









**SPECIFICATIONS (CONTINUED)**

2. PREPARATION  
a. Hollow Metal Doors and Frames: Comply with ANSI/DH1 A115 Series.  
b. Wood Doors: Comply with ANSI/DH1 A115-W Series.

3. INSTALLATION  
Install each item of mechanical and electromechanical hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.

3. DOOR OPERATING TRIM  
A. Flush Bolts and Surface Bolts: ANSA ABLOY A156.4 and A156.16, Grade 1, certified.  
1. Flush bolts to be furnished with top nut of sufficient length to allow bolt retraction device location approximately six feet from the floor.

4. CYLINDERS AND KEYS  
A. General: Cylindrical door hardware to have minimum (10) years experience designing secured master key systems and have on record a published security keying system policy.

MECHANICAL LOCKS AND LATCHING DEVICES  
A. Cylindrical Locks, Grade 1 Commercial: ANSI/BHMA A156.2, Series 4000, Operational Grade 1 Certified Products Directory (CPD) listed.  
1. Locks are to be non-handed and fully field reversible.

LOCK AND LATCH STRIKES  
A. General: Provide manufacturer's standard strike with strike box for each latch or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, unless otherwise indicated, and as follows:  
1. Flat-Lip Strikes: For locks with three-piece anti-lift-injection lockbolts, as recommended by manufacturer.

CONVENTIONAL EXIT DEVICES  
A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:  
1. All doors not requiring a fire rating, provide devices complying with NFPA 101 and listed and labeled for "panic hardware" according to UL305. Provide proper fasteners as required by manufacturer including six nuts and bolts at openings specified in the Hardware Sets.

DOOR STOPPS AND HOLDERS  
A. General: Door stoppers to be from one manufacturer, matching in design and style, with the same door preparations and templates regardless of application or spring size. Closers to be non-handed with full sized covers.  
1. Standards: Closers to comply with UL-10C or Positive Pressure Fire Test and be U.L. listed for use of fire rated doors.

ARCHITECTURAL TRIM  
A. Door Protective Trim  
General: Door protective trim units to be of type and design as specified below or in the Hardware Sets.

SECTION 08323 - OVERHEAD COILING DOORS  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08324 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08325 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08326 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08327 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08328 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08329 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08330 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08331 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08332 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08333 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08334 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08335 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08336 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08337 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08338 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08339 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08340 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08341 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08342 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08343 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08344 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08345 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08346 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08347 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08348 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08349 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08350 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08351 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08352 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08353 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08354 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08355 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08356 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08357 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08358 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08359 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08360 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08361 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08362 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08363 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08364 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08365 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08366 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

SECTION 08367 - WINDOW GLAZING  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.



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**SECTION 22 - PLUMBING FIXTURES**  
SEE PLUMBING SPECIFICATIONS ON SHEETS

**SECTION 26 - ELECTRICAL**  
SEE ELECTRICAL SPECIFICATIONS ON SHEETS

**SECTION 26 1000 - INTERIOR LIGHTING**  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

**SECTION 26 1000 - INTERIOR LIGHTING**  
1. GENERAL  
A. Section Includes  
1. Product Data  
2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

**SECTION 26 1000 - INTERIOR LIGHTING**  
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2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
3. Samples: Submit two sets in sufficient size, illustrating shading, color, and finish texture.

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2. Shop Drawings: Indicate placement, anchorage methods, hardware locations, and installation details.  
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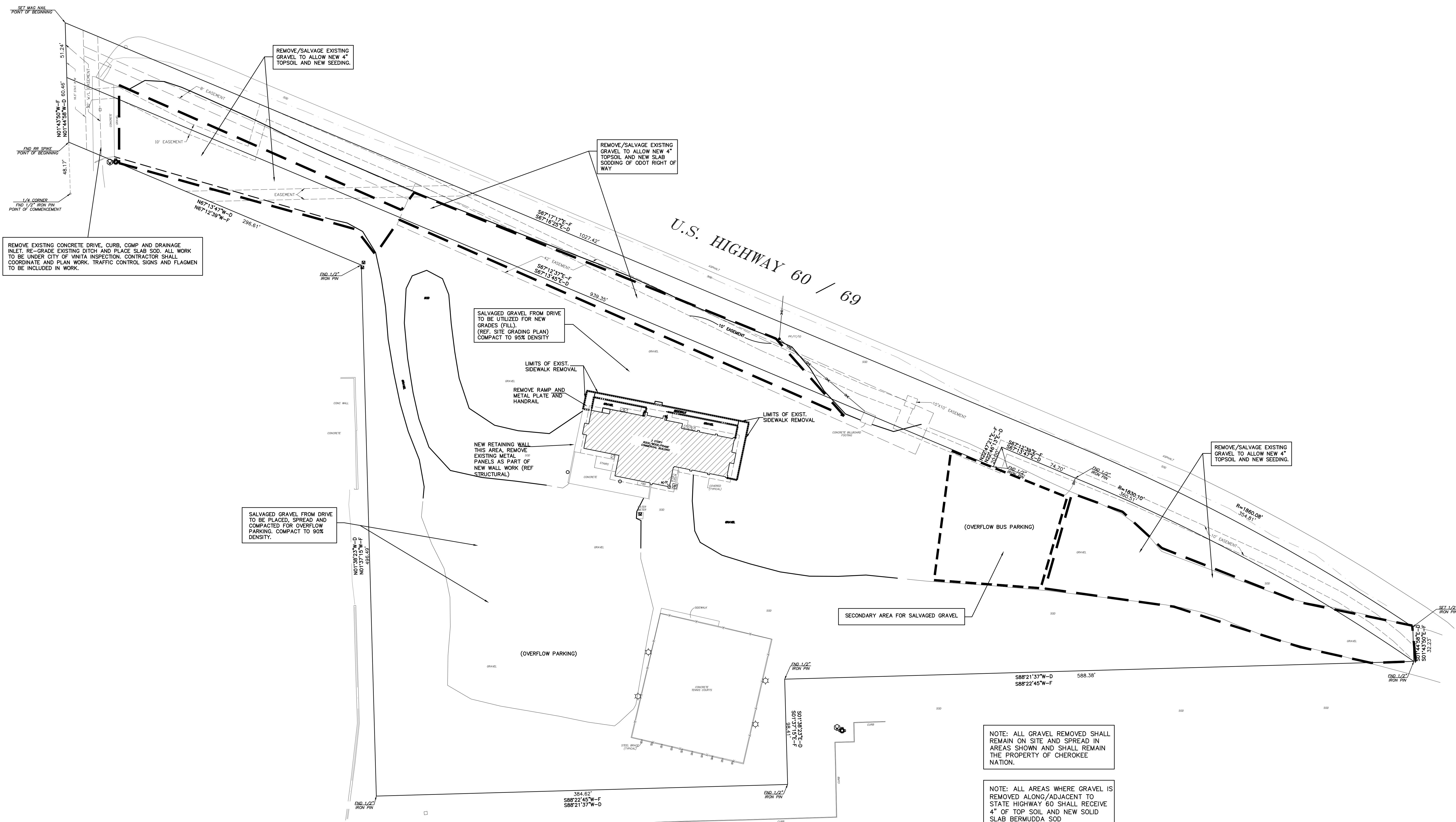
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918-584-0102

VINITA CULTURAL DEVELOPMENT CENTER



REMOVE EXISTING CONCRETE DRIVE, CURB, CMP AND DRAINAGE INLET. RE-GRADE EXISTING DITCH AND PLACE SLAB SOD. ALL WORK TO BE UNDER CITY OF VINITA INSPECTION. CONTRACTOR SHALL COORDINATE AND PLAN WORK. TRAFFIC CONTROL SIGNS AND FLAGMEN TO BE INCLUDED IN WORK.

REMOVE/SALVAGE EXISTING GRAVEL TO ALLOW NEW 4" TOPSOIL AND NEW SEEDING.

REMOVE/SALVAGE EXISTING GRAVEL TO ALLOW NEW 4" TOPSOIL AND NEW SLAB SODDING OF ODOT RIGHT OF WAY

SALVAGED GRAVEL FROM DRIVE TO BE UTILIZED FOR NEW GRADES (FLL). (REF. SITE GRADING PLAN) COMPACT TO 95% DENSITY

LIMITS OF EXIST. SIDEWALK REMOVAL

REMOVE RAMP AND METAL PLATE AND HANDRAIL

NEW RETAINING WALL THIS AREA. REMOVE EXISTING METAL PANELS AS PART OF NEW WALL WORK (REF STRUCTURAL)

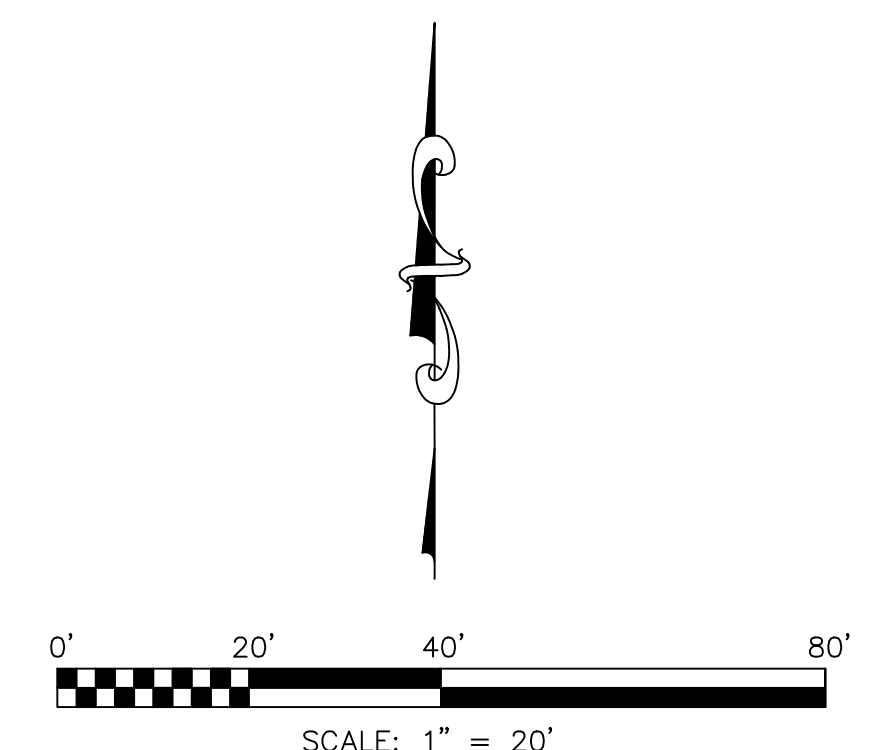
SALVAGED GRAVEL FROM DRIVE TO BE PLACED, SPREAD AND COMPACTED FOR OVERFLOW PARKING. COMPACT TO 90% DENSITY.

REMOVE/SALVAGE EXISTING GRAVEL TO ALLOW NEW 4" TOPSOIL AND NEW SEEDING.

SECONDARY AREA FOR SALVAGED GRAVEL

NOTE: ALL GRAVEL REMOVED SHALL REMAIN ON SITE AND SPREAD IN AREAS SHOWN AND SHALL REMAIN THE PROPERTY OF CHEROKEE NATION.

NOTE: ALL AREAS WHERE GRAVEL IS REMOVED ALONG/ADJACENT TO STATE HIGHWAY 60 SHALL RECEIVE 4" OF TOP SOIL AND NEW SOLID SLAB BERMUDDA SOD



**CHEROKEE NATION  
VINITA, OKLAHOMA**

KEY PLAN

No.	Description	Date

**SITE DEMOLITION PLAN**

BID SET

PROJECT NO: 111-049-20  
DRAWN BY: JT  
CHECKED BY: MAE  
DATE: 5/7/2021  
**C0.0**  
Scale: 1" = 20'

2933 S. Bryant Avenue, Edmond, Oklahoma 73013  
Telephone: 405-341-4031, Fax: 405-341-4032  
Certificate of Authorization No. 2926 June 30, 2021



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Site Plan  
GENERAL CONSTRUCTION NOTES

- 1. All construction work performed and materials supplied shall conform to the Site Work Specifications and the City of Vinita "Standard Specifications For Construction". Any work not covered in the above shall conform to the "Standard Specifications for Highway Construction", Oklahoma Department of Transportation, latest edition and supplementals.
2. The utilities as shown hereon are approximate in location as obtained from the survey records and atlas'. The contractor shall be responsible for notifying all utility companies and governmental agencies who might have utility lines on or across the premises, or who might be affected by the construction. The contractor shall coordinate his activities with the utility companies to ensure compliance with the project schedule established by the General Contractor. The contractor shall make every effort to protect existing utility lines, and shall repair any damages at his own expense.
3. Unless otherwise specified, the contractor shall be responsible for his own Construction Staking. The contractor shall further be responsible for the accuracy of all staking in accordance with the approved plans. In the event that discrepancy's are found, the contractor shall immediately notify the engineer or project manager prior to commencing with construction operations.
4. Upon completion of work, the paving contractor shall be responsible for backfilling all islands and curbs, with the upper 4" depth to be topsoil.
5. The landscaping contractor shall be responsible for seeding and/or slab sodding areas disturbed by construction in accordance with the plans or as directed by the owner or engineer. The contractor shall further be responsible for all necessary fertilization and watering of areas to be seeded or sodded for the period of time necessary to establish proper root growth. The contractor shall further be responsible for replacement of slab sod which dies prior to establishing root growth.
6. The general contractor shall be responsible for insurance of materials, installation and maintenance of the combination silt fence barrier around the limits of construction and as shown on the approved plan, during construction and until all work is complete and vegetation is reestablished.
7. The contractor shall place additional erosion control devices (sand bags) around any open storm drains or inlets located within the area of construction in order to control siltation of such structures.
8. The contractor shall be subject to frequent inspection of all methods and materials for erosion protection, and shall replace any item considered defective by the engineer in a timely manner.
9. All signs, pavement markings, and other traffic control devices, shall conform to the Oklahoma Standard Manual on Uniform Traffic Control Devices, latest edition. All pavement striping shall be four (4) inches wide, unless shown otherwise on the plans.
10. In areas where concrete paving is to abut asphaltic paving, the contractor shall construct a 11" thickened edge in the concrete.
11. All pavement removal contiguous to pavement remaining, shall be saw-cut in a straight line to the full depth of the existing pavement. All debris from removal operations shall be removed from the site at the time of excavation. Stockpiling of debris on-site will not be permitted.
12. Unless otherwise stated in the General Conditions, the contractor shall be responsible for all testing. All subgrade, concrete and asphaltic pavement testing shall conform to the "Standard Specifications for Highway Construction", Oklahoma Dept. of Transportation, latest edition and supplementals. All test results shall be forwarded to the engineer for his review and approval.
13. The Contractor shall provide a medium broom finish on all concrete walks, ramps and paving surfaces.
14. The contractor shall be responsible for the demolition and removal of all concrete, foundations, walls, walls, trees and other debris indicated on the survey or specified in the Site Work Specifications. All salvagable storm sewer grates, inlets or manhole ring and covers which are not being re-used on site shall be returned to the City of Vinita.
15. All exterior lighting (building and parking lot) shall be directional lighting and directed away from any residential areas.
16. All mechanical equipment shall be screened from view. The dumpster shall be enclosed with a sight-proof fence of materials compatible to the architecture of the building, and shall be a minimum 6' in height.
17. Construction access to the Site shall be from public streets or Highways unless otherwise directed by the engineer or the City.

Grading Plan  
GENERAL CONSTRUCTION NOTES

- 1. All work performed and materials supplied shall conform to the Site Work Specifications. Any work not covered in the Site work Specifications shall conform to the City of Vinita City Standard Specifications or "Standard Specifications for Highway Construction, Oklahoma Department of Transportation, latest edition and supplementals.
2. The contractor shall be responsible for notifying all utility companies and governmental agencies who might have utility lines on or about the premises, or who might be affected by the construction. The contractor shall also coordinate his activities with the utility companies to ensure compliance with the project schedule established by the General Contractor. The contractor shall make every effort to protect existing utility lines, and shall repair any damages at his own expense.
3. Unless otherwise specified, the contractor shall be responsible for his own construction staking.
4. All topsoil shall be removed and stockpiled in an area designated by the owner. Upon completion of construction, topsoil at a minimum of 4" in depth, shall be spread over areas disturbed by construction.
5. All pavement removal contiguous to pavement remaining, shall be sawed in straight lines to the full depth of the existing pavement. All debris from removal operations shall be removed from the site at the time of excavation. Stockpiling of debris will not be permitted.
6. Prior to placement of fill, the ground shall be stripped of vegetation, scarified and recompacted. Fill shall be placed in maximum 9" lifts and compacted to a dry density of at least 95% of the maximum dry density obtained by the Standard Compaction Test (ASTM D-698) at a water content within 3 percent of optimum.
7. In areas of excavation, the subgrade shall be scarified to the depth shown on the detail, and recompacted in accordance with the above specification.
8. The contractor shall provide a medium broom finish on all concrete walks, ramps and paved surfaces.
9. Unless otherwise stated in the General Conditions, the contractor shall be responsible for all testing. The results of the tests shall be forwarded to the engineer for his review and approval. The soils laboratory shall determine the suitability of existing on site material prior to beginning any fill operations.
10. The contractor shall be responsible for erecting and maintaining barricades and other traffic control devices as necessary around the perimeter and adjacent to public streets or highways.
11. During construction and until such time as vegetation is reestablished, the contractor shall keep exposed dirt areas within the limits of construction and in stockpile areas, damped to prevent blowing due to wind.
12. The contractor shall be responsible for providing and maintaining adequate erosion protection during construction and following construction, until such time as proper vegetation is reestablished. The contractor shall construct and maintain a combination filter fabric barrier as shown on the attached Erosion Control Sheet.
13. The contractor shall be responsible for the demolition and removal of all concrete, foundations, walls, walls, trees and other debris indicated on the survey or specified in the Site Work Specifications.
14. Construction access to the site shall be from public streets or highways unless otherwise directed by the engineer or the City.

Utility Plan  
GENERAL CONSTRUCTION NOTES

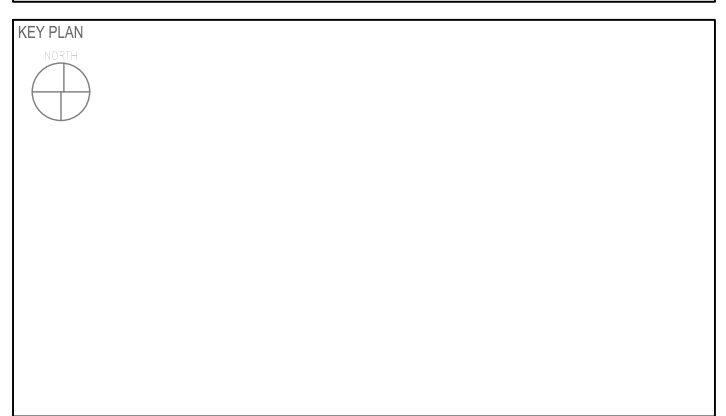
- 1. All work performed and materials supplied shall conform to the Site Work Specifications. Any work not covered in the Site work Specifications shall conform to the City of Vinita City Standard Specifications or "Standard Specifications for Highway Construction, Oklahoma Department of Transportation, latest edition and supplementals.
2. The contractor shall be responsible for notifying all utility companies and governmental agencies who might have utility lines on or about the premises, or who might be affected by the construction. The contractor shall also coordinate his activities with the utility companies to ensure compliance with the project schedule established by the General Contractor. The contractor shall make every effort to protect existing utility lines, and shall repair any damages at his own expense.
3. Unless otherwise specified, the contractor shall be responsible for his own construction staking.
4. The contractor shall be responsible for obtaining approved plans, work orders and connection permits required by the City of Vinita. The responsibility for the fees is established in the General Conditions.
5. All utility lines shall be backfilled and compacted in accordance with the Site Work Specifications or the City of Vinita Standard Specifications.
6. All utilities shall terminate five (5) feet outside the building unless otherwise noted. The end of all service lines shall be tightly capped or plugged and marked until such time as connections are made inside the building.
7. All materials shall be U.L. listed and Factory Mutual Approved unless otherwise directed by the owner's representative.
8. Use only pvc water pipe (class C900) and fittings for pipe over 3 inches in diameter. Pipe 3 inches and smaller shall be Type K copper unless otherwise stated in the Specifications. Fittings shall be copper or cast bronze. Joints shall be solder or flare tube type.
9. The contractor shall be responsible for providing and maintaining adequate erosion protection during construction and following construction, until such time as proper vegetation is reestablished.
10. The contractor shall be responsible for erecting and maintaining barricades and other traffic warning devices as necessary around the perimeter of construction and adjacent to any open trenches.
11. Those utilities which are public, shall be installed by a contractor licensed and bonded with the City of Vinita. All public utilities will require a separate work order from the City.
12. All valves, manhole lids and sewer clean-outs located in paved areas, shall be H-20 traffic rated.
13. The contractor shall be responsible for verifying elevations and adjusting all covers and lids in paved areas to finished grade. All field adjustments shall be noted and brought to the engineers attention for approval.
14. Construction access to the site shall be from public streets or highways unless otherwise directed by the engineer or the City.
15. All utilities located beneath paved surfaces shall be backfilled with crushed rock or approved material and compacted to 98% S.P.D compaction shall be accomplished by tamping.
16. The contractor shall notify City Traffic Management 48 hours prior to any street closing.

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- CIVIL ENGINEERING
Red Plains Professional
2933 South Bryant Avenue
Edmond, Oklahoma 73013
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405-420-8800
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918-584-0102

VINITA CULTURAL DEVELOPMENT CENTER

CHEROKEE NATION  
VINITA, OKLAHOMA



No.	Description	Date

DRAWN TITLE

SITE CONSTRUCTION NOTES

BID SET

PROJECT NO: 111-049-20  
DRAWN BY: JT  
CHECKED BY: MAF  
ISSUE DATE: 5/7/2021

**C0.1**

Scale 1" = 20'



2933 S. Bryant Avenue, Edmond, Oklahoma 73013  
Telephone: 405-341-4031, Fax: 405-341-4032  
Certificate of Authorization No. 2928 June 30, 2021



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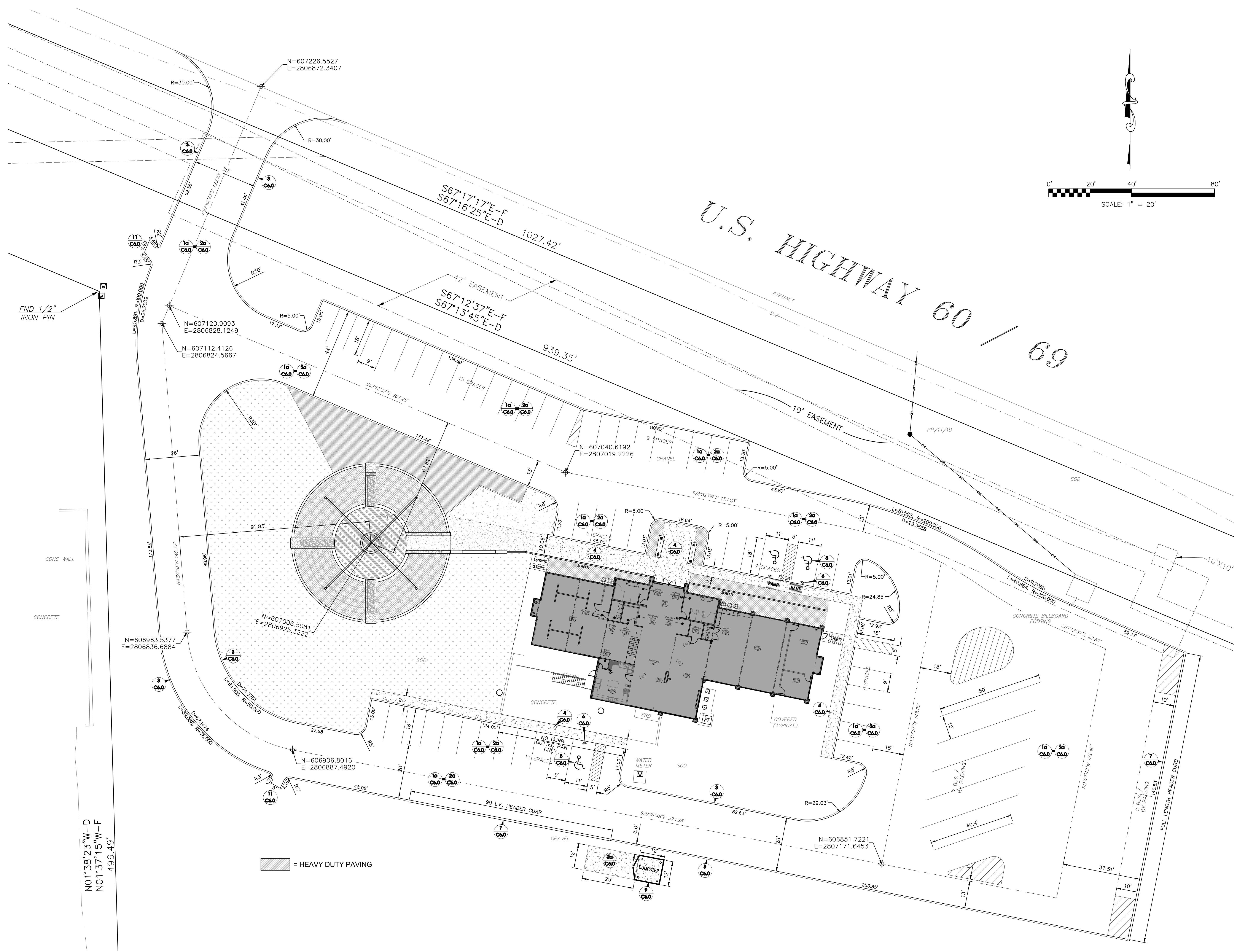
**LANDSCAPE DESIGN**  
 LAUD Studio  
 220 Northwest 13th Street, Suite 3  
 Oklahoma City, Oklahoma 73103  
 405.420.8900

**STRUCTURAL ENGINEERING**  
 380 Engineering  
 1201 East 3rd Street  
 Tulsa, Oklahoma 74120  
 918.518.1124

**ARCHITECTURAL & INTERIOR DESIGN**  
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 918.584.0102

VINITA CULTURAL DEVELOPMENT CENTER



PROJECT  
**CHEROKEE NATION  
 VINITA, OKLAHOMA**

KEY PLAN

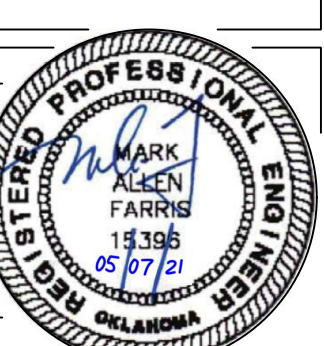
No.	Description	Date

DRAWING TITLE  
**SITE DIMENSION PLAN**

BID SET

PROJECT NO. 111-049.20  
 DRAWN BY: JT  
 CHECKED BY: MAF  
 ISSUE DATE: 5/7/2021  
**C1.0**

Scale 1" = 20'



01 January, 2020





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918.584.0102

VINITA CULTURAL DEVELOPMENT CENTER

CHEROKEE NATION  
VINITA, OKLAHOMA

KEY PLAN



No.	Description	Date

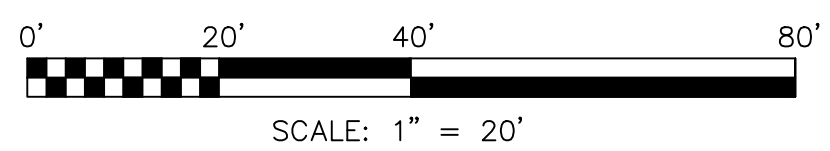
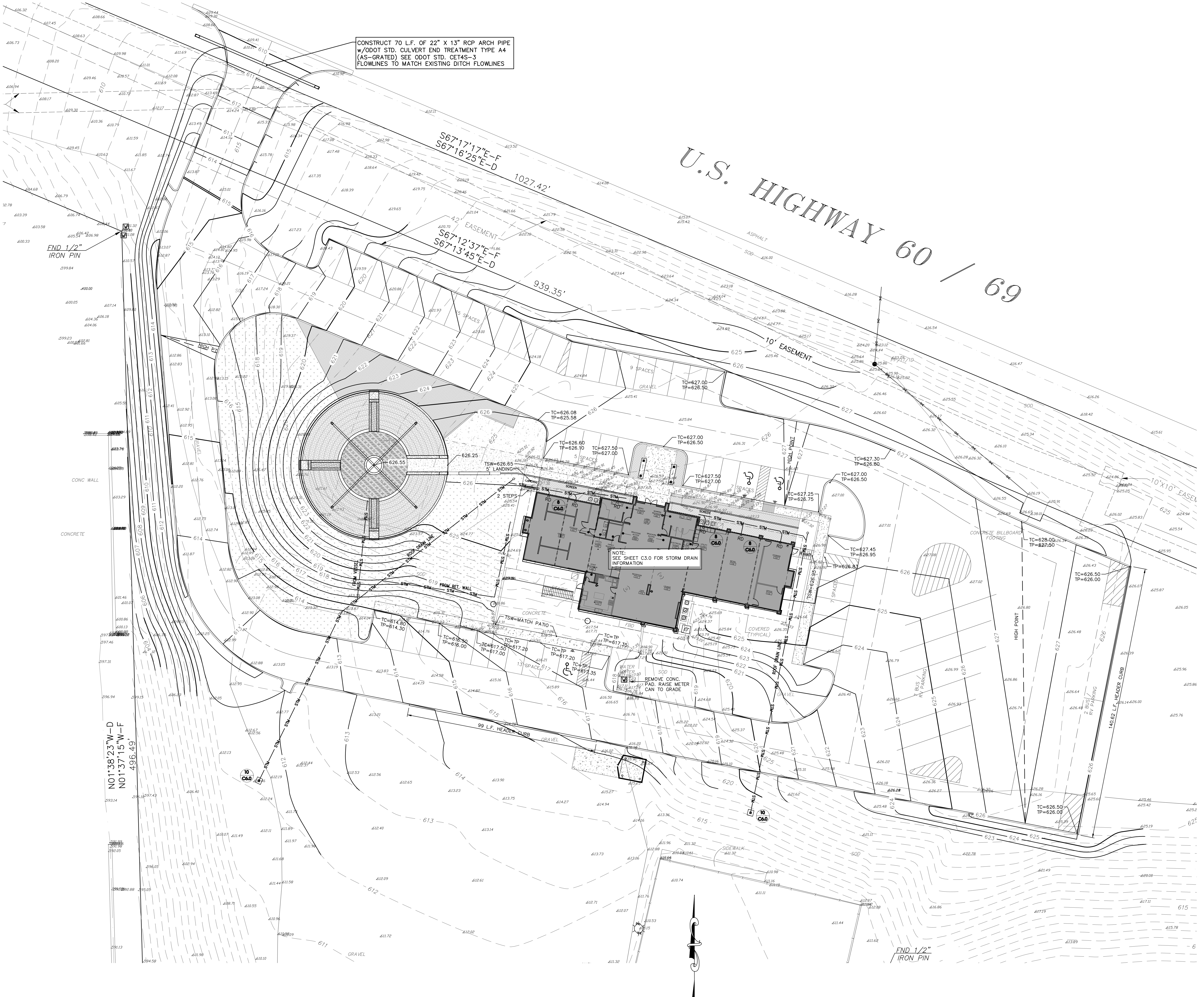
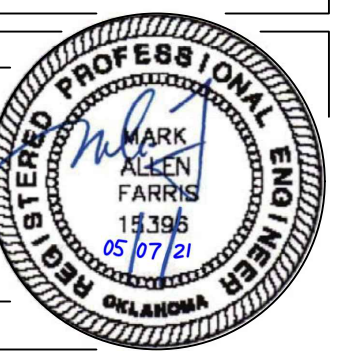
**SHEET TITLE**  
SITE GRADING PLAN

**BID SET**

PROJECT NO. 111-049.20  
DRAWN BY: JT  
CHECKED BY: MAF  
DATE: 5/7/2021

**C2.0**

Scale 1" = 20'



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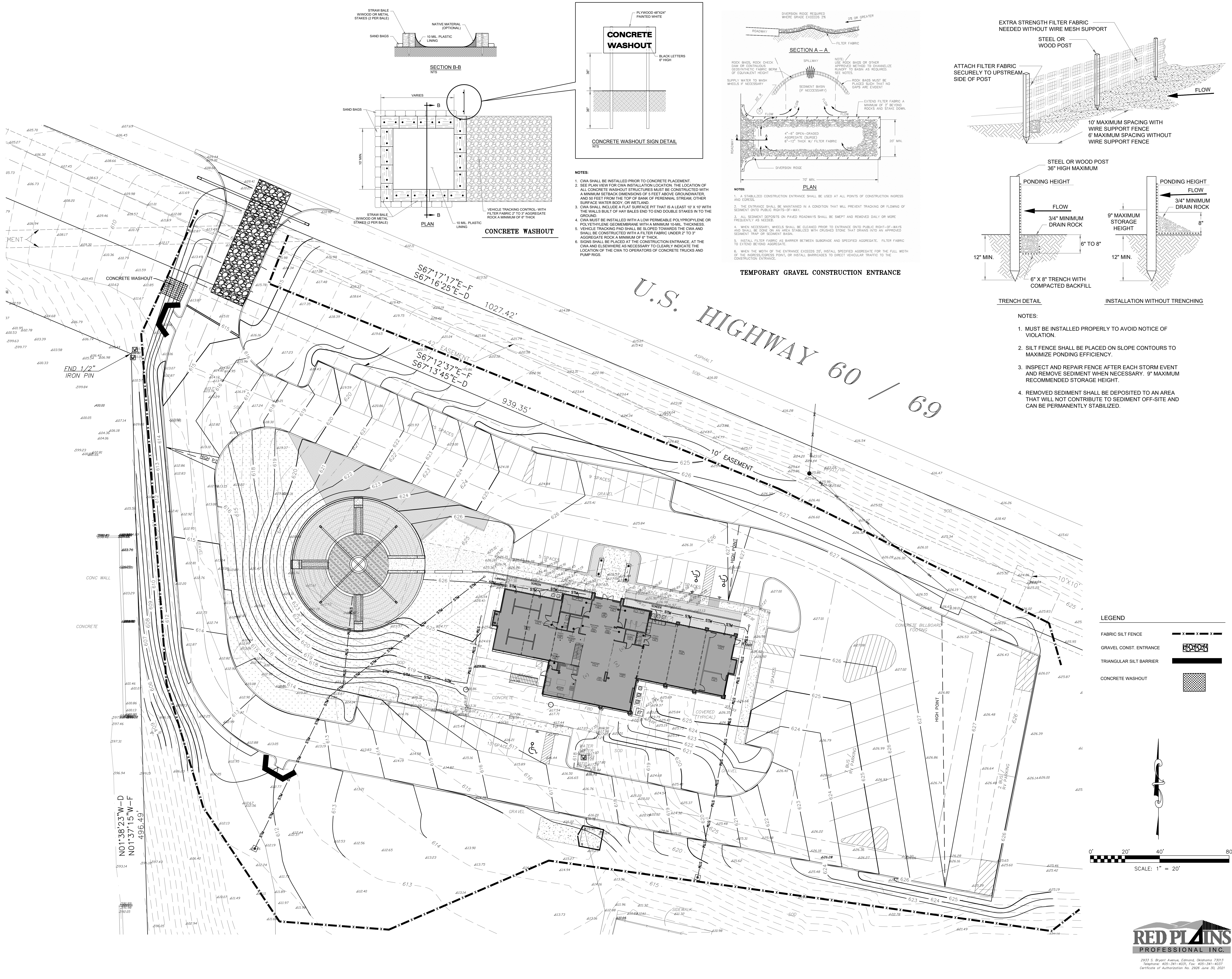
**LANDSCAPE DESIGN**  
LAUD Studio  
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Oklahoma City, Oklahoma 73103  
405.420.8800

**STRUCTURAL ENGINEERING**  
380 Engineering  
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918.576.0700

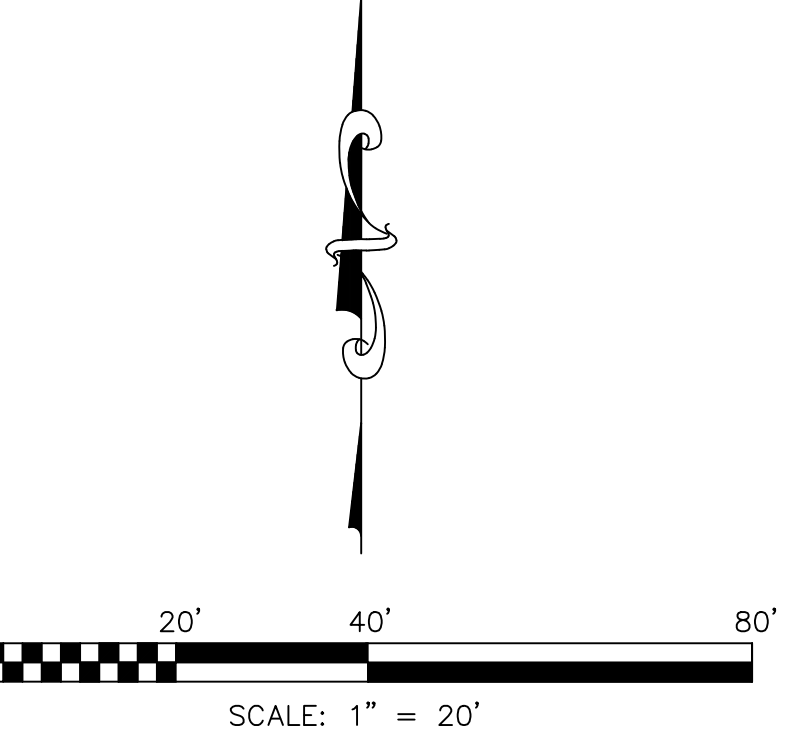
**MECHANICAL, ELECTRICAL,  
PLUMBING, & FIRE PROTECTION  
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PHILLIPS + GOMEZ  
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VINITA CULTURAL DEVELOPMENT CENTER



**LEGEND**

FABRIC SILT FENCE	---
GRAVEL CONST. ENTRANCE	▨
TRIANGULAR SILT BARRIER	▲
CONCRETE WASHOUT	▣



**CHEROKEE NATION  
VINITA, OKLAHOMA**

**REVISIONS**

No.	Description	Date

No.	Description	Date

**EROSION CONTROL PLAN**

BID SET

PROJECT NO: 111-049 20  
DRAWN BY: JT  
CHECKED BY: MAF  
DATE: 5/7/2021

**C4.0**

Scale: 1" = 20'

**RED PLAINS  
PROFESSIONAL INC.**

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VINITA CULTURAL DEVELOPMENT CENTER

CHEROKEE CULTURAL CENTER
CONSTRUCTION POLLUTION PREVENTION PLAN

PROJECT NAME & LOCATION(Address):
CHEROKEE CULTURAL CENTER
HIGHWAY 60/69
VINITA, OK.
Operator Name and Address:
CHEROKEE NATION
TAHLEQUAH, OK.

Project Description: (Purpose and Types of Soil Disturbing Activities)
This project will consist of: construction of grading, drainage and asphalt paving, concrete sidewalks, and underground utilities. The work included under the specifications shall consist of furnishing all items, materials, operations, or methods listed, mentioned, indicated, or scheduled on the plans and/or the specifications.

Soil disturbing activities will include: clearing and grubbing; installing a stabilized construction entrance, perimeter, and other erosion and sediment controls; grading; excavation (or fill), rough and final grading around improvements, compaction of soil base, appropriate grading for drainage; installing drainage improvements; placing of roadway improvements; construction of the underground utilities and solid sod.

Suggested Sequence of Major Activities:
The general order of activities will be as follows: (May vary due to weather or other unforeseen conditions.)
1. Clear and Grub the existing site
2. Install Silt Fence & stabilized constr. Entrance
3. Removal & Storage of topsoil
4. Earthwork, cut/fill and compaction
5. Install underground utilities
6. Construct roadways
7. Final grading and install sod & landscape.
8. Remove erosion controls and temporary drives.
9. Final clean-up and acceptance.

The Contractor is responsible for the following:

NOTICE OF INTENT (NOI):
The Contractor shall file EPA form 3510-9, as required by the provisions of the Clean Water Act, as amended, ( 33 U.S.C. 1251 et. seq. ; the Act). OBTAIN AND READ A COPY OF THE APPROPRIATE EPA STORM WATER CONSTRUCTION GENERAL PERMIT FOR THE AREA OF THE PROJECT. The Contractor should contact the Notice of Intent Processing Center at (703) 931-3230 with any questions or concerns. NOTICE OF INTENT (form 3510-9) must be filed 48 hours before construction begins.

Waste Materials:
All waste materials will be collected and stored in a secured area, a metal dumpster if necessary, will be rented from a licensed solid waste disposal company in the local area. The materials shall be placed in dump site which meets all State and Local regulations. All trash and construction debris from the site will be transported to an approved disposal site or to the City dump. All construction waste shall be hauled off-site as soon as practical to keep site safe during and after working hours. No large piles of debris shall be allowed to climb to a height over five feet above the existing grade on site. No construction waste materials will be buried on-site. All personnel will be instructed regarding the correct procedure(s) for waste disposal. Notices and information regarding these procedures will be posted and/or provided to appropriate personnel by the Contractor or the person responsible for the day-to-day construction activities and operations at this site. The Contractor is responsible for the implementation of these procedures throughout his contract for construction.

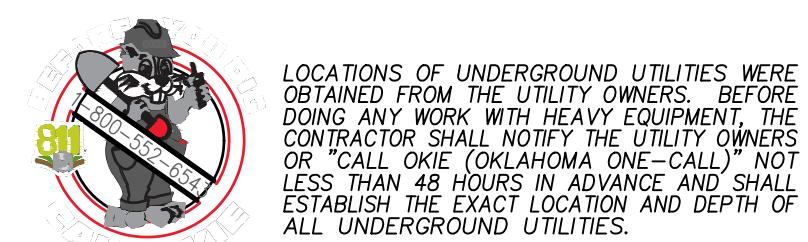
Hazardous Waste:
All hazardous waste materials will be disposed of in a manner specified by State or Local regulation or by the manufacturer. Site personnel will be instructed in any special procedures and/or practices by the Contractor's day-to-day manager of site operations.

Sanitary Waste:
All sanitary waste will be collected from the portable restroom units (if supplied) a minimum of once per week by a sanitary waste contractor to a location approved for disposal by State and Local regulations.

Offsite Vehicle Tracking:
A stabilized construction entry is required (more than one if needed) to reduce vehicle tracking of sediments. The paved street adjacent to the site entrance will be swept often or as necessary or directed to remove any excess mud, dirt or rock tracked from the site. Dump trucks hauling waste material from the construction site will be covered with a tarpaulin.

TIMING OF CONTROLS/MEASURES
The Sequence of Major Activities gives the general timing of the construction activities. Sediment and erosion controls identified in the plan will be installed immediately upon earthwork being initiated. Grading and stabilization of the site shall commence as soon as other improvements have been completed and approved by the City. Sodding of the areas indicated will take place as weather permits as soon as finish grading has been approved by the City. Temporary controls and measures will be removed when project has been final inspected and approved by the Building Department.

MAINTENANCE/INSPECTION PROCEDURES
Erosion and Sediment Control Inspection and Maintenance Practices
These are the inspection and maintenance practices Contractor will use to maintain erosion and sediment controls. All control measures will be inspected at least once each week and following any storm event of 0.5 inches or greater. All measures will be maintained in good working order; if a repair is necessary, it will be initiated within 24 hours of report. Built up sediment will be removed from silt fence when it has reached one-third the height of the fence. Silt fence will be inspected for depth of sediment, tears, to see if the fabric is securely attached to the fence posts, and to see that the fence posts are firmly in the ground. Temporary and permanent seeding and planting will be inspected for bare spots, washouts, and healthy growth. A maintenance inspection report will be made after each inspection. A copy of the report form to be completed by the inspector is attached. Contractor's site superintendent will be responsible for filling out inspection and maintenance reports. Another individual will be selected as an alternate to be responsible for inspections, maintenance and repair activities, and filling out the inspection and maintenance report should the superintendent be unavailable. Personnel selected for inspection and maintenance responsibilities will receive training from Contractor. They will be trained in all the inspection and maintenance practices necessary for keeping the erosion and sediment controls used onsite in good working order. Non-Storm Water Discharges
It is expected that the following non-storm water discharges will occur from the site during the construction period: Pavement wash waters (where no spills or leaks of toxic or hazardous materials have occurred).



CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS
This storm water pollution prevention plan reflects the guidelines set forth by in the EPA's general Construction Activities, EPA 833-R-92-001.

INVENTORY FOR POLLUTION PREVENTION PLAN

The materials or substances listed below are expected to be present onsite during construction:
Concrete Fertilizers Asphalt
PVC pipe Paints (enamel) Cleaning solvents Detergents
Metal columns and roofs Petroleum based products Wood and wood products Sand and limestone rock

SPILL PREVENTION
Material Management Practices
The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.

Good Housekeeping:
The following good housekeeping practices will be followed onsite during the construction project. An effort will be made to store only enough product required to do the job. All materials stored onsite will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.

Products will be kept in their original containers with the original manufacturer's label. Substances will not be mixed with one another unless recommended by the manufacturer. Manufacturers' recommendations for proper use and disposal will be followed. The site superintendent will inspect daily to ensure proper use and disposal of materials onsite.

Hazardous Products:
These practices are used to reduce the risks associated with hazardous materials. Products will be kept in original containers unless they are not resealable. Original labels and material safety data will be retained; they contain important product information. If surplus product must be disposed of, manufacturers' or local and State recommended methods for proper disposal will be followed. The following product specific practices will be followed onsite:

Petroleum Products:
All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled. Any asphalt substances used onsite will be applied according to the manufacturer's recommendations.

Fertilizers:
Fertilizers used will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bin to avoid spills.

Paints:
All containers will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewer system but will be properly disposed of according to manufacturers' instructions of state and local regulations.

Concrete Trucks:
The Contractor will establish a single wash-out basin for concrete trucks. Concrete trucks will only be allowed to wash out or discharge surplus concrete or drum wash water on the site at this location. When the project is completed, and as a part of the final clean-up, the Contractor will be responsible for removing all concrete spoils and waste in the basin to an off-site location. The basin area will be filled with dirt, compacted, graded, sodded and restored to original condition or better.

Spill Control Practices
In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup: Manufacturers' recommended methods for spill cleanup will be followed and site personnel will be made aware of the procedures and the location of the information and cleanup supplies. Materials and equipment necessary for spill cleanup will be readily available. Equipment and materials may include, but not be limited to brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand sawdust, and plastic and metal trash containers specifically for this purpose. All spills will be cleaned up immediately after discovery. The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance. Spills of toxic or hazardous material will be reported to the appropriate state or local government agency, regardless of the size. The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included. The Contractor's site superintendent responsible for the day-to-day site operations, will be the spill prevention and cleanup coordinator. He will designate at least one other site person who will be in responsible care upon the Site superintendent absence and will be aware of spill prevention and cleanup methods. The names of responsible spill personnel will be available to inspection personnel.

CHEROKEE NATION
VINITA, OKLAHOMA

KEY PLAN



Table with 3 columns: No., Description, Date

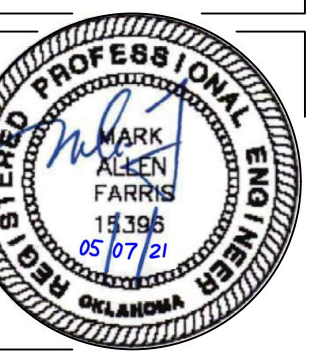
SHEET TITLE

POLLUTION PREVENTION PLAN

BID SET

PROJECT NO. 111-049-20
ISSUED: 11
CHECKED: MAF
ISSUE DATE: 5/7/2021

C5.0



Scale 1" = 20'



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Certificate of Authorization No. 2926 June 30, 2021



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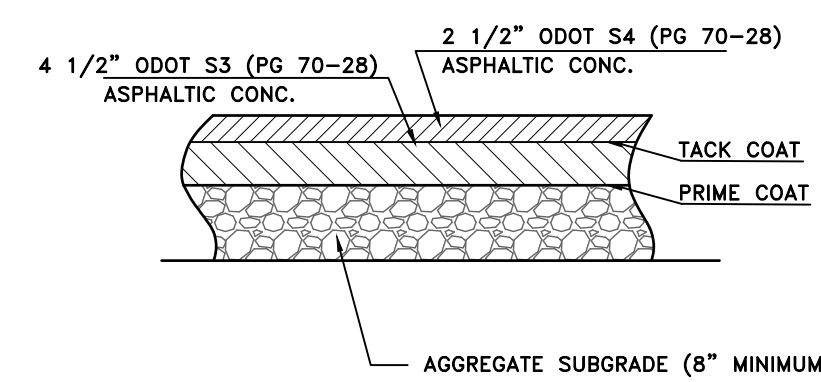
**CIVIL ENGINEERING**  
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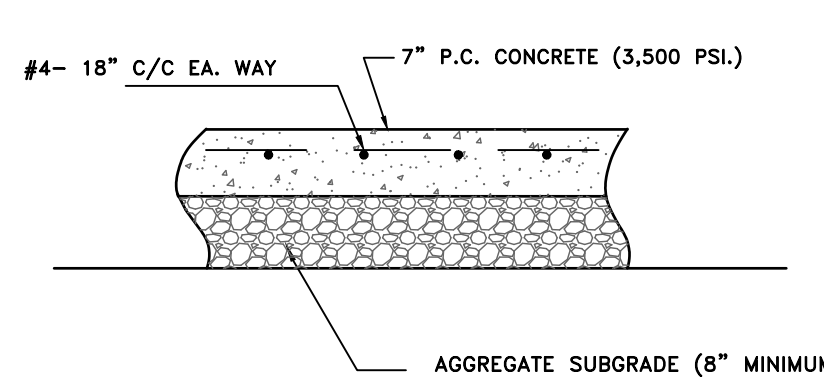
**ARCHITECTURAL & INTERIOR DESIGN**  
EFG Design & Architecture  
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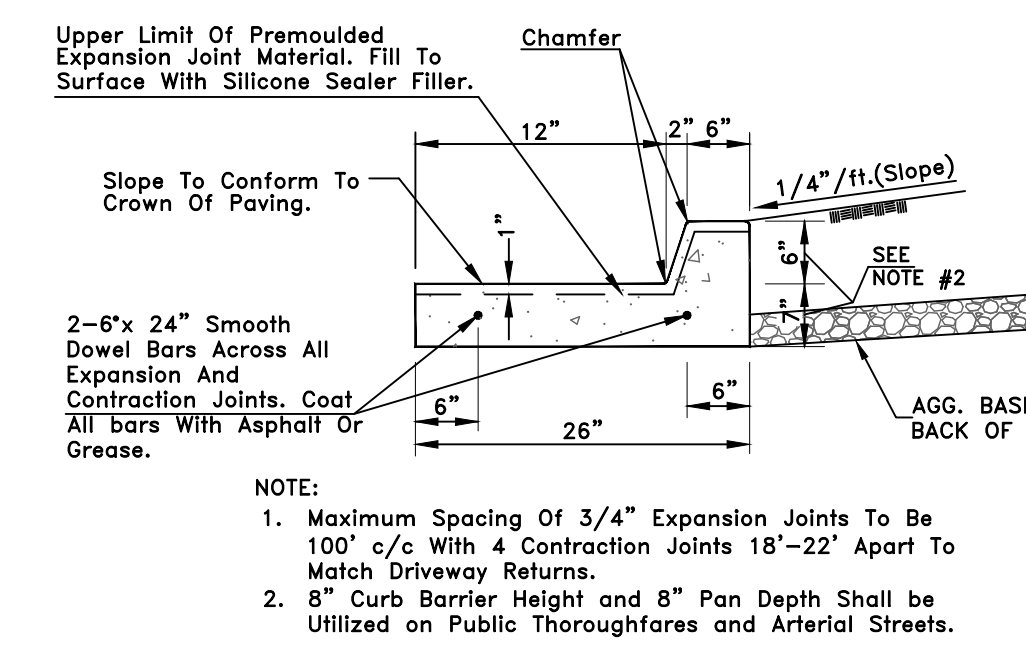
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ASPHALT PAVING SECTION  
(RESERVED)  
SCALE: NONE

NOTE: ASPHALT AND CONCRETE PAVING SECTIONS PROVIDED BY OWNER.

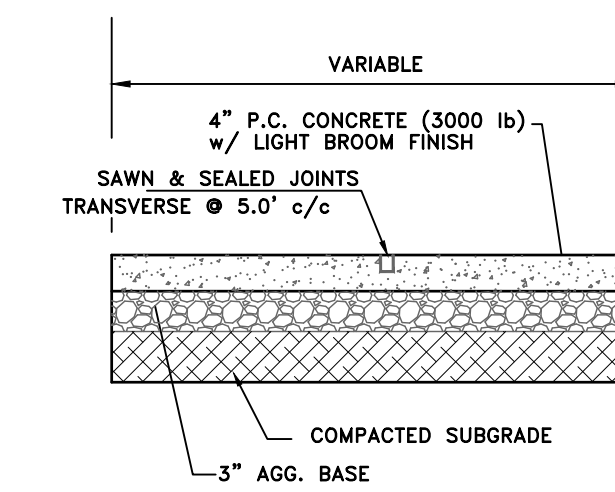


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CONCRETE PAVING SECTION  
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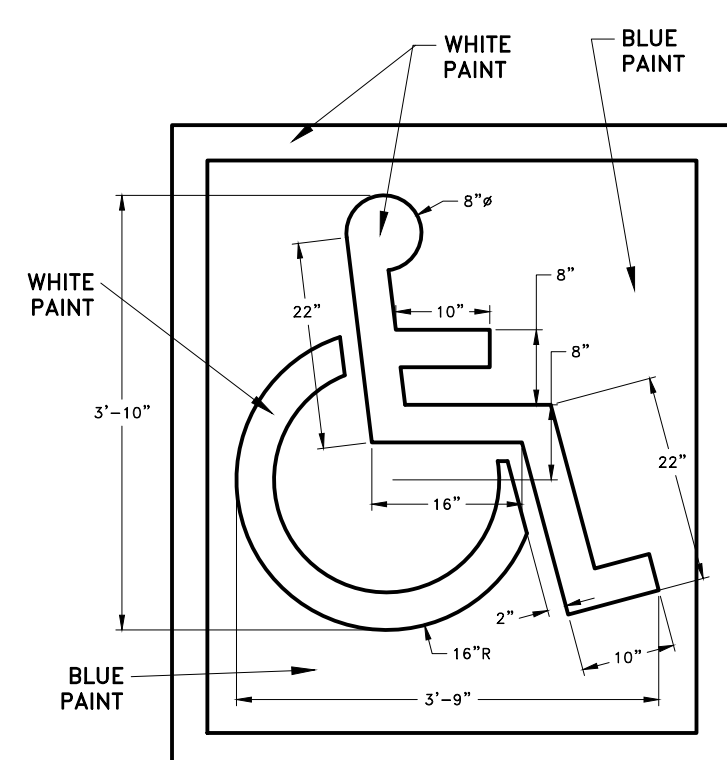
NOTE: AGG. SUBGRADE SHALL EXTEND MIN. 1' BACK OF CURB



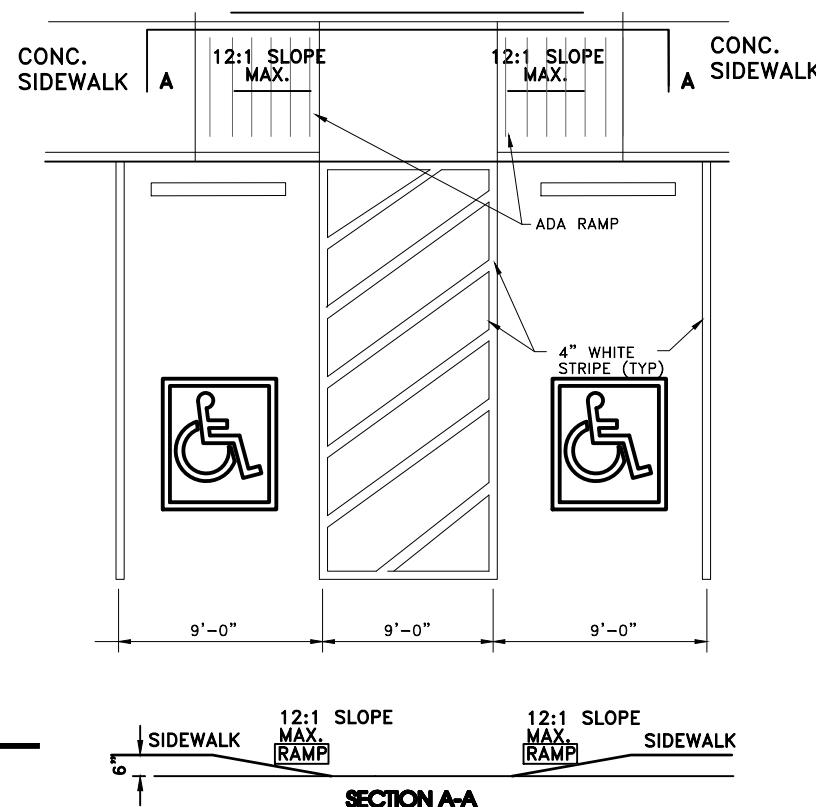
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CONCRETE CURB & GUTTER DETAIL  
& BARRIER PARKING LOT CURBS  
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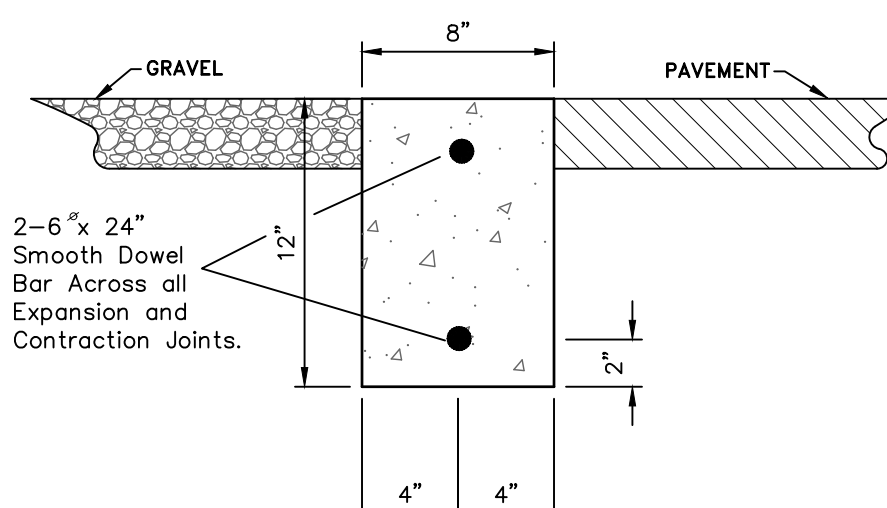
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SIDEWALK DETAIL  
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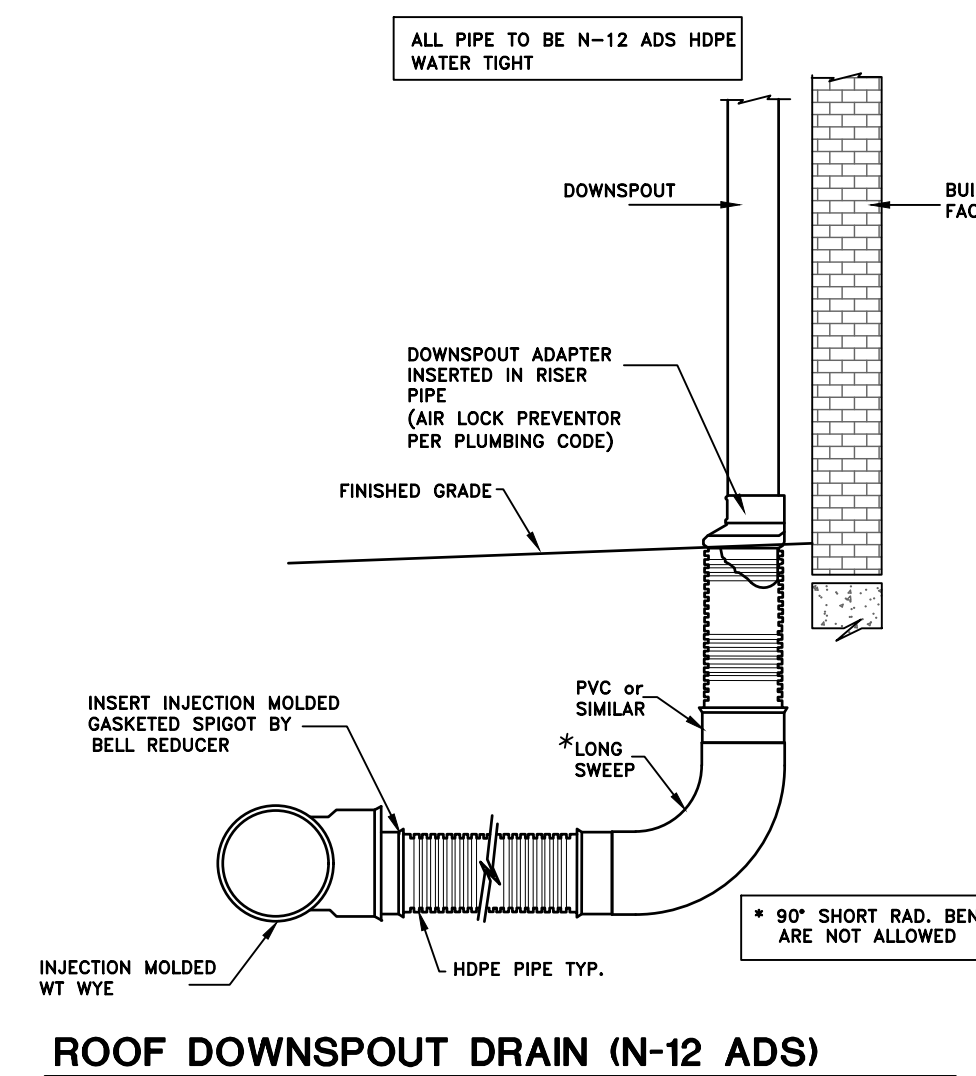
**5 DETAIL**  
HANDICAP PARKING, MARKING &  
SIDEWALK DETAIL (PER LATEST MUTCD EDITION)  
SCALE: NONE



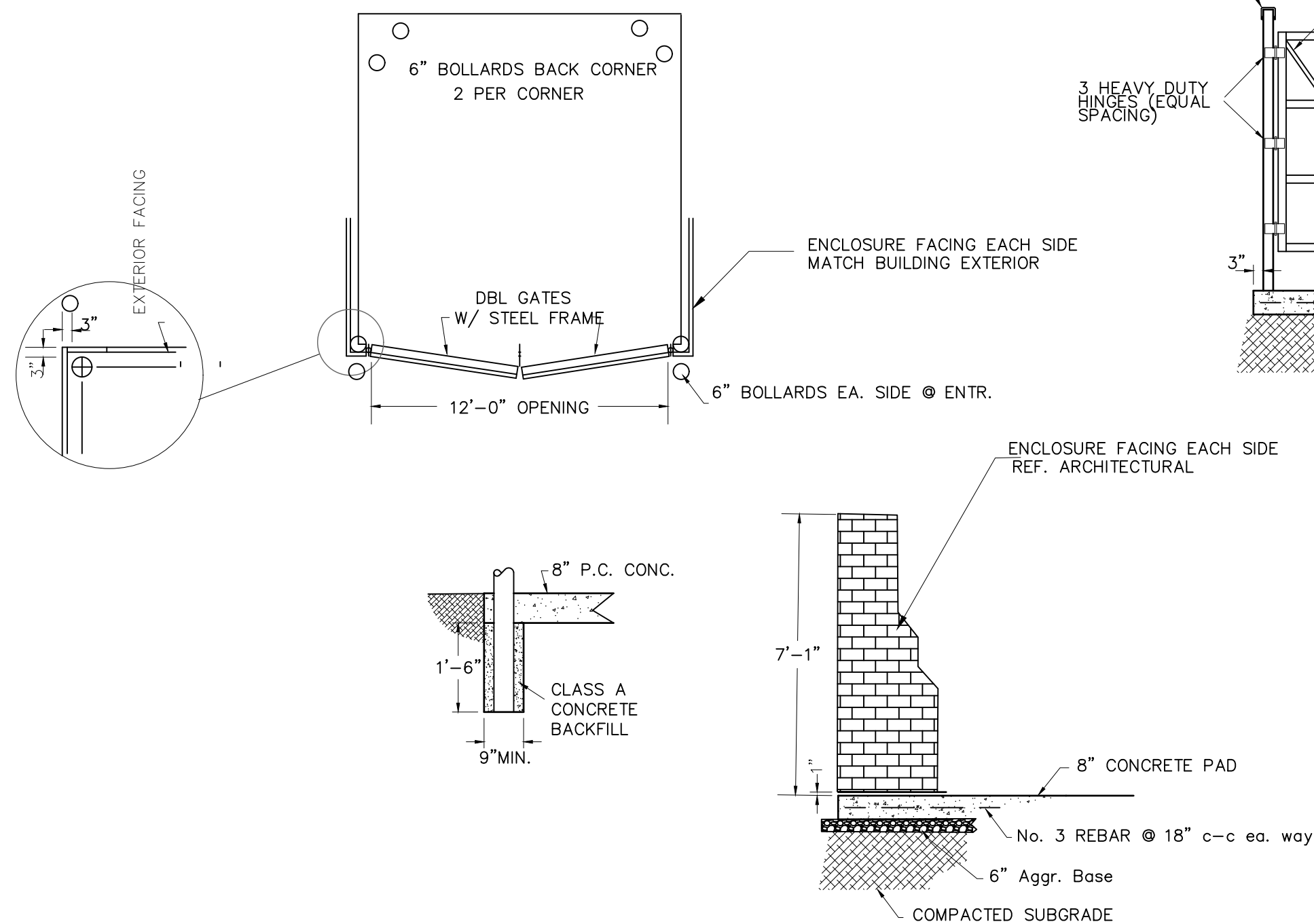
**6 DETAIL**  
HANDICAP SIGN & SIGN POST DETAIL  
(ALL HC PARKING SPACES)  
SCALE: NONE



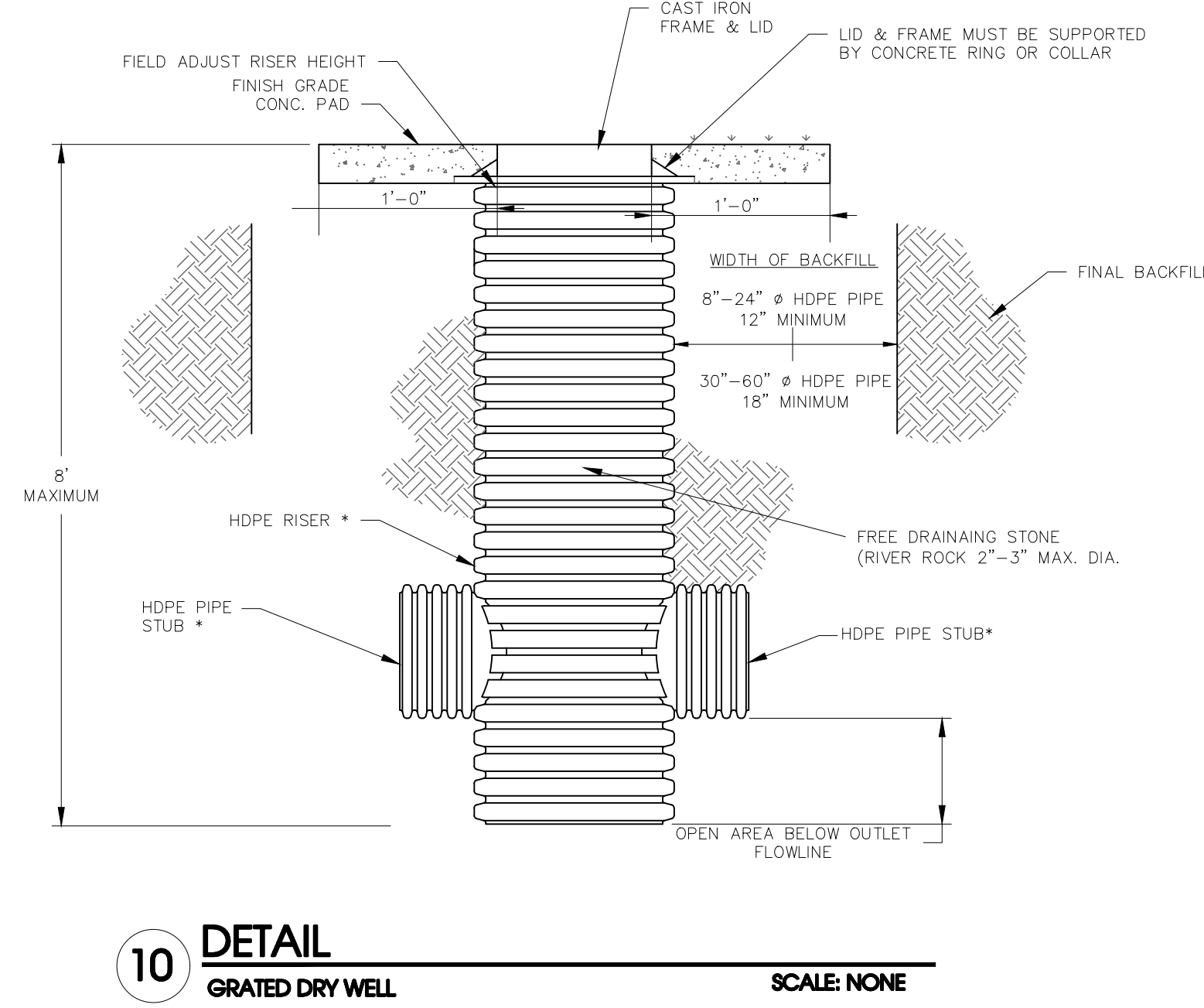
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CONCRETE HEADER CURB  
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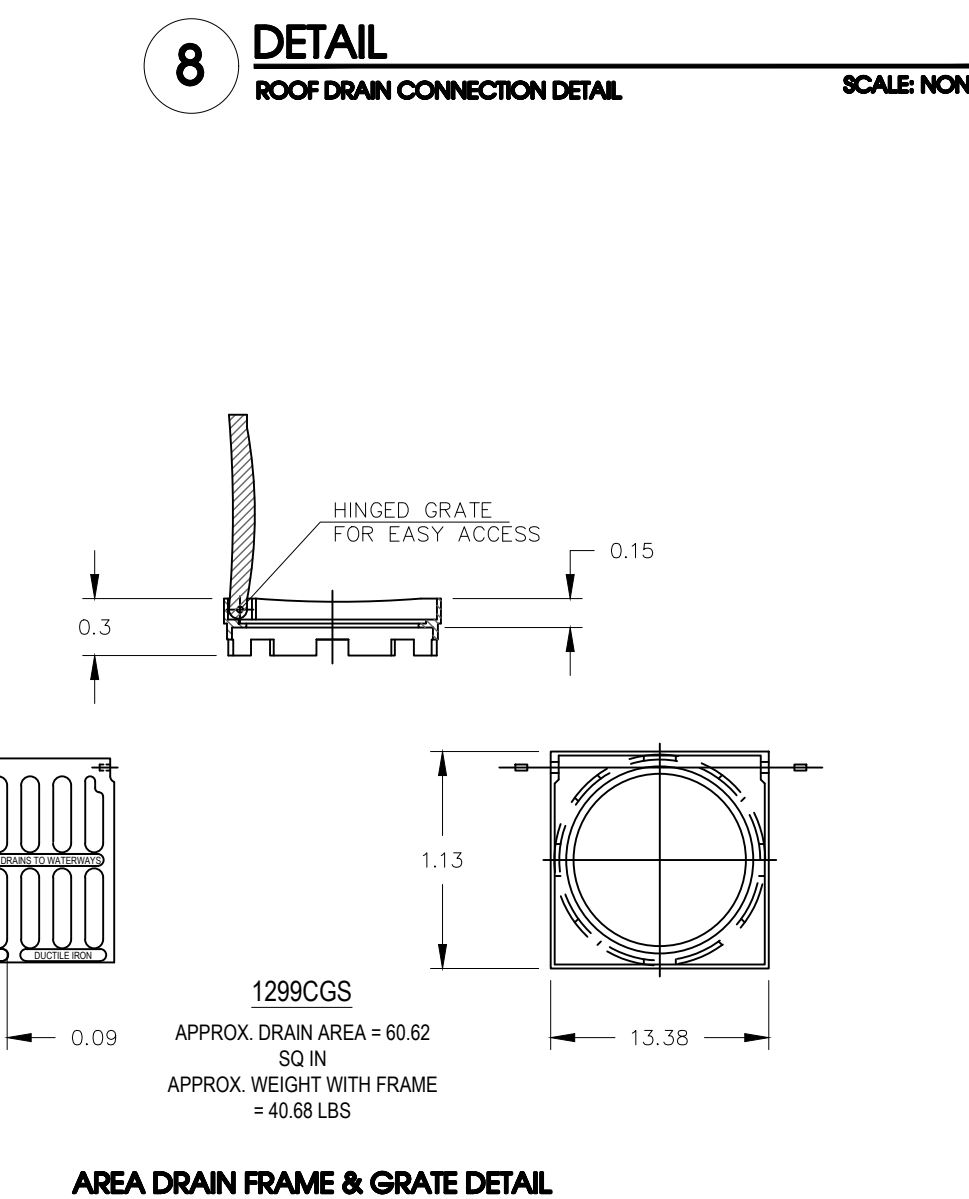
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ROOF DOWNSPOUT DRAIN (N-12 ADS)  
SCALE: NONE



**9 DETAIL**  
DUMPSTER ENCLOSURE DETAIL  
(REF. ARCHITECTURAL)  
SCALE: NONE



**10 DETAIL**  
GRATED DRY WELL  
SCALE: NONE



**11 DETAIL**  
CONCRETE FLUME  
SCALE: NONE

**CHEROKEE NATION  
VINITA, OKLAHOMA**

REV. PLAN



No.	Description	Date

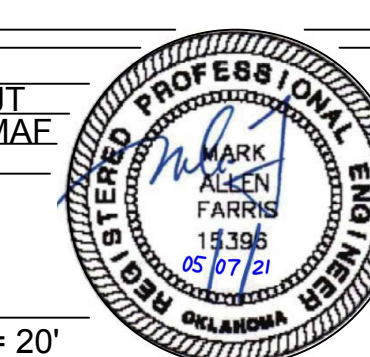
SITE CONSTRUCTION DETAILS

BID SET

PROJECT NO. 111-049-20  
DRAWN BY: JF  
CHECKED BY: MAF  
DATE: 5/7/2021

**C6.0**

Scale 1" = 20'



**RED PLAINS**  
PROFESSIONAL INC.

2933 S. Bryant Avenue, Edmond, Oklahoma 73013  
Telephone: 405-341-4031, Fax: 405-341-4037  
Certificate of Authorization No. 2926, June 30, 2021



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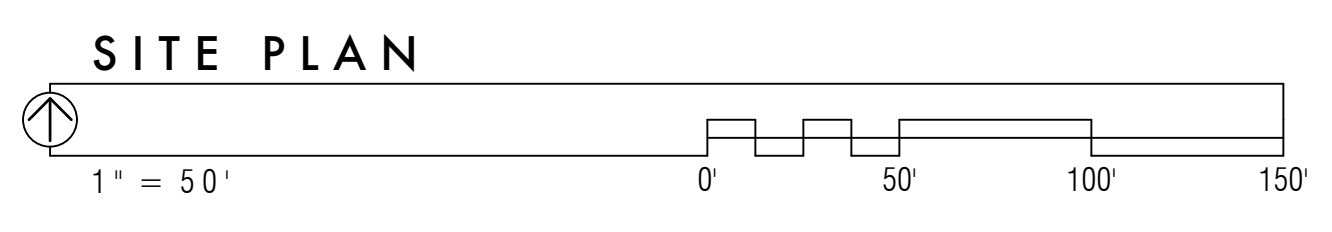
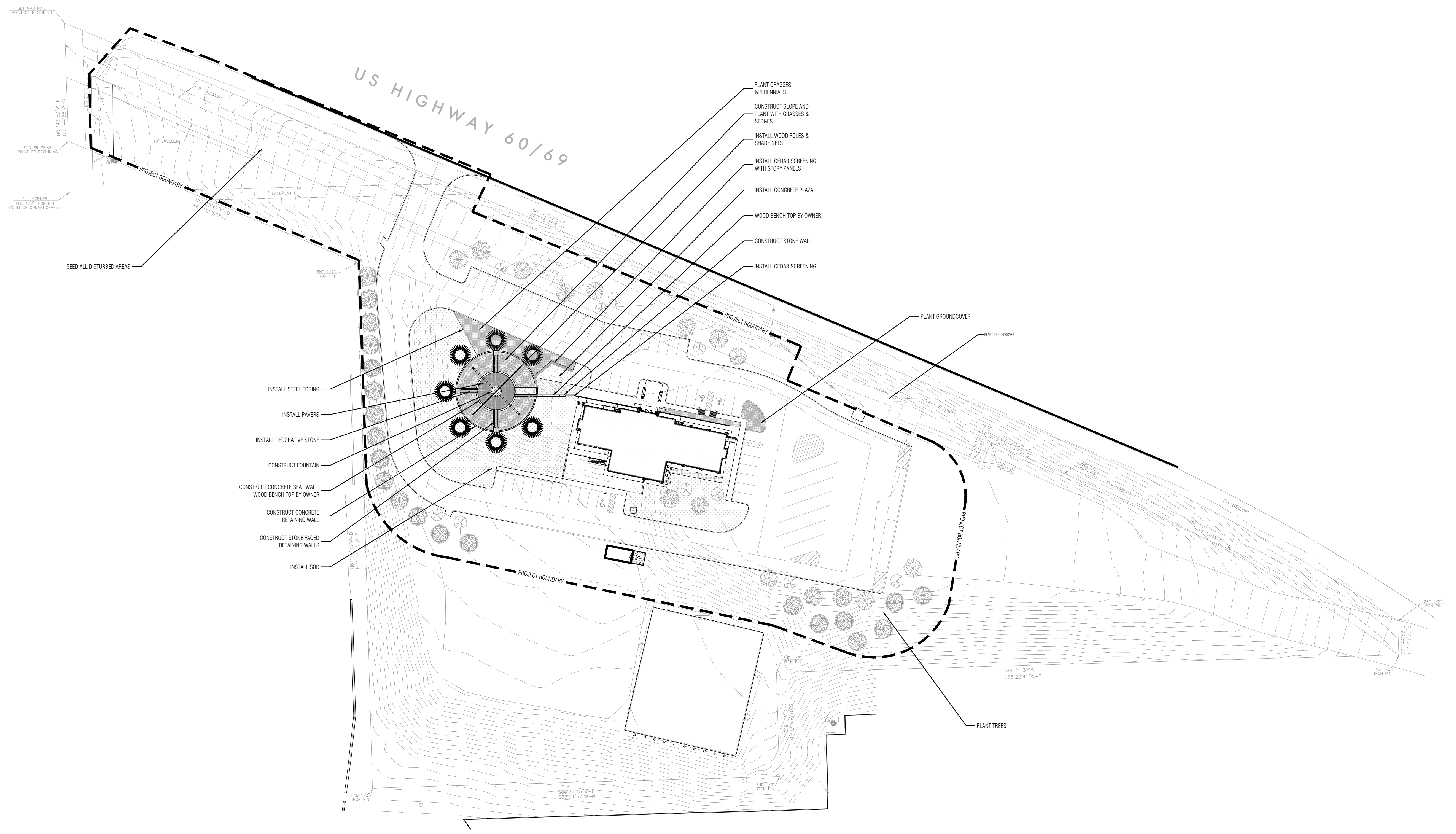
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VINITA CULTURAL DEVELOPMENT CENTER



**GENERAL NOTES**

- WORK PERFORMED SHALL COMPLY WITH THE FOLLOWING:  
A. THESE GENERAL NOTES, AND CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.  
B. ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES, ORDINANCES AND REGULATIONS. ALL CODES LISTED IN SPECIFICATIONS AND DRAWINGS SHALL BE INCLUSIVE OF ALL CODES, REGULATIONS AND REQUIREMENTS ADOPTED BY THE STATE OF OKLAHOMA AND THE CITY OF VINITA, INCLUDING ALL AMENDMENTS.
- SOURCE OF BASE INFORMATION IS ASSUMED TO BE CORRECT. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER'S REPRESENTATIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH AND TO LOCATE ALL EXISTING SITE CONDITIONS UNDERGROUND UTILITIES, DROP WIRES, POLES, PIPES, AND OTHER SUBSTRUCTURES AND TO PROTECT THEM FROM DAMAGE. THE EXPENSE OF REPAIR, BODILY INJURY, OR REPLACEMENT OF SAID SUBSTRUCTURES INCLUDING DAMAGE OF THE OWNER'S PROPERTY SHALL BE BORN BY THE CONTRACTOR. THE CONTRACTOR SHALL HAND DIG FOOTINGS, TREE WELLS, PLANTING BEDS, ETC. AS REQUIRED. CONTRACTOR RESPONSIBLE FOR CONTACTING UTILITY COMPANIES PRIOR TO EXCAVATION.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES, LANDSCAPING, AND FEATURES TO REMAIN ON/OR ADJACENT TO THE PROJECT SITE DURING CONSTRUCTION. CONTRACTOR SHALL REPAIR, AT HIS OWN EXPENSE, ALL DAMAGE RESULTING FROM HIS OPERATIONS OR NEGLIGENCE.
- THE CONTRACTOR SHALL NOTIFY OWNERS REPRESENTATIVE OR LANDSCAPE ARCHITECT 48 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY TO PROVIDE ALL WORK. WORK TO BE COMPLETED IN PLACE AS SPECIFIED.
- ALL MATERIALS SHALL BE OF STANDARD, APPROVED AND FIRST GRADE QUALITY AND SHALL BE IN PRIME CONDITION WHEN INSTALLED AND ACCEPTED. ALL MATERIALS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL BEFORE INSTALLATION.
- ALL WORK AREAS SHALL BE CORDONED OFF OR FENCED DURING CONSTRUCTION.
- A COPY OF THE EROSION CONTROL SITE PLAN MUST BE ON SITE AT ALL TIMES AND MADE AVAILABLE TO THE INSPECTOR UPON REQUEST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL EROSION CONTROL DEVICES DAMAGED DUE TO CONSTRUCTION.

**LAYOUT NOTES**

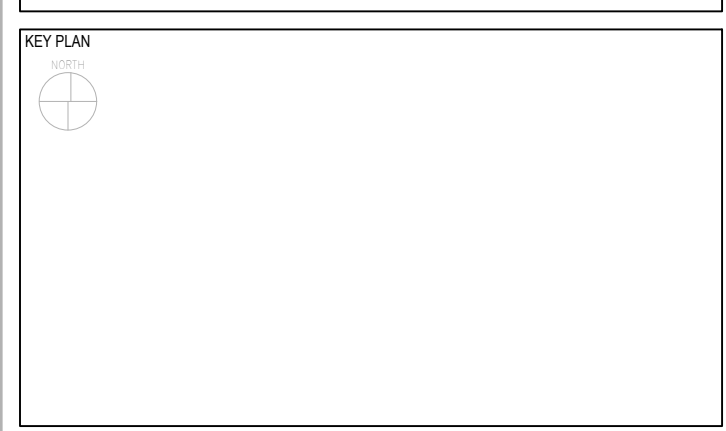
- ON-SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALE, LARGER SCALE OVER SMALLER SCALE, ADDENDA AND CLARIFICATIONS OVER PREVIOUS DOCUMENTS.
- CONTRACTOR TO LAY OUT HARDSCAPE ELEMENTS AND VERIFY LAYOUT WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. HARDSCAPE ELEMENTS ARE DIMENSIONED ON THE LANDSCAPE LAYOUT PLAN. ANY DISCREPANCIES OR CONFLICTS WITH EXISTING CONDITIONS OR OTHER DRAWINGS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY FOR PROPER CLARIFICATION OR ADJUSTMENT.
- FOR DIMENSIONS OF EXISTING BUILDINGS, PROPOSED BUILDING IMPROVEMENTS, AND RELATED WORK, REFER TO THE ARCHITECTURAL AND/OR CIVIL DRAWINGS.
- INSTALL INTERSECTING ELEMENTS AT 90 DEGREE ANGLES TO EACH OTHER UNLESS OTHERWISE NOTED.
- "SAND BACKFILL" IS NOT PERMITTED. LIMESTONE SCREENINGS, CRUSHER RUN, RECYCLED PC CONCRETE OR OTHER APPROVED AGGREGATE SHALL BE USED AS BACKFILL MATERIAL. THE MATERIAL SHALL BE DAMPENED AND HAND TAMPED IN LIFTS NOT EXCEEDING FOUR (4) INCHES IN DEPTH. ANY REFERENCE TO "SAND BACKFILL" CONTAINED IN THESE PLANS AND/OR SPECIFICATIONS IS REPLACED BY THIS REQUIREMENT. UNLESS OTHERWISE PROVIDED, INCLUDE COST IN THE PRICE BID FOR OTHER ITEMS OF WORK.

**PLANTING NOTES**

- BY USE OF THESE DRAWINGS BEARING THE SEAL AND SIGNATURE OF THE LANDSCAPE ARCHITECT, FOR ANY REASON, THE USER ACKNOWLEDGES AND ACCEPTS THE FOLLOWING:
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH UNDERGROUND UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED TO DAMAGE OF SAID UTILITIES OR STRUCTURES IF PROPER VERIFICATION BY CONTRACTOR WAS NOT PERFORMED.
  - DO NOT WILLFULLY PROCEED WITH PLANTING OPERATIONS AS DESIGNED WHEN IT IS OBVIOUS THAT OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT WERE NOT KNOWN DURING THE DESIGN PROCESS. SUCH CONDITIONS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER AND LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ALL NECESSARY CHANGES DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
  - ANY DISCREPANCIES BETWEEN THE NOTES AND PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR RESOLUTION.
  - IF CONFLICTS ARISE BETWEEN THE ACTUAL SIZE OF THE AREAS ON SITE AND THE DRAWINGS THE CONTRACTOR SHALL CONTACT THE OWNER'S AUTHORIZED REPRESENTATIVE FOR RESOLUTION. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
  - AFTER FINISH GRADES HAVE BEEN ESTABLISHED FOR ALL ON-GRADE PLANTING AREAS, THE CONTRACTOR SHALL HAVE SOIL SAMPLES TESTED BY A QUALIFIED SOILS TESTING LABORATORY FOR SOIL FERTILITY, AGRICULTURAL SUITABILITY, AND SOIL PREPARATION RECOMMENDATIONS. THE CONTRACTOR MAY BE REQUESTED TO AMEND THE SOIL TO CONFORM TO THE RECOMMENDATIONS, HOWEVER, ANY AMENDMENT THAT MIGHT BE REQUESTED OF THE CONTRACTOR SHALL ONLY BE UPON RECEIPT OF WRITTEN CHANGE ORDER FROM OWNER.
  - REFER TO DRAWINGS FOR PLANTING REQUIREMENTS, MATERIALS, AND EXECUTION. MULCH SHALL BE CEDAR.
  - ALL TREES SHALL BE TAGGED BY THE LANDSCAPE ARCHITECT.

- FINAL LOCATION OF ALL PLANT MATERIAL SHALL BE SUBJECT TO THE REVIEW AND APPROVAL OF THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL COMPLETE THE FOLLOWING TASKS BEFORE BEGINNING PLANTING OPERATIONS:  
  
SHRUBS- LAYOUT CONTAINER LOCATIONS FOR APPROVAL BY LANDSCAPE ARCHITECT ON-SITE PRIOR TO DIGGING HOLES FOR PLANTING.  
  
TREES- STAKE ALL TREE LOCATIONS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO DIGGING HOLES FOR PLANTING. ANY TREE PLANTED WITHOUT ITS FINAL LOCATION APPROVED BY THE LANDSCAPE ARCHITECT IS SUBJECT TO RELOCATION AT THE SOLE EXPENSE OF THE CONTRACTOR. ENSURE PROPER COORDINATION OF ALL FOOTINGS, SUB-STRUCTURE AND UTILITIES.  
  
ELECTRICAL- STAKE THE LOCATIONS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. REVIEW WITH PROPOSED TREE STAKING MENTIONED ABOVE. ANY SITE LIGHTING INSTALLED WITHOUT ITS FINAL LOCATION APPROVED BY THE LANDSCAPE ARCHITECT IS SUBJECT TO RELOCATION AT THE SOLE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL ALWAYS ASSUME THE SMALLER SIZE OF EACH PLANT WHEN A RANGE IS GIVEN CONCERNING SPACING, I.E. PLANT TYPE IS 12" TO 18" WIDE. THE CONTRACTOR SHALL USE 12" (THE SMALLER SIZE) TO ESTIMATE PLANTS REQUIRED TO FILL A GIVEN AREA.
- SPECIAL WARRANTY: WARRANT THE FOLLOWING PLANTS. FOR THE WARRANTY PERIOD INDICATED, AGAINST DEFECTS AND/OR LOSS RESULTING FROM MATERIALS AND EXECUTION INCLUDING DEATH AND UNSATISFACTORY GERMINATION/GROWTH, BUT EXCLUDING DAMAGE AND/OR LOSS RESULTING FROM MAINTENANCE, NEGLIGENCE, ABUSE, VANDALISM, THEFT BY OTHERS AND/OR UNSEASONAL SEVERE WEATHER CONDITIONS.
- WARRANTY PERIOD FOR TURF, GRASSES, SHRUBS TREES AND ALL VEGETATION: TWELVE MONTHS FROM DATE OF SUBSTANTIAL COMPLETION.
- WARRANTY REPLACEMENTS: REMOVE DEAD AND/OR DEFECTIVE PLANTS IMMEDIATELY AND REPLACE WITHIN THIRTY DAYS WHEN WEATHER CONDITIONS PERMIT BUT BEFORE FINAL COMPLETION. MATCH SIZE AND SPECIES OF ADJACENT PLANTS. REINSTATE THE WARRANTY FOR THE CORRECTED WORK FROM DATE WHEN THE CORRECTION IS COMPLETED.

**CHEROKEE NATION, OKLAHOMA**

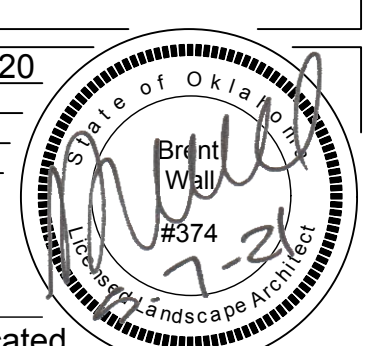


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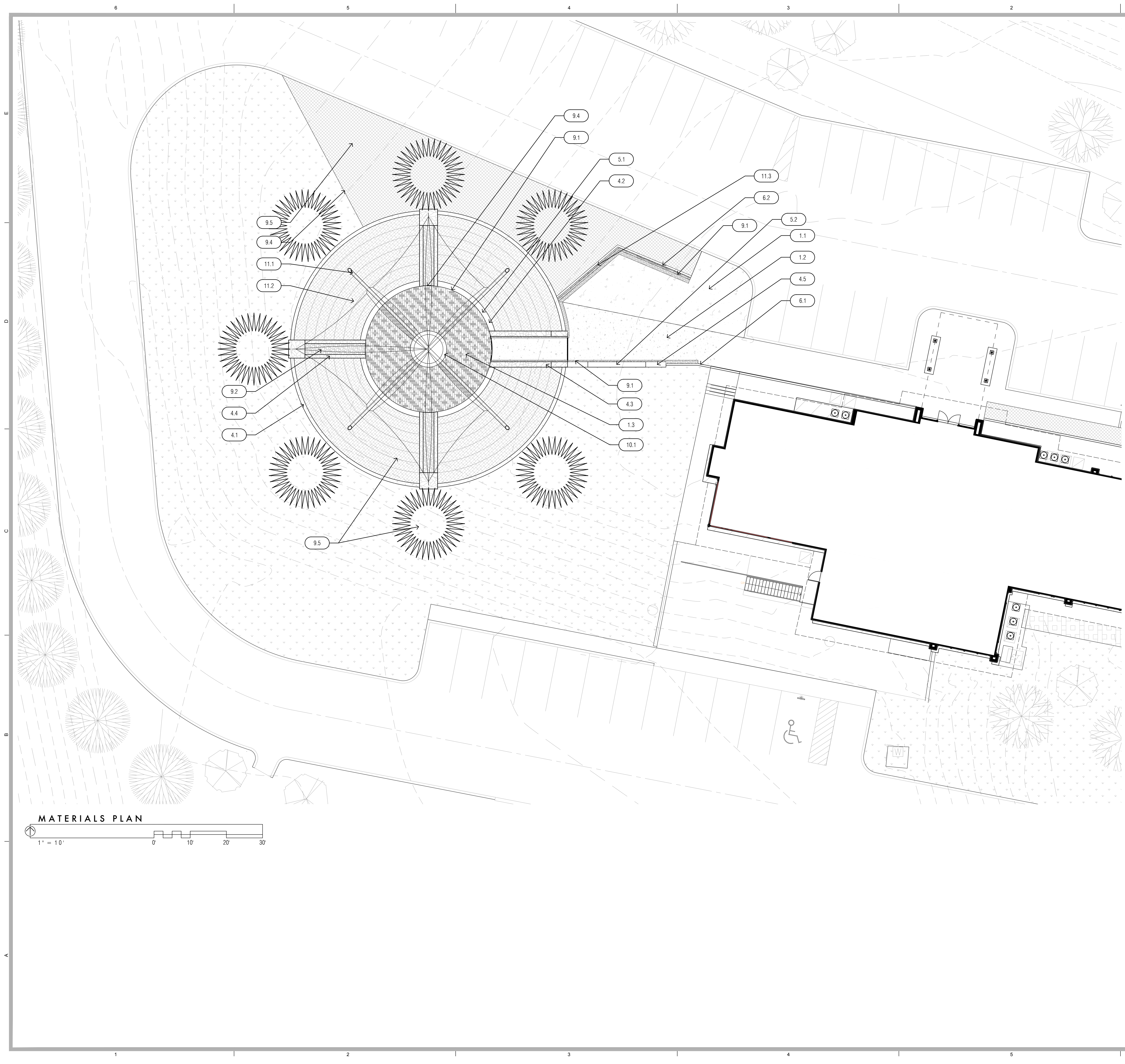
**SITE PLAN AND GENERAL NOTES**

05/07/21 100% CD SET

PROJECT NO: 111-049-20  
DRAWN BY: JCL  
CHECKED BY: BW  
ISSUE DATE: 5/7/2021



**L0.01**  
Scale As indicated  
CA# 02418



### MATERIALS SCHEDULE

NO.	DESCRIPTION	MANUFACTURER
1.0	PAVEMENTS	
1.1	Portland Grey Concrete, Finish: Broom	
1.2	Integrated Color Concrete, Color: Mesa Bluff, Finish: Rock Salt	Davis Colors
1.3	Industria Granitex Pavers, Colors:Beige Cream, Chestnut Brown, Onyx Black, Pattern: Custom	Techo Bloc
2.0	JOINTING - NOT USED AT THIS TIME	
3.0	STEPS - NOT USED AT THIS TIME	
4.0	SITE WALLS	
4.1	Concrete Retaining Wall, 7'-0" H x 0'-12" D x 215'-3.75' L, Integrated Color: Mesa Bluff, Formliner: Custom Spiral	Davis Colors, Creative Formliners
4.2	Concrete Retaining Wall, 1'-3" H x 1'-6" D x 84'-9.5' L, Integrated Color: Mesa Bluff	Davis Colors
4.3	Concrete Retaining Wall w. Stone Facing to Match Existing Building, 1'-6" D, Height: 7'-6" max, 18" min	
4.4	Concrete Retaining Wall w. Stone Facing to Match Existing Building, 1'-0" D Height: 7'-6" max, 18" min	
4.5	Concrete Seat Wall w. Stone Facing to Match Existing Building, 1'-3" H x 1'-0" D	
5.0	SITE FURNISHINGS - BY OWNER	
5.1	Radius Bench Seat, Mount: Wall	By Owner
5.2	Straight Bench Seat, Mount: Wall	By Owner
6.0	RAILINGS, BARRIERS, AND FENCING	
6.1	Cedar Screen	Re: Architecture
6.2	Cedar Screen, Height: 7'	Re: Architecture
7.0	SITE LIGHTING - NOT USED AT THIS TIME	
8.0	DRAINAGE	
8.1	4" Perforated Drain Line	
8.2	Solid Wall PVC Sch. 40	
9.0	LANDSCAPE	
9.1	Aztec Stone, Size: 5/8"-7/8", Depth: 2"	
9.2	Aztec Stone, Size: 2"-3", Depth: 6"	
9.4	Steel Edging, 1/4"x6", weld seams, weld #3 rebar stakes 18" at 18" on center	
9.5	Plantings Re: Planting Plan	
10.0	SPA AND WATER FEATURES	
10.1	Fountain, 18" H x 10' D	Custom
11.0	MISC. SITE FEATURES	
11.1	Wood Poles with steel base and center anchors	American Pole & Timber, Custom
11.2	Shade Nets	InCord
11.3	CHPL Panels w. Z-Brackets, Size: 36"x48", Qty: 5, Content Design by Owner	Fossil Graphics



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**VINITA CULTURAL DEVELOPMENT CENTER**

**PROJECT**  
CHEROKEE NATION,  
OKLAHOMA

**KEY PLAN**

No.	Description	Date

**SHEET TITLE**  
MATERIALS PLAN  
05/07/21 100% CD SET

PROJECT NO. 111-049.20  
OWNER: JCL  
CHECKED BY: BW  
ISSUE DATE: 5/7/2021

**L3.01**  
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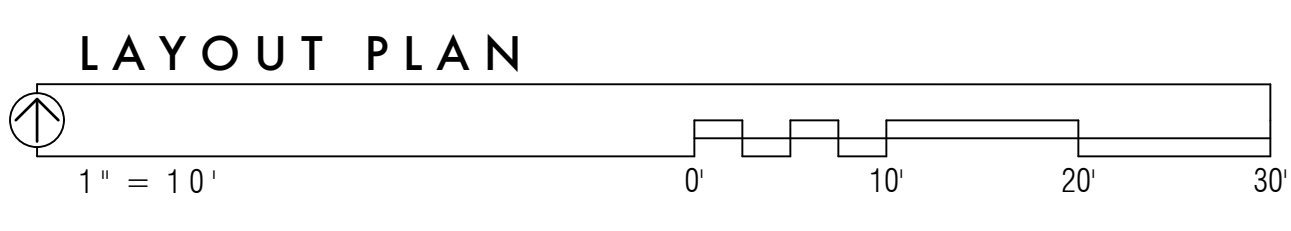
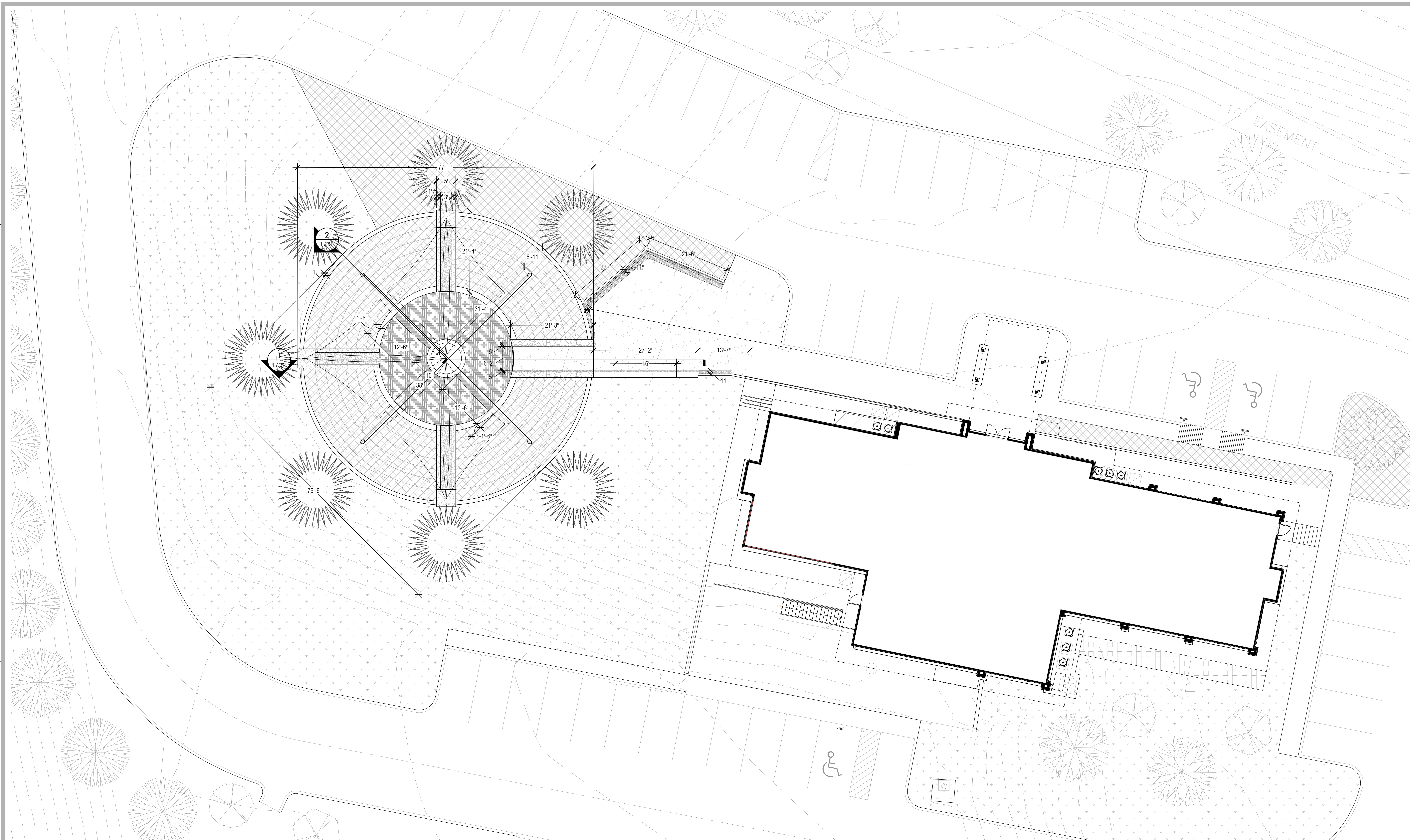
PROJECT  
**CHEROKEE NATION,  
OKLAHOMA**



No.	Description	Date

SHEET TITLE  
**LAYOUT PLAN**  
05/07/21 100% CD SET

PROJECT NO. 111-049.20  
OWNER: CNI  
DRAWN BY: BW  
ISSUE DATE: 5/7/2021  
**L4.01**  
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VINITA CULTURAL DEVELOPMENT CENTER

PROJECT  
**CHEROKEE NATION,  
OKLAHOMA**

KEY PLAN



No.	Description	Date

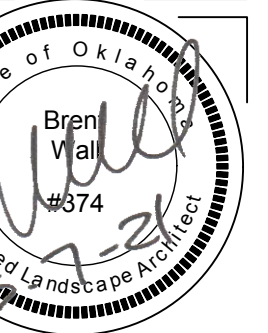
**MATERIALS PLAN**

05/07/21 100% CD SET

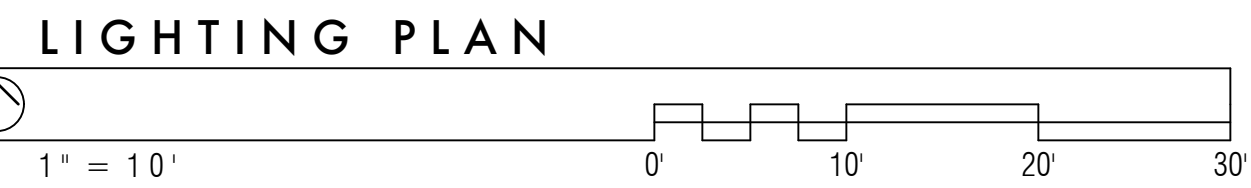
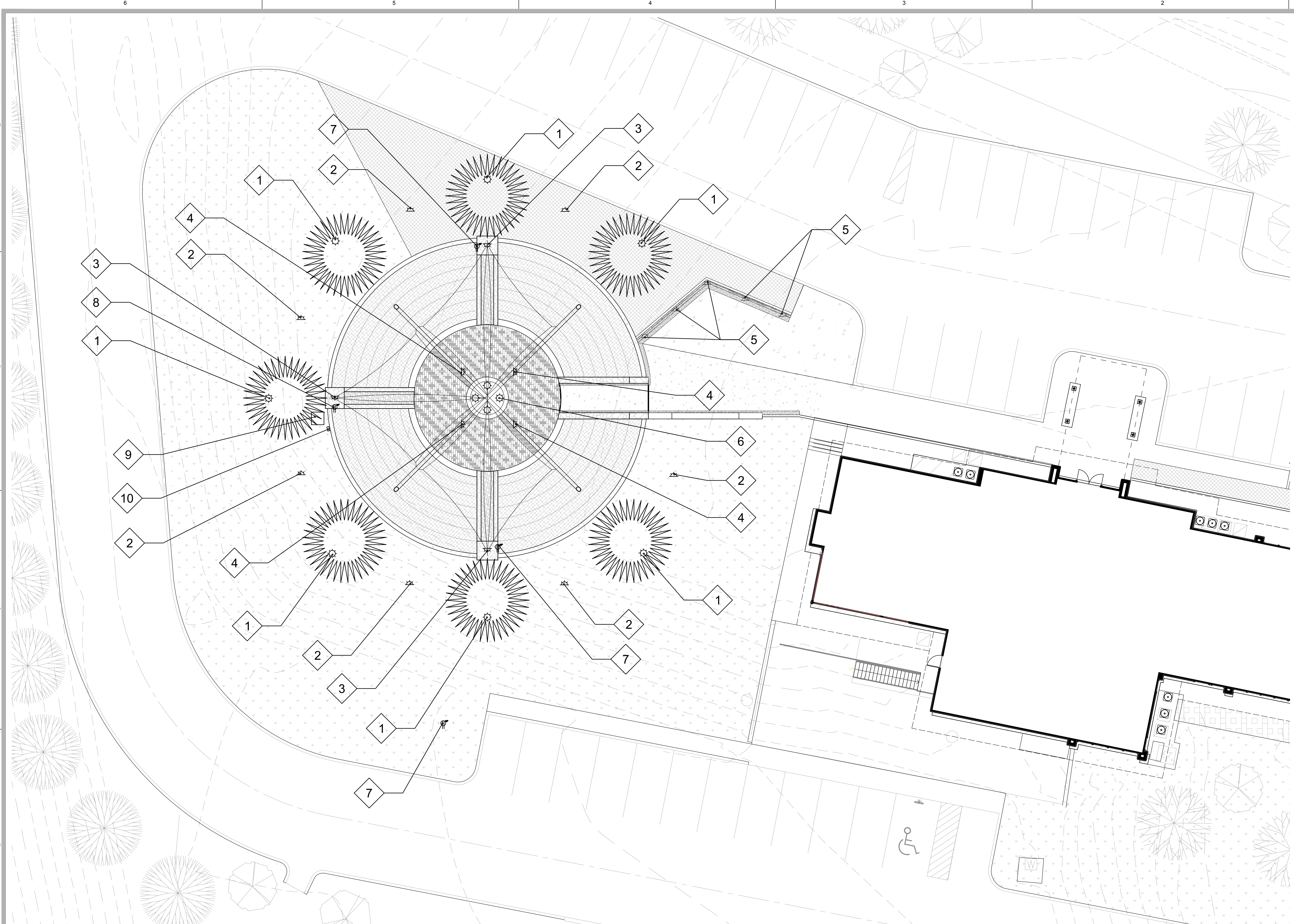
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CHECKED BY: BW  
ISSUE DATE: 5/7/2021

**L6.01**

Scale As indicated



CA# 02418



**LIGHTING SCHEDULE**

	SITE LIGHTING	MANUFACTURER	DETAIL
1	Tree Up Light		
2	Landscape Flood Light		
3	Ceiling Accent Light		
4	Directional Art Light		
5	LED In Ground Light		
6	Submersible Water Feature Light		
7	Duplex Outlet		
8	Quadplex Outlet		
9	Water Feature Pump		
10	Low Voltage Transformer		

**LIGHTING NOTES**

- CONTRACTOR TO SUPPLY ALL WIRE, CONDUIT, TIMERS, AND APPURTENANCES RELATED TO ELECTRICAL ROUGH IN AND FINISHING.
- ALL LIGHT LOCATIONS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CONDITIONS.
- CONTRACTOR SHALL UTILIZE A LICENSED ELECTRICIAN WHERE NEEDED TO SUPPLY POWER TO OUTDOOR OUTLETS AND LIGHTING POWER SUPPLY.
- REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION



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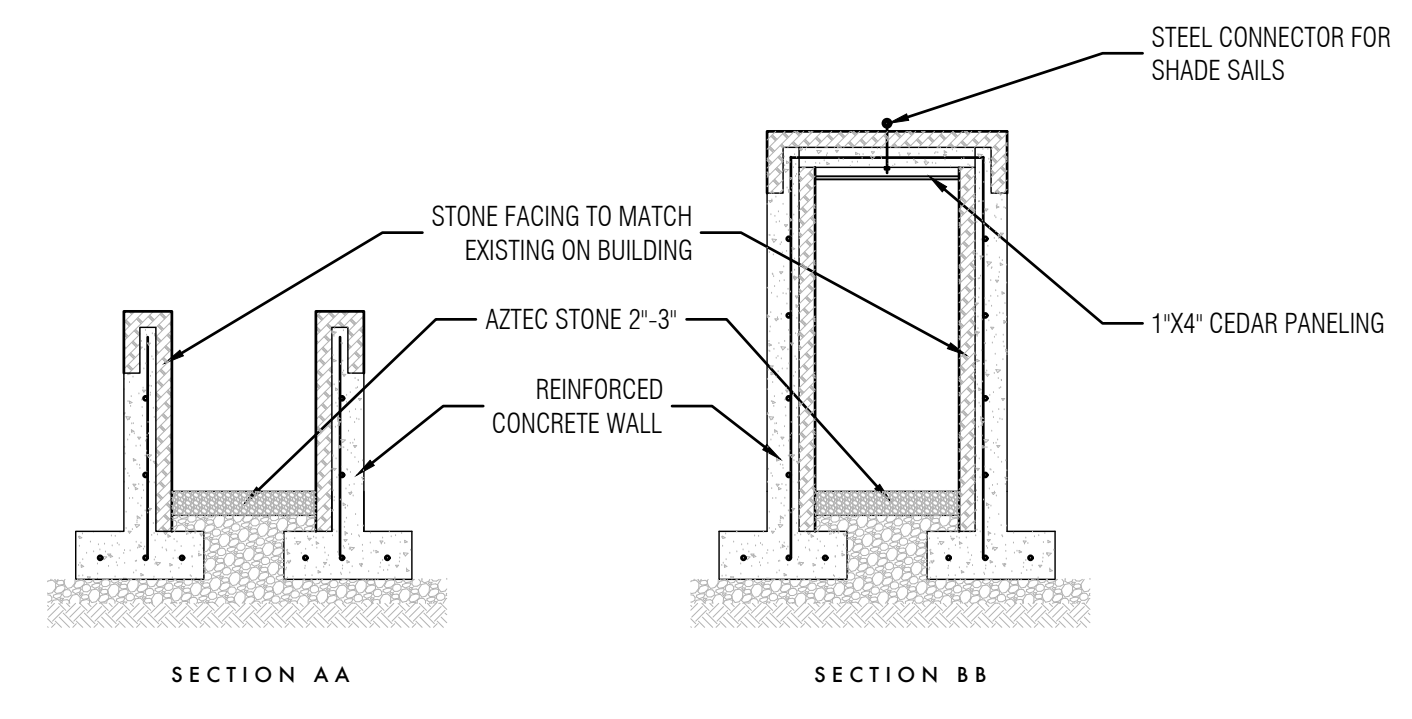
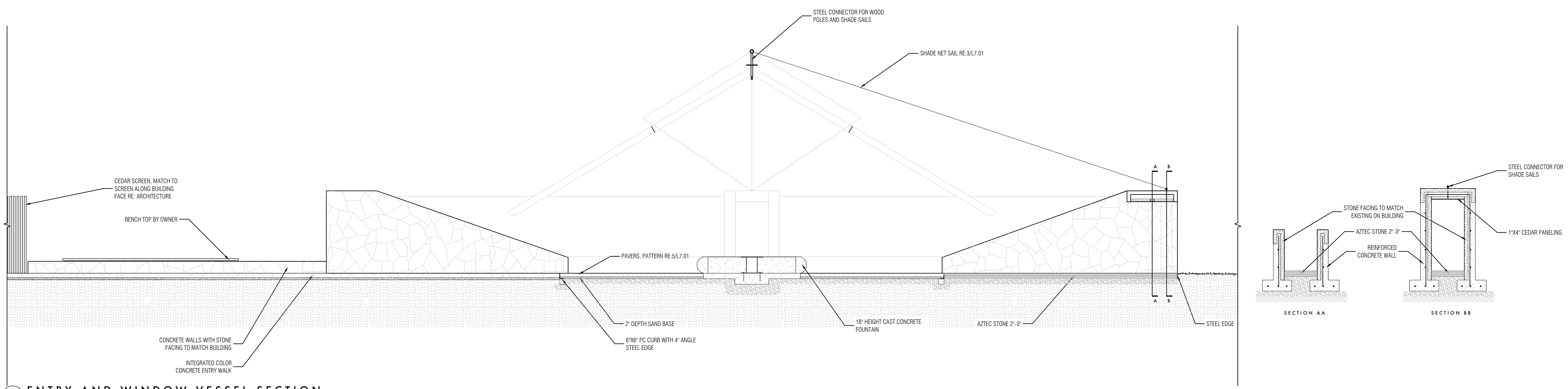
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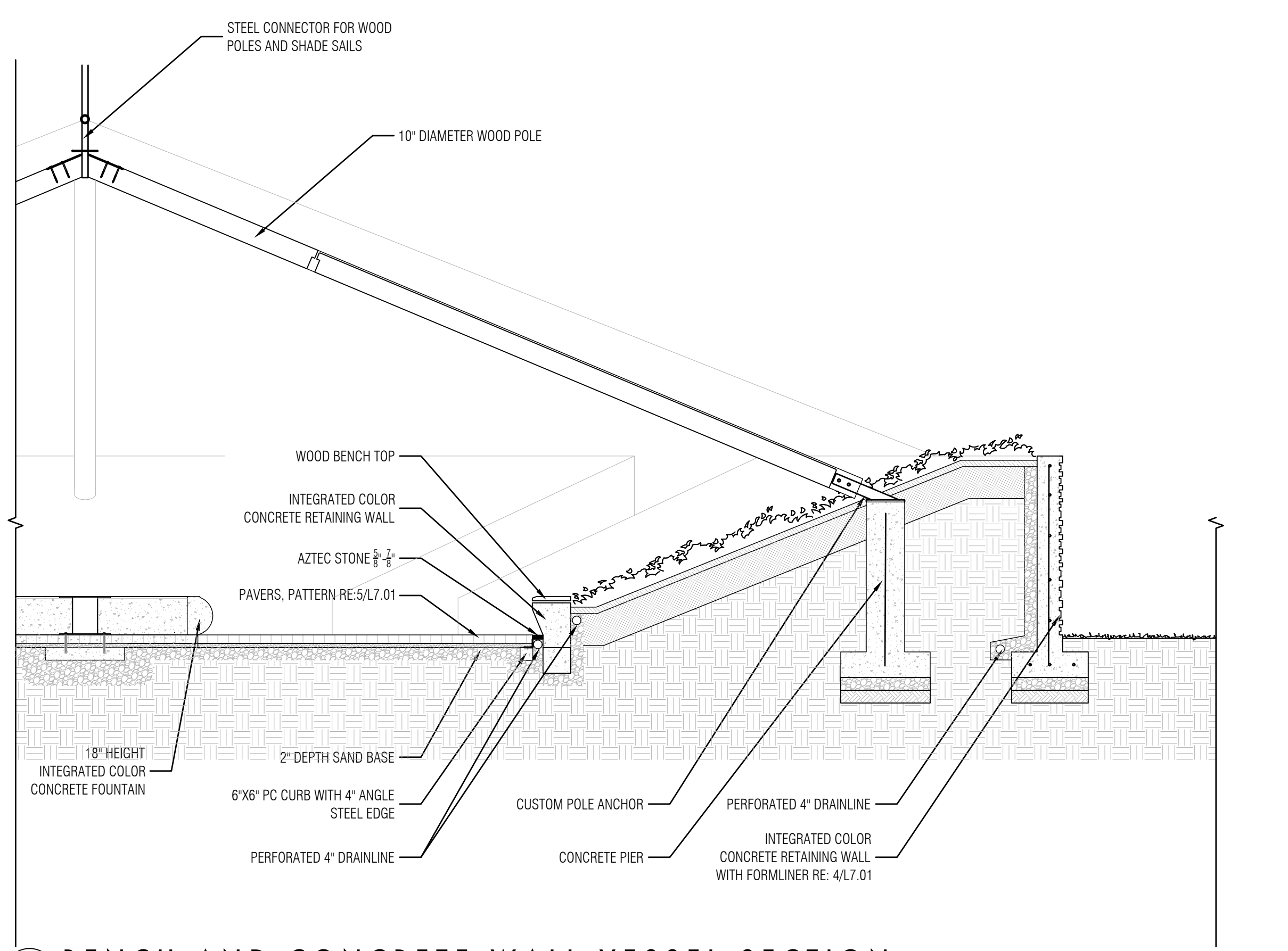
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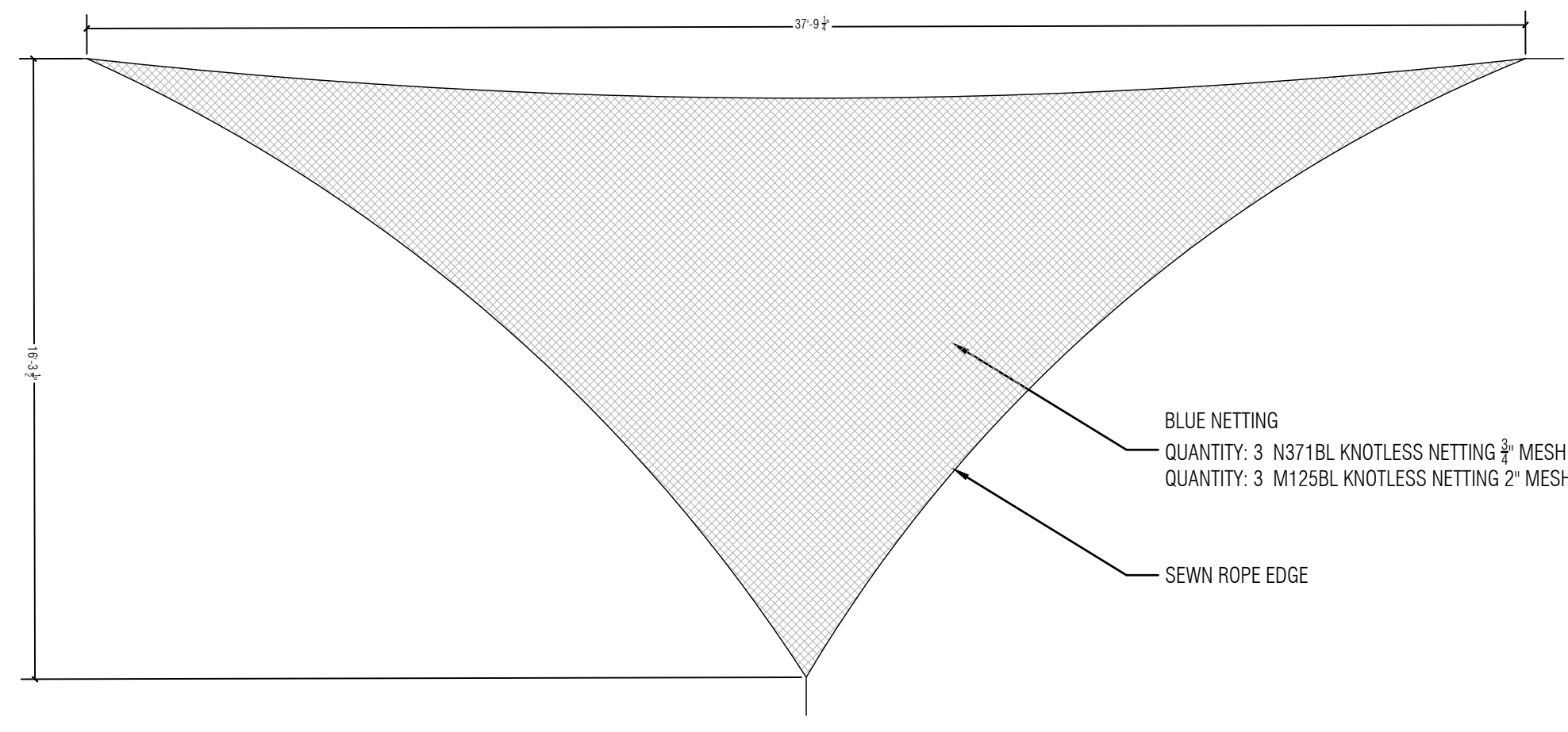
VINITA CULTURAL DEVELOPMENT CENTER



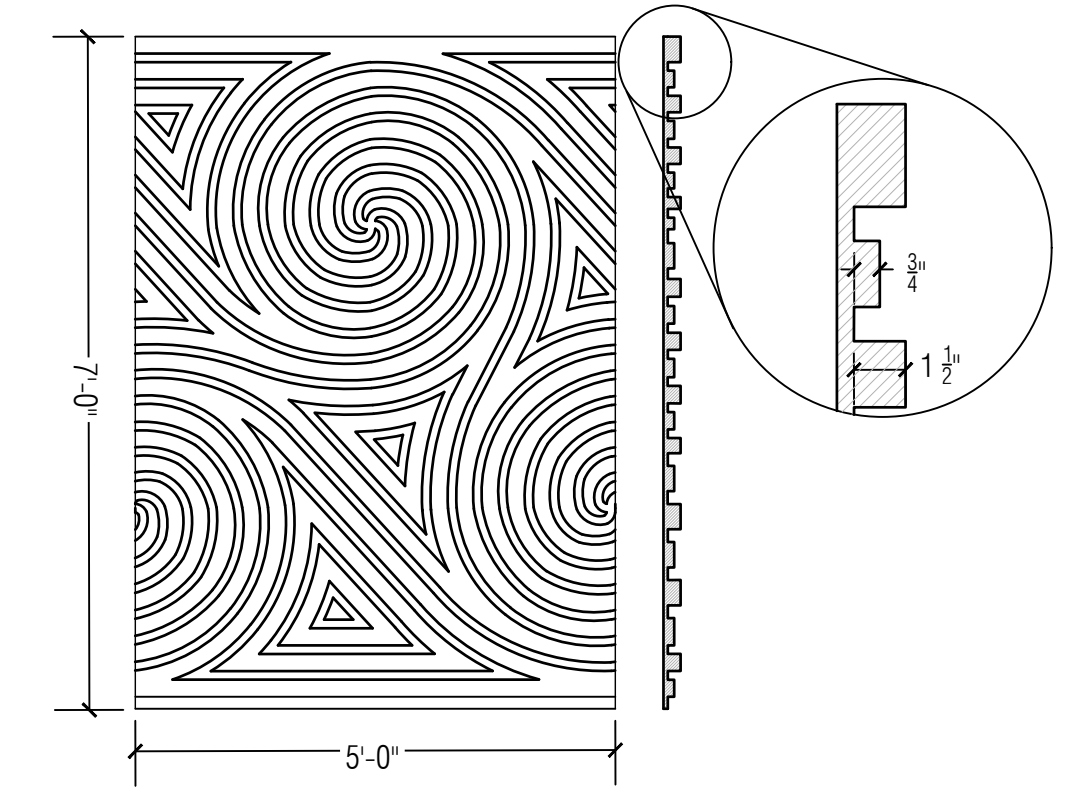
**1 ENTRY AND WINDOW VESSEL SECTION**  
1/4" = 1'



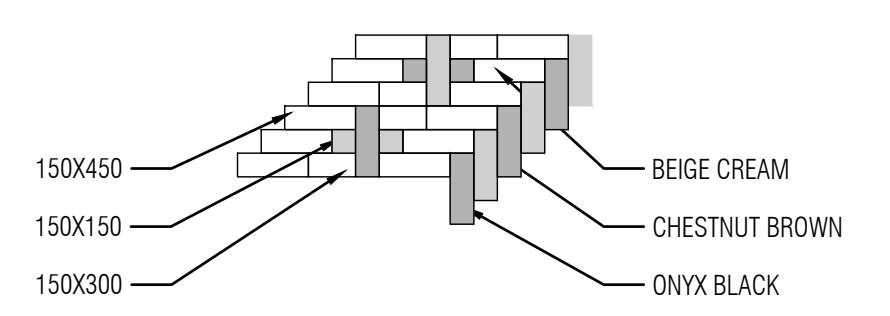
**2 BENCH AND CONCRETE WALL VESSEL SECTION**  
1/4" = 1'



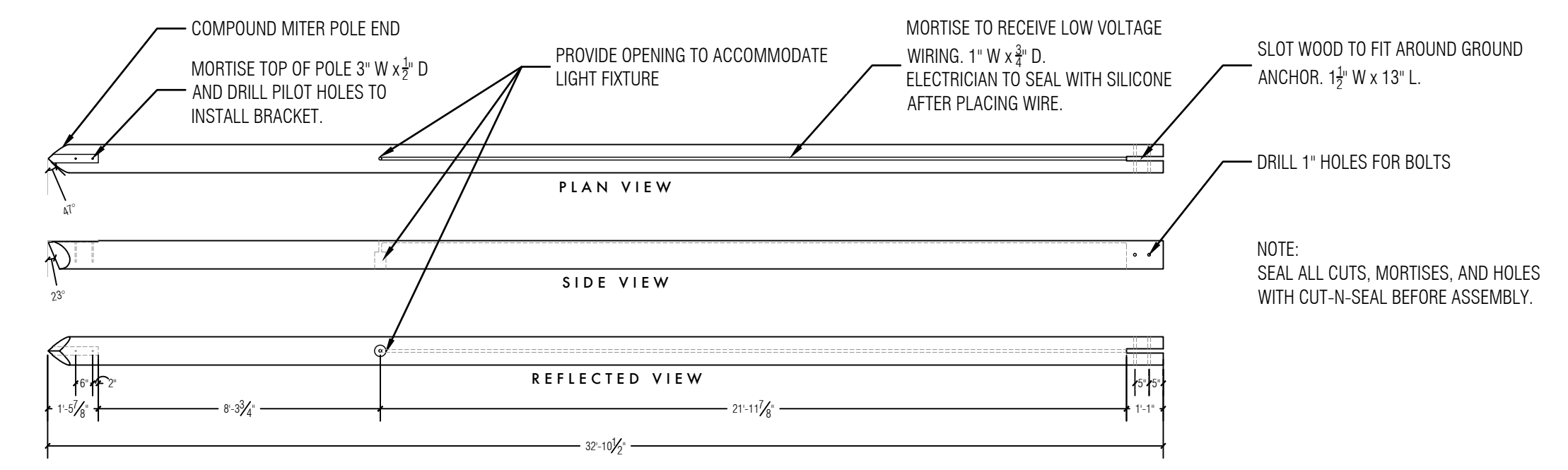
**3 NET SAILS**  
1/4" = 1'



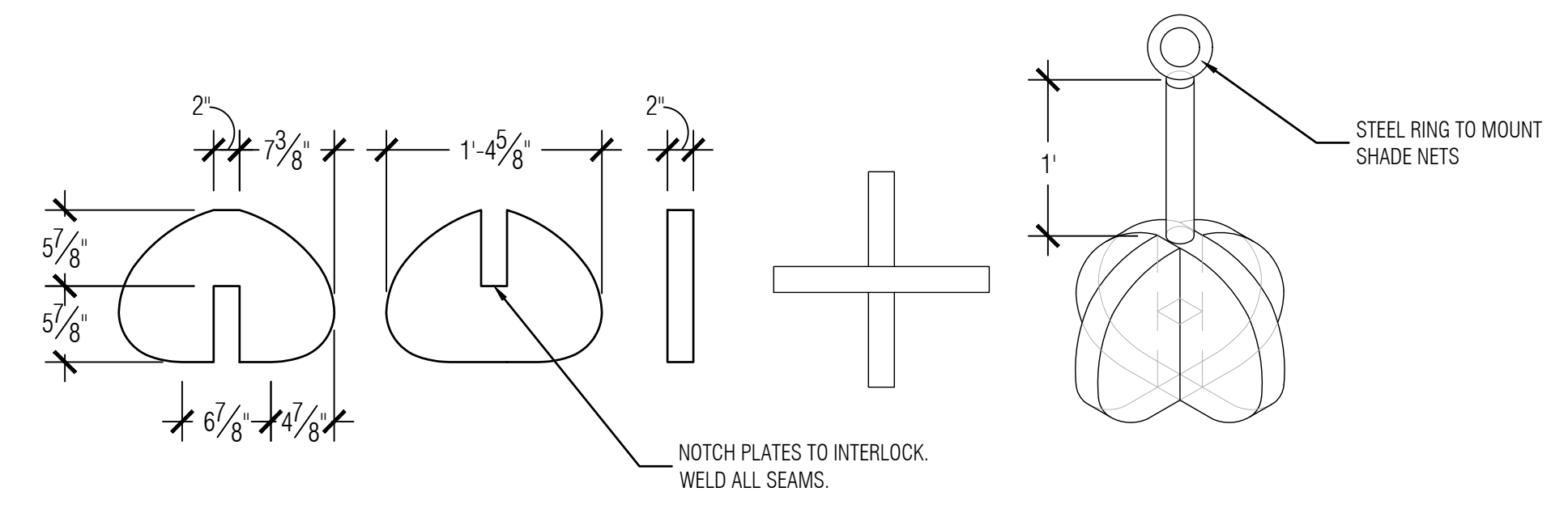
**4 FORMLINER PATTERN**  
1/2" = 1'



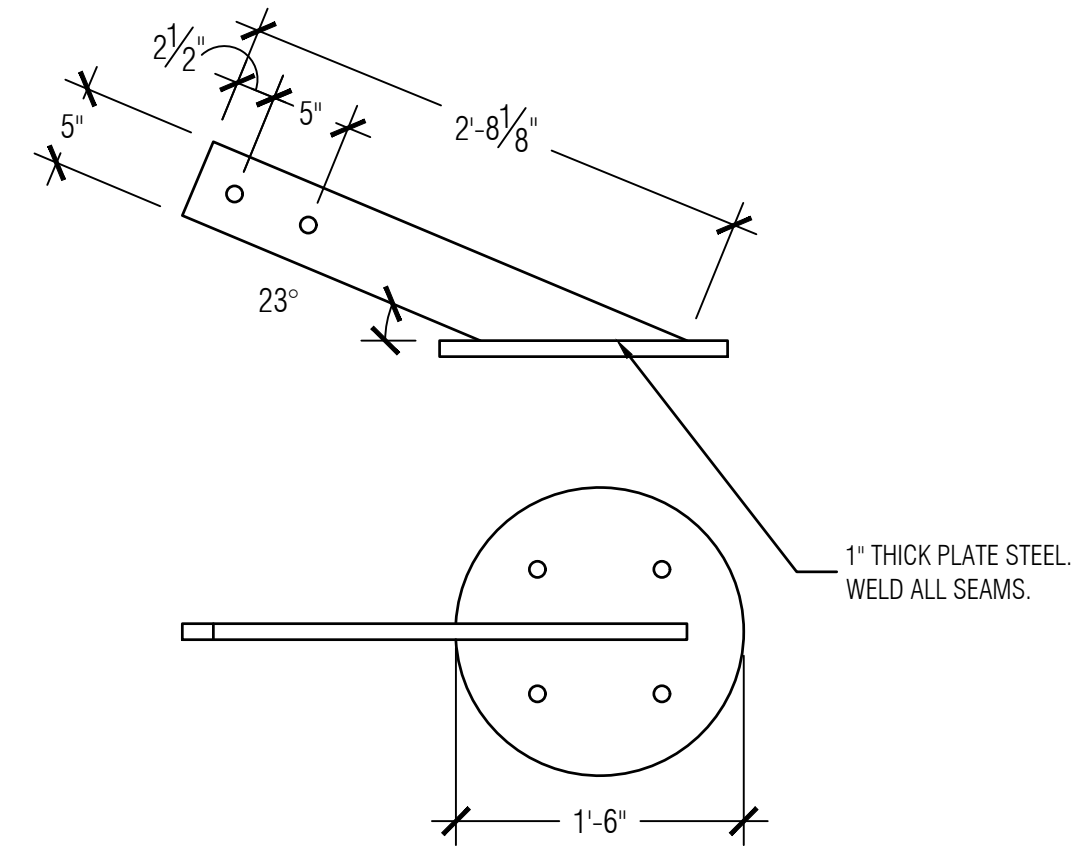
**5 PAVER PATTERN**  
1/4" = 1'



**6 WOOD POLES**  
1/4" = 1'



**7 CENTER ANCHOR**  
1" = 1'



**8 END ANCHORS**  
1" = 1'

PROJECT: CHEROKEE NATION, OKLAHOMA

KEY PLAN

No.	Description	Date

DETAILS  
05/07/21 100% CD SET

PROJECT NO. 111-049.20  
DRAWN BY: JCL  
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ISSUE DATE: 5/7/2021  
**L7.01**  
Scale: As indicated  
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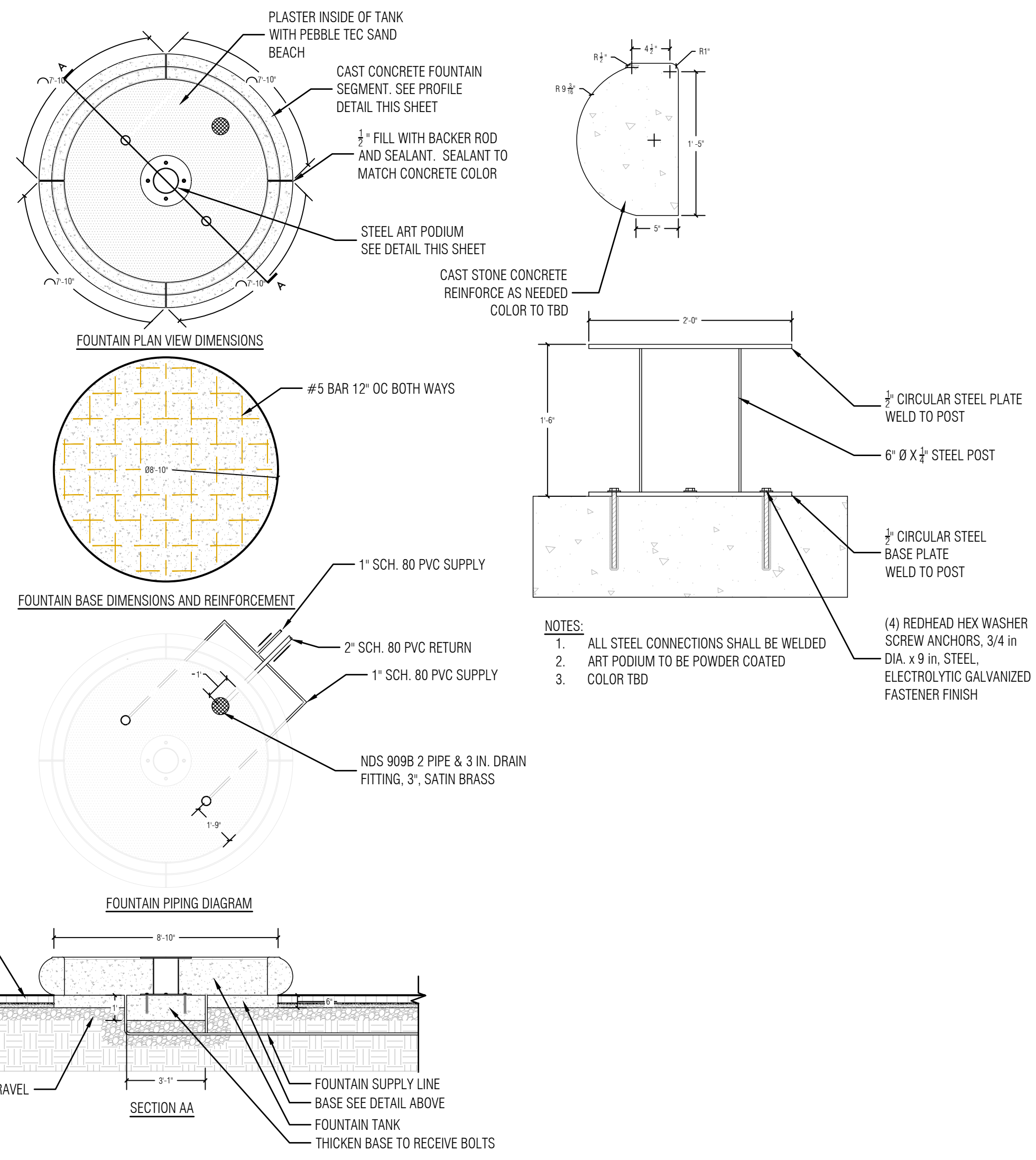
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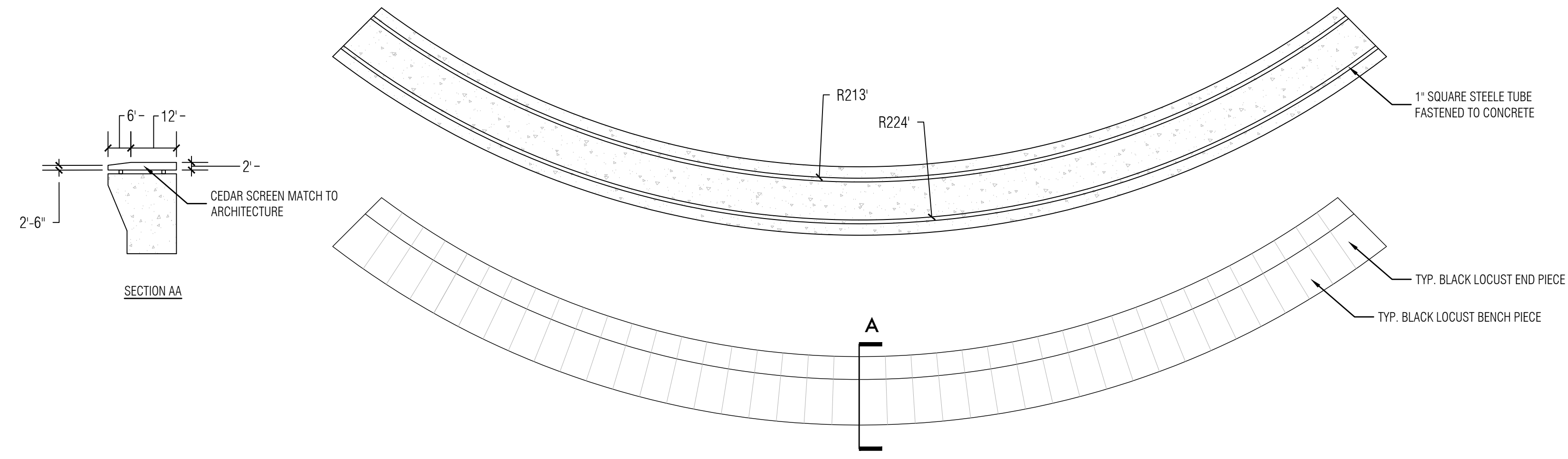
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VINITA CULTURAL DEVELOPMENT CENTER

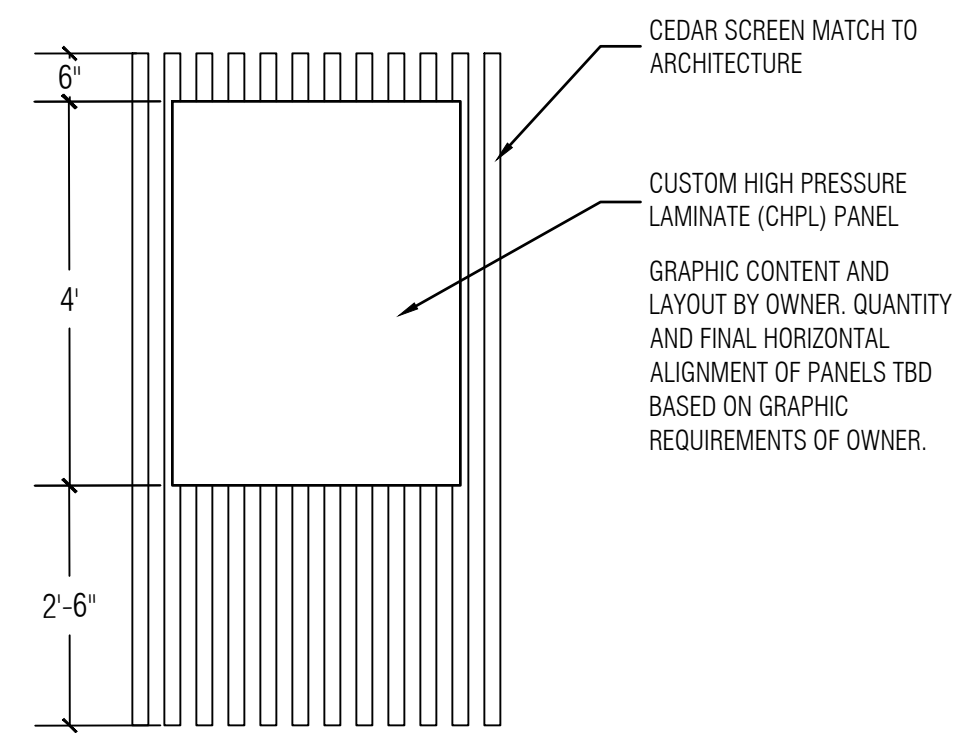


- NOTES:**
1. ALL STEEL CONNECTIONS SHALL BE WELDED
  2. ART PODIUM TO BE POWDER COATED
  3. COLOR TBD
- (4) REDHEAD HEX WASHER SCREW ANCHORS, 3/4 in DIA. x 9 in. STEEL, ELECTROLYTIC GALVANIZED FASTENER FINISH



**1 FOUNTAIN**  
1/4" = 1'

**2 BENCH TOP**  
1/2" = 1'



**3 CHPL STORY PANEL**  
1/2" = 1'

**CHEROKEE NATION, OKLAHOMA**

**KEY PLAN**

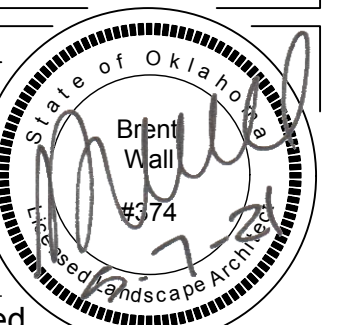


No.	Description	Date

**DETAILS**

05/07/21 100% CD SET

PROJECT NO. 111-049.20  
OWNER: JCL  
CHECKED BY: BW  
ISSUE DATE: 5/7/2021



**L7.02**  
Scale As indicated

CA# 02418



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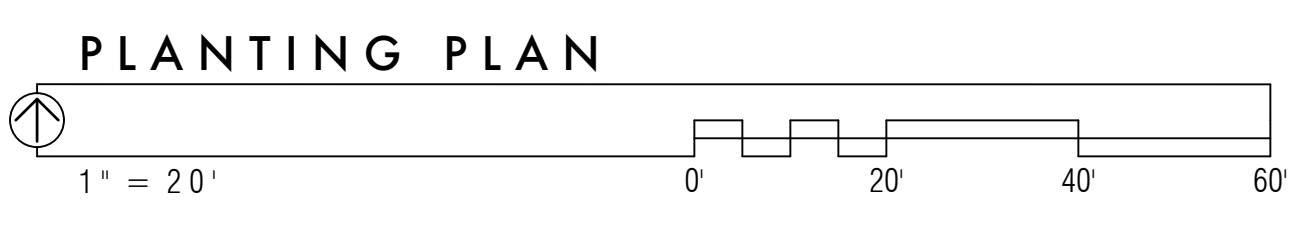
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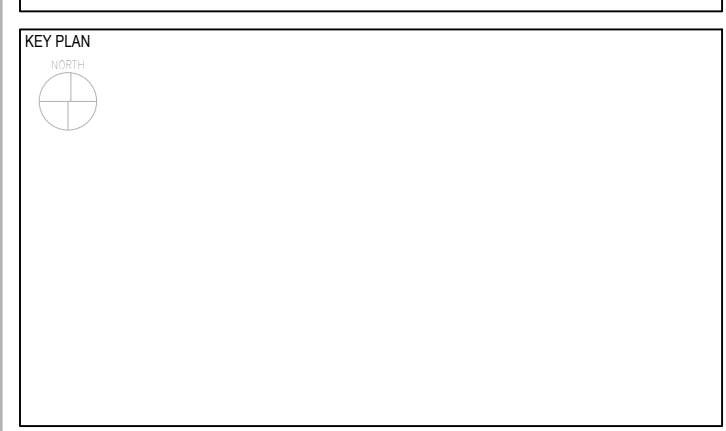
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- As Acer saccharum 'Caddo'
- Ca Cupressus arizonica
- Cf Cornus florida
- Iv Ilex vomitoria
- Pt Pinus taeda
- Qs Quercus shumardii
- Rp Robinia pseudoacacia

PROJECT  
**CHEROKEE NATION,  
OKLAHOMA**



No.	Description	Date

SHEET TITLE  
**PLANTING PLAN**  
05/07/21 100% CD SET

PROJECT NO. 111-049-20  
 DRAWN BY: JCL  
 CHECKED BY: BW  
 ISSUE DATE: 5/7/2021

**L9.01**  
 Scale As indicated

CA# 02418

# PLANT SCHEDULE

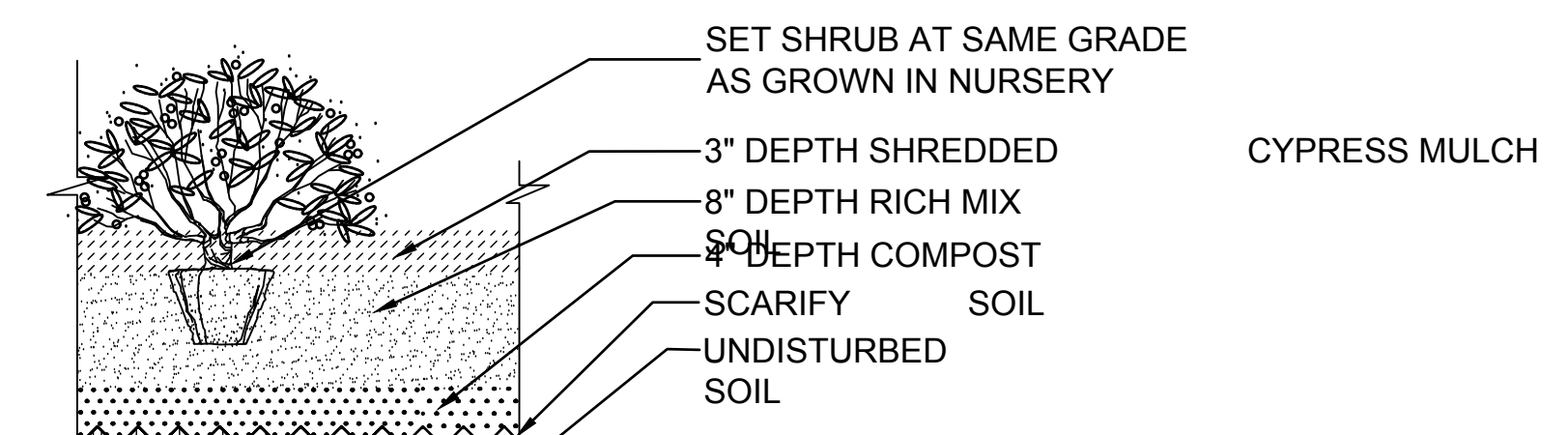
TREES AND SHRUBS							
QTY	SYMBOL	BOTANICAL NAME	COMMON NAME	SELECTION	SIZE	SPACING	NOTES
5	As	Acer saccharum 'Caddo'	Caddo Maple		2" cal	As Shown	
22	Ca	Cupressus arizonica	Arizona Cypress		2" cal	As Shown	
5	Cf	Cornus florida	Flowering Dogwood		7-8"H	As Shown	Multi Trunk
5	Iv	Ilex vomitoria	Yaupon Holly		7-8"H	As Shown	Multi Trunk
7	Pt	Pinus taeda	Loblolly Pine		5" cal	As Shown	
5	Qs	Quercus shumardii	Shumard Oak		2" cal	As Shown	
5	Rp	Robinia psuedocacia	Black Locust		2" cal	As Shown	

GROUNDCOVER 01 - 2,979 SF							
QTY	SYMBOL	BOTANICAL NAME	COMMON NAME	SELECTION	SIZE	SPACING	
20%	Ba	Baptisia australis	Blue Indigo		1 gallon	24"	
50%	Bg	Bouteloua gracilis	Blonde Ambition Grass	'Blonde Ambition'	1 gallon	18"	
30%	Ep	Echinacea purpurea	Purple Coneflower		1 gallon	18"	

GROUNDCOVER 02							
QTY	SYMBOL	BOTANICAL NAME	COMMON NAME	SELECTION	SIZE	SPACING	
1678	Ct	Carex tumulicola	Berkeley Sedge		4"	12"	
1678	Sh	Sporobolus heterolepis	Prairie Dropseed		4"	12"	

GROUNDCOVER 03 - 273 SF							
QTY	SYMBOL	BOTANICAL NAME	COMMON NAME	SELECTION	SIZE	SPACING	
25%	Ea	Euonymus americanus	Hearts a Bustin		1 gallon	24"	
50%	Ra	Rhus Aromatica 'Gro-Low'	Gro-Low Sumac	Gro-Low'	1 gallon	3'	
25%	Sc	Sambucus canadensis	Elderberry		1 gallon	4'	

GROUNDCOVER 04							
QTY	SYMBOL	BOTANICAL NAME	COMMON NAME	SELECTION	SIZE	SPACING	
17,554	SOD	Bouteloua dactyloides	Buffalo Grass		Sq Ft		
	SEED	Bouteloua dactyloides	Buffalo Grass		Sq Ft		Seed Disturbed Areas

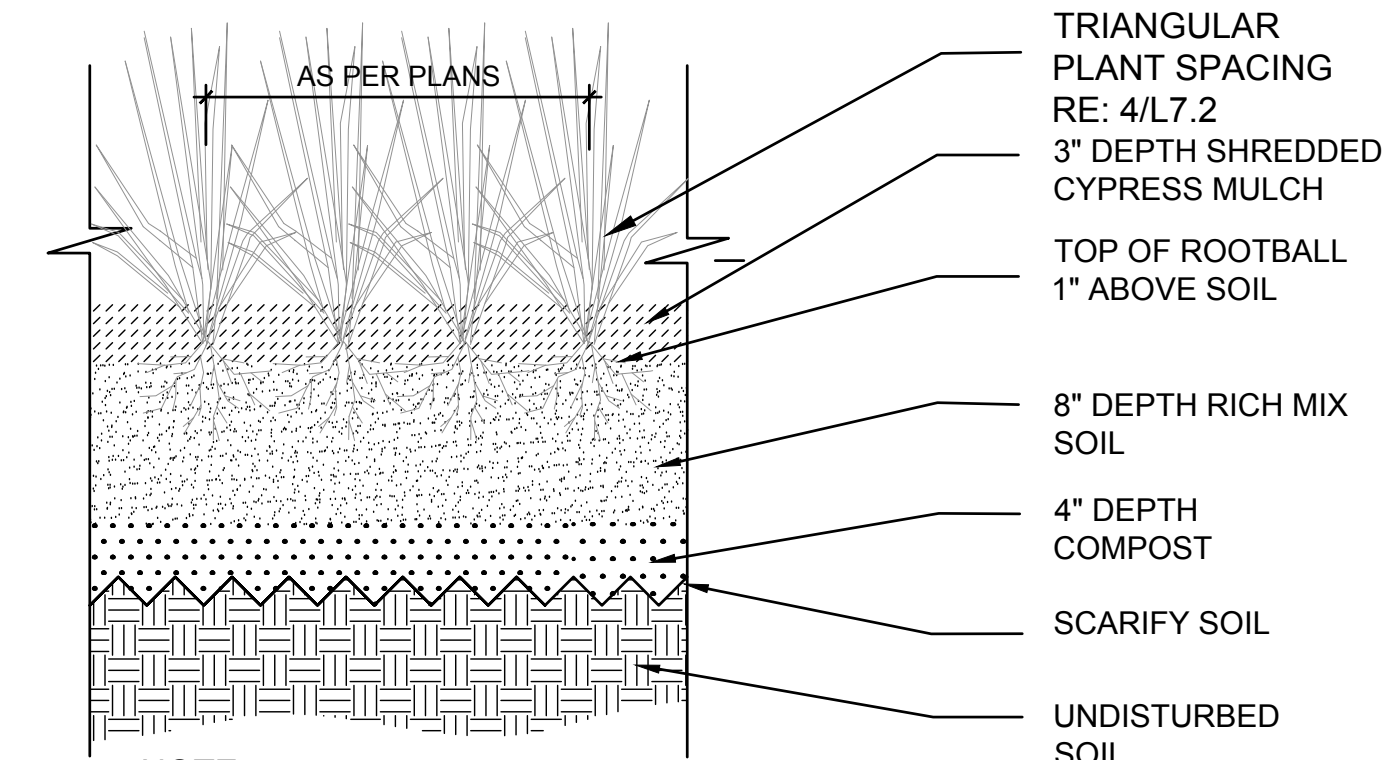


NOTE:  
 1) SCARIFY SOIL  
 2) PLACE 4" COMPOST AND TILL  
 3) PLACE RICH MIX SOIL AND COMPACT NO MORE THAN 75%

PRUNE ALL DAMAGED OR DEAD WOOD PRIOR TO PLANTING

## 1 SHRUB PLANTING

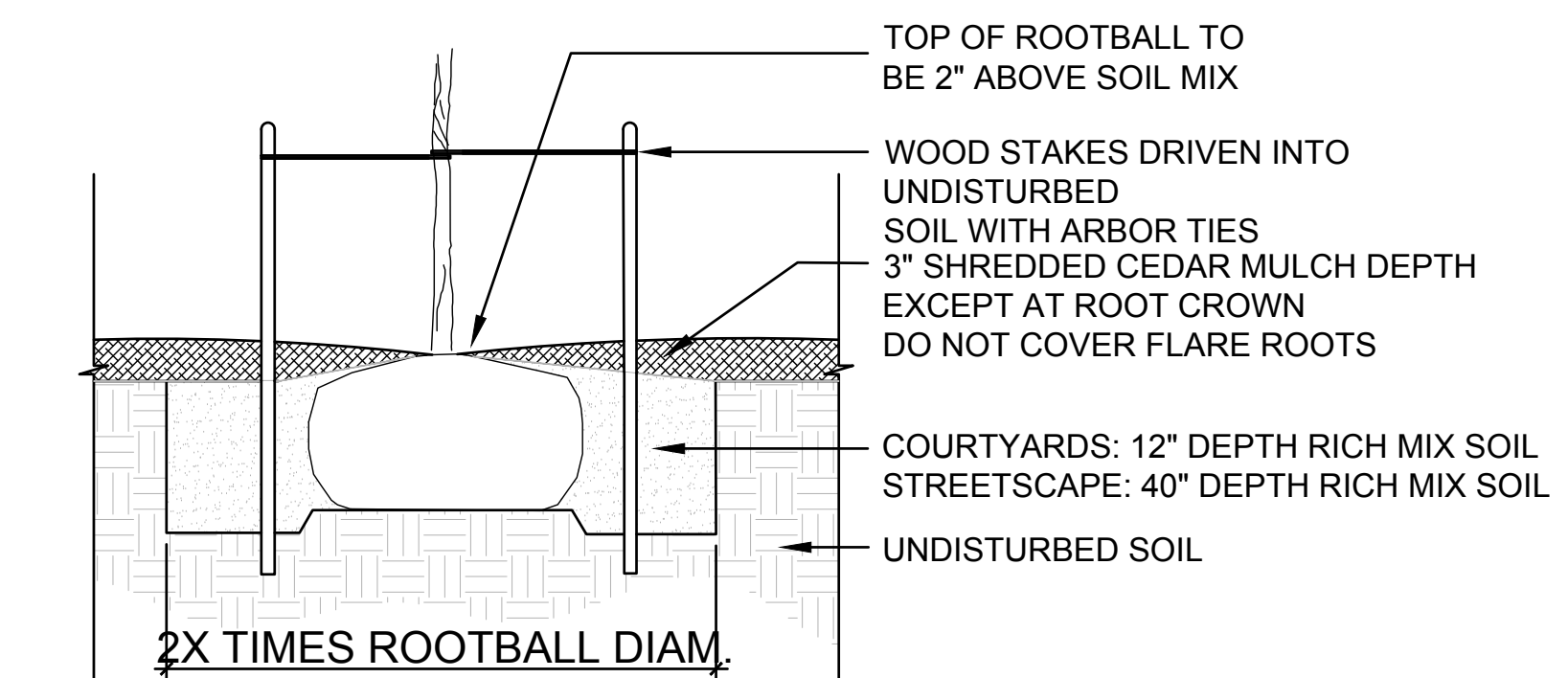
SCALE: AS SHOWN



NOTE:  
 1) SCARIFY SOIL  
 2) PLACE 4" COMPOST AND TILL  
 3) PLACE RICH MIX SOIL AND COMPACT NO MORE THAN 75%

## 2 GROUNDCOVER PLANTING

SCALE: AS SHOWN

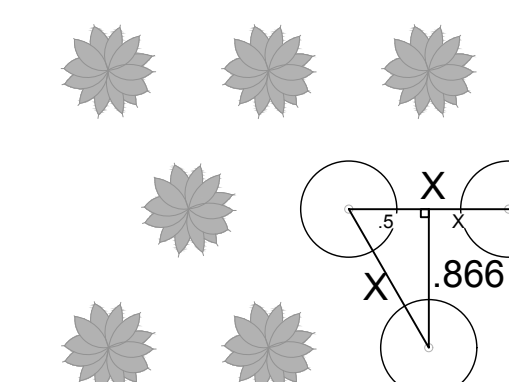


NOTE:  
 1) CUT TWINE & BURLAP FROM AROUND TRUNK. FOLD BURLAP TO EXPOSE TOP OF ROOTBALL. REMOVE ALL BASKETS IF PRESENT  
 2) PRUNE ALL DAMAGED OR DEAD WOOD PRIOR TO PLANTING  
 2) BUILD INVERTED WELL AS SHOWN

4) SATURATE AFTER PLANTING TO REMOVE AIR VOIDS  
 5) WOUND TRACE ALL INJURIES INCURRED DURING PLANTING  
 6) ALL TREES TO BE INSTALLED WITH A 20 GAL TREE WATERING BAG UNLESS TREE IS INCLUDED IN IRRIGATION PLANS.

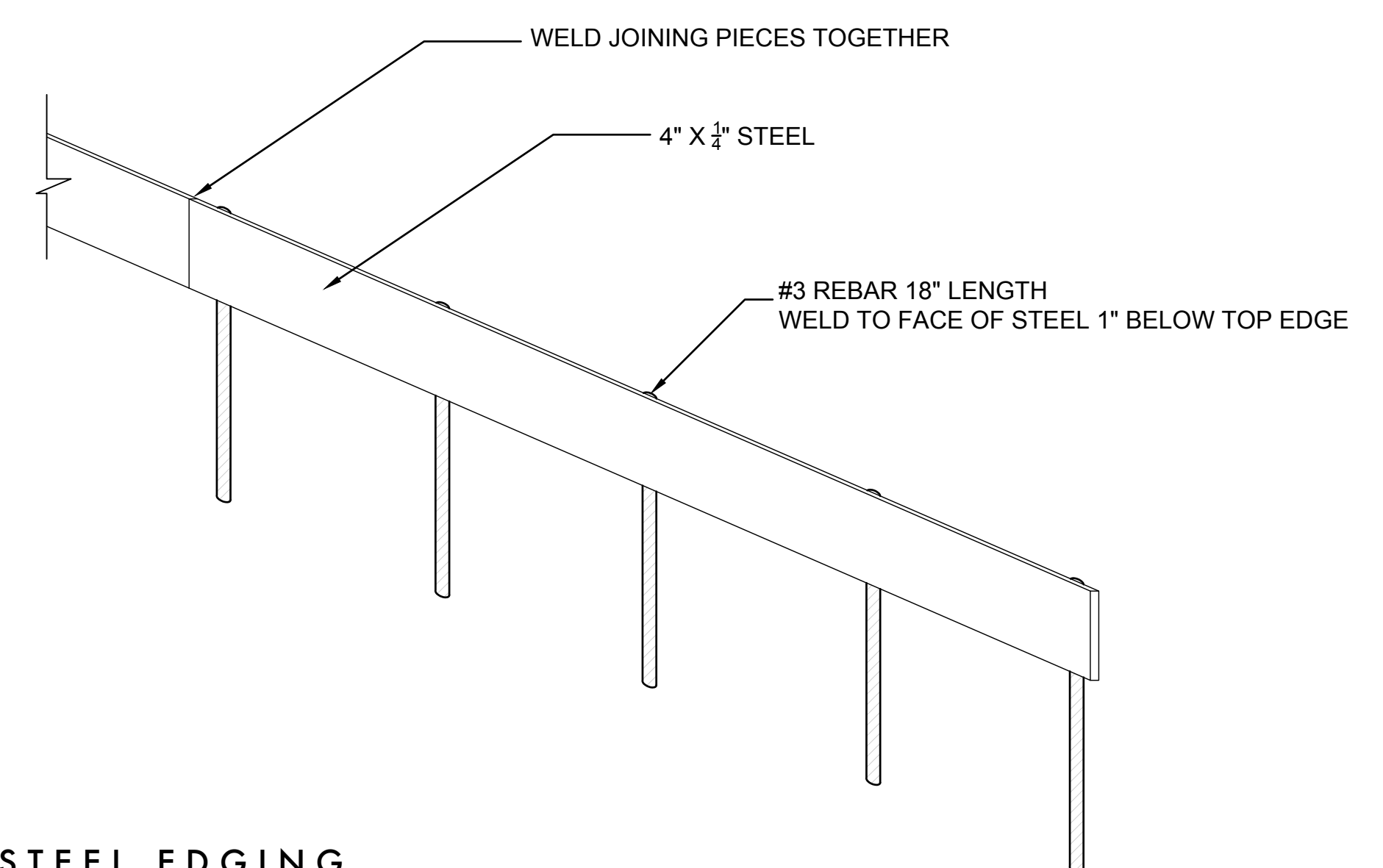
## 3 TREE PLANTING

SCALE: AS SHOWN



## 4 TRIANGULAR SPACING

SCALE: AS SHOWN



## 5 STEEL EDGING

SCALE: AS SHOWN



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VINITA CULTURAL DEVELOPMENT CENTER

**CHEROKEE NATION, OKLAHOMA**



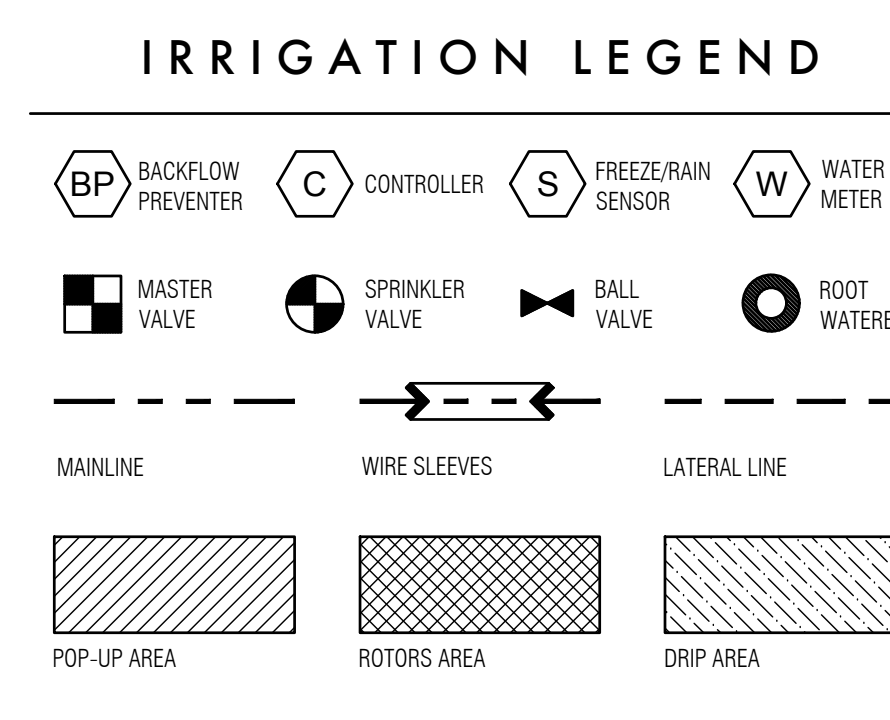
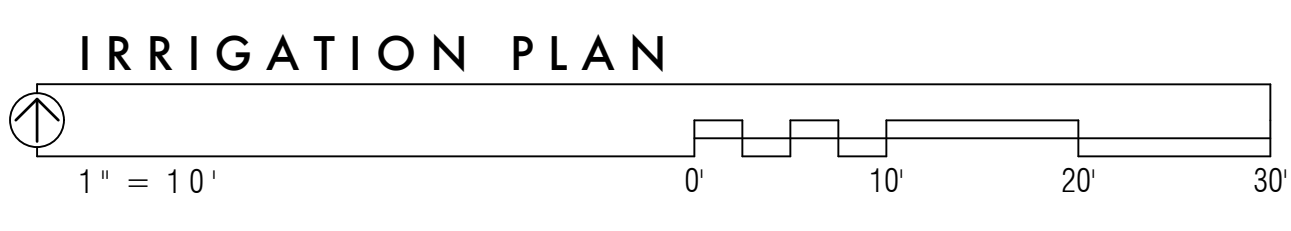
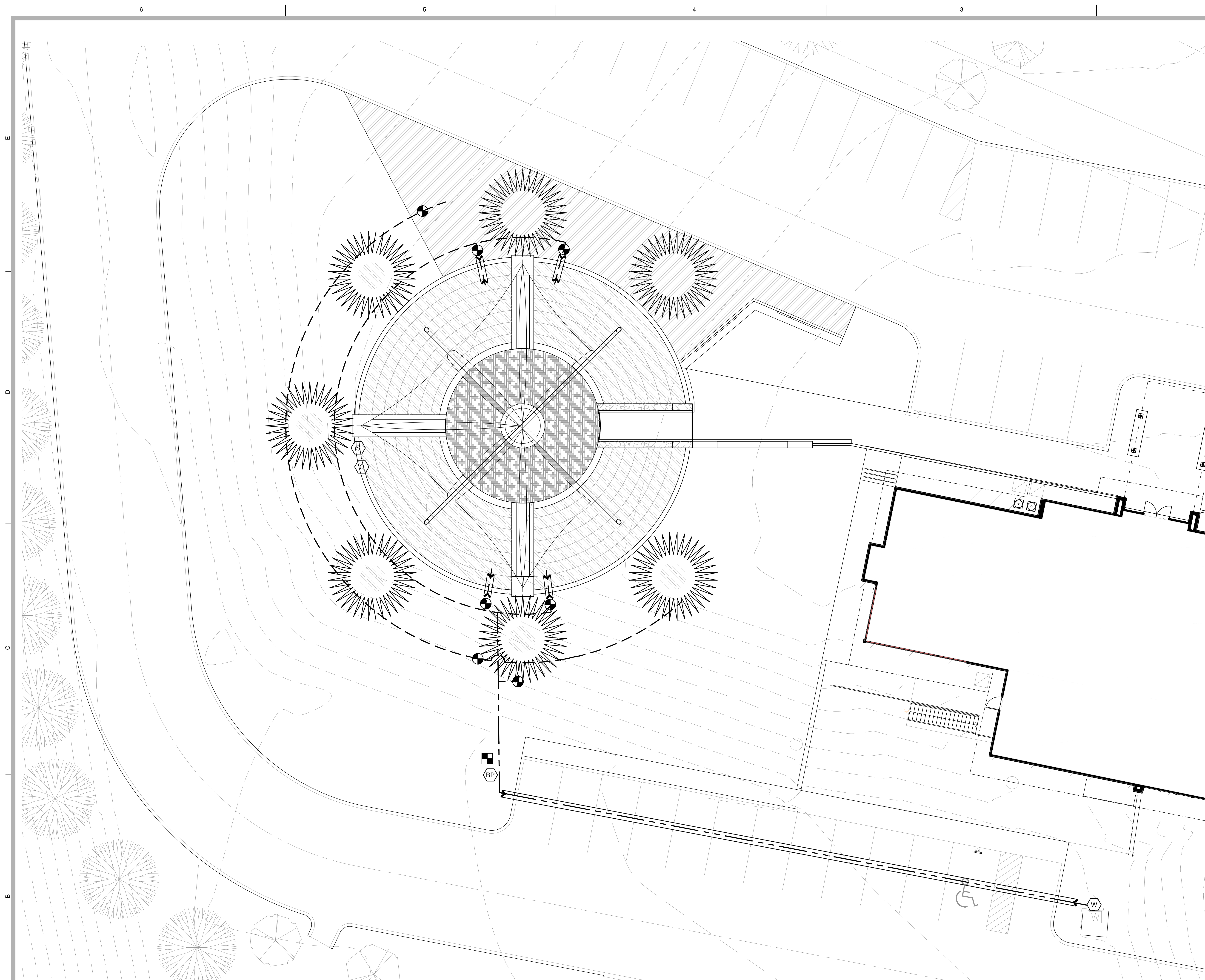
No.	Description	Date

SHEET TITLE  
**PLANTING SCHEDULE AND DETAILS**

05/07/21 100% CD SET

PROJECT NO: 111-049-20  
 DRAWN BY: JCL  
 CHECK BY: BW  
 ISSUE DATE: 5/7/2021

**L9.02**  
 Scale As indicated  
 CA# 02418



**GENERAL IRRIGATION NOTES**

1. PRIOR TO SUBMITTING A BID FOR THE IRRIGATION WORK THE CONTRACTOR SHALL VISIT THE SITE TO VERIFY ALL INSTALLATION CONDITIONS.
2. THE CONTRACTOR SHALL READ THOROUGHLY AND BECOME FAMILIAR WITH THE PLANS, SPECIFICATIONS AND INSTALLATION DETAILS FOR THIS AND RELATED WORK PRIOR TO CONSTRUCTION.
3. QUANTITIES OF IRRIGATION COMPONENTS NOTED ON THE PLANS, DETAILS OR SPECIFICATIONS ARE FOR CONVENIENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR ALL ITEMS REQUIRED TO PROVIDE A COMPLETE WORKING IRRIGATION SYSTEM AS DESIGNED, AND SHALL PROVIDE OWN MATERIAL TAKE OFF QUANTITIES.
4. IRRIGATION COMPONENTS CALLED OUT BY MANUFACTURER AND MODEL NUMBER DESIGNATE A TYPE OF MATERIAL, SIZE AND LEVEL OF PERFORMANCE. THE CONTRACTOR MAY SUBSTITUTE ALTERNATE COMPONENTS AS EQUAL WITH WRITTEN APPROVAL FROM LANDSCAPE ARCHITECT.
5. BEFORE STARTING ANY WORK THE CONTRACTOR SHALL CONTACT UTILITIES OFFICIALS TO VERIFY LOCATIONS AND DEPTHS OF UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY THEIR WORK, AND THEY SHALL BE RESPONSIBLE FOR DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF THEIR IRRIGATION INSTALLATION.
6. THE CONTRACTOR SHALL NOT PROCEED WITH THE INSTALLATION OF THE IRRIGATION SYSTEM WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN, OR IF DISCREPANCIES IN CONSTRUCTION DETAILS, LEGENDS, NOTES, OR SPECIFICATIONS ARE DISCOVERED. BRING ALL SUCH OBSTRUCTIONS OR DISCREPANCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IN WRITING PRIOR TO CONSTRUCTION.
7. IRRIGATION COMPONENTS ARE SHOWN SCHEMATICALLY AND MAY BE DRAWN OUTSIDE OF PLANTING AREAS FOR GRAPHIC CLARITY. INSTALL ALL COMPONENTS IN LANDSCAPE AREAS WHENEVER POSSIBLE. AVOID CONFLICTS BETWEEN THE IRRIGATION SYSTEM, UTILITIES, PLANT MATERIAL, AND ARCHITECTURAL FEATURES.
8. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR 100% COVERAGE TO ALL PLANT MATERIAL. COORDINATE IRRIGATION INSTALLATION WITH LANDSCAPE PLANS AND LANDSCAPE CONTRACTOR.
9. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS, CODES, AND REGULATIONS APPLICABLE TO THE IRRIGATION SYSTEM COVERED BY THESE PLANS.
10. INSTALL ALL ELECTRICAL POWER TO BACKFLOW PREVENTION IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL CODES. ALL ELECTRICAL PRODUCTS UTILIZED ON THE PROJECT SHALL BE UL LISTED. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL CONDUIT AND CONDUCTORS FROM THE 120 VOLT SOURCE LOCATION SUPPLIED BY THE ELECTRICAL CONTRACTOR.
11. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR ALL IRRIGATION SLEEVING. SLEEVES SHALL BE PROVIDED FOR ALL IRRIGATION PIPING, LOW VOLTAGE (24 VOLT) WIRING, COMMUNICATION CABLE, AND HIGH VOLTAGE (120 VOLT AND GREATER) WIRING REQUIRED FOR THE IRRIGATION SYSTEM. SLEEVING FOR THE HIGH VOLTAGE WIRE SHALL BE SEPARATE FROM THE WATER PIPE, LOW VOLTAGE AND COMMUNICATION SLEEVES. HIGH VOLTAGE WIRING SHALL BE PLACED IN CONDUIT WITHIN ITS SLEEVE. SEPARATE SLEEVES SHALL BE PROVIDED WITHIN THE PRIMARY SLEEVE FOR LOW VOLTAGE AND COMMUNICATION WIRING WHEN THEY SHARE A SLEEVE WITH THE IRRIGATION PIPING. SLEEVES SHALL BE PROVIDED UNDER ALL PAVING, SIDEWALKS, PATHS, AND THROUGH ALL WALLS. ANY PIPE OR WIRE WHICH PASSES BENEATH EXISTING HARDSCAPE WHERE SLEEVING WAS NOT INSTALLED REQUIRES HORIZONTAL BORING BY THE IRRIGATION CONTRACTOR. SLEEVE SIZES SHALL BE TWICE THE AGGREGATE DIAMETER OF ALL PIPE AND WIRE CONTAINED WITHIN THE SLEEVE.
12. CROSS ALL SIDEWALKS, CONCRETE, AND HARDSCAPE AT RIGHT ANGLES WHEREVER POSSIBLE.
13. THE CONTRACTOR SHALL ARRANGE FOR THE FOLLOWING INSPECTIONS AND MEETINGS DURING THE IRRIGATION SYSTEM INSTALLATION:
  - A. PRE-CONSTRUCTION CONFERENCE
  - B. LAYOUT OF MAJOR COMPONENTS: BACKFLOW, MAINLINE AND WIRE ROUTING.
  - C. PRESSURE TESTING OF MAINLINE
  - D. FINAL WALK THROUGH/BEGINNING OF MAINTENANCE-WARRANTY PERIOD
  - E. FINAL ACCEPTANCE/END OF MAINTENANCE-WARRANTY PERIOD.
14. THE IRRIGATION MAINLINE SHALL BE TESTED AT 120 PSI FOR NOT LESS THAN FOUR (4) HOURS WITH NO LOSS OF PRESSURE. DO NOT BACKFILL MAINLINE UNTIL AFTER SUCCESSFUL COMPLETION OF MAINLINE TEST. MAINLINE SHALL BE TESTED WITH VALVES AND QUICK COUPLERS INSTALLED.
15. INSTALL ALL MAINLINES 2" AND SMALLER WITH 18" MINIMUM COVER.
16. ALL PIPE TO BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
17. PIPE BEDDING SHALL CONSIST OF CLEAN NATIVE SOIL WITH NO STONE LARGER THAN 1/4" DIAMETER. 3" OF MORTAR SAND PLACED COMPLETELY AROUND THE PIPE IS AN ACCEPTABLE SUBSTITUTE FOR NATIVE SOIL. PIPING 4"-12" SHALL RECEIVE 6" OF BEDDING MATERIAL.
18. TRENCHES THAT CONTAIN MULTIPLE PIPES SHALL MAINTAIN A MINIMUM OF 3" OF SEPARATION BETWEEN PIPES.
19. MAINLINE FITTINGS TO BE SCHEDULE 80. USE TOE (THREADED ONE END) NIPPLES, NO MALE ADAPTERS WILL BE ACCEPTED.
20. ALL PVC SCHEDULE 40 AND SCHEDULE 80 FITTINGS TO BE LASCO OR APPROVED EQUAL.
21. ALL THREADED JOINTS SHALL BE WRAPPED WITH TEFLON TAPE UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. USE LIQUID TEFLON ON METAL PIPE THREADS ONLY.
22. FLUSH ALL LINES PRIOR TO THE INSTALLATION OF QUICK COUPLERS.
23. ALL LOW VOLTAGE CONTROL WIRE TO BE #12-1 AWG UF 600 DIRECT BURIAL. COMMON WIRE TO BE #12-1 AWG UF 600 DIRECT BURIAL. CONTROL TO BE RED, COMMON TO BE WHITE. PROVIDE ONE SPARE GREEN #12-1 AWG DIRECT BURIAL WIRES FROM THE CONTROLLER ALONG THE ENTIRE LENGTH OF THE MAINLINE LOOPED INTO EACH VALVE BOX.
24. VALVE BOXES SHALL BE RAINBIRD VB-6RND OR APPROVED EQUAL.
25. MAINTAIN AS-BUILT PLANS OF IRRIGATION ON A DAILY BASIS, NOTING ALL CHANGES REGARDING INSTALLATION OF SYSTEM THAT DIFFER FROM PLANS. UPON FINAL ACCEPTANCE OF PROJECT BY ENGINEER, CONTRACTOR SHALL TURN IN ALL AS-BUILT PLANS ON A REPRODUCIBLE SET.
26. SUPPLY THE FOLLOWING MATERIALS TO THE OWNER AT FINAL WALK THROUGH/ BEGINNING OF WARRANTY-MAINTENANCE:
  - A. TWO OPERATING KEYS FOR BALL VALVES.
  - B. TWO QUICK COUPLER VALVE KEYS, COVER KEYS, AND HOSE SWIVELS.
  - C. OPERATING/ OWNERS/ PARTS MANUALS FOR BACKFLOW, VALVES, AND QUICK COUPLERS, AND EMITTERS.
  - D. APPROVED BACKFLOW TEST CERTIFICATION.
27. INSTALL ESP-LX BASIC CONTROLLER.
28. INSTALL WR2 SERIES WIRELESS RAIN/ FREEZE SENSOR.
29. INSTALL ZURN WILKINS MODEL 720A PRESSURE VACUUM BREAKER.
30. INSTALL ZURN WILKINS MODEL 375 XL BACKFLOW PREVENTOR.
31. INSTALL SAFE-T-COVER SERIES 100/200 INSULATED ENCLOSURE BY ZURN WILKINS.
32. ALL CONTROLS TO BE MOUNTED AT MINIMUM HEIGHT ALLOWED BY CODE.



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VINITA CULTURAL DEVELOPMENT CENTER

PROJECT  
**CHEROKEE NATION, OKLAHOMA**

KEY PLAN

--

No.	Description	Date

SHEET TITLE  
**MATERIALS PLAN**

05/07/21 100% CD SET

PROJECT NO. 111-049.20  
DRAWN BY: JCL  
CHECKED BY: BW  
ISSUE DATE: 5/7/2021

Scale: As indicated  
CA# 02418

DESIGN PARAMETERS

- 1. BUILDING CODE: 2015 INTERNATIONAL BUILDING CODE
2. DEAD LOADS: A. ROOF----- 20 PSF
3. LIVE LOADS: A. ROOF----- 20 PSF (UNIFORM)
4. SNOW LOADS: A. GROUND SNOW LOAD, Pg----- 15 PSF
5. WIND LOADS: A. BASIC WIND SPEED (3 SECOND GUST)----- 115 MPH
6. SEISMIC LOADS: A. SPECTRAL RESPONSE ACCELERATION (SHORT PERIOD), Ss----- 0.123
7. FOUNDATIONS: ISOLATED AND CONTINUOUS FOUNDATIONS HAVE BEEN DESIGN FOR AN ASSUMED ALLOWABLE NET BEARING PRESSURE OF 1500 PSF.

GENERAL

- 1. STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND DRAWINGS FROM OTHER DISCIPLINES.
2. WHERE CONFLICT EXISTS AMONG VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.
3. WHERE MEMBER LOCATIONS ARE NOT SPECIFICALLY DIMENSIONED, THE FOLLOWING RULES SHALL APPLY:
4. ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY.
5. THE STRUCTURE HAS BEEN DESIGNED FOR THE LOADS IDENTIFIED WITHIN THESE STRUCTURAL DRAWINGS THAT ARE ANTICIPATED TO BE APPLIED TO THE FINAL STRUCTURE ONCE COMPLETED AND OCCUPIED.

DIVISION 2 - FOUNDATIONS

- 1. FOOTINGS SHALL BEAR EITHER ON COMPETENT NATIVE SOIL OR COMPACTED STRUCTURAL FILL.
2. EXTERIOR AND EXTERIOR PERIMETER FOOTINGS SHALL BEAR NOT LESS THAN 24 INCHES BELOW FINISH GRADE UNLESS OTHERWISE SPECIFIED BY A GEOTECHNICAL ENGINEER AND/OR BUILDING OFFICIAL.
3. PROVIDE A MINIMUM OF 4-INCH CLEAN, FREE-DRAINING GRANULAR SUBBASE FILL BELOW ALL INTERIOR SLABS-ON-GRADE UNLESS NOTED OTHERWISE.
4. A 6-MIL MINIMUM POLYETHYLENE FILM VAPOR RETARDER, MEETING THE REQUIREMENTS IN THE SPECIFICATIONS, SHALL BE PLACED BELOW ALL INTERIOR SLABS-ON-GRADE.

DIVISION 3 - CONCRETE

- 1. ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301.
2. CONTRACTOR SHALL FOLLOW ACI 306.1 FOR HOT WEATHER CONCRETE, ACI 306.1 FOR COLD WEATHER CONCRETE PLACEMENT AND CURING GUIDELINES.
3. ARRANGEMENTS AND DETAIL OF REINFORCING BENDS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF PUBLICATION SP-66, 'ACI DETAILING MANUAL' AND ACI 318, 'BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE'.
4. UNLESS NOTED OTHERWISE, BAR SPACING SHALL BE CLASS B REINFORCING BARS.
5. PROVIDE SUITABLE WIRE SPACERS, CHAIRS, TIES, ETC. FOR SUPPORTING REINFORCING STEEL IN THE PROPER POSITION BEFORE PLACING CONCRETE.

LAP LENGTHS FOR SPLICES

Table with 3 columns: BAR SIZE, TOP BARS\*, OTHER. Rows include #3, #4, #5, #6, #7, #8, #9 with dimensions for 1'-11", 1'-4", 2'-6", 2'-5", 2'-10", 4'-0", 4'-7", 5'-2".

REQUIRED CONCRETE STRENGTHS (28 DAY)

Table with 2 columns: CONCRETE ELEMENT, Fc (PSI). Rows include FOOTINGS, PIERS AND GRADE BEAMS; FOUNDATION WALLS AND PEDESTALS; SLABS-ON-GRADE; SUSPENDED SLABS AND SLABS ON COMPOSITE DECK; STEEL STAIR FANS (SLABS ON NON-COMPOSITE DECK); EXTERIOR STRUCTURAL CONCRETE (AIR ENTRAINED); SIDEWALKS (AIR ENTRAINED).

\* BASED ON MINIMUM CONCRETE COVER OF 1 1/2". A MINIMUM CENTER-TO-CENTER BAR SPACING OF THREE BAR DIAMETERS AND 3,000 PSI CONCRETE CLASS A SPLICE VALUES SHOWN ASSUME CLEARANCE & SPACING REQUIREMENTS PER ACI 318.
\*\* TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 10" INCHES OF CONCRETE CAST BELOW BARS.

REINFORCEMENT MATERIALS

Table with 4 columns: REINFORCEMENT ELEMENT, ASTM, Fy (KSI), Fu (KSI). Rows include TYP REINFORCEMENT, WELDED AND BENT REINF, WELDED WIRE REINFORCING, SMOOTH, WELDED WIRE REINFORCING, DEFORMED.

REINFORCEMENT COVER REQUIREMENTS

Table with 3 columns: LOCATION, COVER (IN). Rows include COLUMNS, GIRDERS, AND BEAMS; CONCRETE CAST AGAINST EARTH; CONCRETE CAST IN FORMS, EXPOSED TO WEATHER OR EARTH; CONCRETE CAST ON VOID FORMS WITH MASONITE OR PLYWOOD COVERING; JOISTS; SLABS OR WALLS NOT EXPOSED TO EARTH OR WEATHER.

DIVISION 5 - STRUCTURAL STEEL

- 1. STRUCTURAL STEEL SHALL MEET THE FOLLOWING MINIMUM YIELD STRENGTHS (Fy):
2. BOLTS FOR STEEL BEAM AND COLUMN CONNECTIONS SHALL BE 3/4" DIAMETER ASTM A505 HIGH STRENGTH BOLTS INSTALLED SNUG TIGHT, UNO.
3. WHERE FIELD AND SHOP WELDS ARE INDICATED ON THE DRAWINGS, THEY SHALL BE THE SIZE AND TYPE NOTED. ALL WELDING OF STRUCTURAL STEEL SHALL BE DONE IN ACCORDANCE WITH LATEST EDITION OF AWS D1.1 CORRESPONDING TO THE AISC SPECIFICATION USED, AND ALL WELDS INCLUDING FIELD WELDS SHALL BE MADE BY CERTIFIED WELDERS USING E70XX ELECTRODES.
4. WHERE FILLED WELD SIZES ARE NOT INDICATED ON WELD SYMBOLS, FILLET SIZE SHALL BE 1/16TH INCH SMALLER THAN THICKNESS OF THINNER MATERIALS BEING JOINED.
5. COMPLETE PENETRATION WELDS ARE INDICATED BY NOTATION 'CP' ON WELD SYMBOLS. PARTIAL PENETRATION BY 'PP'.
6. PROVIDE DOUBLE NUTS AND DOUBLE WASHERS FOR STEEL COLUMN ANCHOR BOLTS TO ALLOW FOR ADJUSTMENT IN BASE PLATE ELEVATION.

SUBMITTALS

- 1. TRANSMIT SUBMITTALS SUFFICIENTLY IN ADVANCE OF RELATED CONSTRUCTION ACTIVITIES TO AVOID UNNECESSARY DELAY.
2. THE GENERAL CONTRACTOR SHALL SUBMIT ONE ELECTRONIC PORTABLE DOCUMENT FORMAT (PDF) COPY OF ALL REQUIRED SUBMITTALS THROUGH THE ARCHITECT FOR REVIEW.
3. THE GENERAL CONTRACTOR SHALL SUBMIT, FOR ENGINEER REVIEW, SHOP DRAWINGS FOR THE FOLLOWING ITEMS:
A. CONCRETE MIX DESIGNS
B. CONSTRUCTION JOINT LOCATIONS IN STRUCTURAL FLOORS, WALLS AND SLABS-ON-GRADE.
C. EXTERIOR WINDOW WALL SYSTEMS (1, 2)
D. MISCELLANEOUS STEEL
E. REINFORCING STEEL
F. STRUCTURAL STEEL SHOP AND ERECTION DRAWINGS (1)
G. STRUCTURAL STEEL CONNECTIONS OF FRAMING AND BRACING ELEMENTS (1, 4)
H. EXTERIOR SIGNAGE (4)
I. SITE CANOPY STRUCTURES (4)
4. ALL SHOP DRAWINGS MUST BE REVIEWED AND ELECTRONICALLY STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL.

DIVISION 6 - WOOD FRAMING

- 1. ALL WOOD PLATES BEARING ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED LUMBER.
2. ALL METAL CONNECTORS SHALL MEET THE FOLLOWING:
A. CLIPS AND FASTENERS SHALL BE CORROSION RESISTANT.
B. RATED TO PROVIDE LOAD RESISTANCE EQUAL TO CLIP SHOWN ON THE PLANS.
C. APPROVED BY I.C.C. AND OTHER REQUIRED LOCAL CODE AGENCIES.
3. ALL WOOD TRUSSES OR JOIST AND RAFTERS SHALL BE FASTENED TO TOP PLATE WITH ONE (1) SIMPSON H3 AND ONE (1) SIMPSON A34 METAL CLIP OR APPROVED EQUAL, UNO.
4. FOLLOW MANUFACTURERS RECOMMENDATIONS FOR FASTENING OF HANGERS IN ORDER TO ACHIEVE THE REQUIRED ALLOWABLE LOADS SHOWN ON THE PLANS. WHERE REQUIRED ALLOWABLE LOADS ARE NOT SHOWN, USE THE MAXIMUM RATED STRENGTH OF THE HANGER.
5. WHEN CONNECTORS ARE NOT SHOWN, TABLE 2304.10.1 FASTENING SCHEDULE OF THE INTERNATIONAL BUILDING CODE SHALL APPLY.
6. WHEN HEADERS ARE NOT SHOWN, TABLE 2308.4.1 HEADER DESIGN CHART OF THE INTERNATIONAL BUILDING CODE SHALL APPLY.
7. PROVIDE SUPPLEMENTAL STRUCTURAL FRAMING AND BLOCKING AS REQUIRED TO ACHIEVE SOLID AND SOUND STRUCTURAL AND NON-STRUCTURAL ELEMENTS USING ACCEPTED FRAMING PRACTICES.
8. MINIMUM WOOD FRAMING MATERIAL SPECIFICATIONS ARE AS FOLLOWS:
A. FRAMING 2 1/2 INCHES THICK, 2 INCHES WIDER, DOUGLAS FIR SOUTH #2
1. Fb = 850 PSI (SINGLE MEMBER USE)
2. Fv = 525 PSI
3. Fc = 1350 PSI (PARALLEL TO GRAIN)
4. Fc = 820 PSI (PERPENDICULAR TO GRAIN)
5. Fv = 180 PSI
6. E = 1,200,000 PSI
B. LAMINATED VENEER LUMBER (LVL)
1. Fb = 2,800 PSI
2. Fv = 1,555 PSI
3. Fc = 2510 PSI (PARALLEL TO GRAIN)
4. Fc = 750 PSI (PERPENDICULAR TO GRAIN)
5. Fv = 285 PSI
6. E = 2,000,000 PSI
C. VISUALLY GRADED TIMBERS (5"x6" AND LARGER), BEAMS AND STRINGERS, WESTERN CEDAR #2
1. Fb = 625 PSI
2. Fv = 324 PSI
3. Fc = 475 PSI (PARALLEL TO GRAIN)
4. Fc = 425 PSI (PERPENDICULAR TO GRAIN)
5. Fv = 140 PSI
6. E = 800,000 PSI
D. VISUALLY GRADED TIMBERS (5"x6" AND LARGER) POSTS AND TIMBERS, WESTERN CEDAR #2
1. Fb = 550 PSI
2. Fv = 550 PSI
3. Fc = 550 PSI (PARALLEL TO GRAIN)
4. Fc = 425 PSI (PERPENDICULAR TO GRAIN)
5. Fv = 140 PSI
6. E = 800,000 PSI

DIVISION 6 - WOOD ROOF SHEATHING

- 1. ALL ROOF SHEATHING SHALL BE PLACED IN SUCH A MANNER TO STAGGER ALL END JOINTS OF PANELS AND WITH LONG DIRECTION PERPENDICULAR TO SUPPORTS. ALUMINUM PANEL CLIPS SHALL BE PLACED AT MID-SPAN OF PANELS BETWEEN EACH TRUSS AS DECKING IS BEING LAD. INSTALLER SHALL LEAVE 1/8" SPACE AT ALL PANEL EDGES AND END JOINTS, UNLESS OTHERWISE RECOMMENDED BY MANUFACTURER.
2. FASTENING REQUIREMENTS FOR DECKING TO SUPPORTS SHALL BE IN COMPLIANCE WITH THE AMERICAN PLYWOOD ASSOCIATION'S (APA) RECOMMENDED FASTENING SCHEDULE FOR APA PANEL ROOF (OR WALL) SHEATHING AS STATED HEREIN. SEE ROOF FRAMING PLAN (S-201) FOR ROOF SHEATHING FASTENING REQUIREMENTS. CLIPS AND FASTENERS SHALL BE CORROSION RESISTANT.
3. COVER SHEATHING AS SOON AS POSSIBLE WITH ROOFING FELT FOR PROTECTION AGAINST EXCESSIVE MOISTURE PRIOR TO ROOFING APPLICATION. PROTECTION MATERIAL MUST BE APPROVED BY I.C.C. AND FOLLOW OTHER REQUIRED LOCAL CODE AGENCIES.
4. UNLESS NOTED OTHERWISE, PLYWOOD STRUCTURAL PANELS NOTED ON THE DRAWINGS SHALL CONFORM TO U.S. DEPARTMENT OF COMMERCE VOLUNTARY PRODUCT STANDARDS, PS-1, STRUCTURAL PLYWOOD (DOC PS 1), OR PS-2, PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL USE PANELS (DOC PS 2), AND TO BE IDENTIFIED BY THE MARK OF AN APPROVED TESTING AND GRADING AGENCY.



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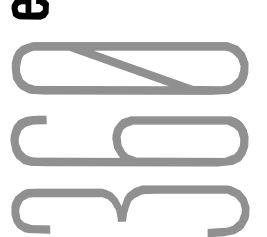
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2. FASTENING REQUIREMENTS FOR DECKING TO SUPPORTS SHALL BE IN COMPLIANCE WITH THE AMERICAN PLYWOOD ASSOCIATION'S (APA) RECOMMENDED FASTENING SCHEDULE FOR APA PANEL ROOF (OR WALL) SHEATHING AS STATED HEREIN. SEE ROOF FRAMING PLAN (S-201) FOR ROOF SHEATHING FASTENING REQUIREMENTS. CLIPS AND FASTENERS SHALL BE CORROSION RESISTANT.
3. COVER SHEATHING AS SOON AS POSSIBLE WITH ROOFING FELT FOR PROTECTION AGAINST EXCESSIVE MOISTURE PRIOR TO ROOFING APPLICATION. PROTECTION MATERIAL MUST BE APPROVED BY I.C.C. AND FOLLOW OTHER REQUIRED LOCAL CODE AGENCIES.
4. UNLESS NOTED OTHERWISE, PLYWOOD STRUCTURAL PANELS NOTED ON THE DRAWINGS SHALL CONFORM TO U.S. DEPARTMENT OF COMMERCE VOLUNTARY PRODUCT STANDARDS, PS-1, STRUCTURAL PLYWOOD (DOC PS 1), OR PS-2, PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL USE PANELS (DOC PS 2), AND TO BE IDENTIFIED BY THE MARK OF AN APPROVED TESTING AND GRADING AGENCY.

CHEROKEE NATION OKLAHOMA

KEY PLAN



Table with 3 columns: No., Description, Date. Empty rows for entries.

GENERAL NOTES

CONSTRUCTION DOCUMENTS

PROJECT NO: 21215
DRAWN BY: Author
CHECKED BY: Checker
ISSUE DATE: 05.06.2021

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Scale 12" = 1'-0"

Scale 12" = 1'-0"

Scale 12" = 1'-0"

# SPECIAL INSPECTIONS

- SPECIAL INSPECTION SHALL BE PROVIDED BY THE OWNER ACCORDING TO SECTION 1705 OF IBC 2015. THE APPROVED SPECIAL INSPECTOR SHALL DEMONSTRATE COMPETENCE FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION. THE SPECIAL INSPECTOR SHALL SEND REPORTS TO THE OWNER, THE BUILDING OFFICIAL, THE ARCHITECT, THE STRUCTURAL ENGINEER OF RECORD, AND TO THE CONTRACTOR. THE SPECIAL INSPECTOR SHALL BRING NON-CONFORMING ITEMS TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR AND NOTE ALL SUCH ITEMS IN THE REPORTS. ANY UNRESOLVED ITEM ABOUT THE COVERED WORK SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S CONSTRUCTION MANAGER AS WELL AS THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER OR NOT THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SPECIAL INSPECTION AGENCY REGARDING INDIVIDUAL INSPECTIONS FOR ITEMS LISTED ON THE SCHEDULE AND AS NOTED ON THE BUILDING DEPARTMENT APPROVED PLANS. ADEQUATE NOTICE AND ACCESS TO APPROVED PLANS SHALL BE PROVIDED SO THAT THE SPECIAL INSPECTOR HAS TIME TO BECOME FAMILIAR WITH THE PROJECT.
- SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING CONSTRUCTION DOCUMENTS FOR ADDITIONAL NON-STRUCTURAL SPECIAL INSPECTION ITEMS.
- IN ACCORDANCE WITH IBC CHAPTER 17, THE FOLLOWING TYPES OF WORK REQUIRE SPECIAL INSPECTIONS AND TESTING:

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION PRIOR TO WELDING REFERENCE AISC 360-10, TABLE N5.4.1		
VERIFICATION AND INSPECTION TASK	PERFORM	OBSERVE
WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE	X	--
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	X	--
MATERIAL IDENTIFICATION (TYPE/GRADE)	--	X
WELDER IDENTIFICATION SYSTEM	--	X
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)		
A. JOINT PREPARATION		
B. DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)	--	X
C. CLEANLINESS (CONDITION OF STEEL SURFACES)		
D. TACKING (TACK WELD QUALITY AND LOCATION)		
E. BACKING TYPE AND FIT (IF APPLICABLE)		
CONFIGURATION AND FINISH OF ACCESS HOLES	--	X
FIT-UP OF FILLET WELDS		
A. DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)	--	X
B. CLEANLINESS (CONDITION OF STEEL SURFACES)		
C. TACKING (TACK WELD QUALITY AND LOCATION)		
CHECK WELDING EQUIPMENT	--	X

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION DURING WELDING REFERENCE AISC 360-10, TABLE N5.4.2		
VERIFICATION AND INSPECTION TASK	PERFORM	OBSERVE
USE OF QUALIFIED WELDERS	--	X
CONTROL AND HANDLING OF WELDING CONSUMABLES		
A. PACKAGING	--	X
B. EXPOSURE CONTROL		
NO WELDING OVER CRACKED TACK WELDS	--	X
ENVIRONMENTAL CONDITIONS		
A. WIND SPEED WITHIN LIMITS	--	X
B. PRECIPITATION AND TEMPERATURE		
WPS FOLLOWED		
A. SETTINGS ON WELDING EQUIPMENT		
B. TRAVEL SPEED		
C. SELECTED WELDING MATERIALS	--	X
D. SHIELDING GAS TYPE/FLOW RATE		
E. PREHEAT APPLIED		
F. INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.)		
G. PROPER POSITION		
FIT-UP OF FILLET WELDS		
A. INTERPASS AND FINAL CLEANING	--	X
B. EACH PASS WITHIN PROFILE LIMITATIONS		
C. EACH PASS MEETS QUALITY REQUIREMENTS		

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION AFTER WELDING REFERENCE AISC 360-10, TABLE N5.4.3		
VERIFICATION AND INSPECTION TASK	PERFORM	OBSERVE
WELDS CLEANED	--	X
SIZE, LENGTH AND LOCATION OF WELDS	X	--
WELDS MEET VISUAL ACCEPTANCE CRITERIA		
A. CRACK PROHIBITION		
B. WELD/BASE-METAL FUSION	X	--
C. CRATER CROSS SECTION		
D. WELD PROFILES		
E. WELD SIZE		
F. UNDERCUT		
G. POROSITY		
ARC STRIKES	X	--
K-AREA <sup>1</sup>	X	--
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	X	--
REPAIR ACTIVITIES	X	--
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	X	--

- WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-AREA FOR CRACKS WITHIN 3" OF THE WELD.

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION PRIOR TO BOLTING REFERENCE AISC 360-10, TABLE N5.6.1		
VERIFICATION AND INSPECTION TASK	PERFORM	OBSERVE
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	X	--
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	--	X
PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	--	X
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	--	X
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	--	X
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL, OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	--	X
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	--	X

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION DURING BOLTING REFERENCE AISC 360-10, TABLE N5.6.2		
VERIFICATION AND INSPECTION TASK	PERFORM	OBSERVE
FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	--	X
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	--	X
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	--	X
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID TOWARD THE FREE EDGES	--	X

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION AFTER BOLTING REFERENCE AISC 360-10, TABLE N5.6.3		
VERIFICATION AND INSPECTION TASK	PERFORM	OBSERVE
DURING ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	X	--

SPECIAL INSPECTION AND VERIFICATION OF CONCRETE CONSTRUCTION REFERENCE IBC 2015, TABLE 1705.3		
VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC
INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	--	X
REINFORCING BAR WELDING:		
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	--	X
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	X	X
C. INSPECT ALL OTHER WELDS		
INSPECT ANCHORS CAST IN CONCRETE	X	--
INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:		
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLUDED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	--
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN A	--	X
VERIFY USE OF REQUIRED DESIGN MIX.	--	X
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	--
INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	--
VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	--	X
INSPECT PRESTRESSED CONCRETE FOR:		
A. APPLICATION OF PRESTRESSING FORCES	X	--
B. GROUTING OF BONDED PRESTRESSING TENDONS	X	--
INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	--	X
VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHOES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	--	X
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	--	X

SPECIAL INSPECTION AND VERIFICATION OF SOILS REFERENCE IBC 2015, TABLE 1705.6		
VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	--	X
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	--	X
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	--	X
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	--
PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	--	X



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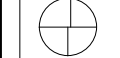
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**PROJECT**  
**CHEROKEE NATION OKLAHOMA**

**KEY PLAN**



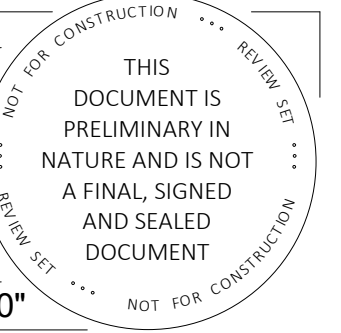
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**SHEET TITLE**  
**SPECIAL INSPECTIONS**

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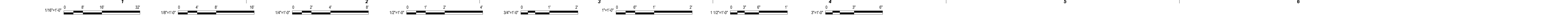
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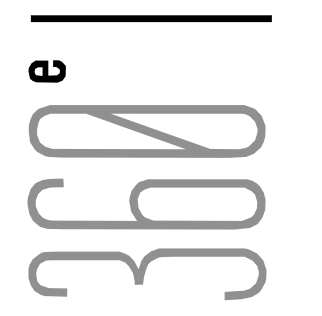
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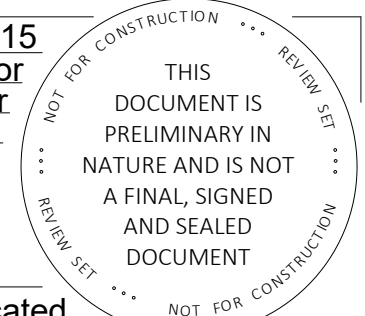
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FOUNDATION PLAN

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Scale: As indicated

**S101**



**FOUNDATION PLAN NOTES**

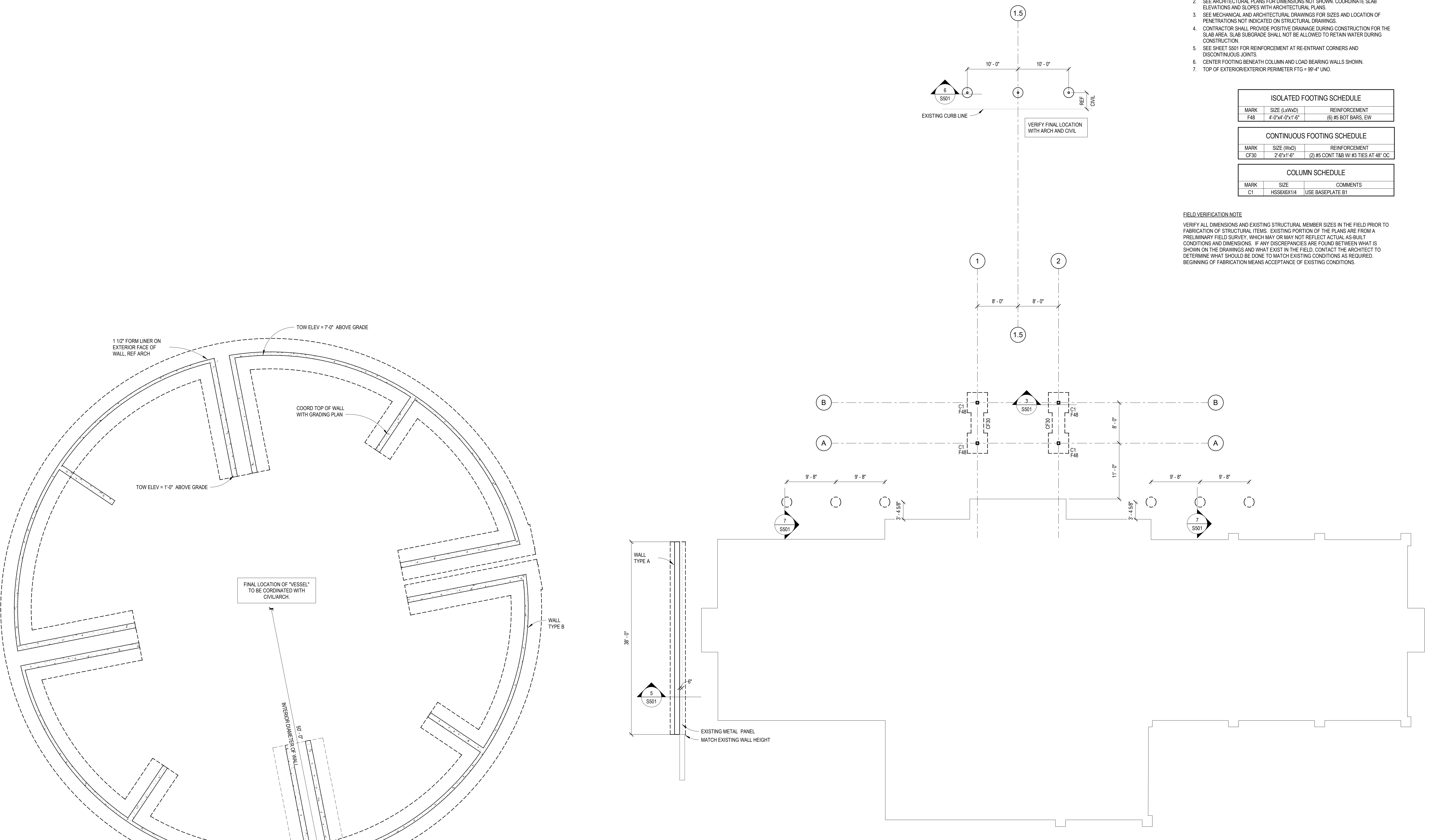
- SEE SHEET S001 FOR GENERAL NOTES.
- SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN. COORDINATE SLAB ELEVATIONS AND SLOPES WITH ARCHITECTURAL PLANS.
- SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE DURING CONSTRUCTION FOR THE SLAB AREA. SLAB SUBGRADE SHALL NOT BE ALLOWED TO RETAIN WATER DURING CONSTRUCTION.
- SEE SHEET S001 FOR REINFORCEMENT AT RE-ENTRANT CORNERS AND DISCONTINUOUS JOINTS.
- CENTER FOOTING BENEATH COLUMN AND LOAD BEARING WALLS SHOWN.
- TOP OF EXTERIOR/EXTERIOR PERIMETER FTG = 99'-4" UNO.

ISOLATED FOOTING SCHEDULE		
MARK	SIZE (LxWxD)	REINFORCEMENT
F48	4'-0"x4'-0"x1'-0"	(6) #5 BOT BARS, EW

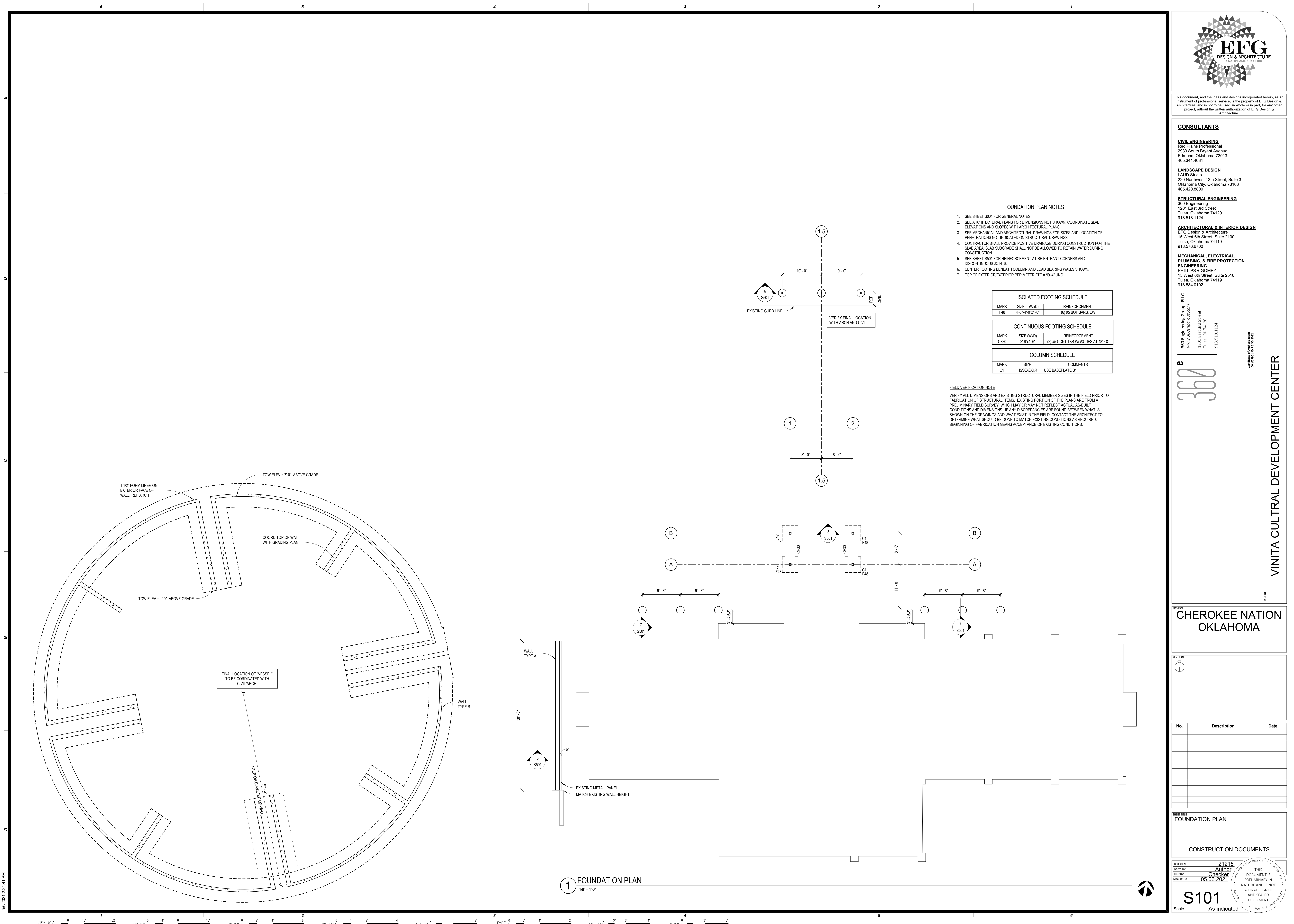
CONTINUOUS FOOTING SCHEDULE		
MARK	SIZE (WxD)	REINFORCEMENT
CF30	2'-6"x1'-6"	(2) #5 CONT T&B W/ #3 TIES AT 48" OC

COLUMN SCHEDULE		
MARK	SIZE	COMMENTS
C1	HSS60x6x1/4	USE BASEPLATE B1

**FIELD VERIFICATION NOTE**  
VERIFY ALL DIMENSIONS AND EXISTING STRUCTURAL MEMBER SIZES IN THE FIELD PRIOR TO FABRICATION OF STRUCTURAL ITEMS. EXISTING PORTION OF THE PLANS ARE FROM A PRELIMINARY FIELD SURVEY, WHICH MAY OR MAY NOT REFLECT ACTUAL AS-BUILT CONDITIONS AND DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND BETWEEN WHAT IS SHOWN ON THE DRAWINGS AND WHAT EXISTS IN THE FIELD, CONTACT THE ARCHITECT TO DETERMINE WHAT SHOULD BE DONE TO MATCH EXISTING CONDITIONS AS REQUIRED. BEGINNING OF FABRICATION MEANS ACCEPTANCE OF EXISTING CONDITIONS.



**1 FOUNDATION PLAN**  
1/8" = 1'-0"





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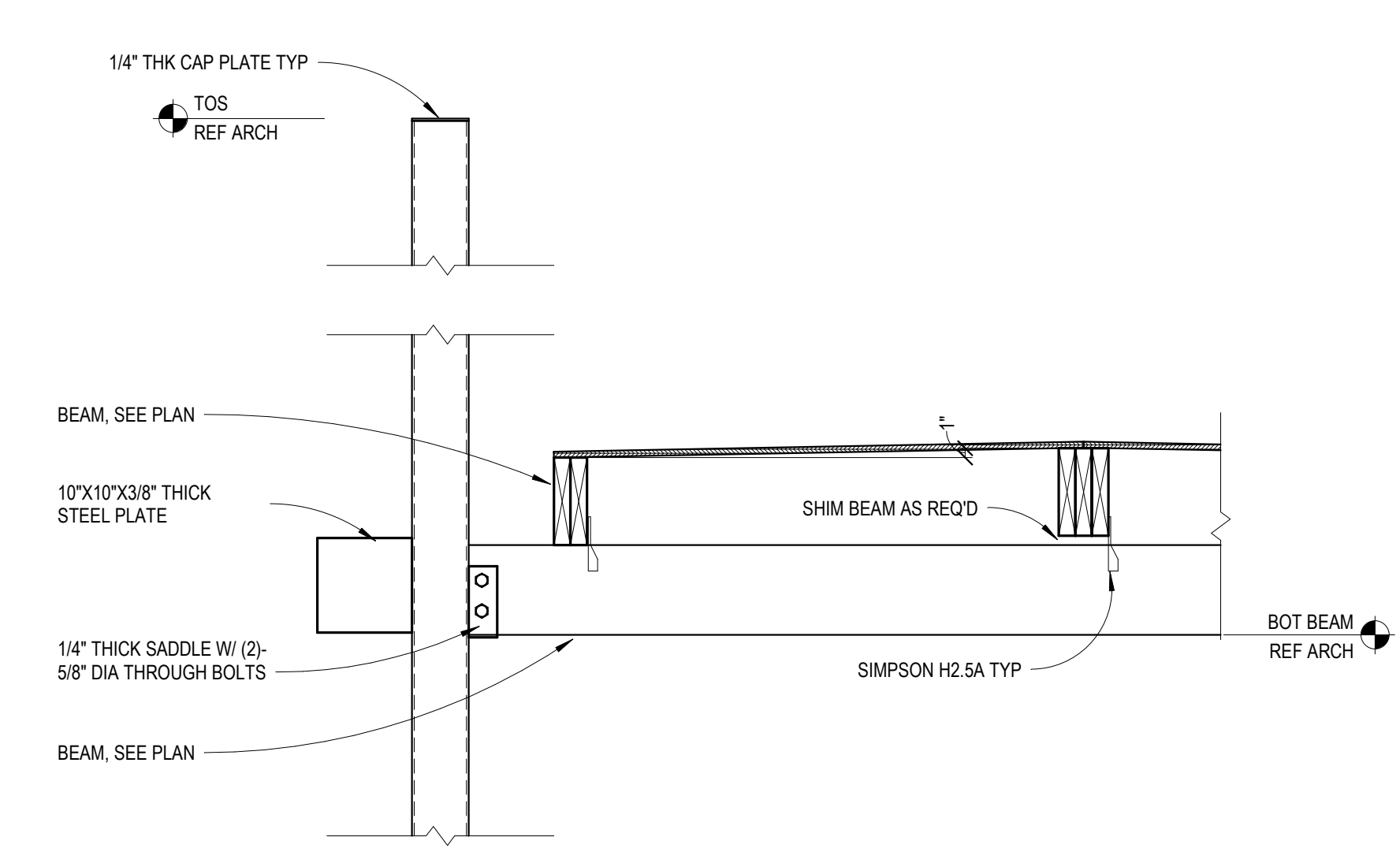
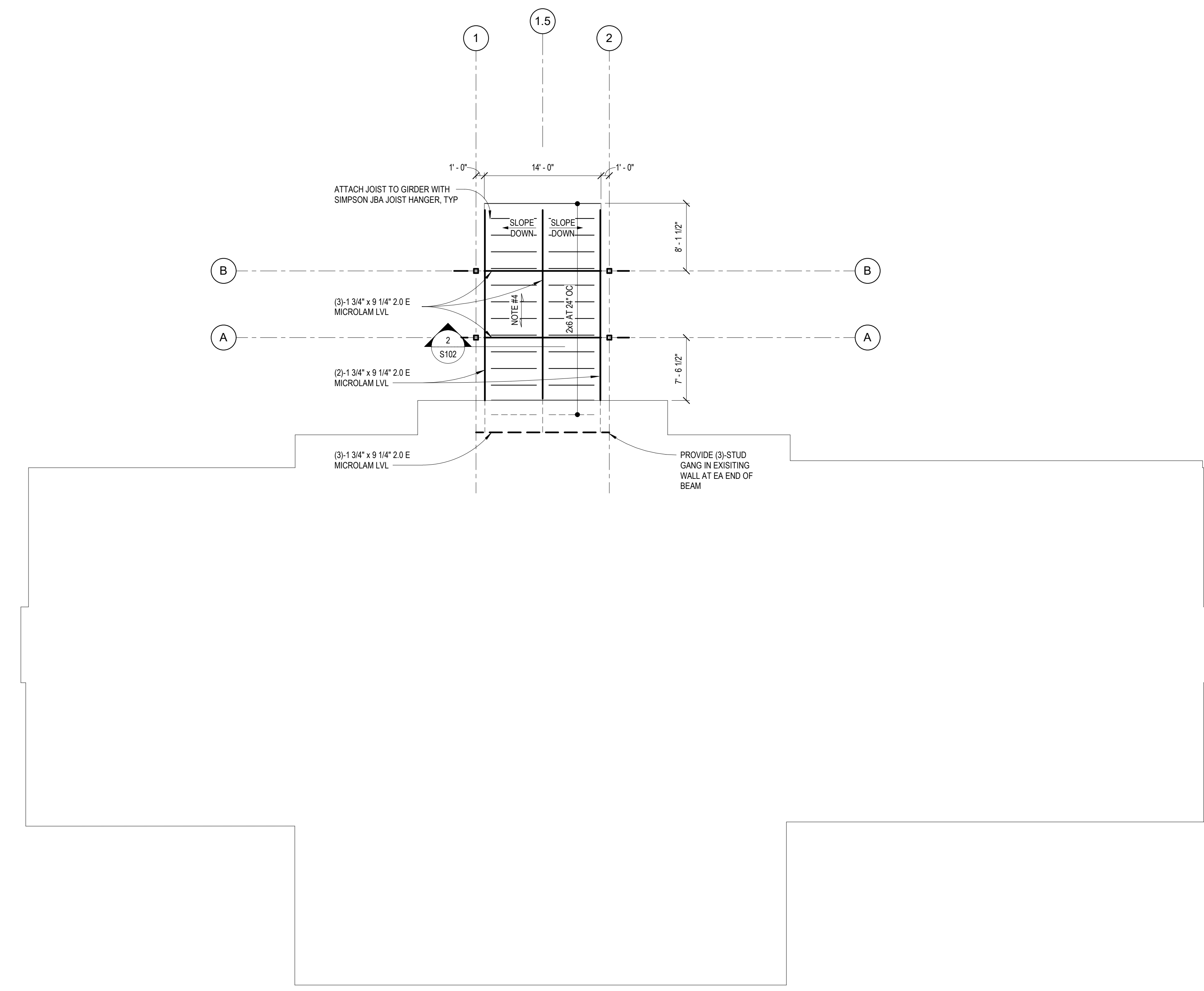
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**FRAMING PLAN NOTES**

- SEE SHEET S001 FOR GENERAL NOTES.
- SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.
- SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
- ALL ROOF SHEATHING SHALL BE APA RATED STRUCTURAL 1 EXPOSURE 1 SHEATHING WITH A MINIMUM THICKNESS OF 1/2" WITH A SPAN RATING OF AT LEAST 32/16 NAILED WITH 8d GALVANIZED COMMON NAILS AT 6" OC AT PANEL EDGES AND AT 12" OC AT INTERMEDIATE SUPPORTS TYP. UNO.
- SEE SCHEDULE FOR HEADER INFORMATION.
- SEE IBC 2015 TABLE 2308.7.1 FOR SIZE AND SPACING OF CEILING JOISTS UNO.

**FIELD VERIFICATION NOTE**

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**2 DETAIL**  
3/4" = 1'-0"

**1 ROOF FRAMING PLAN**  
1/8" = 1'-0"

**PROJECT**  
CHEROKEE NATION  
OKLAHOMA

**KEY PLAN**



No.	Description	Date

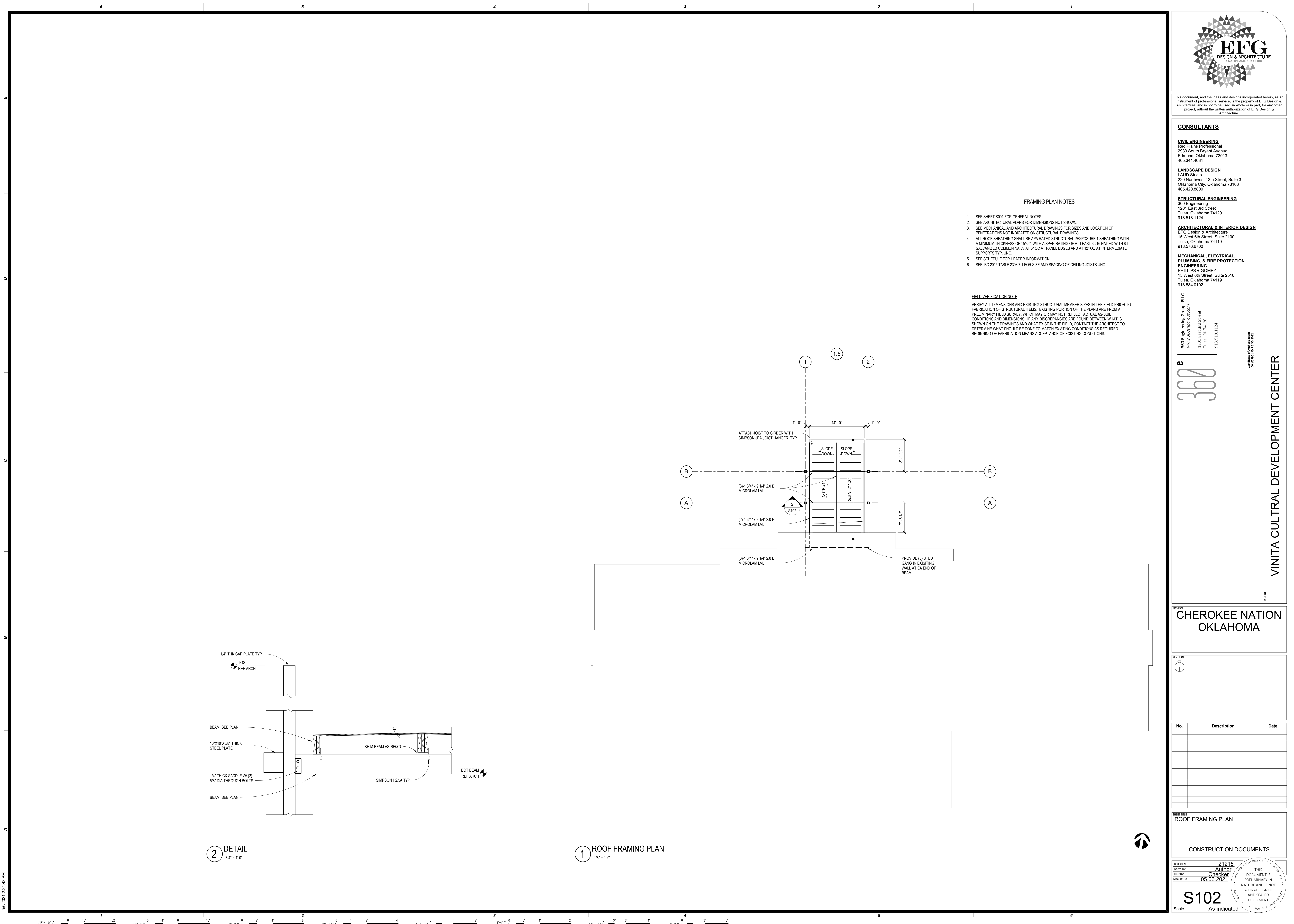
**SHEET TITLE**  
ROOF FRAMING PLAN

**CONSTRUCTION DOCUMENTS**

PROJECT NO: 21215  
 DRAWN BY: Author  
 CHECKED BY: Checker  
 ISSUE DATE: 05.06.2021

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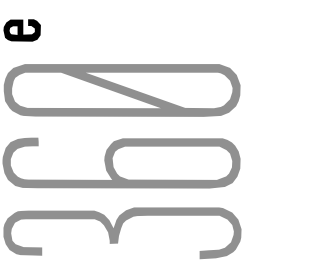
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### VINITA CULTURAL DEVELOPMENT CENTER

PROJECT

### CHEROKEE NATION OKLAHOMA

#### KEY PLAN



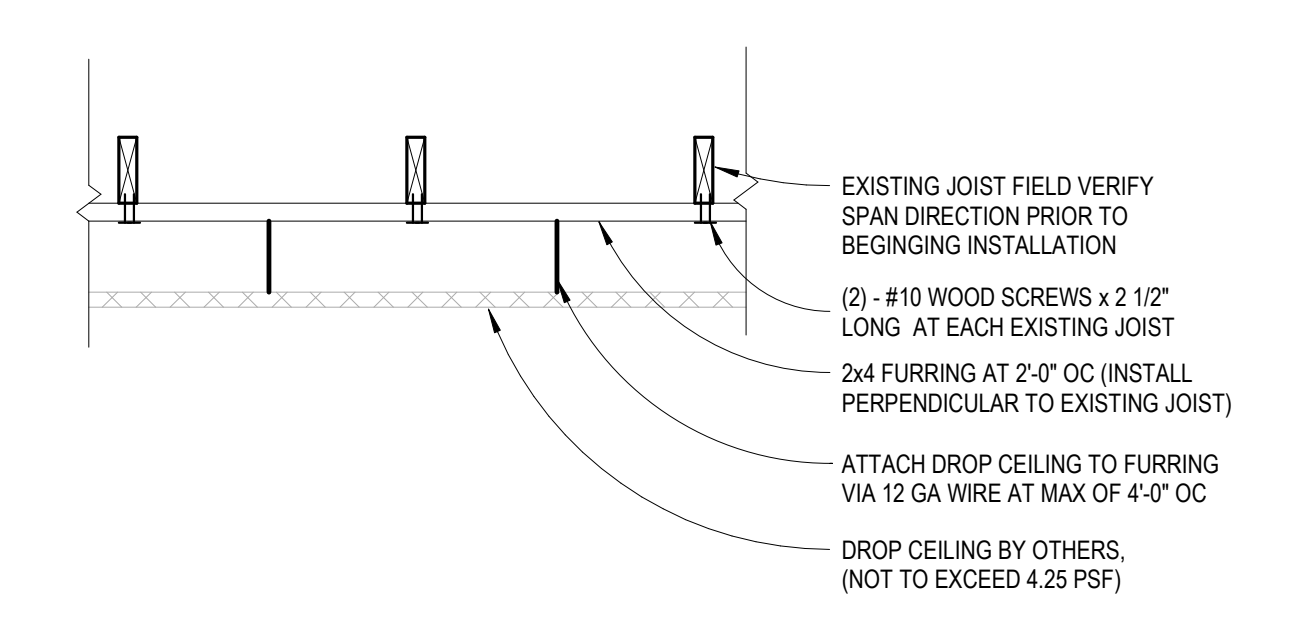
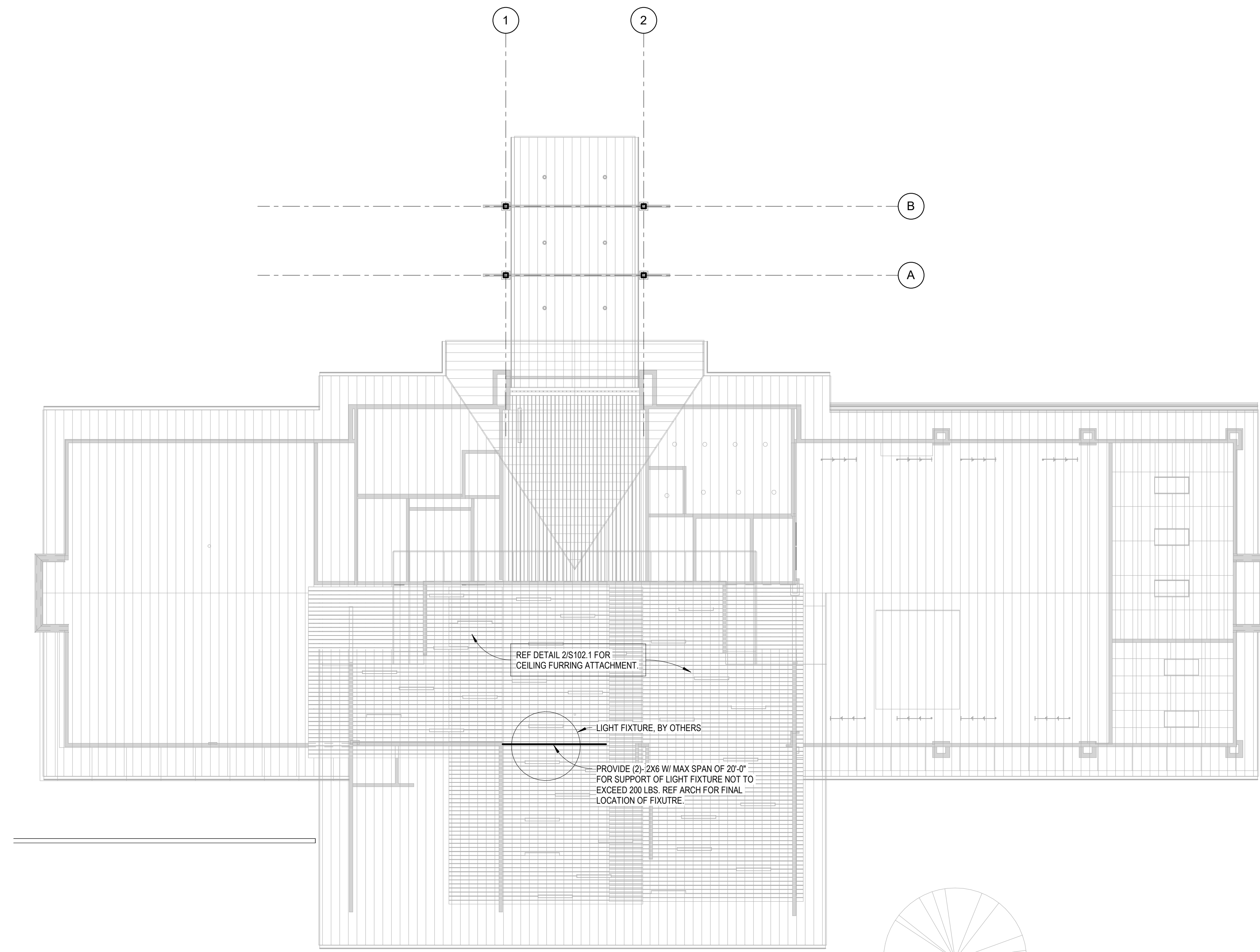
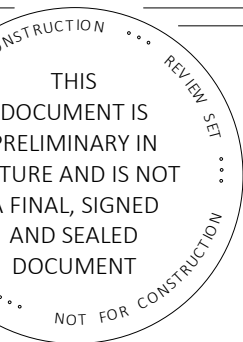
No.	Description	Date

#### REFLECTED CEILING PLAN

#### CONSTRUCTION DOCUMENTS

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DRAWN BY: Author  
CHECKED BY: Checker  
ISSUE DATE: 05.06.2021

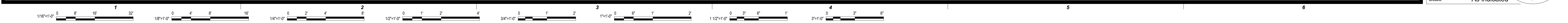
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Scale As indicated



2 CEILING DETAIL  
3/4" = 1'-0"

1 REFLECTED CEILING PLAN  
1/8" = 1'-0"

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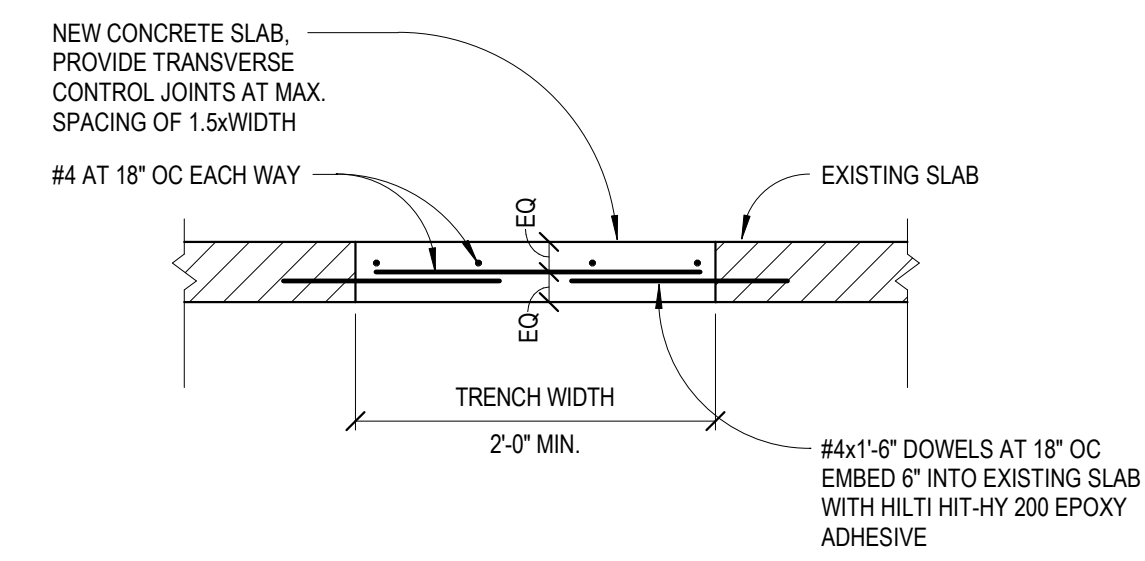
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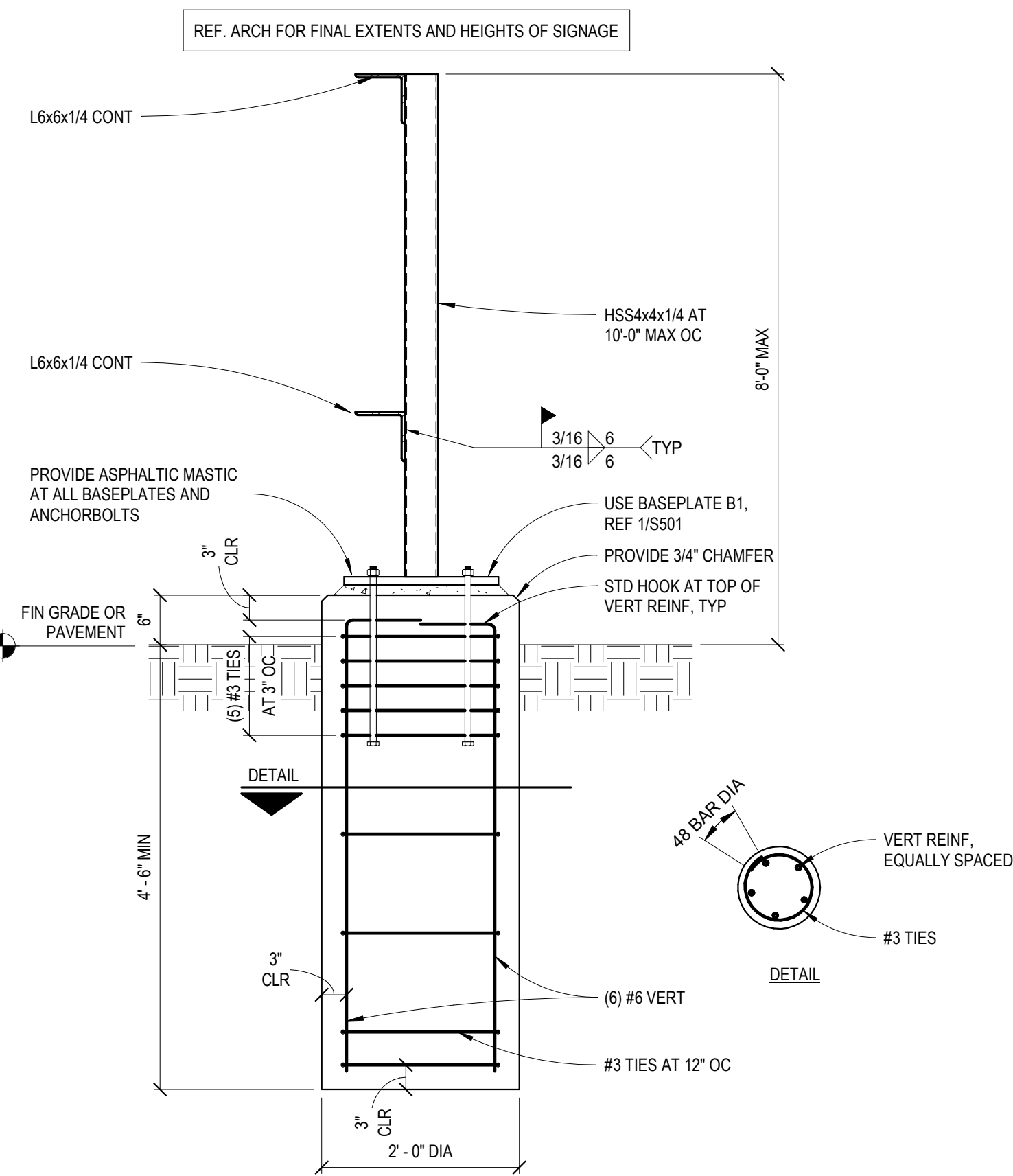
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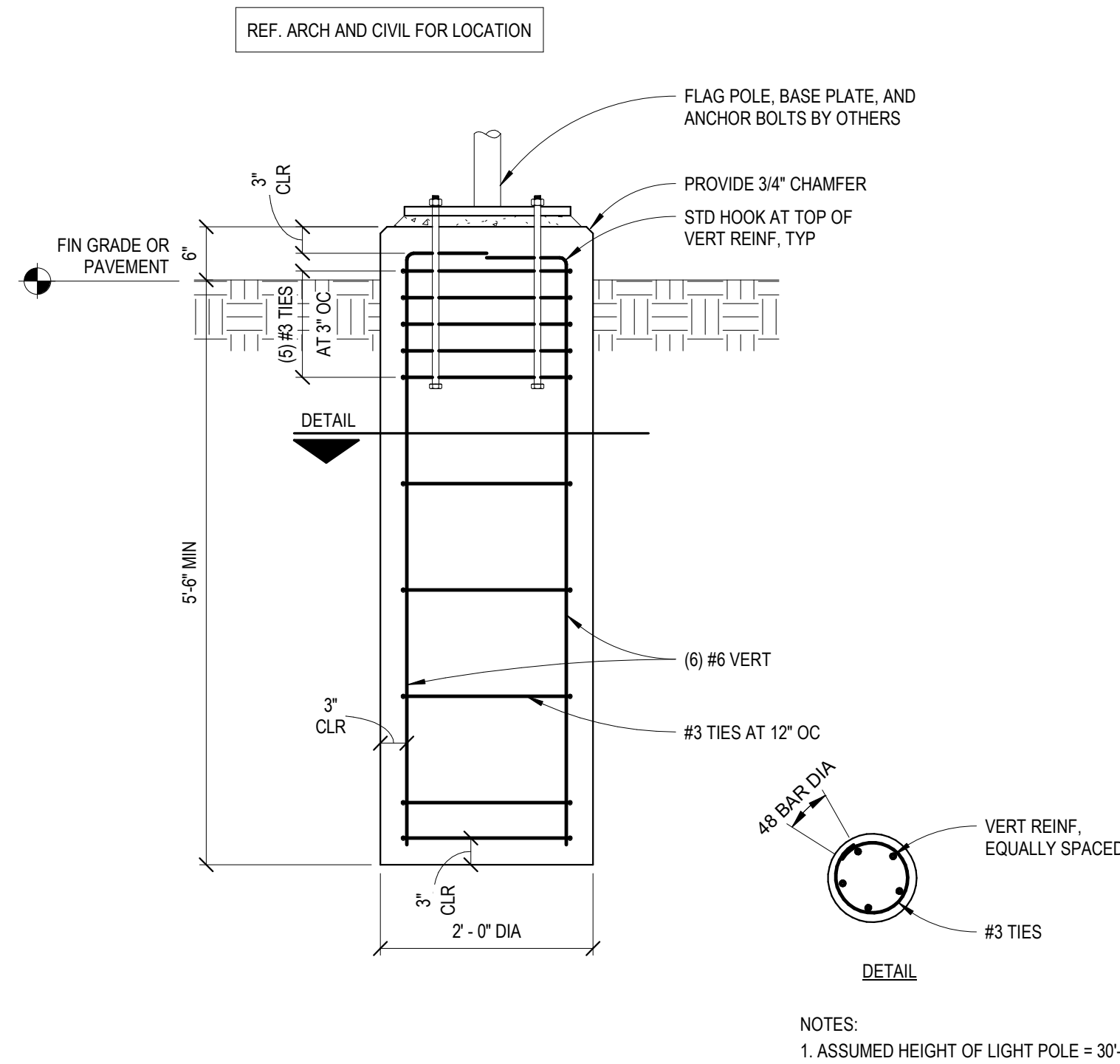
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**8** SLAB TRENCH DETAIL  
3/4" = 1'-0"

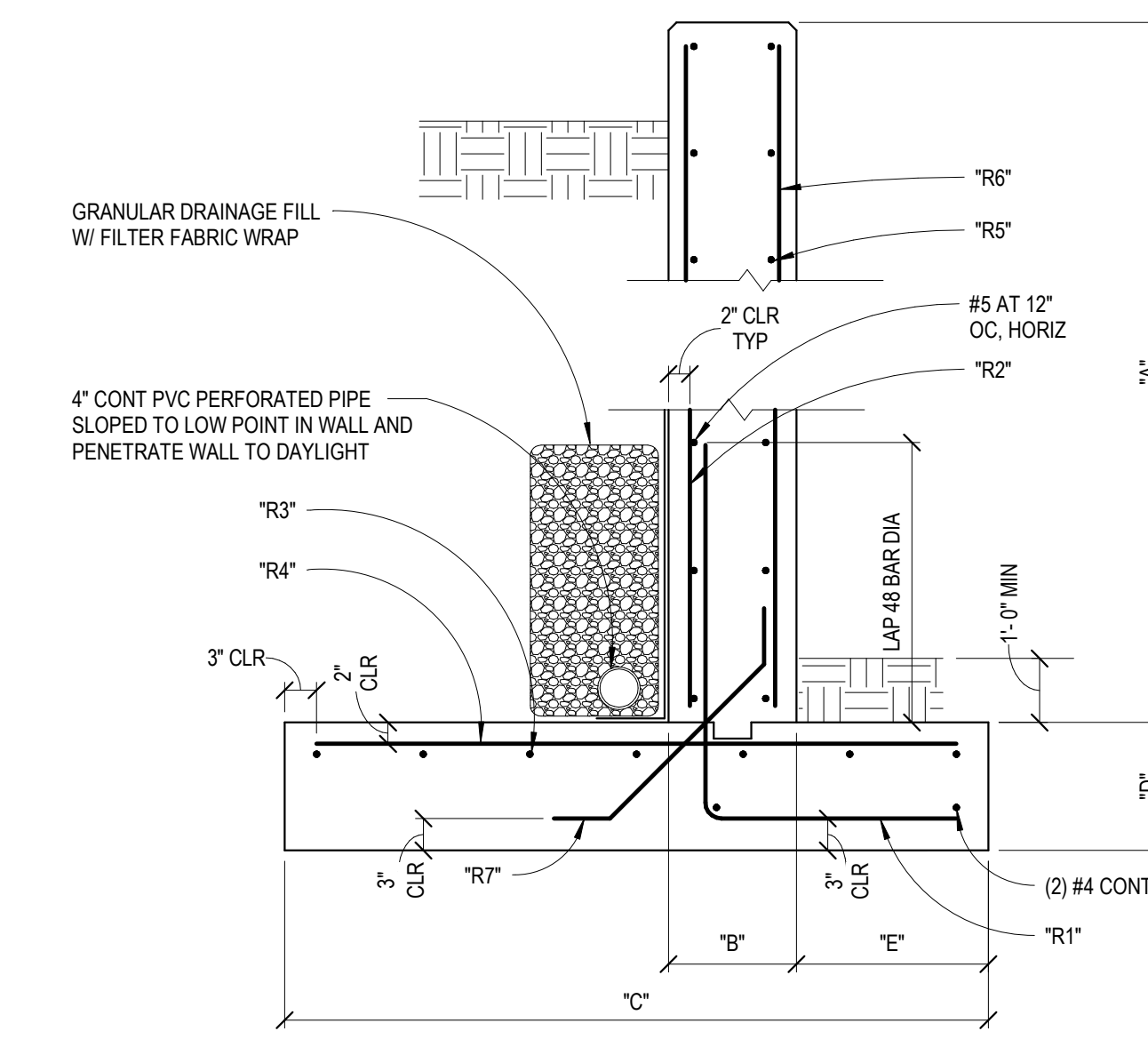


**7** SIGNAGE DETAIL  
3/4" = 1'-0"



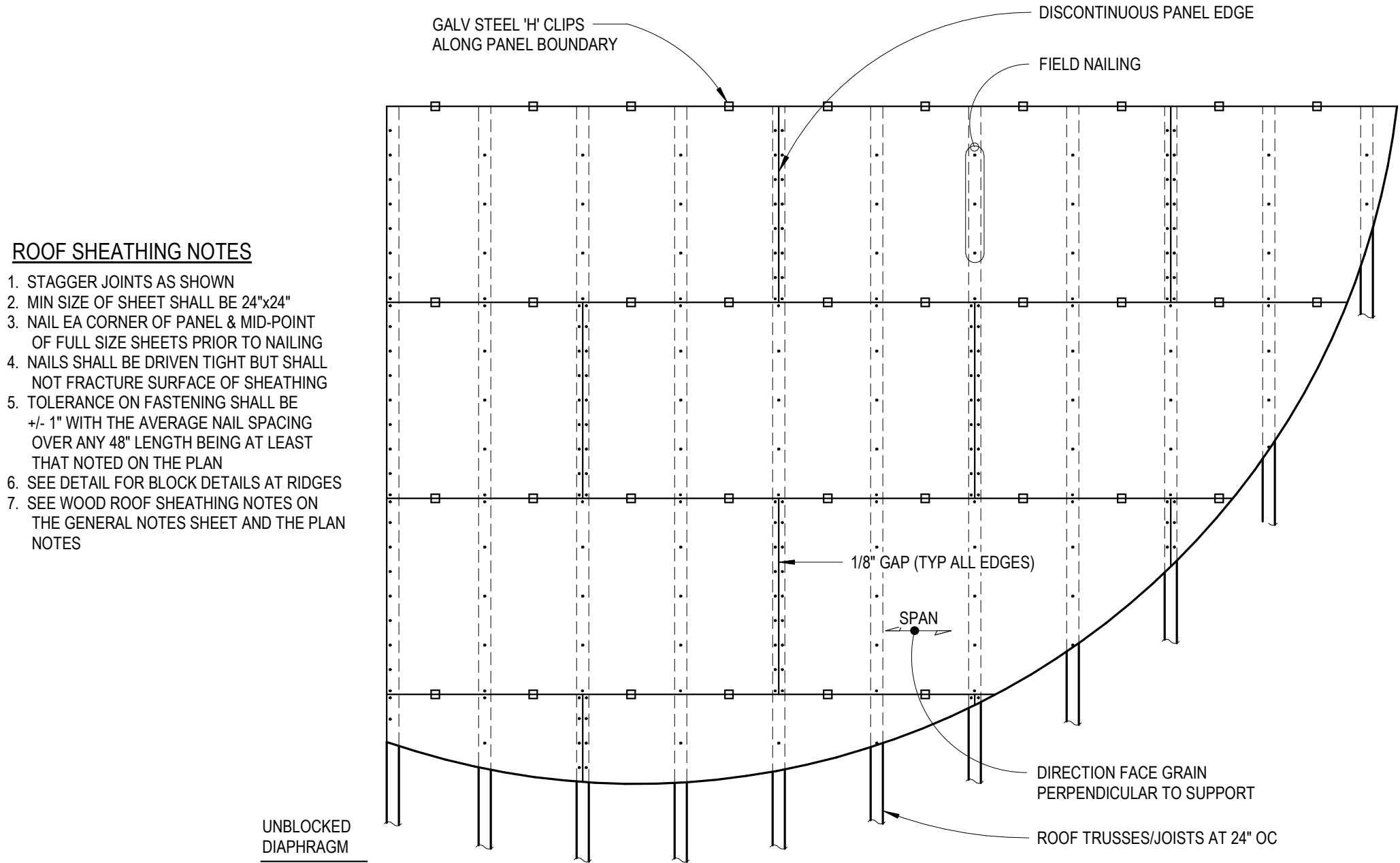
**6** FLAG POLE DETAIL  
3/4" = 1'-0"

WALL TYPE	MAX WALL HEIGHT 'A'	DIMENSIONS					REINFORCING									
		WALL WIDTH 'B'	FTG WIDTH 'C'	FTG THK 'D'	TOE LENGTH 'E'	TOE 'R1'	WALL 'R2'	TOE 'R3'	HEEL 'R4'	WALL 'R5'	WALL 'R6'	WALL 'R7'				
A	11'-0"	1'-0"	8'-9"	1'-6"	3'-4"	#6 AT 12" OC	#6 AT 12" OC	#6 AT 12" OC	#6 AT 12" OC	#6 AT 12" OC	#6 AT 12" OC	NA	NA	NA	NA	
B	8'-0"	8'	6'-0"	1'-6"	2'-0"	#5 AT 12" OC	#6 AT 12" OC	#6 AT 12" OC	#6 AT 12" OC	#6 AT 12" OC	#6 AT 12" OC	NA	NA	NA	NA	



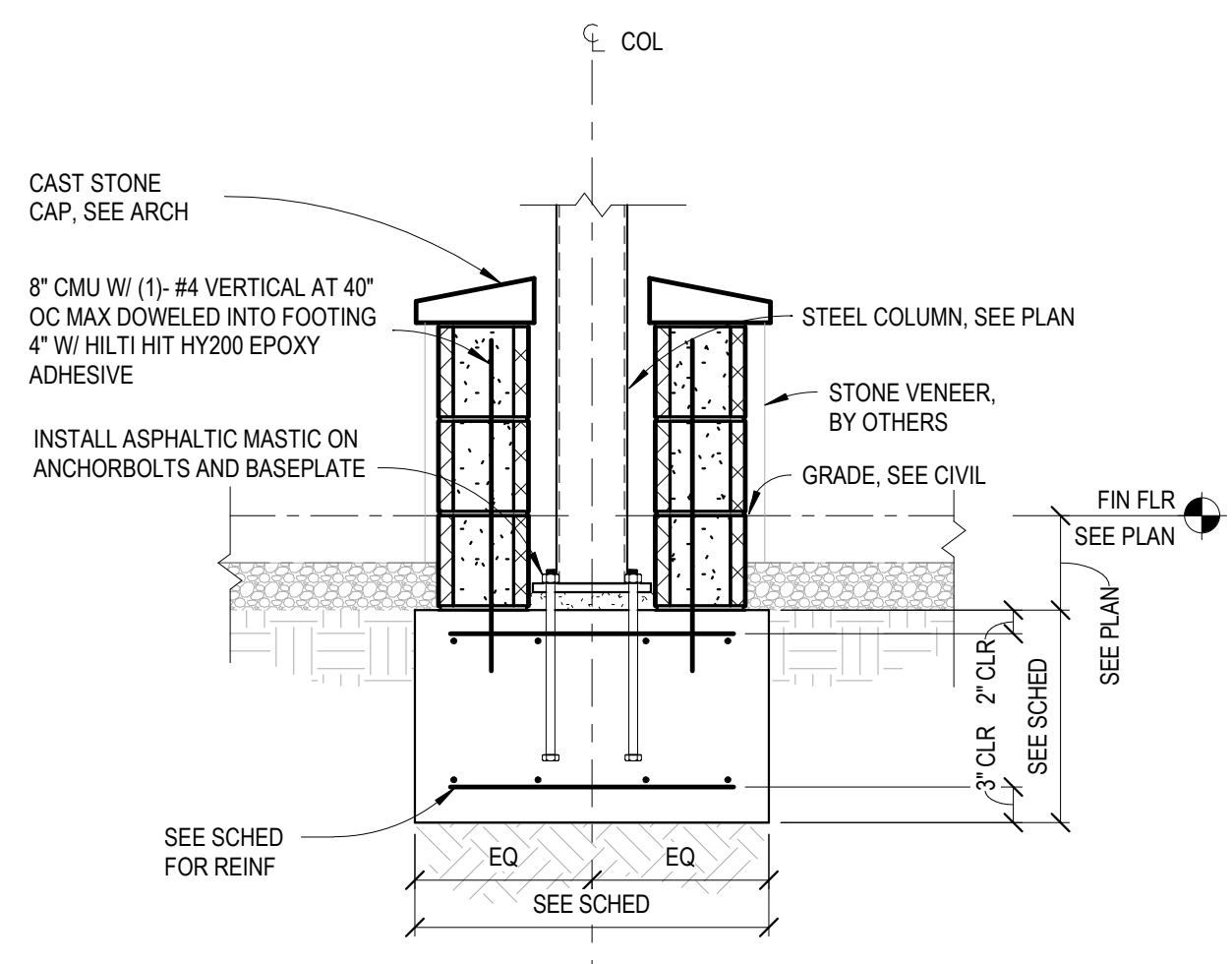
- NOTES:  
1. PROVIDE 3/4" CHAMFER AT ALL EXPOSED CONCRETE CORNERS.  
2. PROVIDE 1" X 1" KEY AT CONTROL AND CONSTRUCTION JOINTS. SPACE AT 15'-0" OC MAX.  
3. TOP MUST BE AT LEAST 1'-0" BELOW FINISH GRADE.  
4. FORMLINER IS IN ADDITION TO THE SPECIFIED WALL WIDTH. TYP UNO.

**5** CONCRETE RETAINING WALL  
3/4" = 1'-0"



- ROOF SHEATHING NOTES**  
1. STAGGER JOINTS AS SHOWN  
2. MIN SIZE OF SHEET SHALL BE 2'X2'  
3. NAIL EA CORNER OF PANEL & MID-POINT OF FULL SIZE SHEETS PRIOR TO NAILING  
4. NAILS SHALL BE DRIVEN TIGHT BUT SHALL NOT FRACTURE SURFACE OF SHEATHING  
5. TOLERANCE ON FASTENING SHALL BE +/- 1" WITH THE AVERAGE NAIL SPACING OVER ANY 40" LENGTH BEING AT LEAST THAT NOTED ON THE PLAN  
6. SEE DETAIL FOR BLOCK DETAILS AT ROIGES  
7. SEE WOOD ROOF SHEATHING NOTES ON THE GENERAL NOTES SHEET AND THE PLAN NOTES

**4** ROOF SHEATHING ON FRAMING  
3/4" = 1'-0"

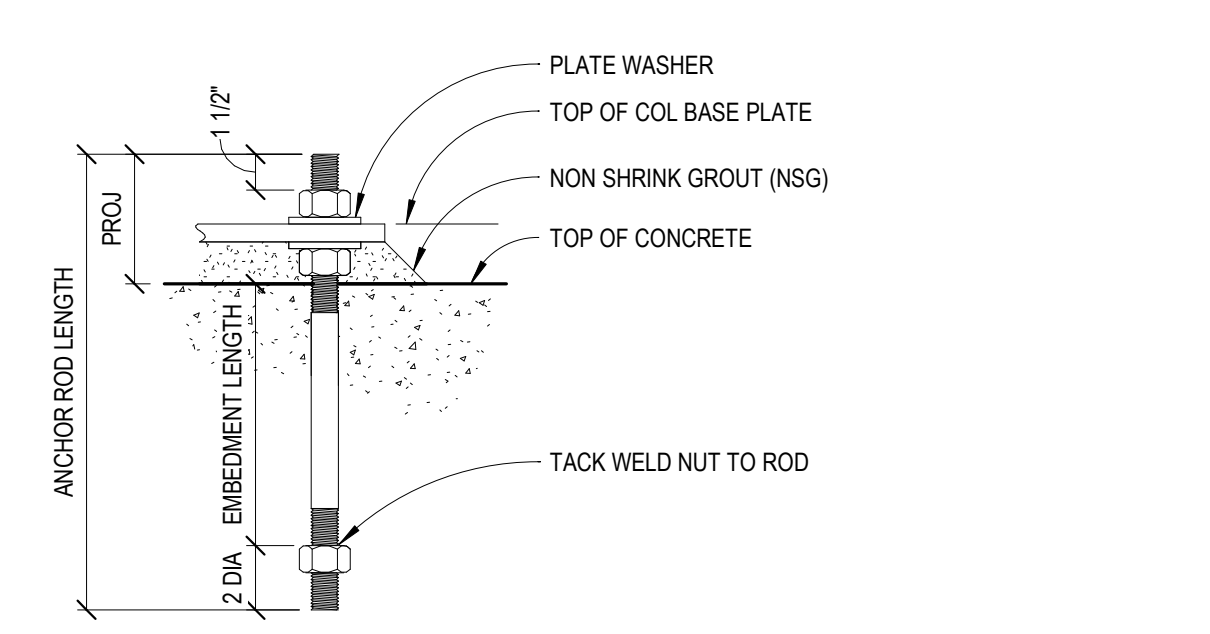


**3** FOOTING DETAIL  
3/4" = 1'-0"

DIA	NSG
≤ 3/4"	1 1/2"
≥ 1"	2"

- NOTES:  
1. SEE BASE PLATE SCHEDULE FOR ANCHOR ROD SIZE AND EMBEDMENT.  
2. ANCHOR RODS SHALL MEET THE REQUIREMENTS OF ASTM F1554 UNLESS NOTED OTHERWISE.  
3. ALL ANCHOR RODS SHALL BE FURNISHED WITH HEAVY HEX NUTS AND CUT WASHERS OF SPECIFICATIONS COMPATIBLE WITH THOSE OF THE THREADED SHANKS UNLESS NOTED OTHERWISE.  
4. FOR CONVENTIONAL COLUMNS (WF AND HSS SHAPES) A NUT SHALL BE PLACED UNDER THE BASE PLATE AND USED FOR LEVELING.  
5. HEADED BOLTS MAY BE SUBSTITUTED FOR RODS AS SHOWN.  
6. NON-SHRINK GROUT (NSG) SHALL BE NONMETALLIC WITH A MINIMUM COMPRESSIVE STRENGTH OF 6,000 PSI AT 28 DAYS.

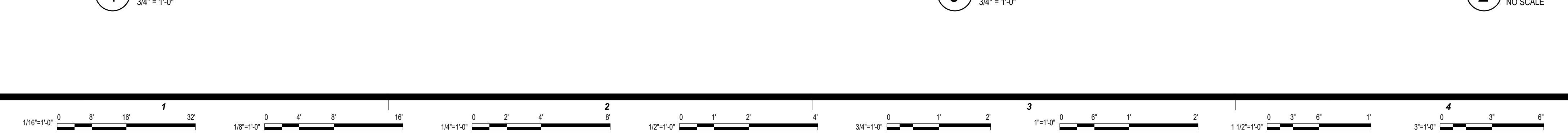
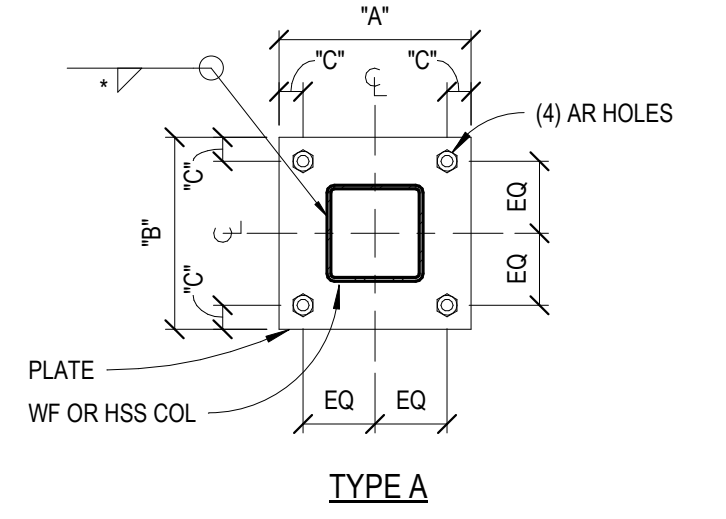
**2** ANCHOR ROD DETAILS  
NO SCALE



MARK	TYPE	THICKNESS	DIMENSIONS				ANCHOR RODS (DIAxEMB)
			"A"	"B"	"C"	"D"	
B1	A	3/4"	1'-0"	1'-0"	1 1/2"	-	3/4" x 1'-0"

- NOTES:  
1. USE OVERSIZED HOLES AND WASHERS FOR ANCHORS RODS ACCORDING TO AISC MANUAL (14 ED.) TABLE 14.2 UNO.  
2. SEE THIS SHEET FOR ANCHOR ROD DETAIL AND GROUT INFORMATION.  
3. \* - INDICATES MINIMUM FILLET WELD PER AISC.

**1** COLUMN BASE PLATE SCHEDULE  
NO SCALE



**CHEROKEE NATION OKLAHOMA**

KEY PLAN

No.	Description	Date

**FOUNDATION DETAILS**

**CONSTRUCTION DOCUMENTS**

PROJECT NO: 21215  
DRAWN BY: Author  
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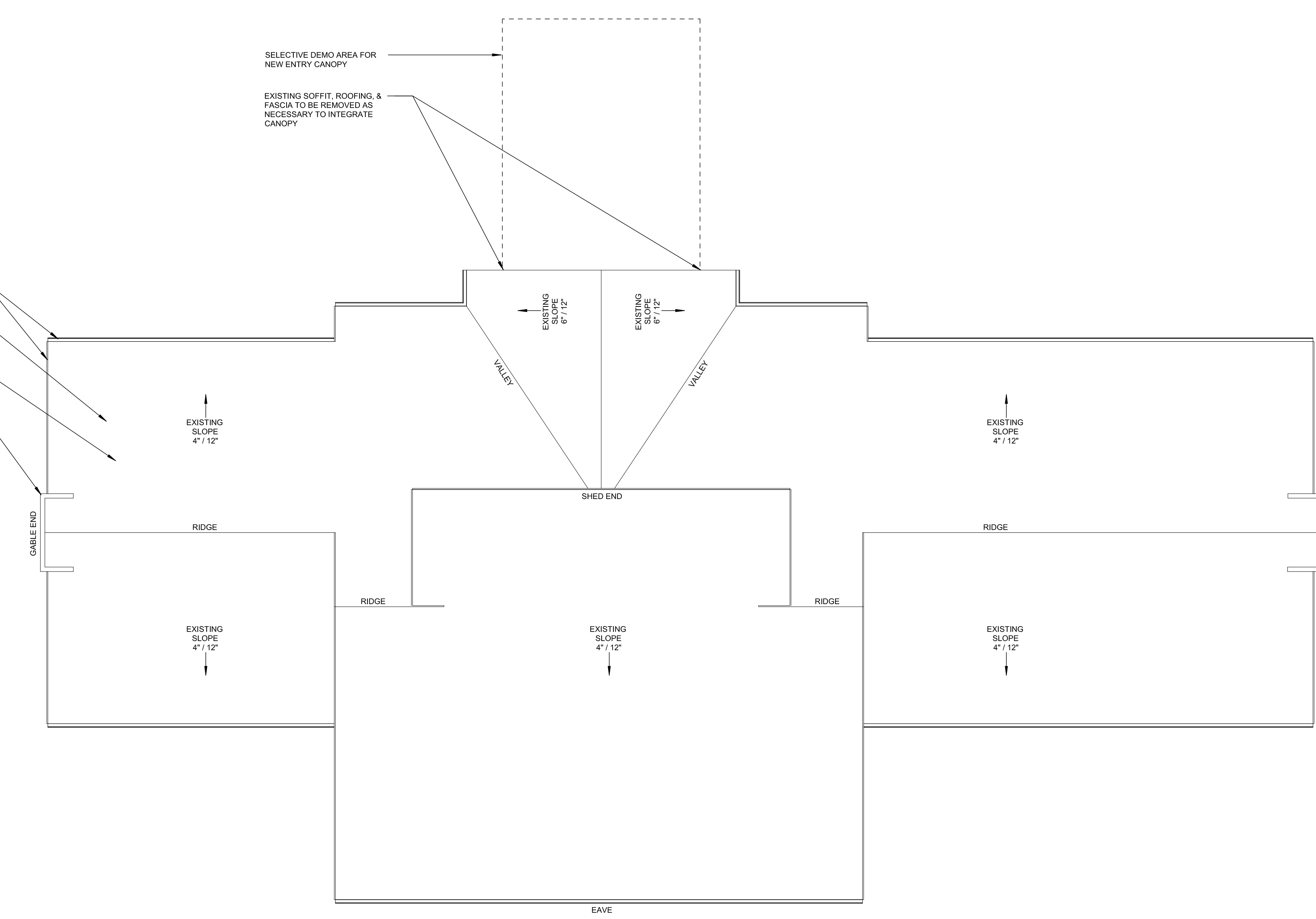
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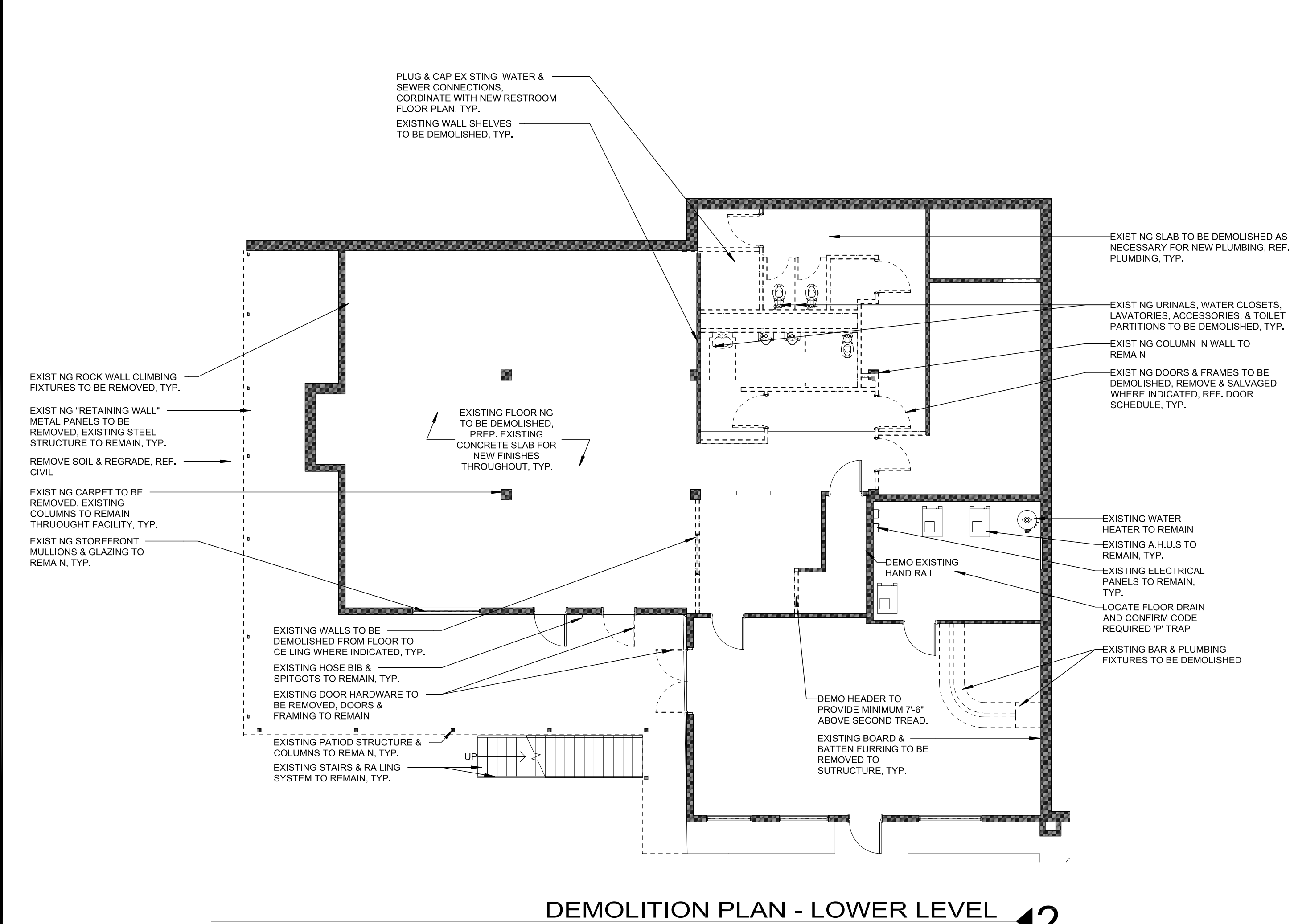
GENERAL DEMOLITION NOTES

- 1. ALL DIMENSIONS AND CONDITIONS TO BE FIELD VERIFIED. THE DEMOLITION DRAWINGS FOR ARCHITECTURAL AND ENGINEERING WORK HAVE BEEN PREPARED USING "AS-DESIGNED" DOCUMENTS PROVIDED BY THE OWNER. NEITHER THE OWNER NOR THE ARCHITECT WARRANT THESE TO BE "AS-BUILT" DOCUMENTS, AND ACTUAL CONDITIONS MAY VARY. THE DEMOLITION WORK INDICATED IS INTENDED TO SHOW THE GENERAL SCOPE OF THE DEMOLITION WORK AND IN NO WAY RELIEVES THE CONTRACTOR FROM PERFORMING ANY AND ALL DEMOLITION REQUIRED TO COMPLETE THE NEW WORK.
2. REQUIRED DEMOLITION SHALL NOT BE LIMITED TO THAT PORTION ON PLANS, BUT SHALL INCLUDE ALL NECESSARY WORK (OR INCIDENTAL THERE) TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. REMOVE FLOOR, WALL, AND CEILING FINISHES AS INDICATED.
4. REMOVE WALL MOUNTED MARKER BOARDS, TACK BOARDS, FIRE EXTINGUISHERS, HAND SANITIZERS, ETC., AND COORDINATE WITH OWNER ON ITEMS TO BE REINSTALLED, REINSTALL WHERE DIRECTED BY OWNER, STORE ITEMS AS NECESSARY FOR REINSTALLATION.
5. OWNER TO REMOVE ALL FREE STANDING FURNITURE & SHELVEING.
6. REMOVE PORTIONS OF SLAB NECESSARY FOR NEW PLUMBING PER MEP SHEETS. REPAIR AND PATCH SLAB TO BE FLUSH WITH EXISTING.
7. REFER TO MEP GENERAL AND DEMOLITION NOTES FOR MAINTAINING BUILDING SYSTEMS.
8. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION PLANS & FOR BUILDING SYSTEMS TO BE DEMOLISHED, CAPPED OR ABANDONED IN PLACE.
9. ALL EXPOSED SURFACES (FLOORS, COLUMNS, ETC.) NOTED IN THE FLOORPLAN AND REFLECTED CEILING PLAN SHALL RECEIVE A NEW FINISH (CARPET, PAINT, ETC.) AND MUST BE PREPPED (SANDED, SCRAPED, ETC) FOR FUTURE FINISH AS A PART OF DEMOLITION.
10. CONTRACTOR TO COORDINATE WITH OWNER THE STORAGE OF ALL SALVAGED AND REUSED ITEMS, UNLESS SPECIFICALLY NOTED OTHERWISE OR REQUESTED BY OWNER.
11. DEMO ALL WOOD WALL PANELING UNLESS NOTED OTHERWISE AND PRESERVE SUBSURFACE AT ALL LOCATIONS.
12. DEMO AND SALVAGE ALL EXISTING LIGHT FIXTURES, UNLESS NOTED OTHERWISE.
13. ALL FLOOR REGISTERS TO REMAIN UNLESS NOTED OTHERWISE. ALL FLOOR REGISTERS TO RECEIVE NEW COVERS, RE: MEP.
14. PLUG & CAP SEWER & WATER CONNECTIONS FOR FIXTURES THAT WILL NOT BE REPLACED. REFERENCE FLOOR PLAN TYPICAL.
15. REMOVE ALL EXISTING CONSTRUCTIONS AND FINISHES NECESSARY FOR THE COMPLETION OF THE WORK AS DEPICTED ON THE DRAWINGS, INCLUDING BUT NOT LIMITED TO: ITEMS SHOWN ON THE PLANS WITH DASHED LINES, NECESSARY DISCONNECTS AND ALTERATIONS TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INCLUDED. PATCH AS REQUIRED ALL CONSTRUCTIONS TO REMAIN IN ACCORDANCE WITH THE CONTRACT DRAWINGS, WHERE CONTRACTOR DESIGNATED TO MAKE REMOVALS, DISPOSITION OF MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY WITH OWNER THE DISPOSITION AND REMOVAL OF ANY COMPONENTS OF SALVAGEABLE VALUE.
16. FOR ANY NEW LIGHTING INDICATED IN DOCUMENTS, SALVAGE AND REUSE EXISTING ELECTRICAL COMPONENTS AS NEEDED, RE: ELECTRICAL.
17. WHERE APPLICABLE LEVEL ALL EXISTING FLOORS AS REQUIRED TO RECEIVE NEW FLOOR FINISHES, INSTALL REQUIRED TRANSITION PIECES BETWEEN VARIOUS FLOOR FINISHES SUITABLE FOR CONDITIONS AND ACCEPTABLE TO THE OWNER.
18. PROTECT ALL EXISTING STRUCTURE, SYSTEMS, FINISHES AND GENERAL CONSTRUCTION THAT ARE TO REMAIN THROUGHOUT THE COURSE OF THE WORK TO PREVENT DAMAGE OR LOSS, ANY SUCH DAMAGE CAUSED DURING THE COURSE OF THIS WORK WILL BE REPAIRED AT THE CONTRACTORS EXPENSE BEFORE THIS WORK IS CONCLUDED.
19. CONTRACTOR IS RESPONSIBLE FOR ALL PATCHING NECESSARY TO COMPLETE THE NEW WORK.
20. IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIALS OR FINISHES, CONSULT ARCHITECT/DESIGNER FOR DIRECTION.
21. PREP ALL SURFACES TO RECEIVE NEW FINISHES ACCORDING TO SPECIFICATIONS.
22. REMOVE ONLY NON-LOAD BEARING CONSTRUCTION AND PARTITIONS. CONTRACTOR TO VERIFY, PRIOR TO REMOVAL, THAT NO STRUCTURAL COMPONENTS, I.E. BEARING WALLS, BEAMS, HEADERS, ETC., SUPPORTING FLOOR, ROOF OR CEILING JOISTS ARE DESIGNATED FOR REMOVAL. CONTACT THE ARCHITECT PRIOR TO REMOVAL OF ANY CONSTRUCTION IN QUESTION OR DEVIATING FROM THE DESIGN INTENT. CONTRACTORS NON-CONTACT OF ARCHITECT PRIOR TO REMOVAL OF ANY WORK INDICATES HIS COMPLETE UNDERSTANDING THAT NO LOAD BEARING OR STRUCTURAL WORK IS BEING ALTERED UNDER THIS CONTRACT.
23. WHERE APPLICABLE LEVEL ALL EXISTING FLOORS AS REQUIRED TO RECEIVE NEW FLOOR FINISHES, INITIAL REQUIRED TRANSITION PIECES BETWEEN VARIOUS FLOOR FINISHES SUITABLE FOR CONDITIONS AND ACCEPTABLE TO THE OWNER. MATCH EXISTING WHEREVER POSSIBLE.
24. WHERE REMOVAL OF PARTITIONS RESULTS IN ADJACENT SPACES BECOMING ONE, REMOVE FLOORS, WALLS, AND CEILING TO PROVIDE SMOOTH TRANSITIONS WITHOUT BREAK STEPS, OR BULKHEADS.
25. ALL EXISTING HOLES / CRACKS IN SLABS AND THOSE RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE FILLED / PREPARED AND SURFACE PATCHED SMOOTH AND LEVEL WITH ADJACENT FLOOR SURFACES.
26. ANY EXISTING CONDITIONS WHICH ARE INCONSISTENT WITH CONTRACT DRAWINGS RELEVANT TO THIS CONTRACT SHALL BE REPORTED TO THE ARCHITECT.
27. APPLY SELF-LEVELING COMPOUND TO FLOORING WHERE CMU WALLS ARE DEMOLISHED, GRIND FLOOR PRIOR TO APPLYING SELF-LEVELING COMPOUND IF REQUIRED TO ALLOW FOR LEVEL FLOOR SURFACE.
28. WHEREVER EXISTING EQUIPMENT, PIPING, DUCTS, ETC., ARE REQUIRED TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGARS, BRACING, FOUNDATION, ETC. AFTER REMOVAL, AFFECTED CONSTRUCTION AND SURFACES, SUCH AS FLOORS, WALLS, BASES, AND CEILINGS, SHALL BE FINISHED TO MATCH ADJACENT SURFACES UNLESS OTHERWISE NOTED. ALL WINDOW COVERINGS TO BE DEMOLISHED UNLESS NOTED OTHERWISE.

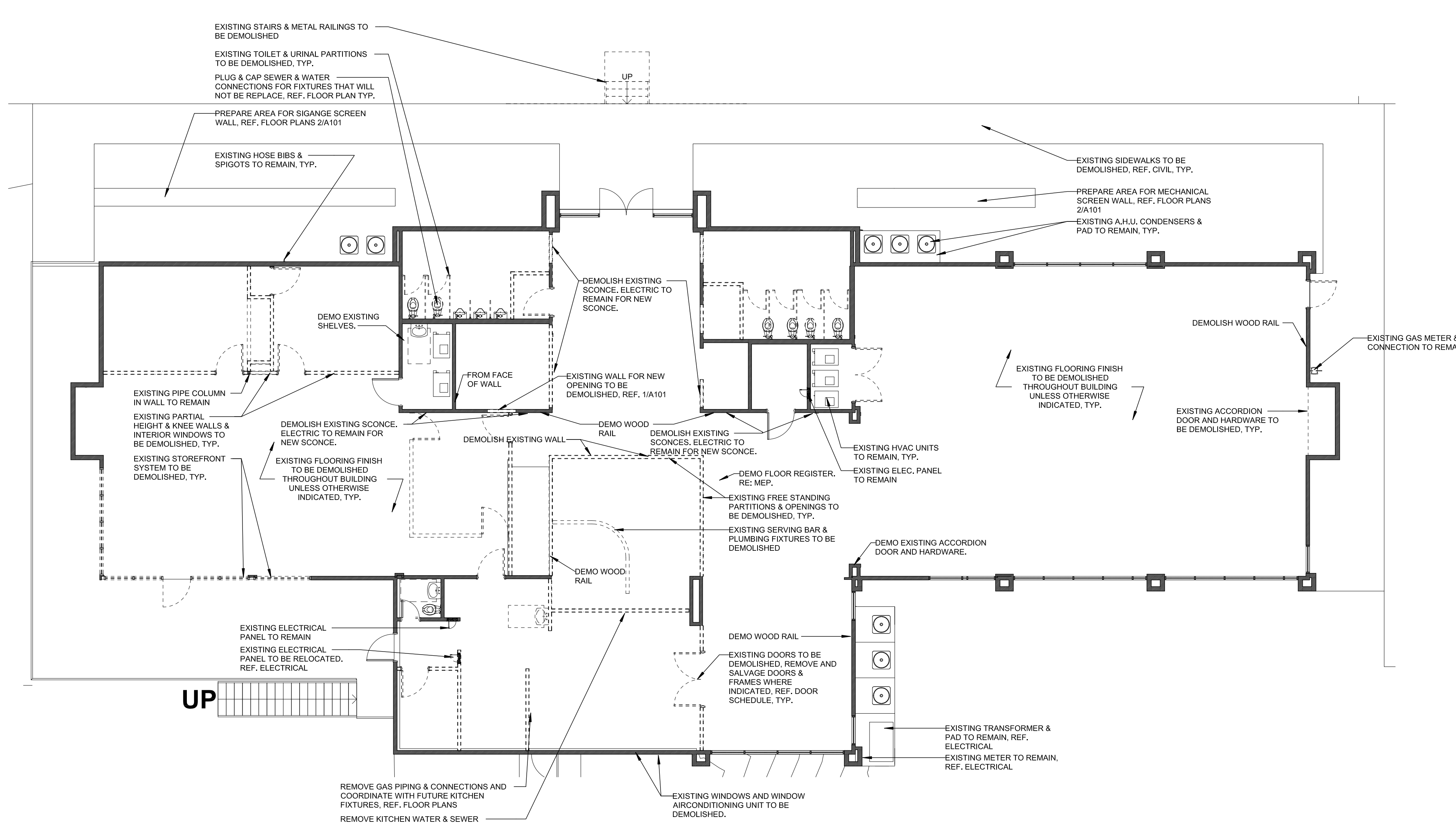
EXISTING GUTTERS & FASCIA TO BE PREPARED FOR NEW PAINT, REPLACE AS NECESSARY, TYP.
EXISTING METAL PANEL ROOFING TO BE PREPARED FOR NEW PAINT, REPLACE AS NECESSARY, TYP.
EXISTING SUBSTRATE & WEATHER BARRIERS TO BE PATCHED & REPAIRED AS NECESSARY, TYP.
EXISTING STONE VENEER TO REMAIN, PREP PARAPET FOR NEW COPINGS, TYP.



DEMOLITION PLAN - ROOF 1/8" = 1'-0" AD101



DEMOLITION PLAN - LOWER LEVEL 1/8" = 1'-0" AD101



DEMOLITION PLAN - MAIN LEVEL 1/8" = 1'-0" AD101

CHEROKEE NATION VINITA, OKLAHOMA

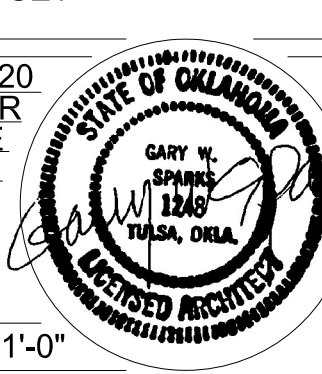
DEMOLITION - FLOOR PLAN

Table with columns: No., Description, Date. It is currently empty.

BID SET

PROJECT NO: 111-049.20
DRAWN BY: TAR
CHECK BY: BTE
REVISION DATE: 5/7/2021

AD101
Scale 1/8" = 1'-0"



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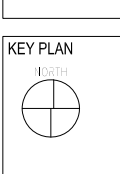
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Tulsa, Oklahoma 74119  
918.576.6700

**MECHANICAL, ELECTRICAL,  
PLUMBING, & FIRE PROTECTION  
ENGINEERING**  
PHILLIPS + GOMEZ  
15 West 6th Street, Suite 2510  
Tulsa, Oklahoma 74119  
918.584.0102

**PROJECT**  
CHEROKEE NATION  
VINITA, OKLAHOMA



No.	Description	Date

**SHEET TITLE**  
DEMOLITION - REFLECTED CEILING  
PLAN

BID SET

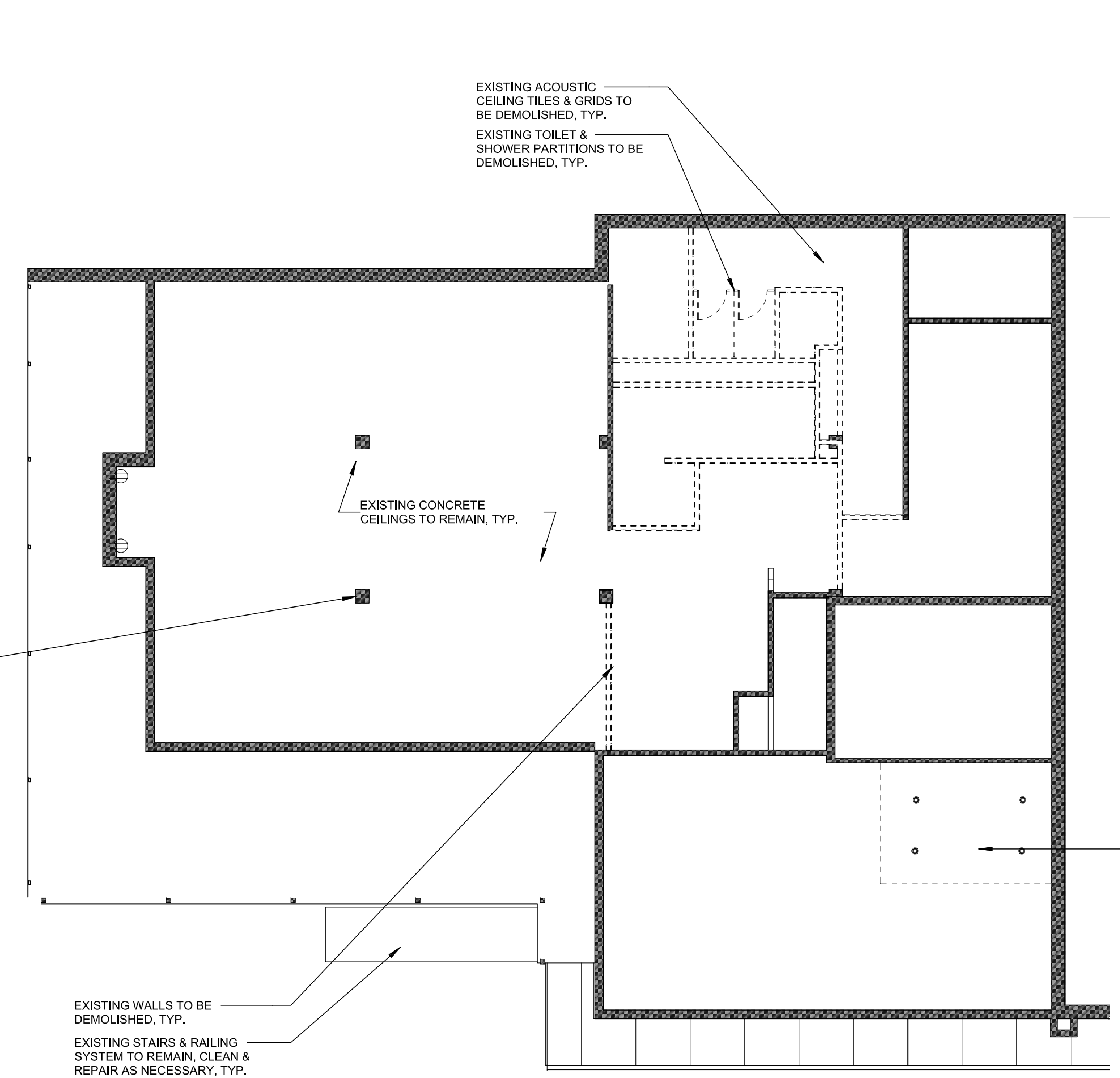
PROJECT NO: 111-049.20  
DRAWN BY: TAR  
CHECKED BY: BTE  
DATE: 5/7/2021

**AD102**  
Scale 1/8" = 1'-0"

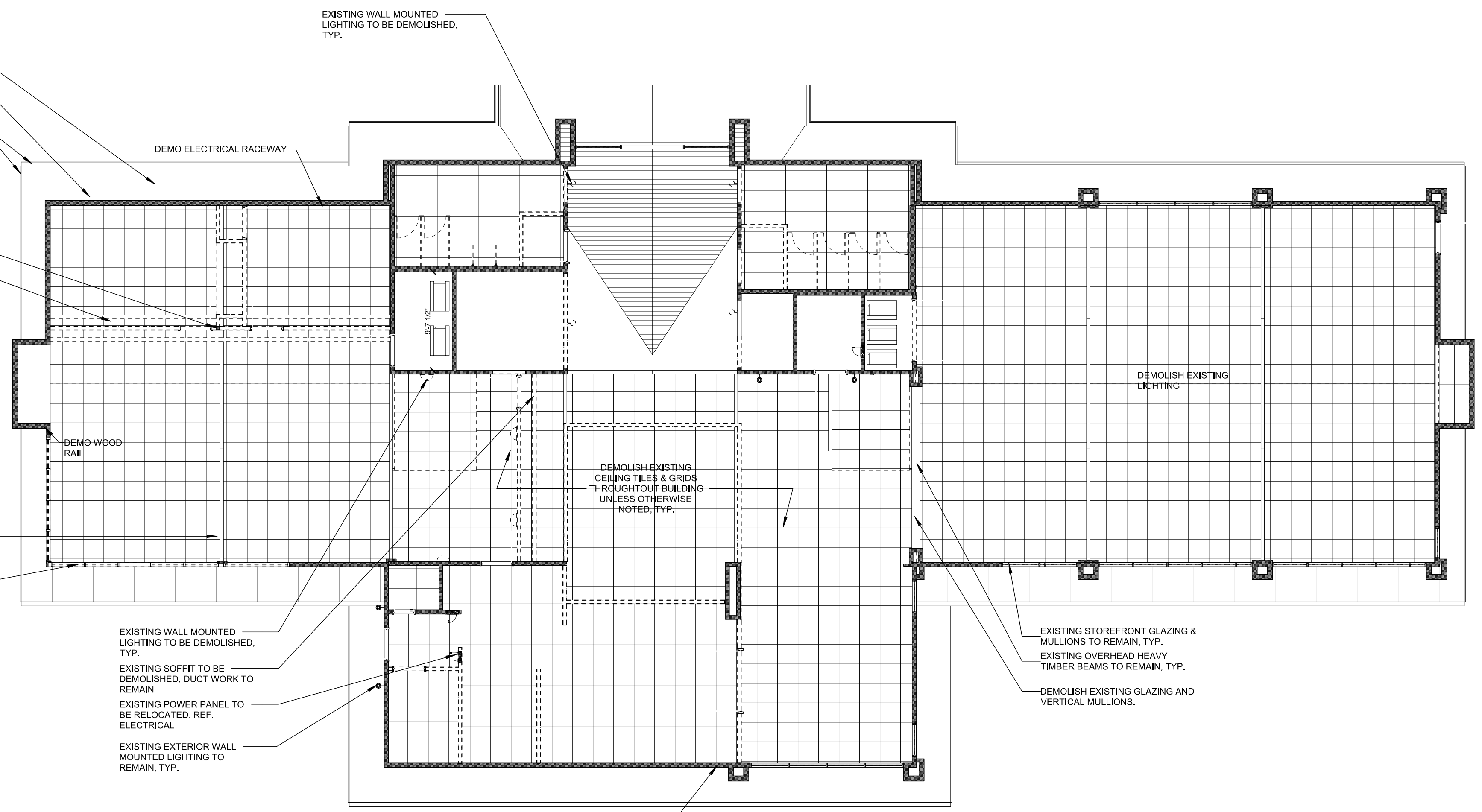


**GENERAL DEMOLITION NOTES**

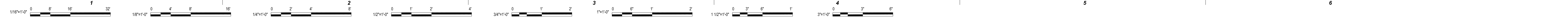
- ALL DIMENSIONS AND CONDITIONS TO BE FIELD VERIFIED.
- THE DEMOLITION DRAWINGS FOR ARCHITECTURAL AND ENGINEERING WORK HAVE BEEN PREPARED USING "AS-DESIGNED" DOCUMENTS PROVIDED BY THE OWNER, NEITHER THE OWNER NOR THE ARCHITECT WARRANT THESE TO BE "AS-BUILT" DOCUMENTS, AND ACTUAL CONDITIONS MAY VARY. THE DEMOLITION WORK INDICATED IS INTENDED TO SHOW THE GENERAL SCOPE OF THE DEMOLITION WORK AND IN NO WAY RELIEVES THE CONTRACTOR FROM PERFORMING ANY AND ALL DEMOLITION REQUIRED TO COMPLETE THE NEW WORK.
- REQUIRED DEMOLITION SHALL NOT BE LIMITED TO THAT PORTION ON PLANS, BUT SHALL INCLUDE ALL NECESSARY WORK (OR INCIDENTAL) THERE TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- REMOVE FLOOR, WALL AND CEILING FINISHES AS INDICATED.
- REMOVE WALL MOUNTED MARKER BOARDS, TACK BOARDS, FIRE EXTINGUISHERS, HAND SANITIZERS, ETC. AND COORDINATE WITH OWNER ON ITEMS TO BE REINSTALLED, REINSTALL WHERE DIRECTED BY OWNER, STORE ITEMS AS NECESSARY FOR REINSTALLATION.
- OWNER TO REMOVE ALL FREE STANDING FURNITURE & SHELVING.
- REMOVE PORTIONS OF SLAB NECESSARY FOR NEW PLUMBING PER MEP SHEETS, REPAIR AND PATCH SLAB TO BE FLUSH WITH EXISTING.
- REFER TO MEP GENERAL AND DEMOLITION NOTES FOR MAINTAINING BUILDING SYSTEMS.
- REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION PLANS & FOR BUILDING SYSTEMS TO BE DEMOLISHED, CAPPED OR ABANDONED IN PLACE.
- ALL EXPOSED SURFACES (FLOORS, COLUMNS, ETC) NOTED IN THE FLOORPLAN AND REFLECTED CEILING PLAN SHALL RECEIVE A NEW FINISH (CARPET, PAINT, ETC) AND MUST BE PREPARED (SANDED, SCRAPED, ETC) FOR FUTURE FINISH AS A PART OF DEMOLITION.
- CONTRACTOR TO COORDINATE WITH OWNER THE STORAGE OF ALL SALVAGED AND REUSED ITEMS, UNLESS SPECIFICALLY NOTED OTHERWISE OR REQUESTED BY OWNER.
- DEMO ALL WOOD WALL PANELING UNLESS NOTED OTHERWISE AND PRESERVE SUBSURFACE AT ALL LOCATIONS.
- DEMO AND SALVAGE ALL EXISTING LIGHT FIXTURES, UNLESS NOTED OTHERWISE.
- ALL FLOOR REGISTERS TO REMAIN UNLESS NOTED OTHERWISE, ALL FLOOR REGISTERS TO RECEIVE NEW COVERS, RE: MEP, FLOOR & CAP SEWER & WATER CONNECTIONS FOR FIXTURES THAT WILL NOT BE REPLACED, REFERENCE FLOOR PLAN TYPICAL.
- REMOVE ALL EXISTING CONSTRUCTIONS AND FINISHES NECESSARY FOR THE COMPLETION OF THE WORK AS DEPICTED ON THE DRAWINGS, INCLUDING BUT NOT LIMITED TO, ITEMS SHOWN ON THE PLANS WITH DASHED LINES. NECESSARY DISCONNECTS AND ALTERATIONS TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INCLUDED. PATCH AS REQUIRED. ALL CONSTRUCTIONS TO REMAIN IN ACCORDANCE WITH THE CONTRACT DRAWINGS. WHERE CONTRACTOR DESIGNATED TO MAKE REMOVALS, DISPOSITION OF MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY WITH OWNER THE DISPOSITION AND REMOVAL OF ANY COMPONENTS OF SALVAGEABLE VALUE.
- FOR ANY NEW LIGHTING INDICATED IN DOCUMENTS, SALVAGE AND REUSE EXISTING ELECTRICAL COMPONENTS AS NEEDED, RE: ELECTRICAL.
- WHERE APPLICABLE, LEVEL ALL EXISTING FLOORS AS REQUIRED TO RECEIVE NEW FLOOR FINISHES. INSTALL REQUIRED TRANSITION PIECES BETWEEN VARIOUS FLOOR FINISHES SUITABLE FOR CONDITIONS AND ACCEPTABLE TO THE OWNER.
- PROTECT ALL EXISTING STRUCTURE, SYSTEMS, FINISHES AND GENERAL CONSTRUCTION THAT ARE TO REMAIN THROUGHOUT THE COURSE OF THE WORK TO PREVENT DAMAGE OR LOSS. ANY SUCH DAMAGE CAUSED DURING THE COURSE OF THIS WORK WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE BEFORE THIS WORK IS CONCLUDED.
- CONTRACTOR IS RESPONSIBLE FOR ALL PATCHING NECESSARY TO COMPLETE THE NEW WORK.
- IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIALS OR FINISHES, CONSULT ARCHITECT/DESIGNER FOR DIRECTION.
- PREP ALL SURFACES TO RECEIVE NEW FINISHES ACCORDING TO SPECIFICATIONS.
- REMOVE ONLY NON-LOAD BEARING CONSTRUCTION AND PARTITIONS. CONTRACTOR TO VERIFY, PRIOR TO REMOVAL, THAT NO STRUCTURAL COMPONENTS, I.E. BEARING WALLS, BEAMS, HEADERS, ETC., SUPPORTING FLOOR, ROOF OR CEILING JOISTS ARE DESIGNATED FOR REMOVAL. CONTACT THE ARCHITECT PRIOR TO REMOVAL OF ANY CONSTRUCTION IN QUESTION OR DEVIATING FROM THE DESIGN INTENT. CONTRACTOR'S NON-CONTACT OF ARCHITECT PRIOR TO REMOVAL OF ANY WORK INDICATES HIS COMPLETE UNDERSTANDING THAT NO LOAD BEARING OR STRUCTURAL WORK IS BEING ALTERED UNDER THIS CONTRACT.
- WHERE APPLICABLE LEVEL ALL EXISTING FLOORS AS REQUIRED TO RECEIVE NEW FLOOR FINISHES. INSTALL REQUIRED TRANSITION PIECES BETWEEN VARIOUS FLOOR FINISHES SUITABLE FOR CONDITIONS AND ACCEPTABLE TO THE OWNER. MATCH EXISTING WHEREVER POSSIBLE.
- WHERE REMOVAL OF PARTITIONS RESULTS IN ADJACENT SPACES BECOMING ONE, REWORK FLOORS, WALLS, AND CEILING TO PROVIDE SMOOTH TRANSITIONS WITHOUT BREAK, STEPS, OR BULKHEADS.
- ALL EXISTING HOLES / CRACKS IN SLAB AND THOSE RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE FILLED / PREPARED AND SURFACE PATCHED SMOOTH AND LEVEL WITH ADJACENT FLOOR SURFACES.
- ANY EXISTING CONDITIONS WHICH ARE INCONSISTENT WITH CONTRACT DRAWINGS RELEVANT TO THIS CONTRACT SHALL BE REPORTED TO THE ARCHITECT.
- APPLY SELF-LEVELING COMPOUND TO FLOORING WHERE CURB WALLS ARE DEMOLISHED. GRIND FLOOR PRIOR TO APPLYING SELF-LEVELING COMPOUND IF REQUIRED TO ALLOW FOR LEVEL FLOOR SURFACE.
- WHEREVER EXISTING EQUIPMENT, PIPING, DUCTS, ETC., ARE REQUIRED TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGARS, BRACKING, FOUNDATION, ETC. AFTER REMOVAL, AFFECTED CONSTRUCTION AND SURFACES, SUCH AS FLOORS, WALLS, BASES, AND CEILINGS, SHALL BE FINISHED TO MATCH ADJACENT SURFACES UNLESS OTHERWISE NOTED. ALL WINDOW COVERINGS TO BE DEMOLISHED UNLESS NOTED OTHERWISE.
- 



DEMOLITION REFLECTED CEILING PLAN - LOWER LEVEL  
1/8" = 1'-0" AD102



DEMOLITION REFLECTED CEILING PLAN - MAIN LEVEL  
1/8" = 1'-0" AD102



### GENERAL DEMOLITION NOTES

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3. REQUIRED DEMOLITION SHALL NOT BE LIMITED TO THAT PORTION ON PLANS, BUT SHALL INCLUDE ALL NECESSARY WORK OR INCIDENTAL THERE TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
4. REMOVE FLOOR, WALL, AND CEILING FINISHES AS INDICATED.
5. REMOVE WALL MOUNTED MARKER BOARDS, TACK BOARDS, FIRE EXTINGUISHERS, HAND SANITIZERS, ETC. AND COORDINATE WITH OWNER ON ITEMS TO BE REINSTALLED, REINSTALL WHERE DIRECTED BY OWNER. STORE ITEMS AS NECESSARY FOR REINSTALLATION.
6. OWNER TO REMOVE ALL FREE STANDING FURNITURE & SHELVING.
7. REMOVE PORTIONS OF SLAB NECESSARY FOR NEW PLUMBING PER MEP SHEETS. REPAIR AND PATCH SLAB TO BE FLUSH WITH EXISTING.
8. REFER TO GENERAL AND DEMOLITION NOTES FOR MAINTAINING BUILDING SYSTEMS.
9. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION PLANS & FOR BUILDING SYSTEMS TO BE DEMOLISHED, CAPPED OR ABANDONED IN PLACE.
10. ALL EXPOSED SURFACES (FLOORS, COLLARNS, ETC) NOTED IN THE FLOORPLAN AND REFLECTED CEILING PLAN SHALL RECEIVE A NEW FINISH (CARPET, PAINT, ETC) AND MUST BE PREPARED (SAND, SCRAPED, ETC) FOR FUTURE FINISH AS A PART OF DEMOLITION.
11. CONTRACTOR TO COORDINATE WITH OWNER THE STORAGE OF ALL SALVAGED AND REUSED ITEMS, UNLESS SPECIFICALLY NOTED OTHERWISE OR REQUESTED BY OWNER.
12. DEMO ALL WOOD WALL PANELING UNLESS NOTED OTHERWISE AND PRESERVE SUBSURFACE AT ALL LOCATIONS.
13. DEMO AND SALVAGE ALL EXISTING LIGHT FIXTURES, UNLESS NOTED OTHERWISE.
14. ALL FLOOR REGISTERS TO REMAIN UNLESS NOTED OTHERWISE. ALL FLOOR REGISTERS TO RECEIVE NEW COVERS. RE: MEP, PLUG & CAP SEWER & WATER CONNECTIONS FOR FIXTURES THAT WILL NOT BE REPLACED, REFERENCE FLOOR PLAN TYPICAL.
15. REMOVE ALL EXISTING CONSTRUCTIONS AND FINISHES NECESSARY FOR THE COMPLETION OF THE WORK AS DEPICED ON THE DRAWINGS, INCLUDING BUT NOT LIMITED TO, ITEMS SHOWN ON THE PLANS WITH DASHED LINES. NECESSARY DISCONNECTS AND ALTERATIONS TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INCLUDED. PATCH AS REQUIRED ALL CONSTRUCTIONS TO REMAIN IN ACCORDANCE WITH THE CONTRACT DRAWINGS, WHERE CONTRACTOR DESIGNATED TO MAKE REMOVALS, DISPOSITION OF MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR, VERIFY WITH OWNER THE DISPOSITION AND REMOVAL OF ANY COMPONENTS OF SALVAGEABLE VALUE.
16. FOR ANY NEW LIGHTING INDICATED IN DOCUMENTS, SALVAGE AND REUSE EXISTING ELECTRICAL COMPONENTS AS NEEDED. RE: ELECTRICAL.
17. WHERE APPLICABLE LEVEL ALL EXISTING FLOORS AS REQUIRED TO RECEIVE NEW FLOOR FINISHES. INSTALL REQUIRED TRANSITION PIECES BETWEEN VARIOUS FLOOR FINISHES SUITABLE FOR CONDITIONS AND ACCEPTABLE TO THE OWNER.
18. PROTECT ALL EXISTING STRUCTURE, SYSTEMS, FINISHES AND GENERAL CONSTRUCTION THAT ARE TO REMAIN THROUGHOUT THE COURSE OF THE WORK TO PREVENT DAMAGE OR LOSS. ANY SUCH DAMAGE CAUSED DURING THE COURSE OF THIS WORK WILL BE REPAIRED AT THE CONTRACTORS EXPENSE BEFORE THIS WORK IS CONCLUDED.
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20. IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIALS OR FINISHES, CONSULT ARCHITECT/DESIGNER FOR DIRECTION.
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24. WHERE REMOVAL OF PARTITIONS RESULTS IN ADJACENT SPACES BECOMING ONE, REWORK FLOORS, WALLS, AND CEILING TO PROVIDE SMOOTH TRANSITIONS WITHOUT BREAK, STEPS, OR BULKHEADS.
25. ALL EXISTING HOLES / CRACKS IN SLAB AND THOSE RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE FILLED / PREPARED AND SURFACE PATCHED SMOOTH AND LEVEL WITH ADJACENT FLOOR SURFACES.
26. ANY EXISTING CONDITIONS WHICH ARE INCONSISTENT WITH CONTRACT DRAWINGS RELEVANT TO THIS CONTRACT SHALL BE REPORTED TO THE ARCHITECT.
27. APPLY SELF-LEVELING COMPOUND TO FLOORING WHERE CMU WALLS ARE DEMOLISHED. GRIND FLOOR PRIOR TO APPLYING SELF-LEVELING COMPOUND IF REQUIRED TO ALLOW FOR LEVEL FLOOR SURFACE.
28. WHEREVER EXISTING EQUIPMENT, PIPING, DUCTS, ETC., ARE REQUIRED TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGARS, BRACING, FOUNDATION, ETC. AFTER REMOVAL, AFFECTED CONSTRUCTION AND SURFACES, SUCH AS FLOORS, WALLS, BASES, AND CEILINGS, SHALL BE FINISHED TO MATCH ADJACENT SURFACES UNLESS OTHERWISE NOTED.
29. ALL WINDOW COVERINGS TO BE DEMOLISHED UNLESS NOTED OTHERWISE.
- 30.



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#### CONSULTANTS

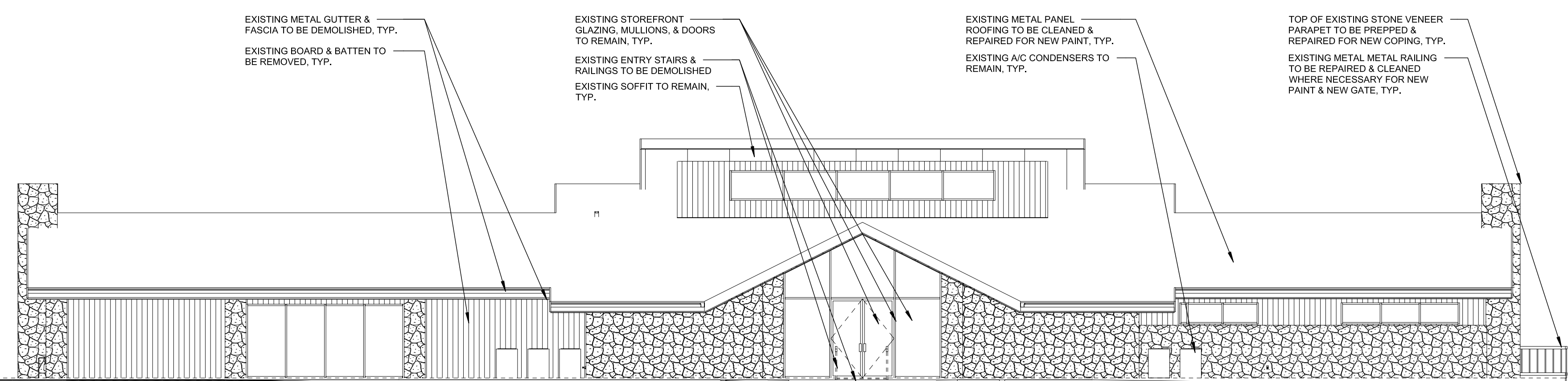
**CIVIL ENGINEERING**  
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 405.420.8860

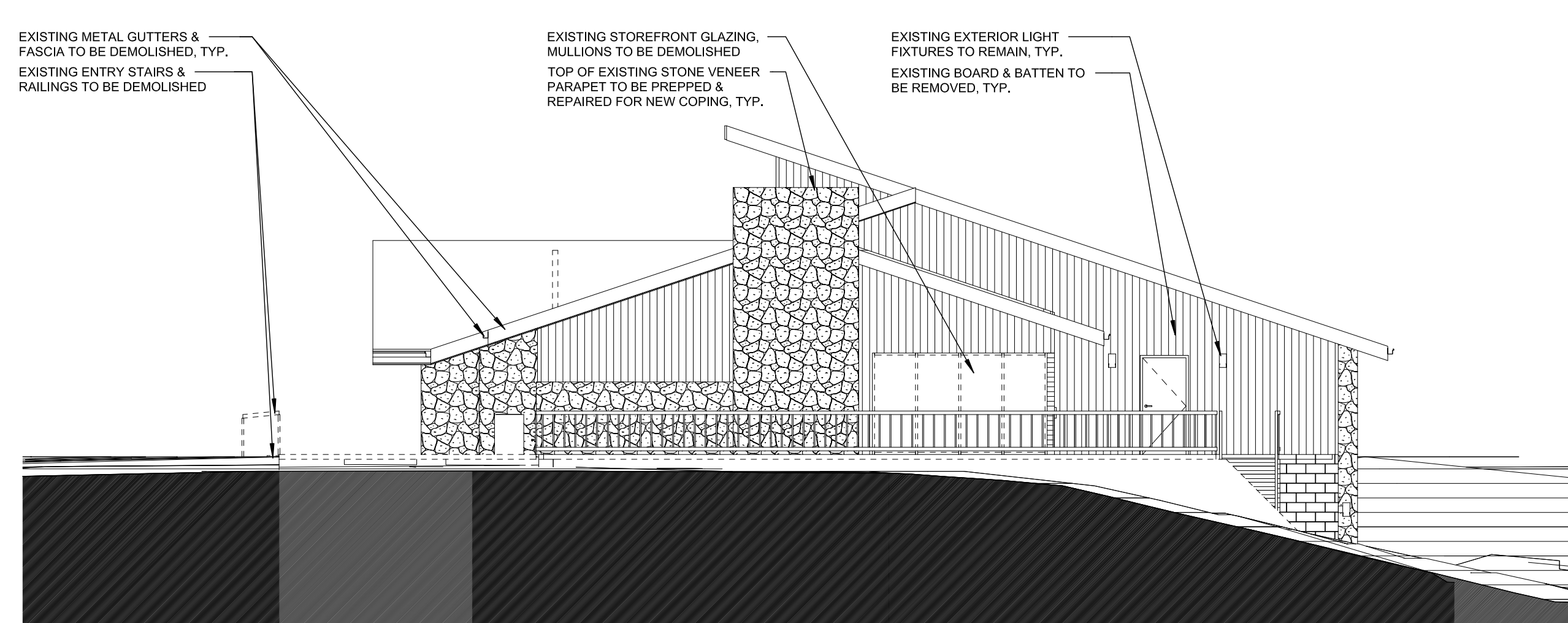
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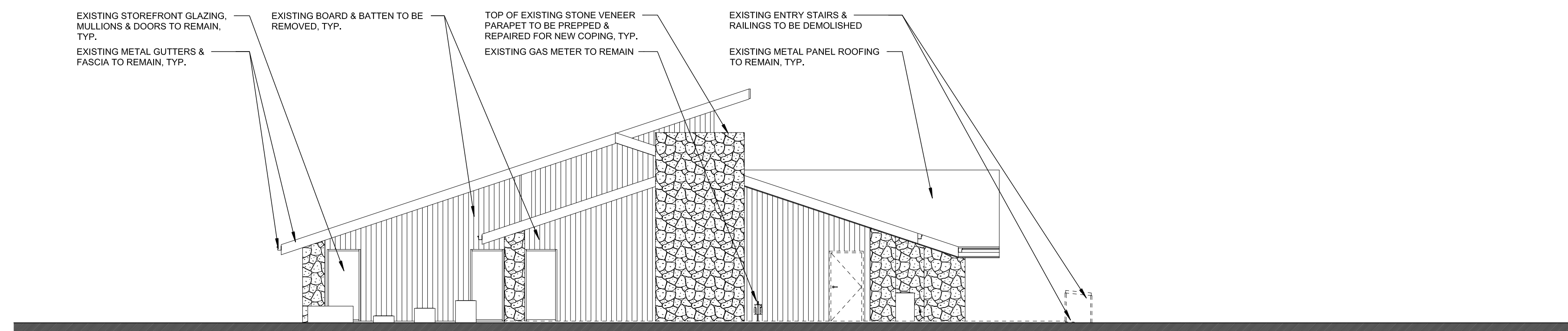
**MECHANICAL, ELECTRICAL, PLUMBING, & FIRE PROTECTION ENGINEERING**  
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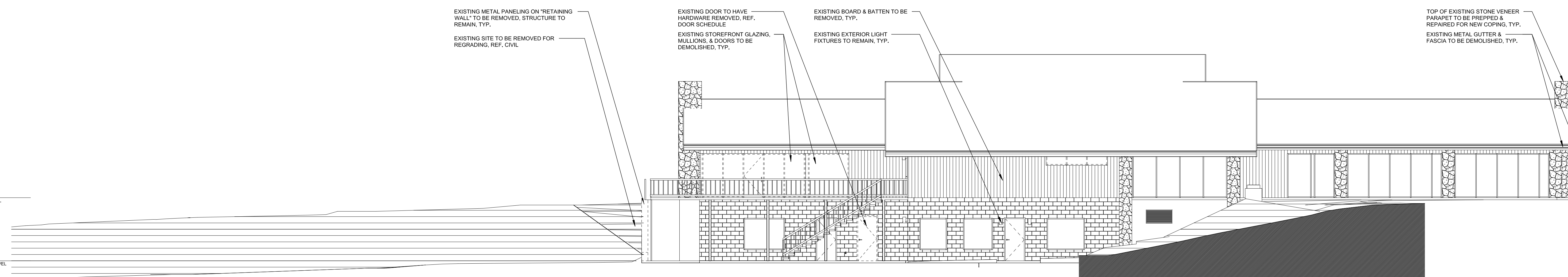
DEMOLITION - NORTH VIEW  
 1/8" = 1'-0" AD201



DEMOLITION - WEST ELEVATION  
 1/8" = 1'-0" AD201



DEMOLITION - EAST ELEVATION  
 1/8" = 1'-0" AD201



DEMOLITION - SOUTH ELEVATION  
 1/8" = 1'-0" AD201

VINITA CULTURAL DEVELOPMENT CENTER

PROJECT  
**CHEROKEE NATION  
 VINITA, OKLAHOMA**

KEY PLAN



No.	Description	Date

SHEET TITLE  
**DEMOLITION - ELEVATIONS**

BID SET

PROJECT NO: 111-049.20  
 DRAWN BY: TAR  
 CHECK BY: BTE  
 ISSUE DATE: 5/7/2021

**AD201**

Scale 1/8" = 1'-0"





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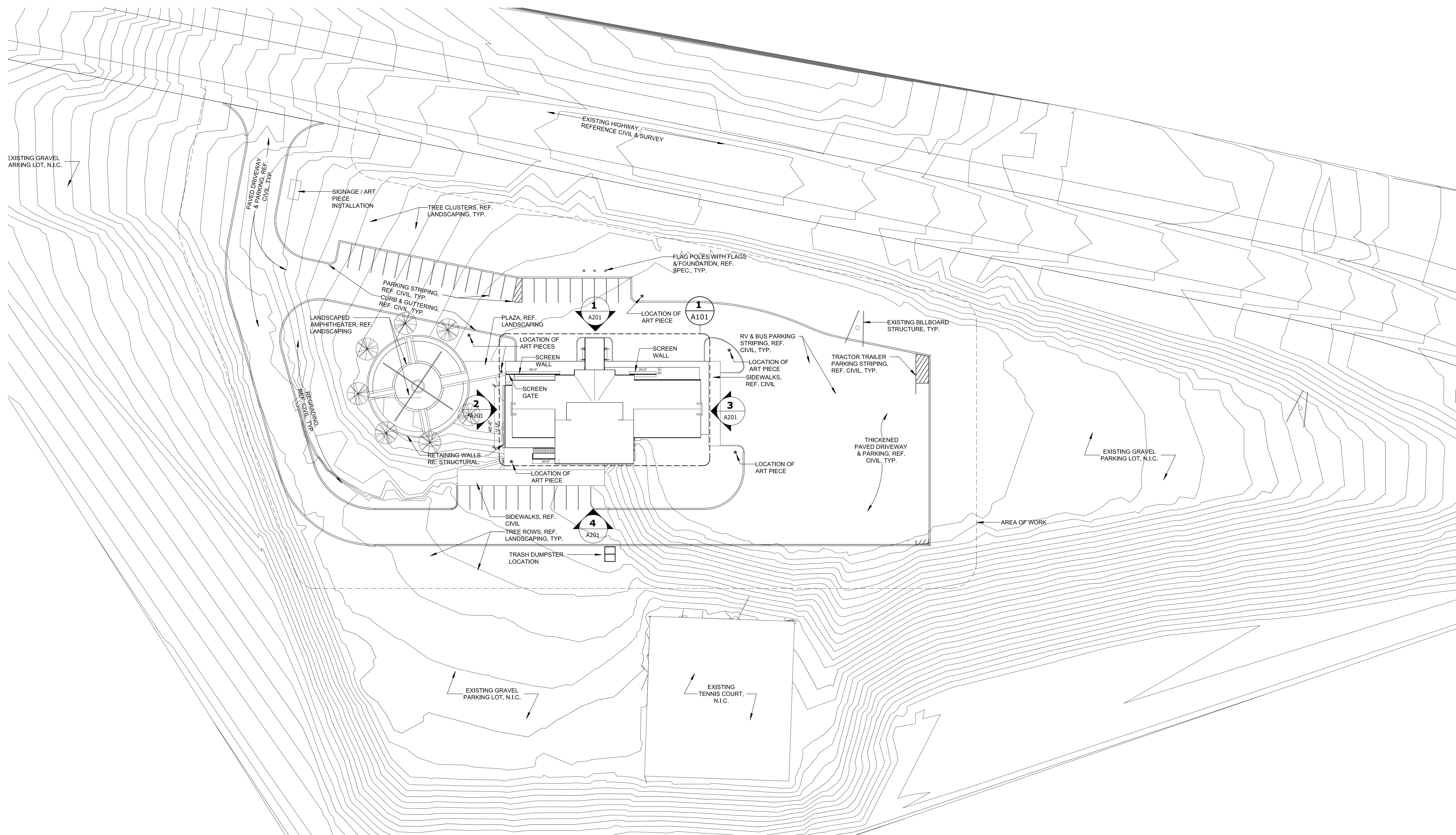
GENERAL NOTES - SITE

1. OUTSIDE OF DOOR JAMB ROUGH OPENINGS TO BE 3" FROM WALL INTERSECTIONS UNLESS OTHERWISE INDICATED.
  2. PROVIDE BLOCKING FOR KITCHEN, BATHROOM AND FUTURE ADA ACCESSORIES
  3. DIMENSIONS ARE TO FACE OF STUD LAYER UNLESS OTHERWISE INDICATED.
  4. FINISH FLOOR ELEVATIONS SHOULD BE COORDINATED WITH CIVIL.
  5. SEE CIVIL DRAWINGS FOR DETAILED INFORMATION ON NEW GRADING, STORMWATER, UTILITIES, ETC. HEIGHTS AND LOCATIONS
  6. SEE LANDSCAPE DRAWINGS FOR DETAILED INFORMATION ON PLANTING LOCATIONS AND VEGETATION TYPES.
  7. SEE MEP DRAWINGS FOR DETAILED INFORMATION ON SITE LIGHTING AS WELL AS ALL MECHANICAL, ELECTRICAL AND UTILITY ENTRANCES AT THE BUILDING
- FINISH FLOOR ELEVATIONS SHOWN ON CIVIL GRADING AND DRAINAGE SHEETS SHALL SET THE LEVEL OF THE GROUND FLOOR OF EACH INDIVIDUAL STRUCTURE WHICH IS INDICATED AT THE 0'-0" LEVEL ON THESE SHEETS. CIVIL FINISHED FLOOR INDICATIONS SHALL TAKE PRECEDENCE.

PHASING LEGEND

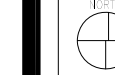
- EXISTING TO REMAIN
- - - - EXISTING TO BE DEMOLISHED
- NEW CONSTRUCTION

VINITA CULTURAL DEVELOPMENT CENTER



PROJECT  
**CHEROKEE NATION  
VINITA, OKLAHOMA**

KEY PLAN



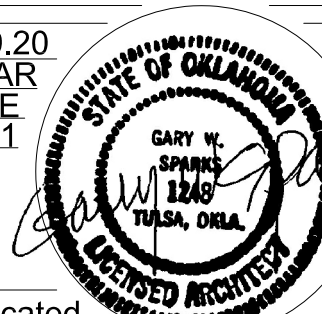
No.	Description	Date

SHEET TITLE  
**SITE PLAN - OVERALL**

BID SET

**SITE PLAN 1A**  
1" = 32'-0" AS101

PROJECT NO: 111-049 20  
DRAWN BY: TAR  
CHECK BY: BTE  
ISSUE DATE: 5/7/2021



AS101  
Scale As indicated



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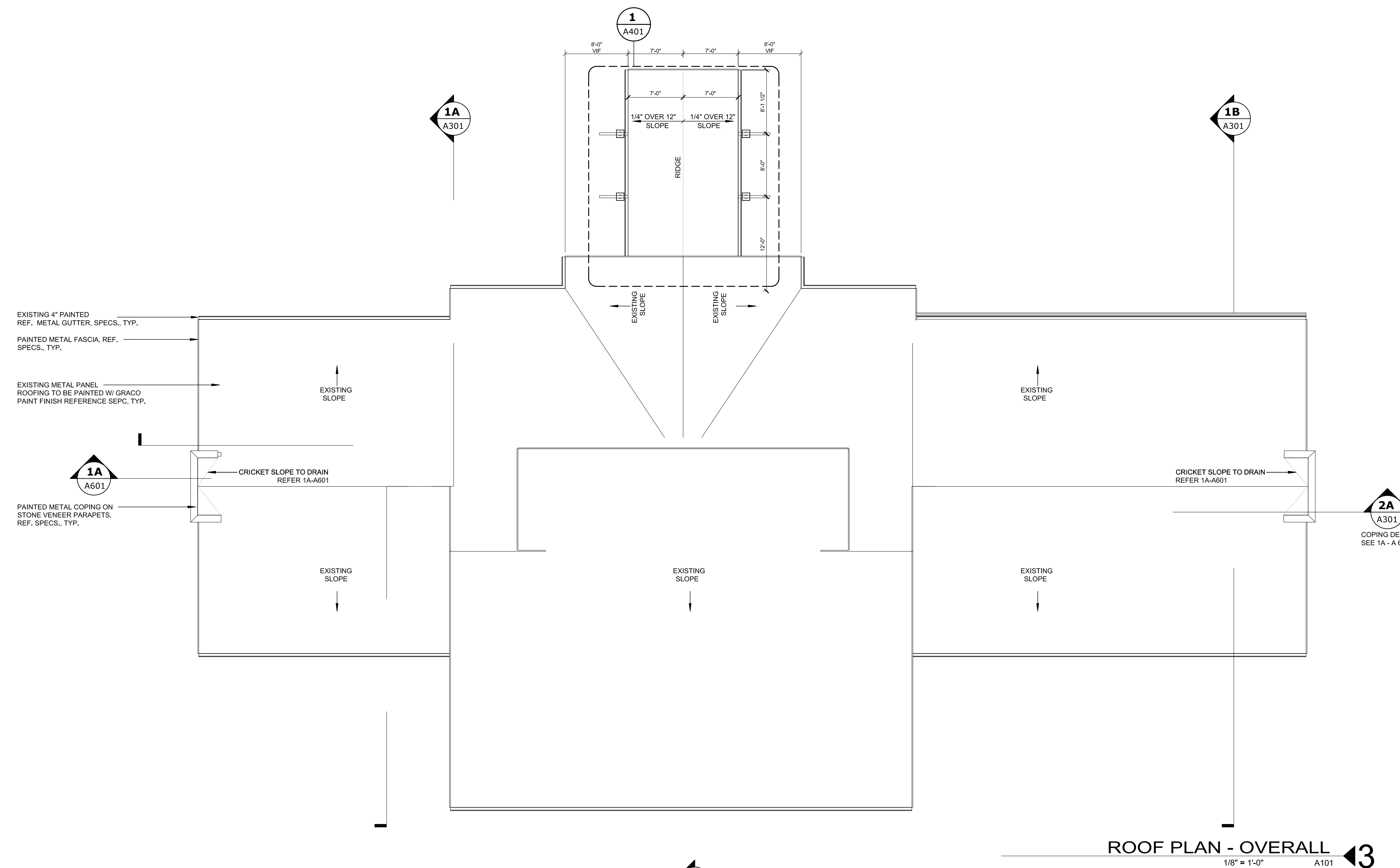


**GENERAL NOTES - NEW WORK**

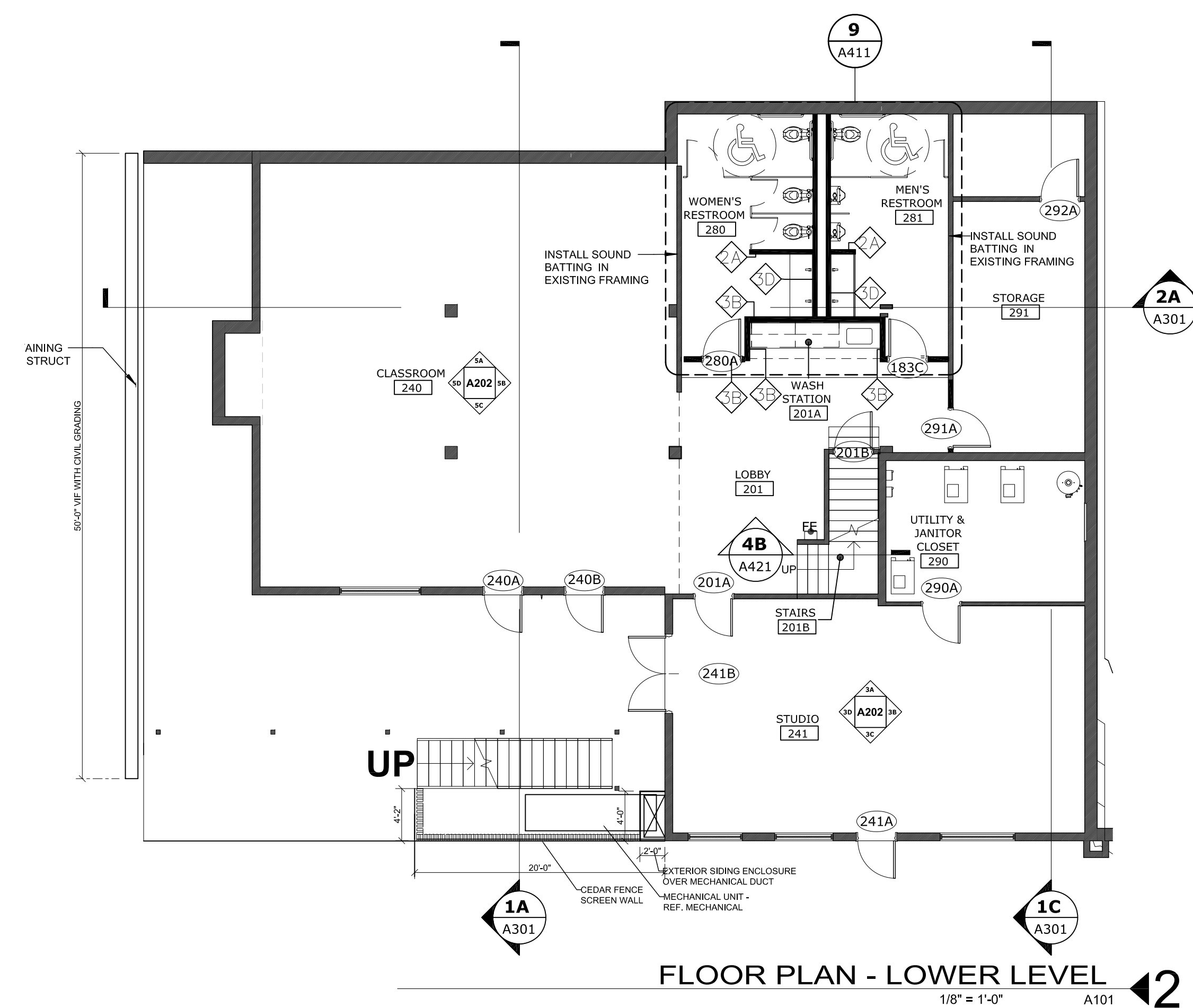
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8. CIVIL FINISH FLOOR INDICATORS SHALL TAKE PRECEDENCE.
9. ALLOW FOR NO LESS THAN THREE PAINT TOUCHUPS, APPROXIMATELY 200 SQUARE FEET EACH, FOR ARCHITECTS APPROVAL PRIOR TO PROCEEDING WITH FINAL PAINTING.
10. ALL GRILLES TO BE PAINTED TO MATCH ADJACENT WALL.

**PHASING LEGEND**

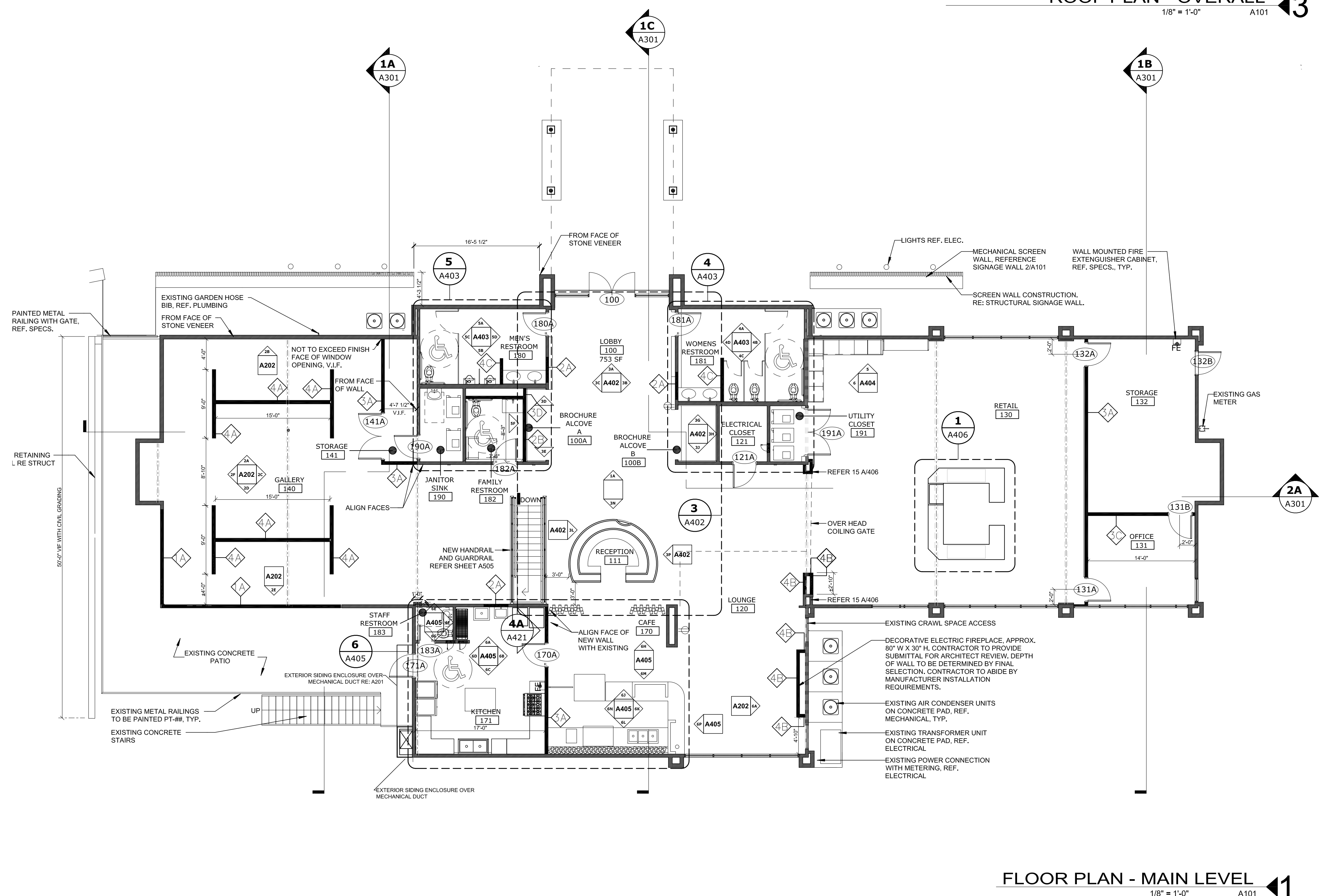
- EXISTING TO REMAIN
- EXISTING TO BE DEMOLISHED
- NEW CONSTRUCTION



**ROOF PLAN - OVERALL**  
1/8" = 1'-0"  
A101



**FLOOR PLAN - LOWER LEVEL**  
1/8" = 1'-0"  
A101



**FLOOR PLAN - MAIN LEVEL**  
1/8" = 1'-0"  
A101



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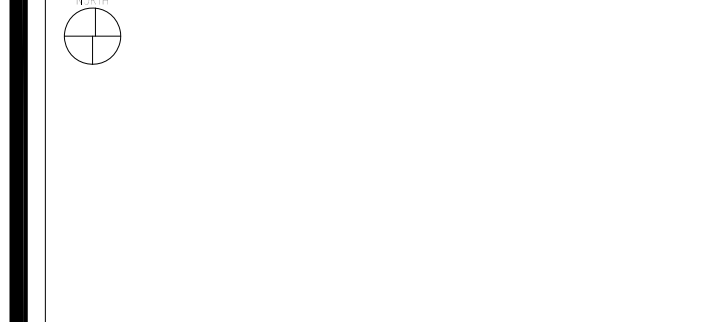
**STRUCTURAL ENGINEERING**  
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**PROJECT**  
CHEROKEE NATION  
VINITA, OKLAHOMA

**KEY PLAN**



No.	Description	Date

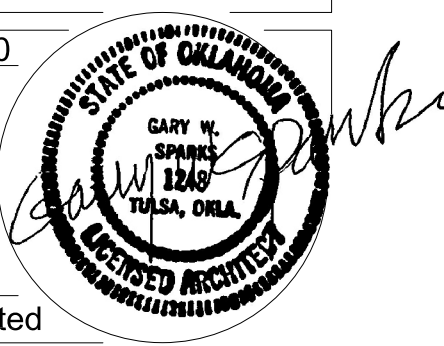
**SHEET TITLE**  
FLOOR PLANS - OVERALL

**BID SET**

PROJECT NO: 111-049.20  
DRAWN BY:  
CHECKED BY:  
DATE: 5/7/2021

**A101**  
Scale: As Indicated

VINITA CULTURAL DEVELOPMENT CENTER



5/4/2021 6:40:05 PM

**CONSULTANTS**

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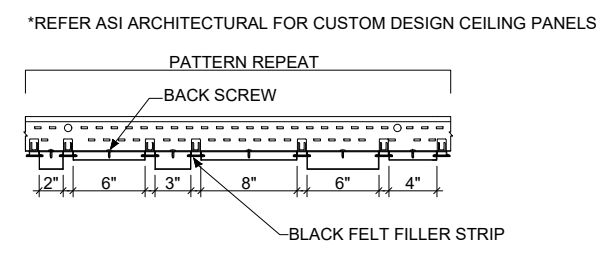
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**GENERAL NOTES - REFLECTED CEILING PLAN**

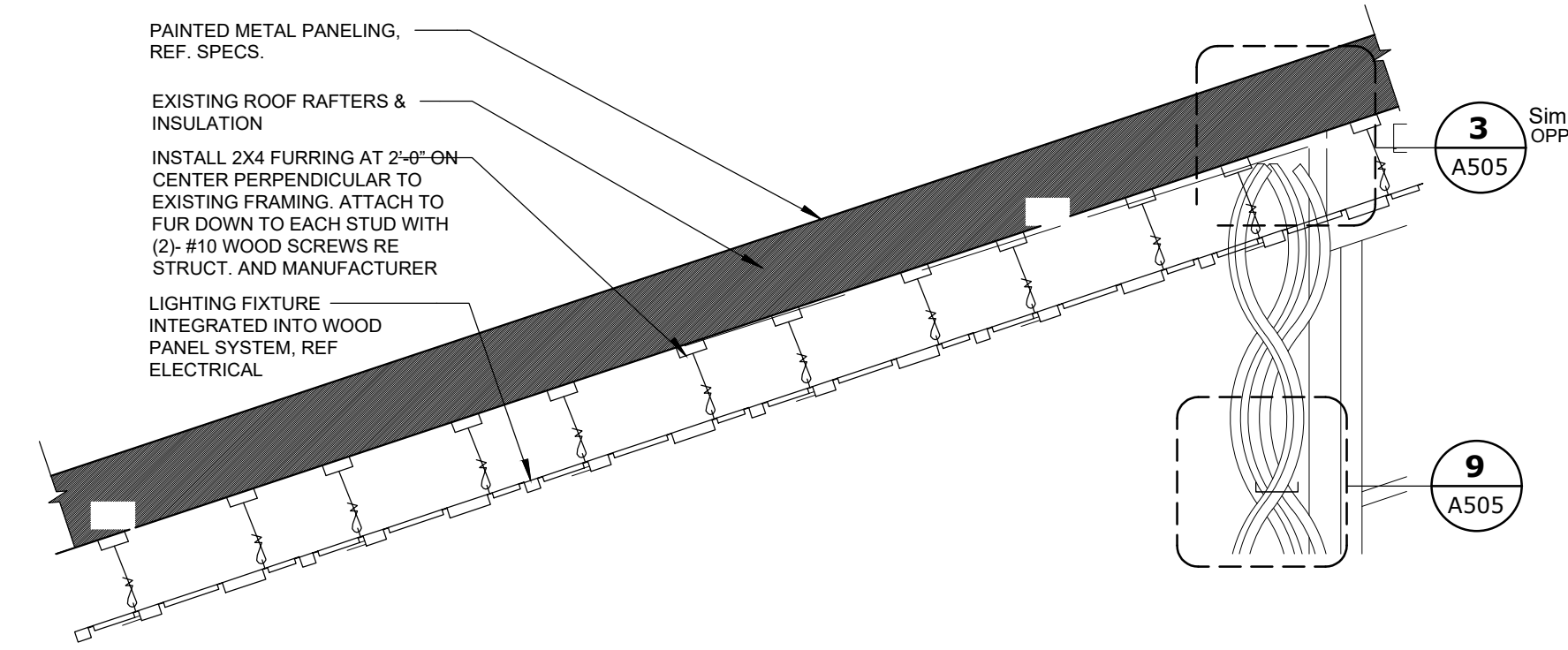
1. CEILING HEIGHTS SHOWN ON PLAN ARE APPROXIMATE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
2. GYP CEILINGS TO RECEIVE PT-1 UNLESS NOTED OTHERWISE.

**REFLECTED CEILING PLAN LEGEND**

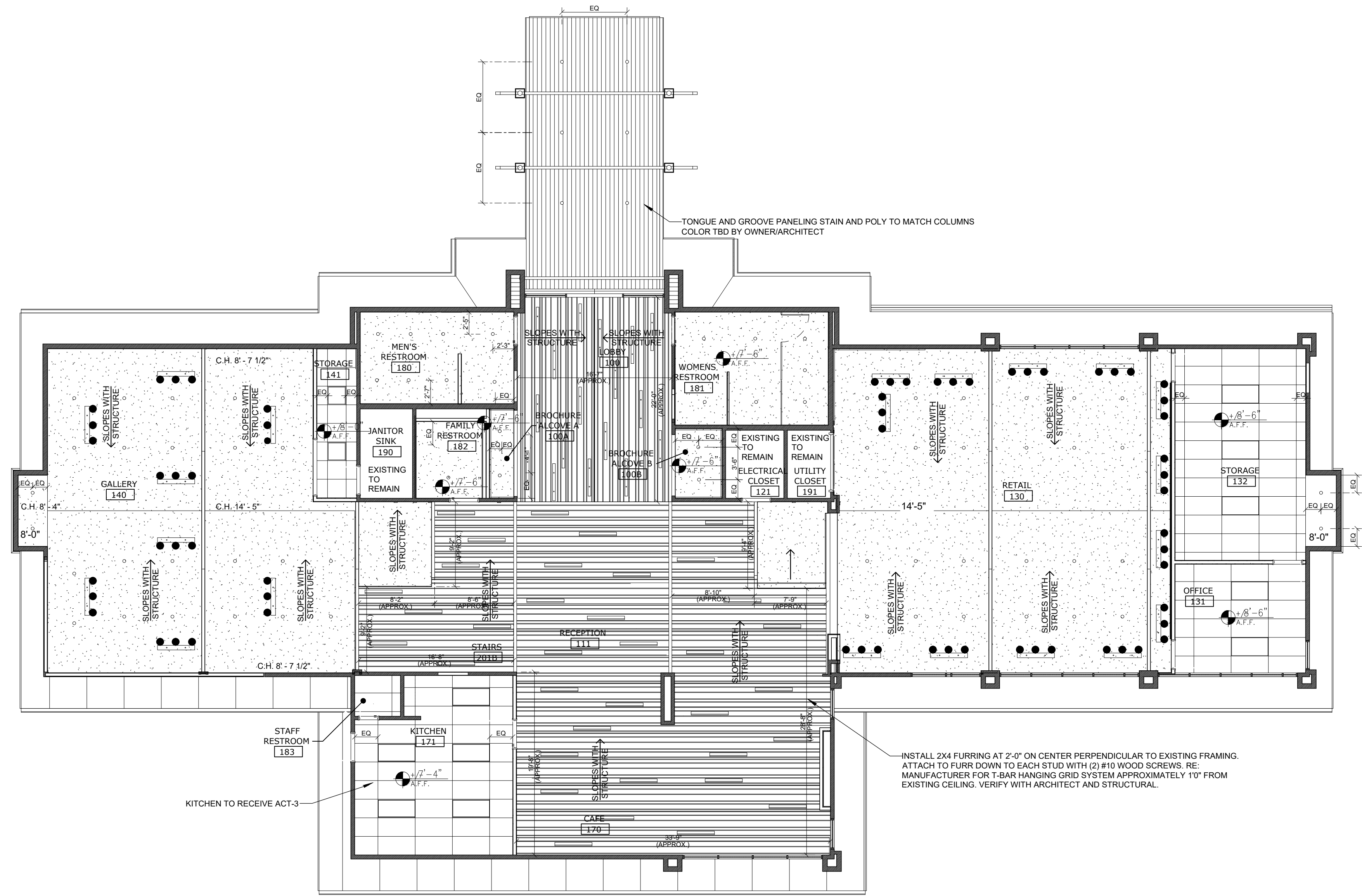
	GYP CEILING, PT-1 (RE: INTERIOR FINISH SCHEDULE)
	2'X4' CEILING TILE & GRID - ACT-2 (RE: INTERIOR FINISH SCHEDULE) U.N.C.
	2' X 2' CEILING TILE & GRID - ACT-1 (RE: INTERIOR FINISH SCHEDULE)
	WOOD CEILING - WC-1 (RE: INTERIOR FINISH SCHEDULE)



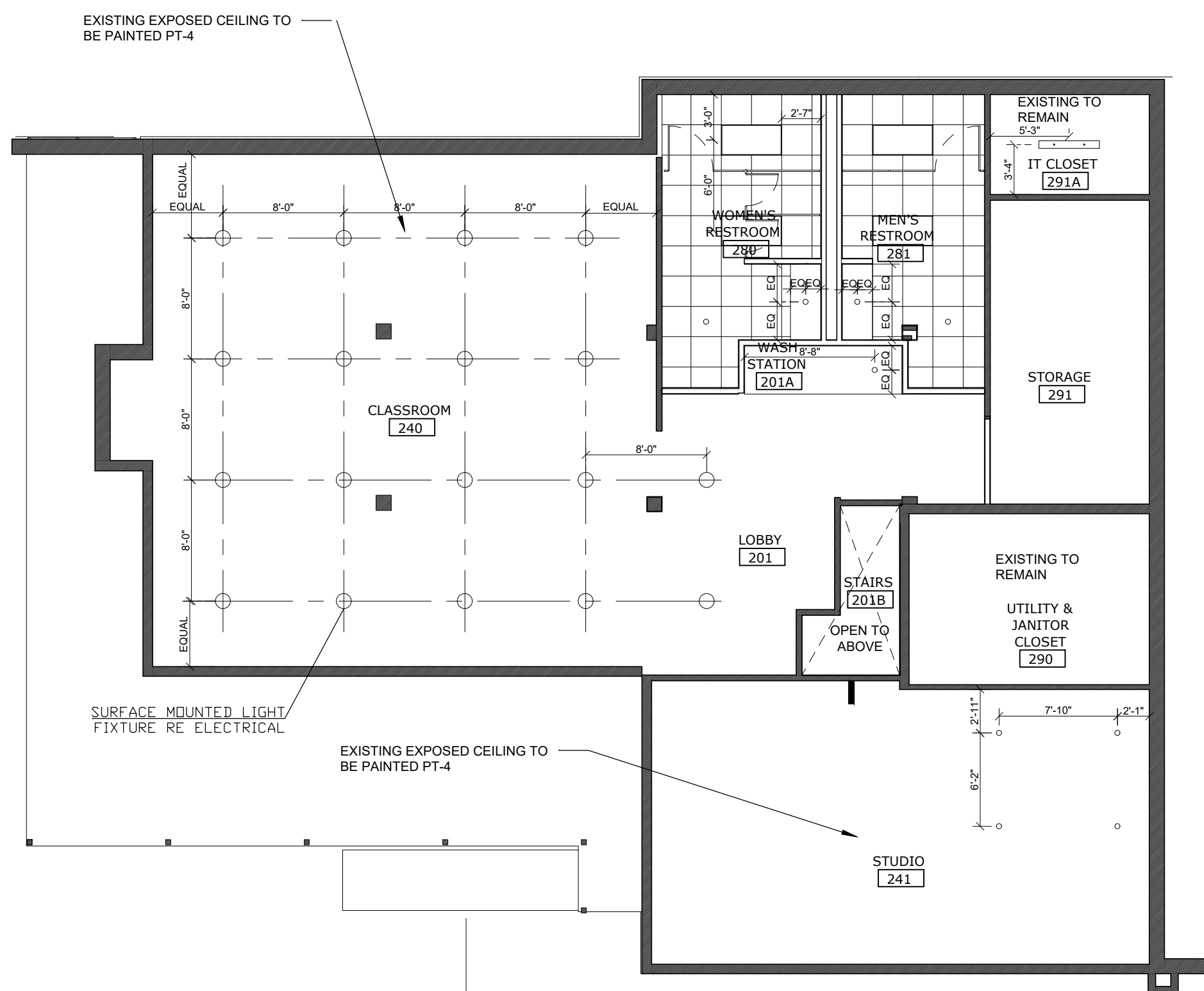
**TYPICAL WOOD CEILING PANNEL (WC-1)**  
3/4" = 1'-0" A111



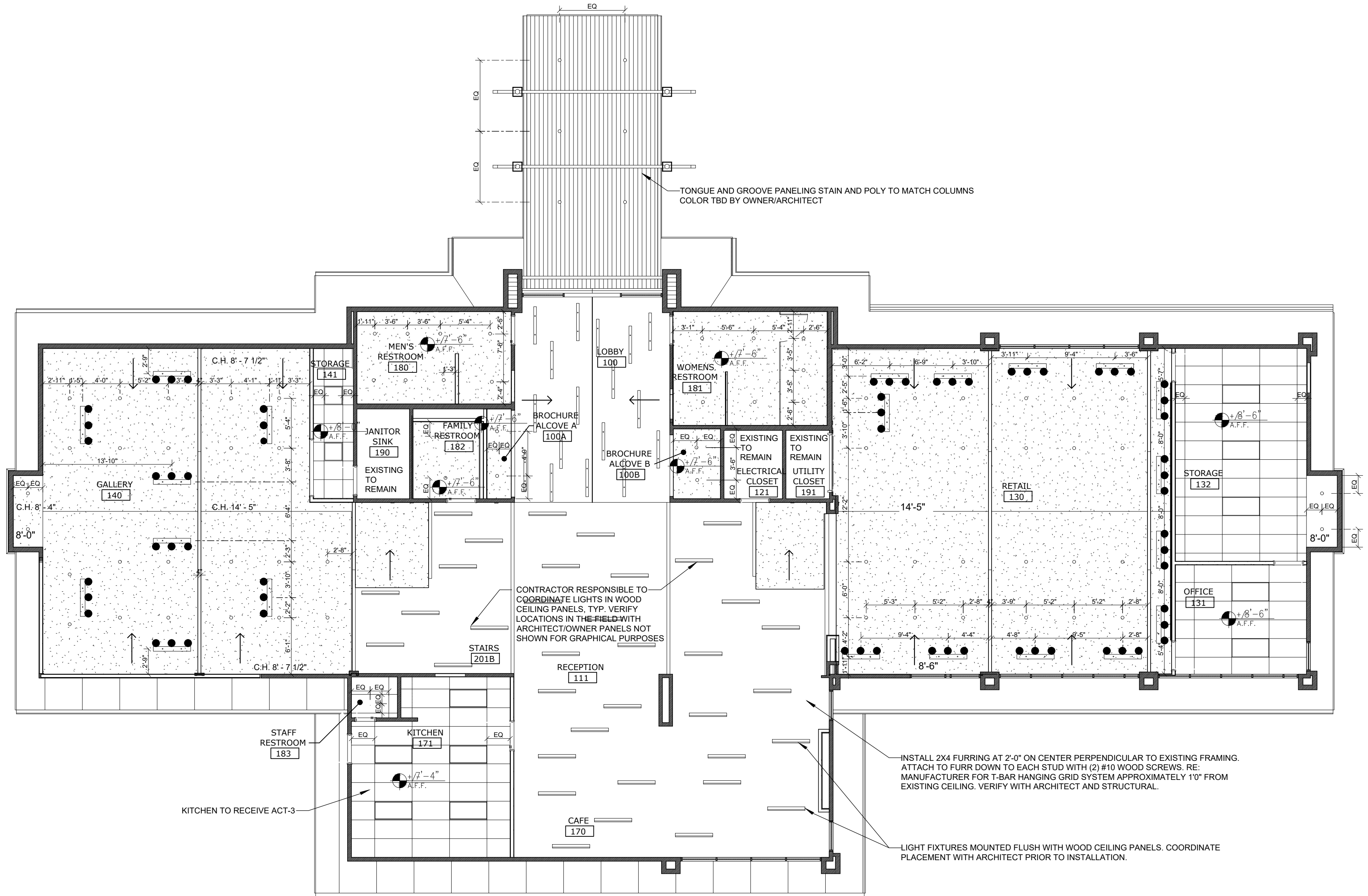
**WOOD CEILING DETAIL**  
1/2" = 1'-0" A111



**REFLECTED CEILING PLAN- MAIN LEVEL**  
1/8" = 1'-0" A111



**LOWER LEVEL REFLECTED CEILING PLAN - LIGHT LOCATIONS**  
1/8" = 1'-0" A111



**REFLECTED CEILING PLAN - LIGHT LOCATIONS**  
1/8" = 1'-0" A111

**PROJECT**  
CHEROKEE NATION  
VINITA, OKLAHOMA

**KEY PLAN**



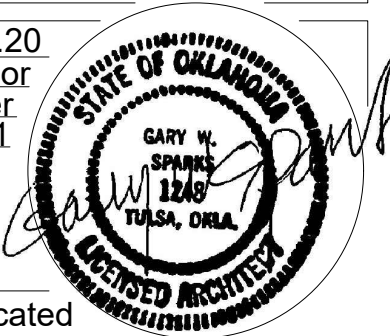
No.	Description	Date

**REFLECTED CEILING PLAN - OVERALL**

**BID SET**

PROJECT NO: 111-049-20  
DRAWN BY: Author  
CHECKED BY: Checker  
DATE: 5/7/2021

**A111**  
Scale As indicated





EXTERIOR MATERIALS LEGEND

KEYNOTE	TYPE	COLOR	REFERENCE
PT-10	EXTERIOR PAINT	SANTA FE	GACO 58
PT-11	EXTERIOR PAINT	GRAY	GACO 22
PT-12	EXTERIOR PAINT	CLASSIC FRENCH GRAY	SW 77
PT-13	EXTERIOR PAINT	TIKHUT	SW 7503

GENERAL NOTES - NEW WORK

- OUTSIDE OF DOOR JAMB ROUGH OPENINGS TO BE 3" FROM WALL INTERSECTIONS UNLESS OTHERWISE INDICATED.
- PROVIDE BLOCKING FOR KITCHEN, BATHROOM AND FUTURE ADA ACCESSORIES
- DIMENSIONS ARE TO FACE OF STUD LAYER UNLESS OTHERWISE INDICATED.
- FINISH FLOOR ELEVATIONS SHOULD BE COORDINATED WITH CIVIL.
- SEE CIVIL DRAWINGS FOR DETAILED INFORMATION ON NEW GRADING, STORMWATER, UTILITIES, ETC. HEIGHTS AND LOCATIONS
- SEE LANDSCAPE DRAWINGS FOR DETAILED INFORMATION ON PLANTING LOCATIONS AND VEGETATION TYPES.
- SEE MEP DRAWINGS FOR DETAILED INFORMATION ON SITE LIGHTING AS WELL AS ALL MECHANICAL, ELECTRICAL AND UTILITY ENTRANCES AT THE BUILDING FINISH FLOOR ELEVATIONS SHOWN ON CIVIL GRADING AND DRAINAGE SHEETS SHALL SET THE LEVEL OF THE GROUND FLOOR OF EACH INDIVIDUAL STRUCTURE WHICH IS INDICATED AT THE 0'-0" LEVEL ON THESE SHEETS. CIVIL FINISHED FLOOR INDICATIONS SHALL TAKE PRECEDENCE.
- ALLOW FOR NO LESS THAN THREE PAINT MOCKUPS, APPROXIMATELY 200 SQUARE FEET EACH, FOR ARCHITECTS APPROVAL PRIOR TO PROCEEDING WITH FINAL PAINTING.
- ALL GRILLES TO BE PAINTED TO MATCH ADJACENT WALL.

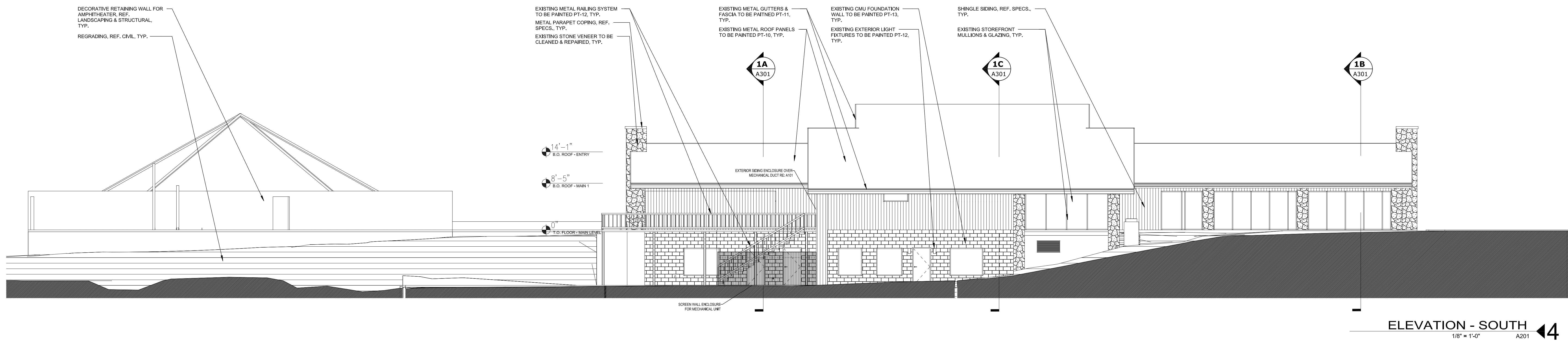


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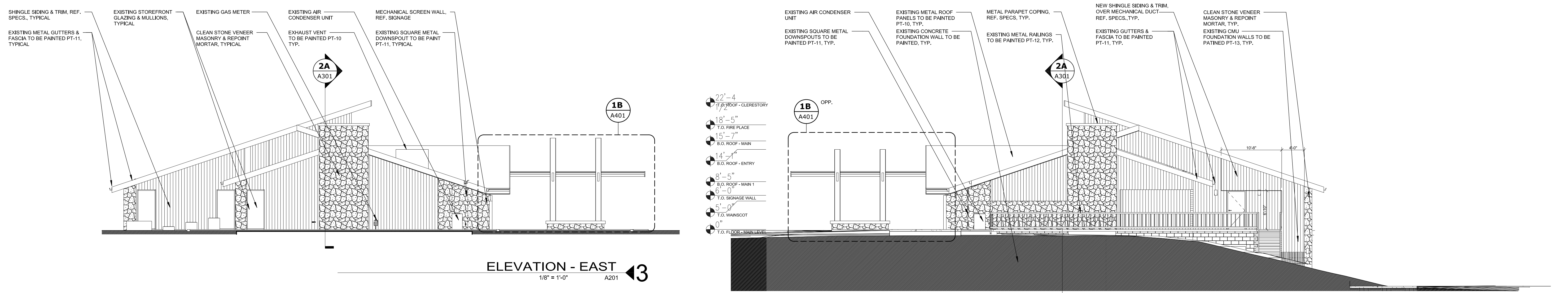
CONSULTANTS

- CIVIL ENGINEERING**  
 Red Plains Professional  
 2933 South Bryant Avenue  
 Edmond, Oklahoma 73013  
 405.241.4031
- LANDSCAPE DESIGN**  
 LAUD Studio  
 220 Northwest 13th Street, Suite 3  
 Oklahoma City, Oklahoma 73103  
 405.420.8800
- STRUCTURAL ENGINEERING**  
 350 Engineering  
 1201 East 3rd Street  
 Tulsa, Oklahoma 74120  
 918.516.1124
- ARCHITECTURAL & INTERIOR DESIGN**  
 EFG Design & Architecture  
 15 West 6th Street, Suite 2100  
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- MECHANICAL, ELECTRICAL, PLUMBING, & FIRE PROTECTION ENGINEERING**  
 PHILLIPS + GOMEZ  
 15 West 6th Street, Suite 2510  
 Tulsa, Oklahoma 74119  
 918.584.0102

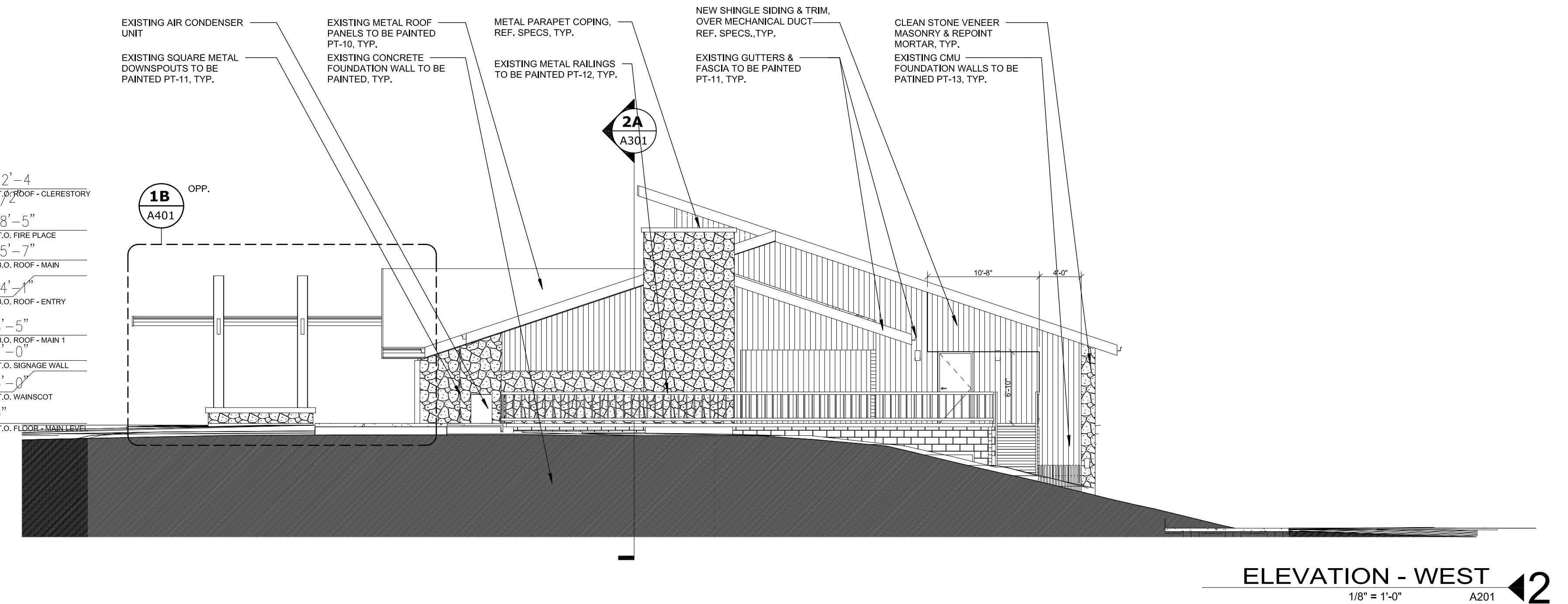
VINITA CULTURAL DEVELOPMENT CENTER



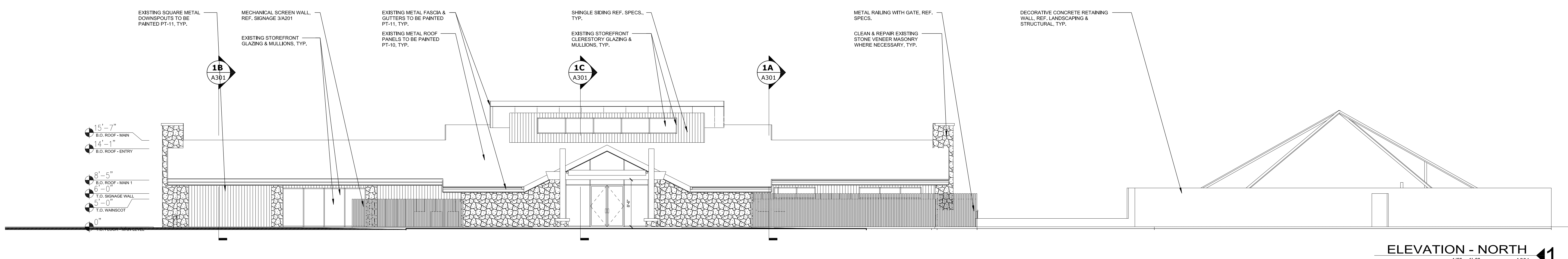
ELEVATION - SOUTH  
1/8" = 1'-0" A201 4



ELEVATION - EAST  
1/8" = 1'-0" A201 3



ELEVATION - WEST  
1/8" = 1'-0" A201 2



ELEVATION - NORTH  
1/8" = 1'-0" A201 1

CHEROKEE NATION  
VINITA, OKLAHOMA



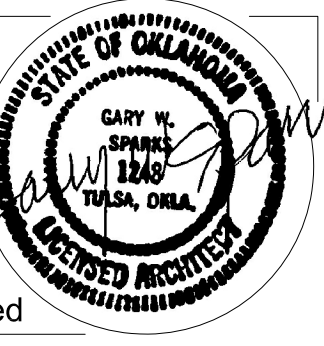
No.	Description	Date

PROJECT TITLE  
ELEVATIONS - EXTERIOR

BID SET

PROJECT NO. 111-049.20  
 ISSUED BY:  
 DATED BY:  
 ISSUE DATE: 5/7/2021

A201  
Scale As indicated



**GENERAL NOTES - NEW WORK**

1. OUTSIDE OF DOOR JAMB ROUGH OPENINGS TO BE 3" FROM WALL INTERSECTIONS UNLESS OTHERWISE INDICATED.
2. PROVIDE BLOCKING FOR KITCHEN, BATHROOM AND FUTURE ADA ACCESSORIES
3. DIMENSIONS ARE TO FACE OF STUDY LAYER UNLESS OTHERWISE INDICATED.
4. FINISH FLOOR ELEVATIONS SHOULD BE COORDINATED WITH CIVIL.
5. SEE CIVIL DRAWINGS FOR DETAILED INFORMATION ON NEW GRADING, STORMWATER, UTILITIES, ETC. HEIGHTS AND LOCATIONS.
6. SEE LANDSCAPE DRAWINGS FOR DETAILED INFORMATION ON PLANTING LOCATIONS AND VEGETATION TYPES.
7. SEE MEP DRAWINGS FOR DETAILED INFORMATION ON SITE LIGHTING AS WELL AS ALL MECHANICAL, ELECTRICAL AND UTILITY ENTRIES AT THE BUILDING FINISH FLOOR ELEVATIONS SHOWN ON CIVIL GRADING AND DRAINAGE SHEETS SHALL SET THE LEVEL OF THE GROUND FLOOR OF EACH INDIVIDUAL STRUCTURE WHICH IS INDICATED AT THE 0'-0" LEVEL ON THESE SHEETS. CIVIL FINISHED FLOOR INDICATIONS SHALL TAKE PRECEDENCE.
8. ALLOW FOR NO LESS THAN THREE PAINT COATINGS, APPROXIMATELY 200 SQUARE FEET EACH, FOR ARCHITECTS APPROVAL PRIOR TO PROCEEDING WITH FINAL PAINTING.
9. ALL GRILLES TO BE PAINTED TO MATCH ADJACENT WALL.
- 10.

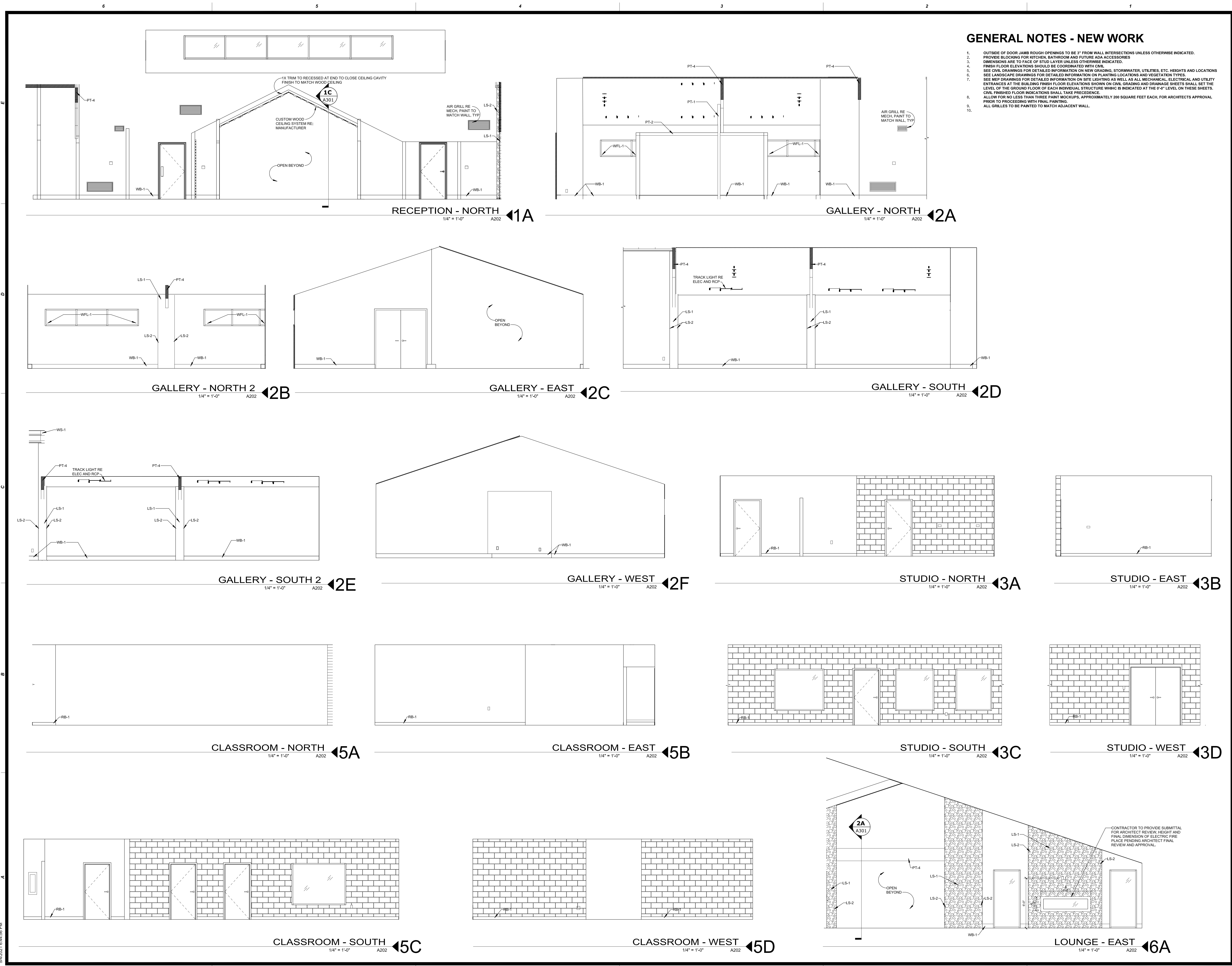


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**CONSULTANTS**

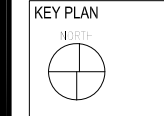
- CIVIL ENGINEERING**  
Red Plains Professional  
2933 South Bryant Avenue  
Edmond, Oklahoma 73013  
405.341.4031
- LANDSCAPE DESIGN**  
LAUD Studio  
220 Northwest 13th Street, Suite 3  
Oklahoma City, Oklahoma 73103  
405.420.8800
- STRUCTURAL ENGINEERING**  
360 Engineering  
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918.518.1124
- ARCHITECTURAL & INTERIOR DESIGN**  
EFG Design & Architecture  
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918.576.6700
- MECHANICAL, ELECTRICAL, PLUMBING, & FIRE PROTECTION ENGINEERING**  
PHILLIPS + GOMEZ  
15 West 6th Street, Suite 2510  
Tulsa, Oklahoma 74119  
918.564.0102

VINITA CULTURAL DEVELOPMENT CENTER



CONTRACTOR TO PROVIDE SUBMITTAL FOR ARCHITECT REVIEW, HEIGHT AND FINAL DIMENSION OF ELECTRIC FIRE PLACE PENDING ARCHITECT FINAL REVIEW AND APPROVAL.

**CHEROKEE NATION  
VINITA, OKLAHOMA**



No.	Description	Date

**ELEVATIONS - INTERIOR**

**BID SET**

PROJECT NO: 111-049.20  
 DRAWN BY:  
 DATE: 5/7/2021

**A202**  
Scale As indicated



5/4/2021 8:41:56 PM

### EXTERIOR MATERIALS LEGEND

KEYNOTE	TYPE	COLOR	REFERENCE
PT-10	EXTERIOR PAINT	SANTA FE	GACO 58
PT-11	EXTERIOR PAINT	GRAY	GACO 22
PT-12	EXTERIOR PAINT	CLASSIC FRENCH GRAY	SW 77
PT-13	EXTERIOR PAINT	TRO HUT	SW 7509

### PHASING LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE DEMOLISHED
- NEW CONSTRUCTION

### GENERAL NOTES - NEW WORK

1. OUTSIDE OF DOOR JAMB ROUGH OPENINGS TO BE 3" FROM WALL INTERSECTIONS UNLESS OTHERWISE INDICATED.
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9. ALL GRILLES TO BE PAINTED TO MATCH ADJACENT WALL.
- 10.

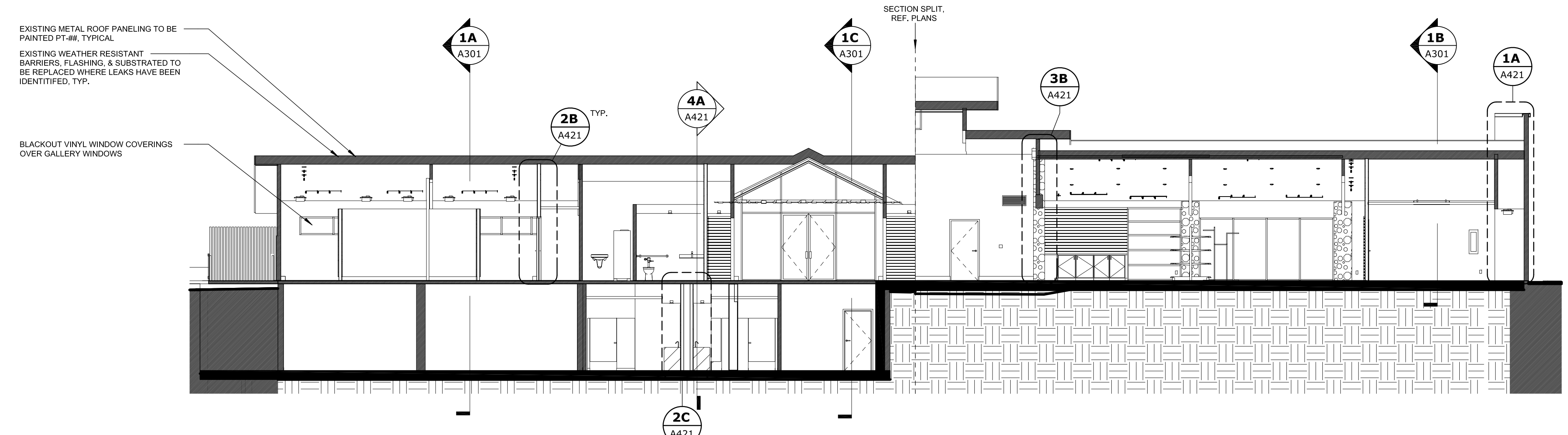


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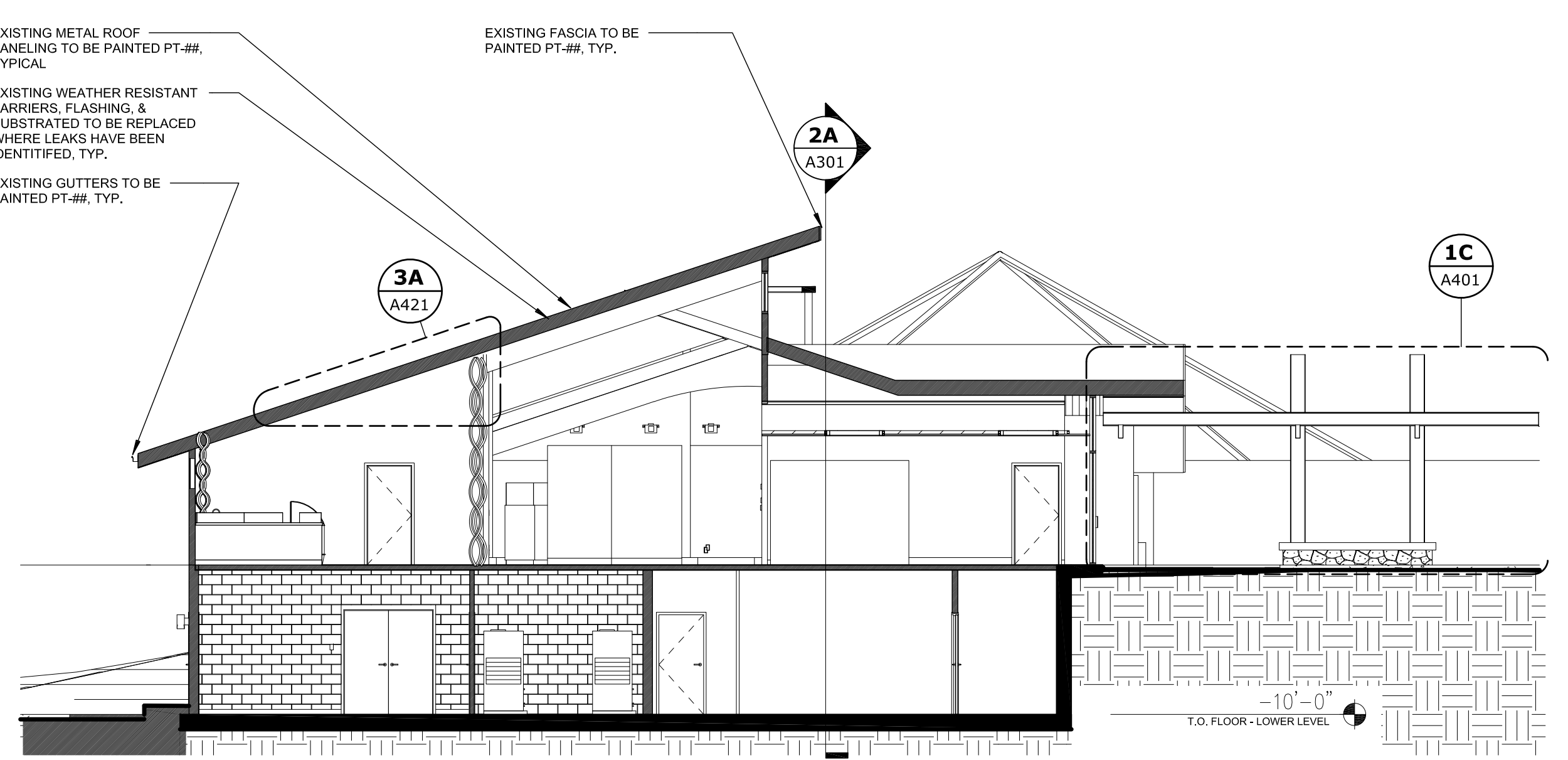
#### CONSULTANTS

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Rad Plains Professional  
2933 South Bryant Avenue  
Edmond, Oklahoma 73013  
405.341.4031
- LANDSCAPE DESIGN**  
LAUD Studio  
220 Northwest 13th Street, Suite 3  
Oklahoma City, Oklahoma 73103  
405.420.8800
- STRUCTURAL ENGINEERING**  
380 Engineering  
1201 East 2nd Street  
Tulsa, Oklahoma 74120  
918.518.1124
- ARCHITECTURAL & INTERIOR DESIGN**  
EFG Design & Architecture  
15 West 6th Street, Suite 2100  
Tulsa, Oklahoma 74119  
918.576.6700

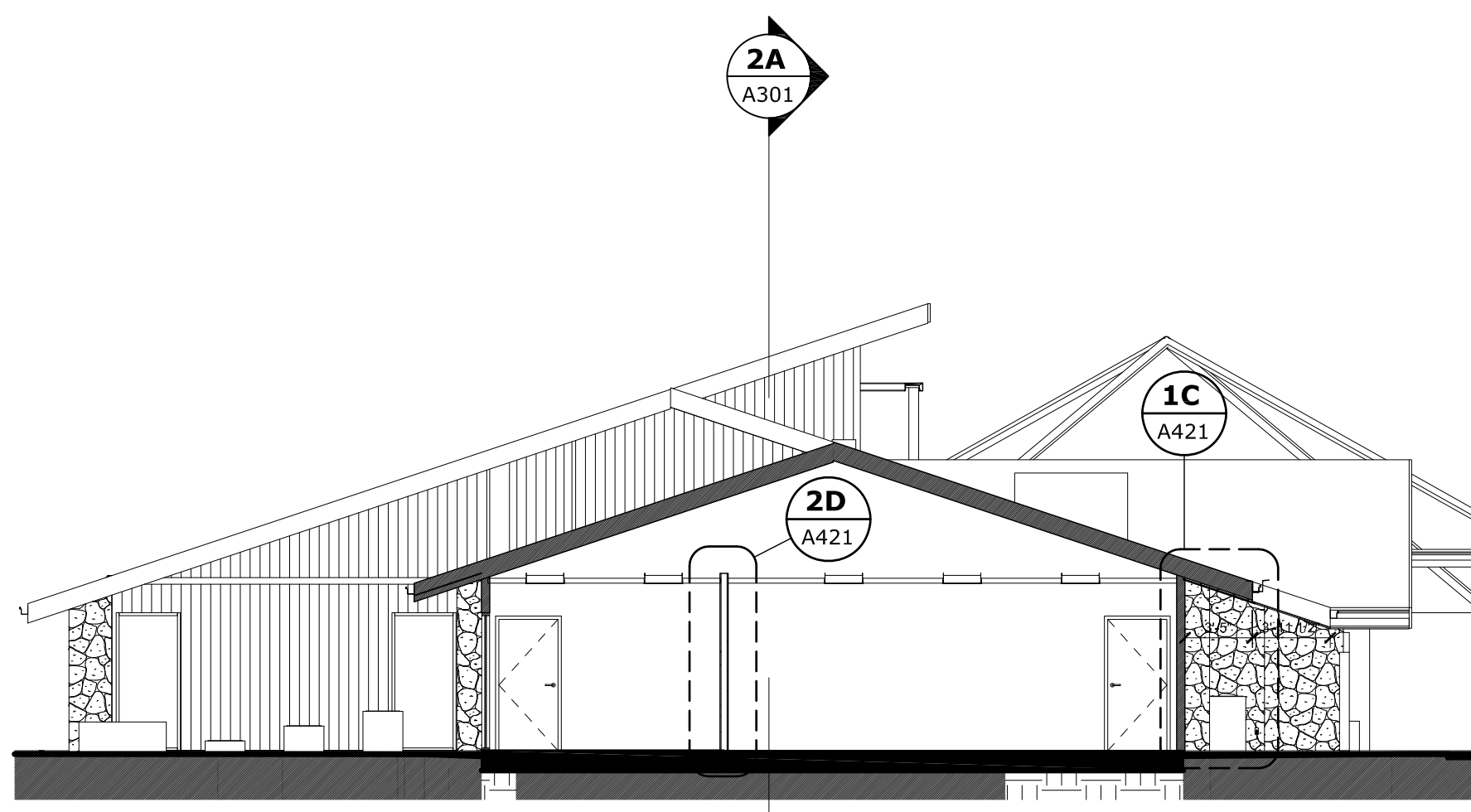
VINITA CULTURAL DEVELOPMENT CENTER



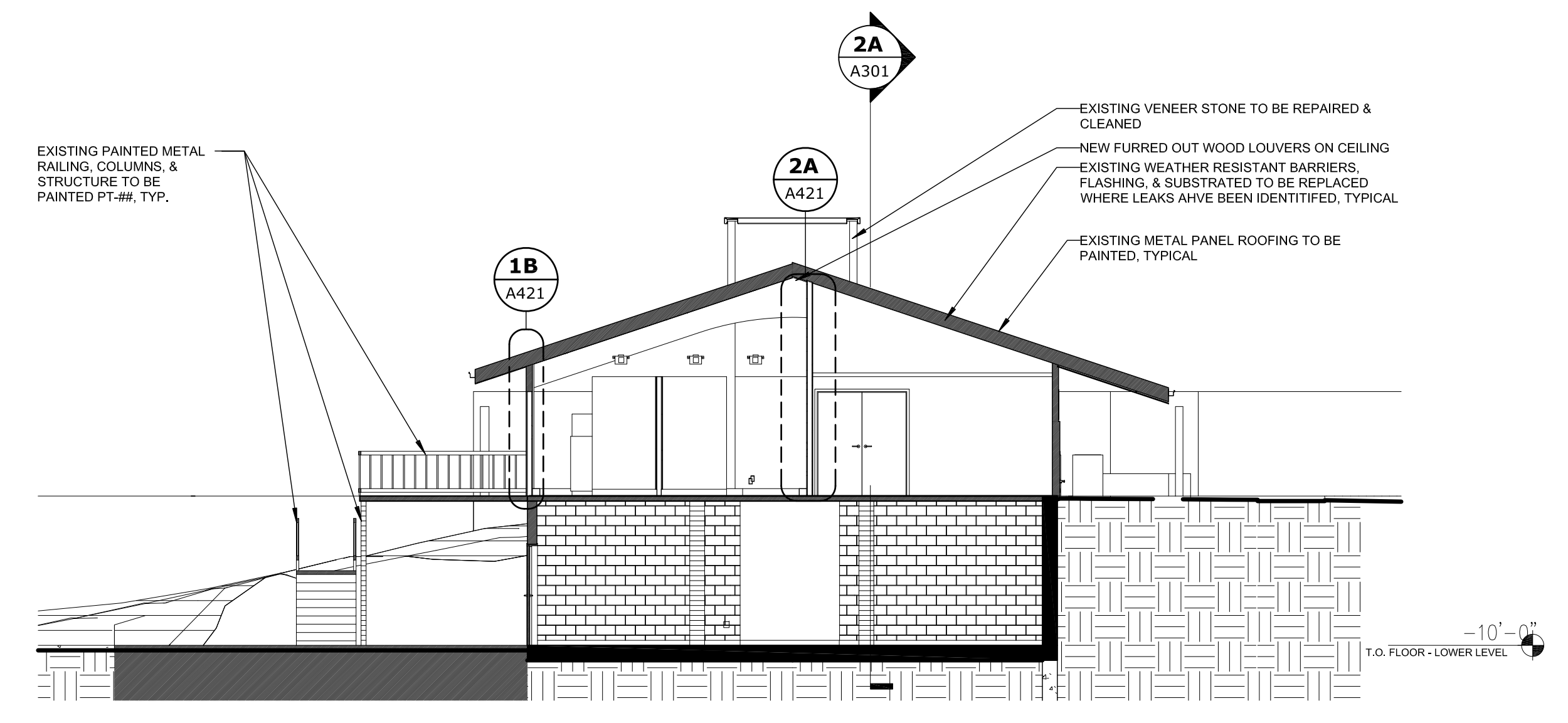
**BUILDING SECTION A** **◀2A**  
1/8" = 1'-0" A301



**BUILDING SECTION C** **◀1C**  
1/8" = 1'-0" A301

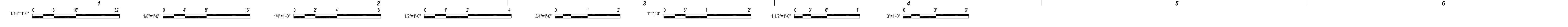


**BUILDING SECTION** **◀1B**  
1/8" = 1'-0" A301



**BUILDING SECTION D** **◀1A**  
1/8" = 1'-0" A301

5/4/2021 6:45:14 PM



**CHEROKEE NATION**  
**VINITA, OKLAHOMA**

KEY PLAN

No.	Description	Date

SHEET TITLE  
**SECTIONS - BUILDING**

BID SET

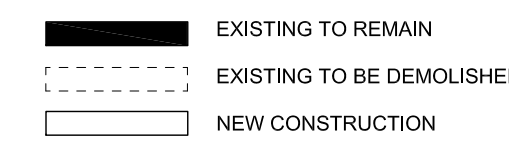
PROJECT NO: 111-049.20  
DRAWN BY: TAR  
CHECKED BY: BTE  
REVISION DATE: 5/7/2021

**A301**  
Scale As indicated

### EXTERIOR MATERIALS LEGEND

KEYNOTE	TYPE	COLOR	REFERENCE
PT-10	EXTERIOR PAINT	SANTA FE	GACO 58
PT-11	EXTERIOR PAINT	GRAY	GACO 22
PT-12	EXTERIOR PAINT	CLASSIC FRENCH GRAY	SW 77
PT-13	EXTERIOR PAINT	TRU HUT	SW 7509

### PHASING LEGEND



### GENERAL NOTES - NEW WORK

- OUTSIDE OF DOOR JAMB ROUGH OPENINGS TO BE 3" FROM WALL INTERSECTIONS UNLESS OTHERWISE INDICATED.
- PROVIDE BLOCKING FOR KITCHEN, BATHROOM AND FUTURE ADA ACCESSORIES
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- ALLOW FOR NO LESS THAN THREE PAINT TOUCHUPS, APPROXIMATELY 200 SQUARE FEET EACH, FOR ARCHITECTS APPROVAL PRIOR TO PROCEEDING WITH FINAL PAINTING.
- ALL GRILLES TO BE PAINTED TO MATCH ADJACENT WALL.
- 



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#### CONSULTANTS

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 Reid Plans Professional  
 2933 South Bryant Avenue  
 Edmond, Oklahoma 73013  
 405.341.4031

**LANDSCAPE DESIGN**  
 LALUD Studio  
 220 Northwest 13th Street, Suite 3  
 Oklahoma City, Oklahoma 73103  
 405.420.8900

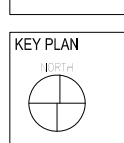
**STRUCTURAL ENGINEERING**  
 360 Engineering  
 1201 East 3rd Street  
 Tulsa, Oklahoma 74120  
 918.518.1124

**ARCHITECTURAL & INTERIOR DESIGN**  
 EFG Design & Architecture  
 15 West 6th Street, Suite 2100  
 Tulsa, Oklahoma 74119  
 918.578.0700

**MECHANICAL, ELECTRICAL, PLUMBING, & FIRE PROTECTION ENGINEERING**  
 PHILLIPS + GOMEZ  
 15 West 6th Street, Suite 2510  
 Tulsa, Oklahoma 74119  
 918.584.0102

VINITA CULTURAL DEVELOPMENT CENTER

PROJECT  
**CHEROKEE NATION  
 VINITA, OKLAHOMA**



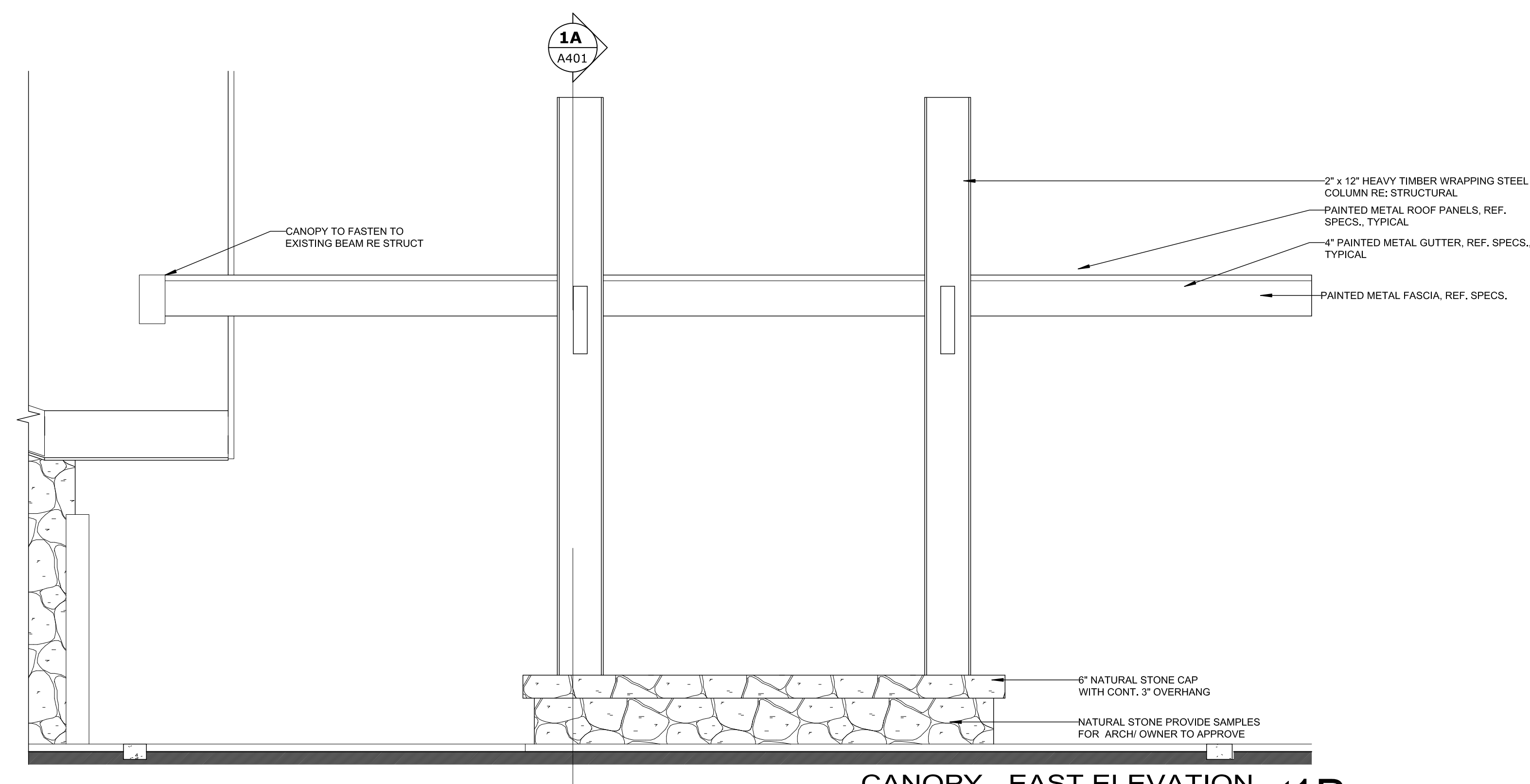
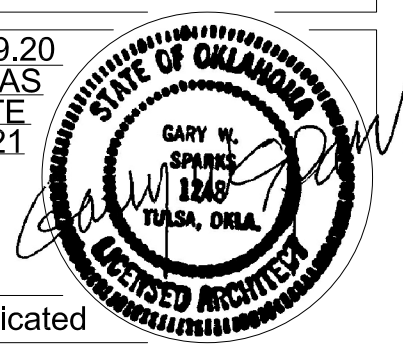
No.	Description	Date

SHEET TITLE  
**ENLARGED - CANOPY, SIGNAGE, & WALL SECTIONS**

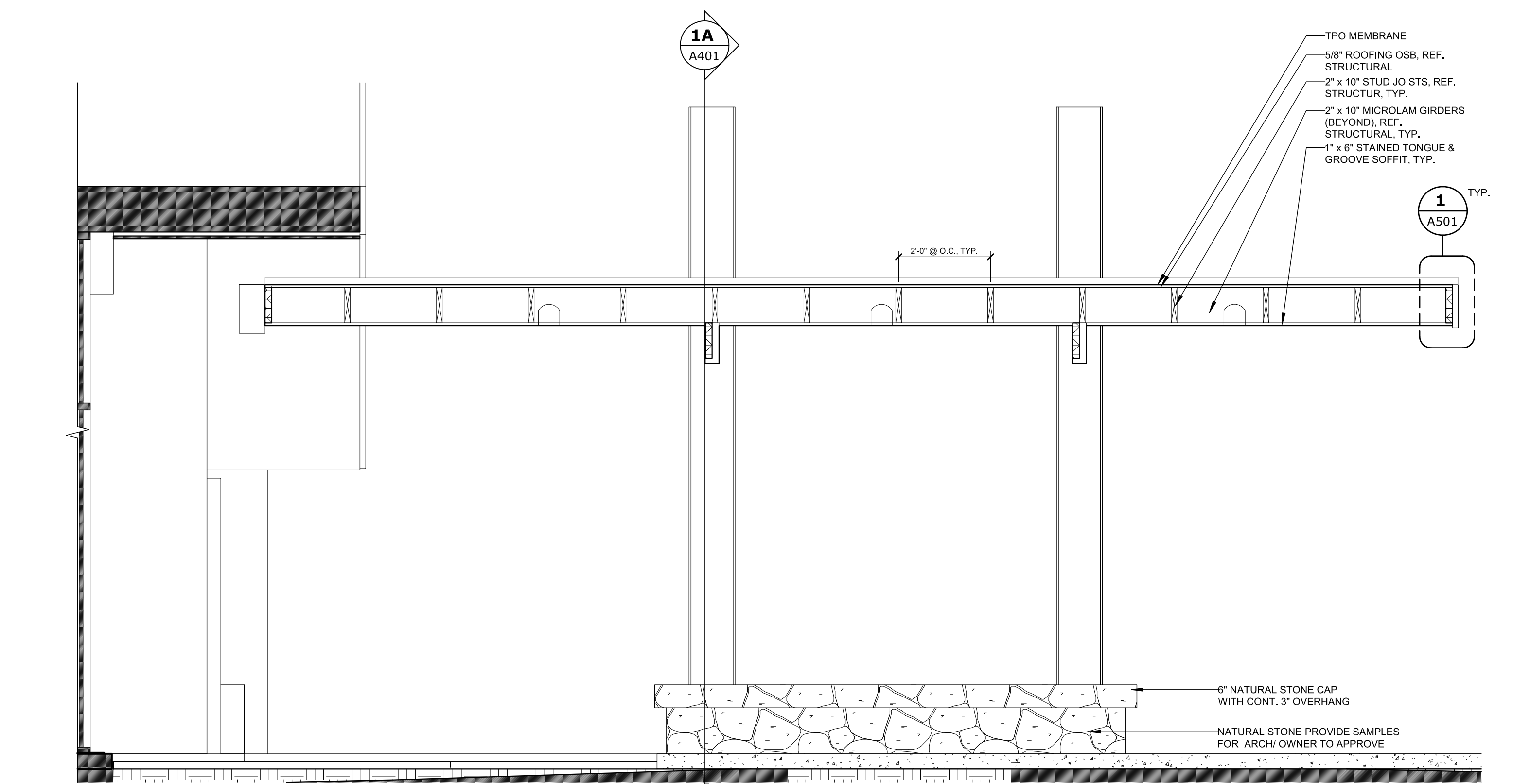
BID SET

PROJECT NO: 111-049.20  
 DRAWN BY: MAS  
 CHECKED BY: BTE  
 ISSUE DATE: 5/7/2021

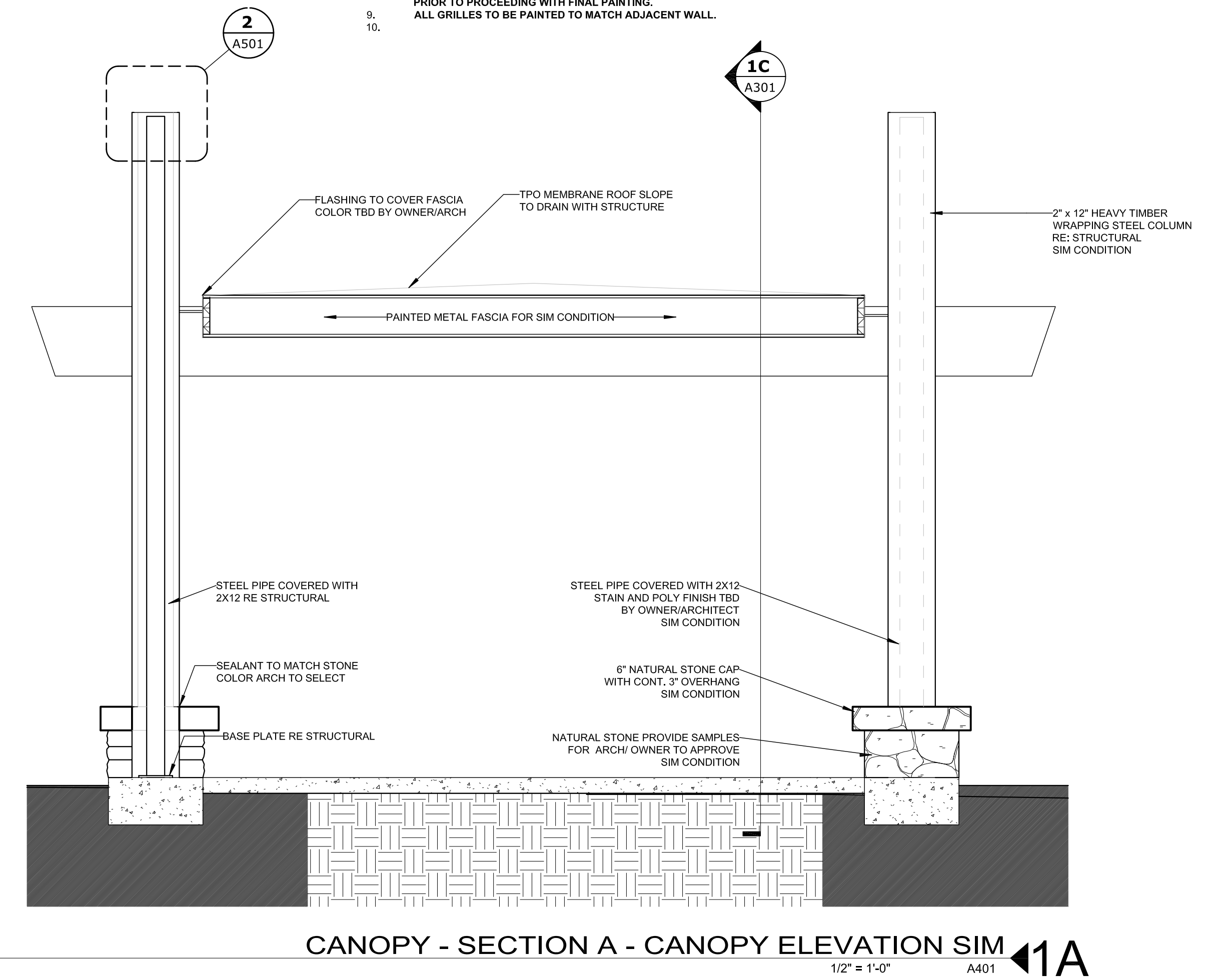
**A401**  
 Scale: As indicated



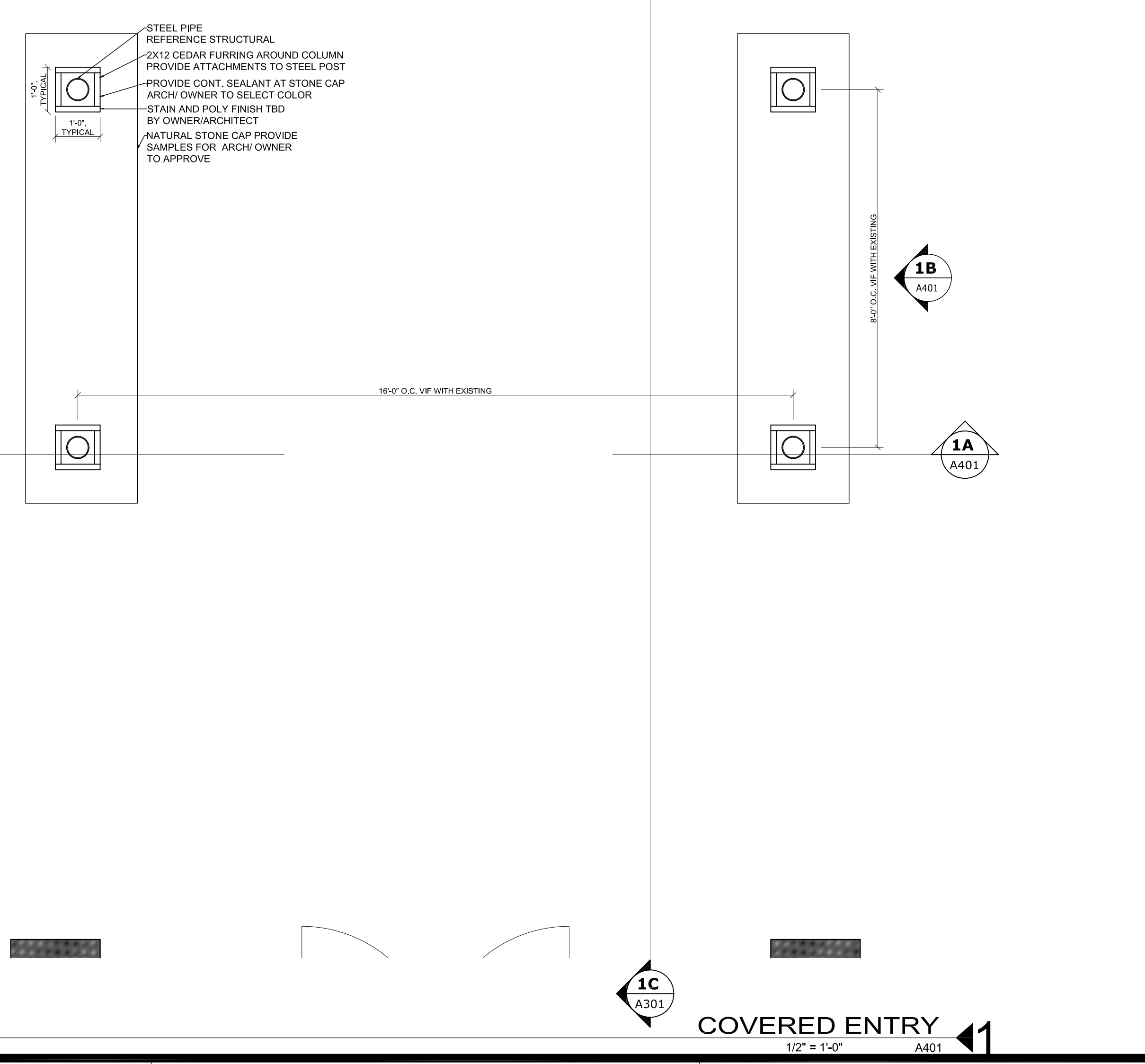
**CANOPY - EAST ELEVATION 1B**  
 1/2" = 1'-0" A401



**CANOPY - SECTION B 1C**  
 1/2" = 1'-0" A401



**CANOPY - SECTION A - CANOPY ELEVATION SIM 1A**  
 1/2" = 1'-0" A401



**COVERED ENTRY 1C**  
 1/2" = 1'-0" A401

5/4/2021 6:45:20 PM





**GENERAL NOTES - ENLARGED**

1. OUTSIDE OF DOOR JAMB ROUGH OPENINGS TO BE 3" FROM WALL INTERSECTIONS UNLESS OTHERWISE INDICATED.
2. PROVIDE BLOCKING FOR KITCHEN, BATHROOM AND FUTURE ADA ACCESSORIES.
3. DIMENSIONS ARE TO FACE OF STUD LAYER UNLESS OTHERWISE INDICATED.
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8. WALL, FLOOR, & CEILING FINISHES SHOULD BE REFERENCED WITH THE FINISH PLAN & RCPS.

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**CONSULTANTS**

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 Edmond, Oklahoma 73013  
 405.341.4031

**LANDSCAPE DESIGN**  
 LAUD Studio  
 220 Northwest 13th Street, Suite 3  
 Oklahoma City, Oklahoma 73103  
 405.420.8800

**STRUCTURAL ENGINEERING**  
 360 Engineering  
 1201 East 3rd Street  
 Tulsa, Oklahoma 74120  
 918.518.1124

**ARCHITECTURAL & INTERIOR DESIGN**  
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 15 West 6th Street, Suite 2100  
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**MECHANICAL, ELECTRICAL, PLUMBING, & FIRE PROTECTION ENGINEERING**  
 PHILLIPS + GOMEZ  
 15 West 6th Street, Suite 2510  
 Tulsa, Oklahoma 74119  
 918.584.0102

VINITA CULTURAL DEVELOPMENT CENTER

PROJECT:  
**CHEROKEE NATION  
 VINITA, OKLAHOMA**

KEY PLAN

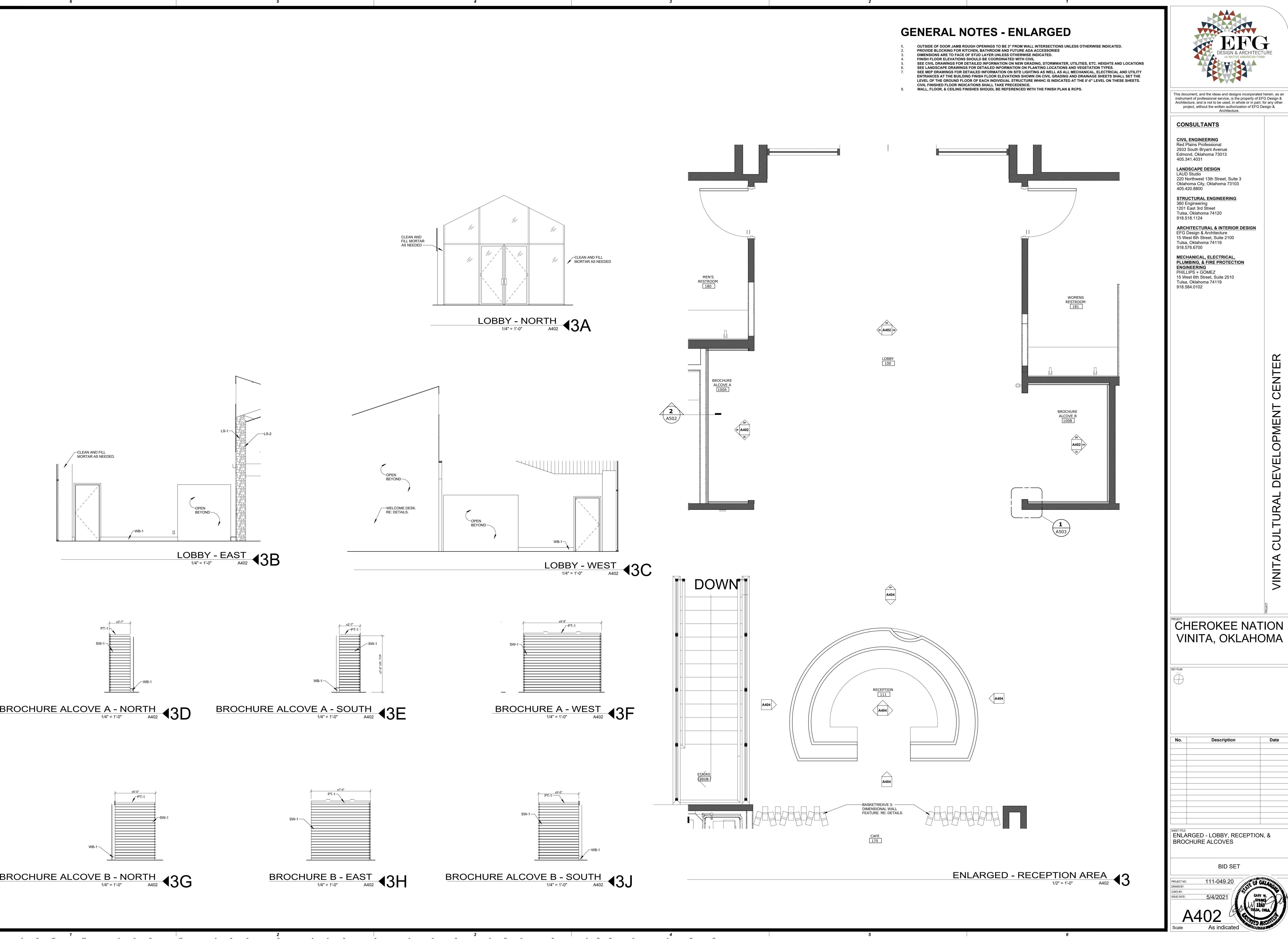
No.	Description	Date

REFERENCES:  
 ENLARGED - LOBBY, RECEPTION, &  
 BROCHURE ALCOVES

BID SET

PROJECT NO: 111-049.20  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 ISSUE DATE: 5/4/2021

**A402**  
 Scale As indicated





RESTROOM ACCESSORY SCHEDULE				
KEY	ITEM	MANUFACTURER	MODEL NUMBER	DESCRIPTION
01	SANITARY NAPKIN DISPOSAL	AMERICAN SPECIALTIES, INC.	0852	SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
02	TOILET TISSUE HOLDER	AMERICAN SPECIALTIES, INC.	0715	SURFACE MOUNTED DOUBLE TOILET TISSUE HOLDER, CHROME PLATED STEEL
03	TOILET SEAT COVER DISPENSER	AMERICAN SPECIALTIES, INC.	0477-SM	SURFACE MOUNTED TOILET SEAT COVER DISPENSER
04	GRAB BAR	AMERICAN SPECIALTIES, INC.	3800 SERIES	1 1/2" O.D. SNAP FLANGE GRAB BAR - 36" LENGTH
05	GRAB BAR	AMERICAN SPECIALTIES, INC.	3800 SERIES	1 1/2" O.D. SNAP FLANGE GRAB BAR - 42" LENGTH
06	BABY CHANGER	AMERICAN SPECIALTIES, INC.	9014	SURFACE MOUNTED HORIZONTAL PLASTIC BABY CHANGING STATION
07	SOAP DISPENSER	AMERICAN SPECIALTIES, INC.	0362-41	SURFACE MOUNTED AUTOMATIC LIQUID SOAP AND GEL HAND SANITIZER DISPENSER, MATTE BLACK
08	PAPER TOWEL DISPENSER / WASTE RECEPTACLE	AMERICAN SPECIALTIES, INC.	04692AC-6	SEMI-RECESSED AUTOMATIC ROLL PAPER TOWEL DISPENSER & WASTE RECEPTACLE, 110-240V / AC
09	MIRROR	AMERICAN SPECIALTIES, INC.	0620 - 2460 SERIES	24" W X 60" H STAINLESS STEEL CHAN-LOK FRAME MIRROR
10	MIRROR	URBAN MOOD		LYRA POSTMODERN SUSPENDED WALL MIRROR, SILVER
11	UTILITY SHELF/ HOOKS	AMERICAN SPECIALTIES, INC.	1308-3	SHELVES/UTILITY HOOK & MOP (4 HOOKS, 3 HOLDERS) 34" - SURFACE MOUNTED, TO BE INSTALLED @ ROOMS 190 & 290
12	AIR FRESHENER	AIR DELIGHTS	401218	MICROBURST 9000 AEROSOL DISPENSER

**GENERAL NOTES - ENLARGED**

1. PROVIDE BACK BLOCKING FOR MILLWORK, FIXTURES & ACCESSORIES AS REQD.
2. WALL, FLOOR, & CEILING FINISHES SHOULD BE REFERENCED WITH THE FINISH PLAN & RCPS.
3. TOILET PARTITIONS SHALL BE: GLOBAL PARTITIONS, FLOOR MOUNTED HEADRAIL BRACED, ALUMINUM WRAP AROUND HINGES, CONTINUOUS ALUMINUM BRACKETS, COLOR: #9013 METALLIC BRONZE



LASER CUT, COPPER FINISH, ADA COMPLIANT SIGNAGE AT RESTROOM ENTRIES. COORDINATE W/ ARCH.



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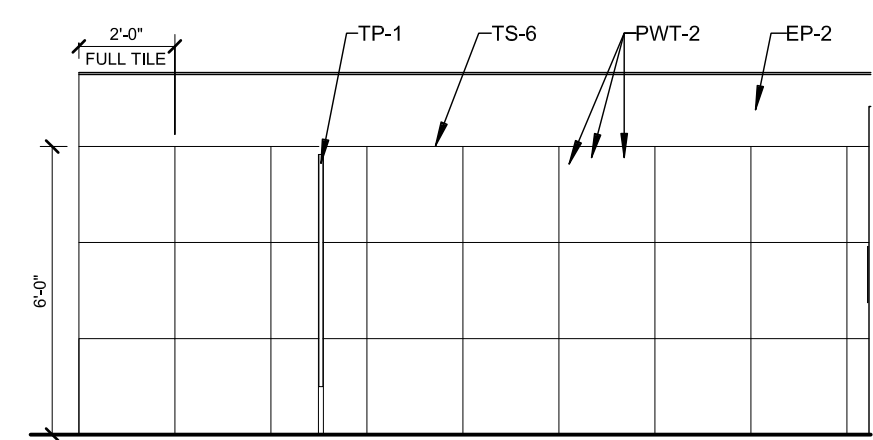
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Red Plains Professional  
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Edmond, Oklahoma 73013  
405.341.4031

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220 Northwest 13th Street, Suite 3  
Oklahoma City, Oklahoma 73103  
405.420.8800

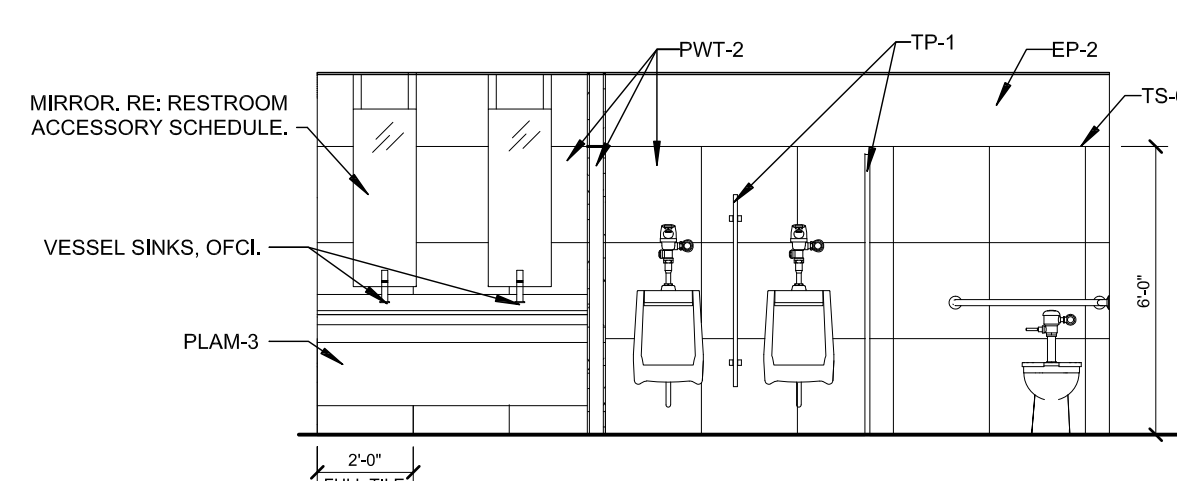
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Tulsa, Oklahoma 74120  
918.518.1124

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EFG Design & Architecture  
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918.576.6700

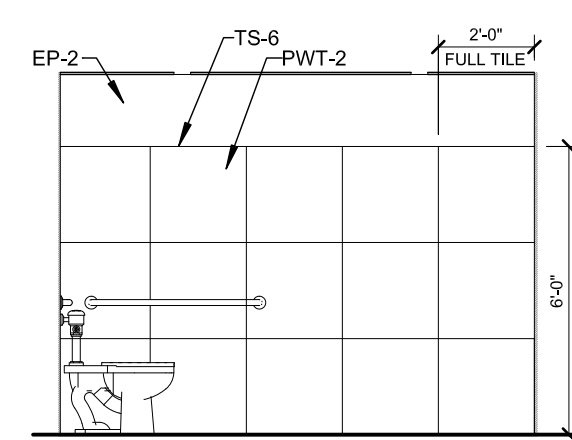
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PHILLIPS + GOMEZ  
15 West 6th Street, Suite 2510  
Tulsa, Oklahoma 74119  
918.584.0102



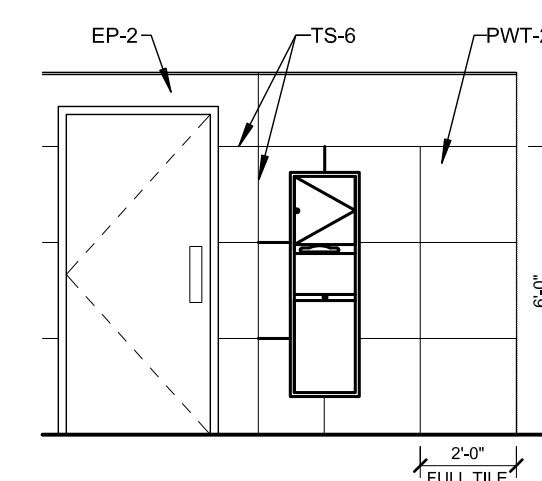
**MEN'S RESTROOM - NORTH** ◀5A  
1/4" = 1'-0" A403



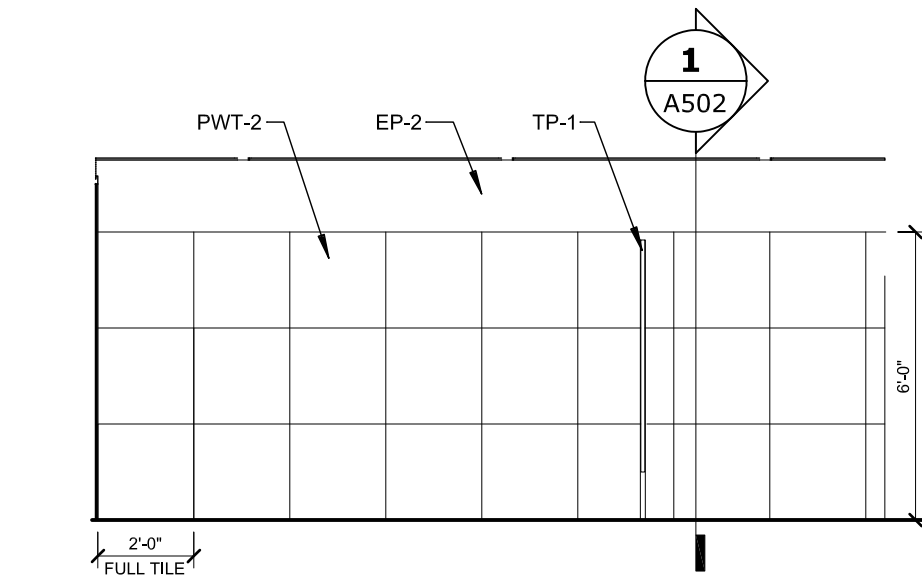
**MEN'S RESTROOM - SOUTH** ◀5B  
1/4" = 1'-0" A403



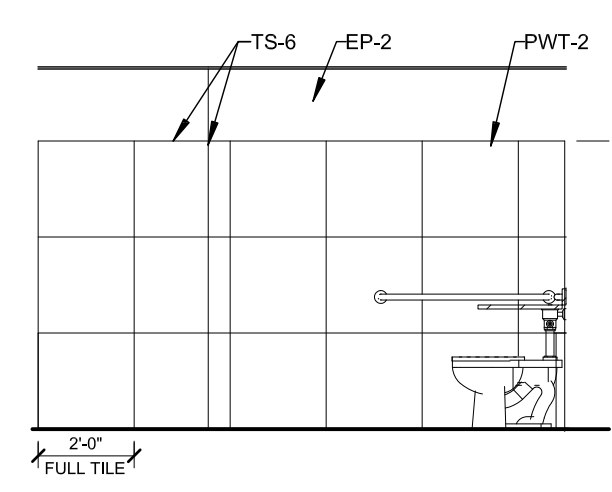
**MEN'S RESTROOM - WEST** ◀5C  
1/4" = 1'-0" A403



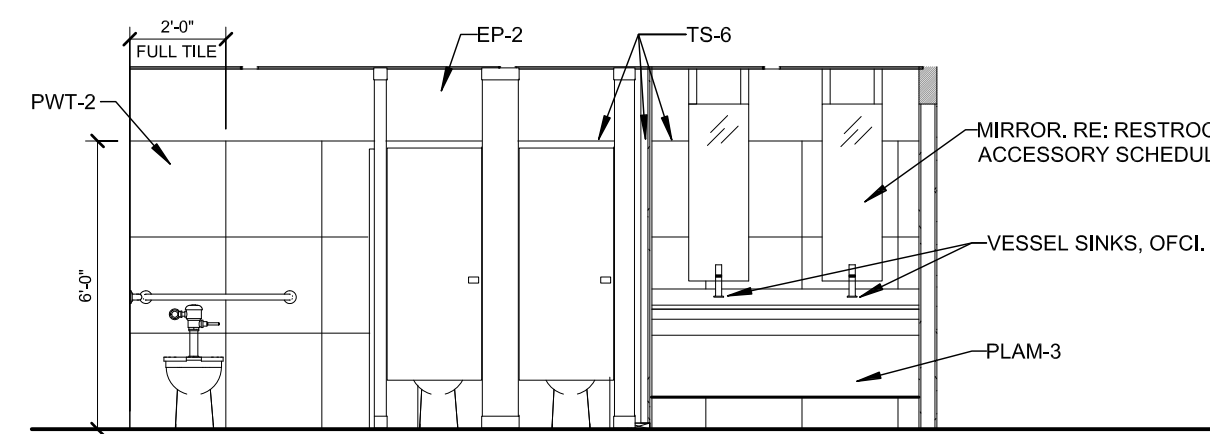
**MEN'S RESTROOM - EAST** ◀5D  
1/4" = 1'-0" A403



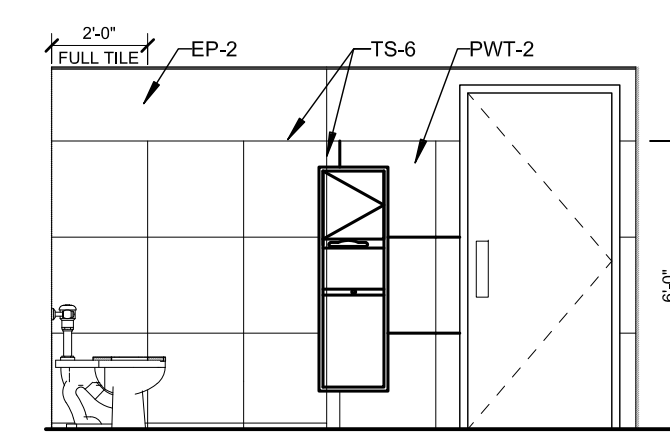
**WOMEN'S RESTROOM - NORTH** ◀4A  
1/4" = 1'-0" A403



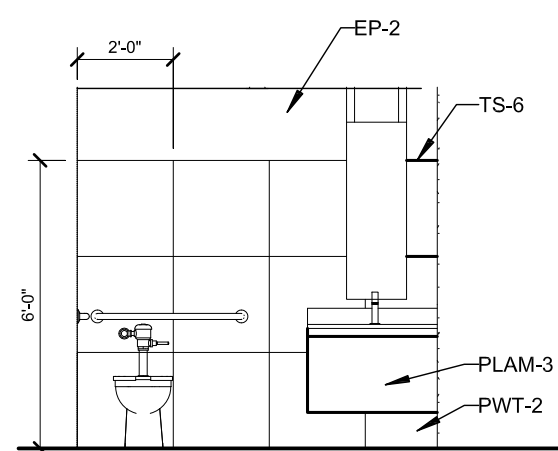
**WOMEN'S RESTROOM - EAST** ◀4B  
1/4" = 1'-0" A403



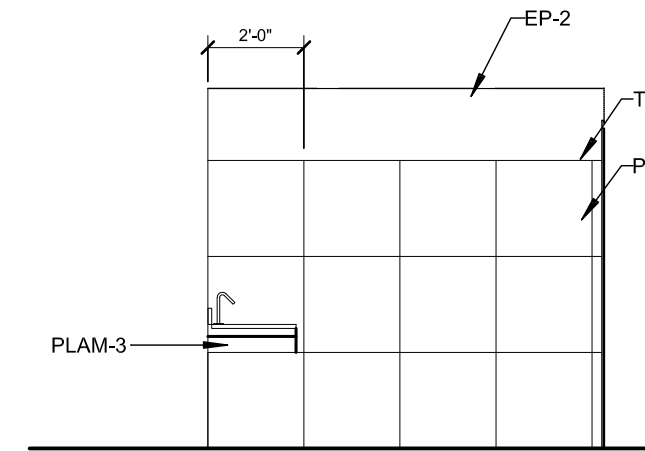
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1/4" = 1'-0" A403



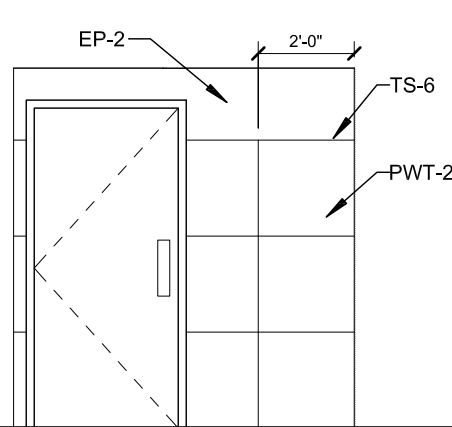
**WOMEN'S RESTROOM - WEST** ◀4D  
1/4" = 1'-0" A403



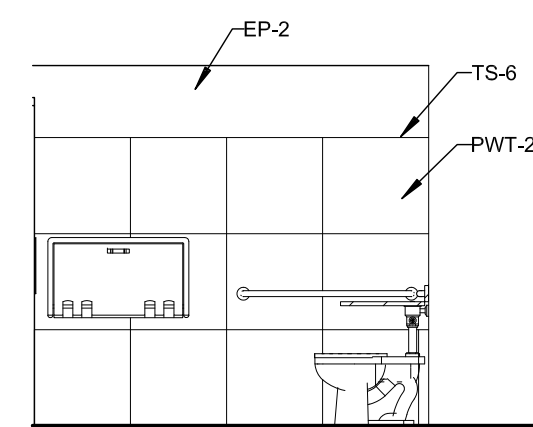
**FAMILY RESTROOM - NORTH** ◀5E  
1/4" = 1'-0" A403



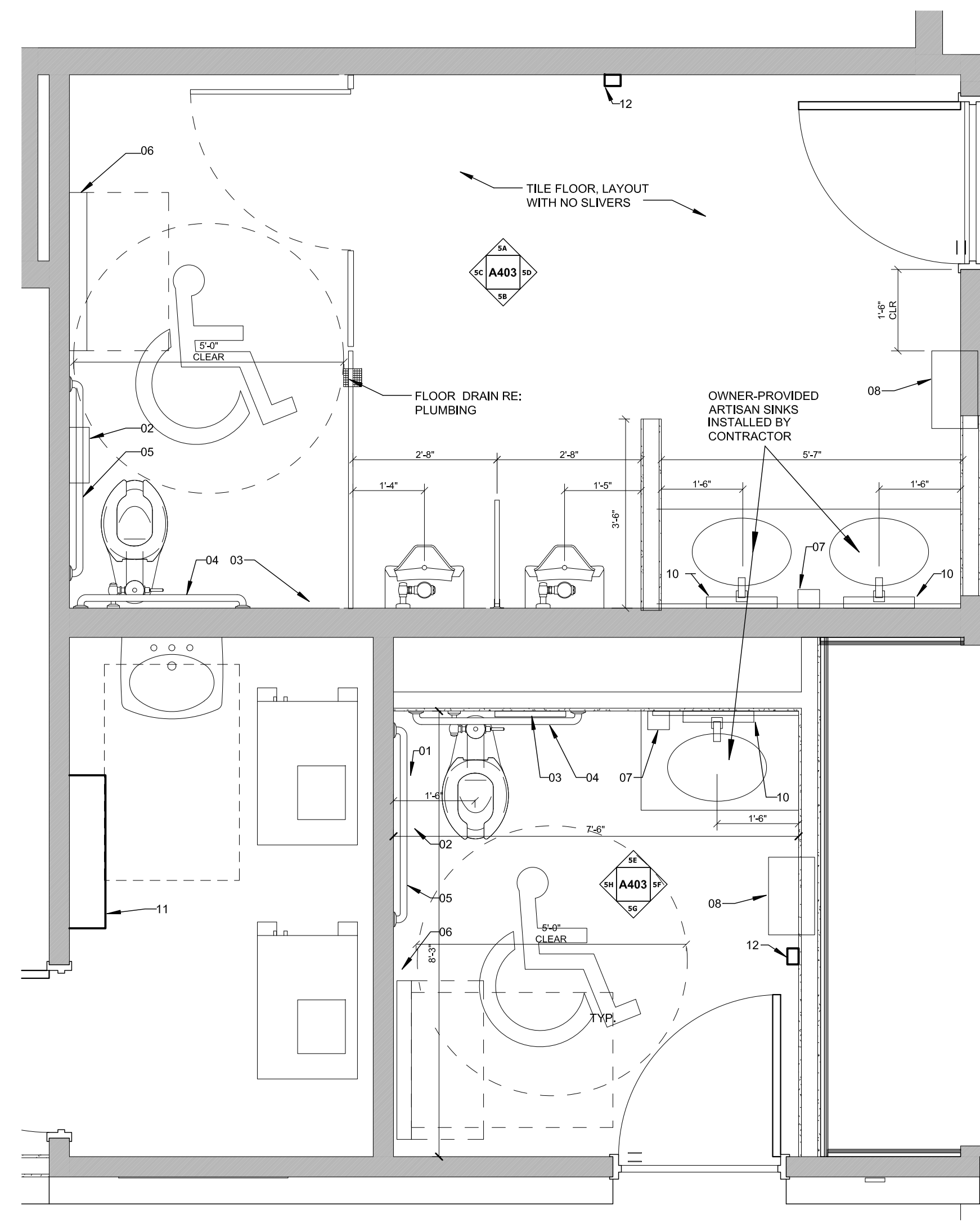
**FAMILY RESTROOM - EAST** ◀5F  
1/4" = 1'-0" A403



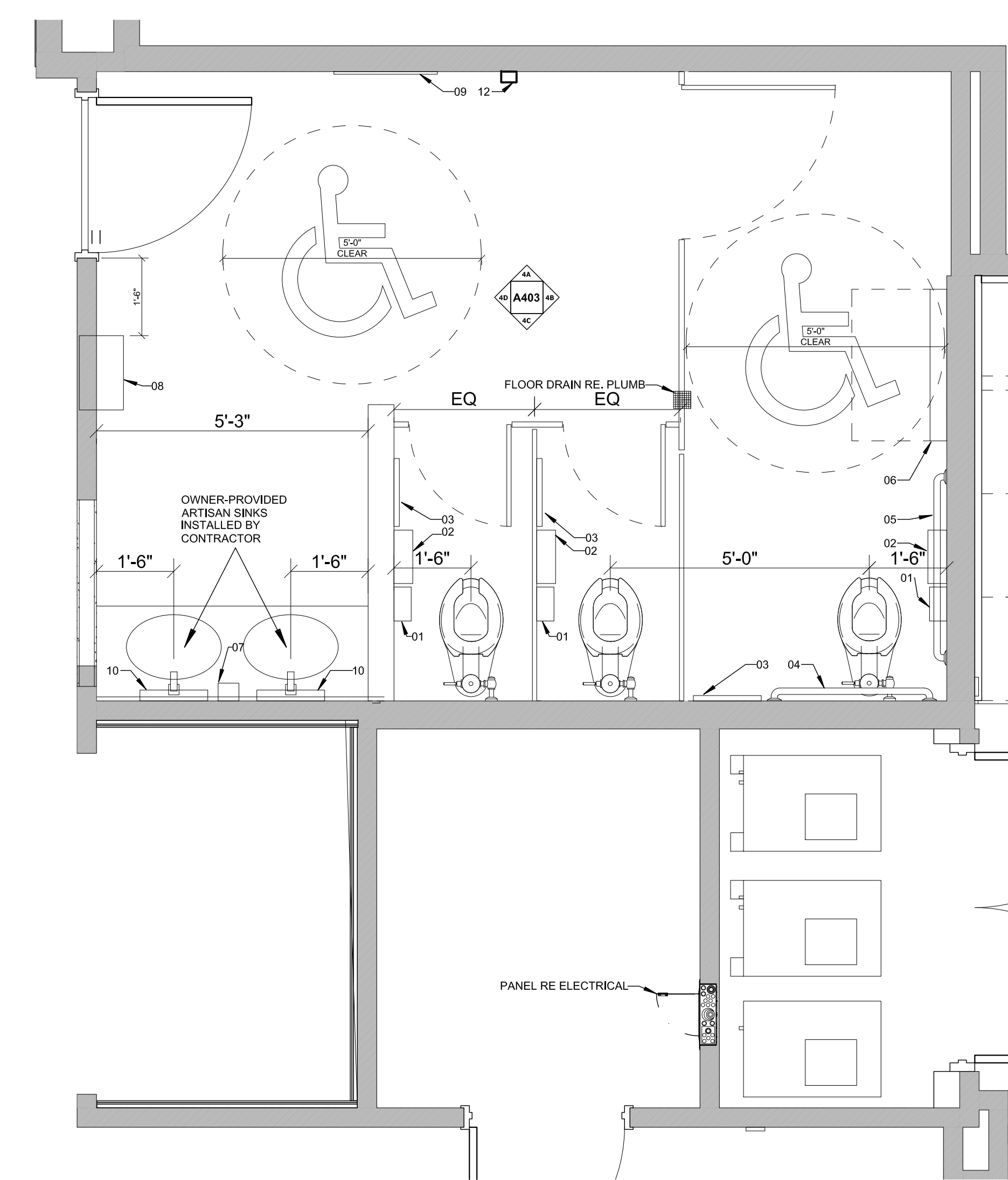
**FAMILY RESTROOM - SOUTH** ◀5G  
1/4" = 1'-0" A403



**FAMILY RESTROOM - WEST** ◀5H  
1/4" = 1'-0" A403



**ENLARGED - MEN'S RESTROOM** ◀5  
1/2" = 1'-0" A403



**ENLARGED - WOMEN'S RESTROOM** ◀4  
1/2" = 1'-0" A403

VINITA CULTURAL DEVELOPMENT CENTER

**CHEROKEE NATION VINITA, OKLAHOMA**

KEY PLAN

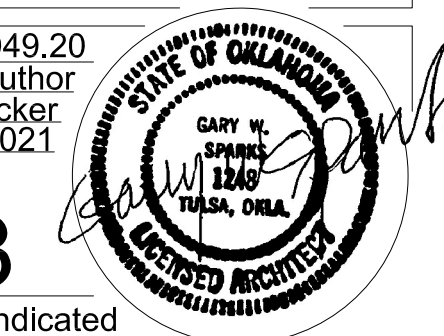
No. Description Date

SHEET TITLE: ENLARGED - UPPER LEVEL MENS, WOMENS, & FAMILY RESTROOMS

BID SET

PROJECT NO: 111-049.20  
DRAWN BY: Author  
CHKD BY: Checker  
ISSUE DATE: 5/7/2021

**A403**  
Scale As Indicated





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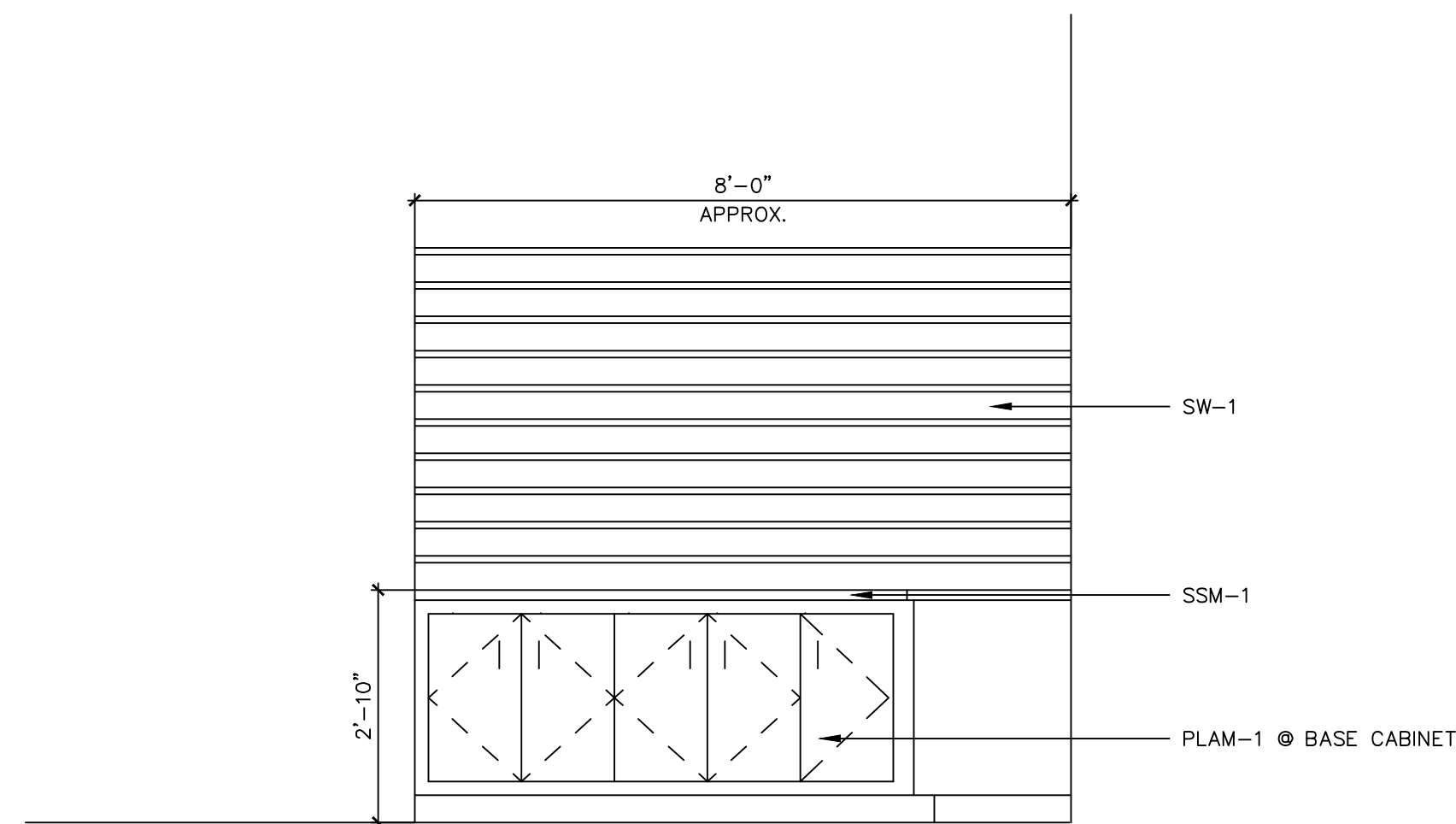
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918.584.0102

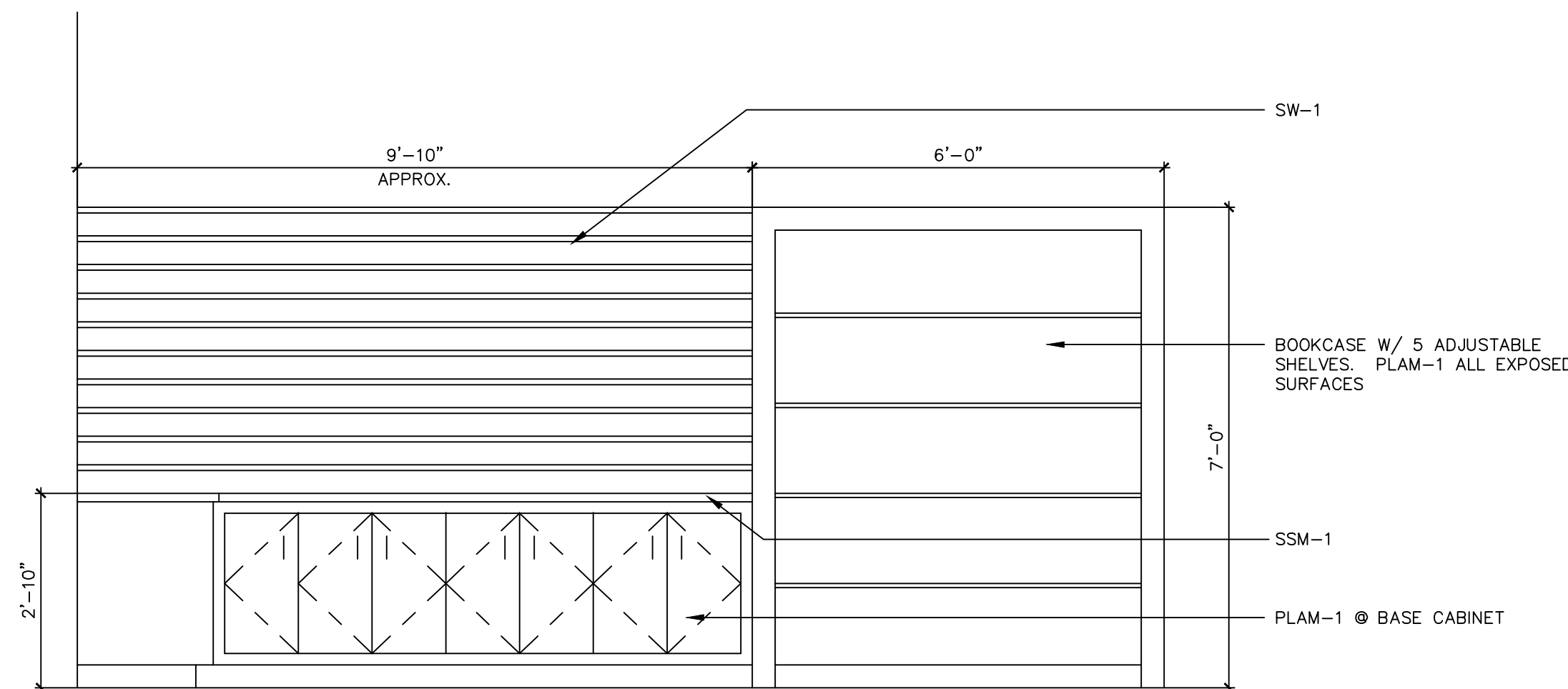
**GENERAL NOTES:**

CUSTOM RECEPTION DESK WILL BE COORDINATED WITH OWNER/ARCHITECT FOR FINAL DESIGN APPROVAL. BID SHOULD ALLOW FOR CUSTOM FEATURE IE. BACK-LIT LIGHTING TBD OTHER SPECIFIC ITEMS DESCRIBED IN BID DOCUMENTS WILL NEED TO BE COORDINATED WITH CUSTOM MILL WORK MANUFACTURER AND ARCHITECT

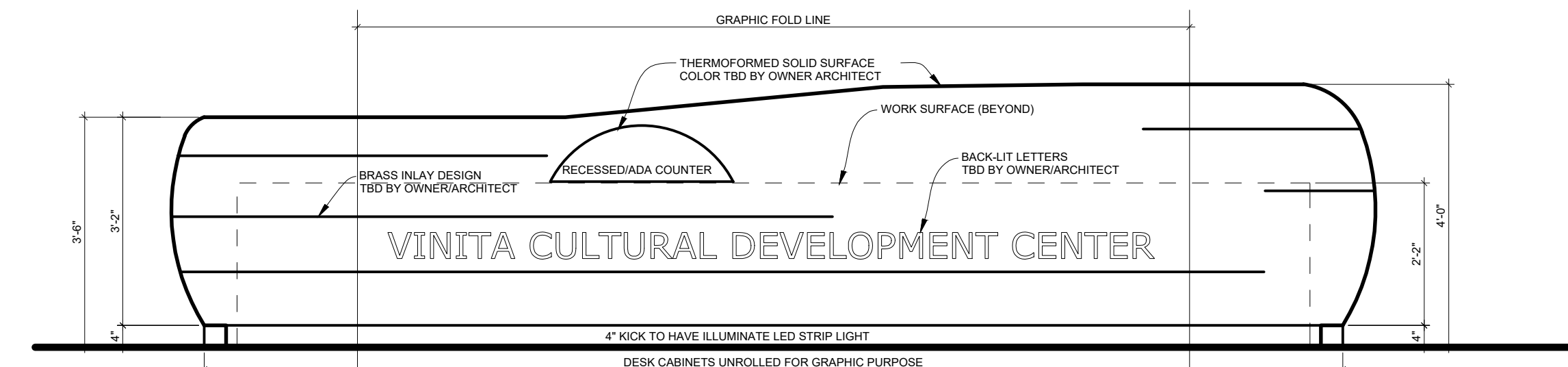
ADD ALTERNATE PROVIDE ADD ALTERNATE FOR THE DESK TO BE "Cnc'ed" (BAL TIC BIRCH OR EQUAL) WOOD FINISH IN LIEU OF THERMOFORMED SOLID SURFACE AND COORDINATE WITH MILLWORK MANUFACTURER AND ARCHITECT.



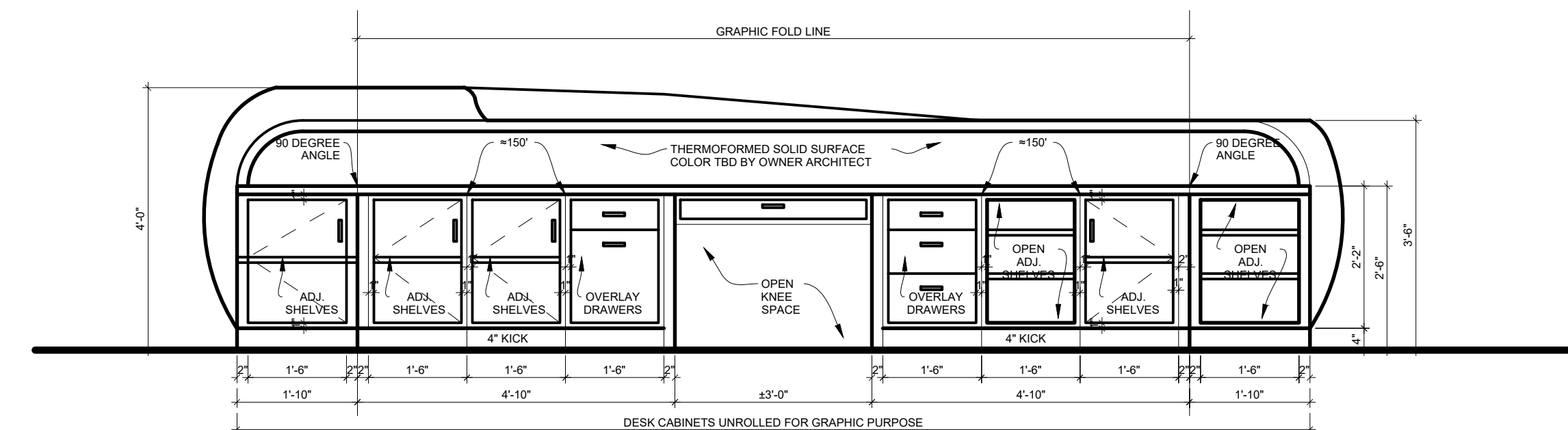
RETAIL CABINET - ELEVATION 16  
1/2" = 1'-0" A404



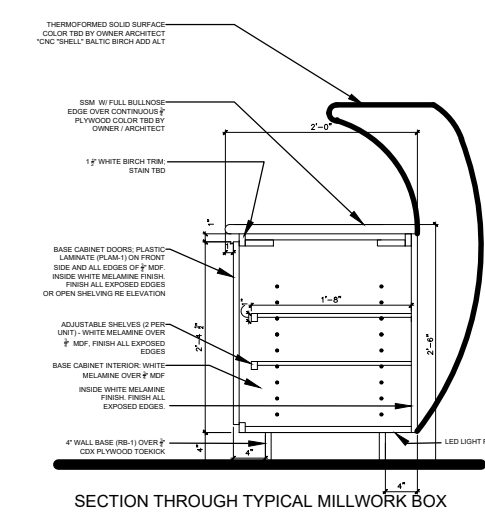
RETAIL CABINET - ELEVATION 15  
1/2" = 1'-0" A404



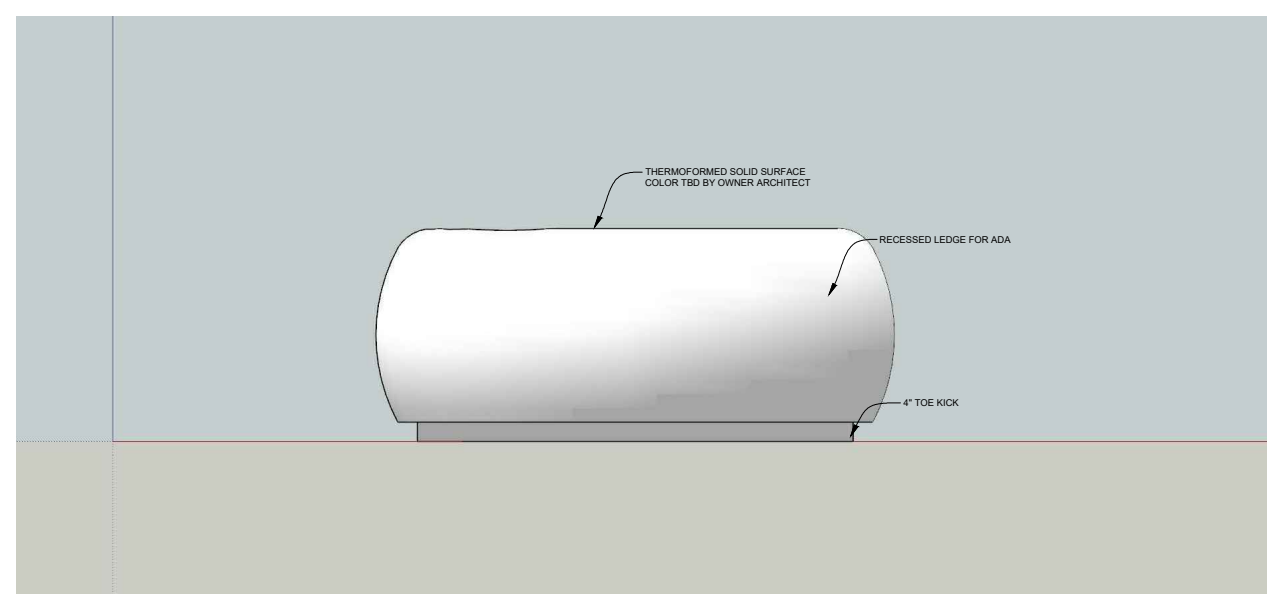
RECEPTION DESK - FRONT ELEVATIONS 14  
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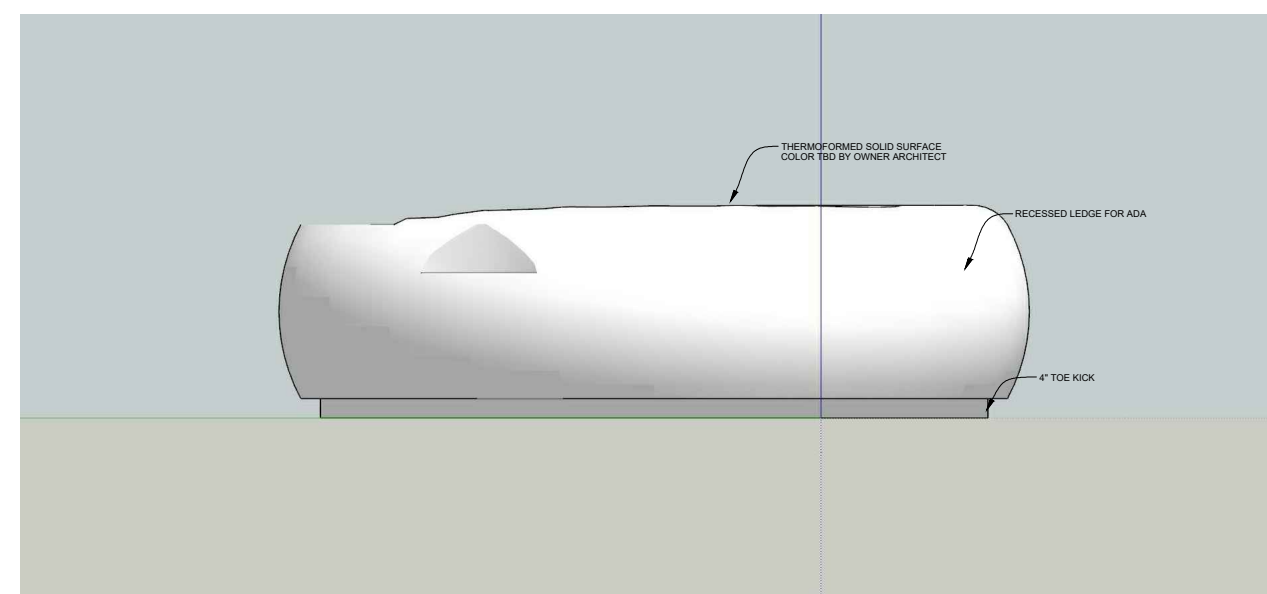
RECEPTION DESK - INTERIOR ELEVATIONS 13  
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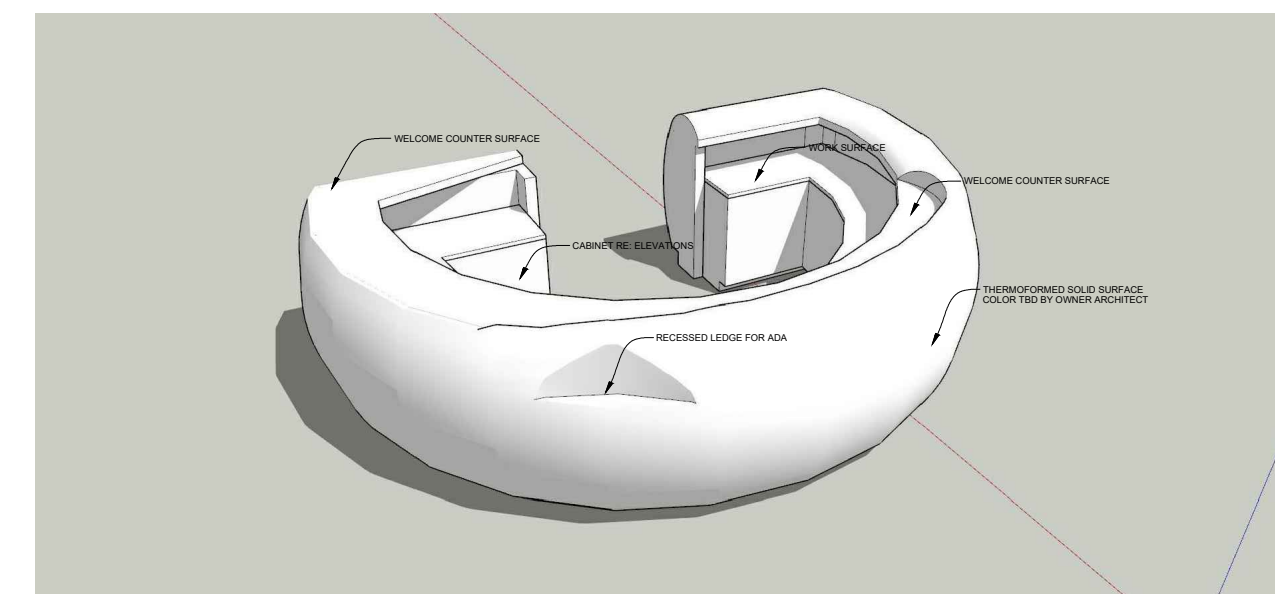
SECTION THROUGH TYPICAL MILLWORK BOX



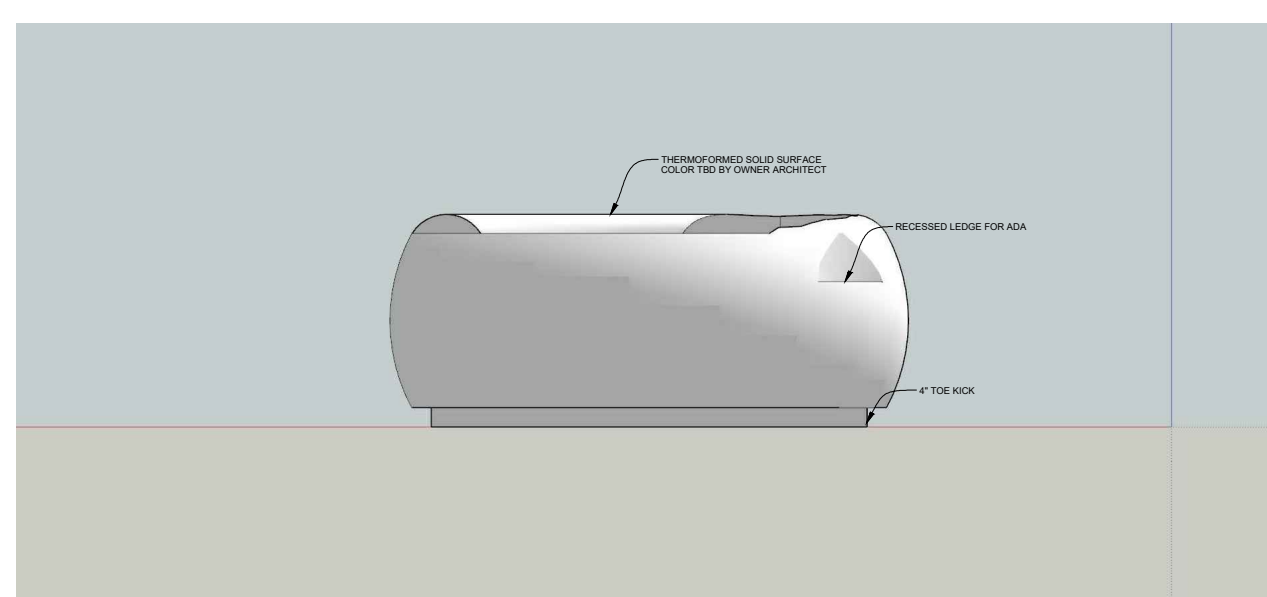
ELEVATION - WEST



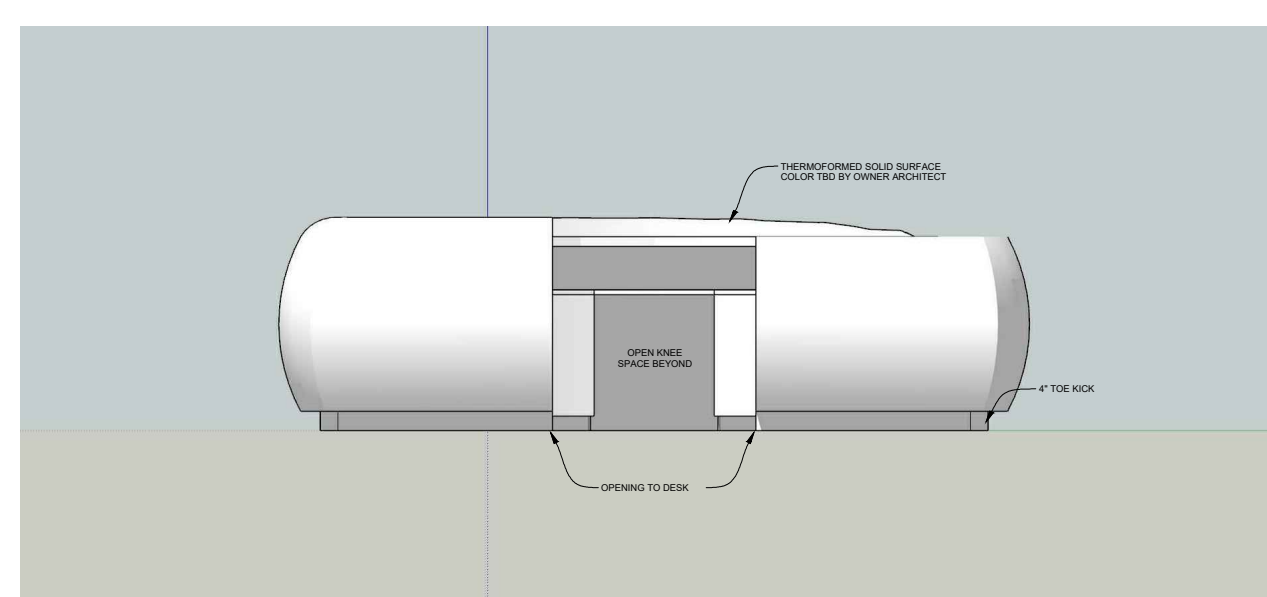
ELEVATION - NORTH



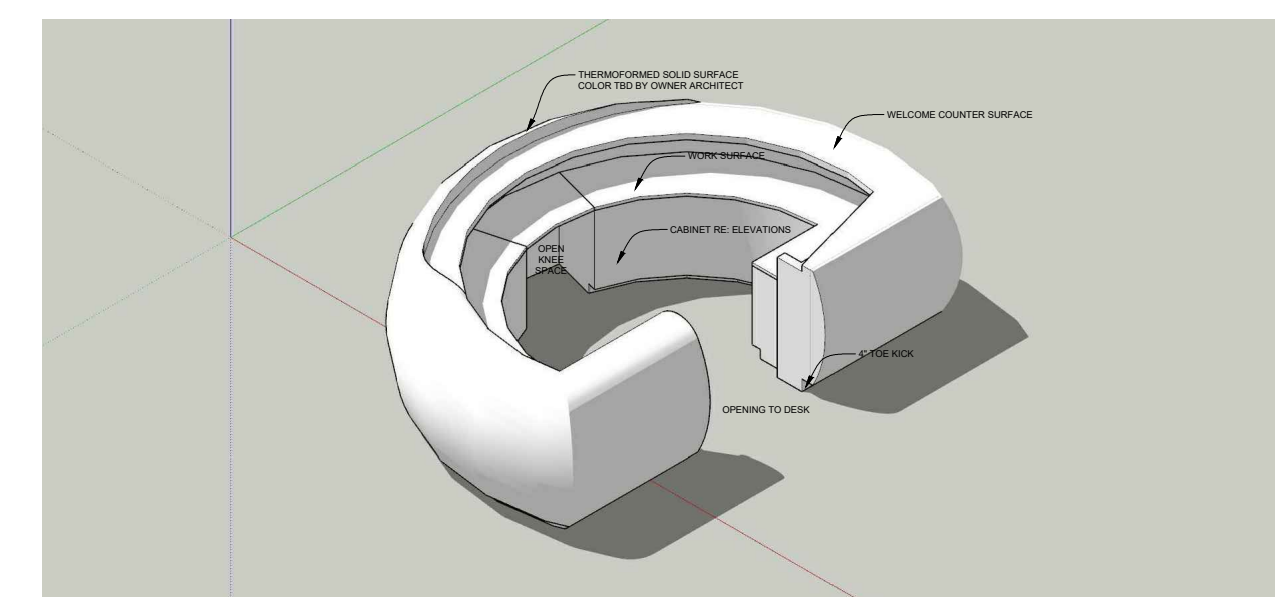
3D PERSPECTIVE - NORTHEAST



ELEVATION - EAST

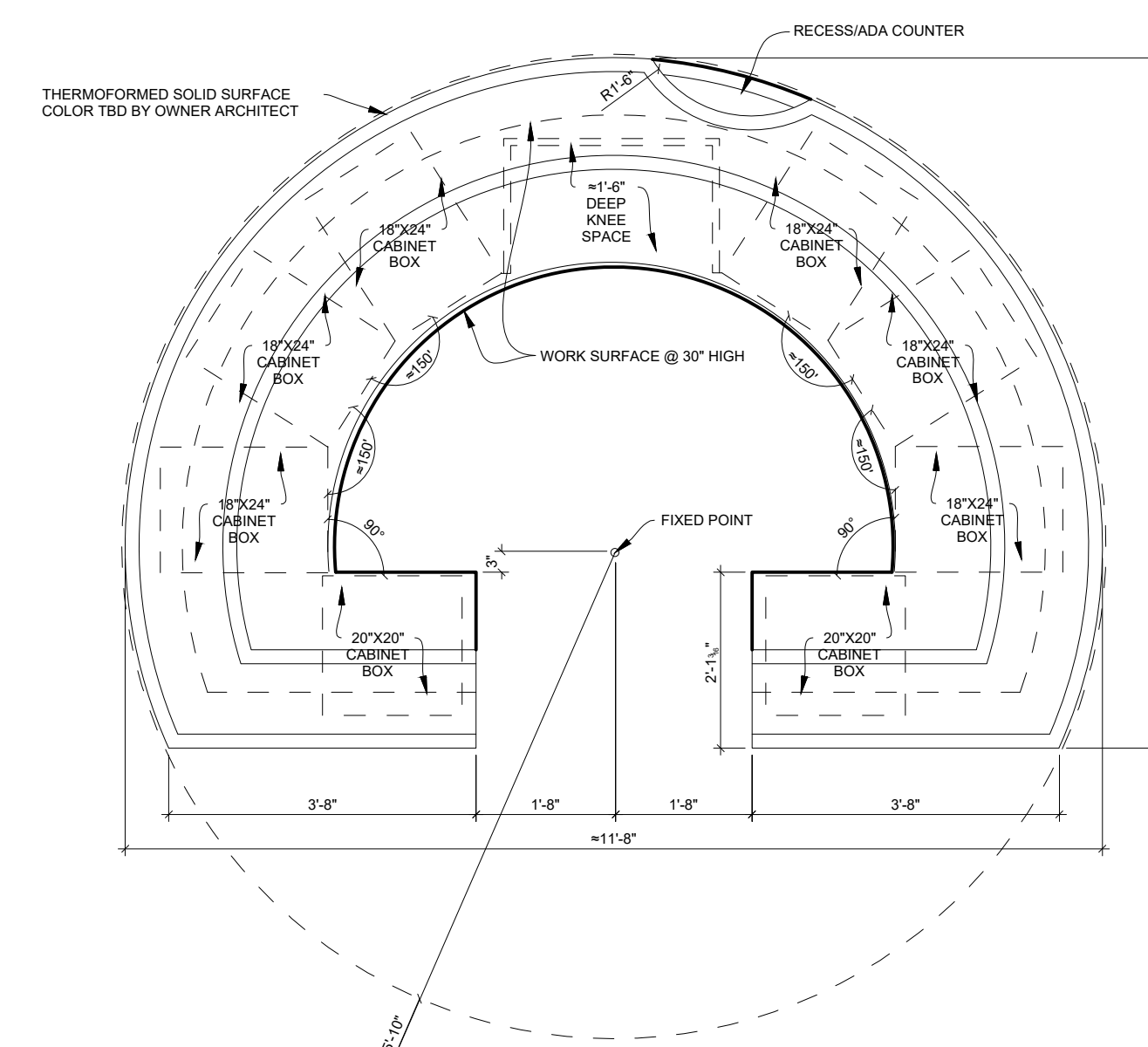


ELEVATION - SOUTH



3D PERSPECTIVE - SOUTHWEST

RECEPTION DESK - 3D IMAGES 12  
1/64" = 1'-0" A404



RECEPTION DESK - PLAN 11  
1/2" = 1'-0" A404

VINITA CULTURAL DEVELOPMENT CENTER

PROJECT: CHEROKEE NATION  
VINITA, OKLAHOMA

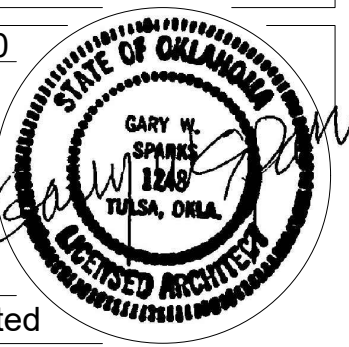
KEY PLAN

No.	Description	Date

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BID SET

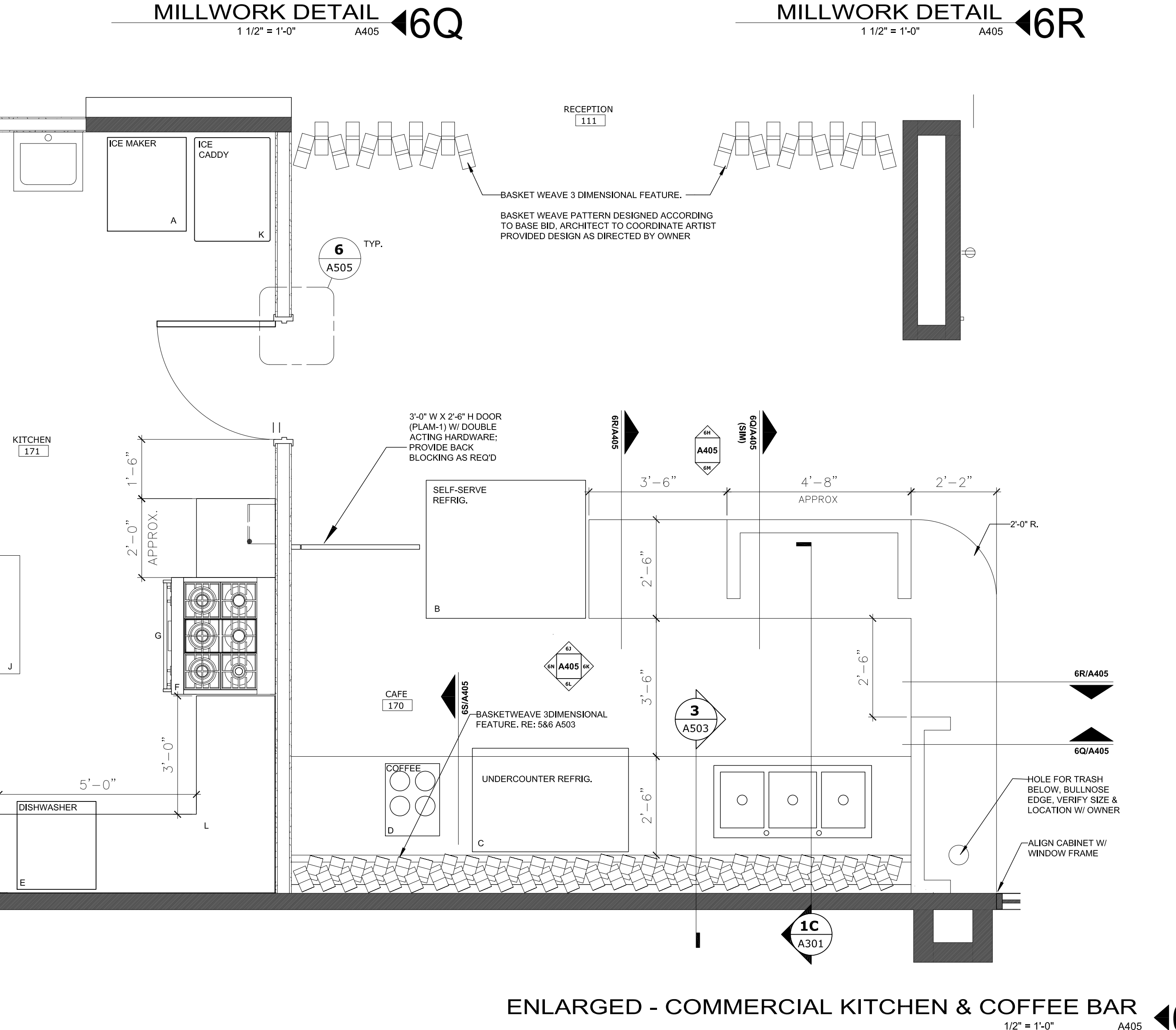
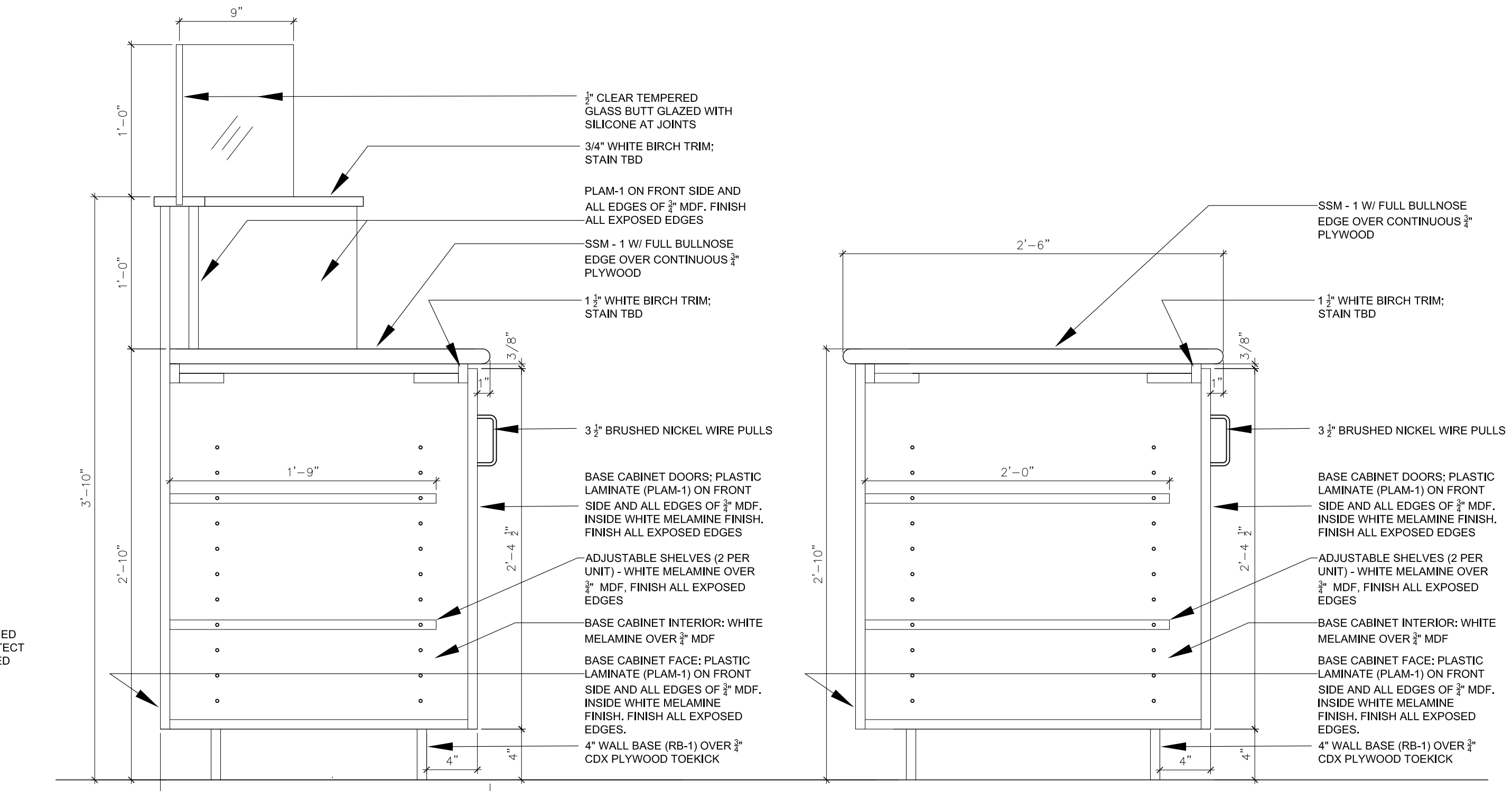
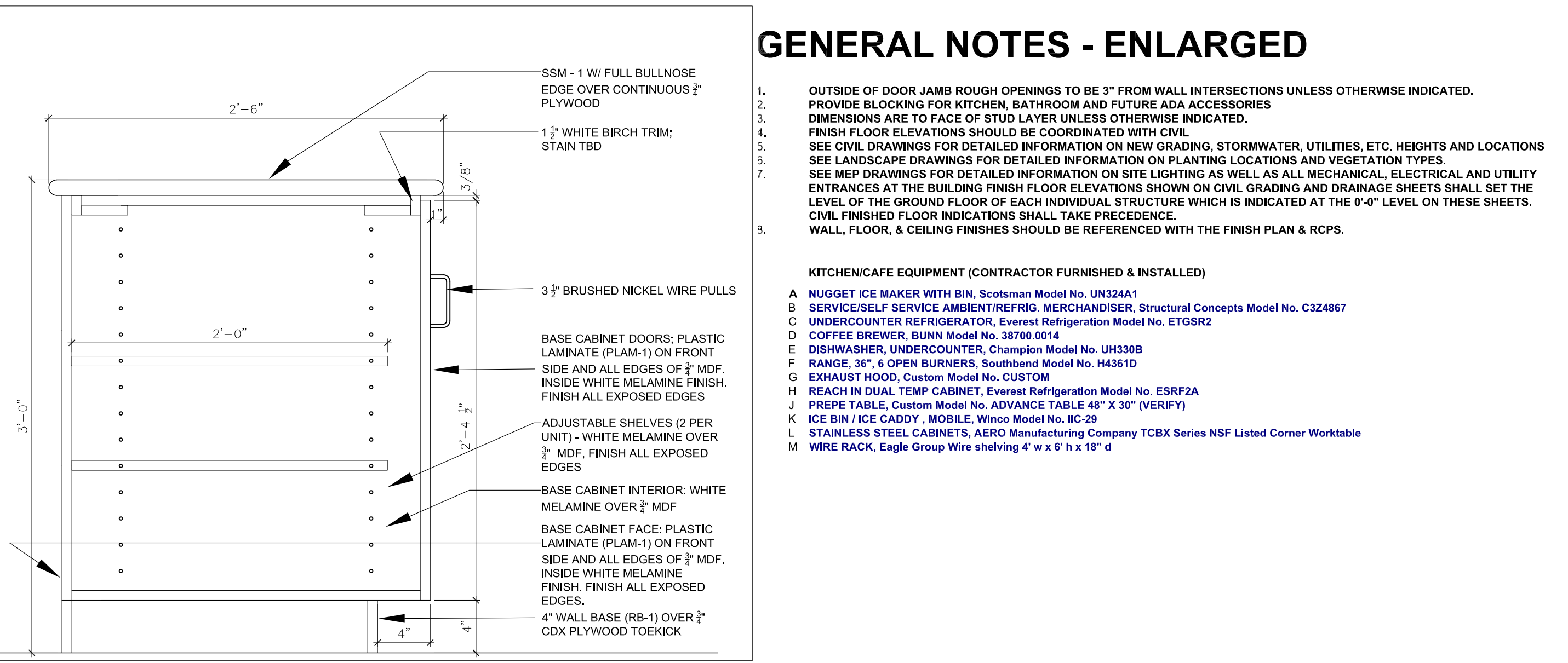
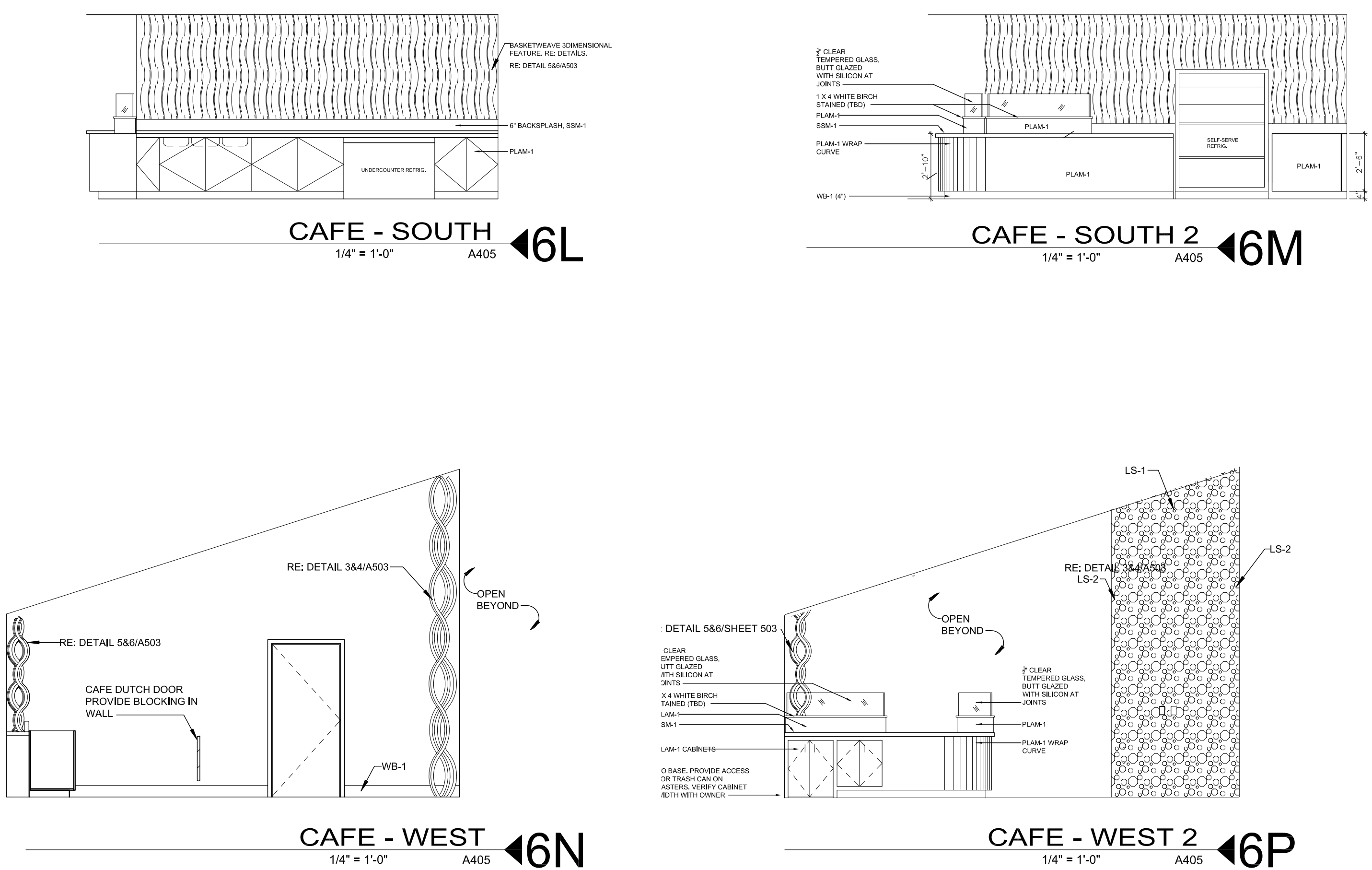
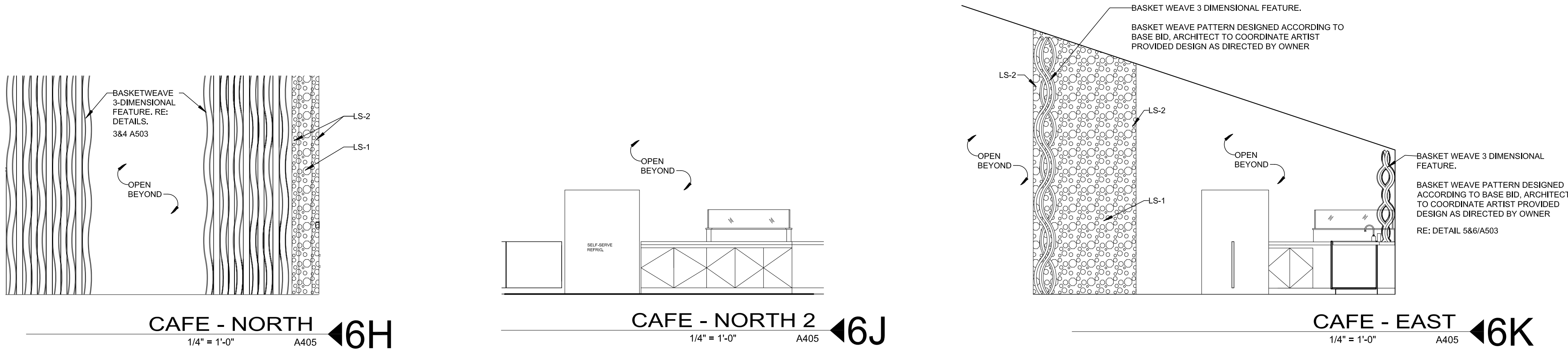
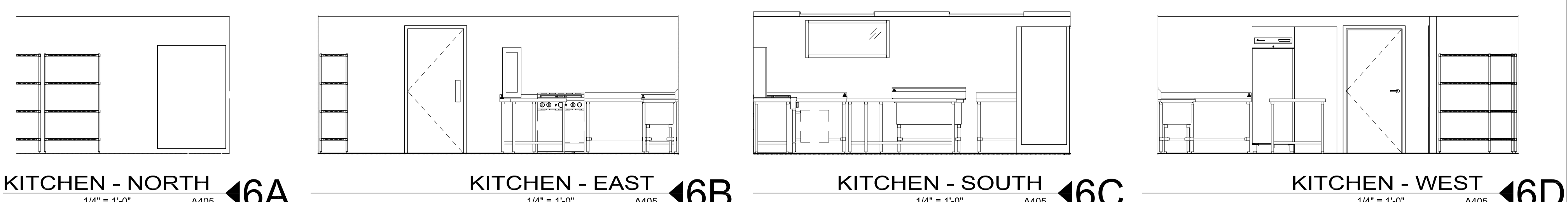
PROJECT NO: 111-049.20  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]  
ISSUE DATE: 5/7/2021

A404  
Scale As indicated



5/4/2021 16:45:42 PM





**GENERAL NOTES - ENLARGED**

1. PROVIDE BLOCKING FOR KITCHEN, BATHROOM AND FUTURE ADA ACCESSORIES DIMENSIONS ARE TO FACE OF STUD LAYER UNLESS OTHERWISE INDICATED.
2. FINISH FLOOR ELEVATIONS SHOULD BE COORDINATED WITH CIVIL.
3. SEE CIVIL DRAWINGS FOR DETAILED INFORMATION ON NEW GRADING, STORMWATER, UTILITIES, ETC. HEIGHTS AND LOCATIONS.
4. SEE LANDSCAPE DRAWINGS FOR DETAILED INFORMATION ON PLANTING LOCATIONS AND VEGETATION TYPES.
5. SEE MEP DRAWINGS FOR DETAILED INFORMATION ON SITE LIGHTING AS WELL AS ALL MECHANICAL, ELECTRICAL AND UTILITY ENTRANCES AT THE BUILDING. FINISH FLOOR ELEVATIONS SHOWN ON CIVIL, GRADING AND DRAINAGE SHEETS SHALL SET THE LEVEL OF THE GROUND FLOOR OF EACH INDIVIDUAL STRUCTURE WHICH IS INDICATED AT THE 0'-0" LEVEL ON THESE SHEETS. CIVIL FINISHED FLOOR INDICATIONS SHALL TAKE PRECEDENCE.
6. WALL, FLOOR, & CEILING FINISHES SHOULD BE REFERENCED WITH THE FINISH PLAN & RCPS.

- KITCHEN/CAFE EQUIPMENT (CONTRACTOR FURNISHED & INSTALLED)**
- A. NUGGET ICE MAKER WITH BIN, Scotsman Model No. UN324A1
  - B. SERVICE SELF SERVICE AMBIENT FREEZER, Merchandiser, Structural Concepts Model No. CS24687
  - C. UNDERCOUNTER REFRIGERATOR, Everest Refrigeration Model No. ETGR2
  - D. COFFEE BREWER, Bunn Model No. 38706.0014
  - E. DISHWASHER, UNDERCOUNTER, Champion Model No. UH330B
  - F. RANGE, 30", 6 OPEN BURNERS, Southern Model No. H4361D
  - G. EXHAUST HOOD, Custom Model No. CUSTOM
  - H. REACH IN DUAL TEMP CABINET, Everest Refrigeration Model No. ESRFA
  - I. PREP TABLE, Custom Model No. ADVANCE TABLE 48" X 30" (SERVIT)
  - J. ICE BIN / ICE CADDY, MOBILE, Winco Model No. IC-29
  - K. STAINLESS STEEL CABINETS, Aero Manufacturing Company TCBX Series NSF Listed Corner Worktable
  - L. WIRE RACK, Eagle Group Wire shelving 4 x 6' h x 18" d



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918.584.0102

VINITA CULTURAL DEVELOPMENT CENTER

**CHEROKEE NATION VINITA, OKLAHOMA**

REVISION

No.	Description	Date

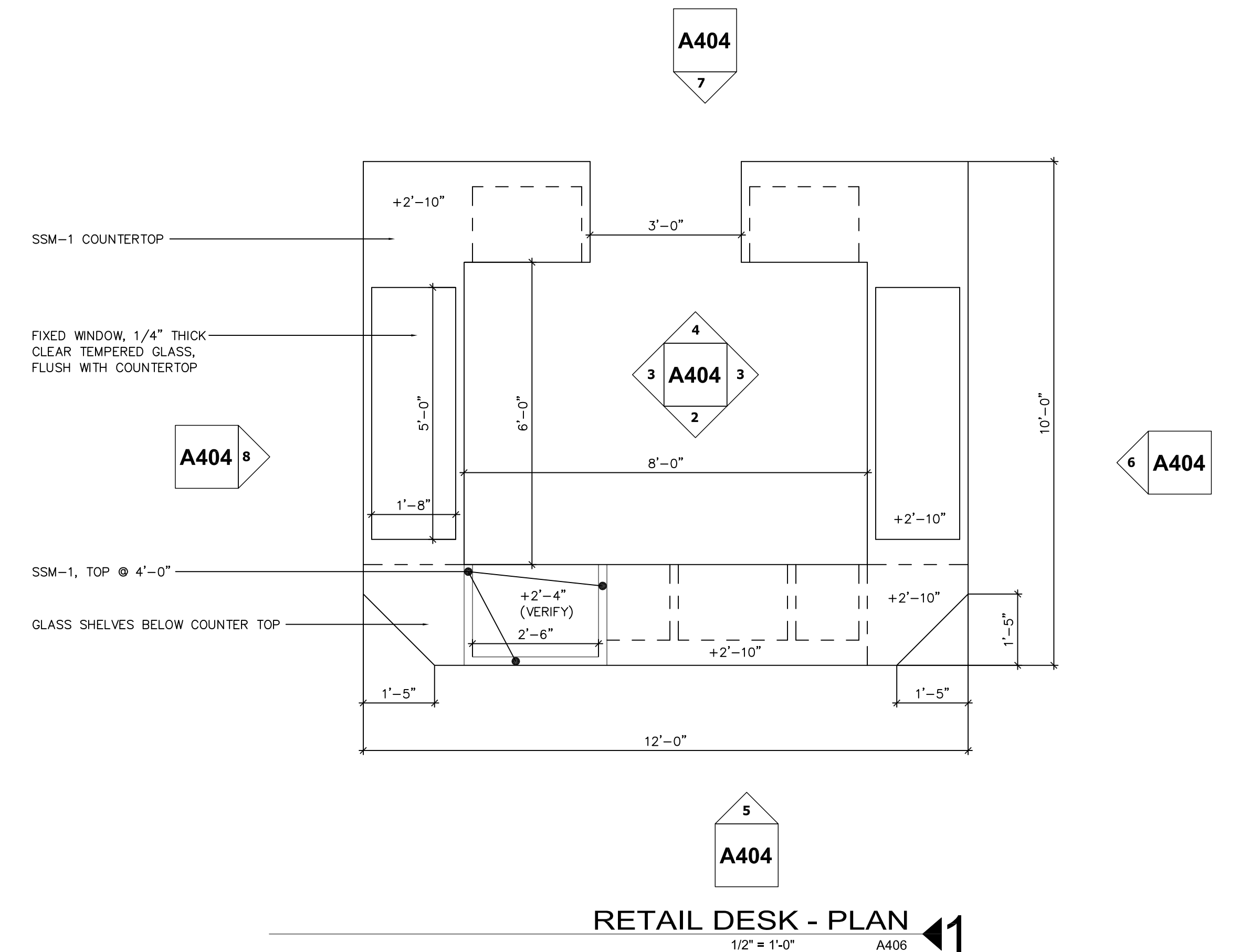
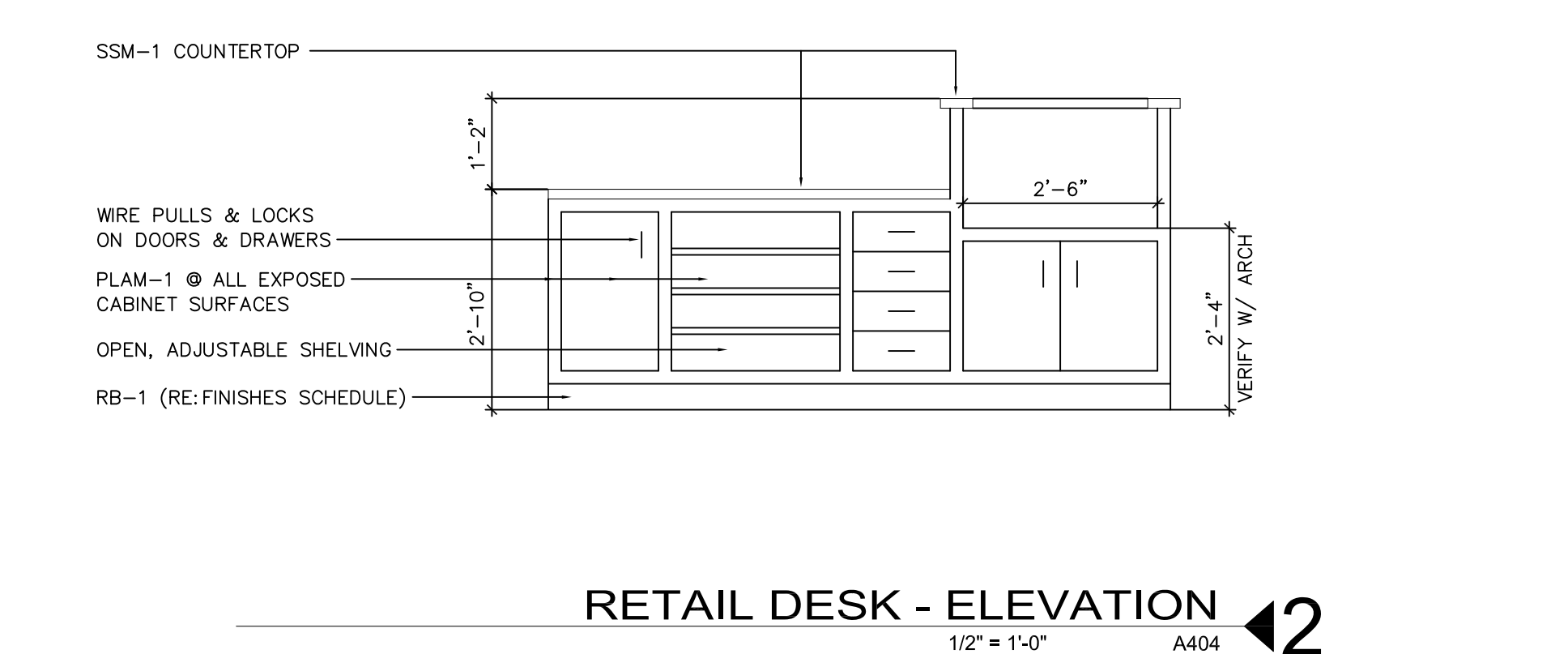
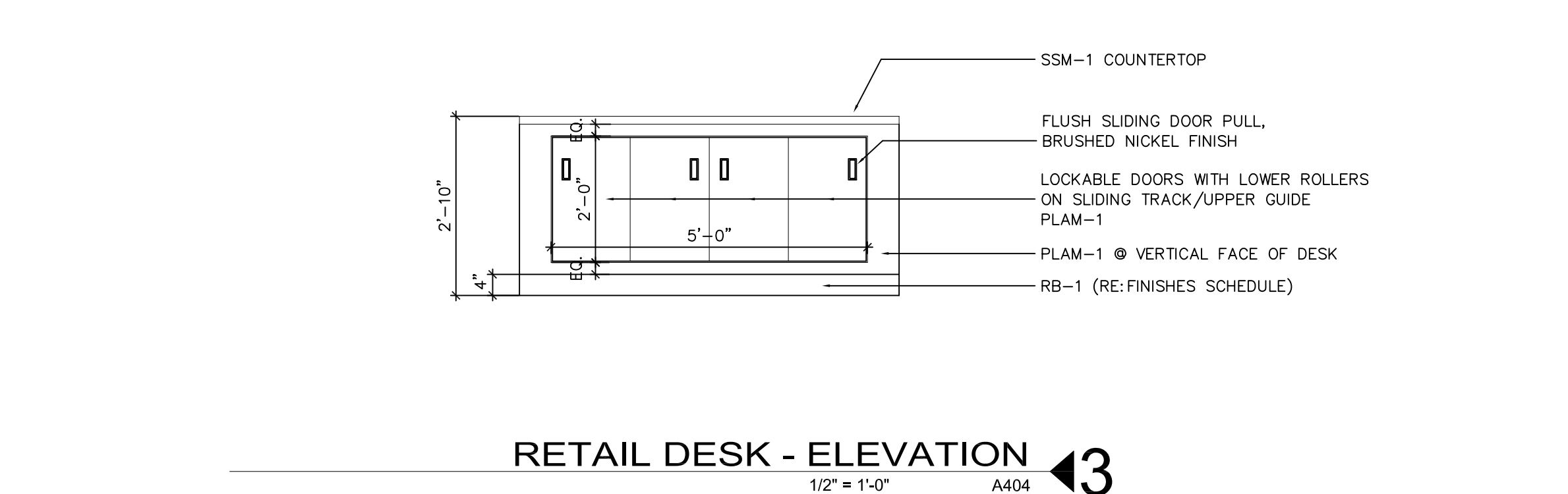
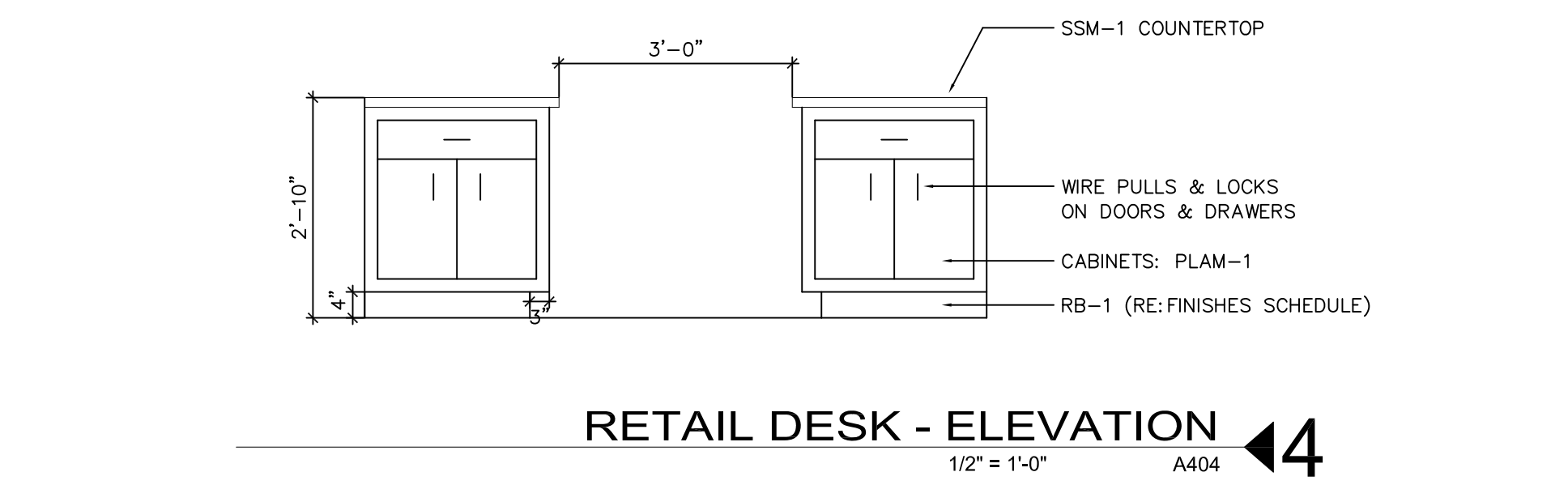
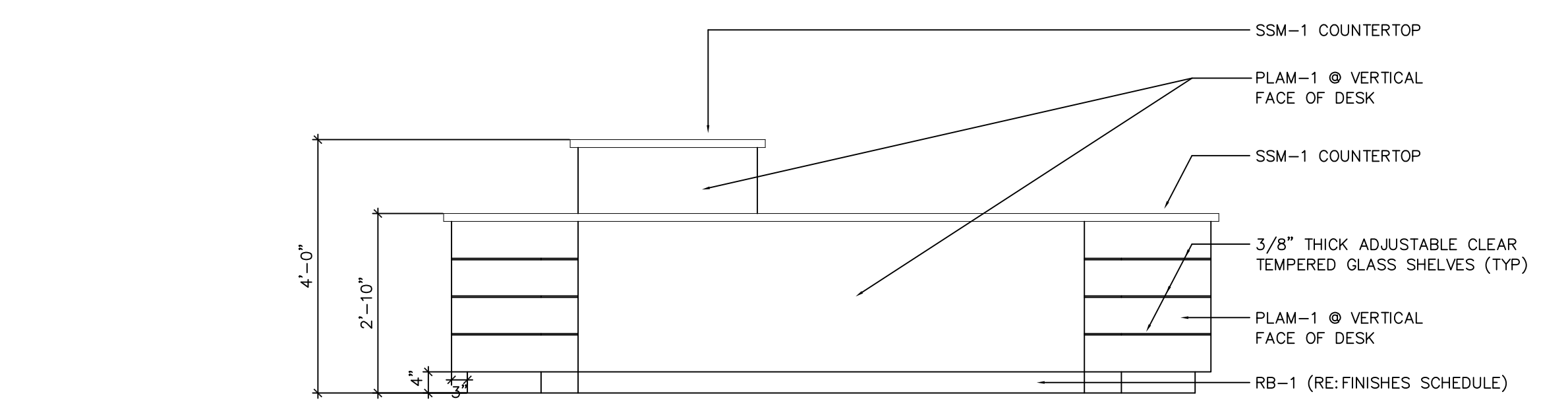
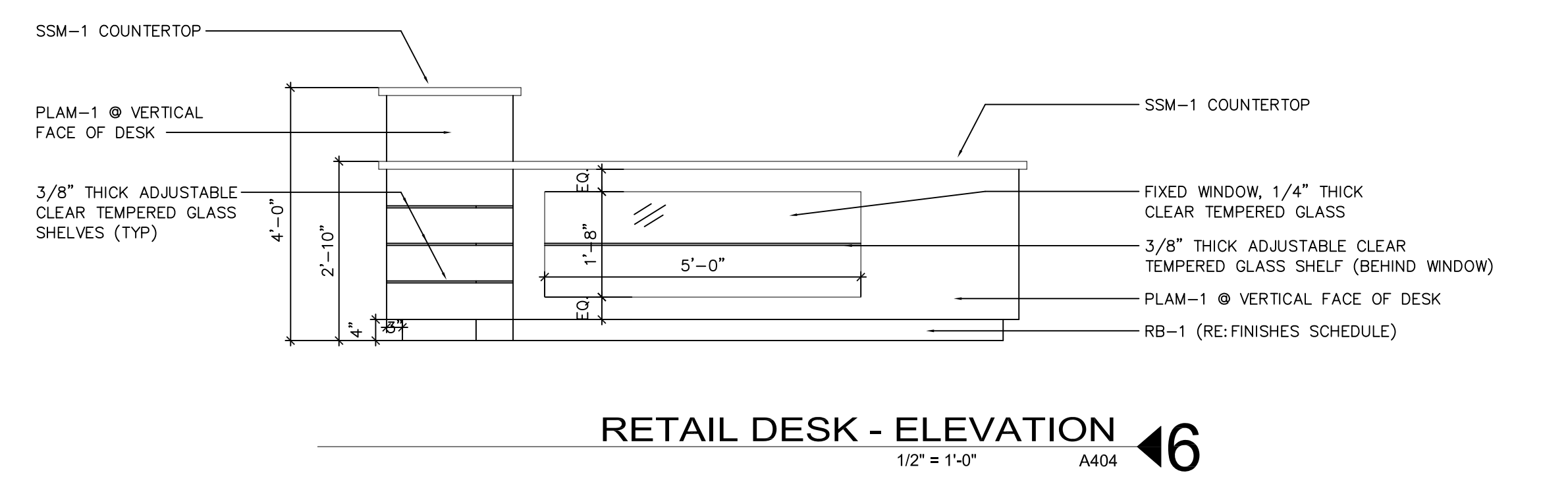
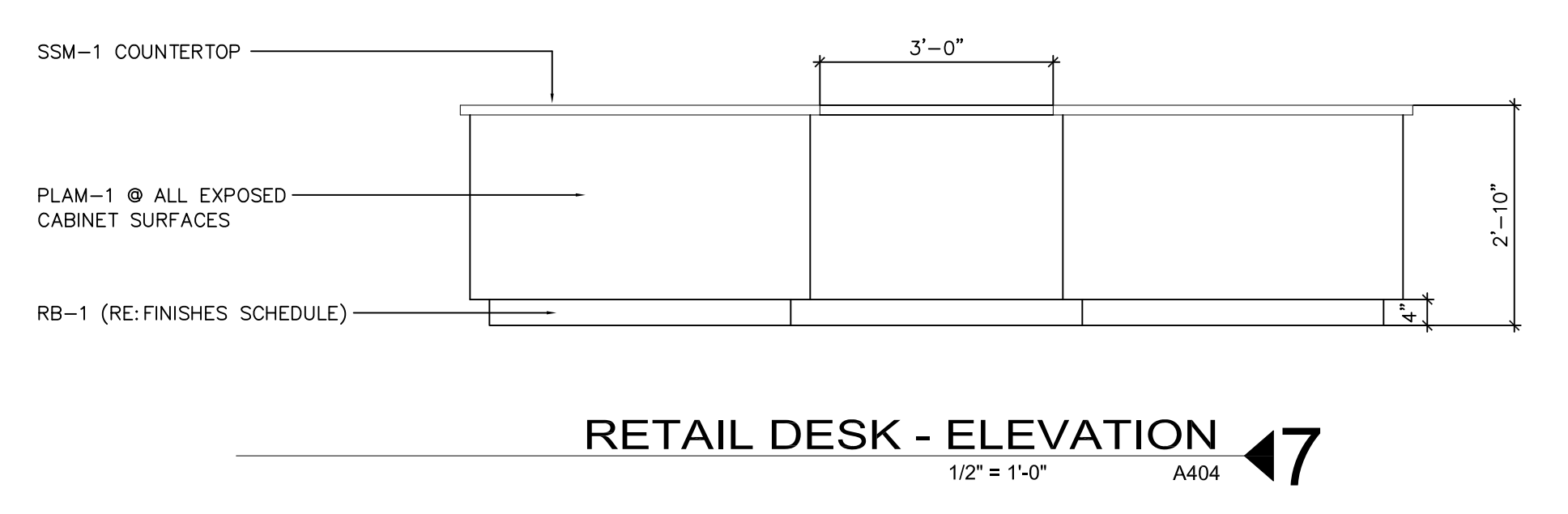
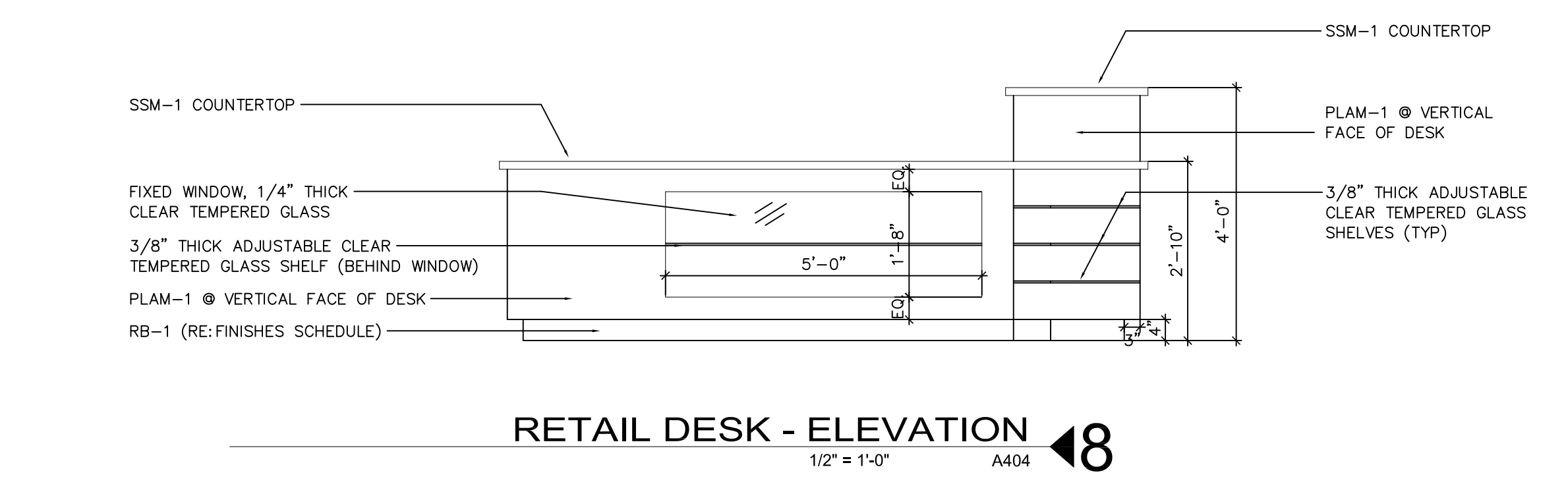
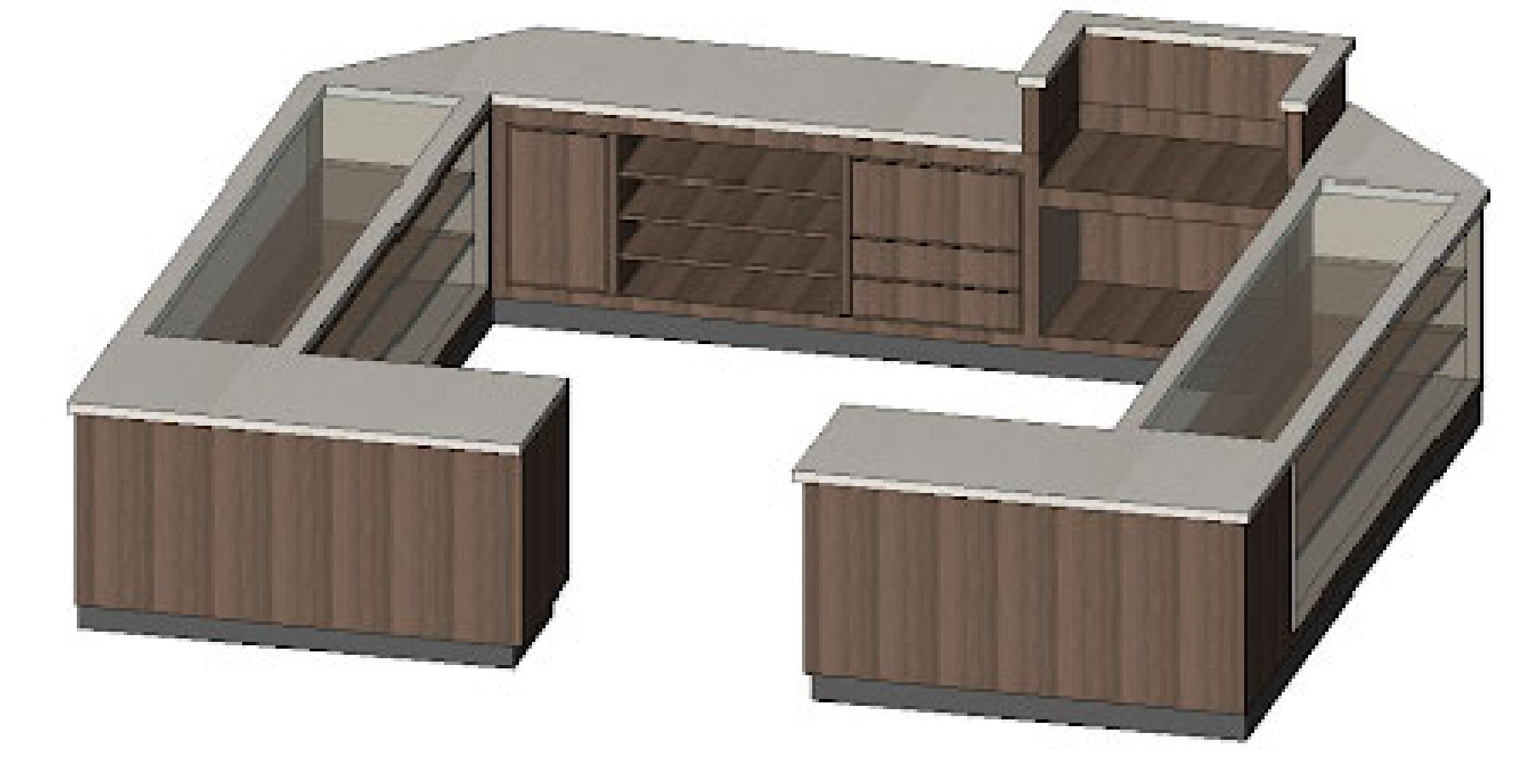
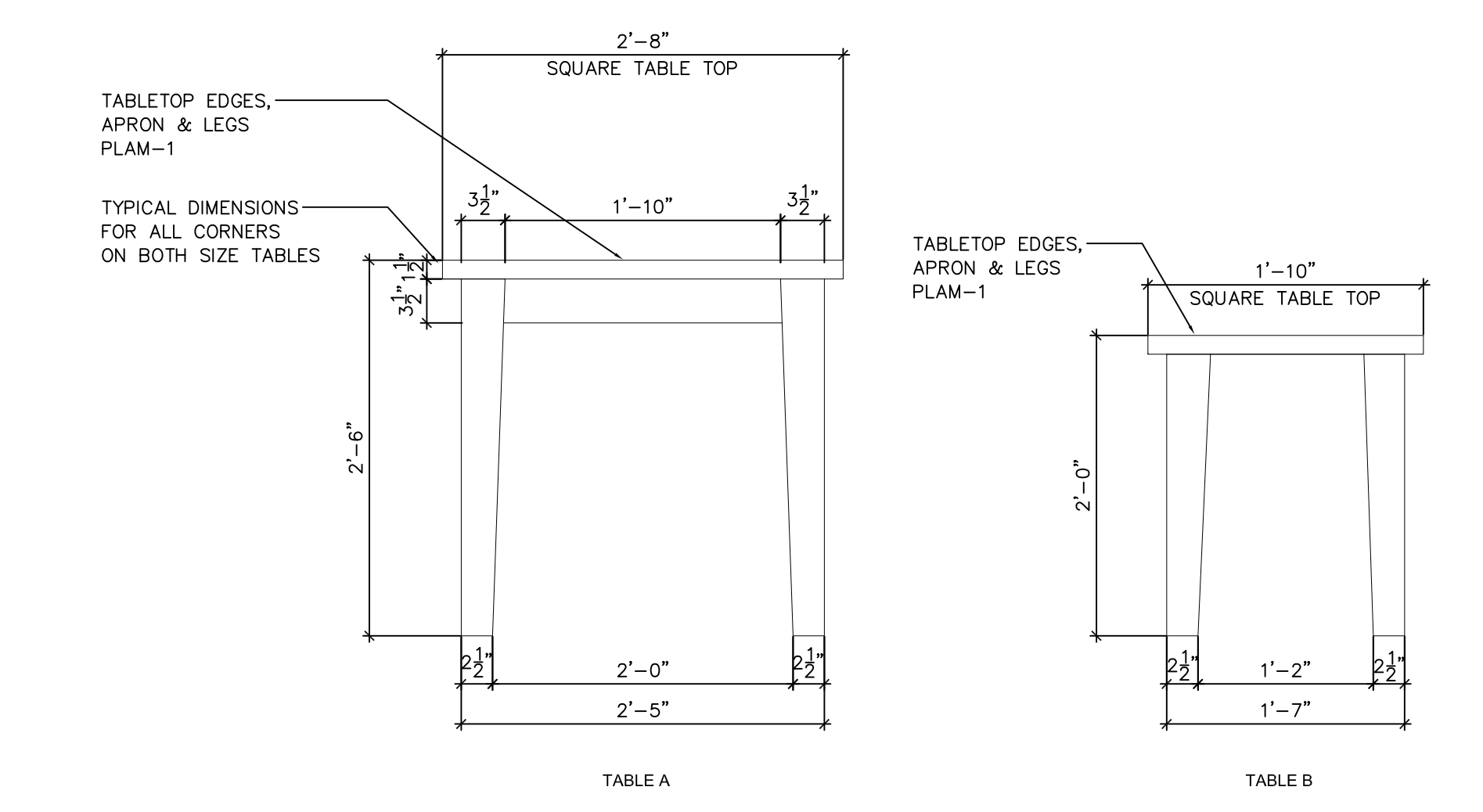
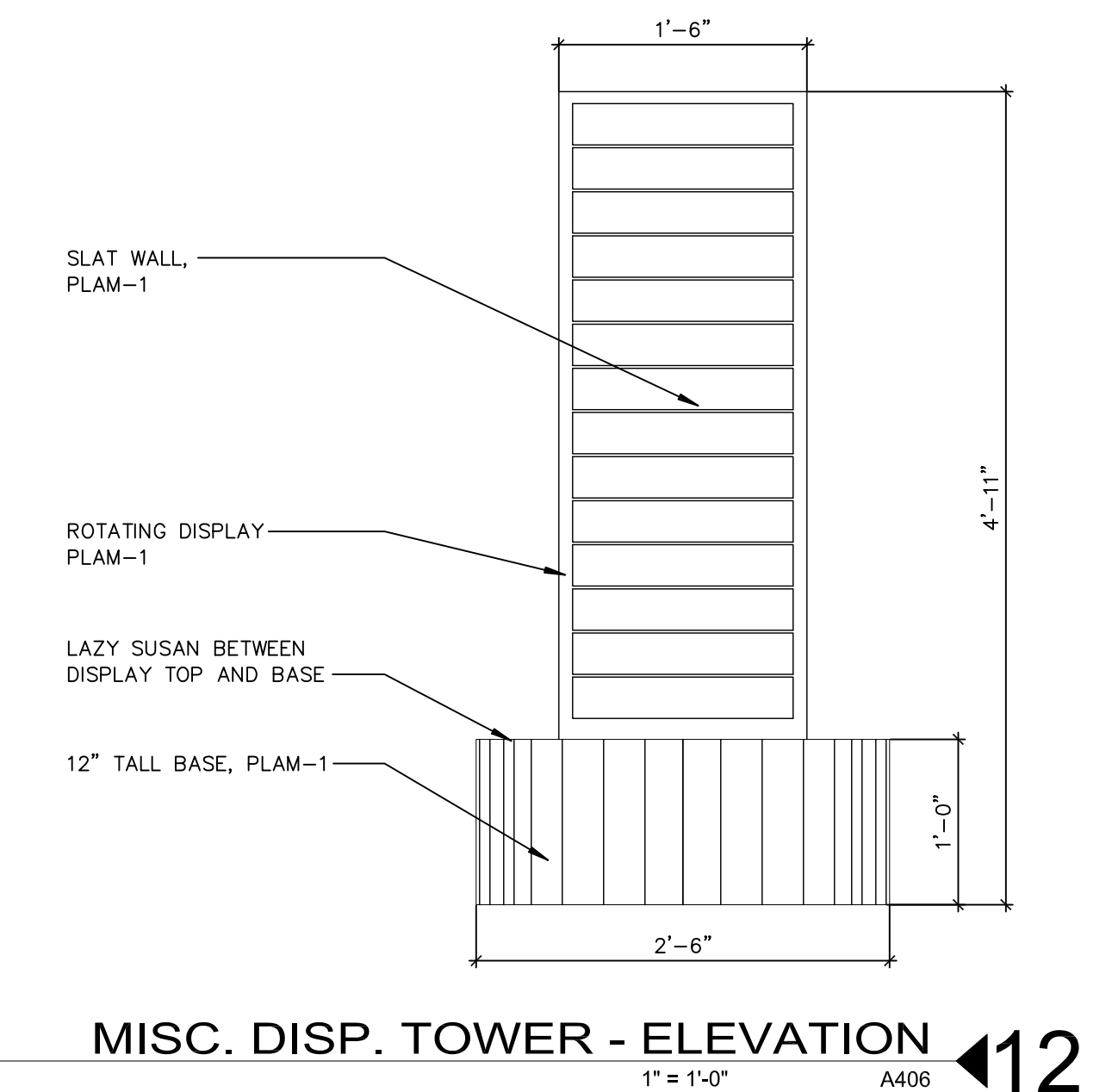
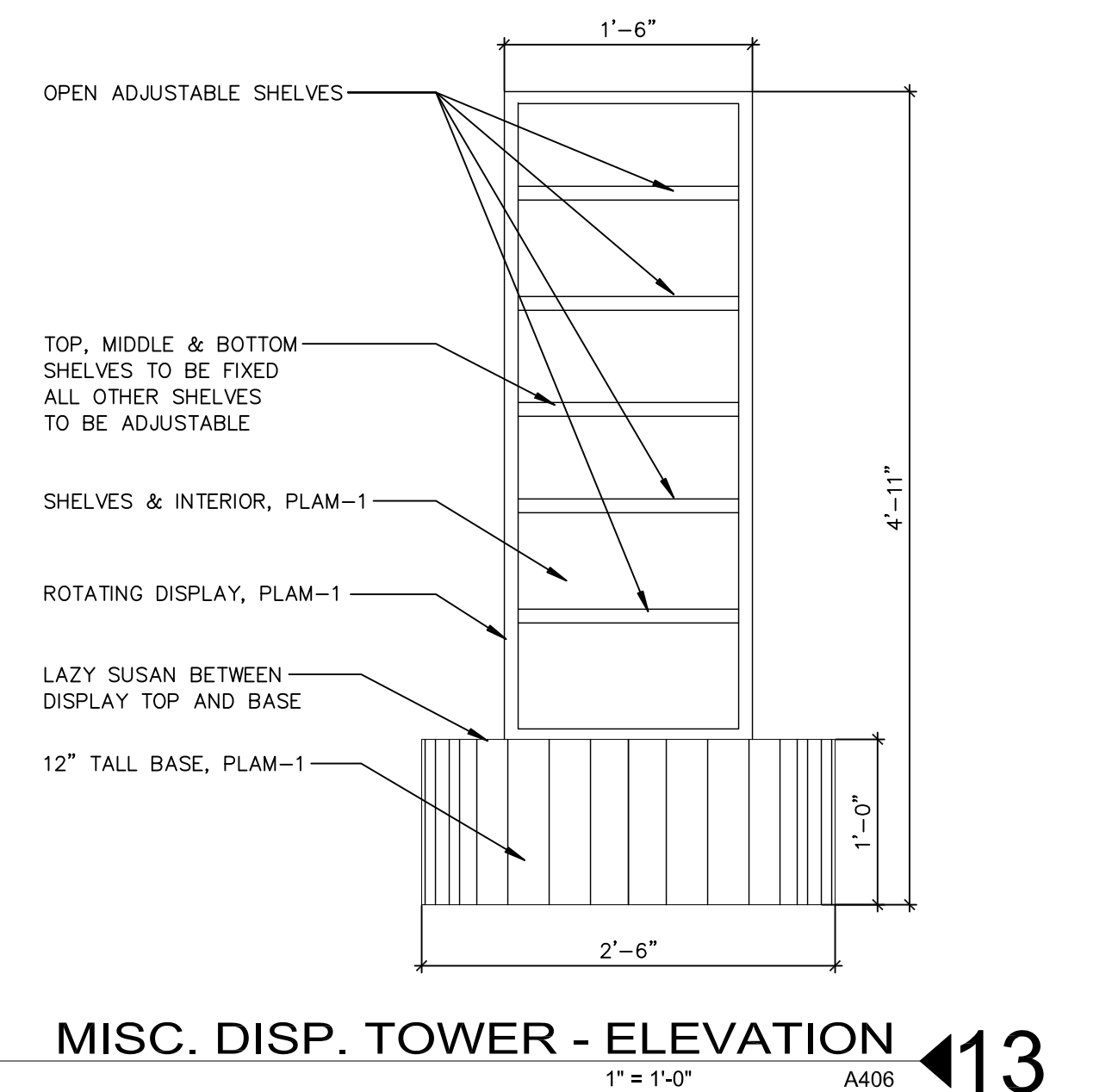
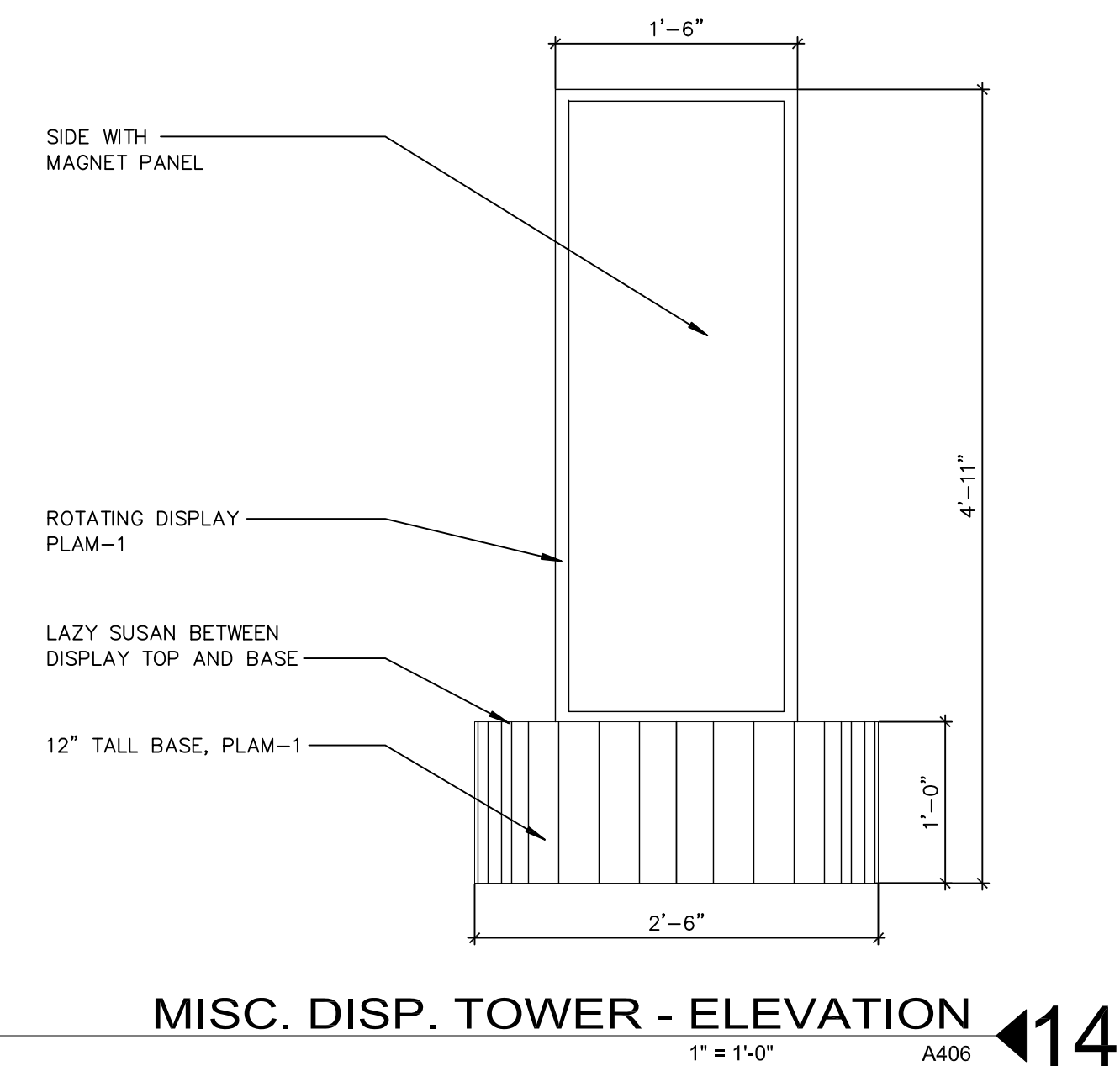
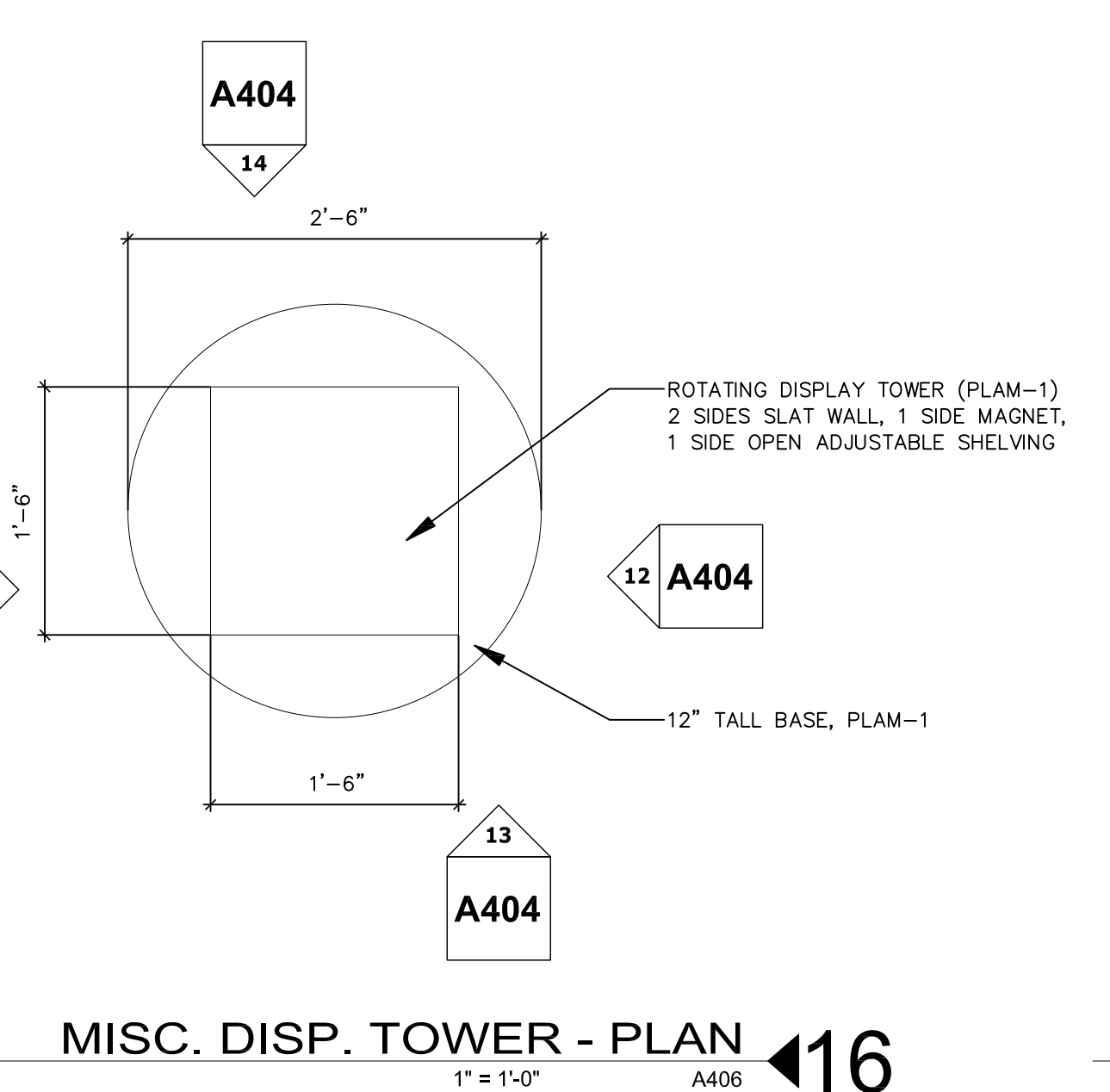
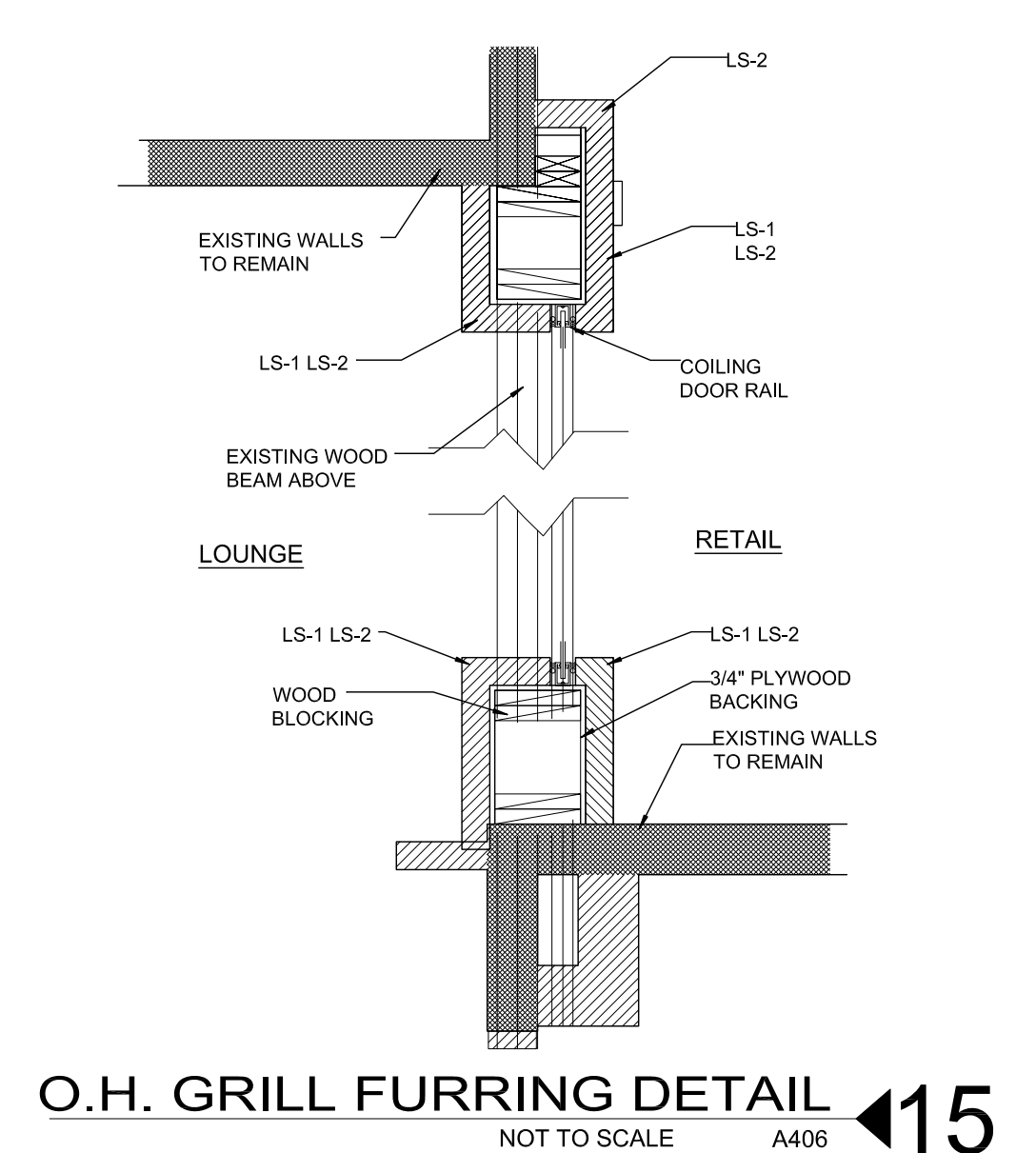
ENLARGED - KITCHEN & CAFE

BID SET

PROJECT NO: 111-049.20  
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SCALE DATE: 5/7/2021

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VINITA CULTURAL DEVELOPMENT CENTER

PROJECT  
**CHEROKEE NATION  
VINITA, OKLAHOMA**

KEY PLAN

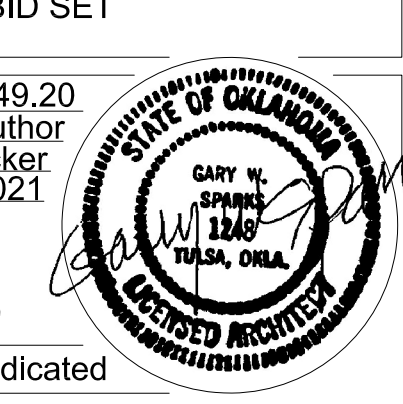
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BID SET

PROJECT NO: 111-049.20  
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ISSUE DATE: 5/7/2021

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918.576.6700

VINITA CULTURAL DEVELOPMENT CENTER

PROJECT  
**CHEROKEE NATION  
VINITA, OKLAHOMA**

KEY PLAN

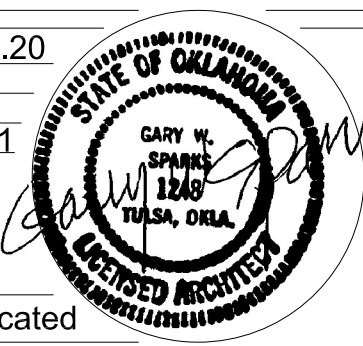
No.	Description	Date

SHEET TITLE  
**DETAILS - EXTERIOR IMPROVEMENTS**

**BID SET**

PROJECT NO: 111-049.20  
DRAWN BY: GARY W. SPURK  
CHECKED BY: J. J. HOFF  
DATE: 5/7/2021

**A501**  
Scale As indicated



**GENERAL NOTES - NEW WORK**

- 1. OUTSIDE OF DOOR JAMB ROUGH OPENINGS TO BE 3" FROM WALL INTERSECTIONS UNLESS OTHERWISE INDICATED.
- 2. PROVIDE BLOCKING FOR KITCHEN, BATHROOM AND FUTURE ADA ACCESSORIES
- 3. DIMENSIONS ARE TO FACE OF STUDY LAYER UNLESS OTHERWISE INDICATED.
- 4. FINISH FLOOR ELEVATIONS SHOULD BE COORDINATED WITH CIVIL.
- 5. SEE CIVIL DRAWINGS FOR DETAILED INFORMATION ON NEW GRADING, STORMWATER, UTILITIES, ETC. HEIGHTS AND LOCATIONS
- 6. SEE LANDSCAPE DRAWINGS FOR DETAILED INFORMATION ON PLANTING LOCATIONS AND VEGETATION TYPES.
- 7. SEE MEP DRAWINGS FOR DETAILED INFORMATION ON SITE LIGHTING AS WELL AS ALL MECHANICAL, ELECTRICAL AND UTILITY ENTRANCES AT THE BUILDING FINISH FLOOR ELEVATIONS SHOWN ON CIVIL GRADING AND DRAINAGE SHEETS SHALL SET THE LEVEL OF THE GROUND FLOOR OF EACH INDIVIDUAL STRUCTURE WHICH IS INDICATED AT THE 0'-0" LEVEL ON THESE SHEETS. CIVIL FINISHED FLOOR INDICATIONS SHALL TAKE PRECEDENCE.
- 8. ALLOW FOR NO LESS THAN THREE PAINT MOCKUPS, APPROXIMATELY 200 SQUARE FEET EACH, FOR ARCHITECTS APPROVAL PRIOR TO PROCEEDING WITH FINAL PAINTING.
- 9. ALL GRILLES TO BE PAINTED TO MATCH ADJACENT WALL.

**PHASING LEGEND**

- EXISTING TO REMAIN
- EXISTING TO BE DEMOLISHED
- NEW CONSTRUCTION

"SCREEN WALL" DESIGNED ACCORDING TO BASE BID, ARCHITECT TO COORDINATE ARTIST PROVIDED DESIGN AS DIRECTED BY OWNER

\*SEE ARCHITECTURAL SITE PLAN (AS101) FOR LINEAL FEET OF ENTIRE SCOPE OF SCREEN WALL DESIGN



5/4/2021 6:45:25 PM





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VINITA CULTURAL DEVELOPMENT CENTER

PROJECT  
**CHEROKEE NATION  
VINITA, OKLAHOMA**

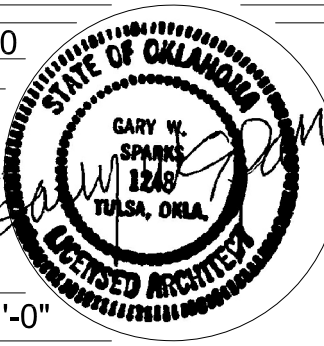
KEY PLAN

No.	Description	Date

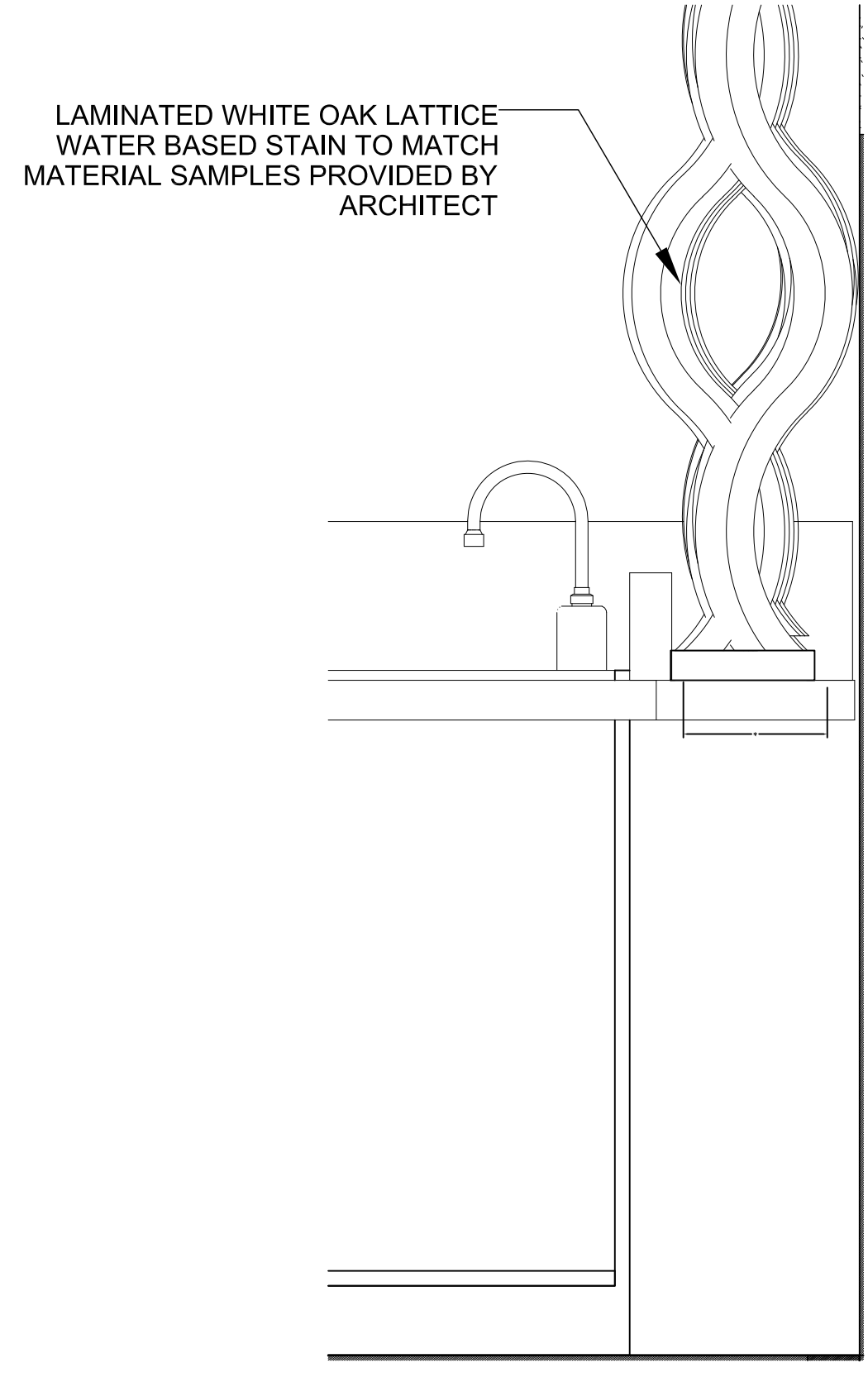
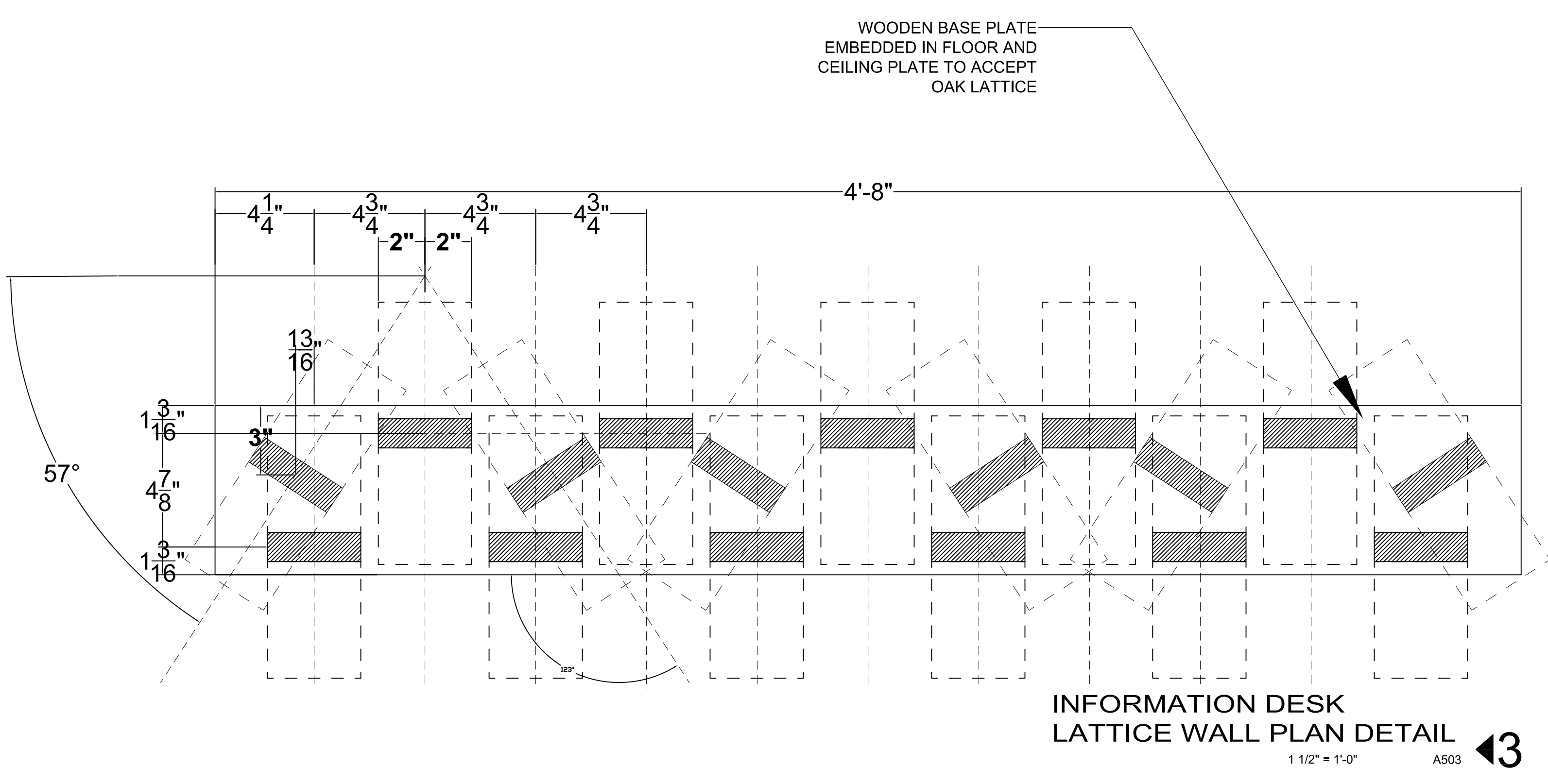
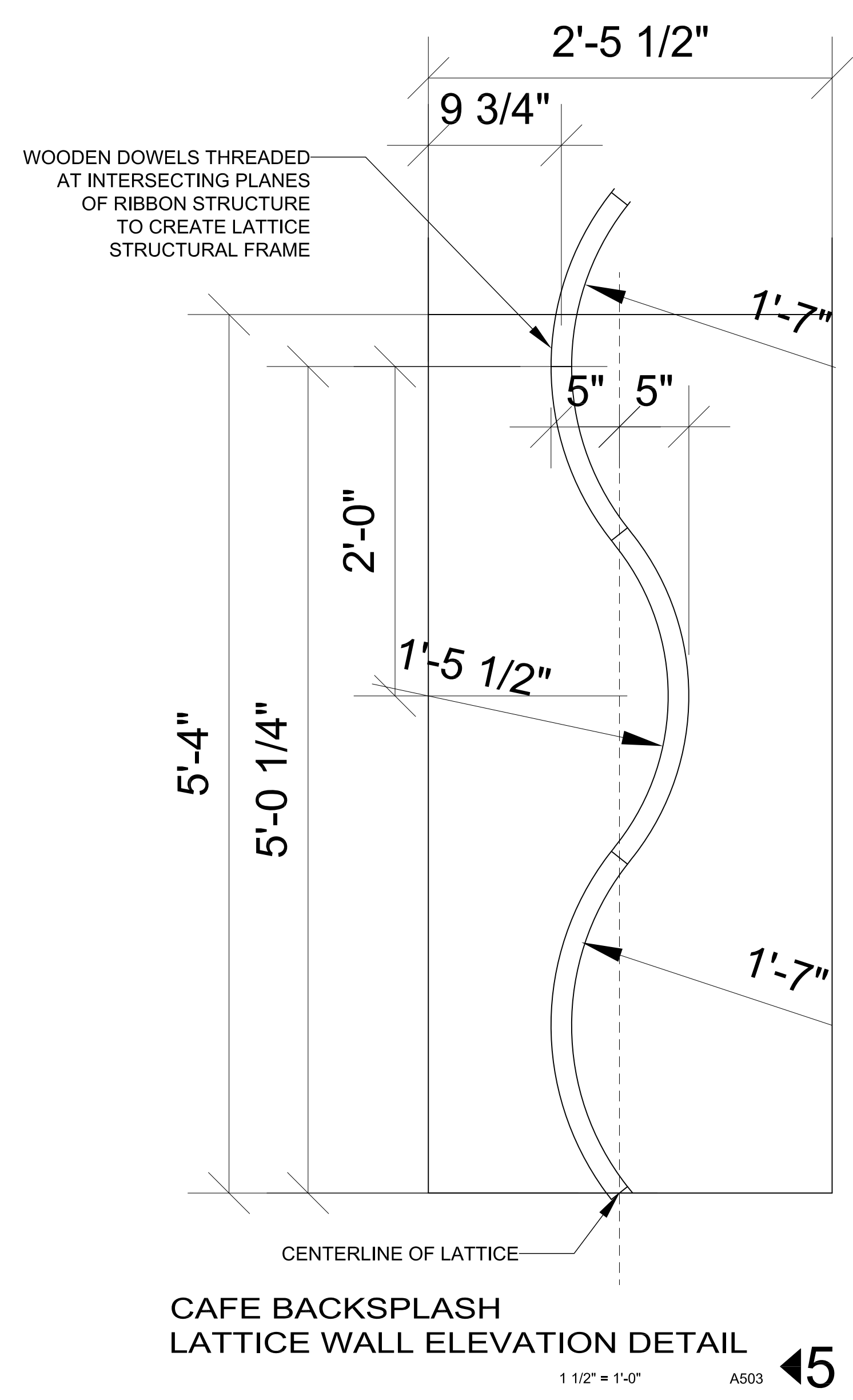
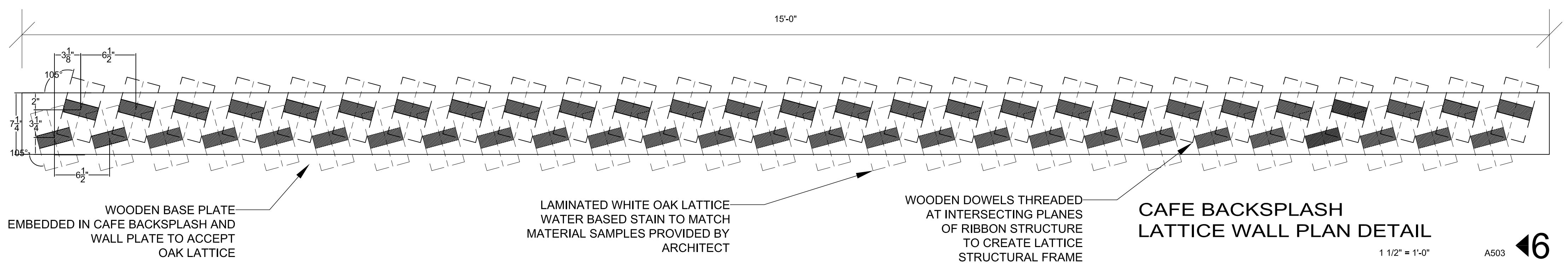
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**DETAILS - RECEPTION & CAFE**

BID SET

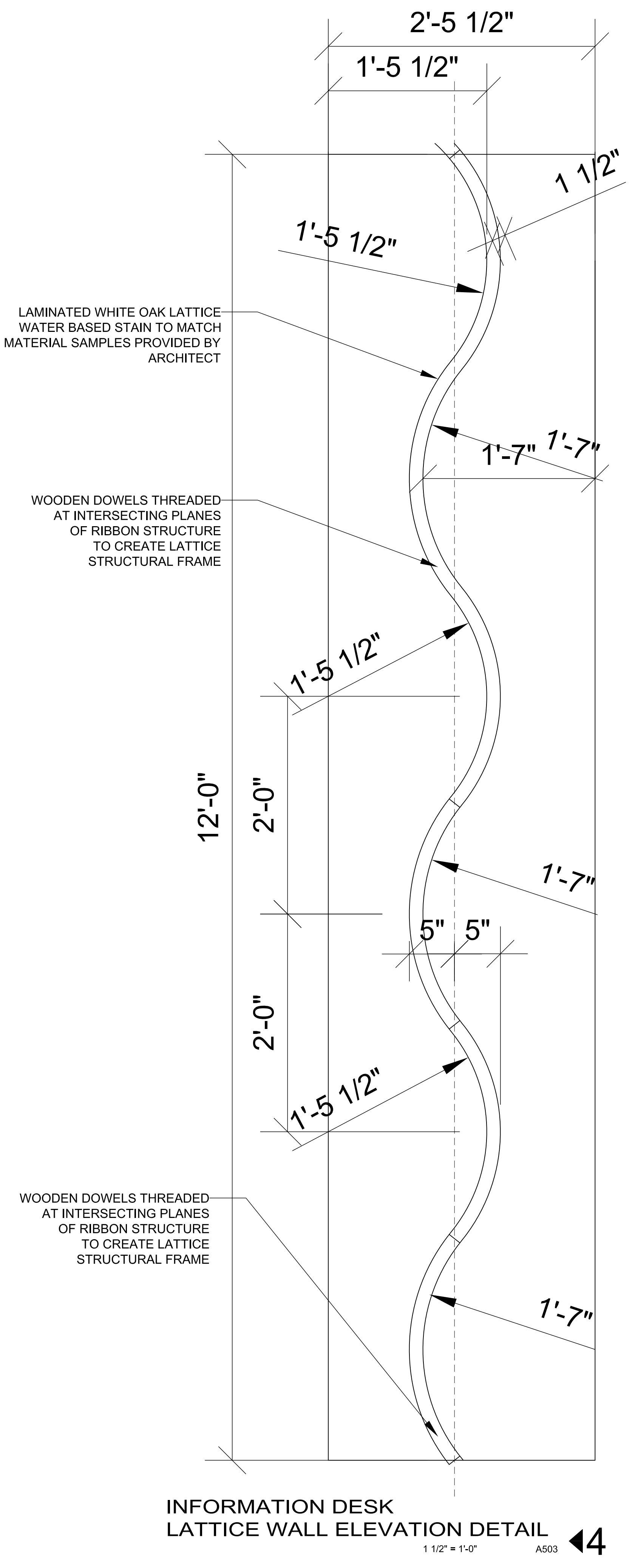
PROJECT NO: 111-049.20  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]  
REVISION DATE: 5/7/2021



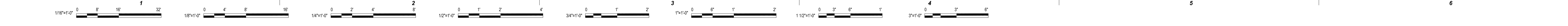
**A503**  
Scale 1 1/2" = 1'-0"



NOT USED  
1 1/2" = 1'-0" A503



5/4/2021 6:46:32 PM

















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VINITA CULTURAL DEVELOPMENT CENTER

SYMBOLS

PIPE symbols table with columns for symbol and description (EXISTING, NEW, EXISTING TO BE REMOVED, UNIT CONDENSATE RELIEF VALVE DRAIN, etc.)

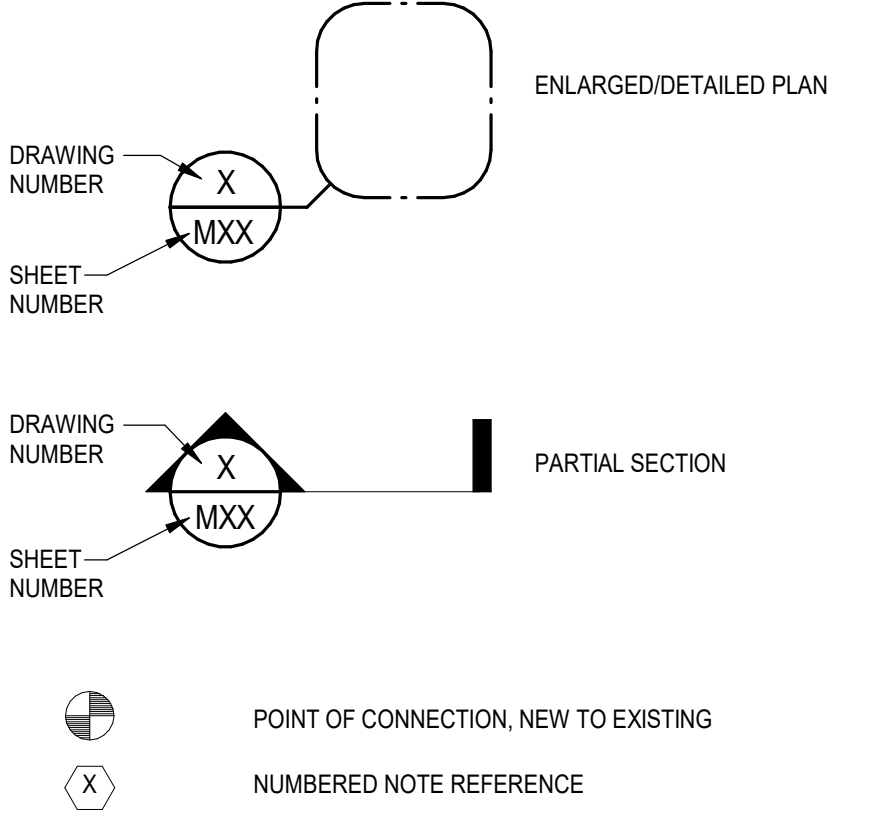
PIPE SPECIALTY

PIPE SPECIALTY symbols table with columns for symbol and description (BACKFLOW PREVENTER, 2-WAY CONTROL VALVE, 3-WAY CONTROL VALVE, etc.)

CONTROL DEVICES

CONTROL DEVICES symbols table with columns for symbol and description (CONTROLLER, DIFFERENTIAL PRESSURE SENSOR OR CONTROLLER, FIRESTAT, etc.)

MISC SYMBOLS



AIR MOVING DEVICES

AIR MOVING DEVICES symbols table with columns for symbol and description (DIFFUSER/GRILLE NOTATION, SUPPLY AIR DIFFUSER, LINEAR SUPPLY AIR DIFFUSER, etc.)

ABBREVIATIONS:

ABBREVIATIONS table with columns for symbol and description (ACU AIR CONDITIONING UNIT, AD ACCESS DOOR, AFF ABOVE FINISH FLOOR, etc.)

GENERAL NOTES:

- 1. COMPLY WITH CURRENT BUILDING, MECHANICAL, PLUMBING AND OTHER GOVERNING CODES, STATE STATUTES, CITY ORDINANCES, AND REGULATIONS OF REGULATORY BODIES HAVING JURISDICTION.
- 2. INSTALL ALL PIPING AND FITTINGS IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICES WHICH WILL ACHIEVE PERMANENTLY LEAKPROOF PIPING SYSTEMS, CAPABLE OF PERFORMING EACH INDICATED SERVICE WITHOUT FAILURE OR DEGRADATION OF SERVICE.

HVAC GENERAL NOTES:

- 1. COORDINATE ALL DUCT AND HVAC PIPE ROUTING WITH PLUMBING, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL TRADES PRIOR TO INSTALLATION. TRANSITION AS REQUIRED TO ROUTE DUCT UNDER STRUCTURAL BEAMS.
- 2. ROUTE ALL DUCT AND HVAC PIPING HIGH AS POSSIBLE.
- 3. ALL DUCT SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS.
- 4. COORDINATE ACCESS DOOR REQUIREMENTS AND LOCATIONS WITH ARCHITECT AND GENERAL CONTRACTOR.
- 5. A MAXIMUM OF 5 FEET OF FLEXIBLE DUCT CAN BE PROVIDED AT CEILING DIFFUSER RUN OUTS. FLEXIBLE DUCT IS NOT ALLOWED ABOVE INACCESSIBLE CEILINGS (I.E. GYPBOARD CEILINGS, ETC.)
- 6. PROVIDE TURNING VANES IN ACCORDANCE WITH SPECIFICATIONS, ALTHOUGH NOT ALL ARE SHOWN ON THE DRAWINGS.
- 7. PROVIDE DAMPER REGULATOR AND EXTENSION CABLE/ROD FOR ALL DAMPERS LOCATED ABOVE INACCESSIBLE CEILINGS AND CHASES. COORDINATE EXACT LOCATION OF CEILING MOUNTED CONTROLLER WITH ARCHITECT PRIOR TO INSTALLATION.
- 8. PROVIDE BALANCE DAMPERS AT ALL BRANCH DUCTS AND BRANCH RUNOUTS TO DIFFUSERS AND GRILLES, ALTHOUGH ALL ARE NOT SHOWN ON THE DRAWINGS.
- 9. ALL INTERIOR DUCT, HVAC PIPING, AND MECHANICAL EQUIPMENT SHALL BE PAINTED TO MATCH THE CEILING OR UNDERSIDE OF SLAB.
- 10. PROVIDE EASEMENTS WHERE LOW-PRESSURE DUCTWORK CONFLICTS WITH STRUCTURAL AND PIPING, LIGHTS, OR OTHER EQUIPMENT; WHERE EASEMENTS EXCEED 10% DUCT AREA, SPLIT INTO TWO DUCTS MAINTAINING ORIGINAL DUCT AREA, OFFSET DUCTS AROUND OBSTRUCTIONS, OR TRANSITION DUCT TO AN EQUIVALENT DUCT SIZE USING ASHRAE TABLE OF EQUIVALENT RECTANGULAR AND ROUND DUCTS. NOTIFY ENGINEER FOR APPROVAL BEFORE EASEMENTS. DUCT SPLITS, OFFSETS AND TRANSITIONS ARE MADE. INCLUDE ALL COSTS FOR EASEMENTS, SPLIT DUCTS, OFFSETS AND TRANSITIONS NECESSARY TO COMPLETE THE INSTALLATION, ALTHOUGH NOT ALL ARE SHOWN ON THE DRAWINGS.
- 11. INCREASE DUCT HEIGHT OR WIDTH WHERE LOW-PRESSURE DUCTWORK DIMENSIONS SHOWN ARE LESS THAN THAT REQUIRED OR CONNECTION OF BRANCH DUCTS AND CONICAL OR STRAIGHT SPIN-INS, WHERE APPROPRIATE. DUCT MAIN MAY BE ROTATED 90 DEGREES TO ALLOW BRANCH DUCT CONNECTION TO OTHER SIDE OF MAIN DUCT, OR TRANSITION DUCT TO AN EQUIVALENT DUCT SIZE USING ASHRAE TABLE OF EQUIVALENT RECTANGULAR AND ROUND DUCTS. NOTIFY CITY CONTRACT ADMINISTRATOR FOR APPROVAL BEFORE ROTATIONS AND TRANSITIONS ARE MADE. INCLUDE ALL COSTS FOR ROTATIONS AND TRANSITIONS NECESSARY TO COMPLETE THE INSTALLATION, ALTHOUGH NOT ALL ARE SHOWN ON THE DRAWINGS.
- 12. PROVIDE TEMPORARY FILTERS TO ALL AFFECTED AIR HANDLING EQUIPMENT DURING CONSTRUCTION, REPLACE WITH FINAL FILTERS UPON PROJECT COMPLETION, PRIOR TO TEST AND BALANCE.

CHEROKEE NATION, OKLAHOMA

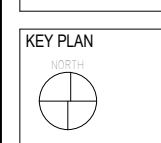
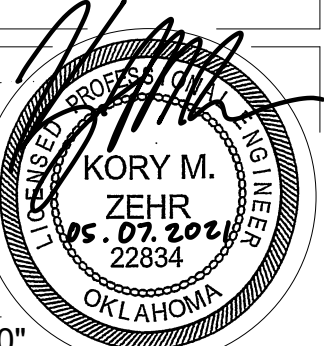


Table with columns: No., Description, Date

MECHANICAL SYMBOLS, NOTES AND ABBREVIATIONS

BID SET

PROJECT NO: 111-049-20  
DRAWN BY: MEV  
CHECKED BY: KMZ  
ISSUE DATE: 5/7/2021



M001  
Scale 1/8" = 1'-0"

5/7/2021 17:52:32 PM









**KEYNOTES**

- 1 REMOVE EXISTING FURNACE AND REPLACE WITH NEW. REFER TO EQUIPMENT SCHEDULE. RECONNECT TO EXISTING SUPPLY AND RETURN DUCTWORK AND FLUE VENT. RECONNECT GAS PIPING. EXTEND CONDENSATE DRAINS TO EXISTING FLOOR DRAINS.



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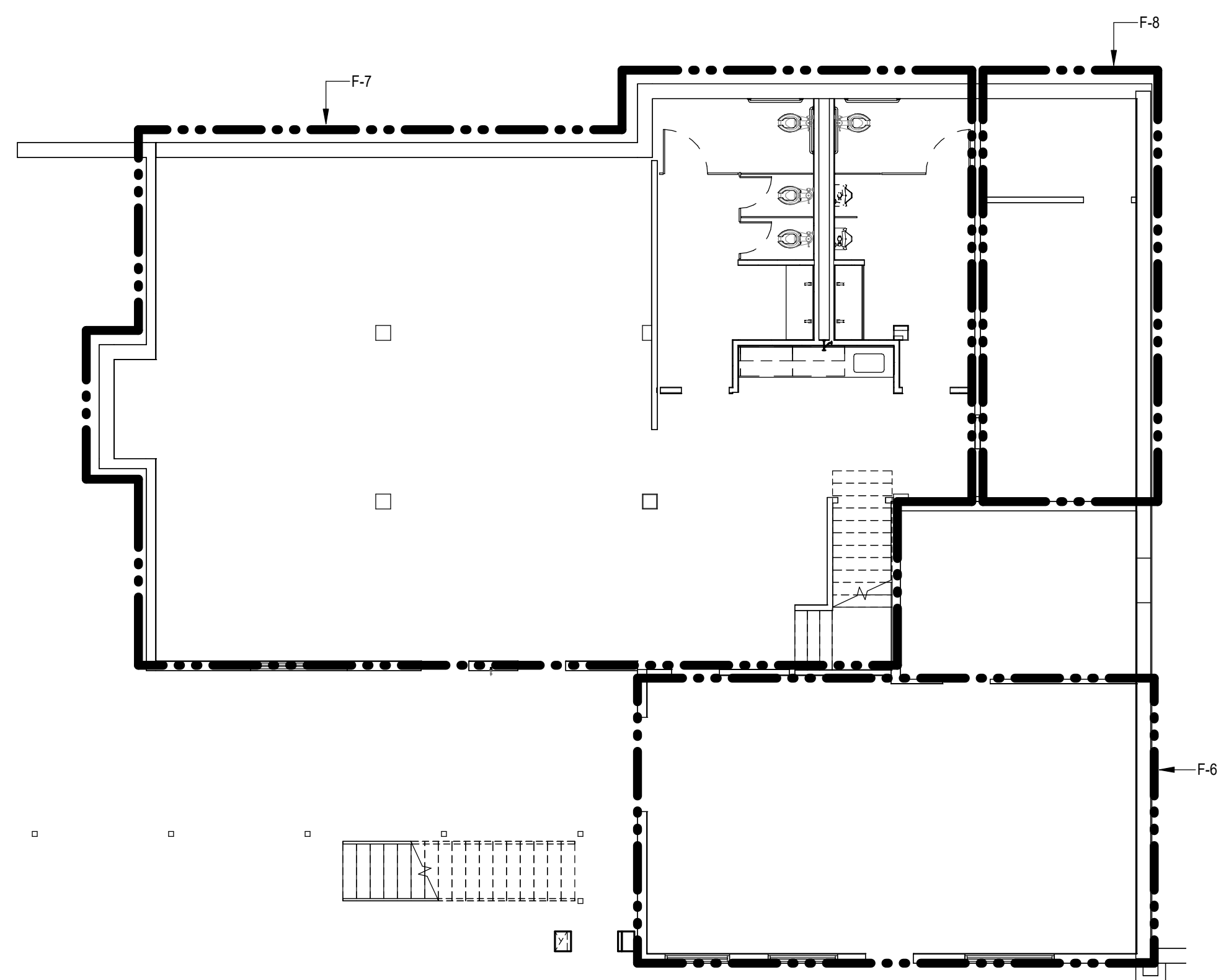
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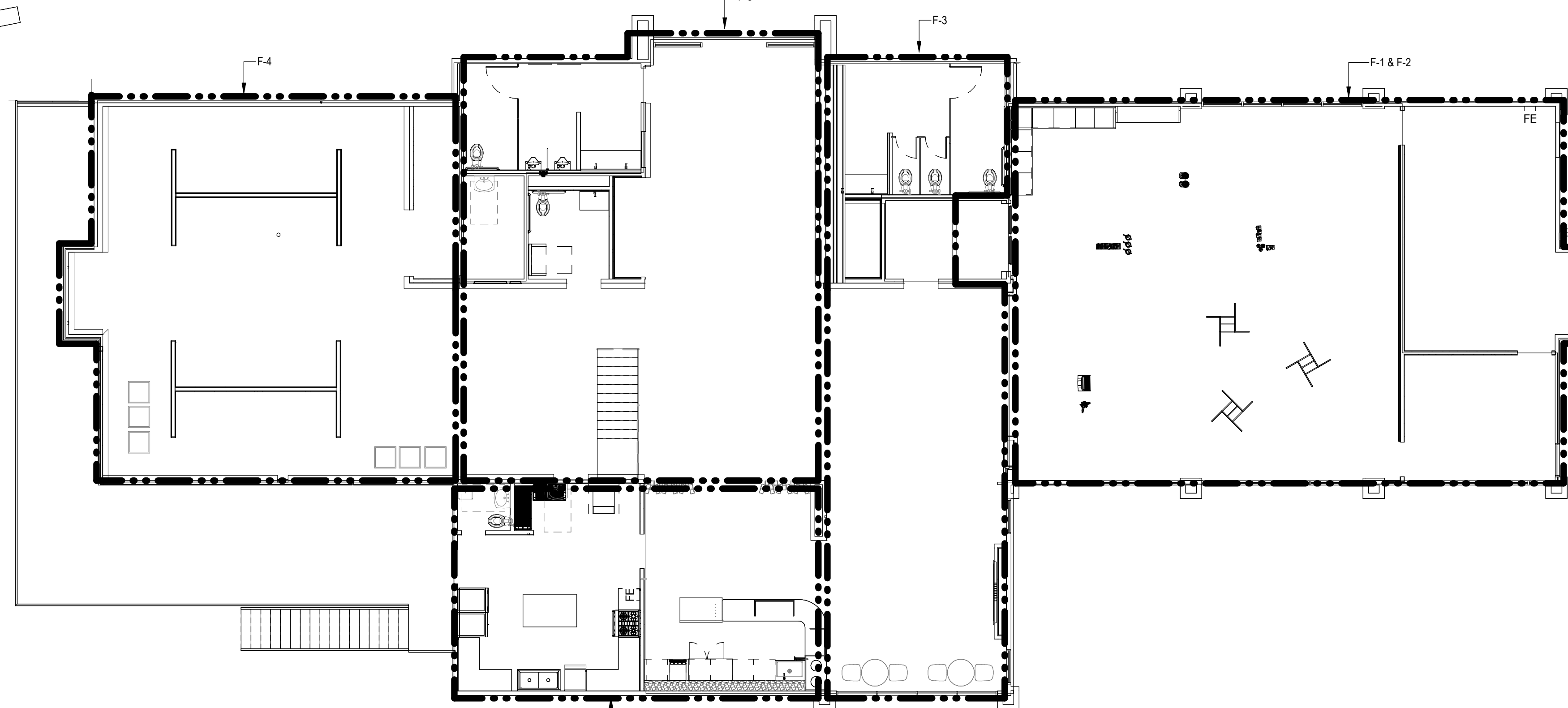
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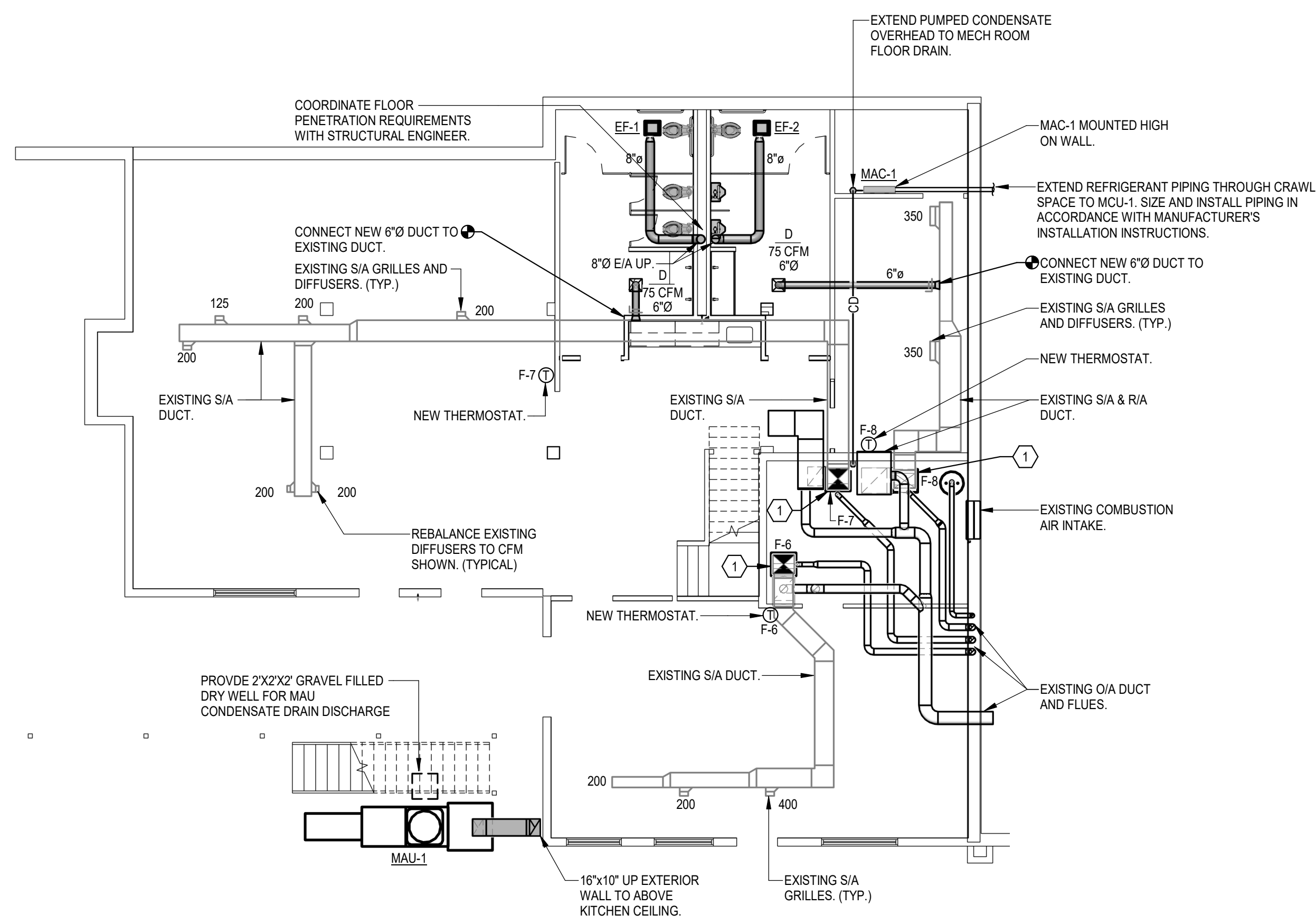
VINITA CULTURAL DEVELOPMENT CENTER



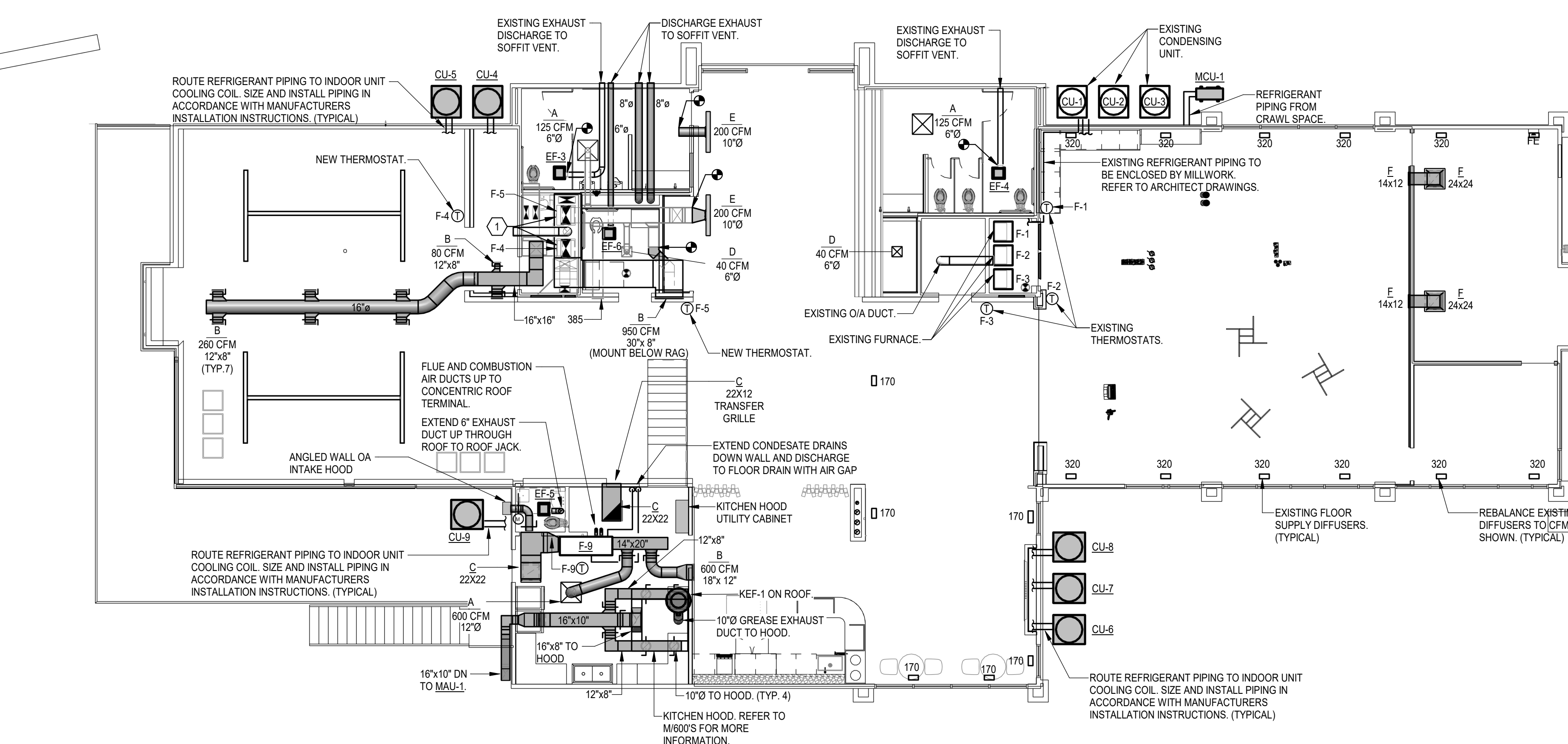
LOWER LEVEL HVAC ZONE MAP  
1/8" = 1'-0" M101



UPPER LEVEL HVAC ZONE MAP  
1/8" = 1'-0" M101



LOWER LEVEL HVAC PLAN  
1/8" = 1'-0" M101



UPPER LEVEL HVAC PLAN  
1/8" = 1'-0" M101

**CHEROKEE NATION, OKLAHOMA**

PROJECT  
KEY PLAN

No.	Description	Date

SHEET TITLE  
HVAC PLANS

BID

PROJECT NO. 111-049.2  
DRAWN BY: MEV  
CHKD BY: KMZ  
ISSUE DATE: 5/7/2021

**M101**  
Scale 1/8" = 1'

**KORY M. ZEHM**  
REGISTERED PROFESSIONAL ENGINEER  
MECHANICAL  
OKLAHOMA

5/7/2021 17:52:42 PM













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**REVISIONS**

NO.	DESCRIPTION	DATE



Hood/MAU selection - Kory (Heat/Cool)  
TULSA, OK, 74106

**DATE:** 5/7/2021  
**DWG.#:** 4876742  
**DRAWN BY:** RJH-80  
**SCALE:** 3/4" = 1'-0"  
**MASTER DRAWING**

**SHEET NO.**  
5

PROJECT: **CHEROKEE NATION, OKLAHOMA**

KEY PLAN:

No.	Description	Date

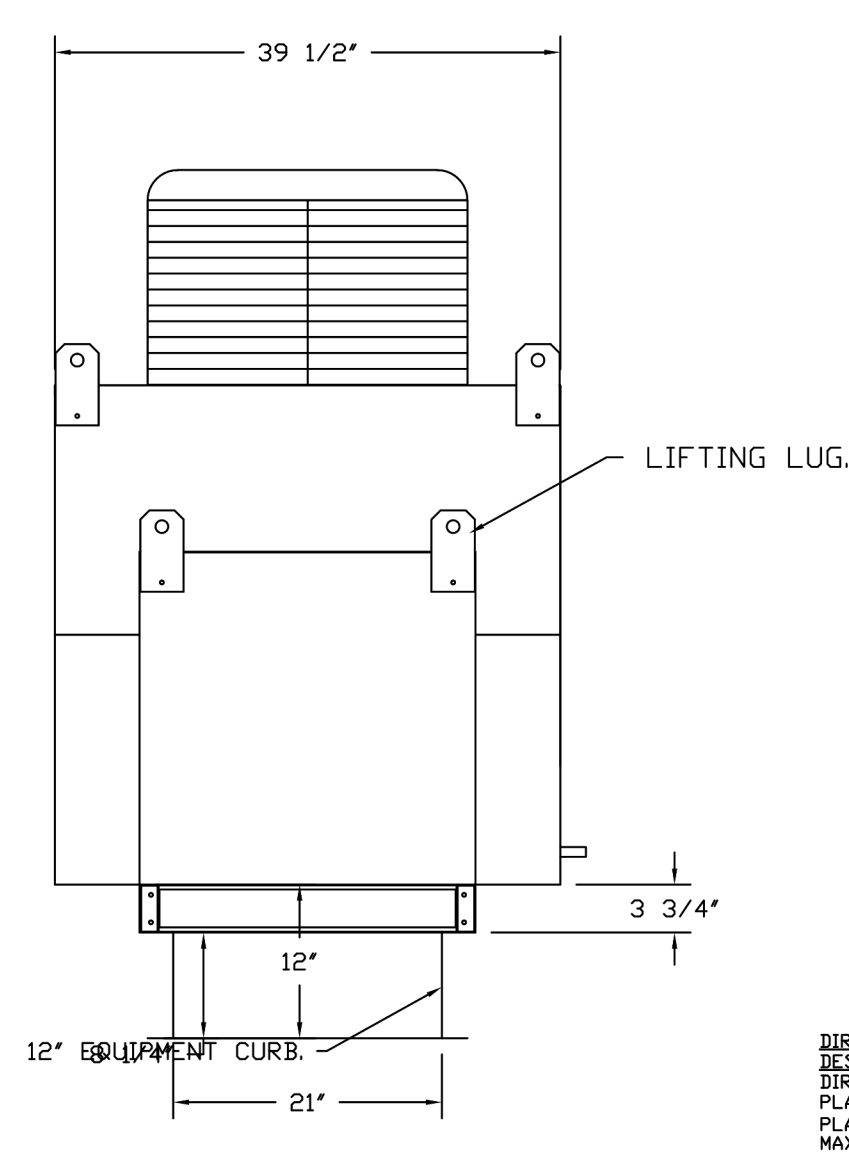
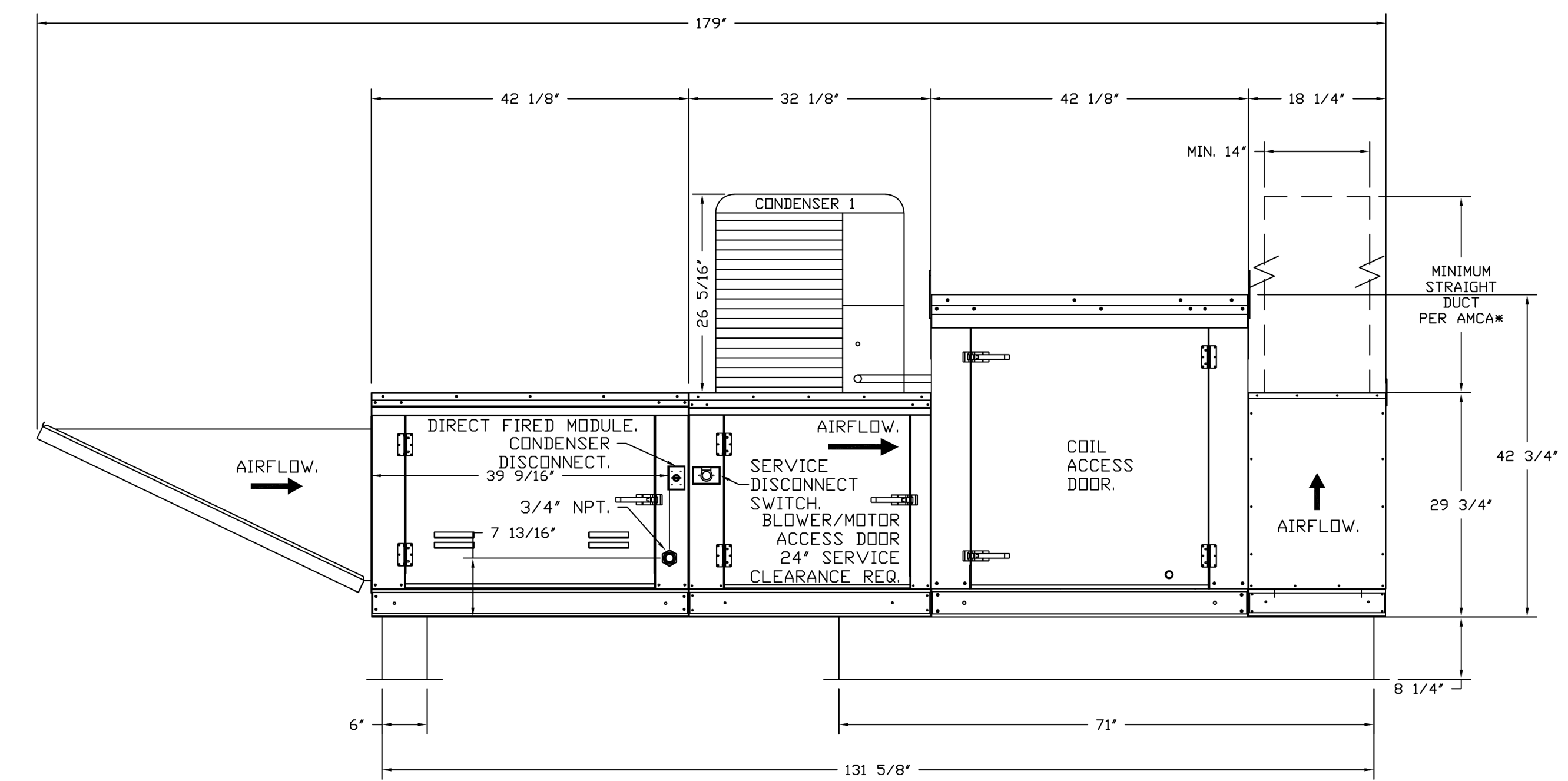
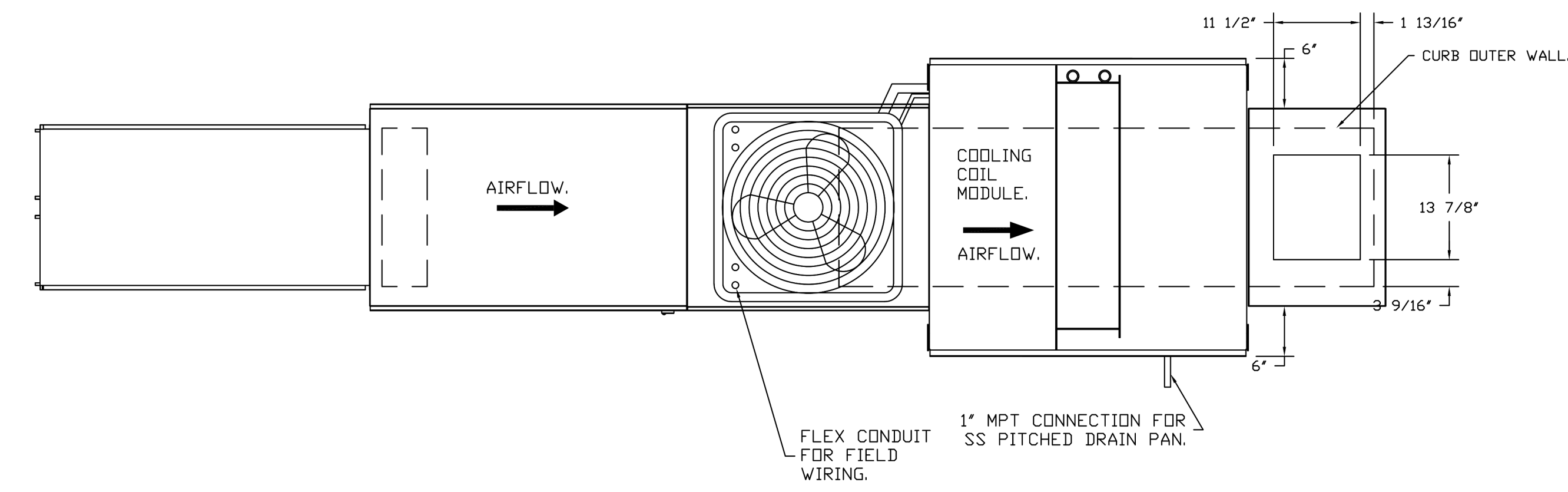
SHEET TITLE: **KITCHEN HVAC DETAILS**

BID  
PROJECT NO: 111-0492  
DRAWN BY: MEV  
CHECKED BY: KMZ  
ISSUE DATE: 5/7/2021

**M604**  
Scale

- FAN #2 AI-D250-15D-MPU - HEATER
1. DIRECT GAS FIRED HEATED MAKE UP AIR UNIT WITH 15" MIXED FLOW DIRECT DRIVE FAN.
  2. INTAKE HOOD WITH EZ FILTERS.
  3. UP DISCHARGE - AIR FLOW LEFT -> RIGHT.
  4. GAS PRESSURE GAUGE, 0-25" 2 1/2" DIAMETER, 1/4" THREAD SIZE.
  5. GAS PRESSURE GAUGE, -5 TO +15 INCHES WC, 2 1/2" DIAMETER, 1/4" THREAD SIZE.
  6. CASLINK BUILDING MONITORING SYSTEM COMMUNICATIONS MODULE. REQUIRES INTERNET & FIELD WIRED ETHERNET CONNECTION OR 30 CELLULAR SERVICE. INCLUDES REV 3 COMM MODULE, RJ45 TO MODBUS CONVERTER, 3 FT CAT5 CABLE, AND 1 FT OF SHIELDED TWISTED PAIR.
  7. MOTORIZED BACK DRAFT DAMPER 16" X 18" FOR SIZE 1 STANDARD & MODULAR HEATER UNITS V/EXTENDED SHAFT, STANDARD GALVANIZED CONSTRUCTION, 3/4" REAR FLANGE, LOW LEAKAGE, TFB20S ACTUATOR INCLUDED.
  8. TOTAL CFM MONITORING FOR MJA UNITS. USES +/- 15 PRESSURE TRANSDUCER, RIVET NUTS, 1/4" AIRFLOW TUBING AND PUSH TO CONNECT FITTINGS.
  9. 2 TON, SINGLE CIRCUIT MODULAR PACKAGED COOLING OPTION FOR SIZE 1 DF/PH MODULAR PACKAGED UNIT. INCLUDES CONDENSER, DX COIL, FILTER/DRYER KIT, HARD START KIT, THERMAL EXPANSION VALVE, R410A REFRIGERANT, AND REFRIGERANT PIPING (0.000 TO 1,200 CFM) WHEN ORDERED WITH OPPOSITE AIRFLOW CONDENSERS ACCESS AND COIL PIPING WILL REMAIN IN STANDARD POSITION. DRAIN AND SLEDS WILL MOVE TO THE OPPOSITE SIDE. ANY OTHER CHANGE WILL REQUIRE CLT. CONDENSERS REQUIRE SEPARATE 208V, 1 PHASE POWER SUPPLY UNLESS ORDERED WITH SINGLE POINT CONNECTION. COIL = 2Z22001M.
  10. UPTURN PLENUM FOR SIZE 1 COOLING COIL MODULE - REQUIRED FOR UP DISCHARGE COOLING COIL APPLICATIONS.
  11. MOUNT MOTOR AND CONTROLS ON OPPOSITE SIDE OF HEATER.
  12. ECM WIRING PACKAGE FOR SUPPLY MOTORS WITH PWM SIGNAL FROM ECPM03 PREWIRE.
  13. HINGED DOUBLE WALL INSULATED DOOR ASSEMBLY (BURNER/BLOWER/MPU SECTION).
  14. 2 YEAR PARTS WARRANTY.

SUPPLY SIDE HEATER INFORMATION:  
WINTER TEMPERATURE = 17°F. TEMP. RISE = 59°F.  
BTUS CALCULATED OFF ACTUAL AIR DENSITY.  
OUTPUT BTUS AT ALTITUDE OF 0.0 FT. = 66177  
INPUT BTUS AT ALTITUDE OF 0.0 FT. = 71932  
OUTPUT BTUS AT ALTITUDE OF 661 FT. = 64632  
INPUT BTUS AT ALTITUDE OF 661 FT. = 70230.



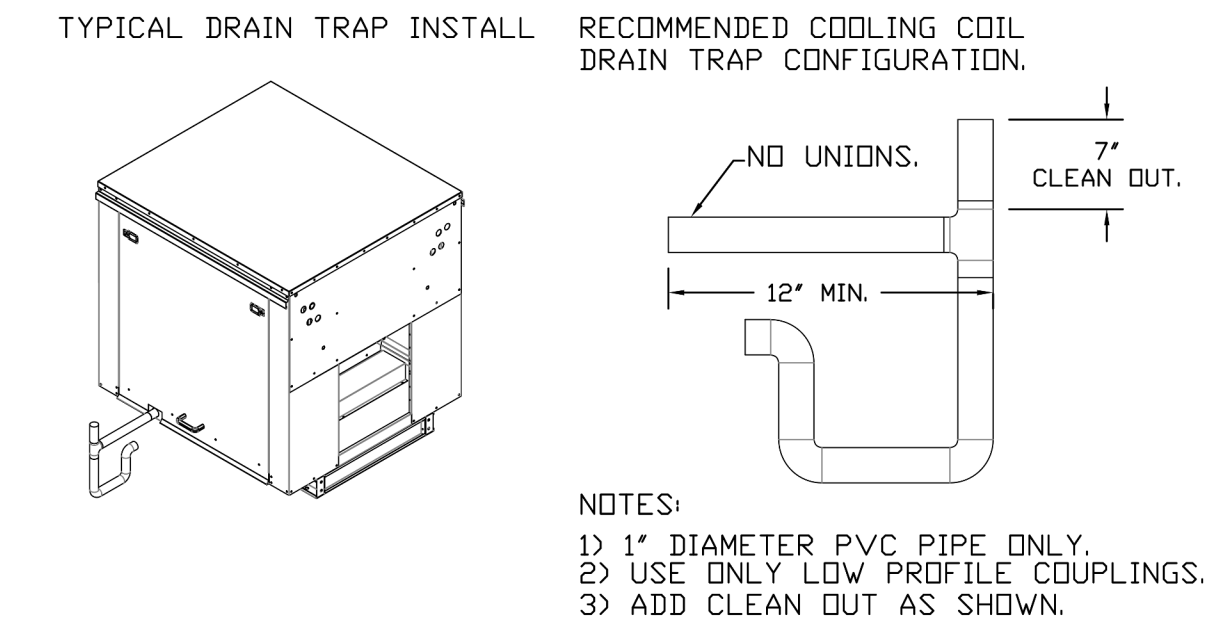
**DIRECT FIRED COIL PROFILE PLATE ASSEMBLY**

**DIRECT FIRED PROFILE PLATE SPECIFICATIONS:**  
**DESCRIPTION:**  
DIRECT FIRED BURNERS SHALL HAVE PATENTED GAS PATENT NO. US6699838B3, SELF-ADJUSTING PROFILE PLATES DESIGNED TO ENSURE PROPER AIR VELOCITY AND PRESSURE DROP ACROSS THE BURNER. PROFILE PLATES SHALL ALLOW BURNERS TO ACHIEVE CLEAN COMBUSTION BY LIMITING BY-PRODUCT LEVELS TO A MAXIMUM OF 50PPM OF CARBON MONOXIDE (CO), AND 0.5PPM OF NITROGEN DIOXIDE (NO2). DIRECT FIRED UNITS SHALL BE CONFIGURED WITH THE BURNER MOUNTED DOWNSTREAM OF THE BURNER. THIS ARRANGEMENT WILL ENSURE A CONSISTENT AIRFLOW, REGARDLESS OF INLET AIR TEMPERATURE.

**APPLICATION:**  
SPRING-LOADED BURNER PROFILE PLATES ARE ENGINEERED TO AUTOMATICALLY REACT TO THE MOMENTUM OF A FRESH AIR STREAM, WITHOUT THE NEED FOR ANY MOTORS OR ACTUATORS TO MECHANICALLY ADJUST THEM. WITH THIS FEATURE, ALL DF UNITS ARE DESIGNED FOR DEMAND CONTROL VENTILATION (DCV) REQUIREMENTS.

**DEFINITIONS:**  
ALL PROFILE PLATE ASSEMBLIES SHALL BE INCLUDED IN THE DF UNIT'S ETL LISTING AND COMPLY WITH COMBINED SAFETY STANDARDS ANSI Z83.4 AND CSA 3.7 (NON-RECIRCULATING DF HEATERS) AND ANSI Z83.9 (RECIRCULATING DF HEATERS).

**GENERAL CONSTRUCTION:**  
-PROFILE PLATES SHALL BE FORMED FROM 600 GALVANIZED STEEL.  
-PROFILE PLATES SHALL VARY IN SIZE PER UNIT.  
-PROFILE PLATES SHALL BE MOUNTED ALONG THE SAME PLANE AS THE DISCHARGE OF THE BURNER.  
-DESIGN SHALL INCORPORATE PROPERLY TORQUED, PERMANENTLY MOUNTED SPRING HINGES.  
-SPRING HINGES SHALL BE MADE FROM PLATED STEEL.



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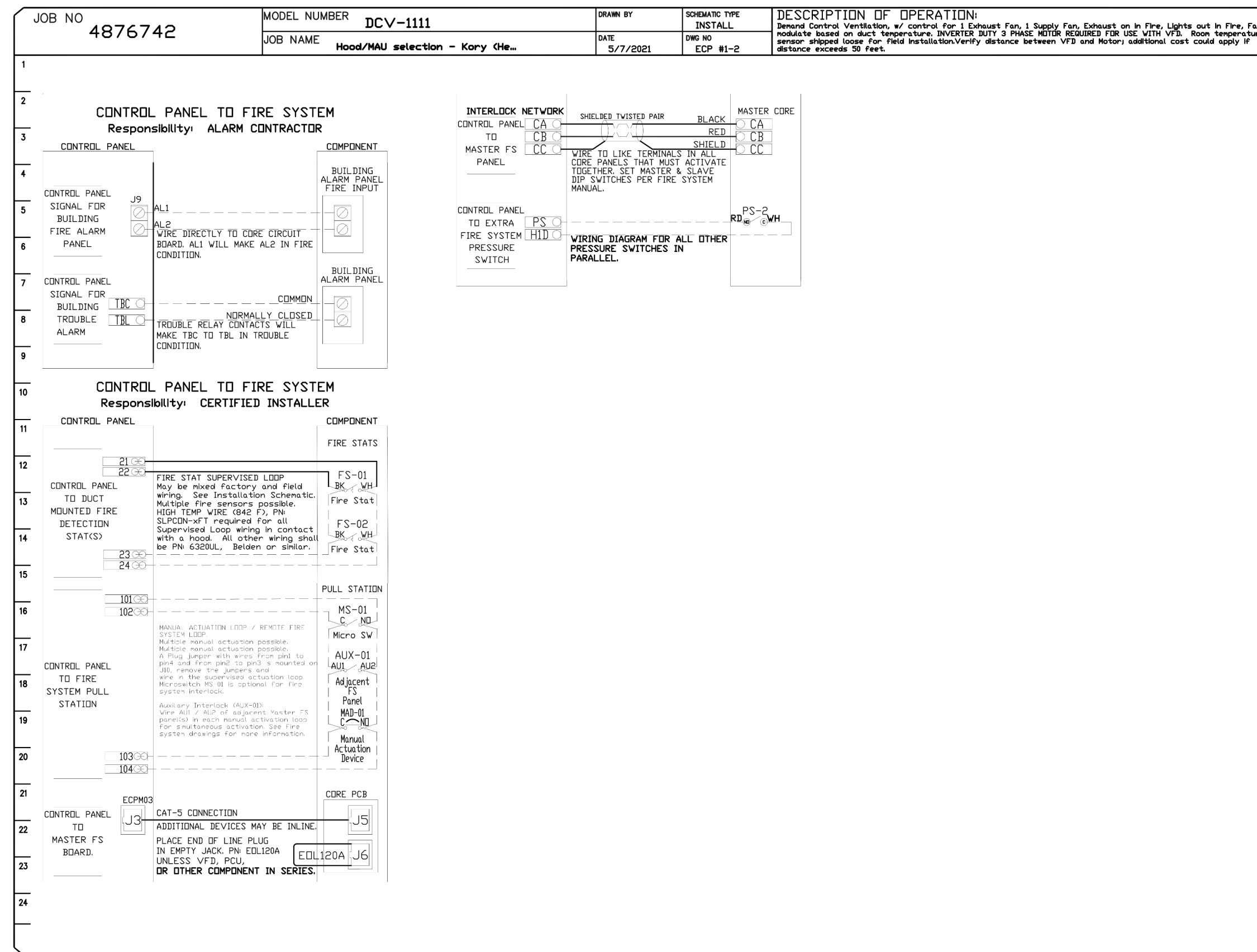
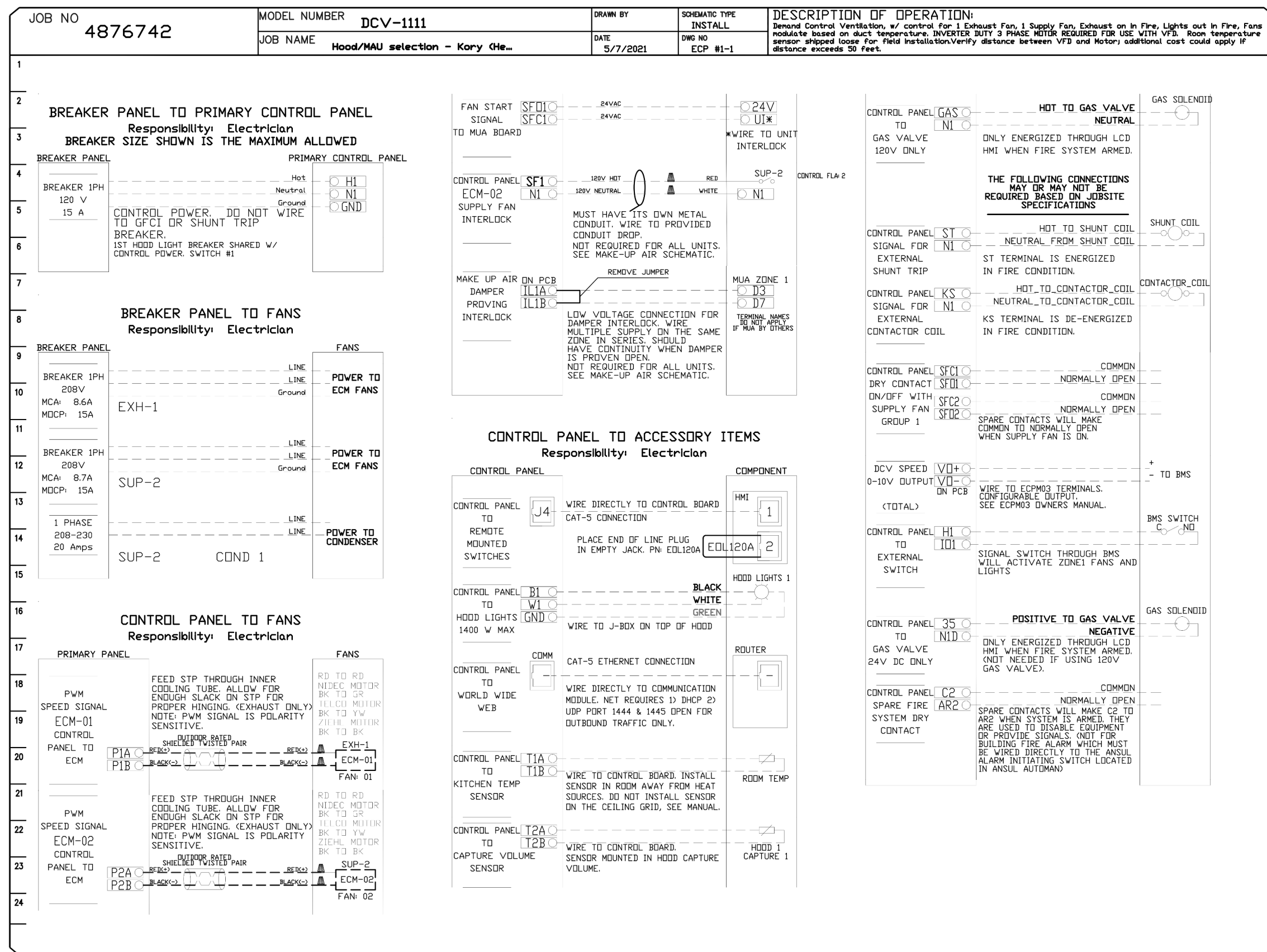


VINITA CULTURAL DEVELOPMENT CENTER



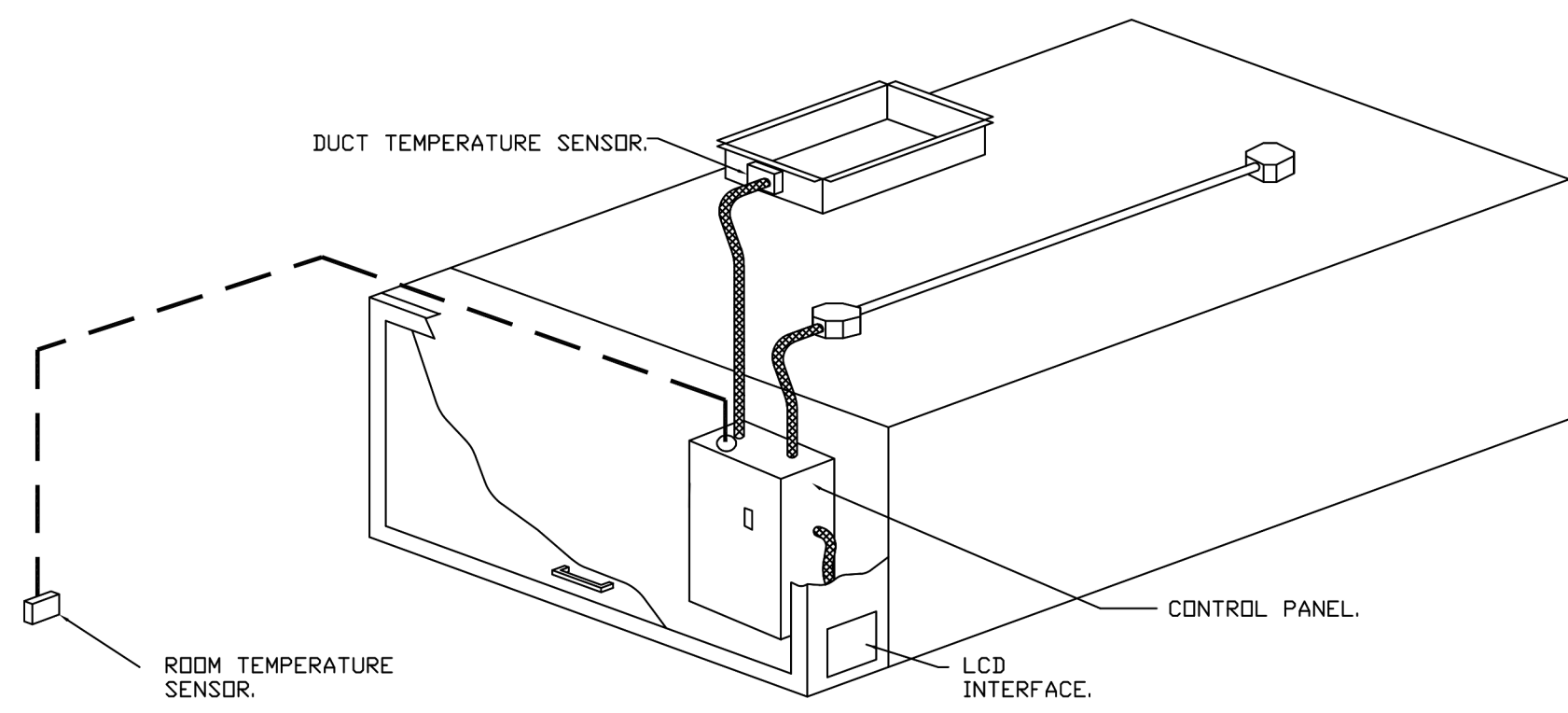


NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED			
				LOCATION	QUANTITY		TYPE	Φ	HP	VOLT
1		DCV-1111	WALL UTILITY CABINET LEFT	LECT. SIDE OF HOOD	HOOD # 1	SMART CONTROLS DCV	1	1,000	208	6.9



**DEMAND CONTROL VENTILATION HOOD CONTROL PANEL SPECIFICATIONS:**

- CONTROL SHALL BE LISTED BY ETL (UL 508A) AND SHALL COMPLY WITH DEMAND VENTILATION SYSTEM TURNDOWN REQUIREMENTS OUTLINED IN IECC 403.2.8 (2015).
- THE CONTROL ENCLOSURE SHALL BE NEMA 1 RATED AND LISTED FOR INSTALLATION INSIDE OF THE EXHAUST HOOD UTILITY CABINET. THE CONTROL ENCLOSURE MAY BE CONSTRUCTED OF STAINLESS STEEL OR PAINTED STEEL.
- TEMPERATURE PROBE(S) LOCATED IN THE EXHAUST DUCT RISER(S) SHALL BE CONSTRUCTED OF STAINLESS STEEL.
- A DIGITAL CONTROLLER SHALL BE PROVIDED TO ACTIVATE THE HOOD EXHAUST FANS DYNAMICALLY BASED ON A FIXED DIFFERENTIAL BETWEEN THE AMBIENT AND DUCT TEMPERATURES. THIS FUNCTION SHALL MEET THE REQUIREMENTS OF IMC 507.11.
- A DIGITAL CONTROLLER SHALL PROVIDE ADJUSTABLE HYSTERESIS SETTINGS TO PREVENT CYCLING OF THE FANS AFTER THE COOKING APPLIANCES HAVE BEEN TURNED OFF AND/OR THE HEAT IN THE EXHAUST SYSTEM IS REDUCED.
- A DIGITAL CONTROLLER SHALL PROVIDE AN ADJUSTABLE MINIMUM FAN RUN-TIME SETTING TO PREVENT FAN CYCLING.
- VARIABLE FREQUENCY DRIVES (VFDs) SHALL BE PROVIDED FOR FANS AS REQUIRED. THE DIGITAL CONTROLLER SHALL MODULATE THE VFDs BETWEEN A MINIMUM SETPOINT AND A MAXIMUM SETPOINT ON DEMAND. THE DUCT TEMPERATURE SENSOR INPUT(S) TO THE DIGITAL CONTROLLER SHALL BE USED TO CALCULATE THE SPEED REFERENCE SIGNAL.
- THE VFD SPEED RANGE OF OPERATION SHALL BE FROM 0% TO 100% FOR THE SYSTEM, WITH THE ACTUAL MINIMUM SPEED SET AS REQUIRED TO MEET MINIMUM VENTILATION REQUIREMENTS.
- AN INTERNAL ALGORITHM TO THE DIGITAL CONTROLLER SHALL MODULATE SUPPLY FAN VFD SPEED PROPORTIONAL TO ALL EXHAUST FANS THAT ARE LOCATED IN THE SAME FAN GROUP AS THE SUPPLY FAN.
- THE SYSTEM SHALL OPERATE IN PREP MODE DURING LIGHT COOKING LOAD OR COOL DOWN MODE WHEN SUFFICIENT HEAT REMAINS UNDERNEATH THE HOOD SYSTEM AFTER COOKING OPERATIONS HAVE COMPLETED. OPERATION DURING EITHER OF THESE PERIODS WILL DISABLE THE SUPPLY FANS AND PROVIDE AN EXHAUST FAN SPEED THAT IS EQUAL TO THE MINIMUM VENTILATION REQUIREMENT.
- A DIGITAL CONTROLLER SHALL DISABLE THE SUPPLY FANS, ACTIVATE THE EXHAUST FANS, ACTIVATE THE APPLIANCE SHUNT TRIP, AND DISABLE AN ELECTRIC GAS VALVE AUTOMATICALLY WHEN FIRE CONDITION IS DETECTED ON A COVERED HOOD.
- A DIGITAL CONTROLLER SHALL ALLOW FOR EXTERNAL BMS FAN CONTROL VIA DRY CONTACT (EXTERNAL CONTROL SHALL NOT OVERRIDE FAN OPERATION LOGIC AS REQUIRED BY CODE).
- AN LCD INTERFACE SHALL BE PROVIDED WITH THE FOLLOWING FEATURES:
  - ON/OFF PUSH BUTTON FAN & LIGHT SWITCH ACTIVATION.
  - INTEGRATED GAS VALVE RESET FOR ELECTRONIC GAS VALVES (NO RESET RELAY REQUIRED).
  - VFD FAULT DISPLAY WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
  - DUCT TEMPERATURE SENSOR FAILURE DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
  - MIS-WIRED DUCT TEMPERATURE SENSOR DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION.
  - A SINGLE LOW VOLTAGE CAT-5 RJ45 WIRING CONNECTION.
  - AN ENERGY SAVINGS INDICATOR THAT UTILIZES MEASURED KWH FROM THE VFDs.



TYPICAL HOOD CONTROL PANEL INSTALLATION

**SEQUENCE OF OPERATIONS:**

- THE HOOD CONTROL PANEL IS CAPABLE OF OPERATING IN ONE OR MORE OF THE FOLLOWING STATES AT ANY GIVEN TIME:
  - AUTOMATIC:** THE SYSTEM OPERATES BASED ON THE DIFFERENTIAL BETWEEN ROOM TEMPERATURE AND THE TEMPERATURE AT THE HOOD CAVITY OR EXHAUST DUCT COLLAR. FANS ACTIVATE AT A CONFIGURABLE TEMPERATURE DIFFERENTIAL THRESHOLD. DEPENDING ON THE JOB CONFIGURATION EACH FAN ZONE CAN BE CONFIGURED AS STATIC OR DYNAMIC. THESE TERMS REFER TO WHETHER A VARIABLE MOTOR (SUCH AS EC MOTORS OR VFD DRIVEN MOTORS) MODULATE WITH TEMPERATURE. IF THE PANEL IS EQUIPPED WITH VARIABLE SPEED FANS AND THE ZONE IS DEFINED AS 'DYNAMIC', THESE WILL MODULATE WITHIN A USER-DEFINED RANGE. BASED ON THE TEMPERATURE DIFFERENTIAL. PANELS EQUIPPED WITH VARIABLE SPEED FANS AND A FAN ZONE DEFINED AS 'STATIC', FANS WILL RUN AT A SET SPEED CALCULATED FOR THE DRIVE. DEMAND CONTROL VENTILATION SYSTEMS ARE CAPABLE OF MODULATING EXHAUST AND MAKE UP AIR FAN SPEEDS PER THE REQUIREMENTS OUTLINED IN IECC 403.2.8.
  - MANUAL:** THE SYSTEM OPERATES BASED ON HUMAN INPUT FROM AN HMI.
  - SCHEDULE:** A WEEKLY SCHEDULE CAN BE SET TO RUN FANS FOR A SPECIFIED PERIOD THROUGHOUT THE DAY. THERE ARE THREE OCCUPIED TIMES PER DAY TO ALLOW FOR THE USER TO SET UP A TIME THAT IS SUITABLE TO THEIR NEEDS. ANY TIME THAT IS WITHIN THE DEFINED OCCUPIED TIME, THE SYSTEM WILL RUN AT MODULATION MODE AND FOLLOW THE FAN PROCEDURE ALGORITHM BASED ON TEMPERATURE. DURING THIS TIME, DURING UNOCCUPIED TIME, THE SYSTEM WILL HAVE AN EXTRA OFFSET TO PREVENT UNINTENDED ACTIVATION OF THE SYSTEM DURING A TIME WHERE THE SYSTEM IS NOT BEING OCCUPIED.
  - OTHER:** THE SYSTEM OPERATES BASED ON THE INPUT FROM AN EXTERNAL SOURCE (DDC, BMS OR HARD-WIRED INTERLOCK).
  - FIRE:** UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM, THE EXHAUST FAN WILL COME ON OR CONTINUE TO RUN, THE HOOD MAKEUP AIR WILL SHUTDOWN, AND A SIGNAL WILL BE SENT FOR ACTIVATING THE SHUNT TRIP BREAKER PROVIDED BY THE ELECTRICIAN. FUEL GAS WILL SHUT OFF VIA A MECHANICAL/ELECTRICAL GAS VALVE ACTUATED BY THE HOOD FIRE SUPPRESSION SYSTEM.

NO.	DESCRIPTION	DATE
1		
2		
3		

**REVISIONS**

DESCRIPTION DATE

1

2

3

Hood/MAU selection - Kory (Heat/Cool)  
TULSA, OK, 74106

DATE: 5/7/2021  
 DWG.#: 4876742  
 DRAWN BY: RJH-80  
 SCALE: 3/4" = 1'-0"  
 MASTER DRAWING

**SHEET NO.**  
7



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**VINITA CULTURAL DEVELOPMENT CENTER**

**CHEROKEE NATION, OKLAHOMA**

PROJECT

NO. 1

No.	Description	Date

BID

PROJECT NO: 111-0492  
 DRAWN BY: MEV  
 CHECK BY: KMZ  
 ISSUE DATE: 5/7/2021

**M606**  
Scale

KORY M. ZEHM  
Professional Engineer  
No. 0000000000  
Oklahoma



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VINITA CULTURAL DEVELOPMENT CENTER

**SYMBOLS****PIPE**

—	EXISTING
—	NEW
- - - -	EXISTING TO BE REMOVED
—G—	NATURAL GAS
—V—	VENT
—SS—	SANITARY SEWER
—RD—	ROOF DRAIN
—ORD—	OVERFLOW ROOF DRAIN
—	DOMESTIC COLD WATER
—	DOMESTIC HOT WATER
—	DOMESTIC HOT WATER RETURN
—F—	FIRE LINE
—GW—	GREASE WASTE
—PD—	PUMPED DISCHARGE
—IR—	IRRIGATION WATER

**PIPE SPECIALTY**

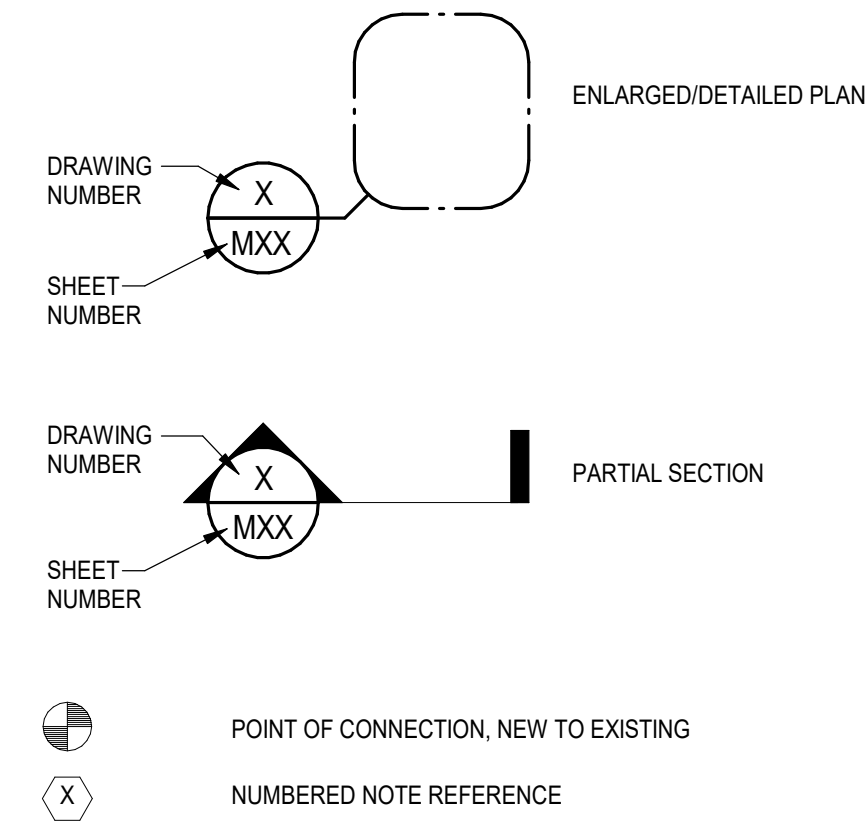
—▶—	BACKFLOW PREVENTER
—◊—	2-WAY CONTROL VALVE
—◊◊—	3-WAY CONTROL VALVE
—▶◊—	PRESSURE REDUCING VALVE
— —	UNION
—○—	BALL VALVE
—⊥—	OS & Y VALVE
—⊥◊—	GATE VALVE
—⊥◊◊—	GLOBE VALVE
—○—	BUTTERFLY VALVE
— —	VERTICAL SHUT-OFF VALVE IN RISER
—▶—	DIRECTION OF FLOW
— —	CAP
—FM—	FLOWMETER
—◊—	AUTOMATIC FLOW CONTROL VALVE
—◊—	PLUG VALVE OR COCK
—Z—	SWING CHECK VALVE
—T—	WYE STRAINER WITH DRAIN VALVE & CAP
—PT—	TEMPERATURE & PRESSURE RELIEF VALVE
—P—	PRESSURE & TEMPERATURE TEST PLUGS
—P—	PRESSURE GAUGE AND COCK
—T—	THERMOMETER WITH WELL
—T—	ANGLE THERMOMETER WITH WELL
—EJ—	EXPANSION LOOP
—EJ—	PIPE EXPANSION JOINT
—	ALIGNMENT GUIDE
—X—	ANCHOR
—FC—	FLEXIBLE PIPE CONNECTOR

**PLUMBING SPECIALTY**

—P-X—	PLUMBING FIXTURE TYPE. REFER TO PLUMBING FIXTURE SCHEDULE AND SPECIFICATIONS
—Φ—	FROSTPROOF WALL HYDRANT
—FCO—	FLOOR CLEANOUT
—11 WCO—	CLEANOUT (ABOVE FLOOR)
—HB-X—	HOSE BIBB
—HD-X—	HUB DRAIN
—FD-X—	SQUARE FLOOR DRAIN
—FD-X—	ROUND FLOOR DRAIN
—RD-X—	ROOF DRAIN
—P-TRAP—	P-TRAP

**CONTROL DEVICES**

—C—	CONTROLLER
—Z—	DIFFERENTIAL PRESSURE SENSOR OR CONTROLLER
—F—	FIRESTAT
—FL—	FLOW TRANSMITTER OR CONTROLLER
—FR—	FREEZE STAT
—FS—	FLOW SWITCH
—H—	HUMIDITY SENSOR OR CONTROLLER
—HD—	HUMIDISTAT
—M—	MANUAL ADJUSTER
—P—	PRESSURE SENSOR OR CONTROLLER
—PE—	PRESSURE SWITCH
—R—	RELAY
—T—	TEMPERATURE SENSOR OR CONTROLLER
—T—	THERMOSTAT
—TN—	NIGHT THERMOSTAT
—S—	SOLENOID OPERATOR
—P—	PNEUMATIC OPERATOR
—P—	PRESSURE GAUGE
—E—	ELECTRIC CONNECTION
—P—	PNEUMATIC CONNECTION
—T—	TRAP
—MA—	MAIN AIR
—PP—	POSITIVE POSITIONER
—SD—	SMOKE DETECTOR
—TD—	TRANSDUCTER
—TS—	TEMPERATURE SENSOR

**MISC SYMBOLS****FIRE SAFETY**

—○—	SPRINKLER HEAD UPRIGHT
—●—	SPRINKLER HEAD PENDANT
—●—	SPRINKLER HEAD FLUSH MOUNTED
—▽—	SPRINKLER HEAD SIDEWALL
—○—	SPRINKLER HEAD (EXISTING)
—●—	SPRINKLER HEAD (NEW OR RELOCATED LOCATION) AND NEW PIPING (1" UNLESS OTHERWISE INDICATED). REMOVE EXISTING (RELOCATE AS INDICATED)
—VPI—	VALVE WITH POSITION INDICATOR
—FHC-1—	FIRE HOSE CABINET-1
—FDVC-1—	FIRE DEPT. VALVE CABINET-1
—FAP—	FIRE ALARM PANEL
—GAP—	GRAPHIC ANNUNCIATOR PANEL
—RAP—	REMOTE ANNUNCIATOR PANEL
—VA—	AUDIO/VISUAL ALARM
—MRS—	MANUAL RELEASE STATION
—AS—	ABORT STATION
—EPO—	EMERGENCY POWER OFF (EPO SWITCH)
—FD—	FIRE DEPARTMENT CONNECTION
—D—	WATER MOTOR GONG

**ABBREVIATIONS:**

ACU	AIR CONDITIONING UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
BD	BACKDRAFT DAMPER
BE	BOTTOM ELEVATION
BFF	BELOW FINISH FLOOR
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
CD	CONDENSATE
CHP	CHILLED WATER PUMP
CHW	CHILLED WATER
CT	COOLING TOWER
CWP	CONDENSER WATER PUMP
CP	CIRCULATING PUMP
CKTS	CIRCUITS
CV	CONSTANT VOLUME OR CONTROL VALVE
DIFF	DIFFUSER
DN	DOWN
DHW	DOMESTIC HOT WATER
DWG	DRAWING
EOM	END OF MAIN
EA	EXHAUST AIR
EF	EXHAUST FAN
FBO	FURNISHED BY OWNER (COMPANY)
FD	FIRE DAMPER
FL	FLOW LINE (INVERT)
FLA	FULL LOAD AMPS
FLR	FLOOR
IBO	INSTALLED BY OWNER (COMPANY)
ID	INSIDE DIAMETER
MTD	MOUNTED
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OBD	OPPOSED BLADE DAMPER
OA	OUTSIDE AIR
RA	RETURN AIR
SD	SMOKE DAMPER
SA	SUPPLY AIR
SF	SQUARE FEET OR SUPPLY FAN
TA	TRANSFER AIR
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VTR	VENT THROUGH ROOF

**GENERAL NOTES:**

1. COMPLY WITH CURRENT BUILDING, MECHANICAL, PLUMBING AND OTHER GOVERNING CODES, STATE STATUTES, CITY ORDINANCES, AND REGULATIONS OF REGULATORY BODIES HAVING JURISDICTION.
2. INSTALL ALL PIPING AND FITTINGS IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICES WHICH WILL ACHIEVE PERMANENTLY-LEAKPROOF PIPING SYSTEMS, CAPABLE OF PERFORMING EACH INDICATED SERVICE WITHOUT FAILURE OR DEGRADATION OF SERVICE.

**PLUMBING GENERAL NOTES:**

1. ALL WORK SHALL MEET OR EXCEED APPLICABLE CODES AND SPECIFICATIONS.
2. LOCATE AND INSTALL ALL PLUMBING FIXTURES AND DEVICES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
3. COORDINATE ALL PIPE ROUTING WITH MECHANICAL, ELECTRICAL, ARCHITECTURAL, AND STRUCTURAL TRADES PRIOR TO INSTALLATION.
4. REFER TO APPROPRIATE PLUMBING DETAILS FOR MOUNTING, SUPPORTING AND GROUPING OF PIPE RUNS AT VARIOUS LOCATIONS.
5. COORDINATE FLOOR SLAB AND FOUNDATION WALL PENETRATIONS WITH STRUCTURAL ENGINEER AND GENERAL CONTRACTOR PRIOR TO INSTALLATION OF FLOOR SLABS AND GRADE BEAMS.
6. INSTALL WALL CLEANOUT AT BASE OF ALL SANITARY SEWER AND ROOF DRAIN RISERS AS REQUIRED BY CODE, IF NOT ALREADY SHOWN ON DRAWINGS. COORDINATE LOCATION WITH ARCHITECT AND GENERAL CONTRACTOR.
7. INSTALL CLEANOUTS FOR ALL SANITARY SEWER, AND ROOF DRAIN PIPING AS REQUIRED BY CODE, IF NOT ALREADY SHOWN ON DRAWINGS. COORDINATE LOCATION WITH ARCHITECT AND GENERAL CONTRACTOR.
8. INSTALL TEST TEES FOR ALL SANITARY SEWER DRAIN PIPING AS REQUIRED BY CODE, IF NOT ALREADY SHOWN ON DRAWINGS. COORDINATE LOCATION WITH AUTHORITY HAVING JURISDICTION.
9. CLEANOUTS SIZES SHALL BE THE SAME NOMINAL SIZE AS THE PIPE THEY SERVE UP TO 4 INCHES. FOR PIPES LARGER THAN 4 INCHES NOMINAL SIZE, THE MINIMUM SIZE OF THE CLEANOUT SHALL BE 4", UNLESS NOTED OTHERWISE.

**CHEROKEE NATION,  
OKLAHOMA**

KEY PLAN



No.	Description	Date

SHEET TITLE  
**PLUMBING SYMBOLS, NOTES AND ABBREVIATIONS**

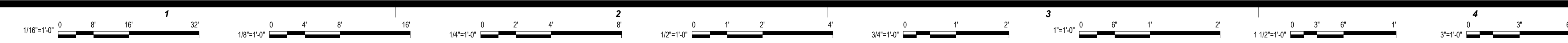
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PROJECT NO: 111-0492  
DRAWN BY: MEV  
CHECK BY: KMZ  
ISSUE DATE: 5/7/2021



**P001**  
Scale 1/8" = 1'

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**DEMOLITION GENERAL NOTES:**

1. ALL SYSTEM SHUT-DOWNS SHALL BE COORDINATED WITH OWNER AND SCHEDULED AFTER NORMAL BUSINESS HOURS OR AS OTHERWISE APPROVED BY OWNER.
2. MEET WITH OWNER PRIOR TO DEMOLITION TO IDENTIFY WHETHER EXISTING MATERIALS, SYSTEMS, EQUIPMENT, ETC. ARE CONSIDERED SALVAGE OR DEBRIS. REMOVE DEBRIS FROM SITE AND DISPOSE OF IN APPROVED MANNER. RETURN SALVAGE TO OWNER IN A LOCATION AND MANNER AS DIRECTED BY OWNER.

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VINITA CULTURAL DEVELOPMENT CENTER

PROJECT  
**CHEROKEE NATION, OKLAHOMA**

KEY PLAN



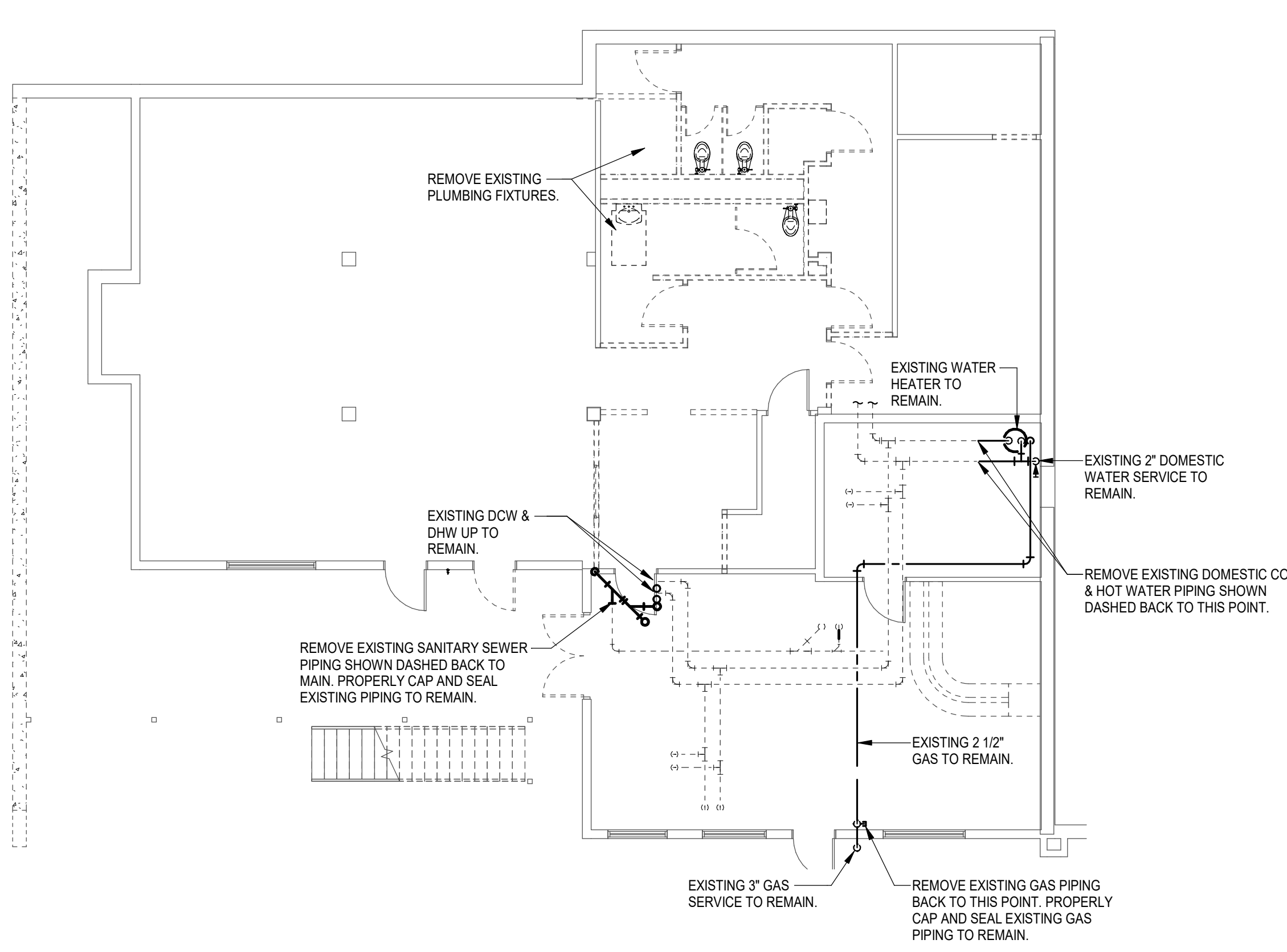
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SHEET TITLE  
**DEMOLITION - PLUMBING FLOOR PLANS**

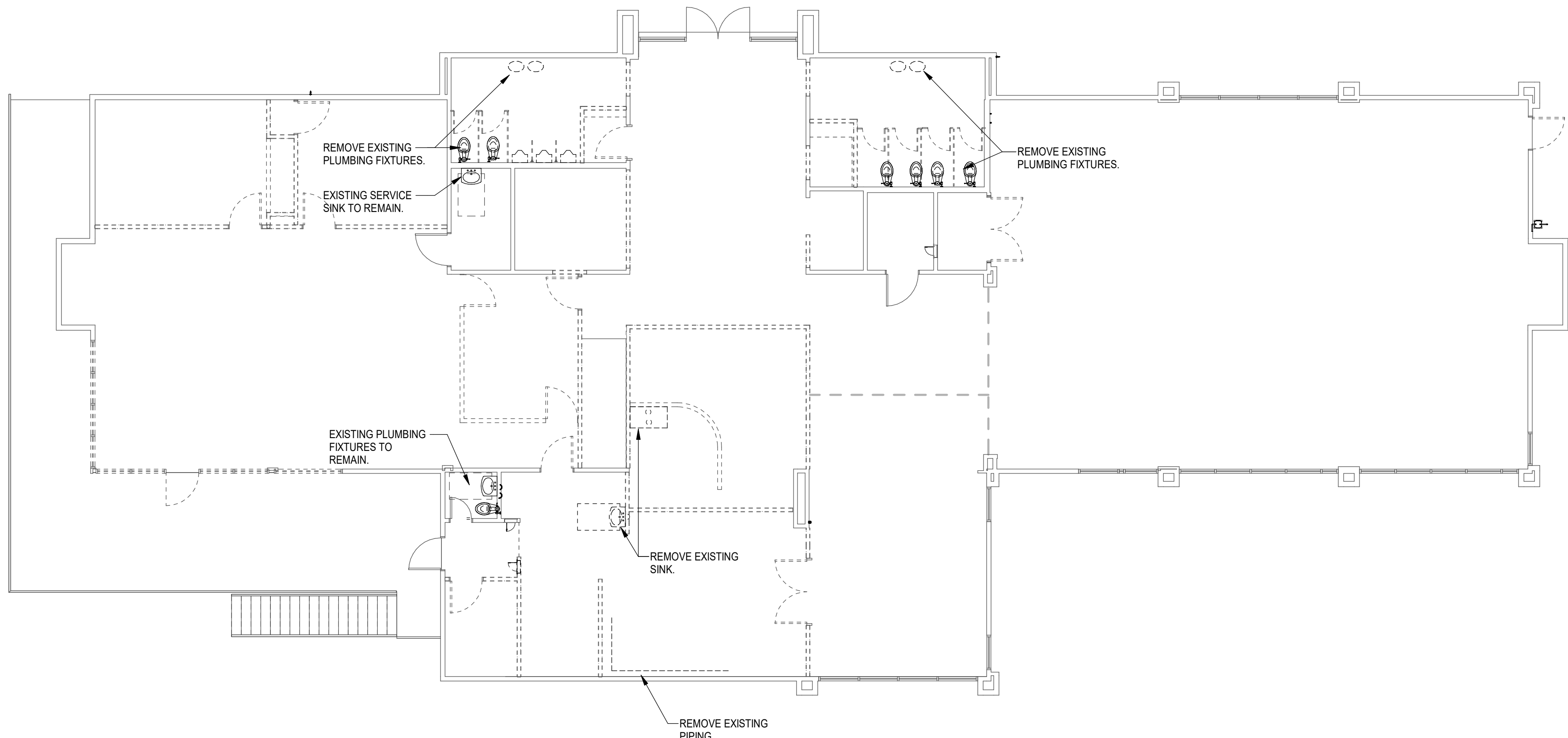
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PROJECT NO. 111-049.2  
DRAWN BY: MEV  
CHKD BY: KMZ  
ISSUE DATE: 5/7/2021



**PD101**  
Scale 1/8" = 1'



LOWER LEVEL PLUMBING PLAN - DEMO  
1/8" = 1'-0" PD101



UPPER LEVEL PLUMBING PLAN - DEMO  
1/8" = 1'-0" PD101

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A  
B  
C  
D  
E





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KEY PLAN



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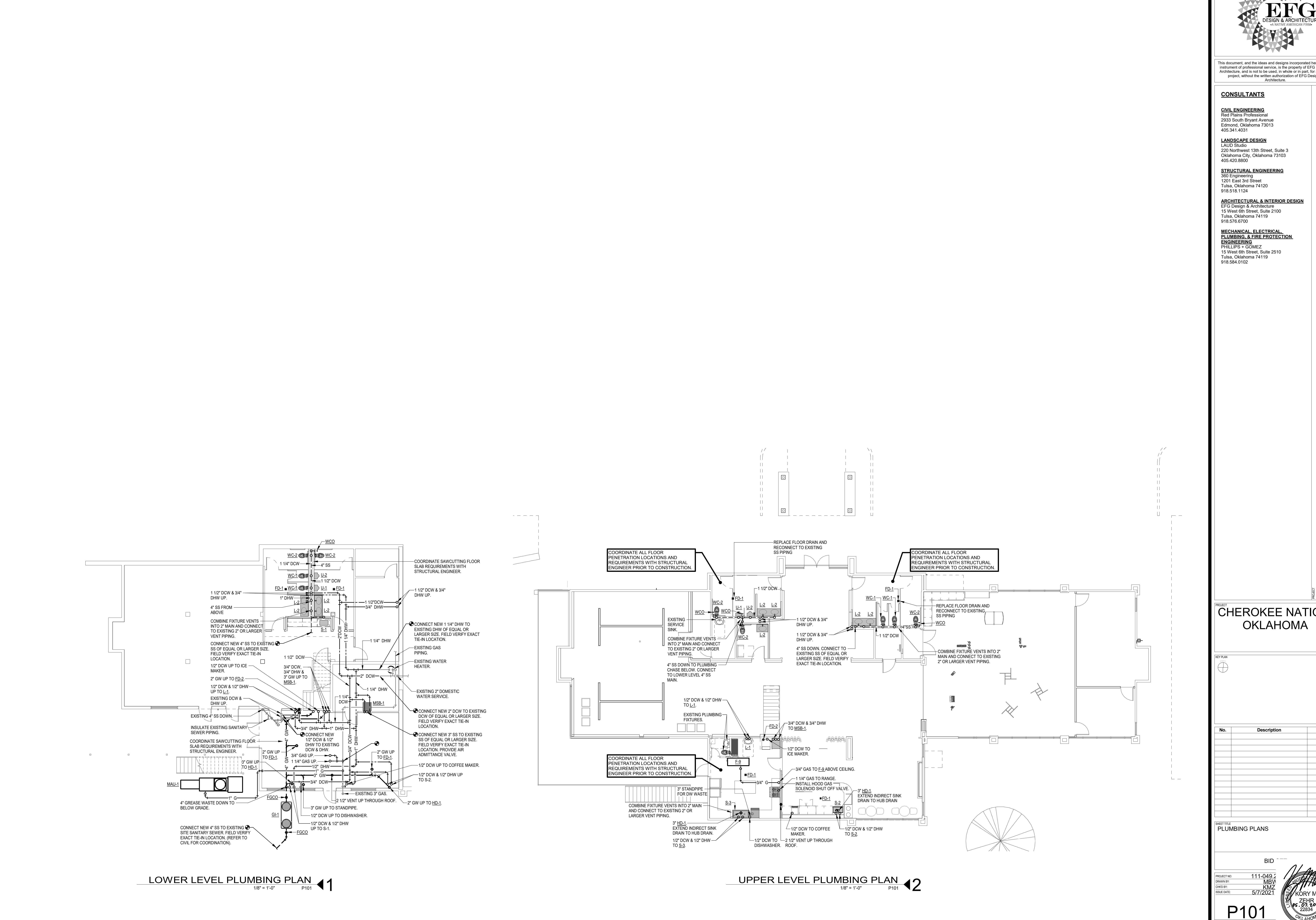
#### PLUMBING PLANS

BID

PROJECT NO. 111-049-2  
DRAWN BY: MEV  
CHKD BY: KMZ  
ISSUE DATE: 5/7/2021

P101

Scale 1/8" = 1'



LOWER LEVEL PLUMBING PLAN 1/8" = 1'-0" P101

UPPER LEVEL PLUMBING PLAN 1/8" = 1'-0" P101



### GREASE INTERCEPTOR - SIZING CALCULATION

FIXTURE	QUANTITY	SIZE, EACH LENGTH x WIDTH x DEPTH	VOL. ea. Cu. In.	TOTAL GALS	DISPLACE- MENT MULT.	NET. VOL. GALLONS
<b>KITCHEN SPACES</b>						
1 COMPARTMENT SINK (S-2)	1	30 x 18 x 8	4320	18.70	0.75	14.0
HAND SINK	1	17 x 14 x 5	1190	5.15	0.75	3.9
2 COMPARTMENT SINK (S-3)	1	42 x 18 x 14	10584	45.82	0.75	34.4
MOP SINK	1	24 x 24 x 10	5760	24.94	0.75	18.7
TOTAL GALLONS						71
TOTAL GALLONS		(FIXTURES) / 1 MINUTE FLOW RATE = ( X ) GPM			71	
MINIMUM GPM =		DISH WASHER DRAIN (GPM) =			15	
MINIMUM GPM =					86	
NOTES: 1. SIZING CALCULATIONS ARE IN ACCORDANCE WITH PDI GUIDELINES AND 2015 INTERNATIONAL PLUMBING CODE.						

### INTERCEPTOR SCHEDULE

UNIT DESIGNATION	GI-1
MANUFACTURER	ENDURA
MODEL NO.	XL100
INTERCEPTOR TYPE	GREASE
FLOW RATE - GPM	100
INLET/OUTLET PIPE SIZE - NPS	4
VENT PIPE SIZE - NPS	4
REMARKS	1,2,3,4

REMARKS  
 1. TOP OF MANHOLE FLUSH WITH GRADE.  
 2. RISER EXTENSION TO GRADE. FIELD VERIFY HEIGHT.  
 3. TRAFFIC RATED ACCESS COVER AND FRAME.  
 4. INTERGRAL INTERIOR FLOW CONTROL SYSTEM.

### PLUMBING FIXTURE SCHEDULE

UNIT DESIGNATION	WC-1	WC-2	U-1 & 2	L-1	L-2	S-1	S-2	S-3	MSB-1
FIXTURE TYPE	WATER CLOSET FLOOR MOUNTED FLUSH VALVE	WATER CLOSET FLOOR MOUNTED FLUSH VALVE	URINAL WALL MOUNTED FLUSH VALVE	LAVATORY WALL MOUNTED 21-14"x18-1/8"	LAVATORY CUSTOM VESSEL BY OTHERS	SINK SINGLE COMPART. 25"x22"x8 1/2"	SINK SINGLE COMPART. 30-1/2"x18-1/2"x10"	POT SINK TWO COMPART. (2) 21"x18"x14"	SQUARE MOP SINK BASIN 24"x24"x10"
MATERIAL/COLOR	VITREOUS CHINA WHITE	VITREOUS CHINA WHITE	VITREOUS CHINA WHITE	VITREOUS CHINA WHITE	--	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL	FIBERGLASS
ADA COMPLIANT? (YES/NO)	NO	YES	YES	YES	NO	NO	NO	NO	NO
MANUFACTURER	KOHLER K-96053	KOHLER K-96057	KOHLER K-4991-ET	KOHLER K-2007	--	ELKAY LR2522	ELKAY EFRU28160T	EAGLE 2136-2-16/4	FLORESTONE MSR-2424
MODEL NUMBER	SLOAN 111 SFSM-1.6-HW	SLOAN 111 SFSM-1.6-HW	SLOAN REGAL 186 SFSM-0.5-HW	--	--	--	--	--	--
TRIM	VALVE SEAT CARRIER	SLOAN KOHLER: MODEL K-4670-SA	SLOAN ZURN SERIES 1200	VALVE SEAT CARRIER	SLOAN EPX-300 GRID STRAINER	ZURN Z1231 SLOAN EPX-100	ELKAY LKAV1031 ELKAY LK35	EAGLE 300716 12" SWING SPOUT EAGLE 300720	MOEN 8320 GRID STAINER
MISCELLANEOUS	HARD WIRED SENSOR OPERATED FLUSH VALVE EL-451 XFMR	HARD WIRED SENSOR OPERATED FLUSH VALVE EL-451 XFMR	HARD WIRED SENSOR OPERATED FLUSH VALVE EL-451 XFMR	0.5 GPM AERATOR, CHROME PLATED HARD WIRED SENSOR FAUCET EL-451 XFMR	0.5 GPM AERATOR, CHROME PLATED HARD WIRED SENSOR FAUCET EL-451 XFMR	2" 2" LK35	2" 2" LK35	2" 2" 2" W/LEVER HANDLE	MOEN 8198 MOP HANGER & 8199 HOSE BRACKET, MR377 WALL GUARDS (2)
WASTE & VENT	ABOVE GROUND BELOW GROUND VENT	4" 4" 2"	4" 4" 2"	2" 2" 2"	1 1/2" 2" 1 1/2"	1 1/2" 2" 1 1/2"	1 1/2" 2" 1 1/2"	1 1/2" 2" 1 1/2"	3" 2" 2"
WATER SUPPLY	COLD HOT TEMPERED	1" --- ---	1" --- ---	3/4" --- ---	1/2" 1/2" 1/2"	1/2" 1/2" 1/2"	1/2" 1/2" 1/2"	1/2" 1/2" ---	3/4" 3/4" ---
REMARKS	REMARKS								

NOTES (APPLICABLE TO ALL FIXTURES)  
 A. REFER TO ARCHITECTURAL ELEVATIONS FOR FIXTURE MOUNTING HEIGHTS.  
 B. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.  
 C. PROVIDE COPPER PISTON TUBE WATER HAMMER ARRESTORS ON WATER LINES CONNECTED TO SOLENOID VALVES, FLUSH VALVES, AND TO FIXTURE GROUPS OR INDIVIDUAL FIXTURES. FURNISH WHERE INDICATED OR REQUIRED. SHOCK ABSORBERS SHALL BE PROPERLY SIZED, PROPERLY LOCATED IN AN EFFECTIVE RANGE FROM EQUIPMENT, AND IN ACCORDANCE WITH THE PDI STANDARD WH201.  
 D. PROVIDE FLEXIBLE CHROME PLATED SUPPLIES WITH LOOSE-KEY STOPS (HAND WHEEL STOPS) AND ESCUTCHEONS AT WATER SUPPLIES TO EACH FIXTURE.  
 E. DIMENSIONS SHOWN ABOVE ARE NOMINAL.  
 ACCEPTABLE MANUFACTURERS: KOHLER, SLOAN, AMERICAN STANDARD, ZURN, FIAT, CRANE, CHICAGO FAUCET, ELKAY, JUST, FLORESTONE, WOODFORD, MURDOCK, OASIS, HALSEY, HAWS, SUNROC, EAGLE, AERO, T&S.  
 REMARKS (APPLICABLE WHERE NOTED AT THE SPECIFIC FIXTURE)  
 1. PROVIDE ASSE 1070 THERMOSTATIC MIXING VALVE TO SUPPLY 110 DEG F. TEMPERED WATER TO FIXTURE HOT WATER SUPPLY (POWERS HYDROGUARD SERIES 480 OR EQUAL). INSTALL UNDER LAVATORY IN ACCESSIBLE LOCATION (UNIT MAY BE INSTALLED BEHIND REMOVABLE COUNTER SKIRT).  
 2. INSTALL TRUEBRO, INC. OR EQUAL, REMOVABLE (SNAP CLIP FASTENERS) WHITE PROTECTIVE COVERS ON DRAIN LINE AND WATER SUPPLIES/STOP VALVES FOR ADA COMPLIANT INSTALLATION.  
 3. PROVIDE 17 GAUGE CHROME PLATED P-TRAP WITH CLEANOUT, INSTALL WASTE ELL AT BOTTOM OF BOWL AND PIPE HORIZONTALLY BACK TO P-TRAP INSTALLED AGAINST WALL.

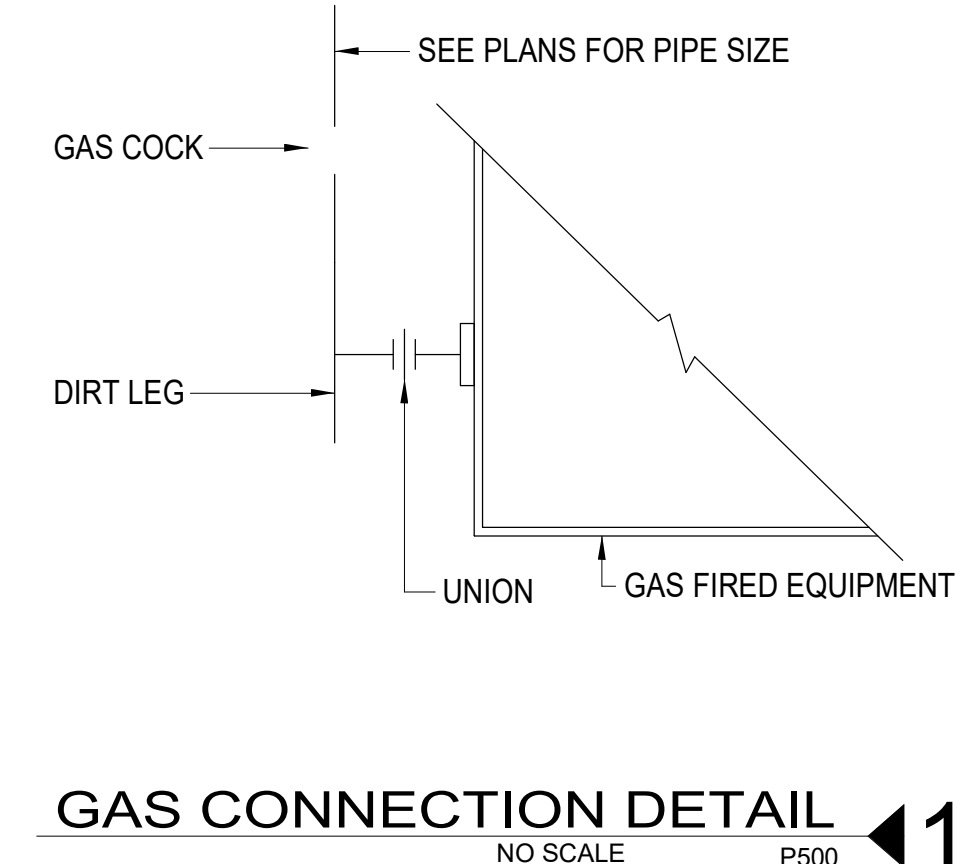
### PLUMBING SPECIALTIES SCHEDULE

UNIT DESIGNATION	FD-1	FD-2	WCO	FCO	FGCO	HD-1
FIXTURE TYPE	FLOOR DRAIN FINISHED AREA	FLOOR DRAIN UNFINISHED AREA	WALL CLEANOUT	FLOOR CLEANOUT	FINISHED GRADE CLEANOUT COVER	HUB DRAIN
MANUFACTURER	ZURN	ZURN	ZURN	ZURN	JAY R. SMITH	ZURN
MODEL NUMBER	Z-415	Z-415	Z1441	Z1400	4880	Z211-S-P
BODY MATERIAL	CAST IRON	CAST IRON	CAST IRON	CAST IRON	CAST IRON	CAST IRON
TOP OR STRAINER MATERIAL	NICKEL BRONZE	NICKEL BRONZE	STAINLESS STEEL	NICKEL BRONZE	NICKEL BRONZE	NICKEL BRONZE
TOP OF BODY AND STRAINER FINISH	POLISHED	POLISHED	STAINLESS STEEL	POLISHED	NICKEL BRONZE	NICKEL BRONZE
TOP SHAPE	NICKEL BRONZE	NICKEL BRONZE	NICKEL BRONZE	NICKEL BRONZE	NICKEL BRONZE	NICKEL BRONZE
STRAINER TYPE	SQUARE	ROUND	ROUND	ROUND	ROUND	ROUND
TOP OR STRAINER SIZE - INCHES	S	E	SEE PLANS	SEE PLANS	SEE PLANS	SEE PLANS
FUNNEL (YES OR NO)	6X6	6	NO	NO	NO	NO
OUTLET	NO	YES	NO	NO	NO	NO
TOP LOADING CLASSIFICATION	BOTTOM	BOTTOM	SIDE	BOTTOM	HEAVY DUTY	BOTTOM
MISCELLANEOUS	NONE	NONE	NONE	NONE	EXTRA HEAVY DUTY	NONE
WASTE & VENT	ABOVE GROUND BELOW GROUND VENT	2" 2" 1 1/2"	2" 2" 1 1/2"	SEE PLANS SEE PLANS	SEE PLANS SEE PLANS	SEE PLANS SEE PLANS
REMARKS	REMARKS					

GENERAL NOTE:  
 1. SELECTION BASED ON MANUFACTURERS AND MODEL NUMBERS INDICATED.  
 ACCEPTABLE MANUFACTURERS: ZURN, WADE, JAY R. SMITH, JOSAM, WATTS.  
 REMARKS (APPLICABLE WHERE NOTED AT THE SPECIFIC FIXTURE)  
 1. RECTORSEAL SURESEAL ASSE 1072 DRAIN TRAP GUARD.

### PLUMBING PIPING INSULATION SCHEDULE

SYSTEM	DOMESTIC COLD WATER	DOMESTIC HOT AND RETURN	SANITARY SEWER
SIZE/THICKNESS	<= 1" NPS / 1/2"	>= 1 1/4" NPS / 1"	ALL / 1/2"
TYPE	>= 1 1/4" NPS / 1"	>= 1 1/4" NPS / 1 1/2"	WRAP
MATERIAL	WRAP	WRAP	FIBERGLASS
FIELD-APPLIED	FIBERGLASS	FIBERGLASS	NONE
JACKET	NONE	NONE	NONE
REMARKS	REMARKS		
REMARKS	1. INSULATE ALL OVERHEAD SANITARY SEWER PIPING, ABOVE CEILING AND EXPOSED.		



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VINITA CULTURAL DEVELOPMENT CENTER

PROJECT  
**CHEROKEE NATION,  
 OKLAHOMA**

KEY PLAN

No.	Description	Date

SHEET TITLE  
**PLUMBING SCHEDULES AND DETAILS**

BID

PROJECT NO. 111-049 Z  
 DRAWN BY: MVR  
 CHKD BY: KMZ  
 ISSUE DATE: 5/7/2021

**P500**  
 Scale 1/8" = 1'

ELECTRICAL SYMBOLS LIST

<p>⊖3 DUPLEX CONVENIENCE OUTLET, +18" A.F.F. U.O.N., NUMBER DENOTES CIRCUIT, (EXAMPLE 3).</p> <p>⊖2 SIMPLEX CONVENIENCE OUTLET, +18" A.F.F. U.O.N., NUMBER DENOTES CIRCUIT, (EXAMPLE 2).</p> <p>⊖GFI GFI DENOTES GROUND FAULT INTERRUPTING.</p> <p>⊖WP WP DENOTES IN-USE WEATHERPROOF COVER.</p> <p>⊖IG IG DENOTES ISOLATED GROUND.</p> <p>⊖R R DENOTES DEVICE TO BE REMOVED.</p> <p>⊖ SPECIAL RECEPTACLE OUTLET CONFIGURATION.</p> <p>⊕ DOUBLE DUPLEX RECEPTACLE OUTLET.</p> <p>⊙ JUNCTION BOX, NUMBER DENOTES CIRCUIT (EXAMPLE 1)</p> <p>H⊖ JUNCTION BOX WITH BLANK COVER PLATE +18" A.F.F. U.O.N., PROVIDE PLASTER RING AND PULL STRING TO ACCESSIBLE CEILING SPACE.</p> <p>⊖X COMBINATION FIRE RATED POWER/TELEPHONE/DATA OUTLET.</p> <p>◁ TELEPHONE OUTLET, +18" A.F.F. U.O.N. INSTALL 4" SQUARE EXTRA DEEP BOX WITH SINGLE GANG RAISED COVER (MUD RING) AND 3/4" C. STUBBED INTO ACCESSIBLE CEILING SPACE. IN CEILING PLENUM, THE CONDUIT SHALL BE FURNISHED WITH A PROTECTIVE BUSHING AND PULL STRING. PROVIDE ONE DEDICATED CONDUIT PER OUTLET. FURNISH AND INSTALL TWO (2) PHONE CABLE AND JACK.</p> <p>◁W TELEPHONE OUTLET, WALL MOUNTED +46" A.F.F. U.O.N. INSTALL 4" SQUARE EXTRA DEEP BOX WITH SINGLE GANG RAISED COVER (MUD RING) AND 3/4" C. STUBBED INTO ACCESSIBLE CEILING SPACE. IN CEILING PLENUM, THE CONDUIT SHALL BE FURNISHED WITH A PROTECTIVE BUSHING AND PULL STRING. PROVIDE ONE DEDICATED CONDUIT PER OUTLET. FURNISH AND INSTALL TWO (2) PHONE CABLE AND JACK.</p> <p>H⊖X COMBINATION TELEPHONE/DATA OUTLET, +18" A.F.F. U.O.N. INSTALL 4" SQUARE EXTRA DEEP BOX WITH SINGLE GANG RAISED COVER (MUD RING) AND 3/4" C. STUBBED INTO ACCESSIBLE CEILING SPACE. IN CEILING PLENUM, THE CONDUIT SHALL BE FURNISHED WITH A PROTECTIVE BUSHING AND PULL STRING. PROVIDE ONE DEDICATED CONDUIT PER OUTLET. FURNISH AND INSTALL TWO (2) DATA CABLE/JACK AND TWO (2) PHONE CABLE/JACK.</p> <p>H⊖C EXTERIOR DATA CABLE SERVICE, +18" A.F.F. U.O.N. PROVIDE DEDICATED CONDUIT, DATA CABLE AND JACK AS INDICATED, REFER TO ELECTRICAL NUMBERED NOTES.</p> <p>WAP WIRELESS ACCESS POINT AT CEILING. PROVIDE 20' OF COILED COMMUNICATION CABLE WITH RJ-45 TERMINATION ABOVE CEILING. OWNER TO FURNISH WIRELESS DEVICE.</p> <p>H⊖T OUTLET FOR CABLE TV, +18" A.F.F. U.O.N. INSTALL 4" SQUARE EXTRA DEEP BOX WITH SINGLE GANG RAISED COVER (MUD RING) AND 3/4" C. STUBBED INTO ACCESSIBLE CEILING SPACE. IN CEILING PLENUM, THE CONDUIT SHALL BE FURNISHED WITH A PROTECTIVE BUSHING AND PULL STRING. PROVIDE ONE DEDICATED CONDUIT PER OUTLET. FURNISH AND INSTALL ONE (1) CABLE TV COAX CABLE AND JACK. PROVIDE COAX CABLE WITH HDTV TRANSMISSION CAPABILITY.</p> <p>FACP FIRE ALARM CONTROL PANEL.</p> <p>H⊖F FIRE ALARM MANUAL PULL STATION, +46" A.F.F. U.O.N. INTERFACE TO BASE BUILDING FIRE ALARM SYSTEM.</p> <p>H⊖SB ADA APPROVED STROBE LIGHT. MATCH BUILDING STANDARD. MOUNT BOTTOM OF DEVICE AT 80" A.F.F. INTERCONNECT TO BASE BUILDING FIRE ALARM SYSTEM. VERIFY CAPACITY OF POWER SUPPLY. PROVIDE NEW POWER SUPPLY AS REQUIRED.</p> <p>S ADA APPROVED STROBE LIGHT WITH SPEAKER. MATCH BUILDING STANDARD. MOUNT BOTTOM OF DEVICE AT 80" A.F.F. INTERCONNECT TO BASE BUILDING FIRE ALARM SYSTEM. VERIFY CAPACITY OF POWER SUPPLY. PROVIDE NEW POWER SUPPLY AS REQUIRED.</p>	<p>⊖ DISCONNECT SWITCH, FUSED.</p> <p>⊖ DISCONNECT SWITCH, NON-FUSED.</p> <p>⊖X COMBINATION STARTER, FUSED.</p> <p>⊖X COMBINATION STARTER, NON-FUSED.</p> <p>ST MANUAL MOTOR STARTER WITH THERMAL OVERLOAD.</p> <p>② ELECTRIC MOTOR, NEC, MAKE CONNECTIONS ONLY. NUMBER DENOTES CIRCUIT. (EXAMPLE: 2)</p> <p>⊖ PANELBOARD, SURFACE MOUNTED.</p> <p>⊖ PANELBOARD, RECESSED MOUNTED.</p> <p>→ CONDUIT HOMERUN, CONTINUOUS RUN TO PANEL OR EQUIPMENT CABINET.</p> <p>⊖G CROSSMARKS ON BRANCH CIRCUIT CONDUIT RUNS INDICATE THE QUANTITY OF CONDUCTORS, EXCEPT NO CROSSMARKS INDICATE TWO #12 AWG CONDUCTORS.</p> <p>LONG CROSSMARKS INDICATE PHASE CONDUCTORS AND SHORT CROSSMARKS WITHOUT DESIGNATION ARE NEUTRAL CONDUCTORS. SHORT CROSSMARKS WITH "G" ARE SEPARATE EQUIPMENT GROUNDING CONDUCTORS.</p> <p>ALL CONDUCTORS SHALL BE #12 AWG U.O.N.</p> <p>ALL PVC CONDUITS SHOULD HAVE SEPARATE GROUNDING CONDUCTOR.</p> <p>⊖ FLEXIBLE METALLIC CONDUIT.</p> <p>H⊖C EMERGENCY POWER OFF PUSHBUTTON WITH LIFT COVER +46" A.F.F. U.O.N.</p> <p>S⊖ SINGLE POLE TOGGLE OR MOMENTARY CONTACT SWITCH, +46" A.F.F. U.O.N. "a" INDICATES FIXTURES SWITCHED. ALSO USED IN LOW VOLTAGE SWITCHING TO CONTROL REMOTE CONTACTOR OR IN DIRECT LINE VOLTAGE SWITCHING.</p> <p>S3 THREE-WAY TOGGLE SWITCH, +46" A.F.F. U.O.N.</p> <p>S⊖ WALL BOX DIMMER SWITCH, +46" A.F.F. U.O.N.</p> <p>⊖ LED FIXTURE. LOWER CASE LETTER INDICATES CONTROLLING SWITCH, "a". UPPER CASE LETTER INDICATES FIXTURE TYPE, i.e. "B". NUMERICAL INDICATES PANEL CIRCUIT NUMBER, i.e. "3". SWITCH, FIXTURE TYPE, AND CIRCUIT NUMBERS ARE TYPICAL FOR ALL LIGHTING FIXTURES. WHERE TWO SWITCHING DESIGNATIONS ARE SHOWN CIRCUIT ONE LAMP OF TWO LAMP FIXTURES AND OUTER LAMPS OF 3 AND 4 LAMP FIXTURES TO THE FIRST SWITCHING DESIGNATION SHOWN. AND THE REMAINING LAMP(S) TO THE SECOND DESIGNATION SHOWN.</p> <p>⊖ LED FIXTURE.</p> <p>○ LED, INCANDESCENT, FLUORESCENT OR H. I. D. FIXTURE.</p> <p>⊖O LED, INCANDESCENT, FLUORESCENT OR H. I. D. FIXTURE, WALL MOUNTED.</p> <p>● LED, INCANDESCENT, FLUORESCENT OR H. I. D. SCENCE.</p> <p>○ LED, INCANDESCENT, FLUORESCENT OR H. I. D. WALL WASHER.</p> <p>⊖SF SINGLE FACE EXIT FIXTURE, CEILING OR WALL MOUNTED, PROVIDE DIRECTIONAL ARROW IF SHOWN. BRACKET DENOTES WALL MOUNTING. MOUNT FIXTURE FACE PARALLEL TO ADJACENT DOOR WHERE APPLICABLE.</p> <p>⊖DF DOUBLE FACE EXIT FIXTURE, CEILING OR WALL MOUNTED, PROVIDE DIRECTIONAL ARROWS AS SHOWN. BRACKET DENOTES WALL MOUNTING. MOUNT FIXTURE FACE PERPENDICULAR TO ADJACENT DOOR WHERE APPLICABLE.</p> <p>① NUMBERED NOTE: REFER TO SHEET CONTAINING NUMBERED NOTES.</p> <p>⊖H HEAT DETECTOR, INTERCONNECT TO BASE BUILDING FIRE ALARM SYSTEM.</p> <p>⊖SD SMOKE DETECTOR, INTERCONNECT TO BASE BUILDING FIRE ALARM SYSTEM.</p> <p>⊖S SOUND SYSTEM OR VOICE ALARM/PAGING SPEAKER. INTERFACE WITH FIRE ALARM SYSTEM.</p>
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ELECTRICAL GENERAL NOTES

- THE SPACE ALLOCATION SHOWN ON THE PLAN DRAWINGS ARE BASED ON ONLY ONE MANUFACTURER. THE CONTRACTOR SHALL VERIFY THAT THE PROPOSED SWITCHGEAR (INCLUDING SWITCHBOARDS, PANELBOARDS AND TRANSFORMERS) WILL SATISFY THE SPACE REQUIREMENTS SHOWN ON THE DRAWINGS.
- WHERE CEILING SPACE IS A RETURN AIR PLENUM, ALL WIRING IN CEILING SPACE MUST BE IN CONDUIT OR USE TEFLON JACKETED CABLE TO MEET RETURN AIR PLENUM REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR SURVEYING THE SITE TO DETERMINE ALL EXISTING CONDITIONS RELATED TO THE NEW CONSTRUCTION.
- SURFACE MOUNTED PANELS, DEVICES, AND RACEWAY WILL ONLY BE ALLOWED IN MECHANICAL AREAS.
- COMBINATION OF HOMERUN CIRCUITS SHALL BE AS FOLLOWS:
  - ALL CIRCUITS WITH SEPARATE HOMERUN ARROWS SHALL BE INSTALLED IN DEDICATED CONDUITS. DO NOT COMBINE WITH OTHER BRANCH CIRCUITS.
  - ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOMERUN TO PANEL.
  - A MAXIMUM OF SIX 20A BRANCH CIRCUIT PHASE CONDUCTORS IN COMMON HOMERUN.
  - MINIMUM BRANCH CIRCUIT CONDUCTOR SHALL BE #12AWG, THHN.
  - ALL 120V CIRCUITS SERVING NON-LIGHTING BRANCH CIRCUITS SHALL HAVE SEPARATE #12 AWG EQUIPMENT GROUNDING CONDUCTOR.
- ELECTRICAL CONTRACTOR TO COORDINATE THE MOUNTING HEIGHTS OF ALL COMMUNICATION OUTLETS AND RECEPTACLES WITH ARCHITECTURAL DETAILS.
- IN AREAS WHERE COMMUNICATION OUTLETS ARE INSTALLED IN WALLS THAT DO NOT GO UP TO THE CEILING OR IN WALLS OF ROOM WITH A GYPBOARD CEILING, CONTRACTOR SHALL INSTALL 3/4" CONDUIT FROM OUTLET TO ACCESSIBLE CEILING.
- ALL 120V BRANCH CIRCUITS GREATER THAN 100' SHALL BE #10 THHN, MINIMUM.
- CONTRACTOR SHALL INSTALL A PULL STRING IN ALL EMPTY CONDUITS.
- CONTRACTOR SHALL MAINTAIN MINIMUM SEPARATION OF 24" BETWEEN TELEPHONE CONDUIT AND PRIMARY CONDUIT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING STARTER TYPE, OVERLOAD SIZE, AND DISCONNECT SIZE FOR ALL MOTORS IN EACH AIR HANDLER UNIT ROOM WITH MECHANICAL CONTRACTOR.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL FLOOR DEVICES. LOCATIONS SHALL BE IN ACCORDANCE WITH ALL UNDERWRITERS LABORATORIES AND LOCAL AUTHORITY REQUIREMENTS. IN NO CASE SHALL FIRE RATED POKE-THROUGH DEVICES BE INSTALLED LESS THAN 24" ON CENTER AND/OR MORE THAN ONE (1) PENETRATION PER 65 SQUARE FEET OF FLOOR AREA OF BEAM SPACE.
- CONTRACTOR TO LOCATE ALL LIGHTING FIXTURES PER ARCHITECTURAL REFLECTED CEILING PLANS.
- ALL DEVICES IN ONE ROOM SHALL BE INSTALLED AT THE SAME HEIGHT. REFER TO SYMBOLS LIST FOR PREFERRED MOUNTING HEIGHTS OF DEVICES. MAXIMUM MOUNTING HEIGHT OF SWITCHES/OUTLETS SHALL BE 48". MAXIMUM MOUNTING HEIGHT OF RECEPTACLES/OUTLETS SHALL BE 18"; MINIMUM MOUNTING HEIGHT SHALL BE 14".

ELECTRICAL DEMOLITION NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING ELECTRICAL SERVICE TO ALL REMAINING AREAS OF THE FACILITY THROUGHOUT THE PROJECT EXCEPT DURING SCHEDULED SHUTDOWN TIMES. ANY SHUTDOWNS OF THE EXISTING FACILITY SHALL BE MUTUALLY AGREED UPON BY OWNER AND CONTRACTOR. CONTRACTOR SHALL GIVE OWNER MINIMUM OF TWO WEEKS NOTICE OF ANY SHUTDOWNS OF EXISTING FACILITY.
  - CONTRACTOR SHALL SURVEY THE SITE TO CONFIRM FIELD CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THESE CONDITIONS.
  - UNLESS OTHERWISE NOTED ALL EXISTING ELECTRICAL EQUIPMENT/DEVICES, FIRE ALARM EQUIPMENT/DEVICES, AND COMMUNICATIONS EQUIPMENT/DEVICES SHALL BE REMOVED. EQUIPMENT/DEVICES SHALL INCLUDED, BUT NOT BE LIMITED TO: SWITCH BOARDS, PANELBOARDS, FEEDERS, TRANSFORMERS, DISCONNECTS, ELECTRICAL OUTLETS, CONDUITS, JUNCTION BOXES, CONDUCTORS, LIGHT FIXTURES, FIRE ALARM CABLES, SMOKE DETECTORS, PULL STATIONS, HORNS, STROBES, COMMUNICATION CABLES, COMMUNICATION OUTLETS.
- ITEMS TO REMAIN SHALL INCLUDE:
- EXTERIOR "PERIOD" FIXTURES AND THEIR ASSOCIATED CONDUITS (REMOVE EXISTING EXTERIOR SURFACE MOUNTED HID FIXTURES AND SURFACE MOUNTED CONDUIT). CONTRACTOR SHALL PROVIDE A PULL STRING IN CONDUITS SERVING FIXTURES.
  - EXISTING UNDERGROUND, IN-SLAB, AND SERVICE ENTRANCE CONDUITS.
  - EXISTING COMMUNICATION (COPPER AND FIBER) SERVICE ENTRANCES.
- CONTRACTOR TO COORDINATE DEMOLITION WITH OWNER.
  - CONTRACTOR SHALL COORDINATE WITH THE OWNER AS TO DISPOSITION OF ANY EXISTING SALVAGEABLE ELECTRICAL DEVICES, LIGHT FIXTURES, OR ELECTRICAL EQUIPMENT.
  - CONTRACTOR SHOULD NOT START ANY OF THE DEMOLITION UNTIL ALL EQUIPMENT AND DEVICES ARE REMOVED THAT THE OWNER WANTS TO SALVAGE.
  - CONTRACTOR SHOULD NOT BEGIN REMOVAL OF ANY OF THE TELEPHONE, DATA OR FIRE ALARM SYSTEMS UNTIL:
    - OWNER HAS REMOVED TELEPHONE OR DATA DEVICES.
    - CONTRACTOR HAS COORDINATED WITH OWNER THE DISPOSITION OF ALL TELEPHONE, DATA AND FIRE ALARM EQUIPMENT.
  - REFER TO THE ARCHITECTURAL DEMOLITION PLANS AND DIVISION 1 SPECIFICATION FOR FURTHER INFORMATION.
  - CONTRACTOR COORDINATE THE REUSE OF ANY EXISTING OUTLET/SWITCH BOXES IN WALLS SCHEDULED TO REMAIN. REFER TO THE ARCHITECTURAL DEMOLITION DOCUMENTS. CONTRACTOR SHALL REMOVE BRANCH CIRCUIT WIRING TO NEAREST ACCESSIBLE JUNCTION BOX.
  - CONTRACTOR SHALL DIRECTLY SUPERVISE THE WORK FROM BEGINNING TO COMPLETION.
  - ALL EXISTING FLOOR OUTLETS SHALL BE REMOVED AND THE SLAB PENETRATION SHALL BE REPAIRED TO RESTORE ORIGINAL FIRE RESISTANCE AND STRUCTURAL INTEGRITY.



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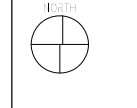
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VINITA CULTURAL DEVELOPMENT CENTER

PROJECT  
**CHEROKEE NATION, OKLAHOMA**

KEY PLAN

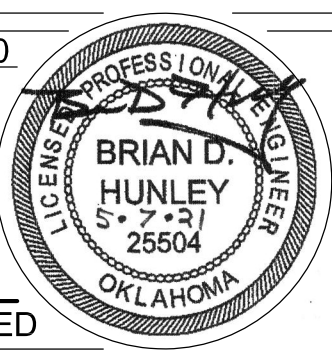


No.	Description	Date

SHEET TITLE  
**SYMBOLS LIST, GENERAL NOTES**

BID SET

PROJECT NO: 111-049 20  
DRAWN BY: RGO  
CHECKED BY: BOH  
ISSUE DATE: 5/7/2021



**E001**  
Scale AS NOTED



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VINITA CULTURAL DEVELOPMENT CENTER

PROJECT

CHEROKEE NATION, OKLAHOMA

KEY PLAN



No.	Description	Date

SHEET TITLE: Fixture Schedule and Wiring Diagrams

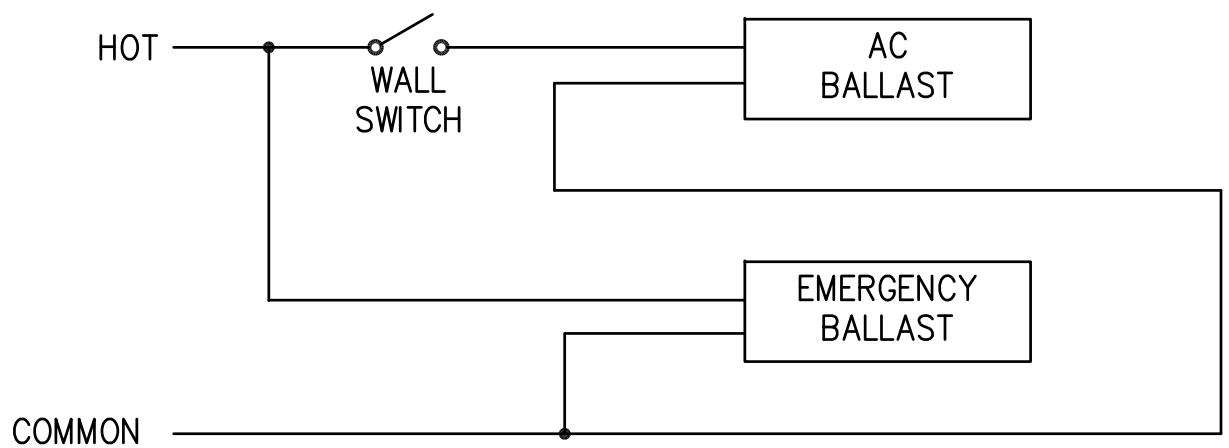
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PROJECT NO: 111-049-20  
DRAWN BY: JCP  
CHECKED BY: JCP/BDH  
ISSUE DATE: 5/7/2021



E002

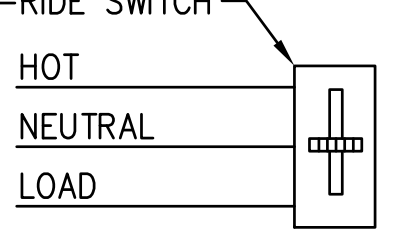
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### EMERGENCY BALLAST WIRING DIAGRAM

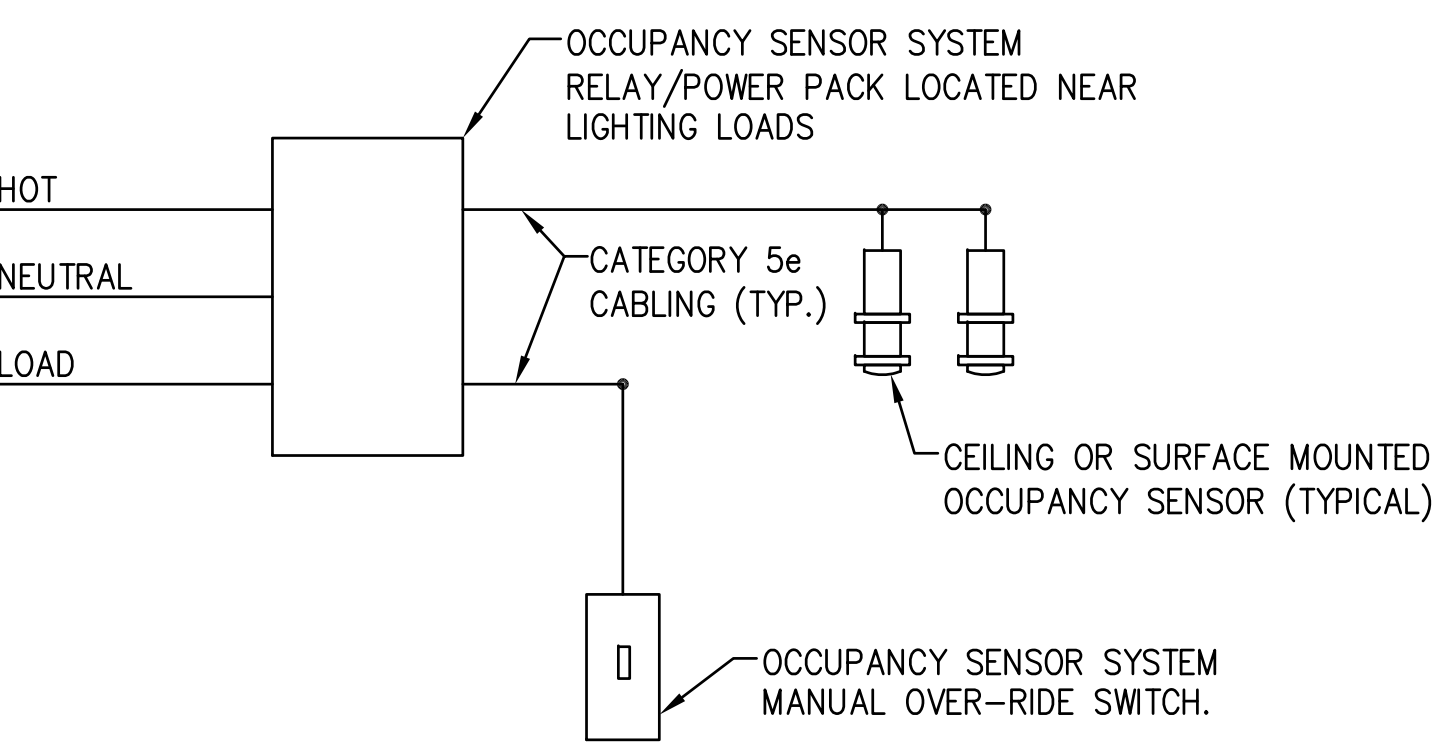
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WALL-MOUNTED COMBINATION OCCUPANCY SENSOR AND MANUAL OVER-RIDE SWITCH



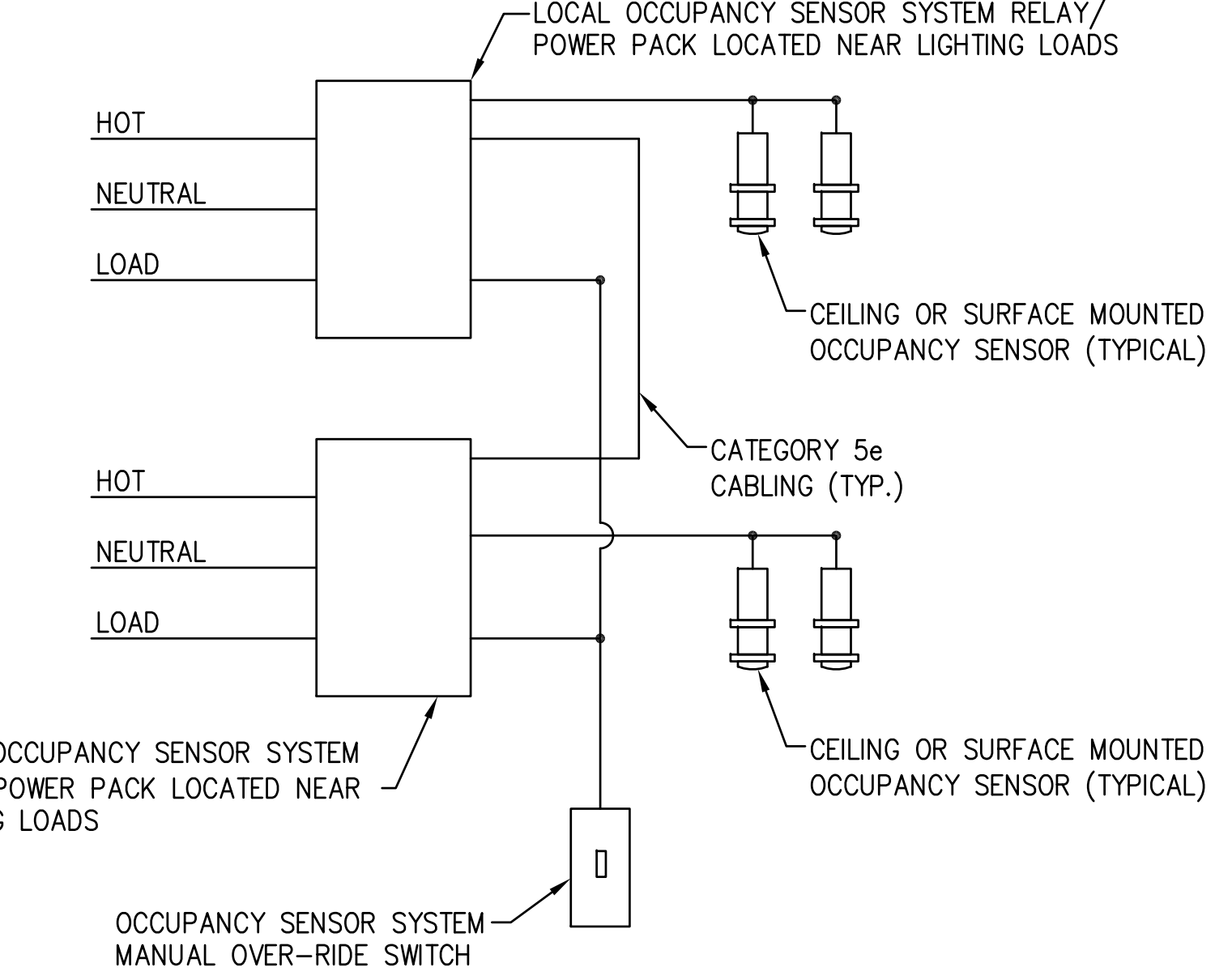
### TYPICAL OFFICE WALL MOUNTED OCCUPANCY SENSOR WIRING DIAGRAM

SCALE: NONE



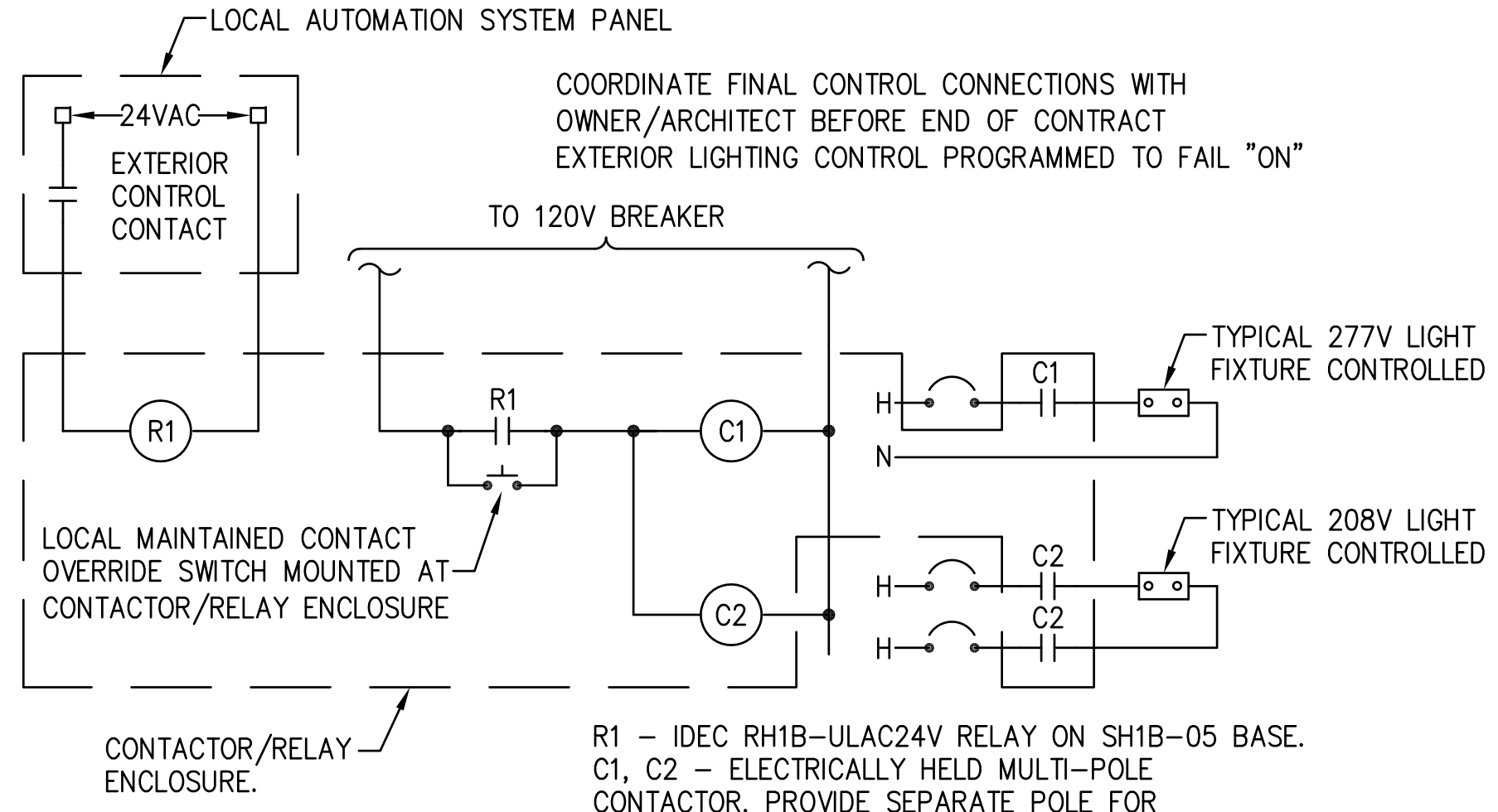
### TYPICAL LARGE OFFICE OR AREA OCCUPANCY SENSOR WIRING DIAGRAM

SCALE: NONE



### TYPICAL CORRIDOR/COMMON AREA OCCUPANCY SENSOR WIRING DIAGRAM

SCALE: NONE



### EXTERIOR LIGHTING CONTROL SCHEMATIC

SCALE: NONE

FIXTURE SCHEDULE				FIXTURE SCHEDULE			
TYPE	MANUFACTURER & CATALOG NUMBER	LAMP QUANTITY/TYPE MANUFACTURER	DESCRIPTION	TYPE	MANUFACTURER & CATALOG NUMBER	LAMP QUANTITY/TYPE MANUFACTURER	DESCRIPTION
A	DAY-BRITE FLUXGRID LED 2X4 2FGG-42B-840-DS-UNV-DIM  HE WILLIAMS LP-24-L50-840-DIM-UNV-LP24ZSL  OR EQUAL BY METALUX OR LITHONIA	LED FURNISHED WITH FIXTURE	2' X 4', RECESSED, LED DIRECT/INDIRECT TROFFER. PROVIDE WITH 4200 LUMENS, 4000K COLOR TEMPERATURE, INTEGRAL 0-10V DIMMING DRIVER AND 120V OPERATION. PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.  DIMMING DRIVER AND DIMMING CONTROL SHALL BE COMPATIBLE.	H	FOCAL POINT SEEM 4 SERIES  FSM4L-FL-625-40K-1C-UNV-XXVY OR EQUAL BE LEADLITE OR A LIGHT	LED FURNISHED WITH FIXTURE	4' RECESSED LINEAR LED STRIP FIXTURE. PROVIDE WITH 625 LUMENS PER FOOT, 4000K COLOR TEMPERATURE, INTEGRAL DIMMING DRIVER, 120V OPERATION. PROVIDE FIXTURES MARKED AS UNSW WITH INTEGRAL BATTERY BACKUP. VERIFY CEILING MOUNTING TYPE AND FINISH WITH ARCHITECT.  PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.
B	DAY-BRITE SURFACE LED 2X2 ZSML-30L-2-SA-02F-UNV-DIM  HE WILLIAMS LP-22-L50-840-DIM-UNV OR EQUAL BY METALUX OR LITHONIA	LED FURNISHED WITH FIXTURE	2' X 2', SURFACE MOUNT, LED DIRECT TROFFER. PROVIDE WITH 3000 LUMENS, 4000K COLOR TEMPERATURE, INTEGRAL 0-10V DIMMING DRIVER AND 120V OPERATION. PROVIDE FIXTURES MARKED AS 'UNSW' WITH INTEGRAL BATTERY BACKUP. PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.  DIMMING DRIVER AND DIMMING CONTROL SHALL BE COMPATIBLE.	J	KLUS FLEXIBLE LED STRIP K-40-1210-12V EXTRUSION MICRO -ALL	LED FURNISHED WITH FIXTURE	FLEXIBLE LED TAPE LIGHT IN ALUMINUM EXTRUSION. PROVIDE WITH 120 LM/FT, 4000K COLOR TEMPERATURE AND 0-10V DIMMING. COORDINATE EXACT FINISH AND LOCATION WITH ARCHITECT PRIOR TO ORDERING.  PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.
C	COOPER LIGHTING PORTFOLIO 6" SERIES  LD6B-30-D010-EU6B-3050-80-40  OR EQUAL BY HALO OR GOTHAM	LED FURNISHED WITH FIXTURE	6" RECESSED ROUND LED DOWNLIGHT. PROVIDE WITH 3000 LUMENS, 4000K COLOR TEMPERATURE, INTEGRAL 0-10V 1% DIMMING DRIVER AND 120V OPERATION. PROVIDE WITH DIFFUSE REFLECTOR AND WHITE FLANGE TRIM EXCEPT WHERE INSTALLED IN WOOD CEILINGS PROVIDE DARK BRONZE FLANGE TRIM. PROVIDE FIXTURES MARKED AS 'UNSW' WITH INTEGRAL BATTERY BACKUP.  PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.  DIMMING DRIVER AND DIMMING CONTROL SHALL BE COMPATIBLE.	K	DAYBRITE FLEXSTREAM SERIES FSS-6-50L-840-UNV-DIM  OR EQUAL BY METALUX OR LITHONIA	LED FURNISHED WITH FIXTURE	6" LINEAR LED STRIP FIXTURE. PROVIDE WITH 3000 LUMENS, 4000K COLOR TEMPERATURE AND 120V OPERATION. PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.
D	COOPER LIGHTING HALO SERIES  HL618TAT-HLM6940-HL6FL-455SC-456W  OR EQUAL BY HALO OR GOTHAM	LED FURNISHED WITH FIXTURE	6" RECESSED ROUND SLOPE CEILING LED DOWNLIGHT. PROVIDE WITH 2200 LUMENS, 4000K COLOR TEMPERATURE, INTEGRAL 0-10V 1% DIMMING DRIVER AND 120V OPERATION. PROVIDE WITH DIFFUSE REFLECTOR AND WHITE FLANGE TRIM EXCEPT WHERE INSTALLED IN WOOD CEILINGS PROVIDE DARK BRONZE FLANGE TRIM. PROVIDE FIXTURES MARKED AS 'UNSW' WITH INTEGRAL BATTERY BACKUP.  PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.  DIMMING DRIVER AND DIMMING CONTROL SHALL BE COMPATIBLE.	L	COOPER LIGHTING PORTFOLIO SERIES LER6B-15-D010-MB OR EQUAL BY METALUX OR LITHONIA	LED FURNISHED WITH FIXTURE	6" SURFACE MOUNT ROUND LED CYLINDER LIGHT. PROVIDE WITH 1500 LUMENS, 4000K COLOR TEMPERATURE, INTEGRAL 0-10V 1% DIMMING DRIVER AND 120V OPERATION. PROVIDE WITH DIFFUSE REFLECTOR AND WHITE FLANGE TRIM EXCEPT WHERE INSTALLED IN WOOD CEILINGS PROVIDE DARK BRONZE FLANGE TRIM. PROVIDE FIXTURES MARKED AS 'UNSW' WITH INTEGRAL BATTERY BACKUP. PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.  DIMMING DRIVER AND DIMMING CONTROL SHALL BE COMPATIBLE.
E	CHLORIDE 45V SERIES ER45XL-1/2-GM-XX  MULE LIGHTING CEL-1/2-B-GC/GM-X-U-SD  OR EQUAL BY SURE-LITES OR LITHONIA	LED FURNISHED WITH FIXTURE	LED EXIT SIGN LIGHT. PROVIDE WITH GREEN LETTERS, UNIVERSAL MOUNTING, EMERGENCY BATTERY BACK-UP WITH SELF-DIAGNOSTIC TESTING AND 120V OPERATION. PROVIDE SINGLE OR DOUBLE FACE AND DIRECTIONAL ARROWS AS SHOWN.	M	SPECTRUM C0618UDXT-20L-XN-20L-XN-40K-DS2W1-WL-TCY-SO-WM3-MB OR ARCHITECT/ENGINEER APPROVED EQUAL	LED FURNISHED WITH FIXTURE	6" DIAMETER BY 18" TALL EXTERIOR SURFACE MOUNTED LED WALL UP/DOWN CYLINDER FIXTURE. PROVIDE WITH 2000 LUMENS UP AND 2000 LUMENS DOWN, 4000K COLOR TEMPERATURE, INTEGRAL DIMMING DRIVER, 120V OPERATION AND MATTE BLACK FINISH. MOUNT BOTTOM OF FIXTURE AT 12'-10" AFG. COORDINATE EXACT MOUNTING WITH ARCHITECTURAL. VERIFY FINISH WITH ARCHITECT PRIOR TO ORDERING. PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.
F	CORONET MAGENTO SERIES MAG-SPT-MED-40-LTG1-BLK-FL OR EQUAL BY IGUZZINI OR JUNO	LED FURNISHED WITH FIXTURE	2.75" LED CYLINDER TRACK HEAD WITH COMPATIBLE TRACK. PROVIDE WITH 340 LUMENS, 4000K COLOR TEMPERATURE, INTEGRAL 0-10V DIMMING DRIVER AND 120V OPERATION.  PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.	N		LED FURNISHED WITH FIXTURE	SIMILAR TO TYPE C BUT PROVIDE WITH WET LOCATION LISTING.
G	FOCAL POINT SEEM 4 SERIES  FSM4L-FL-375-40K-1C-UNV-XXVY OR EQUAL BE LEADLITE OR A LIGHT	LED FURNISHED WITH FIXTURE	4' RECESSED LINEAR LED STRIP FIXTURE. PROVIDE WITH 375 LUMENS PER FOOT, 4000K COLOR TEMPERATURE, INTEGRAL DIMMING DRIVER, 120V OPERATION. PROVIDE FIXTURES MARKED AS UNSW WITH INTEGRAL BATTERY BACKUP. VERIFY CEILING MOUNTING TYPE AND FINISH WITH ARCHITECT.  PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.	P	MCGRAW-EDISON GLEON-SA1-B-830-U-T3-BK  OR EQUAL BY MCGRAW-EDISON OR PHILLIPS	LED FURNISHED WITH FIXTURE	POLE MOUNTED LED FIXTURE. ASSEMBLY WITH 20'-0" POLE AND TYPE III DISTRIBUTION. FURNISH WITH 120V OPERATION AND BLACK FINISH.  PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.
				R	HADCO WAMLID C3-A-XXV	LED FURNISHED WITH FIXTURE	LED FLOODLIGHT. FULLY-ADJUSTABLE SWIVEL ARM WITH VIBRATION PROOF LOCKING TEETH. PROVIDE WITH 4000K COLOR TEMPERATURE AND CLEAR TEMPERED LENS.
				S	COOPER LIGHTING PORTFOLIO SERIES LSRWM2B-05-25-80-40 OR EQUAL BY METALUX OR LITHONIA	LED FURNISHED WITH FIXTURE	2" WALL MOUNT ROUND LED CYLINDER LIGHT. PROVIDE WITH 500 LUMENS, 4000K COLOR TEMPERATURE, INTEGRAL 0-10V 1% DIMMING DRIVER AND 120V OPERATION. VERIFY FINISH WITH ARCHITECT. PROVIDE DOCUMENTATION FROM FIXTURE MANUFACTURER FOR THE FIELD REPLACEABLE LED LAMPS OR LED LAMP MODULES FOR FUTURE LED LAMP REPLACEMENT.  PROVIDE FIVE (5) YEAR MINIMUM COMPLETE MATERIALS AND LABOR REPLACEMENT WARRANTY FOR LIGHT FIXTURE.











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VINITA CULTURAL DEVELOPMENT CENTER

- G. DIMENSIONS AND CONFIGURATIONS SHALL CONFORM TO THE SPACES DESIGNATED FOR THEIR INSTALLATIONS.
H. THE NEUTRAL BUS SHALL BE SIZED AND CONFIGURED FOR A MINIMUM CAPACITY OF 200% OF THE FULL LOAD CURRENT.
I. FULL CAPACITY TAPS SHALL BE PROVIDED ON THE PRIMARY SIDE OF THE TRANSFORMER HAVING TWO 2.5% ABOVE NORMAL AND FOUR 2.5% BELOW NORMAL.
J. TRANSFORMER SHALL BE UL LISTED FOR THE REQUIRED K RATING.
K. TRANSFORMER SHALL INCORPORATE AN ELECTROSTATIC SHIELD GROUNDED TO THE TRANSFORMER CORE FOR ATTENUATION OF SPIKES, LINE NOISE AND TRANSIENTS.
L. USE PEABODY ISOLATION HANGERS MODEL SFH AT ALL-THREADS FOR SUSPENDED TRANSFORMERS WITH PEABODY MODEL NGD ISOLATION PADS BETWEEN TRANSFORMER AND ITS SUPPORTING STRUCTURE. USE PEABODY MODEL RD ISOLATION PADS FOR FLOOR MOUNTED TRANSFORMERS.
M. MANUFACTURER: CUTLER-HAMMER/WESTINGHOUSE, SQUARE D, GENERAL ELECTRIC, CHALLENGER, OLSUN OR ITE SIEMENS.

SECTION 260923
LIGHTING CONTROL DEVICES

PART 1 - PRODUCTS

1.1 MANUFACTURERS

- A. IN OTHER PART 2 ARTICLES WHERE TITLES BELOW INTRODUCE LISTS, THE FOLLOWING REQUIREMENTS APPLY TO PRODUCT SELECTION:

- 1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE MANUFACTURERS SPECIFIED.

1.2 INDOOR OCCUPANCY SENSORS

A. MANUFACTURERS:

- 1. WATT STOPPER (THE).
2. LUTRON

B. MANUFACTURER PRODUCT SERIES:

- 1. WATT STOPPER (THE) DIGITAL LIGHTING MANAGEMENT (DLM) SYSTEM.
a. PROVIDE INDEPENDENT AND NON-NETWORKED OCCUPANCY SENSOR SYSTEM(S) UTILIZING DLM COMPONENTS TO ALLOW FOR FUTURE NETWORKED INTEGRATION FOR OCCUPANCY SENSOR SYSTEM(S).
b. THE DLM COMPONENTS SHALL ONLY BE UTILIZED FOR CEILING MOUNTING OCCUPANCY SENSORS AND SYSTEM(S) INDICATED ON THE DRAWINGS.
c. NETWORK BRIDGES, ADDITIONAL CATEGORY CABLING AND OTHER NETWORKING TYPE COMPONENTS SHALL NOT BE REQUIRED.
2. LUTRON MAESTRO OCCUPANCY SENSING SWITCH.
a. PROVIDE LUTRON MODEL #MS-OPS6M2-DV-XX DEVICES FOR ALL WALL-MOUNTED COMBINATION OCCUPANCY SENSOR AND MANUAL OVER-RIDE CONTROL STATIONS (EXAMPLE: OFFICES AND STORAGE ROOMS WITH \$05 SYMBOLOLOGY).

C. GENERAL DESCRIPTION: WALL- OR CEILING-MOUNTING, SOLID-STATE UNITS WITH A SEPARATE RELAY UNIT.

- 1. OPERATION: UNLESS OTHERWISE INDICATED, TURN LIGHTS ON WHEN COVERED AREA IS OCCUPIED AND OFF WHEN UNOCCUPIED; WITH A TIME DELAY FOR TURNING LIGHTS OFF, ADJUSTABLE OVER A MINIMUM RANGE OF 1 TO 15 MINUTES.
2. SENSOR OUTPUT: CONTACTS RATED TO OPERATE THE CONNECTED RELAY, COMPLYING WITH UL 773A. SENSOR SHALL BE POWERED FROM THE RELAY UNIT.
3. RELAY UNIT: DRY CONTACTS RATED FOR 20-A BALLAST LOAD AT 120- AND 277-V AC, FOR 13-A TUNGSTEN AT 120-V AC, AND FOR 1 HP AT 120-V AC. POWER SUPPLY TO SENSOR SHALL BE 24-V DC, 150-MA, CLASS 2 POWER SOURCE AS DEFINED BY NFPA 70.
4. MOUNTING:
a. SENSOR: SUITABLE FOR MOUNTING IN ANY POSITION ON A STANDARD OUTLET BOX.
b. RELAY: EXTERNALLY MOUNTED THROUGH A 1/2-INCH KNOCKOUT IN A STANDARD ELECTRICAL ENCLOSURE.
c. TIME-DELAY AND SENSITIVITY ADJUSTMENTS: RECESSED AND CONCEALED BEHIND HINGED DOOR.
5. INDICATOR: LED, TO SHOW WHEN MOTION IS BEING DETECTED DURING TESTING AND NORMAL OPERATION OF THE SENSOR.
6. BYPASS SWITCH: OVERRIDE THE ON FUNCTION IN CASE OF SENSOR FAILURE.
7. AUTOMATIC LIGHT-LEVEL SENSOR: ADJUSTABLE FROM 2 TO 200 FC; KEEPS LIGHTING OFF WHEN SELECTED LIGHTING LEVEL IS PRESENT.

- D. PIR TYPE: CEILING MOUNTING; DETECT OCCUPANCY BY SENSING A COMBINATION OF HEAT AND MOVEMENT IN AREA OF COVERAGE.
1. DETECTOR SENSITIVITY: DETECT OCCURRENCES OF 6-INCH MINIMUM MOVEMENT OF ANY PORTION OF A HUMAN BODY THAT PRESENTS A TARGET OF AT LEAST 36 SQ. IN.
2. DETECTION COVERAGE (ROOM): DETECT OCCUPANCY ANYWHERE IN A CIRCULAR AREA OF 1000 SQ. FT. WHEN MOUNTED ON A 96-INCH- HIGH CEILING.
3. DETECTION COVERAGE (CORRIDOR): DETECT OCCUPANCY WITHIN 90 FEET WHEN MOUNTED ON A 10-FOOT- HIGH CEILING.
4. PIR TYPE OCCUPANCY SENSORS SHALL BE USED IN ALL OFFICES, CLASSROOMS, MEETING ROOMS, STORAGE ROOMS, BREAKROOMS, CORRIDORS, LOBBIES AND OTHER PUBLIC AREAS, EXCLUDING RESTROOMS.
E. ULTRASONIC TYPE: CEILING MOUNTING; DETECT OCCUPANCY BY SENSING A CHANGE IN PATTERN OF REFLECTED ULTRASONIC ENERGY IN AREA OF COVERAGE.
1. DETECTOR SENSITIVITY: DETECT A PERSON OF AVERAGE SIZE AND WEIGHT MOVING AT LEAST 12 INCHES IN EITHER A HORIZONTAL OR A VERTICAL MANNER AT AN APPROXIMATE SPEED OF 12 INCHES/S.
2. DETECTION COVERAGE (SMALL ROOM): DETECT OCCUPANCY ANYWHERE WITHIN A CIRCULAR AREA OF 600 SQ. FT. WHEN MOUNTED ON A 96-INCH- HIGH CEILING.
3. DETECTION COVERAGE (STANDARD ROOM): DETECT OCCUPANCY ANYWHERE WITHIN A CIRCULAR AREA OF 1000 SQ. FT. WHEN MOUNTED ON AN 8-FOOT- HIGH CEILING.
4. DETECTION COVERAGE (LARGE ROOM): DETECT OCCUPANCY ANYWHERE WITHIN A CIRCULAR AREA OF 2000 SQ. FT. WHEN MOUNTED ON A 96-INCH- HIGH CEILING.
5. DETECTION COVERAGE (CORRIDOR): DETECT OCCUPANCY ANYWHERE WITHIN 90 FEET WHEN MOUNTED ON A 10-FOOT- HIGH CEILING IN A CORRIDOR NOT WIDER THAN 14 FEET.
6. ULTRASONIC TYPE OR DUAL-TECHNOLOGY TYPE OCCUPANCY SENSORS SHALL ONLY BE INSTALLED IN RESTROOMS.

CHEROKEE NATION, OKLAHOMA

KEY PLAN



Table with 3 columns: No., Description, Date

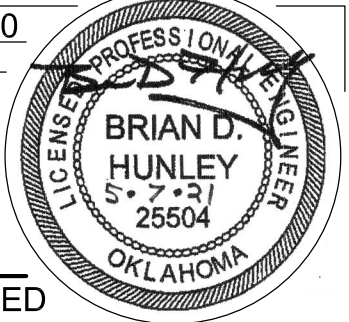
ELECTRICAL SPECIFICATIONS

BID SET

PROJECT NO: 111-049-20
DRAWN BY: RGS
CHECKED BY: BOH
ISSUE DATE: 5/7/2021

E005

Scale AS NOTED



**ELECTRICAL NUMBERED NOTES**

1. EXISTING LIGHTING IN THIS AREA TO BE REMOVED. COORDINATE EXACT AREA OF DEMOLITION WITH ARCHITECT.
2. EXISTING LIGHTING IN THIS AREA TO REMAIN.
3. EXISTING WALL MOUNTED FIXTURE TO BE REMOVED. PRESERVE EXISTING JUNCTION BOX AND CIRCUIT FOR OWNER PROVIDE WALL MOUNT FIXTURE. COORDINATE ELECTRICAL REQUIREMENTS WITH OWNER.
4. PROVIDE JUNCTION BOX FOR ELECTRICAL SERVICE TO OWNER PROVIDED CUSTOM LIGHT FIXTURE. COORDINATE EXACT LOCATION, MOUNTING AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND OWNER. CIRCUIT AS INDICATED.
5. PROVIDE ELECTRICAL AND COMMUNICATIONS CONCRETE POUR-IN FLOOR BOX SERVICE FITTING, HUBBELL MODEL #CFB2G30CR TWO-GANG STAMPED STEEL FLOOR BOX. FURNISH WITH CFBS1R6CVR ROUND COVER AND ONE (1) MODEL #FBMPDUP INTERNAL DUPLEX RECEPTACLE BRACKET WITH RECEPTACLE DEVICE FOR POWER. VERIFY EXACT TYPE AND FINISH OF FLOOR BOX COVER PLATE WITH ARCHITECT PRIOR TO ORDERING. COLOR OF RECEPTACLE DEVICE SHALL BE BLACK COORDINATE EXACT LOCATION OF FLOOR BOX SERVICE FITTING WITH ARCHITECT/OWNER AND FINAL FURNITURE LOCATION. CONNECT TO EXISTING 120V PANEL FEEDING THIS AREA. PROVIDE ONE (1) 1" CONDUIT FROM FLOORBOX TO GROUND FLOOR DATA CLOSET. VERIFY LOCATION OF DATA CLOSET AND EXACT CONDUIT ROUTING WITH OWNER.
6. RECESSED TYPE DUPLEX RECEPTACLE, COMBINATION RECESSED TYPE DATA OUTLET WITH CATV OUTLET DEDICATED FOR WALL MOUNTED FLATSCREEN TELEVISION MONITOR. PROVIDE LEGRAND #TV2MW (ARLINGTON #TVBSS05) OR OTHER ENGINEER APPROVED EQUAL RECESSED TYPE OUTLET BOX(ES) FOR POWER AND STRUCTURED WIRING. MOUNT DEVICES AT 78" A.F.F. UNLESS NOTED OTHERWISE, VERIFY EXACT MOUNTING REQUIREMENTS AND LOCATION WITH ARCHITECT, OWNER AND TV MOUNTING HARDWARE PRIOR TO INSTALLATION. IT SHALL BE ACCEPTABLE TO HAVE COMBINATION POWER AND COMMUNICATIONS RECESSED TYPE OUTLET BOX WITH SEPARATE COMPARTMENTS.
7. CONNECT EXHAUST FAN TO EXISTING SWITCHED LIGHTING CIRCUIT IN THIS AREA.
8. PROVIDE DISCONNECT FOR ELECTRICAL SERVICE TO NEW MINISPLIT UNIT MCU-1. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT. PROVIDE ONE(1) 60A, 2-POLE CIRCUIT BREAKER INTO EXISTING PANEL FEEDING THIS AREA. BRANCH CIRCUIT SHALL BE 3#6, 1#10GND, 1" C.
9. PROVIDE NEW DISCONNECT FOR ELECTRICAL SERVICE TO NEW CONDENSING UNIT. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT. CONNECT TO EXISTING CIRCUIT FEEDING EXISTING CONDENSING UNIT BEING REPLACED.
10. PROVIDE DISCONNECT FOR ELECTRICAL SERVICE TO FURNACE. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT. CONNECT TO EXISTING CIRCUIT FEEDING EXISTING FURNACE BEING REPLACED.
11. PROVIDE DISCONNECT FOR ELECTRICAL SERVICE TO FURNACE F-9. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT. PROVIDE ONE(1) 20A, 1-POLE CIRCUIT BREAKER INTO EXISTING PANEL FEEDING THIS AREA. BRANCH CIRCUIT SHALL BE 2#10, 1#10GND, 3/4" C.
12. PROVIDE JUNCTION BOX FOR NEW EXHAUST FAN KEF-1 MOUNTED ON ROOF, VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT. PROVIDE ONE(1) 20A, 2-POLE CIRCUIT BREAKER INTO EXISTING PANEL FEEDING THIS AREA. BRANCH CIRCUIT SHALL BE 3#10, 1#10GND, 3/4" C.
13. PROVIDE NEW LIGHTING CONTROL RELAY PANEL WITH ASTRONOMIC TIME CLOCK FOR CONTROL OF EXTERIOR LIGHTING CIRCUITS. PROVIDE ONE (1) RELAY FOR CONTROL OF EACH EXTERIOR LIGHTING CIRCUIT.
14. PROVIDE STAINLESS STEEL DISCONNECT FOR DISHWASHER. CONTRACTOR IS RESPONSIBLE FOR ALL ELECTRICAL CONNECTIONS, INCLUDING BUT NOT LIMITED TO CORD CONNECTION TO EQUIPMENT AND CODE REQUIRED NEUTRAL/GROUND CONNECTIONS. BRANCH CIRCUIT SHALL BE 2 #10, 1 #10 GND., 1/2" C.
15. DUPLEX RECEPTACLE FOR REFRIGERATED DISPLAY CASE. COORDINATE EXACT LOCATION OF DEVICE WITH ARCHITECT AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
16. DUPLEX RECEPTACLE FOR UNDERCOUNTER REFRIGERATED. COORDINATE EXACT LOCATION OF DEVICE WITH ARCHITECT AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION
17. RECEPTACLE FOR COFFEE MAKER. COORDINATE NEMA CONFIGURATION AND LOCATION WITH EQUIPMENT SUPPLIER PRIOR TO INSTALLATION. BRANCH CIRCUIT SHALL BE 2 #10, 1 #10 GND., 1/2" C.
18. DUPLEX RECEPTACLE FOR ICE MAKER. COORDINATE EXACT LOCATION OF DEVICE WITH ARCHITECT AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
19. DUPLEX RECEPTACLE FOR GAS RANGE STARTER. COORDINATE EXACT LOCATION OF DEVICE WITH ARCHITECT AND EQUIPMENT SUPPLIER PRIOR TO INSTALLATION.
20. PROVIDE ONE (1) NEW DEDICATED DUPLEX RECEPTACLE AND ONE (1) DUAL DATA OUTLET MOUNTED IN COUNTER FOR P.O.S., COORDINATE EXACT LOCATION AND MOUNTING WITH ARCHITECT PRIOR TO INSTALLATION. ROUTE CONDUIT INSIDE COUNTER TO EXISTING BOX ON WEST WALL, SUPPORT ACCORDINLY. BRANCH CIRCUIT SHALL BE 2#12, 1#12GND., 1/2" C. PROVIDE SURFACE MOUNTED WIREWAY AND JUNCTION BOX ON WEST WALL TO ACCESSABLE CEILING FOR COMMUNICATIONS/DATA CABLES. SIZE ACCORDINLY.
21. PROVIDE DISCONNECT FOR ELECTRICAL SERVICE TO NEW MAKE UP AIR UNIT MAU-1 FAN. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT. PROVIDE ONE(1) 20A, 2-POLE CIRCUIT BREAKER INTO EXISTING PANEL FEEDING THIS AREA. BRANCH CIRCUIT SHALL BE 3#10, 1#10GND, 3/4" C.
22. PROVIDE JUNCTION BOX FOR ELECTRICAL SERVICE TO NEW KITCHEN HOOD. VERIFY EXACT LOCATION WITH EQUIPMENT. CONTRACTOR TO PROVIDE ALL NECESSARY BOXES AND CONDUIT REQUIRED BY HOOD MANUFACTURER. VERIFY REQUIREMENTS WITH EQUIPMENT. PROVIDE OR RE-USE ONE(1) 20A, 1-POLE CIRCUIT BREAKER IN EXISTING PANEL FEEDING THIS AREA. BRANCH CIRCUIT SHALL BE 2#10, 1#10GND, 3/4" C.
23. PROVIDE DISCONNECT FOR ELECTRICAL SERVICE TO NEW MAKE UP AIR UNIT MAU-1 CONDENSER. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT. PROVIDE ONE(1) 20A, 2-POLE CIRCUIT BREAKER INTO EXISTING PANEL FEEDING THIS AREA. BRANCH CIRCUIT SHALL BE 3#10, 1#10GND, 3/4" C.
24. PROVIDE TWO JUNCTION BOXES FOR SENSOR AND SOLENOID FOR EACH WATER CLOSET/URINAL/LAVATORY UNIT. COORDINATE EXACT MOUNTING LOCATION AND HEIGHT WITH EQUIPMENT SUPPLIER/MANUFACTURER PRIOR TO INSTALLATION.
25. TRANSFORMER FOR WATER CLOSET/URINAL/LAVATORY UNIT. CIRCUIT NUMBER INDICATED. COORDINATE LOCATION AND MOUNTING WITH EQUIPMENT SUPPLIER/MANUFACTURER PRIOR TO INSTALLATION.
26. PROVIDE DISCONNECT FOR NEW CONDENSING UNIT CU-9. VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS WITH EQUIPMENT. PROVIDE ONE(1) 20A, 3-POLE CIRCUIT BREAKER INTO EXISTING GENERAL PURPOSE PANEL FEEDING THIS AREA. BRANCH CIRCUIT SHALL BE 4#12, 1#12 GND, 1" C.



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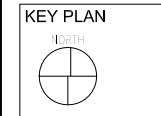
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 Tulsa, Oklahoma 74119  
 918.576.6700

VINITA CULTURAL DEVELOPMENT CENTER

**PROJECT**  
 CHEROKEE NATION,  
 OKLAHOMA

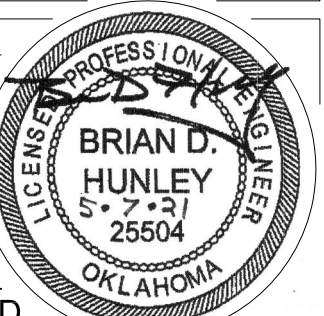


No.	Description	Date

**SHEET TITLE**  
 ELECTRICAL  
 NUMBERED  
 NOTES

**BID SET**

**PROJECT NO:** 111-049.20  
**OWNER BY:** RGS  
**CHKD BY:** BOH  
**ISSUE DATE:** 5/7/2021



**E006**  
 Scale AS NOTED

4/29/2021 8:15:14 PM





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VINITA CULTURAL DEVELOPMENT CENTER

**PROJECT**  
CHEROKEE NATION, OKLAHOMA

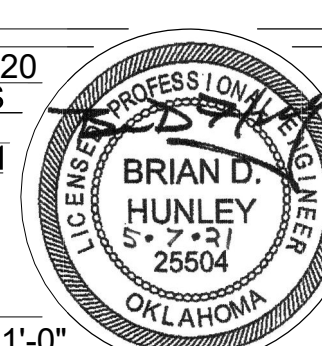
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No.	Description	Date

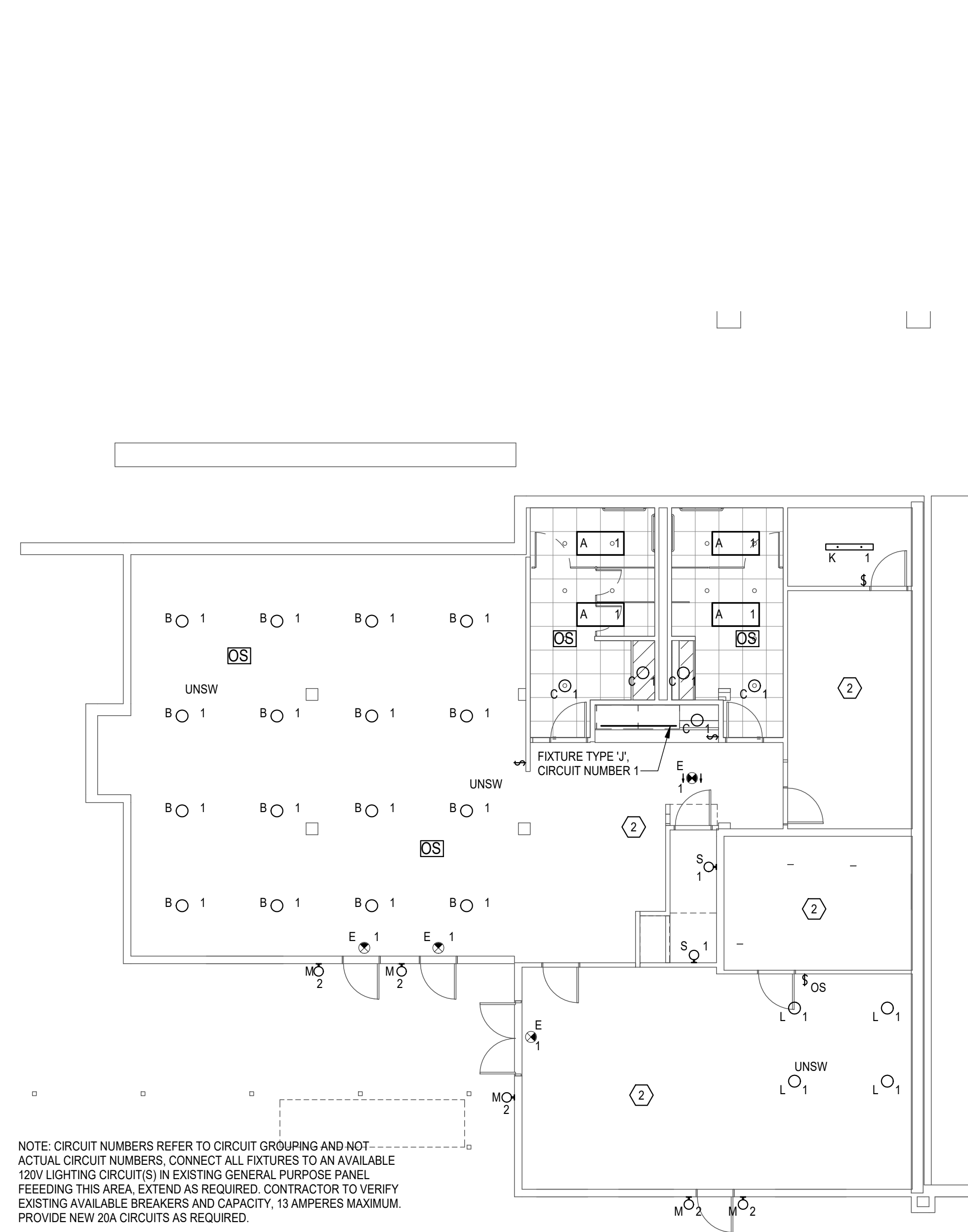
**SHEET TITLE**  
LIGHTING PLAN

**BID SET**

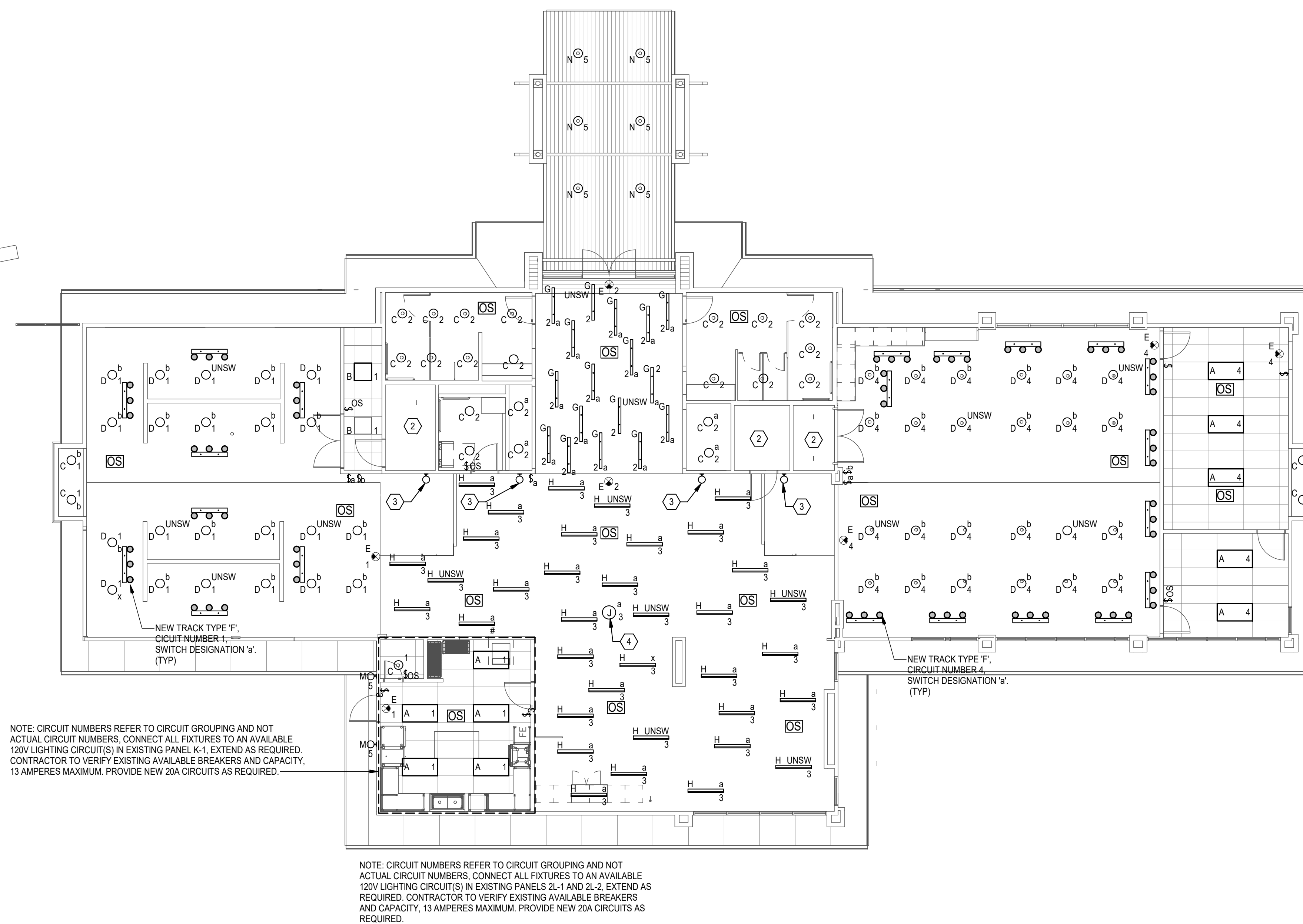
PROJECT NO: 111-049-20  
DRAWN BY: RJS  
CHKD BY: BDH  
ISSUE DATE: 5/7/2021



**E101**  
Scale 1/8" = 1'-0"



LOWER LEVEL LIGHTING PLAN - NEW  
1/8" = 1'-0" E101



UPPER LEVEL LIGHTING PLAN - NEW  
1/8" = 1'-0" E101

NOTE: CIRCUIT NUMBERS REFER TO CIRCUIT GROUPING AND NOT ACTUAL CIRCUIT NUMBERS. CONNECT ALL FIXTURES TO AN AVAILABLE 120V LIGHTING CIRCUIT(S) IN EXISTING GENERAL PURPOSE PANEL FEEDING THIS AREA, EXTEND AS REQUIRED. CONTRACTOR TO VERIFY EXISTING AVAILABLE BREAKERS AND CAPACITY. 15 AMPERES MAXIMUM. PROVIDE NEW 20A CIRCUITS AS REQUIRED.

NOTE: CIRCUIT NUMBERS REFER TO CIRCUIT GROUPING AND NOT ACTUAL CIRCUIT NUMBERS. CONNECT ALL FIXTURES TO AN AVAILABLE 120V LIGHTING CIRCUIT(S) IN EXISTING PANEL K-1. EXTEND AS REQUIRED. CONTRACTOR TO VERIFY EXISTING AVAILABLE BREAKERS AND CAPACITY. 15 AMPERES MAXIMUM. PROVIDE NEW 20A CIRCUITS AS REQUIRED.

NOTE: CIRCUIT NUMBERS REFER TO CIRCUIT GROUPING AND NOT ACTUAL CIRCUIT NUMBERS. CONNECT ALL FIXTURES TO AN AVAILABLE 120V LIGHTING CIRCUIT(S) IN EXISTING PANELS 2-1 AND 2-2. EXTEND AS REQUIRED. CONTRACTOR TO VERIFY EXISTING AVAILABLE BREAKERS AND CAPACITY. 15 AMPERES MAXIMUM. PROVIDE NEW 20A CIRCUITS AS REQUIRED.





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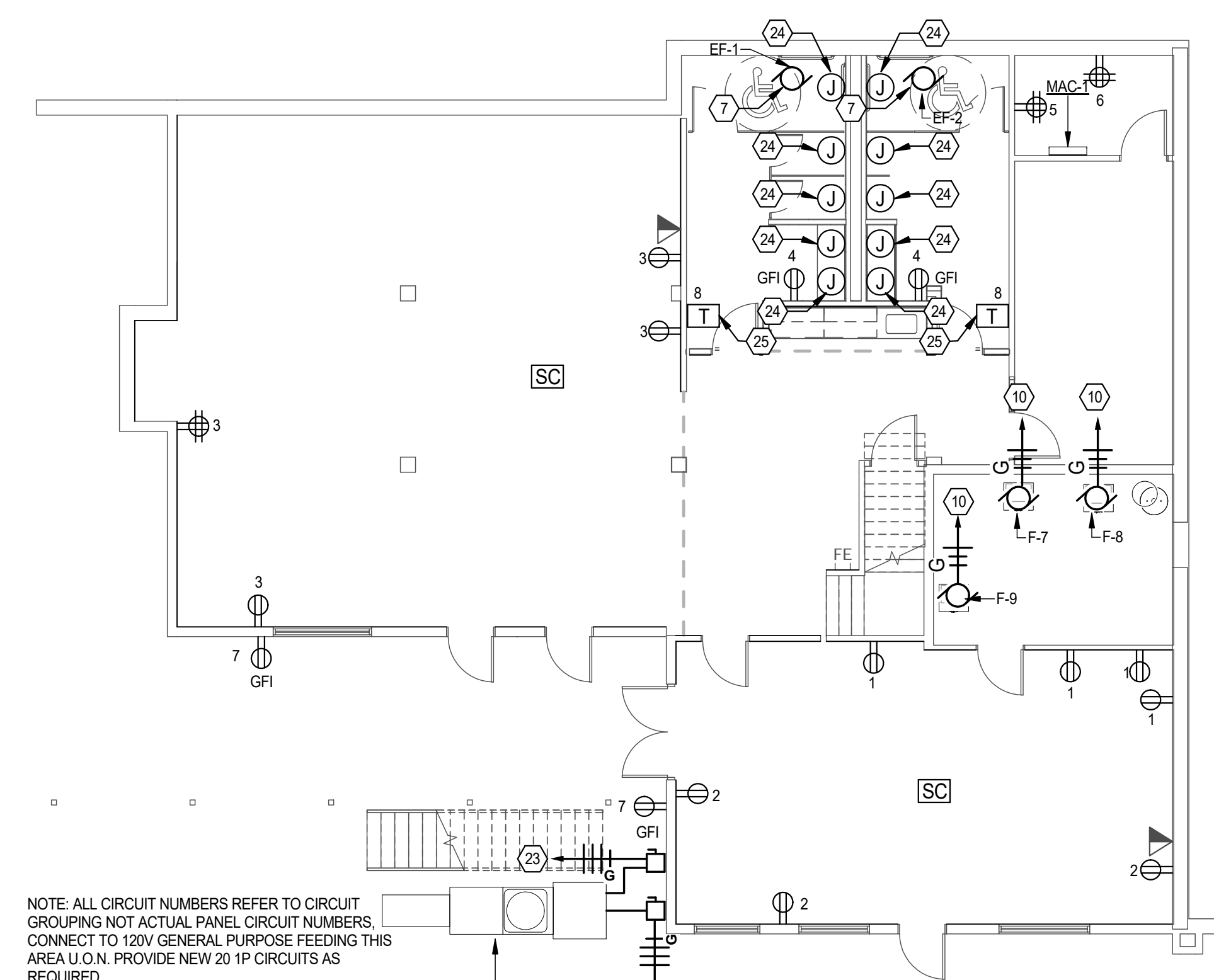
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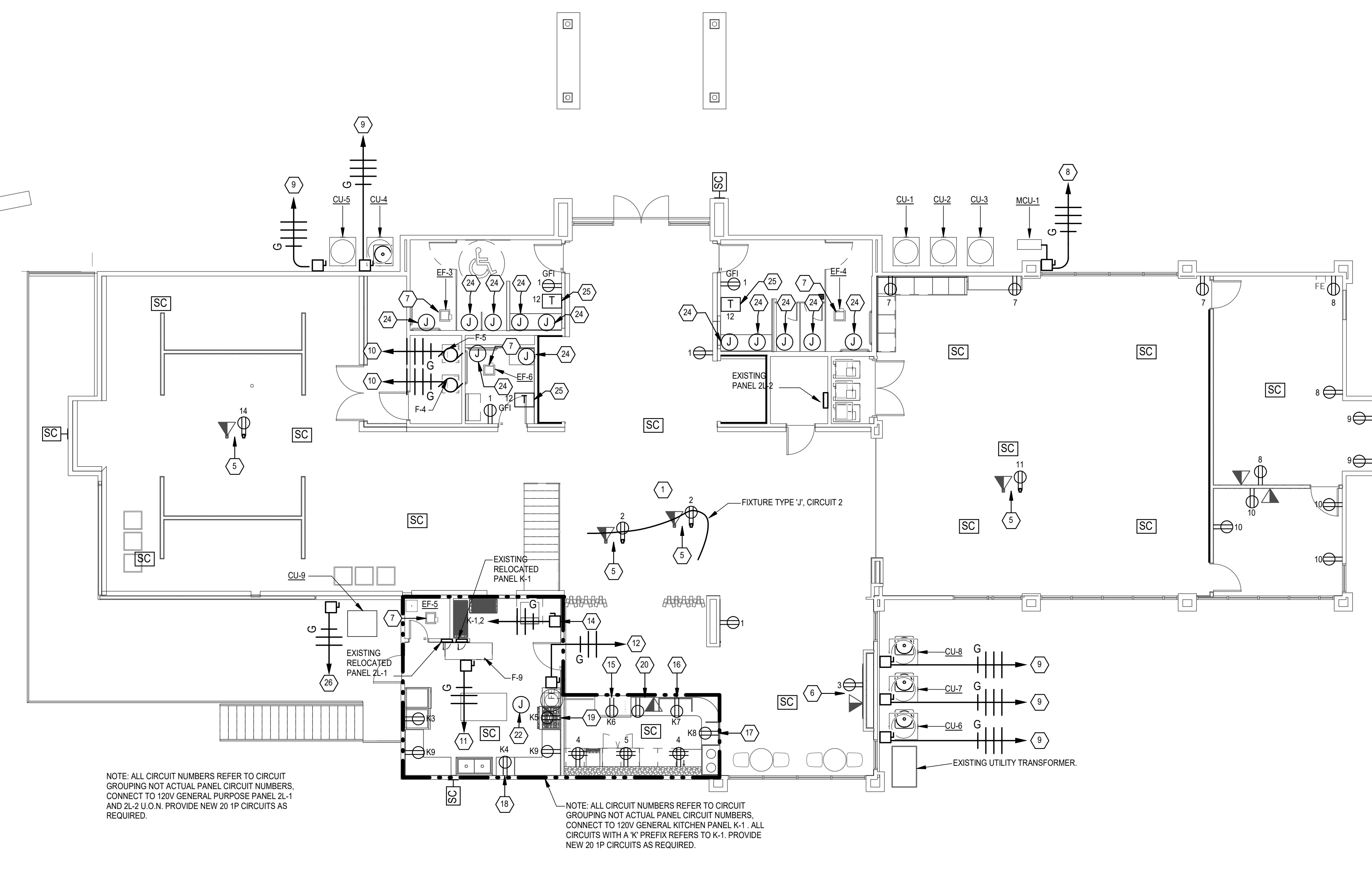
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**LOWER LEVEL POWER PLAN - NEW**  
1/8" = 1'-0" E201

NOTE: ALL CIRCUIT NUMBERS REFER TO CIRCUIT GROUPING NOT ACTUAL PANEL CIRCUIT NUMBERS. CONNECT TO 120V GENERAL PURPOSE FEEDING THIS AREA U.O.N. PROVIDE NEW 20 1P CIRCUITS AS REQUIRED.



**UPPER LEVEL POWER PLAN - NEW**  
1/8" = 1'-0" E201

NOTE: ALL CIRCUIT NUMBERS REFER TO CIRCUIT GROUPING NOT ACTUAL PANEL CIRCUIT NUMBERS. CONNECT TO 120V GENERAL PURPOSE PANEL ZL-1 AND ZL-2 U.O.N. PROVIDE NEW 20 1P CIRCUITS AS REQUIRED.

NOTE: ALL CIRCUIT NUMBERS REFER TO CIRCUIT GROUPING NOT ACTUAL PANEL CIRCUIT NUMBERS. CONNECT TO 120V GENERAL KITCHEN PANEL K1. ALL CIRCUITS WITH A, N PREFIX REFERS TO K1. PROVIDE NEW 20 1P CIRCUITS AS REQUIRED.

VINITA CULTURAL DEVELOPMENT CENTER

**CHEROKEE NATION, OKLAHOMA**

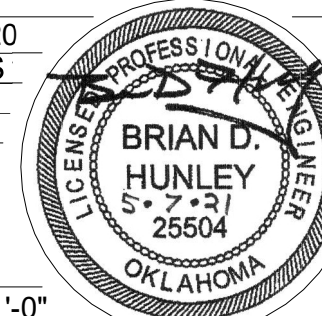
KEY PLAN

No.	Description	Date

**POWER PLANS**

BID SET

Scale 1/8" = 1'-0"



PROJECT NO: 111-049.20  
DRAWN BY: RCS  
CHECKED BY: BDH  
DATE: 5/7/2021

**E201**

5/7/2021 4:09:45 PM



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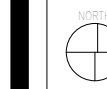
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VINITA CULTURAL DEVELOPMENT CENTER

**PROJECT**  
CHEROKEE NATION, OKLAHOMA

**KEY PLAN**

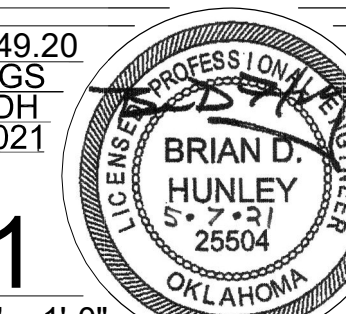


No.	Description	Date

**SHEET TITLE**  
DEMOLITION - ELECTRICAL PLANS

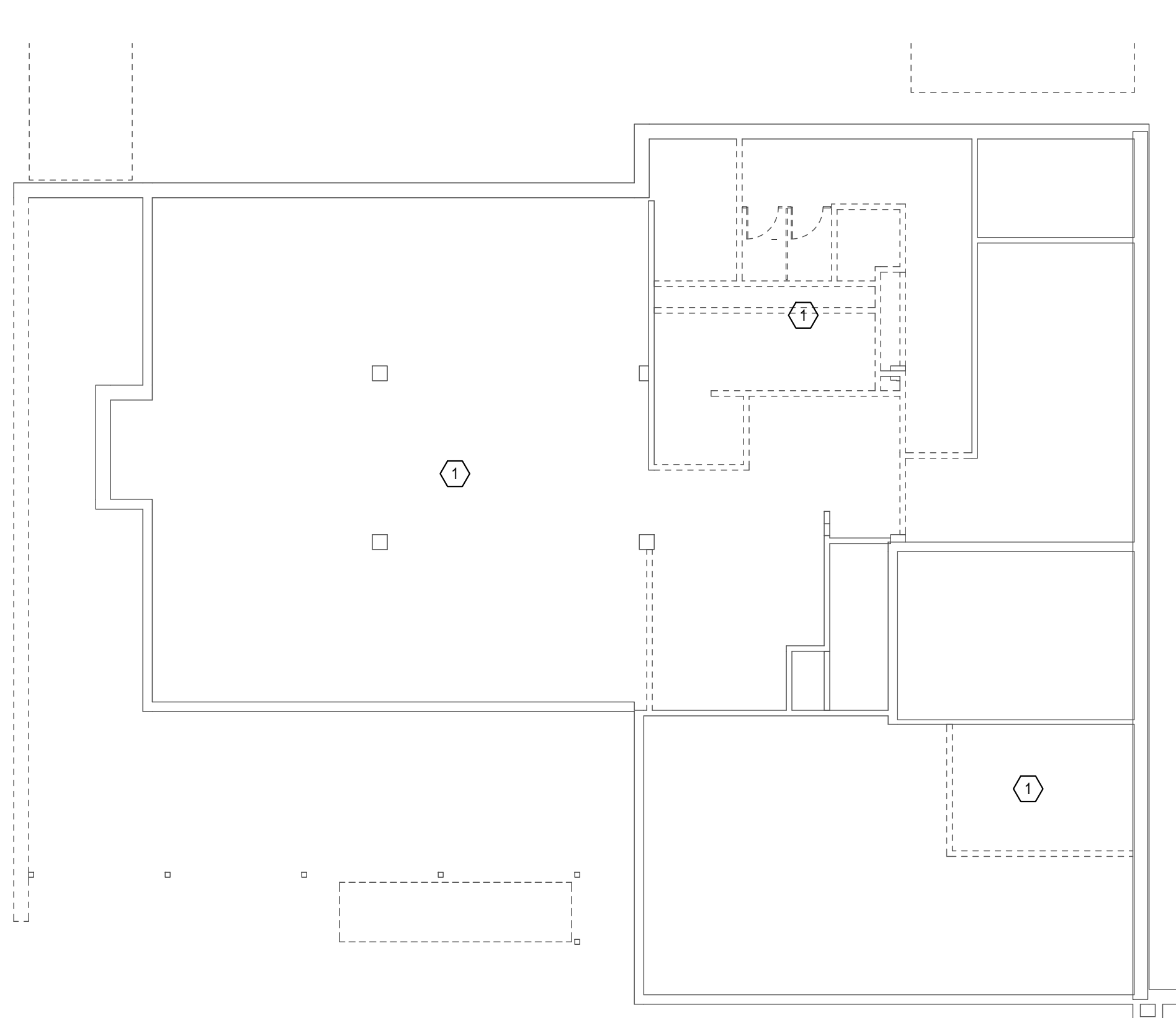
**BID SET**

PROJECT NO: 111-049-20  
DRAWN BY: RGS  
CHKD BY: BDH  
ISSUE DATE: 5/7/2021

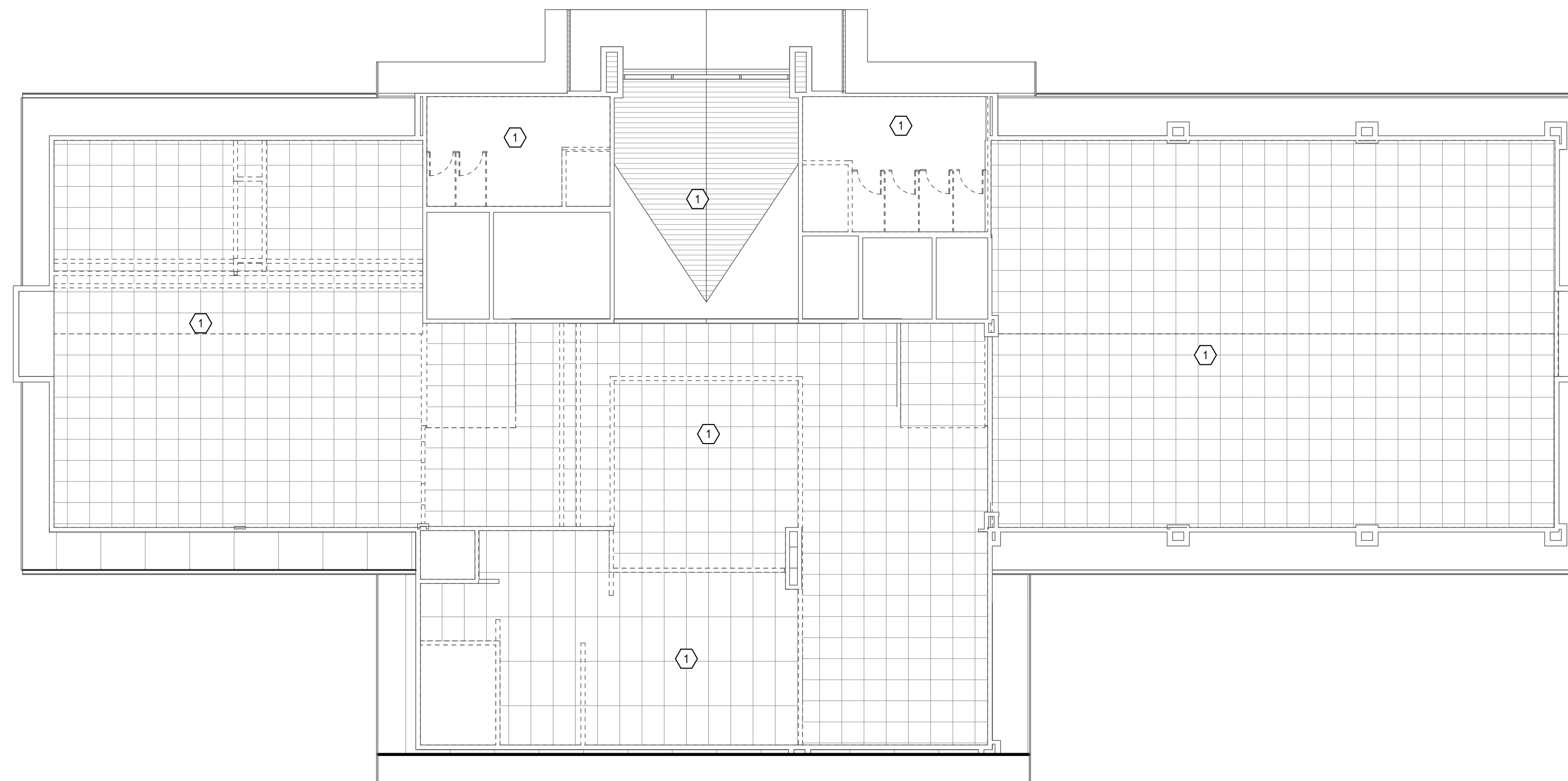


**ED101**

Scale 1/8" = 1'-0"



**LOWER LEVEL ELECTRICAL PLAN**  
1/8" = 1'-0" ED101 ◀12



**UPPER LEVEL ELECTRICAL PLAN**  
1/8" = 1'-0" ED101 ◀1



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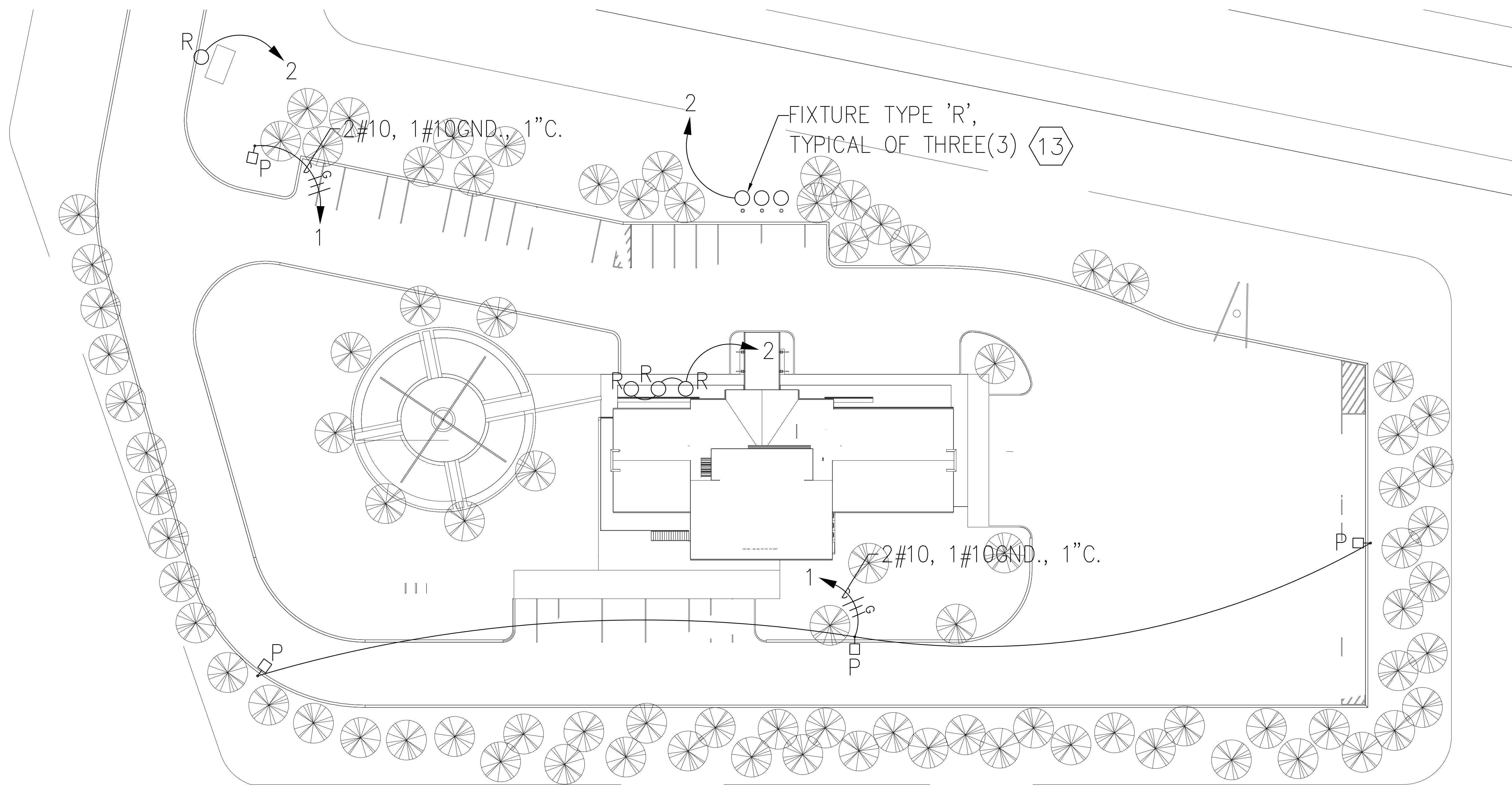
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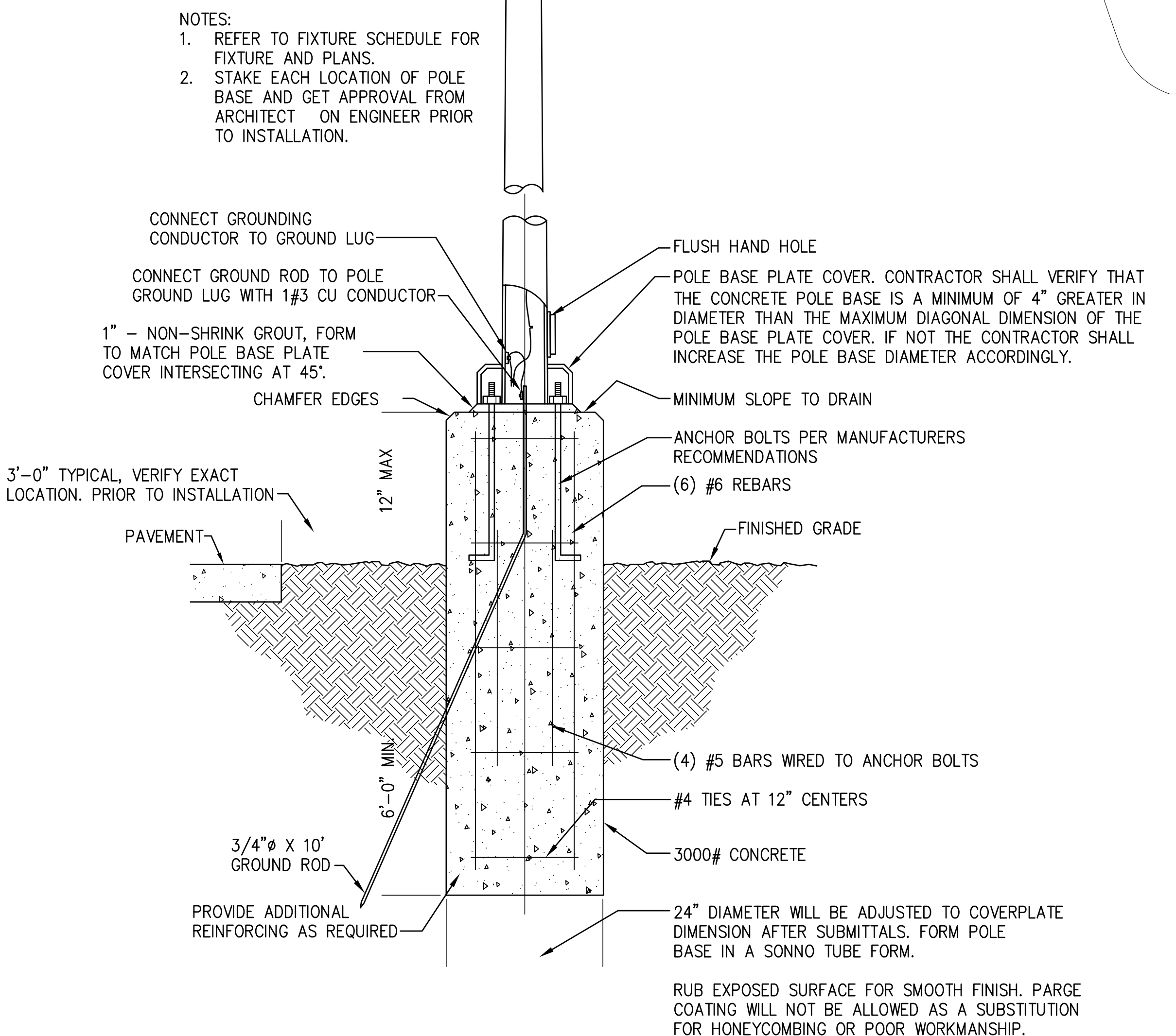
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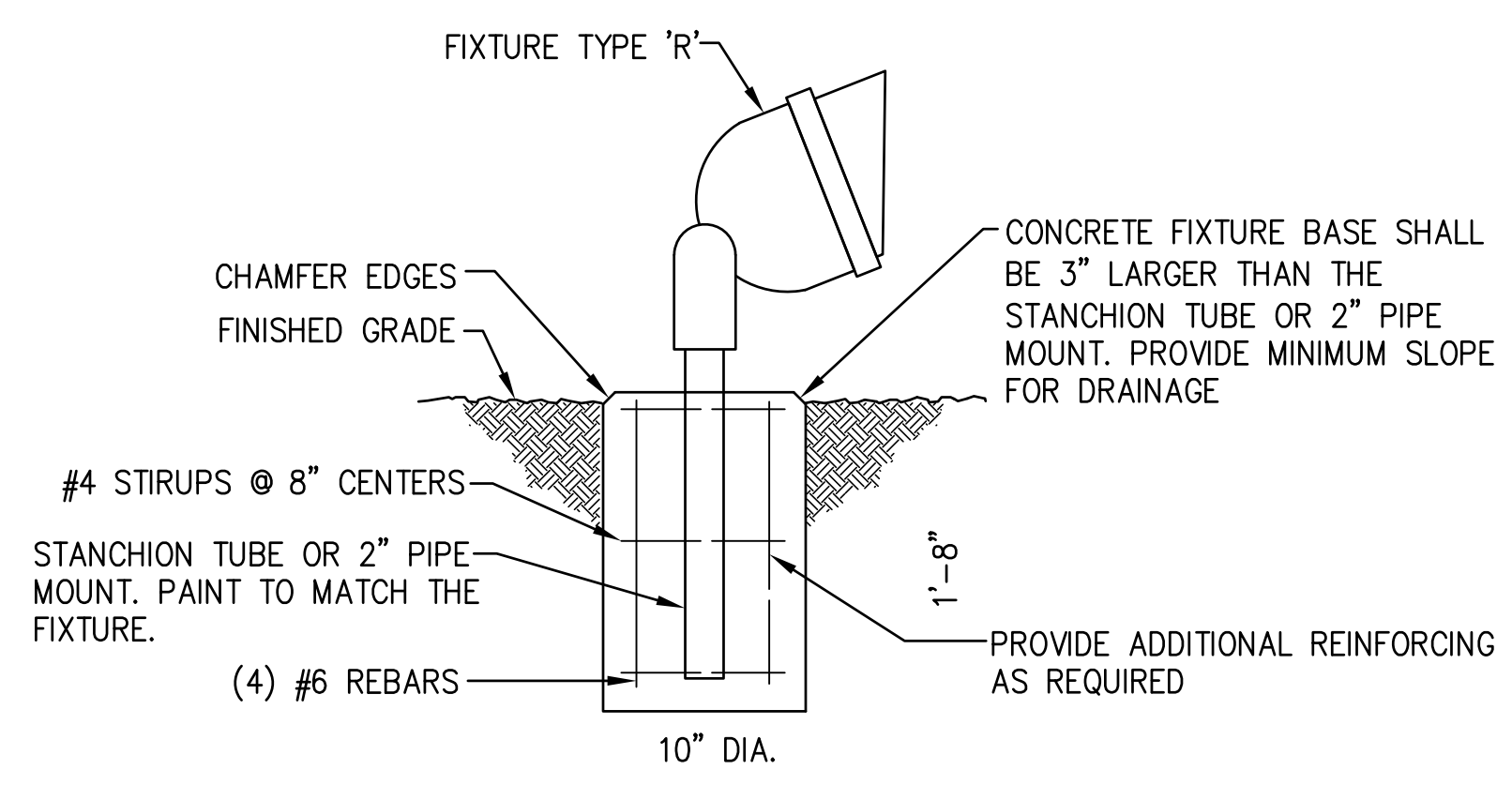
VINITA CULTURAL DEVELOPMENT CENTER



(A) ELECTRICAL SITE PLAN  
SCALE: 1"=20'-0"



(C) FIXTURE POLE MOUNTING DETAIL  
SCALE: NONE



(B) FLOODLIGHT MOUNTING DETAIL  
SCALE: NONE



PROJECT: CHEROKEE NATION, OKLAHOMA

KEY PLAN

No.	Description	Date

SHEET TITLE: ELECTRICAL SITE PLAN  
BID SET

PROJECT NO: 111-049-20  
DRAWN BY: RGS  
CHECKED BY: BDH  
ISSUE DATE: 5/7/2021  
**E600**  
Scale: AS NOTED



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