

SECTION 009113 – ADDENDUM TWO

PART 1 - ADDENDA



1.1 PROJECT INFORMATION

- A. Project Name: 22034.02 Meridian High School
- B. Owner: Meridian Public School District, 1019 25th Avenue, Meridian, MS 38391
- C. Architect: Dale | Bailey, an Association, One Jackson Place, Suite 250, 188 East Capitol Street, Jackson, MS 39201-2100
- D. Architect Project Number: 22034.02
- E. Date of Addendum Two: 7 September 2023

1.2 NOTICE TO BIDDERS

- A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is unchanged by this Addendum at same time and location.

1.3 GENERAL RESPONSES TO REQUESTS FOR INFORMATION

- A. QUESTION: Has a start date been determined?
ANSWER: After bids are received, the owner will make a best effort to issue a notice to proceed at their convenience. See section 002113 1.8 | B for more information.
- B. QUESTION: The plans call for a Knox Box. Are there specs.
ANSWER: Use Knoxvault 440 (recessed) in black as basis of design or Equal.
- C. QUESTION: Sheet 601 & 602 – please furnish detail for connection at the top of the column to beam, plates, and stiffener.
ANSWER: See attached.
- D. QUESTION: E002/ Make and catalog number for the main switch boards in administration and fine arts buildings.

ANSWER: Contractor shall field verify

E. QUESTION: E004/ Who is going to coordinate with MS Power to upgrade the 1 to phase 3 phase.

ANSWER: Coordination thus far is with MPCo. The Contractor shall take over from this point.

F. QUESTION: E004/ Please provide the location of Panel H2, also the make and catalog # for the panel for the breaker that supplies power to new pole lights.

ANSWER: Contractor shall field verify.

G. QUESTION: E103/Partial Lighting Plan, no lights are shown on the plans, only the intercom system is shown.

ANSWER: This sheet is an auxiliary plan. Intercom only. No lighting.

H. QUESTION: E103/Partial Lighting Plan, no lights are shown on the plans, only the intercom system is shown.

ANSWER: This sheet is an auxiliary plan. Intercom only. No lighting.

I. QUESTION: E105 / Detail 3, elevator pit shows an F type fixture, lighting schedule shows this to be recessed fixture. Please confirm what is correct.

ANSWER: Detail shall be a type "D" fixture.

J. QUESTION: Please provide a Roof Plan for the Corridor.

ANSWER: See attached revised A-102a sheet.

K. QUESTION: Structural drawings say to excavate 5' below field level. Have there been any soil samples taken at this location.

ANSWER: See attached geotechnical report.

L. QUESTION: I don't see anything about demolition of the existing retaining wall at field level and/or excavation of the ground behind it

ANSWER: Anything within the building footprint to be constructed will need to be removed or augmented to comply with new structures' requirements

M. QUESTION: Sheet A-402a shows PT1, PT2, & PT3 for the wall tile. The finish schedule has CWT1 & PWT1 listed under wall finishes.

ANSWER: Disregard CWT1 & PWT1 references in schedule everywhere. See SPEC Section 093013 for PT Types.

N. QUESTION: Spec Sections: 084113, 084423, 084513, 08543, calls for "Mockup" of typical wall area as shown on Drawings. The drawings do not have a mock up drawing/elevation.

ANSWER: Mockups for glazing assemblies can be made in place as part of the structure to be installed.

O. QUESTION: A.1. Calls for a "Four-sided structural-sealant-glazed curtain wall assembly. The drawings and details show a "captured" curtain wall system.

ANSWER: Captured curtain wall assemblies will be acceptable with 6" depth and clear anodic finish.

P. QUESTION: 1.7 Preconstruction Testing B. Preconstruction Laboratory Mockup Testing; Independent Laboratory testing can run in the ballpark of \$55,000 per system

ANSWER: This testing will not be required for this project.

Q. QUESTION: 2.1 Performance Requirements K. Windborne-Debris Impact Resistance Test for Large-Missile and Small-Missile; Per Drawings A-521a, the glazing tags and abbreviations call for 1" Insulated tinted and spandrel glass.

ANSWER: No Impact resistant glazing is required on this project.

R. QUESTION: A-521 elevation 8 & 9: The frame heights are incomplete. What is the total height of these frames?

ANSWER: See attached updated drawing.

S. QUESTION: Connector Corridor: Will elevations with dimensions be provided?

ANSWER: See attached updated drawing.

T. QUESTION: A-621: Door Schedule Administration Door Schedule The schedule does not indicate Hardware Sets. Spec Section 084113 2.4 Entrance Door Hardware B. "Provide entrance door hardware and entrance door hardware sets indicated in door and frame schedule for each entrance door"?

ANSWER: See attached updated drawing

U. QUESTION: Spec 083513: Multipanel Folding Aluminum Framed Glass Doors 3.3, B. Testing Services Calls for Air and Water Testing. A/621 Door #'s RC101 & R102 are "D6" folding panel doors. Can you confirm these doors are interior doors and no Air and Water testing required?

ANSWER: Confirmed. No air or water testing needed for folding partition doors.

V. QUESTION: Sheet C-302 shows 4 HC Parking spots above the new parking lot. Is this new parking? Will it be asphalt or LD concrete pavement?

ANSWER: The 4 handicap spots, referenced, are not in this contract.

W. QUESTION: Specs call for both manual corded and manual cordless blinds. Are they both being used? If so, please clarify locations.

ANSWER: Install cordless blinds throughout for all conditions. No corded blinds are to be used in this project.

1.4 GENERAL

- A. Report of Geotechnical Exploration for Meridian High School Fine Arts Building Addition by Ladner Testing Laboratories, Inc. dated August 16, 2023. (New). Add this to the Appendix section of the Project Manual.

1.5 REVISIONS TO DIVISION 00 - PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS

- A. DOCUMENT 004113 – BID FORM (Revised): Delete this form in its entirety and replace it with new. See attached. Replace Added Alternate #3 with Added Allowance 3 & 4.

1.6 REVISIONS TO DIVISION 01 – GENERAL REQUIREMENTS

- A. DOCUMENT 012100 ALLOWANCES. (Revised). Delete this form in its entirety and replace it with new. See attached. Added Allowances #3 and #4.

1.7 REVISIONS TO TECHNICAL SPECIFICATIONS

- A. DOCUMENT 093013-CERAMIC TILING. (Revised): Delete this form in its entirety and replace it with the new. See attached.

1.8 REVISIONS TO DRAWINGS

- A. Sheet S-309 – Foundation Sections & Details. (Revised). Delete this sheet in its entirety and replace it with attached. Add detail 2 for new opening in Existing CMU wall.
- B. Sheet S-600 – Moment Frame Sections & Details. (Revised). Delete this sheet in its entirety and replace it with attached. Revised Detail 1 with updates to baseplates. Revised Detail 3 to Clarify Moment Fame Connection.
- C. Sheet S-601 – Moment Frame Elevations. (Revised). Delete this sheet in its entirety and replace it with attached. Indicated Moment connection details on moment frame elevations. Added cantilever beam sizes and reactions.
- D. Sheet S-602 – Moment Frame Elevations. (Revised). Delete this sheet in its entirety and replace it with attached. Indicated Moment connection details on moment frame elevations. Added cantilever beam sizes and reactions.
- E. Sheet A-100 – Composite Site Layout. (Revised). Delete this sheet in its entirety and replace it with attached. Added paint work to north court awnings.
- F. Sheet A-102a – Administration Floor Plans. (Revised). Delete this sheet in its entirety and replace it with attached. Added roof plan for corridor and the roof at admin.
- G. Sheet A-202a – Elevations. (Revised). Delete this sheet in its entirety and replace it with attached. Updated elevations for storefront.

- H. Sheet A-521a – Storefront and Window. (Revised). Delete this sheet in its entirety and replace it with attached. Added dimensions for curtain.

1.9 ATTACHMENTS:

- A. Report of Geotechnical Exploration dated 16 August 2023.
- B. This Addendum includes the following attached Specifications.
 - 1. Specification 004113 – Bid Form dated 7 September 2023.
 - 2. Specification 012100 - Allowances dated 7 September 2023.
 - 3. Specification 093013 – Ceramic Tiling dated 7 September 2023.
- C. This Addendum includes the following attached Drawings.
 - 1. Sheet S-309 – Foundation Sections & Details dated 7 September 2023.
 - 2. Sheet S-600 – Moment Frame Sections & Details dated 7 September 2023.
 - 3. Sheet S-601 – Moment Frame Elevations dated 7 September 2023.
 - 4. Sheet S-602 – Moment Frame Elevations dated 7 September 2023.
 - 5. Sheet A-100 – Composite Site Layout dated 7 September 2023.
 - 6. Sheet A-102a – Administration Floor Plans dated 7 September 2023.
 - 7. Sheet A-202a – Elevations dated 7 September 2023.
 - 8. Sheet A-521a – Storefront and Window dated 7 September 2023.

END OF ADDENDUM TWO

LADNER TESTING, INC.

JACKSON -
(601) 362-5421

HATTIESBURG -
(601) 544-5782

GULFPORT
(228) 604-2527

REPORT OF GEOTECHNICAL EXPLORATION

FOR

**MERIDIAN HIGH SCHOOL FINE ARTS BUILDING
ADDITION
MERIDIAN, MISSISSIPPI**

AUGUST 2023

Prepared By:

**W Geotechnical and Testing, Inc.
301 Central Avenue East
Wiggins, MS 39577**

LADNER TESTING, Inc.

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August 16, 2023

Meridian Public School District
1019 25th Avenue
Meridian, MS 39301

RE: Report of Geotechnical Exploration
Meridian High School Fine Arts Building Addition
Meridian, Mississippi

W Geotechnical Project No. G-1364S
Ladner Project No. 603-23-A

Dear Sir or Madam:

Thank you for retaining Ladner Testing Inc. to complete a geotechnical exploration for the above referenced site. The results of the subsurface exploration, along with boring logs and our engineering report, are attached to this letter.

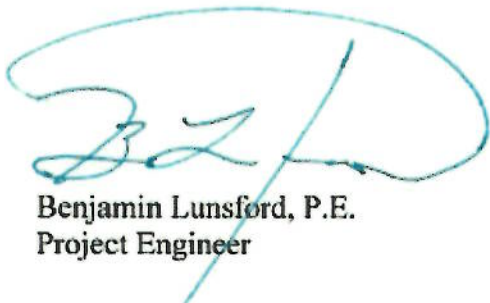
In general, fair to poor soil conditions were encountered at this site. Debris such as asphalt and heavy clay soils were often observed within the top 5 feet below the existing ground surface. These materials should be excavated and replaced with structural fill materials to a depth of 5 feet below the existing grade. Excavations should extend to the top of the very dense silty sand below approximately 5 feet from the existing ground at the bottom of the hill. Assuming proper site preparation, we recommend that foundations are designed for a maximum net allowable soil bearing pressure of **2,000** psf. Permanent shoring of steep slopes and existing buildings will be required for construction at this site. These recommendations are more detailed in the appropriate sections of this report along with construction and site preparation recommendations.

Thank you for the opportunity to provide geotechnical engineering services on this project. Should you have questions regarding our findings or need additional consultations, please do not hesitate to contact our office.

Respectfully,

Ladner Testing Laboratories, Inc.

Represented by:



Benjamin Lunsford, P.E.
Project Engineer



8/17/23

Heath S. Williams, P.E.
Principal Engineer
MS Registration No. 17702

REPORT OF GEOTECHNICAL EXPLORATION
MERIDIAN HIGH SCHOOL FINE ARTS BUILDING ADDITION – MERIDIAN, MS
G-1364S/603-23-A
AUGUST 16, 2023

General

This report presents the results of our geotechnical exploration findings and our geotechnical recommendations for a new building addition in Meridian, Mississippi.

Project Information

The information presented in this section is based on information provided and our own site reconnaissance. The site is located at Meridian High School, 2320 32nd Street in Meridian, Mississippi. The approximate coordinates at the location of the additions are 32.390376°, -88.703281°. We understand that the proposed additions consist of a new fine arts building, connector corridor, administration area and elevator shaft. Standard commercial construction techniques are anticipated.

If any of the information presented is incorrect or has changed, please advise Ladner Testing, Inc. to allow us to reevaluate our recommendations in the light of changes in the present project concept.

Purposes of Exploration

The purposes of this exploration were to explore the soil and groundwater conditions at the site and to identify any foreseeable special geotechnical considerations needed for the proposed construction. We accomplished the purposes of the study by:

1. Performing a general site reconnaissance and drilling borings to explore the subsurface soil and groundwater conditions,
2. Performing laboratory tests on selected representative soil samples from the borings to evaluate pertinent engineering properties, and
3. Evaluating the field and laboratory data to develop appropriate geotechnical engineering recommendations.

Field Exploration

To explore the subsurface conditions at this site, a total of three (3) Standard Penetration Test (SPT) borings were drilled to a depth of 10 feet below the existing ground surface. Boring B-3 was terminated at 1 foot because of an obstruction. One (1) auger boring, designated as Boring B-4, was performed at the top of the sloped area adjacent to the existing building. Boring locations were determined in the field by a Ladner Testing representative who measured distances and estimated right angles from existing site features, or by use of a handheld GPS. The boring locations should be considered approximate and boring elevations should be considered from the ground surface elevation at the time of our fieldwork on August 1, 2023. The soil test borings were performed with a truck mounted drill rig, which utilized continuous flight solid stem augers to advance the boreholes. Representative soil samples were taken for visual classification and further laboratory testing. The drill crew maintained a field log of the soils encountered in the borings.

Laboratory Testing Program

Representative soil samples were selected and tested in our laboratory to check visual classifications and to determine pertinent engineering properties. The laboratory testing program included visual classifications of all soil samples, and natural moisture content, Atterberg Limit, and sieve analysis testing of selected samples. The laboratory test results are presented on the attached boring logs. An experienced geotechnical technician classified each soil sample on the basis of texture and plasticity in accordance with the Unified Soil Classification System. The group symbols for each soil type are indicated in the appropriate column of the attached boring logs. The geotechnical technician grouped the various soil types into the major zones noted on the boring logs. The stratification lines designating the interfaces between soil types on the boring logs and profiles are approximate; in-situ, the transitions may be gradual. The soil samples will be retained in our laboratory for a period of 60 days, after which, the samples will be discarded unless other instructions are received as to their disposition.

Subsurface Soil Conditions

The subsurface soil conditions are presented in more detail on the attached boring logs. The subsurface conditions discussed in the following paragraphs and those shown on the boring logs represent an estimate of the subsurface conditions based on interpretation of the boring data at discrete test depths and locations using normally accepted geotechnical engineering judgments. We note that the transition between different soil strata is usually less distinct than those shown on the boring logs. Subsurface conditions in unexplored locations may vary somewhat from those reported herein.

The borings performed for this exploration generally encountered Clay and Silty Sand. These strata are generalized in the following paragraphs. For more specific information, refer to the boring logs in the appendix.

Clay Soils

Materials described as clay soils were generally encountered within the top 4 to 10 feet below the existing ground surface. Asphalt debris was often observed within the top 2.5 feet from the ground surface. The clay soils were often heavy clays with high plasticity index values, which are prone to shrink and swell with fluctuations in moisture content. The clay was mostly very hard at selected testing locations.

Silty Sand

Materials described as silty sand were typically encountered below 5 feet from the ground surface at the bottom of the hill. The silty sand was very dense at selected test locations, with SPT n-values greater than 51 blows per foot.

Groundwater Conditions

Visual observation of the soil samples retrieved during the drilling exploration can often be used in evaluating the groundwater conditions. Groundwater was not recorded during the investigation at this site. Variations in the location of the long-term water table may occur as a result of changes in precipitation, evaporation, surface water runoff, and other factors not immediately apparent at the time of this exploration.

Geotechnical Recommendations

The following geotechnical recommendations are based on our observations at the site, interpretation of the field data obtained during the exploration, laboratory test results, and our experience with similar subsurface conditions.

In general, fair to poor soil conditions were encountered at this site. Debris such as asphalt and heavy clay soils were often observed within the top 5 feet below the existing ground surface. These materials should be excavated and replaced with structural fill materials to a depth of 5 feet below the existing grade. Excavations should extend to the top of the very dense silty sand below approximately 5 feet from the ground surface at the bottom of the hill. Steep slopes and existing buildings with require permanent shoring prior to construction at this site.

Foundation Design Recommendations

Assuming proper site preparation (removal of topsoil, soft/loose soils, organic materials and debris, proofrolling, and footing bearing surface observation), this site appears suitable for the construction of the proposed structure on shallow foundations. We recommend that foundations be designed for a maximum net allowable soil bearing pressure of **2,000** psf. We also recommend that the slabs be made more rigid using perimeter and interior grade beams and by incorporating both top and bottom reinforcing steel into both the footings and grade beams.

Settlement values are based on the stated assumption that the site is properly prepared, and any deleterious material will be removed if found during construction. Conventional values for allowable settlement are typically 1 inch of total settlement with 1/2 inch of differential settlement. It is our opinion that for footings constructed in accordance with the requirements outlined in this report, the maximum total settlement is expected to be less than 1 inch, with the maximum differential settlement between adjacent columns expected to be approximately 1/2 inch or less.

To reduce the risk of foundation bearing failure and excessive settlement due to local shear or "punching" action, we recommend that continuous footings have a minimum width of 1.5 feet and that isolated column footings have a minimum lateral dimension of 2 feet. In addition, footings should be placed at a depth to provide adequate bearing capacity and resist undermining of the footing by erosion. For this site, we recommend footing bottoms be placed at a minimum depth of 2 feet below lowest adjacent finished grade.

The connections with the existing structures should be made rigid enough (typically by doweling into the existing foundations) to transfer part of the load of the new structure to minimize differential settlement, or the transition should be made flexible enough (typically by transition slabs) to allow the differential movements without incurring any distress. Properly designed expansion joints should be included in the veneer to minimize unsightly cosmetic cracking due to any differential settlement.

The above bearing capacity and settlement values are based on our engineering experience with similar soil conditions and the anticipated structural loadings, and are to guide the structural engineer with the design. To minimize difficulties during the foundation installation phase, we recommend that Ladner Testing, Inc. be retained to observe the foundation bearing surfaces and to confirm that the recommended bearing pressures are developed.

Earth Retaining Structures

We understand that some of the new construction will have earth retaining structural elements. General lateral soil loading parameters for the existing clay soils at the base of the existing building and for properly prepared structural fill materials are provided below. These parameters can be used to help with design of laterally loaded structural elements.

Materials	Unit Weight, pcf	Angle of Internal Friction	Active Earth Pressure Coefficient, K_a	Passive Earth Pressure Coefficient, K_p	At-Rest Earth Pressure Coefficient, K_o
In-situ Clay	115	20.0	0.49	2.0	0.65
Structural Fill	120	27.5	0.37	2.7	0.54

Earth retention, as well as retention of lateral loads from existing structures supported on the retained earth, will be required next to below grade structures. Earth retaining structures such as cantilever walls, gravity walls or mechanically stabilized earth walls are typically used for lateral earth support. We understand that due to the proximity of the new construction to the existing building, space for a retaining wall will be limited and constructability will be an issue. Tie back retaining walls may be ideal for this site. The soils adjacent to the existing structure at the top of the slope are also heavy clays that are prone to shrink and swell with fluctuations in moisture content. Good site drainage during and after construction is recommended to prevent additional moisture from infiltrating the subgrade.

For design and support of earth retention systems at this site, we recommend contacting Alex Clavette with Keller North America at 281-851-0257 (ABCclavette@keller-na.com), or Will Brantley with GeoStabilization at 601-715-4911 (will.brantley@gsi.us) for further recommendations and estimated costs.

Subgrade Preparation

Prior to fill placement, the subgrade preparation should consist of removing all topsoil, soft/loose soils, debris and organic materials. We recommend that excavation is extended to at least 5 feet below the existing ground. Observation is required to ensure that all the unwanted material is removed. We recommend that the subgrade preparation is extended to the expanded project limits, which are defined as a minimum of 5 feet beyond the footprint of the structures. Site preparation limits should be extended laterally an additional 1 foot for each foot of fill required at any location.

The prepared subgrade must be observed to be free of a substantial amount of organic material and of sufficient consistency to support the required structural loads. The resulting subgrade should be evaluated by a qualified geotechnical technician. *Proofrolling of the entire site using a loaded dump truck, having an axle weight of at least 10 tons, is required to aid in identifying any additional localized soft or unsuitable material that should be removed.* Any soft or unsuitable materials encountered during this proofrolling should be removed and replaced with an approved backfill compacted to the criteria below.

Fill Placement

The preparation of proposed subgrade should be observed on a periodic basis by a representative of a qualified construction materials testing company to document that the subgrade is suitable for support of the proposed construction and/or fills. Structural fill materials should consist of approved material with less than 2 percent organic matter, free of debris, with rocks no greater than 6 inches and a Liquid Limit less than 30 and a Plasticity Index less than 15. Unacceptable fill materials include topsoil, ash, low-density soils with a maximum unit weight less than 95 pcf, organic materials, and highly plastic silts and clays. Any unsuitable materials removed during grading operations should be either stockpiled for later use in landscaped areas or placed in approved disposal areas either on site or off site.

Grade control should be maintained throughout the fill placement operations. All fill operations should be observed on a periodic basis by a qualified soil technician from Ladner Testing, Inc. to determine that minimum compaction requirements are being met. A minimum of one compaction test per 2,500 square foot area should be performed in every other lift placed. The elevation and location of the tests should be clearly identified and recorded at the time of fill placement. Fill materials should be placed in lifts not exceeding 8 inches in loose thickness and moisture conditioned to within ± 2 percent of the optimum moisture content to facilitate proper compaction. Structural fill material should be compacted to a minimum of **98 percent** of the maximum dry density obtained in accordance with ASTM Specification D-698, Standard Proctor Method.

Additional Considerations

Exposure to the environment may weaken the soils at the subgrade level if excavations remain open for too long a time. If surface water intrusion or exposure softens the bearing soils, the softened soils must be removed from the excavation bottom immediately prior to placement of fill.

Positive site drainage should be maintained during earthwork operations, which should help maintain the integrity of the soil. Placement of fill on the near surface soils, which have become saturated, may be very difficult. When wet, these soils will degrade quickly with disturbance from contractor operations and will be extremely difficult to stabilize for fill placement.

The surface of the site should be kept properly graded in order to enhance drainage of the surface water away from the proposed building areas during the construction phase. We recommend that an attempt be made to enhance the natural drainage without interrupting its pattern.

The surficial soils contain fines, which are considered moderately erodible. All erosion and sedimentation shall be controlled in accordance with Best Management Practices and current City and DEQ requirements. At the appropriate time, we would be pleased to provide a proposal for construction materials testing and related services.

Closing

This report has been prepared in accordance with generally accepted geotechnical engineering practice. No other warranty is expressed or implied. The evaluations and recommendations presented in this report are based on the available project information, as well as on the results of the exploration. Ladner Testing, Inc. should be given the opportunity to review the final drawings and site plans for this project to determine if changes to the recommendations outlined in this report are needed. Should the nature of the project change, these recommendations should be reevaluated. No third party is given permission to rely on this report or data without the express written consent of Ladner Testing, Inc. We recommend that the construction activities be observed by a qualified geotechnical engineer to provide the necessary overview and to check the suitability of the subgrade soils for supporting the footings. We would be pleased to provide an estimated cost for these services at the appropriate time.



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PROJECT: MERIDIAN HIGH SCHOOL FINE ARTS BUILDING ADDITION MERIDIAN, MS	CLIENT: MERIDIAN PUBLIC SCHOOL DISTRICT 1019 25TH AVENUE MERIDIAN, MS 39301	DATE: 8/1/2023 LAB NO: 0603-23-A BORE NO: B-1 TECHNICIAN: B.H. / T.G.
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SAMPLES:	<input type="checkbox"/> AUGER(ASTM D-1452)	<input type="checkbox"/> TUBE(ASTM D-1587)	<input checked="" type="checkbox"/> PENETRATION TEST(ASTM D-1586)
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DEPTH	SAMPLE	VISUAL DESCRIPTION - REMARKS	CONSISTENCY	FIELD MOIST %	LL%	PI %	PASS #200 %	UNIFIED CLASS	STD. PEN
0		1" ASPHALT BROWN CLAYEY SAND W/ASPHALT (0 - 1')		23.6	40.0	18.0	24.2	SC	
	X	GRAY SANDY LEAN CLAY W/ASPHALT (1 - 2.5")	VERY HARD	17.2	45.0	17.0	53.6	CL	RF
		GRAY HEAVY CLAY (2.5 - 3.5')		34.9	63.0	28.0	91.4	CH	
	X	DARK GRAY & TAN HEAVY CLAY W/SAND (3.5 - 5')	VERY HARD	32.9	63.0	26.0	79.8	CH	72
5		TAN SILTY SAND (5 - 15')		16.5	NA	NP	14.4	SM	
	X		VERY DENSE						51
10									
	X								RF
15									
		RF = REFUSAL							
20									
25									
30									

WATER DEPTH 0 FT. AFTER 0 HRS. BORING ELEVATION 0 FT.
 WATER DEPTH 0 FT. AFTER 0 HRS. BORING TERMINATED AT 15 FT.



ladner testing laboratories, inc

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PROJECT: MERIDIAN HIGH SCHOOL FINE ARTS BUILDING ADDITION MERIDIAN, MS	CLIENT: MERIDIAN PUBLIC SCHOOL DISTRICT 1019 25TH AVENUE MERIDIAN, MS 39301	DATE: 8/1/2023 LAB NO: 0603-23-A BORE NO: B-2 TECHNICIAN: B.H. / T.G.
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SAMPLES: **AUGER(ASTM D-1452)** **TUBE(ASTM D-1587)** **X** **PENETRATION TEST(ASTM D-1586)**

DEPTH	SAMPLE	VISUAL DESCRIPTION - REMARKS	CONSISTENCY	FIELD MOIST %	LL%	PI %	PASS #200 %	UNIFIED CLASS	STD. PEN
0		TAN & GRAY SANDY LEAN CLAY (0 - 1') - ASPHALT @ 12" -		20.6	44.0	19.0	55.5	CL	
	X	TAN & GRAY SANDY HEAVY CLAY (1 - 2.5')	VERY HARD	33.6	56.0	20.0	62.7	CH	RF
		TAN & GRAY SANDY HEAVY CLAY (2.5 - 3.5')		20.8	57.0	27.0	61.3	CH	
	X	RED, GRAY, & TAN SILTY SAND (3.5 - 5')	VERY DENSE	22.9	NA	NP	36.9	SM	RF
5		TAN SILTY SAND (5 - 15')		17.4	NA	NP	41.1	SM	
	X		VERY DENSE						53
10									
	X		VERY DENSE						95
15									
		RF = REFUSAL							
20									
25									
30									

WATER DEPTH 0 FT. AFTER 0 HRS. BORING ELEVATION 0 FT.
WATER DEPTH 0 FT. AFTER 0 HRS. BORING TERMINATED AT 15 FT.



ladner testing laboratories, inc

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PROJECT: MERIDIAN HIGH SCHOOL FINE ARTS BUILDING ADDITION MERIDIAN, MS	CLIENT: MERIDIAN PUBLIC SCHOOL DISTRICT 1019 25TH AVENUE MERIDIAN, MS 39301	DATE: 8/1/2023 LAB NO: 0603-23-A BORE NO: B-3 TECHNICIAN: B.H. / T.G.
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SAMPLES:	AUGER(ASTM D-1452)	TUBE(ASTM D-1587)	X	PENETRATION TEST(ASTM D-1586)
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DEPTH	SAMPLE	VISUAL DESCRIPTION - REMARKS	CONSISTENCY	FIELD MOIST %	LL%	PI %	PASS #200 %	UNIFIED CLASS	STD. PEN
0	X	2" ASPHALT GRAY SANDY LEAN CLAY (0 - 1')		23.9	42.0	13.0	57.5	CL	RF
		RF = REFUSAL							
5									
10									
15									
20									
25									
30									

WATER DEPTH 0 FT. AFTER 0 HRS. BORING ELEVATION 0 FT.
WATER DEPTH 0 FT. AFTER 0 HRS. BORING TERMINATED AT 1 FT.



ladner testing laboratories, inc

2832 Utica Avenue/Post Office Box 10778/Jackson, Mississippi 39289-0778 / (601) 362-5421
2123 Glendale Avenue/ Hattiesburg, Mississippi 39402/ (601) 544-5782
P.O. Box 2363/ Gulfport, Mississippi 39505/ (228) 604-2527

PROJECT: MERIDIAN HIGH SCHOOL FINE ARTS BUILDING ADDITION MERIDIAN, MS	CLIENT: MERIDIAN PUBLIC SCHOOL DISTRICT 1019 25TH AVENUE MERIDIAN, MS 39301	DATE: 8/2/2023 LAB NO: 0603-23-A BORE NO: B-4 TECHNICIAN: B.H. / T.G.
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SAMPLES:	AUGER(ASTM D-1452)	TUBE(ASTM D-1587)	X	PENETRATION TEST(ASTM D-1586)
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DEPTH	SAMPLE	VISUAL DESCRIPTION - REMARKS	CONSISTENCY	FIELD MOIST %	LL%	PI %	PASS #200 %	UNIFIED CLASS	STD. PEN
0		TAN & GRAY HEAVY CLAY W/SAND (0 - 1') (DCP 6-8-9)		28.1	52.0	18.0	72.4	CH	
		TAN, GRAY, & RED HEAVY CLAY W/SAND (1 - 5') (DCP 65)		37.1	50.0	20.0	78.6	CH	
5		TAN & GRAY HEAVY CLAY W/SAND (5 - 9')		42.8	57.0	17.0	82.4	CH	
10		GRAY HEAVY CLAY (9 - 10') (DCP 36-44-50)		41.2	63.0	23.0	86.6	CH	
15									
20									
25									
30									

WATER DEPTH 0 FT. AFTER 0 HRS. BORING ELEVATION 0 FT.
WATER DEPTH 0 FT. AFTER 0 HRS. BORING TERMINATED AT 10 FT.

MERIDIAN HIGH SCHOOL

FINE ARTS BUILDING ADDITION
MERIDIAN, MS

LAB NO.: 0603-23-A

Legend

32nd St

⊗
B-2

⊗
B-3

⊗
B-1

⊗
B-4

MERIDIAN

10-
-20

20-
10-

100-45078

Google Earth

Image Landsat / Copernicus



100 ft

DOCUMENT 004113 - BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)

1.1 BID INFORMATION

- A. Bidder: _____.
- B. Project Name: Meridian High School Additions and Renovations.
- C. Project Location: 2320 32nd St, Meridian, MS 39305.
- D. Owner: Meridian Public School District, 1019 25th Avenue, Meridian, MS 38391.
- E. Architect: Dale | Bailey, An Association, One Jackson Place, Suite 250, 188 East Capitol Street, Jackson, MS 39201-2100.
- F. Architect Project Number: 22034.02.

1.2 CERTIFICATIONS AND BASE BID

- A. Base Bid, Single-Prime (All Trades) Contract: The undersigned Bidder, having carefully examined the Procurement and Contracting Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, as prepared by Dale|Bailey and Architect's consultants, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, including all scheduled allowances, necessary to complete the construction of the above-named project, according to the requirements of the Procurement and Contracting Documents, for the stipulated sum of:
 - 1. _____ Dollars
(\$_____).
 - 2. The above amount may be modified by amounts indicated by the Bidder on the attached Document 004322 "Unit Prices Form" and Document 004323 "Alternates Form."

1.3 ALLOWANCES. Include the allowances below. Refer to section 012100-ALLOWANCES.

- A. Allowance No. 01: Lump Sum Contingency Allowance of Two Hundred Fifty Thousand Dollars (\$250,000.00).
- B. Allowance No. 02: Utility Power Allowance in base bid of Forty Thousand Dollars (\$40,000.00).
- C. Allowance No. 03: Hardware Allowance in base bid of Fifty Thousand Dollars (\$50,000.00).
- D. Allowance No. 04: Hardware Allowance for Alternate No. 3 of Twenty Thousand Dollars (\$20,000.00).

1.4 UNIT RATES. Refer to Section 012200 - Unit Prices for description of Unit Prices.

- A. Unit Price 01: Provide a price for lime material \$ _____ / Ton.
- B. Unit Price 02: Provide a price for mixing lime material \$ _____ / Sq Yard.

1.5 ALTERNATES. Refer to Section 012300 - Alternates for description of Alternates.

- A. Additive Alternate No. 01: Canopy work in the North Courtyard, as labeled on A-100, and for the entirety of the west and south sides of the courtyard otherwise roughly measuring 145'-1" from north to south and 172'-1" from east to west.

_____ Dollars
 (\$_____).

- B. Alternate No. 02: Canopy work in the North Courtyard, as labeled on A-100, and for the entirety of the east and north sides of the courtyard otherwise roughly measuring 67'-0" from north to south and 193'-10" from east to west.

_____ Dollars
 (\$_____).

- C. Alternate No. 03: Provide all work pertaining to the addition at band hall as an alternate. This work includes everything beyond the existing exterior walls for the construction of all levels of the addition including demolition directly related to the structure.

_____ Dollars
 (\$_____).

1.6 BID GUARANTEE

- A. The undersigned Bidder agrees to execute a contract for this Work in the above amount and to furnish surety as specified within 10 . days after a written Notice of Award, if offered within 90 days after receipt of bids, and on failure to do so agrees to forfeit to Owner the attached cash, cashier's check, certified check, U.S. money order, or bid bond, as liquidated damages for such failure, in the following amount constituting five percent (5%) of the Base Bid amount above:

1. _____ Dollars
 (\$_____).

- B. In the event Owner does not offer Notice of Award within the time limits stated above, Owner will return to the undersigned the cash, cashier's check, certified check, U.S. money order, or bid bond.

1.7 SUBCONTRACTORS AND SUPPLIERS

A. The following companies shall execute subcontracts for the portions of the Work indicated:

- 1. Concrete Work: _____.
- 2. Masonry Work: _____.
- 3. Roofing Work: _____.
- 4. Plumbing Work: _____.
- 5. HVAC Work: _____.
- 6. Electrical Work: _____.

1.8 TIME OF COMPLETION

A. Successful bidder shall begin the Work on receipt of the Notice to Proceed and shall complete the Work by Substantial Completion February 15, 2025. The work is subject to liquidated damages.

1.9 ACKNOWLEDGMENT OF ADDENDA

A. The undersigned Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:

- 1. Addendum No. 1, dated _____.
- 2. Addendum No. 2, dated _____.
- 3. Addendum No. 3, dated _____.
- 4. Addendum No. 4, dated _____.

1.10 BID SUPPLEMENTS

A. The following supplements are a part of this Bid Form and are attached hereto.

- 1. Bid Form Supplement - Bid Bond Form (AIA Document A310-2010).

1.11 CONTRACTOR'S LICENSE

A. The undersigned further states that it is a duly licensed contractor, for the type of work proposed, in Mississippi, and that all fees, permits, etc., pursuant to submitting this proposal have been paid in full.

1.12 SUBMISSION OF BID

- A. Respectfully submitted this _____ day of _____, 2023.
- B. Submitted By: _____ (Name of bidding firm or corporation).
- C. Authorized Signature: _____ (Handwritten signature).
- D. Signed By: _____ (Type or print name).
- E. Title: _____ (Owner/Partner/President/Vice President).
- F. Witnessed By: _____ (Handwritten signature).
- G. Attest: _____ (Handwritten signature).
- H. By: _____ (Type or print name).
- I. Title: _____ (Corporate Secretary or Assistant Secretary).
- J. Street Address: _____.
- K. City, State, Zip: _____.
- L. Email: _____.
- M. Phone: _____.
- N. License No.: _____.
- O. Federal ID No.: _____ (Affix Corporate Seal Here).

END OF DOCUMENT 004113

SECTION 012100 - ALLOWANCES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
- B. Types of allowances include the following:
 - 1. Lump-sum allowances.
 - 2. Contingency allowances.
- C. Related Requirements:
 - 1. Section 0140000 "Quality Requirements" for procedures governing the use of allowances for testing and inspection.
- D. The contingency allowance or any allowance shall have all overhead and profit added at bid time to the bid price, such that any expenditure of allowances cannot add any overhead and profit to them.

1.2 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection, or purchase and delivery, of each product or system described by an allowance must be completed by the Owner to avoid delaying the Work.
- B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by Architect from the designated supplier.

1.3 ACTION SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances in the form specified for Change Orders.

1.4 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.

- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.5 LUMP-SUM ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.

1.6 CONTINGENCY ALLOWANCES

- A. Use the contingency allowance only as directed by Architect for Owner's purposes and only by Change Orders that indicate amounts to be charged to the allowance.
- B. Contractor's overhead, profit, and related costs for products and equipment ordered by Owner are not included in the allowance and should be included in the contract sum and will not be charged as an addition to the contract sum. These costs include delivery, installation, taxes, insurance, equipment rental, and similar costs.
- C. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

1.7 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.
 - 1. Include installation costs in purchase amount only where indicated as part of the allowance.
 - 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other markups.
 - 3. Submit substantiation of a change in scope of Work, if any, claimed in Change Orders related to unit-cost allowances.
 - 4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.
- B. Submit claims for increased costs because of a change in scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.
 - 1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of Work has changed from what could have been foreseen from information in the Contract Documents.

2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

- A. Allowance No. 01: Lump Sum Contingency Allowance.
 1. Include the Sum of Two Hundred Fifty Thousand Dollars (\$250,000.00) total for Construction Contingency Allowance.
- B. Allowance No. 02: Utility Power Allowance.
 1. Include the Sum of Forty Thousand Dollars (\$40,000.00) total for utility power allowance.
- C. Allowance No. 03: Hardware Allowance for Base Bid.
 1. Include the Sum of Fifty Thousand Dollars (\$50,000.00) total for material allowance for hardware in base bid. This total is for material allowance only. All installation is to be included in base and alternate pricing separate from this allowance.
- D. Allowance No. 04: Hardware Allowance for Alternate #3.
 1. Include the Sum of Twenty Thousand Dollars (\$20,000.00) total for material allowance for alternate #3, this total is for material allowance only. All installation is to be included in base and alternate pricing separate from this allowance.

END OF SECTION 012100

SECTION 093013 - CERAMIC TILING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Glazed wall tile.
2. Thresholds.
3. Tile backing panels.
4. Waterproof membranes.
5. Setting material.
6. Grout materials.

1.2 DEFINITIONS

- A. General: Definitions in ANSI A108 series of tile installation standards and in ANSI A137.1 apply to Work of this Section unless otherwise specified.
- B. Face Size: Actual tile size, excluding spacer lugs.
- C. Large Format Tile: Tile with at least one edge **15 inches** or longer.
- D. Module Size: Actual tile size plus joint width indicated.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: Show locations, plans, and elevations, of each type of tile and tile pattern. Show widths, details, and locations of movement joints in tile substrates and finished tile surfaces. Show thresholds.
- C. Samples for Initial Selection: For tile, grout, and accessories involving color selection or shade variation.
- D. Samples for Verification:
 1. Full-size units of each type and composition of tile and for each color and finish required. For ceramic mosaic tile in color blend patterns, provide full sheets of each color blend.
 2. Assembled samples mounted on a rigid panel, with grouted joints, for each type and composition of tile and for each color and finish required. Make samples at least 12 inches square, but not fewer than four tiles. Use grout of type and in color or colors approved for completed Work.
 3. Full-size units of each type of trim and accessory for each color and finish required.
 4. Stone thresholds in **6-inch** lengths.
 5. Metal flooring transitions **6-inch** lengths.

E. Sustainable Design Submittals:

1. Environmental Product Declaration: For each product.
2. Health Product Declaration: For each product.
3. Sourcing of Raw Materials: Corporate sustainability report for each manufacturer.
4. Environmental Product Declaration: For each product.
5. Environmental Product Declaration: For each product.
6. Environmental Product Declaration: For each product.
7. Third-Party Certifications: For each product.
8. Third-Party Certified Life Cycle Assessment: For each product.
9. Product Data: For adhesives, indicating VOC content.
10. Laboratory Test Reports: For adhesives, indicating compliance with requirements for low-emitting materials.
11. Laboratory Test Reports: For sealers, indicating compliance with requirements for low-emitting materials.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Master Grade Certificates: For each shipment, type, and composition of tile, signed by tile manufacturer and Installer.
- C. Product Certificates: For each type of product, including product use classification.
- D. Product Test Reports:
 1. Tile-setting and -grouting products.
 2. Certified porcelain tile.
 3. Slip-resistance test reports from qualified independent testing agency.
- E. Field Quality-Control Reports: Water test reports of membrane in wet areas.

1.5 MAINTENANCE MATERIAL SUBMITTALS

- A. Extra Stock Material: Furnish extra materials, from the same production run, to Owner that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 1. Tile and Trim Units: Furnish quantity of full-size units equal to 3 percent of amount installed for each type, composition, color, pattern, and size indicated.
 2. Grout: Furnish quantity of grout equal to 3 percent of amount installed for each type, composition, and color indicated.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications:
 1. Installer is a Five-Star member of the National Tile Contractors Association, or, a Trowel of Excellence member of the Tile Contractors' Association of America.

2. Installer's supervisor for Project holds the International Masonry Institute's Supervisor Certification.
3. Installer employs only Ceramic Tile Education Foundation Certified Installers, or, installers recognized by the U.S. Department of Labor as Journeyman Tile Layers for Project.
4. Installer employs at least one installer for Project that has completed the Advanced Certification for Tile Installers (ACT) certification for installation of mud floors, membranes, shower receptors, and, large format tile.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store packaged materials in original containers with seals unbroken and labels intact until time of use. Comply with requirements in ANSI A137.1 for labeling tile packages.
- B. Store tile and cementitious materials on elevated platforms, under cover, and in a dry location.
- C. Store aggregates where grading and other required characteristics can be maintained and contamination can be avoided.
- D. Store liquid materials in unopened containers and protected from freezing.

1.8 FIELD CONDITIONS

- A. Environmental Limitations: Do not install tile until construction in spaces is complete and ambient temperature and humidity conditions are maintained at the levels indicated in referenced standards and manufacturer's written instructions.

1.9 WARRANTY

- A. System Warranty: Manufacturer's non-prorated comprehensive warranty that agrees to repair and replace defective installation areas, material, and labor that fail under normal usage within specified warranty period.
 1. Warranty Period: 10 years from date of Product Purchase.

PART 2 - PRODUCTS

2.1 PRODUCTS, GENERAL

- A. ANSI Ceramic Tile Standard: Provide tile that complies with ANSI A137.1 for types, compositions, and other characteristics indicated.
 1. Provide tile complying with Standard Grade requirements unless otherwise indicated.
- B. ANSI Standards for Tile Installation Materials: Provide materials complying with ANSI A108.02, ANSI standards referenced in other Part 2 articles, ANSI standards referenced by TCNA installation methods specified in tile installation schedules, and other requirements specified.

- C. Factory Blending: For tile exhibiting color variations within ranges, blend tile in factory and package so tile units taken from one package show same range in colors as those taken from other packages and match approved Samples.
- D. Mounting: For factory-mounted tile, provide back- or edge-mounted tile assemblies as standard with manufacturer unless otherwise indicated.
 - 1. Where tile is indicated for installation in wet areas, do not use back- or edge-mounted tile assemblies unless tile manufacturer specifies in writing that this type of mounting is suitable for installation indicated and has a record of successful in-service performance.
- E. Factory-Applied Temporary Protective Coating: Where indicated under tile type, protect exposed surfaces of tile against adherence of mortar and grout by precoating with continuous film of petroleum paraffin wax, applied hot. Do not coat unexposed tile surfaces.

2.2 PORCELAIN TILE

- A. Porcelain Tile Type -- PT2: [**Unglazed**] [**Glazed**] [**Chemical resistant**].
 - 1. Basis-of-Design Product: Subject to compliance with requirements, provide Pantheon; Main Street: 401, 24x24 or comparable product by one of the following:
 - a. American Olean; a brand of Dal-Tile Corporation
 - b. Crossville, Inc.
 - c. Daltile; a brand of Dal-Tile Corporation
 - d. Portobello America, Inc.
 - 2. Certification: Tile certified by the Porcelain Tile Certification Agency.
 - 3. Face Size: 24 by 24 inches.
 - 4. Face Size Variation: Rectified.
 - 5. Thickness: 3/8 inch.
 - 6. Product Use Classification: Interior, Wet (IW).
 - 7. Physical Properties: Chemical resistant when tested with indicated chemicals in accordance with ASTM C650.
 - 8. Tile Color, Glaze, and Pattern: As selected by Architect from manufacturer's full range.
 - 9. Grout Color: As selected by Architect from manufacturer's full range.
 - 10. Trim Units: Coordinated with sizes and coursing of adjoining flat tile where applicable and matching characteristics of adjoining flat tile. Provide shapes as follows, selected from manufacturer's standard shapes:
 - a. Base Cap: Surface bullnose, module size same as adjoining flat tile.
 - b. Wainscot Cap: Surface bullnose, module size same as adjoining flat tile.
 - c. Wainscot Cap for Flush Conditions: Regular flat tile for conditions where tile wainscot is shown flush with wall surface above it; same size as adjoining flat tile.
 - d. External Corners: Surface bullnose, module size same as adjoining flat tile.
 - e. Internal Corners: Field-buttet square corners.
 - f. Tapered Transition Tile: Shape designed to effect transition between thickness of tile floor and adjoining floor finishes of different thickness, tapered to provide reduction in thickness from **1/2 to 1/4 inch** across nominal **4-inch** dimension.
- B. Porcelain Tile Type -- PT1: Chemical resistant.
 - 1. Basis-of-Design Product: Subject to compliance with requirements, provide Porcelanosa; Morse Nature: Coal, 24x24 or comparable product by one of the following:
 - a. American Olean; a brand of Dal-Tile Corporation
 - b. Crossville, Inc.

- c. Daltile; a brand of Dal-Tile Corporation
- d. Portobello America, Inc.
2. Certification: Tile certified by the Porcelain Tile Certification Agency.
3. Face Size: 24 by 24 inches.
4. Face Size Variation: Rectified.
5. Thickness: 3/8 inch.
6. Product Use Classification: Interior, Wet (IW).
7. Physical Properties: Chemical resistant when tested with indicated chemicals in accordance with ASTM C650.
8. Tile Color, Glaze, and Pattern: As selected by Architect from manufacturer's full range.
9. Grout Color: As selected by Architect from manufacturer's full range.
10. Trim Units: Coordinated with sizes and coursing of adjoining flat tile where applicable and matching characteristics of adjoining flat tile. Provide shapes as follows, selected from manufacturer's standard shapes:
 - a. Base Cap: Surface bullnose, module size same as adjoining flat tile.
 - b. Wainscot Cap: Surface bullnose, module size same as adjoining flat tile.
 - c. Wainscot Cap for Flush Conditions: Regular flat tile for conditions where tile wainscot is shown flush with wall surface above it; same size as adjoining flat tile.
 - d. External Corners: Surface bullnose, module size same as adjoining flat tile.
 - e. Internal Corners: Field-butted square corners.
 - f. Tapered Transition Tile: Shape designed to effect transition between thickness of tile floor and adjoining floor finishes of different thickness, tapered to provide reduction in thickness from **1/2 to 1/4 inch** across nominal **4-inch** dimension.

2.3 GLAZED WALL TILE

A. Ceramic Wall Tile – PT3

1. Basis-of Design Product: Subject to compliance with requirements, provide Tilebar; Manchester Ceramic Tile (color Dew) or comparable product by one of the following:
 - a. American Olean; a brand of Dal-Tile Corporation
 - b. Crossville, Inc.
 - c. Daltile; a brand of Dal-Tile Corporation
2. Module Size: 3 by 12 inches.
3. Face Size Variation: Rectified.
4. Thickness: 5/16 inch.
5. Tile Color and Pattern: As selected by Architect from manufacturer's full range.

2.4 THRESHOLDS

- A. General: Fabricate to sizes and profiles indicated or required to provide transition between adjacent floor finishes.
 1. Bevel edges at 1:2 slope, with lower edge of bevel aligned with or up to **1/16 inch** above adjacent floor surface. Finish bevel to match top surface of threshold. Limit height of threshold to **1/2 inch** or less above adjacent floor surface.
- B. Granite Thresholds: ASTM C615/C615M, with polished finish.

1. Description:
 - a. Uniform, medium-grained, white stone without veining.

- C. Marble Thresholds: ASTM C503/C503M, with a minimum abrasion resistance of 10 in accordance with ASTM C1353/C1353M or ASTM C241/C241M and with honed finish.

1. Description:
 - a. Uniform, fine- to medium-grained white stone with gray veining.

- D. Solid-Surface Thresholds: Homogeneous-filled plastic resin complying with ISFA-02-01.

1. Description:
 - a. Type: Provide Standard type.
 - b. Colors and Patterns: As selected by Architect from manufacturer's full range.

2.5 TILE BACKING PANELS

- A. Cementitious Backer Units: ANSI A118.9 and ASTM C1288 or ASTM C1325, with manufacturer's standard edges in maximum lengths available to minimize end-to-end butt joints.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. CertainTeed; SAINT-GOBAIN
 - b. James Hardie Building Products, Inc.
 - c. PermaBASE Building Products, LLC provided by National Gypsum Company
 - d. USG Corporation
2. Thickness: 5/8 inch.
3. Mold Resistance: ASTM D3273, score of 10 as rated in accordance with ASTM D3274.

2.6 WATERPROOF MEMBRANES

- A. General: Manufacturer's standard product that complies with ANSI A118.10 and is recommended by manufacturer for application indicated. Include reinforcement and accessories recommended by manufacturer.

- B. Waterproof Membrane, Fluid Applied: Liquid-latex rubber or elastomeric polymer.

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Bostik; Arkema
 - b. Laticrete International, Inc.
 - c. MAPEI Corporation
 - d. Sika Corporation

2.7 SETTING MATERIALS

- A. Portland Cement Mortar (Thickset) Installation Materials: ANSI A108.02.

1. Cleavage Membrane: Installer's option of material that complies with ANSI A108.02, paragraph 3.8.
 2. Reinforcing Wire Fabric: Galvanized, welded-wire fabric, **2 by 2 inches** by **0.062-inch** diameter; comply with ASTM A1064/A1064M except for minimum wire size.
 3. Expanded Metal Lath: Diamond-mesh lath complying with ASTM C847.
 - a. Base Metal and Finish for Interior Applications: Uncoated or zinc-coated (galvanized) steel sheet, with uncoated steel sheet painted after fabrication into lath.
 - b. Base Metal and Finish for Exterior Applications: Zinc-coated (galvanized) steel sheet.
 - c. Configuration over Studs and Furring: Flat.
 - d. Configuration over Solid Surfaces: Self-furring.
 - e. Weight: 2.5 lb/sq. yd..
 4. Latex Additive: Manufacturer's standard water emulsion, serving as replacement for part or all of gaging water, of type specifically recommended by latex-additive manufacturer for use with field-mixed portland cement and aggregate mortar bed.
- B. Standard Dry-Set Mortar (Thinset): ANSI A118.1.
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Bostik; Arkema
 - b. Laticrete International, Inc.
 - c. MAPEI Corporation
 2. For wall applications, provide mortar that complies with requirements for nonsagging mortar in addition to other requirements in ANSI A118.1.

2.8 GROUT MATERIALS

- A. Sand-Portland Cement Grout: ANSI A108.10, consisting of white or gray cement and white or colored aggregate as required to produce color indicated.
- B. Water-Cleanable Epoxy Grout: ANSI A118.3, with a VOC content of 65 g/L or less.
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Bostik; Arkema
 - b. Laticrete International, Inc.
 - c. MAPEI Corporation
 - d. Sika Corporation
 2. Provide product capable of withstanding continuous and intermittent exposure to temperatures of up to **140 and 212 deg F**, respectively, and certified by manufacturer for intended use.
- C. Grout for Pregrouted Tile Sheets: Same product used in factory to pregrout tile sheets.

2.9 MISCELLANEOUS MATERIALS

- A. Trowelable Underlayments and Patching Compounds: Latex-modified, portland cement-based formulation provided or approved by manufacturer of tile-setting and adhesive materials for installations indicated.
- B. Vapor-Retarder Membrane: Polyethylene sheeting, ASTM D4397, **4.0 mils** thick.
- C. Metal Flooring Transitions: Profile designed specifically for flooring applications; height to match tile and setting-bed thickness.
 - 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Blanke Corporation
 - b. Dural USA, Inc.
 - c. Profilitec Corp.
 - d. Schluter Systems L.P.
 - 2. Description: L-shaped.
 - 3. Material and Finish: Metallic or combination of metal and PVC or neoprene base; color-coated aluminum exposed-edge material.
 - a. Color: Gray.
- D. Metal Edge Trim: Profile designed for wall terminations and edge protection.
 - 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Blanke Corporation
 - b. Dural USA, Inc.
 - c. Profilitec Corp.
 - d. Schluter Systems L.P.
 - 2. Description: Beveled.
 - 3. Terminations: End caps matching edge-protection profile.
 - 4. Material and Finish: Color-coated aluminum exposed-edge material.
 - a. Color: As selected from Manufacturers full Catalog.
- E. Temporary Protective Coating: Formulated to protect exposed surfaces of tile against adherence of mortar and grout; compatible with tile, mortar, and grout products and easily removable after grouting is completed without damaging grout or tile.
- F. Tile Cleaner: A neutral cleaner capable of removing soil and residue without harming tile and grout surfaces, specifically approved for materials and installations indicated by tile and grout manufacturers.
- G. Grout Sealer: Grout manufacturer's standard product for sealing grout joints that does not change color or appearance of grout.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions where tile will be installed, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
1. Verify that substrates for setting tile are firm; dry; clean; free of coatings that are incompatible with tile-setting materials, including curing compounds and other substances that contain soap, wax, oil, or silicone; and comply with flatness tolerances required by ANSI A108.01 for installations indicated.
 2. Verify that concrete substrates for tile floors installed with thinset mortar comply with surface finish requirements in ANSI A108.01 for installations indicated.
 - a. Verify that surfaces that received a steel trowel finish have been mechanically scarified.
 - b. Verify that protrusions, bumps, and ridges have been removed by sanding or grinding.
 3. Verify that installation of grounds, anchors, recessed frames, electrical and mechanical units of work, and similar items located in or behind tile has been completed.
 4. Verify that joints and cracks in tile substrates are coordinated with tile joint locations; if not coordinated, adjust joint locations in consultation with Architect.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Remove coatings, including curing compounds or other coatings, that are incompatible with tile-setting materials.
- B. Fill cracks, holes, and depressions in concrete substrates for tile floors installed with thinset mortar with trowelable leveling and patching compound specifically recommended by tile-setting material manufacturer.
- C. Where indicated, prepare substrates to receive waterproof membrane by applying a reinforced mortar bed that complies with ANSI A108.1 and is sloped **1/4 inch per foot** toward drains.
- D. Blending: For tile exhibiting color variations, verify that tile has been factory blended and packaged so tile units taken from one package show same range of colors as those taken from other packages and match approved Samples. If not factory blended, either return to manufacturer or blend tiles at Project site before installing.
- E. Substrate Flatness:
1. For tile shorter than **15 inches**, confirm that structure or substrate is limited to variation of **1/4 inch in 10 ft.** from the required plane, and no more than **1/16 inch in 12 inches** when measured from tile surface high points.
 2. For large format tile, tile with at least one edge **15 inches** or longer, confirm that structure or substrate is limited to **1/8 inch in 10 ft.** from the required plane, and no more than **1/16 inch in 24 inches** when measured from tile surface high points.

- F. Field-Applied Temporary Protective Coating: If indicated under tile type or needed to prevent grout from staining or adhering to exposed tile surfaces, precoat them with continuous film of temporary protective coating, taking care not to coat unexposed tile surfaces.

3.3 INSTALLATION OF CERAMIC TILE SYSTEM

- A. Install tile backing panels and treat joints in accordance with ANSI A108.11 and manufacturer's written instructions for type of application indicated.
- B. Install waterproof membrane to comply with ANSI A108.13 and manufacturer's written instructions to produce waterproof membrane of uniform thickness that is bonded securely to substrate.
 - 1. Allow waterproof membrane to cure and verify by testing that it is watertight before installing tile or setting materials over it.
- C. Install crack isolation membrane to comply with ANSI A108.17 and manufacturer's written instructions to produce membrane of uniform thickness that is bonded securely to substrate.
 - 1. Allow crack isolation membrane to cure before installing tile or setting materials over it.
- D. Mix mortars and grouts to comply with referenced standards and mortar and grout manufacturers' written instructions.
 - 1. Add materials, water, and additives in accurate proportions.
 - 2. Obtain and use type of mixing equipment, mixer speeds, mixing containers, mixing time, and other procedures to produce mortars and grouts of uniform quality with optimum performance characteristics for installations indicated.
- E. Install tile in accordance with TCNA's "Handbook for Ceramic, Glass, and Stone Tile Installation" for TCNA installation methods specified in tile installation schedules. Comply with parts of ANSI A108 series that are referenced in TCNA installation methods and specified in tile installation schedules, and apply to types of setting and grouting materials used.
 - 1. For the following installations, follow procedures in ANSI A108 series of tile installation standards for providing 95 percent mortar coverage:
 - a. Exterior tile floors and walls.
 - b. Tile floors in wet areas.
 - c. Tile swimming pool decks.
 - d. Tile floors in laundries.
 - e. Tile floors consisting of tiles **8 by 8 inches** or larger.
 - f. Tile floors consisting of rib-backed tiles.
 - 2. Extend tile work into recesses and under or behind equipment and fixtures to form complete covering without interruptions unless otherwise indicated. Terminate work neatly at obstructions, edges, and corners without disrupting pattern or joint alignments.
 - 3. Accurately form intersections and returns. Perform cutting and drilling of tile without marring visible surfaces. Carefully grind cut edges of tile abutting trim, finish, or built-in items for straight aligned joints. Fit tile closely to electrical outlets, piping, fixtures, and other penetrations so plates, collars, or covers overlap tile.
 - 4. Provide manufacturer's standard trim shapes where necessary to eliminate exposed tile edges.
 - 5. Where accent tile differs in thickness from field tile, vary setting-bed thickness so that tiles are flush.

6. Jointing Pattern: Lay tile in grid pattern unless otherwise indicated. Lay out tile work and center tile fields in both directions in each space or on each wall area. Lay out tile work to minimize use of pieces that are less than half of a tile. Provide uniform joint widths unless otherwise indicated.
 - a. For tile mounted in sheets, make joints between tile sheets same width as joints within tile sheets, so joints between sheets are not apparent in finished Work.
 - b. Where adjoining tiles on floor, base, walls, or trim are specified or indicated to be same size, align joints.
 - c. Where tiles are specified or indicated to be whole integer multiples of adjoining tiles on floor, base, walls, or trim, align joints unless otherwise indicated.
 7. Lay out tile wainscots to dimensions indicated or to next full tile beyond dimensions indicated.
- F. Movement Joints: Provide movement joints and other sealant-filled joints, including control, contraction, and isolation joints, where indicated on Drawings. Form joints during installation of setting materials, mortar beds, and tile. Keep joints free of dirt, debris, and setting materials prior to filling with sealants. Do not saw-cut joints after installing tiles.
1. Where joints occur in concrete substrates, locate joints in tile surfaces directly above them.
- G. Thresholds: Install stone and solid surface thresholds in same type of setting bed as adjacent floor unless otherwise indicated.
1. At locations where mortar bed (thickset) would otherwise be exposed above adjacent floor finishes, set thresholds in improved modified dry-set mortar (thinset).
 2. Do not extend waterproof membrane under thresholds set in improved modified dry-set mortar. Fill joints between such thresholds and adjoining tile set on waterproof membrane with elastomeric sealant.
- H. Metal Flooring Transitions: Install where exposed edge of tile flooring meets carpet, wood, or other flooring that finishes flush with or below top of tile and no threshold is indicated.
- I. Metal Wall Trim: Install at locations indicated on Drawings.
- J. Grout Sealer: Apply grout sealer to cementitious grout joints in tile floors in accordance with manufacturer's written instructions. As soon as sealer has penetrated grout joints, remove excess sealer and sealer from tile faces by wiping with soft cloth.
- 3.4 FIELD QUALITY CONTROL
- A. Water Test:
1. Test of waterproofing membrane in showers and similar areas to be performed by Installation Contractor before setting tile.
 - a. Perform test after 24 hours of waterproof membrane installation.
 - b. Insert test plug in drain or waste line.
 - c. Fill shower base with water, high enough that the membrane-to-drain connection and floor-to-wall transition can be evaluated, and mark wall.
 - d. Check for leaks after 24 hours.
 2. Test to be witnessed by authorities having jurisdiction.

B. Nonconforming Work:

1. Waterproof membrane will be considered defective if water level has dropped.
2. Remove and replace defective components and retest.

3.5 ADJUSTING AND CLEANING

- A. Remove and replace tile that is damaged or that does not match adjoining tile. Provide new matching units, installed as specified and in a manner to eliminate evidence of replacement.
- B. Cleaning: On completion of placement and grouting, clean all ceramic tile surfaces so they are free of foreign matter.
 1. Remove grout residue from tile as soon as possible.
 2. Clean grout smears and haze from tile in accordance with tile and grout manufacturer's written instructions. Use only cleaners recommended by tile and grout manufacturers and only after determining that cleaners are safe to use by testing on samples of tile and other surfaces to be cleaned. Protect metal surfaces and plumbing fixtures from effects of cleaning. Flush surfaces with clean water before and after cleaning.

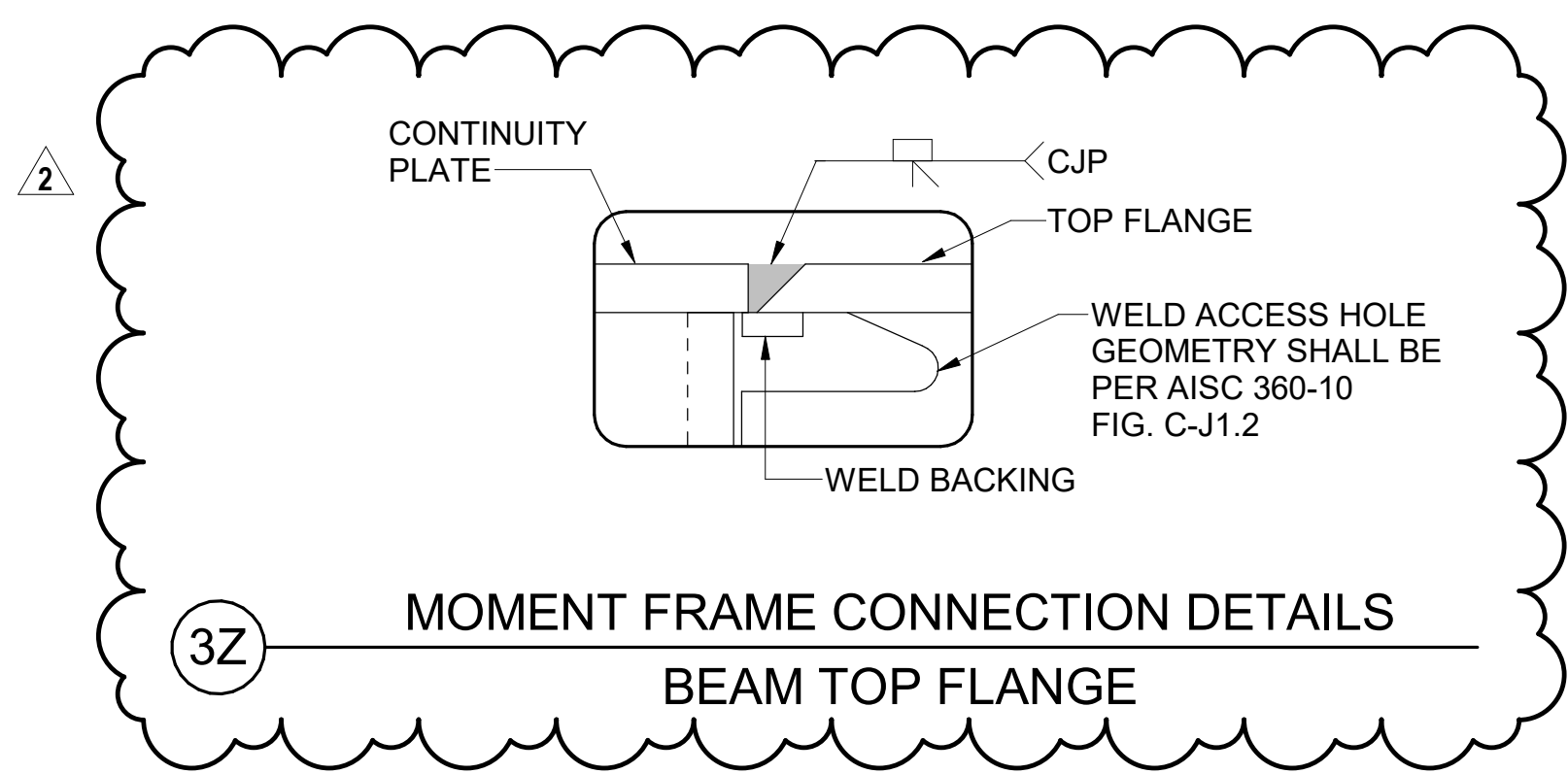
3.6 PROTECTION

- A. Protect installed tile work with kraft paper or other heavy covering during construction period to prevent staining, damage, and wear. If recommended by tile manufacturer, apply coat of neutral protective cleaner to completed tile walls and floors.
- B. Prohibit foot and wheel traffic from tiled floors for at least seven days after grouting is completed.
- C. Before final inspection, remove protective coverings and rinse neutral protective cleaner from tile surfaces.

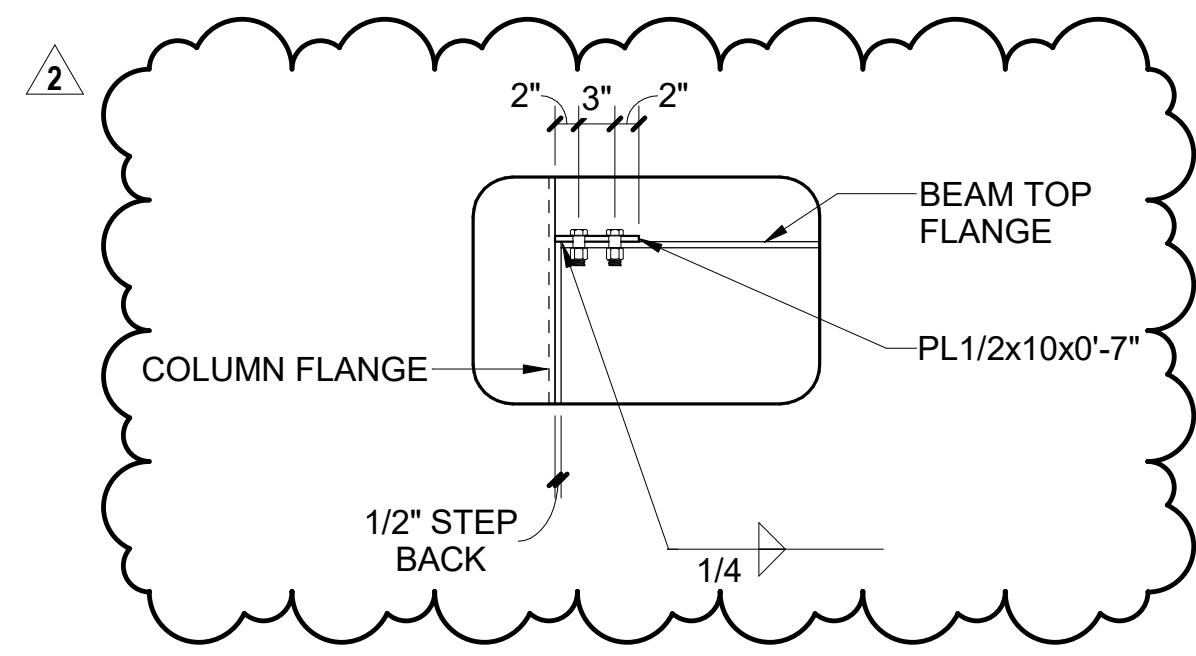
END OF SECTION 093013

NOTES:

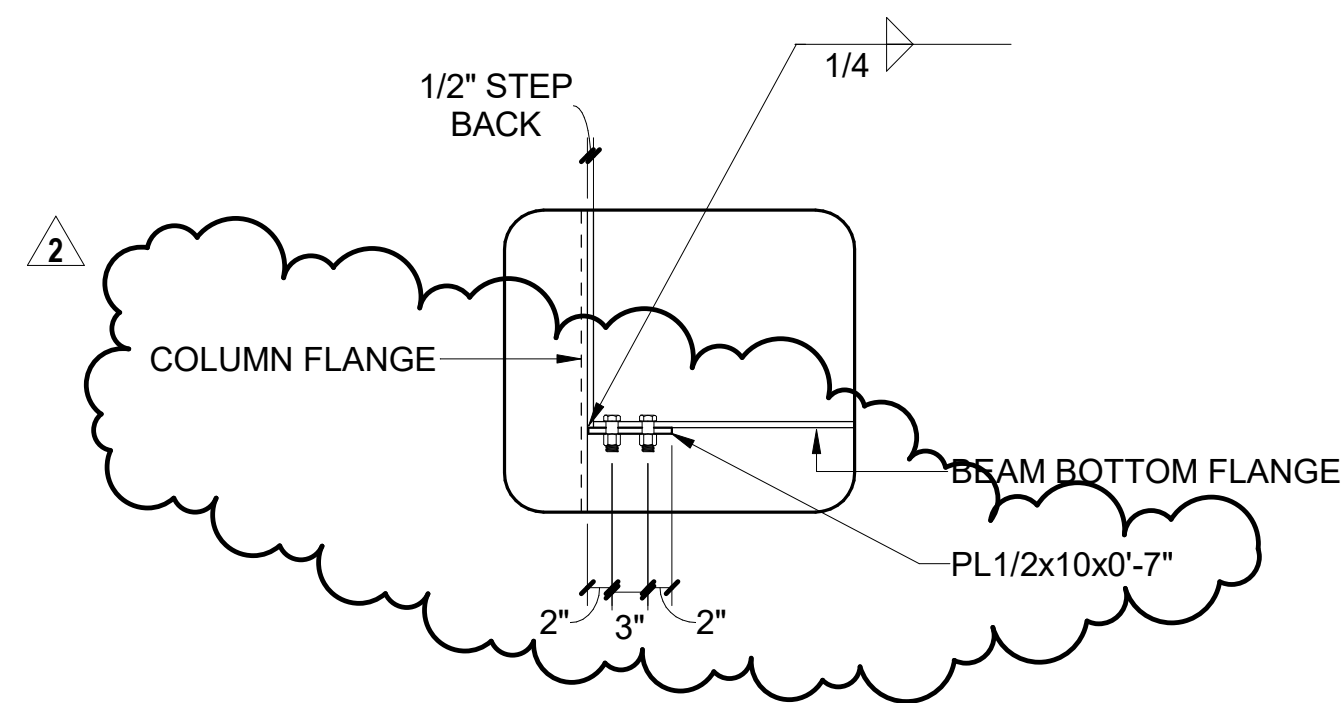
1. JOINT DETAIL SYMMETRICAL ABOUT COLUMN CENTERLINE AT INTERIOR COLUMNS
2. CONTINUITY PLATES SHALL BE ASTM A572, GRADE 50 STEEL
3. SHEAR CONNECTION PLATE AND BOLTS SHALL BE DESIGNED FOR THE REACTIONS SHOWN ON THE PLANS OR MOMENT FRAME ELEVATIONS.



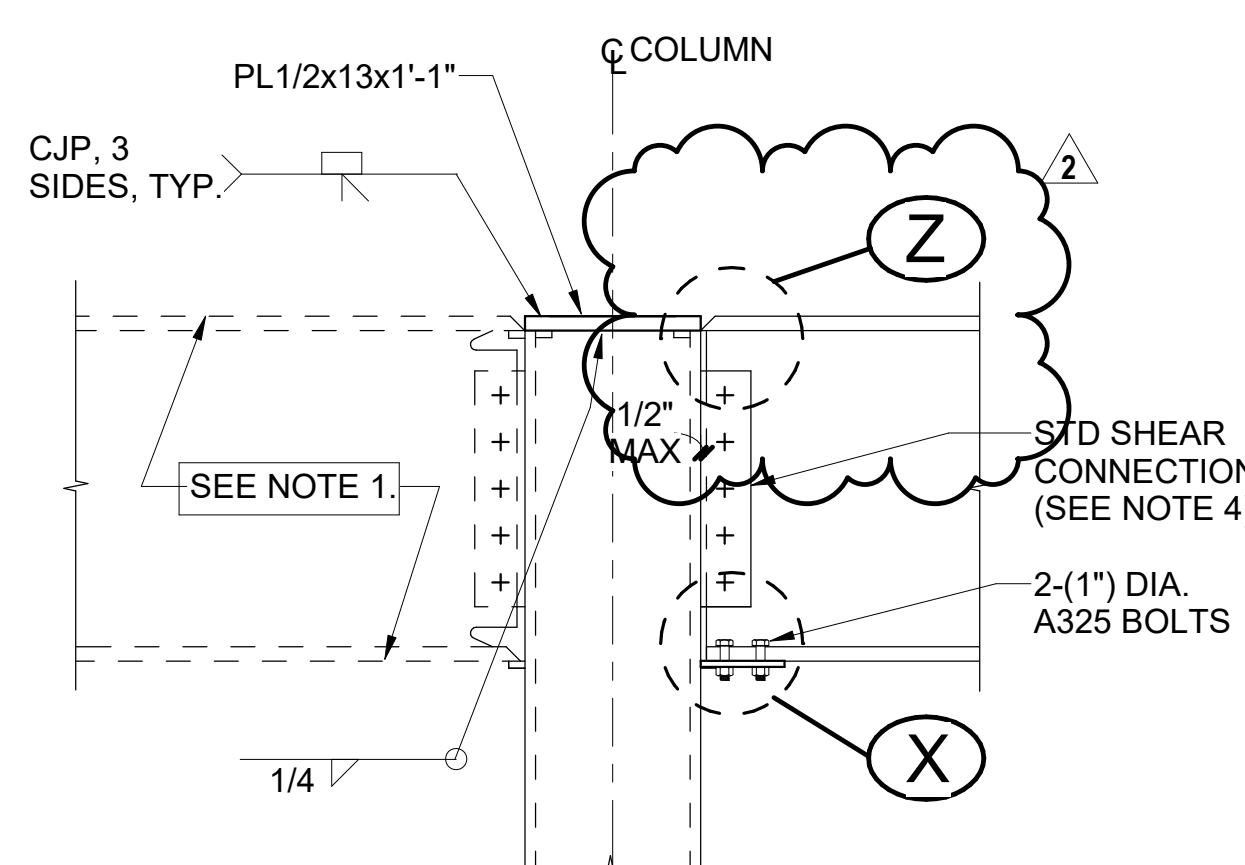
3Z MOMENT FRAME CONNECTION DETAILS
BEAM TOP FLANGE



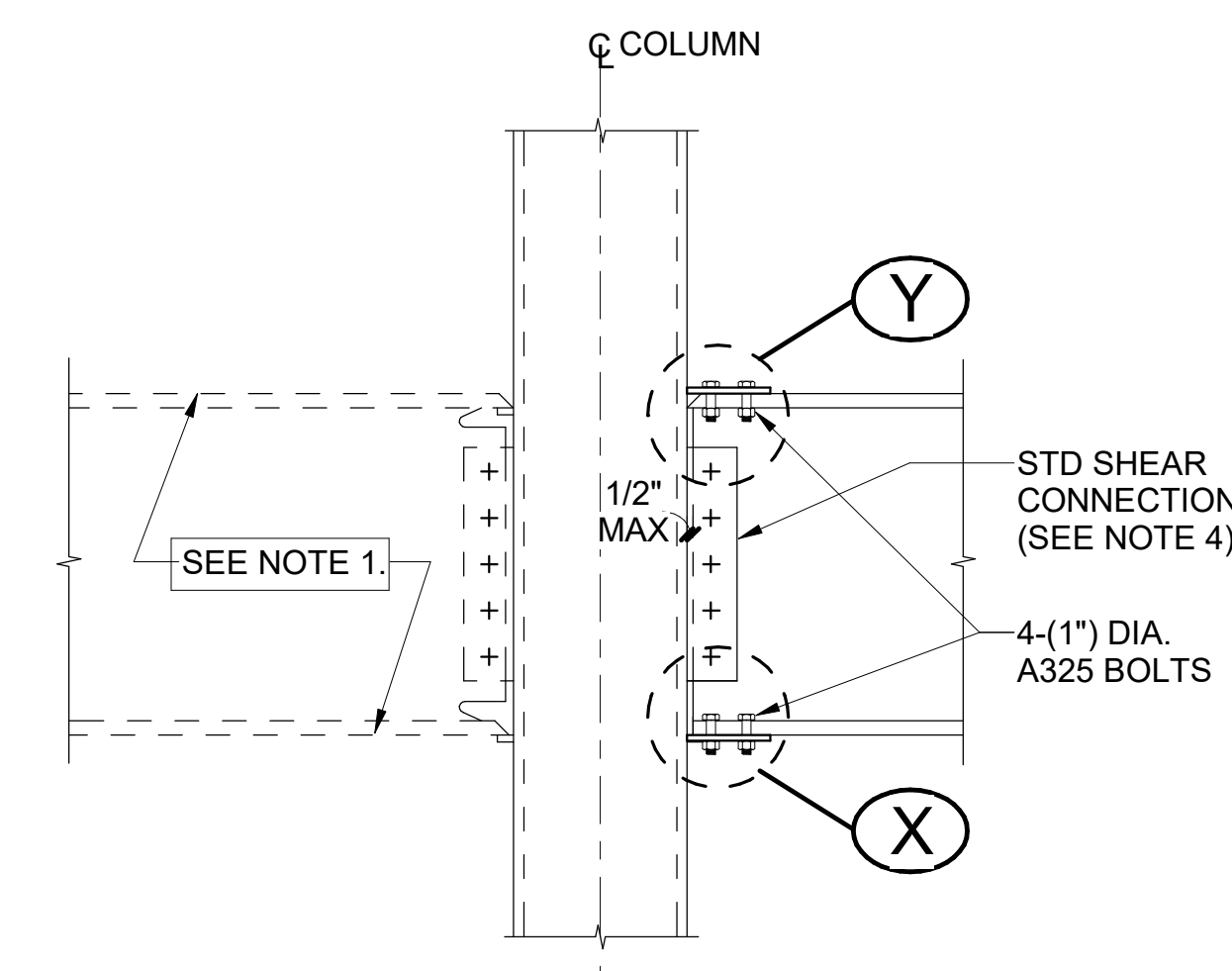
3Y MOMENT FRAME CONNECTION DETAILS
BEAM TOP FLANGE



3X MOMENT FRAME CONNECTION DETAILS
BEAM BOTTOM FLANGE

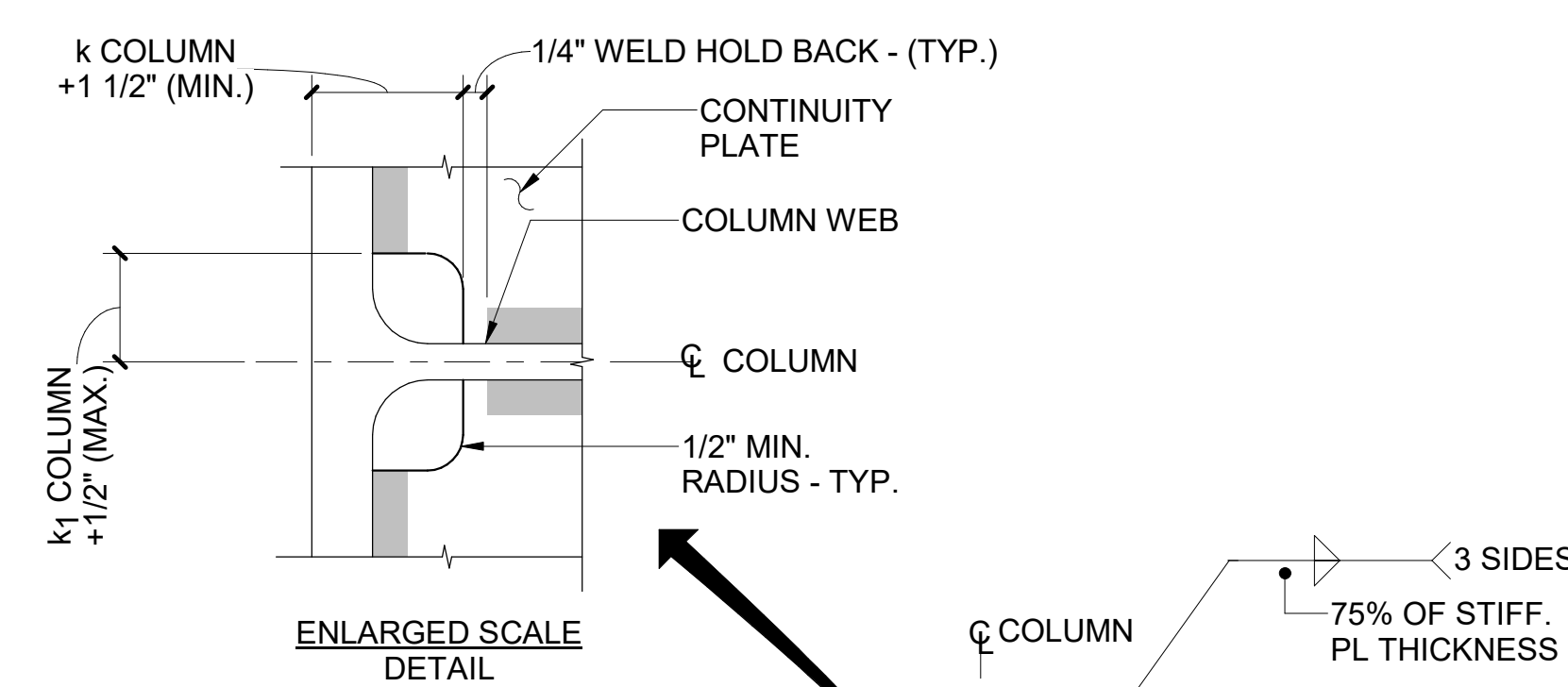


3B DETAIL AT ROOF WITHOUT DOUBLER PLATES

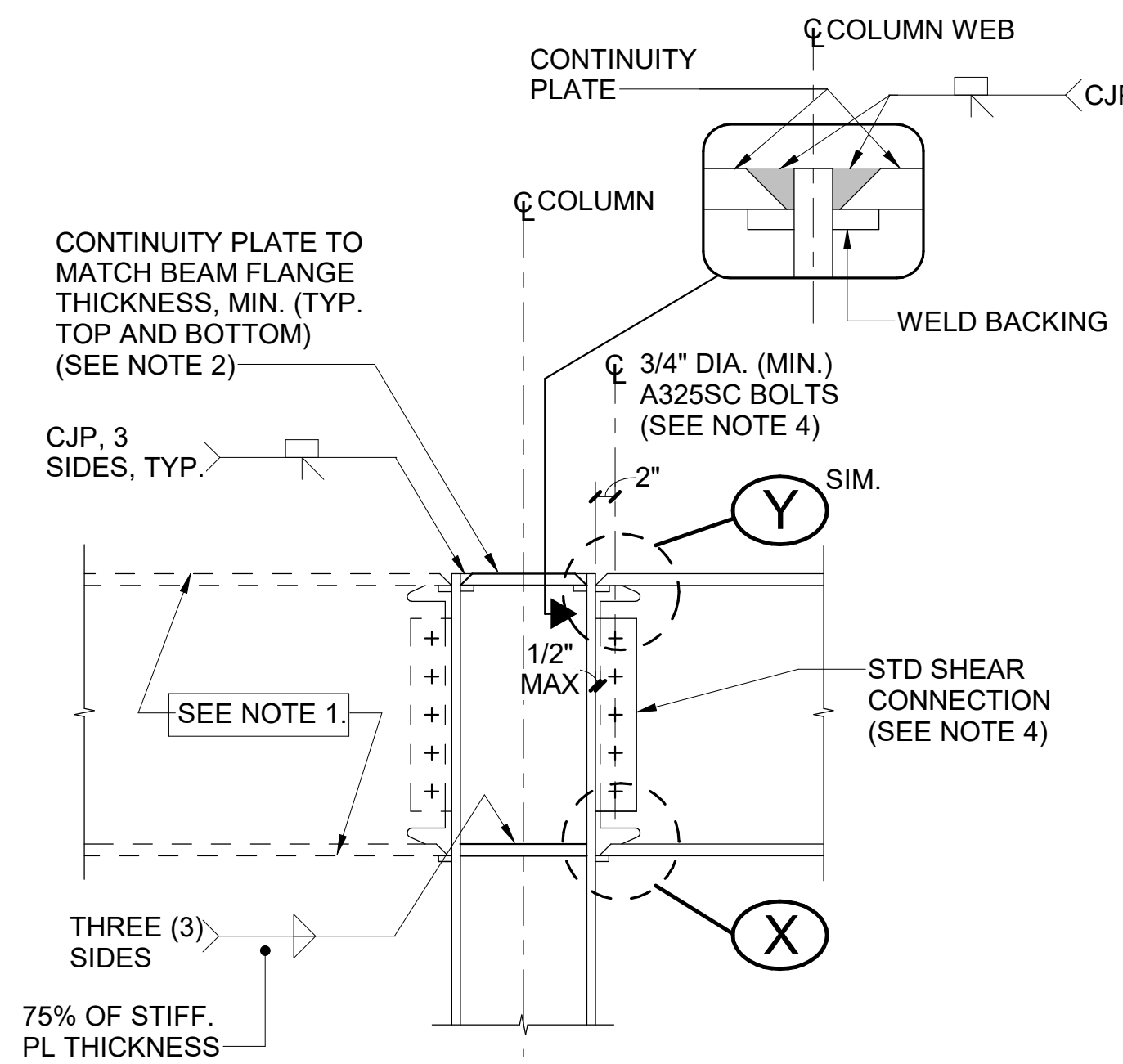


3A DETAIL AT FLOOR WITHOUT DOUBLER PLATES

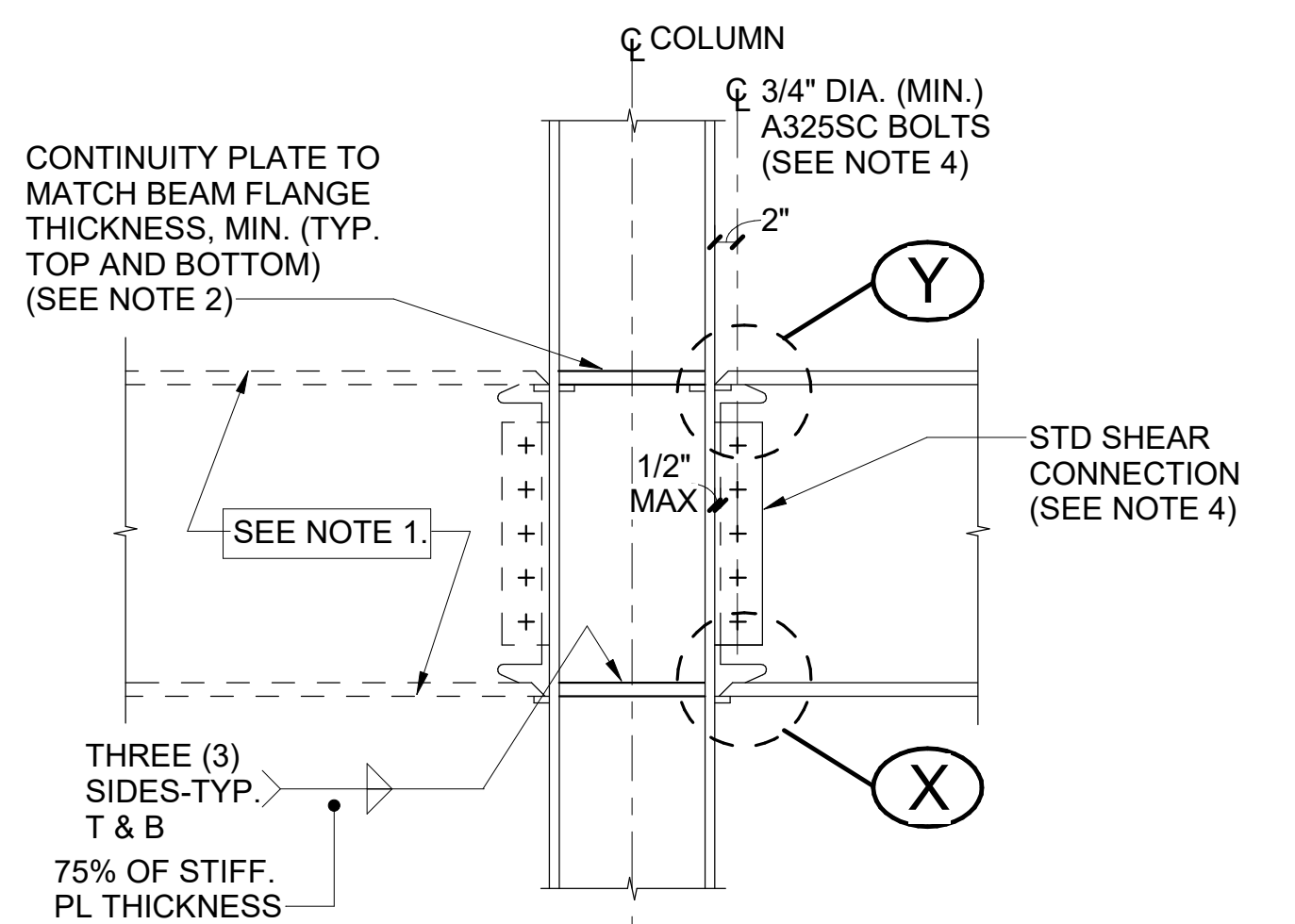
3 MOMENT FRAME CONNECTION DETAILS
AT HSS TUBES



2C PLAN DETAIL WITHOUT DOUBLER PLATE

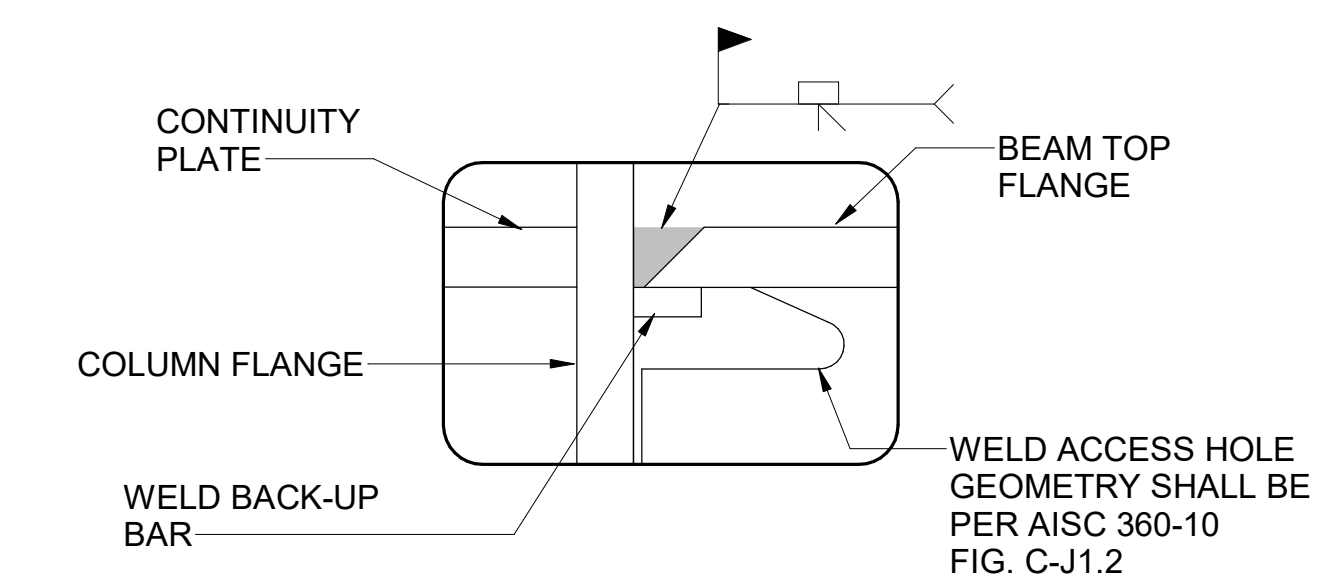


2B DETAIL AT ROOF WITHOUT DOUBLER PLATES

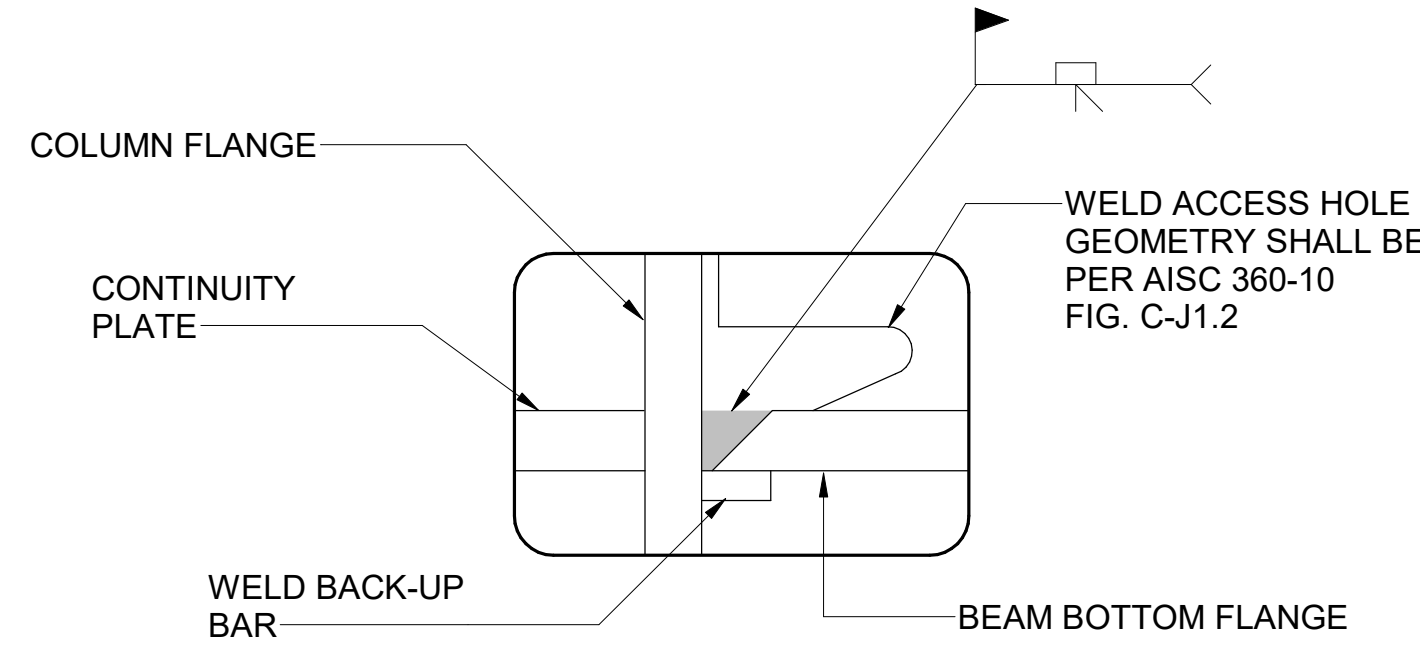


2A DETAIL AT FLOOR WITHOUT DOUBLER PLATES

- NOTES:
1. JOINT DETAIL SYMMETRICAL ABOUT COLUMN CENTERLINE AT INTERIOR COLUMNS
 2. CONTINUITY PLATES SHALL BE ASTM A572, GRADE 50 STEEL
 3. SHEAR CONNECTION PLATE AND BOLTS SHALL BE DESIGNED FOR THE REACTIONS SHOWN ON THE PLANS OR MOMENT FRAME ELEVATIONS.



2Y MOMENT FRAME CONNECTION DETAILS
BEAM TOP FLANGE

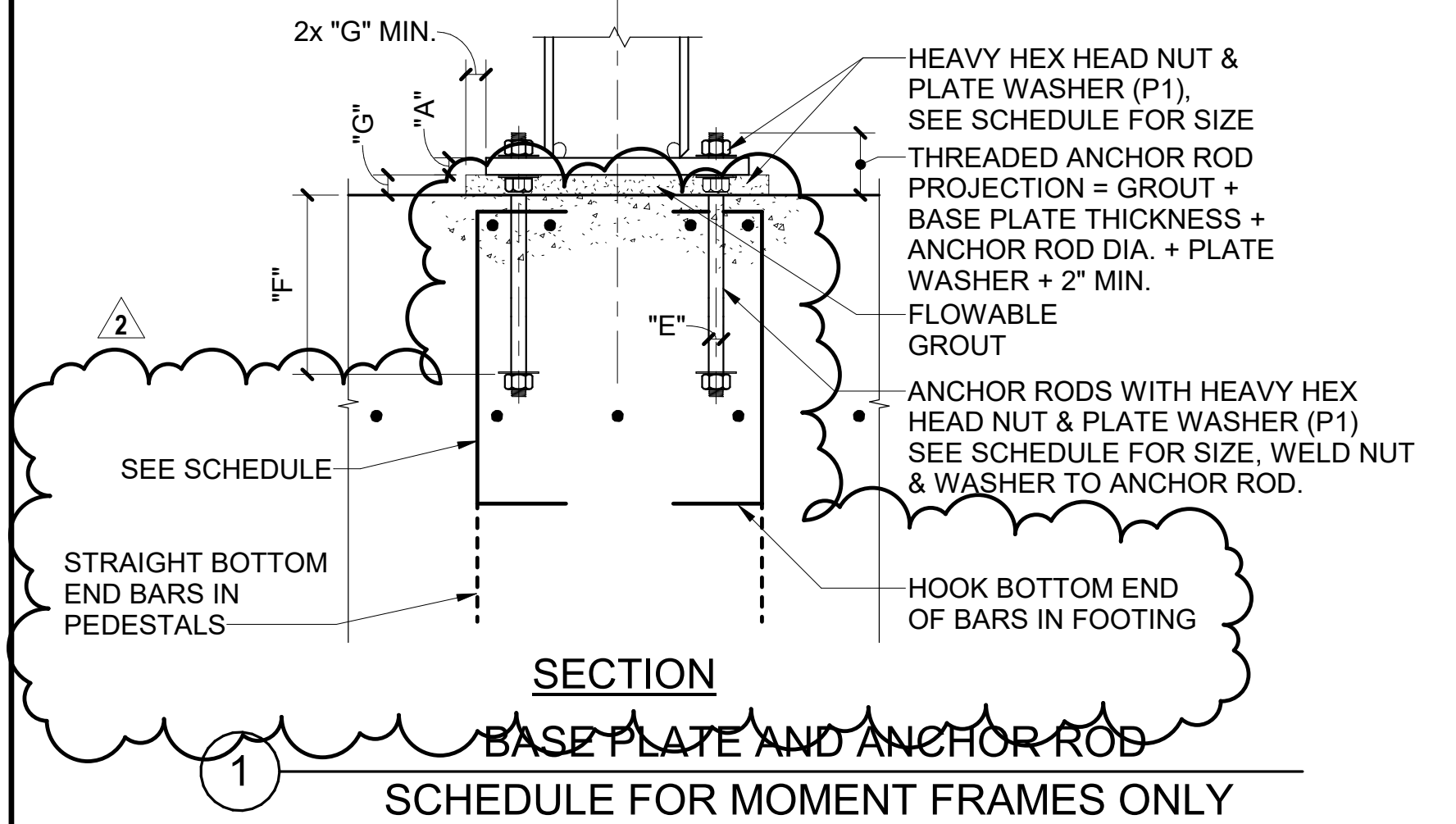
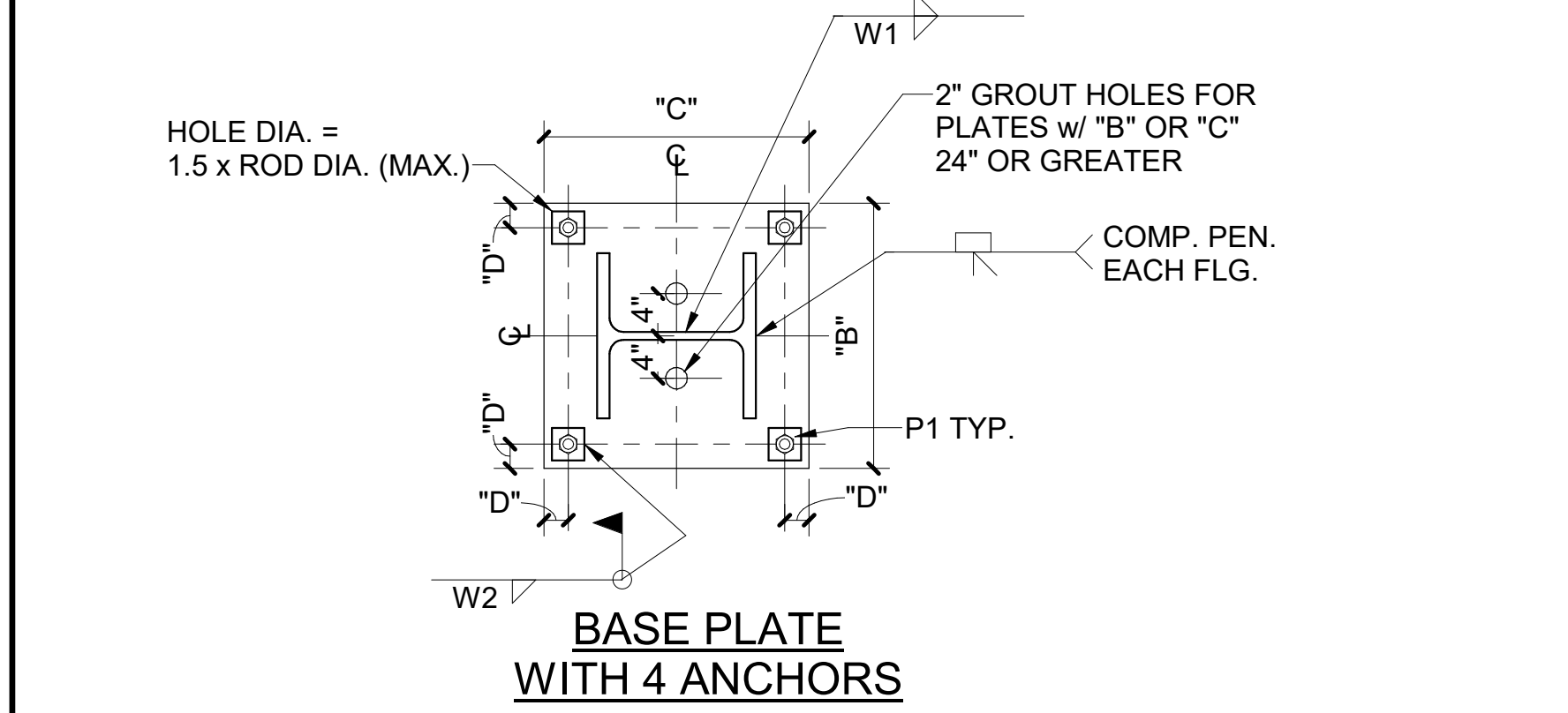
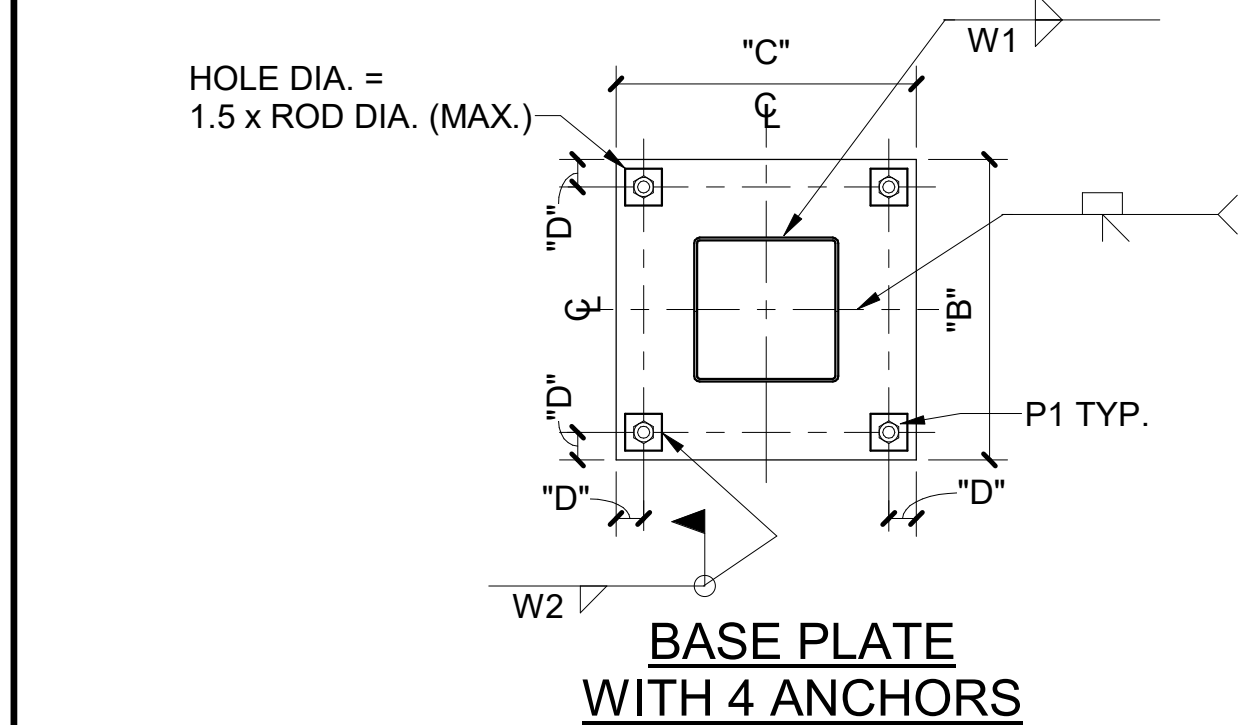
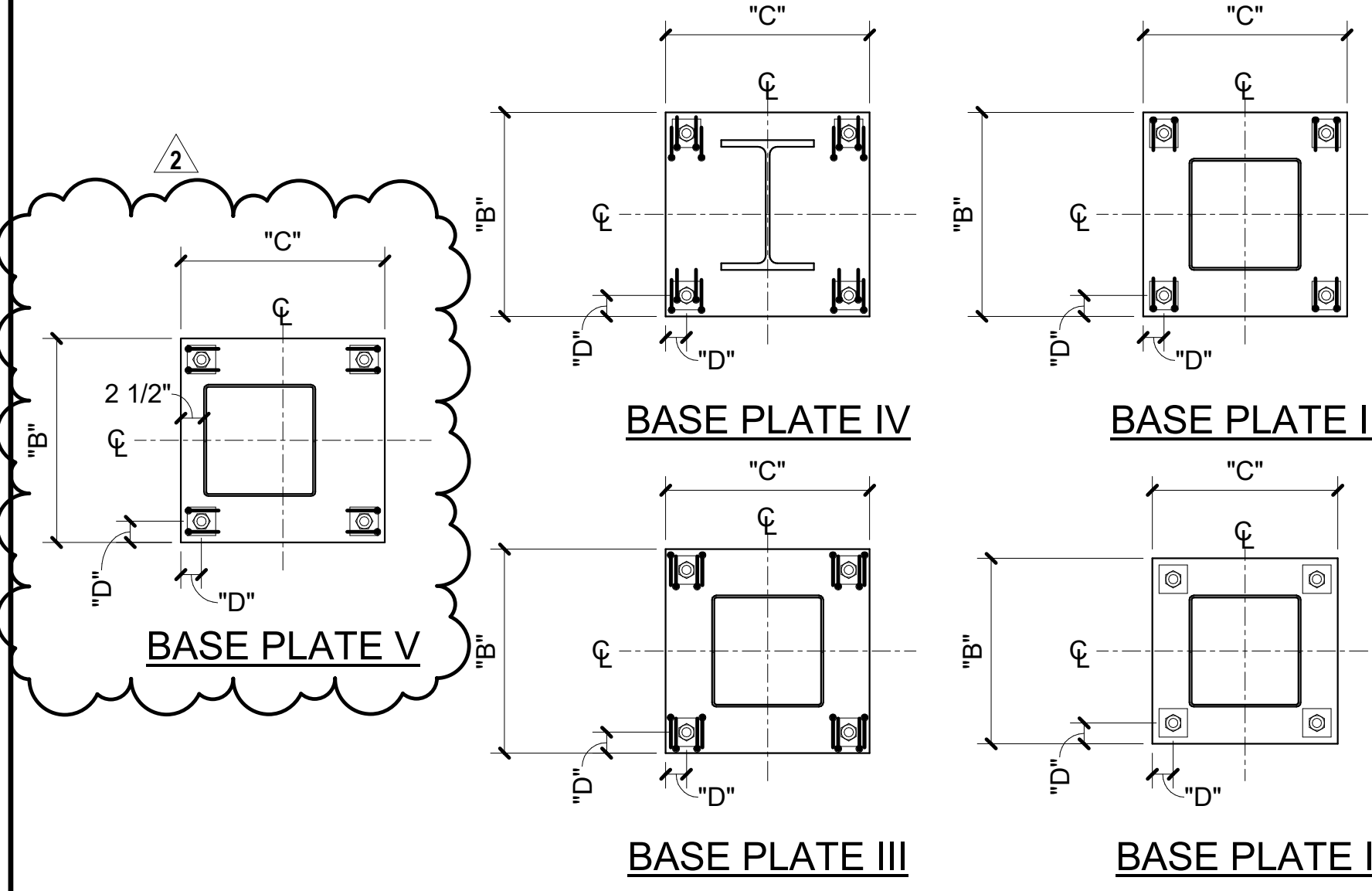


2X ENLARGED SCALE DETAIL AT
BEAM BOTTOM FLANGE

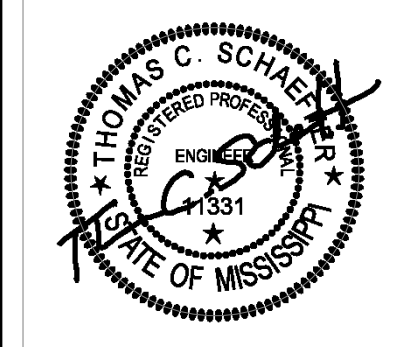
2 MOMENT FRAME CONNECTION DETAILS
AT WIDE FLANGES

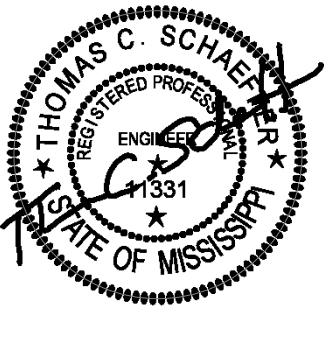
BASE PLATE MARK	BASE PLATE				* ANCHOR RODS			GROUT	WELD	PLATE WASHER		PLATE TYPE	REINF.
	A	B	C	D	No.	E	F			P1	W2		
1	1 1/2"	16"	16"	2"	4"	1 1/2"	18"	2"	3/16"	PL2x3x3/16	3/16"	I	8-#6
2	1 1/2"	22"	22"	2 1/4"	4"	1 1/2"	18"	2 1/2"	3/16"	PL3x3x3/16	3/16"	II	8-#6
3	1 1/2"	20"	20"	2"	4"	1"	15"	2"	3/16"	PL2x2x3/16	3/16"	I	-
4	1 1/2"	22"	22"	2 1/4"	4"	1 1/2"	18"	2 1/2"	3/16"	PL3x3x3/16	3/16"	III	16-#5
5	2 1/4"	26"	26"	3"	4"	2"	18"	3"	3/16"	PL4x4x3/8	3/16"	IV	16-#6
6	2 1/4"	22"	22"	2 1/4"	4"	1 1/2"	18"	2 1/2"	3/16"	PL5x5x3/16	3/16"	IV	16-#5

* NOTE: ANCHOR RODS FOR MOMENT FRAMES TO BE ASTM F1554, GRADE 55.

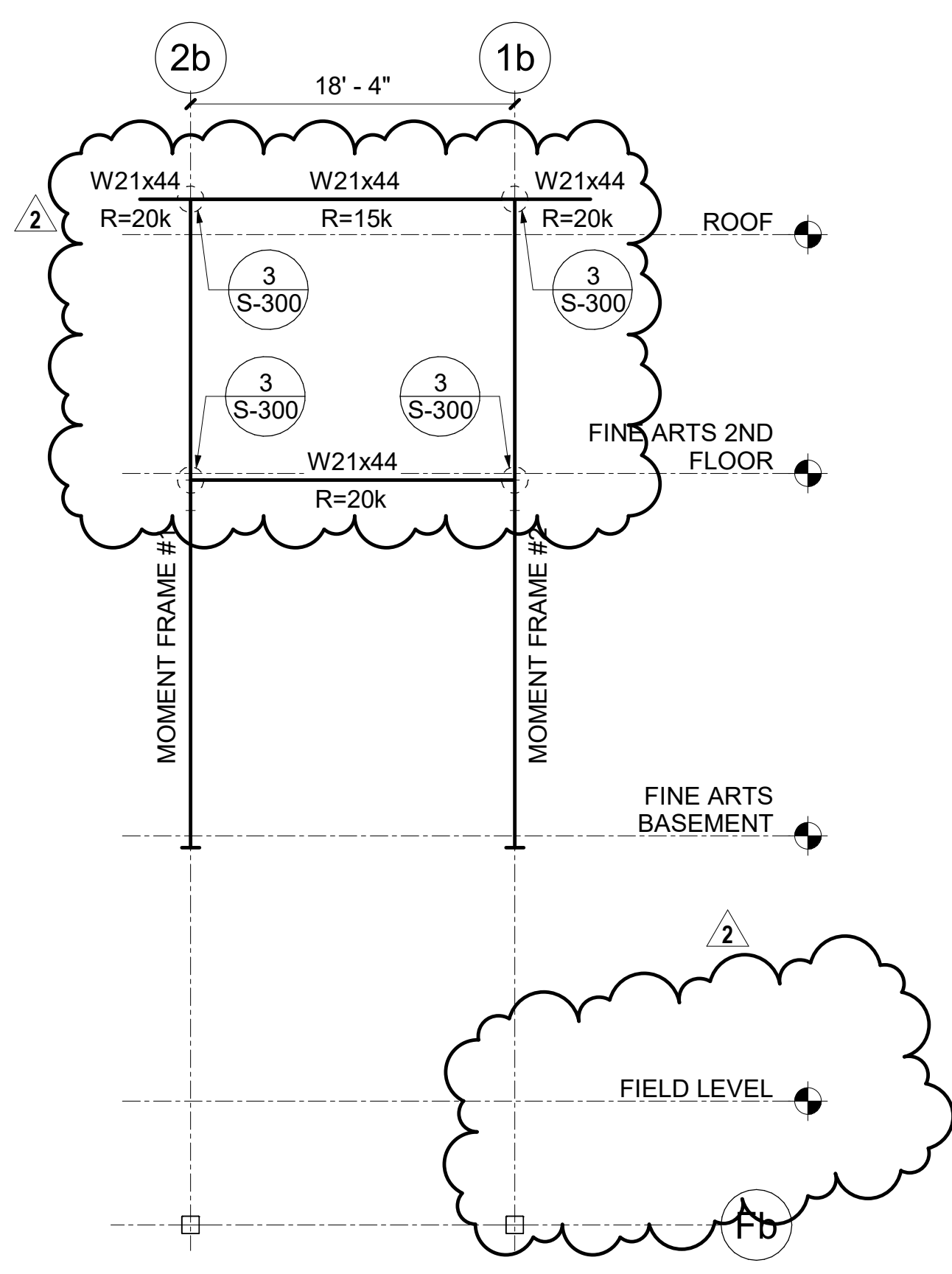


SECTION BASE PLATE AND ANCHOR ROD
SCHEDULE FOR MOMENT FRAMES ONLY

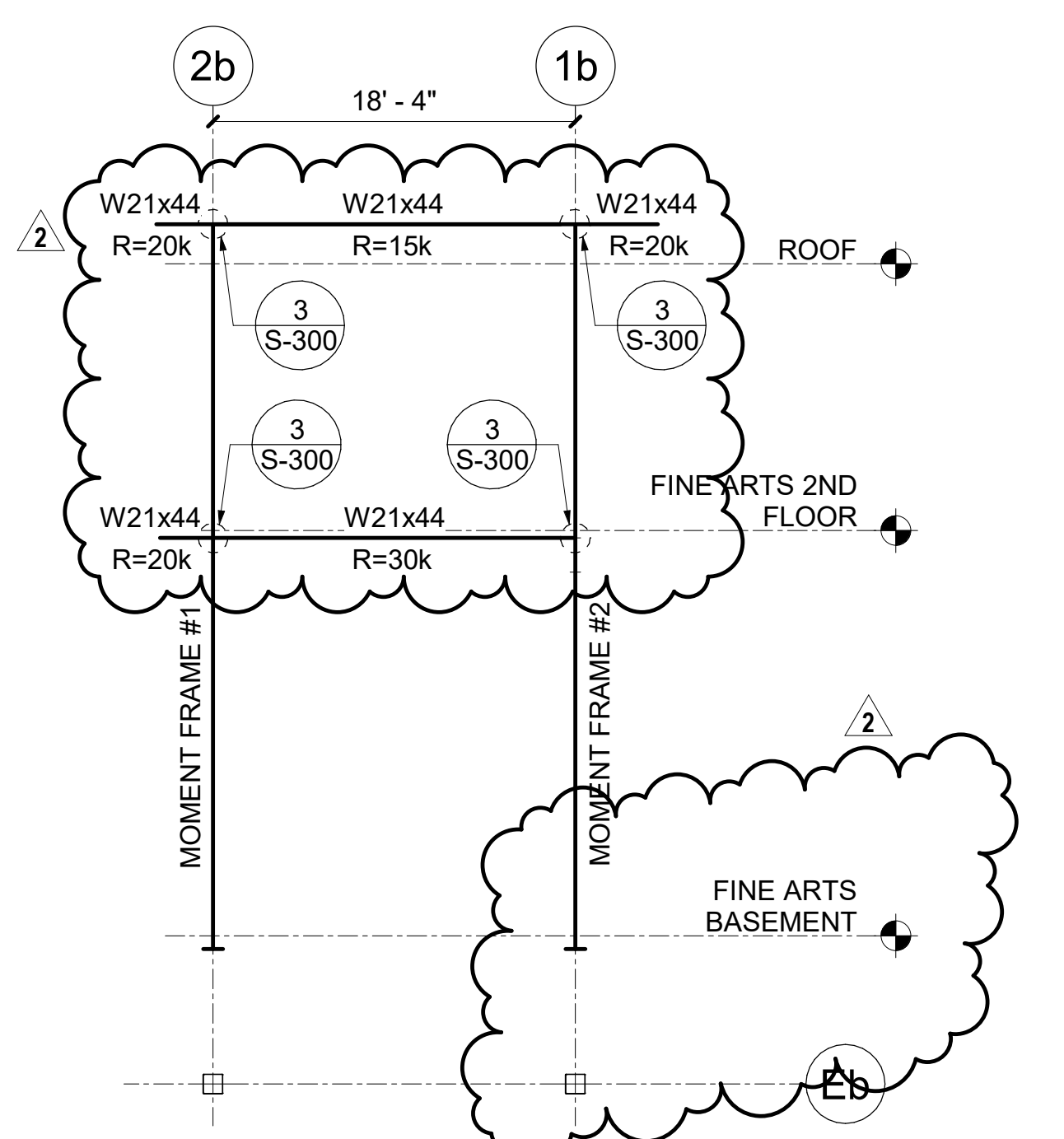




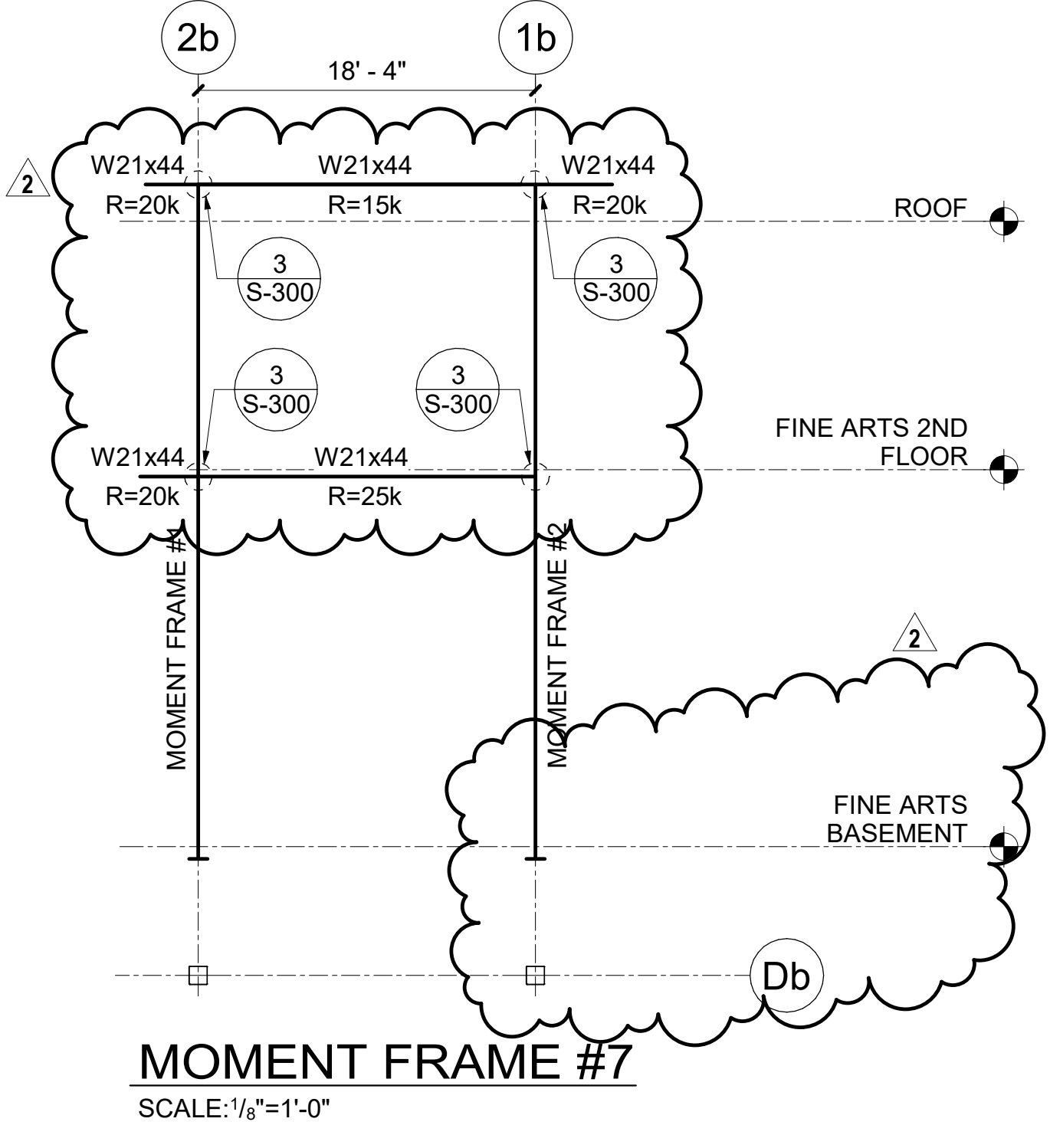
NOTE:
FOR MOMENT FRAME BEAMS
SUPPORTING COMPOSITE SLABS,
PROVIDE STUDS @12" C/C.



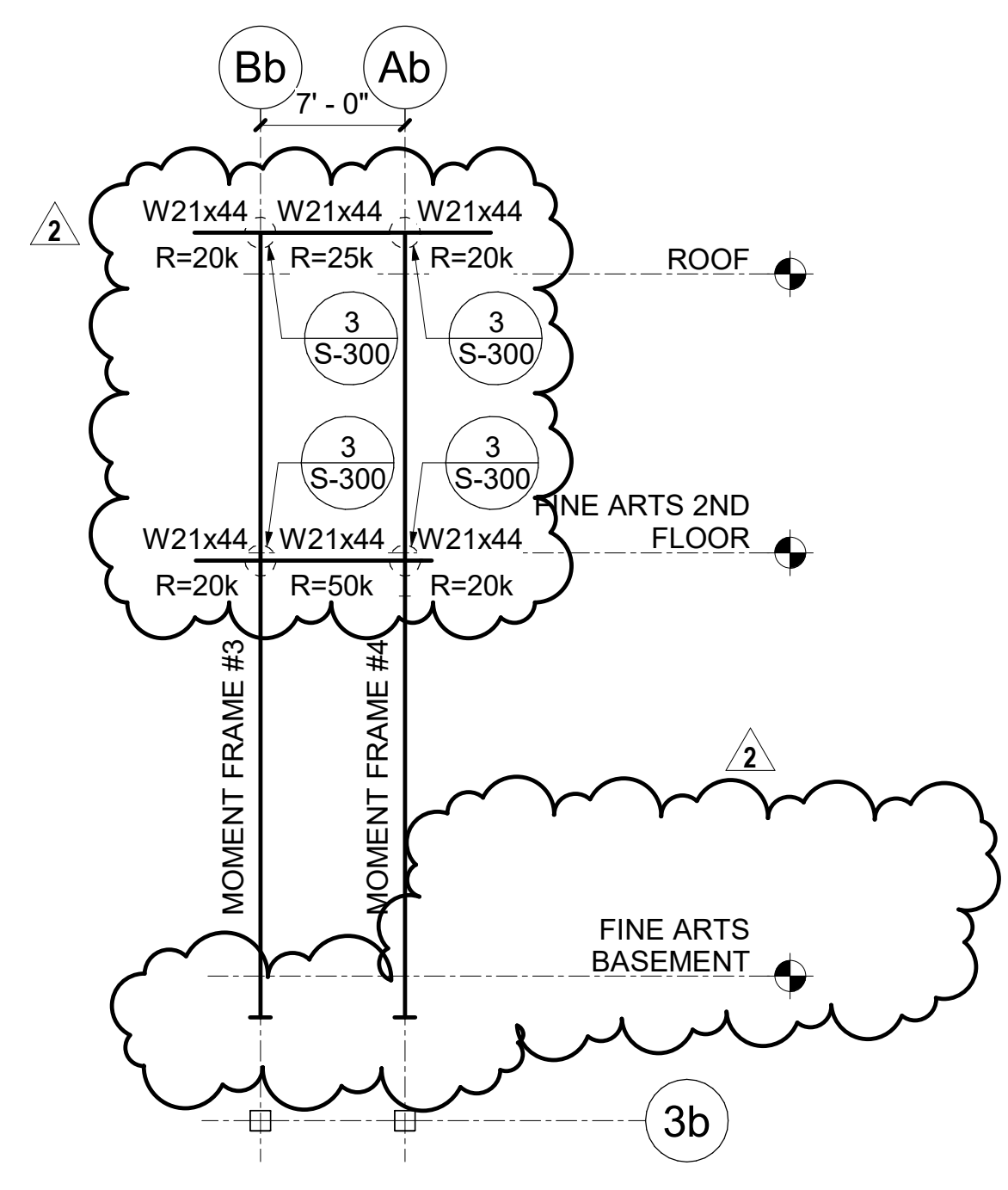
MOMENT FRAME #9
SCALE: 1/8"=1'-0"



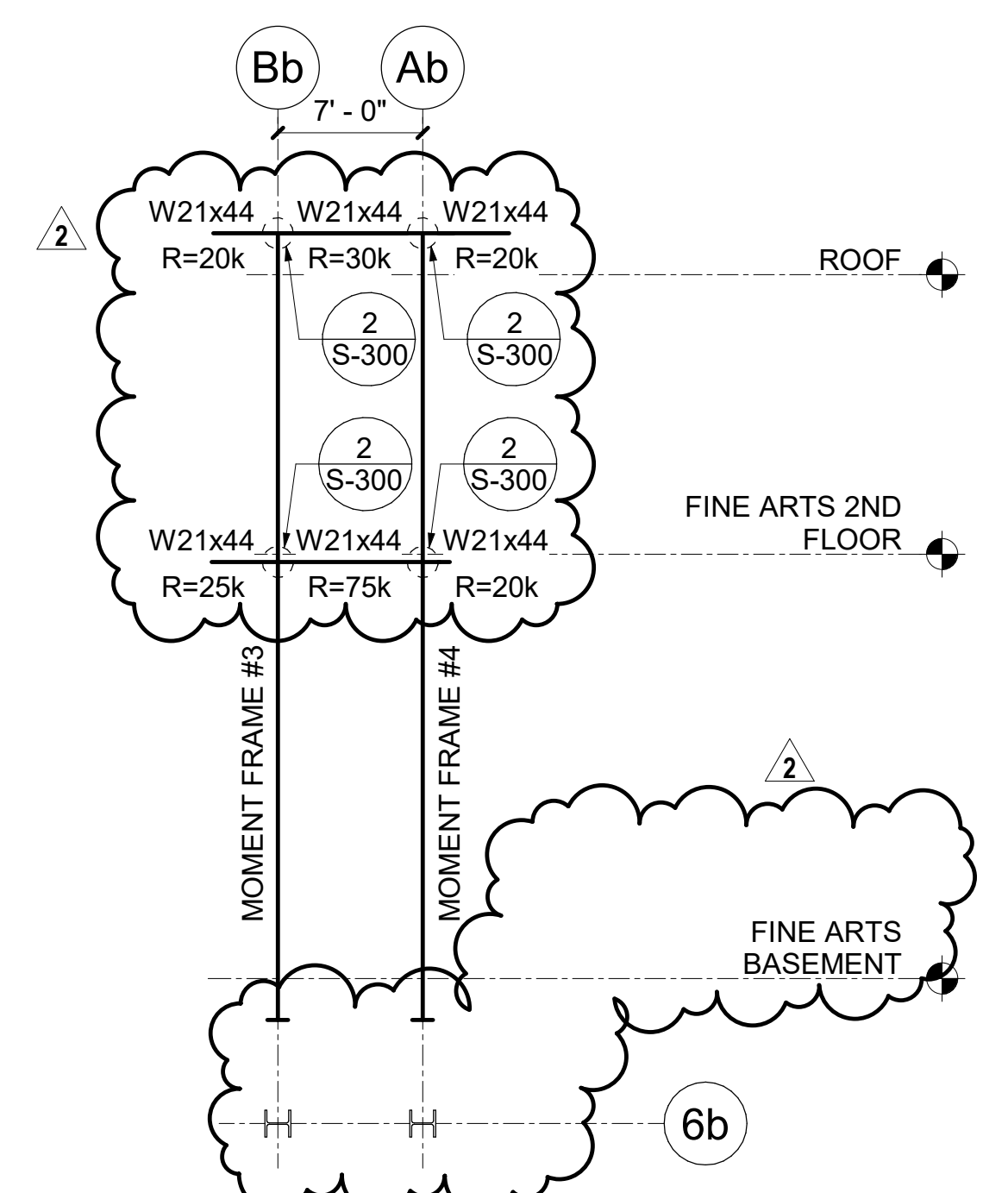
MOMENT FRAME #8
SCALE: 1/8"=1'-0"



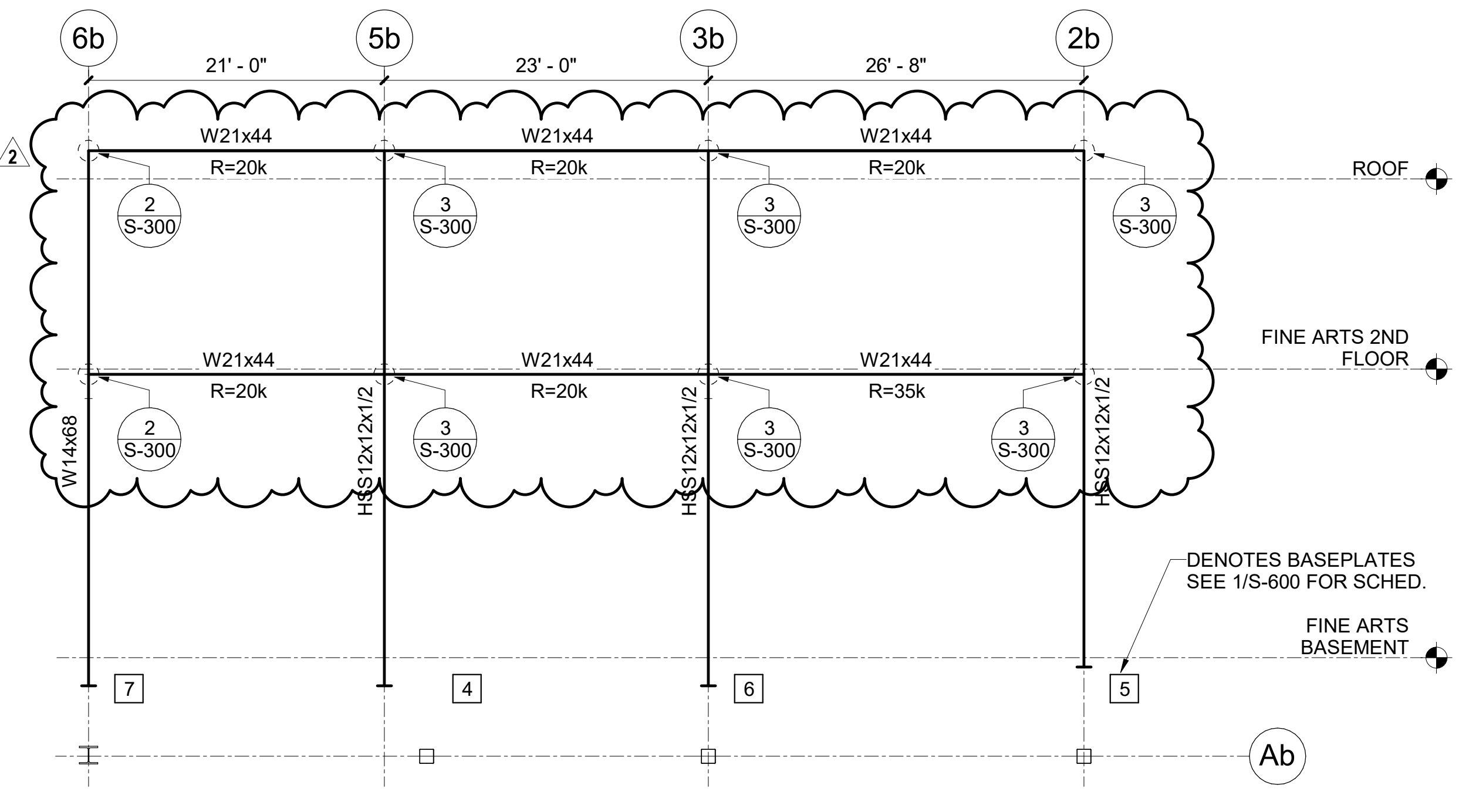
MOMENT FRAME #7
SCALE: 1/8"=1'-0"



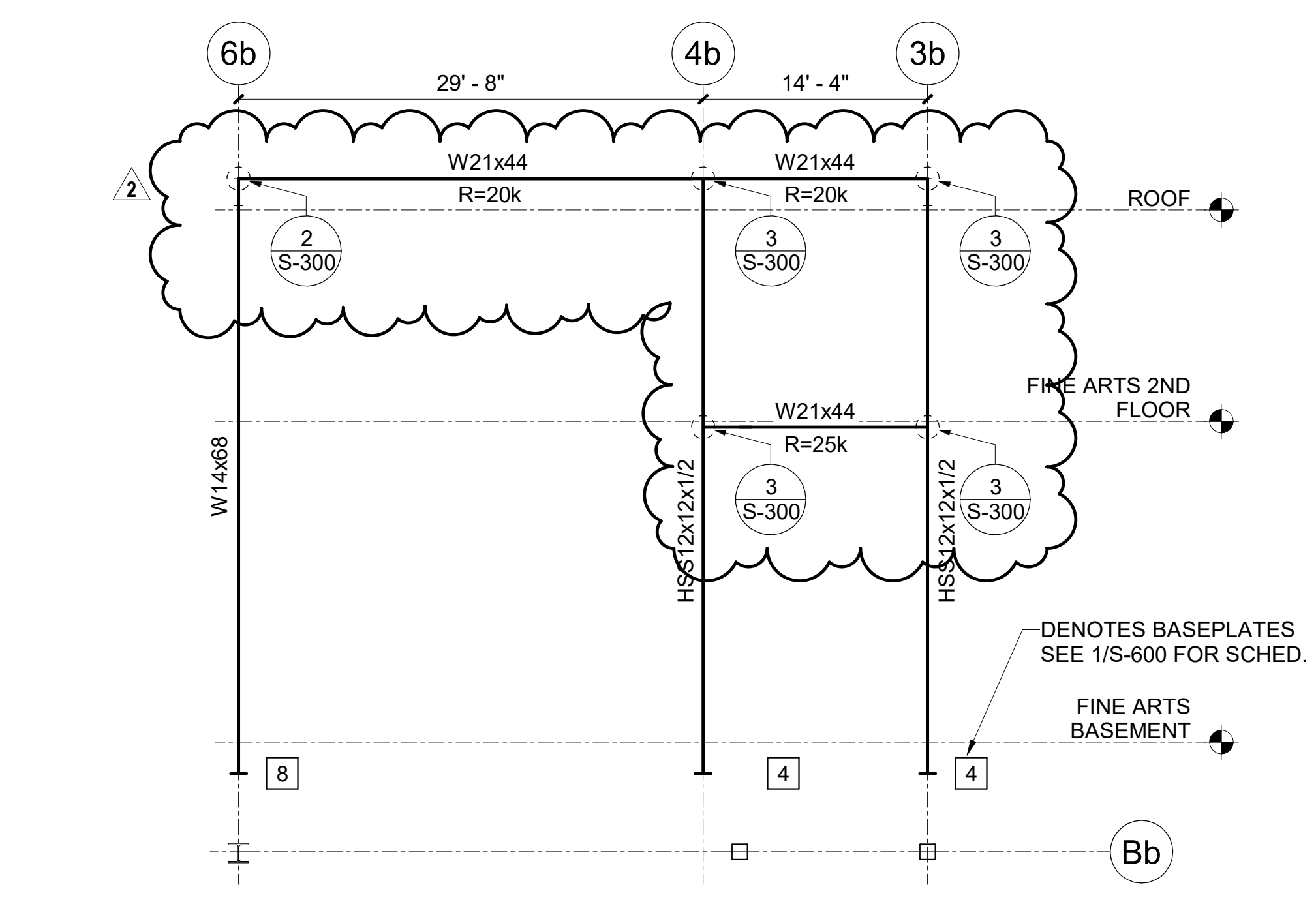
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SCALE: 1/8"=1'-0"



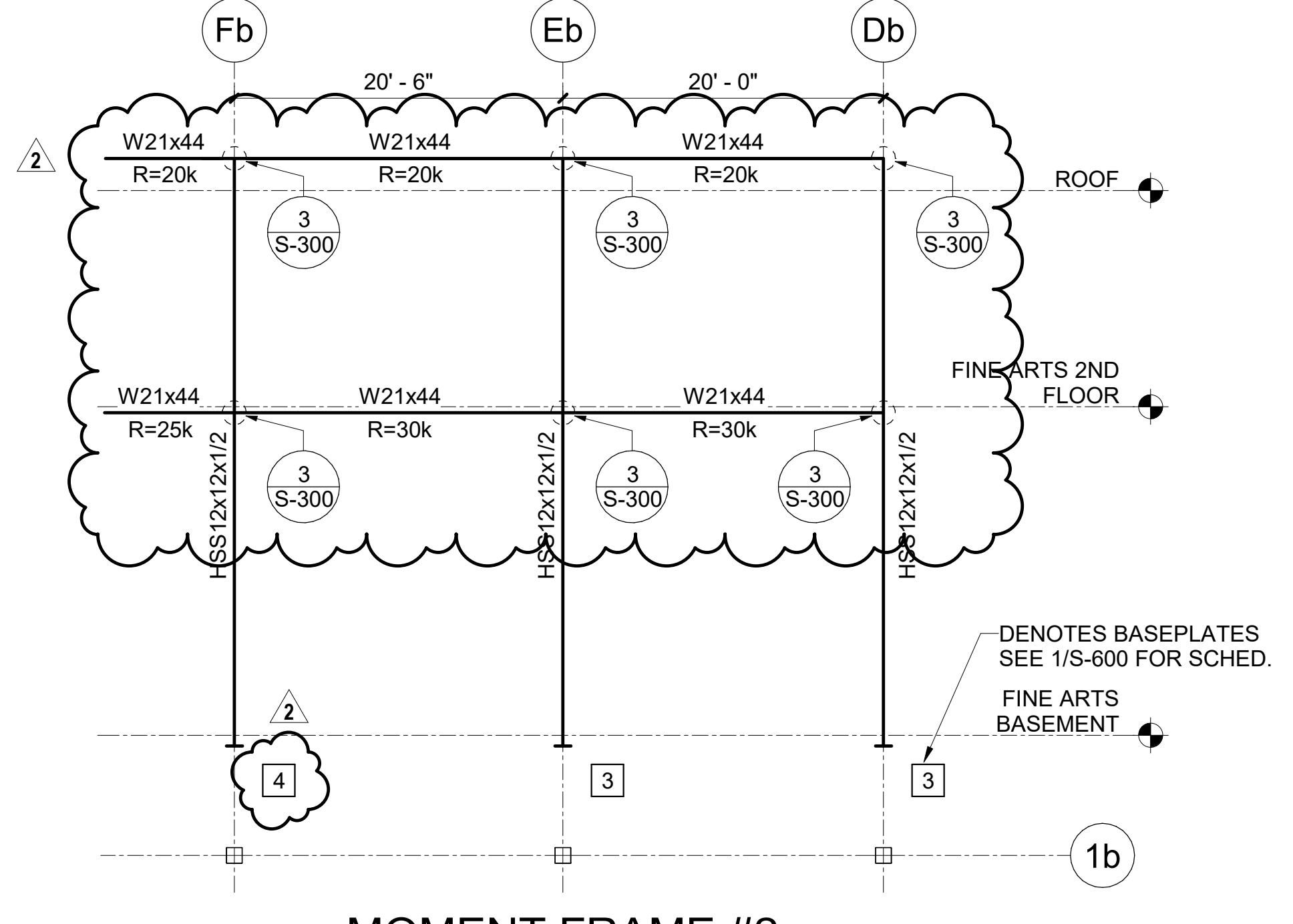
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SCALE: 1/8"=1'-0"



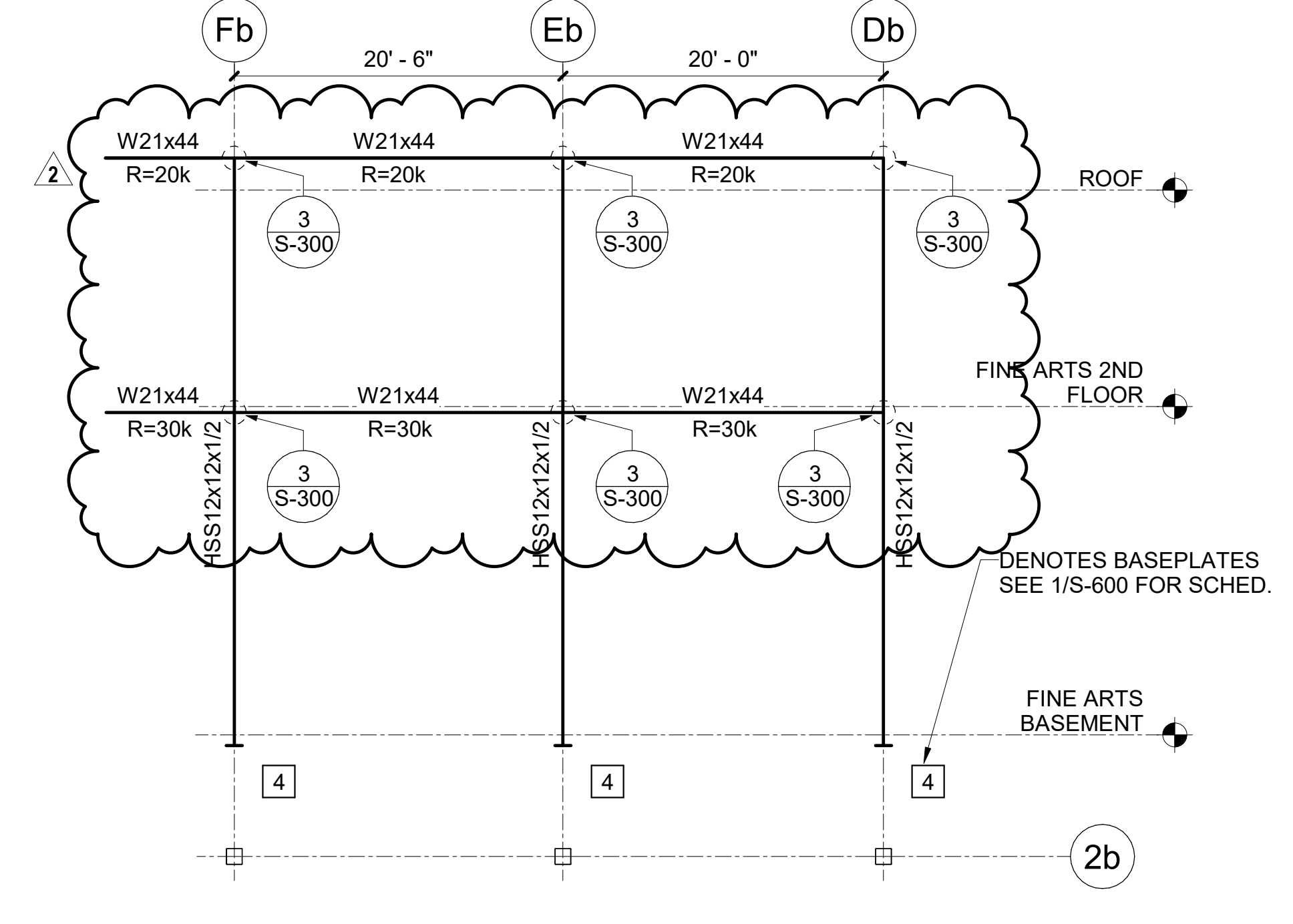
MOMENT FRAME #4
SCALE: 1/8"=1'-0"



MOMENT FRAME #3
SCALE: 1/8"=1'-0"



MOMENT FRAME #2
SCALE: 1/8"=1'-0"

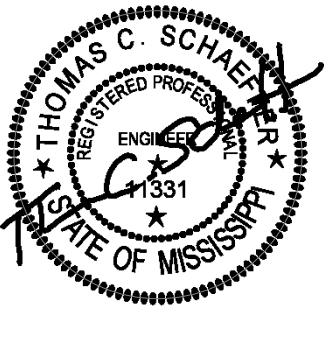


MOMENT FRAME #1
SCALE: 1/8"=1'-0"

Structural Design Group

Consulting Structural Engineers
220 Great Circle Road, Suite 106
Nashville, Tennessee 37228
p 615.255.5537
www.sdg-structure.com

SDG Project No. 2022-292.00
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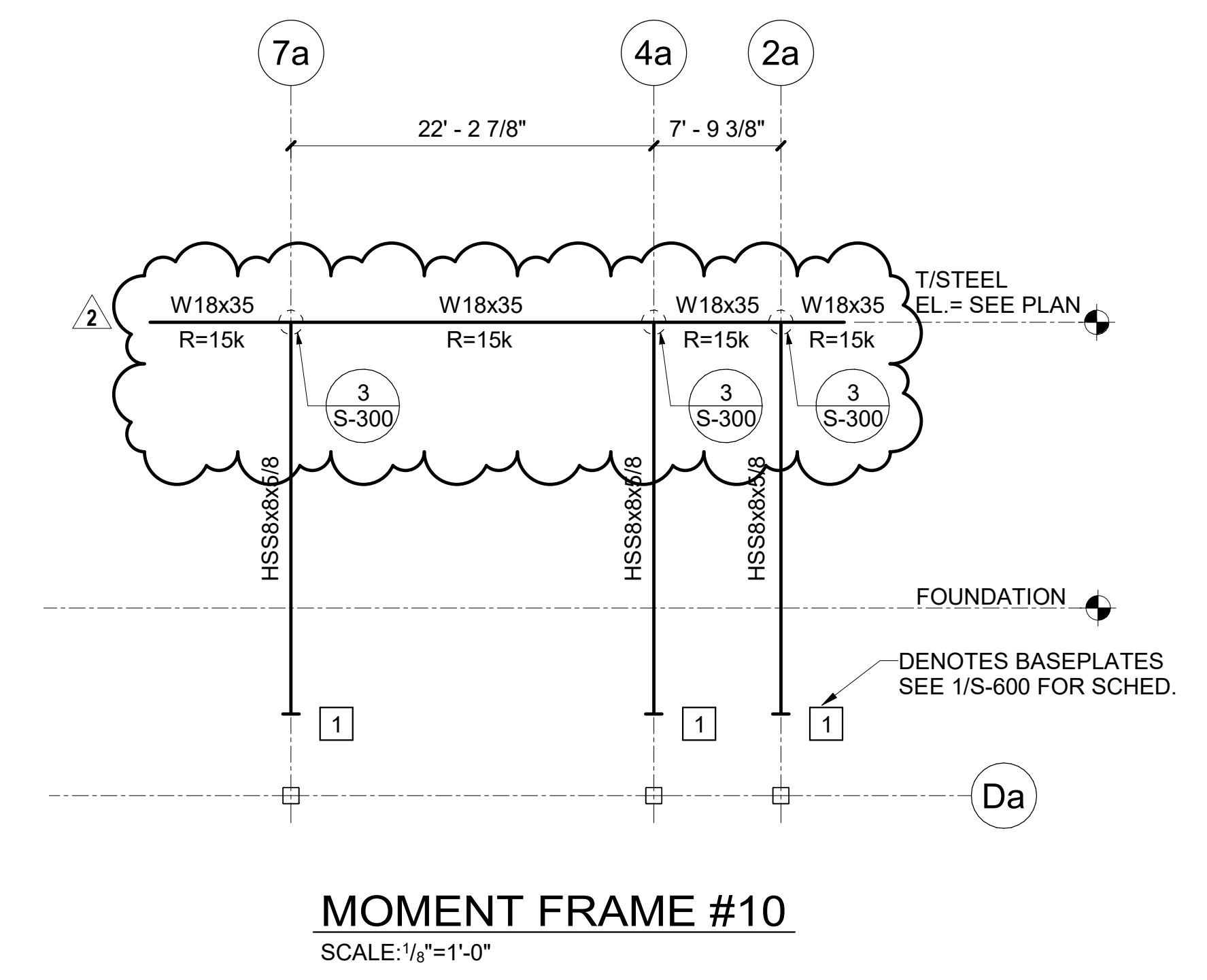
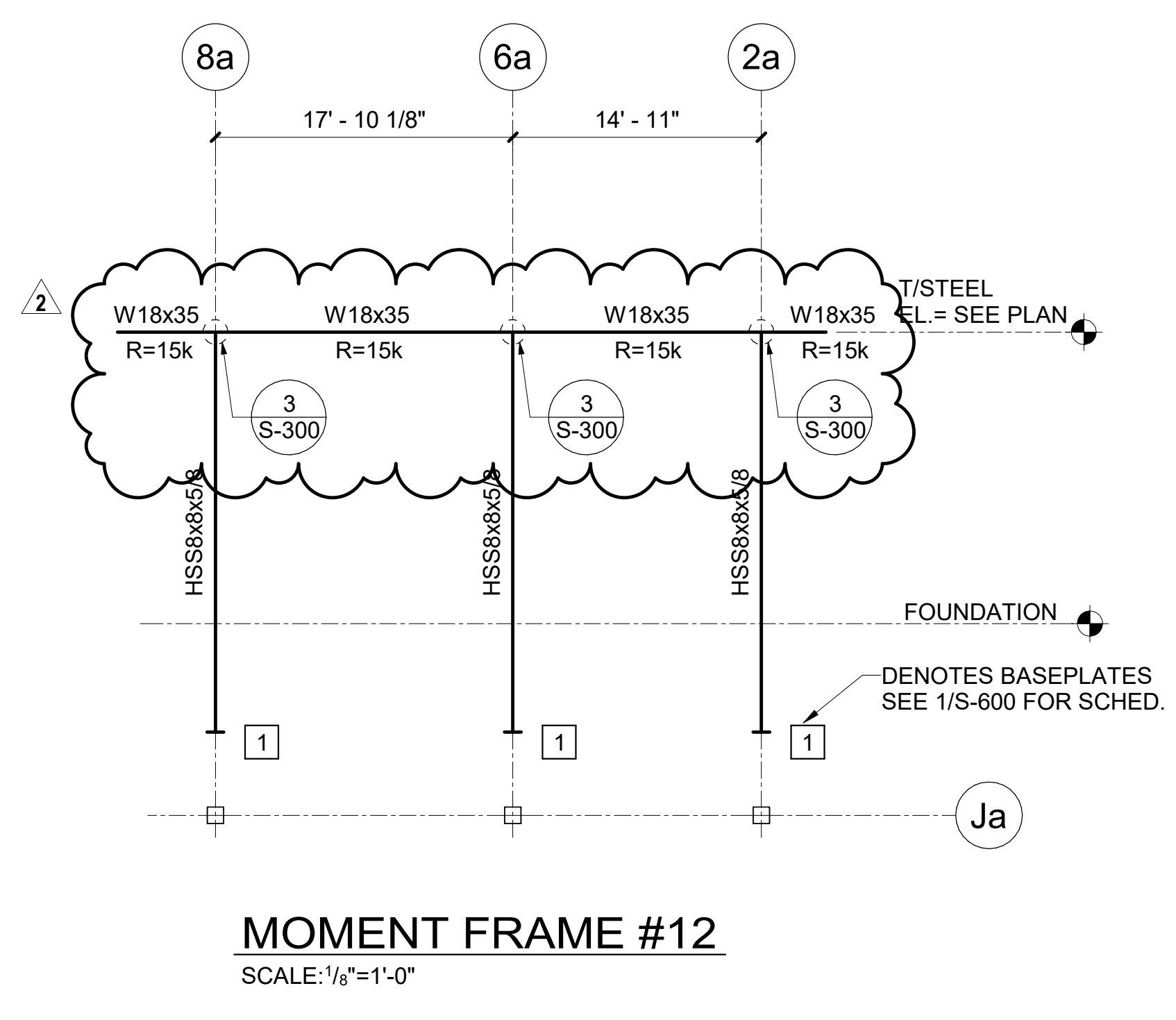
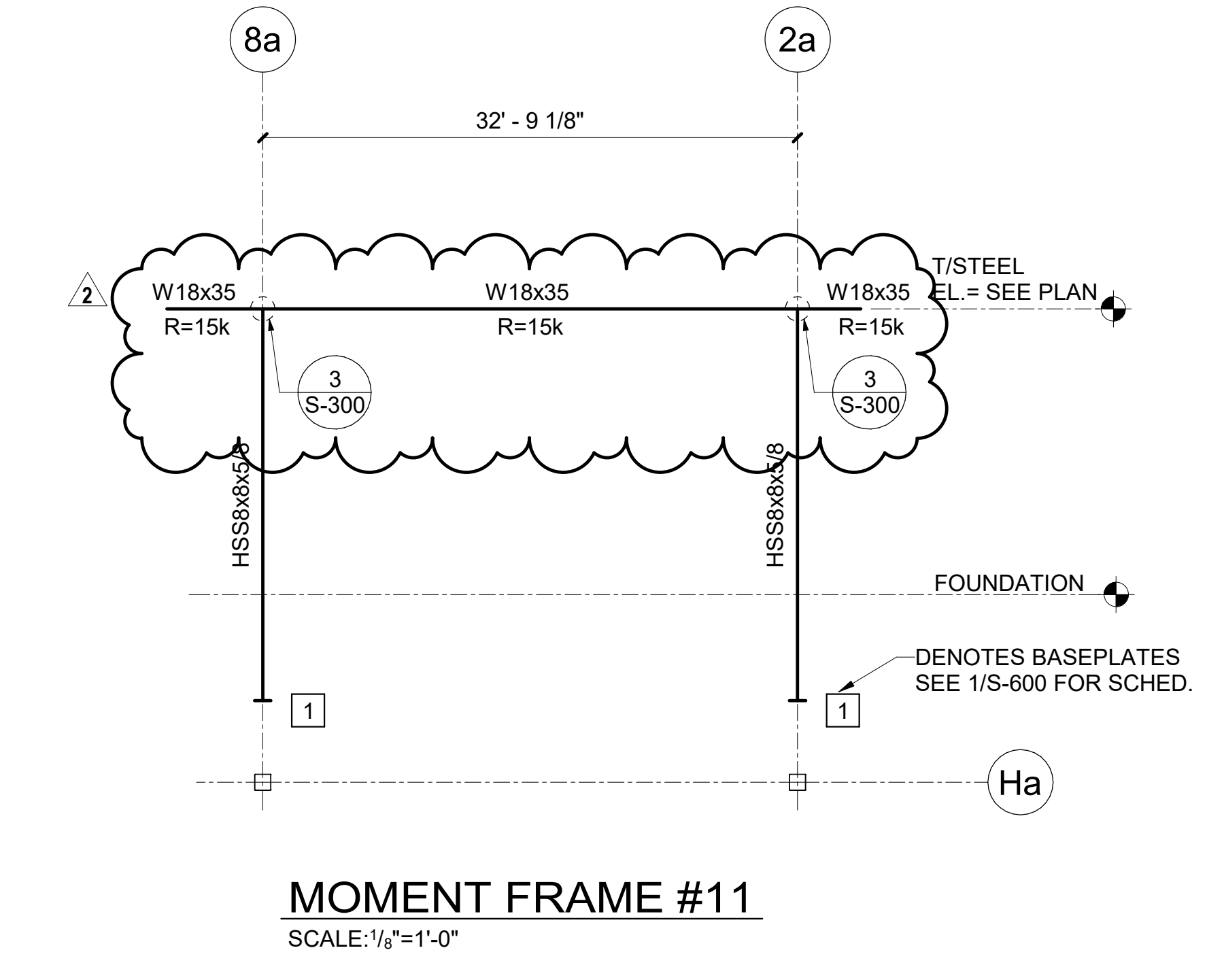
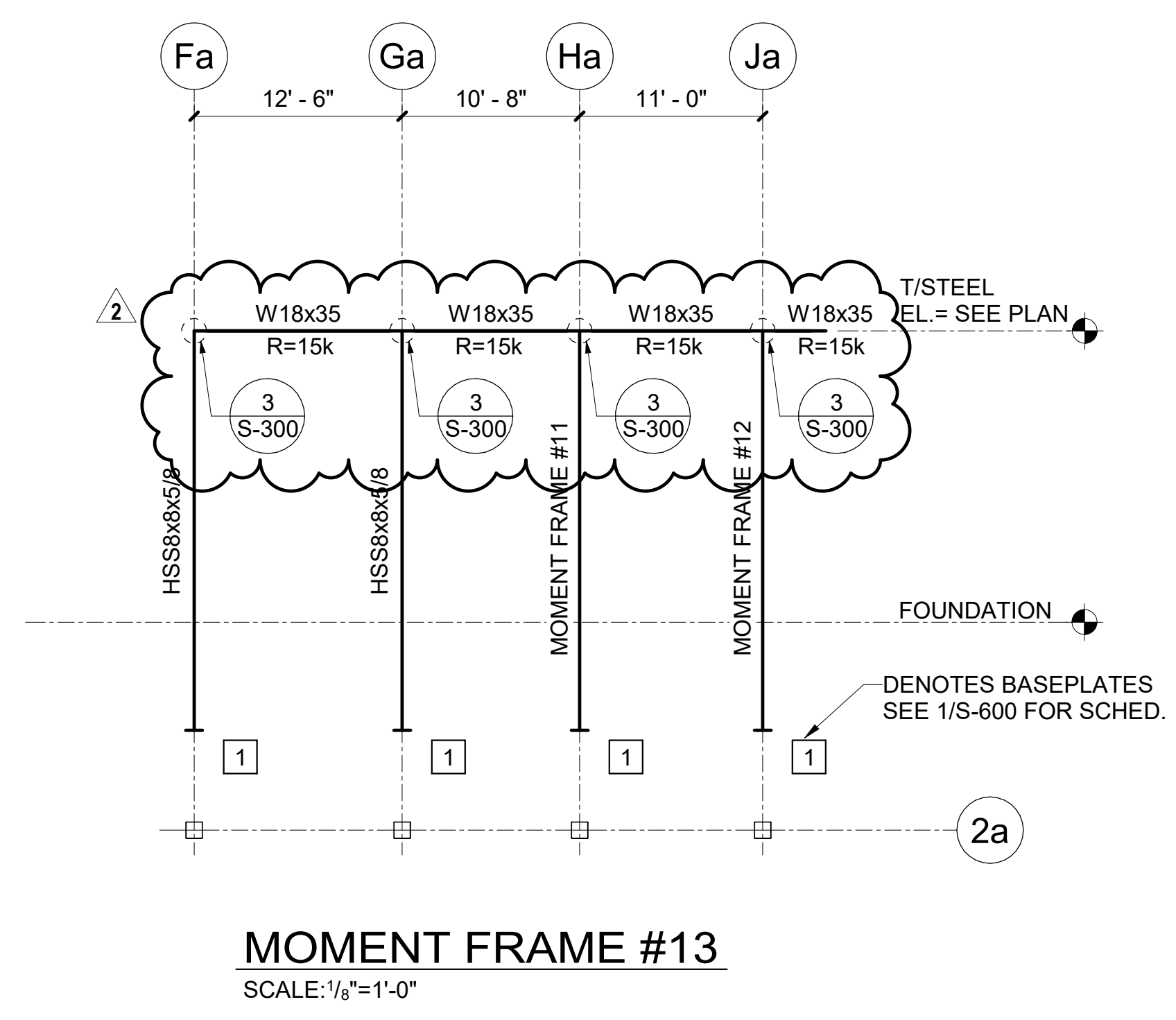
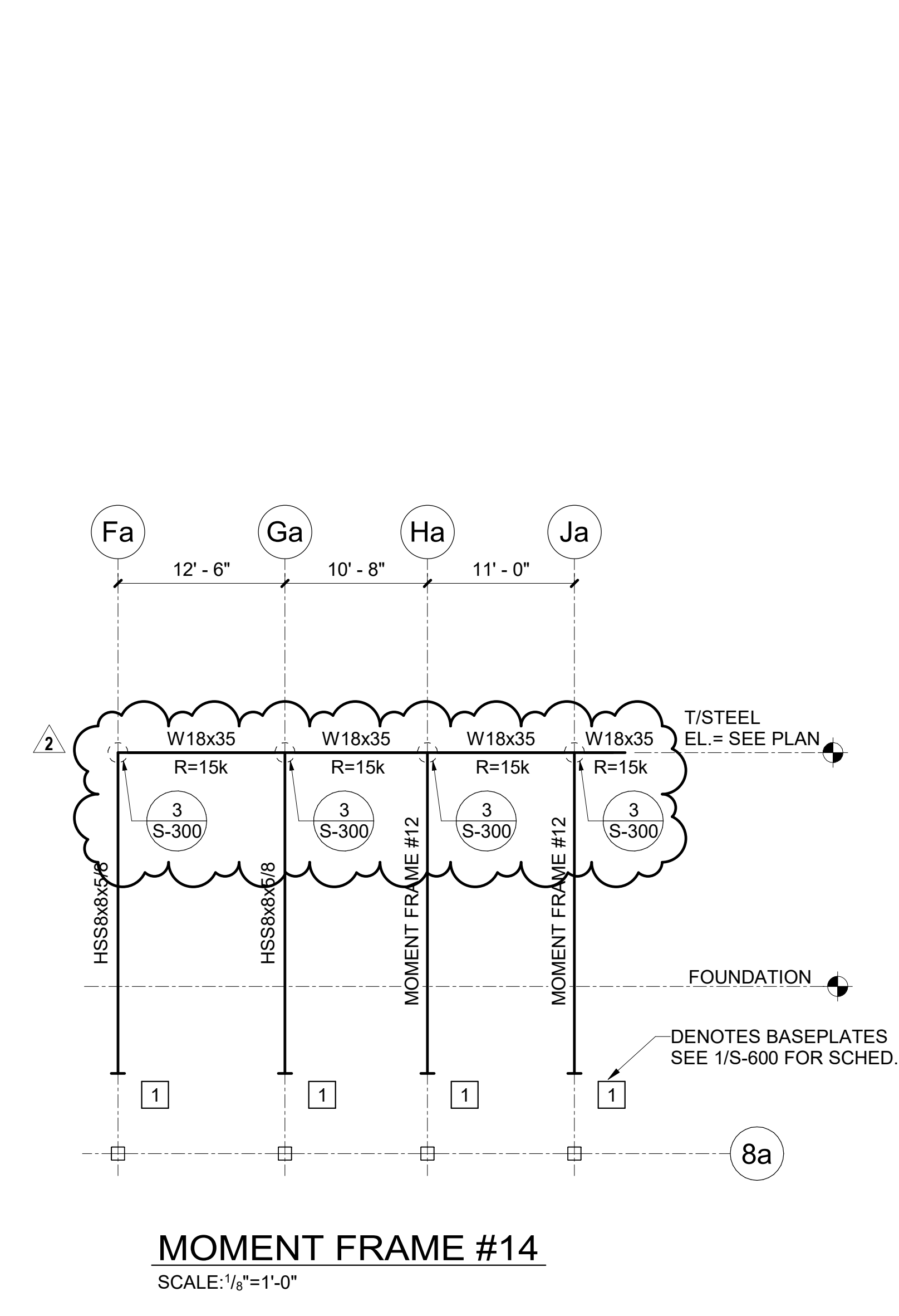
Meridian High School Additions and Renovations
2320 32nd Street, Meridian, MS 39305

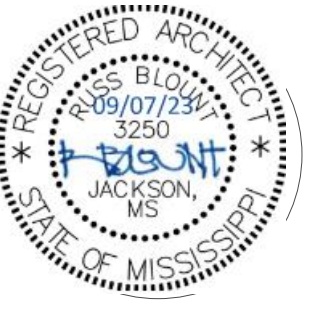
100%
Construction
Docs

Project No 22034.02
Date 08/15/2023
Drawn S.T./S.M.
Checked G.H./W.G./T.S.
Revisions Rev Date
2 September 7

S-602

Moment Frame Elevations





General Site Notes

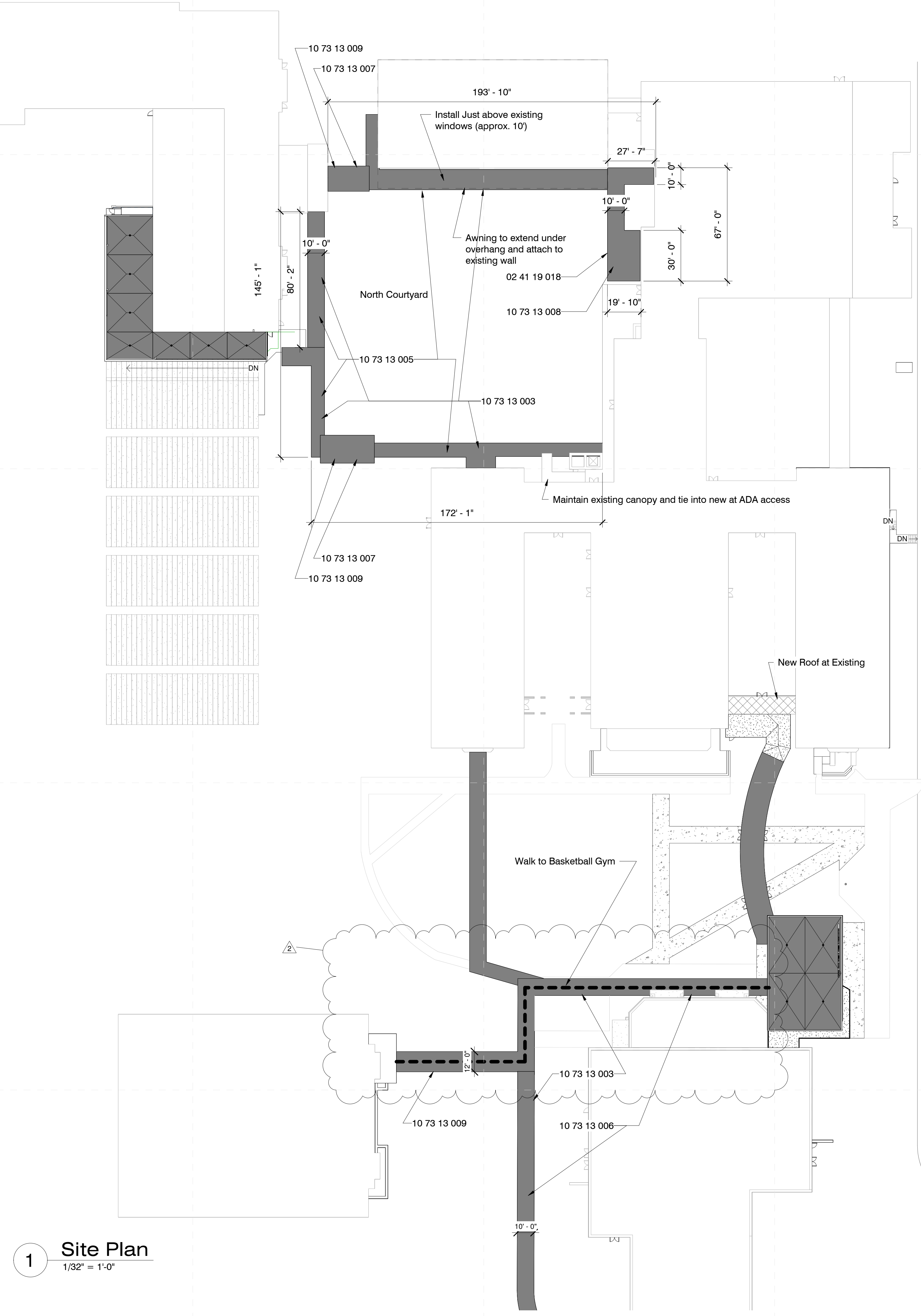
- All grassed areas shall be graded to drain to the appropriate inlet or slope to ensure positive drainage away from the building
- All downspouts and boots to be connected to subsurface drainage. See Civil drawings.
- In base bid work, paint all previously painted surfaces at awnings to be replaced by alternate options, including all structural members and ceilings. Include new paint at steel columns of east covered porches for all covered spaces within courtyard as well as columns at west cafeteria awning structure and ceiling and awning structure and ceiling leading to stadium entry on southwest corner of courtyard.
- Install Brick skirt with concrete footing (MIN 8" Deep) with row lock top to a height of 2'-0" above finish grade for each and every column along dashed column line indicated on A-100/1 and otherwise as referred to as walk to basketball gym.

Specific Notes

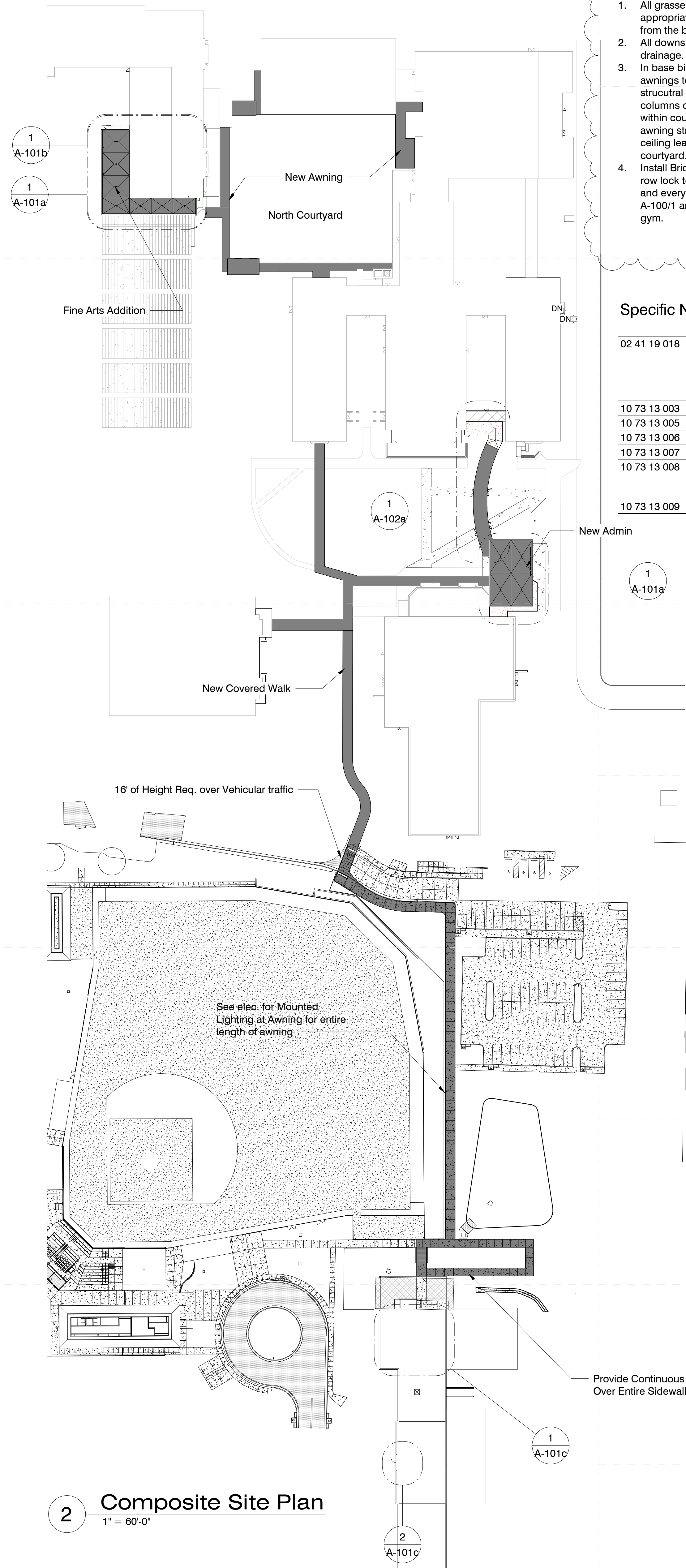
- 02 41 19 018 Remove existing awning including any foundations solely related to this structure; make any cuts neat and finish any surfaces to remain with like materials and finish as needed
- 10 73 13 003 Awning shall have 10' of width
- 10 73 13 005 Install awning with 9' of vertical clearance
- 10 73 13 006 Install awning with 10' of vertical clearance
- 10 73 13 007 Install awning with 15' of vertical clearance
- 10 73 13 008 Install awning so that underside aligns with adjacent awning or upper level porch underside
- 10 73 13 009 Awning shall have 12' of width

Site Legend

- Existing Roof to be Reroofed
- New Construction
- Existing Structure



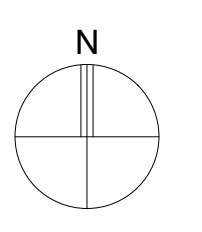
1 Site Plan
1/32" = 1'-0"



2 Composite Site Plan
1" = 60'-0"

See elec. for Mounted Lighting at Awning for entire length of awning

Provide Continuous Awning Over Entire Sidewalk as noted



Meridian High School Additions & Renovations

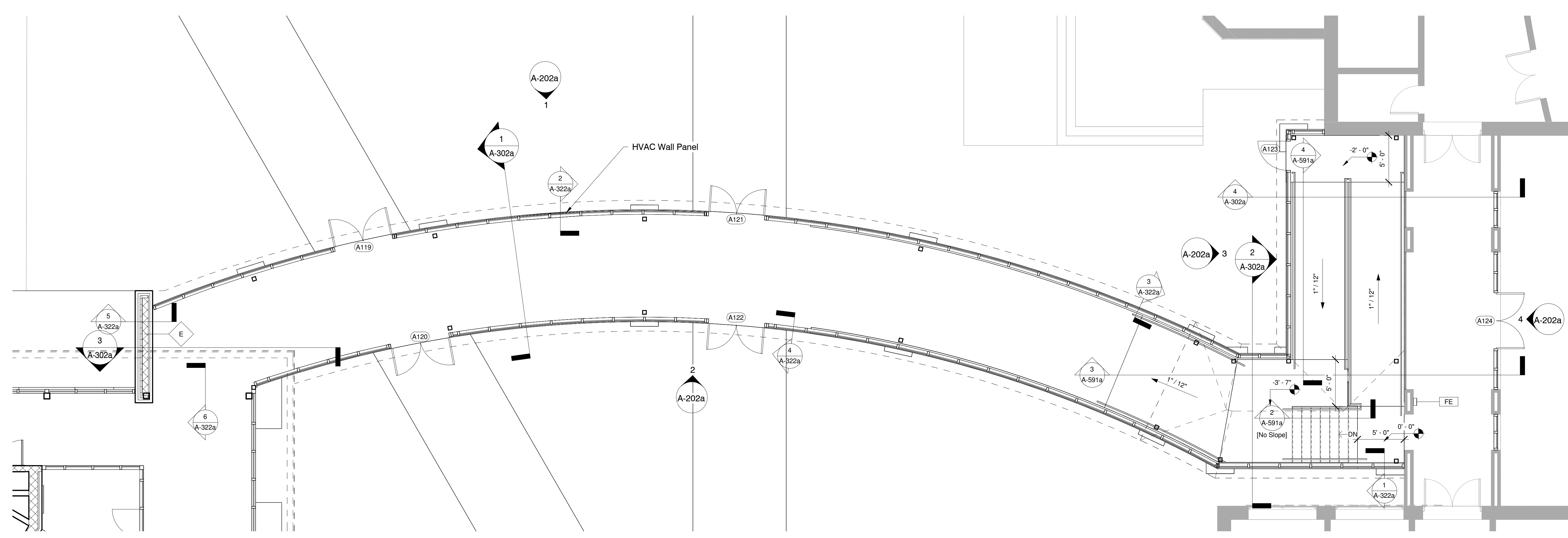
2320 32nd St, Meridian, MS 39305

Construction Documents

Project No	22034.02
Date	08/15/2023
Drawn	PPu
Checked	RBI
Revision #	Date
Add #2	2 9/7/23

A-100

Composite Site Layout



- General Enlarged Plan Notes**
- All interior walls to be type "D" UNO
 - All furniture shown in plan is NIC.
 - All flooring is to extend underneath casework.
 - All door frames in masonry wall to be located 8" off perpendicular wall (typ.) unless indicated otherwise. All door frames in metal stud walls to be located 4" off perpendicular walls (typ.) unless indicated otherwise. Provide MIN clearances required per section 404 of the 2010 ADA standard for accessible design at all doors. Provide MIN clear 4" from door frames and millwork.
 - Reference building elevations (A-200 Sheets) for exterior control joint locations.
 - All DS tie into boot and underground water line unless otherwise noted, see Civil.
 - See A-600s series sheets for floor finish patterns.
 - All CMU wall corners & window sills to have 1" diameter radius. Bottom course of CMU corners are not to be radiused to receive finish base as scheduled.
 - All backsides of bathroom partition doors and single unit restroom doors to have a Coat Hook (CH) installed.
 - All dimensions are to interior finish face U.N.O.
 - FE - Fire Extinguisher Cabinet
 - KB - Knox Box

DALE BAILEY
AN ASSOCIATION

Architects

One Jackson Place 250
188 East Capitol Street
Jackson, MS 39201
p 601.352.5411

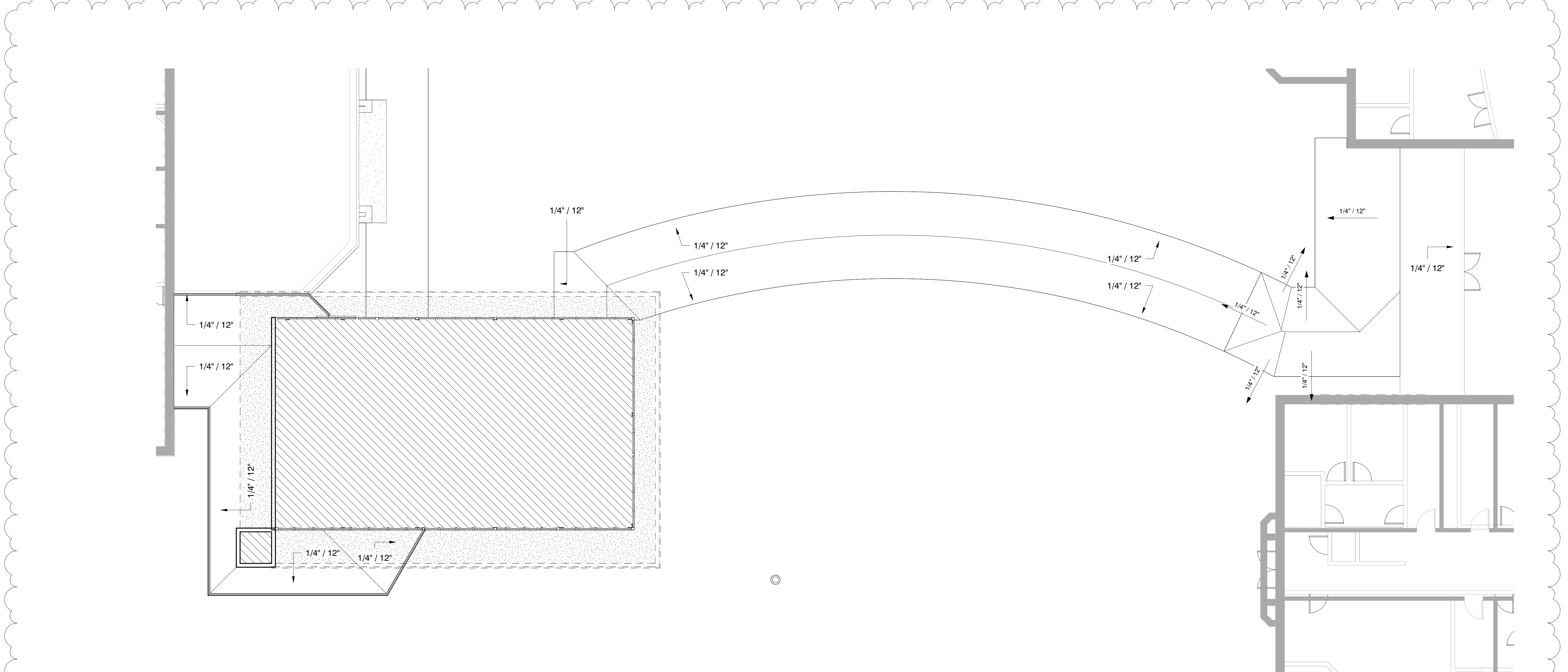
201 Park Court Suite B
Ridgeland, MS 39157
p 601.790.9432

161 Lameuse St. Suite 201
Biloxi, MS 39530
p 228.374.1409

dalebaileyplans.com



1 Administration Floor Plans - Connector Corridor
3/16" = 1'-0"



2 Administration and Corridor Roof Plans
1/8" = 1'-0"

Meridian High School Additions & Renovations

2320 32nd St, Meridian, MS 39305

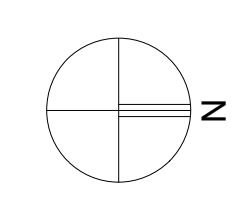
Construction Documents

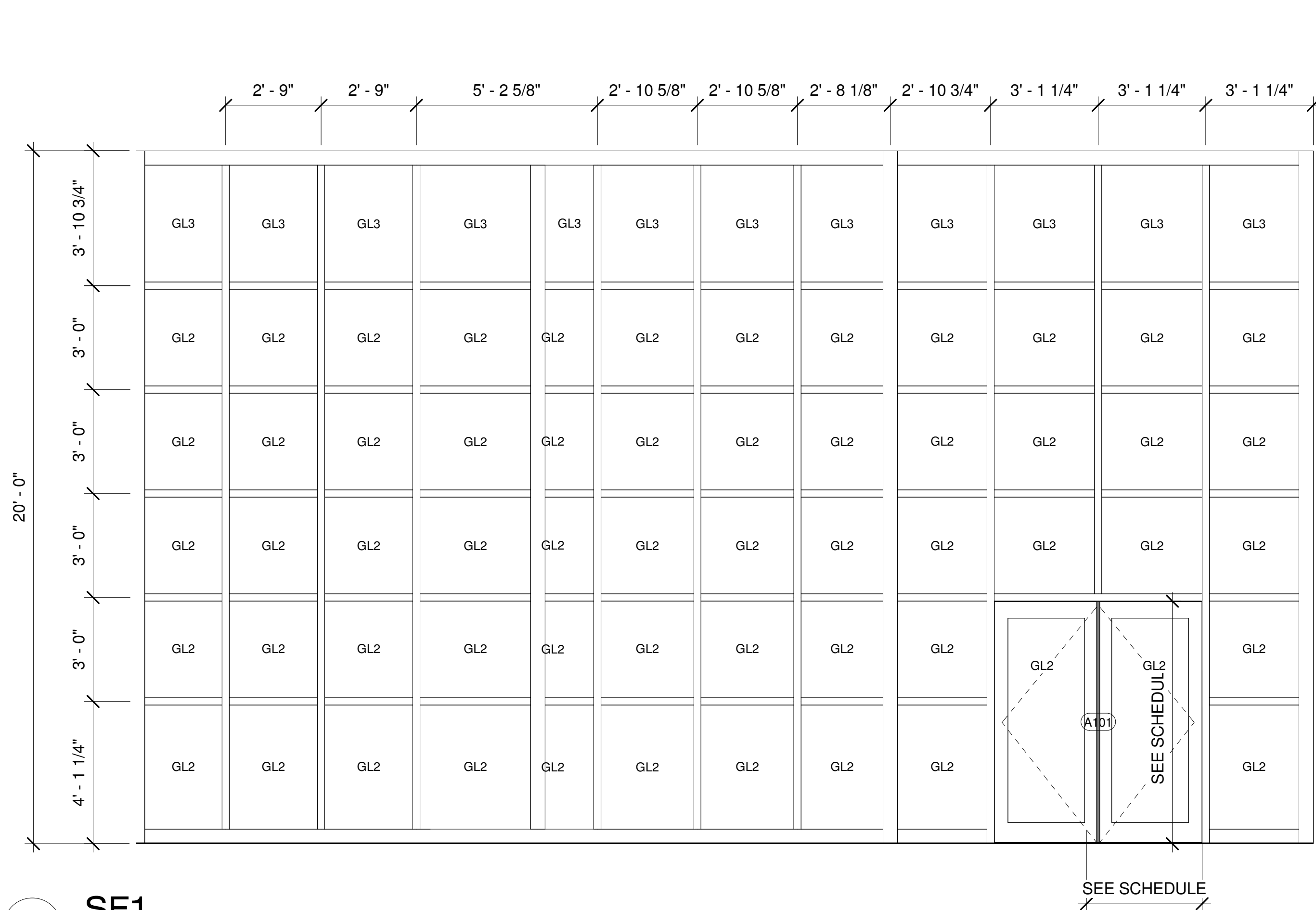
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Date	08/15/2023
Drawn	PPu
Checked	RBI
Revision #	Date
Add #2	2 9/7/23

A-102a

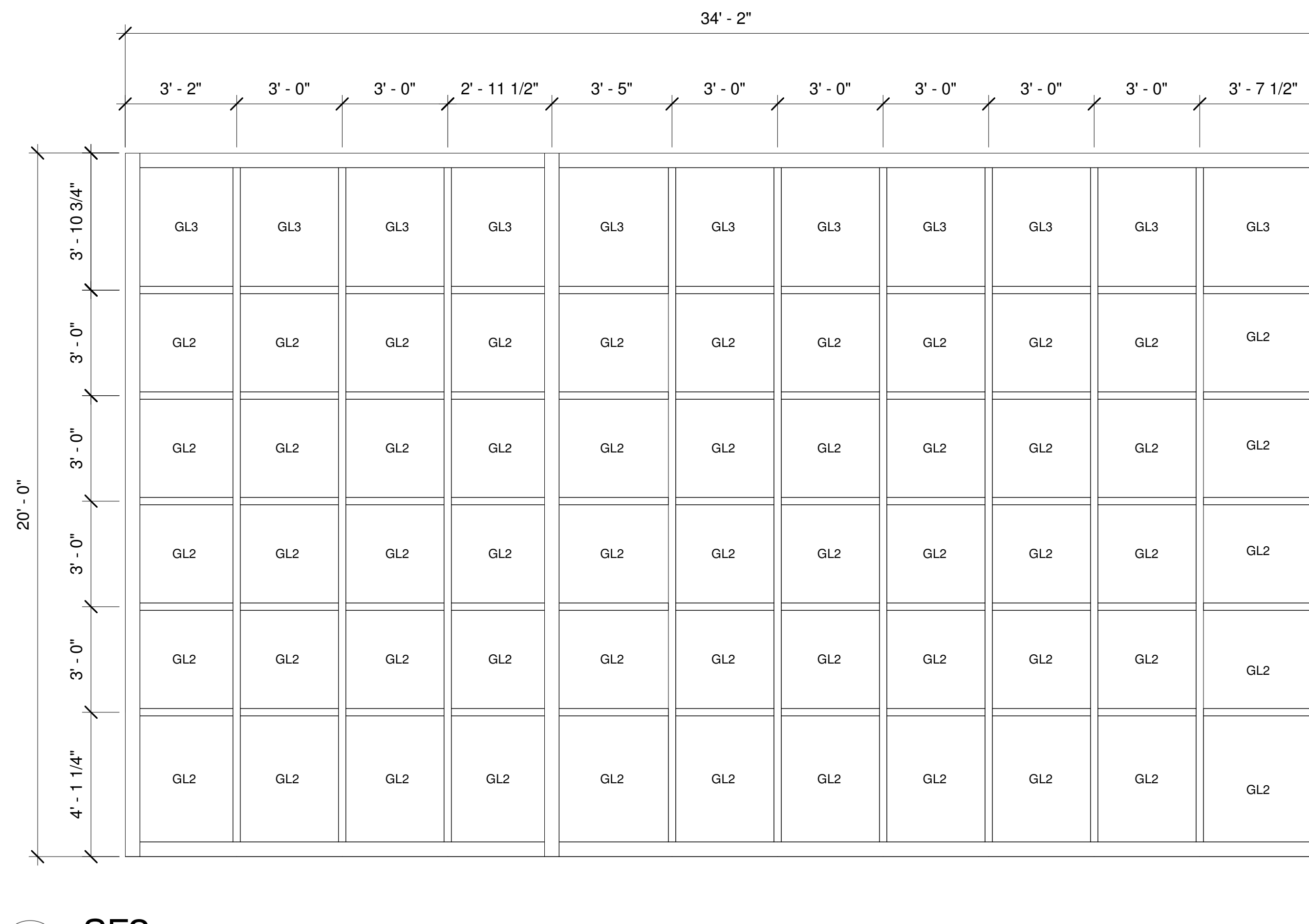
Administration Floor Plans

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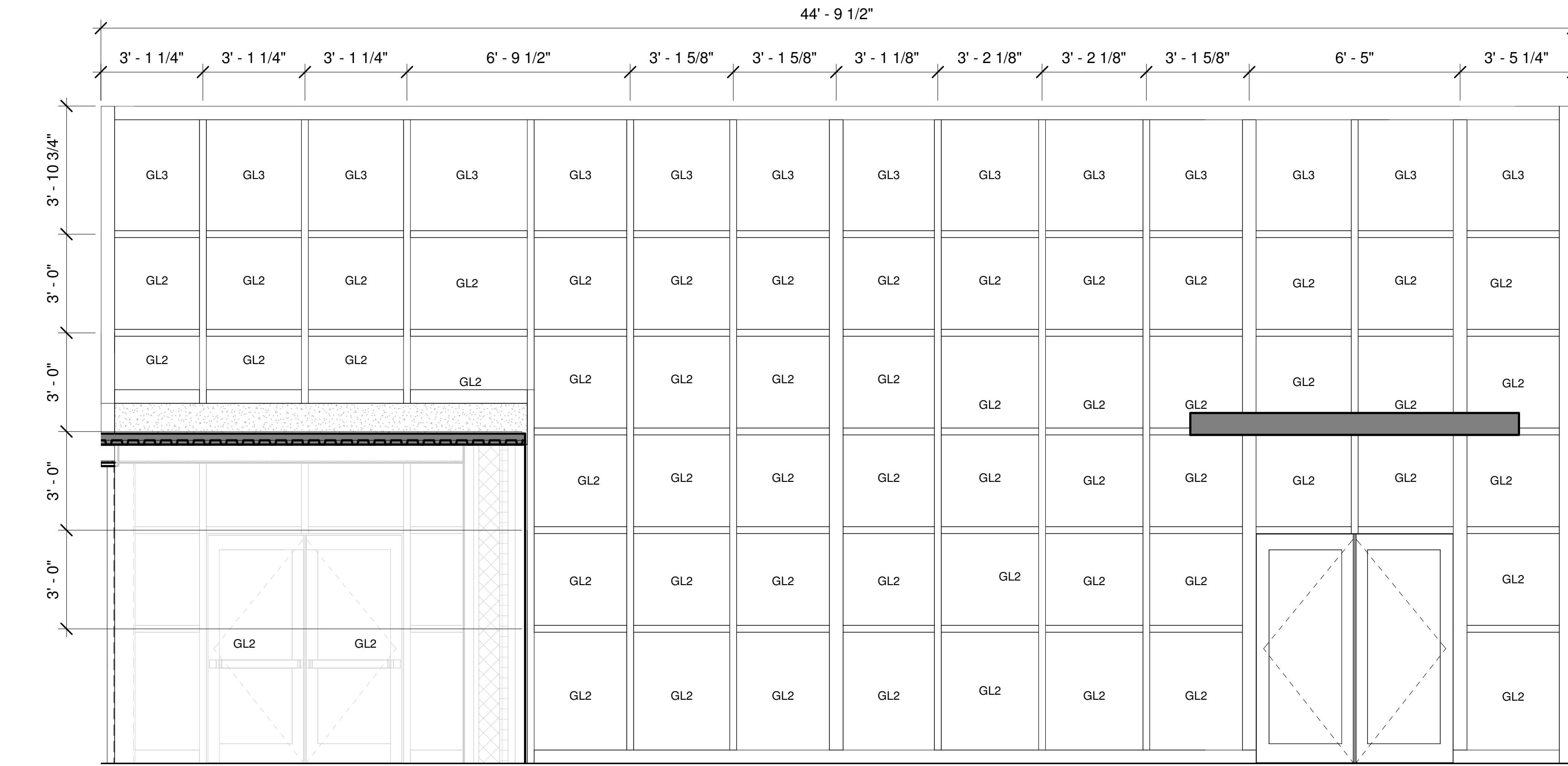




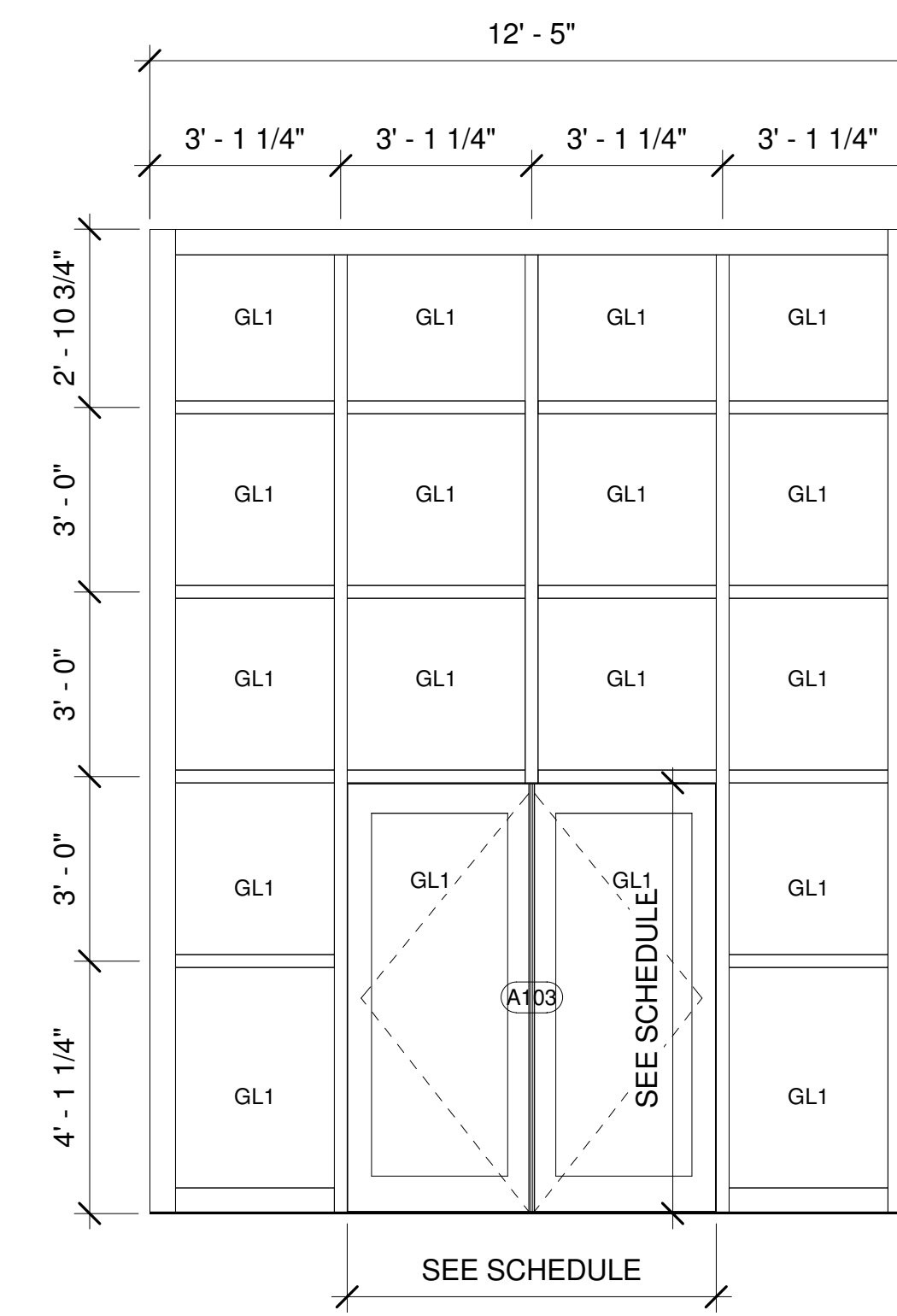
1 SF1
3/8" = 1'-0"



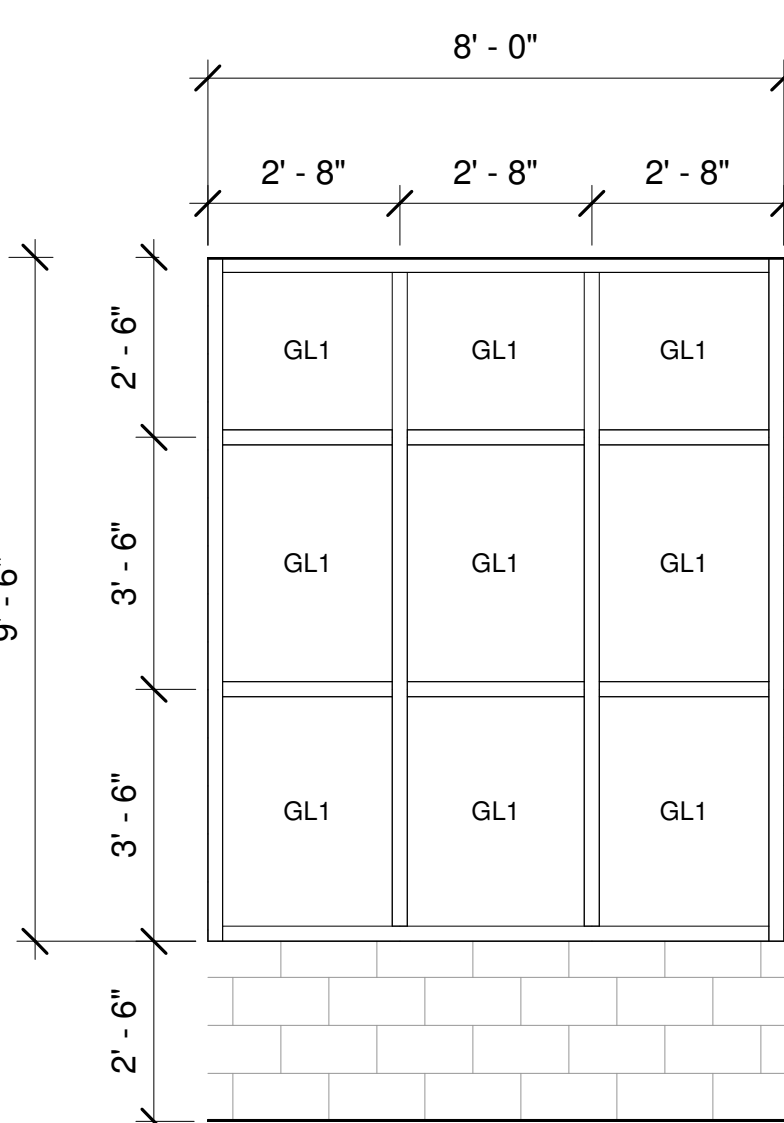
2 SF2
3/8" = 1'-0"



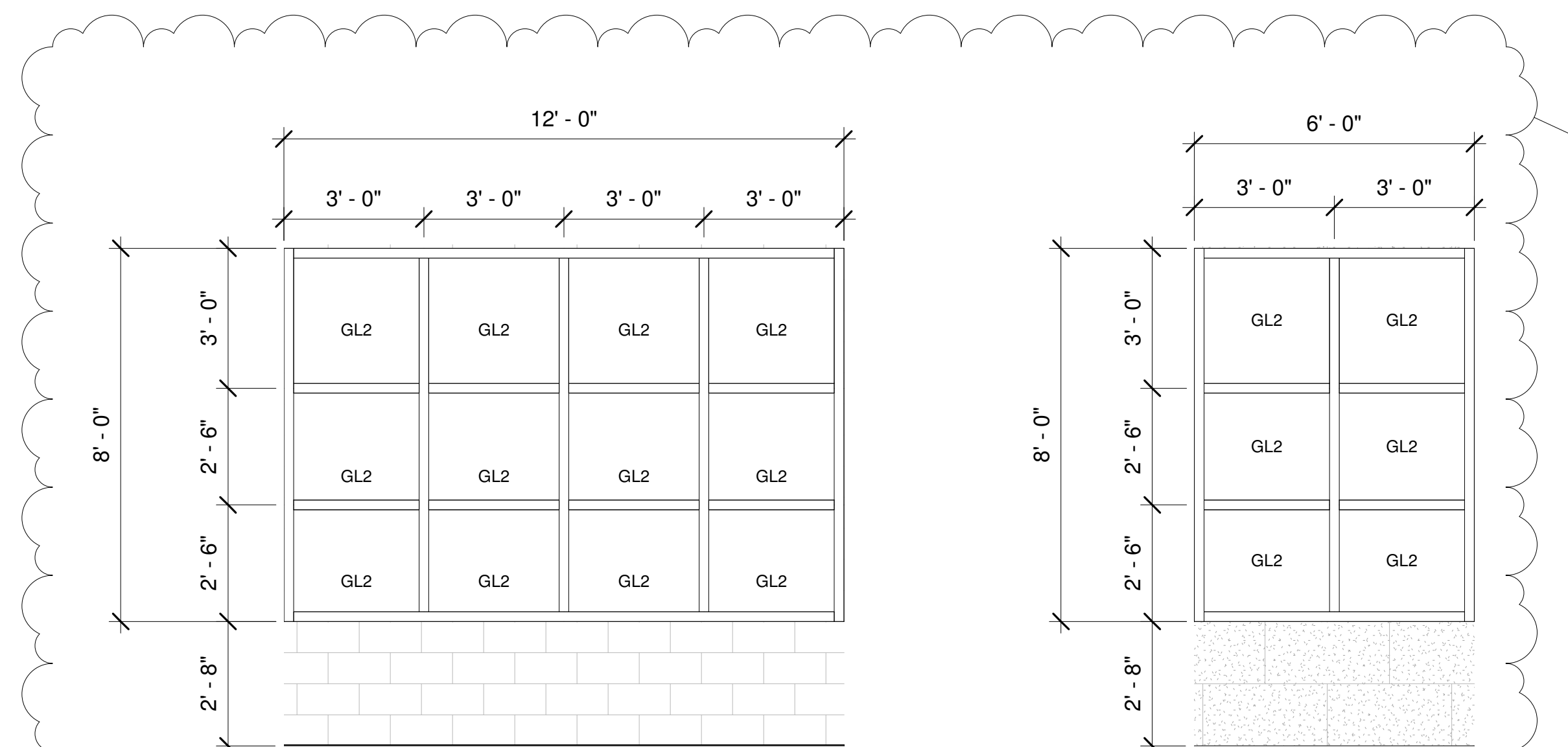
3 SF3
3/8" = 1'-0"



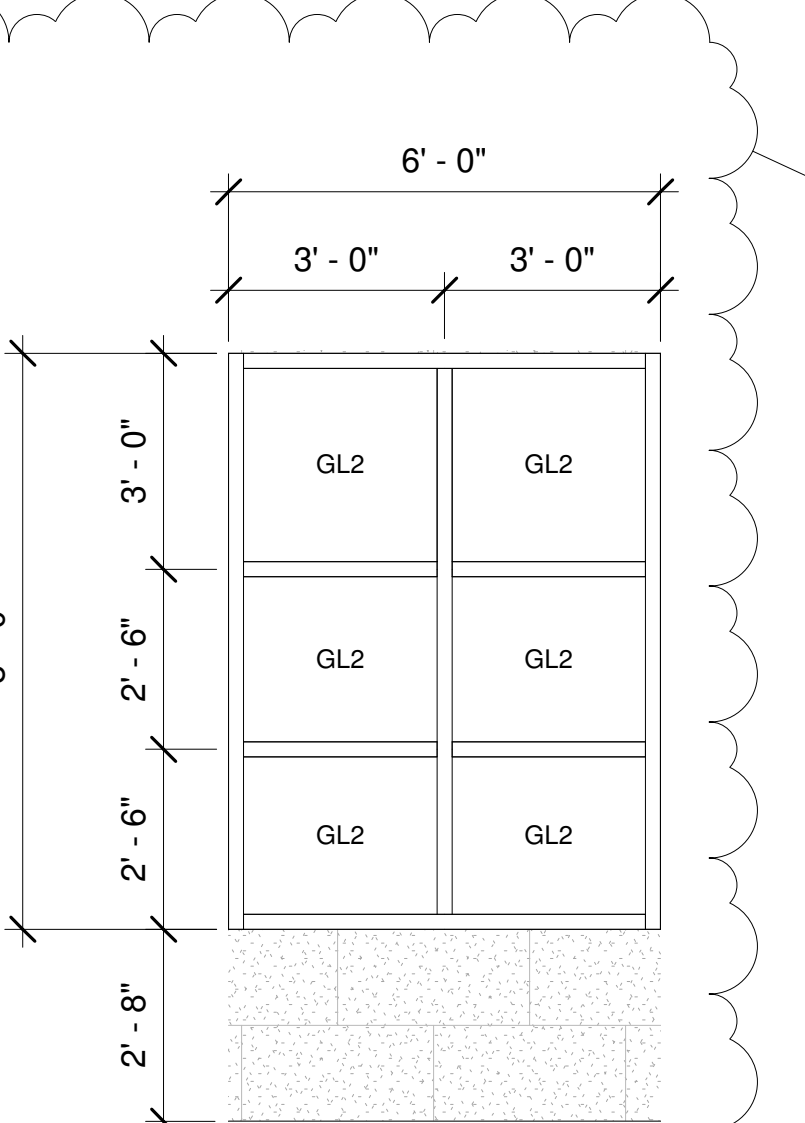
4 SF4
3/8" = 1'-0"



7 SF7
3/8" = 1'-0"



8 SF8
3/8" = 1'-0"



9 SF9
3/8" = 1'-0"

General Door & Window Notes

- Provide 1" insulated, Low-E glass in all exterior windows & storefront, UNO. Provide 1/4" tempered glass in all exterior storefront doors, UNO.
- Provide 1/4" tempered glass in all interior windows, UNO
- Typical undercut for to be 5/8" for exterior doors & 1/4" above top of threshold for exterior doors.
- All wood & steel doors to be 1-3/4" thick UNO
- Coordinate all electrical hardware requirements with electrical drawings & specifications
- Dimensions given on plans & schedules are nominal. Coordinate dimensions in the field concerning frame & rough openings prior to fabrication & construction
- Provide rated frames at rated doors. Door frame & hardware shall have the same ratings as the door hung within them. Provide label as required
- Door handles shall be mounted at 38" AFF UNO
- All interior doors shall have wall or floor stops to match door hardware finish UNO
- Doors shall be minimally undercut to accept floor covering or finish
- Outside of door frames shall be set 6" from adjacent wall or partition UNO
- Reference finish plans for floor finish transitions at doors
- Align transition of flooring material changes & graphic patterns with centerline of door. Provide threshold transition where applicable or as noted on floor finish drawings
- Exit doors shall be accessible, slope finish paving from flush with finish floor to public way not to exceed 1:20 slope
- Provide weatherstrip at exterior & doors within partitions with acoustic rating
- Door hardware shall comply with the Americans With Disabilities Act, including but not limited to: a. Max 1/2" threshold with 1:2 slope, b. Push / pull handles or lever handles, c. Door closers meet ADA force & sweep period requirements
- Locate all door closers on interior room side of door

Abbreviations:

- AL Aluminum
- ES Electric Strike
- FG Fiberglass
- GL1 1/4" tempered glass
- GL2 1" insulated tinted glass
- GL3 1" Spandrel Glass
- HCW Hollow core wood
- HM Hollow metal
- MTL Metal
- PR Pair
- PREF Prefinished
- PVC Polyvinyl chloride
- SCW Solid core wood
- SS Stainless steel
- STN Stained & sealed
- TF Transparent finish
- VCF Vinyl-clad fiberglass
- WD Wood
- MANF Manufacturer

DALE BAILEY
AN ASSOCIATION

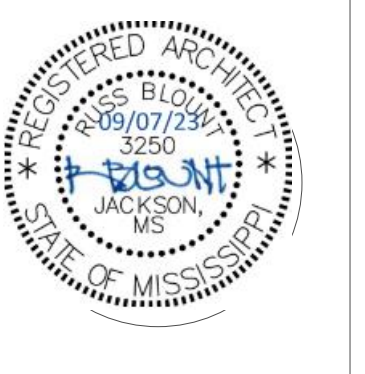
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Construction Documents

Project No	22034.02
Date	08/15/2023
Drawn	SBa
Checked	PPu
Revision #	Date
Add #2	2 9/7/23

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