CONSTRUCTION PLANS FOR COUNCIL CHAMBER RENOVATIONS

PREPARED FOR THE TOWN OF JUPITER



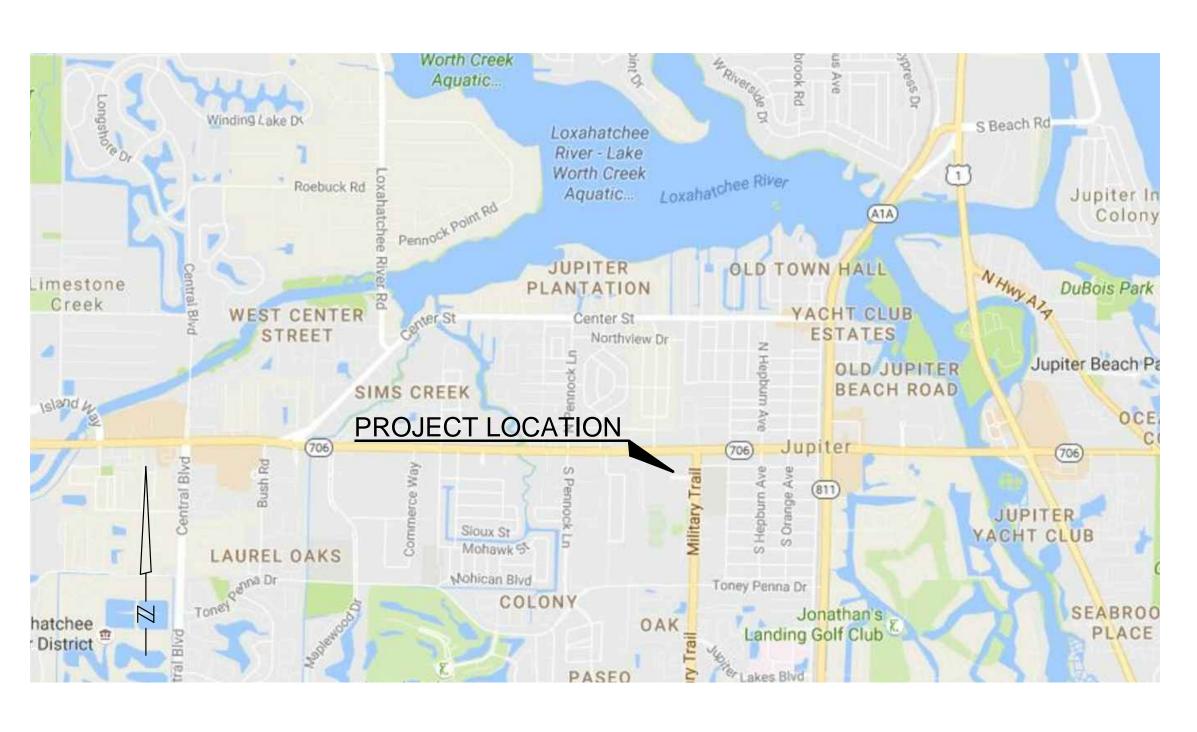
TOWN OFFICIALS

TODD WODRASKA
ILAN KAUFER
RON DELANEY
JIM KURETSKI
WAYNE POSNER
ANDREW LUKASIK

MAYOR
VICE MAYOR
TOWN COUNCIL MEMBER
TOWN COUNCIL MEMBER
TOWN COUNCIL MEMBER
TOWN MANAGER

THOMAS DRISCOLL

DIRECTOR OF ENGINEERING



LOCATION MAP

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044000057

DATE
SEPT 15, 2016
SCALE AS SHOWN
DESIGNED BY RS
DRAWN BY CAD
CHECKED BY RS JUPITER

COUNCIL CHAMBER
RENOVATIONS
PREPARED FOR

THE TOWN OF JUPITER

	LICENSED PROFESSIONAL
	RICHARD L. SUN
	STATE LICENSE NUMBER 12244
FLORIDA	DATE:

COVER SHEET

SHEET NUMBER

G-1

GENERAL NOTES:

SCOPE OF WORK: FURNISH ALL LABOR, MATERIALS, TOOLS, SUPPLIES, EQUIPMENT AND MACHINERY NECESSARY TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. MATERIALS OR WORK DESCRIBED IN WORDS WHICH HAVE A WELL KNOWN TECHNICAL TRADE MEANING SHALL BE HELD TO REFER TO THE RECOGNIZED STANDARD. ALL MATERIALS SHALL BE NEW, UNLESS OTHERWISE SPECIFIED.

CODES: ALL WORK PERFORMED AND MATERIALS USED SHALL MEET ALL REQUIREMENTS OF THE LATEST ADOPTED EDITION OF THE FLORIDA BUILDING CODE, STATE CODES, AND LOCAL CODES, ORDINANCES, AND REGULATIONS HAVING JURISDICTION.

PERMITS: THE CONTRACTOR SHALL SECURE AND PAY FOR THE BUILDING PERMIT AND ALL REQUIRED OTHER PERMITS AND FEES, LICENSES, AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.

DIMENSIONS: VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT & ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND EXISTING FIELD CONDITIONS.

WORKMANSHIP: ALL WORK SHALL BE CONDUCTED IN A PROFESSIONAL, WORKMANLIKE MANNER SO THAT CURRENT BUILDING OPERATIONS ARE NOT INTERRUPTED.

BUILDING SERVICES: ANY REQUIRED SHUT-DOWN OF BUILDING SERVICES SHALL BE COORDINATED WITH THE OWNER AT LEAST 72 HOURS PRIOR TO SUCH OCCURANCE.

EXISTING CONDITIONS: THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND THE COORDINATION OF THE WORK. ANY OMISSIONS OR CONFLICT IN THE WORKING DRAWINGS OR BETWEEN THE DRAWINGS AND EXISTING FIELD CONDITIONS WHICH MAY INTERFERE WITH THE PROPER EXECUTION AND COMPLETION OF THE DESCRIBED WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO PROCEDING WITH THE WORK. ANY EXISTING INFORMATION SHOWN IS DIAGRAMMATIC AND BASED UPON THE BEST INFORMATION AVAILABLE AT THIS TIME, HOWEVER, MAY NOT REFLECT ALL FIELD CONDITIONS.

Asbestos Demolition/Renovation Project Notification Requirements

Asbestos fiber-release exposure has been associated with the development of diseases such as asbestosis, lung cancer, and mesothelioma, a rare and usually fatal disease. The health risk associated with asbestos has resulted in Federal Regulations, some of which are contained in the National Emission Standards for Hazardous Air Pollutants (NESHAP). The Palm Beach County Health Department is the agency responsible for enforcing the NESHAP regulations in Palm Beach County.

Prior to starting work, an Asbestos Survey shall be undertaken to determine weather or not Regulated Asbestos Containing Materials (RACM) are present in the work area. If the Asbestos Survey indicates that RACM is present, the contractor shall provide proper written notification as required by NESHAP.

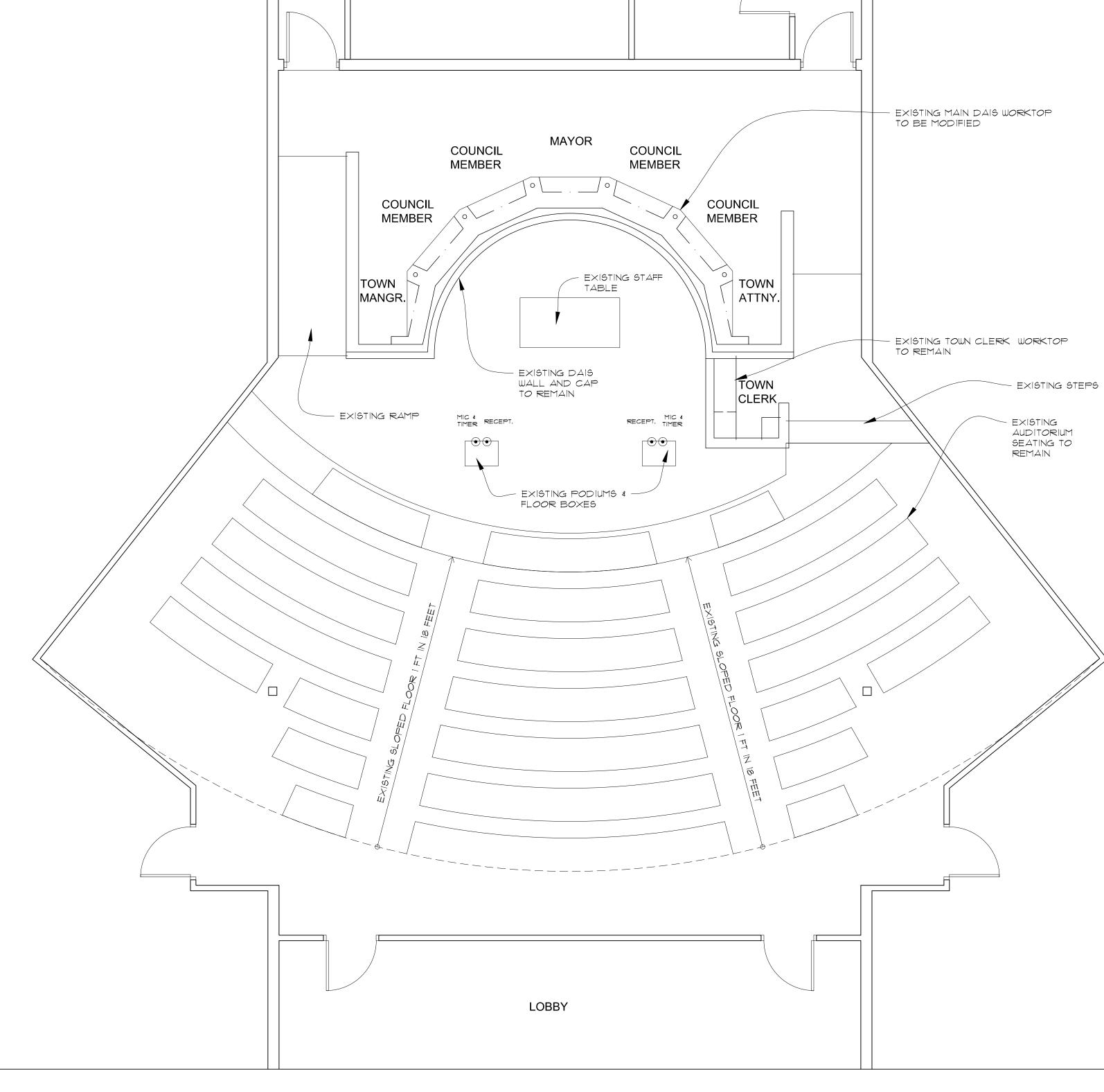
CUTTING & PATCHING: WHERE EXISTING ELEMENTS OF THE BUILDING ARE REQUIRED TO BE CUT, FIT, ALTERED OR REMOVED IN THE PROPER EXECUTION OF THIS WORK, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO OTHER PORTIONS OF THE EXISTING BUILDING INCLUDING BUT NOT LIMITED TO THE SHORING, BRACING AND SUPPORT REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY OF THE EXISTING BUILDING. UPON COMPLETION OF THE WORK, ALL EXISTING MATERIALS, SYSTEMS AND ASSEMBLIES SHALL BE REPLACED, REPAIRED, OR REFIT TO MATCH OR EXCEED THE FIT, FINISH AND PERFORMANCE OF PREVIOUS CONDITIONS. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS WHICH AFFECT SAFETY, STRUCTURAL INTEGRITY OR WATERTIGHTNESS OF BUILDING ARE CORRECTED. SEE RELATED SECTIONS "PENETRATIONS THRU FIRE RATED ASSEMBLIES"

STORAGE & INSTALLATION: ALL MATERIALS AND EQUIPMENT SHALL BE STORED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS UNLESS OTHERWISE NOTED.

PROTECTIONS: PROTECT WITH TEMPORARY BARRICADES, COVERINGS, OR OTHER PROTECTIONS TO PREVENT INJURY OR DAMAGE TO PERSONS OR PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY HIS OPERATIONS. PROVIDE REQUIRED PROTECTION INCLUDING, BUT NOT LIMITED TO, SHORING, BRACING AND SUPPORT TO MAINTAIN STRUCTURAL INTEGRITY OF NEW AND EXISTING WORK.

PENETRATIONS: ALL PENETRATIONS THROUGH EXISTING FLOORS, WALLS AND ROOF SLABS FOR ELECTRICAL CONDUITS, PIPES, ETC. REQUIRED AS PART OF THIS WORK SHALL BE PATCHED WITH U.L. APPROVED FIRE STOPPING CAULKING AS MANUFACTURED BY 3M OR APPROVED EQUAL. THE CONTRACTOR SHALL SUBMIT IDENTIFIED PRODUCT DATA INCLUDING MATERIAL SPECIFICATIONS AND U.L. CLASSIFIED FIRE TEST DATA FOR ANY DEVIATIONS FROM THE STANDARD DETAILS SHOWN IN THESE PLANS.

DISPOSAL: THE CONTRACTOR SHALL PROVIDE PROPER OFF-SITE DISPOSAL OF ALL REMOVED BUILDING MATERIALS, OTHER ITEMS, DEBRIS, ETC. CONTRACTOR SHALL COORDINATE ALL REQUIRED CUTTING AND PATCHING OF EXISTING BUILDING REQUIRED FOR PROPER EXECUTION OF THE NEW WORK.





THIS PLAN SHOWS EXISTING CONDITIONS. REFER TO SHEET A2 FOR NEW WORK.

The Sun Group, Inc.
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Tel 561.746.7706

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COUNCIL CHAMBER
RENOVATIONS
PREPARED FOR

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THE TOWN OF JUPITER	

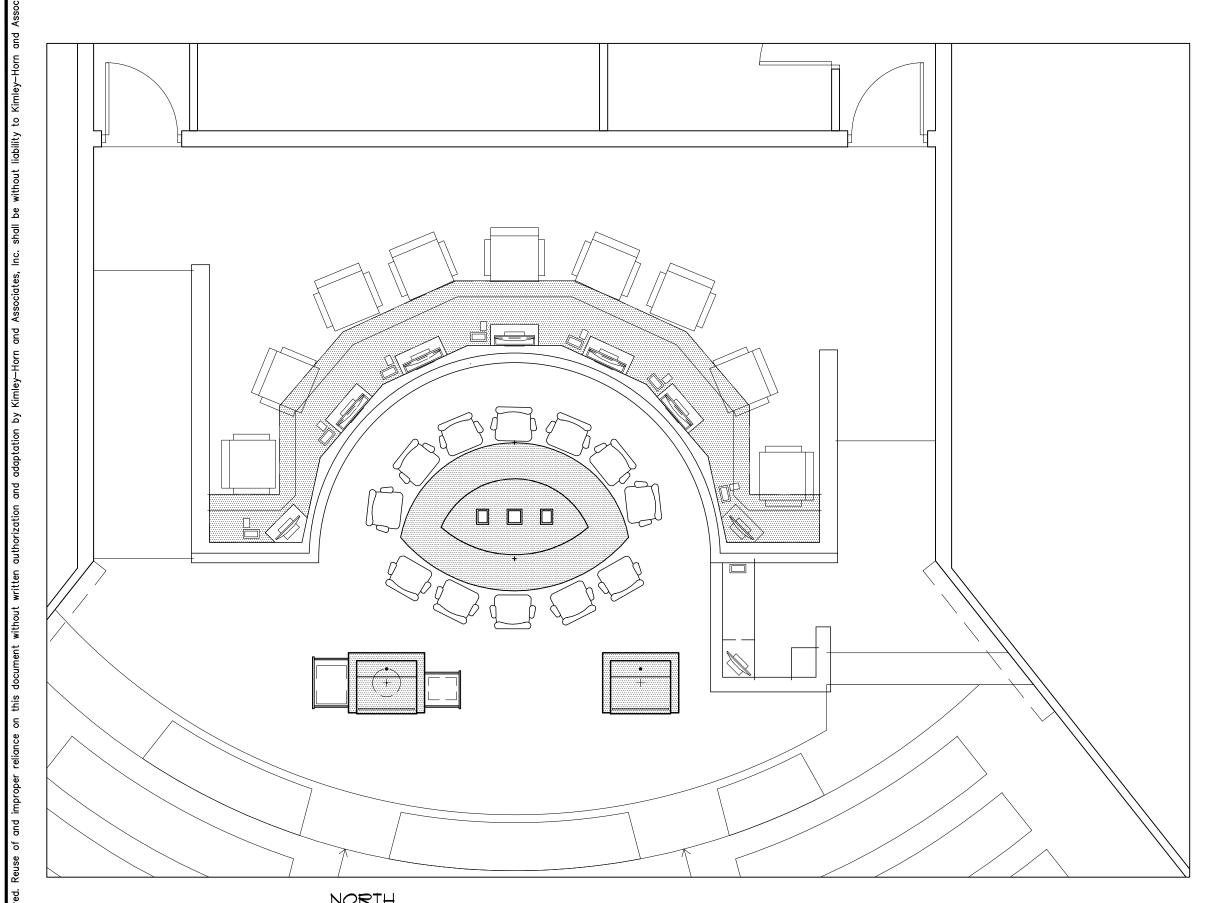
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STATE LICENSE NUMBER 12244

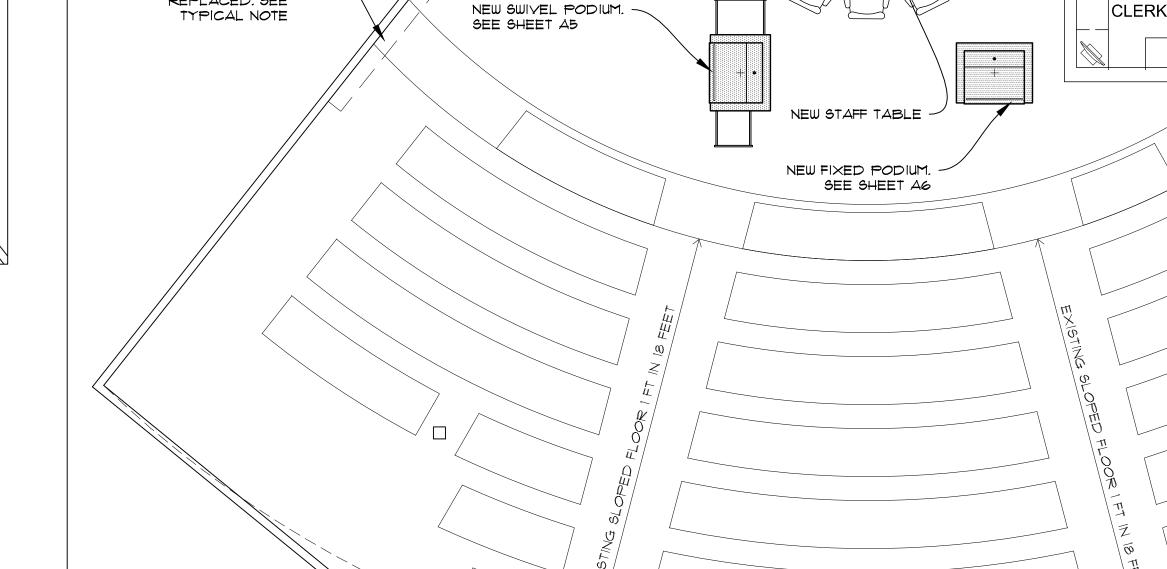
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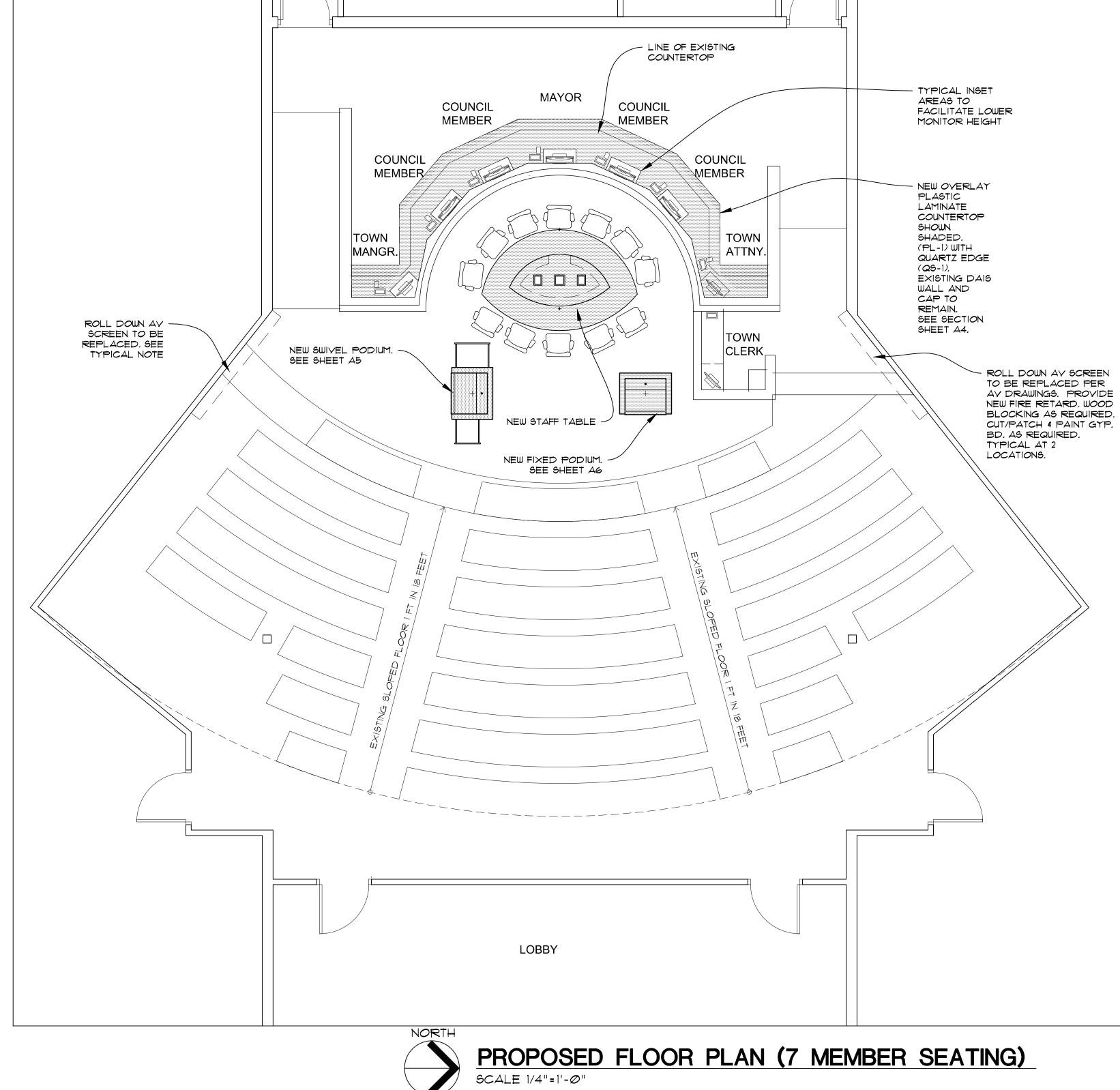
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EXISTING FLOOR PLAN

A1









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DAIS ALTERNATE SEATING (9 MEMBER)

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RS JUPITER

COUNCIL CHAMBER RENOVATIONS

PREPARED FOR THE TOWN OF JUPITER

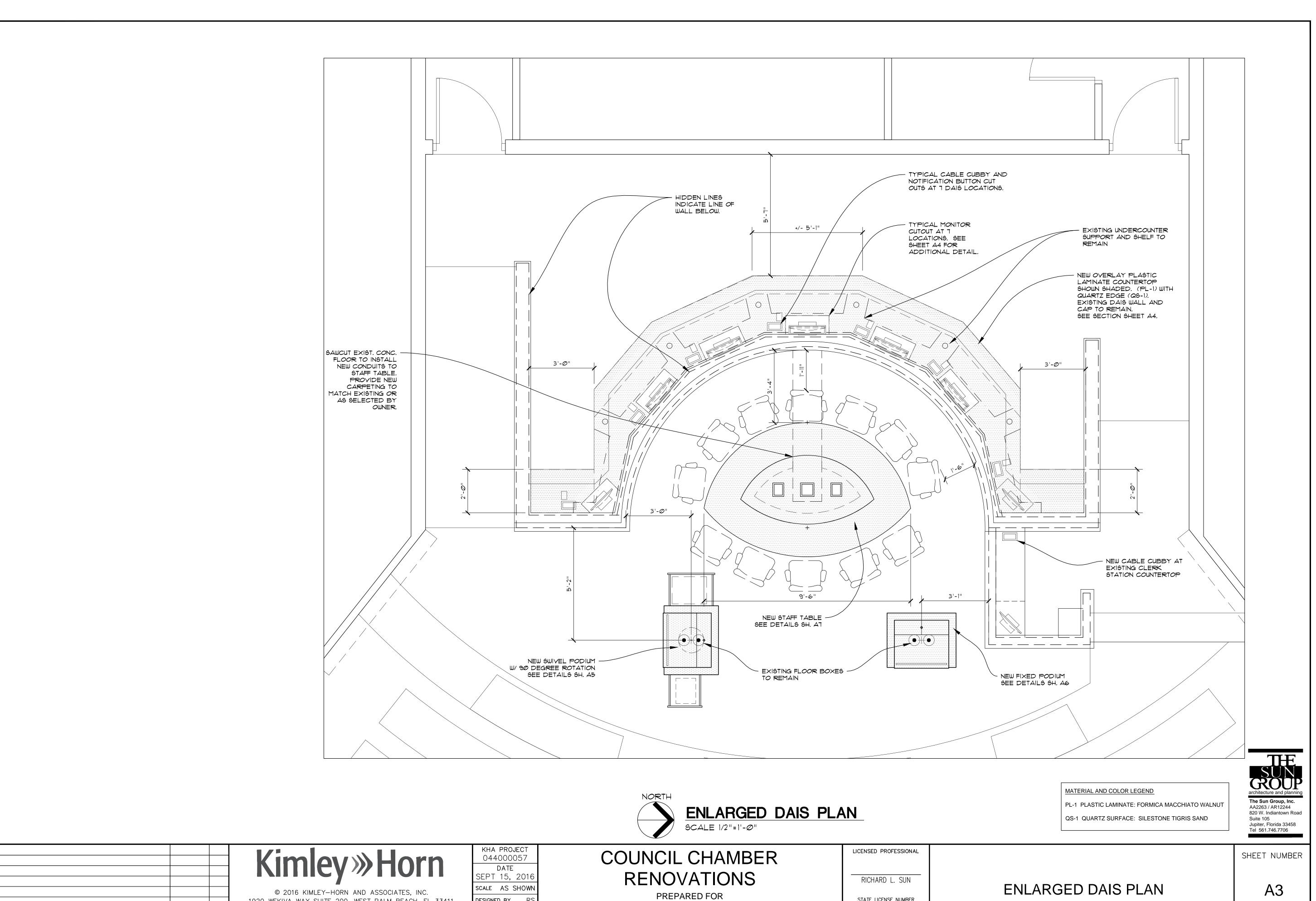
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	RICHARD L. SUN
	STATE LICENSE NUMBER 12244
FLORIDA	DATE:

PROPOSED DAIS PLAN

SHEET NUMBER

The Sun Group, Inc. AA2263 / AR12244 820 W. Indiantown Road

A2



THE TOWN OF JUPITER

STATE LICENSE NUMBER

12244

FLORIDA DATE: ____

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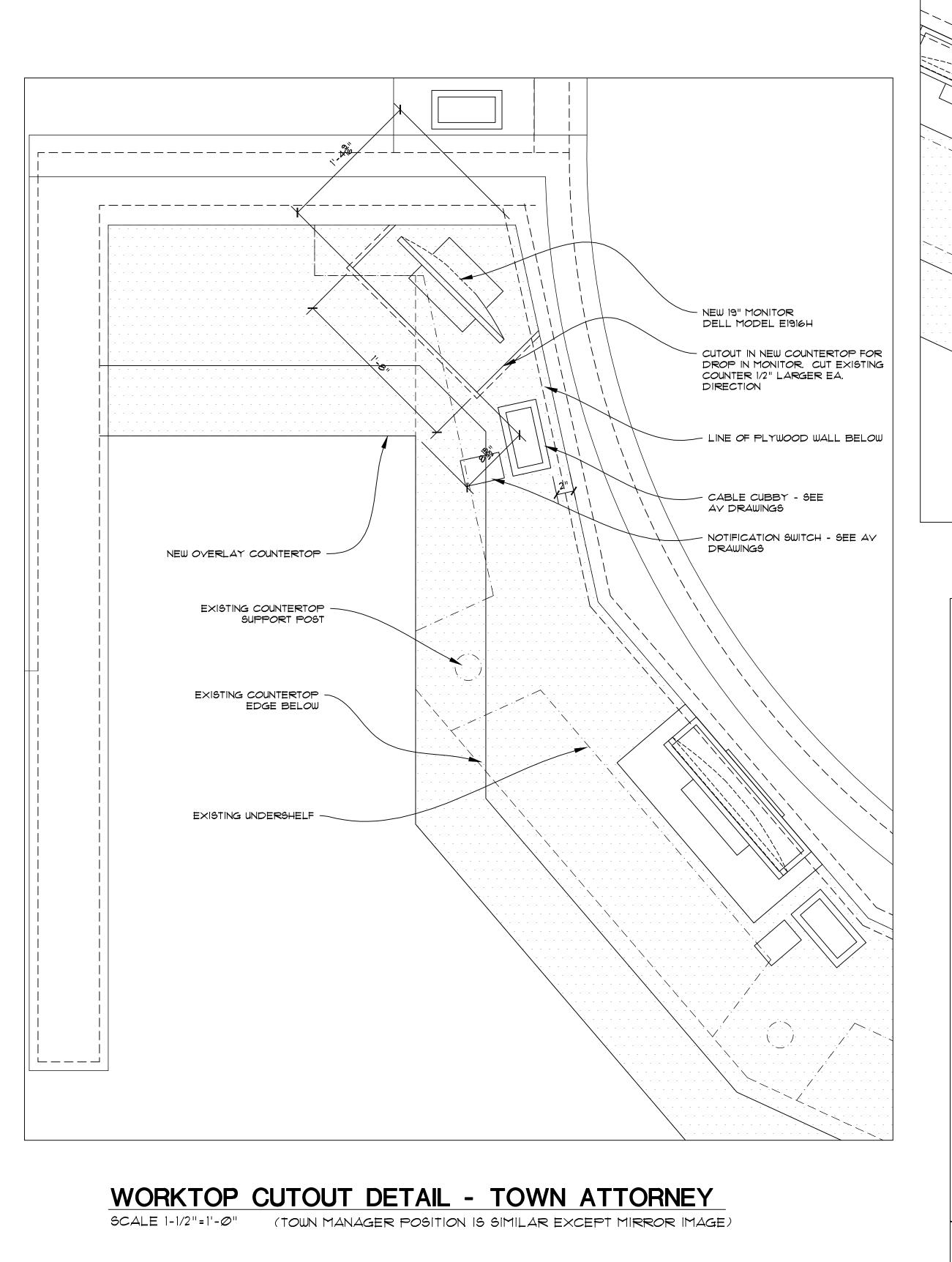
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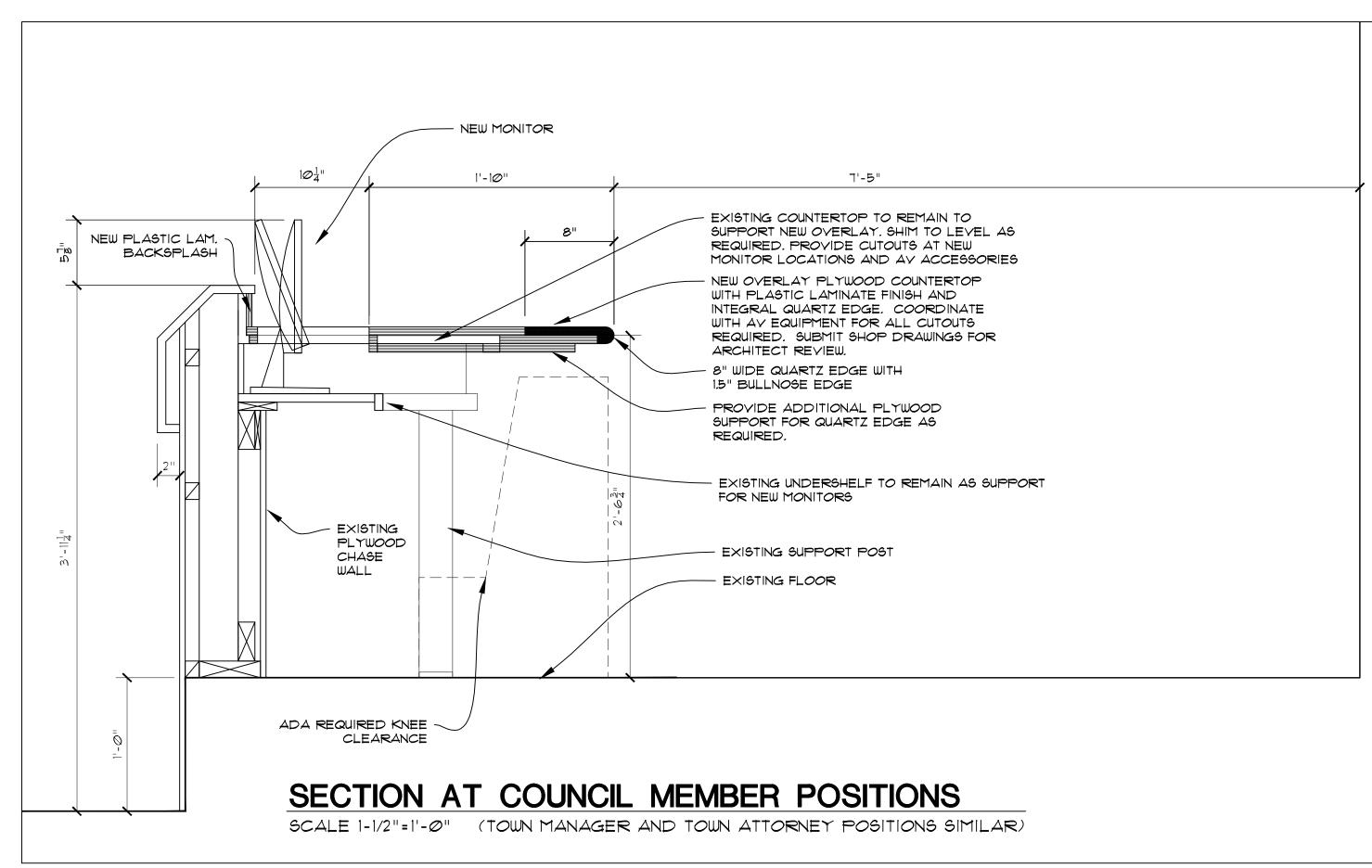
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WORKTOP CUTOUT DETAIL AT COUNCIL MEMBER POSITIONS



THE SULLY Architecture and planning The Sun Group, Inc. AA2263 / AR12244 820 W. Indiantown Road Suite 105 Jupiter, Florida 33458 Tel 561.746.7706

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COUNCIL CHAMBER RENOVATIONS PREPARED FOR

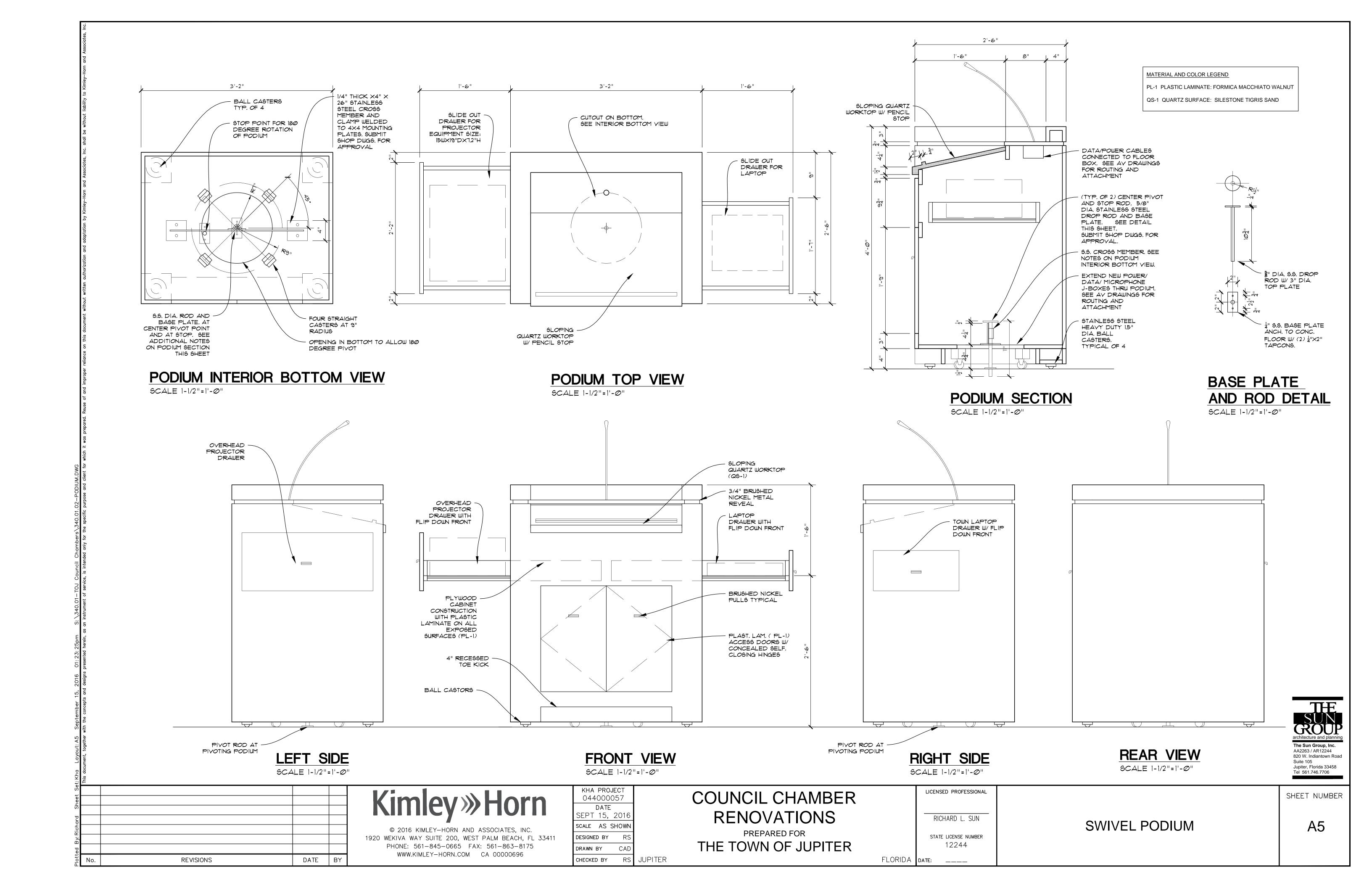
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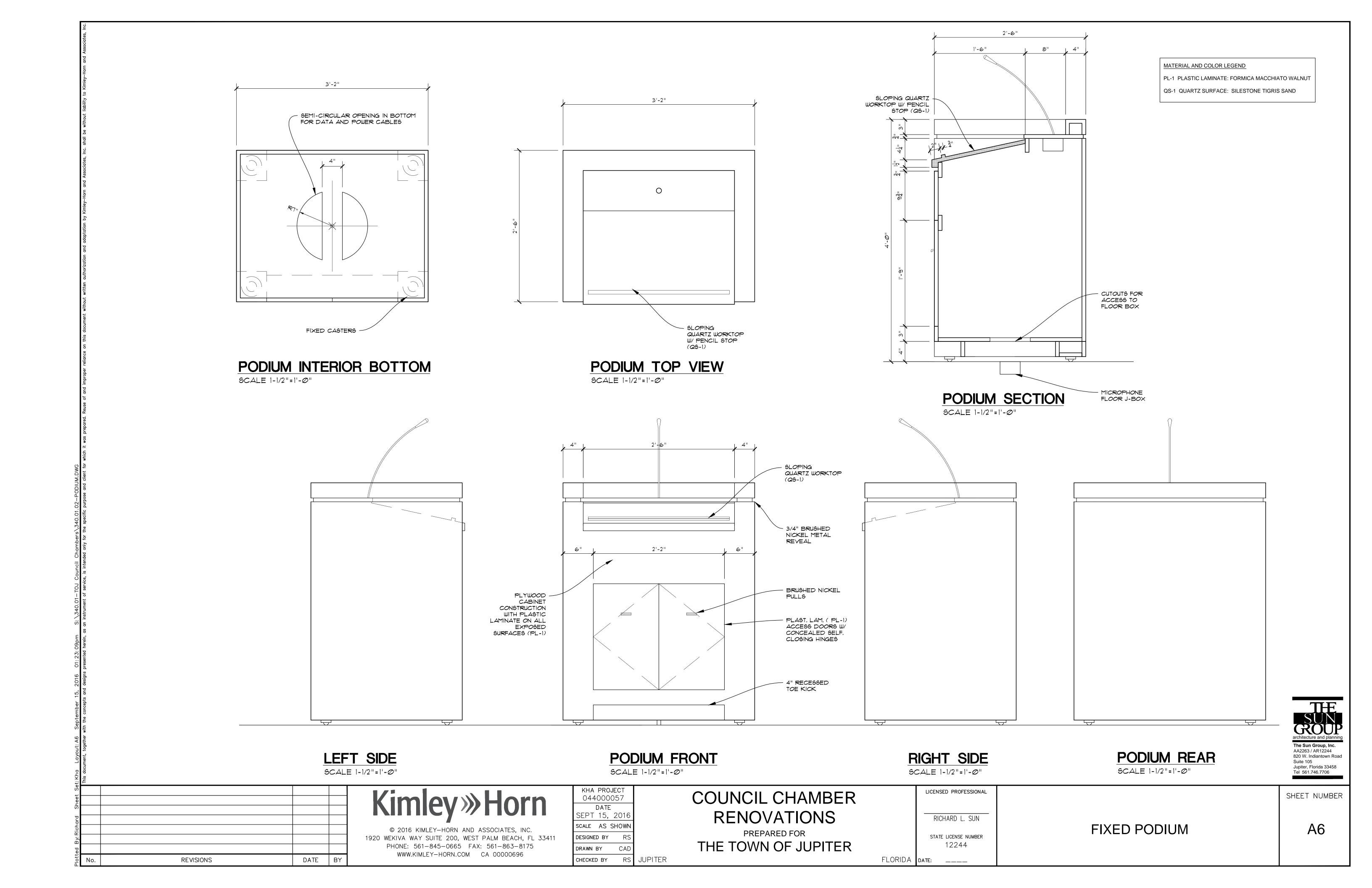
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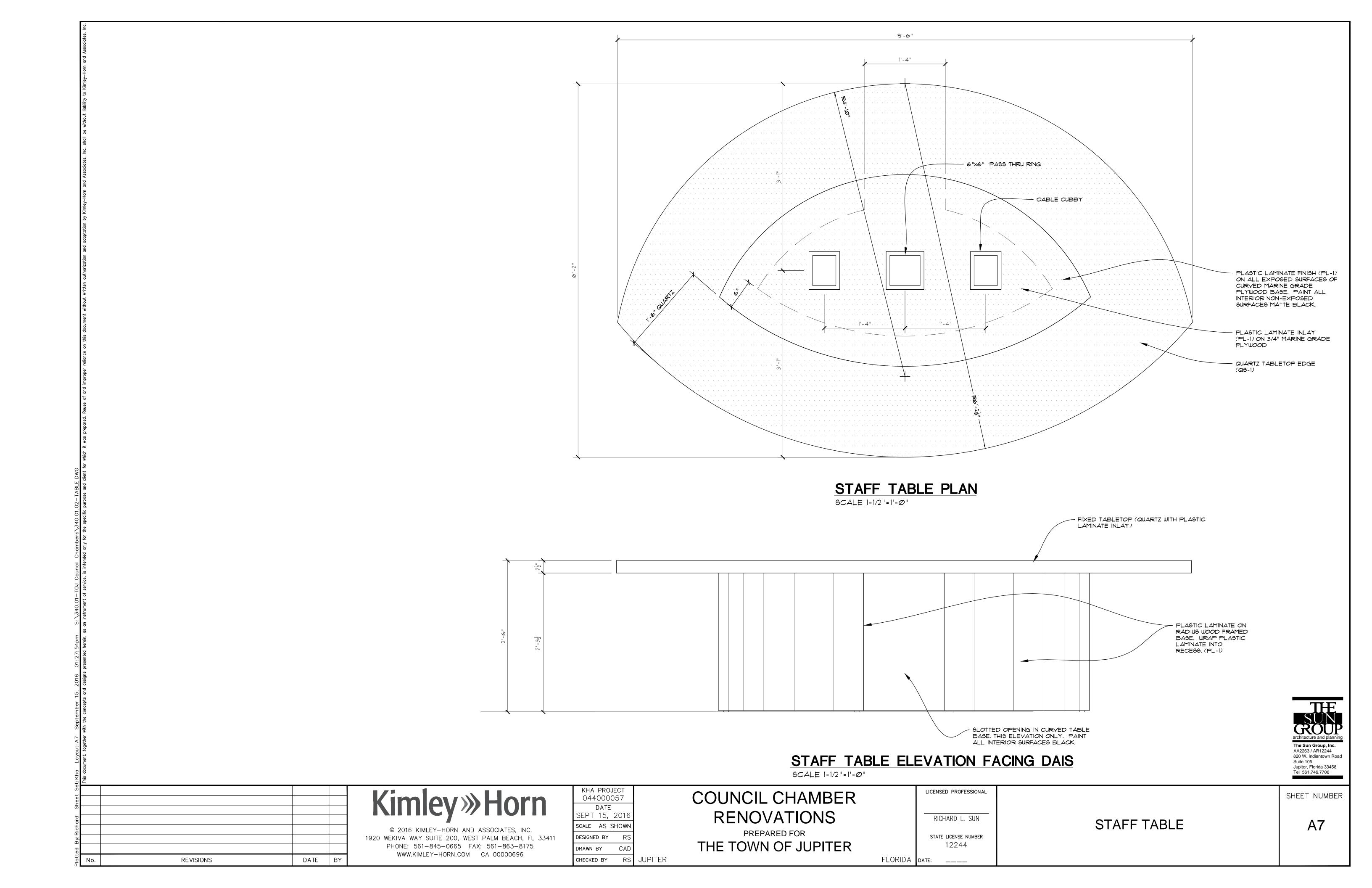
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SHEET NUMBER







SECTION 01731 - CUTTING AND PATCHING

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes procedural requirements for cutting and patching.

1.2 DEFINITIONS

- A. Cutting: Removal of existing construction necessary to permit installation or performance of other Work.
- B. Patching: Fitting and repair work required to restore surfaces to original conditions after installation of other Work.

1.3 QUALITY ASSURANCE

- A. Structural Elements: Do not cut and patch structural elements in a manner that could change their load-carrying capacity or load-deflection
- B. Operational Elements: Do not cut and patch operating elements and related components in a manner that results in reducing their capacity to perform as intended or that results in increased maintenance or decreased operational life or safety.
- 1. Primary operational systems and equipment.
- 2. Air or smoke barriers.
- Fire-protection systems.
- Control systems.
- Communication systems.
- Conveying systems.
- Electrical wiring systems.
- 8. Operating systems of special construction in Division 13 Sections.
- C. Visual Requirements: Do not cut and patch construction in a manner that results in visual evidence of cutting and patching. Do not cut and patch construction exposed on the exterior or in occupied spaces in a manner that would, in Architect's opinion, reduce the building's aesthetic qualities. Remove and replace construction that has been cut and patched in a visually unsatisfactory manner.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. General: Comply with requirements specified in other Sections of these Specifications.
- B. Existing Materials: Use materials identical to existing materials. For exposed surfaces, use materials that visually match existing adjacent surfaces to the fullest extent possible.
- 1. If identical materials are unavailable or cannot be used, use materials that, when installed, will match the visual and functional performance of existing materials.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine surfaces to be cut and patched and conditions under which cutting and patching are to be performed.
- 1. Compatibility: Before patching, verify compatibility with and suitability of substrates, including compatibility with existing finishes or
- 2. Proceed with installation only after unsafe or unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Temporary Support: Provide temporary support of Work to be cut.
- B. Protection: Protect existing construction during cutting and patching to prevent damage. Provide protection from adverse weather conditions for portions of Project that might be exposed during cutting and patching operations.
- C. Adjoining Areas: Avoid interference with use of adjoining areas or interruption of free passage to adjoining areas.
- D. Existing Services: Where existing services are required to be removed, relocated, or abandoned, bypass such services before cutting to minimize interruption of services to occupied areas.

3.3 PERFORMANCE

- A. General: Employ skilled workers to perform cutting and patching. Proceed with cutting and patching at the earliest feasible time, and
- 1. Cut existing construction to provide for installation of other components or performance of other construction, and subsequently patch as required to restore surfaces to their original condition.
- methods least likely to damage elements retained or adjoining construction. If possible, review proposed procedures with original Installer; comply with original Installer's written recommendations.

B. Cutting: Cut existing construction by sawing, drilling, breaking, chipping, grinding, and similar operations, including excavation, using

- 1. In general, use hand or small power tools designed for sawing and grinding, not hammering and chopping. Cut holes and slots as small as possible, neatly to size required, and with minimum disturbance of adjacent surfaces. Temporarily cover openings when not in use.
- 2. Existing Finished Surfaces: Cut or drill from the exposed or finished side into concealed surfaces.
- 3. Concrete & Masonry: Cut using a cutting machine, such as an abrasive saw or a diamond-core drill.
- 4. Excavating and Backfilling: Comply with requirements in applicable Division 2 Sections where required by cutting and patching
- 5. Mechanical and Electrical Services: Cut off pipe or conduit in walls or partitions to be removed. Cap, valve, or plug and seal remaining portion of pipe or conduit to prevent entrance of moisture or other foreign matter after cutting.
- 6. Proceed with patching after construction operations requiring cutting are complete.
- C. Patching: Patch construction by filling, repairing, refinishing, closing up, and similar operations following performance of other Work. Patch with durable seams that are as invisible as possible. Provide materials and comply with installation requirements specified in other Sections
- 1. Inspection: Where feasible, test and inspect patched areas after completion to demonstrate integrity of installation.
- 2. Exposed Finishes: Restore exposed finishes of patched areas and extend finish restoration into retained adjoining construction in a manner that will eliminate evidence of patching and refinishing.
- 3. Floors and Walls: Where walls or partitions that are removed extend one finished area into another, patch and repair floor and wall surfaces in the new space. Provide an even surface of uniform finish, color, texture, and appearance. Remove existing floor and wall coverings and replace with new materials, if necessary, to achieve uniform color and appearance.
- a. Where patching occurs in a painted surface, apply primer and intermediate paint coats over the patch and apply final paint coat over entire unbroken surface containing the patch. Provide additional coats until patch blends with adjacent surfaces.
- 4. Ceilings: Patch, repair, or rehang existing ceilings as necessary to provide an even-plane surface of uniform appearance.
- 5. Exterior Building Enclosure: Patch components in a manner that restores enclosure to a weathertight condition.

END OF SECTION 01731

SECTION 06402 - INTERIOR ARCHITECTURAL WOODWORK

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
- 1. Plastic-laminate cabinets.
- 2. Plastic-laminate countertops.
- Quartz-surfacing-material countertops.

1.2 SUBMITTALS

- A. Product Data: For plywood, high-pressure decorative laminate, adhesive for bonding plastic laminate, quartz-surfacing material, cabinet hardware and accessories.
- B. Shop Drawings: Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.
- Show details full size.
- 2. Show locations and sizes of furring, blocking, and hanging strips, including concealed blocking and reinforcement specified in other Sections.
- 3. Show locations and sizes of cutouts and holes for all electrical and data items installed in architectural woodwork
- C. Samples for Initial Selection: Manufacturer's color charts consisting of units or sections of units showing the full
- range of colors, textures, and patterns available for each type of material indicated. Plastic laminates.
- 2. Quartz-surfacing materials.
- D. Samples for Verification: For the following:
- 1. Plastic-laminate-clad panel products, 2 by 3 inches, for each type, color, pattern, and surface finish.
- 2. Quartz-surfacing materials, 6 inches square.
- 3. Exposed cabinet hardware and accessories, one unit for each type and finish.
- E. Product Certificates: Signed by manufacturers of woodwork certifying that products furnished comply with requirements.
- F. Qualification Data: For firms and persons specified in "Quality Assurance" Article to demonstrate their capabilities and experience. Include lists of completed projects with project names and addresses, names and addresses of architects and owners, and other information specified.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who has completed architectural woodwork similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- B. Fabricator Qualifications: A firm experienced in producing architectural woodwork similar to that indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.
- C. Source Limitations: Engage a qualified woodworking firm to assume undivided responsibility for production and installation of interior architectural woodwork.
- D. Mockups: Before fabricating and installing interior architectural woodwork, build mockups for each form of construction and finish required to verify selections made under sample Submittals and to demonstrate aesthetic effects and qualities of materials and execution. Build mockups to comply with the following requirements, using materials indicated for the completed Work:
- 1. Build 12"x24" mockups of countertop and staff table edge details showing joinery of plastic laminate and quartz-surfacing.
- E. Pre-installation Conference: Conduct conference at Project site to comply with requirements in Division 1 Section "Project Meetings."

1.4 DELIVERY, STORAGE, AND HANDLING

A. Do not deliver woodwork until painting and similar operations that could damage woodwork have been completed in installation areas. If woodwork must be stored in other than installation areas, store only in areas where environmental conditions comply with requirements specified in "Project Conditions" Article.

1.5 COORDINATION

A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in other Sections to ensure that interior architectural woodwork can be supported and installed as indicated.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. General: Provide materials that comply with requirements of the WIC quality standard for each type of woodwork and quality grade specified, unless otherwise indicated.
- B. Wood Species Plastic Laminate Finish: Maple Plywood.
- C. High-Pressure Decorative Laminate: NEMA LD 3, grades as indicated, or if not indicated, as required by woodwork quality standard.
- 1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering high-pressure decorative laminates that may be incorporated into the Work include, but are not limited to, the following:
- a. Formica Corporation.
- b. Laminart.

JUPITER

- c. Pioneer Plastics Corp.
- d. Wilsonart International; Div. of Premark International, Inc.
- D. Adhesive for Bonding Plastic Laminate: Unpigmented contact cement.

2.2 CABINET HARDWARE AND ACCESSORIES

- A. General: Provide cabinet hardware and accessory materials associated with architectural cabinets.
- B. Frameless Concealed Hinges (European Type): BHMA A156.9, B01602, 100 degrees of opening, self-closing.
- C. Pulls: Custom as shown on drawings and as selected by Architect.
- D. Drawer Slides: Side-mounted, full-extension, zinc-plated steel drawer slides with steel ball bearings, BHMA A156.9, B05091, and rated for the following loads: 1. Box Drawer Slides: 100 lbf.
- E. Exposed Hardware Finishes: For exposed hardware, provide finish that complies with BHMA A156.18 for BHMA finish number indicated.
- 1. Satin Chromium Plated: BHMA 626 for brass or bronze base; BHMA 652 for steel base.

- F. For concealed hardware, provide manufacturer's standard finish that complies with product class requirements in BHMA A156.9.
- 2.3 INSTALLATION MATERIALS
- A. Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber, kiln-dried to less than 15 percent
- B. dried to less than 15 percent moisture content.
- C. Interior Woodwork Grade: Provide Custom grade interior woodwork complying with the referenced quality
- D. Wood Moisture Content: Comply with requirements of referenced quality standard for wood moisture content in relation to ambient relative humidity during fabrication and in installation areas.
- E. Sand fire-retardant-treated wood lightly to remove raised grain on exposed surfaces before fabrication.
- F. Fabricate woodwork to dimensions, profiles, and details indicated. Ease edges to radius indicated for the 1. Corners of Cabinets and Edges of Solid-Wood (Lumber) Members and Rails: 1/16 inch.
- G. Complete fabrication, including assembly, finishing, and hardware application, to maximum extent possible, before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.
- 1. Notify Architect seven days in advance of the dates and times woodwork fabrication will be complete.
- 2. Trial fit assemblies at fabrication shop that cannot be shipped completely assembled. Install dowels, screws, bolted connectors, and other fastening devices that can be removed after trial fitting. Verify that various parts fit as intended and check measurements of assemblies against field measurements indicated on Shop Drawings before disassembling for shipment.
- H. Shop cut openings, to maximum extent possible, to receive hardware, appliances, plumbing fixtures, electrical work, and similar items. Locate openings accurately and use templates or roughing-in diagrams to produce accurately sized and shaped openings. Sand edges of cutouts to remove splinters and burrs.
- 1. Seal edges of openings in countertops with a coat of varnish.

2.4 PLASTIC-LAMINATE CABINETS

- A. Quality Standard: Comply with AWI Section 400 requirements for laminate cabinets.
- B. Grade: Custom.
- C. AWI Type of Cabinet Construction: Flush inset.
- D. Laminate Cladding for Exposed Surfaces: High-pressure decorative laminate complying with the following
- 1. Horizontal Surfaces Other Than Tops: HGS (0.048 inch).
- 2. Vertical Surfaces: VGS (0.028 inch).
- 3. Edges: VGS (0.028 inch).
- E. Materials for Semiexposed Surfaces: Provide surface materials indicated below:
- 1. Surfaces Other Than Drawer Bodies: High-pressure decorative laminate, Grade VGS.
- 2. Drawer Sides and Backs: Solid-hardwood lumber.
- 3. Drawer Bottoms: Hardwood plywood.
- F. Colors, Patterns, and Finishes: Provide materials and products that result in colors and textures of exposed laminate surfaces complying with the following requirements:
- 1. Provide Architect's selections from laminate manufacturer's full range of colors and finishes in the following categories:
- a. Solid colors.
- b. Wood grains.
- c. Patterns.
- 2.5 PLASTIC-LAMINATE COUNTERTOPS
- A. Quality Standard: Comply with AWI Section 400 requirements for high-pressure decorative laminate countertops.

D. Colors, Patterns, and Finishes: Provide materials and products that result in colors and textures of exposed

- B. Grade: Custom. C. High-Pressure Decorative Laminate Grade: HGS (0.048 inch).
- laminate surfaces complying with the following requirements: 1. Provide Architect's selections from manufacturer's full range of colors and finishes in the following categories:
- b. Solid colors with core same color as surface.
- c. Wood grains. d. Patterns.
- E. Core Material: Exterior-grade plywood.

PART 3 - EXECUTION

- 3.1 PREPARATION
- A. Condition woodwork to average prevailing humidity conditions in installation areas before installation.
- B. Before installing architectural woodwork, examine shop-fabricated work for completion and complete work as required, including removal of packing and back-priming.
- 3.2 INSTALLATION A. Quality Standard: Install woodwork to comply with AWI Section 1700 for the same grade specified in Part 2 of this Section for type of woodwork involved.
- B. Install woodwork level, plumb, true, and straight. Shim as required with concealed shims. Install level and plumb (including tops) to a tolerance of 1/8 inch in 96 inches.
- C. Scribe and cut woodwork to fit adjoining work, and refinish cut surfaces and repair damaged finish at cuts.
- D. Anchor woodwork to anchors or blocking built in or directly attached to substrates. Secure with countersunk, concealed fasteners and blind nailing as required for complete installation. Use fine finishing nails or finishing screws for exposed fastening, countersunk and filled flush with woodwork and matching final finish if transparent finish is indicated.
- 3.3 ADJUSTING AND CLEANING
- A. Repair damaged and defective woodwork, where possible, to eliminate functional and visual defects; where not possible to repair, replace woodwork. Adjust joinery for uniform appearance.
- B. Clean, lubricate, and adjust hardware.
- C. Clean woodwork on exposed and semi-exposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas.

END OF SECTION

LICENSED PROFESSIONAL RICHARD L. SUN

> STATE LICENSE NUMBER 12244

ARCHITECTURAL SPECIFICATIONS

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Suite 105

DATE BY **REVISIONS**

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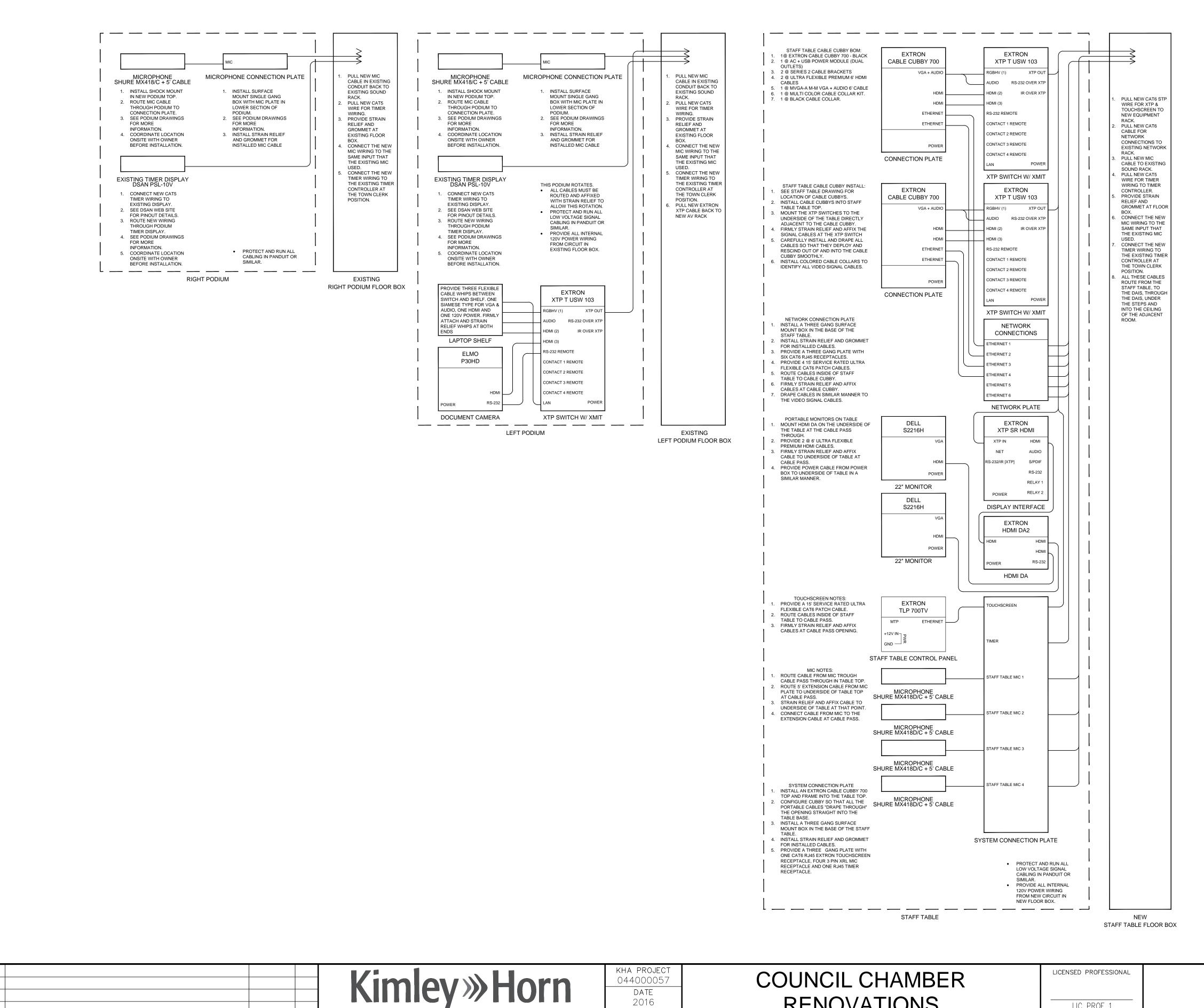
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KHA PROJECT

RENOVATIONS PREPARED FOR THE TOWN OF JUPITER

COUNCIL CHAMBER

FLORIDA DATE: ____



Theatre Design Consulting Theatre Systems Design Acoustic Consulting DESIGN SOLUTIONS, INC 1860 Forest Hill Blvd., Suite 103 ♦ West Palm Beach, FL 33406 Tel (561) 967-4511 ♦ www.tsgds.com SHEET NUMBER

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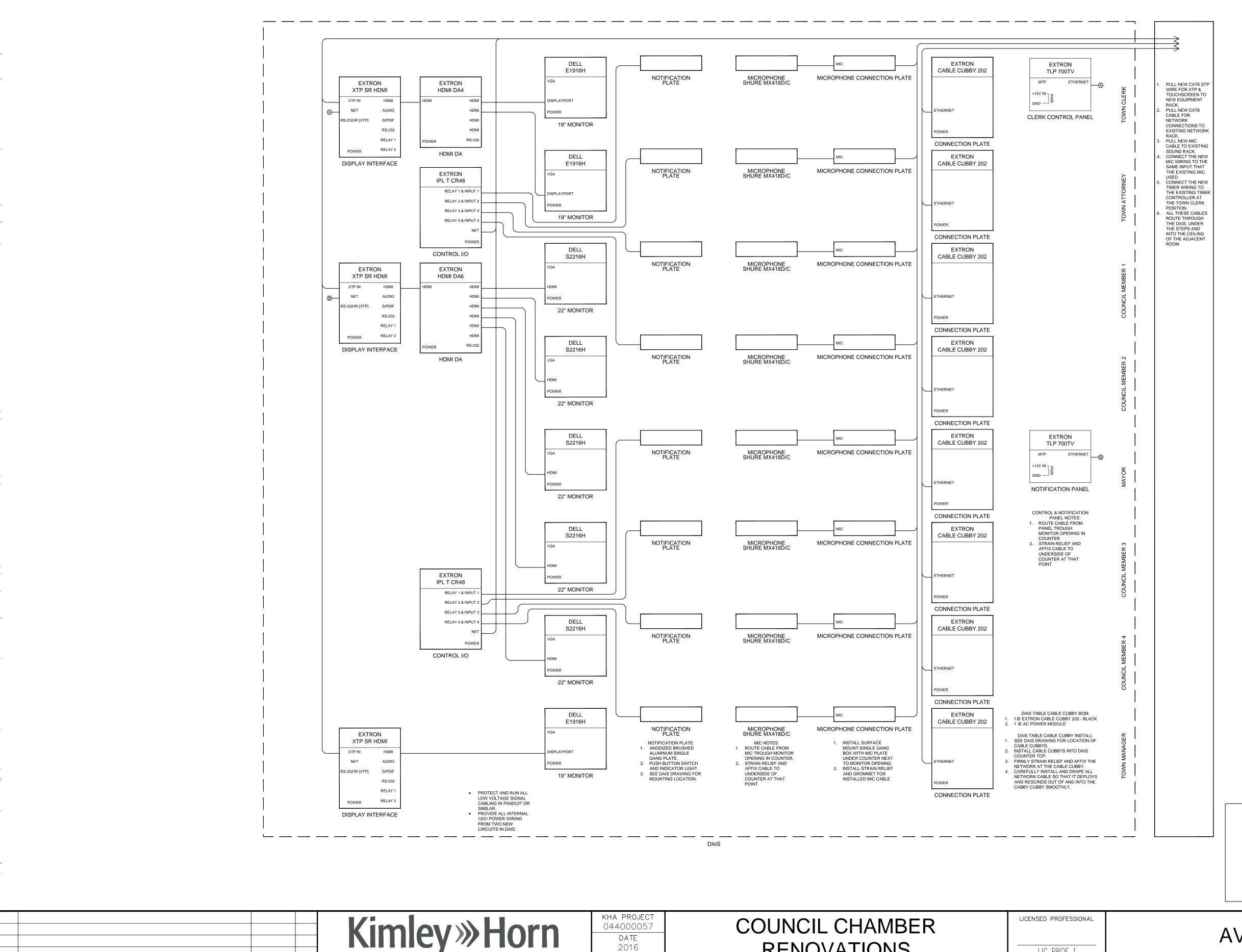
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LIC PROF 1 STATE LICENSE NUMBER LIC PROF 1 #

FLORIDA | DATE: ____

AV SYSTEM ONELINE DIAGRAM PODIUMS & STAFF TABLE

AV1



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Theatre Design Consulting Theatre Systems Design **Acoustic Consulting**

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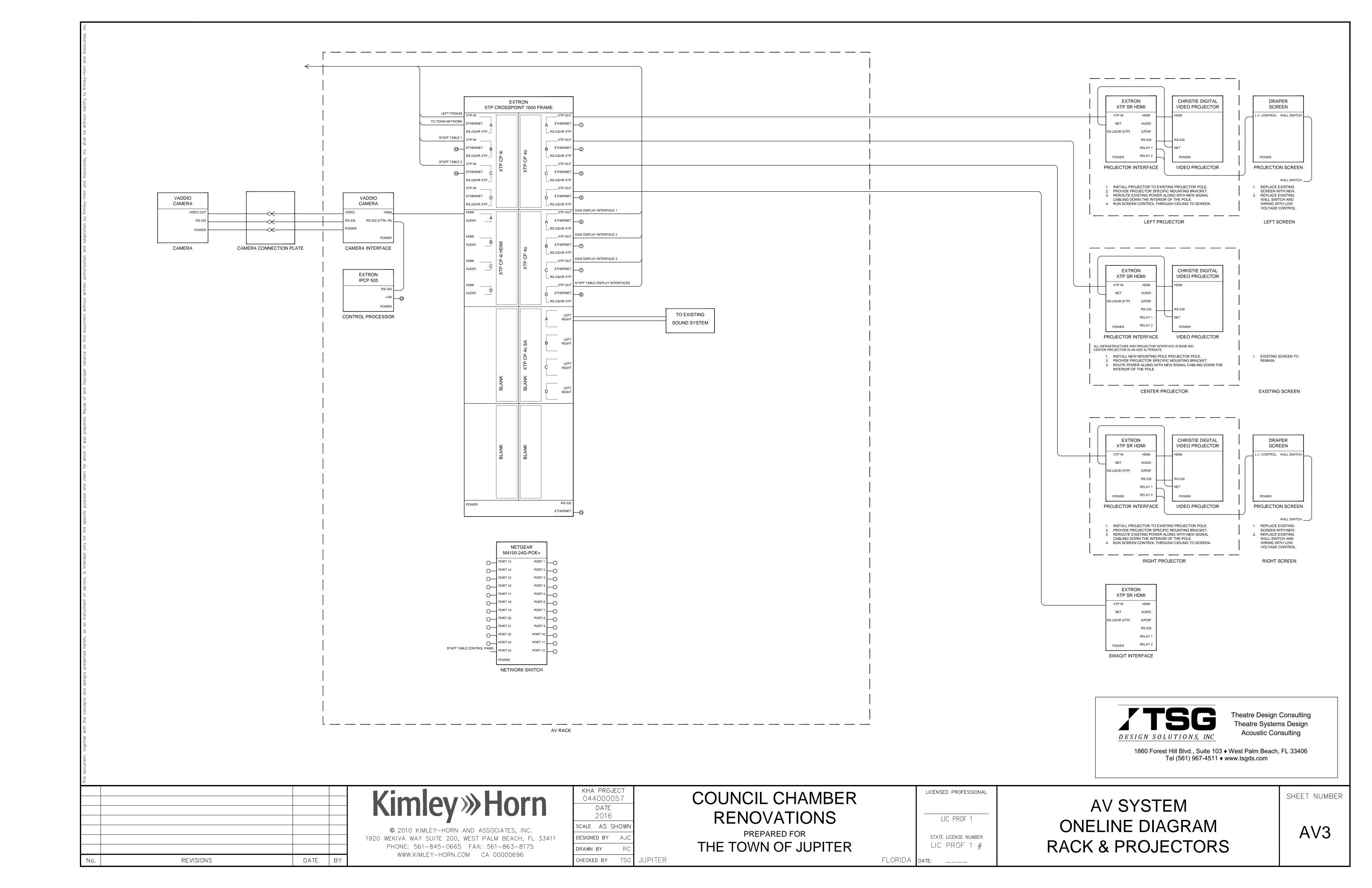
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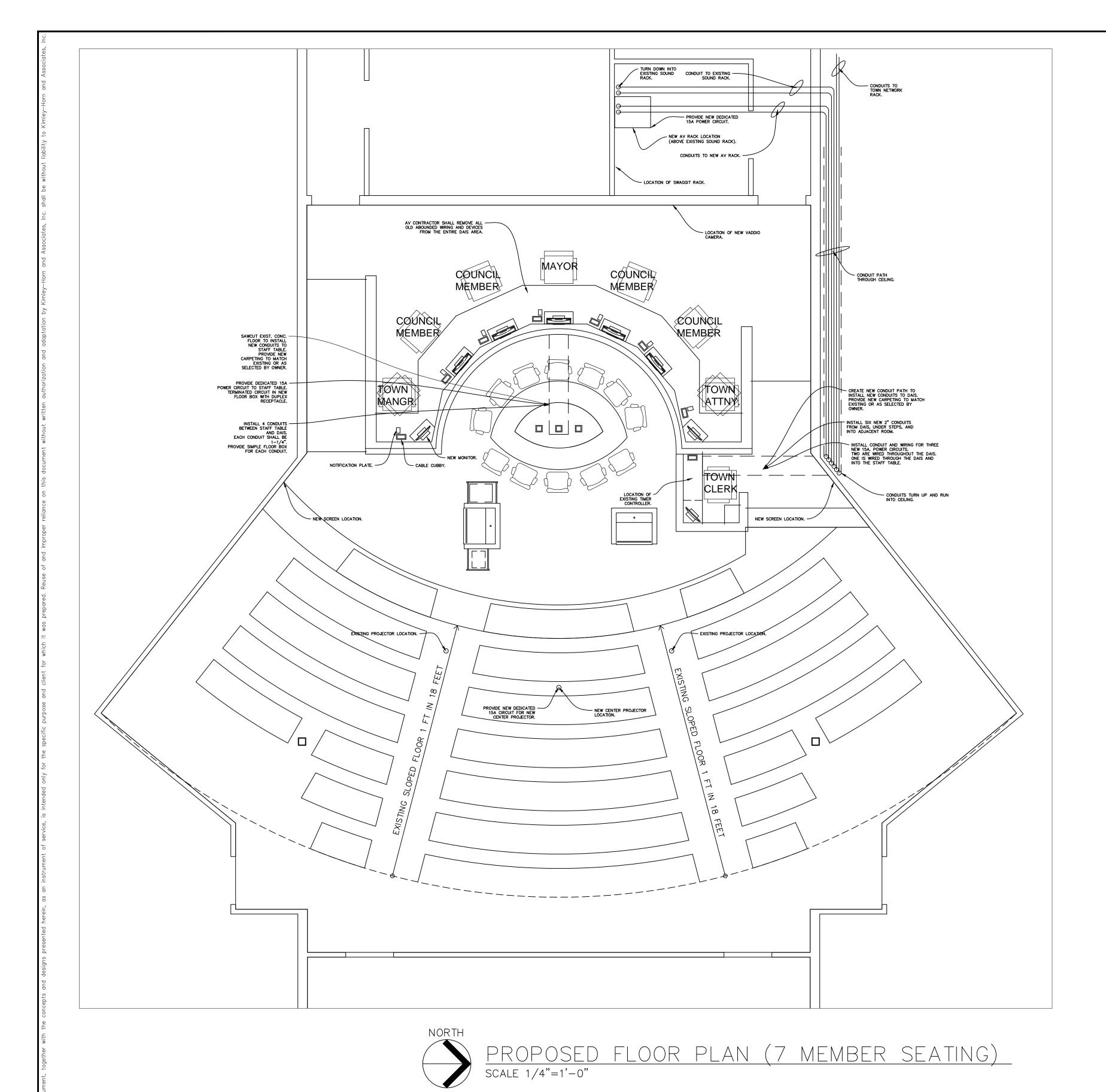
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AV SYSTEM ONELINE DIAGRAM DAIS

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AV2





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FLORIDA DATE: ____

AV SYSTEM **DEVICE LOCATIONS &** ELECTRICAL WORK

SHEET NUMBER

AV4

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REVISIONS

THE TOWN OF JUPITER

	the sound contractor has a history to indicate the following:	PART 3 – EXECUTION 3.1 A. B.	SUBMITTALS: Submittals: The installation contractor, within thirty days of the bid award and prior to beginning work, shall submit all of the following at the same time to the owner for approval: Drawings: Complete shop drawings details and complete on all phases of installation including a minimum of: 1. Device location plan drawing(s) 2. System wiring diagram 3. Make and model of all equipment 4. All connection points on each piece of equipment 5. All wire types 6. All connector types 7. All cable labels 8. Rack elevations 9. Details of all connection plates and custom panels 10. Rack and equipment labels 11. Mounting and rigging details for all equipment 12. Drawing showing the projector, the screen, the throw distance and all lens calculations in plan, elevation and section. Mountings and Attachments: Prior to equipment installation, the sound contractor will submit to the owner detailed scale drawings of all proposed enclosures and speaker mounting or rigging weighing more than ten pounds. All mountings and attachments must be approved and stamped by an engineer licensed in FLORIDA prior to submittal and the beginning of the installation. Materials and Equipment: The sound contractor will submit to the owner a complete list of all materials and	M. N. O. 3.4 A. B. C.	Delaware. 3. Each cluster element is to be individually adjustable. 4. Provide for an adjustment range of +/- 10 degrees from the information shown in the contract documents. 5. In the absence of specific direction otherwise, standard rigging practices shall be followed. Labels: 1. Cable Labels: All cables shall be labeled at all termination points. The label shall not be hand written. Clear heat shrink shall cover the label. 2. Equipment Labels. All equipment shall be labeled front and rear. Labels shall functionally describe the use of each piece of equipment. On equipment having multiple channels, each channel shall be labeled. Additionally the equipment label will call out equipment designation which will correspond with the designations shown on the approved contractor's one-line diagram. Labels shall be engraved lanacoid, white letters on black background, with a minimum letter size of 3/16". Approved patchbay labeling may vary from this. Power Sequencing. The system shall turn on and off, in proper order, on circuit at a time, when the power switch is pressed. The power light shall be solid on when all circuits are on, and shall flash during sequencing. The system may not be used prior to checkout. INSPECTION AND TESTING: During the installation of the equipment the sound contractor shall arrange for access as necessary for inspection of equipment by the owner's and/or architect's representatives. Provide a safe means of accessing all system components for all visits. Equipment Pretesting: All racks are to be built and wired in contractors shop and tested prior to delivery to site. All other equipment is to be tested prior to delivery and installation. A written test report will be submitted to the owner. Final Inspection:		Theatre Design Consulting Theatre Systems Design Acoustic Consulting
B. 1.5 A. 1.6 A. B. C. D. E. F. G. H.	9. Four new town computer network and power connections at the staff table. 10. Four presentation computer video connections at the staff table. 11. New remote control pan / tilt / zoom video camera with presets. 12. New control system with two 7" touch screen display. 13. New audio and video interface to Swagit. 14. Complete control system programming. 15. ADD ALTERNATE - New center projector. 16. Chamber Notification System 1. System consists of notification switches and indicator lights at each dais location. 2. System includes a 7" touch screen display at the Mayor location. 3. System includes a control processor and complete system programming. 4. The touch screen display shows a que of those wishing to speaker, sorted by the order received. 5. When a notification switch (button) is pressed that dais position is placed in the que. 6. Once in the que the light on the plate turns on. 7. The touch screen display can cancel individual or all requests. 8. Once a request is canceled (generally once that dais member has been given the floor) the indication light goes off. 9. A service screen shall be available to customize the name of each dais position. WORK NOT INCLUDED The following items of work, if required, are included in other sections and must be reviewed by the sound contractor for impact on this work: 1. Necessary conduit and raceway runs. CONTRACTOR'S QUALIFICATIONS Only qualified contractors shall be used. The work of this section will be contracted to a single firm, referred to as the contractor. The contractor shall be a systems contractor who regularly engages in the furnishing, installation and servicing of professional systems of similar nature, size, scope and complexity to that contemplated by this specification. The contractor shall have done so for a period of not less than five years preceding the bid date. The contractor shall have maintained for the five years preceding the bid date, a suitably staffed and equipped service organization which has continuously offered maintenance and repair	J. K.	Provide all equipment in the types and quantities shown on the contract drawings. Provide the following equipment in the quantities shown on the contract drawings: 1. Left & Right motorized side screens:	J. K.	 Where terminal blocks or barrier strips are used only uninsulated fork terminals with a brazed seam, sized according to wire and stud sizes, crimped with notch across from the seam will be approved. Use barrier strips on equipment where provided. Where shielded cable is in use leave shield drain wire the same length as the circuit conductor(s), sleeve shield drain wire in green pvc tubing. Cap where the cable jacket was removed with heat shrink. Where the shield drain wire is to be lifted follow the above and fold back over cable jacket. Then cap end with heatshrink. Do not use a single piece of heatshrink for this use two smaller ones. All soldering will be clean and neat and not exhibit evidence of a "cold" joint, were necessary heat sinks will be used. Use only rosin core "electronic type" solder. Wire nuts will be allowed only for field connections of 70 volt speaker lines and priority attenuation control lines, and then only when the proper size is used. Polarity: The "high "side will be connected to pin 2 on XLR connectors, to tip on 1/4" connectors and to the pin on phono connectors. The "low" side will be connected to pin 3 on XLR connectors, to ring on 1/4" balanced connectors and to case on phono connectors. Microphones will be wired so that when a positive going signal is applied to the + or red terminal an acoustic compression is produced. The system will be wired so that when a positive signal at the + or red speaker terminal. Shield Grounding: Do not tie pin 1 to case of XLR connectors anywhere. Microphone shield drain wire be drain wire lifeted from ground at outputs and connected to ground at inputs. Line level lines will have shield drain wire lifeted from ground at outputs and connected to ground at inputs. The intent here is to not make ground loops, should any situation arise which would form a ground loop, lease	3.5 A. B. C. D. E. 3.6 A. B. C. B. C.	c. These charges will be paid to the consultant, in advance of the consultant's arrival on the job site. MANUALS: Prepare four identical copies of owner's manuals. The owner is to receive two, the consultant receives one and the contractor retains one. Before distribution of manuals submit one copy to consultant for approval. Each manual is to contain the following: System one line drawing including all labeling and changes (" as builts "). Owners manual for each piece of equipment. Contractors service phone number in a conspicuous place. All test reports. INSTRUCTION: THE FOLLOWING IS TO BE CARRIED OUT WITHIN TWO MONTHS OF SYSTEM ACCEPTANCE: Provide a total of 12 hours of instruction, on a maximum of two occasions. This is to be time on site, travel time is not to be included within the allotted time. Provide operational assistance for the first usage of the system. This is to be on the owners time schedule but, not to exceed 8 hours. WARRANTY Contractor will warrant the system to be free from defects in materials and workmanship for a period of one year from the date of acceptance, or first beneficial use, which ever comes first. Acts of god and owner abuse, or neglect are not covered. During the warranty period the contractor will respond to and correct any call for service within one day of the call. Loaner equipment will be provided if necessary
AV SYSTEM PART 1 – GENERAL 1.1 A. 1.2 A. B. C. D. E. 1.3 A. B. C. D. E. F. G. H. I. J. K. L. M. N. O. 1.4 A.	RELATED DOCUMENTS Drawings and general provisions of Contract, including General and Supplementary Conditions, Special Conditions and Division-1 Specification sections, apply to work specified in this section. RELATED WORK AND REQUIREMENTS Basic Electrical Requirements Raceways and Conduits Wires and Cables Outlet Boxes Grounding SOOPE OF WORK This section requires the fabrication, furnishing, delivery, installation, testing of the AV system as indicated on the drawings and specified herein. The installation contractor shall provide all materials, equipment, procedures, labor, tools, scaffolds, and incidentals necessary to the scope of work. It is the intention of these specifications that the sound contractor provides a professional quality, complete and properly operating system in every respect and detail. The installation contractor shall examine the plans in detail to familiarize him with the scope of the work. The installation contractor shall examine the plans in detail to familiarize him with the scope of the work. The installation contractor shall examine the plans in detail to familiarize him with the scope of the work. The installation contractor shall provide all inecessary specialty equipment for the complete sound and video system installation as specified herein. The installation contractor shall provide all inecessary specialty equipment for the complete sound and video system as shown on the drawings. Any errors, omissions, or ambiguities found in these documents do not relieve the Contractor of the responsibility of providing all items necessary for complete, safe, fully functional systems. Any errors, on isolons, or ambiguities found in these documents do not relieve the Contractor of the responsibility of providing all items necessary for complete, safe, fully functional systems. Any errors on isolons, or ambiguities found in these documents do not relieve the Contractor of the responsibile for all engineesing, procedures, drawings, equipment, material, means and methods, an	PART 2 – PRODUCTS 2.1 A. B. C. 2.2 A. B. C. D. E. F. G.	i. Name, address and phone number of the general contractor, along with the names of all key SC personal directly involved. j. Name address and phone number of the electrical contractor, along with the names of all key SC personal directly involved. 4. Key Personnel: For each of the key personnel listed below, include individual's name, title, and number of continuous years of service to contractor. Include a biography detailing industry experience, and role within organization (include or ontinuche) state in the property positions). List all industry certifications held, training courses attended, and continuing education credits, including dates of attendance. List recently completed projects, scope of project, and completion dates. a. Project Manager b. Senior Technician c. Service Manager d. Other Department Staff – Include size of staff, and experience of each staff member. 5. Replacement and Spare Parts Inventory – Provide detailed list of primary replacement parts, components, and spares typically held in inventory. 6. Tast Equipment and Physical Plant – Include an inventory of all test facility equipment owned and used regularly by the Service Department. Provide description of physical plant and space utilization. 7. Statement of adequate plant, equipment, test facilities and inventory to pursue the work properly and perform in a timely fashion. 8. Copies of all business and professional licenses and insurance certificates ALTERNATES In no case will equipment or materials of lesser design or workmanship be acceptable. Only those materials and equipment listed in this specification will be considered unless prior approval by a new model, substitutions: When a specific piece of equipment specified has been discontinued and/or replaced by a new model, substitution will be acceptable when: 1. Submission of complete data on the new model or substitute has been approved by the owner prior to equipment approved by the countractor replacement equipment must have been approved there will be no cost	E. F. G. H. 3.2 A. 8. C. D. E. F. G. H.	on dimensions, construction, applications, etc. to permit proper evaluation. In addition, they must be properly identified as to their intended use and any options or variations must be clearly marked. The contractor is to confirm equipment availability at time of submittal. It is assumed that all equipment submitted on is and will be available. Test Equipment: The sound contractor will submit to the owner a list of test equipment to be used to test, equalize and demonstrate the final installation. Schedule: Prior to the commencement of the installation work, the sound contractor shall submit for approval, to the owner, an outline of a proposed commencement and completion schedule and project requirements. Variations: Any deviation from what is specified here and or shown on the system drawings must be "starred" and noted in ½" high letters on the shop drawings and highlighted in the submittal data. Approval of shop drawings and materials does not relieve the Contractor of any responsibilities. COORDINATION WITH OTHER WORK: The sound contractor shall specifically coordinate the placement and sizes of conduit relating to this work and shall specifically review and approve the conduit rough-in in time to advise all parties of needed changes, omissions, etc. The sound contractor shall report this successful coordination in writing to the owner's representative. Falling this, the following will be enforced: The sound contractor shall provide and install any additional conduits required for the hookup, proper location and proper isolation of the various cable / signal types and equipment in the systems. The sound contractor shall provide and install any additional conduits required for the hookup, proper location and proper isolation of the various cable / signal types and equipment in the systems. The sound contractor shall report this provide and install any additional conduits required for the hookup, proper location and proper isolation of the various cable / signal types and equipment in the systems. The so	E. F.	1. The final inspection will confirm that the systems, as installed, meats the requirements of this spec, the contract documents, and the approved contractor's shop drawing and submittals. The contractor will inform the owner in writing of the system's completion. The contractor will then request final inspection by the consultant, and carry out the necessary coordination. This coordination includes. a. Giving at least fourteen days notice to the consultant prior to the final inspection. b. Arranging for the contractor's and consultant's exclusive use of the space. c. Arranging for a HVAC technician to be available to control the stage lightling as required. d. Arranging for a lightling technician to be available to control the stage lightling as required. e. The contractor's job foreman and one additional worker familiar with the job will be present during all check out, testing and truining. 3. Contractor will complete the following tasks prior to consultant's arrival: a. Unpack and assemble all protable equipment. b. Place all portable equipment in one location. c. If anything has been turned over to the owner have the signed Letters of Transmittal on site. d. Complete all required papenwork (pre-testing reports, letters indicating successful coordination of the installation, etc.). c. Remove all security covers. 4. Contractor will provide all necessary software, cables, and interfaces to facilitate the setting of computer, remote controlled, or DSP based equipment. 5. Contractor will provide all necessary software, cables, and interfaces to facilitate the setting of computer, remote controlled, or DSP based equipment. 6. Contractor will provide the following test equipment for use during tuning and acceptance testing: a. Sennheiser ZP-3 impedance bridge. b. Low distortion sine wave oscillator with variable sweep (start frequency, stop frequency, and sweep rate). C. Distortion meter. d. Oscilloscope dual channel, 100Mhz, .001v/div vertical amp. Noise generator that will provide pink, white

PREPARED FOR

THE TOWN OF JUPITER

STATE LICENSE NUMBER
LIC PROF 1 #

FLORIDA DATE:

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DATE BY

DESIGNED BY AJO

CHECKED BY TSG JUPITER

DRAWN BY

AV SYSTEM SPECIFICATION

AV5