

DESIGN LOADING

This structure is designed utilizing the loads indicated and applied by the (NCBC 2012)

It is the contractor's responsibility to confirm that these loads comply with the requirements of the local building department.

Specific Loads: See structural calculations and foundation reactions.

| | |
|----------|---|
| II | Building Occupancy Category |
| 2.5 | psf Dead Load |
| 20 | psf Roof Live Load |
| Yes | Live Load Reduction Allowed? |
| 3 | psf Collateral Load |
| 15 | psf Ground Snow Load, Pg |
| 10.5 | psf Design Roof Snow Load, Ps |
| 1.00 | Snow Exposure Factor |
| 1.00 | Roof Thermal Factor |
| 1.00 | Snow Importance Factor, Is |
| 98 | mph Wind Speed |
| 1.00 | Wind Importance Factor, Iw |
| B | Wind Exposure Category |
| ± 0.18 | Internal Pressure Coefficient, GCp |
| Enclosed | Wind Closure Category |
| 1.00 | Seismic Importance Factor, Ie |
| 0.222 | Mapped Spectral Acceleration for Short Periods, SDS |
| 0.084 | Mapped Spectral Acceleration for 1-Sec Period, S1 |
| N/A | Seismic Use Group |
| C | Seismic Design Category |
| 0.0790 | Seismic Response Coefficient, Cs |
| 0.237 | 5% Damped Spectral Acceleration for Short Periods, SDS |
| 0.134 | 5% Damped Spectral Acceleration for 1-Sec Period, SD1 |
| D | Site Class |
| 3 | Response Modification Factor, R-frames |
| 3 | Response Modification Factor, R-bracing (F _{SM}) 3 Response Modification Factor, R-bracing (B _{SM}) |
| 0.08W | Design Base Shear 4.3 kip Longitudinal Base Shear 4.3 kip Transverse Base Shear |

Equivalent Lateral Force Analysis Procedure
Systems not specifically detailed for seismic resistance. Seismic Resisting System (For All Systems).

SPECIAL NOTES

1: Girts are not allowed to be cut for field located framed openings unless approved by the engineer. Also, field located framed openings may cause girt sizes to change from original design.

BUILDING SPECIFICATIONS

The building system shown on these drawings has been designed and detailed for the loads and conditions stipulated by the letter of certification, and these drawings.

Any alterations to this building system, removal of any of its components or parts, modification of the intended end-use, modifications in cladding or any other deviations from the original conditions for which the building system was designed may be done only with the written approval of a registered architect and/or a registered professional engineer, as applicable. The metal building manufacturer (MEM) will assume no responsibility for any of the changes mentioned above if performed without prior written approval by the MEM.

This building system has been designed per the MEM's standard design and manufacturing practices, the governing building code, and the applicable editions of the building code referenced AISC, AISI, ASCE, and AHS standards. This building system has also been designed in accordance with all applicable provisions of the latest edition of MEM's Metal Building Systems Manual. In applications including structural steel deck and steel joists, the code referenced editions of applicable SDI and SJI standards, respectively, were also applied.

The MEM does not design or check ventilation or energy conservation systems for the building system supplied and is not responsible for the adequacy of specified ventilation and energy conservation components. The End User should insure that adequate provisions are made for ventilation, condensation, and energy conservation requirements.

The MEM is not responsible for the design, materials and workmanship of the foundation, or the anchorage of the building system to the foundation. Anchor bolt plans prepared by the MEM are intended to show only location, diameter, and projection of anchor bolts required to attach the metal building system to the foundation. The end user is responsible for engaging the services of a licensed Professional Engineer to perform foundation and anchorage design. The Professional Engineer designing the foundation shall determine the adequate anchor bolt material type and grade, anchor bolt embedment, and any anchorage reinforcement to accommodate the given anchor bolt locations, quantity, and diameter.

Unless noted otherwise on the Letter of Certification, the building system by the MEM is exempt from the ASCE 7 stipulated seismic drift limitations. The end user shall insure that all the interior and exterior attachments and cladding by others are designed to accommodate seismic drift.

The MEM does not investigate the influence of its metal building system on existing buildings or structures. The end user shall engage services of a licensed Professional Engineer to evaluate whether such buildings and structures are adequate to resist snow drift loads or other conditions as a result of the presence of the Metal Building System.

The materials used in fabrication of primary and secondary steel framing members, as well as related accessories are shown below with their corresponding ASTM designations. When the compliance with the building code mandated edition of the AISC Seismic Provisions is required, only materials approved by these provisions are used.

- Built-up Section Flanges (Fy = 55 ksi); A529, A572 or A588;
- Built-up Section Webs & Connection Plates (Fy = 55 ksi); A101, A572 or A588;
- Hot-rolled W-shapes (Fy = 50 ksi); A992 or A572;
- Hot-rolled C and L-shapes (Fy = 50 ksi); A529 or A572;
- Hot-rolled Rods (Fy = 55 ksi); A108 or A572;
- Cold-formed C, Z, and ES shapes (Fy = 55 ksi); A1011 or A653;
- Panels, A792 or A653, Gr. 50 for Ga. 24 and thicker, Gr. 80 for others;
- Round Tube; A500 Gr. B (Fy = 42 ksi)
- Rectangular Tube; A500 Gr. B (Fy = 46 ksi)
- Cables, A475
- Eyebolts (Gr. 55); A108, or A572
- Washers, A536
- Hillside Washers, A48
- Structural Bolts, A307 Gr. A, A325 Gr. C, A490 Gr. DH
- (used as noted in next section)

Unless noted otherwise and except for crane support system connections, all bolted joints shall be snug-tightened in accordance with the latest edition of Specification for Structural Joints Using ASTM A325, or A490 Bolts (RCSC). All joints in crane support system application shall be pretensioned as required by RCSC. All primary frame bolted connections use A325 bolts, unless noted otherwise. All end-plate connections in cold-formed steel frames use A325 bolts, unless noted otherwise.

All primary structural members have been painted with the minimum of one coat of iron oxide inhibitive primer. All structural steel members have been painted in accordance with Steel Structures Painting Council Specification, SSPC No. 15.

Shop and field inspections and associated fees and expenses are the responsibility of the contractor, unless noted otherwise.

CONTRACTOR RESPONSIBILITIES

The contractor must secure all required approvals and permits for this project from the appropriate agencies in full compliance with all applicable local and state laws and regulations.

In accordance with the Sec. 4.4.1 of the latest edition of the AISC Code of Standard Practice and the MEM's Common Industry Practices, an approval of these drawings and calculations (if applicable) constitutes an agreement that the MEM has correctly interpreted the requirements of the contract building drawings, specifications and all other contractual requirements.

In accordance with Sec. 3.3 of the latest edition of the AISC Code of Standard Practice, where discrepancies exist between these drawings and the drawings provided by the other trades, such as architectural, electrical, plumbing, and others, these drawings provided by the MEM shall govern.

The contractor is responsible for the erection of the entire building system and all associated work pertaining thereto in accordance with the MEM's 'For Construction' drawings. Drawings not marked 'For Construction' shall not be used in the erection of the MEM's building system.

In accordance with Sec. 7.10.3 of the latest edition of the AISC Code of Standard Practice, temporary supports such as guys, braces, falsework, shoring, and other elements necessary to safely erect the building system and prevent structural and other damage to the building system shall be determined and furnished by the erector. The structural building system provided by the MEM is designed for service conditions in accordance with the building code. The contractor shall erect the system in a manner that insures that the loading conditions on the structure during service are not exceeded in any part of the structure throughout the erection process.

Unless noted otherwise, the MEM shall not be responsible for the design of any elements of this project not part of the structural building system provided by the MEM. The contractor shall be responsible for taking appropriate steps to insure that such elements are properly structurally designed and constructed.

It is the responsibility of the contractor to observe and apply all pertinent OSHA and other mandatory safety provisions.

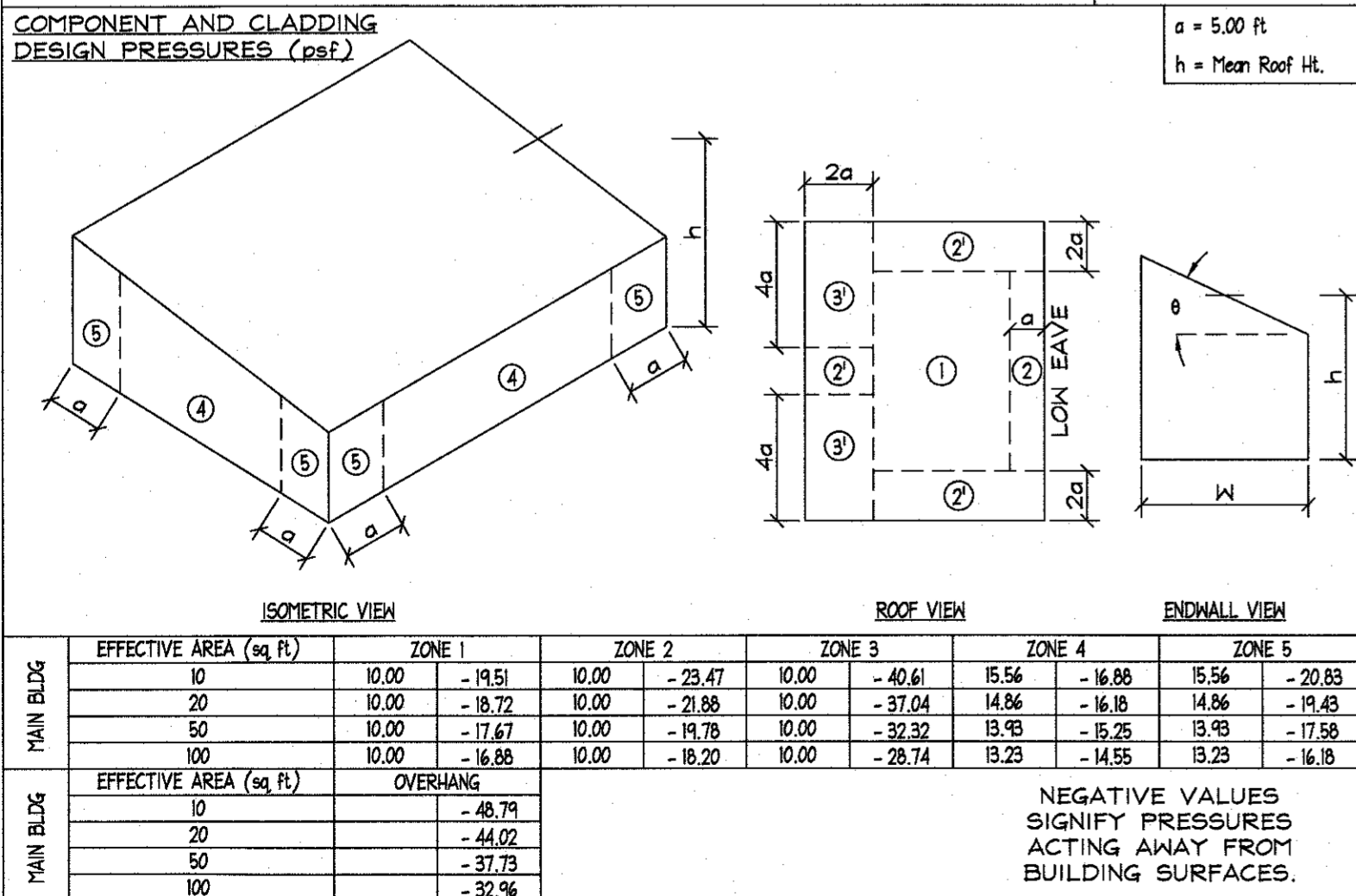
The contractor is responsible for the inspection of all of the MEM's shipment received. Any claims of non-received items must be reported to the MEM in writing within 5 business days. In order to maintain the quality guarantee and to qualify for reimbursement, any field modifications of any reported defective item may not be performed without a prior written endorsement by the MEM.

THE MEM shall not be held liable for any claim whatsoever, including, but not limited to, labor charges or consequential damages, resulting from the Contractor/Erector's use of defective or incorrect materials that can be detected by visual inspection.

THE MEM is not responsible for material damaged in unloading or for packaged or nested materials, including, but not limited to, fasteners, sheet metal, 'C' and 'Z' sections, and covering panels that become wet and/or are damaged by water while in the possession of others. Packaged or nested materials that become wet in transit shall be unpacked, unstacked and dried by the contractor.

With respect to all other building system erection aspects not mentioned above, the contractor shall comply with the Sec. 6 of the MEM's Common Industry Practices. For any aspects of the erection not covered by the MEM's Common Industry Practices, the provisions of Sec. 7 of the latest edition of the AISC Code of Standard Practice shall apply.

COMPONENT AND CLADDING DESIGN PRESSURES (psf)



| | | RELEASE HISTORY | | | | |
|---------------|---------|-----------------|---|---|---|---|
| # | DATE | 1 | 2 | 3 | 4 | 5 |
| | 12-6-17 | | | | | |
| | 12-8-17 | | | | | |
| CONST. PERMIT | APPROV. | | | | | |
| REV. | | | | | | |
| CONST. PERMIT | APPROV. | | | | | |
| REV. | | | | | | |
| COMMENTS | NOTES | | | | | |
| REVISIONS | | | | | | |
| MARK | | | | | | |

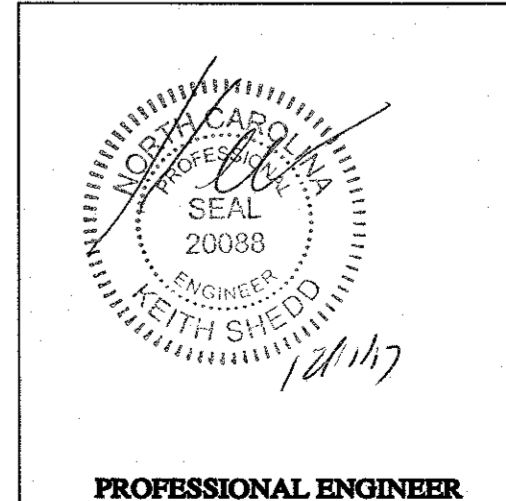
CUSTOMER: Nichols Building, Inc.
Fayetteville, NC 28312
JOB NAME: Casino Party Aces
Fuquay-Varina, NC 27526

ACI
BUILDING SYSTEMS, LLC
P.O. BOX 196 - BATESVILLE, MS - 38606
(662) 583-6174 - (662) 583-1162 (FAX)

For Customer Service issues, please contact one of the following:
TODD FISCHER
JEFF RIPPEE
BILL BROOKS

ENGINEERING SEAL

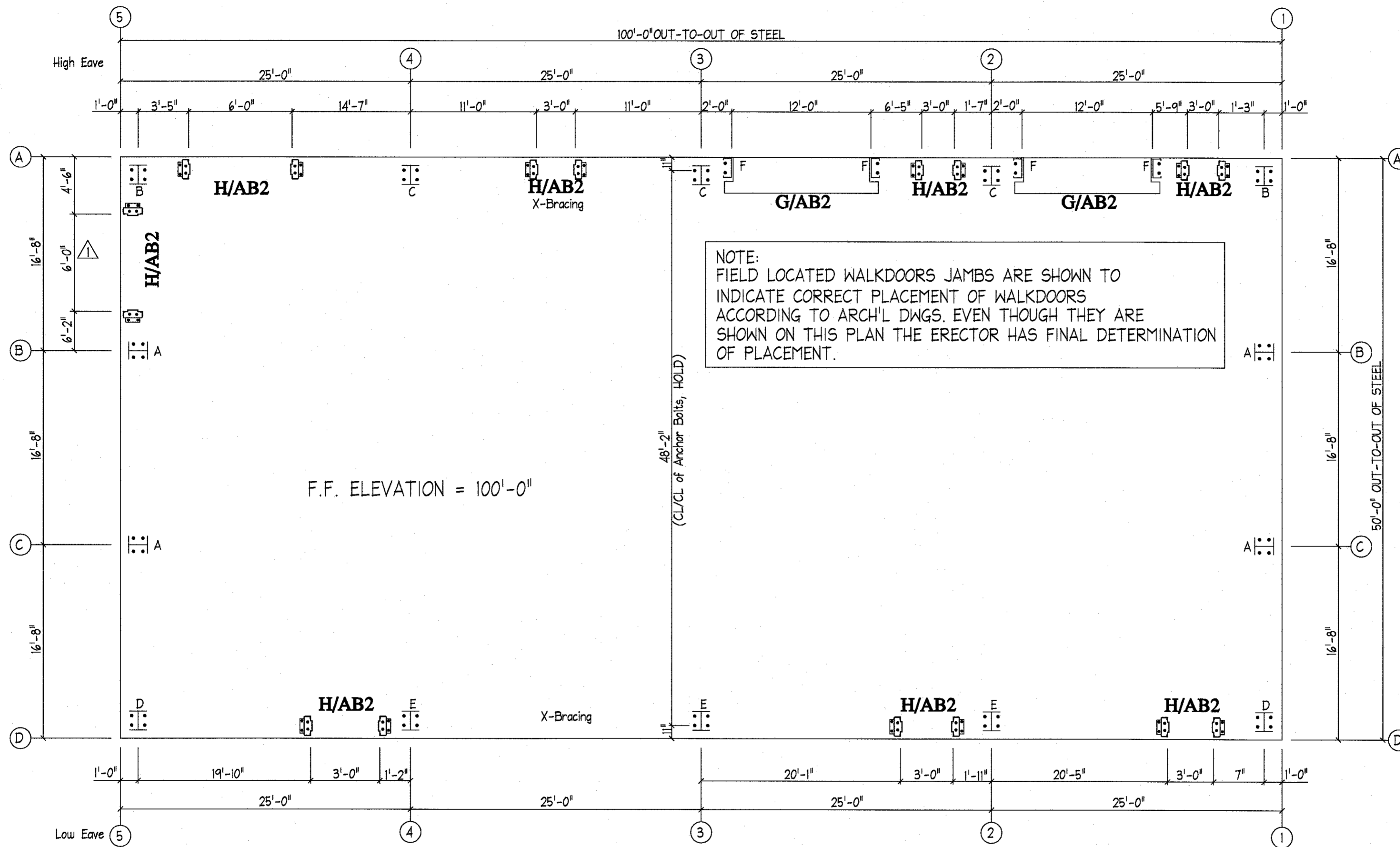
This certification covers parts fabricated and delivered by the manufacturer only and excludes parts such as doors, windows, foundation design and erection of the building. Sealed drawings do not constitute an agreement that the signed engineer is acting as the engineer of record for the overall project.



| | |
|---------|-----|
| ENG BY: | JIM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | JLB |

JOB NUMBER: B17-8652

DWG NUMBER: CS1 of 1



ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (U.N.)

| Qty | Locate | Dia (in) | Type | Proj (in) |
|-----|---------|----------|--------------|-----------|
| 64 | W-DOOR | 1/2" | Wedge Anchor | 2.50 |
| 8 | Jamb | 5/8" | FB54-GR36 | 2.50 |
| 16 | Endwall | 3/4" | FB54-GR36 | 2.50 |
| 40 | Frame | 3/4" | FB54-GR36 | 2.50 |

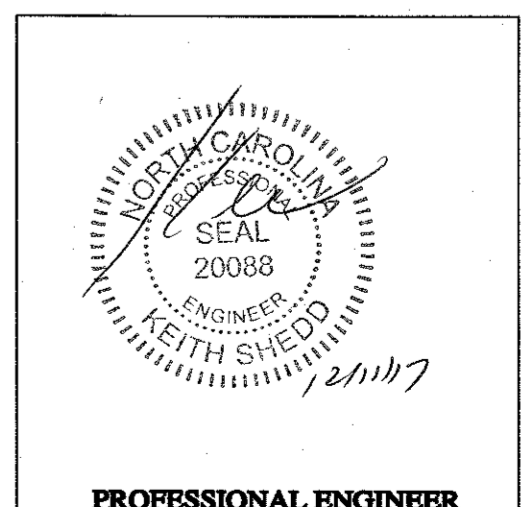
GENERAL NOTES

- All baseplates @ same elevation unless noted otherwise.
- Anchor bolt design for embedment is not by the manufacturer and must be determined by the foundation engineer.
- See base plate details for correct placement of anchor bolts.

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| # | DATE |
| 1 | 12-6-17 |
| 2 | 12-8-17 |
| 3 | |
| 4 | |
| 5 | |

CUSTOMER: Nichols Building, Inc.
Fayetteville, NC 28312
JOB NAME: Casino Party Aces
Fuquay-Varina, NC 27526

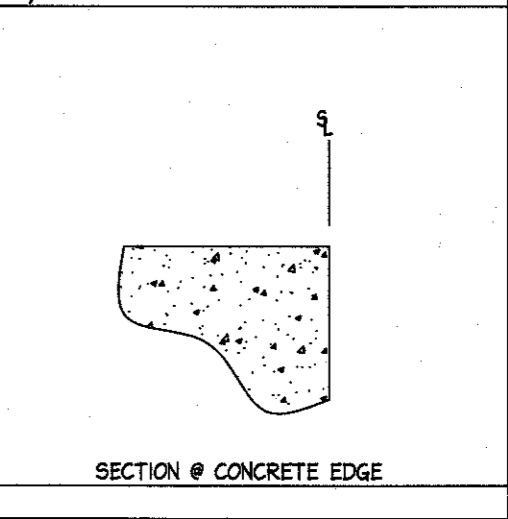
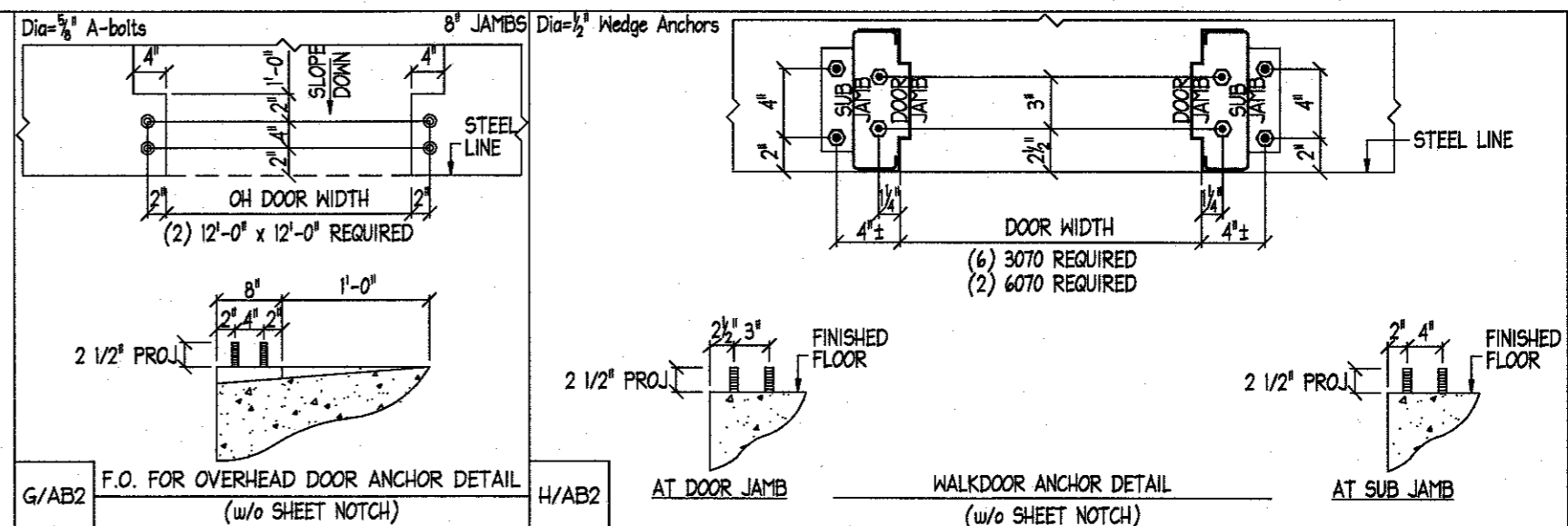
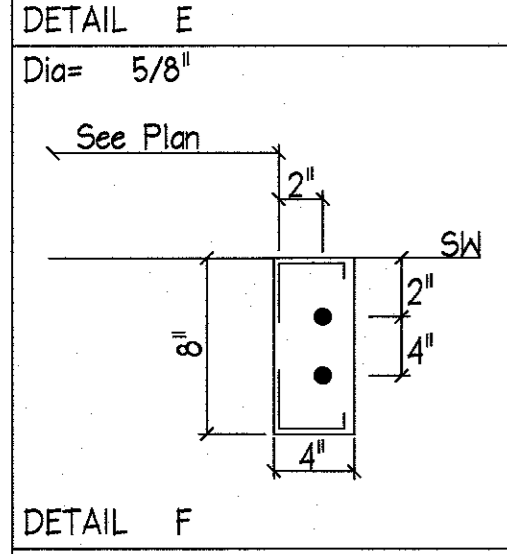
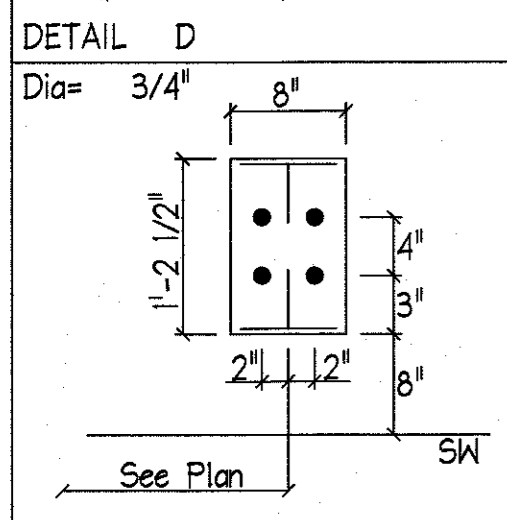
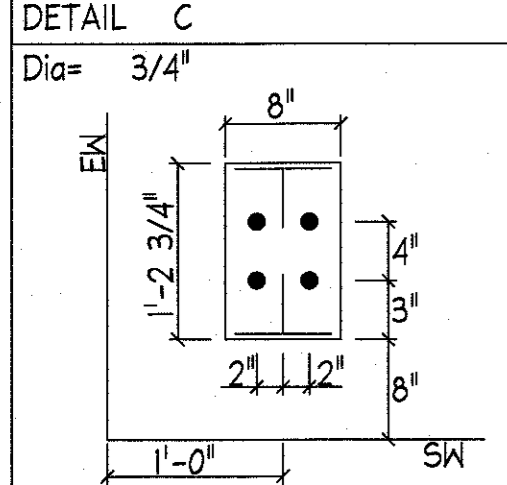
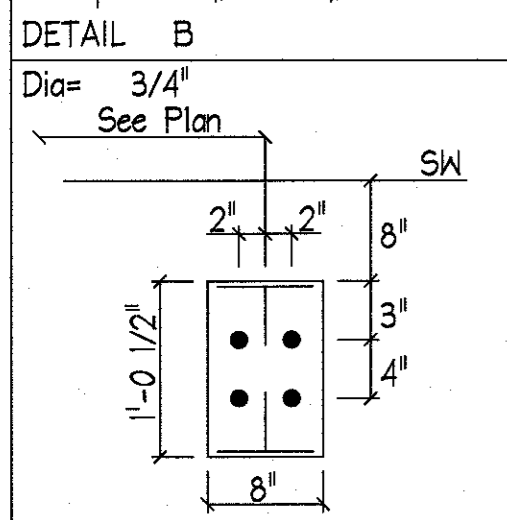
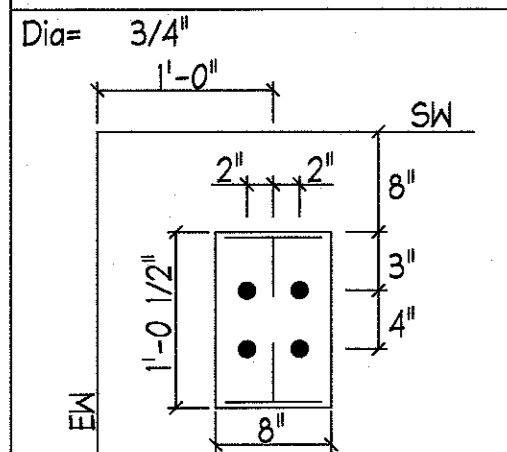
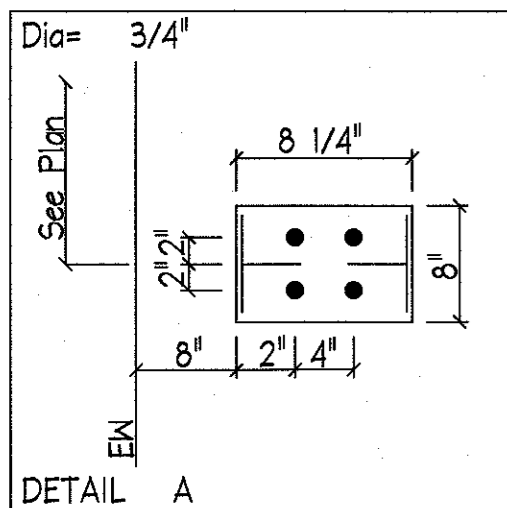
ACI
BUILDING SYSTEMS, LLC
P.O. BOX 1316 - BATESVILLE, MS - 38606
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| | |
|---------|-----|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | JLB |

JOB NUMBER:
B17-8652

DWG NUMBER: **PLAN C**

AB1 of 3



| RELEASE HISTORY | | | | |
|-----------------|---------|-----------|-----------------------------|------|
| # | DATE | REVISIONS | COMMENTS | MARK |
| 1 | 12-6-17 | | CONST. PERMIT APPROVAL REV. | |
| 2 | 12-8-17 | | CONST. PERMIT APPROVAL REV. | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |

CUSTOMER: Nichols Building, Inc.
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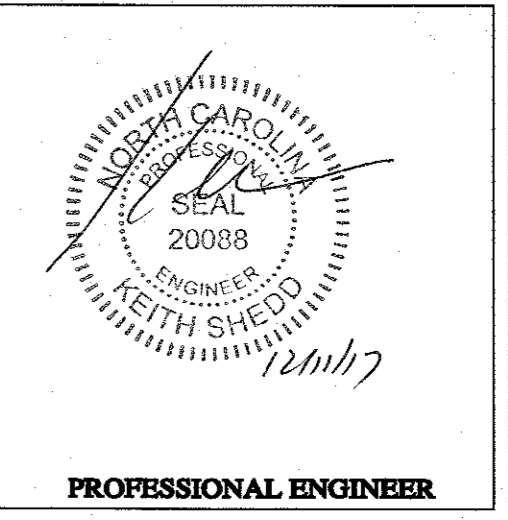
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|-------------|----------|
| ENG BY: | JIM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | JLB |
| JOB NUMBER: | B17-8652 |
| DWG NUMBER: | AB2 of 3 |

ENGINEERING SEAL

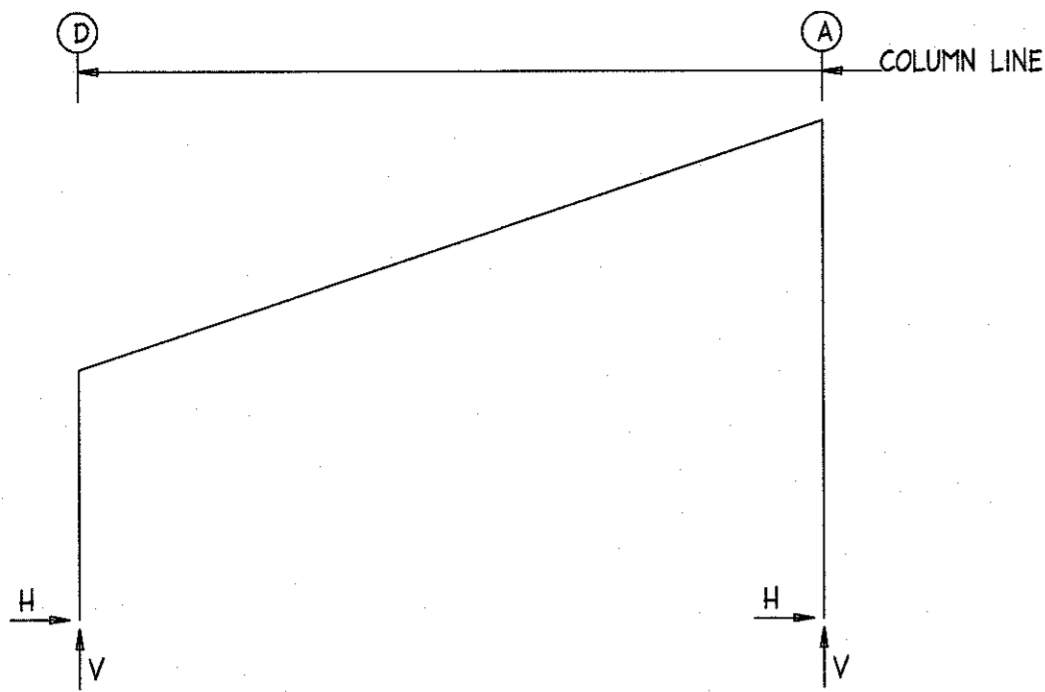
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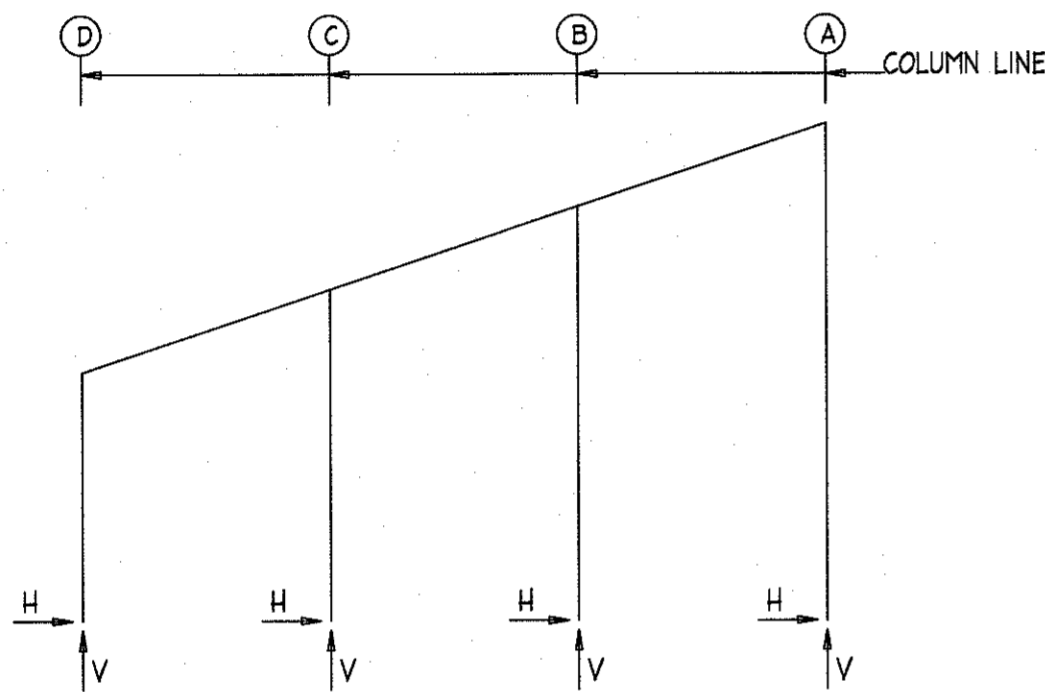
PROFESSIONAL ENGINEER



FRAME LINES: 2 3 4



FRAME LINES: 1 5



RIGID FRAME: BASIC COLUMN REACTIONS (k)

| Frame Line | Column Line | Dead Horiz | Dead Vert | Collateral Horiz | Collateral Vert | Live Horiz | Live Vert | Snow Horiz | Snow Vert | Wind_Left1 Horiz | Wind_Left1 Vert | Wind_Right1 Horiz | Wind_Right1 Vert |
|------------|-------------|------------|-----------|------------------|-----------------|------------|-----------|------------|-----------|------------------|-----------------|-------------------|------------------|
| 2* | D | 0.3 | 2.9 | 0.3 | 1.9 | 1.1 | 8.8 | 0.9 | 9.2 | -4.2 | -10.7 | 8.1 | -1.6 |
| 2* | A | -0.3 | 3.2 | -0.3 | 2.0 | -1.1 | 9.2 | -0.9 | 9.5 | -3.1 | -6.7 | 3.5 | -12.1 |

| Frame Line | Column Line | Wind_Left2 Horiz | Wind_Left2 Vert | Wind_Right2 Horiz | Wind_Right2 Vert | Wind_Long1 Horiz | Wind_Long1 Vert | Wind_Long2 Horiz | Wind_Long2 Vert | Seismic_Left Horiz | Seismic_Left Vert | Seismic_Right Horiz | Seismic_Right Vert |
|------------|-------------|------------------|-----------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|--------------------|-------------------|---------------------|--------------------|
| 2* | D | -5.8 | -7.4 | 7.2 | 1.3 | 2.4 | -8.2 | 1.5 | -5.2 | -0.8 | -0.4 | 0.8 | 0.4 |
| 2* | A | -1.5 | -4.0 | 4.4 | -9.2 | -1.1 | -12.7 | -0.2 | -9.7 | -0.1 | 0.4 | 0.1 | -0.4 |

| Frame Line | Column Line | Seismic_Long Horiz | Seismic_Long Vert | LWIND1_L2E Horiz | LWIND1_L2E Vert | LWIND1_R2E Horiz | LWIND1_R2E Vert | LWIND2_L2E Horiz | LWIND2_L2E Vert | LWIND2_R2E Horiz | LWIND2_R2E Vert |
|------------|-------------|--------------------|-------------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|
| 2* | D | 0.0 | -1.2 | 0.3 | -0.9 | 0.3 | 0.2 | 0.3 | -0.9 | 0.3 | 0.2 |
| 2* | A | 0.0 | -2.8 | 0.1 | -0.2 | 0.1 | -1.4 | 0.1 | -0.2 | 0.1 | -1.4 |

| Frame Line | Column Line | Dead Horiz | Dead Vert | Collateral Horiz | Collateral Vert | Live Horiz | Live Vert | Snow Horiz | Snow Vert | Wind_Left1 Horiz | Wind_Left1 Vert | Wind_Right1 Horiz | Wind_Right1 Vert |
|------------|-------------|------------|-----------|------------------|-----------------|------------|-----------|------------|-----------|------------------|-----------------|-------------------|------------------|
| 1* | D | 0.0 | 1.1 | 0.0 | 0.4 | 0.0 | 2.9 | 0.0 | 3.8 | -0.1 | -3.2 | 7.2 | 6.8 |
| 1* | A | 0.0 | 1.4 | 0.0 | 0.5 | 0.0 | 3.1 | 0.0 | 3.9 | -2.1 | -3.7 | 1.7 | -6.0 |
| 1* | C | 0.0 | 1.3 | 0.0 | 1.0 | 0.0 | 3.5 | 0.0 | 2.8 | 0.0 | -6.3 | 0.0 | -12.5 |
| 1* | B | 0.0 | 1.4 | 0.0 | 1.0 | 0.0 | 3.4 | 0.0 | 2.8 | 0.0 | -3.1 | 0.0 | -0.2 |

| Frame Line | Column Line | Wind_Left2 Horiz | Wind_Left2 Vert | Wind_Right2 Horiz | Wind_Right2 Vert | Wind_Long1 Horiz | Wind_Long1 Vert | Wind_Long2 Horiz | Wind_Long2 Vert | Seismic_Left Horiz | Seismic_Left Vert | Seismic_Right Horiz | Seismic_Right Vert |
|------------|-------------|------------------|-----------------|-------------------|------------------|------------------|-----------------|------------------|-----------------|--------------------|-------------------|---------------------|--------------------|
| 1* | D | -1.4 | -3.2 | 6.1 | 6.6 | 2.8 | 1.1 | 1.7 | 0.9 | -0.7 | -1.0 | 0.7 | 1.0 |
| 1* | A | -1.2 | -2.7 | 2.4 | -5.1 | -1.1 | -2.5 | -0.4 | -1.5 | -0.1 | 0.3 | 0.1 | -0.3 |
| 1* | C | 0.0 | -3.7 | 0.0 | -9.8 | 0.0 | -7.1 | 0.0 | -4.4 | 0.0 | 1.1 | 0.0 | -1.1 |
| 1* | B | 0.0 | -2.6 | 0.0 | 0.5 | 0.0 | -1.8 | 0.0 | -1.1 | 0.0 | -0.4 | 0.0 | 0.4 |

| Frame Line | Column Line | LWIND1_L2E Horiz | LWIND1_L2E Vert | LWIND1_R2E Horiz | LWIND1_R2E Vert | LWIND2_L2E Horiz | LWIND2_L2E Vert | LWIND2_R2E Horiz | LWIND2_R2E Vert | F2PAT_SL1 Horiz | F2PAT_SL1 Vert | F2PAT_SL2 Horiz | F2PAT_SL2 Vert |
|------------|-------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|-----------------|----------------|-----------------|----------------|
| 1* | D | 0.3 | -0.3 | 0.2 | 0.4 | 0.3 | -0.3 | 0.2 | 0.4 | 0.0 | 0.7 | 0.0 | 0.1 |
| 1* | A | 0.0 | -0.1 | 0.0 | -0.8 | 0.0 | -0.1 | 0.0 | -0.8 | 0.0 | 0.0 | 0.0 | 0.9 |
| 1* | C | 0.0 | -0.7 | 0.0 | -0.3 | 0.0 | -0.7 | 0.0 | -0.3 | 0.0 | 0.9 | 0.0 | -0.1 |
| 1* | B | 0.0 | 0.2 | 0.0 | -0.1 | 0.0 | 0.2 | 0.0 | -0.1 | 0.0 | -0.1 | 0.0 | 0.8 |

| Frame Line | Column Line | F2PAT_LL3 Horiz | F2PAT_LL3 Vert | F2PAT_LL4 Horiz | F2PAT_LL4 Vert | F2PAT_LL5 Horiz | F2PAT_LL5 Vert | F2PAT_LL6 Horiz | F2PAT_LL6 Vert | F2PAT_LL7 Horiz | F2PAT_LL7 Vert | F2PAT_LL8 Horiz | F2PAT_LL8 Vert |
|------------|-------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| 1* | D | 0.0 | 0.6 | 0.0 | -0.1 | 0.0 | 1.4 | 0.0 | -0.1 | 0.1 | 1.8 | 0.0 | -0.3 |
| 1* | A | 0.0 | -0.1 | 0.0 | 0.8 | 0.0 | -0.1 | 0.0 | 1.7 | -0.1 | 2.1 | 0.0 | -0.2 |
| 1* | C | 0.0 | 1.8 | 0.0 | 0.7 | 0.0 | 4.1 | 0.0 | 1.7 | 0.0 | 1.8 | 0.0 | 2.0 |
| 1* | B | 0.0 | 0.8 | 0.0 | 1.7 | 0.0 | 1.8 | 0.0 | 3.9 | 0.0 | 1.5 | 0.0 | 2.1 |

2* Frame lines: 2 3 4
1* Frame lines: 1 5

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, # BASE PLATES

| Frm Line | Col Line | Load Id | Column_Reactions(k) | | | Hmin H | V Vmin | Bolt(in) | | Base_Plate(in) | | | Elev. (in) |
|----------|----------|---------|---------------------|--------|---------|--------|--------|----------|-------|----------------|--------|-------|------------|
| | | | Hmax H | V Vmax | Load Id | | | Qty | Dia | Width | Length | Thick | |
| 1* | D | 6 | 7.2 | 7.4 | 7 | -1.4 | -2.5 | 4 | 0.750 | 8.000 | 14.75 | 0.375 | 0.0 |
| | | 4 | 5.4 | 9.4 | 5 | -0.1 | -2.6 | | | | | | |
| 1* | A | 8 | 2.4 | -4.2 | 5 | -2.1 | -2.9 | 4 | 0.750 | 8.000 | 12.50 | 0.375 | 0.0 |
| | | 2 | 0.0 | 5.8 | 6 | 1.7 | -5.2 | | | | | | |
| 1* | C | 6 | 0.0 | -11.7 | 6 | 0.0 | -11.7 | 4 | 0.750 | 8.000 | 8.250 | 0.375 | 0.0 |
| | | 10 | 0.0 | 6.4 | | | | | | | | | |
| 1* | B | 5 | 0.0 | -2.3 | 5 | 0.0 | -2.3 | 4 | 0.750 | 8.000 | 8.250 | 0.375 | 0.0 |
| | | 11 | 0.0 | 6.2 | | | | | | | | | |

1* Frame lines: 1 5

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, # BASE PLATES

| Frm Line | Col Line | Load Id | Column_Reactions(k) | | | Hmin H | V Vmin | Bolt(in) | | Base_Plate(in) | | | Elev. (in) |
|----------|----------|---------|---------------------|--------|---------|--------|--------|----------|-------|----------------|--------|-------|------------|
| | | | Hmax H | V Vmax | Load Id | | | Qty | Dia | Width | Length | Thick | |
| 2* | D | 6 | 8.3 | 0.1 | 7 | -5.6 | -5.7 | 4 | 0.750 | 8.000 | 14.50 | 0.375 | 0.0 |
| | | 2 | 1.5 | 14.0 | 5 | -4.0 | -9.0 | | | | | | |
| 2* | A | 8 | 4.2 | -7.3 | 3 | -3.8 | 7.1 | 4 | 0.750 | 8.000 | 12.50 | 0.375 | 0.0 |
| | | 2 | -1.5 | 14.7 | 9 | -1.2 | -12.1 | | | | | | |

2* Frame lines: 2 3 4

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, # BASE PLATES

| Frm Line | Col Line | Load Id | Column_Reactions(k) | | | Hmin H | V Vmin | Bolt(in) | | Base_Plate(in) | | | Elev. (in) |
|----------|----------|---------|---------------------|--------|---------|--------|--------|----------|-----|----------------|--------|-------|------------|
| | | | Hmax H | V Vmax | Load Id | | | Qty | Dia | Width | Length | Thick | |
| 1 | C * | 12 | 2.3 | -4.2 | 13 | -2.1 | -3.5 | | | | | | |
| | | 1 | 0.0 | 8.1 | 12 | 2.3 | -4.2 | | | | | | |
| 1 | B * | 12 | 3.0 | -4.4 | 13 | -2.7 | -3.5 | | | | | | |
| | | 1 | 0.0 | 8.2 | 12 | 3.0 | -4.4 | | | | | | |
| 5 | B * | 14 | 2.9 | -4.4 | 13 | -2.7 | -3.5 | | | | | | |
| | | 1 | 0.0 | 8.2 | 14 | 2.9 | -4.4 | | | | | | |
| 5 | C * | 14 | 2.3 | -4.2 | 13 | -2.1 | -3.5 | | | | | | |
| | | 1 | 0.0 | 8.1 | 14 | 2.3 | -4.2 | | | | | | |

*See Rigid Frame Interior Column Reactions

BUILDING BRACING REACTIONS

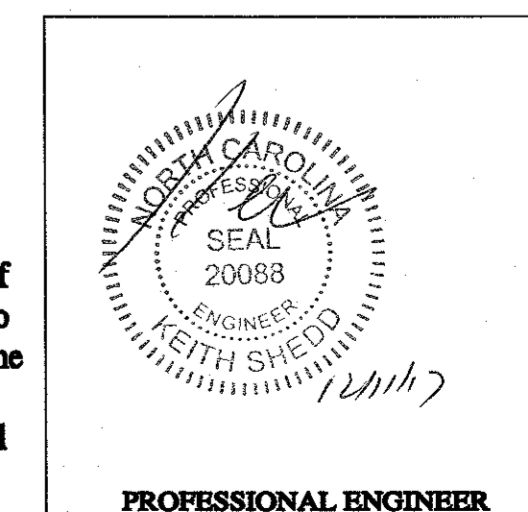
| Loc | Wall Line | Col Line | ± Reactions(k) | | | | Panel_Shear (lb/ft) | | Note |
|------|-----------|----------|----------------|------|------|------|---------------------|------|------|
| | | | Horz | Vert | Horz | Vert | Wind | Seis | |
| L_EW | 1 | | | | | | | | (h) |
| F_SW | A | 3,4 | 3.9 | 4.9 | 2.2 | 2.8 | | | (h) |
| R_EW | 5 | | | | | | | | (h) |
| B_SW | D | 4,3 | 2.9 | 1.7 | 2.0 | 1.2 | | | |

(h) Rigid frame at endwall

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JEFF RIPPEE
BILL BROOKS

ENGINEERING SEAL

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| RELEASE HISTORY | | | | |
|-----------------|---------|----|--------|------|
| # | DATE | BY | REASON | MARK |
| 1 | 12-6-17 | | | |
| 2 | 12-8-17 | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |

CUSTOMER: Nichols Building, Inc.
Fayetteville, NC 28312
JOB NAME: Casino Party Aces
Fuquay-Varina, NC 27526

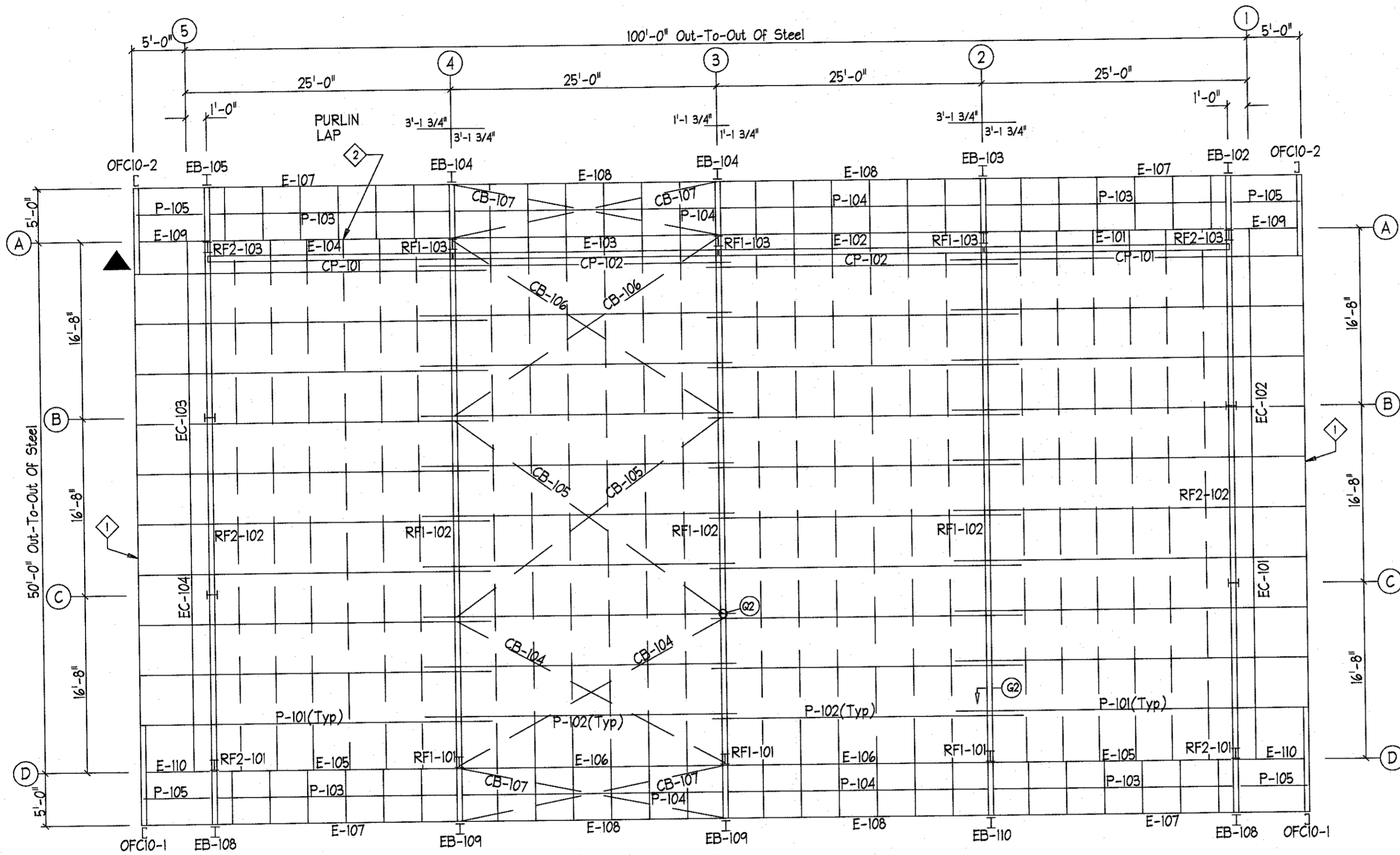
ACI
BUILDING SYSTEMS, LLC
P.O. BOX 156 - BATESVILLE, MS - 38606
(602) 583-4574 - (602) 583-7142 (FAX)

| | |
|---------|-----|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | JLB |

JOB NUMBER: B17-8652

DWG NUMBER: 1/3

AB3 of 3



ROOF FRAMING PLAN

| EXTENSION/CANOPY BOLTS | | | | |
|------------------------|------|------|------|--------|
| ROOF PLAN | | | | |
| MARK | QUAN | TYPE | DIA | LENGTH |
| EB-102 | 4 | A325 | 5/8" | 1 1/2" |
| EB-103 | 8 | A325 | 5/8" | 1 1/2" |
| EB-104 | 8 | A325 | 5/8" | 1 1/2" |
| EB-105 | 4 | A325 | 5/8" | 1 1/2" |
| EB-108 | 8 | A325 | 5/8" | 1 1/2" |
| EB-109 | 8 | A325 | 5/8" | 1 1/2" |
| EB-110 | 8 | A325 | 5/8" | 1 1/2" |

| ANGLE TABLE | | |
|-------------|--------|--------|
| ROOF PLAN | | |
| DI | MARK | LENGTH |
| 1 | HPPI38 | 10'-0" |
| 1 | HPPI38 | 10'-0" |
| 2 | BAI | 20'-0" |
| 2 | SST | 1'-0" |

| MEMBER TABLE | |
|--------------|-----------------------|
| ROOF PLAN | |
| MARK | PART |
| EB-102 | W10x12 |
| EB-103 | W10x12 |
| EB-104 | W10x12 |
| EB-105 | W10x12 |
| OFC10-1 | 10 1/2" Open Face CEE |
| OFC10-2 | 10 1/2" Open Face CEE |
| EB-108 | W10x12 |
| EB-109 | W10x12 |
| EB-110 | W10x12 |
| P-101 | 10X25Z16 |
| P-102 | 10X25Z16 |
| P-103 | 10X25Z16 |
| P-104 | 10X25Z14 |
| P-105 | 10X25Z16 |
| CP-101 | 8X25Z16 |
| CP-102 | 8X25Z16 |
| E-101 | 10 9/16HE14 HD |
| E-102 | 10 9/16HE14 HD |
| E-103 | 10 9/16HE14 HD |
| E-104 | 10 9/16HE14 HD |
| E-105 | 10 9/16HE14 LD |
| E-106 | 10 9/16HE14 LD |
| E-107 | 10X25Z16 |
| E-108 | 10X25Z16 |
| E-109 | 10 9/16HE14 HD |
| E-110 | 10 9/16HE14 LD |
| CB-104 | 1/4" CBL |
| CB-105 | 1/4" CBL |
| CB-106 | 1/4" CBL |
| CB-107 | 1/4" CBL |

| RELEASE HISTORY | | | | | | |
|-----------------|---------|----|--------|---|---|---|
| # | DATE | BY | REASON | 1 | 2 | 3 |
| 1 | 12-6-17 | | | | | |
| 2 | 12-8-17 | | | | | |

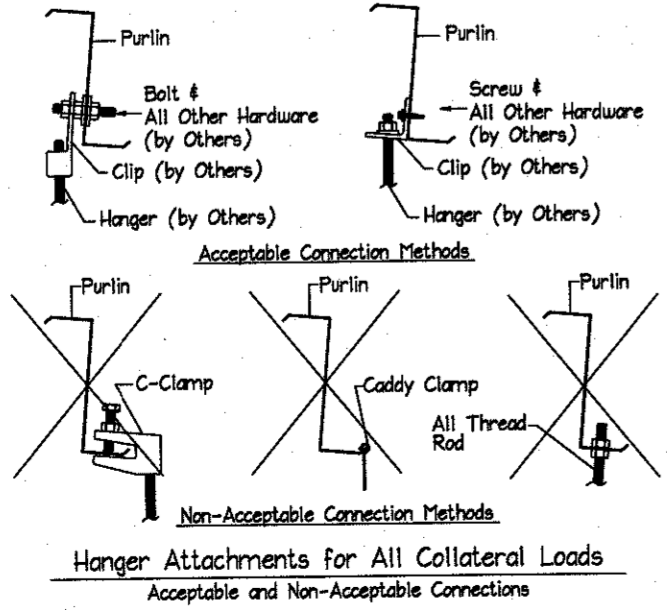
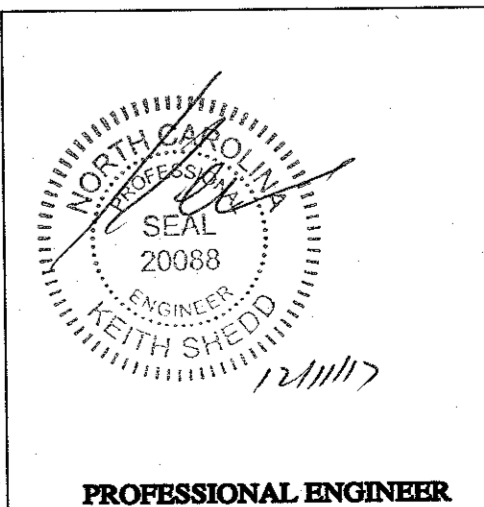
CUSTOMER: Nichols Building, Inc.
 Fayetteville, NC 28312
 JOB NAME: Casino Party Aces
 Fuquay-Varina, NC 27526

ACI
 BUILDING SYSTEMS, LLC
 P.O. BOX 816 - BATESVILLE, MS - 38606
 (602) 583-4574 - (602) 583-1462 (FAX)

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TODD FISCHER
JEFF RIPPEE
BILL BROOKS

ENGINEERING SEAL

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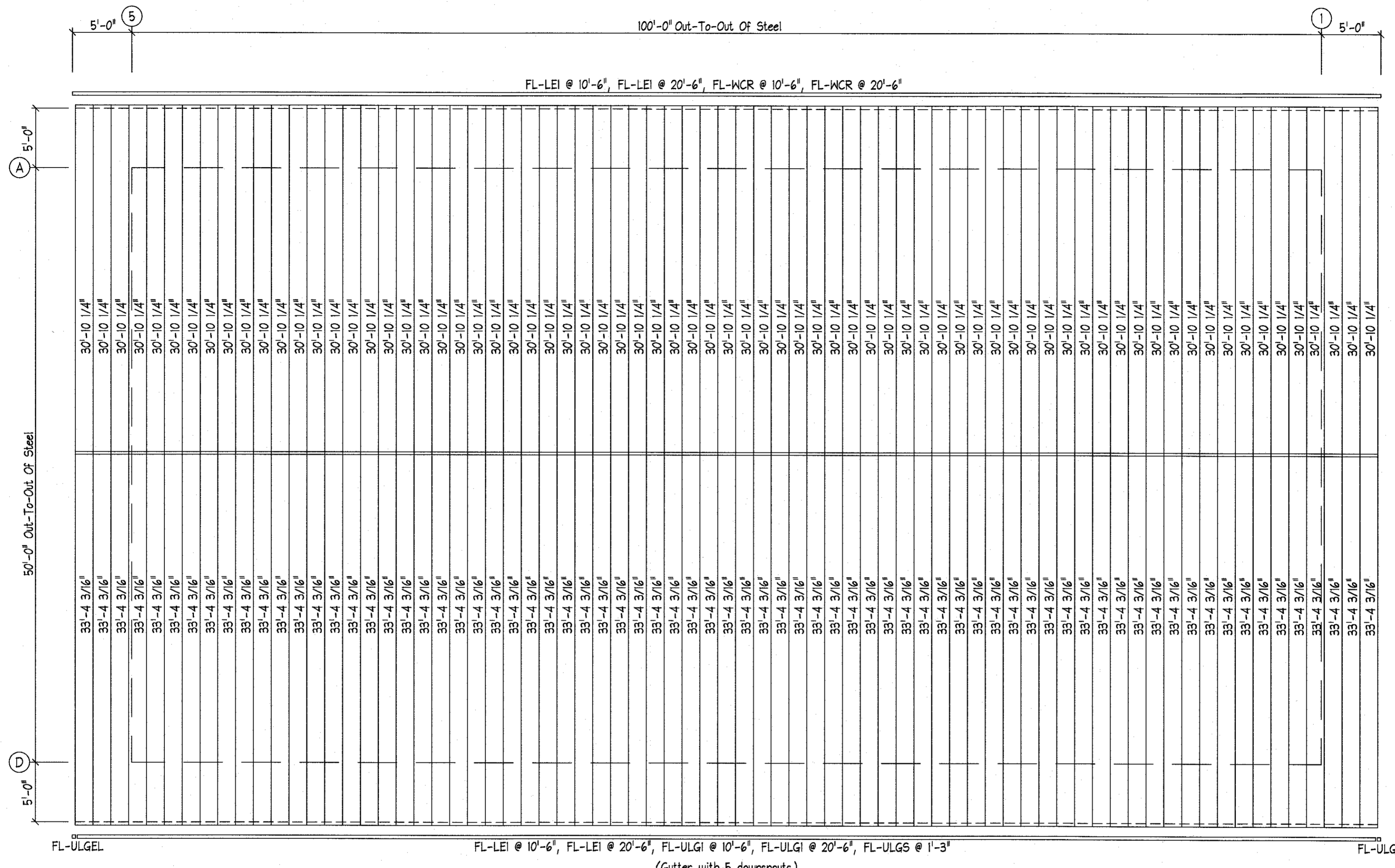
ERECTION NOTES

1. ▲ = (COLLECTOR PURLIN THIS ROW)

| | |
|---------|-----|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | GTJ |

JOB NUMBER:
B17-8652

DWG NUMBER: **EP1 of 11**



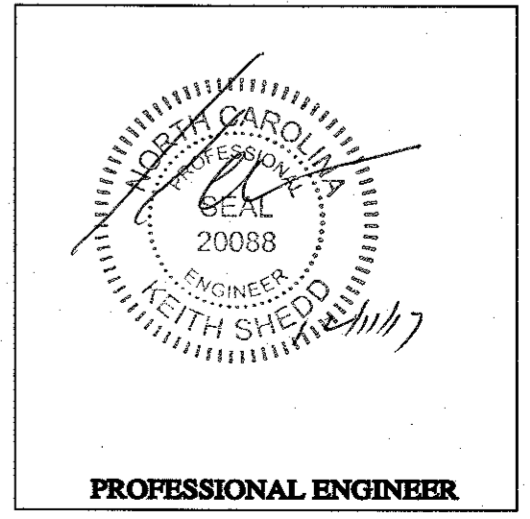
ROOF SHEETING PLAN

STANDING SEAM ROOF SPECIFICATIONS:
 PANEL TYPE: UltraLok
 PANEL GAUGE: 24
 PANEL COLOR: Scarlet Red
 SEAM TYPE: TRIPLELOK
 CLIP TYPE: HIGH/FLOATING
 CLIP MARK: N/A
 CLIP QTY: N/A
 * SPACER BLOCK REQUIRED
 SPACER BLOCK QTY: N/A

(NOTE: A 90° HAND CRIMPER IS REQ'D TO SEAM THIS ROOF IN ADDITION TO THE MECHANICAL SEAMER TO BE LEASED FROM A THIRD PARTY)

FOR ROOF SYSTEM INSTALLATION INSTRUCTIONS AND ANY DETAILS NOT SHOWN ON THESE DRAWINGS, REFER TO THE ROOF SYSTEM INSTALLATION GUIDE PROVIDED WITH THIS BUILDING. THE INSTALLATION GUIDE MAY ALSO BE DOWNLOADED AT www.acibuildingsystems.com/panels.html

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| RELEASE HISTORY | |
|-----------------|---------|
| # | DATE |
| 1 | 12-6-17 |
| 2 | 12-8-17 |
| 3 | |
| 4 | |
| 5 | |

| ENG | COMMENTS | REVISIONS | MARK | EDWGS/ABOLTS | | CONST. PERMIT | |
|-----|----------|-----------|------|--------------|------|---------------|---------|
| | | | | REV. | REV. | APPRVL. | APPRVL. |
| | | | | | | | |

CUSTOMER: Nichols Building, Inc.
 Fayetteville, NC 28312
 JOB NAME: Casino Party Aces
 Fuquay-Varina, NC 27526

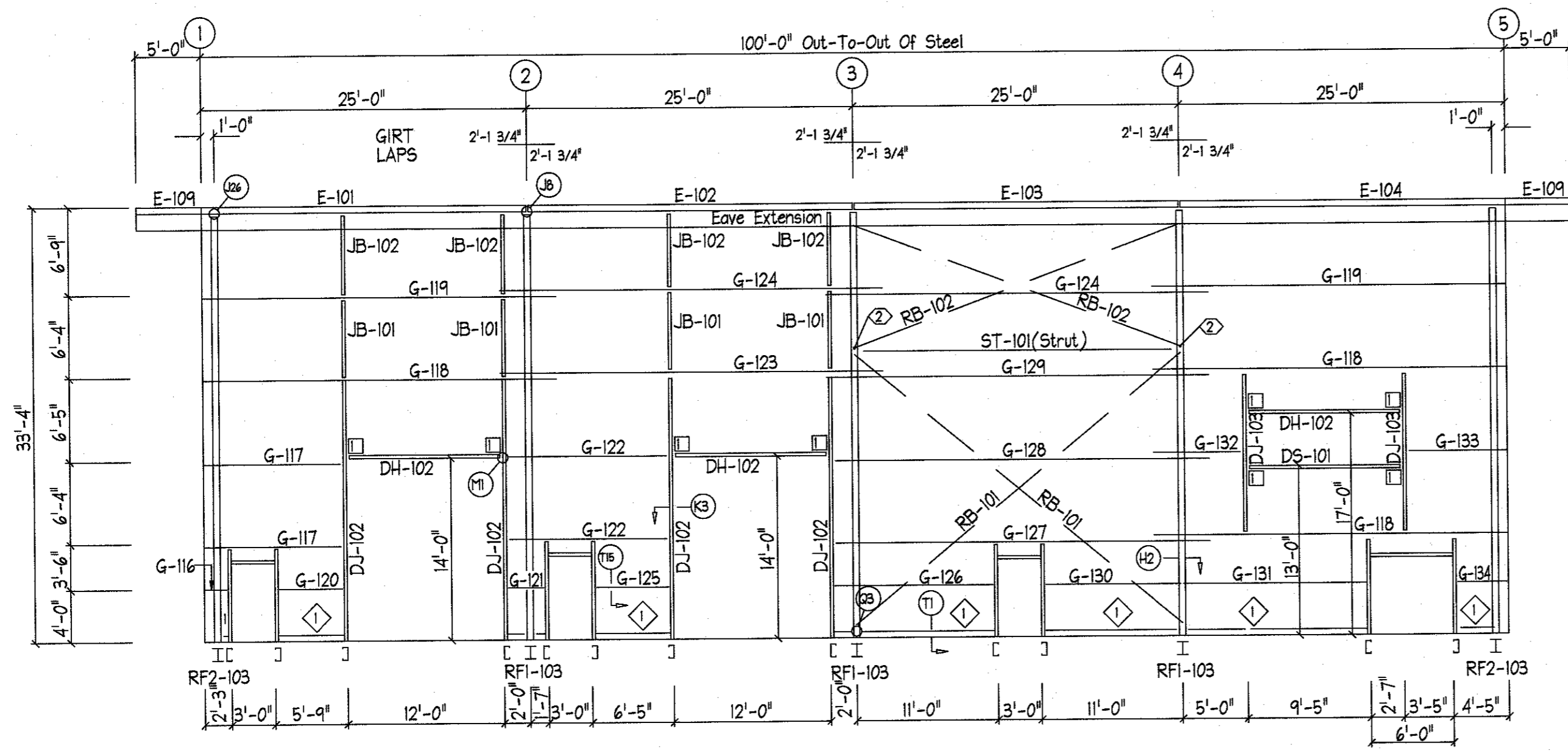
ACI BUILDING SYSTEMS, LLC
 P.O. BOX 136 - BATESVILLE, MS - 38606
 (602) 583-4574 - (602) 583-1442 (FAX)

| | |
|---------|-----|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | GTJ |

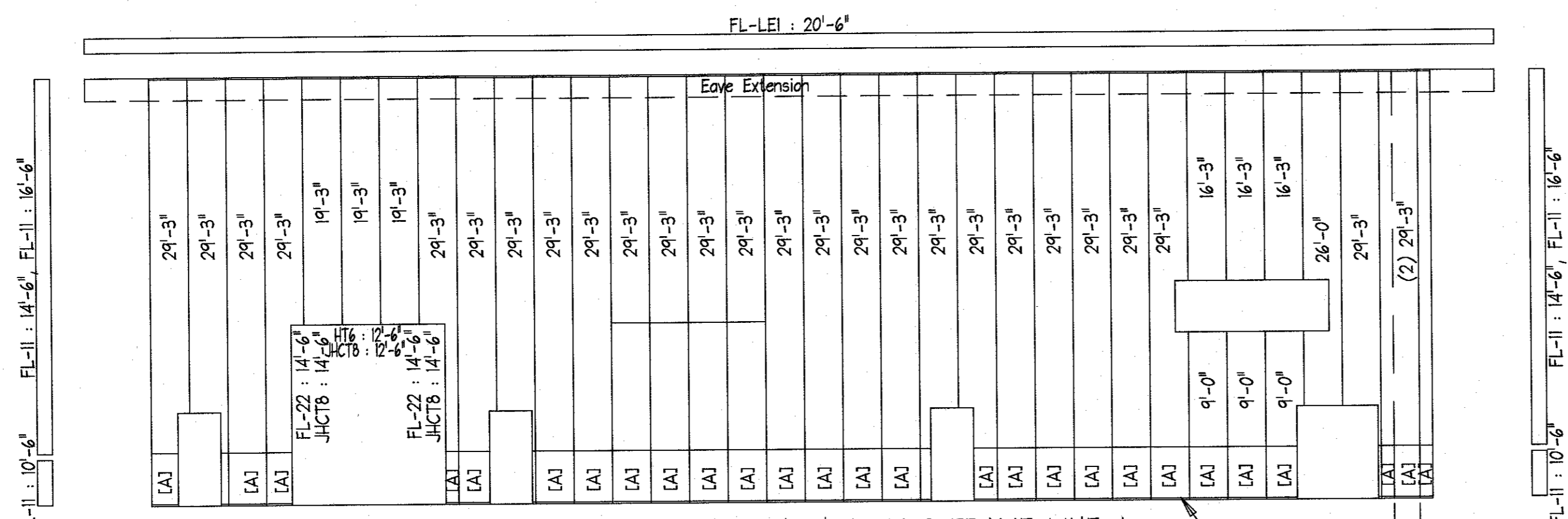
JOB NUMBER:
B17-8652

DWG NUMBER: **EP2** of 11

PROFESSIONAL ENGINEER

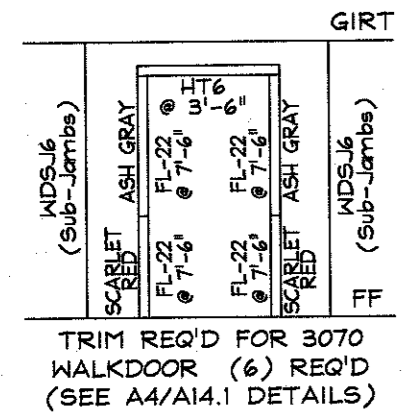


FRONT SIDEWALL FRAMING @ FRAME LINE A

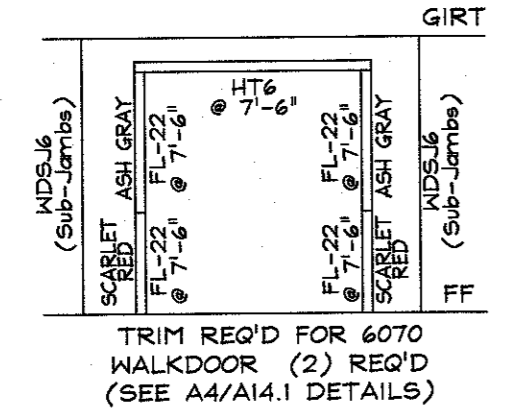


FRONT SIDEWALL SHEETING & TRIM @ FRAME LINE A

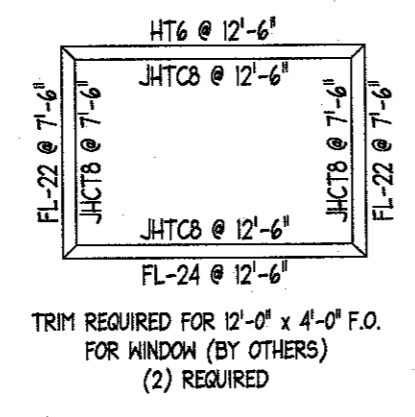
PANELS: 26 Ga. PBR - Ash Gray
 [A] PANELS: 26 Ga. PBR - Scarlet Red
 [A] (30) 4'-2" WAINSCOT PANELS



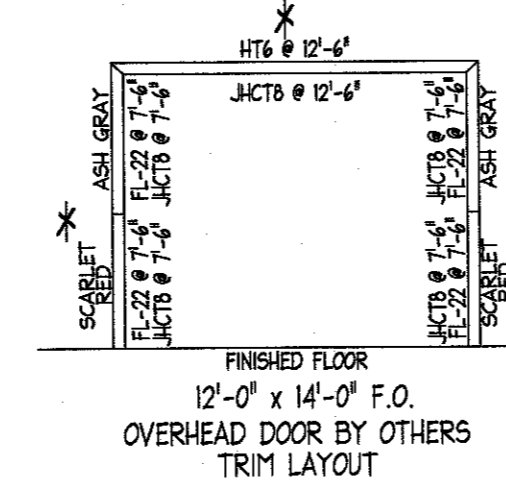
TRIM REQ'D FOR 3070 WALKDOOR (6) REQ'D (SEE A4/A14.1 DETAILS)



TRIM REQ'D FOR 6070 WALKDOOR (2) REQ'D (SEE A4/A14.1 DETAILS)



TRIM REQUIRED FOR 12'-0" x 4'-0" F.O. FOR WINDOW (BY OTHERS) (2) REQUIRED



TRIM LAYOUT (1) REQUIRED

*NOTE: TRIM IS BEING PROVIDED FOR FUTURE OHD OPENING

BOLT TABLE
 FRAME LINE A

| LOCATION | QUAN | TYPE | DIA | LENGTH |
|----------|------|------|------|--------|
| Strut | 2 | A325 | 1/2" | 1 1/4" |

SPECIAL BOLTS

| ID | QUAN | TYPE | DIA | LENGTH | WASH |
|----|------|------|------|--------|------|
| 2 | 2 | A325 | 1/2" | 1 1/4" | 0 |

ANGLE TABLE
 FRAME LINE A

| ID | MARK | PART |
|----|------|-----------|
| 1 | BA1 | 2X4X1/4GA |

CONNECTION PLATES
 FRAME LINE A

| ID | MARK/PART |
|----|-----------|
| 1 | HA2 |

MEMBER TABLE
 FRAME LINE A

| MARK | PART |
|--------|----------------|
| DJ-102 | 8X25C12 |
| DJ-103 | 8X25C16 |
| DH-102 | 8X25C16 |
| DS-101 | 8X25C16 |
| E-101 | 10 9/16HE14 HD |
| E-102 | 10 9/16HE14 HD |
| E-103 | 10 9/16HE14 HD |
| E-104 | 10 9/16HE14 HD |
| E-109 | 10 9/16HE14 HD |
| G-116 | 8X35C16 |
| G-117 | 8X25Z16 |
| G-118 | 8X35Z12 |
| G-119 | 8X25Z14 |
| G-120 | 8X35C16 |
| G-121 | 8X35C16 |
| G-122 | 8X25Z16 |
| G-123 | 8X35Z12 |
| G-124 | 8X25Z14 |
| G-125 | 8X35C16 |
| G-126 | 8X35C16 |
| G-127 | 8X35Z14 |
| G-128 | 8X25Z14 |
| G-129 | 8X35Z14 |
| G-130 | 8X35C16 |
| G-131 | 8X35C16 |
| G-132 | 8X25Z14 |
| G-133 | 8X25Z16 |
| G-134 | 8X35C16 |
| ST-101 | P4.5x188 |
| RB-101 | 5/8" Rod |
| RB-102 | 5/8" Rod |
| JB-101 | 8X25C16 |
| JB-102 | 8X25C16 |
| WDSJ6 | 8X25C16 |

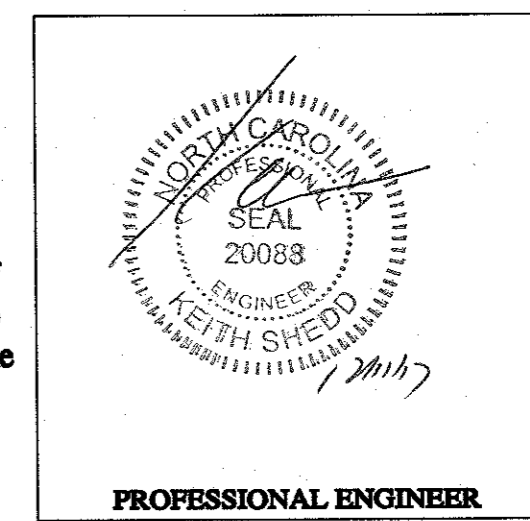
RELEASE HISTORY

| # | DATE | BY | REASON |
|---|---------|-----|---------|
| 1 | 12-6-17 | JTG | ISSUED |
| 2 | 12-8-17 | JTG | REVISED |
| 3 | | | |
| 4 | | | |
| 5 | | | |

CUSTOMER: Nichols Building, Inc.
 Fayetteville, NC 28312
JOB NAME: Casino Party Aces
 Fuquay-Varina, NC 27526

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 (662) 563-6574 - (662) 563-1142 (FAX)

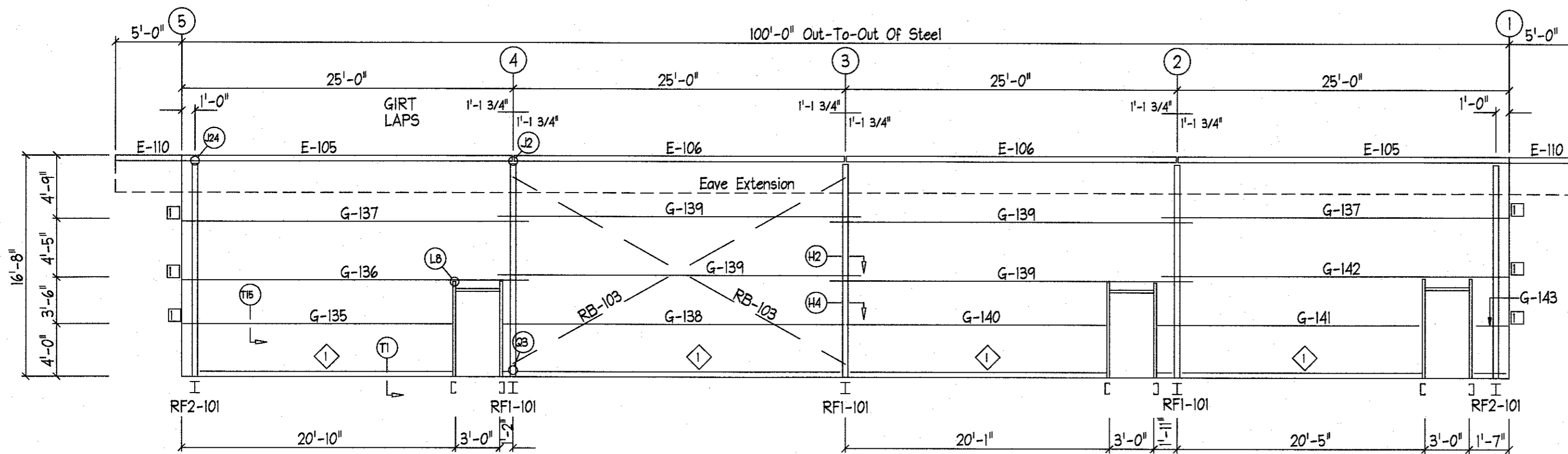
For Customer Service issues, please contact one of the following:
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 JEFF RIPPEE
 BILL BROOKS



ENGINEERING SEAL

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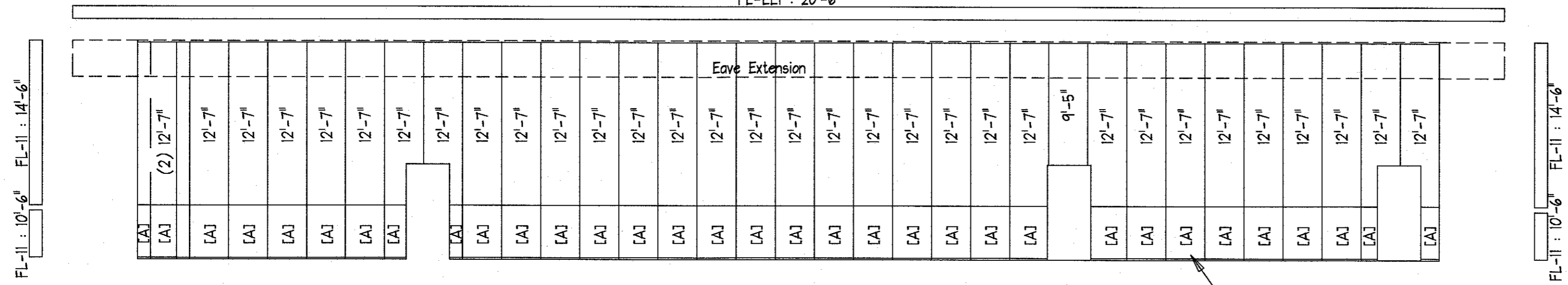
| | |
|-------------|-----------|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | GJI |
| JOB NUMBER: | B17-8652 |
| DWG NUMBER: | EP3 of 11 |



BACK SIDEWALL FRAMING @ FRAME LINE D

(Gutter with 5 downspouts)

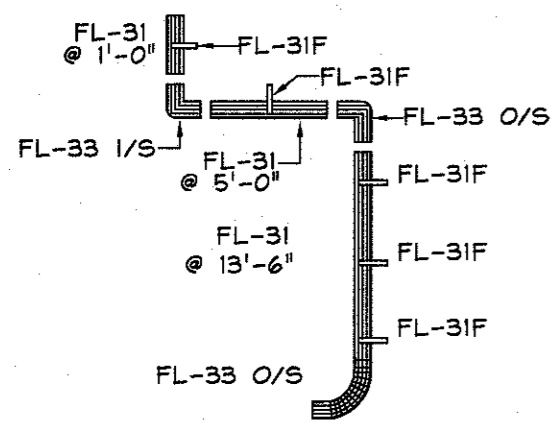
FL-LEI : 20'-6"



BACK SIDEWALL SHEETING & TRIM @ FRAME LINE D

PANELS: 26 Ga. PBR - Ash Gray
 [A] PANELS: 26 Ga. PBR - Scarlet Red

[A] (33) 4'-2" WAINSCOT PANELS



SEE SIDEWALL ELEVATION FOR QUANTITY
 EVENLY SPACE ALONG SIDEWALL
 (SEE G40 DETAIL)

| CONNECTION PLATES | | |
|-------------------|------|------|
| ID | MARK | PART |
| 1 | SAI | |

| ANGLE TABLE | | |
|-------------|------|-----------|
| ID | MARK | PART |
| 1 | BAI | 2X4X1/4GA |

| MEMBER TABLE | |
|--------------|---------------|
| MARK | PART |
| WDS-16 | 8X25C16 |
| E-105 | 10 9/16E14 LD |
| E-106 | 10 9/16E14 LD |
| E-110 | 10 9/16E14 LD |
| G-135 | 8X35C12 |
| G-136 | 8X25Z16 |
| G-137 | 8X25Z16 |
| G-138 | C8x11.5 |
| G-139 | 8X25Z16 |
| G-140 | 8X35C12 |
| G-141 | 8X35C12 |
| G-142 | 8X25Z14 |
| G-143 | 8X35C16 |
| RB-103 | 5/8" Rod |

| RELEASE HISTORY | | | | |
|-----------------|---------|----|--------|------|
| # | DATE | BY | REASON | REV. |
| 1 | 12-6-17 | | | 1 |
| 2 | 12-8-17 | | | 2 |
| 3 | | | | 3 |
| 4 | | | | 4 |
| 5 | | | | 5 |

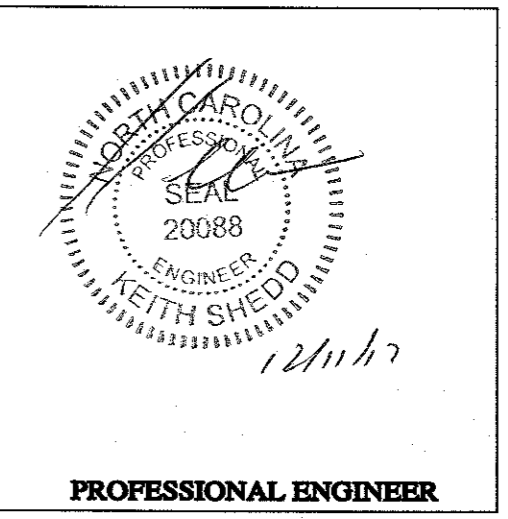
CUSTOMER: Nichols Building, Inc.
 Fayetteville, NC 28312
 JOB NAME: Casino Party Aces
 Fuquay-Varina, NC 27526

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BUILDING SYSTEMS, LLC
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JEFF RIPPEE
BILL BROOKS

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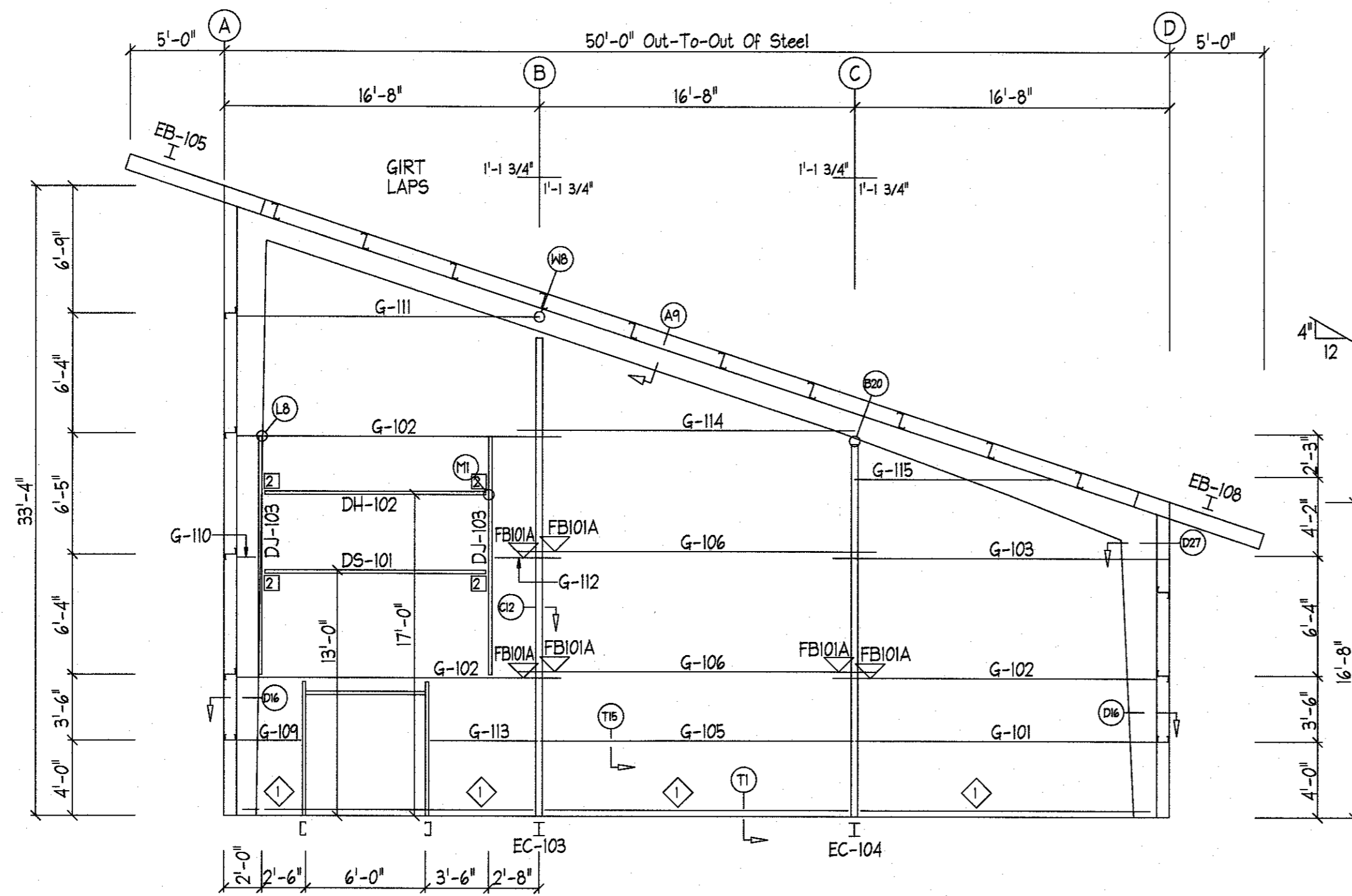


| | |
|---------|-----|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | GTJ |

JOB NUMBER:
B17-8652

DWG NUMBER:

EP4 of 11



LEFT ENDWALL FRAMING @ FRAME LINE 5

| BOLT TABLE | | | | |
|--------------|------|------|------|--------|
| FRAME LINE 5 | | | | |
| LOCATION | QUAN | TYPE | DIA | LENGTH |
| Columns/Raf | 4 | A325 | 5/8" | 1 1/2" |

| FLANGE BRACE TABLE | | |
|--------------------|--------|-----------|
| FRAME LINE 5 | | |
| ID | MARK | LENGTH |
| 1 | FBI01A | 2'-5 1/8" |

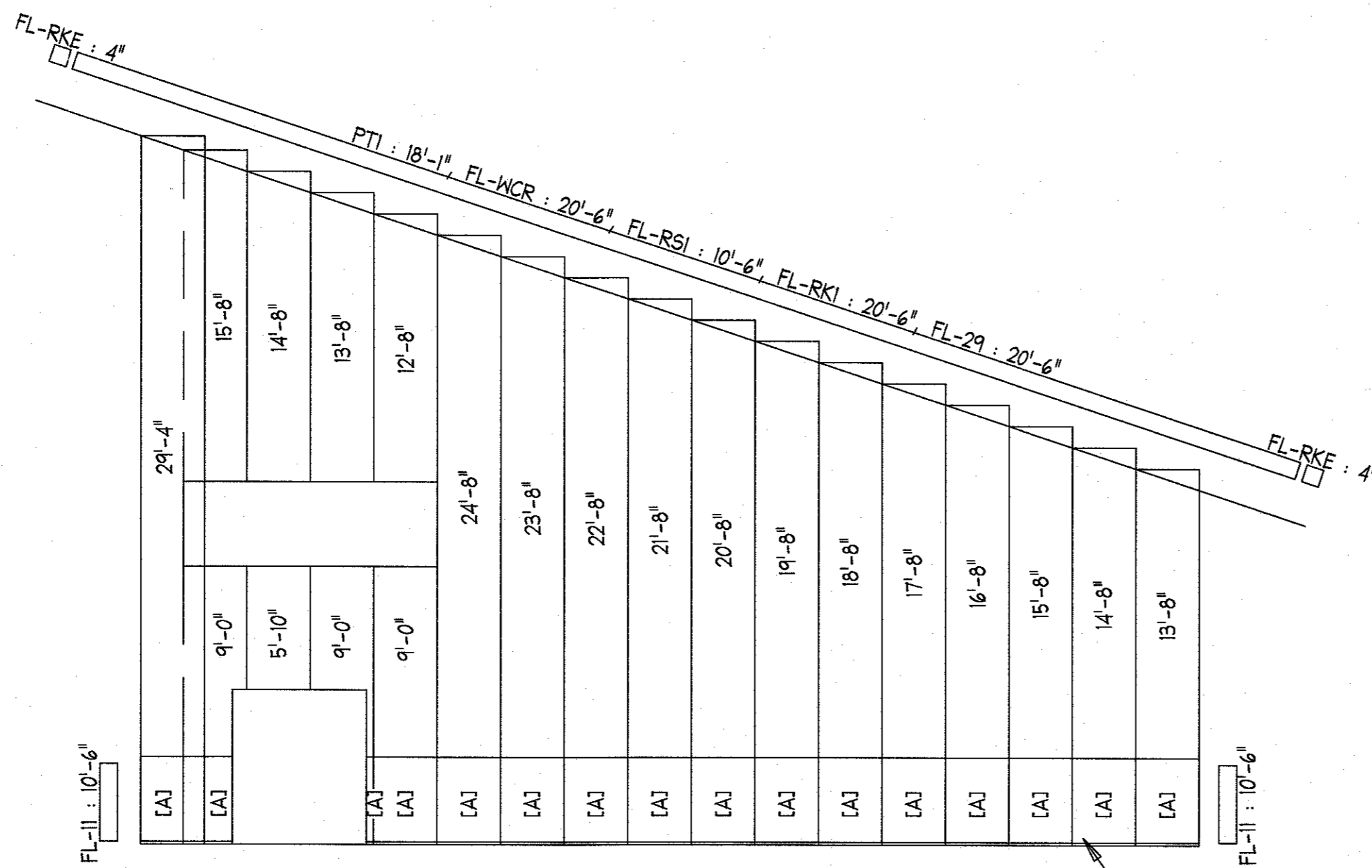
| ANGLE TABLE | | |
|--------------|------|-----------|
| FRAME LINE 5 | | |
| ID | MARK | PART |
| 1 | BA1 | 2X4X1/4GA |

| CONNECTION PLATES | | |
|-------------------|-----------|--|
| FRAME LINE 5 | | |
| ID | MARK/PART | |
| 2 | HA2 | |

| MEMBER TABLE | |
|--------------|---------|
| FRAME LINE 5 | |
| MARK | PART |
| EB-105 | W10x12 |
| EB-108 | W10x12 |
| EC-103 | W8x15 |
| EC-104 | W8x15 |
| DJ-103 | 8X25C16 |
| DH-102 | 8X25C16 |
| DS-101 | 8X25C16 |
| G-101 | 8X35C16 |
| G-102 | 8X25Z16 |
| G-103 | 8X25Z16 |
| G-105 | 8X35C16 |
| G-106 | 8X25Z16 |
| G-109 | 8X35C16 |
| G-110 | 8X25Z16 |
| G-111 | 8X25Z16 |
| G-112 | 8X25Z16 |
| G-113 | 8X35C16 |
| G-114 | 8X25Z16 |
| G-115 | 8X25Z16 |
| WDSJ6 | 8X25C16 |

| RELEASE HISTORY | | | | |
|-----------------|---------|----|--------|--|
| # | DATE | BY | REASON | |
| 1 | 12-6-17 | | | |
| 2 | 12-8-17 | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |

CUSTOMER: Nichols Building, Inc.
 Fayetteville, NC 28312
 JOB NAME: Casino Party Aces
 Fuquay-Varina, NC 27526



LEFT ENDWALL SHEETING & TRIM @ FRAME LINE 5

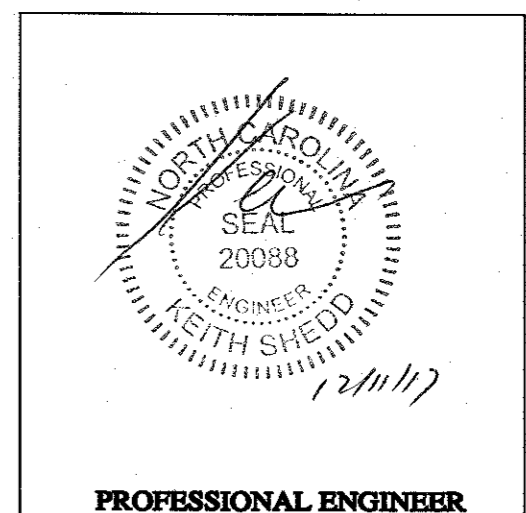
PANELS: 26 Ga. PBR - Ash Gray
 [A] PANELS: 26 Ga. PBR - Scarlet Red

[A] (16) 4'-2" WAINSCOT PANELS

For Customer Service issues,
 please contact one of the following:
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JEFF RIPPEE
BILL BROOKS

ENGINEERING SEAL

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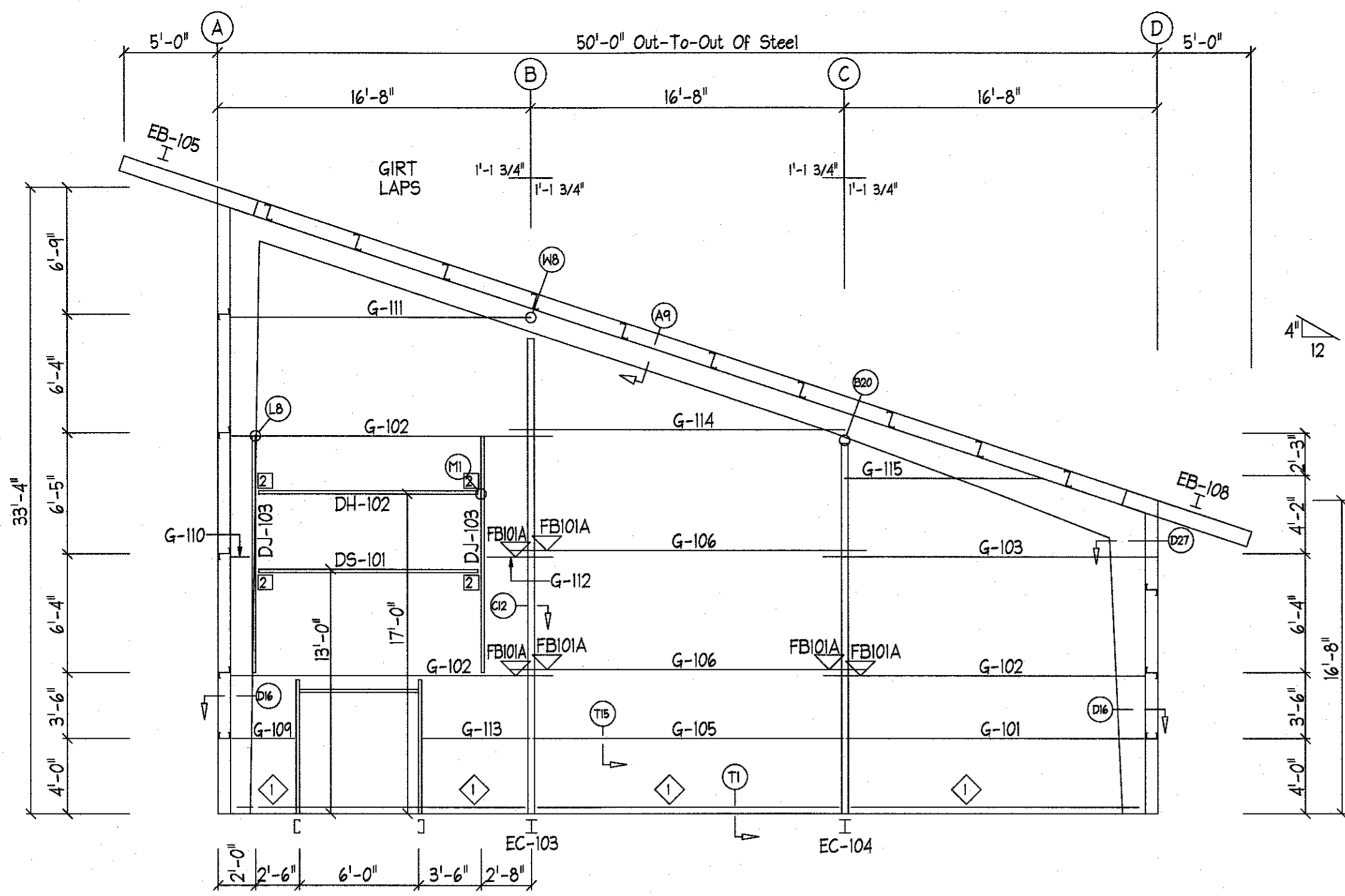


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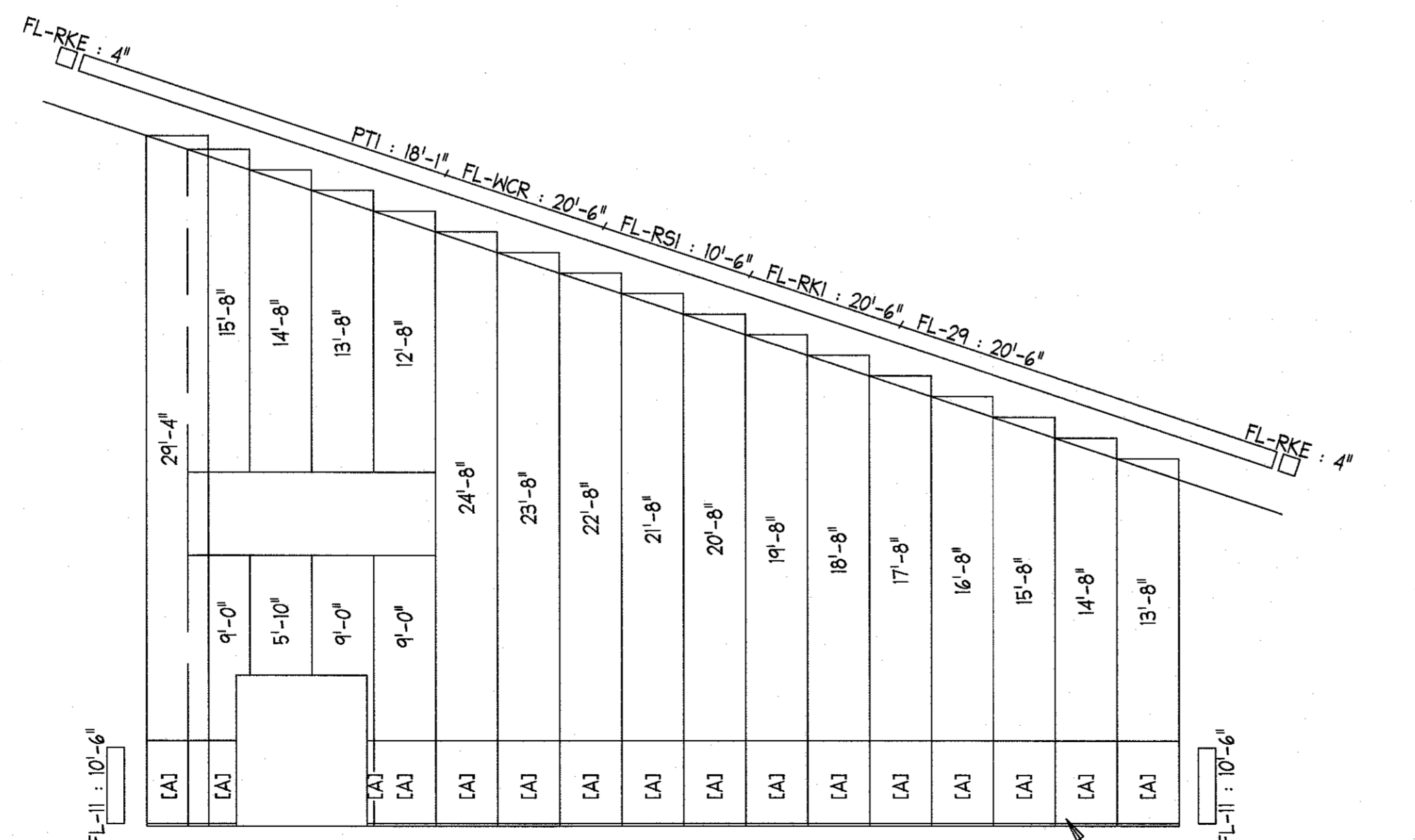
| | |
|---------|-----|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CHK BY: | GTJ |

JOB NUMBER:
B17-8652

DWG NUMBER:
EP5 of 11



LEFT ENDWALL FRAMING @ FRAME LINE 5



LEFT ENDWALL SHEETING & TRIM @ FRAME LINE 5

PANELS: 26 Ga. PBR - Ash Gray
 [A] PANELS: 26 Ga. PBR - Scarlet Red

[A] (16) 4'-2" WAINSCOT PANELS

| BOLT TABLE | | | | |
|--------------|------|------|------|--------|
| FRAME LINE 5 | | | | |
| LOCATION | QUAN | TYPE | DIA | LENGTH |
| Columns/Raf | 4 | A325 | 5/8" | 1 1/2" |

| FLANGE BRACE TABLE | | |
|--------------------|--------|-----------|
| FRAME LINE 5 | | |
| VID | MARK | LENGTH |
| 1 | FB101A | 2'-5 1/8" |

| ANGLE TABLE | | |
|--------------|------|----------|
| FRAME LINE 5 | | |
| QD | MARK | PART |
| 1 | BAI | 2X4X14GA |

| CONNECTION PLATES | | |
|-------------------|-----------|--|
| FRAME LINE 5 | | |
| ID | MARK/PART | |
| 2 | HA2 | |

| MEMBER TABLE | |
|--------------|---------|
| FRAME LINE 5 | |
| MARK | PART |
| EB-105 | W10x12 |
| EB-108 | W10x12 |
| EC-103 | W8x15 |
| EC-104 | W8x15 |
| DJ-103 | 8X25C16 |
| DH-102 | 8X25C16 |
| DS-101 | 8X25C16 |
| G-101 | 8X35C16 |
| G-102 | 8X25Z16 |
| G-103 | 8X25Z16 |
| G-105 | 8X35C16 |
| G-106 | 8X25Z16 |
| G-109 | 8X35C16 |
| G-110 | 8X25Z16 |
| G-111 | 8X25Z16 |
| G-112 | 8X25Z16 |
| G-113 | 8X35C16 |
| G-114 | 8X25Z16 |
| G-115 | 8X25Z16 |
| WDS-16 | 8X25C16 |

| RELEASE HISTORY | | | | |
|-----------------|---|----|--------|--|
| DATE | # | BY | REASON | |
| 12-6-17 | 1 | | | |
| 12-8-17 | 2 | | | |
| | 3 | | | |
| | 4 | | | |
| | 5 | | | |

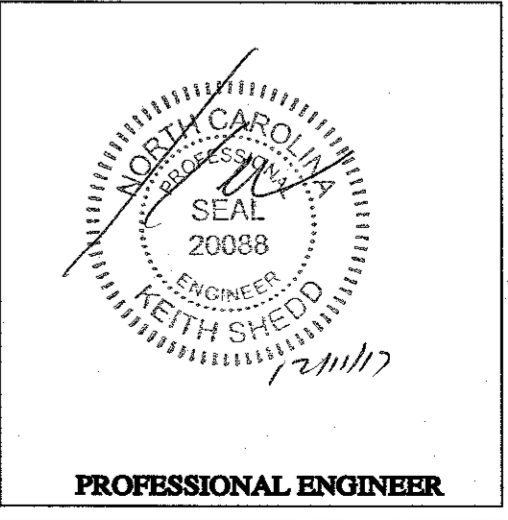
CUSTOMER: Nichols Building, Inc.
 Fayetteville, NC 28312
 JOB NAME: Casino Party Aces
 Fuquay-Varina, NC 27526

ACI
BUILDING SYSTEMS, LLC
 P.O. BOX 156 - BATESVILLE, MS - 38606
 (602) 563-4574 - (602) 563-7142 (FAX)

For Customer Service issues,
 please contact one of the following:
TODD FISCHER
JEFF RIPPEE
BILL BROOKS

ENGINEERING SEAL

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| | |
|---------|-----|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | GJI |

JOB NUMBER:
B17-8652

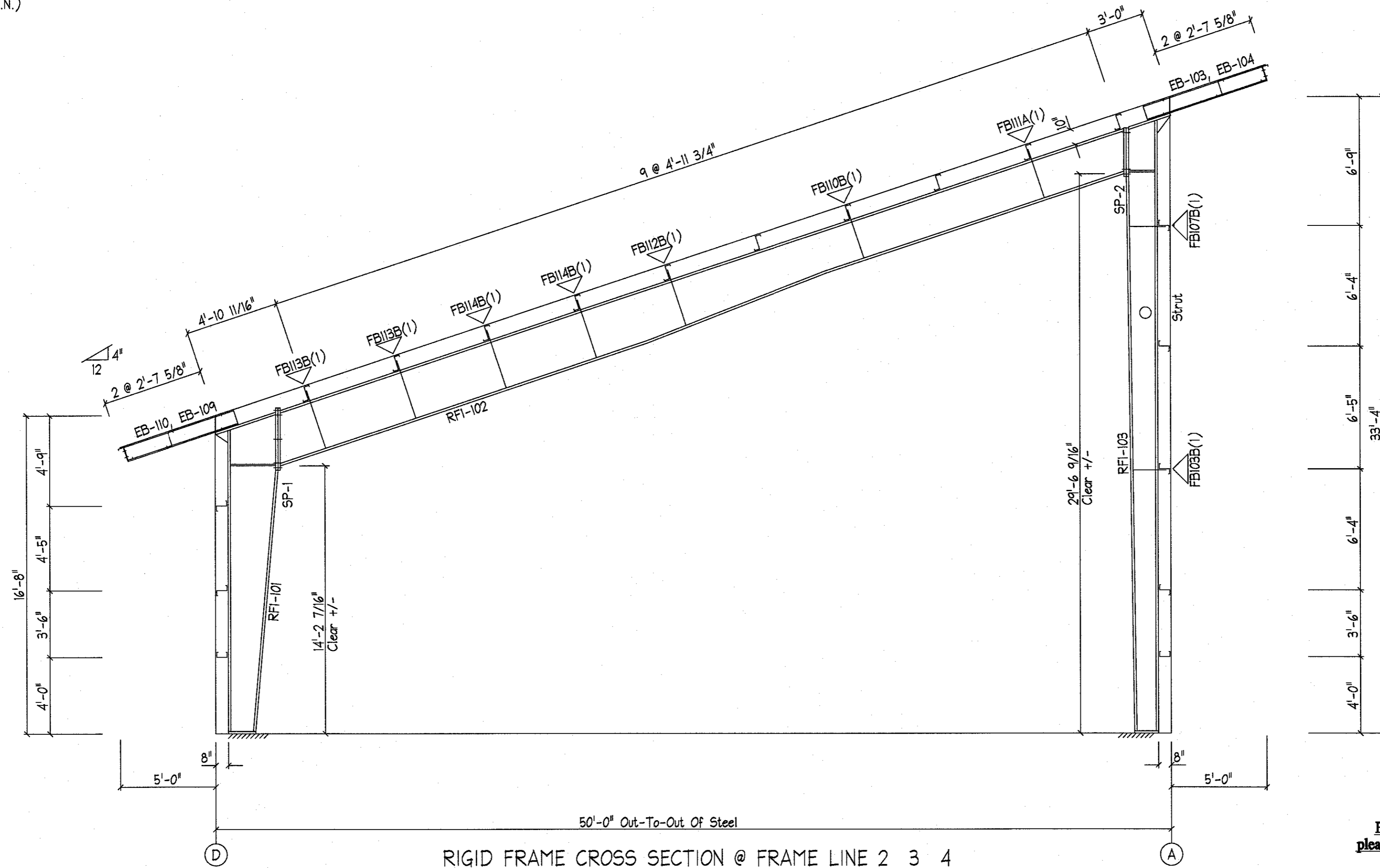
DWG NUMBER: []

| SPLICE PLATE & BOLT TABLE | | | | | | | | | |
|---------------------------|-----|-----|-----|------|------|--------|-------|-------|-----------|
| Mark | Qty | | Int | Type | Dia | Length | Width | Thick | Length |
| | Top | Bot | | | | | | | |
| SP-1 | 4 | 4 | 2 | A325 | 5/8" | 2" | 6" | 1/2" | 3'-5 3/8" |
| SP-2 | 2 | 4 | 0 | A325 | 5/8" | 2" | 6" | 1/2" | 2'-6 5/8" |

| STIFFENER TABLE | | | | |
|-----------------|------------|------------|-------|--------|
| Mark | Stiff Mark | Plate Size | | Length |
| | | Width | Thick | |
| RFI-101 | St-1 | 2 1/2 | 1/4" | 30" |
| RFI-103 | St-1 | 2 1/2 | 1/4" | 18" |

| MEMBER TABLE | | | | | | |
|--------------|-----------|-------|-----------|--------|------------------|------------------|
| Mark | Web Depth | | Web Plate | | Outside Flange | Inside Flange |
| | Start/End | Thick | Thick | Length | W x Thk x Length | W x Thk x Length |
| RFI-101 | 14.0/30.0 | 0.188 | 201.6 | | 6 x 1/4" x 191.5 | 6 x 1/4" x 166.0 |
| | 30.0/30.0 | 0.135 | 124.5 | | 6 x 1/4" x 40.0 | 5 x 1/4" x 244.5 |
| | 30.0/24.0 | 0.135 | 120.0 | | 5 x 1/4" x 562.3 | 5 x 1/4" x 120.1 |
| | 24.0/24.0 | 0.135 | 120.0 | | | 5 x 1/4" x 199.8 |
| RFI-103 | 24.0/24.0 | 0.188 | 87.9 | | | |
| | 18.0/18.0 | 0.188 | 36.3 | | 5 x 1/4" x 27.3 | 6 x 1/4" x 349.8 |
| | 18.0/13.9 | 0.135 | 240.0 | | 6 x 1/4" x 386.1 | |
| | 13.9/12.0 | 0.135 | 109.7 | | | |

▽ FLANGE BRACES: Both Sides(U.N.)
 FBxxB(1)
 B - L2x2x125
 A - L1.25

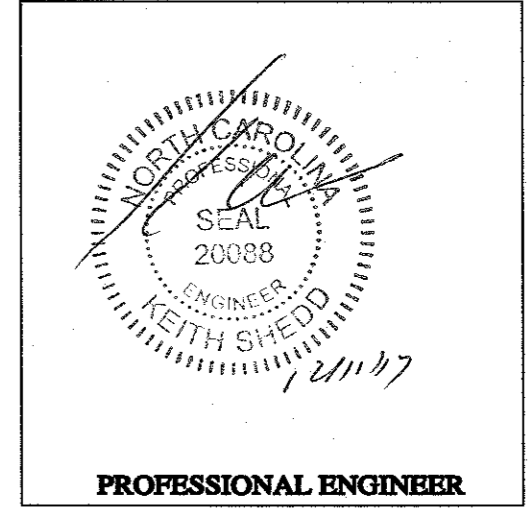


RIGID FRAME CROSS SECTION @ FRAME LINE 2 3 4
 INTERIOR FRAME

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JEFF RIPPEE
BILL BROOKS

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| RELEASE HISTORY | | | | |
|-----------------|----|--------|------|-----|
| DATE | BY | REASON | MARK | NO. |
| 12-6-17 | | | | 1 |
| 12-8-17 | | | | 2 |
| | | | | 3 |
| | | | | 4 |
| | | | | 5 |

CUSTOMER: Nichols Building, Inc.
 Fayetteville, NC 28312
 JOB NAME: Casino Party Aces
 Fuquay-Varina, NC 27526

ACI
BUILDING SYSTEMS, LLC
 P.O. BOX 156 - BATESVILLE, MS - 38606
 (662) 583-4574 - (662) 583-1462 (FAX)

| | |
|-------------|-----------|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | GJI |
| JOB NUMBER: | B17-8652 |
| DWG NUMBER: | EP7 of 11 |

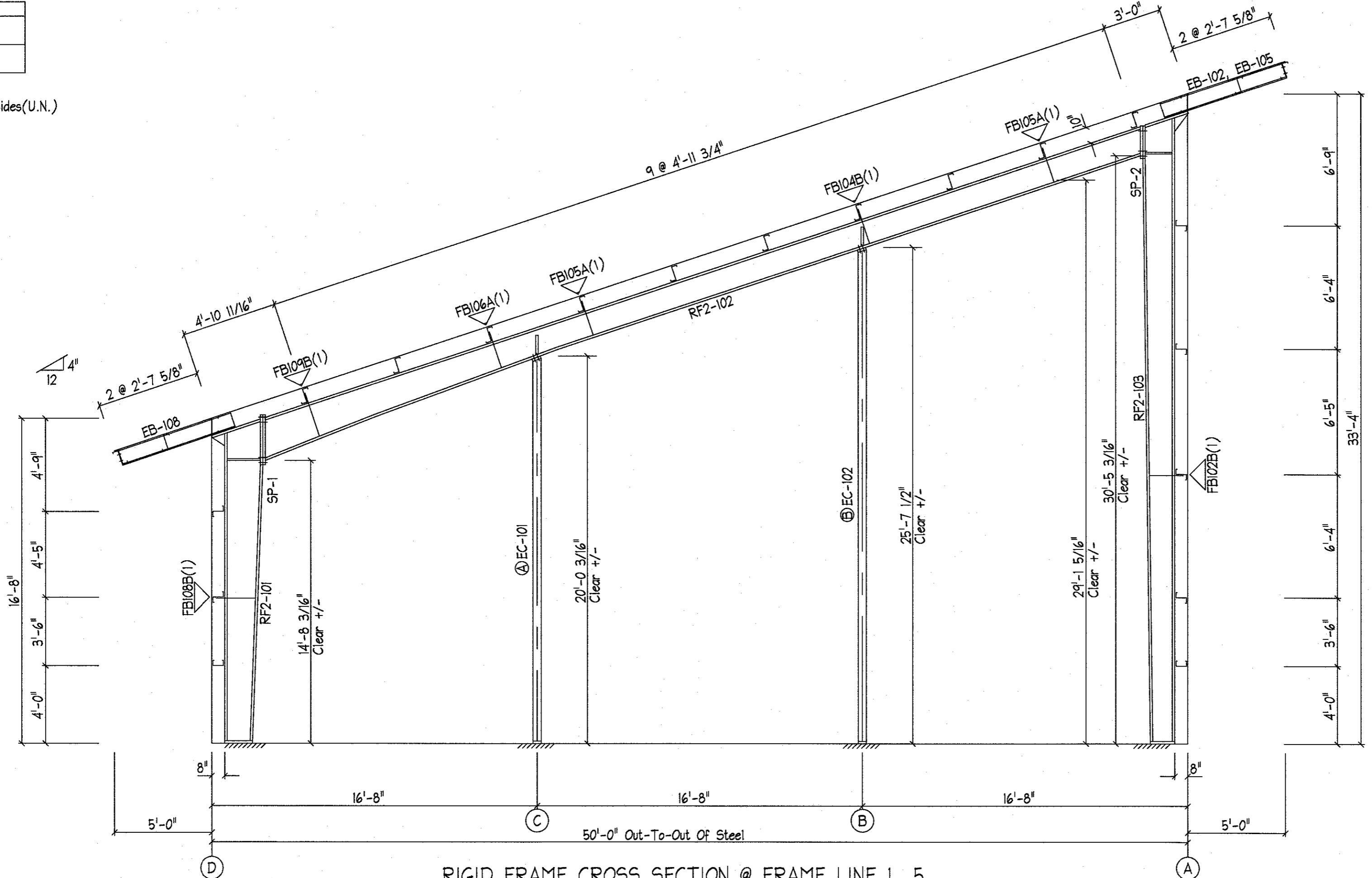
| SPLICE PLATE # BOLT TABLE | | | | | | | | | | CAP PLATE BOLTS | | | | | |
|---------------------------|-----|-----|-----|-----|------|------|--------|-------|-------|-----------------|--------|-----|------|------|--------|
| Mark | Qty | Top | Bot | Int | Type | Dia | Length | Width | Thick | Length | Mark | Qty | Type | Dia | Length |
| SP-1 | 4 | 4 | 0 | | A325 | 5/8" | 2" | 5" | 1/2" | 2'-9" | EC-101 | 4 | A325 | 5/8" | 1 3/4" |
| SP-2 | 2 | 4 | 0 | | A325 | 5/8" | 1 3/4" | 5" | 3/8" | 1'-8" | EC-102 | 4 | A325 | 5/8" | 1 1/2" |

| STIFFENER TABLE | | | | |
|-----------------|------------|-------|------------|----------|
| Mark | Stiff Mark | Width | Plate Size | Length |
| RF2-101 | St-1 | 2 1/2 | 1/4" | 22" |
| RF2-102 | St-1 | 2 1/2 | 1/4" | 15 1/16" |
| RF2-102 | St-2 | 2 1/2 | 1/4" | 14 5/8" |
| RF2-103 | St-1 | 2 1/2 | 1/4" | 18" |

| ALTERNATE MEMBERS | | |
|-------------------|-----|--------|
| Frame Line | OID | Mark |
| 5 | A | EC-104 |
| | B | EC-103 |

| MEMBER TABLE | | | | | | | |
|--------------|-----------|-------|-----------|--------|------------------|-------------------|---------------|
| Mark | Web Depth | | Web Plate | | Outside Flange | | Inside Flange |
| | Start/End | Thick | Thick | Length | W x Thk x Length | W x Thk x Length | |
| RF2-101 | 14.0/22.0 | 0.135 | 171.0 | | 5 x 1/4" x 191.5 | 5 x 5/16" x 171.1 | |
| | 22.0/22.0 | 0.188 | 27.9 | | 5 x 1/4" x 31.5 | | |
| | 22.0/18.0 | 0.135 | 73.2 | | 5 x 1/4" x 571.0 | 5 x 1/4" x 73.3 | |
| | 18.0/14.0 | 0.135 | 120.0 | | | 5 x 1/4" x 104.5 | |
| RF2-102 | 14.0/14.0 | 0.135 | 145.2 | | | 5 x 1/4" x 10.6 | |
| | 14.0/14.0 | 0.135 | 240.0 | | | 5 x 1/4" x 380.4 | |
| | 18.0/14.4 | 0.135 | 240.0 | | 5 x 1/4" x 27.3 | 5 x 1/4" x 360.4 | |
| | 14.4/12.0 | 0.135 | 146.1 | | | | |
| EC-101 | W8x15 | | | | | | |
| EC-102 | W8x15 | | | | | | |

▽ FLANGE BRACES: Both Sides(U.N.)
 FBxxB(1)
 B - L2x2x125
 A - L1.25

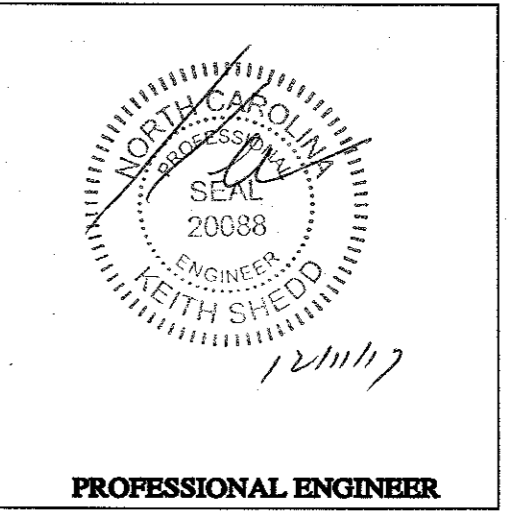


RIGID FRAME CROSS SECTION @ FRAME LINE 1 5
 END FRAME NON-EXPANDABLE

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JEFF RIPPEE
BILL BROOKS

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| RELEASE HISTORY | | | | | | |
|-----------------|---------|----|--------|---|---|---|
| # | DATE | BY | REASON | 1 | 2 | 3 |
| 1 | 12-6-17 | | | | | |
| 2 | 12-8-17 | | | | | |

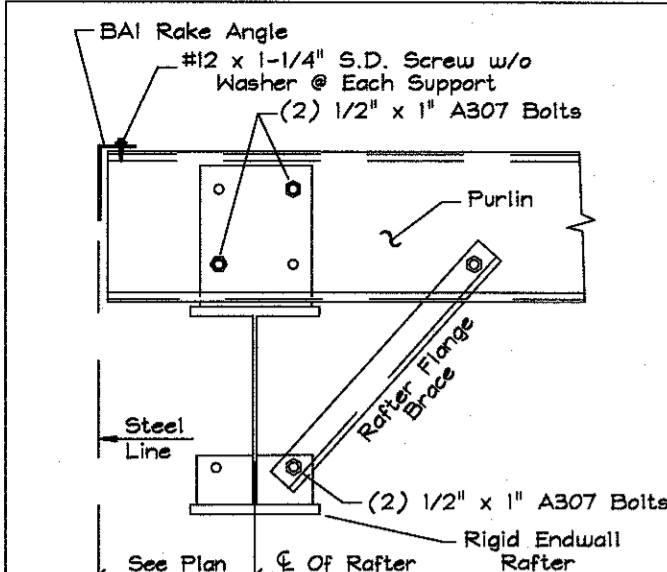
CUSTOMER: Nichols Building, Inc.
 Fayetteville, NC 28312
 JOB NAME: Casino Party Aces
 Fuquay-Varina, NC 27526

ACI
BUILDING SYSTEMS, LLC
 P.O. BOX 186 - BATESVILLE, MS - 38606
 (662) 563-5774 - (662) 563-1142 (FAX)

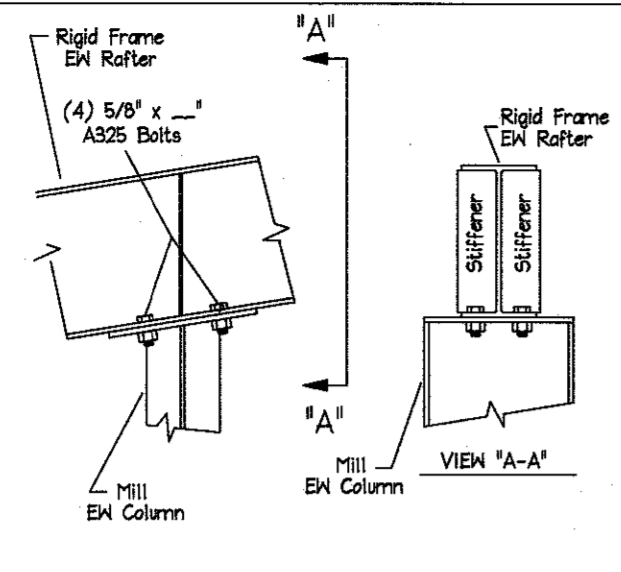
| | |
|---------|-----|
| ENG BY: | JIM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | GTY |

JOB NUMBER:
B17-8652

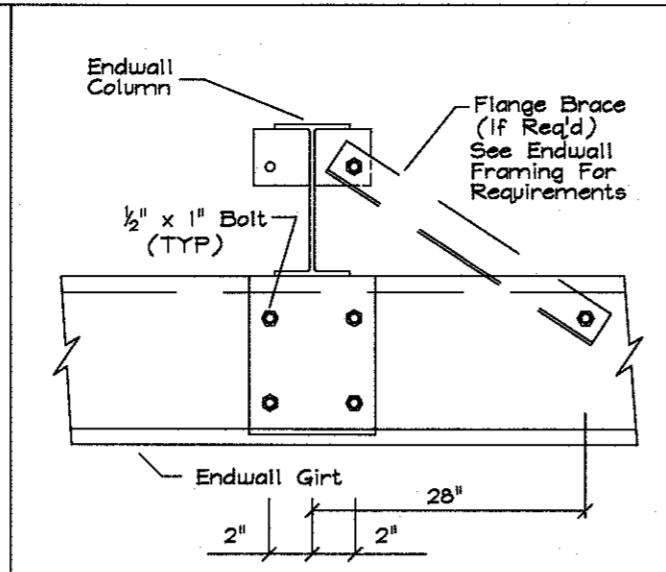
DWG NUMBER: **EP8**



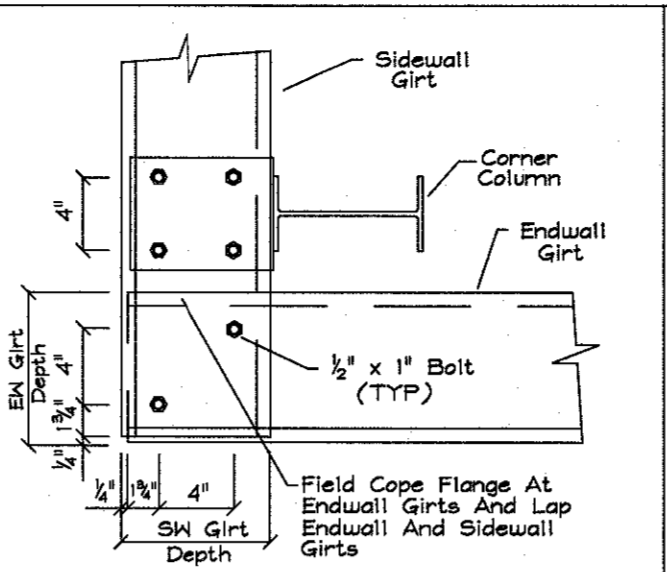
A9 Rigid Frame Rafter w/ Flg Brace
1/2 Load or Full Load R/F



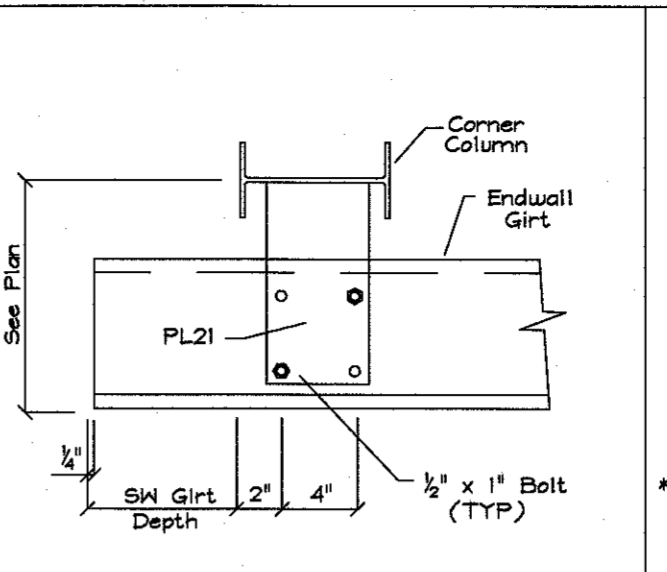
B20 Mill Column under Rigid Frame Rafter
1/2 Load or Full Load Rigid Frame



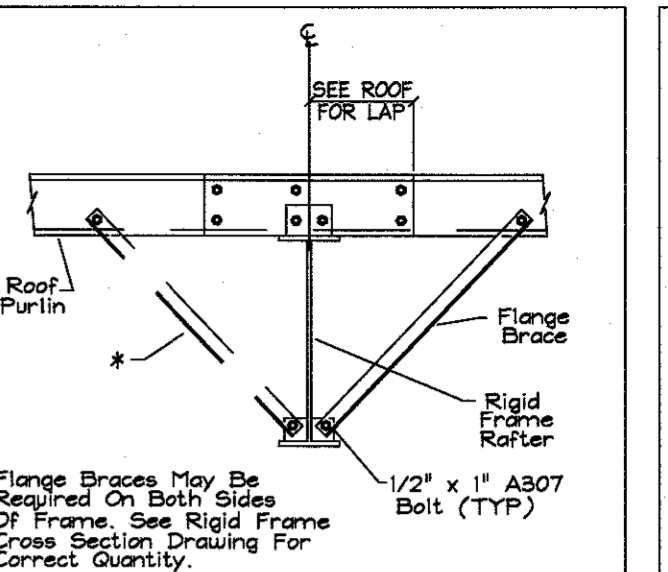
C12 WALL GIRT TO MILL SECTION
ENDWALL COLUMN (BYPASS)



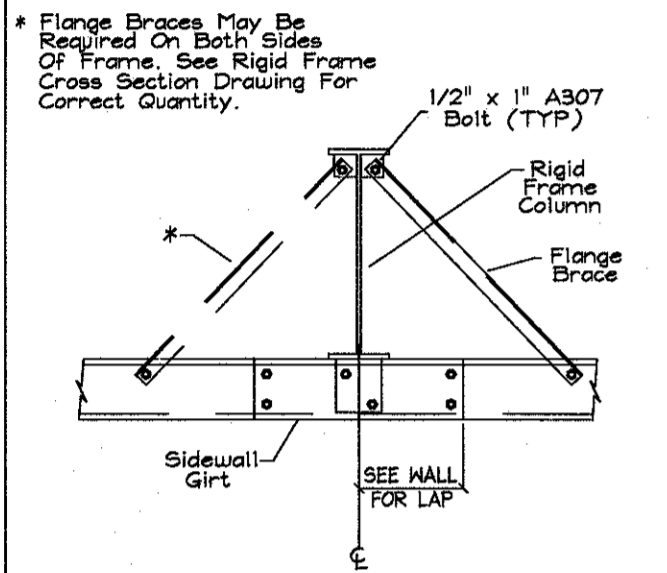
D16 WALL GIRT TO RIGID
CORNER COLUMN



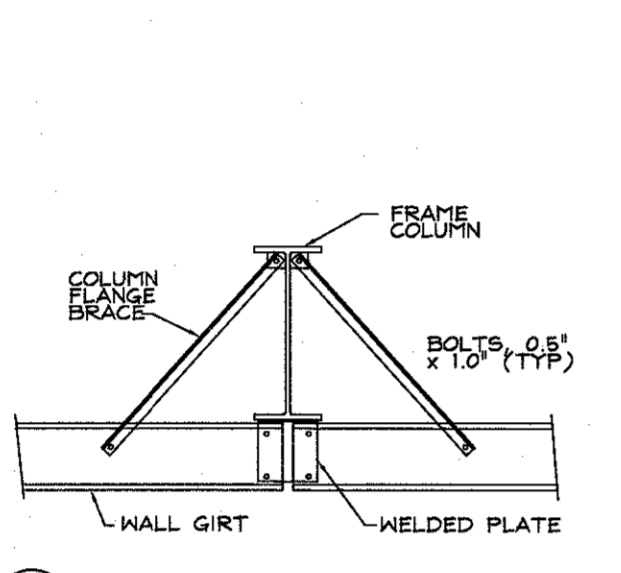
D27 WALL GIRT TO RIGID
CORNER COLUMN



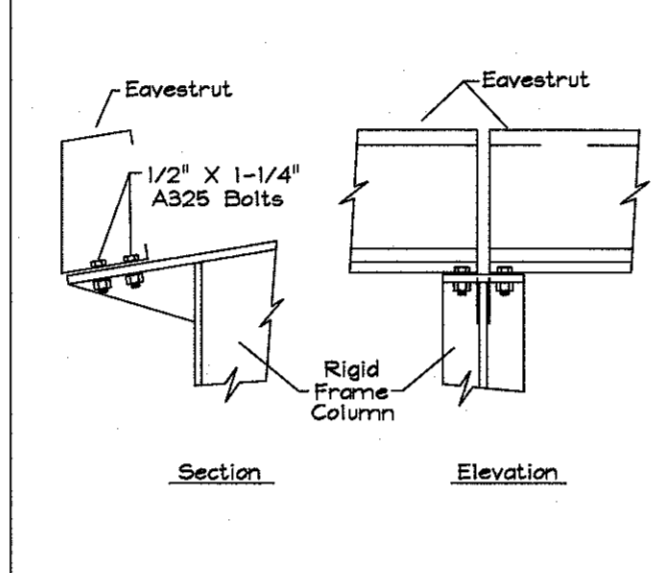
G2 Roof Purlin & Flange Brace Details
Interior Rigid Frame



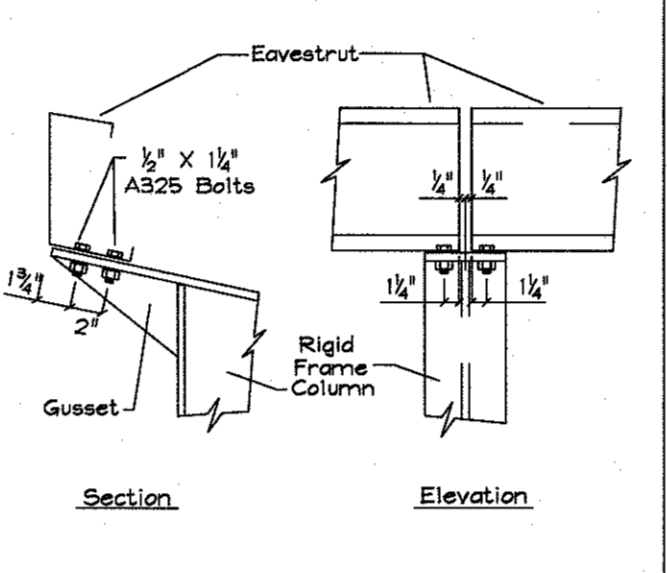
H2 Sidewall Girt to Interior R/F Column
Bypass Condition



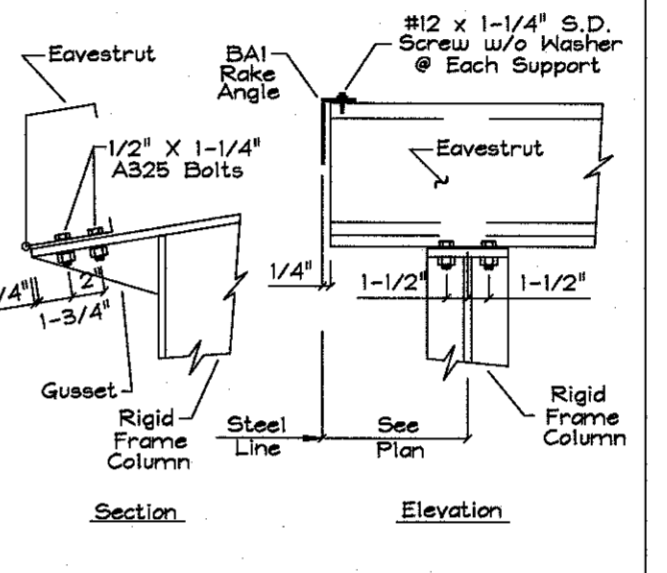
H4 WALL GIRT TO FRAME COLUMN



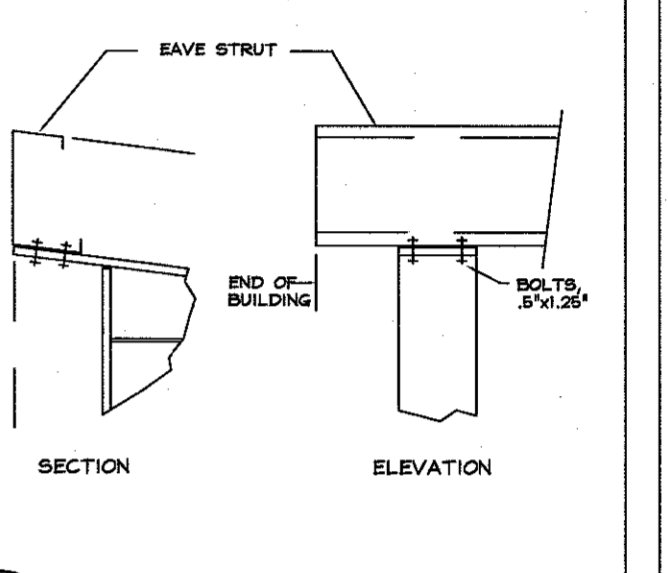
J2 Eavestrut Connection @ Interior R/F Column
Bypass Condition



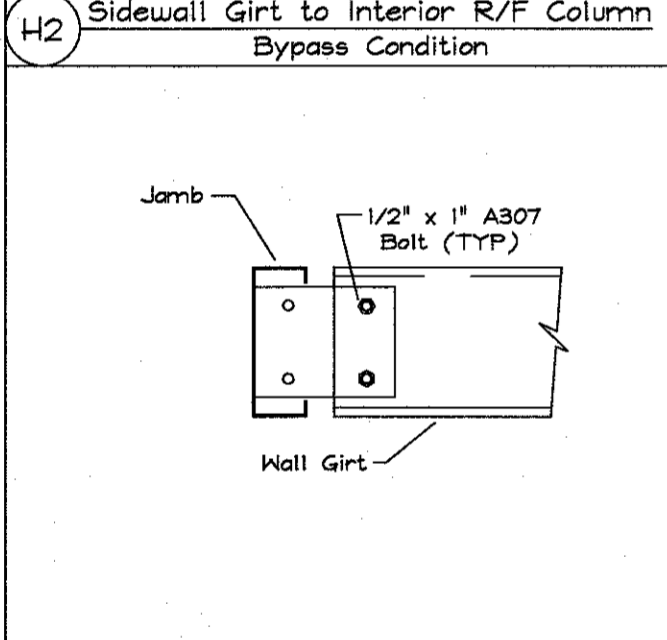
J8 EAVESTRUT TO RIGID FRAME
COLUMN (BY-PASS/HI-SIDE)



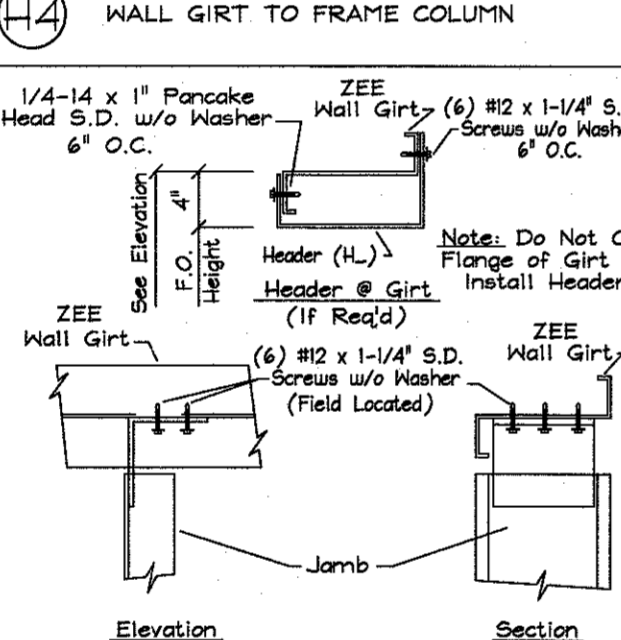
J24 Eavestrut Connection @ EW R/F Column
Bypass Condition



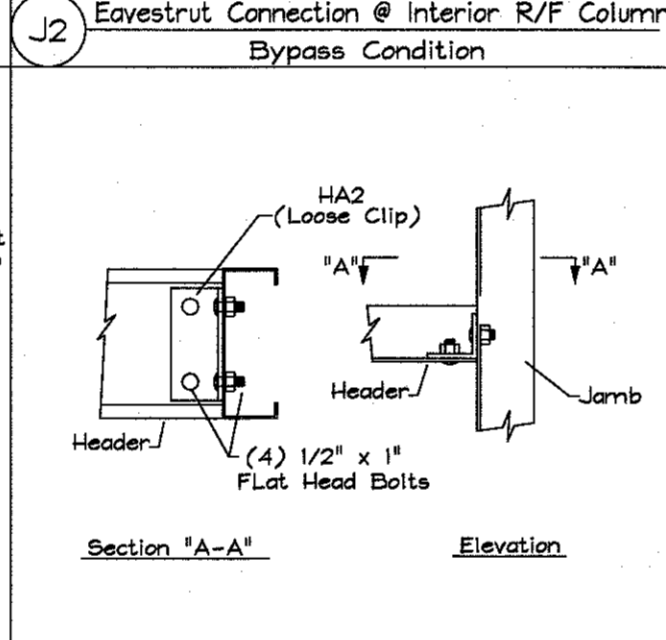
J26 EAVE STRUT TO RIGID FRAME



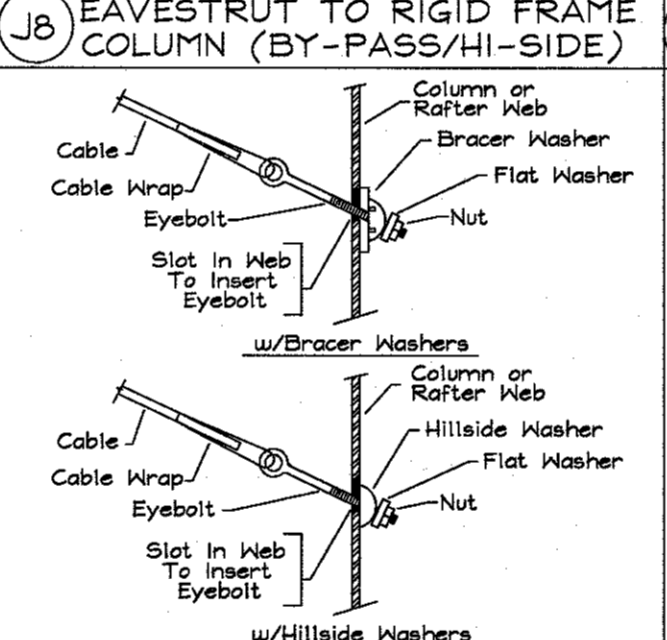
K3 Wall Girt To Jamb



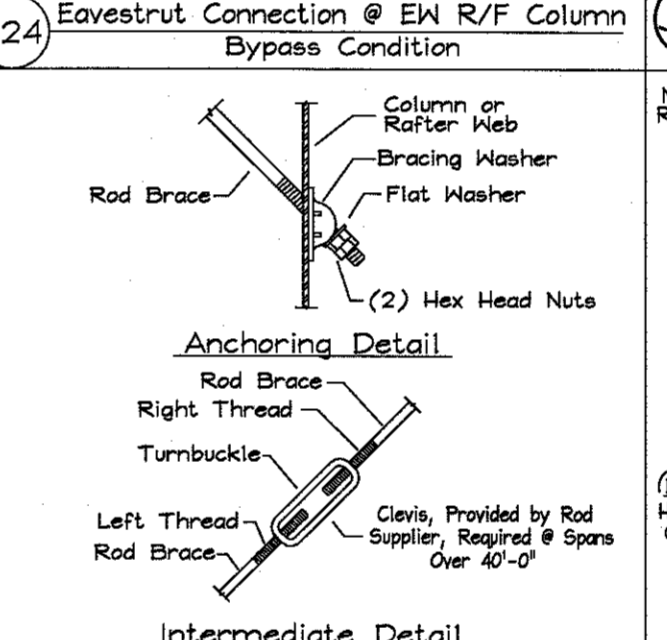
L8 Jamb to ZEE Wall Girt
with Girt Header (If Required)



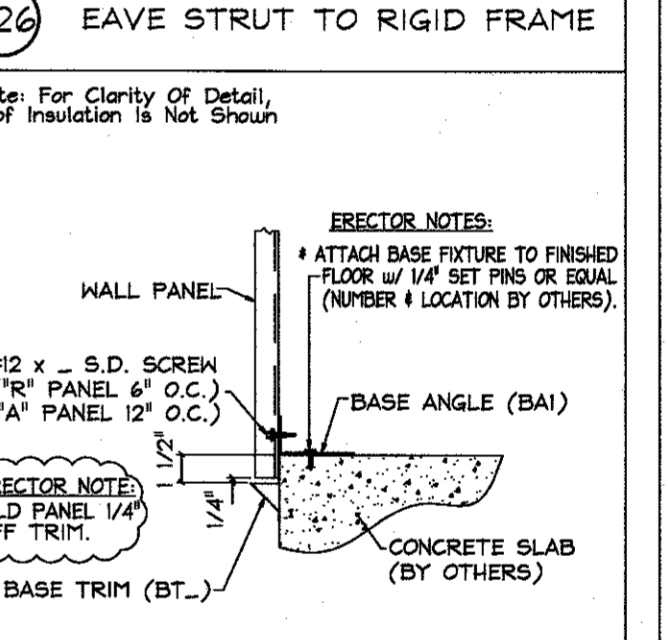
M1 Header to Jamb
Loose HA2 Clips



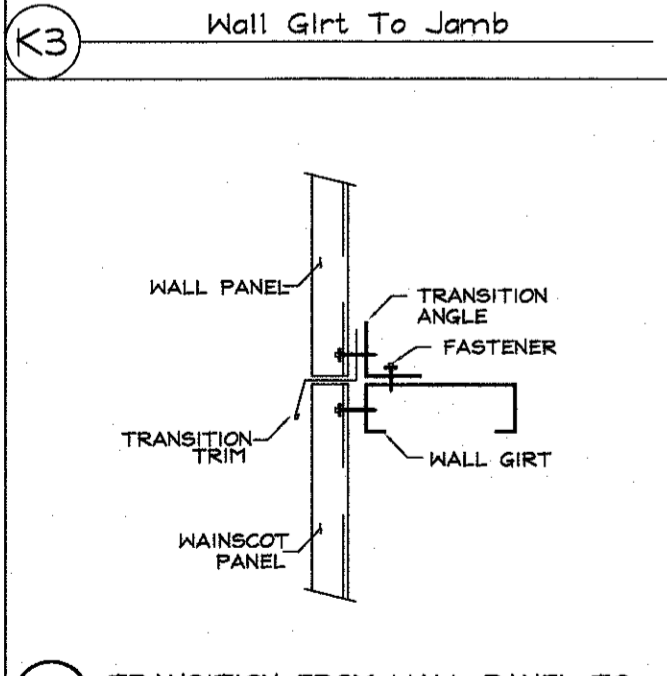
Q2 Cable Brace Detail



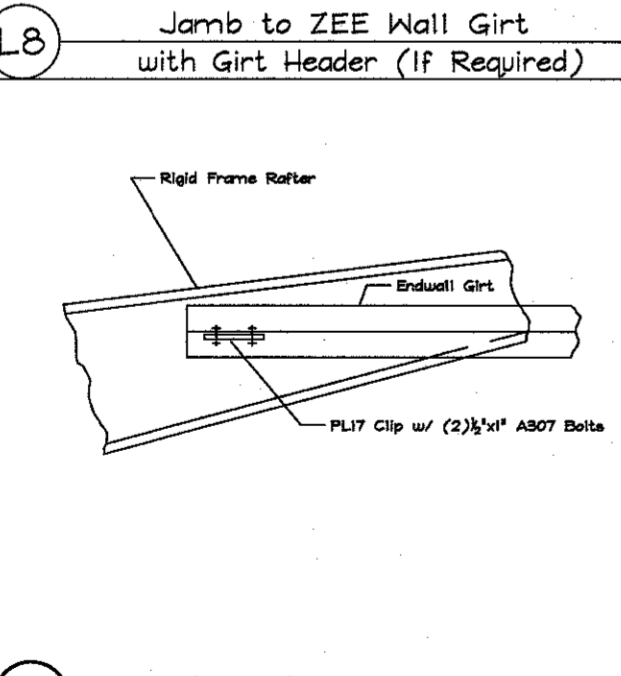
Q3 Rod Brace Detail



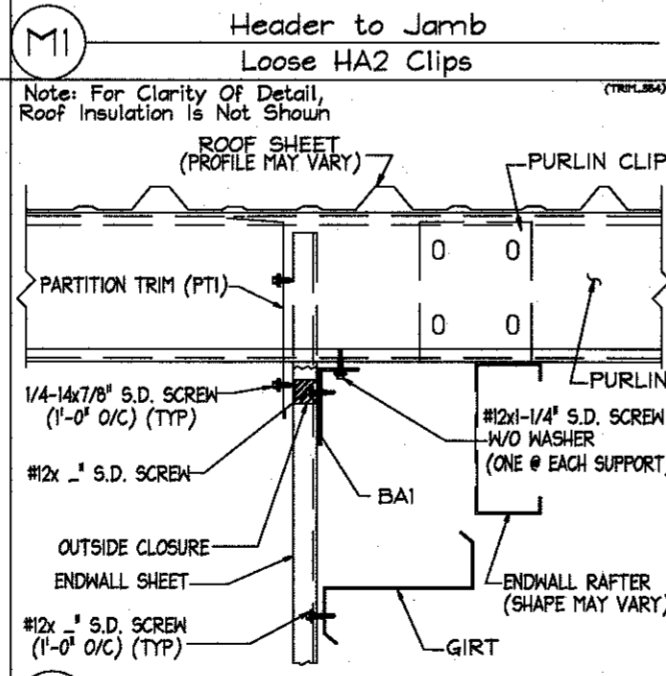
T1 SECTION @ BASE ANGLE
w/o SHEET NOTCH



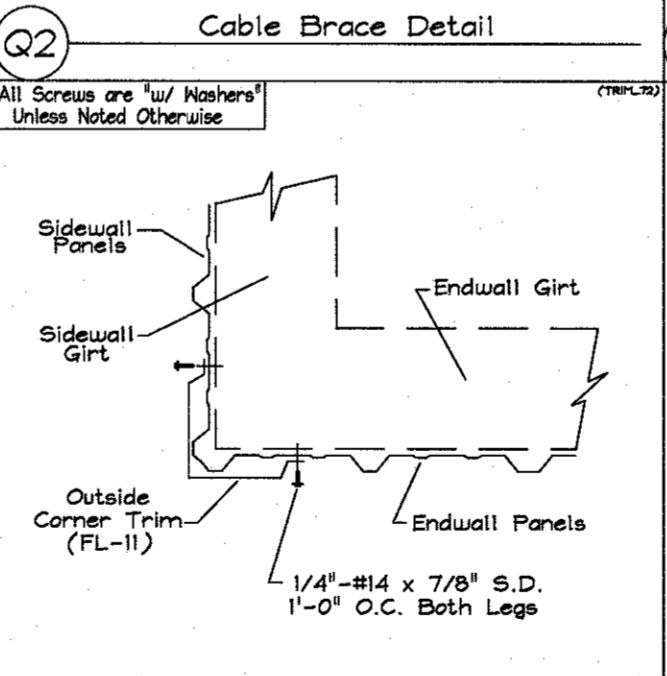
T15 TRANSITION FROM WALL PANEL TO
WAINSCOT WITH PANELS NOT LAPPED



W8 SECTION OF ENDWALL GIRT TO RAFTER



TR7 ENDWALL ROOF EXTENSION W/O SOFFIT
(AT BUILDING LINE)



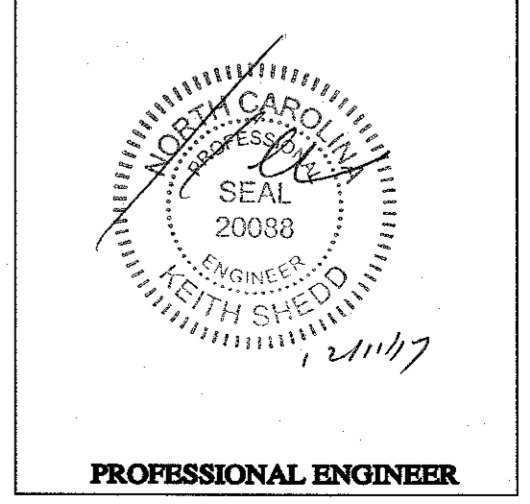
TR7 Detail at Outside Corner Trim
See Framing Details for Steel Members Required

| RELEASE HISTORY | |
|-----------------|---------|
| # | DATE |
| 1 | 12-6-17 |
| 2 | 12-8-17 |
| 3 | |
| 4 | |
| 5 | |

CUSTOMER: Nichols Building, Inc.
Fayetteville, NC 28312
JOB NAME: Casino Party Aces
Fuquay-Varina, NC 27526

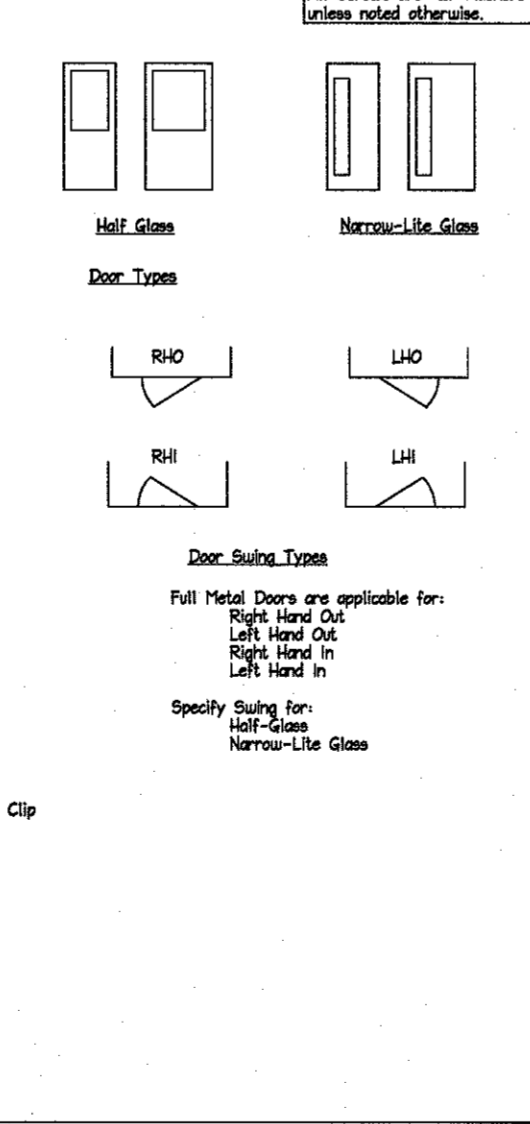
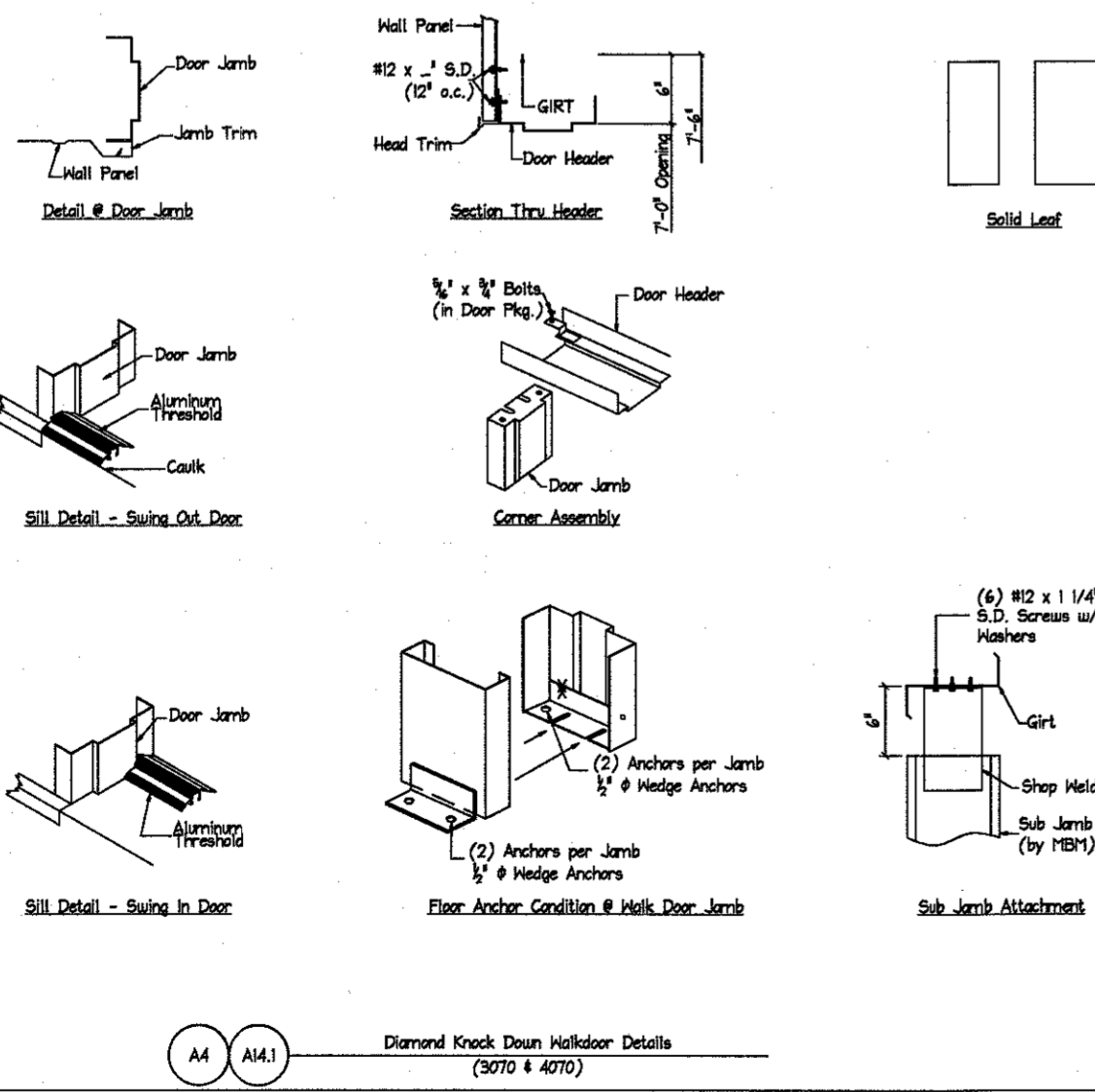
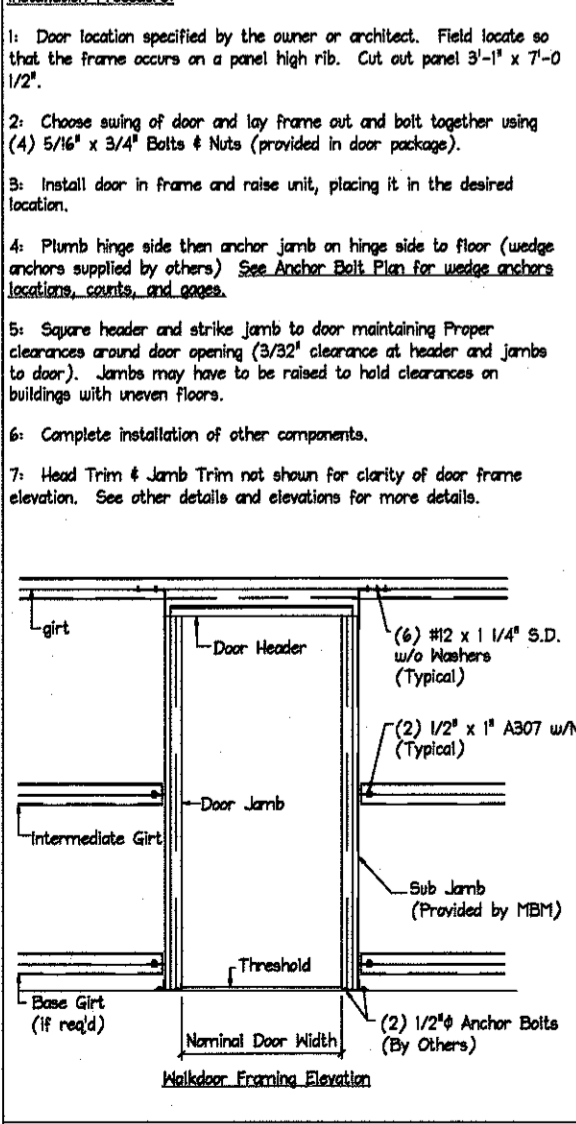
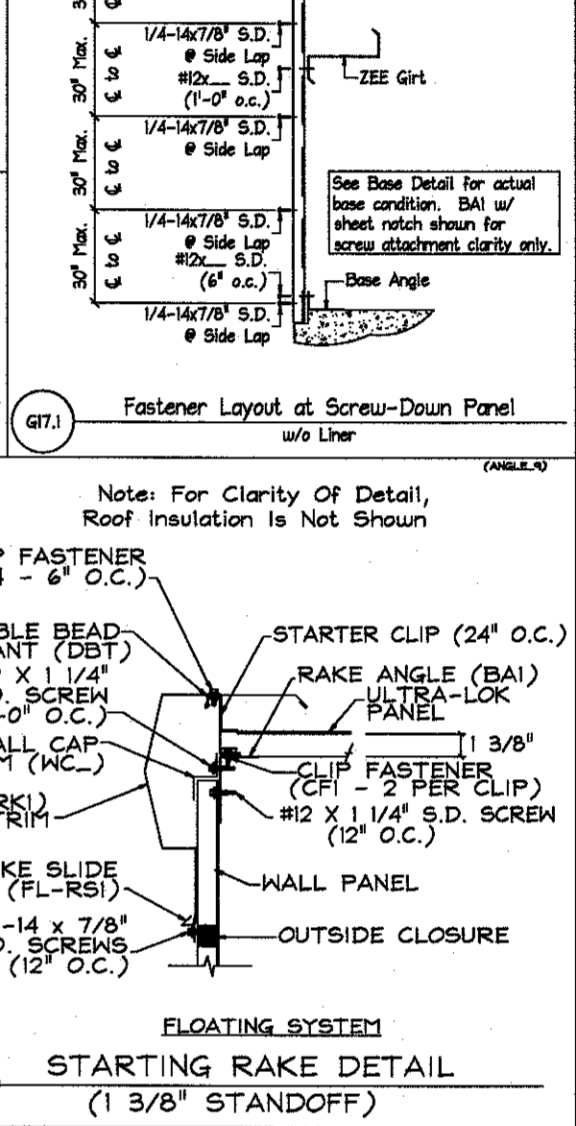
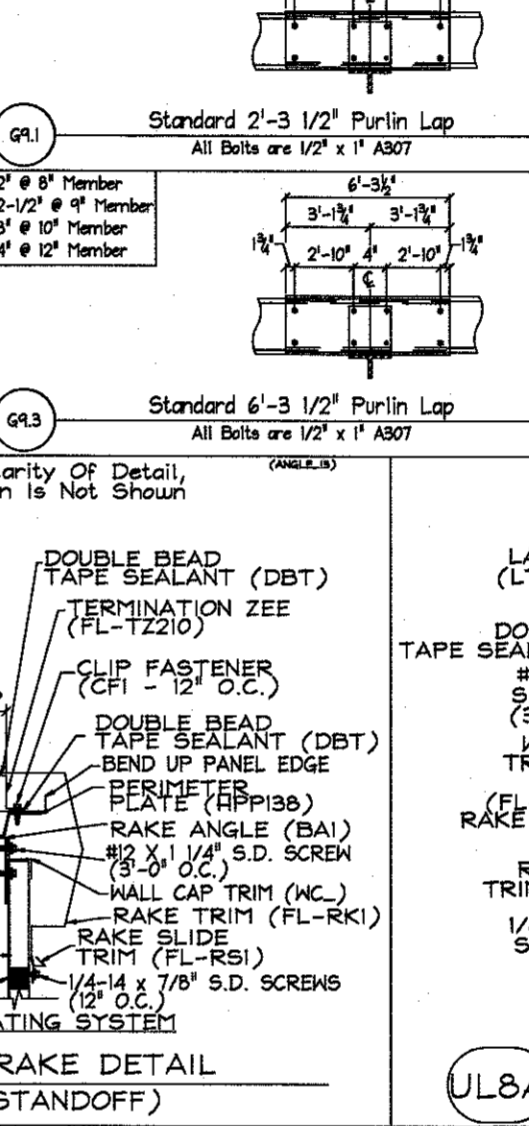
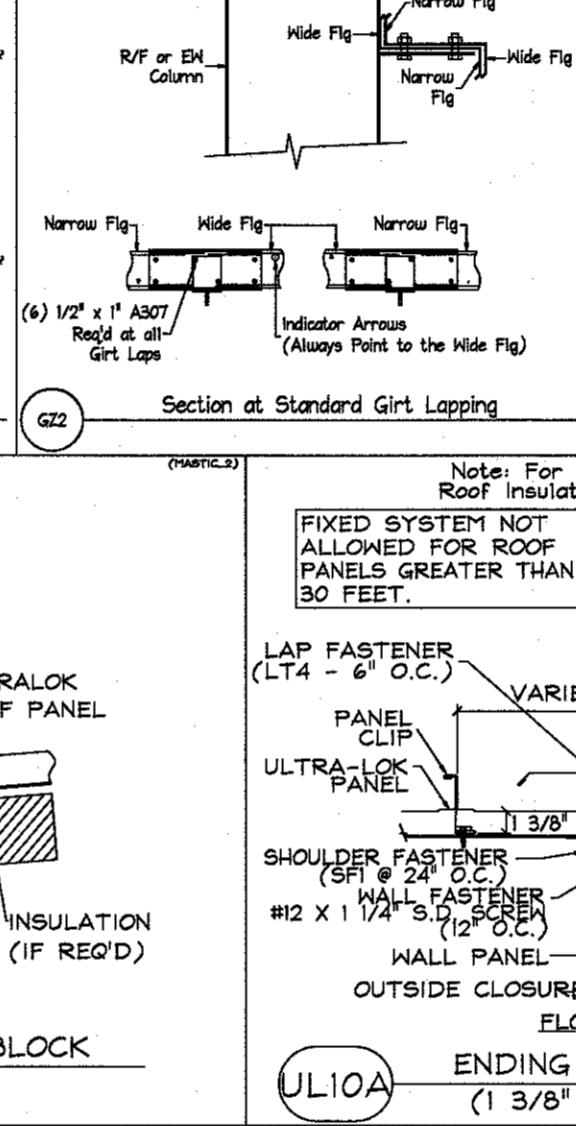
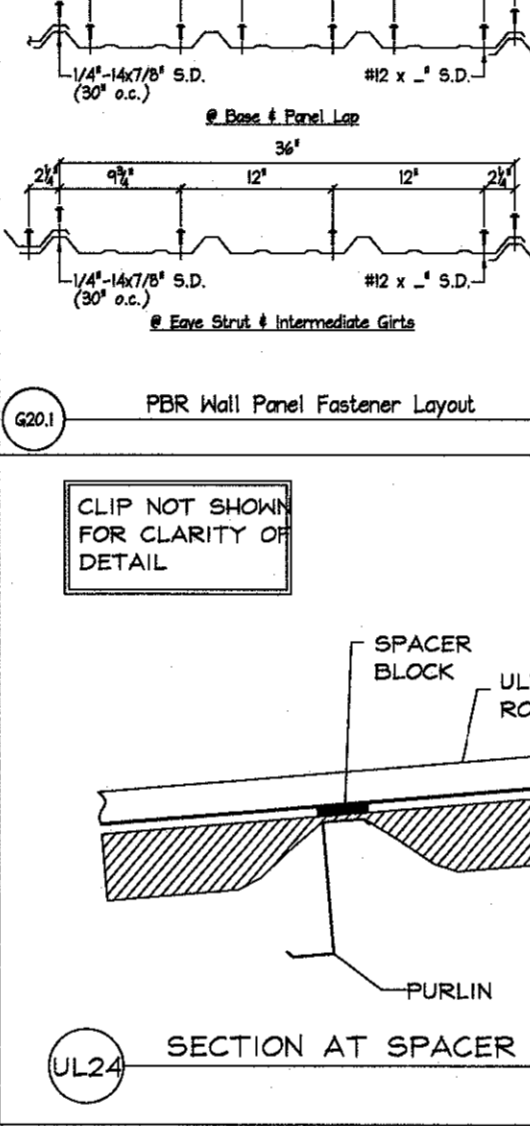
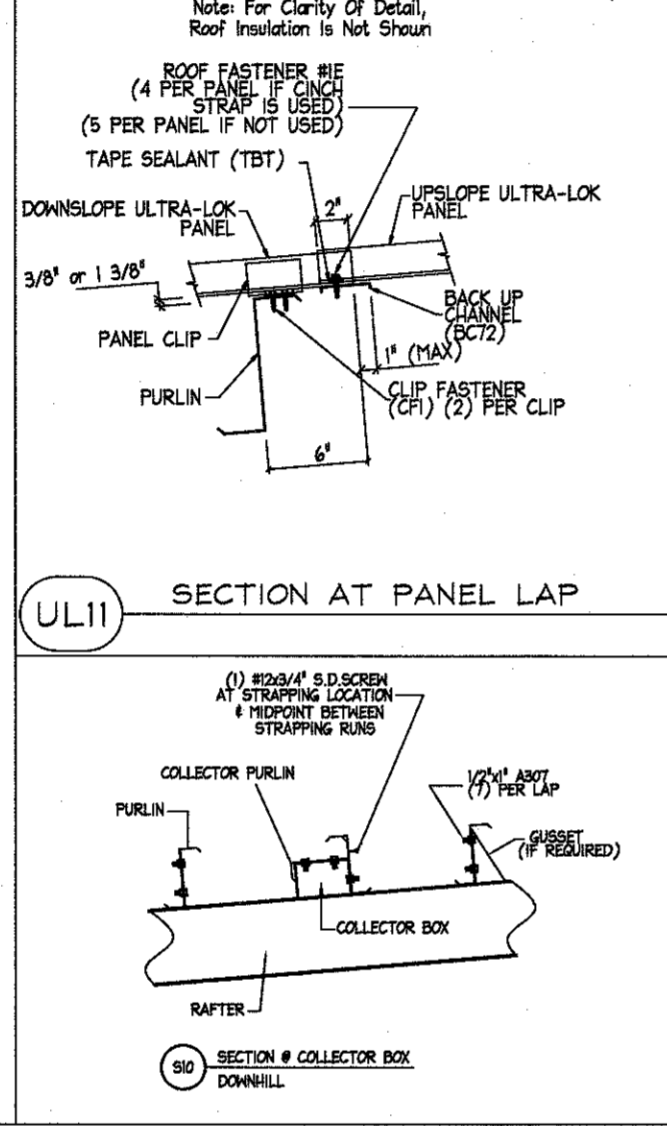
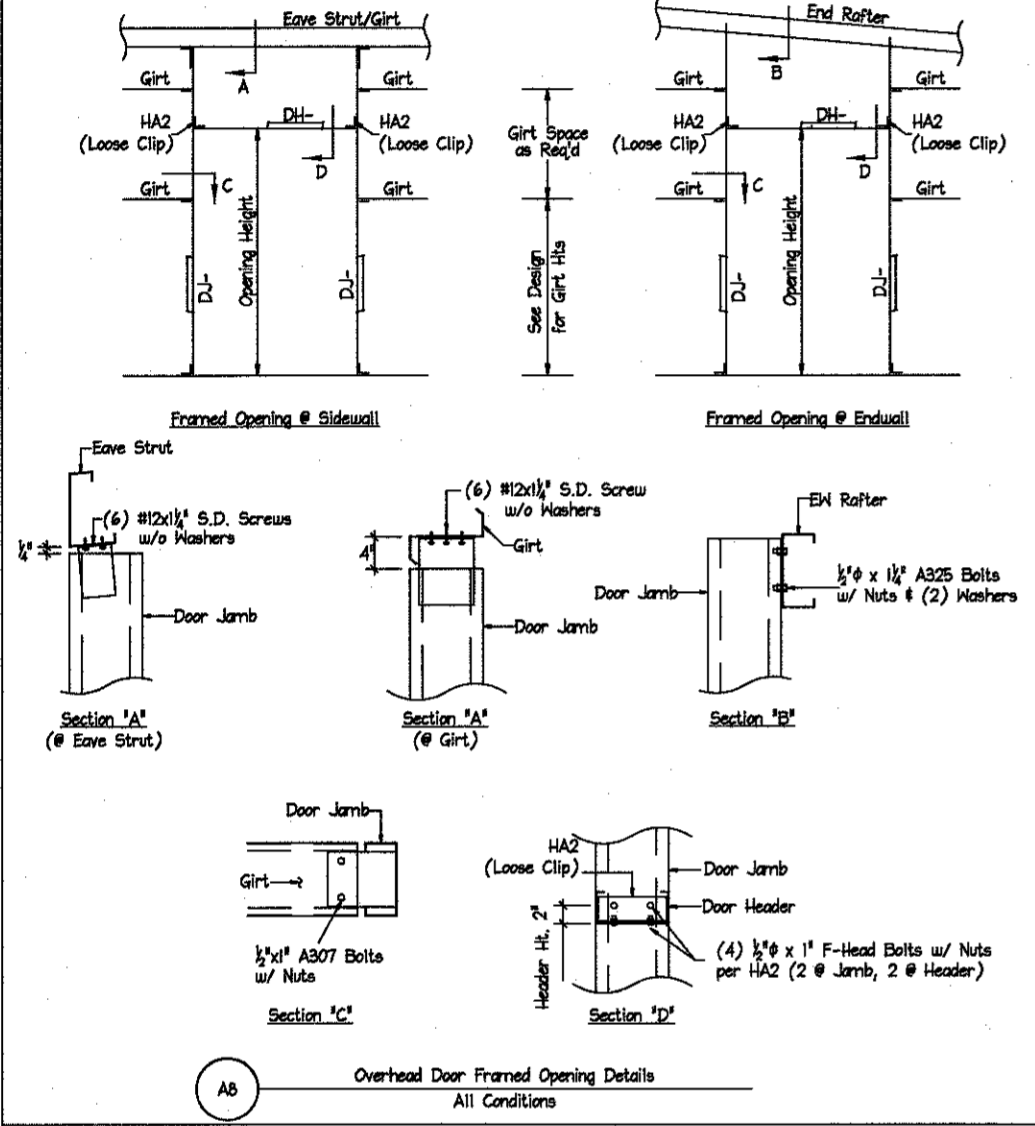
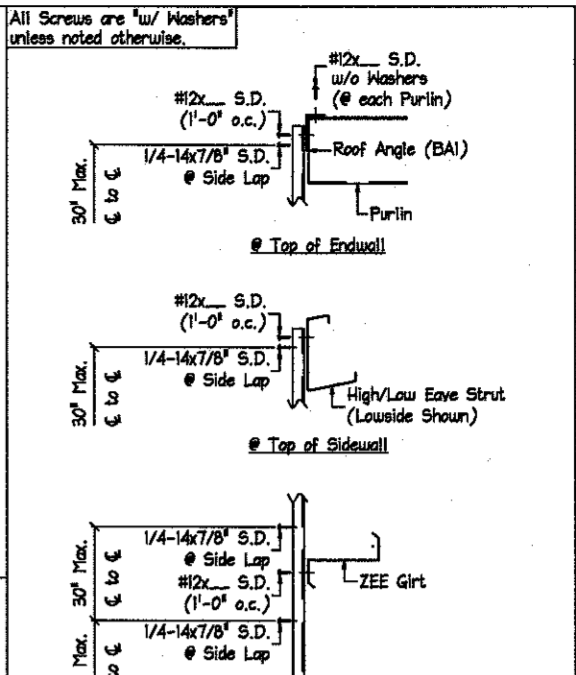
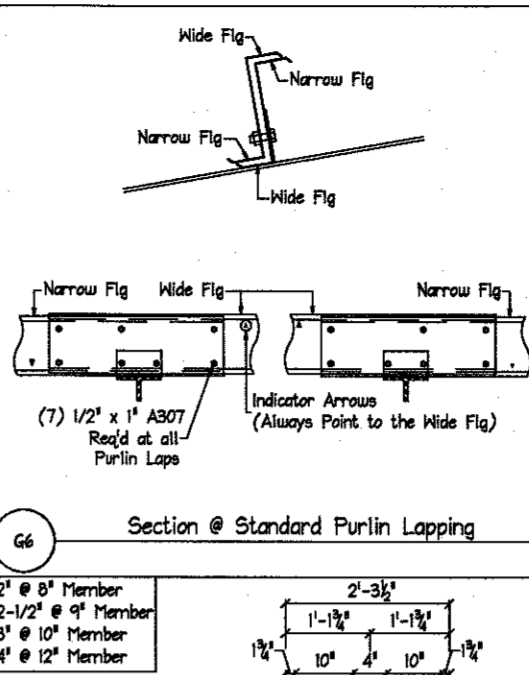
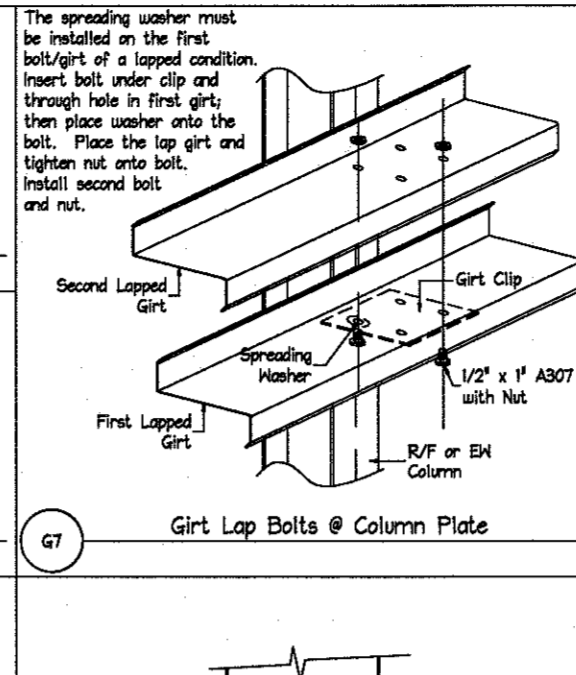
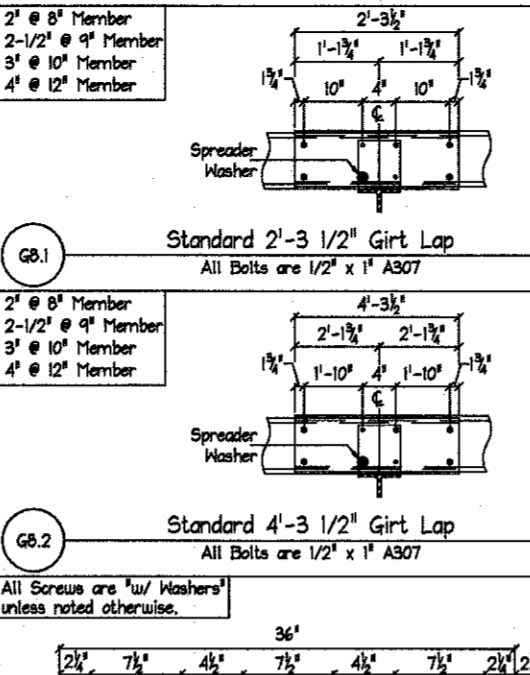
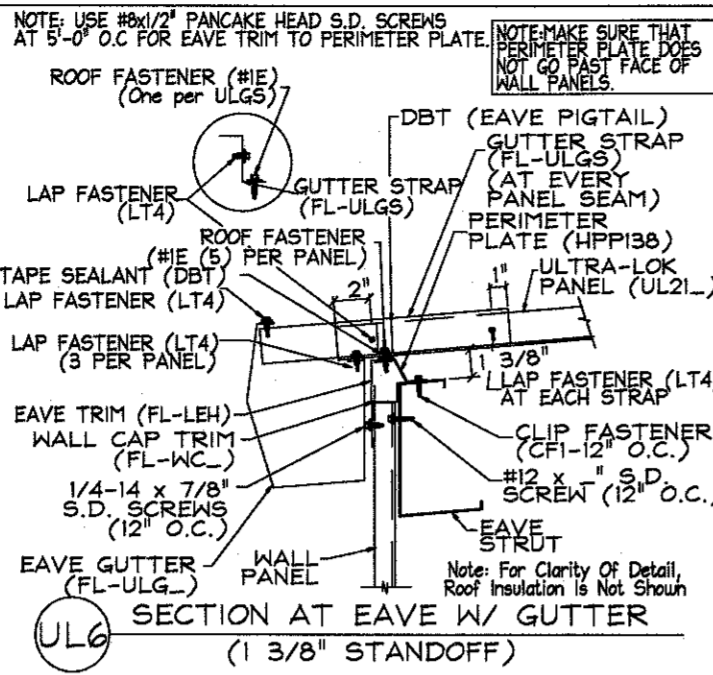
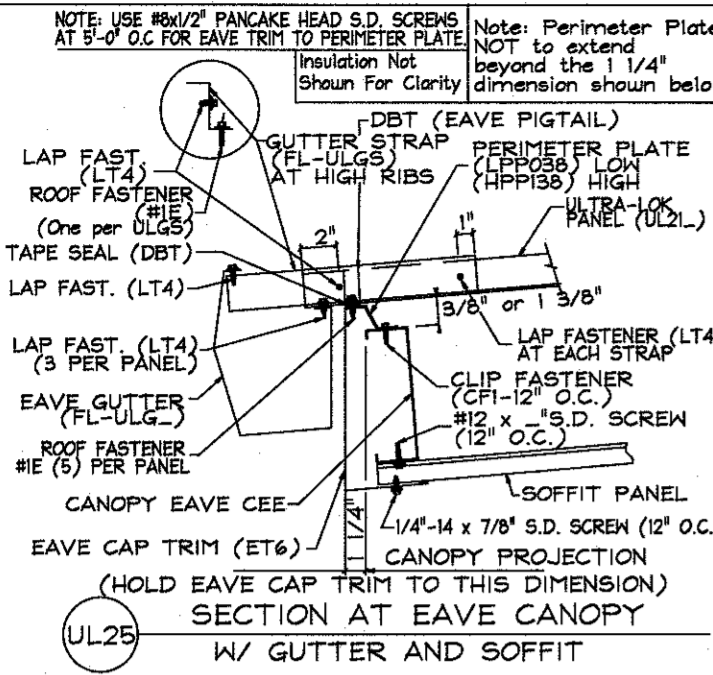
ACI
BUILDING SYSTEMS, LLC
P.O. BOX 1316 - BATESVILLE, MS - 38606
(662) 563-4574 - (662) 563-1142 (FAX)

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| | |
|-------------|----------|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | GTJ |
| JOB NUMBER: | B17-8652 |
| DWG NUMBER: | 11/17 |



| RELEASE HISTORY | |
|-----------------|-----|
| DATE | BY |
| 12-6-17 | JJM |
| 12-8-17 | JTG |
| 12-8-17 | JTG |
| 12-8-17 | GTJ |

CUSTOMER: Nichols Building, Inc.
Fayetteville, NC 28312

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PROFESSIONAL ENGINEER

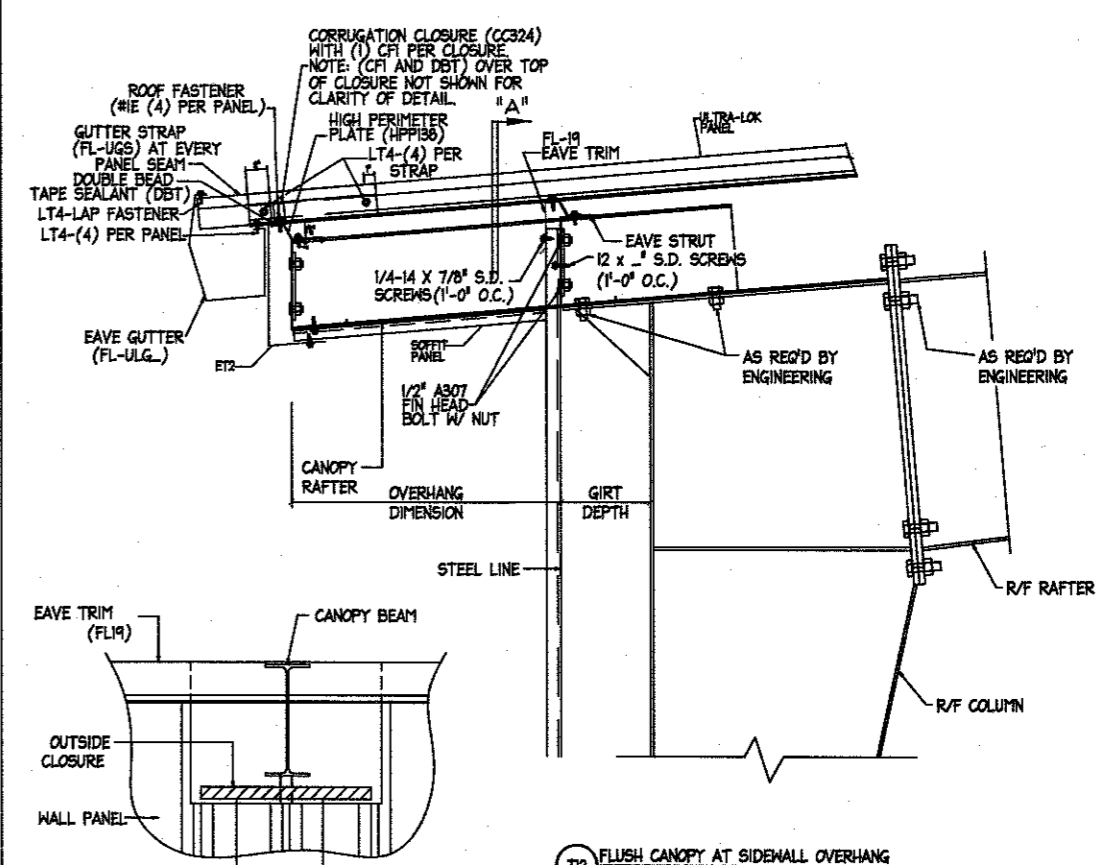
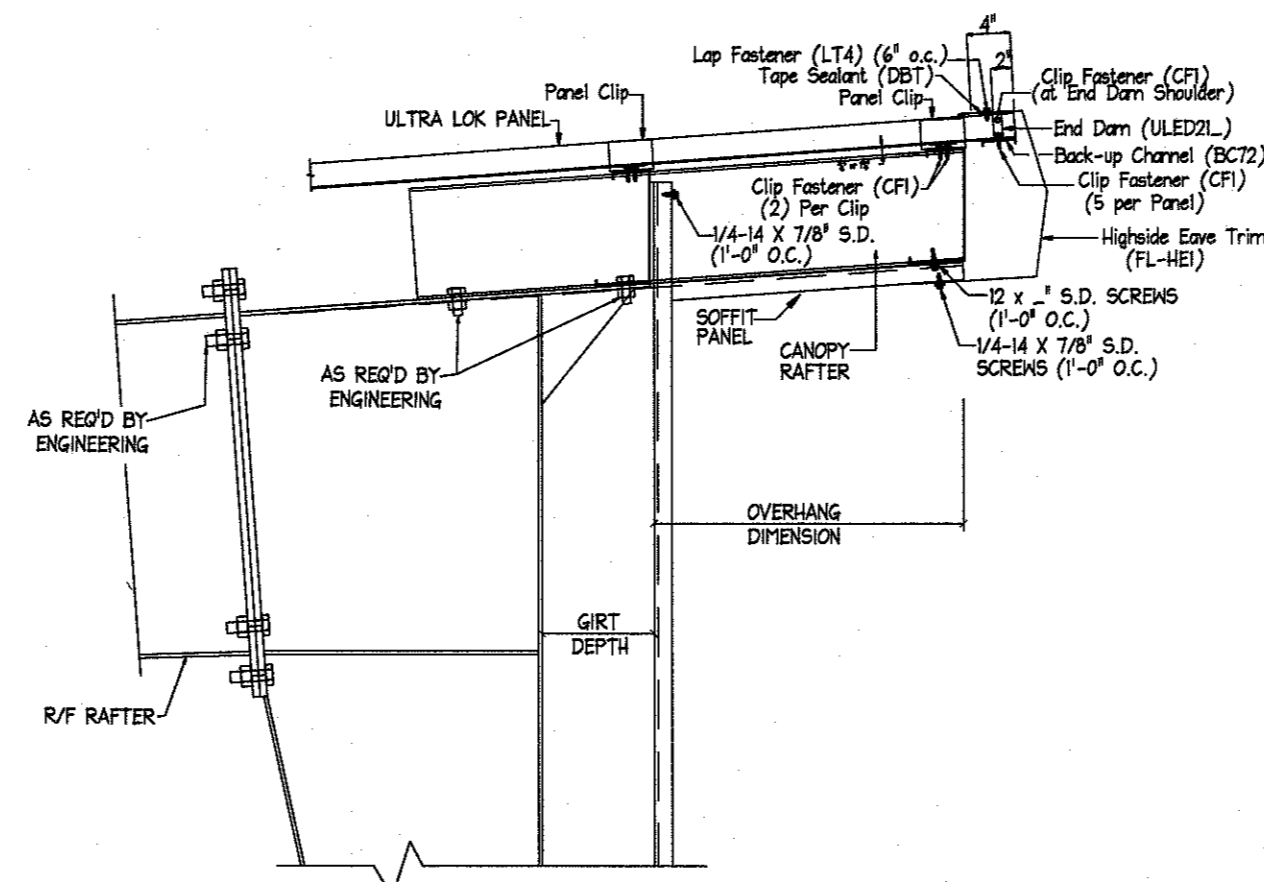
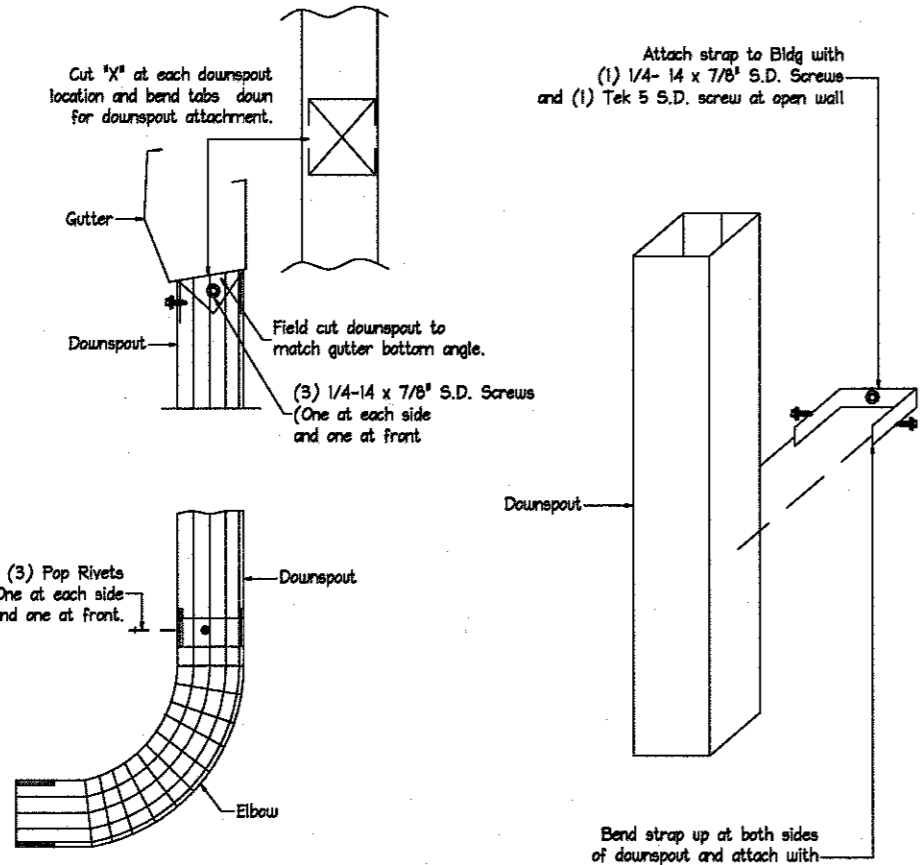
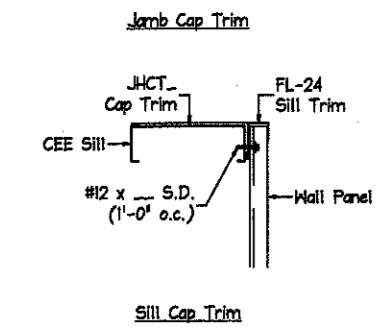
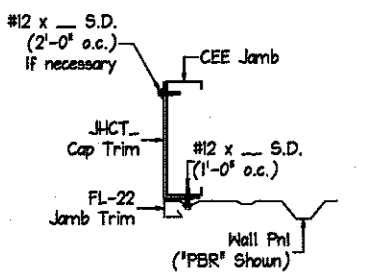
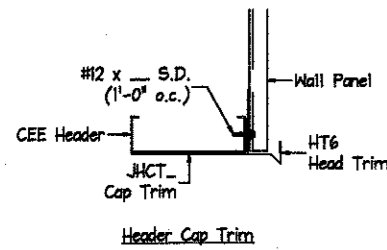
| | |
|---------|-----|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | GTJ |

JOB NUMBER: B17-8652

DWG NUMBER: EP10 of 11

All Screws are #10 Washers unless noted otherwise.

All Screws are #10 Washers unless noted otherwise.



G44 G45 Cap Trim at Framed Opening Header, Jamb, & Sill

G40 Downspout Details

T14 FLUSH CANOPY AT SIDEMALL OVERHANG DETAIL W/SOFFIT & WALL PANELS (BY-PASS SIDEMALL)

T12 FLUSH CANOPY AT SIDEMALL OVERHANG DETAIL W/SOFFIT & WALL PANELS (BY-PASS SIDEMALL)

| RELEASE HISTORY | | | | |
|-----------------|---------|---------------|-----------|------|
| # | DATE | REVISIONS | REVISIONS | MARK |
| 1 | 12-6-17 | CONST. PERMIT | | |
| 2 | 12-8-17 | APPRVL. REV. | | |
| 3 | | CONST. PERMIT | | |
| 4 | | APPRVL. REV. | | |
| 5 | | | | |

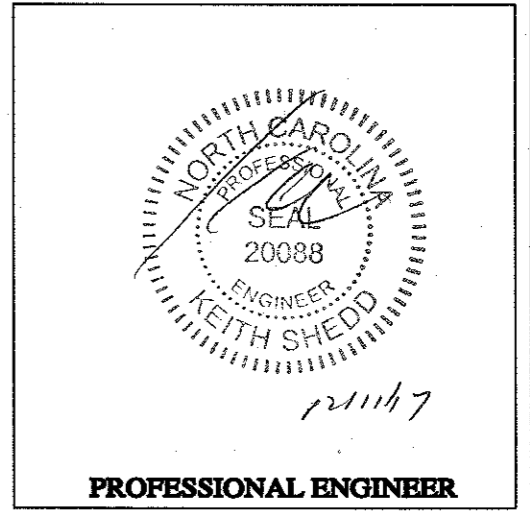
CUSTOMER: Nichols Building, Inc.
 Fayetteville, NC 28312
 JOB NAME: Casino Party Aces
 Fuquay-Varina, NC 27526

ACI
BUILDING SYSTEMS, LLC
 P.O. BOX 1516 - BATESVILLE, MS - 38606
 (662) 583-4574 - (662) 583-1142 (FAX)

For Customer Service issues,
 please contact one of the following:
TODD FISCHER
JEFF RIPPEE
BILL BROOKS

ENGINEERING SEAL

This certification covers parts fabricated and delivered by the manufacturer only and excludes parts such as doors, windows, foundation design and erection of the building. Sealed drawings do not constitute an agreement that the signed engineer is acting as the engineer of record for the overall project.



| | |
|---------|-----|
| ENG BY: | JJM |
| CAD BY: | JTG |
| DET BY: | JTG |
| CKD BY: | GTY |

JOB NUMBER:
B17-8652

DWG NUMBER: **12/11/17**

EP11 of 11