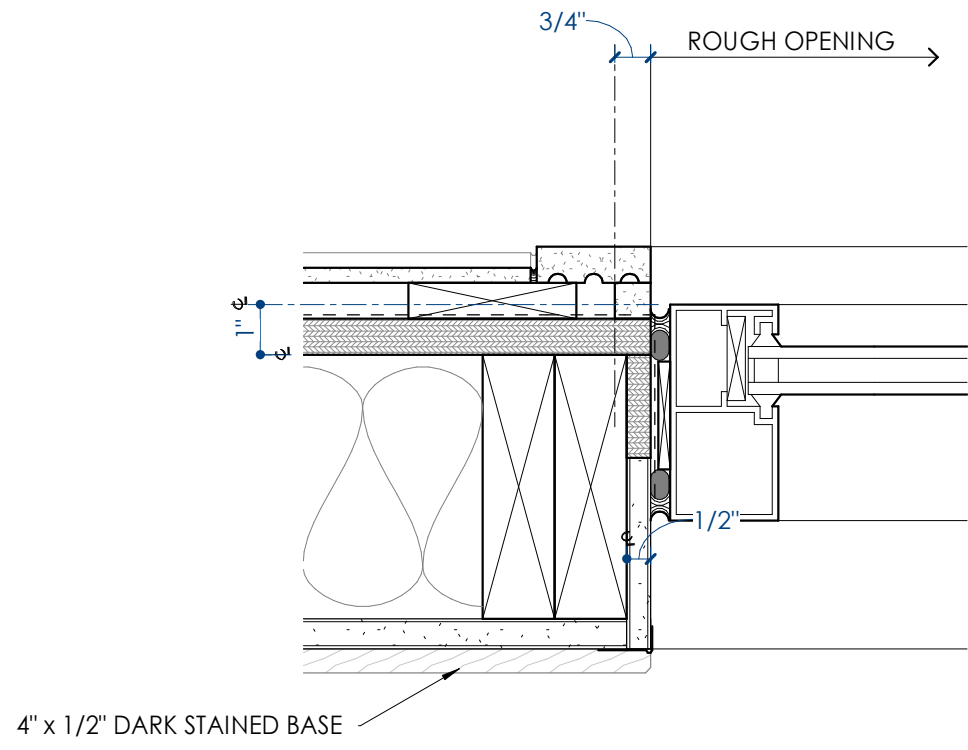
'S' - FRAMES



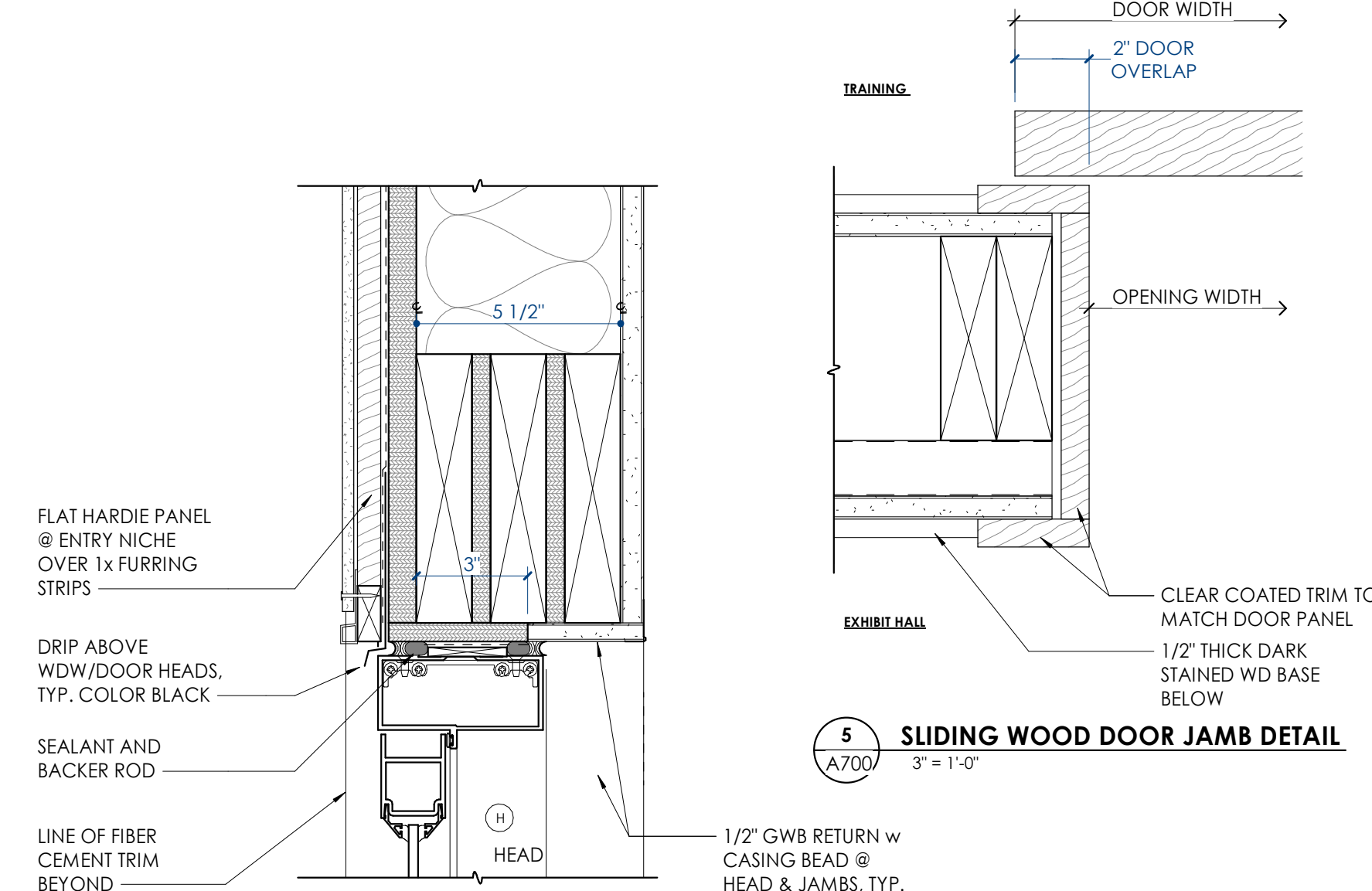
1 WINDOW TRIM AND BASE DETAILS



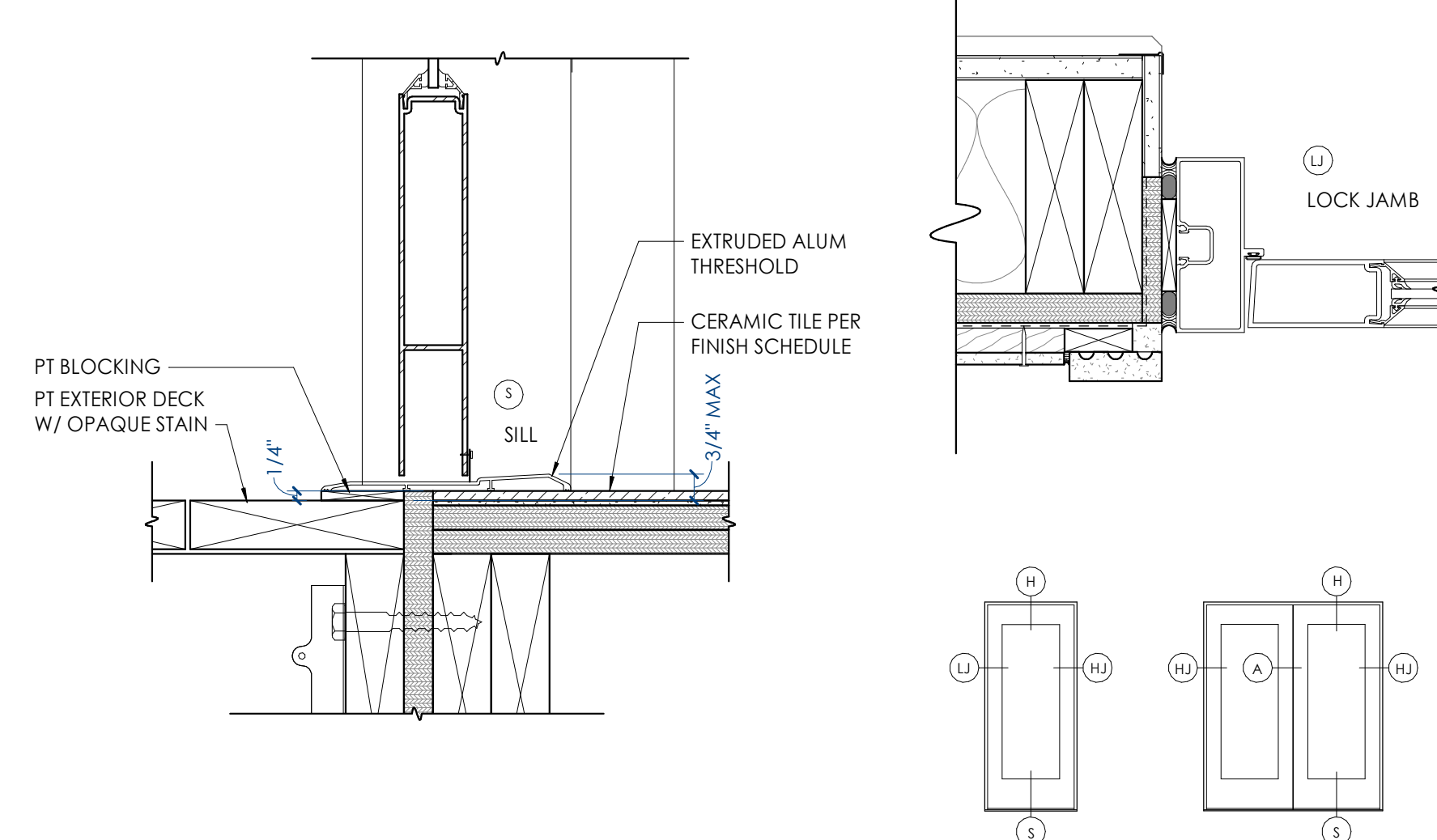
3 INT. WOOD DOOR JAMB DETAIL
4 INT. WOOD DOOR HEAD DETAIL



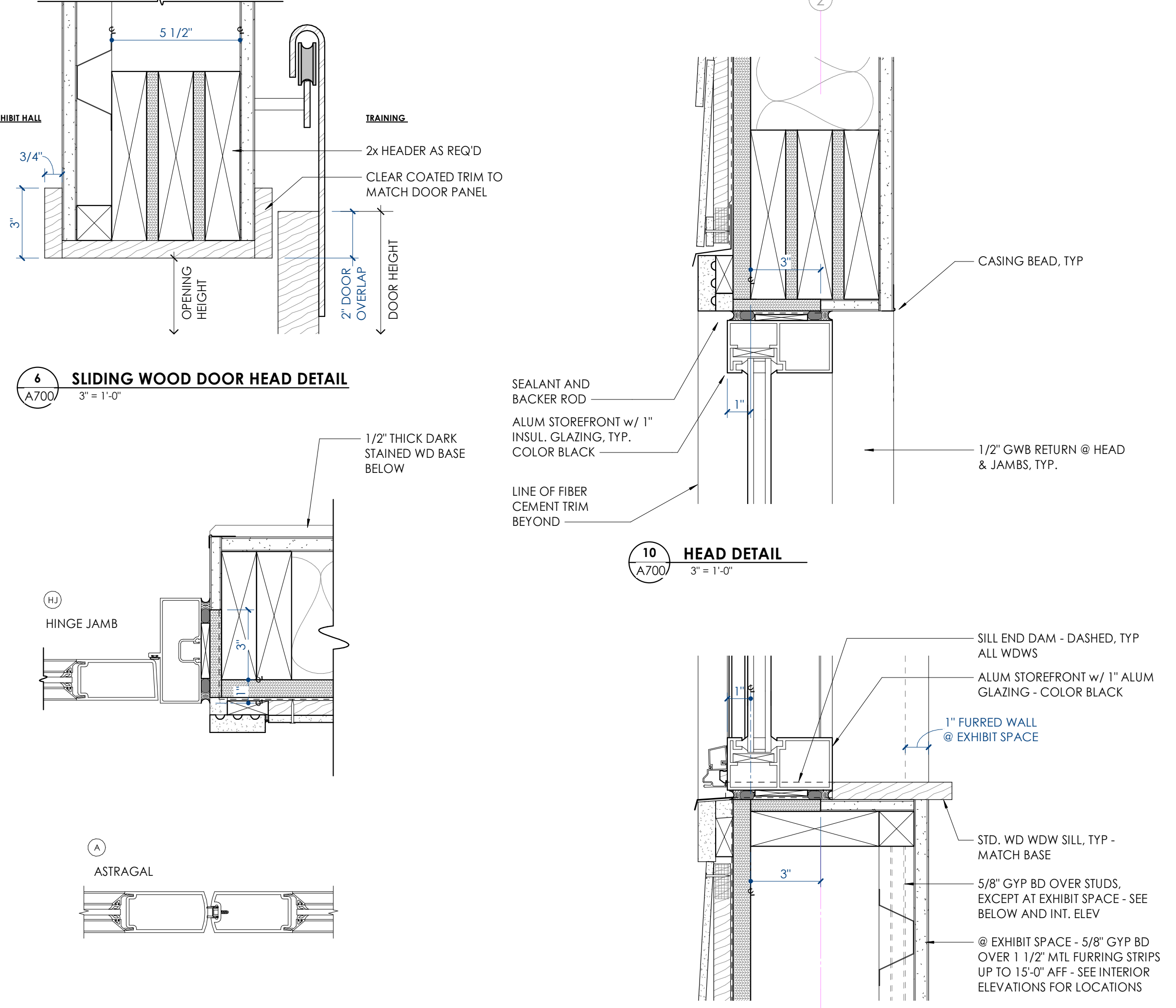
9 JAMB DETAIL



5 SLIDING WOOD DOOR JAMB DETAIL
6 SLIDING WOOD DOOR HEAD DETAIL

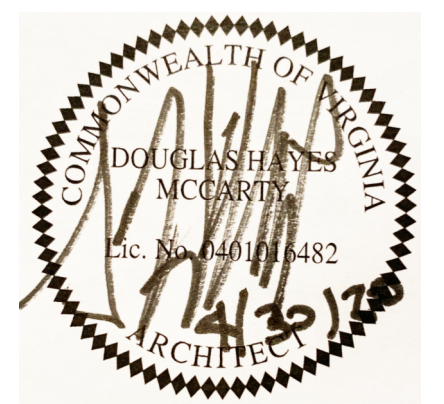


7 EXTERIOR DOOR DETAILS - HEAD & SILL
8 EXTERIOR DOOR DETAILS - JAMB



10 HEAD DETAIL

11 SILL DETAIL



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Do NOT scale drawings, use given dimensions only.
Each owner, user, contractor, etc. must verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions of job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN

REVISION INFORMATION

NO.	Date	Description
1	4.30.20	ENLARGED BLDG.

DRAWING INFORMATION

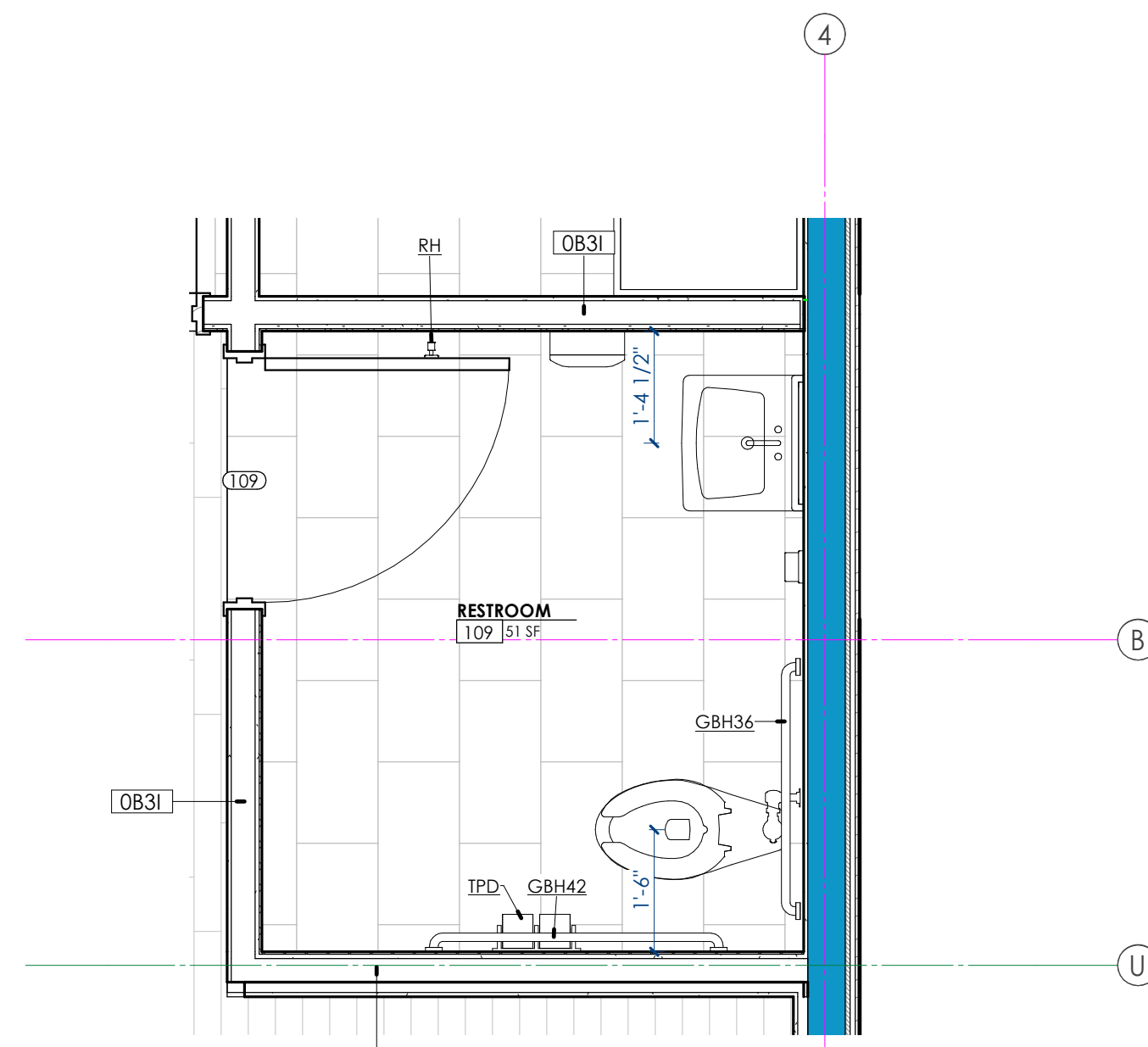
SCALE:	As Indicated
SCALE GUIDE:	
DATE ISSUED:	15 OCT 2019
PRJ MGR:	D. COLLINS
FA / PC:	J. THOMAS
DRAWN BY:	B. ARCHER
CHECKED BY:	B. RAINES
DRAWING TITLE:	

DOOR TYPES & SCHEDULES

BINDING EDGE

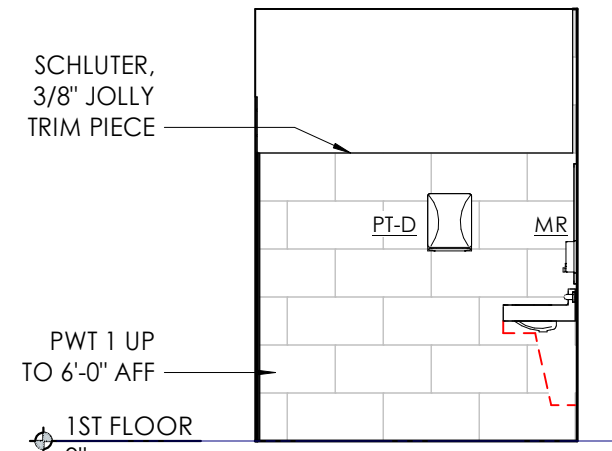
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BINDING EDGE

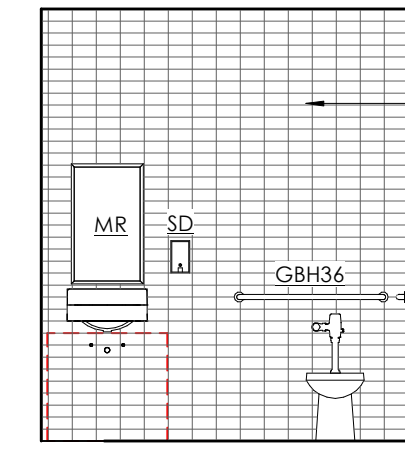


1
A800
TYPICAL ENLARGED RESTROOM PLAN
1/2" = 1'-0"

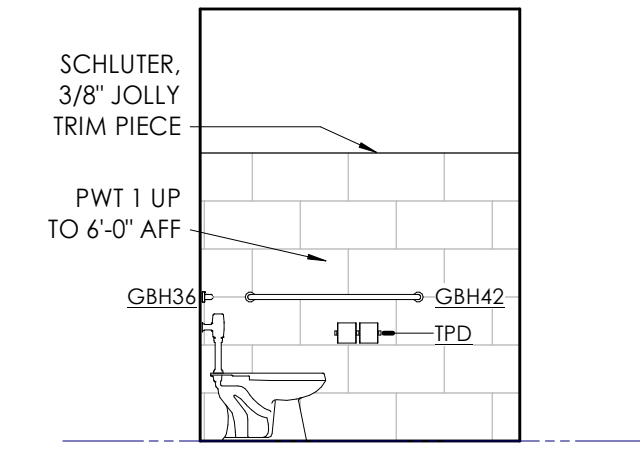
NOTE: REFER TO AG010 FOR ACCESSORY MOUNTING HEIGHTS



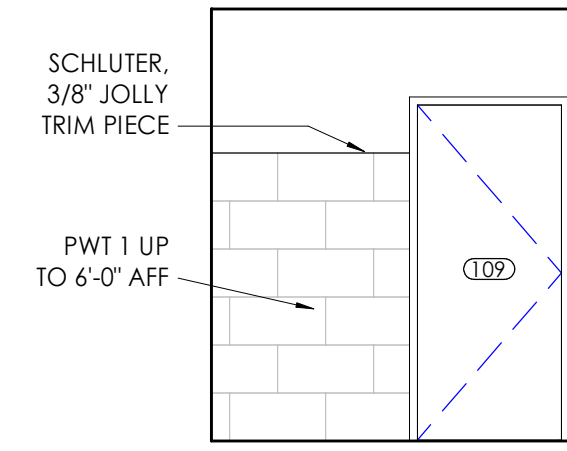
2
A800
RESTROOM 109 NORTH
1/4" = 1'-0"



3
A800
RESTROOM 109 EAST
1/4" = 1'-0"



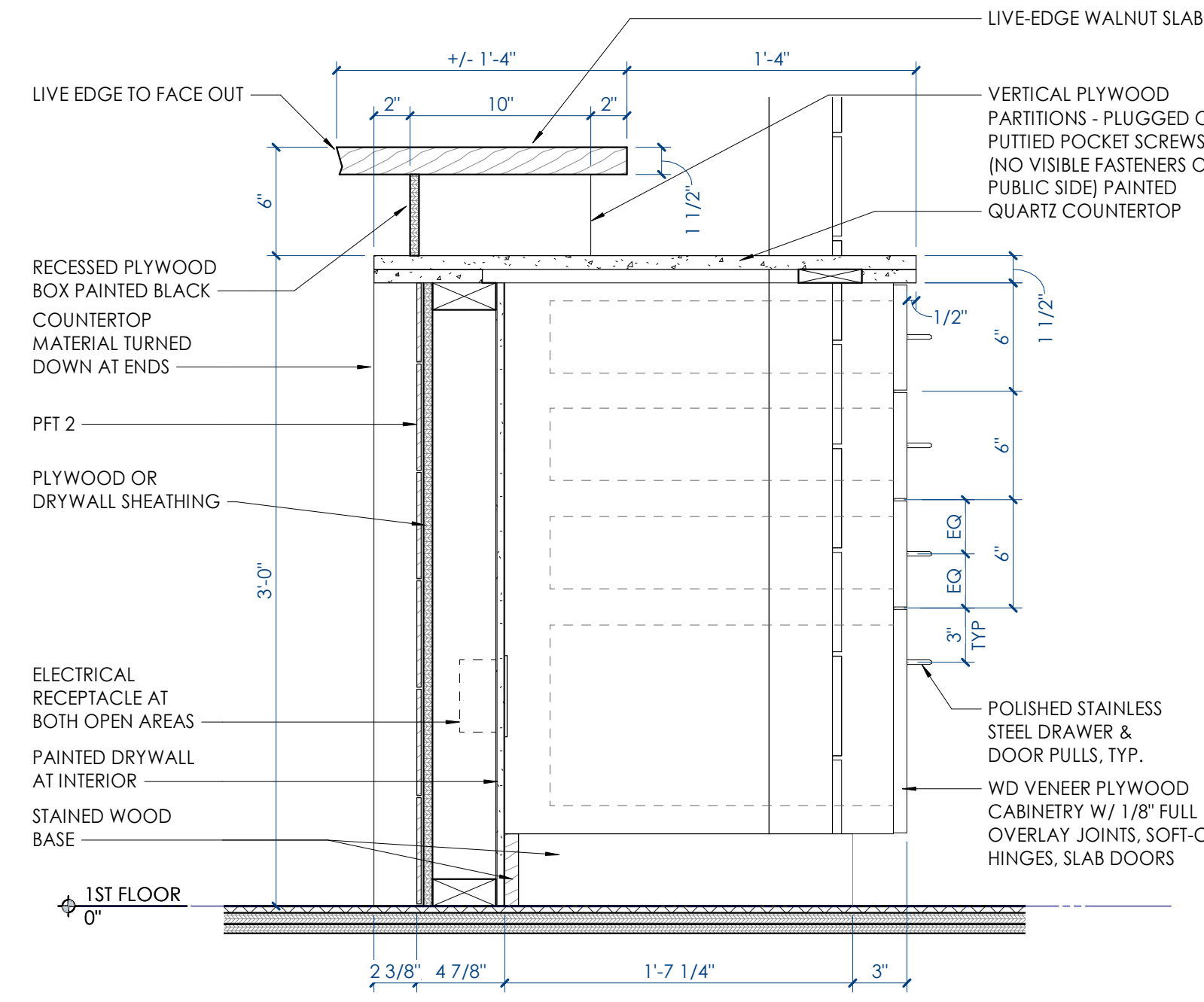
4
A800
RESTROOM 109 SOUTH
1/4" = 1'-0"



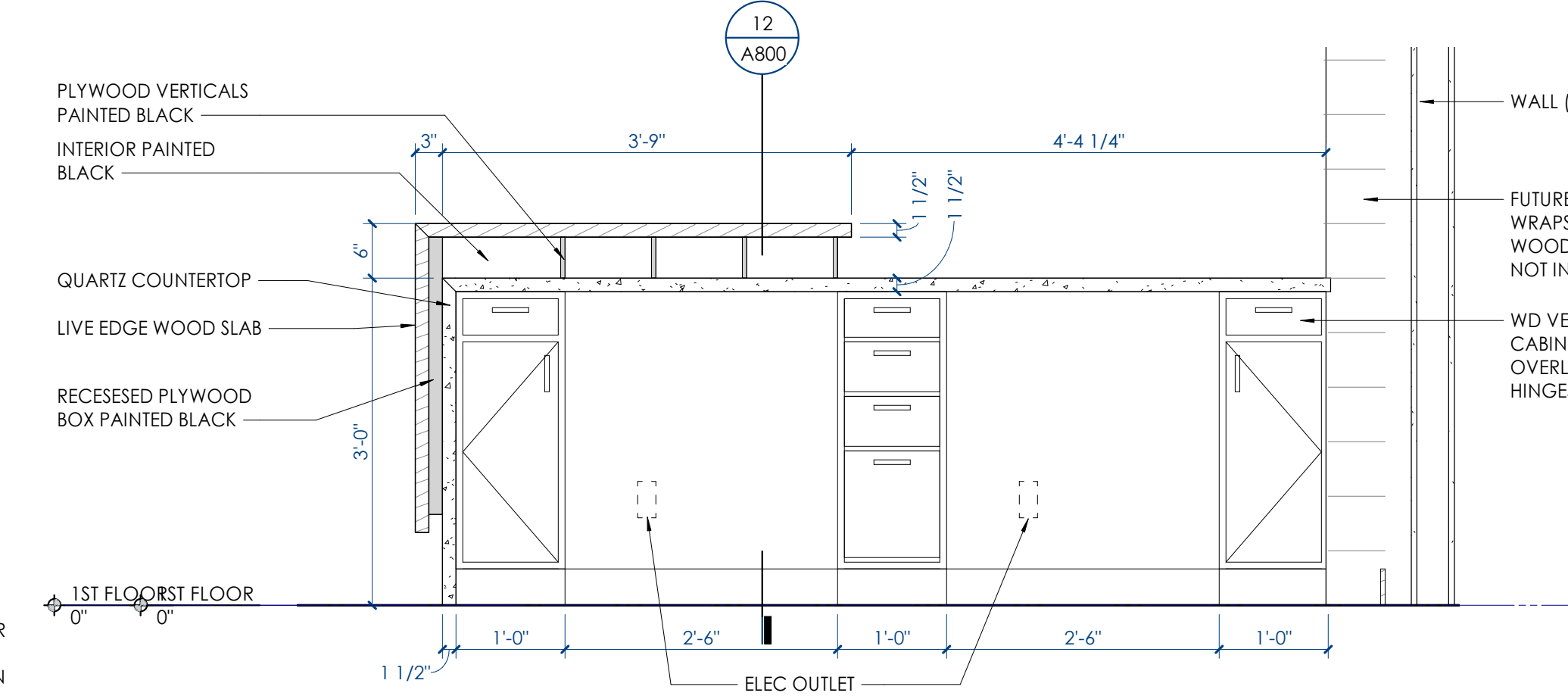
5
A800
RESTROOM 109 WEST
1/4" = 1'-0"

TOILET ACCESSORY LEGEND

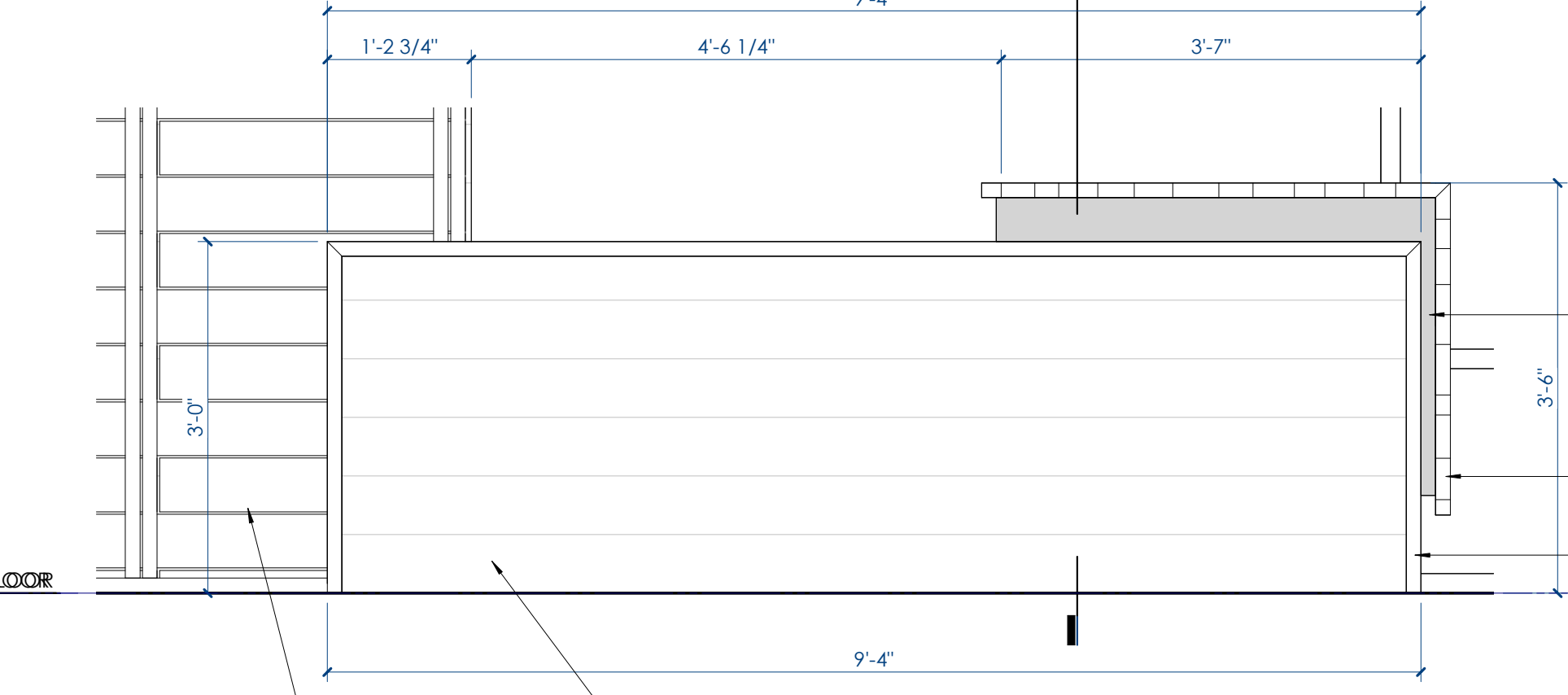
Type Mark	Description
GBH36	36" GRAB BAR
GBH42	42" GRAB BAR
MR	WALL-MOUNTED MIRROR
PT-D	PAPER TOWEL DISPENSER
RH	ROBE HOOK
SD	SOAP DISPENSER
TPD	TOILET PAPER DISPENSER



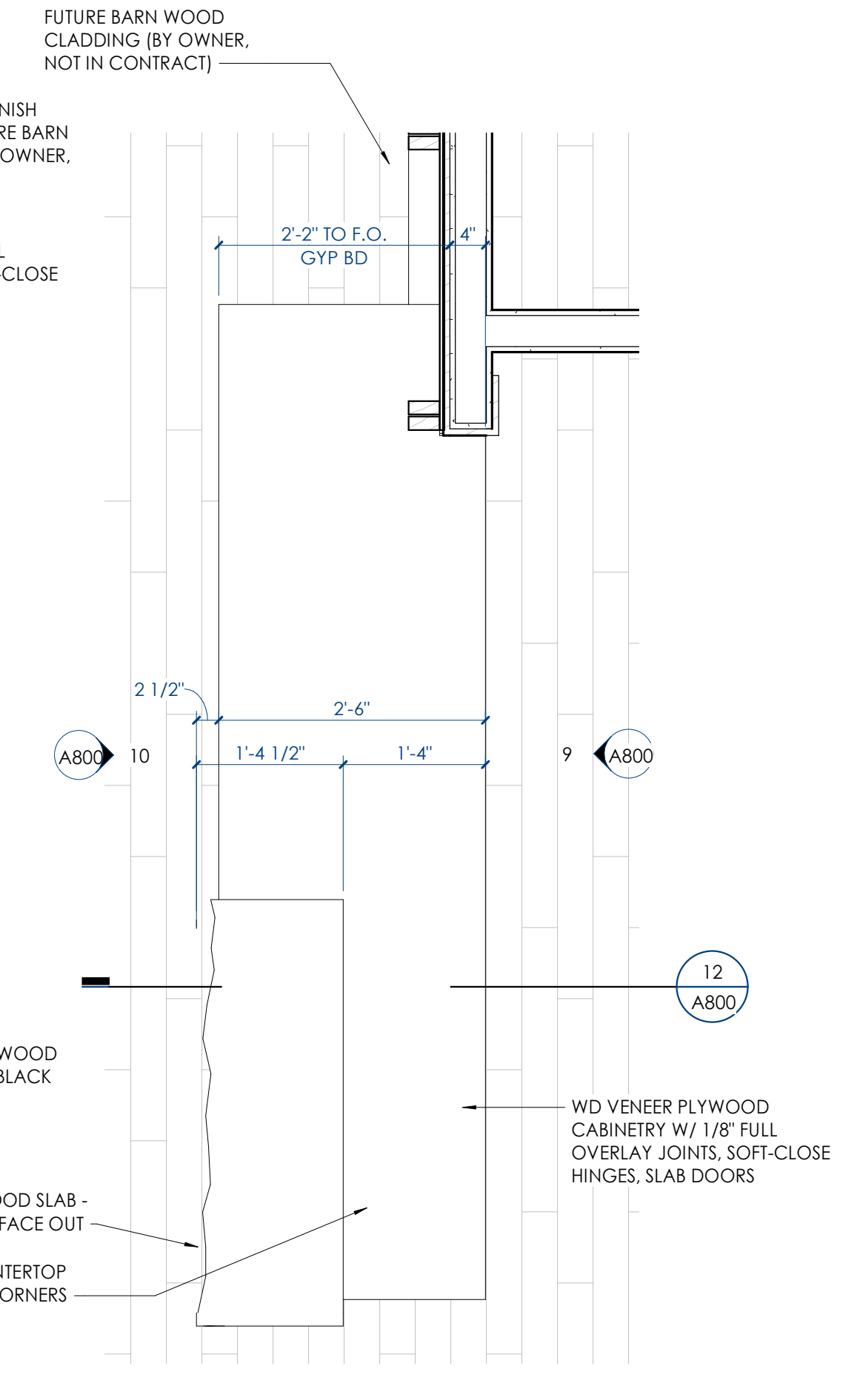
12
A800
RECEPTION SECTION
1 1/2" = 1'-0"



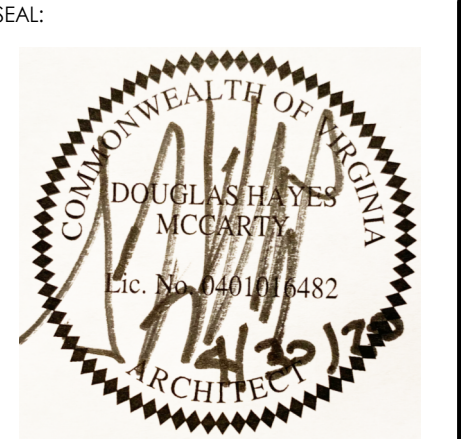
9
A800
RECEPTION ELEVATION 2
3/4" = 1'-0"



10
A800
RECEPTION ELEVATION 1
3/4" = 1'-0"



11
A800
RECEPTION DESK PLAN
3/4" = 1'-0"

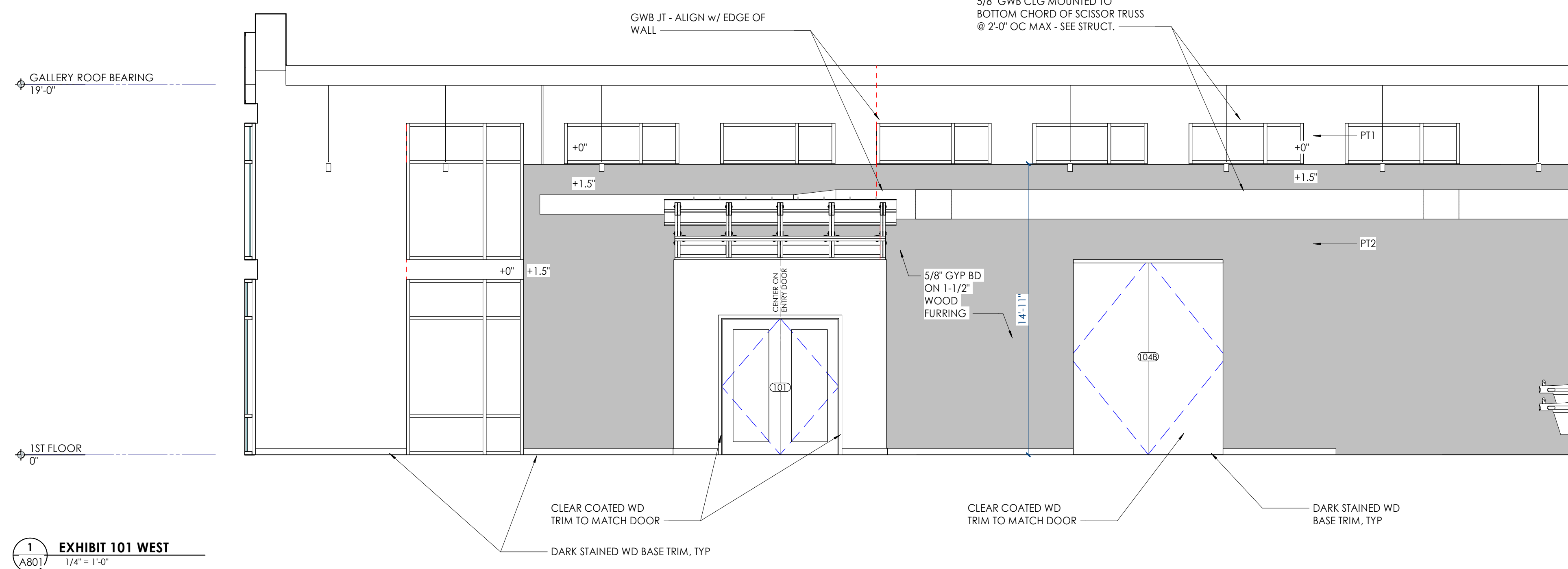


No.	Date	Description

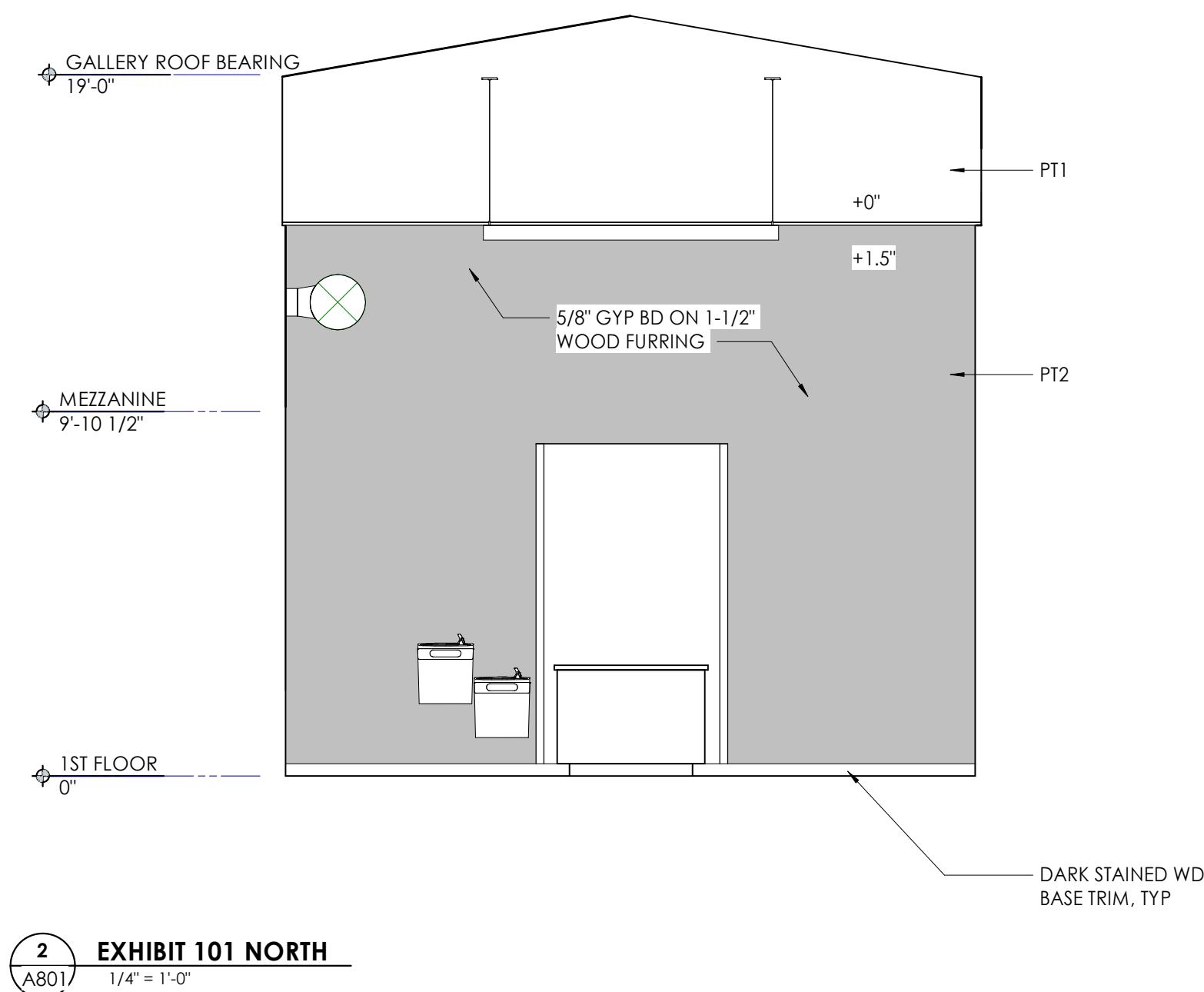
BINDING EDGE

BINDING EDGE

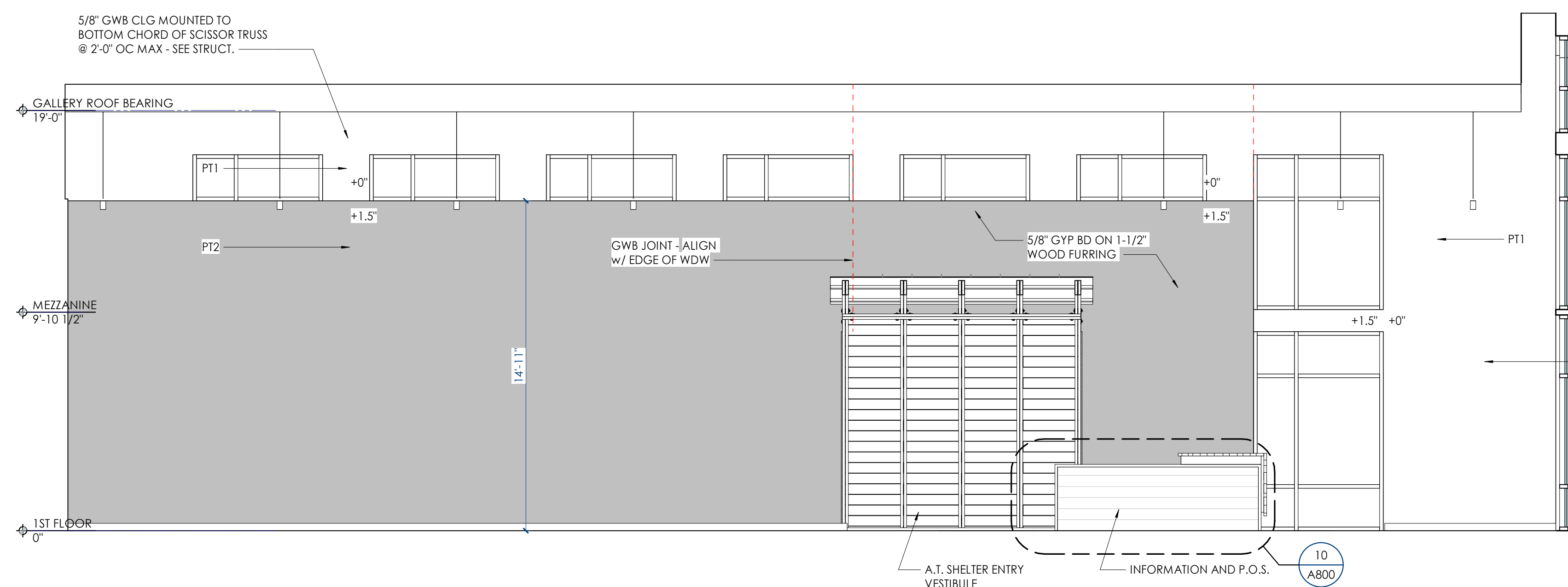
BINDING EDGE



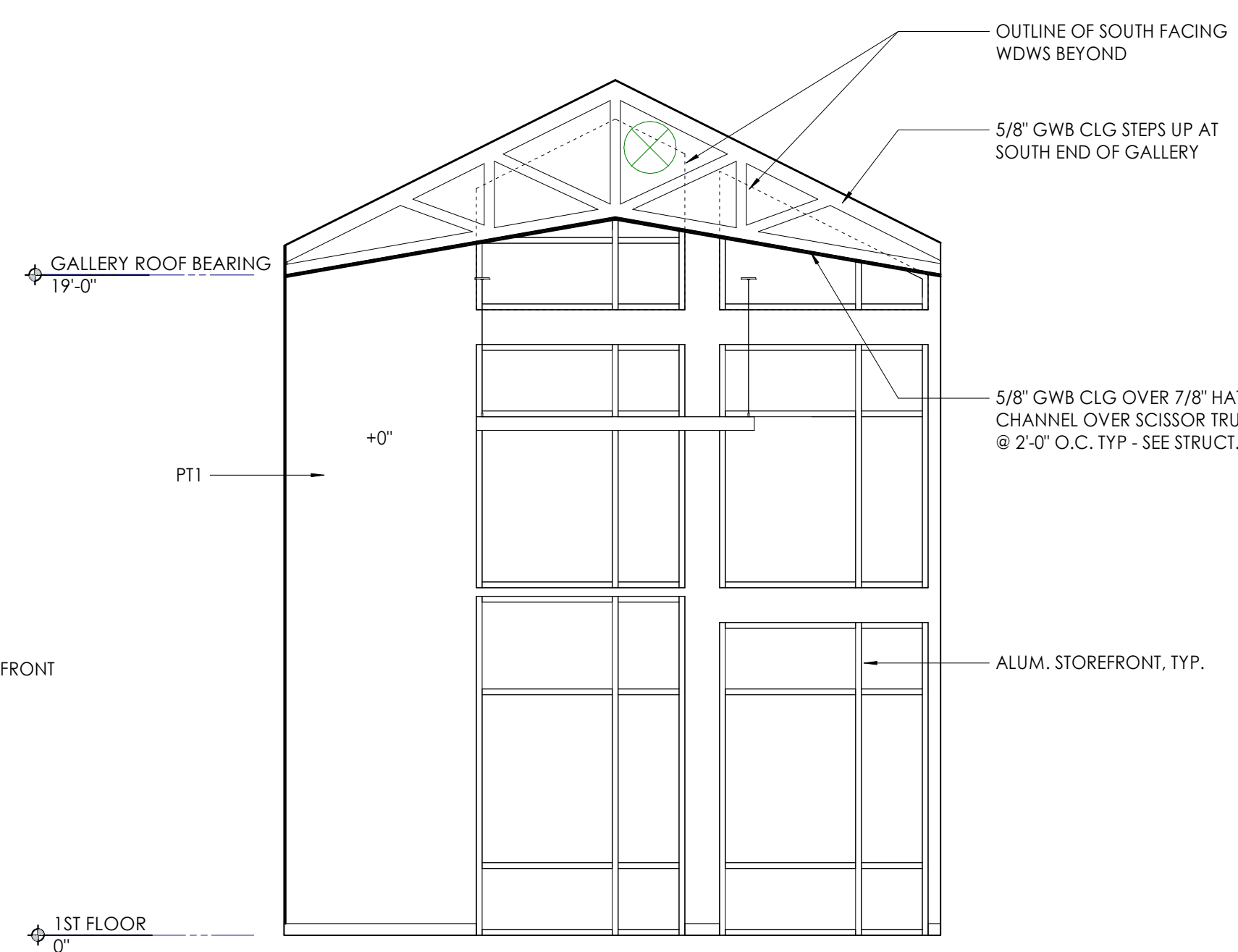
1 EXHIBIT 101 WEST
1/4" = 1'-0"



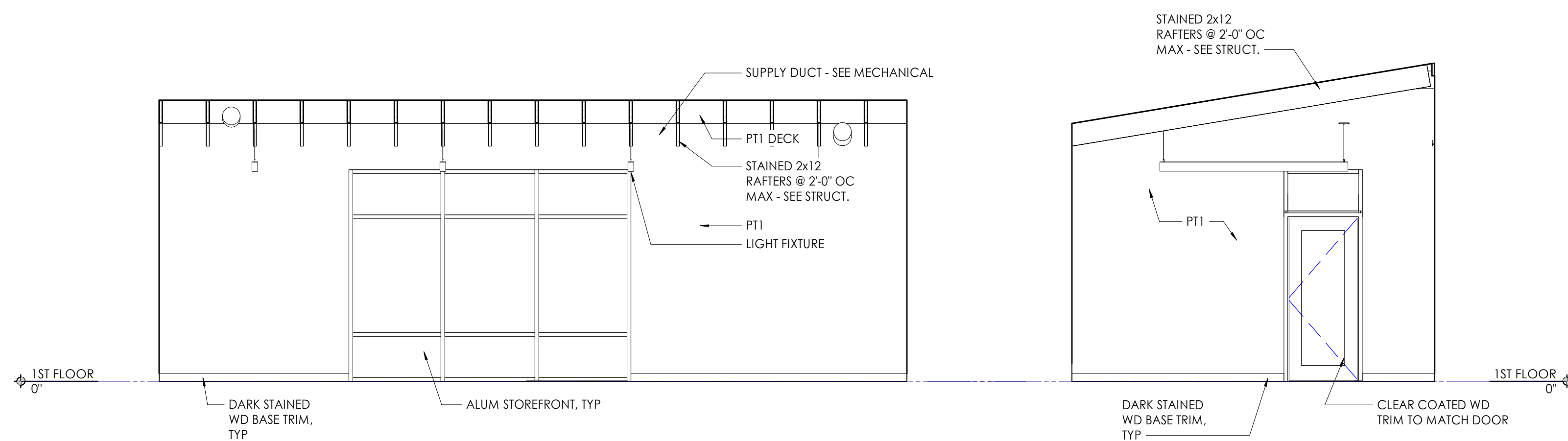
2 EXHIBIT 101 NORTH
1/4" = 1'-0"



3 EXHIBIT 101 EAST
1/4" = 1'-0"

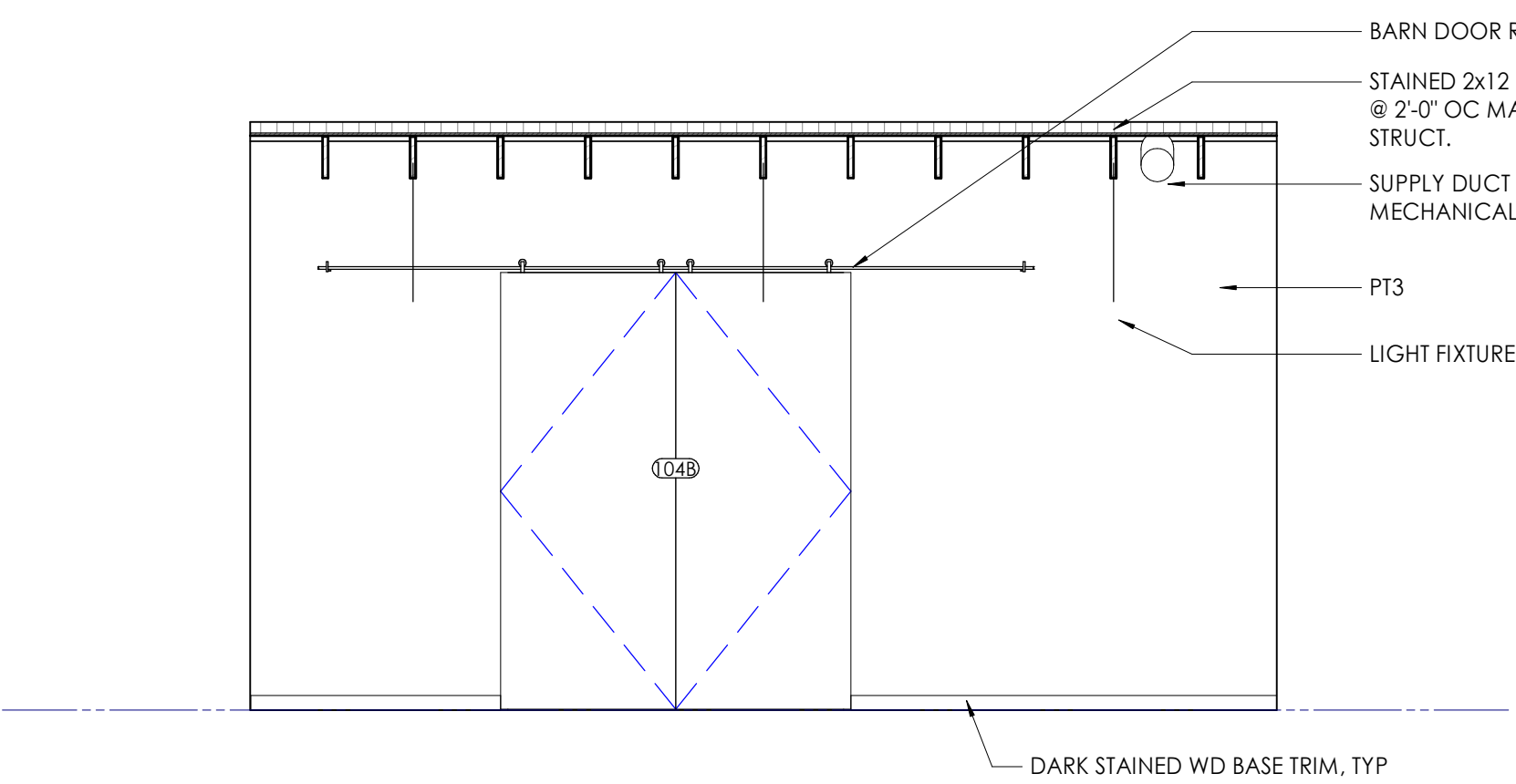


4 EXHIBIT 101 SOUTH
1/4" = 1'-0"

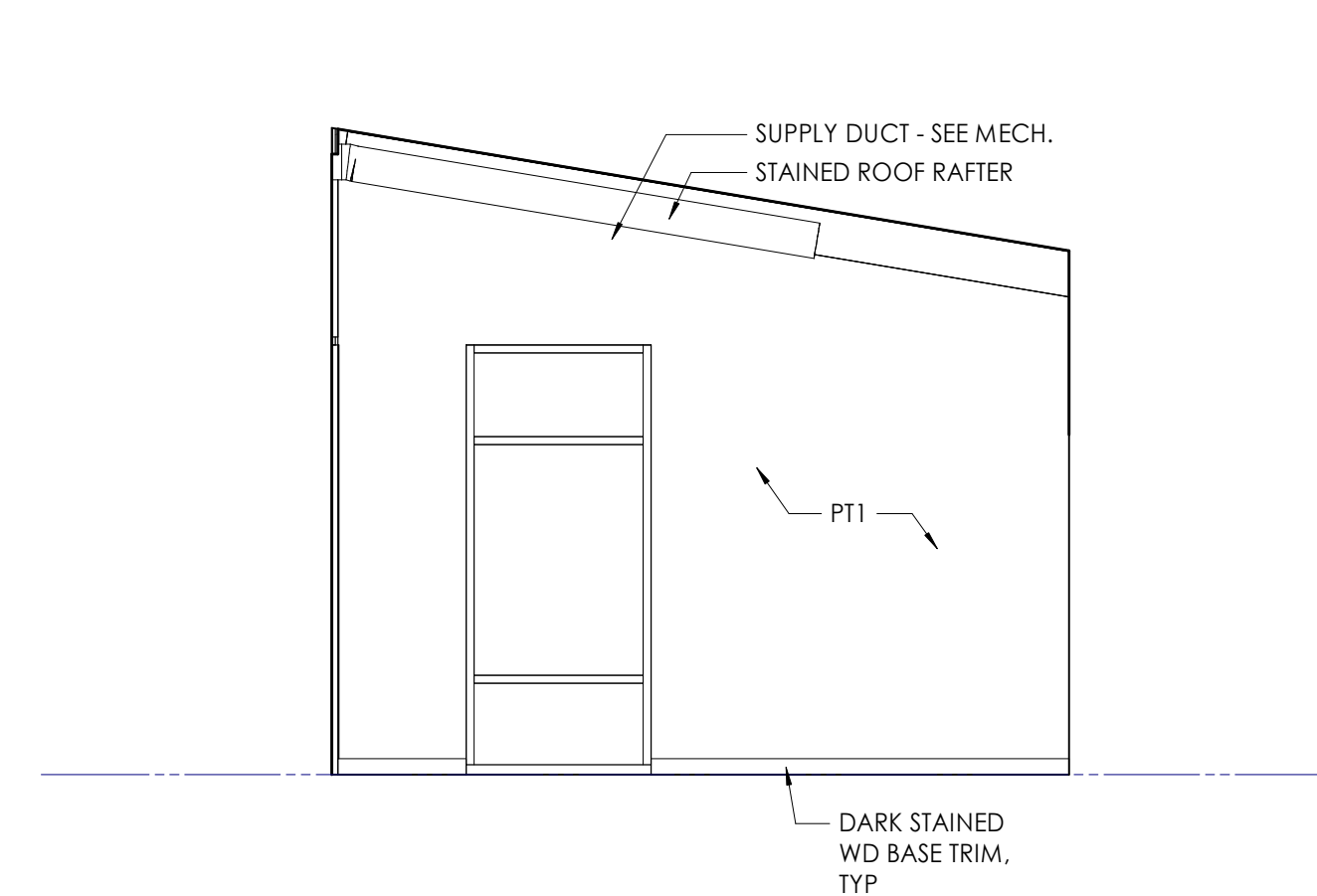


5 TRAINING 104 WEST
1/4" = 1'-0"

6 TRAINING 104 NORTH
1/4" = 1'-0"

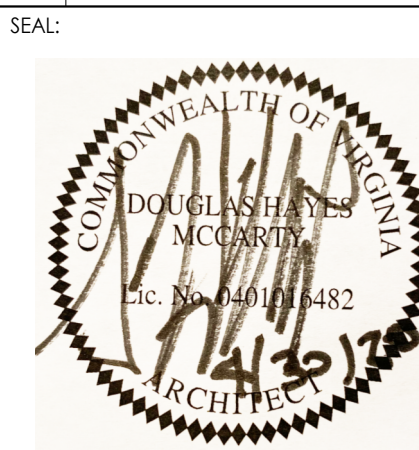


7 TRAINING 104 EAST
1/4" = 1'-0"



8 TRAINING 104 SOUTH
1/4" = 1'-0"

TIME / DATE: 5/10/2020 6:09:23 PM



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Do NOT scale drawings, use given dimensions only.
Find errors - verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions of job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

LET PLAN

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION
SCALE: 1/4" = 1'-0"
SCALE GUIDE:
DWG. ISSUED: 15 OCT 2019
PRJ. MGR.: D. COLLINS
PA / PC: J. THOMAS
DRAWN BY: B. ARCHER
CHECKED BY: B. RAINES
DRAWING TITLE:

STRUCTURAL NOTES:

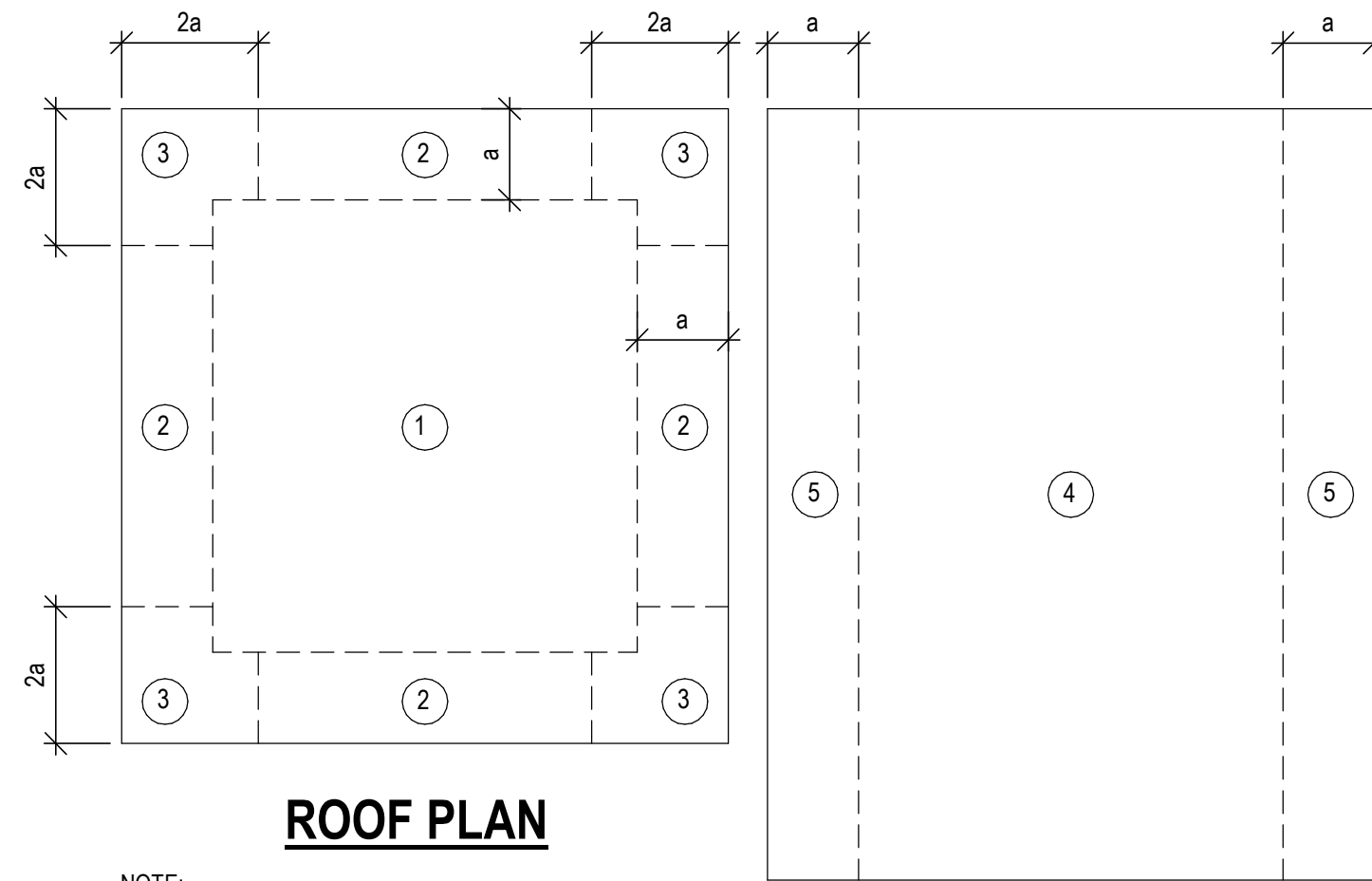
LOAD CHART

Table with columns for Building Code, Risk Category, Slab on Grade, Floor Live Load, Roof Live Load, Snow, Wind, Seismic, and Railings. Includes various load values and references to building codes.

COMPONENTS AND CLADDING

Table showing surface pressure (PSF) for roof areas across different zones (Negative and Positive).

Table showing surface pressure (PSF) for wall areas across different zones (Negative and Positive).



ROOF PLAN

WALL ELEVATION

NOTE: THESE ARE FOR WIND = 1.00 & EXPOSURE C. VALUES ARE BASED ON AN EFFECTIVE WIND AREA OF 10 PSF. DIMENSION 'a' IS DEFINED IN ASCE 7-10 AS 1/4 OF LEAST HORIZONTAL DIMENSION, BUT NOT LESS THAN 3'-0".

GENERAL NOTES:

- A. SPECIAL INSPECTIONS ARE REQUIRED BY THE BUILDING CODE. REFER TO PROJECT SPECIFICATIONS, AND SCHEDULE OF SPECIAL INSPECTIONS FOR SPECIFIC REQUIREMENTS.
B. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
C. CONTRACTOR SHALL VERIFY THE REQUIREMENT OF OTHER TRADES FOR SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES AND ADDITIONAL ITEMS TO BE PLACED OR SET SIMULTANEOUS WITH STRUCTURAL WORK.
D. DETAILS SHOWN ARE TYPICAL AND APPLY TO SIMILAR OR LIKE CONDITIONS.
E. DO NOT SCALE DRAWINGS, FOLLOW DIMENSIONS ON PLANS.
F. DO NOT CHANGE THE SIZE, LENGTH OR SPACING OF STRUCTURAL ELEMENTS WITHOUT APPROVAL OF STRUCTURAL ENGINEER.
G. DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING AND TEMPORARY SUPPORTS IS THE SOLE RESPONSIBILITY OF CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH OSHA SAFETY REGULATIONS.
H. CONTRACTOR SHALL VERIFY FLOOR / ROOF MOUNTED MECHANICAL EQUIPMENT WEIGHTS, FLOOR / ROOF / WALL OPENINGS SIZES AND LOCATIONS, AND SIZES OF EQUIPMENT PADS, WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND SUPPLIERS. NOTIFY ENGINEER IF LOADS ARE HIGHER THAN THOSE SHOWN.
I. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS INCLUDING DIMENSIONS TO EXISTING STRUCTURES, GRADES, UTILITIES, FRAMING, FOUNDATIONS AND HIDDEN CONDITIONS AND COORDINATE THESE CONDITIONS WITH THE CONTRACT DOCUMENTS. NOTIFY THE ARCHITECT AND ENGINEER OF EXISTING CONDITIONS THAT ARE NOT AS SHOWN.
J. PENETRATIONS: FOLLOW APPROPRIATE PENETRATION DETAIL ON DOCUMENTS AND REFER TO NOTES. SHOULD CORING OR CUTTING BE REQUIRED: INSPECT BOTH SIDES OF WALL/FLOOR FOR BEAMS OR OTHER ELEMENTS THAT CAN BE HARMED BY PENETRATION. ADJUST PENETRATIONS TO MISS STRUCTURAL ELEMENTS.
K. BEAMS/JOISTS/COLUMNS: DO NOT CUT/CORE/DAMAGE EXISTING BEAMS/JOISTS/COLUMNS OR OTHER MAJOR STRUCTURAL ELEMENTS OF THE BUILDING UNLESS SPECIFICALLY DETAILED. SHOULD ACCIDENTAL DAMAGE OCCUR, CONTACT STRUCTURAL ENGINEER PRIOR TO PROCEEDING.

EARTHWORK FOR STRUCTURES:

- A. SUBGRADES AND COMPACTED FILL SHALL BE OBSERVED BY A GEOTECHNICAL ENGINEER REGISTERED AS A PROFESSIONAL ENGINEER IN THE COMMONWEALTH OF VIRGINIA TO VERIFY CONFORMANCE.
B. SOIL DESIGN PARAMETERS:
1. MIN. ALLOWABLE BEARING PRESSURE 2000 PSF
2. UNIT WEIGHT OF SOIL 110 PCF
C. COMPACTED FILL/BACKFILL:
1. PROOFROLL SUBGRADE PER BELOW
2. PERFORM DENSITY AND MOISTURE TESTING. MINIMUM OF ONE FIELD DENSITY TEST PER 2000 SQ FT PER LIFT PLACED (MINIMUM OF ONE TEST PER LIFT)
3. PLACED IN LOOSE LIFTS NOT EXCEEDING 8 INCHES IN THICKNESS FOR GENERAL BACKFILL/FILL, 4 INCHES IN THICKNESS USING LIGHT WEIGHT EQUIPMENT (LESS THAN 3000-LBS).
4. COMPACTED TO AT LEAST 96 PERCENT MAXIMUM DRY DENSITY PER ASTM D-698. STANDARD PROCTOR.
5. CONSIST OF MATERIALS CLASSIFYING SC: SM, SP, SW, GC, GM, GP OR GW PER ASTM D-2487
6. MOISTURE CONTENT WITHIN (2) PERCENT OF OPTIMUM.
7. SHALL BE FREE OF BOULDERS, ORGANICS, TRASH, PARTICLES OF 3 INCHES OR MORE IN DIAMETER, AND OTHER DELETERIOUS MATERIAL.
8. PLASTICITY INDEX LESS THAN (20)
9. USE ONLY MECHANICAL HAND TAMPS OR SMALL VIBRATORY COMPACTORS/ROLLERS, NOT EXCEEDING 3000 POUNDS WEIGHT, WHEN CLOSER TO BELOW GRADE WALLS THAN A DISTANCE EQUAL TO THE HEIGHT OF THE BACKFILL ABOVE THE TOP OF THE FOUNDATIONS (1:1 SLOPE)
10. SUBGRADES REQUIRING UNDERCUTTING SHALL BE FILLED WITH FLOWABLE FILL (200 PSI MINIMUM) OR BACKFILLED WITH COMPACTED FILL TO THE ORIGINAL DESIGN SUBGRADE ELEVATION.
D. PROOFROLLING:
1. NATURAL SUBGRADES BELOW AREAS TO RECEIVE COMPACTED FILL
2. USE A LOADED DUMP TRUCK OR RUBBER Tired ROLLER
3. AREAS WHICH EXHIBIT EXCESSIVE PUMPING, WEAVING OR RUTTING SHALL BE UNDERCUT, ALLOWED TO DRY AND RECOMPACTED OR EXCAVATED AND REPLACED WITH COMPACTED FILL OR OPEN GRADED STONE.
E. UNSUITABLE, LOOSE OR SOFT SOIL SHALL BE REMOVED FROM THE EXCAVATION PRIOR TO PLACING FILL, STONE OR CONCRETE. DISTURBED, UNSUITABLE, OR EXCAVATED MATERIAL OCCURRING BELOW 45 DEGREES FROM HORIZONTAL BEGINNING AT THE BOTTOM MOST OUTER EDGE OF WALLS OR FOUNDATIONS SHALL BE REPLACED WITH COMPACTED FILL.
F. EXCAVATIONS SHALL BE BRACED OR SLOPED IN ACCORDANCE WITH CURRENT OSHA REGULATIONS. THE CONTRACTOR SHALL STAGE CONSTRUCTION SEQUENCE SO AS NOT TO UNDERMINE AN ADJACENT BUILDING, PREVIOUSLY CAST FOUNDATION, SLOPE OR OTHER STRUCTURE DURING THE CONSTRUCTION.
G. BLASTING IS NOT PERMITTED.
H. IF NON-UNIFORM ROCK OR DISINTEGRATED ROCK IS ENCOUNTERED AT FOUNDATION DESIGN SUBGRADE ELEVATION, UNDERCUT THIS MATERIAL ONE FOOT MINIMUM AND REPLACE WITH COMPACTED FILL.
I. EVIDENCE OF KARST ACTIVITY OR SINKHOLES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER PRIOR TO PROCEEDING.
J. SLOPE EXCAVATIONS, INSTALL SWALES AND/OR DEWATERING PUMPS TO MAINTAIN DRY SOIL CONDITIONS AND PREVENT STANDING WATER IN EXCAVATIONS FOR FOUNDATIONS AND SLABS.

STRUCTURAL STEEL:

- A. STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH:
1. ANS/AISC 360-10 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" - ALLOWABLE STRESS DESIGN
2. ANS/AISC 360-10 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES"
3. AWS D1.1 "STRUCTURAL WELDING CODE - STEEL"
4. AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.
B. MATERIALS SHALL COMPLY WITH:
1. STRUCTURAL STEEL SHAPES (EXCEPT W) ASTM A36
2. STRUCTURAL BOLTS ASTM A325
3. STRUCTURAL NUTS ASTM A363
4. STRUCTURAL WASHERS ASTM F436
5. ANCHOR RODS ASTM F1554 GRADE 36
C. AISC PLANT CERTIFICATION IS NOT A REQUIREMENT.
D. COATINGS:
1. PRIME PAINT STRUCTURAL STEEL
2. STRUCTURAL STEEL EXPOSED TO WEATHER, WATER, ELEMENTS, EXTERIOR TO PRIMARY BUILDING ENVELOPE (OUTSIDE OF EXTERIOR SHEATHING/INSULATION LAYER) OR AS INDICATED SHALL BE GALVANIZED PER ASTM A-123.
3. STEEL BELOW GRADE SHALL BE COATED WITH HEAVY CONSTRUCTION GRADE MASTIC MATERIALS.
E. WELDING SHALL BE:
1. PERFORMED BY AWS CERTIFIED WELDERS
2. USE E70XX ELECTRODES FOR A36 STEEL
3. ELECTRODES PER TABLE 4.1 OF ANS/AWS D1.1 FOR OTHER GRADES
F. CONNECTIONS SHALL BE:
1. IN ACCORDANCE WITH AISC SPECIFICATIONS
2. MINIMUM BOLT SIZE SHALL BE 3/4-INCH A325
3. SHALL BE IN ACCORDANCE WITH PARTS 9 THROUGH 15 OF THE STEEL CONSTRUCTION MANUAL.
4. BOLTS SHALL BE INSTALLED SNUG TIGHT UNLESS INDICATED OTHERWISE
G. PROTECTION OF EXISTING BUILDING: CONTRACTOR SHALL PROTECT EXISTING BUILDING DURING STRUCTURAL MODIFICATIONS.
1. PROTECT ALL AREAS FROM WELDING SPARKS BY USE OF WELDING MATS OR OTHER NON-FLAMMABLE PROTECTIVE DEVICES.

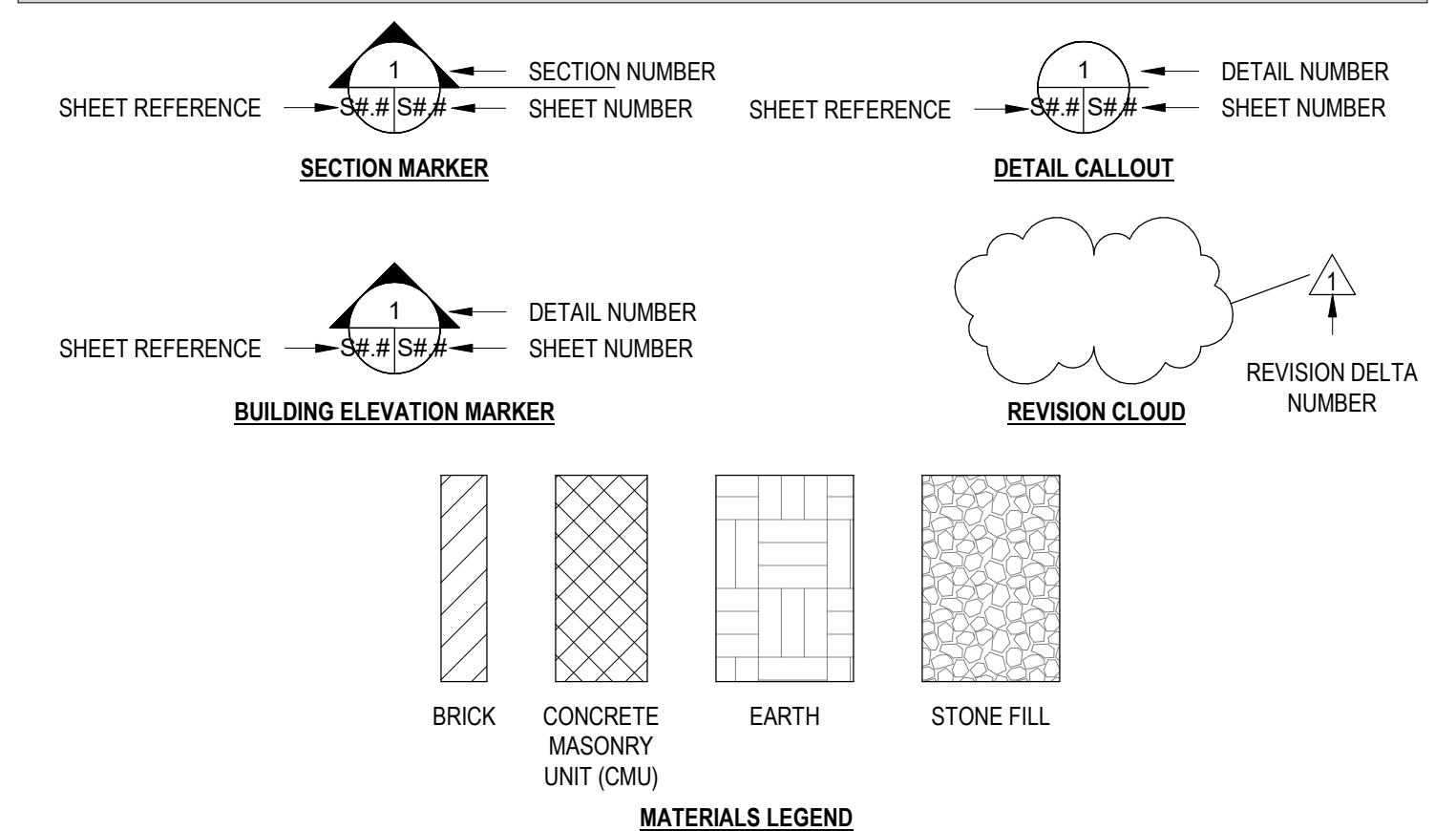
CONCRETE AND REINFORCEMENT:

- A. GENERAL CONCRETE SHALL BE:
LOCATION WEIGHT STRENGTH (PSI) AIR (%) SLUMP (IN) (+/- 1/2) MAX W/C RATIO
FOUNDATIONS NW 3000 N/A 5 0.50
MISCELLANEOUS NW 3000 N/A 4 0.50
FIELD SAMPLING SHALL BE OBTAINED FROM MIDDLE OF BATCH
1. NORMAL WEIGHT (NW) CONCRETE SHALL BE 145 - 150 PCF
2. SLUMPS ABOVE ARE PRIOR TO ADDITION OF PLASTICIZERS OR MID RANGE WATER REDUCER. MAXIMUM SLUMP AFTER APPROVED ADDITIVES SHALL BE 8 INCHES.
3. MATERIALS:
CEMENT: ASTM C 150 TYPE III
FLY ASH: ASTM C618 CLASS C OR F, 20% MAX.
AGGREGATE: ASTM C33, GRADED, 1-1/2 INCH MAX
B. CONCRETE WORK SHALL BE IN FULL ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301, 315, AND 318 CRSI RECOMMENDED PRACTICE OF PLACING REINFORCING BARS ACI 117 FOR PLACEMENT TOLERANCES (CONCRETE AND REINFORCEMENT) ACI 306 AND ACI 305 COLD/HOT WEATHER CONCRETING ACI 308-1 FOR CURING OF CONCRETE ACI 308R-05 GUIDE FOR CONSOLIDATION OF CONCRETE ACI MANUAL OF STANDARD PRACTICES FOR DETAILING REINFORCED CONCRETE STRUCTURES"
C. SLABS ON GRADE:
1. GEMENTITIOUS MATERIAL CONTENT IN ACCORDANCE WITH TABLE 6.2 OF ACI 302.1.
2. SAND, NATURAL
3. MODULUS OF RUPTURE (MOR) PER ASTM C 496: 3000 PSI MIX - 492 PSI
D. REINFORCING:
1. ASTM A615, GRADE 60 FOR DEFORMED BARS
2. DEVELOPMENT LENGTH FOR REINFORCEMENT (db = BAR DIAMETER):
STRENGTH DEVELOPMENT LENGTH, LD #6 AND SMALLER #7 AND LARGER HOOK, LDH
3000 PSI 44 db 55 db 22 db
3. DEVELOPMENT LENGTH MINIMUM OF 12 INCHES. HOOK DEVELOPMENT LENGTH MINIMUM 6 INCHES. DEVELOPMENT LENGTH ADJUSTMENTS:
TOP BAR REINFORCING: ABOVE MULTIPLIED BY 1.3
CLASS B TENSION LAPS: ABOVE MULTIPLIED BY 1.3
SPICES SHALL BE CLASS B TENSION SPICES UNLESS NOTED. MECHANICAL OR WELDED SPICES SHALL DEVELOP 125% OF THE BAR YIELD STRENGTH.
5. CONCRETE CLEAR COVER SHALL BE (UNLESS NOTED OTHERWISE):
BELOW GRADE (UNFORMED) 3"
BELOW GRADE (FORMED) 2"
EXPOSED TO WEATHER OR WATER 2"
6. PROVIDE DOWELS IN FOUNDATIONS TO MATCH THE SIZE AND QUANTITY AS VERTICAL WALL, PIER OR COLUMN REINFORCEMENT.
7. PROVIDE CORNER BARS AT CORNERS AND INTERSECTING WALLS.
E. CONCRETE FINISHES:
1. PROVIDE 1-INCH CHAMFER AT EXPOSED CONCRETE CORNERS
F. CONDUITS, PIPES OR DUCTS (EXCEEDING ONE-THIRD THE FOUNDATION, SLAB OR WALL THICKNESS (INCLUDING CROSSINGS) SHALL NOT BE PLACED WITHIN THE THICKNESS OF THE FOUNDATION, WALL OR SLAB UNLESS SPECIFICALLY DETAILED. SEE THE MECHANICAL AND/OR ELECTRICAL PORTION OF THE CONTRACT DOCUMENTS FOR LOCATION OF SLEEVES AND ACCESSORIES. PIPES AND DUCTS SHALL BE LOCATED BETWEEN THE LAYERS OF REINFORCEMENT. REFER TO APPROPRIATE PENETRATION DETAILS. DETAIL ALL SUCH PENETRATIONS AND EMBEDDED ITEMS CLEARLY ON THE REINFORCEMENT SUBMITTAL.
G. REINFORCING STEEL AND EMBEDDED ITEMS SHALL BE ACCURATELY PLACED IN THE POSITIONS SHOWN, TIED AND SUPPORTED BEFORE CONCRETE IS PLACED TO PREVENT DISPLACEMENT BEYOND PERMITTED TOLERANCES.
H. EPOXY GROUTING OF DEFORMED BAR DOWELS OR ANCHOR RODS INTO EXISTING OR HARDENED CONCRETE SHALL BE INSTALLED ACCORDING TO EPOXY MANUFACTURERS RECOMMENDATION TO PROVIDE FULL DEVELOPMENT OF THE BAR OR BOLT FOR THE SPECIFIC CONCRETE STRENGTH AT POINT OF ATTACHMENT.
1. APPLY LOADS ONLY AFTER EPOXY HAS REACHED FULL STRENGTH
2. ALL PARTS OF ANCHORING SYSTEM (RODS, NUTS, WASHERS, BITS, EPOXY, ETC.) SHALL BE FROM A SINGLE SUPPLIER.
3. WORK MUST BE PERFORMED BY ACI CERTIFIED EPOXY ANCHOR INSTALLER.

STRUCTURAL ABBREVIATIONS

Table mapping abbreviations to descriptions for structural elements like AFF (Above Finish Floor), LSH (Long Side Horizontal), etc.

GENERAL NOTES FOR SECTIONS AND DETAILS

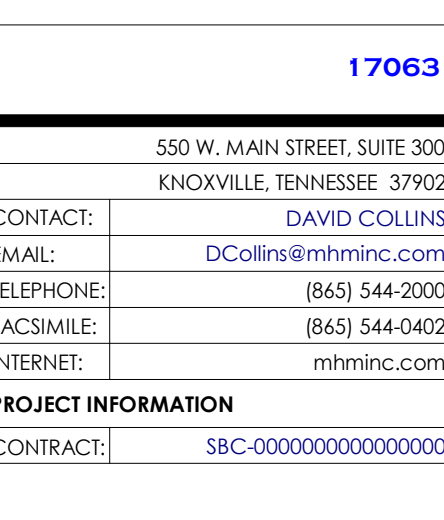


STRUCTURAL LEGEND

- RE-ENTRANT BARS (2) #4 x 4'-0" L.G. CENTER ON CORNER
C CAMBER
#k CONNECTION LOAD (KIPS)
FOUNDATION TYPE (SEE SCHEDULE)
C# COLUMN DESIGNATION

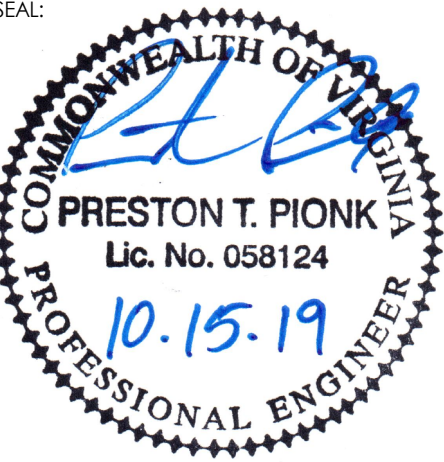
STRUCTURAL SHEET INDEX

Table listing sheet numbers (S0.0 to S5.0) and sheet names (Structural Notes, Legend & Abbreviations, Foundation & Floor Framing Plans, etc.)



DAMASCUS TRAIL CENTER
223 W Laurel Ave, Damascus, VA
DAMASCUS, VIRGINIA 24236

- ACTIVE DESIGN PHASE
[] SCHEMATIC DESIGN
[] DESIGN DEVELOPMENT
[] RED-CHECK
[] CONSTRUCTION DOCUMENTS
[] CONSTRUCTION BIDDING PHASE
[] CONSTRUCTION ADMINISTRATION



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CODES OFFICIAL REVIEW

Table for Codes Official Review with columns for No., Date, and Description.

REVISION INFORMATION

Table for Revision Information with columns for No., Date, and Description.

DRAWING INFORMATION

Table for Drawing Information including scale, date, and drawing title.

STRUCTURAL NOTES, LEGEND & ABBREVIATIONS
DRAWING NO: S0.0

BINDING EDGE

BINDING EDGE

BINDING EDGE

2015 IBC STRUCTURAL SPECIAL INSPECTIONS

Main inspection table with columns: MATERIAL / ACTIVITY, TYPE OF INSPECTION, THIS PROJ.?, REFERENCE, INSPECTION / TEST BY *, MATERIAL / ACTIVITY, TYPE OF INSPECTION, THIS PROJ.?, REFERENCE, INSPECTION / TEST BY *. Rows include Foundations, Concrete Construction, Masonry Construction, Steel Construction, Seismic Force Resistance Inspections, and Seismic Resistance Testing.

WOOD & LIGHT GAGE STEEL CONSTRUCTION
FIREPROOFING
STRUCTURAL SPECIAL INSPECTION NOTES:
1. Fabricator, supplier, ready-mixed plant or other production plant shall provide certificates from an approved independent inspection, testing or quality assurance agency attesting that the plant...

PREFABRICATED WOOD TRUSS:
A. DESIGN, DETAILING, FABRICATION AND ERECTION SHALL COMPLY WITH:
1. TPI 1, NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION
2. TPI DSB, RECOMMENDED DESIGN SPECIFICATION FOR TEMPORARY BRACING OF METAL PLATE CONNECTED WOOD TRUSSES
3. TPI HIS, COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES
4. TPI, QUALITY CONTROL MANUAL
5. AMERICAN INSTITUTE OF TIMBER CONSTRUCTION - TIMBER CONSTRUCTION STANDARDS
6. AMERICAN FOREST PRODUCTS ASSOCIATION - NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION AND SUPPLEMENT
7. NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION WITH SUPPLEMENTS BY AMERICAN FOREST AND PAPER ASSOCIATION
B. DESIGN AND DRAWING PREPARATION AND SUBMITTALS:
1. TRUSS DESIGN SHALL BE PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT WHICH INCLUDES DESIGN OF TRUSS, TRUSS CONNECTIONS, AND PROVIDES DESIGN LOADS AND REACTIONS APPLIED TO THE SUPPORTING STRUCTURE.
2. PROVIDE TRUSS DESIGN DRAWINGS TO THE BUILDING OFFICIAL IN ACCORDANCE WITH IBC SECTION 2303.4.1.1
3. TRUSS SUBMITTAL PACKAGE IN ACCORDANCE WITH IBC SECTION 2303.4.3 INCLUDING TRUSS PLACEMENT DIAGRAM PER IBC SECTION 2303.4.2
C. DESIGN CRITERIA
DEFLECTION CRITERIA
LOCATION MATERIAL SUPPORTED LIVE LIMIT LATERAL PRESSURE LIMIT DEAD+LIVE LIMIT
ROOF PLASTER, GYPSUM, STUCCO L/360 L/360 L/240
NON-PLASTER (SUSPENDED) L/240 L/240 L/180
NO CEILING L/180 L/180 L/120
REFERENCE IBC TABLE 1604.3 (NOTE F), FOR COMPONENTS & CLADDING WIND LOAD DEFLECTIONS, MODIFY NOTE F, FOR THIS PROJECT, WHERE THE MAXIMUM REDUCTION IS TAKEN AS 0.7W.
LOADING - REFER TO LOADING INFORMATION IN STRUCTURAL NOTES
D. PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT - WHERE REQUIRED ON THE TRUSS DESIGN DRAWINGS, COMPLY WITH IBC SECTION 2303.4.1.2 TRUSS MANUFACTURER SHALL PROVIDE INFORMATION, HARDWARE AND ACCESSORIES REQUIRED FOR TRUSS BRACING AND CONNECTIONS.
E. WOOD TRUSS FRAMING MATERIALS SHALL BE:
1. WOOD MATERIAL:
a. MINIMUM NO. 2 GRADE SOUTHERN PINE PER AGENCY CERTIFIED BY ALSO
b. SURFACE DRY AT 19 PERCENT MAXIMUM MOISTURE CONTENT
2. METAL FRAMING ANCHORS AND ACCESSORIES:
a. GALVANIZED G60
b. ASTM A 653, OR HS/LAS TYPE A OR B
3. BOLTS/NUTS: ASTM A307 / ASTM A563
4. LAG SCREWS: ANSII/ASME STANDARD B18.2.1
5. WOOD SCREWS: ASME B18.6.1
6. NAILS: ASTM F1667
F. WOOD CONNECTORS - BASIS OF DESIGN
1. ALL WOOD CONNECTORS TO BE MANUFACTURED BY SIMPSON STRONG TIE OR APPROVED EQUAL TO BE CONSIDERED EQUAL, THE CONNECTOR MUST BE CONFIGURED SIMILAR AND HAVE THE SAME OVERALL STRUCTURAL QUALITIES AS THE SIMPSON EQUIVALENT MODEL.
G. ALIGN WEBS OF TRUSSES, CONTRACTOR TO COORDINATE ANY UTILITIES IN TRUSSES WITH TRUSS SUPPLIER

STRUCTURAL NOTES:

STRUCTURAL WOOD:
A. FASTENING:
1. AS INDICATED ON PLANS, SECTIONS AND DETAILS WITH MINIMUM OF:
a. IBC 2015 TABLE 2304.10.1
B. MISCELLANEOUS MATERIALS SHALL COMPLY WITH:
1. STEEL PLATES: ASTM A36
a. WELDING: E70XX ELECTRODES
2. BOLTS / NUTS: ASTM A307 / ASTM A563
3. LAG SCREWS: ANSII / ASME STANDARD B18.2.1
4. WOOD SCREWS: ASME B18.6.1 GALVANIZED
5. NAILS: ASTM F1667 GALVANIZED
6. ALL PRESSURE TREATED LUMBER FASTENERS: AISI/ASTM GRADE 316 / 305 / 304 STAINLESS
7. CONNECTORS TO MASONRY OR CONCRETE:
a. RED HEAD TAPCON
b. HILTI KWIK-CON II
c. SIMPSON TITEN 2
C. METAL FRAMING CONNECTORS AND ACCESSORIES:
1. STEEL SHEET GALVANIZED G60: ASTM A 653 OR HS/LAS TYPE A OR B
a. PRESSURE TREATED WOOD: STEEL SHEET GALVANIZED G185: ASTM A 653
2. SAWN WOOD CONNECTION SCHEDULE
D. SAW LUMBER:
1. DEPT. OF COMMERCE (DOC) VOLUNTARY PRODUCT STANDARD PS 20 AMERICAN SOFTWOOD LUMBER STANDARD
2. AMERICAN WOOD COUNCIL (AWC):
a. ANSII/AWC NDS NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION
b. NATIONAL DESIGN SPECIFICATION SUPPLEMENT
c. AWC SDPWS SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC
3. GRADE STAMP ALL LUMBER OR PROVIDE WRITTEN CONFIRMATION OF GRADE AND COMPLIANCE WITH THESE REQUIREMENTS:
a. CONCERL STAMPS OR PROVIDE NON-STAMPED MATERIAL FOR EXPOSED LUMBER.
4. GRADE: NO. 2 (MIN.) SOUTHERN PINE (SP) PER AGENCY CERTIFIED BY AMERICAN LUMBER STANDARD COMMITTEE (ALSC)
5. MOISTURE CONTENT: SURFACE DRY AT (19) PERCENT MAXIMUM
E. WOOD STRUCTURAL PANELS:
1. DEPT. OF COMMERCE (DOC) VOLUNTARY PRODUCT STANDARD PS 1 STRUCTURAL PLYWOOD
2. DEPT. OF COMMERCE (DOC) VOLUNTARY PERFORMANCE STANDARD PS 2 "PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL-USE WOOD PANELS"
3. APA PSD PANEL DESIGN SPECIFICATION AND SUPPLEMENTS
4. AS DESCRIBED AND SPECIFIED IN IBC 2303.1.5
5. SHALL BE INSTALLED CONTINUOUS OVER TWO OR MORE SPANS WITH FACE GRAIN PERPENDICULAR TO SUPPORTS.
6. ALL PANEL JOINTS SHALL OCCUR OVER FRAMING.
7. PROVIDE EDGE SUPPORT WHERE INDICATED ON DRAWINGS OR AS RECOMMENDED BY ABOVE REFERENCES.
8. ROOF SHEATHING
a. PLYWOOD
b. SPAN RATING 240
c. GRADE STRESS LEVEL S-3
d. SPECIES GROUP 4
e. EXPOSURE CLASSIFICATION EXTERIOR
f. THICKNESS 3/4-INCH THICK
g. TONGUE & GROVE
h. ATTACHMENT
i. PER IBC TABLE 2304.10.1
9. FLOOR SHEATHING
a. PLYWOOD
b. SPAN RATING 32/16
c. GRADE STRESS LEVEL S-3
d. SPECIES GROUP 4
e. EXPOSURE CLASSIFICATION EXTERIOR
f. THICKNESS 5/8-INCH THICK
g. TONGUE & GROVE
h. ATTACHMENT
i. GLUE AND USE SPIRAL SHANK NAILS
j. PER IBC TABLE 2304.10.1
10. WALL SHEATHING
a. PLYWOOD
b. SPAN RATING 240
c. GRADE STRESS LEVEL S-3
d. SPECIES GROUP 4
e. EXPOSURE CLASSIFICATION EXTERIOR
f. THICKNESS 1/2 IN.
g. ATTACHMENT
i. PER IBC TABLE 2304.10.1
F. LAMINATED VENEER LUMBER (LVL)
1. ASTM D 5456 STANDARD SPECIFICATION FOR EVALUATION OF STRUCTURAL COMPOSITE LUMBER PRODUCTS
G. STRUCTURAL INSULATED PANELS (SIP)
1. APA PLYWOOD DESIGN SPECIFICATION SUPPLEMENT 4 - DESIGN & FABRICATION OF PLYWOOD SANDWICH PANELS.
2. PANEL DESIGN IS BASED UPON R-CONTROL PRODUCTS MANUFACTURED BY AFM CORPORATION (WWW.R-CONTROL.COM). SUBSTITUTE PRODUCTS MUST MEET OR EXCEED R-CONTROL PANEL PRODUCT PERFORMANCE SPECIFICATIONS.
3. PROVIDE SIP'S CAPABLE OF WITHSTANDING DESIGN LOADS INCLUDING DEAD LOAD, LIVE LOADS, WIND LOADS AND SEISMIC LOADS AS INDICATED ON THE PLANS.
4. PANEL DEPTH: 6 TO 12 IN.
5. R-CONTROL TYPICAL SPLINE CONNECTION DETAIL: 102
6. ROOF PANELS: CONNECT TO SUPPORTS USING R-CONTROL SCREWS AT 8 IN. ON CENTER AND 6 IN. ON CENTER AT BOUNDARIES. COMPLY WITH REQUIREMENTS OF R-CONTROL LOAD DESIGN CHART #7 FOR ADDITIONAL INSTALLATION REQUIREMENTS.
7. DIAPHRAGM BOUNDARY ELEMENTS MUST CONSIST OF FULL-DEPTH, SOLID SAWN LUMBER, 2 IN. MINIMUM NOMINAL WIDTH, MIN. SPECIFIC GRAVITY OF 0.50, INSERTED IN SIP CORE, CONTINUOUS ACROSS PANEL JOINTS.
8. UNLESS SHOWN OTHERWISE, DIAPHRAGM BOUNDARY ELEMENTS MUST CONSIST OF FULL-DEPTH, SOLID SAWN LUMBER, 2 IN. MINIMUM NOMINAL WIDTH, MIN. SPECIFIC GRAVITY OF 0.50, INSERTED IN SIP CORE, CONTINUOUS ACROSS PANEL JOINTS.
9. SHOP DRAWINGS CLEARLY INDICATING CONNECTIONS AND MATERIALS TO BE USED SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW.
H. LATERAL SUPPORT FOR FLOOR AND ROOF FRAMING (2015 IBC 2308.4.6): WHERE NOMINAL DEPTH TO THICKNESS RATIO OF THE FRAMING MEMBER EXCEEDS 6:1, THERE SHALL BE ONE LINE OF BRIDGING FOR EACH 8 FT. OF SPAN. BRIDGING SHALL CONSIST OF NOT LESS THAN 1 IN. X 3 IN. LUMBER, DOUBLE NAILED AT EACH END, OF EQUIVALENT METAL BRACING OF EQUAL RIGIDITY OR FULL DEPTH BLOCKING.
I. WOOD FRAME IS DESIGNED AS A NON-SELF SUPPORTING SYSTEM. CONTRACTOR SHALL ADEQUATELY BRACE FRAME (FOR FULL WIND LOADS) UNTIL ROOF SHEATHING, SHEAR WALLS AND CONNECTORS HAVE BEEN COMPLETELY INSTALLED AND ACCEPTED. TEMPORARY BRACING SHALL BE DETAILED SO AS NOT TO INTERFERE WITH ANY OTHER TRADES.
J. DO NOT CUT OR NOTCH BUILT UP OR SOLID WOOD COLLUMNS, POSTS, JACK OR KING STUDS, LINTELS, GIRDERS OR OTHER KEY STRUCTURAL ELEMENTS. FOR NOTCHES OR HOLES IN OTHER ELEMENTS, REFER TO THE WOOD SECTION OF THE BUILDING CODE FOR LIMITATIONS (IBC 2015 2308).
1. OPENINGS IN ENGINEERED WOOD PRODUCTS SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS.
K. PRESERVATIVE TREATMENT - PER AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) U1 PER TABLE 2-1 SERVICE CONDITIONS FOR USE CATEGORY DESIGNATIONS:
1. ABOVE GROUND - PROTECTED UC3A SILL PLATES
2. ABOVE GROUND - EXPOSED UC3B DECKING, RAILS
3. GROUND CONTACT - GENERAL USE UC4A DECK FRAMING, POSTS
4. GROUND CONTACT - HEAVY DUTY UC4B
TYPICAL APPLICATIONS PROVIDED ABOVE ARE REPRESENTATIVE BUT NOT EXHAUSTIVE. USE APPROPRIATE USE CATEGORY FOR VARIOUS INSTALLATIONS PER TABLE 2-1.
5. PROVIDE AHPA VERIFICATION FOR MATERIALS TO BE USED.
a. CONCERL STAMPS OR PROVIDE NON-STAMPED MATERIAL FOR EXPOSED LUMBER.
6. KILN-DRY LUMBER AFTER PRESERVATIVE TREATMENT TO 19 PERCENT MAXIMUM MOISTURE CONTENT.

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PROJECT INFORMATION
CONTRACT: SBC-00000000000000

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ACTIVE DESIGN PHASE
DESIGN DEVELOPMENT
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CONSTRUCTION DOCUMENTS
CONSTRUCTION BIDDING PHASE
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10.15.19

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Table with columns: CODES OFFICIAL REVIEW

Table with columns: REVISION INFORMATION, No., Date, Description

DRAWING INFORMATION
SCALE: 1/2" = 1'-0"
SCALE GUIDE:
DWG. ISSUED: 10/15/2019
PRJ. MGR.: AL
PA / PC.: DA
DRAWN BY: DA
CHECKED BY: PP
DRAWING TITLE:
SPECIAL INSPECTIONS AND STRUCTURAL NOTES
DRAWING NO.: S0.1

BINDING EDGE

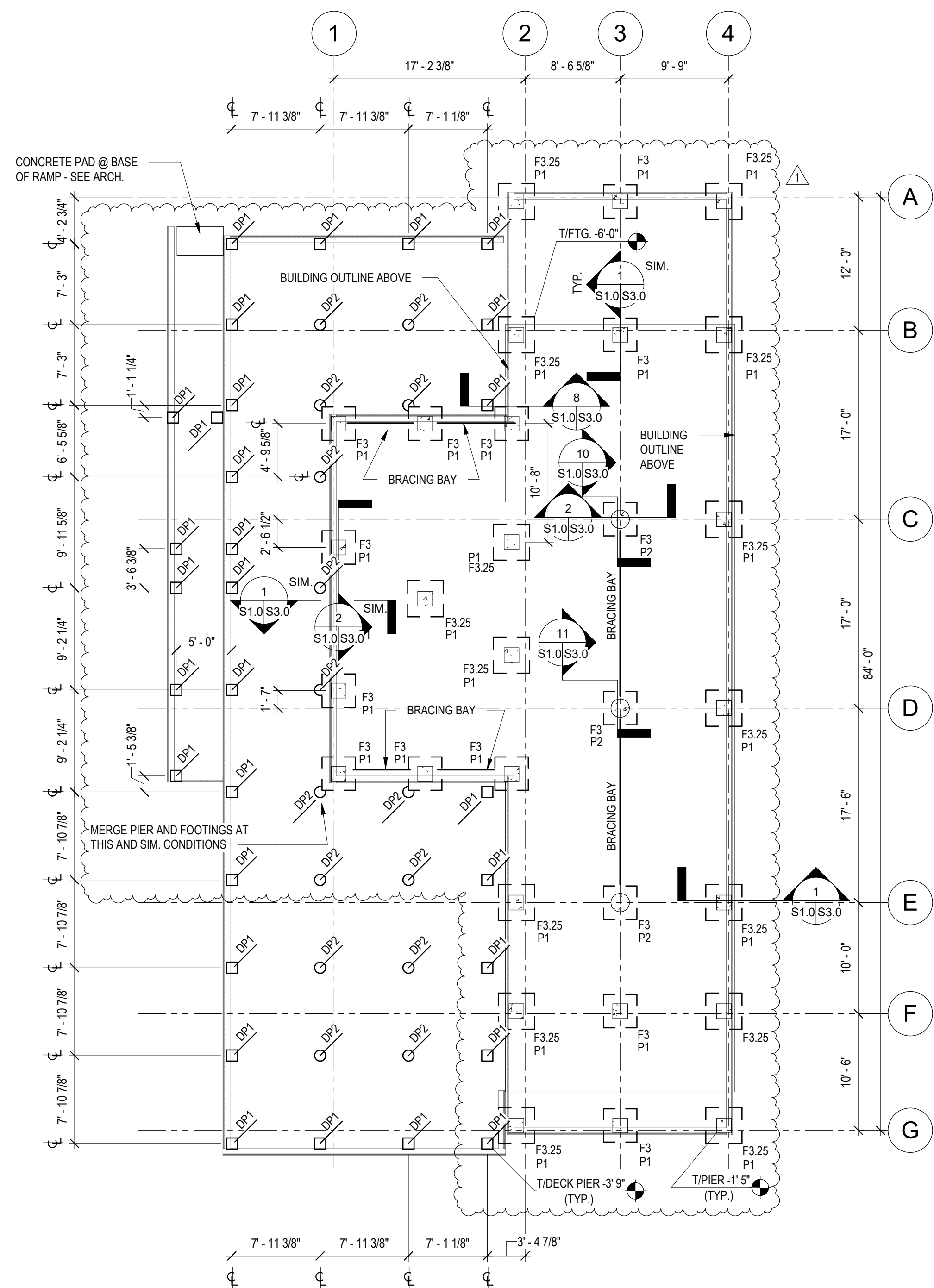
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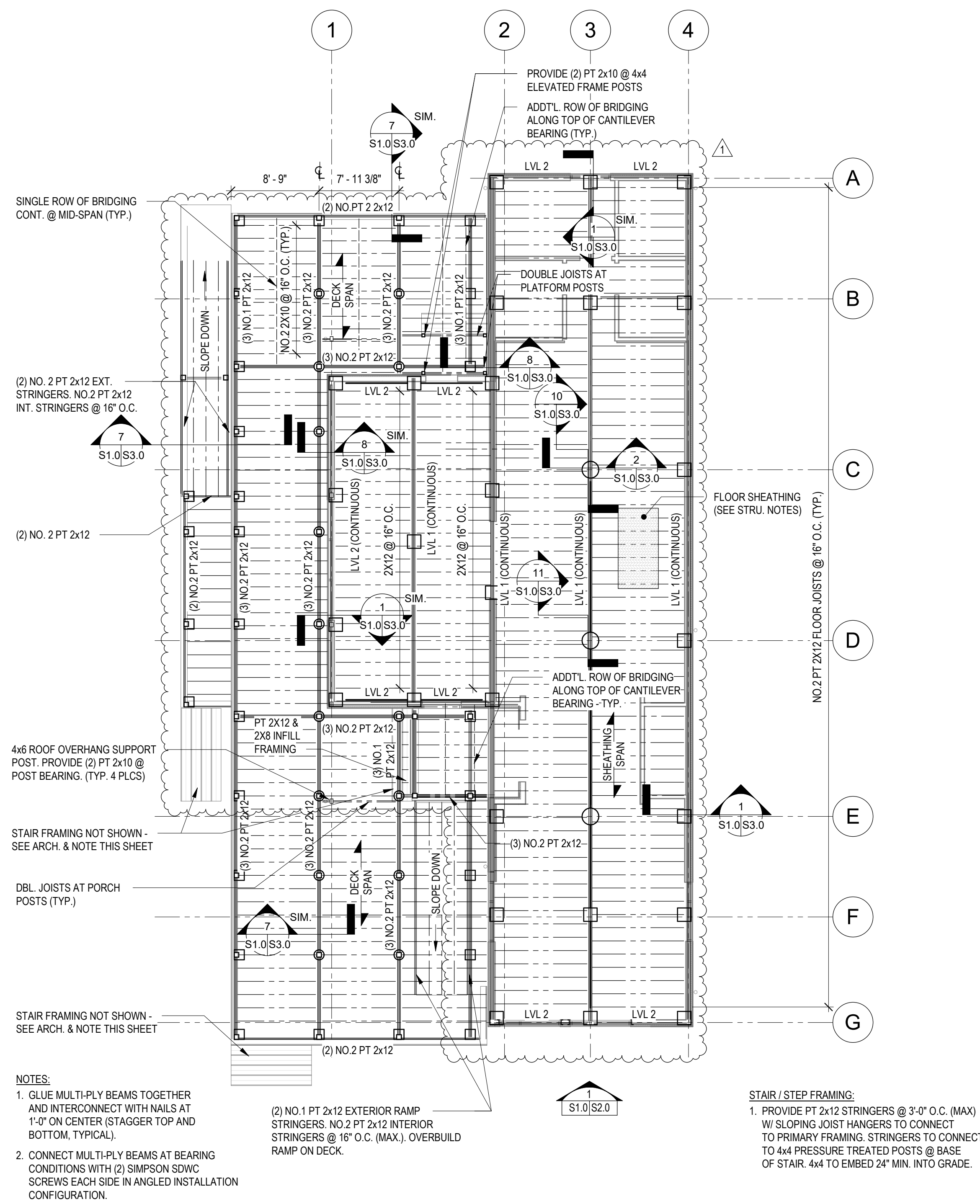
FOUNDATION PLAN

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

COLUMN FOUNDATION SCHEDULE				
MARK	PLAN SIZE		THICKNESS	REINFORCEMENT
	Width	Length		
F3	3'-0"	3'-0"	1'-0"	(4) #5 EW - BOT
F3.25	3'-3"	3'-3"	1'-0"	(4) #5 EW - BOT

DECK PIER SCHEDULE		
MARK	SIZE	REINFORCEMENT
DP1	12 IN. SQ.	(4) #6 VERTICAL
DP2	12 IN. DIA.	(4) #5 VERTICAL

CONCRETE PIER SCHEDULE		
MARK	SIZE	REINFORCEMENT
P1	16" x 16"	(8) #4 VERT DWLS & #3 TIES @ 12" O.C.
P2	20" DIA	(6) #5 VERT DWLS & #3 TIES @ 12" O.C.

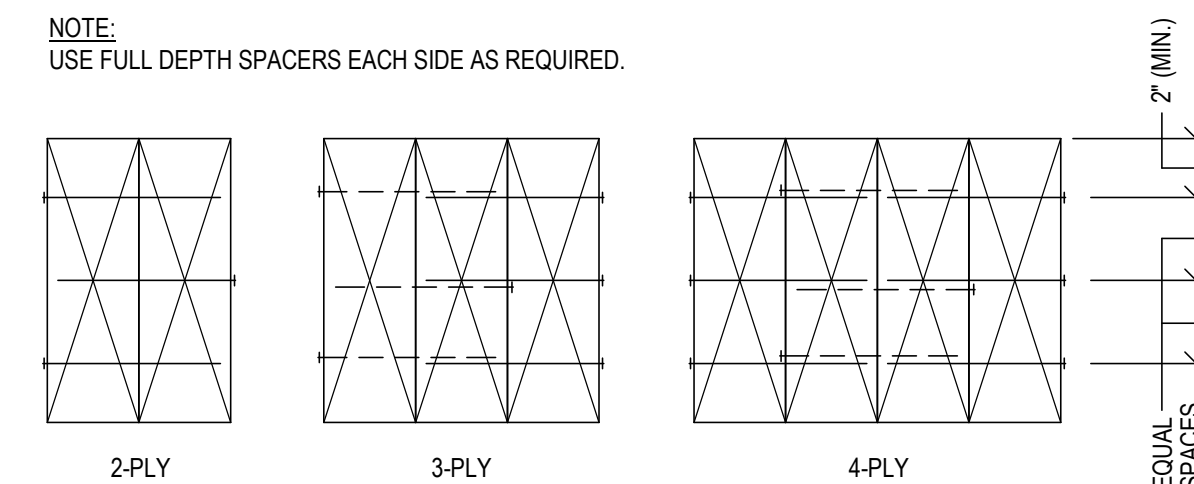


FLOOR FRAMING PLAN

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

LVL SCHEDULE			
MARK	CROSS-SECTION	QTY	SPEC
LVL 1	1-3/4" x 14"	3	2.0E - 2900Fb
LVL 2	1-3/4" x 14"	2	2.0E - 2900Fb

NOTE: INTERCONNECT PLYS PER TYP DETAILS.



LVL FASTENING REQUIREMENTS FOR MULTIPLE PLY MEMBERS

MINIMUM REQUIREMENTS - VERIFY COMPLIANCE W/ SUPPLIER RECOMMENDATIONS)

- FOR 12" DEEP (OR LESS) MEMBERS, NAIL PLYS TOGETHER WITH (2) ROWS OF 16d x 3 1/2" COMMON NAILS AT 12" ON CENTER (ADD 1 ROW FOR 16d SINKERS).
- FOR 14", 16" OR 18" DEEP MEMBERS, NAIL PLYS TOGETHER WITH (3) ROWS OF 16d x 3 1/2" COMMON NAILS AT 12" ON CENTER (ADD 1 ROW FOR 16d SINKERS).
- FOR 20", 22" OR 24" DEEP MEMBERS, NAIL PLYS TOGETHER WITH (4) ROWS OF 16d x 3 1/2" COMMON NAILS AT 12" ON CENTER (ADD 1 ROW FOR 16d SINKERS).

NOTE: SIMPSON SDS WOOD SCREWS MAY BE SUBSTITUTED FOR NAILS.

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SEAL

PROFESSIONAL ENGINEER

PRESTON T. PIONK
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10.15.19

Do NOT scale drawings, use given dimensions only.
Do NOT show, verify, correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions of job site.

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CODES OFFICIAL REVIEW

REVISION INFORMATION

NO.	Date	Description
1	4/30/20	REVISION 1

DRAWING INFORMATION

SCALE: As indicated

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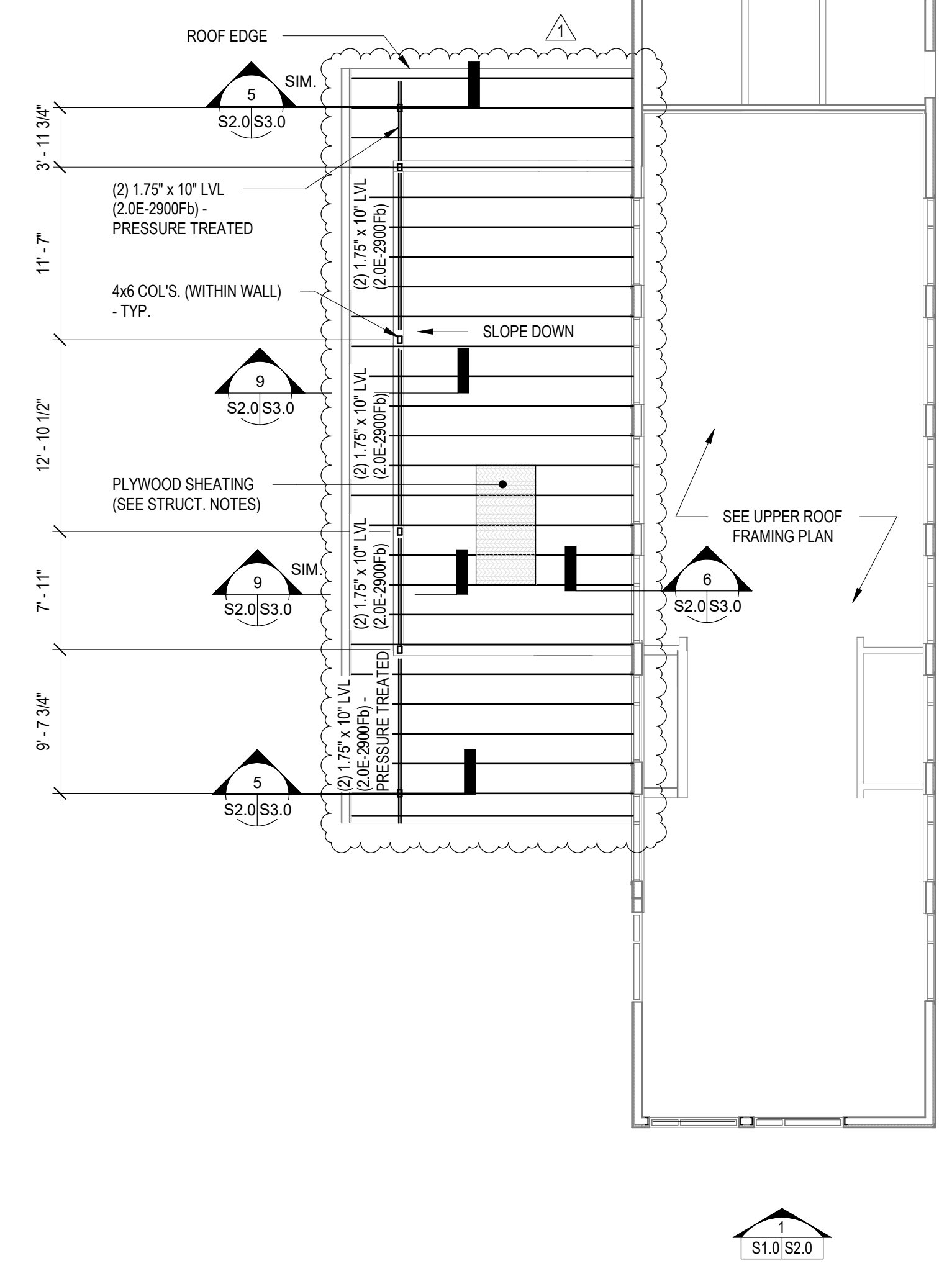
FOUNDATION & FLOOR FRAMING PLANS

DRAWING NO: **S1.0**

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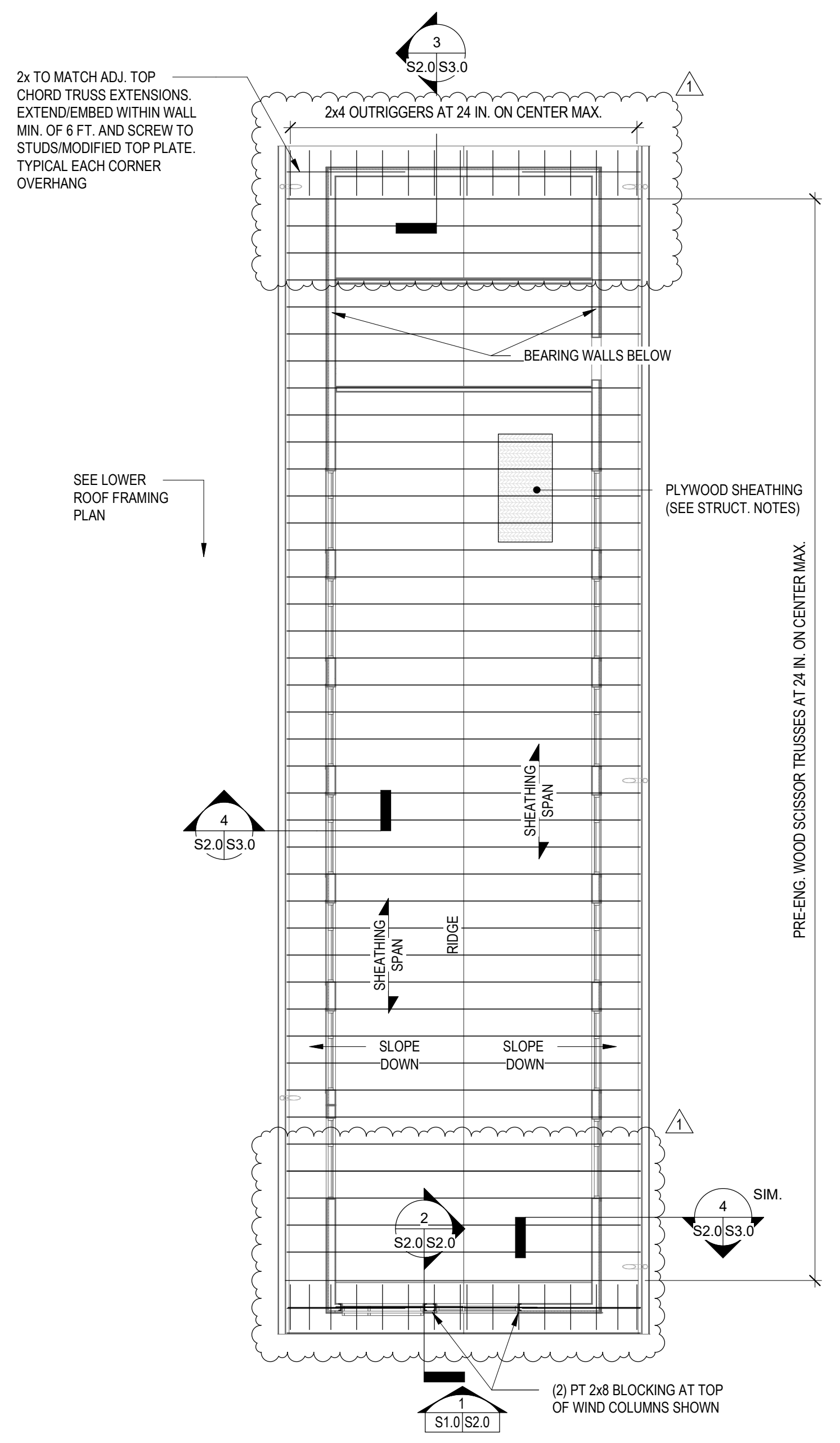
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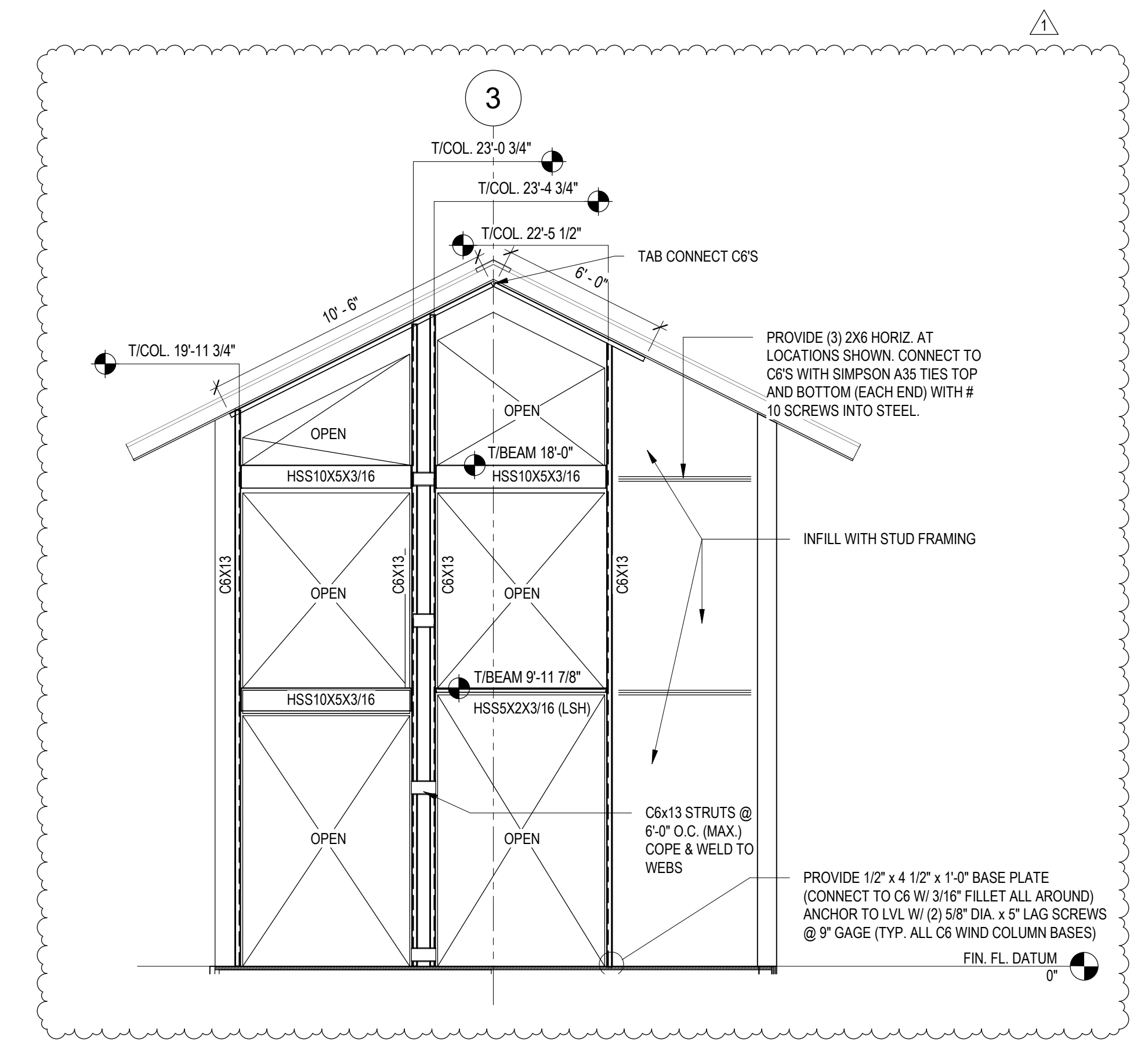
LOWER ROOF FRAMING PLAN

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



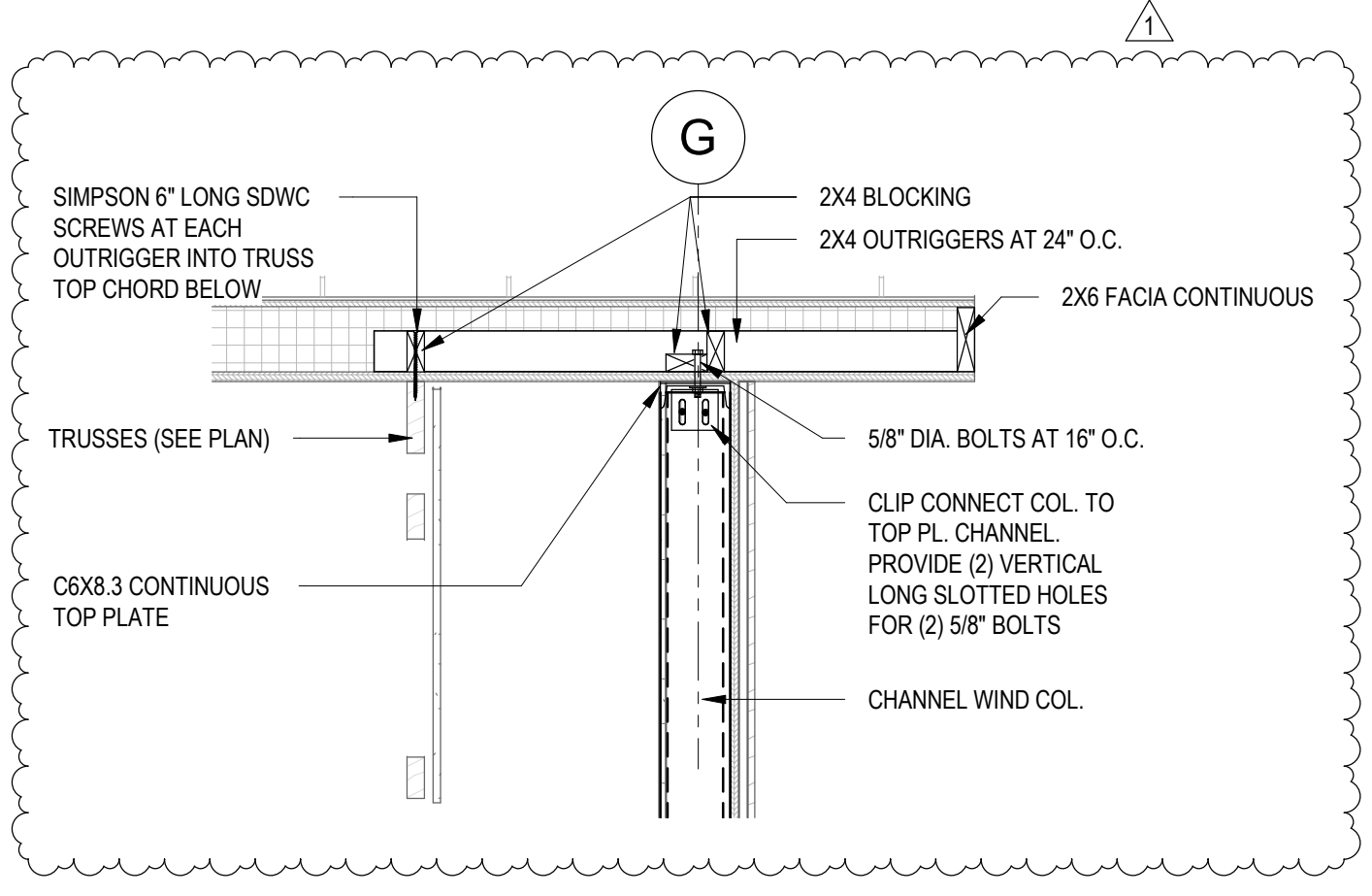
UPPER ROOF FRAMING PLAN

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



1 WINDOW ELEVATION

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



2 RAKE WITH C6

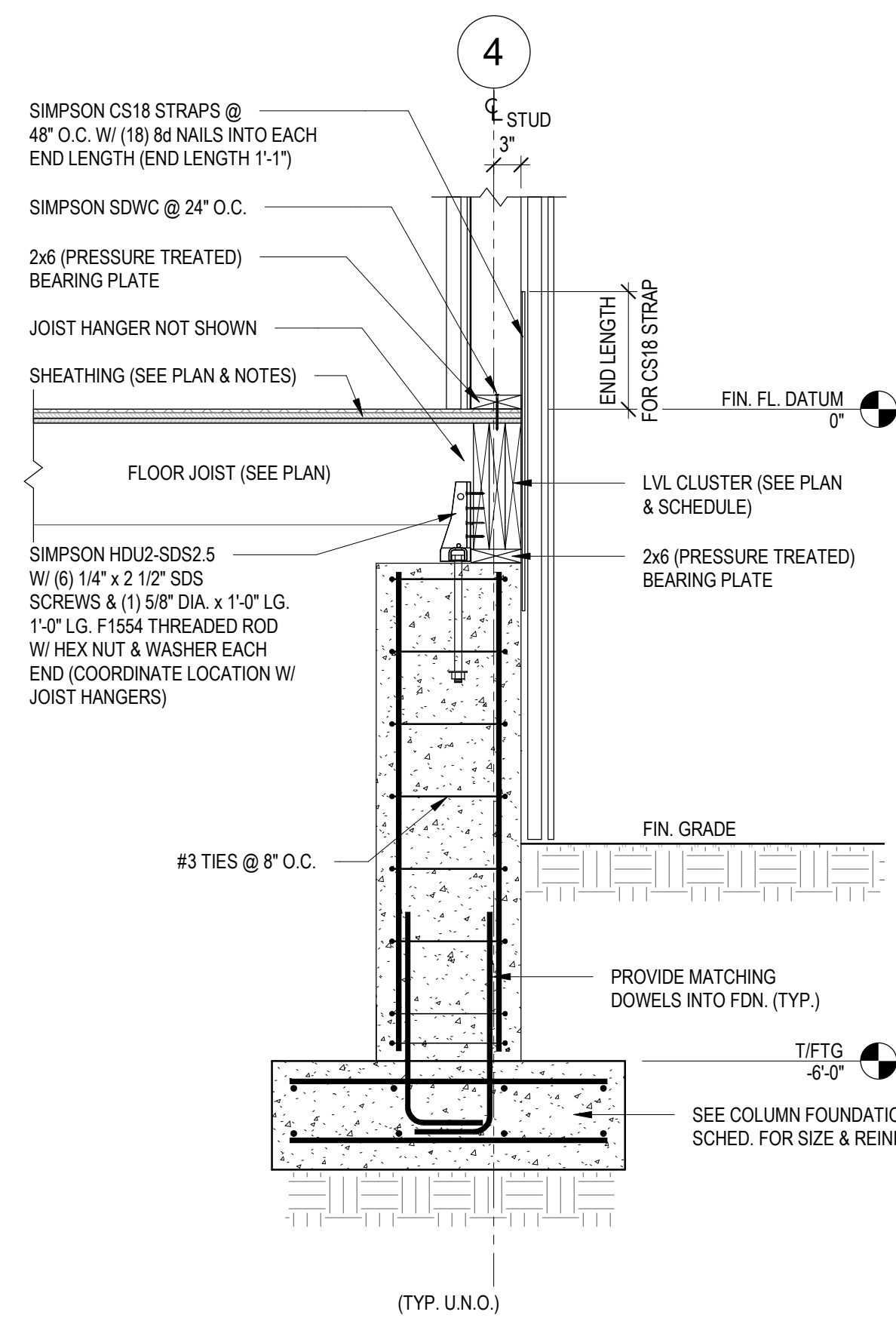
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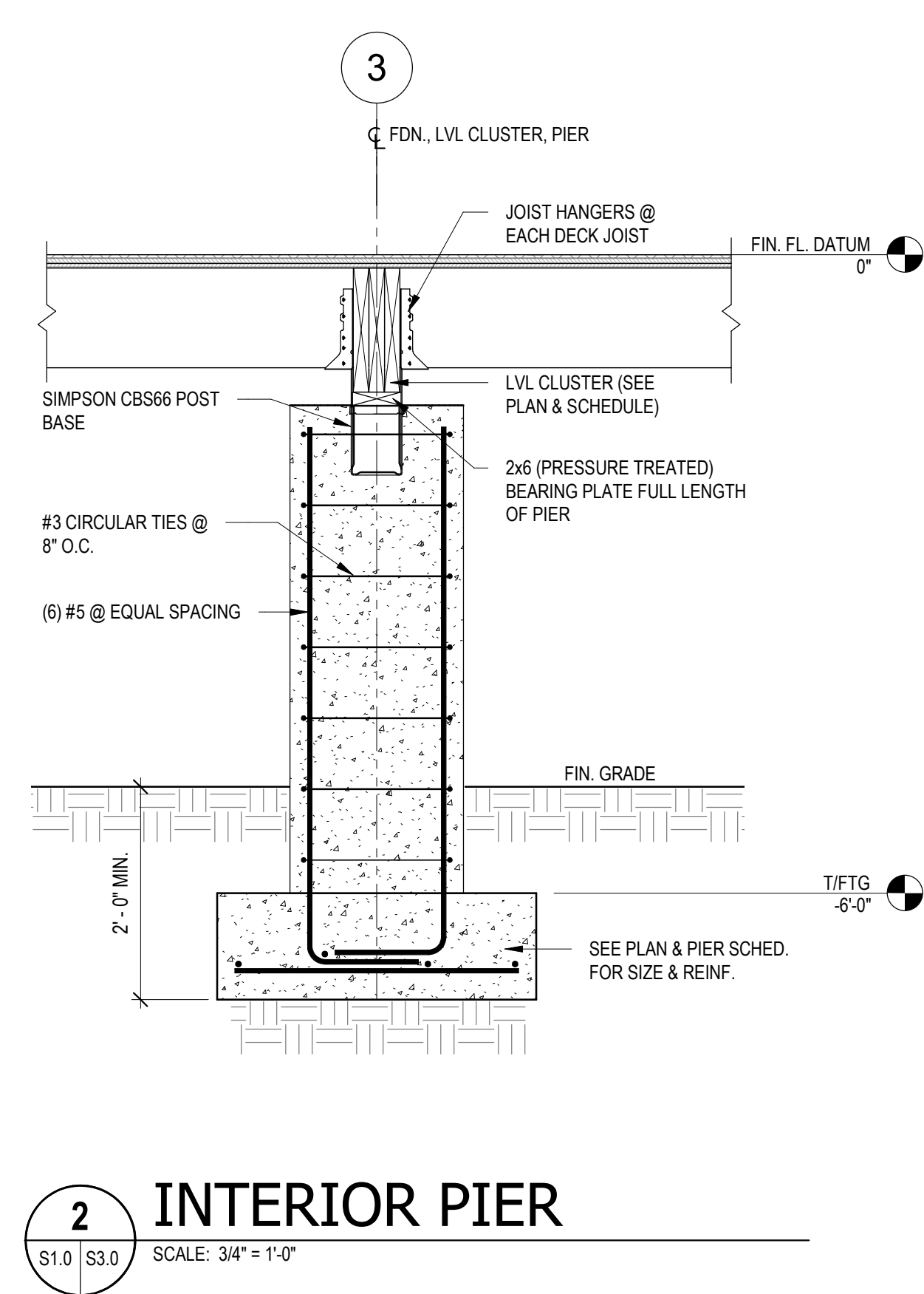
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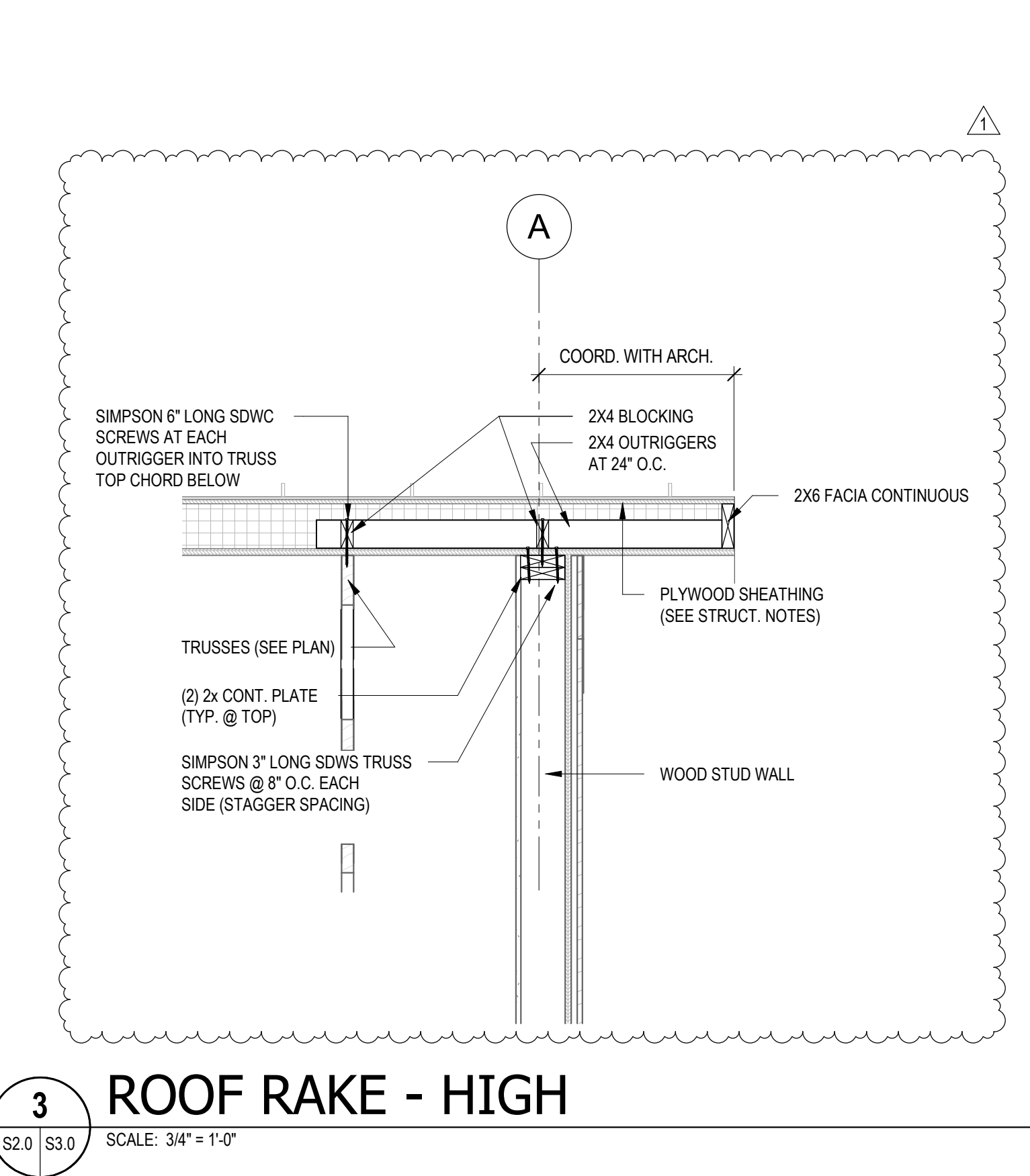
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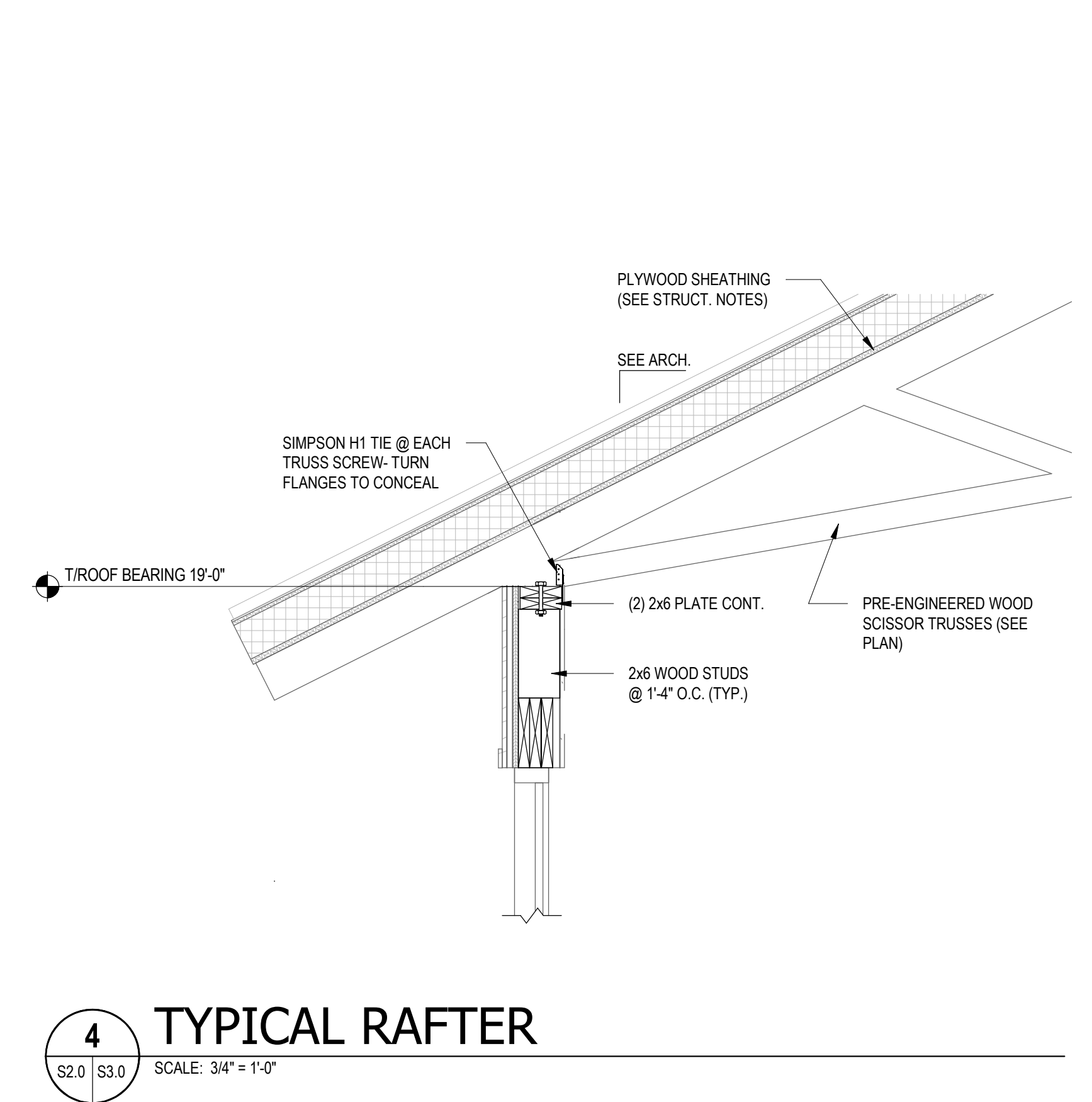
1 PERIMETER EDGE
S1.0 S3.0 SCALE: 3/4" = 1'-0"



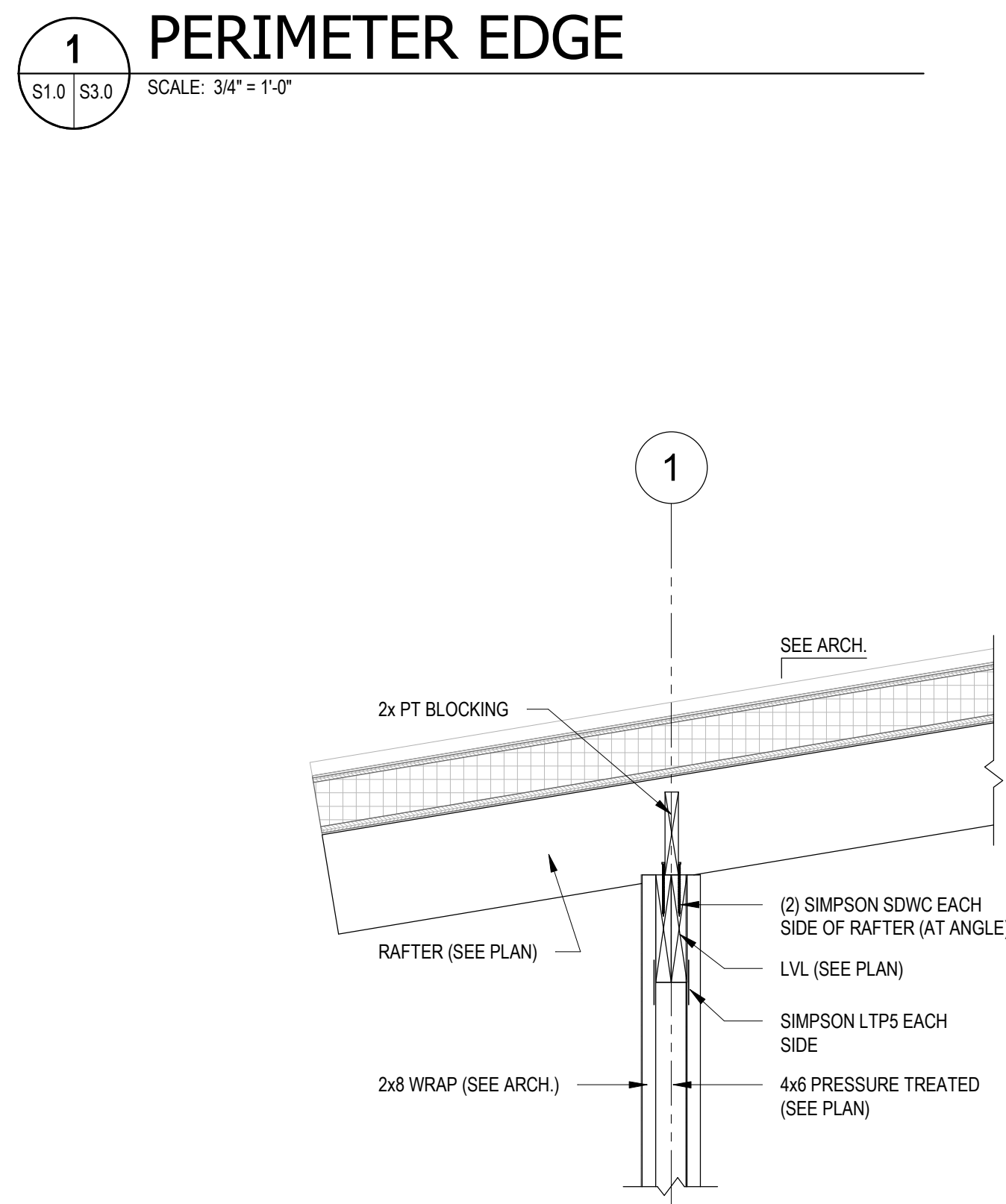
2 INTERIOR PIER
S2.0 S3.0 SCALE: 3/4" = 1'-0"



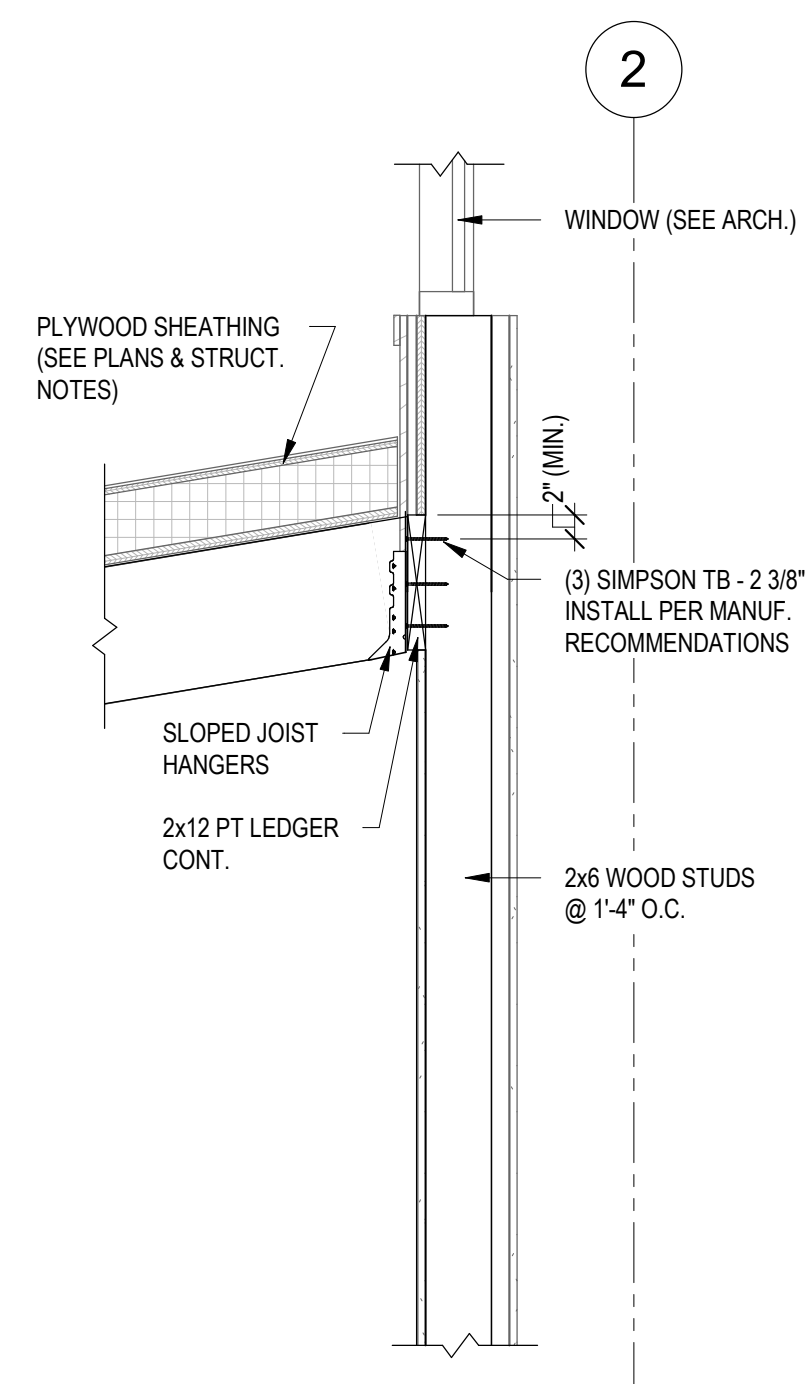
3 ROOF RAKE - HIGH
S2.0 S3.0 SCALE: 3/4" = 1'-0"



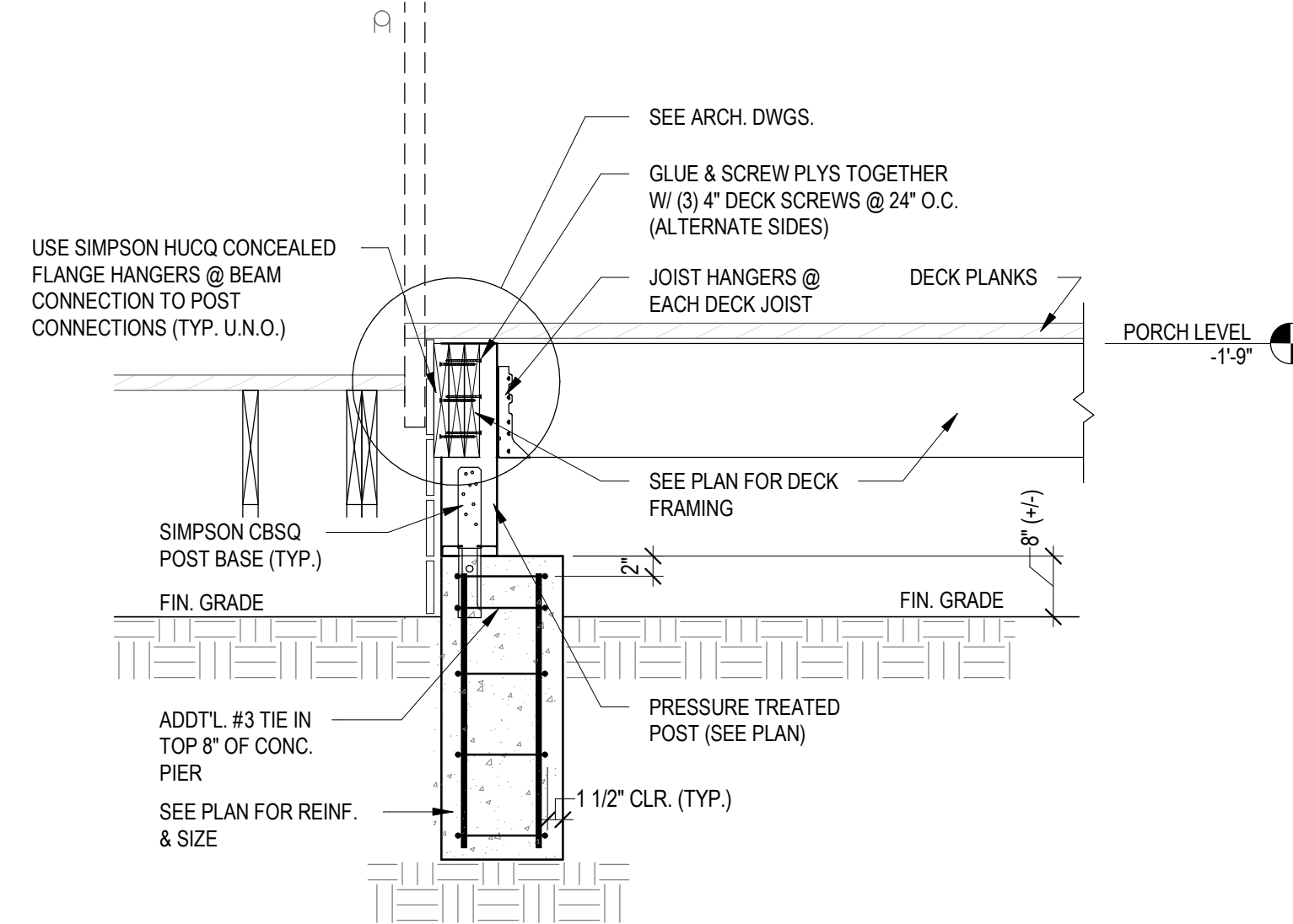
4 TYPICAL RAFTER
S2.0 S3.0 SCALE: 3/4" = 1'-0"



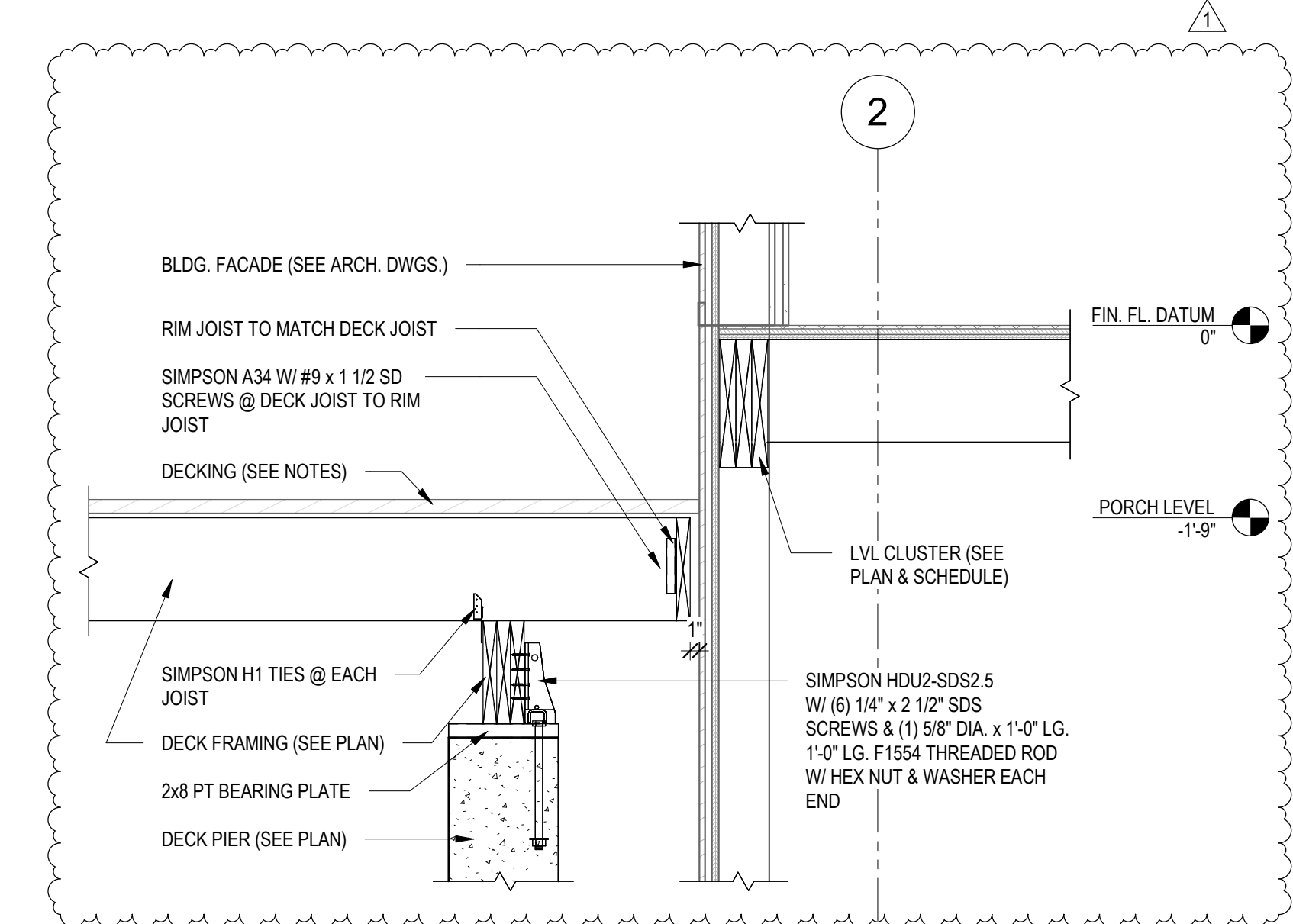
5 EXTERIOR COLUMN/RAFTER CONNECTION
S2.0 S3.0 SCALE: 3/4" = 1'-0"



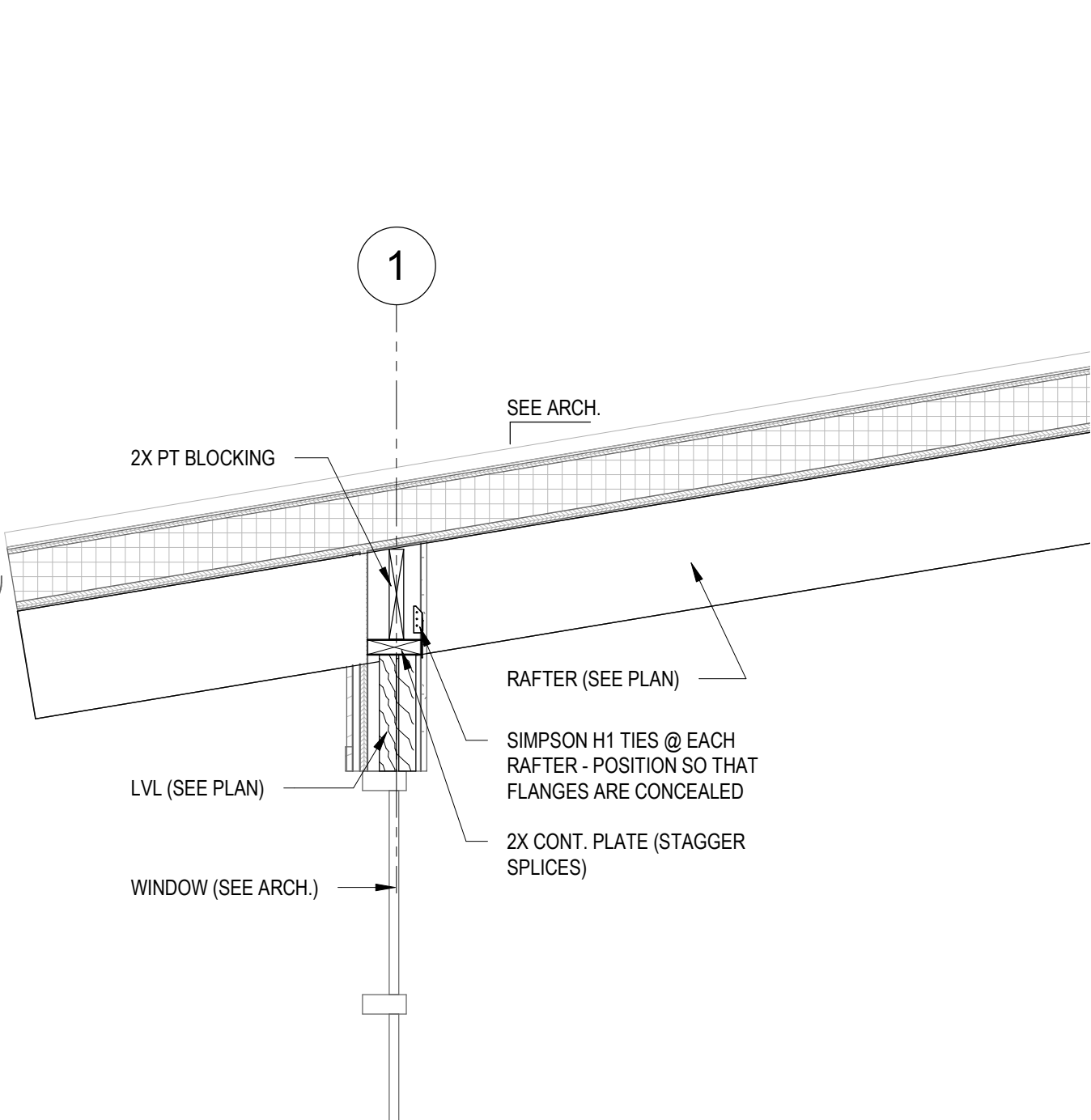
6 LEAN TO RAFTERS
S2.0 S3.0 SCALE: 3/4" = 1'-0"



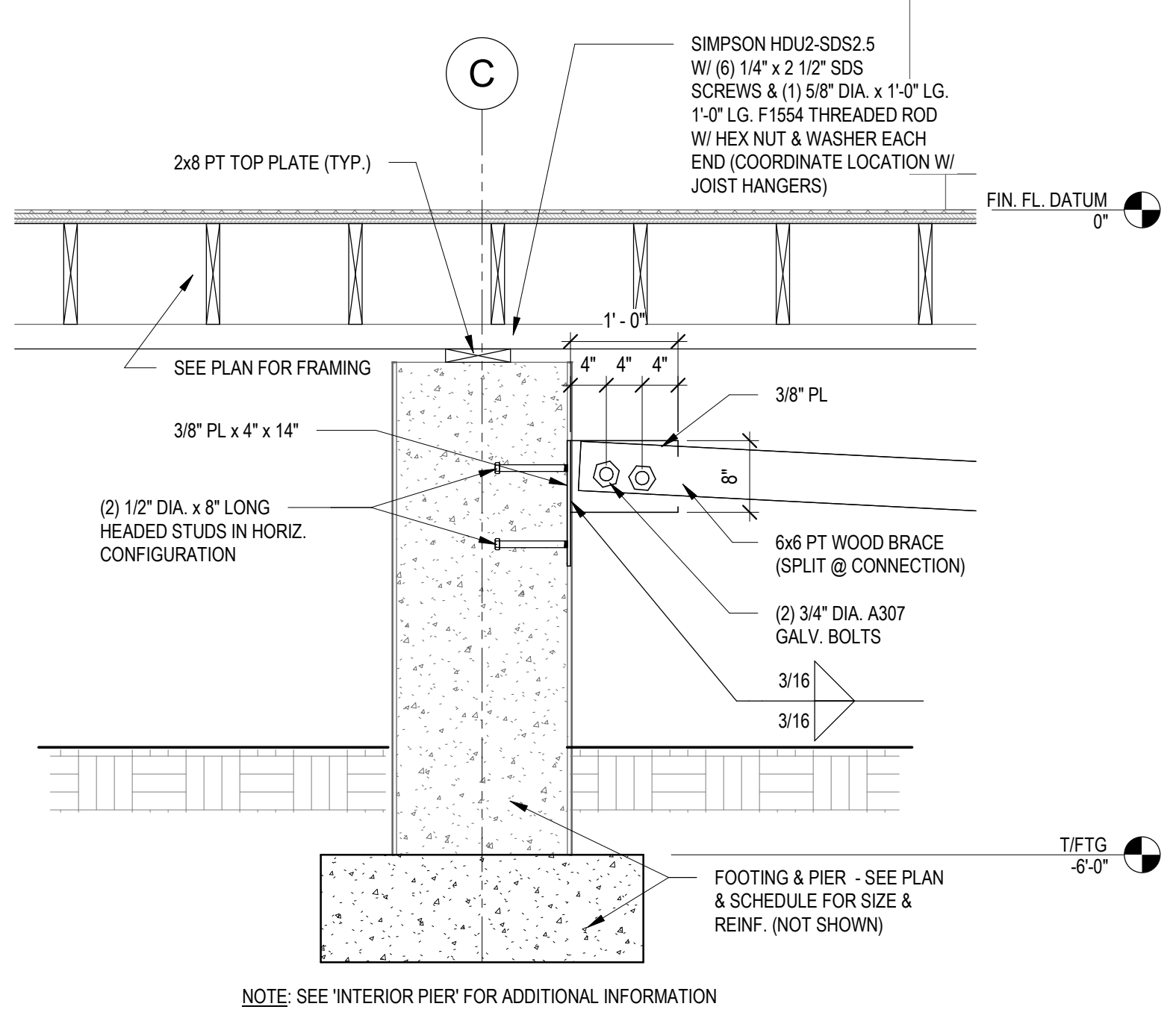
7 DECK POST BASE
S1.0 S3.0 SCALE: 3/4" = 1'-0"



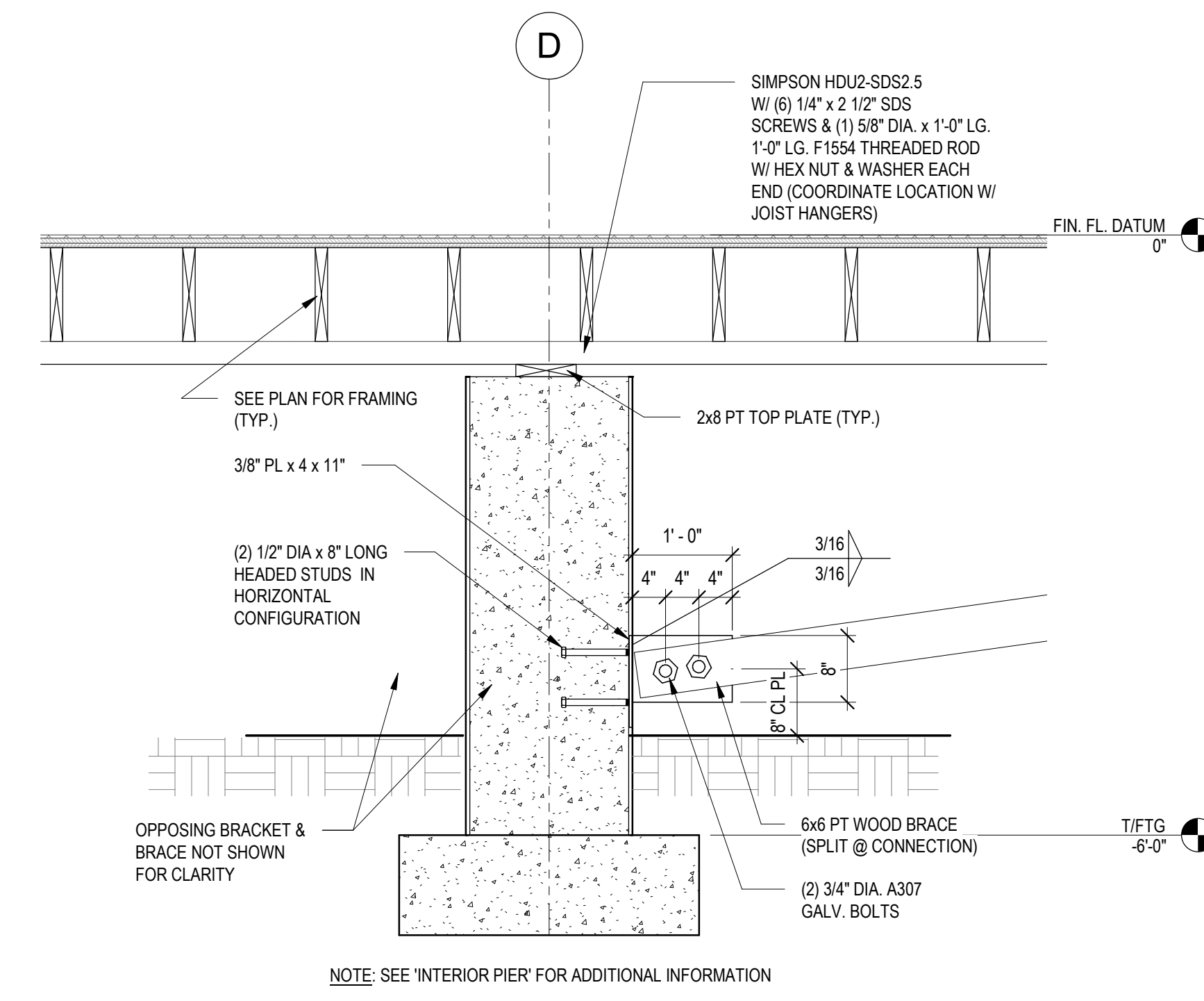
8 DECK AT CANTILEVER
S1.0 S3.0 SCALE: 3/4" = 1'-0"



9 RAFTER AT WINDOW CONDITION
S2.0 S3.0 SCALE: 3/4" = 1'-0"



10 BRACE TOP CONNECTION
S1.0 S3.0 SCALE: 3/4" = 1'-0"



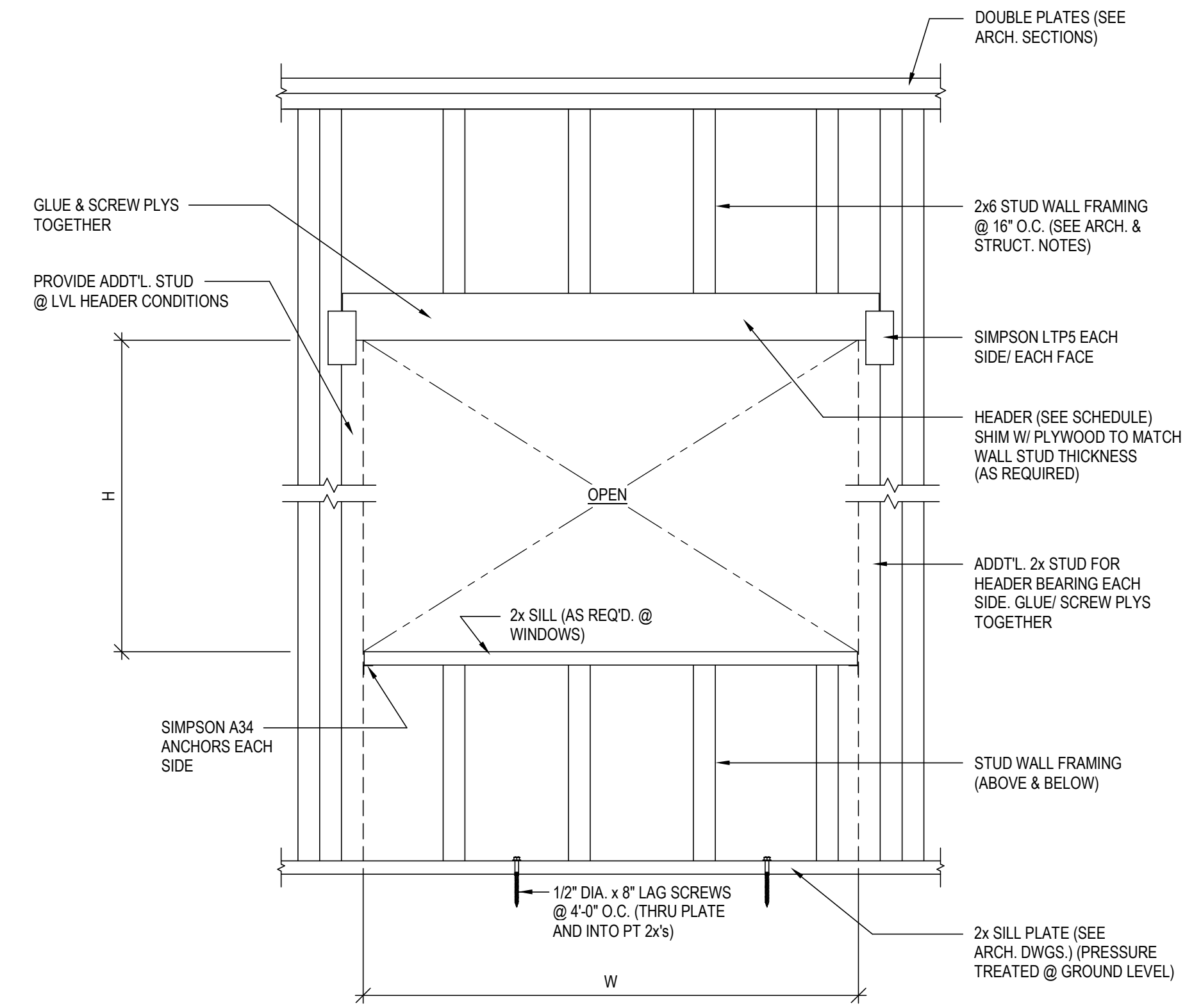
11 BRACE BOTTOM CONNECTION
S1.0 S3.0 SCALE: 3/4" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 5/6/2020 7:32:05 AM

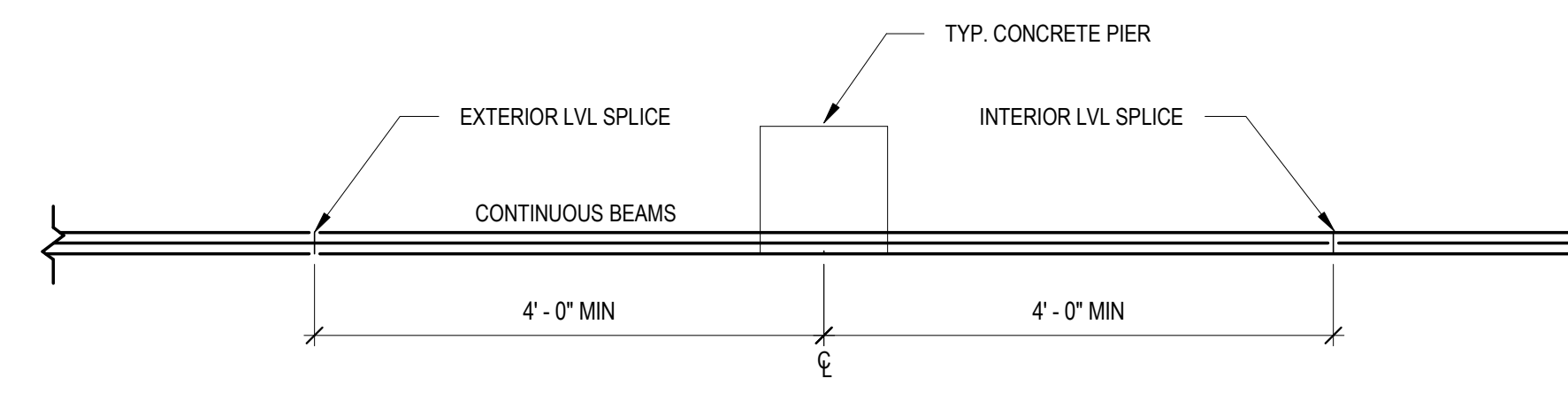


TYPICAL WOOD WALL OPENING DETAIL

N.T.S.
NOTE:
SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION.

BEARING WALL HEADER SCHEDULE				
W (MAX.)	H (MAX.)	HEADER	SPEC.	JACK STUDS
7'-6"	—	(3) 2x10	NO.2	2
4'-6"	—	(2) 2x10	NO.2	2
12'-0"	—	(3) 2x12	NO.2	2

WOOD CONNECTION SCHEDULE				
CONNECTOR TYPE	MEMBER SIZE	MANUFACTURER		
		SIMPSON	MITEK / USP	CLEVELAND STEEL SPECIALTY COMPANY
CONCEALED FLANGE JOIST HANGER	(2) 2x10	HUCQ210-2-SDS	HDQ210-2IF	
CONCEALED FLANGE JOIST HANGER	(3) 2x10	HUCQ210-3-SDS	HDQ210-3IF	
FRAMING ANGLE		A35	MPA1	FA-1,FA-2,FA-3
HURRICANE TIE	2x	H1	RT15	TA-6
JOIST HANGER	2x6	LUS28	JUS28	PH 28
JOIST HANGER	2x10	LUS210	JUS210	PH 210
JOIST HANGER	2x12 / 2x14	LUS210	JUS210	PH 210
MUDSILL ANCHOR		MASA	FA4	
POST BASE	6x6	CBSQ66-SDS2	CBSQ66-TZ	
POST BASE	4x4	ABW44Z / ABA44Z	PA44 / PA44E	ST44
POST CAP	6x6	BCS2-3/6	BCS2-6	
POST CAP	6x6	LPC6Z	PB66-6TZ	PC-66
RAFTER HANGER	2x8	LRU28Z	LS288	
TIE DOWN #1		H2.5A	RT7A	
TIE DOWN #2	2x	H4	RT4	TA-4
TIE DOWN #3	2x	HB / LTS12	RT8A	



TYPICAL SPLICE CONFIGURATION

N.T.S.
NOTE:
SEE PLAN AND SECTION FOR ADDITIONAL INFORMATION.

**MCCARTY
HOLSAPLE
MCCARTY
MHM**
ARCHITECTS
& INTERIOR
DESIGNERS

17063

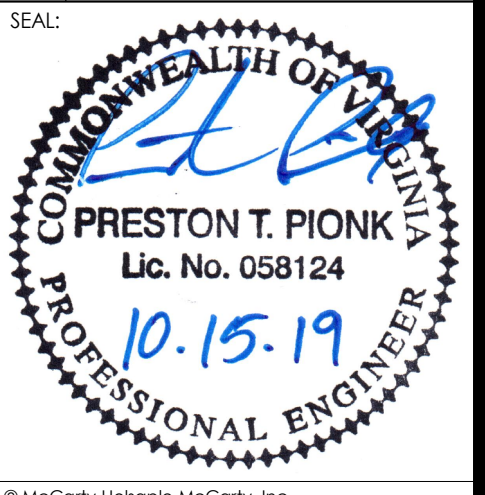
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PROJECT INFORMATION
CONTRACT: SBC-000000000000000

DAMASCUS TRAIL CENTER

223 W Laurel Ave. Damascus, VA
DAMASCUS, VIRGINIA 24236

ACTIVE DESIGN PHASE
 SCHEMATIC DESIGN
 DESIGN DEVELOPMENT
 REDL-CHECK
 CONSTRUCTION DOCUMENTS
 CONSTRUCTION BIDDING PHASE
 CONSTRUCTION ADMINISTRATION



Do NOT scale drawings, use given dimensions only. Final drawings, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions of job site.

CONSULTANT INFORMATION
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ENGINEERING, LLC
what we do matters
DUNMORE, PA 15226
100 SOUTH BICH ST. MARION, VA 24364 276.762.9977

CODES OFFICIAL REVIEW

REVISION INFORMATION

NO.	DATE	DESCRIPTION

DRAWING INFORMATION
 SCALE: 3/4" = 1'-0"
 SCALE GUIDE:
 DWG. ISSUED: 10/15/2019
 FR./MGR.: AL
 PA./PC.:
 DRAWN BY: JCL / DA
 CHECKED BY: PP
 DRAWING TITLE:

TYPICAL DETAILS

DRAWING NO: **S5.0**

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 2/23/2018 8:46:17 AM

INSULATION PROVISIONS

RELATED DOCUMENTS: Drawings and general provisions of contract, including General Conditions and General Requirement sections, apply to work of this Section.

SCOPE - INSULATION SYSTEMS: Furnish and install all labor, materials and equipment shown on the mechanical drawings and as specified herein, including all items and specialties required, whether specified or not, for complete systems of pipe insulation. External ductwork insulation specified in other sections of this DIVISION are not a part of this section and will be furnished and installed under other sections of this DIVISION. In general, the insulation work consists of the following work:

- 1. Domestic Water Systems. (All existing & new of this suite.)

INSULATION - HOT AND COLD PIPING: Install molded fiberglass insulation with vapor-barrier jacket and butted solidly together with joints and seams staggered. Cover fittings with molded insulation sections. For hot piping, seal joints and flaps with Logtane and cover fittings with 8 oz. canvas jacket over Logtane sealer and sealed on with Logtane, sealing off insulation ends with jacket and Logtane. For cold piping, seal joints and flaps with adhesive, sealing off insulation ends with mastic. Cover insulated fittings with 0.007" thick aluminum foil section on with adhesive and cover with 8 oz. canvas jacket and coat of mastic. Fitting covers equal to one piece PVC "Zeston" covers shall be used.

Install Insulation thickness on piping as follows:
1. Domestic Water Systems..... 1/2"
except in attic spaces which shall be 1".

Equal materials, mastic, adhesives, and sealers made by Manville, Gualfin-Bacon, Foster, Armstrong and PPG Industries are acceptable when labeled and/or listed. Adhesives, mastic and insulation materials used shall be Underwriter's labeled and/or listed for a maximum rating of 25 for flame and 50 for smoke.

INSTALLATION - INSULATION SYSTEMS: Install this work using mechanics experienced in the trade. Systems shall be completely erected and tested and all surfaces shall be clean and dry prior to application of insulation. For insulation, install saddles between support and insulation at all piping support points equal to Fee & Mason, Figure 171, for hot piping and minimum 20 gage galvanized steel saddles 18" long for cold piping. Install rigid insulation sections in cold piping insulation at saddles, sealing the rigid section to the run of insulation. Install insulation continuous through steels or core drilled holes for cold piping. Stapling of pipe insulation on cold water is not acceptable unless all staples are vapor sealed with mastic to the Engineer's satisfaction. No duct tape will be allowed on any insulation system. A continuous vapor barrier seal will be required on all cold water systems. Failure to maintain this barrier will not be allowed.

END OF SECTION

ELECTRICAL PROVISIONS

RELATED DOCUMENTS: Drawings and General Provisions of Contract, including General Conditions and Division 1 General Requirement Sections, apply to work of this section.

DESCRIPTION OF WORK: Furnish and install all labor, materials, and equipment shown on the drawings and specified herein, including all items and specifications required, whether specified or not, for complete working systems. In general, the Electrical Work consists of the following:

- 1. Secondary distribution with connections as detailed.
2. Wiring and equipment for lighting and power, together with lighting fixtures and devices.
3. Wiring and connecting equipment of other trades.
4. Power service shall be 1 phase 3 wire 120/240 volts.

CONNECTION TO OTHER SPECIFICATION WORK: Under this work division, furnish and install all labor and materials, together with the required switches, for connecting power to heating, air conditioning and ventilation, plumbing, and Owner-supplied equipment.

SECONDARY WIRE AND CABLE: Except as noted, install minimum #12 AWG 600-volt copper Type THHN/THWN or as noted on the drawings. Install solid conductors for #10 size and smaller. No aluminum wire will be allowed. #8 wire and larger shall be stranded copper. Although not necessarily shown, provide a complete ground throughout bonded and grounded as per NEC.

BOXES, CABINETS, SUPPORTS AND SPECIALTIES: Install of galvanized malleable steel alloy. Install cabinets with gray baked finish on exposed surfaces and removable trim with hinged doors and flush locks, all keyed alike. Install boxes underground, for exterior outlets and as required by the National Electric Code with threaded cast hubs and gasketed covers attached with screws. Pressed boxes will not be allowed. Unless noted otherwise, install other switches, receptacles, and lighting outlets of pressed steel box with proper cover and size and with ears and studs where required. Ceiling outlet boxes shall be minimum 4" octagon 2-1/8" deep and with extension rings where additional volume is required. Single gang wall boxes shall be minimum 4" high X 2-1/8" wide X 2-1/8" deep except boxes in masonry shall be 2-1/4" deep. Boxes shall be equal long Steel City, Appleton or Race. Use solid gang box for two gangs or more.

PANELBOARD & BREAKERS: Install safety dead front breaker type, surface mounting as required and shown. All breakers shall-move and quick-break with trip free handles. Thermal-magnetic trip. Two /three pole breakers shall have a common trip. All breakers ambient compensated and all interiors with integrated capacity busing. All branch breaker handles shall operate in the same plane. Furnish all spare breakers. All N.V.A.C. equipment breakers shall be N.A.C.E. rated. See the plans for schedules indicating number of branch circuits, ratings, arrangements, etc. Provide neutral bars for all 3 phase system feeders isolated from the panel box. Provide separate "ground" bars installed with lugs or connectors on the bar grounded to the panel box. Bus bars shall be of sequence phase type arranged for the specified service. All circuits shown as common neutral shall be installed as per N.E.C.

SAFETY SWITCHES: Install safety switches of general duty rating, and with dual element, flame tag, cartridge type fuses. Except as noted, install all units with general purpose enclosures inside or NEMA 3R outside. Furnish owner with 1 set of spare fuses in addition to all required fuses.

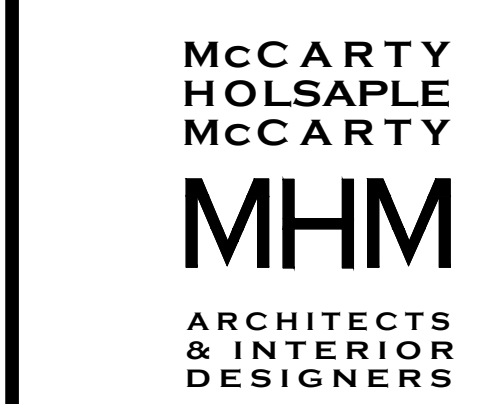
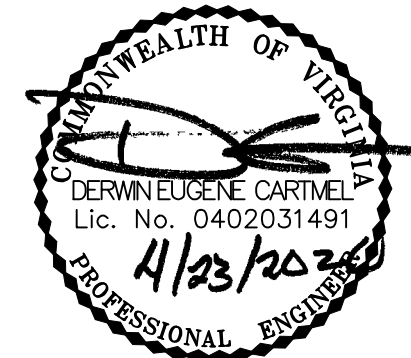
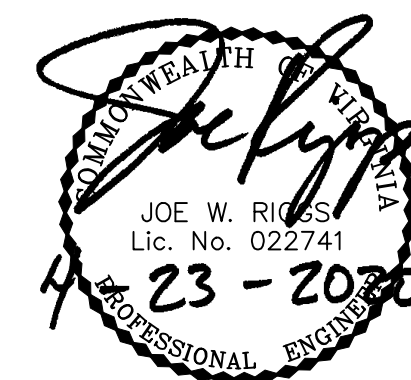
LIGHTING FIXTURES: Install according to schedule and complete with lamps and any hangers, plaster frames and other accessories. Verify ceiling systems for recessed fixture trim. Coordinate fixtures with owner.

INSTALLATION: Install gear with operating handles maximum 6'-feet from floor and trims in line. Provide completed directory for panelboards. Close any conduit runs during construction. Apply waterproofing compound to joints in rigid conduit runs. Install fittings and supports of same material and finish as conduit. Support raceways with brackets, hangers, or other approved devices. Use no perforated strap or wire hangers. Install pull boxes or points for maximum 200' run and 3 quarter bends in wiring conduit runs and 100' of run and 2 quarter bends in signal and communications conduit runs. Install long sweep elbows in signal and communications conduit runs. Except for terminations in threaded hubs, lock conduit in place with proper fittings and install bushings. Leave bare copper pull wires in all empty conduit runs. Bond and ground all systems in accordance with N.E.C. As required or as shown on plans, install boxes and devices on surface or flush with building finish, with units rigidly fastened in place properly aligned. Box extensions may be used. Verify door swings prior to roughing for lighting switches. Install a plate for all devices, including blank plates over blank boxes, plates to be in continuous contact with building finish and not to support box. Pull wire only after areas are cleaned and pull with proper lubricants and continuous between boxes without splice. Make up splices in wire #10 or smaller with Ideal "Wing Nuts" and in larger wire with approved mechanical connectors and tape. After installation, megger electrical work for grounds and shorts and correct as required. All receptacles shall be installed with ground hole on top.

TESTING: In conjunction with his work, the Contractor shall do the following:

- 1. Check outlets for proper polarity and correct as required in accordance with N.E.C.
2. Megger all motor and solenoid windings before connection for insulation resistance and record readings. If found low, advise supplier so that steps may be taken to dry out insulation or otherwise raise insulation resistance to an acceptable value.
3. Check running currents of all motors and if there is any major unbalance or variation from rated, determine the cause.

END OF MECHANICAL & ELECTRICAL PROVISIONS



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PROJECT INFORMATION
CONTRACT: SRC-00000000000000

DAMASCUS TRAIL CENTER
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ACTIVE DESIGN PHASE
[] SCHEMATIC DESIGN
[] DESIGN DEVELOPMENT
[] RED-CHECK
[] CONSTRUCTION DOCUMENTS
[] CONSTRUCTION BIDDING PHASE
[] CONSTRUCTION ADMINISTRATION

CONSULTANT INFORMATION
McCarthy-Holtsapple-McCarty, Inc.
301 Main Street, Suite 300, Knoxville, TN 37902
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Contractor shall check and verify all dimensions and conditions prior to use.

CODES OFFICIAL REVIEW

LET PLAN

REVISION INFORMATION

Table with 3 columns: No., Date, Description

DRAWING INFORMATION
SCALE: 1/4" = 1'-0"
SCALE GUIDE:
DWG ISSUED: APRIL 23, 2020
PRJ MGR: Dave Collins
PA / PC: Jake Thomas
DRAWN BY: TRM
CHECKED BY: DEC/JWR

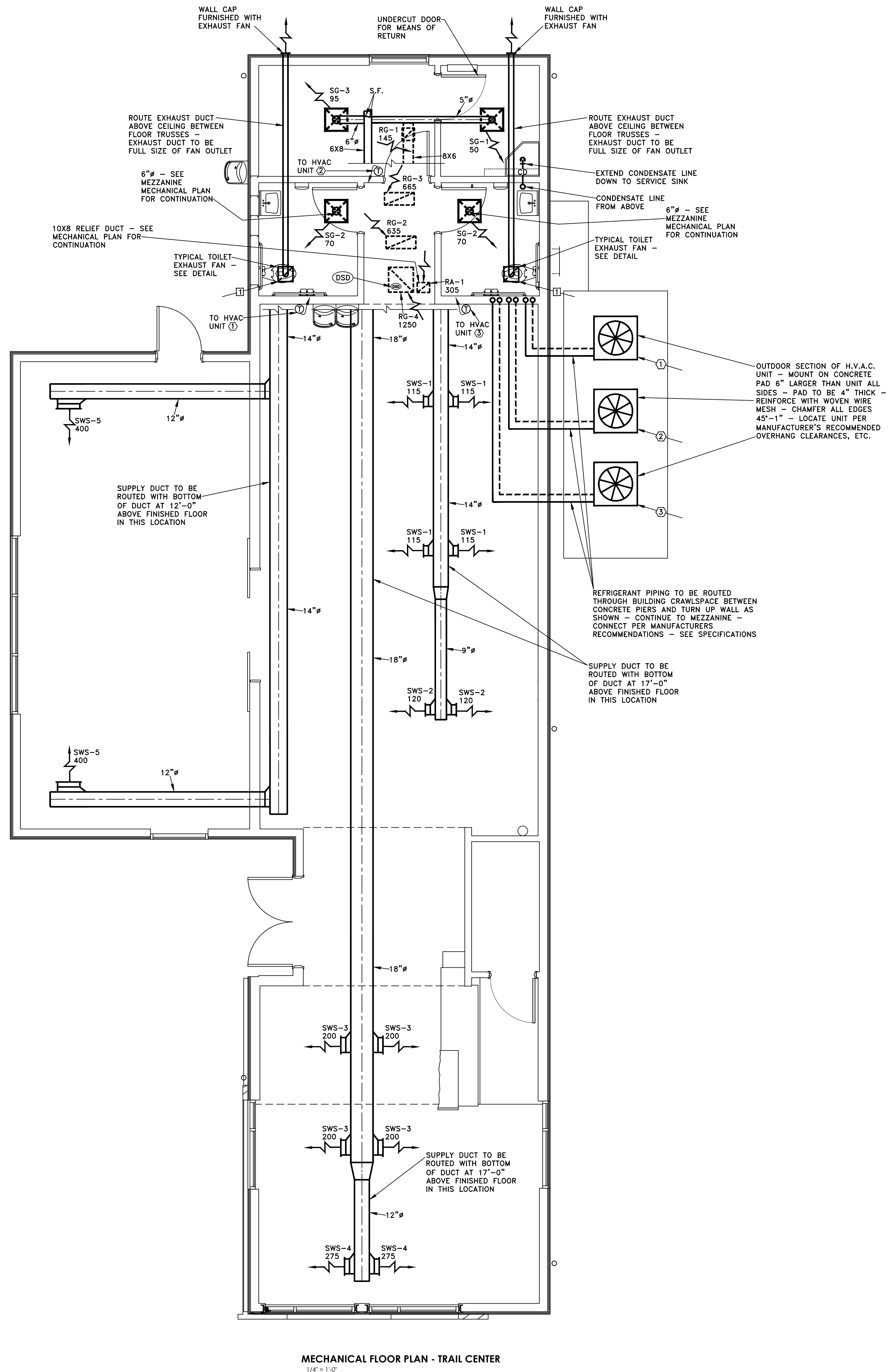
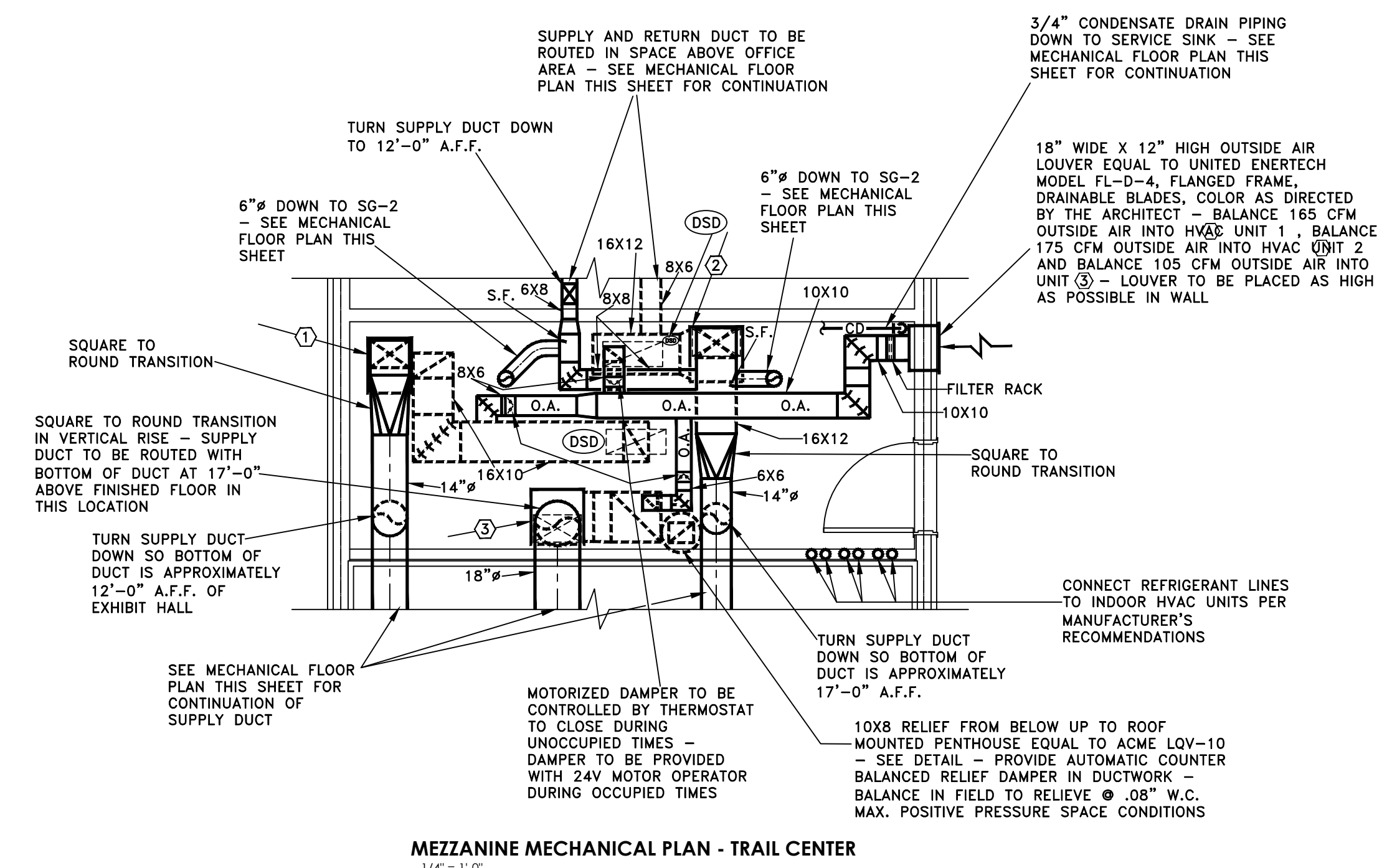
MECHANICAL, PLUMBING, & ELECTRICAL SPECIFICATIONS
DRAWING NO: MPE101

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PLOT DATE: 04/23/2020 HE PROJECT # 17-031

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MHM
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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

DAMASCUS TRAIL CENTER

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ACTIVE DESIGN PHASE

SCHEMATIC DESIGN

DESIGN DEVELOPMENT

RED-CHECK

CONSTRUCTION DOCUMENTS

CONSTRUCTION BIDDING PHASE

CONSTRUCTION ADMINISTRATION

SEAL:



DAMASCUS TRAIL CENTER

DATE: 04/23/2020

CONSULTANT INFORMATION

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LET PLAN:

REVISION INFORMATION

NO.	Date	Description

DRAWING INFORMATION

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

SCALE GUIDE:

DWG ISSUED: APRIL 23, 2020

PRJ MGR: Dave Collins

PA / PC: Jake Thomas

DRAWN BY: JAP

CHECKED BY: DEC

DRAWING TITLE:

MECHANICAL FLOOR PLANS

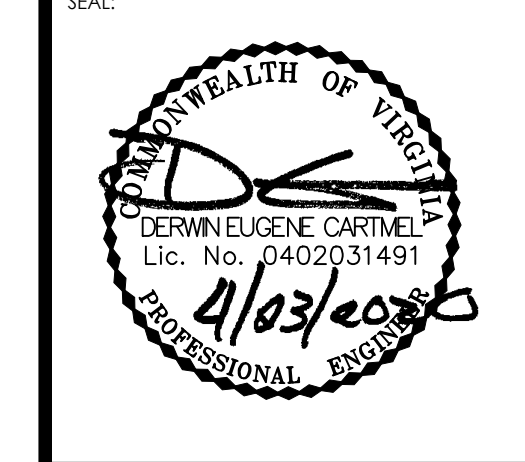
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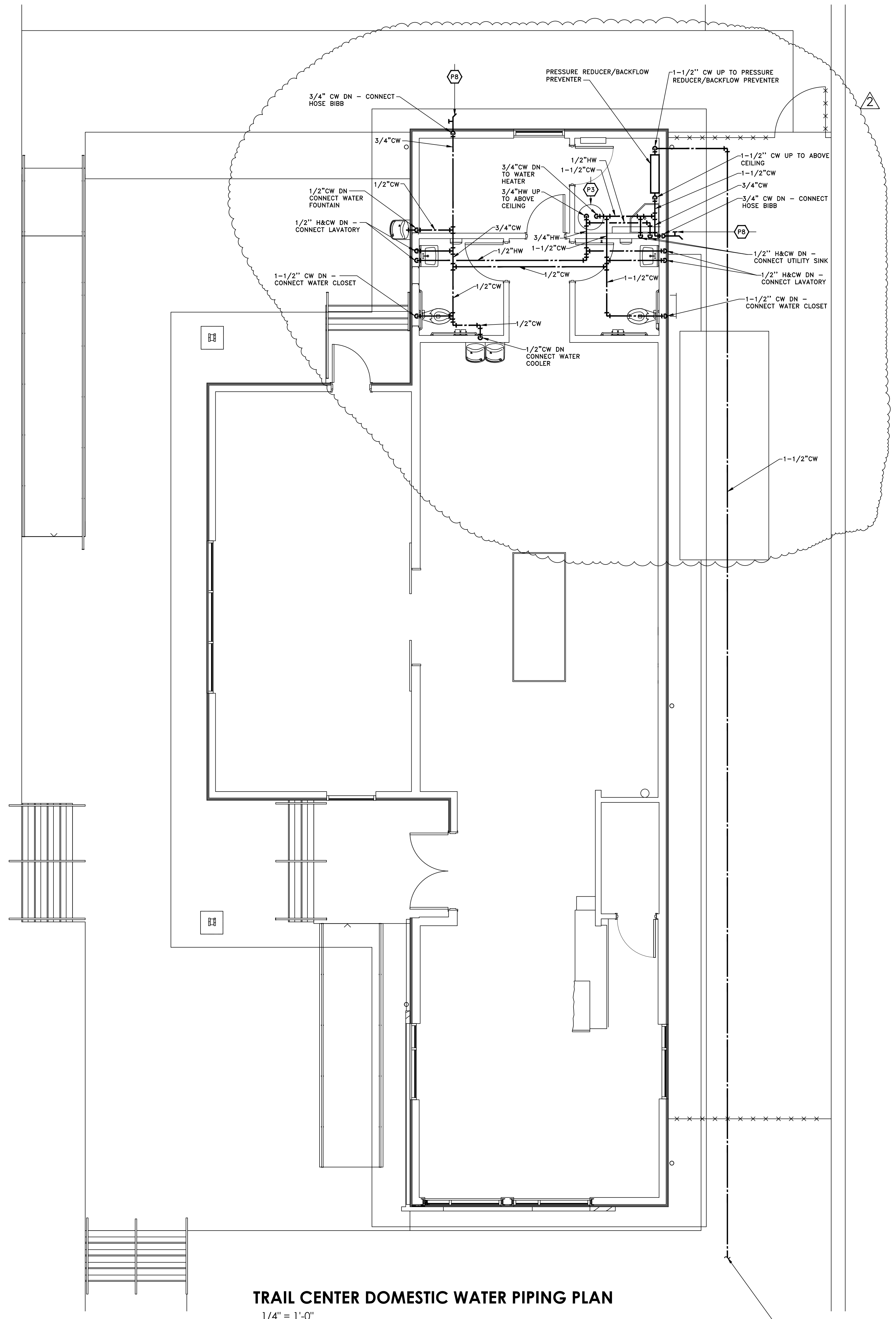
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REVISION INFORMATION

No.	Date	Description
1	7/27/18	MISC.
2	4/23/20	OWNER REQUESTED CHANGES

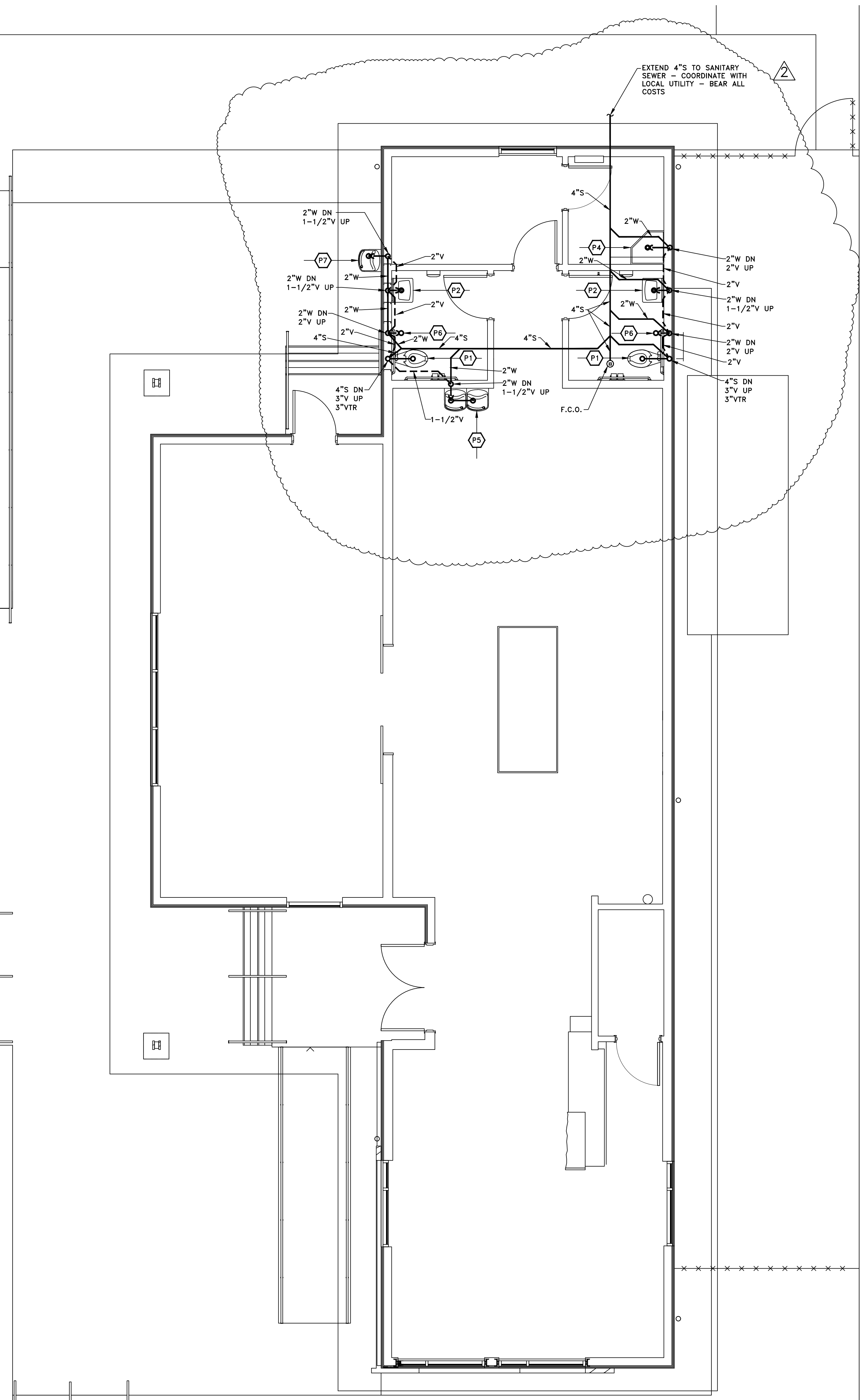
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SCALE GUIDE:	
DWG. ISSUED:	OCTOBER 15, 2019
PREPARED BY:	Dave Collins
PA / P.C.:	Jake Thomas
DRAWN BY:	WRH
CHECKED BY:	DEC
DRAWING TITLE:	



TRAIL CENTER DOMESTIC WATER PIPING PLAN
1/4" = 1'-0"

1-1/2" CW - CONNECT TO MAIN WITH WATER METER - COORDINATE WITH LOCAL UTILITY - BEAR ALL COSTS.

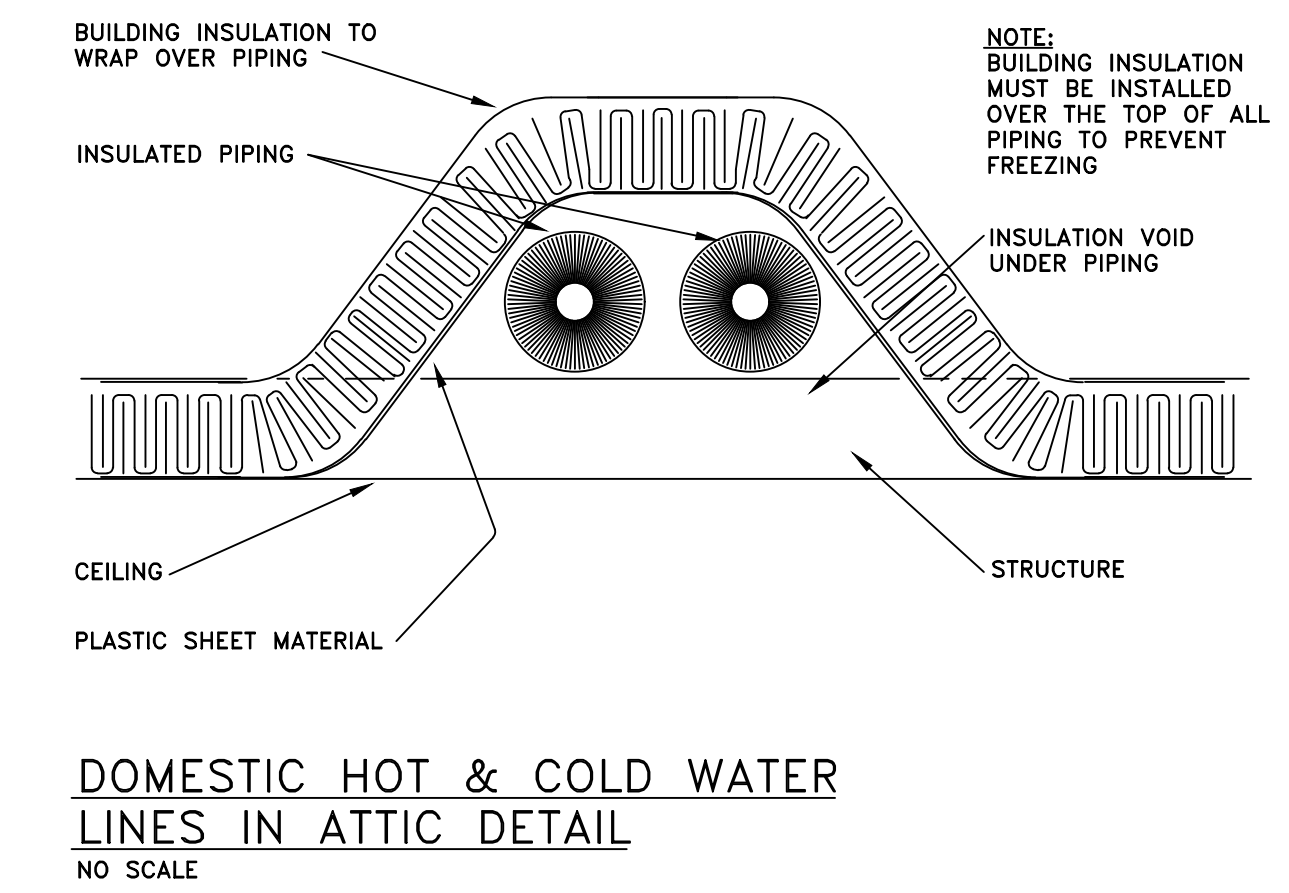
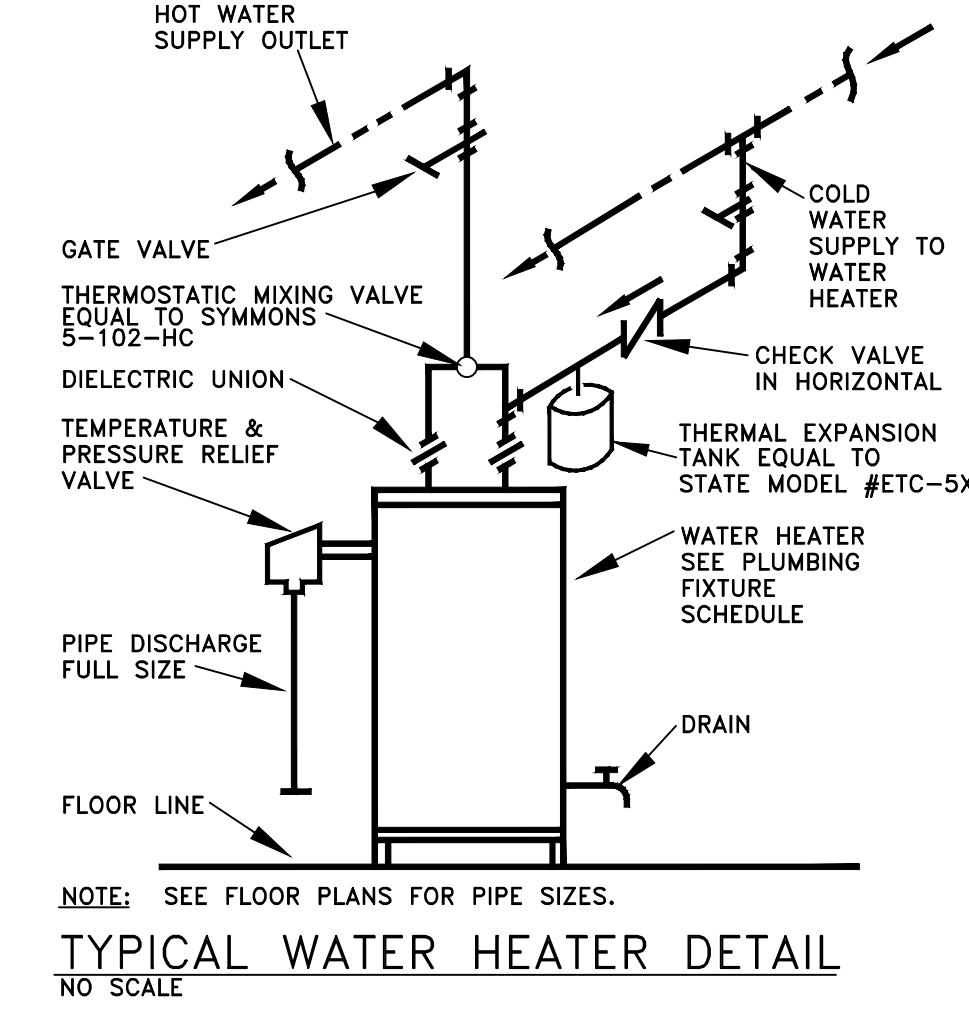
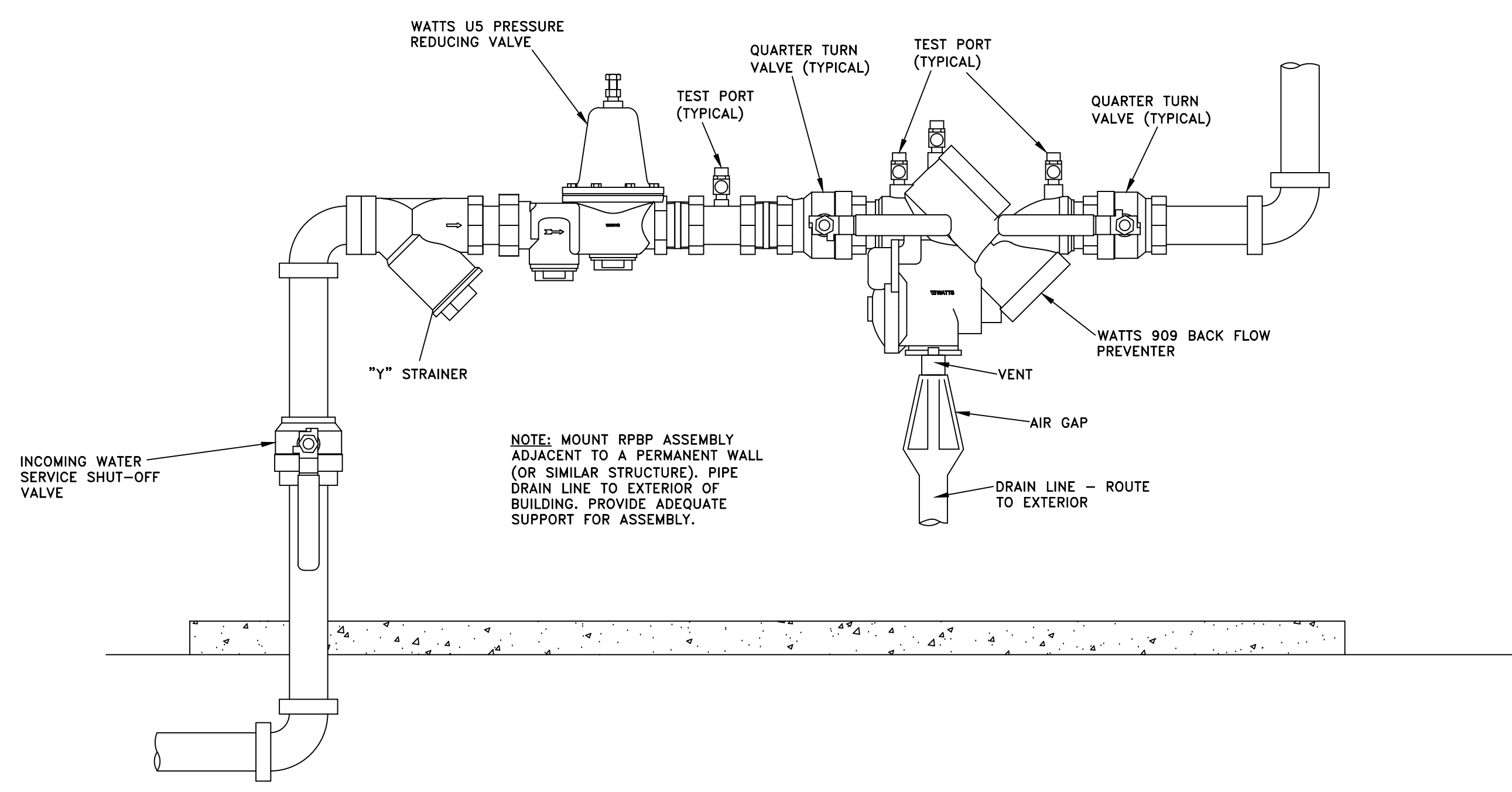
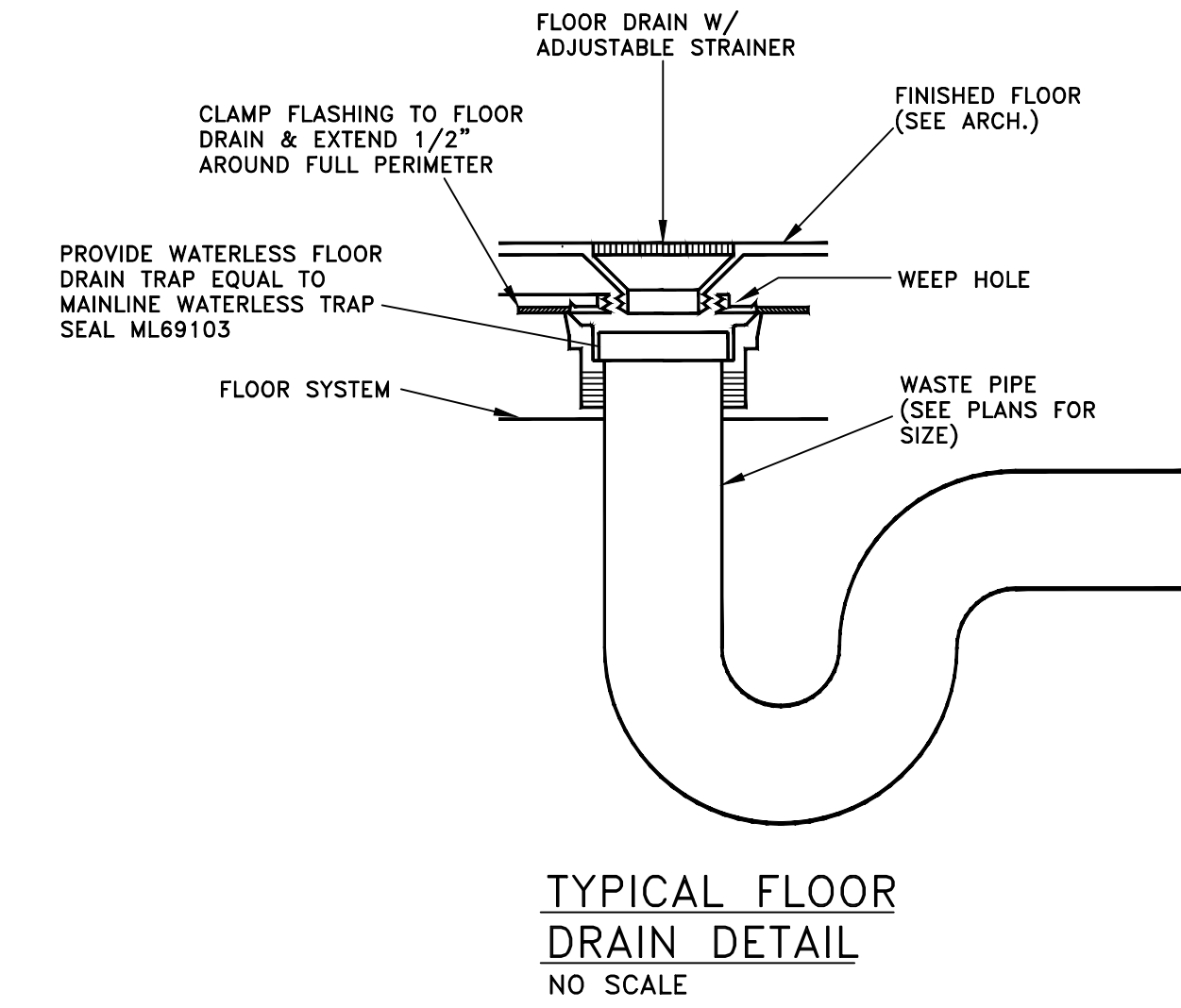
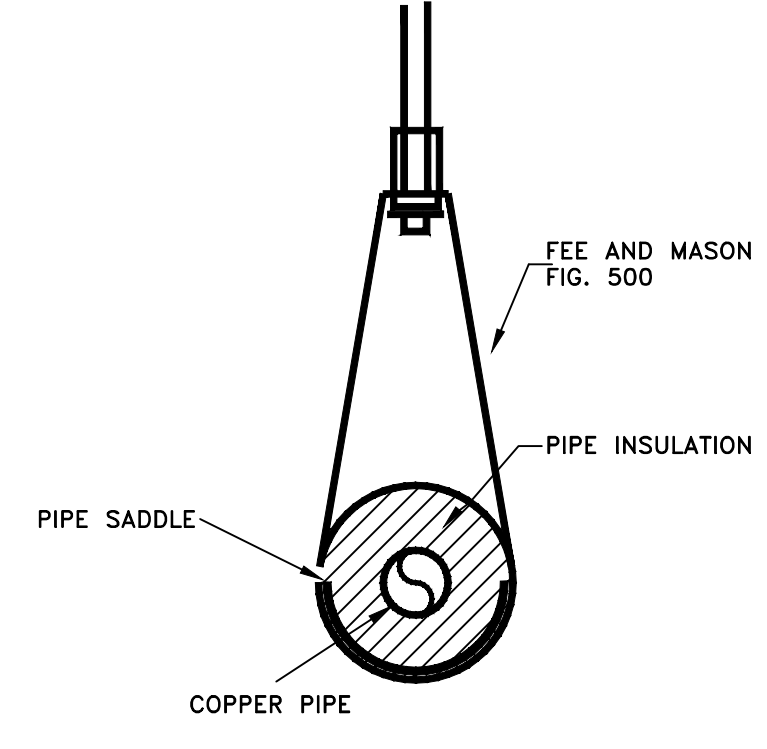
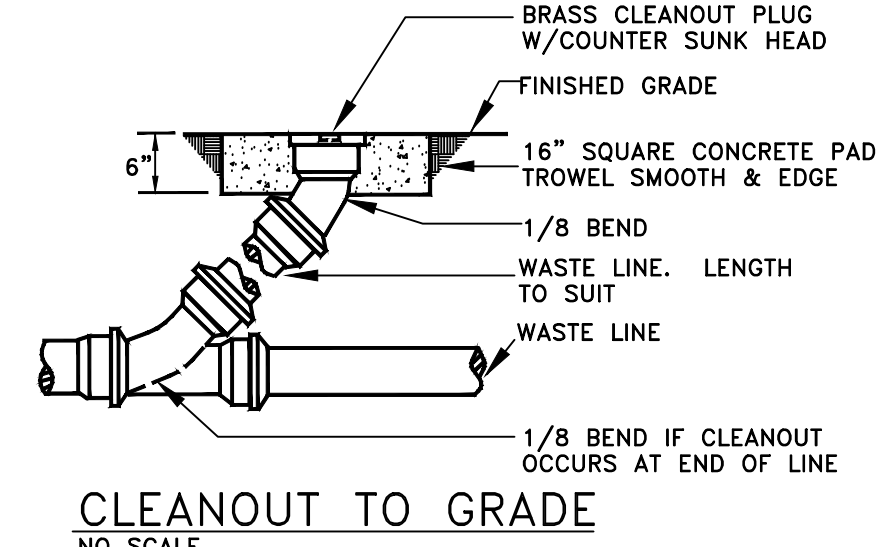
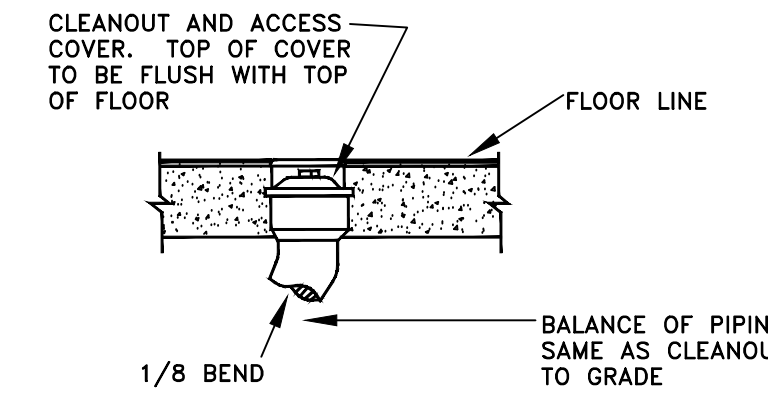
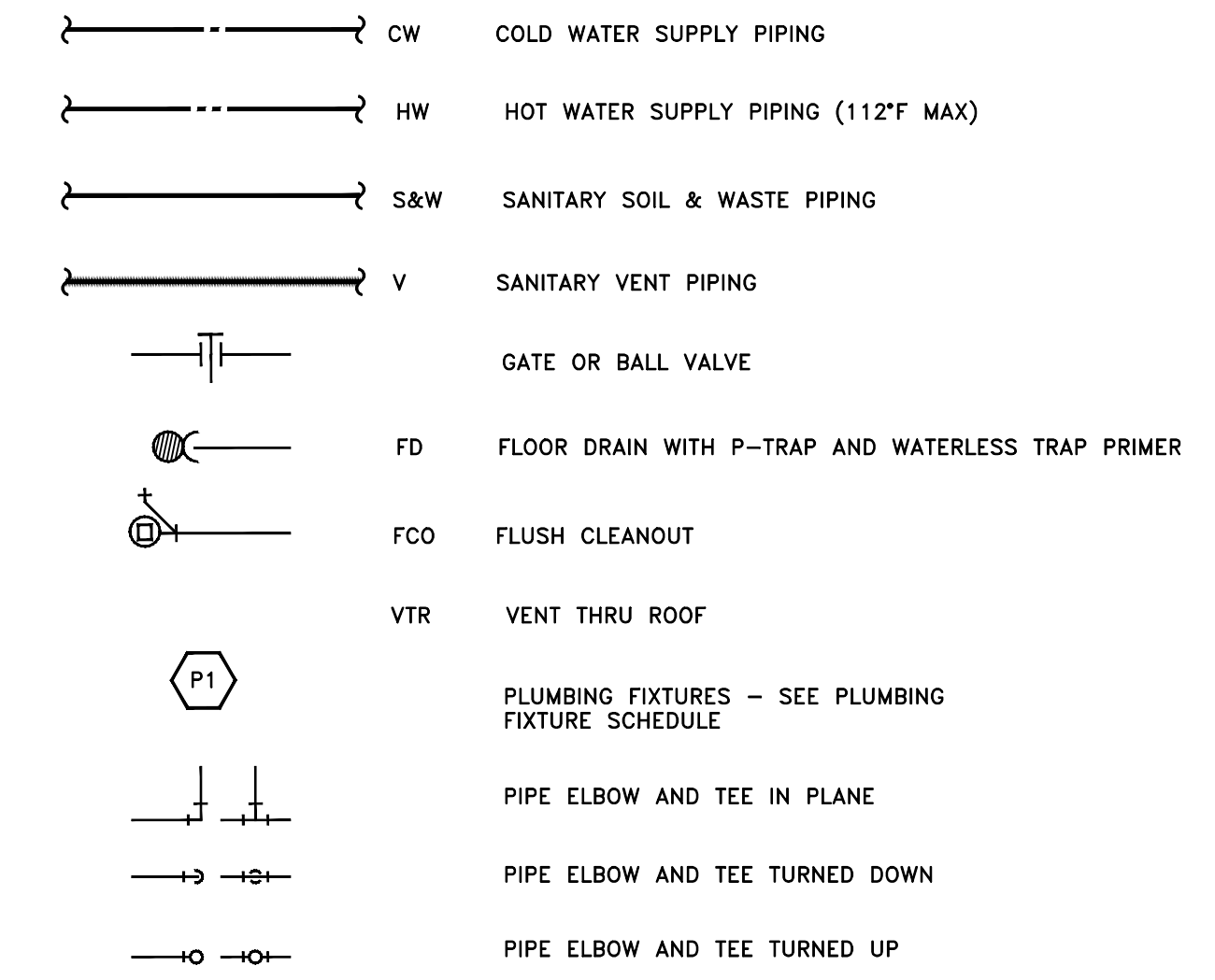


TRAIL CENTER SANITARY SEWER, WASTE, AND VENT PIPING PLAN
1/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE

NO.	TYPE	SIZE	REMARKS	MAKE	MODEL
P1	WATER CLOSET HANDICAPPED	16-3/4" H.	EVERCLEAN FLOOR MOUNTED, ELONGATED BOWL, SIPHON JET, WITH ZURN FLUSH VALVE 2600AV-WS1 EXPOSED FLUSH VALVE, WHITE MOLTEX LID AND SEAT WITH OPEN FRONT, CONNECT 1-1/2" COLD WATER AND 4" SOIL, 1.6 GALLON FLUSH	AMERICAN STANDARD	3461.001
P2	WALL-HUNG LAVATORY HANDICAPPED	20"x18"	VITREOUS CHINA, WALL-HUNG WITH #7385.043 SINGLE LEVER FAUCET ON 4" CENTERS WITH INTEGRAL GRID DRAIN AND AERATOR FOR 2-1/2 GPM FLOW, CONNECT 1/2" HOT AND COLD WATER, 1-1/4" WASTE, MOUNT 34" ABOVE FINISHED FLOOR, NEATLY INSULATE ALL EXPOSED PIPING WITH FACTORY INSULATION KIT EQUAL TO "LAV-GUARD 2" BY TRUEBRO INC. MODEL #102 E-Z (WHITE). PROVIDE CHAIR CARRIER	AMERICAN-STANDARD	0355.012
P3	ELECTRIC WATER HEATER	19 GAL.	FOAM INSULATED WITH 6 YEAR GUARANTEE, FACTORY INSTALLED AUTOMATIC RESETTING RELIEF VALVE WITH WASTE TO DRAIN, DIELECTRIC UNIONS GATE VALVES ON EACH WATER CONNECTION AND DRAIN VALVE. SEE DETAIL FOR INSTALLATION. MAKE 3/4" WATER CONNECTIONS, UNIT FOR 1 PHASE, 240 VOLTS, 4.5 KW	STATE	ES6 20 SOMS K
P4	CORNER FLOOR SERVICE SINK	24"x24" 12" DEEP	FLOOR MOUNTED, TERRAZZO, WITH STRAINER, RIM GUARD, SPEAKMAN #5C-SB11-RCP FAUCET FOR HOT AND COLD WATER WITH STOPS IN SHANKS, VACUUM BREAKER, TOP BRACE AND 3'-0" HOSE WITH WALL HOOK, CONNECT 1/2" HOT AND COLD WATER, 3" WASTE THRU CAST IRON P-TRAP.	STERN-WILLIAMS	SBC-1502
P5	WATER COOLER DUAL LEVEL		DUAL LEVEL, BARRIER-FREE, WALL-HUNG, AIR COOLED, WITH STAINLESS STEEL TOP, TOUCHLESS BOTTLE FILLER, HEAVY GAUGE GALVANIZED STEEL FRAME, NO LEAD DESIGN, CONTINUOUS FLOW BUBBLER, AUTOMATIC STREAM REGULATOR, STRAINER IN COLD WATER SUPPLY, 5 YEAR GUARANTEE AND WALL CARRIER, CONNECT 1/2" COLD WATER AND 1-1/4" WASTE.	ELKAY	LZSTL8WS
P6	FLOOR DRAIN W/ WATERLESS TRAP		FLOOR DRAIN WITH TYPE "B" STRAINER, DEEP SEAL TRAP, POLISHED NICKEL STRAINER, WITH MAINLINE WATERLESS TRAP SEAL, ML69020	ZURN	Z415
P7	OUTDOOR WATER FOUNTAIN		ADA COMPLIANT, TUBULAR WALL MOUNT BARRIER FREE, FREEZE RESISTANT, STEEL FOUNTAIN WITH POWDER COATED FINISH AND E-COAT IMMERSION, VANDAL RESISTANT BUBBLER, WATER INLET CONNECTION 3/8" O.D. - 1-1/4" WASTE OUTLET	ELKAY	LK4405FRK
P8	WALL HYDRANT		AUTOMATIC DRAINING, FREEZELESS WALL HYDRANT, CONNECT 1/2" COLD WATER, MOUNT 24" ABOVE FINISHED GRADE	WOODFORD	17

PLUMBING LEGEND



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PROJECT INFORMATION
CONTRACT: SBC-00000000000000

DAMASCUS TRAIL CENTER
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DAMASCUS, VIRGINIA 24236

ACTIVE DESIGN PHASE
 SCHEMATIC DESIGN
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 CONSTRUCTION DOCUMENTS
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 Contractor shall check and verify all dimensions and conditions of job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DATE ISSUED:	OCTOBER 15, 2019
PREPARED BY:	Dave Collins
PA / P.C.:	Jake Thomas
DRAWN BY:	WRH
CHECKED BY:	DEC
DRAWING TITLE:	

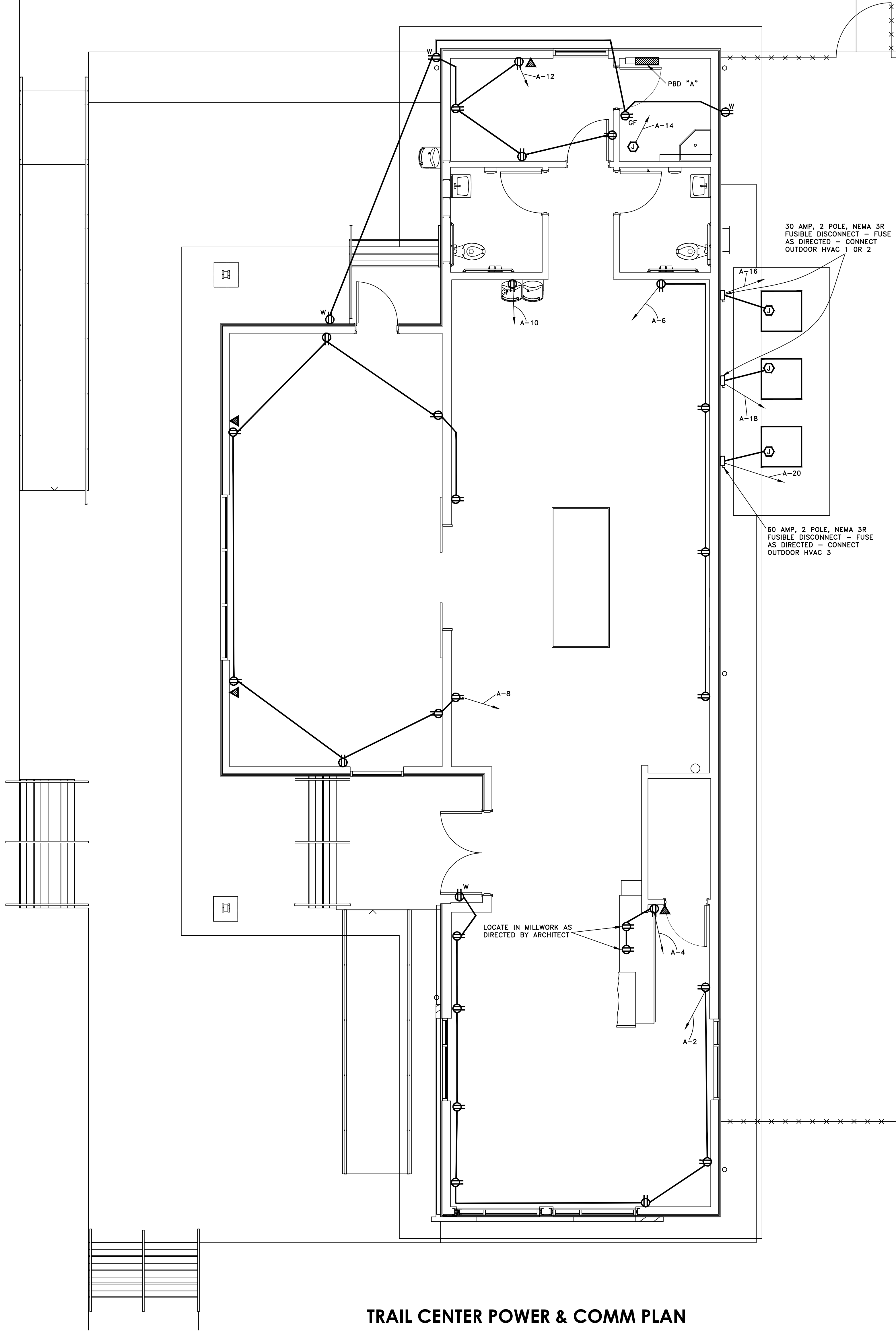
H_E HOLSTON ENGINEERING, INC.
 301 MONTGOMERY ST., SUITE #4, JOHNSON CITY, TN 37604 (423)926-5991 holsteng@ust.net
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 PLOT DATE: 4/23/2020
 HE PROJECT # 17-031

PLUMBING SCHEDULE & DETAILS
 DRAWING NO: **P101**

BINDING EDGE

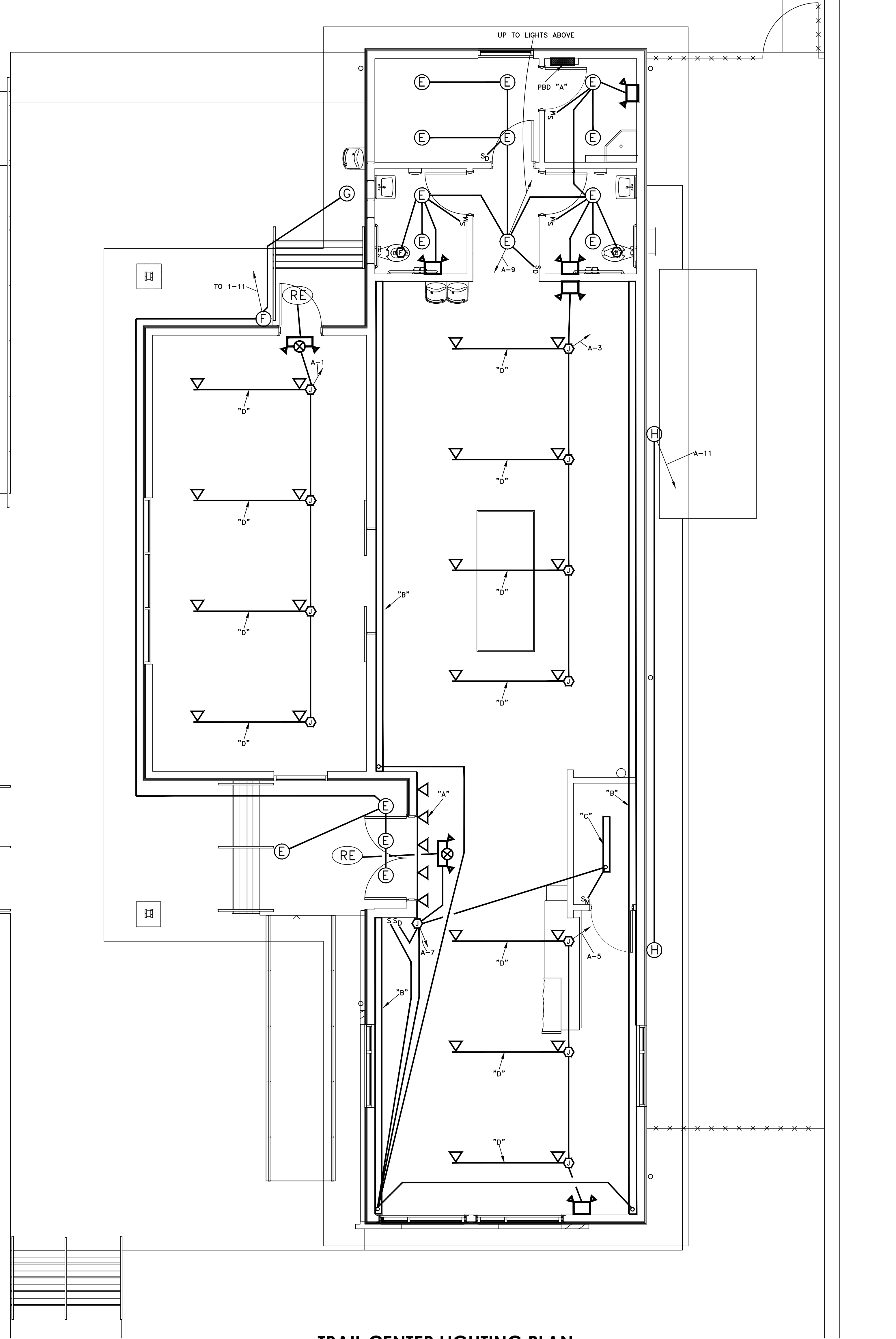
BINDING EDGE

BINDING EDGE



TRAIL CENTER POWER & COMM PLAN

1/4" = 1'-0"



TRAIL CENTER LIGHTING PLAN

1/4" = 1'-0"

17063

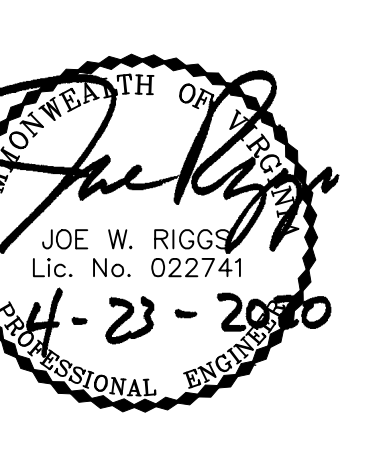
550 W. MAIN STREET, SUITE 300
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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000
DAMASCUS TRAIL CENTER
223 W Laurel Ave, Damascus, VA
DAMASCUS, VIRGINIA 24234

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- RED-CHECK
- CONSTRUCTION DOCUMENTS
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION



MCCARTY HOLSAPLE MCCARTY, INC.
Do NOT scale drawings, use given dimensions only.
Do not show work unless coordinated with ARCHITECT.
Contractor shall check and verify all dimensions and conditions prior to use.

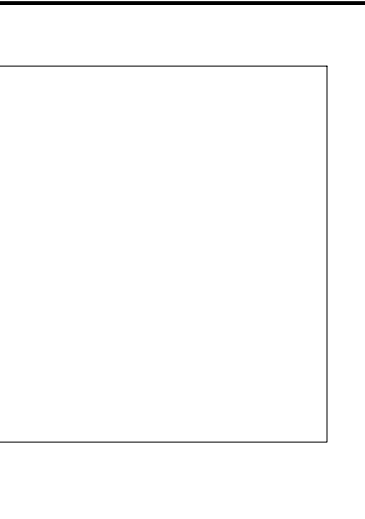
CONSULTANT INFORMATION

NO.	DATE	DESCRIPTION

CODES OFFICIAL REVIEW

NO.	DATE	DESCRIPTION

REV PLAN:



REVISION INFORMATION

NO.	DATE	DESCRIPTION

DRAWING INFORMATION

SCALE: 1/4" = 1'-0"
SCALE GUIDE:
DWG ISSUED: April 23, 2020
PRJ MGR: Dave Collins
FA/PC: Jake Thomas
DRAWN BY: TWI
CHECKED BY: JWR
DRAWING TITLE:

ELECTRICAL PLANS

DRAWING NO: E100

HE HOLSTON ENGINEERING, INC.
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PLOT DATE: 04/23/2020

HE PROJECT # 17-031

TIME / DATE: 2/27/2018 8:48:17 AM

