Chitimacha School – HVAC and Roof Replacement

LAGC Plan Room - Southwest

Project documents obtained from www.CentralBidding.com

26-Feb-2026 02:02:32 PM

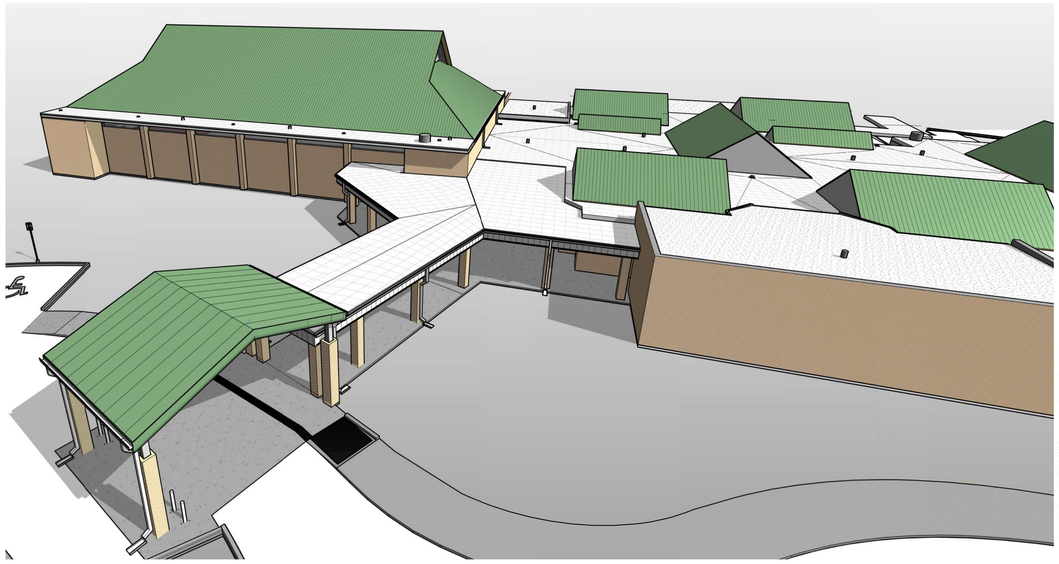
CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

CONSTRUCTION DOCUMENTS

SUBMITTAL DATE: 12-05-2025

OWNER PROJECT NUMBERS

HVAC: AB761006
ROOFING: AB779452



CHITIMACHA TRIBE OF LOUISIANA
CHARENTON, LOUISIANA

Graphic Symbols

SPECIFICATION SECTION
07 92 00.A1
KEYNOTE REFERENCE
ARCHITECTURAL KEYNOTE

DETAIL NUMBER
4A5.1
SHEET NUMBER
TYPICAL REFERENCE NUMBER

DETAIL NUMBER
1
SIM
A101
SIM: SIMILAR, OPP: OPPOSITE HAND
SHEET NUMBER
SECTION OR DETAIL REFERENCE

SIM
1
A101
DETAIL NUMBER
SHEET NUMBER
DETAIL AREA
DETAIL REFERENCE

101
DOOR MARK AND NUMBER

1i
WINDOW MARK AND NUMBER

1i
WALL
LARGE
1i
WALL
SMALL
PARTITION REFERENCE LARGE AND SMALL

EXISTING SPOT ELEVATION

E: 22.2
NEW SPOT ELEVATION

2
DETAIL NUMBER
VIEW DIRECTION
A5.01
SHEET NUMBER
INTERIOR ELEVATION

1
A101
EXTERIOR ELEVATION

Project Directory

PROJECT ADDRESS

3613 CHITIMACHA TRAIL
JEANERETTE, LA 70544

OWNER

CHITIMACHA TRIBE OF LOUISIANA

OWNER CONTACT

BRIAN HEADLY
BUSINESS & DEVELOPMENT DIRECTOR
PHONE: 337-923-4000

ARCHITECT

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LAFAYETTE, LA 70501
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FAX: 337-237-2213

ARCHITECT'S CONTACT PERSON

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MECHANICAL AND ELECTRICAL ENGINEER

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3909 WEST CONGRESS ST.
LAFAYETTE, LA 70506
PHONE: 337-234-5710

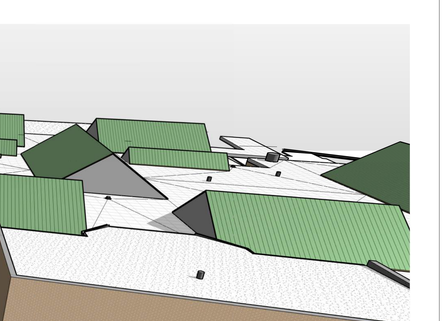
STRUCTURAL ENGINEER

FOX-NESBITT ENGINEERING, LLC
CONTACT: TRAVIS FOX
9100 BLUEBONNET CENTRE BOULEVARD, SUITE 301
BATON ROUGE, LA 70809
PHONE: 225-293-6595

CIVIL ENGINEER

BLUEWING CIVIL CONSULTING
CONTACT: ALEX GUILLORY
604 JOHNSTON ST.
LAFAYETTE, LA 70501
PHONE: 337-419-0911

Vicinity Map



Project Description

THE CHITIMACHA SCHOOL HVAC/ROOF PROJECT CONSISTS OF A FULL ROOF REPLACEMENT INCLUDING A NEW MODIFIED BITUMEN MEMBRANE (PVC AT SELECT AREAS), TAPERED INSULATION, AND MISCELLANEOUS FLASHING/WATERPROOFING (EXISTING PITCHED METAL ROOFING TO REMAIN). EXTERIOR WATERPROOFING ENHANCEMENTS TO THE SHELL/FACADE OF THE MAIN BUILDING IS ALSO INCLUDED. ALL MECHANICAL UNITS AND SELECT MECHANICAL DUCTS ARE BEING REPLACED. INTERIOR FRAMING/CEILINGS/FINISHES WILL HAVE TO BE REMOVED AND REPLACED WHERE NEEDED TO ACCOMMODATE MECHANICAL SYSTEM WORK.

GENERAL PROJECT SCOPE OF WORK NOTES:

REFER TO FULL CONTRACT DOCUMENTS FOR FULL SCOPE OF WORK, INCLUDING ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL , AND PLUMBING ITEMS.

ROOFING UPGRADES:
1. COMPLETE ROOF REPLACEMENT OF MEMBRANE ROOF.
2. ROOF FLASHING / PARAPET COPING REPLACEMENT, REPLACE ROOF FLASHING AT BUILDING PERIMETER.
3. INTERNAL DRAIN AND/OR SCUPPER MEMBRANE / FLASHING REPLACEMENT.
4. REPLACEMENT OF ROOF FLASHING AT PENETRATIONS.
5. ROOF GUTTER REPLACEMENTS IF REMOVED TO REPLACE FLASHING.
6. ROOF DOWNSPOUT REPLACEMENT IF REMOVED TO REPLACE FLASHING.
7. ROOF CURBS AT ROOFTOP UNITS.
8. MISC. STEEL FRAMING TO ADDRESS NEW ROOF OPENINGS.
9. REPLACE ROOF INSULATION AT ABOVE DECK CONDITIONS.
10. WHERE DECK MAY BE DAMAGED, REPLACE SELECTED LOCATIONS OF DAMAGED DECK.
11. REPLACE ROOF DRAINS WHERE DAMAGED.

EXTERIOR WATERPROOFING IMPROVEMENTS:
12. RE-SEAL EXTERIOR WINDOWS.
13. SEAL OFF SOFFIT CONDITIONS TO ADDRESS MOISTURE INTRUSION AT EXTERIOR WALLS.

EXTERIOR WALKWAY AND DRIVEWAY CANOPY REPLACEMENT:
14. NEW STRUCTURAL STEEL CANOPY INCLUDING:
    - MODIFIED BITUMEN ROOF SYSTEM & METAL STANDING SEAM ROOF SYSTEM
    - BRICK WRAPPED COLUMNS TO MATCH EXISTING BUILDING
    - METAL PANEL SOFFITS & FASCIA
    - RECESSED LIGHTING (PER ELECTRICAL DESIGN)
15. NEW CONCRETE PAVING (SIDEWALK AND DRIVES PER CIVIL DESIGN)
16. SITE GRADING MODIFICATIONS AS REQUIRED TO SURFACE DRAIN ROOF STORM WATER
17. DEMO EXISTING WALKWAY AND DRIVEWAY CANOPY AND ALL ASSOCIATED STRUCTURE & FOUNDATIONS. DEMO EXISTING CONCRETE PAVING TO ACCOMMODATE NEW CANOPY AND STRUCTURE.

ADDITIONAL PROJECT SCOPE NOTES:

THE FOLLOWING NOTES ARE PROVIDED AS A GENERAL SYNOPSIS OF WORK ASSOCIATED WITH THESE CONTRACT DOCUMENTS:

WORK IN SCOPE:

1. ANY IMPACTS TO VEHICULAR TRAFFIC AND/OR DELIVERIES SHALL BE PLANNED IN ACCORDANCE WITH THE MUTCD. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THIS WITH THE OWNER.
2. ALL EXTERIOR AND INTERIOR AREAS NOT INVOLVED IN THE SCOPE OF WORK SHALL BE KEPT CLEAN AND FREE OF OBSTRUCTIONS AT ALL TIMES. IF REQUIRED BY OWNER ERECT TEMPORARY BARRIERS INCLUSIVE OF BARRICADES AND WARNING SIGNS DIVERTING AND WARNING THE BUILDING USERS AND THE GENERAL PUBLIC OF DEMOLITION AND CONSTRUCTION WORK.
3. REFER TO ADDITIONAL INFORMATION AS PROVIDED OR INDICATED IN THE ADVERTISEMENT FOR BID.
4. WORK ASSOCIATED WITH THE WORK WILL INVOLVE THE MOVEMENT, IN SOME CASES THE CATALOGUING AND MOVEMENT, AND REPLACEMENT OF FFE ITEMS. REFER TO THE CONTRACT DOCUMENTS FOR A FURTHER DESCRIPTION OF THESE REQUIRED SERVICES THAT WILL BE UNDER THE GENERAL CONTRACTOR'S SCOPE.
5. REFER TO THE DEMOLITION NOTES THIS SHEET ON INFORMATION WHICH MAY INCLUDE HAZARDOUS MATERIALS.

WORK NOT INCLUDED OR BY OTHERS:
1. WORK DOES NOT INCLUDE DESIGN CHANGES OR PLAN CHANGES UNLESS SPECIFICALLY IDENTIFIED IN THESE DOCUMENTS. THE INTENT IS TO REPAIR OR REPLACE THE EXISTING COMPONENTS OR SYSTEMS WITH LIKE COMPONENTS OR SYSTEMS AS MAY BE APPROPRIATE OR REQUIRED BY CODE. NOTE THAT THERE MAY BE UPGRADES DUE TO BUILDING CODE OR MITIGATION MEASURES.
2. ANY WORK SPECIFICALLY IDENTIFIED IN A PARTICULAR BUILDING AREA NOTED AS NOT IN SCOPE OR NOT IN CONTRACT.

PROJECT GENERAL NOTES:

GENERAL:
1. THESE NOTES SHALL NOT BE CONSTRUED AS ALTERING ANY REQUIREMENT OF THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, AND ARE PROVIDED HERE TO HELP CLARIFY THE ROLE, PURPOSE, AND IMPORTANCE OF THE DOCUMENTS PROVIDED.
2. ALL WORK DESCRIBED HEREIN IS INTENDED TO BE PERFORMED IN STRICT ACCORDANCE WITH ALL LAWS, CODES, AND ORDINANCES IN FORCE. INTERPRETATIONS THAT DEVIATE FROM ARE TO BE APPROVED IN WRITING BY AUTHORITIES HAVING JURISDICTION. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY OBSERVED NON-COMPLIANT CONDITIONS.
3. THESE DOCUMENTS REPRESENT THE DESIGN INTENT FOR THE SUBJECT CONSTRUCTION AND ARE NOT INTENDED TO BE A COMPLETE SET OF INSTRUCTIONS ON HOW TO CONSTRUCT A BUILDING PROJECT. IN THE EVENT OF A DISCREPANCY IN ANY PORTION OF THE CONTRACT DOCUMENTS, THE MORE SPECIFIC AND MORE DETAILED DESCRIPTIVE INFORMATION WILL TAKE PRECEDENCE OVER THE GENERAL AND LESS DETAILED DESCRIPTION. IN THE CASE OF DOUBT, THE CONTRACTOR SHALL ASSUME THAT THE OWNER INTENDS THAT THE MORE COMPLETE AND/OR MORE EXPENSIVE METHOD, SYSTEM OR PROCESS IS REQUIRED.
4. THE DESIGN INTENT OF THE CONTRACT DOCUMENTS IS TO INCLUDE ALL ITEMS NECESSARY FOR COMPLETE AND FULLY FUNCTIONAL INSTALLATION OF PRODUCTS AND SYSTEMS IDENTIFIED. ONLY ITEMS SPECIFICALLY INDICATED AS "BY OTHERS" OR "OWNER INSTALLED" MAY BE EXCLUDED FROM SCOPE.
5. THESE DRAWINGS SHALL BE TAKEN AS A PART OF THE ENTIRE PROJECT DESIGN INFORMATION, AND SHALL BE USED IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS, REFERENCE DOCUMENTS, PERFORMANCE SPECIFICATIONS, AND ANY OWNER-SUPPLIED CRITERIA TO CONVEY THE REQUIREMENTS OF THE DESIGN. ANYTHING MENTIONED IN ONE POTION OF THE DOCUMENTS (I.E. THE SPECIFICATIONS) AND NOT SHOWN ON ANOTHER (I.E. THE DRAWINGS), OR SHOWN IN THE DRAWINGS BUT NOT IN THE SPECIFICATIONS SHALL BE INTERPRETED AS BEING IN BOTH. SPECIFIC INFORMATION SHALL TAKE PRECEDENCE OVER LESS SPECIFIC INFORMATION, REGARDLESS OF ITS LOCATION. THE COST OF SUCH COMPLETE SYSTEM OR ASSEMBLY SHALL BE INCLUDED WITHIN THE CONTRACT AMOUNT.
6. THE CONTRACTOR SHALL PLAN HIS WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCY IN THE DOCUMENTATION PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS AND METHODS REQUIRED TO CONSTRUCT THE PROJECT IN COMPLIANCE WITH THE DESIGN INTENT. THE DESIGN TEAM AND OWNER DOES NOT DICTATE THOSE METHODS, ONLY INTENT.
7. THE CONTRACTOR SHALL IN ALL CASES PROVIDE FOR AND ENFORCE A SAFE, CLEAN, AND WORKMANLIKE JOBSITE AND APPLY CONSTRUCTION INDUSTRY STANDARD BEST PRACTICES OR "BETTER" TO ALL CONSTRUCTION AND RELATED ACTIVITIES IN PERFORMANCE OF HIS RESPONSIBILITIES AND THOSE OF HIS SUBCONTRACTORS. HOWEVER, THE WORK ITSELF SHALL CONFORM TO THE INTENT OF THE CONTRACT DOCUMENTS, NOT NECESSARILY TO "COMMON PRACTICE" OR PERFORMANCE ON PREVIOUS PROJECTS.
8. ALL PROJECT COMMUNICATIONS SHALL BE FORMALIZED IN WRITING. NOTE THAT INFORMAL TEXT MESSAGING OR OTHER COMMUNICATIONS ON MOBILE DEVICES SHALL NOT CONSTITUTE "FORMALIZED IN WRITING."
9. THE CONTRACTOR SHALL REVIEW AND DEMONSTRATE UNDERSTANDING OF THE DESIGN INTENT DEPICTED HERE THROUGH SUBMITTAL OF REQUESTED PROJECT COORDINATION DRAWINGS, SAMPLES, MATERIALS, PRODUCT DATA, MOCK-UPS, AND OTHER REQUESTED COMMUNICATIONS.
10. PERFORM THE WORK AT THE PROJECT SITE DURING THE OWNER'S NORMAL BUSINESS HOURS, UNLESS OTHERWISE NOTED. OCCUPANTS WITHIN AND ADJACENT TO THE PROJECT SHALL CONTINUE UNINTERRUPTED OCCUPANCY DURING CONSTRUCTION OF THE PROJECT UNLESS COORDINATED IN ADVANCE. COORDINATE ALL LOGISTICS WITH OWNER, THROUGH THE ARCHITECT.
11. VERIFY FIELD CONDITIONS FOR COORDINATION WITH THE PROJECT DOCUMENTS PRIOR TO PROCEEDING WITH THE WORK. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
12. COORDINATE THE WORK WITH ANY EQUIPMENT, FURNISHINGS, AND SYSTEMS PRESENTED BY THE OWNER/ARCHITECT FOR IMPLEMENTATION PRIOR TO OR DURING CONSTRUCTION.
13. AT THE END OF THE LIEN PERIOD, PAYMENT SHALL BE APPROVED FOR ALL PUNCH LIST ITEMS COMPLETED AT THAT TIME. AFTER THAT PAYMENT, NONE OF THE REMAINING FUNDS SHALL BE DUE THE CONTRACTOR UNTIL ALL PUNCH LIST ITEMS ARE COMPLETED AND ARE ACCEPTED BY THE ARCHITECT AND OWNER. IF THE DOLLAR VALUE OF THE PUNCH LIST EXCEEDS THE AMOUNT OF FUNDS, LESS THE RETAINAGE AMOUNT, IN THE REMAINING BALANCE OF THE CONTRACT, THEN THE PROJECT SHALL NOT BE ACCEPTED AS SUBSTANTIALLY COMPLETE. IF THE FUNDS REMAINING ARE LESS THAN THAT REQUIRED TO COMPLETE THE WORK, THE CONTRACTOR SHALL REIMBURSE THE OWNER THE DIFFERENCE.

DEFINITIONS:
1. "TYPICAL" OR "TYP" INDICATES AN IDENTICAL COMPLETE SYSTEM SHALL BE PROVIDED FOR ALL OCCURRENCES OF THE CONDITION NOTED.
2. "SIMILAR" OR "SIM" INDICATES COMPLETE SYSTEM AND COMPONENTS SHALL BE PROVIDED COMPARABLE TO THE CHARACTERISTICS OF THE DESIGN INTENT FOR THE CONDITION NOTED. SOME MODIFICATIONS MAY BE REQUIRED.
3. "AS REQUIRED" OR "AS REQ" INDICATES THAT COMPONENTS REQUIRED TO COMPLETE THE NOTED SYSTEM AS INDICATED IN THE PROJECT DOCUMENTS SHALL BE PROVIDED.
4. "ALIGN" INDICATES ACCURATELY PROVIDE FINISH FACES OF MATERIALS IN STRAIGHT, TRUE, AND PLUMB RELATION TO ADJACENT MATERIALS.
5. "ABOVE FINISHED FLOOR" OR "AFF" INDICATES A PLUMB MEASUREMENT TO THE NEAREST ADJACENT FLOOR SURFACE OF THE PROPOSED COMPLETED WORK.
6. "VERIFY" OR "VOJ" INDICATES THAT CONDITIONS SHOWN MUST BE VERIFIED ON THE JOBSITE TO DETERMINE WHETHER THE INDICATED CONDITION IS ACCURATE. NOTIFY THE ARCHITECT OF ANY DISCREPANCY OR CHANGES IN THE WORK REQUIRED BY VARYING SITE CONDITIONS.
7. "VARIES" INDICATES THAT THE NOTED CONDITION MAY DIFFER FROM ONE LOCATION TO THE NEXT. CONFIRM CONDITIONS WITH OTHER DOCUMENTATION.

DIMENSIONS:
1. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE INTENDED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS.
2. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.
3. NOTIFY THE ARCHITECT OF ANY DIMENSIONAL DISCREPANCY PRIOR TO PROCEEDING WITH THE WORK.
4. DIMENSIONS ARE INDICATED TO THE CENTERLINE OF THE STRUCTURAL GRID, FACE OF CONCRETE, FACE OF PARTITION STUD STRUCTURE AS INDICATED UNLESS OTHERWISE NOTED. FLOOR ELEVATIONS ARE INDICATED TO THE FACE OF THE STRUCTURAL SLAB, UNLESS OTHERWISE NOTED.
5. VERTICAL DIMENSIONS ARE INDICATED FROM THE FLOOR ELEVATION TO FACE OF FINISHED MATERIAL AT THE DIMENSION POINT, UNLESS NOTED "AFF", MEANING ABOVE FINISH FLOOR.
6. DIMENSIONS INDICATING "CLEAR" SHALL INDICATE THE MINIMUM DISTANCE REQUIRED FROM FINISH FACE TO FINISH FACE.
7. "ALIGN" SHALL REQUIRE THAT THE FINISH FACE AND/OR INDICATED SURFACES SHALL BE IN THE SAME PLANE, ALIGNMENT OF PARTITIONS AND FINISHES SHALL BE STRAIGHT, TRUE & PLUMB.
8. THE PRIORITY FOR PROJECT DIMENSIONS SHALL BE IN THE FOLLOWING ORDER:
   1) MINIMUM DIMENSION FOR BARRIER FREE ACCESSIBLE CLEARANCE & BUILDING CODE
   2) DIMENSIONS MARKED "CLEAR"
   3) ALL OTHER DIMENSIONS

NOTIFY ARCHITECT OF ANY DIMENSIONAL DISCREPANCY, ESPECIALLY AS RELATED TO STRUCTURAL AND LIFE-SAFETY FEATURES OF THE PROJECT.

CODE DATA:

ZONING

NA

APPLICABLE CODES

NATIONAL ELECTRIC CODE - NFPA 70, 2023 ED.
NFPA 5000, 2024 ED.
STANDARD TYPES OF BUILDING CONSTRUCTION - NFPA 220, 2024 ED.
UNIFORM MECHANICAL CODE, 2024 ED.
UNIFORM PLUMBING CODE, 2024 ED.
LIFE SAFETY CODE (LSC) - NFPA 101, 2024 EDITION
NFPA 13: STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2022 EDITION
AMERICANS WITH DISABILITIES ACT & ARCHITECTURAL BARRIERS ACT ACCESSIBILITIES GUIDELINES (ADAABAAG), JULY 23, 2004 ED.

BUILDING RISK CATEGORY

CATEGORY - III

BUILDING WIND SPEED

149 MPH

OCCUPANCY CLASSIFICATION

EDUCATION (NFPA)

CONSTRUCTION TYPES

NFPA - V(000)

ADA NOTE:
ALL ELEMENTS WITHIN THIS SUBMITTAL HAVE BEEN DESIGNED TO COMPLY WITH THE REGULATIONS SET FORTH IN THE AMERICANS WITH DISABILITIES ACT & ARCHITECTURAL BARRIERS ACT ACCESSIBILITIES GUIDELINES (ADAABAAG), JULY 23, 2004 ED., AND MEET THE GUIDELINES FOR ACCOMMODATING CHILDREN OF GRADES K-8, AGES 5 - 14.

ROOF FALL PROTECTION / FALL ARREST SYSTEM NOTE:
CONTRACTOR TO PROVIDE PORTABLE/MOBILE FALL PROTECTION / FALL ARREST SYSTEM AS NOTED IN SPECIFICATIONS. SYSTEM LOCATIONS AND QUANTITIES TO BE DELEGATED DESIGN. CONTRACTOR TO COORDINATE W/ OWNER PRIOR TO ORDERING AND INSTALLING EQUIPMENT. SYSTEM MUST BE FULLY OSHA COMPLIANT FOR MAINENANCE OF ROOFTOP EQUIPMENT.

DEMOLITION GENERAL NOTES:

THE FOLLOWING DEMOLITION NOTES ARE GENERAL AND ARE APPLICABLE WHEN AND WHERE DEMOLITION ACTIVITIES APPLY. ADDITIONAL REQUIREMENTS MAY EXIST IN THE SPECIFICATIONS OR ELSEWHERE WITHIN THE CONTRACT DOCUMENTS.

1. VERIFY ALL EXISTING CONDITIONS BY MAKING VISITS TO THE PROJECT SITE PRIOR TO BEGINNING ANY DEMOLITION WORK. GATHER INFORMATION THROUGH MEETING WITH OWNER, OWNER REPRESENTATIVES, AND/OR ARCHITECT AND COORDINATE WITH ALL RESPONSIBLE PARTIES. REFER ANY QUESTIONS REGARDING EXISTING FACILITIES TO ARCHITECT, OWNER, OR OWNER'S FACILITIES MANAGER BEFORE BEGINNING ANY WORK.
2. ORIGINAL BUILDING DRAWINGS EXIST AND MAY BE ACCESSED BY CONTACTING THE OWNER.
3. SHOULD PHASED DEMOLITION BE REQUIRED THE CONTRACTOR SHALL DETERMINE AND COORDINATE ALL PHASING REQUIREMENTS WITH OWNER IN ORDER TO MAINTAIN THE PROJECT SCHEDULE.
4. ALL EXTERIOR AND INTERIOR AREAS NOT INVOLVED IN THE SCOPE OF WORK SHALL BE KEPT CLEAN AND FREE OF OBSTRUCTIONS AT ALL TIMES. IF REQUIRED BY OWNER ERECT TEMPORARY BARRIERS INCLUSIVE OF BARRICADES AND WARNING SIGNS DIVERTING AND WARNING THE BUILDING USERS AND THE GENERAL PUBLIC OF DEMOLITION AND CONSTRUCTION WORK.
5. CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL MEANS OF EGRESS THAT MAY BE OBSTRUCTED DURING DEMOLITION AND CONSTRUCTION ACTIVITIES. TEMPORARY MEANS OF EGRESS SHALL BE PROVIDED FOR IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES.
6. COORDINATE ALL DEMOLITION WORK WITH THE OWNER OR DESIGNATED OWNER'S REPRESENTATIVE.
7. PROTECT EXISTING FACILITIES, ADJACENT FACILITIES, ADJACENT WALLS, FINISHES, AND EQUIPMENT, ETC. DURING DEMOLITION AND CONSTRUCTION ACTIVITIES INCLUSIVE OF ALL EXISTING SURFACES TO REMAIN IN PLACE.
8. ANY DAMAGE CAUSED TO THE SITE OR BUILDING OR ADJACENT SITES, BUILDINGS OR SPACES SHALL BE REPAIRED OR REPLACED BACK TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
9. HAZARDOUS MATERIALS NOTE:
   A. NO HAZARDOUS MATERIALS ARE ANTICIPATED. SHOULD ANY HAZARDOUS MATERIALS BE ENCOUNTERED AT ANY TIME DURING THE PROJECT STOP WORK IMMEDIATELY. NOTIFY OWNER AND ARCHITECT IN WRITING. DO NOT CONTINUE WITH WORK UNTIL HAZARD HAS BEEN ELIMINATED AND WRITTEN AUTHORIZATION TO PROCEED HAS BEEN PROVIDED. HAZARDOUS MATERIALS INCLUDE ITEMS SUCH AS BUT NOT LIMITED TO ASBESTOS, PCB'S, CHEMICALS, HAZARDOUS EXHAUST, MOLD, ETC.
10. ALL MATERIALS, DEBRIS, ETC. CREATED AND ACCUMULATED DURING DEMOLITION, UNLESS SPECIFICALLY IDENTIFIED BY THE OWNER OR OWNER'S REPRESENTATIVES OR OTHERWISE INDICATED IN THESE DOCUMENTS TO BE RELISED OR SALVAGED AND TURNED OVER TO THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR. WASTE AND DEBRIS SHALL BE RECYCLED WHENEVER POSSIBLE. MATERIALS, DEBRIS, ETC. THAT CANNOT BE RECYCLED SHALL BE DISPOSED OF OFF SITE. TRASH AND DEBRIS SHALL BE REMOVED VIA WHEELED CONTAINERS THAT ARE COVERED. MATERIALS AND DEBRIS ARE TO BE REMOVED DAILY AND NOT ALLOWED TO ACCUMULATE.
11. DAMAGE TO EXISTING SYSTEMS AND ASSEMBLIES AND/OR FIRE PROTECTION SYSTEMS SHALL BE REPAIRED TO MEET THEIR ORIGINAL CONDITION AS APPROVED BY THE AUTHORITIES HAVING JURISDICTION AND/OR AS CONSTRUCTED IN ACCORDANCE WITH PUBLISHED UNDERWRITER'S LABORATORIES OR OTHER REQUIREMENTS INDICATED IN OWNER'S DRAWINGS. THIS INCLUDES BUT IS NOT LIMITED TO MEP SYSTEMS AND COMPONENTS OF SYSTEMS, COMPONENTS THROUGH EXISTING FIRE RATED WALLS, EXISTING FIRE WALLS, RATED ASSEMBLIES, SHAFT ENCLOSURES, STRUCTURAL FIRE RATING ASSEMBLIES AND FIRE PROOFING, DOORS, ALARM SYSTEM DEVICES, SECURITY DEVICES AND CONTROLS.
12. EXISTING ITEMS SHOWN DASHED ARE TO BE REMOVED IN THEIR ENTIRETY OR AS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS.
13. BRACE EXISTING CONSTRUCTION AS REQUIRED TO ALLOW PROPER DEMOLITION BUT MAINTAIN STRUCTURAL STABILITY AND INTEGRITY AND LIFE SAFETY. CONTRACTOR IS RESPONSIBLE FOR ALL BRACING AND SHORING REQUIRED FOR THE WORK. SERVICES OF AN INDEPENDENT ENGINEER SHALL BE ENGAGED FOR DESIGN OF SUCH BRACING AND SHORING.
14. REMOVE OR TIE IN TO MECHANICAL, PLUMBING, FIRE PROTECTION AND/OR ELECTRICAL SYSTEMS AND/OR COMPONENTS AS REQUIRED FOR CONNECTION OF NEW WORK.
15. PROJECT DEMOLITION WORK MAY NOT BE LIMITED IN SCOPE TO ITEMS LISTED OR REFERENCED IN THE DEMOLITION DRAWINGS. ADDITIONAL WORK MAY BE REQUIRED FOR REMOVAL OF COMPONENTS, SYSTEMS, EQUIPMENT, ETC. CONTRACTOR SHALL REFER TO AND COORDINATE WITH ALL DISCIPLINES FOR DEMOLITION WORK THAT MAY BE REQUIRED FOR REMOVAL AND REQUIRED BY NEW CONSTRUCTION. SUCH WORK NOT NECESSARILY INDICATED IN CONTRACT DOCUMENTS AND DEMOLITION DRAWINGS SPECIFICALLY IS CONSIDERED PART OF THE COMPLETE SCOPE OF WORK AND DOES NOT RELIEVE CONTRACTOR OF RESPONSIBILITY FOR PERFORMING SUCH WORK. ADDITIONALLY, SUCH DEMOLITION WORK. MAY BE IDENTIFIED OR OTHERWISE ADDRESSED IN DOCUMENTS OUTSIDE OF CONTRACT DOCUMENTS SUCH AS BUT NOT LIMITED TO SHOP DRAWINGS, OWNER PROVIDED SYSTEMS DRAWINGS AND THE LIKE. SCOPE MAY ALSO REQUIRE WORK WHICH MAY BE IN ADJACENT ROOMS, AREAS, OR FLOORS ELSEWHERE IN THE FACILITY, WHETHER ADJACENT TO, ABOVE OR BELOW THE EFFECTED AREAS. THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK ASSOCIATED WITH SCOPE IDENTIFIED IN CONTRACT DOCUMENTS.
16. FOR MORE SPECIFIC DEMOLITION OF ITEMS AN/OR SYSTEMS SEE ADDITIONAL NOTES OR NOTES BY NUMBER INDICATED ON AREA SPECIFICATION DEMOLITION SHEETS AND A3 SERIES IMAGE SHEETS.
17. COORDINATE ALL DEMOLITION WITH PHASING OF PROJECT AND DO NOT EXTEND DEMOLITION TO AREAS OR SYSTEMS BEYOND A PARTICULAR PHASE UNLESS OTHERWISE REQUIRED BY WORK AND FULLY COORDINATED WITH OWNER.

ADD ALTERNATE NOTES:

1. ADD ALTERNATE #1 - REMOVE AND REPLACE DUCTS AND CEILINGS:
   - REMOVE AND REPLACE EXISTING DUCT WORK, GRILLES/DIVERS, ETC. AT LOCATIONS INDICATED IN REFLECTED CEILING PLAN & MECHANICAL DRAWINGS.
   - REMOVE AND REPLACE CEILINGS, BULKHEADS/FURRING, FRAMING MEMBERS, ETC.AS REQUIRED TO REMOVE AND REPLACE MECHANICAL EQUIPMENT. REFER TO REFLECTED CEILING PLAN FOR GENERAL LOCATION OF CEILING WORK AND MECHANICAL DRAWINGS FOR FULL EXTENT OF MECHANICAL WORK IN ALTERNATE.
   - REMOVE AND REPLACE LIGHTING FIXTURES AND ASSOCIATED ELECTRICAL WORK WHERE CEILINGS ARE BEING REPLACED. REFER TO ELECTRICAL DRAWINGS FOR FULL EXTENT OF ELECTRICAL WORK IN ALTERNATE.
2. ADD ALTERNATE #2 - REMOVE GABLE ROOF ELEMENTS:
   - DEMOLISH EXISTING GABLE ROOF AREAS (X2) (SEE PLAN FOR LOCATIONS) INCLUDING ALL ASSOCIATED METAL ROOF PANELS, ROOF DECKING, INSULATION, ROOF FRAMING MEMBERS, ETC. TO ALLOW FOR INSTALL OF NEW ROOF FRAMING & DECKING (SEE STRUCTURAL), RIGID ROOF INSULATION, AND MEMBRANE ROOF SYSTEM.

KEYNOTE SYSTEM USED IN THIS SET OF DOCUMENTS:

1. THE KEYNOTING SYSTEM USED ON THESE DRAWINGS IS USED FOR MATERIAL REFERENCES AND NOTES. REFER TO THE SYMBOLS LEGEND FOR INFORMATION WHICH RELATES TO EACH KEYNOTE SYMBOL ON THE DRAWINGS.
2. EACH KEYNOTE SYMBOL CONSISTS OF A 6-DIGIT NUMBER WHICH CORRELATES TO THE "NEAREST" SPECIFICATION SECTION WHICH GENERALLY COVERS THE ITEM WHICH IS REFERENCED AND A LETTER/SUFFIX. SOMETIMES, THE SPECIFICATION SECTION WILL BE A GENERALIZED APPROXIMATION OF THE ITEM'S LOCATION IN THE SPECIFICATION, FOLLOWED BY TRAILING ZEROES WHICH MAY OR MAY NOT CORRESPOND TO A PARTICULAR SECTION. THE LETTER-NUMBER SUFFIX DOES NOT RELATE TO ANY CORRESPONDING REFERENCE IN THE SPECIFICATION.
3. KEYNOTES ARE DEFINED ON EACH SHEET WHERE KEYNOTES RESIDE IN A KEYNOTE SCHEDULE, TYPICALLY LOCATED IN THE UPPER RIGHT-HAND CORNER OF EACH SHEET.
4. THE ORGANIZATION OF THE KEYNOTING SYSTEM ON THESE DRAWINGS ALONG WITH THE SPECIFICATIONS SECTIONS NUMBERING SYSTEM SHALL NOT CONTROL THE CONTRACTOR IN DIVIDING THE WORK AMONG SUBCONTRACTORS OR IN ESTABLISHING THE EXTENT OF WORK TO BE PERFORMED BY ANY TRADE.

SHEET INDEX

GENERAL	
A0.00	*COVER SHEET*
A0.00A	*EXTERIOR VIEWS - WALKWAY CANOPY*
A0.10	*EAGLEVIEW ROOF REPORT*
A0.10A	*EAGLEVIEW ROOF REPORT*
A0.10B	*EAGLEVIEW ROOF REPORT*
A0.20	*REFERENCE - EXISTING FLOOR PLAN*
CIVIL	
C1.0	*LEGENDS AND NOTES*
C2.0	*EXISTING SITE PLAN*
C2.1	*DEMOLITION PLAN*
C2.2	*GRADING AND DRAINAGE PLAN*
C3.0	*SIDEWALK DETAILS*
ARCHITECTURAL	
A1.01	*OVERALL SITE PLAN / SITE DETAILS*
A1.02	*CONSTRUCTION ZONE PLAN*
A2.01	*OVERALL FLOOR PLAN*
A2.02	*CANOPY & MECH PAD DEMO PLAN & FLOOR PLAN*
A2.03	*REFLECTED CEILING PLAN*
A2.03A	*ENLARGED CANOPY REFLECTED CEILING PLAN*
A2.04	*EXISTING ROOF TYPE PLAN*
A2.04A	*ROOF DEMO & IMAGE REFERENCE PLAN*
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A3.07	*ROOF IMAGES*
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A5.03	*DETAILS*
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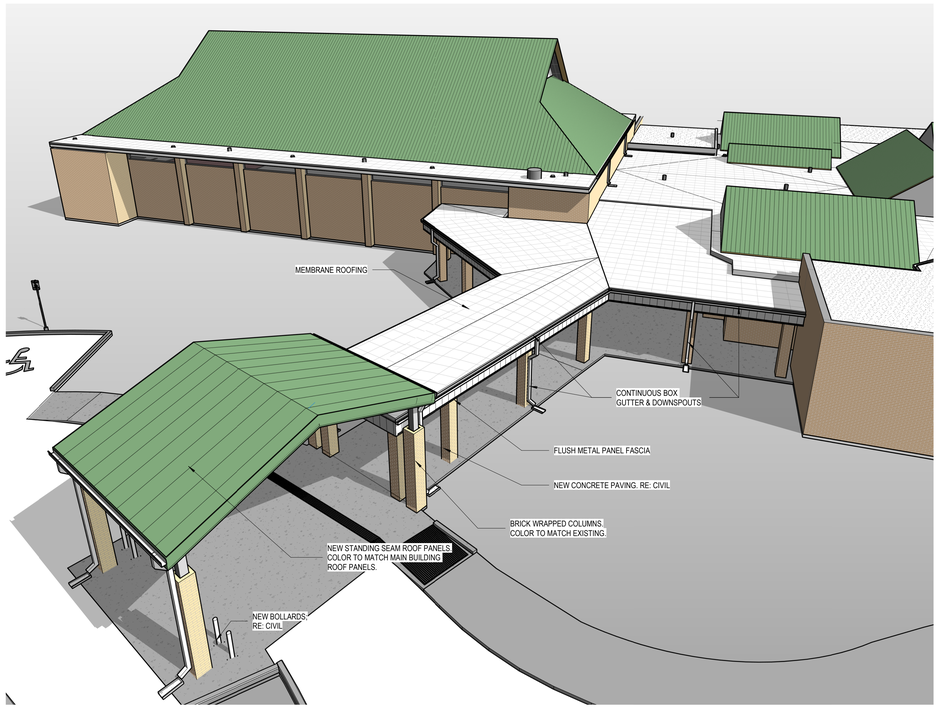
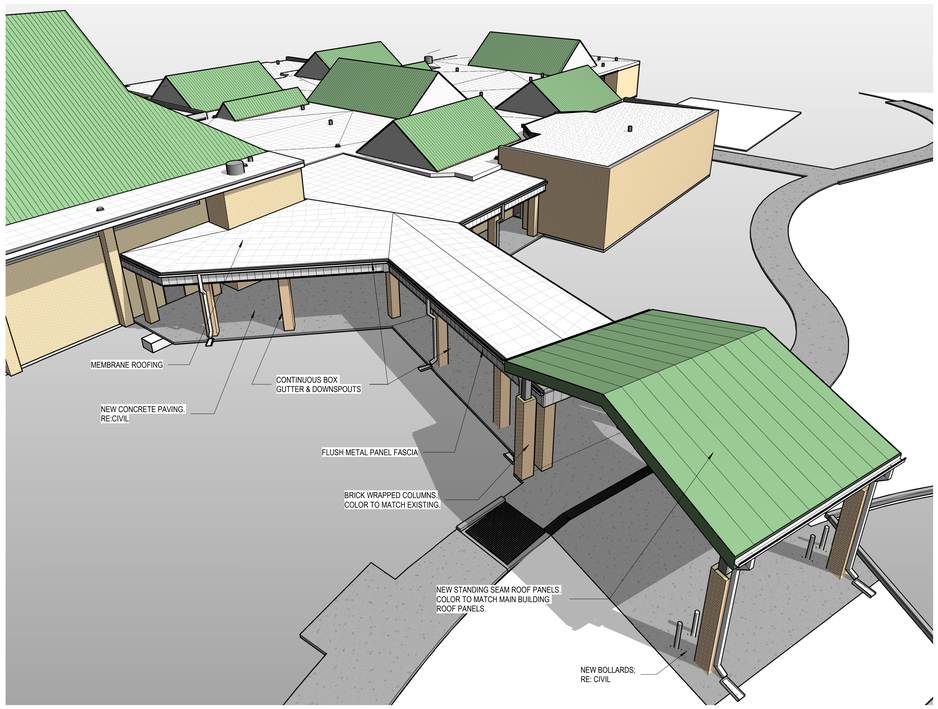
M1.03	*MECHANICAL DEMOLITION PLAN*
M2.01	*MECHANICAL PLAN*
M2.02	*MECHANICAL PL



13 CANOPY AERIAL 1

15 CANOPY FRONT VIEW



25 CANOPY AERIAL 2

27 CANOPY BACK VIEW

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GENERAL NOTES:

1. IMAGES PROVIDED FOR GRAPHIC REPRESENTATION OF FRONT CANOPY.
2. REFER TO OTHER SHEETS AND VIEWS WITH THESE DRAWINGS FOR MORE DETAILED INFORMATION.

SCOPE OF EXTERIOR WALKWAY AND DRIVEWAY CANOPY REPLACEMENT:

1. NEW STRUCTURAL STEEL CANOPY INCLUDING;
   - MODIFIED BITUMEN MEMBRANE ROOF SYSTEM
   - BRICK WRAPPED COLUMNS TO MATCH EXISTING BUILDING
   - METAL PANEL ROOFING ON PITCHED CANOPY
   - METAL PANEL SOFFITS & FASCIA
   - RECESSED LIGHTING (PER ELECTRICAL DESIGN)
2. NEW CONCRETE PAVING (SIDEWALK AND DRIVES PER CIVIL DESIGN)
3. SITE GRADING MODIFICATIONS AS REQUIRED TO SURFACE DRAIN ROOF STORM WATER
4. DEMO EXISTING WALKWAY AND DRIVEWAY CANOPY AND ALL ASSOCIATED STRUCTURE & FOUNDATIONS
5. DEMO EXISTING CONCRETE PAVING TO ACCOMMODATE NEW CANOPY AND STRUCTURE.

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7585
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

EXTERIOR VIEWS - WALKWAY CANOPY

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AQ Studios Project Number	24009
Date	12/05/2025
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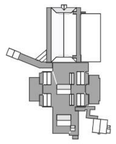
3613 Chitimacha Trl, Jeanerette, LA 70544 Report: 63176167



In this 3D model, facets appear as semi-transparent to reveal overhangs.

PREPARED FOR

Contact:	Jay Frisco
Company:	AQ Studios
Address:	115 E Main St Lafayette, LA 70501-6921
Phone:	337-235-8016

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Length Diagram 4
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MEASUREMENTS

Total Roof Area =37,443 sq ft
Total Roof Facets =44
Predominant Pitch =0/12
Number of Stories >1
Total Ridges/Hips =496 ft
Total Valleys =19 ft
Total Rakes =677 ft
Total Eaves =679 ft
Total Penetrations =100
Total Penetrations Perimeter = 662 ft
Total Penetrations Area = 354 sq ft

Measurements provided by www.eagleview.com

Certified Accurate

www.eagleview.com/Guarantee.aspx

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IMAGES

The following aerial images show different angles of this structure for your reference.

Top View

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IMAGES

North Side

South Side

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IMAGES

East Side

West Side

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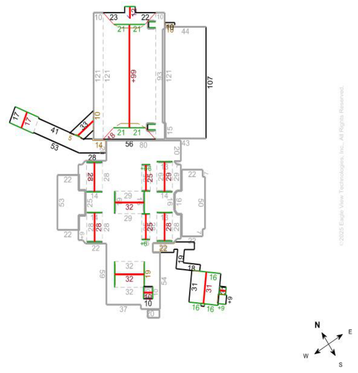
LENGTH DIAGRAM

Total Line Lengths:
Ridges = 425 ft
Hips = 71 ft

Valleys = 19 ft
Rakes = 677 ft
Eaves = 679 ft

Flashing = 206 ft
Step flashing = 64 ft
Parapets = 1,775 ft



Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

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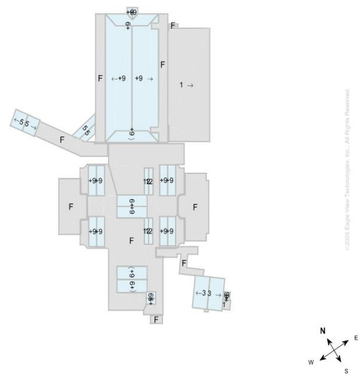
PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 0/12



Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater. Gray shading indicates flat, 1/12 or 2/12 pitches. If present, a value of "F" indicates a flat facet (no pitch).

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Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

EAGLEVIEW ROOF REPORT

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Date	12/05/2025
Drawn by	Author
Checked by	Checker

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Scale 12" = 1'-0"

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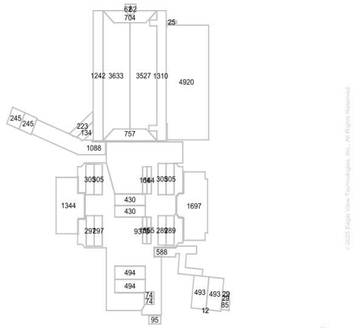
AREA DIAGRAM

Total Area = 37,443 sq ft, with 44 facets.



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Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

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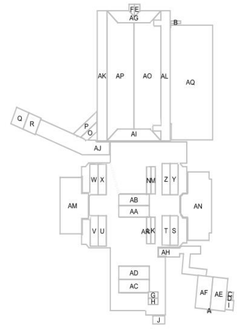
NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



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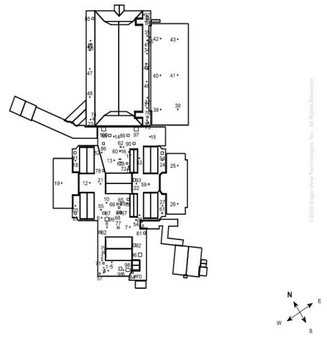
PENETRATIONS NOTES DIAGRAM

Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations = 100
Total Penetrations Perimeter = 662 ft

Total Penetrations Area = 354 sq ft
Total Roof Area Less Penetrations = 37,089 sq ft



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REPORT SUMMARY

All Structures

Areas per Pitch							
Roof Pitches	0/12	1/12	3/12	5/12	6/12	9/12	12/12
Area (sq ft)	16761.5	5016.6	985.8	846.8	57.2	13137.5	637.5
% of Roof	44.8%	13.4%	2.6%	2.3%	0.2%	35.1%	1.7%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

Structure Complexity		
Simple	Normal	Complex

Waste Calculation
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the **Lengths, Areas, and Pitches** section below.

Waste %	**0%**	1%	4%	**6%**	8%	11%	16%	21%	26%
Area (Sq ft)	**15665**	15822	16292	**16605**	16919	17389	18172	18955	19738
Squares *	**156.66**	158.33	163.00	**166.33**	169.33	174.00	182.00	189.66	197.66
	Measured			**Suggested**					

* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

Penetrations	1	2-53	54-56	57-62	63	64	65-76	77-78	79	80
Area (sq ft)	0.3	1	1.5	2.3	2.5	3.8	4	5	6	6.3
Perimeter (ft)	2	4	5	6	7	8	8	9	10	10
	81-86	87-91	92-94	95	96	97	98	99-100		
Area (sq ft)	6.3	7.5	9	12.2	16	18	17.3	20		
Perimeter (ft)	10	11	12	14	16	17	18	18		

Any measured penetration smaller than 3.0x3.0 Feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

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All Structures Totals

Total Roof Facets = 44
Total Penetrations =100

Lengths, Areas and Pitches
Ridges = 425 ft (15 Ridges)
Hips = 71 ft (4 Hips)
Valleys = 19 ft (2 Valleys)
Rakes† = 677 ft (64 Rakes)
Eaves/Starter‡ = 679 ft (38 Eaves)
Drip Edge (Eaves + Rakes) = 1,356 ft (102 Lengths)
Parapet Walls = 1,775 (133 Lengths).
Flashing = 206 ft (26 Lengths)
Step flashing = 64 ft (9 Lengths)
Total Penetrations Area = 354 sq ft
Total Roof Area Less Penetrations = 37,089 sq ft
Total Penetrations Perimeter = 662 ft
Predominant Pitch = 0/12
Total Area (All Pitches) = 37,443 sq ft

Property Location
Longitude = -91.5317886
Latitude = 29.8849648
Notes
This was ordered as a commercial property. There were no changes to the structure in the past four years.

Parapet Wall Area Table							
Wall Height (ft)	1	2	3	4	5	6	7
Vertical Wall Area	1775	3550	5325	7100	8875	10650	12425

This table provides common parapet wall heights to aid you in calculating the total vertical area of these walls. Note that these values assume a 90 degree angle at the base of the wall. Allow for extra materials to cover cant strips and tapered edges.

Online Maps
Online map of property
http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=3613+Chitimacha+Trl,Jeanerette,LA,70544
Directions from AQ Studios to this property
http://maps.google.com/maps?f=d&source=s_d&saddr=115+E+Main+St,Lafayette,LA,70501-6921&daddr=3613+Chitimacha+Trl,Jeanerette,LA,70544

† Rakes are defined as roof edges that are sloped (not level).
‡ Eaves are defined as roof edges that are not sloped and level.

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BUSINESSES NEAR THIS PROPERTY

The links on this page point to businesses near this property (marked by a green arrow in the maps).

Restaurants
http://maps.google.com/maps?near=3613+Chitimacha+Trl,Jeanerette,LA,70544&q=Restaraunts

Fast Food
http://maps.google.com/maps?near=3613+Chitimacha+Trl,Jeanerette,LA,70544&q=Fast+Food

Medical Centers
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Doctors
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Gas Stations
http://maps.google.com/maps?near=3613+Chitimacha+Trl,Jeanerette,LA,70544&q=Gas+Stations

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Construction Documents

No.	Description	Date

GREGORY V. DAIGLE NO. 7595 STATE OF LOUISIANA REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

EAGLEVIEW ROOF REPORT

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Date	12/05/2025
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Date	12/05/2025
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Checked by	Checker

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1 REFERENCE - EXISTING FLOOR PLAN
3/32" = 1'-0"

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GENERAL REFERENCE NOTES:

- EXISTING FLOOR PLAN IS PROVIDED STRICTLY FOR REFERENCE AND CONTEXT FOR WORK THAT IS IN SCOPE. EXISTING FLOOR PLAN IS NOT MEANT TO INDICATE ANY EXTENTS OF WORK IN/OUT OF SCOPE.
- DISCREPANCIES MAY BE PRESENT IN EXISTING FLOOR PLAN THAT DO NOT MATCH EXISTING CONDITIONS; CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS THAT COINCIDE WITH/ AFFECT/ ARE AFFECTED BY WORK IN SCOPE

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

REFERENCE - EXISTING FLOOR PLAN

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A0.20

Scale 3/32" = 1'-0"

2/2/2026 11:38:19 AM

ABBREVIATIONS

ABD	=	ABANDONED
ADS	=	ADVANCED DRAINAGE SYSTEM
AGND	=	ABOVE GROUND
ALBC	=	ALUMINUM BOX CULVERT
ANCH	=	ANCHOR
BL	=	BASELINE
BLDG	=	BUILDING
BNDY	=	BOUNDARY
BRDG	=	BRIDGE
BUT~	=	BUTANE
CABL	=	CABLE
CB	=	STORM SEWER CATCH BASIN
CJ	=	CONSTRUCTION JOINT
CMP	=	STORM SEWER CORRUGATED METAL PIPE
CO	=	CLEAN OUT
COMM	=	COMMUNICATION
CONC	=	CONCRETE
CS	=	STORM SEWER CONFLICT STRUCTURE
DI	=	DUCTILE IRON PIPE
DLZ	=	DUMPSTER LOADING ZONE
DRAN	=	DRAINAGE
DS	=	DOWN STREAM
EGL	=	EXISTING GRADE LINE
ELEC	=	ELECTRICAL
ESMT	=	EASEMENT
EX	=	EXISTING
EXP	=	EXISTING STORM SEWER PIPE
EXS	=	EXISTING STORM SEWER STRUCTURE
FIBR	=	FIBER OPTIC
FL	=	FLOW LINE
FLHA	=	FLOOD HAZARD AREA
FM	=	SANITARY SEWER FORCE MAIN PIPE
FMF	=	SANITARY SEWER FORCE MAIN FITTING
FND	=	FOUND
GCVR	=	GROUND COVER
GV	=	GATE VALVE
HDPE	=	HIGH DENSITY POLYETHYLENE PIPE
HP	=	HIGH POINT
HYDT	=	HYDRANT
IJ	=	ISOLATION JOINT
IP	=	IRON PIN
IR	=	IRON ROD
INST	=	INSTRUMENT (METERS, VALVES, ETC.)
JBOX	=	JUNCTION BOX
LIQD	=	LIQUID
LP	=	LOW POINT
LQPG	=	LIQUID PETROLEUM GAS
MAINT	=	MAINTENANCE
MATL	=	MATERIAL
METL	=	METAL
METR	=	METER
MNMT	=	MONUMENT
MP	=	STORM SEWER METAL PIPE
MRKR	=	MARKER
NGAS	=	NATURAL GAS
O2~~	=	OXYGEN
OBST	=	OBSTRUCTION
P	=	STORM SEWER PIPE
PANL	=	PANEL
PED	=	PEDESTAL
PGL	=	PROPOSED GRADE LINE
PHON	=	PHONE
POWR	=	ELECTRICAL POWER
PROP	=	PROPERTY
PVC	=	POLYVINYL CHLORIDE PIPE
RCB	=	REINFORCED CONCRETE BOX
RCP	=	REINFORCED CONCRETE PIPE
RCPA	=	REINFORCED CONCRETE PIPE ARCH
REFL	=	REFLECTOR
REFP	=	REFERENCE POINT
REQ'D	=	REQUIRED
RISR	=	RISER
R/W	=	RIGHT OF WAY
RPVCP	=	RIBBED PVC PIPE
S	=	STORM SEWER STRUCTURE
SATD	=	SATELLITE DISH
SBCK	=	SETBACK
SNSR	=	SENSOR
SD	=	STORM SEWER DRAIN
SERT	=	SECURITY SYSTEM
SERV	=	SERVITUDE
SETSD	=	SIDE DRAIN SAFETY END
SJ	=	CONTRACTION JOINT
SPKL	=	SPRINKLER
SS	=	SANITARY SEWER PIPE
SSCO	=	SANITARY SEWER CLEAN OUT
SSLS	=	SANITARY SEWER LIFT STATION
SSMH	=	SANITARY SEWER MANHOLE
SSWW	=	SANITARY SEWER WET WELL
STP	=	SEWER TREATMENT PLANT
STRC	=	STRUCTURE
STRM	=	STORM SEWER
SWLK	=	SIDEWALK
TBDIF	=	TO BE DETERMINED IN FIELD
TBM	=	TEMPORARY BENCH MARK
TBRM	=	TO BE REMOVED
TCAS	=	TEMPORARY CONSTRUCTION ACCESS SERVITUDE
TE	=	THICKENED EDGE
TFC	=	TRAFFIC
TJ	=	TIED JOINT
TP	=	TRASH PILE
UNDG	=	UNDERGROUND
UNKN	=	UNKNOWN
US	=	UPSTREAM
UTIL	=	UTILITY
VALV	=	VALVE
WATR	=	WATER SUPPLY
WS	=	WATER SUPPLY PIPE
WSA	=	WATER SUPPLY APPURTENANCE
WSF	=	WATER SUPPLY FITTING
XFMR	=	TRANSFORMER
XING	=	CROSSING

LINE LEGEND

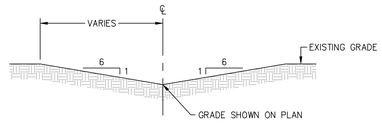
BASE FLOOD ELEVATION
BOUNDARY LINE (EXISTING)
BOUNDARY LINE (SITE)
CABLE (EXISTING FIBER OPTIC)
CABLE (EXISTING TELEVISION)
DITCH CENTERLINE (EXISTING)
DITCH CENTERLINE
DITCH TOE (EXISTING)
DITCH TOE
DITCH AND/OR POND TOP (EXISTING)
DITCH AND/OR POND TOP
DRAINAGE AREA (EXISTING AND/OR PROPOSED)
EASEMENT (EXISTING)
EASEMENT
EDGE OF PAVEMENT (EXISTING)
EDGE OF PAVEMENT
ELECTRICAL CONDUIT (EXISTING)
ELECTRICAL CONDUIT
ELEVATION CONTOUR (EXISTING)
ELEVATION CONTOUR
FENCE LINE (EXISTING)
FENCE LINE
FENCE LINE (SILT FENCE)
FLOW/GRADE DIRECTION
FLOW PATH (EXISTING)
FLOW PATH (PROPOSED)
GRADING (DITCHES/PONDS/SWALES)
LIQUID PETROLEUM GAS (EXISTING)
LOT LINE (EXISTING)
LOT LINE
NATURAL GAS LINE (EXISTING)
NATURAL GAS LINE
NATURAL GAS MAIN (EXISTING)
NATURAL GAS MAIN
PIPELINE (EXISTING)
POWER LINE (EXISTING OVERHEAD)
POWER LINE (EXISTING UNDERGROUND)
RAIL ROAD TRACKS (EXISTING)
RESERVED AREA (EXISTING)
RESERVED AREA
RETAINING WALL (EXISTING)
RETAINING WALL
RIGHT OF WAY (APPARENT OR EXISTING)
RIGHT OF WAY (SITE)
ROAD CENTERLINE (EXISTING)
ROAD CENTERLINE (APPARENT)
ROAD CENTERLINE
SANITARY SEWER FORCE MAIN (EXISTING)
SANITARY SEWER FORCE MAIN
SANITARY SEWER GRAVITY MAIN (EXISTING)
SECTION LINE (EXISTING)
SECTION DIVISION LINE (EXISTING)
SETBACK LINE (EXISTING)
SETBACK LINE
TELEPHONE LINE (EXISTING)
TELEPHONE LINE (EXISTING OVERHEAD)
TELEPHONE LINE (EXISTING UNDERGROUND)
TREE LINE (EXISTING)
UTILITY (EXISTING)
UTILITY
UTILITY (EXISTING UNDERGROUND)
UTILITY (EXISTING OVERHEAD)
WATER SUPPLY (EXISTING MAIN)
WATER SURFACE LINE
TOP OF CURB/
PARKING LOT PROPOSED ELEVATIONS

SYMBOL LEGEND

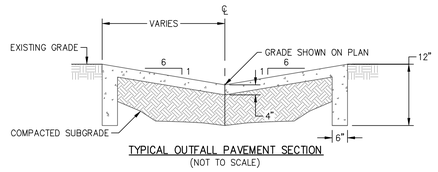
ANCHOR (EX DEADMAN)
ANCHOR (EX GUY)
BENCHMARK (SURVEY)
BOUNDARY (SURVEY)
BOX (EX POWER)
BOX (EX AS DESCRIBED)
BOX (EX MAIL)
BOX (EX TRAFFIC CONTROL)
BOX (EX TELEVISION)
CLEAN OUT (EXISTING SEWER)
CROSSING (EX RAILROAD)
CROSSING (EX TELEPHONE)
FIELD COLLECTED ELEVATION
HOLE (EX GEOTECHNICAL)
HOLE (EX PERCOLATION)
HOLE (EX TEST PIT)
HYDRANT (EX FIRE)
INSTRUMENT (EX WATER)
IRON PIN/ROD (SURVEY)
MANHOLE (EX)
MANHOLE (EX DRAINAGE)
MANHOLE (EX SEWER)
METER (EX ELECTRIC)
METER (EX GAS)
METER (EX WATER)
PEDESTAL (EX TELEPHONE)
POLE (EX GUY)
POLE (EX LIGHT)
POLE (EX POWER)
POLE (EX TELEPHONE)
POLE (EX TRAFFIC SUPPORT)
POLE (EX UTILITY)
PUMP (EX)
RISER (EX POWER)
SATELLITE DISH (EX)
SIGN (EX MULTI-POLE)
SIGN (EX SINGLE POLE)
SAMPLING STATION (EX WATER)
TRANSFORMER (EX)
TRASH (EX)
TREE (EX)
VALVE (EX BALL)
VALVE (EX CHECK)
VALVE (EX GAS)
VALVE (EX GATE)
VALVE (EX IRRIGATION CONTROL)
VALVE (EX WATER)
WATER LINE ELEVATION
WELL (EX WATER)

HATCH/PATTERN LEGEND

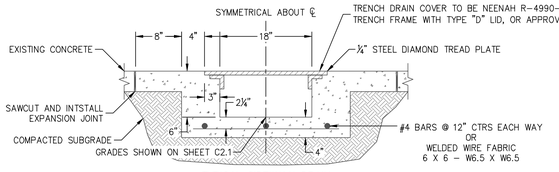
AGGREGATE
ASPHALT/SAND
CONCRETE
DEMOLITION AREA
EARTH
EMBANKMENT
EROSION CONTROL
GRASS
GRAVEL/STONE
PAVEMENT
RIPRAP
VEHICLE APRON



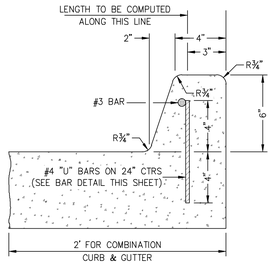
TYPICAL SWALE SECTION
(NOT TO SCALE)



TYPICAL OUTFALL PAVEMENT SECTION
(NOT TO SCALE)



TYPICAL SIDEWALK DRAIN

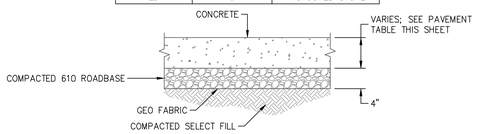


MONOLITHIC BARRIER CONCRETE
CURB DETAILS

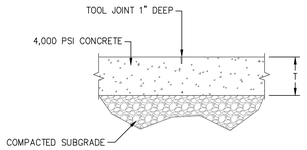
PAVEMENT; SIDEWALK (SW)
PAVEMENT; LIGHT DUTY (LD)

PAVEMENT TABLE

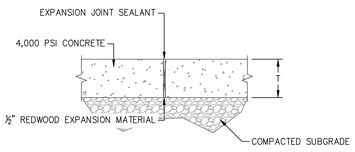
PAVEMENT USE	PCCP THICKNESS (T,IN)	STRUCTURAL BASE (IN)
SW	4	NA
LD	6	4 CRUSHED STONE



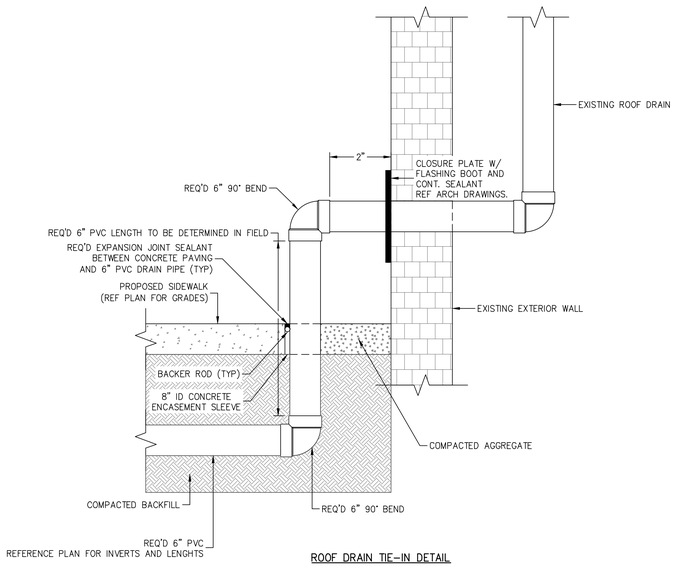
PAVEMENT SECTION DETAIL



CONTRACTION JOINT (SJ)



EXPANSION JOINT (EJ)



ROOF DRAIN TIE-IN DETAIL

GENERAL NOTES:

1. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK. ALL PROSPECTIVE BIDDERS ARE DIRECTED, PRIOR TO THE BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
2. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING 'LOUISIANA ONE CALL' TO IDENTIFY ALL UTILITIES PRIOR TO BEGINNING WORK AT THE SITE. CONTRACTOR SHALL LOCATE EXISTING UTILITIES (MUNICIPAL WATER, SANITARY SEWER, ELECTRICAL, PHONE, ETC.) TO VERIFY NO CONFLICTS WITH PROPOSED STORMWATER PIPE & UTILITIES.
3. ANY DISCREPANCIES OR CONFLICTS IN THE CONSTRUCTION DOCUMENTS SHALL BE REPORTED TO THE ENGINEER. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
4. EXISTING ELEVATION CONTOURS SHOWN ARE INTERPOLATED FROM SITE SURVEY DATED 1/29/2025 BY MILLER ENGINEERS & ASSOCIATES, INC.
5. THE CONTRACTOR SHALL EMPLOY A LA LICENSED SURVEYOR TO PROVIDE THE CONSTRUCTION LAYOUT, BOUNDARIES AND/OR BASE LINES. SURVEYOR TO SET PROJECT BENCHMARK FOR USE DURING CONSTRUCTION. BENCHMARK SHALL BE SET TO NAVD88.
6. UTILITY FACILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THERE IS NO EXPRESSED OR IMPLIED GUARANTEE AS TO THE ACCURACY OF THE VARIOUS UTILITIES OR OMISSIONS.
7. GOOD SURFACE DRAINAGE MUST BE ESTABLISHED PRIOR TO AND DURING THE EARTHWORK ACTIVITIES. STANDING WATER ON THE SUBGRADE SHALL BE PROMPTLY DRAINED OR PUMPED OFF.
8. ALL REFERENCES TO DOTD SHALL MEAN LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT AND REFERENCE TO SPECIFICATIONS SHALL MEAN STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (SSRB), AND SUPPLEMENTAL SPECIFICATIONS AS AMENDED BY THE PROJECT SPECIFICATIONS MOST RECENT EDITION FOR DOTD.
9. CONTRACTOR SHALL FULL DEPTH SAWCUT AT THE START AND END OF ALL REMOVED CONCRETE PAVEMENT.
10. EMBANKMENT SHALL BE INSTALLED IN MAXIMUM 8" LOOSE LIFTS, COMPACTED TO 95% STANDARD PROCTOR, MINIMUM 3 COMPACTION TESTS PER LIFT, WITH AN ALLOWABLE MOISTURE CONTENT VARIANCE OF 0 TO +3 PERCENT. MATERIAL SHALL CONFORM TO EMBANKMENT SPECIFICATION SET FOR THIS PROJECT.
11. IN LIEU OF A GEOTECHNICAL RECOMMENDATION, PRIOR TO PLACING CONCRETE PAVEMENT, CONTRACTOR SHALL ENSURE SUBGRADE IS COMPACTED TO A MINIMUM OF 95% OF THE DRY DENSITY.
12. CONTRACTOR SHALL PROTECT AND PRESERVE EXISTING TREES.

DRAINAGE NOTES:

1. ALL VEGETATION AND ANY UNSUITABLE SOILS CONTAINING ORGANIC MATTER, AND ANY OTHER UNSUITABLE MATERIALS SHALL BE REMOVED TO EXPOSE A FIRM SUBGRADE CAPABLE OF SUPPORTING CONSTRUCTION ACTIVITIES AS DIRECTED BY ENGINEER.
2. THE EXPOSED SUBGRADE SURFACE SHALL BE INSPECTED TO ENSURE THAT A SUITABLE SURFACE EXISTS UPON WHICH TO PLACE SELECT FILL. ANY AREAS THAT ARE DETERMINED TO BE UNSUITABLE FOR FILL PLACEMENT SHALL BE UNDERCUT OR STABILIZED TO ACHIEVE A STABLE SUBGRADE SURFACE. PROPER SUBGRADE PREPARATION AND INSPECTION IS ESSENTIAL FOR THE DEVELOPMENT OF THIS PROJECT.
3. EXISTING STORM DRAIN PIPE LENGTHS SHOWN ARE APPROXIMATE.

TEMPORARY EROSION CONTROL PLAN NOTES:

1. EXISTING SITE IS CONCRETE SIDE WALK WITH RAISED CANOPY
2. DIMENSIONS SHOWN ARE APPROXIMATE
3. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH EPA STORMWATER RUNOFF RULES USING BEST MANAGEMENT PRACTICES AND/OR TEMPORARY EROSION CONTROL MEASURES DURING CONSTRUCTION.
4. IF DURING CONSTRUCTION THERE IS AN OBSTRUCTION OR IMPEDIMENT OF STORM WATER FROM OR TO THE ADJACENT PROPERTY, THEN A TEMPORARY DRAINAGE SYSTEM SHALL BE CONSTRUCTED TO MAINTAIN ADEQUATE DRAINAGE.
5. THIS TEMPORARY EROSION CONTROL PLAN SHALL BE REVISED AS THE DEVELOPMENT OF THE SITE PROGRESSES OR AS CONDITIONS WARRANT. SITE SHALL BE MONITORED AFTER WINDY AND/OR INCLEMENT WEATHER CONDITIONS.
6. INSTALL SILT FENCES, HAY BALES AND EARTHEN BERMS TO REDUCE RUNOFF VELOCITY AND RETAIN SEDIMENT.
7. MINIMIZE THE AMOUNT OF EXPOSED SOIL (SEED OR HYDROSEED EXPOSED AREAS AFTER GRADING OPERATIONS ARE COMPLETE).
8. PERFORM INSPECTIONS OF THE SWPPP AFTER RAINFALL AND WINDY WEATHER EVENTS. PERFORM VISUAL INSPECTIONS OF THE SITE AT THE BEGINNING AND END OF EACH WORK DAY.
9. MAINTAIN CONTAINMENT AROUND ALL MATERIALS STORED AT SITE.

REFERENCE DRAWINGS:
EC-01, 1 OF 2 DOTD EROSION CONTROL DETAILS
EC-01, 2 OF 2 DOTD EROSION CONTROL DETAILS

REQUIRED-HYDRAULIC MULCHING "HYDROSEEDING"

HYDRAULIC MULCHING SHALL CONSIST OF THE MIXING OF PURE WOOD FIBER MULCH, GRASS SEED, FERTILIZER AND TACKIFIER EMULSION WITH WATER. IT SHALL BE MIXED IN STANDARD HYDRAULIC MULCHING EQUIPMENT TO FORM A HOMOGENEOUS SLURRY. THE SLURRY SHALL BE SPRAYED, UNDER PRESSURE, UNIFORMLY OVER THE SOIL SURFACE AT THE MATERIAL APPLICATION RATE RECOMMENDED BY THE EQUIPMENT MANUFACTURER. THE HYDRAULIC MULCHING EQUIPMENT SHALL CONTAIN A MOTORIZED CONTINUOUS AGITATION SYSTEM THAT BLENDS ALL MATERIAL IN UNIFORM SUSPENSION THROUGHOUT THE MIXING AND DISTRIBUTION SPRAY CYCLE. THESE MATERIALS SHALL BE DISTRIBUTED AT THE FOLLOWING RATES:

PURE VIRGIN WOOD FIBER MULCH 1500LB/ACRE MIN.
13-13-13 FERTILIZER 615LB/ACRE
HULLED BERMUDA (CERTIFIED) 30LB/ACRE
UNHULLED BERMUDA (COOL SEASON) 30LB/ACRE
ANNUAL RYE GRASS (COOL SEASON) 30LB/ACRE

Bluewing
CIVIL CONSULTING

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
SIMON A. GUILLORY
License No. 37874
REGISTERED
PROFESSIONAL ENGINEER
2025-11-19

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

LEGENDS AND NOTES

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	AE
Checked by	AG

C1.0

Scale AS NOTED

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Bluewing
CIVIL CONSULTING

0 5' 10'
SCALE: 1" = 5' SHEET: 42 x 30

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
SIMON A. GUILLORY
License No. 37874
REGISTERED
PROFESSIONAL ENGINEER
2025-11-19

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

EXISTING SITE PLAN

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	AE
Checked by	AG

C2.0

Scale AS NOTED

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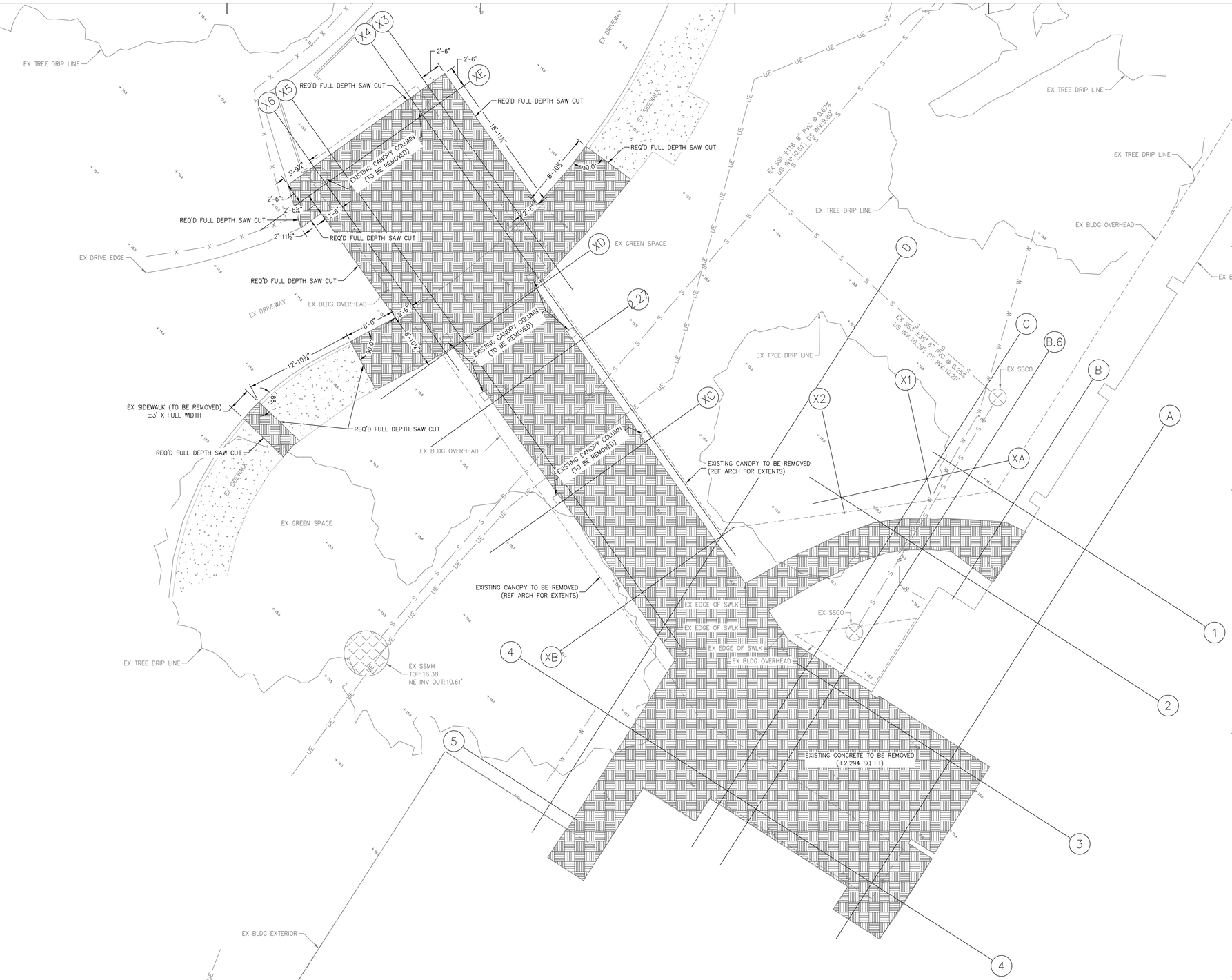

Bluewing
CIVIL CONSULTING

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
SIMON A. GUILLORY
License No. 37874
REGISTERED
PROFESSIONAL ENGINEER
2025-11-19

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

DEMOLITION PLAN

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	AE
Checked by	AG

C2.1

Scale: AS NOTED

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SET 1/2IR
N:503,912.96
E:3,217,986.09
ELEV:15.00'

HORIZONTAL AND VERTICAL CONTROL*

*CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL CONTROL WITH OWNER

EX TREE DRIP LINE
EX DRIVEWAY
EX DRIVE EDGE
EX GREEN SPACE
EX SSCO
EX SSMH
TOP:16.38'
NE INV OUT:10.61'
EX SSI 418' 8" PVC @ 0.67%
US INV:10.61'; DS INV:9.80'
EX SSS 335' 6" PVC @ 0.25%
US INV:10.29'; DS INV:10.20'

MATCH EX 14.95
MATCH EX 14.98
MATCH EX 14.93
MATCH EX 14.91
MATCH EX 15.09
MATCH EX 15.01

REQ'D BOLLARD SEE BOLLARD DETAIL ON SHEET C3.0

REQ'D ±6' MONOLITHIC BARRIER CURB (SEE SHEET C1.0 FOR DETAILS)

REQ'D SIDEWALK DRAIN.
US INV: 15.16'; DS INV: 14.92'
SAWCUT EXISTING SIDEWALK AS NEEDED WITH MINIMAL DISTURBANCE TO EXISTING SIDEWALK. SEE SHEET C1.0 FOR TYPICAL SIDEWALK DRAIN DETAIL.

SWALE LP
ELEV:15.16'

S46° 31' 03.76"E @ 20.23'
-1.72%

DETECTABLE WARNING SURFACE (REF SPEC SECTION 321623)

PROPOSED OVERHEAD (REF ARCH FOR EXTENTS)

SEE SHEET C1.0 FOR TYPICAL SWALE SECTION DETAIL.

SWALE HP
ELEV:15.51'

REQ'D ±6' MONOLITHIC BARRIER CURB (SEE SHEET C1.0 FOR DETAILS)

REQ'D SIDEWALK DRAIN
US INV: 14.96'; DS INV: 14.90'
SAWCUT EXISTING SIDEWALK AS NEEDED WITH MINIMAL DISTURBANCE TO AREA. SEE SHEET C1.0 FOR TYPICAL SIDEWALK DRAIN DETAIL.

SWALE LP
ELEV:14.96'

SEE DOWNSPOUT BOOT DETAIL ON SHEET C3.0

PROPOSED COLUMN (TYP)
(REF STRUCTURAL)

PROPOSED OVERHEAD (REF ARCH FOR EXTENTS)

SEE SHEET C1.0 FOR TYPICAL SWALE SECTION DETAIL.

N84° 30' 35.58"W @ 42.35'
-0.41%

SEE SHEET C1.0 FOR TYPICAL OUTFALL PAVEMENT SECTION DETAIL.

R2.5'

SWALE HP
ELEV:15.14'

INSTALL EJ IRONWORKS ROUND 3660 SERIES CLEANOUT ASSEMBLY (PRODUCT 00366172) OR APPROVED EQUAL. CONTRACTOR SHALL ENSURE COVER IS FLUSH WITH THE FINISHED CONCRETE SURFACE.

GRADE BREAK LINE

P2 (1) ±45° 6" PVC @ 0.48%
US INV:15.35'; DS INV:15.14'

ALL JOINTS AT EXISTING BUILDING SHALL BE EXPANSION JOINTS. SEE SHEET C1.0 FOR DETAILS.

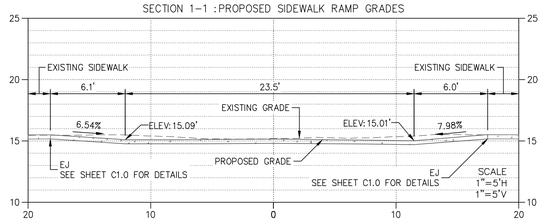
90° BEND

P1 (1) ±7° 6" PVC @ 0.50%
US INV:15.40'; DS INV:15.37'
(TIE TO EXISTING ROOF DRAIN)

TIE TO EXISTING ROOF DRAIN. CONTRACTOR TO VERIFY LOCATION AND SIZE OF EXISTING ROOF DRAIN. SEE SHEET C1.0 FOR ROOF DRAIN TIE-IN DETAIL.

DRIVEWAY GEOMETRICS

SECTION 1-1 : PROPOSED SIDEWALK RAMP GRADES



Bluewing
CIVIL CONSULTING

GENERAL NOTES:

1. EXISTING CANOPY AND PAVING ARE SHOWN FOR REFERENCE AND ARE TO BE DEMOLISHED. REFERENCE ARCHITECTURAL PLANS FOR DEMOLITION EXTENTS.
2. ANY CONCRETE OR ASPHALT PAVING REMOVED DURING DEMOLITION AND CONSTRUCTION SHALL BE REPLACED TO MATCH EXISTING PAVEMENT GRADES AND THICKNESS.
3. ALL LEVEL LANDINGS SHALL BE IN COMPLIANCE WITH ADAABAAG, 2004 EDITION.
4. GRADES SHOWN ON THIS PLAN ARE DESIGNED IN COMPLIANCE WITH ADAABAAG, 2004 EDITION. ANY DISCREPANCIES SHALL BE REPORTED TO THE PROJECT ENGINEER.

0 5' 10'
SCALE: 1" = 5' SHEET: 42 x 30

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
SIMON A. GUILLORY
License No. 37874
REGISTERED
PROFESSIONAL ENGINEER
2025-11-19

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

GRADING AND DRAINAGE PLAN

Copyright 2024 AQ Studios

AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	AE
Checked by	AG

C2.2

Scale AS NOTED

Z:\2025\250505 Chitimacha School - HVAC Reroof\CAD\Plans\DWG\Plan - Drainage and Grading.dwg 11/19/2025 8:44 AM

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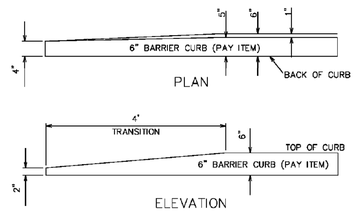
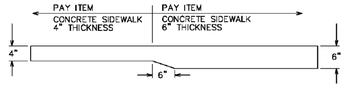
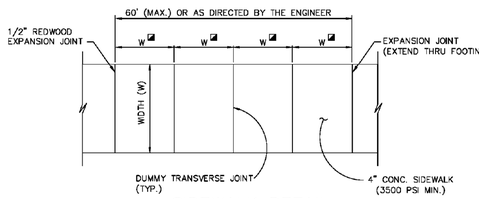


CURB TRANSITION
NOT TO SCALE



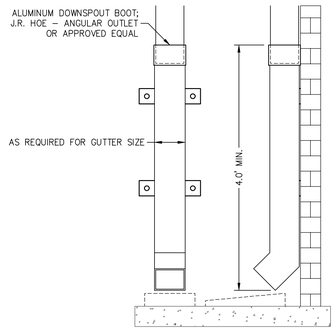
SIDEWALK DEPTH TRANSITION
NOT TO SCALE



SIDEWALK DETAIL
NOT TO SCALE

■ SPACING OF DUMMY TRANSVERSE JOINTS ON CONC. WALKS SHALL BE EQUAL TO THE WIDTH OF THE WALK BUT NOT GREATER THAN 10 FEET

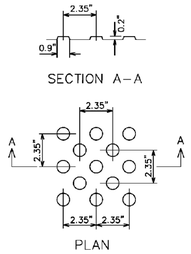
EXPANSION JOINTS SHALL BE PLACED AT CHANGES IN GRADE AND AT OBSTRUCTIONS.



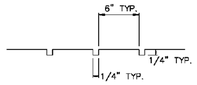
TYPICAL SURFACE DOWNSPOUT BOOT
NOT TO SCALE

GENERAL NOTES:

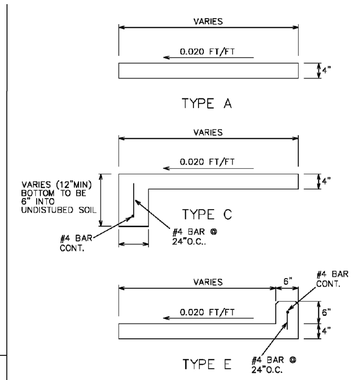
1. TO BE USED AT LOCATIONS WHERE DOWNSPOUTS ARE SURFACE DRAINED
2. SIZE AS REQUIRES FOR GUTTER AND DOWNSPOUT PROVIDED
3. PROVIDE NEW SLASHBLOCKS AT ALL LOCATIONS
4. BOOT NOT REQUIRED AT ROOFTOP DOWNSPOUTS
5. COLOR TO MATCH NEW GUTTERS AND DOWNSPOUTS
6. ANCHOR AS INDICATED

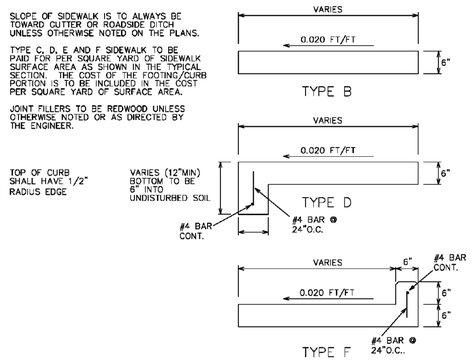


TRUNCATED DOME DETAIL
NOT TO SCALE

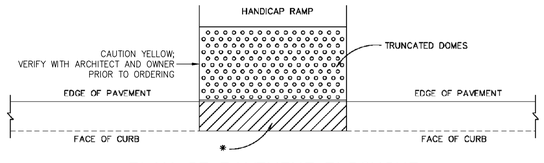


TACTILE WARNING DETAIL
NOT TO SCALE



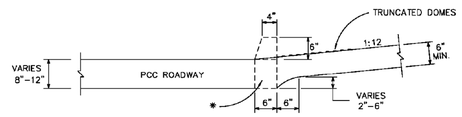


SIDEWALK DETAILS
NOT TO SCALE



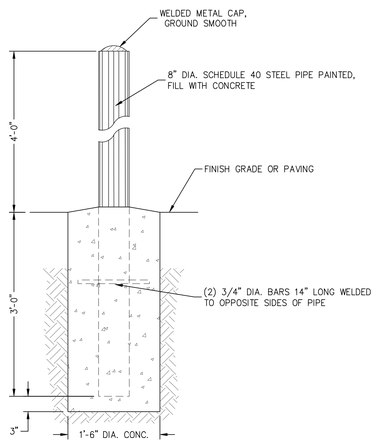
PLAN OF PAVEMENT BLOCKOUT @ HANDICAP RAMP
NOT TO SCALE

* BLOCKOUT PAVEMENT @ RAMP LOCATION.



TYPICAL SECTION OF PAVEMENT/RAMP DETAIL
NOT TO SCALE

* BLOCKOUT PAVEMENT @ RAMP LOCATION.



PIPE BOLLARD DETAIL
NOT TO SCALE

RAMP NOTES:

1. PLACE RAMPS AT ALL LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY PROJECT ENGINEER.
2. THE SLOPE OF THE RAMP PROPER SHALL NOT EXCEED 1:12, 1" RISE IN A 12" SPAN.
3. CONCRETE FOR RAMPS SHALL BE CLASS "M2" MEETING THE REQUIREMENTS AS STATED IN SPECIFICATIONS UNDER SECTION 706 OF THE LAFAYETTE CONSOLIDATED GOVERNMENT STANDARD SPECIFICATIONS, LATEST EDITION.
4. THICKNESS OF CONCRETE WITHIN RAMP AREA TO BE 6".
5. PROVIDE TACTILE WARNING SURFACE ON RAMPS (NO DIRECT PAY).
6. GUTTER LINE TO BE MAINTAINED ALONG RAMP CURB OPENING AT CORNER RAMPS AND RAMP ADJACENT CURB.
7. LANDING AT STREET CROSSINGS SHALL PROVIDE AN AREA OF TACTILE WARNING CONSISTING OF TRUNCATED DOMES. AREA OF TRUNCATION SHALL BE 2' (TWO) FEET WIDE AND EXTEND A MIN. OF 4' (FOUR) FEET OR THE FULL WIDTH OF LANDING.
8. SIDEWALK TRANSITION SECTIONS SHALL HAVE A TACTILE WARNING TREATMENT, IN ADDITION TO THE BRUSHED FINISH, FOR A DISTANCE OF 5' FROM THE END OF THE SIDEWALK AT ALL LOCATIONS THAT DO NOT CONNECT TO EXISTING SIDEWALKS AT NO ADDITIONAL COST TO THE OWNER.

Bluewing
CIVIL CONSULTING

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
SIMON A. GUILLORY
License No. 37874
REGISTERED
PROFESSIONAL ENGINEER
2025-11-19

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

SIDEWALK DETAILS

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	AE
Checked by	AG

C3.0

Scale AS NOTED

Z:\2025\225005 Chitimacha School - HVAC Reroof\CAD\Plans\DWG\Details - Sidewalk.dwg 11/19/2025 8:45 AM

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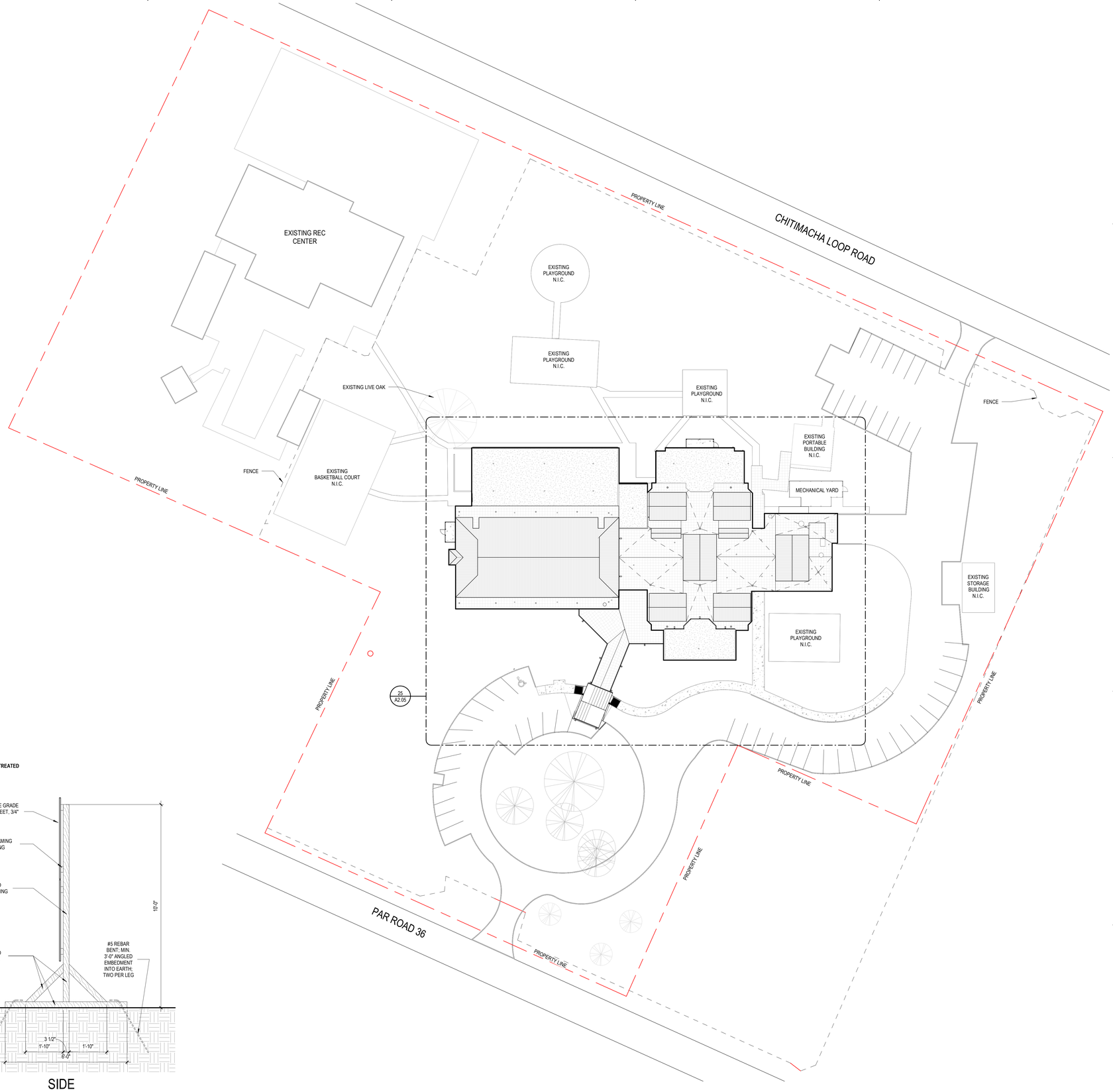

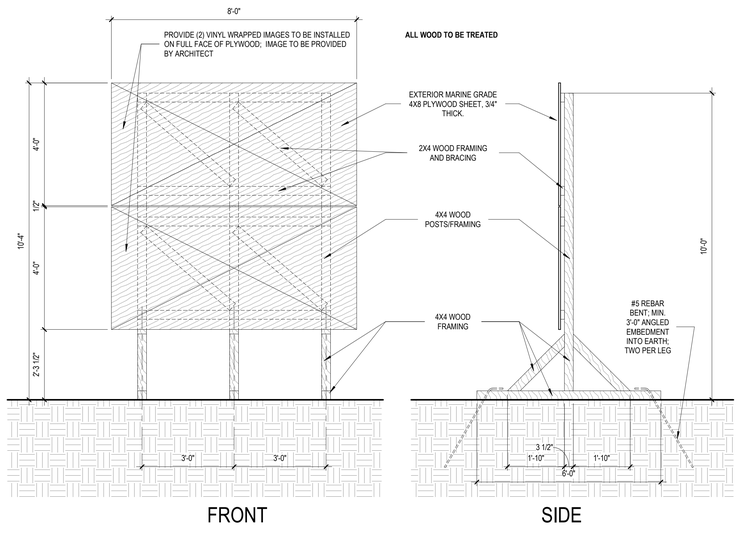

1 JOB SIGN
1/2" = 1'-0"

25 SITE PLAN
1" = 30'-0"

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

GENERAL SITE NOTES:

1. THIS SITE, OR PORTIONS OF IT, ARE LOCATED WITHIN A DESIGNATED ARCHAEOLOGICAL DISTRICT. DEMOLITION AND CONSTRUCTION ACTIVITIES ARE STRICTLY PROHIBITED WITHOUT EXPLICIT WRITTEN AUTHORIZATION FROM THE OWNER.
2. COORDINATE WITH THE OWNER TO ACCURATELY IDENTIFY THE BOUNDARIES OF THE ARCHAEOLOGICAL DISTRICT AND COMPLY WITH ALL APPLICABLE RESTRICTIONS AND REQUIREMENTS GOVERNING THE JOB SITE.

GENERAL SITE PLAN NOTES:

1. CONTRACTOR ACCESS, PARKING, AND DELIVERY ROUTES SHALL BE LIMITED TO AREAS DESIGNATED ON THE SITE PLAN AND COORDINATED WITH THE OWNER PRIOR TO CONSTRUCTION.
2. CONSTRUCTION STAGING, MATERIAL LAYDOWN, AND DUMPSTERS SHALL BE CONFINED TO THE AREAS IDENTIFIED ON THE SITE PLAN. NO USE OF SCHOOL PARKING LOTS OR DRIVES OUTSIDE OF THESE AREAS UNLESS APPROVED BY THE OWNER.
3. SECURE FENCING/BARRIERS SHALL BE PROVIDED AROUND ACTIVE CONSTRUCTION ZONES TO FULLY SEPARATE STUDENTS/STAFF FROM CONSTRUCTION, WITH THE FENCING PLAN REVIEWED WITH THE OWNER PRIOR TO CONSTRUCTION.

   STAGING AREAS FOR EQUIPMENT, DUMPSTERS, AND DELIVERIES SHALL BE DESIGNATED TO AVOID INTERFERING WITH STUDENT DROP-OFF, PICK-UP, AND BUS CIRCULATION. WITH THE STAGING PLAN REVIEWED WITH THE OWNER PRIOR TO CONSTRUCTION.
4. DISRUPTIVE WORK (DEMOLITION, ROOF TIE-INS, LOUD HVAC WORK) SHALL BE SCHEDULED TO AVOID TESTING WEEKS OR CRITICAL ACADEMIC EVENTS. THE OWNER WILL PROVIDE TESTING DATES AND ACADEMIC EVENTS FOR INCORPORATION INTO THE CONSTRUCTION SCHEDULE.
5. EMERGENCY EGRESS PATHS AND FIRE DEPARTMENT ACCESS ROUTES SHOWN ON THE SITE PLAN SHALL BE MAINTAINED AND REMAIN CLEAR AND ACCESSIBLE THROUGHOUT CONSTRUCTION.
6. TEMPORARY DIRECTIONAL SIGNAGE SHALL BE PROVIDED FOR REROUTED CORRIDORS, EXITS, AND RELOCATED CLASSROOMS TO REROUTE STUDENTS, STAFF, AND VISITORS SAFELY AROUND CONSTRUCTION ZONES AS INDICATED ON THE SITE PLAN.
7. ALL FENCING, STAGING, AND ACCESS ROUTES SHALL BE REVIEWED WITH AND APPROVED BY THE OWNER PRIOR TO CONSTRUCTION MOBILIZATION.
8. CONTRACTOR SHALL MAINTAIN PAVED DRIVES AND PEDESTRIAN PATHS FREE FROM CONSTRUCTION DEBRIS, MUD, OR DUST GENERATED FROM SITE ACTIVITIES.
9. REGULAR UPDATES AND CIRCULATION MAPS SHOWING ACTIVE CONSTRUCTION ZONES AND ACCESS ROUTES SHALL BE ISSUED TO THE OWNER.
10. ROOFING CONDITIONS SHALL REMAIN WATERTIGHT AT ALL TIMES, WITH TEMPORARY WEATHER PROTECTION PROVIDED AS NECESSARY.
11. ADVANCE NOTICE OF ELECTRICAL, PLUMBING, OR INTERNET SHUTDOWNS SHALL BE PROVIDED AS IDENTIFIED BY THE OWNER.

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

OVERALL SITE PLAN / SITE DETAILS

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A1.01

Scale	As indicated

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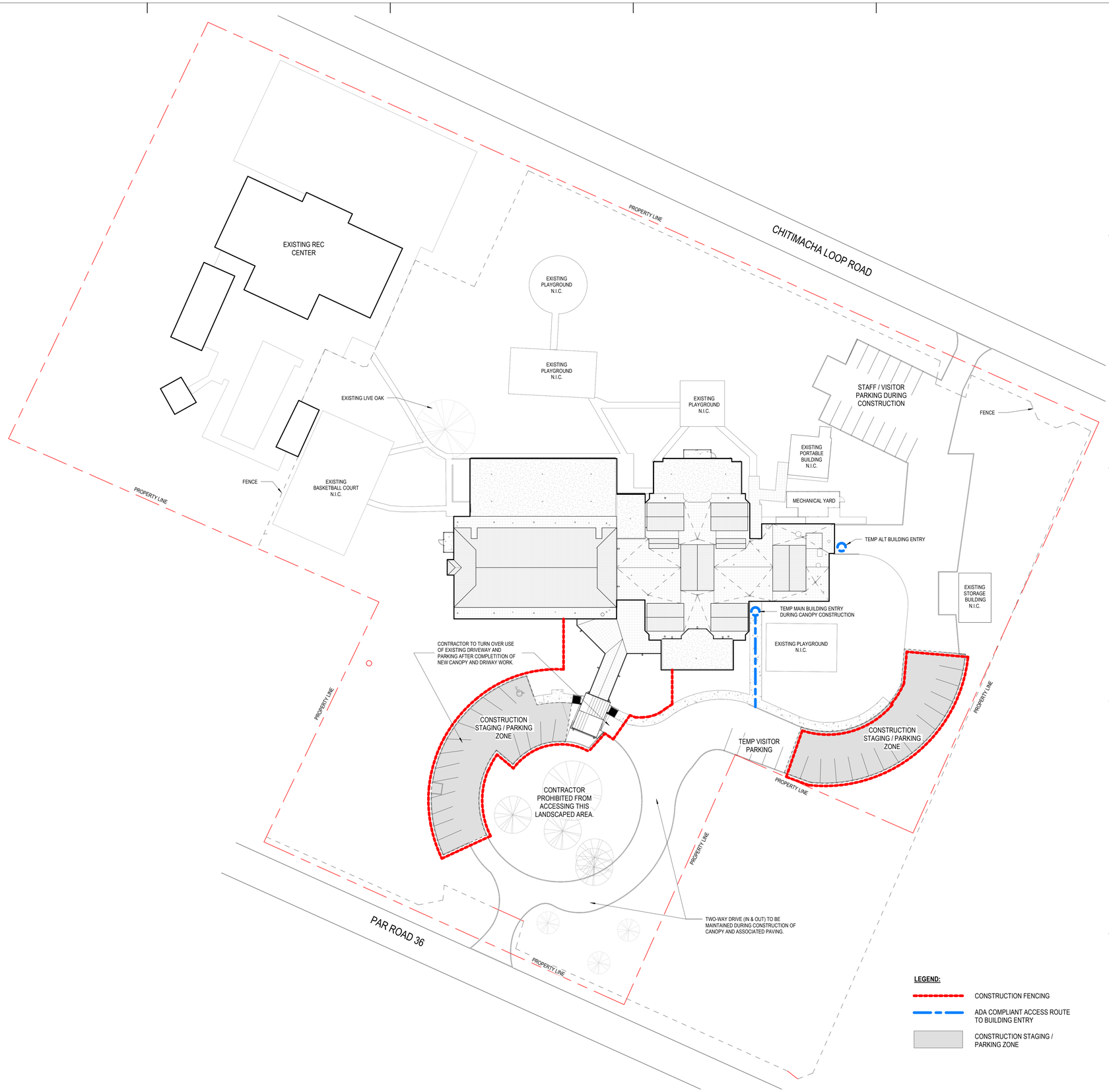

25 CONSTRUCTION SITE PLAN
1" = 30'-0"

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

GENERAL SITE NOTES:

1. THIS SITE, OR PORTIONS OF IT, ARE LOCATED WITHIN A DESIGNATED ARCHAEOLOGICAL DISTRICT. DEMOLITION AND CONSTRUCTION ACTIVITIES ARE STRICTLY PROHIBITED WITHOUT EXPLICIT WRITTEN AUTHORIZATION FROM THE OWNER.
2. COORDINATE WITH THE OWNER TO ACCURATELY IDENTIFY THE BOUNDARIES OF THE ARCHAEOLOGICAL DISTRICT AND COMPLY WITH ALL APPLICABLE RESTRICTIONS AND REQUIREMENTS GOVERNING THE JOB SITE.

GENERAL SITE PLAN NOTES:

1. CONTRACTOR ACCESS, PARKING, AND DELIVERY ROUTES SHALL BE LIMITED TO AREAS DESIGNATED ON THE SITE PLAN AND COORDINATED WITH THE OWNER PRIOR TO CONSTRUCTION.
2. CONSTRUCTION STAGING, MATERIAL LAYDOWN, AND DUMPSTERS SHALL BE CONFINED TO THE AREAS IDENTIFIED ON THE SITE PLAN OR OTHERWISE APPROVED BY THE OWNER. NO USE OF SCHOOL PARKING LOTS OR DRIVES OUTSIDE OF THESE AREAS UNLESS APPROVED BY THE OWNER.
3. SECURE FENCING/BARRIERS SHALL BE PROVIDED AROUND ACTIVE CONSTRUCTION ZONES TO FULLY SEPARATE STUDENTS/STAFF FROM CONSTRUCTION, WITH THE FENCING PLAN REVIEWED WITH THE OWNER PRIOR TO CONSTRUCTION.
4. STAGING AREAS FOR EQUIPMENT, DUMPSTERS, AND DELIVERIES SHALL BE DESIGNATED TO AVOID INTERFERING WITH STUDENT DROP-OFF, PICK-UP, AND BUS CIRCULATION, WITH THE STAGING PLAN REVIEWED WITH THE OWNER PRIOR TO CONSTRUCTION.
5. DISRUPTIVE WORK (DEMOLITION, ROOF TIE-INS, LOUD HVAC WORK) SHALL BE SCHEDULED TO AVOID TESTING WEEKS OR CRITICAL ACADEMIC EVENTS. THE OWNER WILL PROVIDE TESTING DATES AND ACADEMIC EVENTS FOR INCORPORATION INTO THE CONSTRUCTION SCHEDULE.
6. EMERGENCY EGRESS PATHS AND FIRE DEPARTMENT ACCESS ROUTES SHOWN ON THE SITE PLAN SHALL BE MAINTAINED AND REMAIN CLEAR AND ACCESSIBLE THROUGHOUT CONSTRUCTION.
7. TEMPORARY DIRECTIONAL SIGNAGE SHALL BE PROVIDED FOR REROUTED CORRIDORS, EXITS, AND RELOCATED CLASSROOMS TO REROUTE STUDENTS, STAFF, AND VISITORS SAFELY AROUND CONSTRUCTION ZONES INDICATED ON THE SITE PLAN.
8. ALL FENCING, STAGING, AND ACCESS ROUTES SHALL BE REVIEWED WITH AND APPROVED BY THE OWNER PRIOR TO CONSTRUCTION MOBILIZATION.
9. CONTRACTOR SHALL MAINTAIN PAVED DRIVES AND PEDESTRIAN PATHS FREE FROM CONSTRUCTION DEBRIS, MUD, OR DUST GENERATED FROM SITE ACTIVITIES.
10. REGULAR UPDATES AND CIRCULATION MAPS SHOWING ACTIVE CONSTRUCTION ZONES AND ACCESS ROUTES SHALL BE ISSUED TO THE OWNER.
11. ROOFING CONDITIONS SHALL REMAIN WATERTIGHT AT ALL TIMES, WITH TEMPORARY WEATHER PROTECTION PROVIDED AS NECESSARY.
12. ADVANCE NOTICE OF ELECTRICAL, PLUMBING, OR INTERNET SHUTDOWNS SHALL BE PROVIDED AS IDENTIFIED BY THE OWNER.
13. CONTRACTOR TO MAINTAIN ADA COMPLIANT ACCESS FROM PARKING AREA TO TEMP BUILDING ENTRY AT ALL TIMES.

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

CONSTRUCTION ZONE PLAN

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A1.02

Scale 1" = 30'-0"

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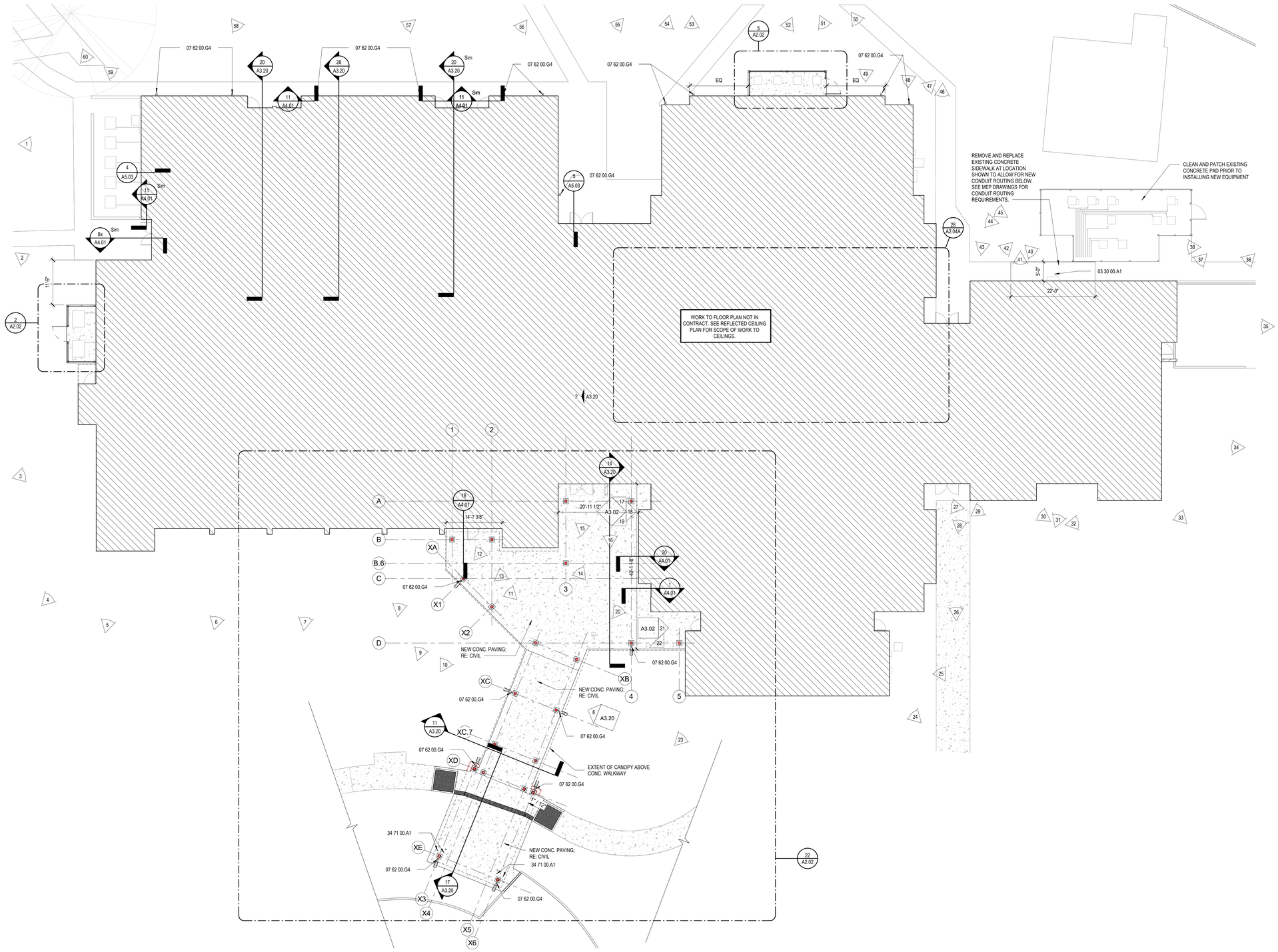


25 OVERALL FLOOR PLAN
3/32" = 1'-0"

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

03 30 00.A1	CAST-IN-PLACE CONCRETE
07 62 00.G4	3" X 4" DOWNSPOUT WITH SPLASH BLOCK; COLOR OF DOWNSPOUT TO MATCH CANOPY METAL WALL PANEL
34 71 00.A1	NEW BOLLARD; RE: CIVIL

EXTERIOR ELEVATION IMAGE REFERENCE LEGEND:

- REFERENCE VIEWS 1 - 23: SHEET A3.02
- REFERENCE VIEWS 24 - 42: SHEET A3.03
- REFERENCE VIEWS 43 - 60: SHEET A3.04

Construction Documents

No.	Description	Date

GREGORY V. DIAMOND
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

OVERALL FLOOR PLAN

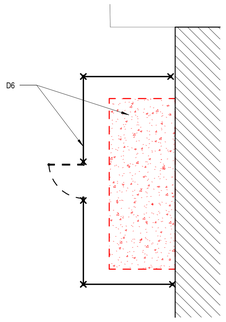
Copyright 2025 AQ Studios

AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

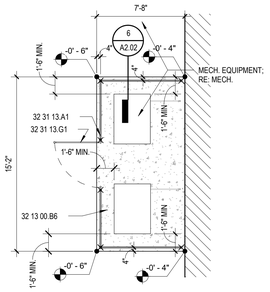
A2.01

Scale: As indicated

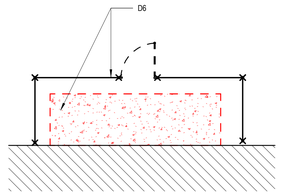
2/2/2026 11:38:39 AM



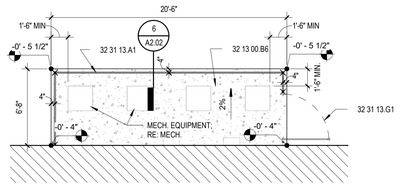
1 ENLARGED MECH DEMO PLAN
3/16" = 1'-0"



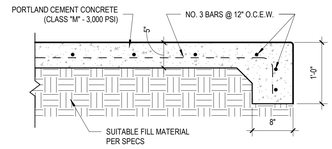
2 MECHANICAL YARD PLAN
3/16" = 1'-0"



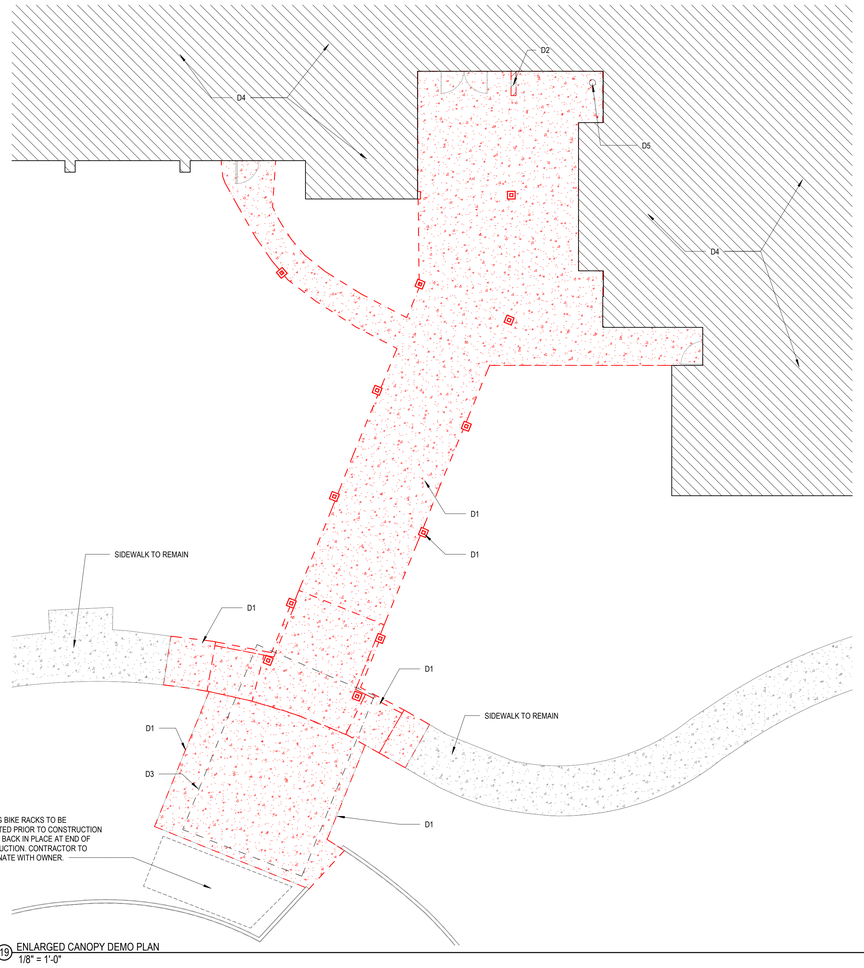
4 ENLARGED MECH DEMO PLAN
3/16" = 1'-0"



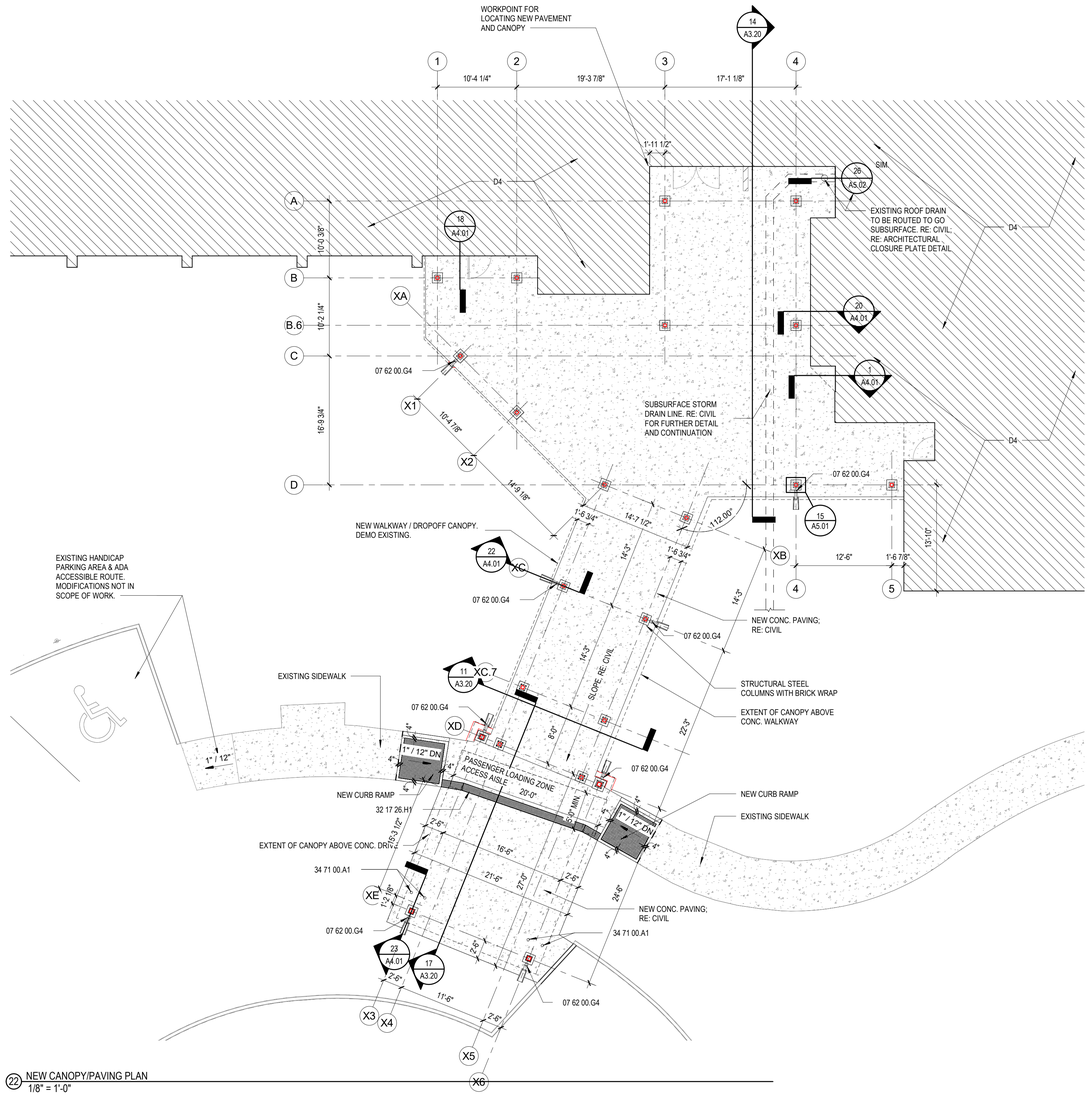
5 MECHANICAL YARD PLAN
3/16" = 1'-0"



6 CONCRETE MECHANICAL PAD DETAIL
1" = 1'-0"



19 ENLARGED CANOPY DEMO PLAN
1/8" = 1'-0"



22 NEW CANOPY/PAVING PLAN
1/8" = 1'-0"

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

07 62 00.G4	3" X 4" DOWNSPOUT WITH SPLASH BLOCK; COLOR OF DOWNSPOUT TO MATCH CANOPY METAL WALL PANEL
32 13 00.B6	5" CONCRETE PAVING
32 17 26.H1	FIBER REINFORCED COMPOSITE TACTILE WARNING TILE WITH RAISED TRUNCATED DOMES COMPLYING WITH ADA GUIDELINES; EACH 12" X 12" TILE TO BE: ANCHORED TO SUBSTRATE WITH (5) NO. 10 FLAT HEAD BRASS SCREWS INSTALLED THROUGH TILE MANUFACTURERS MOLDED HOLES; INSTALL WITH LEAD ANCHORS AT CONCRETE WALKS
32 31 13.A1	4'-0" HIGH CHAIN LINK FENCE: GALVANIZED STEEL FINISH; COORDINATE CONC. FOOTING SIZE AND DEPTH W/ MFR; PROVIDE GATE, TENSION CABLES, LATCH HARDWARE, POSTS, AND POST CAPS. POSTS TO BE SURFACE MOUNTED TO CONCRETE PER MANUFACTURER REQUIREMENTS
32 31 13.G1	4'-0" WIDE CHAIN LINK SWING GATE; PROVIDE LOCKABLE LATCH HARDWARE
34 71 00.A1	NEW BOLLARD; RE: CIVIL

DEMOLITION NOTES BY NUMBER:

D1. SAWCUT AND REMOVE EXISTING CONCRETE/PAVING AND ASSOCIATED BUILDING CANOPY COMPONENTS INCLUDING COLUMN FOUNDATIONS, & COLUMN WRAPS. REFER TO CIVIL PLANS FOR SAWCUT LOCATIONS.

D2. EXISTING BRICK WALL TO REMAIN. PATCH WALL WITH BRICK AND MORTAR TO MATCH EXISTING AFTER DEMOLITION OF ADJACENT BUILDING AND ASSOCIATED MECHANICAL, ELECTRICAL, AND PLUMBING ELEMENTS THAT PENETRATE OR ATTACH TO WALL THAT ARE ABANDONED.

D3. REMOVE EXISTING VEHICLE AND WALKWAY CANOPY, CANOPY STRUCTURE AND FOUNDATIONS IN ITS / THEIR ENTIRETY.

D4. REFER TO A3 SERIES IMAGE SHEETS FOR SELECTIVE DEMO REFERENCE IMAGES AND NOTES AT EXISTING BUILDING FACE AND ROOF LOCATIONS.

D5. REMOVE EXISTING PVC ELBOW AND STAINLESS STEEL PLATE; CUT EXPOSED DRAIN PIPE TO NECESSARY SIZE TO ACCOMMODATE NEW ROOF DRAIN CONDITION; RE: CIVIL AND ARCHITECTURAL DETAILS.

D6. REMOVE EXISTING MECHANICAL EQUIPMENT (RE: MECH DRAWINGS), CONCRETE PAD & FOUNDATION, AND MECHANICAL YARD FENCING.

GENERAL PAVING PLAN NOTE:

REFER TO CIVIL FOR PAVING AND JOINT LAYOUT PLAN.

GENERAL NOTE:

REFER TO & COORDINATE WITH CIVIL, MEP, AND STRUCTURAL DEMO DRAWINGS AND NOTES FOR ALL SITE AND UTILITY DEMOLITION ITEMS.

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7585
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

CANOPY & MECH PAD DEMO PLAN & FLOOR PLAN

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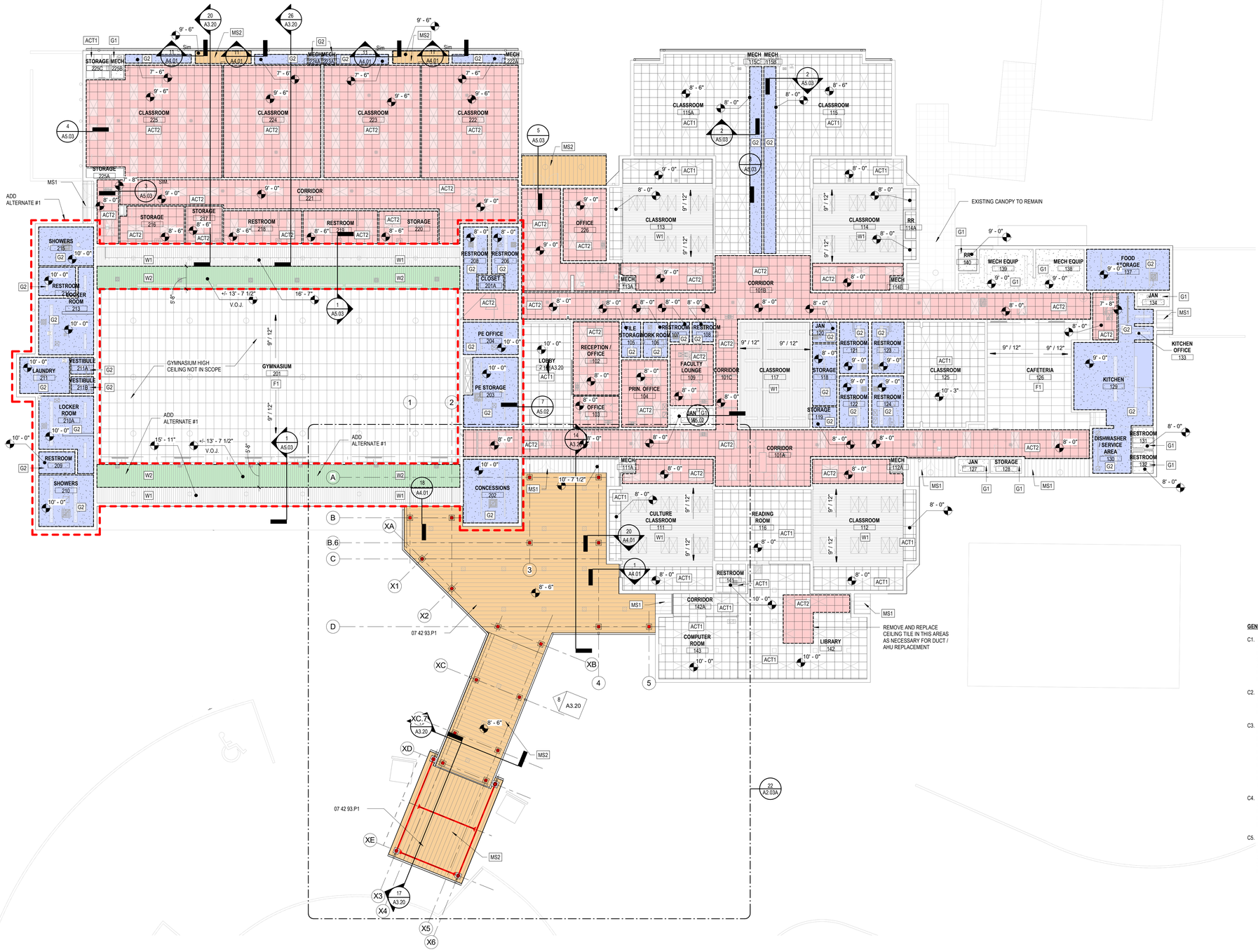
ADD ALTERNATE NOTES:

1. ADD ALTERNATE #1 - REMOVE AND REPLACE DUCTS AND CEILINGS:
   - REMOVE AND REPLACE EXISTING DUCT WORK, GRILLES/LOUVERS, ETC. AT LOCATIONS INDICATED IN REFLECTED CEILING PLAN & MECHANICAL DRAWINGS.
   - REMOVE AND REPLACE CEILINGS, BULKHEADS/FURRING, FRAMING MEMBERS, ETC.AS REQUIRED TO REMOVE AND REPLACE MECHANICAL EQUIPMENT. REFER TO REFLECTED CEILING PLAN FOR GENERAL LOCATION OF CEILING WORK AND MECHANICAL DRAWINGS FOR FULL EXTENT OF MECHANICAL WORK IN ALTERNATE.
   - REMOVE AND REPLACE LIGHTING FIXTURES AND ASSOCIATED ELECTRICAL WORK WHERE CEILINGS ARE BEING REPLACED. REFER TO ELECTRICAL DRAWINGS FOR FULL EXTENT OF ELECTRICAL WORK IN ALTERNATE.
2. ADD ALTERNATE #2 - REMOVE GABLE ROOF ELEMENTS:
   - DEMOLISH EXISTING GABLE ROOF AREAS (X2) (SEE PLAN FOR LOCATIONS) INCLUDING ALL ASSOCIATED METAL ROOF PANELS, ROOF DECKING, INSULATION, ROOF FRAMING MEMBERS, ETC. TO ALLOW FOR INSTALL OF NEW ROOF FRAMING & DECKING (SEE STRUCTURAL), RIGID ROOF INSULATION, AND MEMBRANE ROOF SYSTEM.



25 REFLECTED CEILING PLAN
3/32" = 1'-0"

GENERAL CEILING/BULKHEAD NOTES:

C1. CONTRACTOR TO REMOVE AND/OR MODIFY EXISTING CEILING, VERTICAL & HORIZONTAL GYP/WOOD BULKHEADS, FRAMING MEMBERS, SUSPENSION SYSTEM, ETC. AS REQUIRED TO ALLOW FOR DEMO AND INSTALL OF MECHANICAL EQUIPMENT. PROVIDE NEW FRAMING MEMBERS AS REQUIRED TO INSTALL NEW WALL FINISH. FINISH TO MATCH EXISTING.

C2. EXISTING LIGHT FIXTURES TO REMAIN. CONTRACTOR TO VERIFY LOCATIONS AND QUANTITIES ON SITE. REMOVE TEMPORARILY AS REQUIRED TO ALLOW FOR DEMO AND INSTALL OF MECHANICAL EQUIPMENT.

C3. CONTRACTOR SHALL DOCUMENT THE HEIGHTS OF EACH EXISTING CEILING PRIOR TO DEMOLITION AND RETURN THE CEILING TO THE PREVIOUS HEIGHT. RCP CEILING ELEVATIONS INDICATE THE DESIRED ELEVATION FOR WHICH NEW CEILING IS TO BE CONSTRUCTED. IF ADJUSTMENTS TO CEILING HEIGHT NEED TO BE MADE, COORDINATE THE NEW CEILING HEIGHTS WITH THE NEW WORK INCLUDING DUCTS / FIXTURES / ETC. AND VERIFY WITH ARCHITECT PRIOR TO INSTALL.

C4. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SPRINKLER PIPING, SPRINKLER HEADS, HANGERS, ETC. PRIOR TO DEMOLITION AND CONSTRUCTION. EXISTING SPRINKLER SYSTEM TO REMAIN. SEE NOTES IN FIRE PROTECTION DRAWINGS.

C5. CONTRACTOR TO FIELD VERIFY ALL EXISTING CEILING-MOUNTED EQUIPMENT AND SYSTEMS INCLUDING BUT NOT LIMITED TO SPRINKLER SYSTEM AND DEVICES, FIRE ALARM DEVICES, EXIT DEVICES AND SIGNAGE, SECURITY DEVICES, ETC. REMOVE AND REINSTALL AS REQUIRED TO PERFORM CEILING WORK.

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ARCHITECTURE

KEYNOTE EXPLANATION

07 42 93.P1 METAL SOFFIT PANEL WITH CONCEALED FASTENERS; 12" FLUSH PROFILE; VENTED. PROVIDE VENTED PANELS @ 4'-0" O.C.; COLOR TO BE SELECTED BY MANUFACTURER'S FULL LINE OF AVAILABLE COLORS INCLUDING ALL METALLIC FINISHES (BASIS OF DESIGN: PAC-CLAD OR EQUAL, COLOR: BONE WHITE)

REFLECTED CEILING PLAN LEGEND

- ACT1 — 2X2 ACOUSTICAL CEILING TILE EXISTING TO REMAIN
- ACT2 — 2X2 ACOUSTICAL CEILING TILE REMOVE EXISTING AND PROVIDE NEW IN AREA SHOWN IN RED
- G1 — GYP. BD. CEILING EXISTING TO REMAIN
- G2 — GYP. BD. CEILING REMOVE EXISTING AND PROVIDE NEW IN AREA SHOWN IN BLUE; PAINT TO MATCH EXISTING; PROVIDE MOISTURE RESISTANT GYP AT ALL WET AREAS
- W1 — WOOD PLANK CEILING EXISTING TO REMAIN
- W2 — WOOD PLANK CEILING REMOVE EXISTING AND PROVIDE NEW IN AREA SHOWN IN GREEN
- F1 — FIBERGLASS CEILING PANELS EXISTING TO REMAIN
- MS1 — EXTERIOR SOFFIT EXISTING TO REMAIN. TRIM/MODIFY AS REQUIRED TO ADDRESS NEW WORK INCLUDED IN THESE DOCUMENTS
- MS2 — METAL SOFFIT PANEL - FLUSH -7" - VENTED REMOVE EXISTING AND PROVIDE NEW IN AREA SHOWN IN ORANGE
- EXTENTS OF ADD ALTERNATE #1 RE: MECHANICAL

GENERAL REFLECTED CEILING PLAN NOTE:
EXISTING LIGHTING SHOWN FOR REFERENCE ONLY. CONTRACTOR TO VERIFY LOCATIONS & QUANTITIES IN FIELD PRIOR TO BIDDING.

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
LICENSE NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

REFLECTED CEILING PLAN

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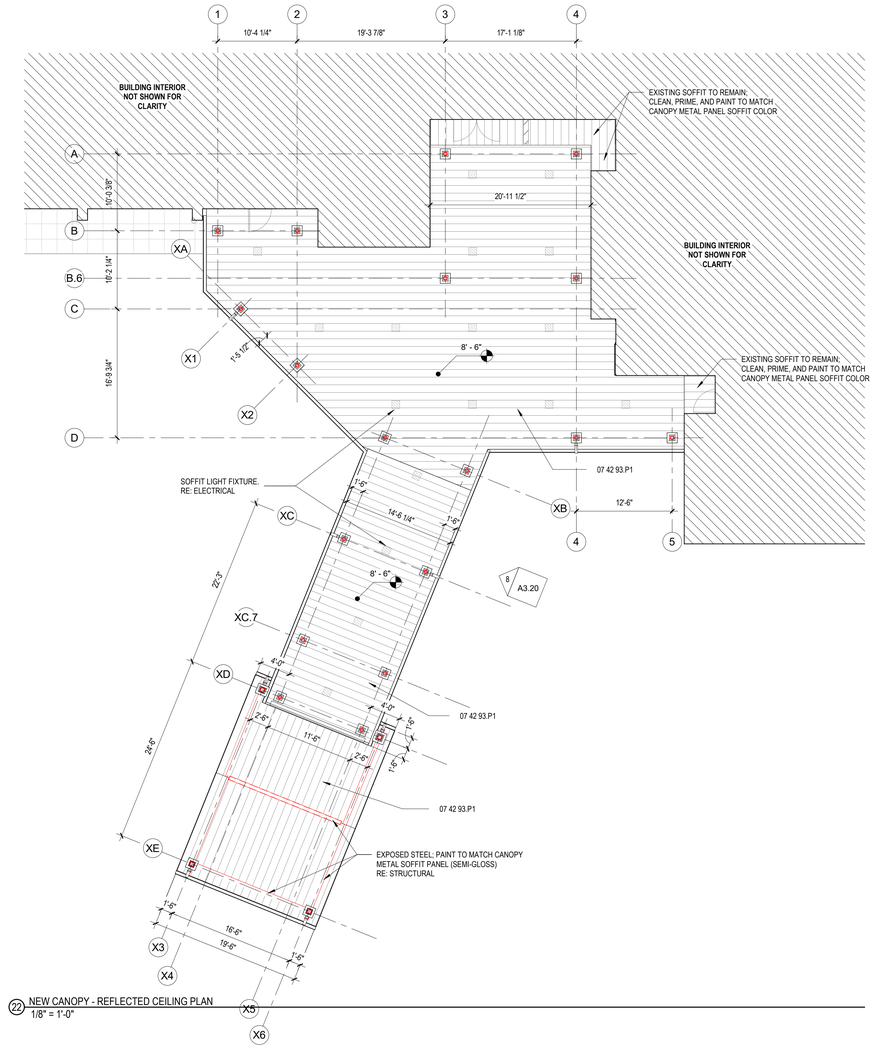

22 NEW CANOPY - REFLECTED CEILING PLAN
1/8" = 1'-0"

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

07 42 93.P1 METAL SOFFIT PANEL WITH CONCEALED FASTENERS; 12" FLUSH PROFILE; VENTED. PROVIDE VENTED PANELS @ 4'-0" O.C.; COLOR TO BE SELECTED BY MANUFACTURER'S FULL LINE OF AVAILABLE COLORS INCLUDING ALL METALLIC FINISHES (BASIS OF DESIGN: PAC-CLAD OR EQUAL, COLOR: BONE WHITE)

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 35951
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ENLARGED CANOPY REFLECTED CEILING PLAN

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Scale	1/8" = 1'-0"

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25 EXISTING ROOF PLAN
3/32" = 1'-0"

EXISTING ROOF SYSTEM LEGEND

ERS-1 — **EXISTING ROOF SYSTEM 1 (ERS-1):**
- SINGLE PLY ROOF MEMBRANE (MECHANICALLY ATTACHED AND WELDED SEAMS)
- RIGID INSULATION (APPROX. 4" OF XPS, MECHANICALLY FASTENED TO METAL ROOF)
- 24" WIDE TRAPEZOIDAL STANDING SEAM PANELS (APPROX. 3" TALL, SNAP OR MACHINE SEAM - ACTUAL UNKNOWN)
- APPROX. 4" METAL BUILDING INSULATION UNDER ROOF PANELS (FROM TOP OF METAL ROOF PANELS UP)
- "Z" COLD ROLLED STEEL PURLINS @ 48" O.C. (PER ORIGINAL DRAWINGS, VOJ)

ERS-2 — **EXISTING ROOF SYSTEM 2 (ERS-2):**
- SINGLE PLY ROOF MEMBRANE (MECHANICALLY ATTACHED AND WELDED SEAMS)
- 1/2" "FAN FOLD" BOARD
- APPROX. 3-5" RIGID INSULATION OF FOAMED IN LOW RISE INSULATION
- GRAVEL TOPPED BUILT UP ROOF SYSTEM
- 3X WOOD ROOF DECK (PER EXISTING DRAWINGS)
- 6" BATT INSULATION (PER ORIGINAL DRAWINGS) UNDER ROOF DECK

NOTE: DRAWINGS INDICATE THIS AREA HAS NAILERS ADDED TO PROVIDE ROOF SLOPE. SLOPE DOES NOT APPEAR TO BE BY INSULATION.

ERS-3 — **EXISTING ROOF SYSTEM 3 (ERS-3):**
- ALL EXISTING ROOF / STRUCTURE IN THIS AREA TO BE DEMOLISHED IN IT'S ENTIRETY AS PART OF THE FRONT ENTRY CANOPY AND WALKWAY REPLACEMENT.
- ARE TO RECEIVE COMPLETELY NEW STRUCTURE AND ROOF.

ERS-4 — **EXISTING ROOF SYSTEM 4 (ERS-4):**
- SINGLE PLY ROOF MEMBRANE (MECHANICALLY ATTACHED AND WELDED SEAMS)
- 1/2" "FAN FOLD" BOARD
- APPROX. 5-6" THICK SPRAY/LOW RISE INSULATION
- GRAVEL TOPPED BUILT UP ROOF SYSTEM
- WOOD ROOD DECK (2X TO 3X DEPENDING ON AREA PER EXISTING DRAWINGS)
- 6" BATT INSULATION (PER ORIGINAL DRAWINGS) UNDER ROOF DECK

ERS-5 — **EXISTING ROOF SYSTEM 5 (ERS-3):**
- EXPOSED FASTENER METAL PANEL (PB OR U TYPE PROFILE)
- UNDERLAYMENT (ASSUMED - CONTRACTOR TO FIELD VERIFY)
- WOOD ROOF DECK (2X TO 3X DEPENDING ON AREA PER EXISTING DRAWINGS)
- 6" BATT INSULATION (PER ORIGINAL DRAWINGS) UNDER ROOF DECK AND IN BETWEEN WOOD FRAMING MEMBERS

NOTE: ORIGINAL ROOFING WAS ASPHALT SHINGLES OVER 2 LAYERS 15 LB FELT. UNKNOWN IF ORIGINAL ROOF STILL REMAINS.

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KEYNOTE EXPLANATION

EXISTING ROOFING LEGEND:

EXISTING SINGLE PLY PVC ROOF

EXISTING METAL PANEL ROOFING

GENERAL EXISTING ROOF PLAN NOTE:
THE CONFIGURATION OF EXISTING ROOF TYPES SHOWN HAS BEEN IDENTIFIED BY THE ARCHITECT BASED ON AVAILABLE EXISTING DRAWINGS, CORING SAMPLES, AND LIMITED SITE VERIFICATION. THIS INFORMATION IS PROVIDED FOR REFERENCE ONLY. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE FIELD VERIFICATION OF EXISTING CONDITIONS DURING THE BIDDING PROCESS, INCLUDING BUT NOT LIMITED TO ROOF ASSEMBLIES, DECK CONDITIONS, SLOPES, INSULATION THICKNESSES, FLASHING CONDITIONS, AND ROOF PENETRATIONS. ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO BID SUBMISSION.

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

EXISTING ROOF TYPE PLAN

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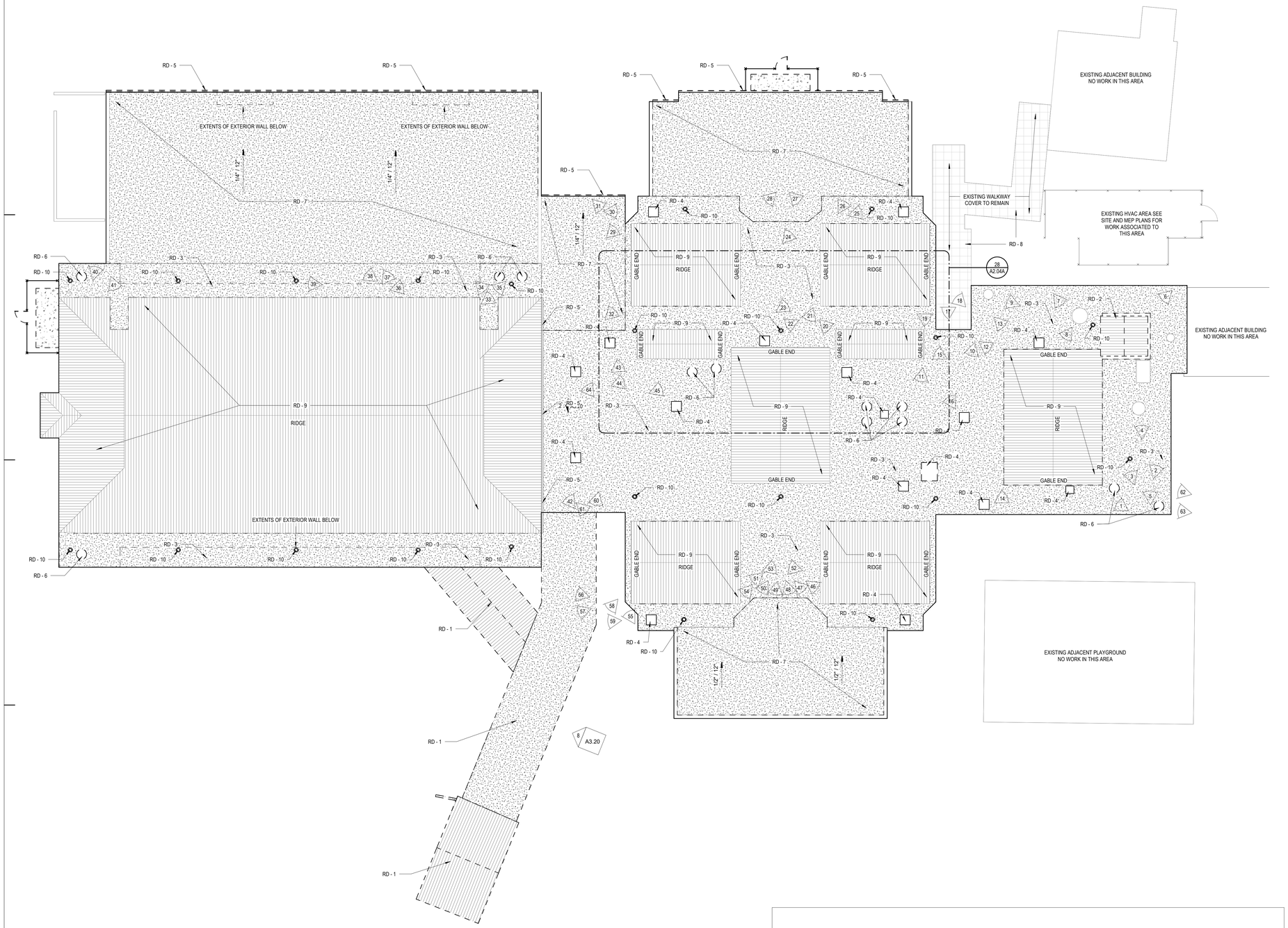
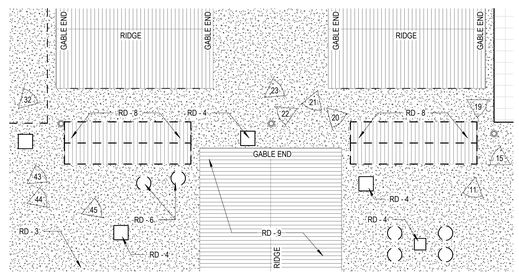


25 OVERALL ROOF - DEMO PLAN
3/32" = 1'-0"



28 OVERALL ROOF - DEMO PLAN - ALTERNATE 2
3/32" = 1'-0"

TYPICAL ROOF DEMOLITION NOTES

1. NUMBER AND CONFIGURATION OF ROOF PENETRATIONS AND STRUCTURES HAVE BEEN VERIFIED BY THE ARCHITECT TO THE EXTENT PRACTICAL. CONTRACTOR'S PROPOSAL IS TO COVER REASONABLE DISCREPANCIES IN THE EXACT NUMBER OF PENETRATIONS REQUIRED. ARCHITECT'S IDENTIFICATION IS FOR REFERENCE ONLY; THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COMPLETE FIELD VERIFICATION DURING BIDDING.
2. ANY DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND LOCATIONS OF ROOFTOP EQUIPMENT AND PENETRATIONS.
3. REMOVE ALL EXISTING ROOF EDGE METAL, COPING, BLOCKING UNDER COPING DOWN TO PARAPET SUBSTRATE/FRAMING, EXPANSION JOINTS, SCUPPER METAL AND FLASHING AND BASE FLASHING COMPONENTS AT PENTHOUSES OR OTHER PENETRATIONS AND CURBS AS REQUIRED BY DOCUMENTS AND/OR TO INSTALL NEW.
4. ALL HVAC EQUIPMENT MOUNTED ON ROOF CURBS, CHILLED WATER PIPES, GAS LINES, ELECTRICAL LINES, ELECTRICAL RACKS, SIGNAGE, TO BE TEMPORARILY REMOVED (IF REQUIRED) OR SHORED UP UNTIL NEW CURB / ROOFING IS INSTALLED.
5. REMOVE ALL CURBS AND ASSOCIATED FLASHING NOT USED.
6. REMOVE AND REPLACE ALL PIPE SUPPORTS WITH SUPPORTS THAT ARE COMPATIBLE WITH NEW ROOFING.
7. REMOVE ALL ABANDONED ROOFTOP EQUIPMENT AND ANY ASSOCIATED SUPPORTS.
8. REMOVE ALL ABANDONED ELECTRICAL, PLUMBING, MECHANICAL PENETRATIONS.
9. ALL CABLES IN CONDUIT OR LOOSE SHALL BE TESTED TO SEE IF THEY ARE ACTIVE, OTHERWISE .REMOVE ALL ABANDONED CABLING, CONDUIT, AND MISC. ITEMS LAYING FREE OVER THE ROOF. COORDINATE WITH OWNER FOR OTHER CABLING NOTED IN THE DRAWINGS.
10. IF REQUIRED FOR NEW ROOF INSTALLATION, REMOVE ALL GRAVITY VENTS, EXHAUST FANS AND SALVAGE FOR RE-INSTALLATION AFTER NEW ROOFING IS INSTALLED.
11. IF EXISTING WOOD CURBS ARE DAMAGED OR HAVE SIGNS OF DECAY, REMOVE TO REPLACE WITH NEW.
12. CONTRACTOR TO FIELD VERIFY EXISTING DECK SLOPE.
13. CONTRACTOR TO COORDINATE EXISTING PENETRATION OPENING SIZES IN ROOF DECK AND DETERMINE PRACTICALITY OF RE-USE OR MODIFICATION BASED ON PLACEMENT OF NEW ROOF EQUIPMENT.
14. CONTRACTOR TO PERMANENTLY PATCH OPENING TO MATCH ADJACENT ROOF ASSEMBLY, INCLUDING DECKING, WHERE EXISTING PENETRATIONS IN ROOF WILL NOT BE RE-USED OR MODIFIED.

EXISTING ROOFING LEGEND:

EXISTING SINGLE PLY PVC ROOF

EXISTING METAL PANEL ROOFING

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KEYNOTE EXPLANATION

ROOF DEMOLITION NOTES:

SEE ROOF AND ELEVATION IMAGES & DETAILS FOR ADDITIONAL DEMOLITION ITEMS AND NOTES TO THOSE LISTED BELOW.

RD1. REMOVE EXISTING CANOPY INCLUDING ALL STRUCTURE, COLUMN WRAPS, FOUNDATIONS, ELECTRICAL WIRING, LIGHTING, WALL FLASHING & SEALANTS, ETC. REPAIR/PATCH EXISTING BUILDING EXTERIOR WALL AND ENVELOPE TO PROVIDE WATER TIGHT ENCLOSURE.

RD2. REMOVE EXISTING MECHANICAL UNIT ENCLOSURE SHED AND ASSOCIATED CURB AND SUPPORTS. REMOVE EXISTING ROOFING & INSULATION AS REQUIRED. SEE STRUCTURAL FOR EXTENTS OF ROOF DECKING & ROOF STRUCTURE DEMOLITION REQUIRED.

RD3. REMOVE EXISTING ROOFING SYSTEM IN ITS ENTIRETY DOWN TO ROOF DECK. REMOVE DIRT & DEBRIS FROM EXISTING ROOF DECK. EXISTING ROOF DECK TO REMAIN.

RD4. REMOVE EXISTING ATTIC VENT HOOD, VENT PIPE, & ASSOCIATED MOUNTING BRACKETS/SUPPORTS.

RD5. REMOVE AND REPLACE EXISTING GUTTERS AND DOWNSPOUTS. REFER TO ROOF PLAN FOR LOCATIONS OF NEW GUTTERS/ DOWNSPOUTS AND ADDITIONAL NOTES.

RD6. REMOVE EXISTING VENT HOOD & FAN, VENT PIPE, & ASSOCIATED MOUNTING BRACKETS/SUPPORTS.

RD7. REMOVE EXISTING ROOF SYSTEM IN ITS ENTIRETY DOWN TO THE EXISTING TRAPEZOIDAL METAL ROOF PANELS. EXISTING ROOF PANELS AND SUB-STRUCTURE TO REMAIN. REMOVE DIRT AND DEBRIS FROM EXISTING PANELS.

RD8. REMOVE EXISTING METAL ROOF PANELS, DECKING/SHEATHING, ROOF FRAMING, INSULATION, GABLE END FRAMING, AND ALL ASSOCIATED BLOCKING, ANCHORING/FASTENING AND FINISHES AS REQUIRED TO INSTALL NEW ROOF FRAMING/DECKING AND ROOFING MEMBRANE. RE: STRUCTURAL FOR NEW ROOF FRAMING INFORMATION & DETAILING.

RD9. EXISTING METAL ROOFING SYSTEM TO REMAIN. NO WORK EXCEPT AS NOTED IN DETAILS AS REQUIRED FOR TIE IN OF NEW ROOFING SYSTEM AT BASE TERMINATION OF EXISTING METAL ROOF SYSTEM.

RD10. REMOVE AND REPLACE EXISTING ROOF DRAINS; SIZE AND TYPE TO MATCH EXISTING, VOJ

NOTE: REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES. REFER TO STRUCTURAL DRAWINGS FOR NOTES/DETAILS PERTAINING TO DECK MODIFICATION AND/OR REPAIRS NEEDED FOR MECHANICAL AND ROOFING WORK.

CONTRACTOR TO PROVIDE TEMPORARY ROOF CLOSURE AND EQUIPMENT CURBS WHERE REQUIRED AS A RESULT OF CONSTRUCTION PHASING.

ROOF IMAGE REFERENCE LEGEND:

- REFERENCE VIEWS 1 - 6: SHEET A3.05
- REFERENCE VIEWS 7 - 12: SHEET A3.06
- REFERENCE VIEWS 13 - 18: SHEET A3.07
- REFERENCE VIEWS 19 - 24: SHEET A3.08
- REFERENCE VIEWS 25 - 30: SHEET A3.09
- REFERENCE VIEWS 31 - 36: SHEET A3.10
- REFERENCE VIEWS 37 - 42: SHEET A3.11
- REFERENCE VIEWS 43 - 48: SHEET A3.12
- REFERENCE VIEWS 49 - 54: SHEET A3.13
- REFERENCE VIEWS 55 - 60: SHEET A3.14
- REFERENCE VIEWS 61 - 64: SHEET A3.15

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ROOF DEMO & IMAGE REFERENCE PLAN

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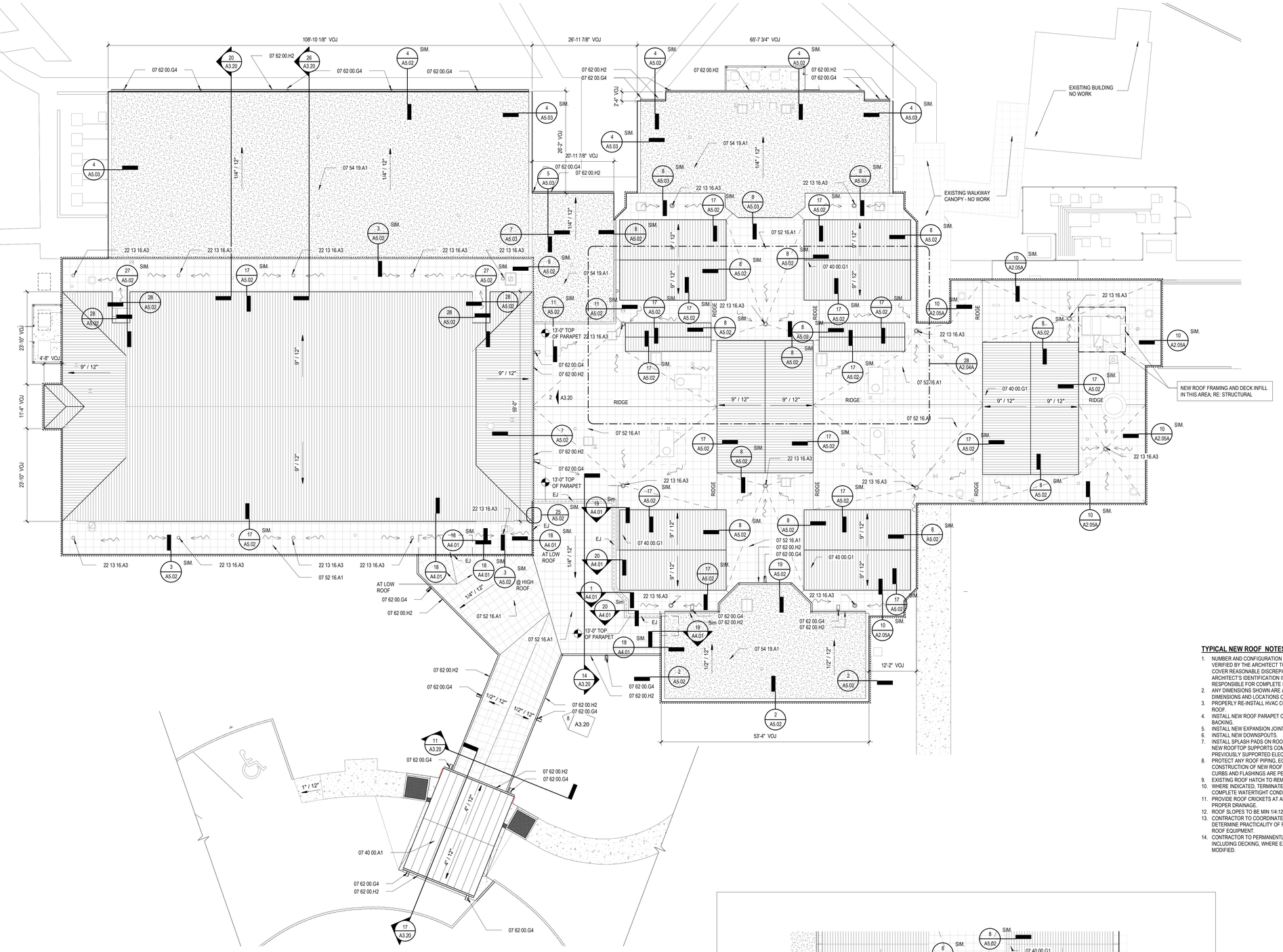
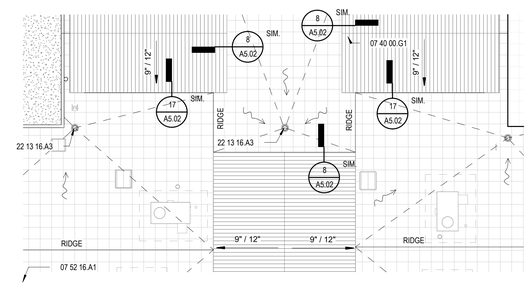


25 OVERALL ROOF PLAN
3/32" = 1'-0"



28 OVERALL ROOF PLAN - ALTERNATE 2
3/32" = 1'-0"

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

07 40 00.A1	STANDING SEAM METAL ROOF SYSTEM; BASIS-OF-DESIGN, PAC-CLAD TITE-LOC PLUS, OR APPROVED EQUAL. PROVIDE CUSTOM COLOR AS REQUIRED TO MATCH EXISTING BUILDING METAL ROOF
07 40 00.G1	METAL ROOF SYSTEM
07 52 16.A1	SBS MODIFIED BITUMEN MEMBRANE ROOFING SYSTEM
07 54 19.A1	PVC MEMBRANE ROOFING SYSTEM
07 62 00.G4	3" X 4" DOWNSPOUT WITH SPLASH BLOCK; COLOR OF DOWNSPOUT TO MATCH CANOPY METAL WALL PANEL.
07 62 00.H2	5" X 5" BOX GUTTER; COLOR TO MATCH CANOPY METAL WALL PANEL
22 13 16.A3	ROOF DRAIN. SIZE AND TYPE TO MATCH EXISTING. VOJ

ROOFING LEGEND:

- EXISTING METAL PANEL ROOFING 07 40 00.G1
- NEW SINGLE PLY PVC ROOF OVERLAY 07 54 19.A1
- NEW STANDING SEAM METAL ROOF SYSTEM 07 40 00.A1
- NEW SBS MODIFIED BITUMEN ROOFING 07 52 16.A1
- GENERAL DIRECTION OF RAINWATER DRAINAGE BASED ON PROPOSED ROOF SLOPES
- WOOD FASCIA BOARD IN SCOPE; REFERENCE NOTE E3 ON IMAGE REFERENCE SHEETS FOR FURTHER INFORMATION

TYPICAL NEW ROOF NOTES:

1. NUMBER AND CONFIGURATION OF ROOF PENETRATIONS AND STRUCTURES HAVE BEEN VERIFIED BY THE ARCHITECT TO THE EXTENT PRACTICAL. CONTRACTOR'S PROPOSAL IS TO COVER REASONABLE DISCREPANCIES IN THE EXACT NUMBER OF PENETRATIONS REQUIRED. ARCHITECT'S IDENTIFICATION IS FOR REFERENCE ONLY; THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COMPLETE FIELD VERIFICATION DURING BIDDING.
2. ANY DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND LOCATIONS OF ROOFTOP EQUIPMENT AND PENETRATIONS.
3. PROPERLY RE-INSTALL HVAC CONDENSATE DRAINS AND PROPERLY SUPPORT THEM ON ROOF.
4. INSTALL NEW ROOF PARAPET COPING TO ACCOMMODATE NEW PARAPET BLOCKING AND BACKING.
5. INSTALL NEW EXPANSION JOINT.
6. INSTALL NEW DOWNSPOUTS.
7. INSTALL SPLASH PADS ON ROOF AT EXISTING AND NEW DOWNSPOUT LOCATIONS PROVIDE NEW ROOFTOP SUPPORTS COMPATIBLE WITH NEW ROOFING AT LOCATIONS WHERE PREVIOUSLY SUPPORTED ELECTRICAL CONDUIT EXISTED.
8. PROTECT ANY ROOF PIPING, EQUIPMENT, OR PLUMBING THAT REMAINS DURING CONSTRUCTION OF NEW ROOF. PROPERLY SUPPORT AS REQUIRED UNTIL NEW SUPPORTS, CURBS AND FLASHINGS ARE PERMANENTLY INSTALLED.
9. EXISTING ROOF HATCH TO REMAIN. PAINT AS REQUIRED TO MATCH ROOF EDGE METAL.
10. WHERE INDICATED, TERMINATE / TIE-IN TO STANDARD PARAPET TURN UP AT ENDS FOR COMPLETE WATERTIGHT CONDITION.
11. PROVIDE ROOF CRICKETS AT ALL ROOF MOUNTED EQUIPMENT AND CURBS TO ALLOW FOR PROPER DRAINAGE.
12. ROOF SLOPES TO BE MIN 1/4:12 UNLESS NOTED OTHERWISE.
13. CONTRACTOR TO COORDINATE EXISTING PENETRATION OPENING SIZES IN ROOF DECK AND DETERMINE PRACTICALITY OF RE-USE OR MODIFICATION BASED ON PLACEMENT OF NEW ROOF EQUIPMENT.
14. CONTRACTOR TO PERMANENTLY PATCH OPENING TO MATCH ADJACENT ROOF ASSEMBLY, INCLUDING DECKING, WHERE EXISTING PENETRATIONS IN ROOF WILL NOT BE RE-USED OR MODIFIED.

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
LICENSE NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

OVERALL ROOF PLAN

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AQ Studios Project Number	24009
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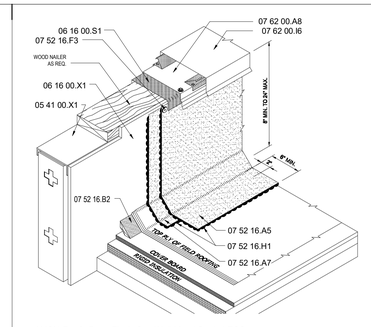
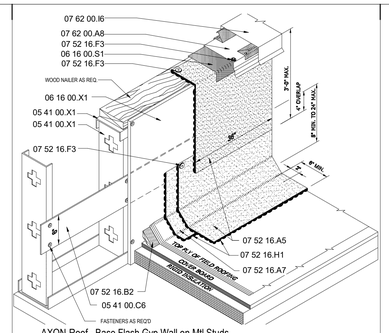
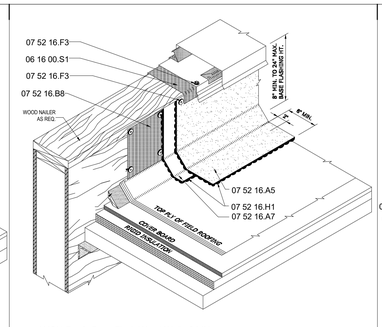


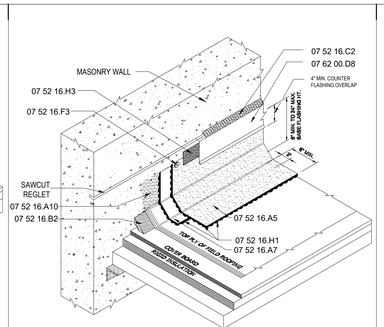
2 AXON-Roof - Base Flash Gyp Wall Metal Studs LESS than 24 in. W/ Coping1
12" = 1'-0"



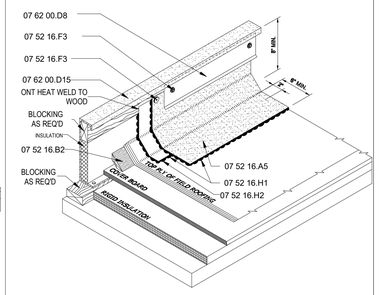
3 AXON-Roof - Base Flash Gyp Wall on Mtl Studs GREATER than 24 in1
12" = 1'-0"



4 AXON-Roof - Base Flash Wood Wall - 24 IN COPING1
12" = 1'-0"

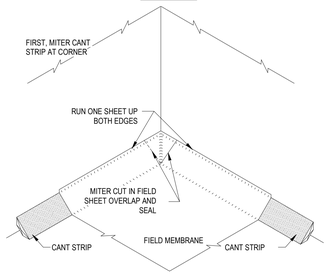


5 AXON-Roof - Base Flashing Load Bearing Masonry Wall w/ Counter Flash1
12" = 1'-0"

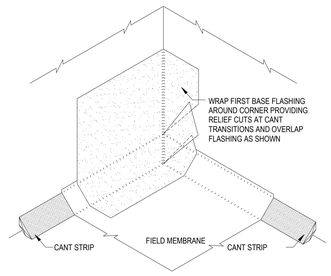


6 AXON-Roof - Prefabricated Curb1
12" = 1'-0"

STEP 1



STEP 2



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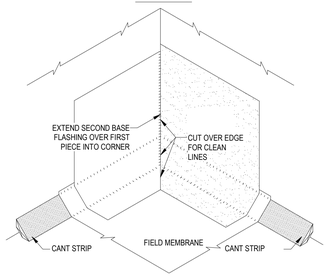
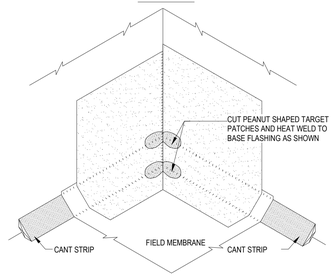
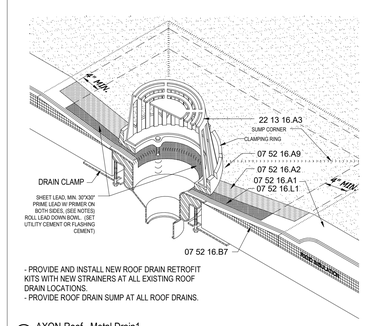


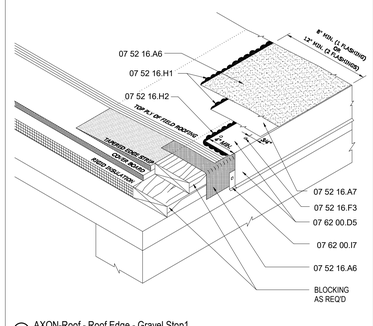
STEP 4



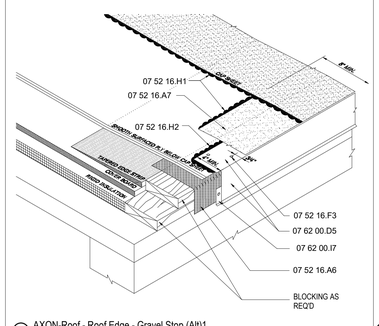
13 AXON-Roof - Base Flashing at Inside Corner
12" = 1'-0"



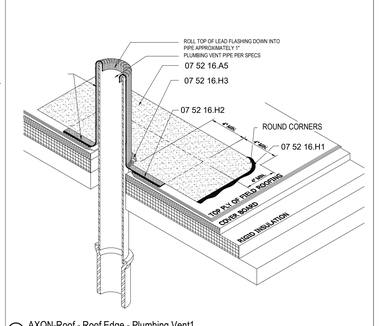
9 AXON-Roof - Metal Drain1
12" = 1'-0"



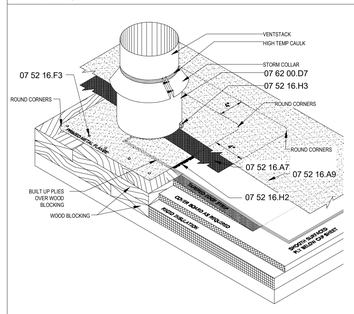
10 AXON-Roof - Roof Edge - Gravel Stop1
12" = 1'-0"



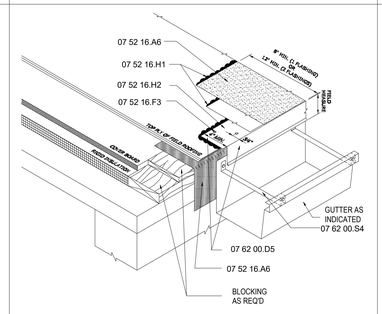
11 AXON-Roof - Roof Edge - Gravel Stop (Alt)1
12" = 1'-0"



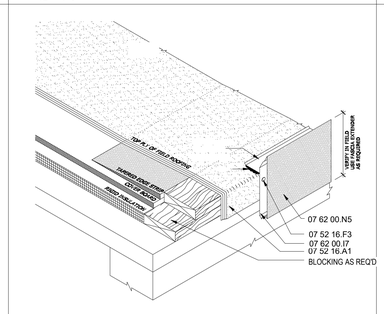
12 AXON-Roof - Roof Edge - Plumbing Vent1
12" = 1'-0"



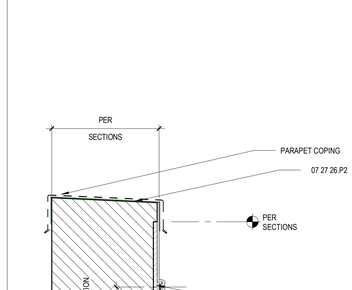
15 AXON-Roof - Roof Edge - Vent Stack (Warm)1
12" = 1'-0"



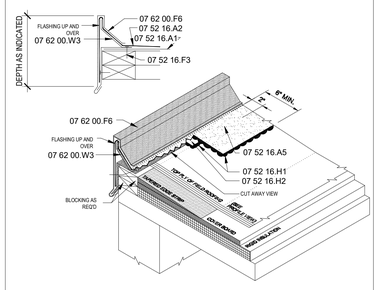
16 AXON-Roof - Roof Edge Gutter1
12" = 1'-0"



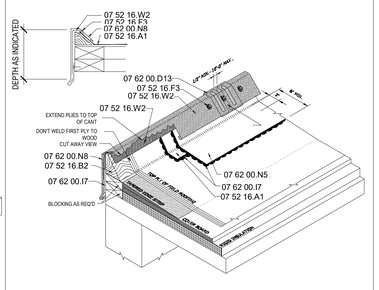
17 AXON-Roof - Roof Edge W/ Anchor Bar1
12" = 1'-0"



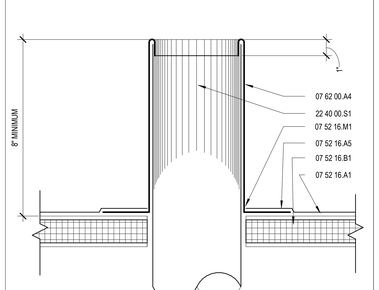
DETAIL - SBS ROOFING AT BACK OF PARAPET (TYP. U.N.O.)
1 1/2" = 1'-0"



22 AXON-Roof - Roof Edge W/ Lock1
12" = 1'-0"

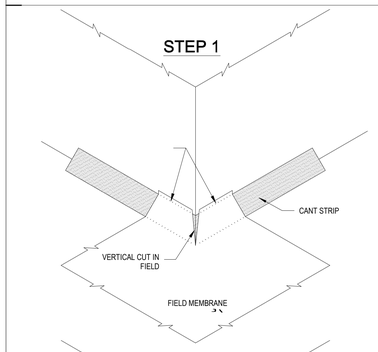


23 AXON-Roof - Roof Edge W/ Raised Metal Cant Fascia1
12" = 1'-0"

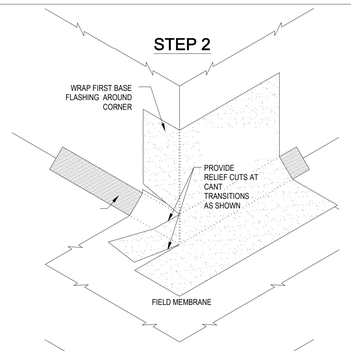


24 Plumbing Vent - Typical
3" = 1'-0"

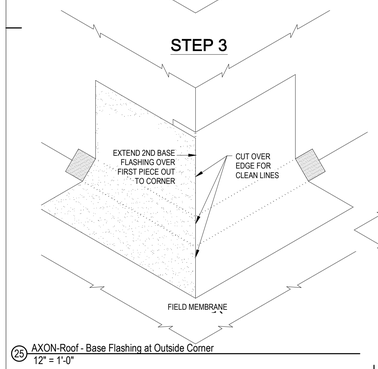
STEP 1



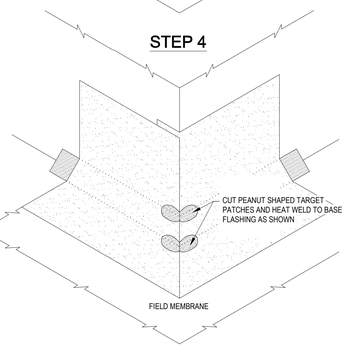
STEP 2



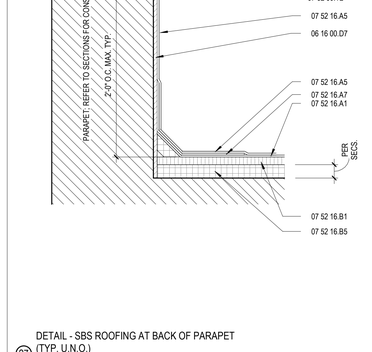
STEP 3



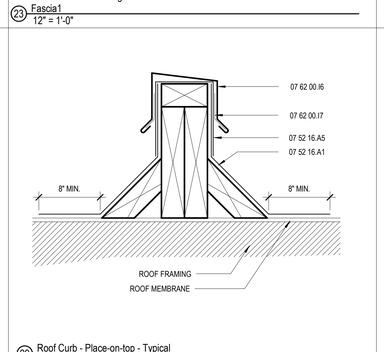
STEP 4



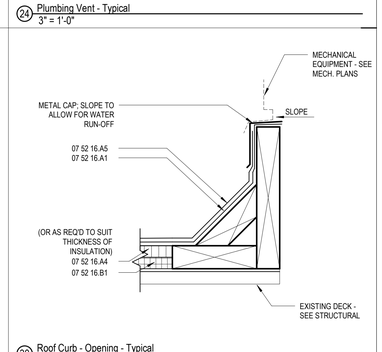
25 AXON-Roof - Base Flashing at Outside Corner
12" = 1'-0"



28 Roof Drain - Typical
1 1/2" = 1'-0"



29 Roof Curb - Place-on-top - Typical
3" = 1'-0"



30 Roof Curb - Opening - Typical
3" = 1'-0"

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KEYNOTE EXPLANATION

05 12 00.A0	L SHAPE
05 21 00.X1	OPEN WEB BAR JOIST, SEE STRUCTURAL
05 31 00.X2	GALVANIZED METAL ROOF DECK, SEE STRUCTURAL
05 41 00.C6	BACKING STRIP
05 41 00.X1	METAL STUD FRAMING PER SPECS / DRAWINGS
06 16 00.D7	1/2" EXTERIOR GRADE PLYWOOD; TREATED
06 16 00.S1	SELF ADHERING SHEET WATERPROOFING MEMBRANE COMPATIBLE WITH FLUID APPLIED MEMBRANE
06 16 00.X1	1/2" SHEATHING; DENS GLAS OR EQUAL WITH FLUID APPLIED VAPOR BARRIER
07 27 26.P2	SELF-ADHERING SHEET WATERPROOFING MEMBRANE
07 52 16.A1	SBS MODIFIED BITUMEN MEMBRANE ROOFING SYSTEM
07 52 16.A2	CONTINUOUS FLASHING PLY
07 52 16.A4	3/4" INSULATION BOARD
07 52 16.A5	BASE FLASHING PLY
07 52 16.A6	FLASHING STRIP
07 52 16.A7	BACKER PLY
07 52 16.A9	CAP SHEET
07 52 16.A10	ASPHALT PRIMER
07 52 16.B1	COVER BOARD
07 52 16.B2	CONTINUOUS CANT
07 52 16.B5	RIGID INSULATION AS REQUIRED TO ACHIEVE "R" VALUE PER SPECIFICATIONS
07 52 16.B7	TAPERED INSULATION BOARD
07 52 16.B8	BASE SHEET
07 52 16.C2	CAULK AS SPECIFIED
07 52 16.F3	FASTENERS AS SPECIFIED
07 52 16.H1	HEAT WELDED BITUMEN
07 52 16.H2	FLASHING SET IN CEMENT PER SPECS
07 52 16.H3	UTILITY CEMENT PER SPECS
07 52 16.L1	LEAD SHEET OR EQUAL AS SPECIFIED
07 52 16.M1	TYPICALLY SET EDGES OF FELT IN FULL BEDS OF MASTIC
07 52 16.W2	ICE AND WATER SHIELD
07 62 00.A4	LEAD FLASHING
07 62 00.A8	ANCHOR CLIP
07 62 00.D5	GALVANIZED METAL DRIP FLASH
07 62 00.D7	GALVANIZED METAL FLASHING
07 62 00.D8	CONTINUOUS COUNTER FLASHING
07 62 00.D13	JOINT COVER WITH APPROVED SEALANT UNDER COVER
07 62 00.D15	PREFABRICATED METAL CURB
07 62 00.F6	FASCIA COVER PLATE
07 62 00.I6	CONTINUOUS METAL COPING
07 62 00.I7	CONTINUOUS CLEAT
07 62 00.N5	CONTINUOUS METAL ROOF EDGE
07 62 00.N8	CONTINUOUS METAL CLOSURE/TRIM
07 62 00.S4	GUTTER STRAP
07 62 00.T2	TERMINATION BAR WITH ELASTOMERIC TAPE; SEAL CONTINUOUSLY AT TOP
07 62 00.W3	WATER DAM
22 13 16.A3	ROOF DRAIN. SIZE AND TYPE TO MATCH EXISTING. VOJ
22 13 16.A5	INSULATED DRAIN PIPE
22 13 16.A6	STRAINER
22 40 00.S1	VENT STACK

Construction Documents

No.	Description	Date

GREGORY V. DAMICO NO. 7595 STATE OF LOUISIANA REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ROOF DETAILS - SBS

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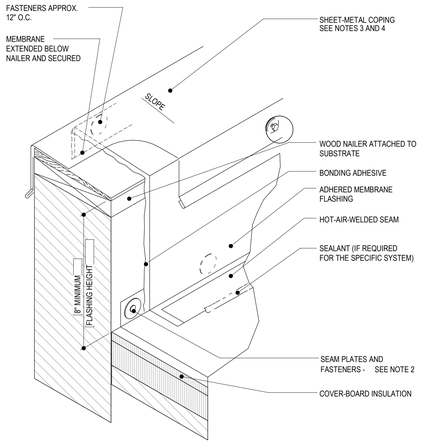
AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A2.05A

Scale: As indicated

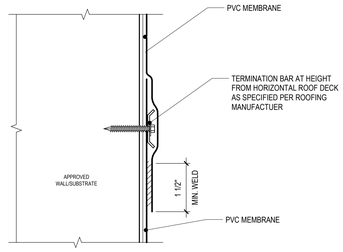
2/2/2026 11:39:00 AM



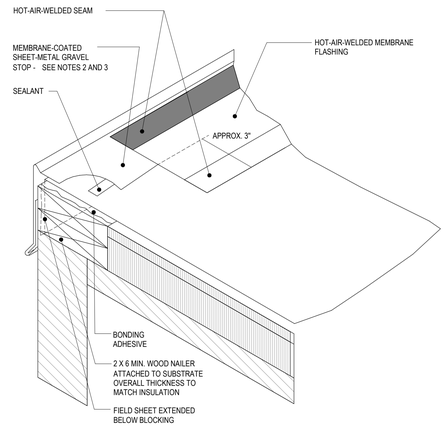
NOTES:

1. NA
2. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ALTERNATIVE BASE SECUREMENT OPTIONS.
3. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING AND CONDENSATION AND AIR LEAKAGE CONTROL FOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR COPINGS.
4. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

DTL-Roof - PVC - Base Flashing at Parapet Wall w/ Metal Coping - Axon
1 12" = 1'-0"



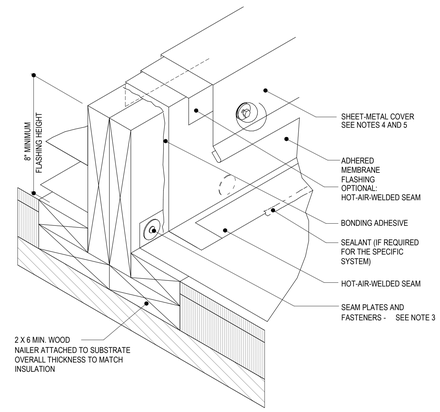
DTL-Roof - PVC - Termination Bar at Intermediate Height - Parapet
2 12" = 1'-0"



NOTES:

1. REFER TO MANUFACTURERS' SPECIFICATIONS FOR SPECIFIC REQUIREMENTS FOR BASE MEMBRANE ATTACHMENT AND PLACEMENT. MECHANICALLY ATTACHED SYSTEMS GENERALLY HAVE SPECIFIC ATTACHMENT REQUIREMENTS FOR PERIMETER LOCATIONS.
2. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING AND CONDENSATION AND AIR LEAKAGE CONTROL FOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR GRAVEL STOPS.
3. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

DTL-Roof - PVC - Embedded Edge-Metal Flashing (Gravel Stop) - Axon Copy 1
3 12" = 1'-0"

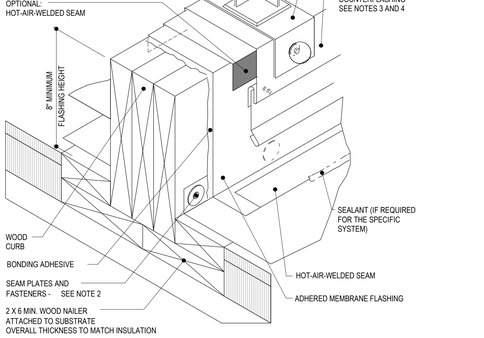


NOTES:

1. AN AREA DIVIDER SHOULD NEVER RESTRICT THE FLOW OF WATER.
2. FLASHING REQUIREMENTS ARE TYPICAL FOR BOTH SIDES OF THE AREA DIVIDER.
3. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ALTERNATIVE BASE SECUREMENT OPTIONS.
4. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING AND CONDENSATION AND AIR LEAKAGE CONTROL FOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR SHEET-METAL COVERS.
5. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

DTL-Roof - PVC - Base Flashing at Area Divider in Roof System - Axon
4 12" = 1'-0"

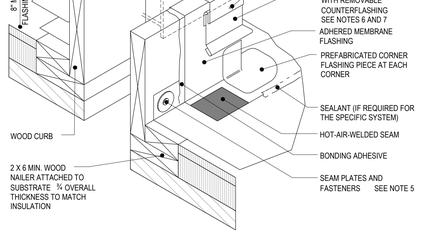
WIDTH OF EQUIPMENT	CLEARANCE
UP TO 24"	14"
25" TO 36"	18"
37" TO 48"	24"
49" TO 60"	30"
61" AND WIDER	36"

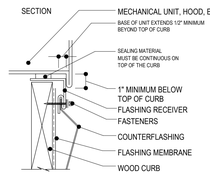


NOTES:

1. THIS DETAIL ALLOWS FOR MEMBRANE MAINTENANCE AROUND THE SUPPORTED EQUIPMENT: THE CONTINUOUS SUPPORT IS PREFERRED IN LIGHTWEIGHT STRUCTURAL SYSTEMS BECAUSE THE EQUIPMENT WEIGHT CAN BE SPREAD ACROSS TWO OR MORE SUPPORTING MEMBERS. A MINIMUM OF 2 FEET OF HORIZONTAL CLEARANCE MUST BE PROVIDED FOR REMOVAL AND REPLACEMENT OF ROOFING AND FLASHING BETWEEN PARALLEL SUPPORTS. REFER TO THE TABLE FOR RECOMMENDATIONS ON VERTICAL CLEARANCE FROM ROOF SURFACE TO THE BOTTOM OF SUPPORTED EQUIPMENT.
2. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ALTERNATIVE BASE SECUREMENT OPTIONS.
3. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING AND CONDENSATION AND AIR LEAKAGE CONTROLFOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR SHEET-METAL COVERS.
4. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

DTL-Roof - PVC - Base Flashing at Lightweight Equipment Curb - Axon
5 12" = 1'-0"

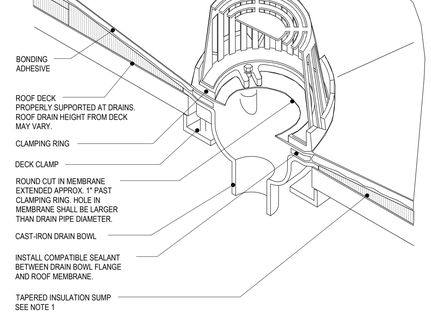




NOTES:

1. THE CURBS, TOP WOOD NAILER AND SEAL STRIP ARE TO BE SUPPLIED BY THE CURB MANUFACTURER.
2. WHEN POSSIBLE, THE MECHANICAL UNITS SHOULD NOT BE SET UNTIL THE ROOF MEMBRANE AND FLASHING HAVE BEEN INSTALLED.
3. WHERE THE SKYLIGHT, SCUTTLE OR SMOKE VENT FRAME OVERLAPS THE BASE FLASHING AT LEAST 3 INCHES, THE REMOVABLE SHEET-METAL COUNTERFLASHING IS NOT REQUIRED.
4. NRCA RECOMMENDS DESIGNERS CONSIDER PERMANENT INTERNAL OR EXTERNAL FALL-PROTECTION DEVICES AT ALL SKYLIGHTS.
5. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ALTERNATIVE BASE SECUREMENT OPTIONS.
6. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING AND CONDENSATION AND AIR LEAKAGE CONTROL FOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR COUNTERFLASHINGS.
7. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

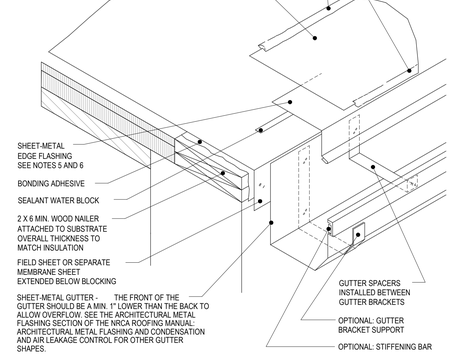
DTL-Roof - PVC - Base Flashing at Wood Curb - Axon
6 12" = 1'-0"



NOTES:

1. THE USE OF A METAL DECK SUMP PAN IS NOT RECOMMENDED. HOWEVER, DRAIN RECEIVER/BEARING PLATES ARE APPLICABLE WITH SOME PROJECTS.
2. NA
3. MEMBRANE SEAMS SHOULD NOT INTERSECT DRAIN CLAMPING RING. SEAMS THAT FALL WITHIN DRAIN SUMP SHOULD BE STRIPPED IN.
4. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

DTL-Roof - PVC - Roof Drain - Axon
7 12" = 1'-0"



NOTES:

1. IN CLIMATES WHERE THE WINTER TEMPERATURE REMAINS BELOW FREEZING FOR EXTENDED PERIODS OF TIME, NRCA SUGGESTS INTERIOR DRAINS TO DRAIN THE ROOF.
2. GUTTER BRACKETS ARE RECOMMENDED TO BE AT LEAST ONE GAUGE HEAVIER THAN GUTTER STOCK.
3. ON BALLASTED SYSTEMS, A DRAINAGE BAR TO RETAIN BALLAST IS REQUIRED.
4. REFER TO MANUFACTURERS' SPECIFICATIONS FOR SPECIFIC REQUIREMENTS FOR BASE MEMBRANE ATTACHMENT AND PLACEMENT. MECHANICALLY ATTACHED SYSTEMS GENERALLY REQUIRE SPECIFIC ATTACHMENT REQUIREMENTS FOR PERIMETER LOCATIONS.
5. REFER TO THE ARCHITECTURAL METAL FLASHING SECTION OF THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING AND CONDENSATION AND AIR LEAKAGE CONTROL FOR DESIGN, JOINERY AND SECUREMENT OPTIONS FOR PERIMETER EDGE METAL.
6. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

DTL-Roof - PVC - Gutter w/ Perimeter Edge Angle - Axon
8 12" = 1'-0"

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

Construction Documents

No.	Description	Date

GREGORY V. DIAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ROOF DETAILS - PVC

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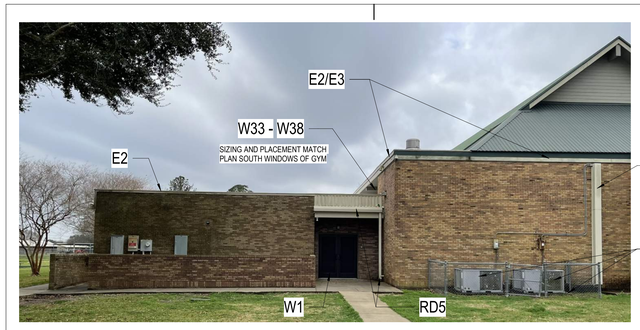
AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A2.05B

Scale 12" = 1'-0"

2/2/2026 11:39:02 AM



1 EXTERIOR ELEVATION - IMAGE REFERENCE

2 EXTERIOR ELEVATION - IMAGE REFERENCE

3 EXTERIOR ELEVATION - IMAGE REFERENCE

DEMOLITION NOTES BY NUMBER:

D1. SAWCUT AND REMOVE EXISTING CONCRETE/PAVING AND ASSOCIATED BUILDING CANOPY COMPONENTS INCLUDING COLUMN FOUNDATIONS, & COLUMN WRAPS. REFER TO CIVIL PLANS FOR SAWCUT LOCATIONS.

D2. EXISTING BRICK WALL TO REMAIN. PATCH WALL WITH BRICK AND MORTAR TO MATCH EXISTING AFTER DEMOLITION OF ADJACENT BUILDING AND ASSOCIATED MECHANICAL, ELECTRICAL, AND PLUMBING ELEMENTS THAT PENETRATE OR ATTACH TO WALL THAT ARE ABANDONED.

D3. REMOVE EXISTING VEHICLE AND WALKWAY CANOPY, CANOPY STRUCTURE AND FOUNDATIONS IN ITS / THEIR ENTIRETY.

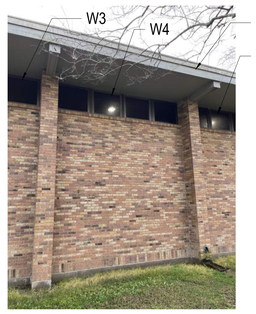
D4. REFER TO A3 SERIES IMAGE SHEETS FOR SELECTIVE DEMO REFERENCE IMAGES AND NOTES AT EXISTING BUILDING FACE AND ROOF LOCATIONS.

D5. REMOVE EXISTING PVC ELBOW AND STAINLESS STEEL PLATE; CUT EXPOSED DRAIN PIPE TO NECESSARY SIZE TO ACCOMMODATE NEW ROOF DRAIN CONDITION; RE: CIVIL AND ARCHITECTURAL DETAILS.

D6. REMOVE EXISTING MECHANICAL EQUIPMENT (RE: MECH DRAWINGS), CONCRETE PAD & FOUNDATION, AND MECHANICAL YARD FENCING.

4 EXTERIOR ELEVATION - IMAGE REFERENCE

5 EXTERIOR ELEVATION - IMAGE REFERENCE



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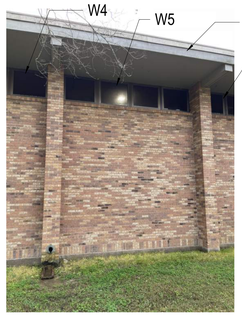

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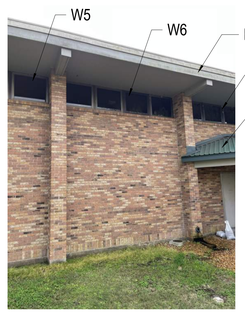

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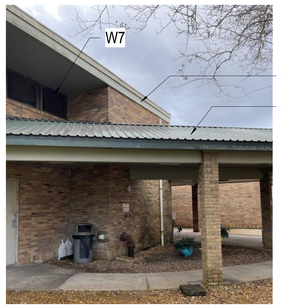

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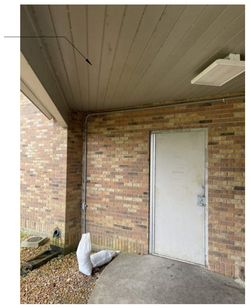

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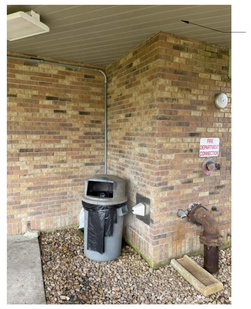

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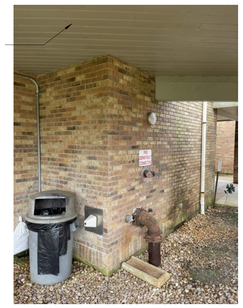

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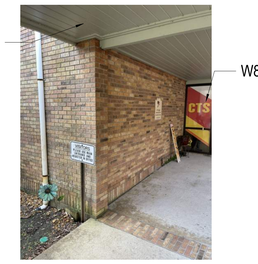

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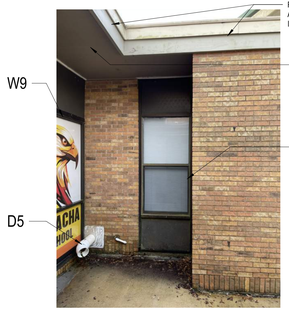

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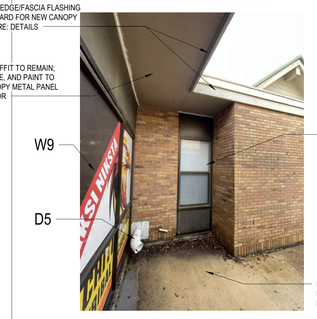

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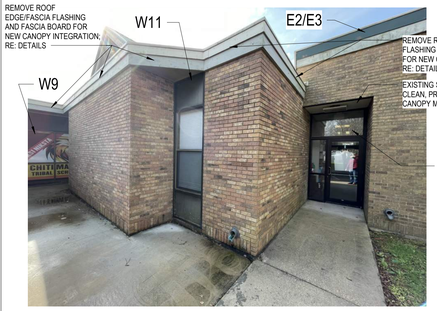

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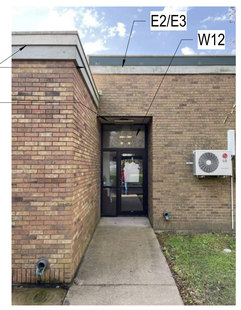

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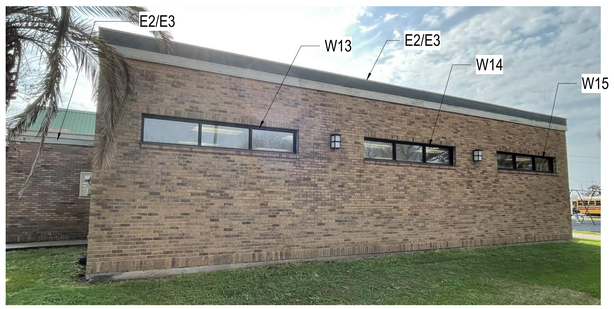
22 EXTERIOR ELEVATION - IMAGE REFERENCE



23 EXTERIOR ELEVATION - IMAGE REFERENCE

EXISTING WINDOW SCHEDULE			
MARK	WIDTH	HEIGHT	COMMENTS
W1	6'-4"	7'-2"	E1
W2	14'-4"	5'-0"	E1
W3	13'-8"	5'-0"	E1
W4	13'-8"	5'-0"	E1
W5	13'-8"	5'-0"	E1
W6	13'-8"	5'-0"	E1
W7	14'-4"	5'-0"	E1
W8	12'-2"	7'-10"	E1
W9	11'-4"	7'-10"	E1
W10	3'-4"	10'-7"	E1
W11	3'-4"	10'-7"	E1
W12	5'-0"	10'-0"	E1
W13	11'-8"	2'-0"	E1
W14	11'-8"	2'-0"	E1
W15	11'-8"	2'-0"	E1
W16	3'-4"	10'-0"	E1
W17	3'-4"	10'-7"	E1
W18	3'-4"	10'-7"	E1
W19	15'-2"	7'-10"	E1
W20	16'-0"	6'-0"	E1
W21	15'-2"	7'-10"	E1
W22	3'-4"	10'-7"	E1
W23	3'-4"	10'-7"	E1
W24	3'-4"	8'-3"	E1
W25	3'-4"	8'-3"	E1
W26	3'-4"	8'-3"	E1
W27	3'-4"	10'-7"	E1
W28	20'-0"	7'-2"	E1
W29	6'-6"	7'-2"	E1
W30	6'-6"	7'-2"	E1
W31	6'-6"	7'-2"	E1
W32	6'-6"	7'-2"	E1
W33	14'-4"	5'-0"	E1
W34	13'-8"	5'-0"	E1
W35	13'-8"	5'-0"	E1
W36	13'-8"	5'-0"	E1
W37	13'-8"	5'-0"	E1
W38	14'-4"	5'-0"	E1

EXISTING WINDOW NOTES:

1. SIZES IDENTIFIED IN SCHEDULE ABOVE WERE TAKEN FROM SITE VISITS, LIMITED FIELD MEASUREMENTS AND EXISTING DRAWING DATA THAT MAY HAVE BEEN AVAILABLE. THE SIZES INDICATED ARE LIMITED IN THEIR ACCURACY.
2. CONTRACTOR SHALL VERIFY ALL WINDOW SIZES AND RELY UPON THEIR OWN TAKE OFFS AS NECESSARY FOR EXACT DIMENSIONS AS RELATED TO WINDOW SIZES AND ASSOCIATED WORK OF THESE DOCUMENTS.

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

BUILDING ENVELOPE IMPROVEMENT NOTES:

E1. REMOVE AND REPLACE ALL SEALANT & BACKER RODS AROUND WINDOW/STOREFRONT FRAME SYSTEM. COLOR TO MATCH ADJACENT FRAME. WINDOW/STOREFRONT SYSTEM TO REMAIN.
E2. REMOVE AND REPLACE ROOF EDGE / FASCIA FLASHING AT ALL NEW ROOF CONDITIONS. REFER TO ROOFING DETAILS.
E3. AT ALL FASCIA BOARD CONDITIONS, STRIP FINISH AND SAND WOOD TO ALLOW PROPER ADHESION OF NEW SELF-ADHERED WATERPROOFING MEMBRANE. REMOVE AND REPLACE EXISTING FASCIA BOARD AS REQUIRED WHERE BOARD IS ROTTEN/DAMAGED; SIZE TO MATCH EXISTING. APPLY FIBER CEMENT BOARD VENEER AT ALL EXPOSED WOOD FASCIA; RE: DETAILS

ROOF DEMOLITION NOTES:

SEE ROOF AND ELEVATION IMAGES & DETAILS FOR ADDITIONAL DEMOLITION ITEMS AND NOTES TO THOSE LISTED BELOW.

RD1. REMOVE EXISTING CANOPY INCLUDING ALL STRUCTURE, COLUMN WRAPS, FOUNDATIONS, ELECTRICAL WIRING, LIGHTING, WALL FLASHING & SEALANTS, ETC. REPAIR/PATCH EXISTING BUILDING EXTERIOR WALL AND ENVELOPE TO PROVIDE WATER TIGHT ENCLOSURE.
RD2. REMOVE EXISTING MECHANICAL UNIT ENCLOSURE SHED AND ASSOCIATED CURB AND SUPPORTS. REMOVE EXISTING ROOFING & INSULATION AS REQUIRED. SEE STRUCTURAL FOR EXTENTS OF ROOF DECKING & ROOF STRUCTURE DEMOLITION REQUIRED.
RD3. REMOVE EXISTING ROOFING SYSTEM IN ITS ENTIRETY DOWN TO ROOF DECK. REMOVE DIRT & DEBRIS FROM EXISTING ROOF DECK. EXISTING ROOF DECK TO REMAIN.
RD4. REMOVE EXISTING ATTIC VENT HOOD, VENT PIPE, & ASSOCIATED MOUNTING BRACKETS/SUPPORTS.
RD5. REMOVE AND REPLACE EXISTING GUTTERS AND DOWNSPOUTS. REFER TO ROOF PLAN FOR LOCATIONS OF NEW GUTTERS/ DOWNSPOUTS AND ADDITIONAL NOTES.
RD6. REMOVE EXISTING VENT HOOD & FAN, VENT PIPE, & ASSOCIATED MOUNTING BRACKETS/SUPPORTS.
RD7. REMOVE EXISTING ROOF SYSTEM IN ITS ENTIRETY DOWN TO THE EXISTING TRAPEZOIDAL METAL ROOF PANELS. EXISTING ROOF PANELS AND SUB-STRUCTURE TO REMAIN. REMOVE DIRT AND DEBRIS FROM EXISTING PANELS.
RD8. REMOVE EXISTING METAL ROOF PANELS, DECKING/SHEATHING, ROOF FRAMING, INSULATION, GABLE END FRAMING, AND ALL ASSOCIATED BLOCKING, ANCHORING/FASTENING AND FINISHES AS REQUIRED TO INSTALL NEW ROOF FRAMING/DECKING AND ROOFING MEMBRANE. RE: STRUCTURAL FOR NEW ROOF FRAMING INFORMATION & DETAILING.
RD9. EXISTING METAL ROOFING SYSTEM TO REMAIN. NO WORK EXCEPT AS NOTED IN DETAILS AS REQUIRED FOR TIE IN OF NEW ROOFING SYSTEM AT BASE TERMINATION OF EXISTING METAL ROOF SYSTEM.
RD10. REMOVE AND REPLACE EXISTING ROOF DRAINS; SIZE AND TYPE TO MATCH EXISTING; VOJ

NOTE: REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES. REFER TO STRUCTURAL DRAWINGS FOR NOTES/DETAILS PERTAINING TO DECK MODIFICATION AND/OR REPAIRS NEEDED FOR MECHANICAL AND ROOFING WORK.

CONTRACTOR TO PROVIDE TEMPORARY ROOF CLOSURE AND EQUIPMENT CURBS WHERE REQUIRED AS A RESULT OF CONSTRUCTION PHASING.

EXTERIOR ELEVATION IMAGE REFERENCE LEGEND:

- REFERENCE VIEWS 1 - 23: SHEET A3.02
- REFERENCE VIEWS 24 - 42: SHEET A3.03
- REFERENCE VIEWS 43 - 60: SHEET A3.04

REFERENCE IMAGE GENERAL NOTE:

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NO. 7595
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REGISTERED ARCHITECT

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CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

EXTERIOR ELEVATION IMAGES

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AQ Studios Project Number	24009
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Checked by	Checker

A3.02

Scale 12" = 1'-0"

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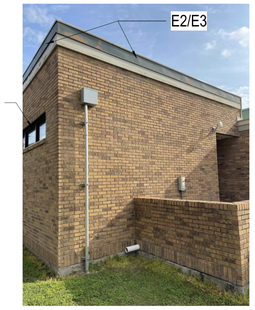
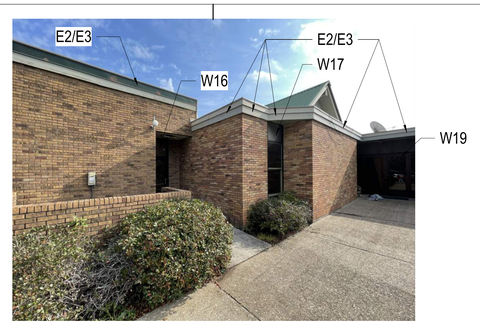


24 EXTERIOR ELEVATION - IMAGE REFERENCE



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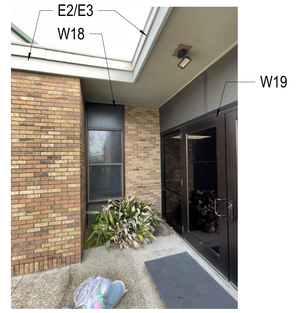

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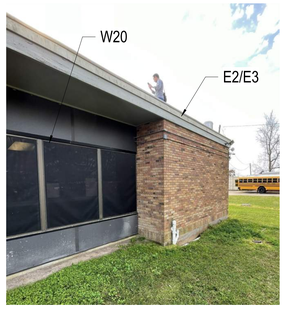

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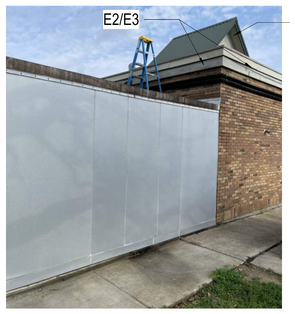

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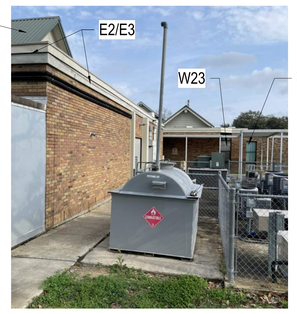

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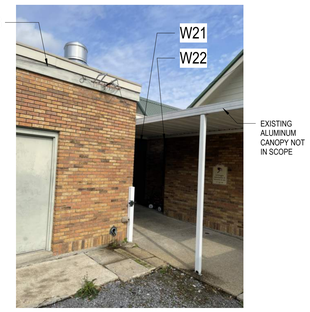
41 EXTERIOR ELEVATION - IMAGE REFERENCE



42 EXTERIOR ELEVATION - IMAGE REFERENCE

STUDIOS
ARCHITECTURE

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- REFERENCE VIEWS 24 - 42: SHEET A3.03
- REFERENCE VIEWS 43 - 60: SHEET A3.04

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EXISTING WINDOW SCHEDULE

MARK	WIDTH	HEIGHT	COMMENTS
W1	6'-4"	7'-2"	E1
W2	14'-4"	5'-0"	E1
W3	13'-8"	5'-0"	E1
W4	13'-8"	5'-0"	E1
W5	13'-8"	5'-0"	E1
W6	13'-8"	5'-0"	E1
W7	14'-4"	5'-0"	E1
W8	12'-2"	7'-10"	E1
W9	11'-4"	7'-10"	E1
W10	3'-4"	10'-7"	E1
W11	3'-4"	10'-7"	E1
W12	5'-0"	10'-0"	E1
W13	11'-8"	2'-0"	E1
W14	11'-8"	2'-0"	E1
W15	11'-8"	2'-0"	E1
W16	3'-4"	10'-0"	E1
W17	3'-4"	10'-7"	E1
W18	3'-4"	10'-7"	E1
W19	15'-2"	7'-10"	E1
W20	16'-0"	6'-0"	E1
W21	15'-2"	7'-10"	E1
W22	3'-4"	10'-7"	E1
W23	3'-4"	10'-7"	E1
W24	3'-4"	8'-3"	E1
W25	3'-4"	8'-3"	E1
W26	3'-4"	8'-3"	E1
W27	3'-4"	10'-7"	E1
W28	20'-0"	7'-2"	E1
W29	6'-6"	7'-2"	E1
W30	6'-6"	7'-2"	E1
W31	6'-6"	7'-2"	E1
W32	6'-6"	7'-2"	E1
W33	14'-4"	5'-0"	E1
W34	13'-8"	5'-0"	E1
W35	13'-8"	5'-0"	E1
W36	13'-8"	5'-0"	E1
W37	13'-8"	5'-0"	E1
W38	14'-4"	5'-0"	E1

EXISTING WINDOW NOTES:

1. SIZES IDENTIFIED IN SCHEDULE ABOVE WERE TAKEN FROM SITE VISITS, LIMITED FIELD MEASUREMENTS AND EXISTING DRAWING DATA THAT MAY HAVE BEEN AVAILABLE. THE SIZES INDICATED ARE LIMITED IN THEIR ACCURACY.
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Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

EXTERIOR ELEVATIONS IMAGES

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Date	12/05/2025
Drawn by	Author
Checked by	Checker

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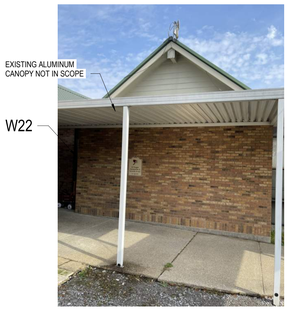

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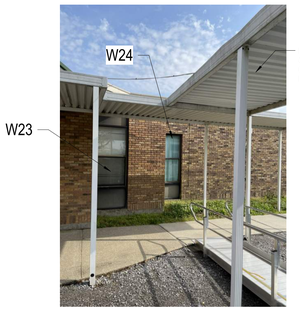

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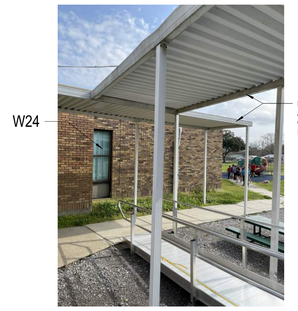

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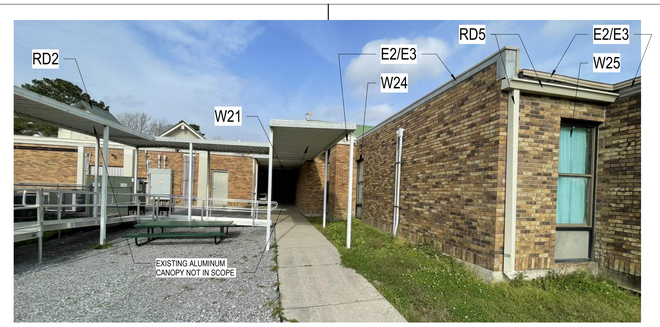

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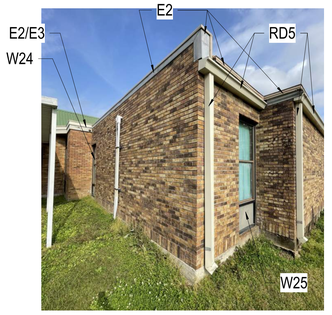

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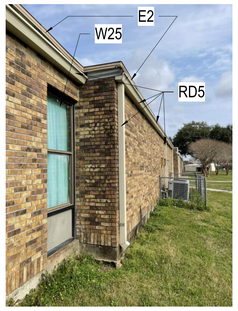

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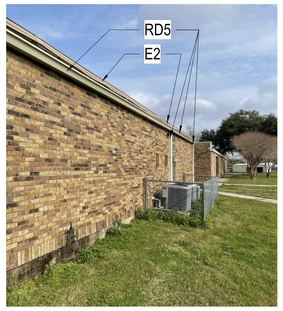

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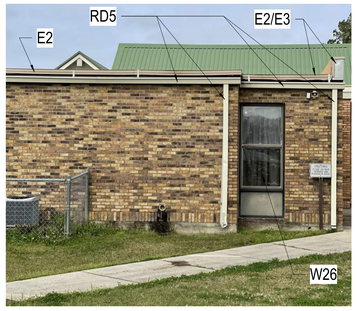

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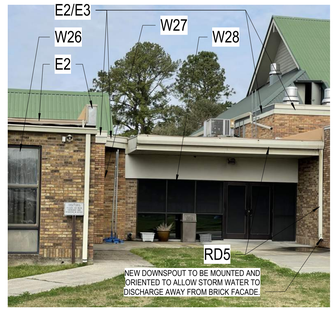

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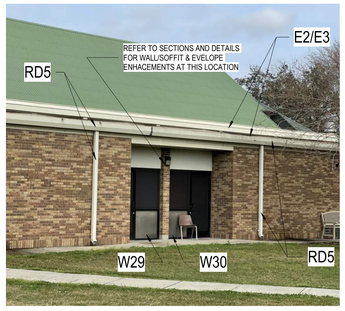

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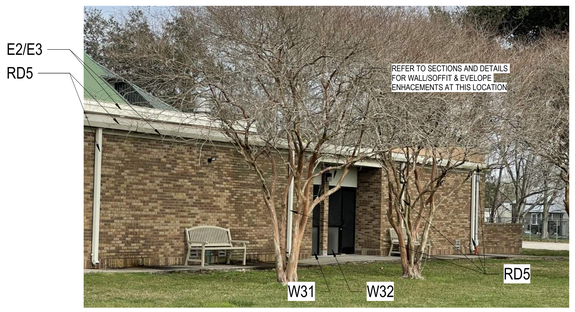

57 EXTERIOR ELEVATION - IMAGE REFERENCE

58 EXTERIOR ELEVATION - IMAGE REFERENCE

59 EXTERIOR ELEVATION - IMAGE REFERENCE

60 EXTERIOR ELEVATION - IMAGE REFERENCE

EXISTING WINDOW SCHEDULE

MARK	WIDTH	HEIGHT	COMMENTS
W1	6'-4"	7'-2"	E1
W2	14'-4"	5'-0"	E1
W3	13'-8"	5'-0"	E1
W4	13'-8"	5'-0"	E1
W5	13'-8"	5'-0"	E1
W6	13'-8"	5'-0"	E1
W7	14'-4"	5'-0"	E1
W8	12'-2"	7'-10"	E1
W9	11'-4"	7'-10"	E1
W10	3'-4"	10'-7"	E1
W11	3'-4"	10'-7"	E1
W12	5'-0"	10'-0"	E1
W13	11'-8"	2'-0"	E1
W14	11'-8"	2'-0"	E1
W15	11'-8"	2'-0"	E1
W16	3'-4"	10'-0"	E1
W17	3'-4"	10'-7"	E1
W18	3'-4"	10'-7"	E1
W19	15'-2"	7'-10"	E1
W20	16'-0"	6'-0"	E1
W21	15'-2"	7'-10"	E1
W22	3'-4"	10'-7"	E1
W23	3'-4"	10'-7"	E1
W24	3'-4"	8'-3"	E1
W25	3'-4"	8'-3"	E1
W26	3'-4"	8'-3"	E1
W27	3'-4"	10'-7"	E1
W28	20'-0"	7'-2"	E1
W29	6'-6"	7'-2"	E1
W30	6'-6"	7'-2"	E1
W31	6'-6"	7'-2"	E1
W32	6'-6"	7'-2"	E1
W33	14'-4"	5'-0"	E1
W34	13'-8"	5'-0"	E1
W35	13'-8"	5'-0"	E1
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AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

BUILDING ENVELOPE IMPROVEMENT NOTES:

E1. REMOVE AND REPLACE ALL SEALANT & BACKER RODS AROUND WINDOW/STOREFRONT FRAME SYSTEM. COLOR TO MATCH ADJACENT FRAME. WINDOW/STOREFRONT SYSTEM TO REMAIN.
E2. REMOVE AND REPLACE ROOF EDGE / FASCIA FLASHING AT ALL NEW ROOF CONDITIONS. REFER TO ROOFING DETAILS.
E3. AT ALL FASCIA BOARD CONDITIONS, STRIP FINISH AND SAND WOOD TO ALLOW PROPER ADHESION OF NEW SELF-ADHERED WATERPROOFING MEMBRANE. REMOVE AND REPLACE EXISTING FASCIA BOARD AS REQUIRED WHERE BOARD IS ROTTEN/DAMAGED; SIZE TO MATCH EXISTING. APPLY FIBER CEMENT BOARD VENEER AT ALL EXPOSED WOOD FASCIA; RE: DETAILS

ROOF DEMOLITION NOTES:

SEE ROOF AND ELEVATION IMAGES & DETAILS FOR ADDITIONAL DEMOLITION ITEMS AND NOTES TO THOSE LISTED BELOW.

RD1. REMOVE EXISTING CANOPY INCLUDING ALL STRUCTURE, COLUMN WRAPS, FOUNDATIONS, ELECTRICAL WIRING, LIGHTING, WALL FLASHING & SEALANTS, ETC. REPAIR/PATCH EXISTING BUILDING EXTERIOR WALL AND ENVELOPE TO PROVIDE WATER TIGHT ENCLOSURE.
RD2. REMOVE EXISTING MECHANICAL UNIT ENCLOSURE SHED AND ASSOCIATED CURB AND SUPPORTS. REMOVE EXISTING ROOFING & INSULATION AS REQUIRED. SEE STRUCTURAL FOR EXTENTS OF ROOF DECKING & ROOF STRUCTURE DEMOLITION REQUIRED.
RD3. REMOVE EXISTING ROOFING SYSTEM IN ITS ENTIRETY DOWN TO ROOF DECK. REMOVE DIRT & DEBRIS FROM EXISTING ROOF DECK. EXISTING ROOF DECK TO REMAIN.
RD4. REMOVE EXISTING ATTIC VENT HOOD, VENT PIPE, & ASSOCIATED MOUNTING BRACKETS/SUPPORTS.
RD5. REMOVE AND REPLACE EXISTING GUTTERS AND DOWNSPOUTS. REFER TO ROOF PLAN FOR LOCATIONS OF NEW GUTTERS/ DOWNSPOUTS AND ADDITIONAL NOTES.
RD6. REMOVE EXISTING VENT HOOD & FAN, VENT PIPE, & ASSOCIATED MOUNTING BRACKETS/SUPPORTS.
RD7. REMOVE EXISTING ROOF SYSTEM IN ITS ENTIRETY DOWN TO THE EXISTING TRAPEZOIDAL METAL ROOF PANELS. EXISTING ROOF PANELS AND SUB-STRUCTURE TO REMAIN. REMOVE DIRT AND DEBRIS FROM EXISTING PANELS.
RD8. REMOVE EXISTING METAL ROOF PANELS, DECKING/SHEATHING, ROOF FRAMING, INSULATION, GABLE END FRAMING, AND ALL ASSOCIATED BLOCKING, ANCHORING/FASTENING AND FINISHES AS REQUIRED TO INSTALL NEW ROOF FRAMING/DECKING AND ROOFING MEMBRANE. RE: STRUCTURAL FOR NEW ROOF FRAMING INFORMATION & DETAILING.
RD9. EXISTING METAL ROOFING SYSTEM TO REMAIN. NO WORK EXCEPT AS NOTED IN DETAILS AS REQUIRED FOR TIE IN OF NEW ROOFING SYSTEM AT BASE TERMINATION OF EXISTING METAL ROOF SYSTEM.
RD10. REMOVE AND REPLACE EXISTING ROOF DRAINS; SIZE AND TYPE TO MATCH EXISTING; VOJ

NOTE: REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES. REFER TO STRUCTURAL DRAWINGS FOR NOTES/DETAILS PERTAINING TO DECK MODIFICATION AND/OR REPAIRS NEEDED FOR MECHANICAL AND ROOFING WORK.

CONTRACTOR TO PROVIDE TEMPORARY ROOF CLOSURE AND EQUIPMENT CURBS WHERE REQUIRED AS A RESULT OF CONSTRUCTION PHASING.

EXTERIOR ELEVATION IMAGE REFERENCE LEGEND:

- REFERENCE VIEWS 1 - 23: SHEET A3.02
- REFERENCE VIEWS 24 - 42: SHEET A3.03
- REFERENCE VIEWS 43 - 60: SHEET A3.04

REFERENCE IMAGE GENERAL NOTE:

ALL LENGTHS AND AREAS INDICATED ON THE DRAWINGS ARE APPROXIMATE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL FIELD CONDITIONS AND MEASUREMENTS PRIOR TO BIDDING, ORDERING MATERIALS, AND INSTALLATION.

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
LIC. NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

EXTERIOR ELEVATIONS IMAGES

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A3.04

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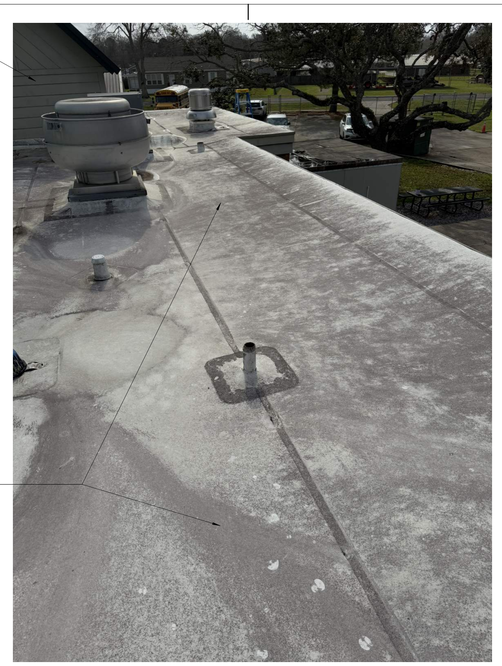
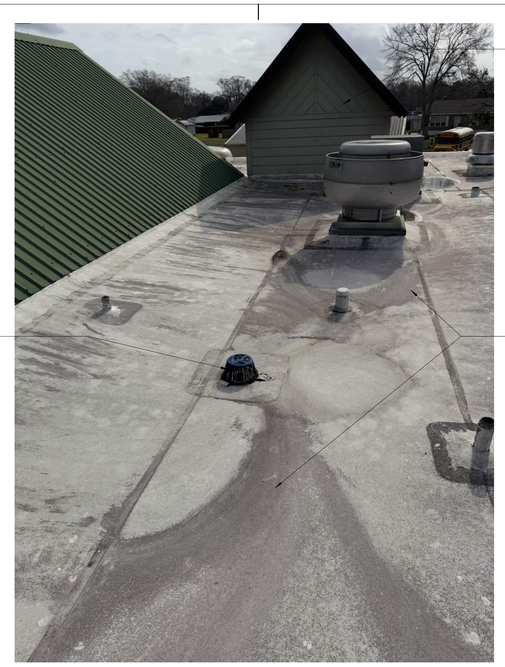
1 ROOF OVERALL - IMAGE REFERENCE



2 ROOF OVERALL - IMAGE REFERENCE



3 ROOF OVERALL - IMAGE REFERENCE

4 ROOF OVERALL - IMAGE REFERENCE

5 ROOF OVERALL - IMAGE REFERENCE

6 ROOF OVERALL - IMAGE REFERENCE

BUILDING ENVELOPE IMPROVEMENT NOTES:

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AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

ROOF DEMOLITION NOTES:

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CONTRACTOR TO PROVIDE TEMPORARY ROOF CLOSURE AND EQUIPMENT CURBS WHERE REQUIRED AS A RESULT OF CONSTRUCTION PHASING.

ROOF IMAGE REFERENCE LEGEND:

- REFERENCE VIEWS 1 - 6: SHEET A3.05
- REFERENCE VIEWS 7 - 12: SHEET A3.06
- REFERENCE VIEWS 13 - 18: SHEET A3.07
- REFERENCE VIEWS 19 - 24: SHEET A3.08
- REFERENCE VIEWS 25 - 30: SHEET A3.09
- REFERENCE VIEWS 31 - 36: SHEET A3.10
- REFERENCE VIEWS 37 - 42: SHEET A3.11
- REFERENCE VIEWS 43 - 48: SHEET A3.12
- REFERENCE VIEWS 49 - 54: SHEET A3.13
- REFERENCE VIEWS 55 - 60: SHEET A3.14
- REFERENCE VIEWS 61 - 64: SHEET A3.15

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STATE OF LOUISIANA
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CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ROOF IMAGES

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Date	12/05/2025
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Checked by	Checker

A3.05

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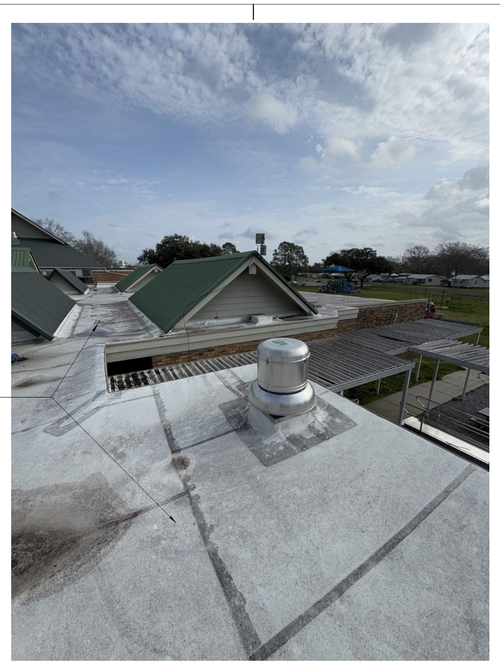
7 ROOF OVERALL - IMAGE REFERENCE

8 ROOF OVERALL - IMAGE REFERENCE



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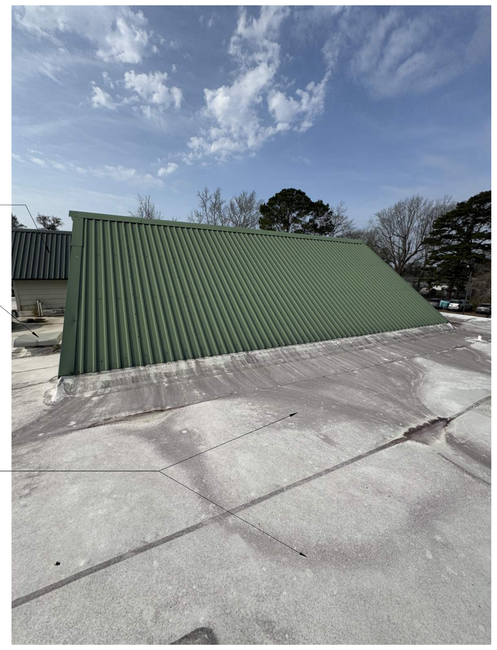
10 ROOF OVERALL - IMAGE REFERENCE

11 ROOF OVERALL - IMAGE REFERENCE



12 ROOF OVERALL - IMAGE REFERENCE

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

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- REFERENCE VIEWS 7 - 12: SHEET A3.06
- REFERENCE VIEWS 13 - 18: SHEET A3.07
- REFERENCE VIEWS 19 - 24: SHEET A3.08
- REFERENCE VIEWS 25 - 30: SHEET A3.09
- REFERENCE VIEWS 31 - 36: SHEET A3.10
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ROOF IMAGES

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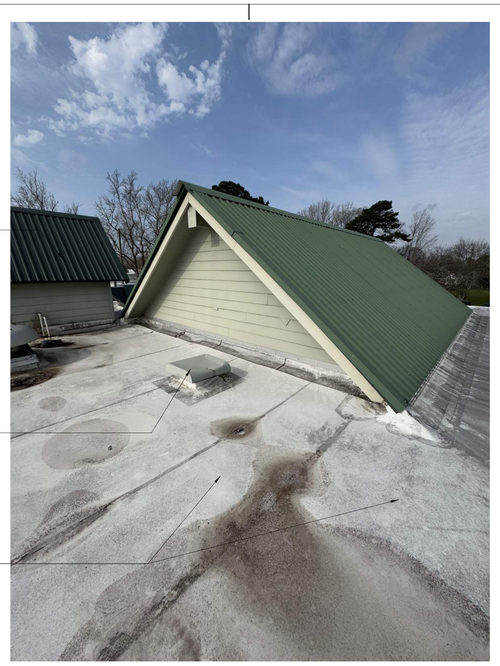


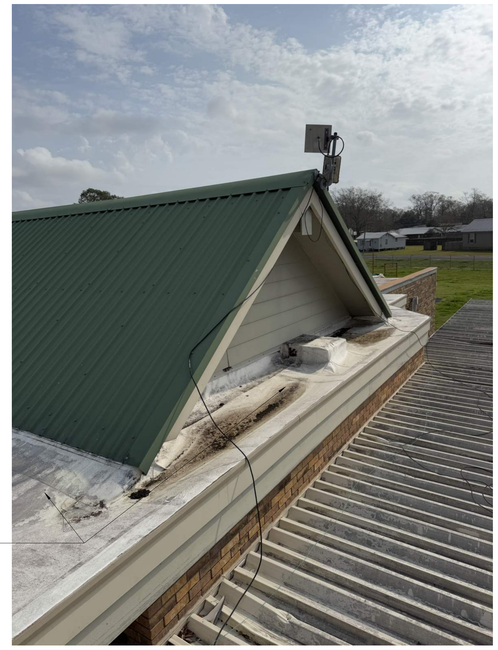
13 ROOF OVERALL - IMAGE REFERENCE

14 ROOF OVERALL - IMAGE REFERENCE

15 ROOF OVERALL - IMAGE REFERENCE

16 ROOF OVERALL - IMAGE REFERENCE

17 ROOF OVERALL - IMAGE REFERENCE



18 ROOF OVERALL - IMAGE REFERENCE

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

ROOF DEMOLITION NOTES:

SEE ROOF AND ELEVATION IMAGES & DETAILS FOR ADDITIONAL DEMOLITION ITEMS AND NOTES TO THOSE LISTED BELOW.

RD1. REMOVE EXISTING CANOPY INCLUDING ALL STRUCTURE, COLUMN WRAPS, FOUNDATIONS, ELECTRICAL WIRING, LIGHTING, WALL FLASHING & SEALANTS, ETC. REPAIR/PATCH EXISTING BUILDING EXTERIOR WALL AND ENVELOPE TO PROVIDE WATER TIGHT ENCLOSURE.
RD2. REMOVE EXISTING MECHANICAL UNIT ENCLOSURE SHED AND ASSOCIATED CURB AND SUPPORTS. REMOVE EXISTING ROOFING & INSULATION AS REQUIRED. SEE STRUCTURAL FOR EXTENTS OF ROOF DECKING & ROOF STRUCTURE DEMOLITION REQUIRED.
RD3. REMOVE EXISTING ROOFING SYSTEM IN ITS ENTIRETY DOWN TO ROOF DECK. REMOVE DIRT & DEBRIS FROM EXISTING ROOF DECK. EXISTING ROOF DECK TO REMAIN.
RD4. REMOVE EXISTING ATTIC VENT HOOD, VENT PIPE, & ASSOCIATED MOUNTING BRACKETS/SUPPORTS.
RD5. REMOVE AND REPLACE EXISTING GUTTERS AND DOWNSPOUTS. REFER TO ROOF PLAN FOR LOCATIONS OF NEW GUTTERS/ DOWNSPOUTS AND ADDITIONAL NOTES.
RD6. REMOVE EXISTING VENT HOOD & FAN, VENT PIPE, & ASSOCIATED MOUNTING BRACKETS/SUPPORTS.
RD7. REMOVE EXISTING ROOF SYSTEM IN ITS ENTIRETY DOWN TO THE EXISTING TRAPEZOIDAL METAL ROOF PANELS. EXISTING ROOF PANELS AND SUB-STRUCTURE TO REMAIN. REMOVE DIRT AND DEBRIS FROM EXISTING PANELS.
RD8. REMOVE EXISTING METAL ROOF PANELS, DECKING/SHEATHING, ROOF FRAMING, INSULATION, GABLE END FRAMING, AND ALL ASSOCIATED BLOCKING, ANCHORING/FASTENING AND FINISHES AS REQUIRED TO INSTALL NEW ROOF FRAMING/DECKING AND ROOFING MEMBRANE. RE: STRUCTURAL FOR NEW ROOF FRAMING INFORMATION & DETAILING.
RD9. EXISTING METAL ROOFING SYSTEM TO REMAIN. NO WORK EXCEPT AS NOTED IN DETAILS AS REQUIRED FOR TIE IN OF NEW ROOFING SYSTEM AT BASE TERMINATION OF EXISTING METAL ROOF SYSTEM.
RD10. REMOVE AND REPLACE EXISTING ROOF DRAINS; SIZE AND TYPE TO MATCH EXISTING; VOJ

NOTE: REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES. REFER TO STRUCTURAL DRAWINGS FOR NOTES/DETAILS PERTAINING TO DECK MODIFICATION AND/OR REPAIRS NEEDED FOR MECHANICAL AND ROOFING WORK.

CONTRACTOR TO PROVIDE TEMPORARY ROOF CLOSURE AND EQUIPMENT CURBS WHERE REQUIRED AS A RESULT OF CONSTRUCTION PHASING.

ROOF IMAGE REFERENCE LEGEND:

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Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ROOF IMAGES

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A3.07

Scale 12" = 1'-0"

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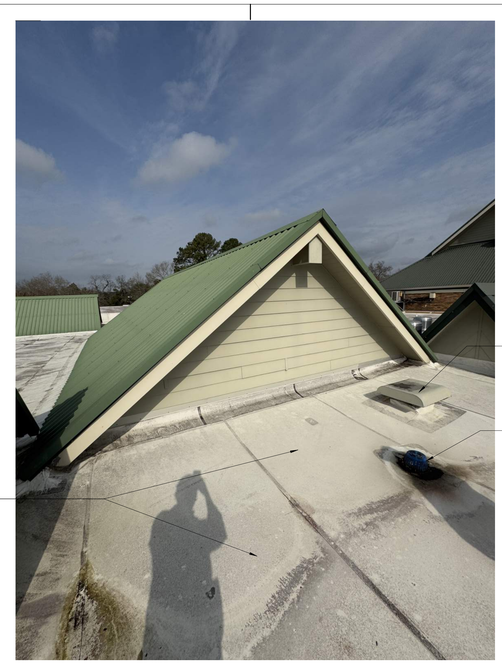
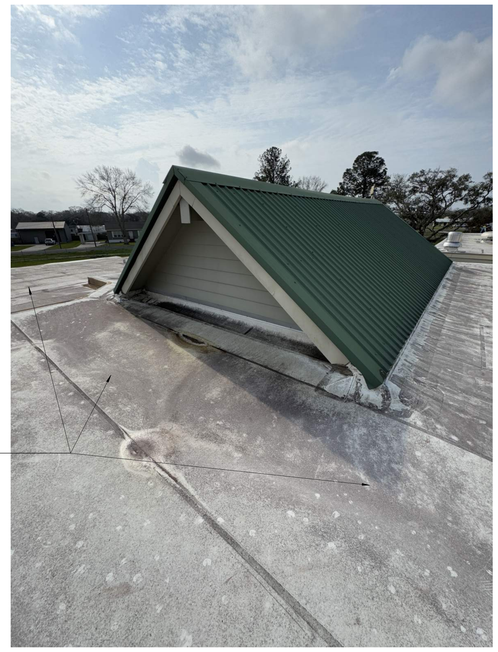
18 ROOF OVERALL - IMAGE REFERENCE

20 ROOF OVERALL - IMAGE REFERENCE



21 ROOF OVERALL - IMAGE REFERENCE

22 ROOF OVERALL - IMAGE REFERENCE



23 ROOF OVERALL - IMAGE REFERENCE

24 ROOF OVERALL - IMAGE REFERENCE

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

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CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ROOF IMAGES

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Checked by	Checker

A3.08

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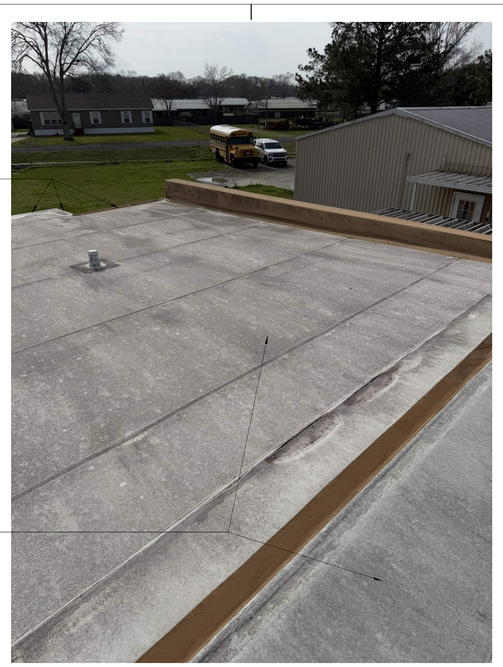
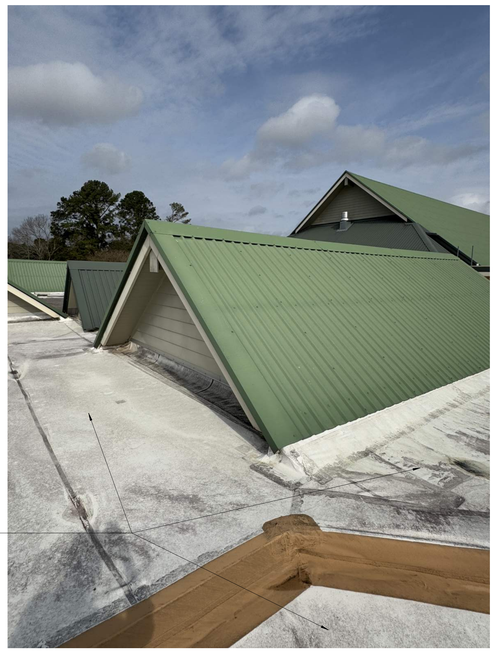
25 ROOF OVERALL - IMAGE REFERENCE



26 ROOF OVERALL - IMAGE REFERENCE

27 ROOF OVERALL - IMAGE REFERENCE



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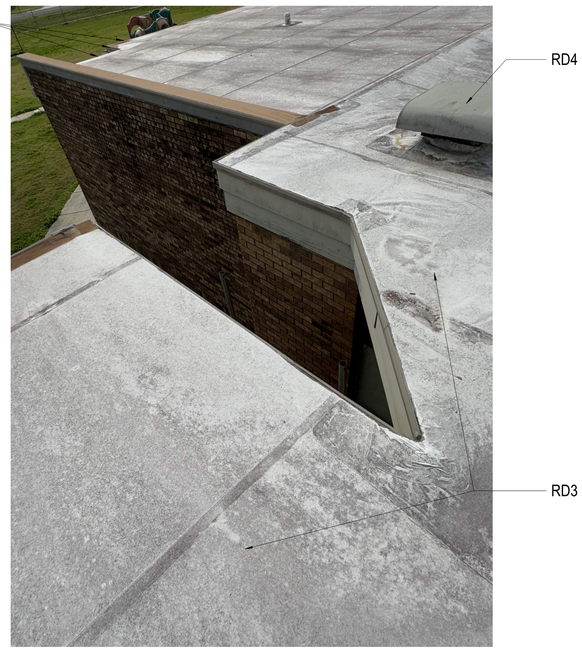

29 ROOF OVERALL - IMAGE REFERENCE

30 ROOF OVERALL - IMAGE REFERENCE

AQ STUDIOS
ARCHITECTURE

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ROOF IMAGES

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AQ Studios Project Number	24009
Date	12/05/2025
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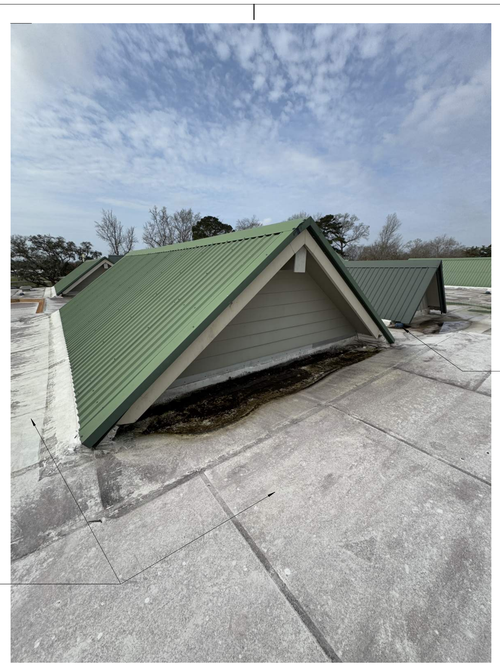
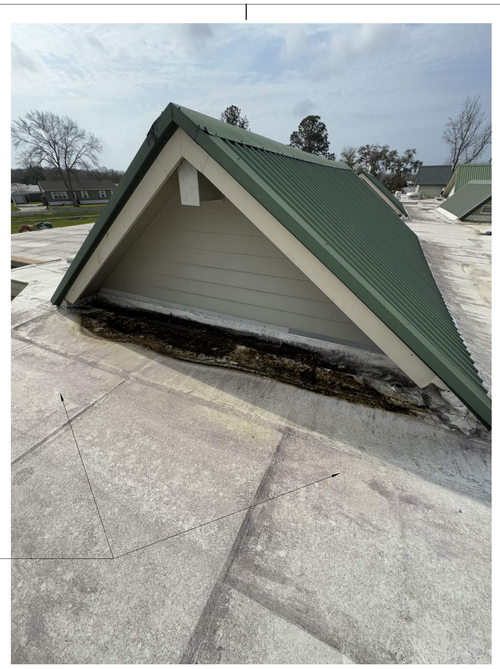


31 ROOF OVERALL - IMAGE REFERENCE



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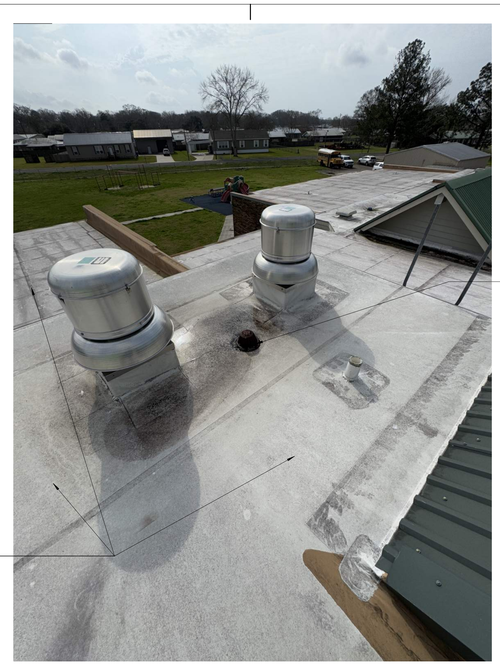

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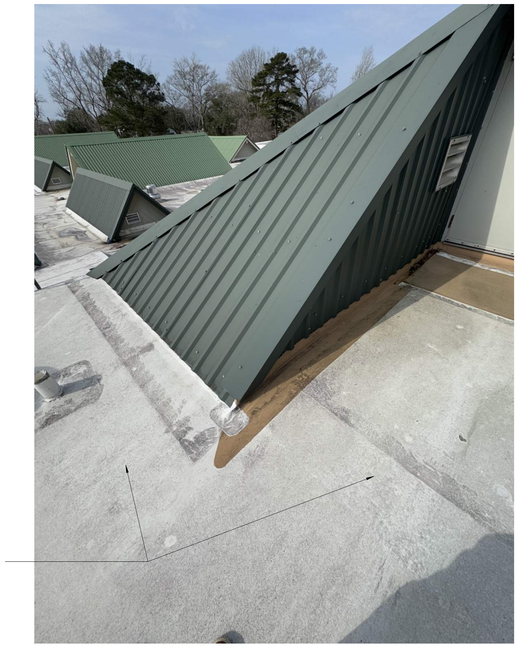

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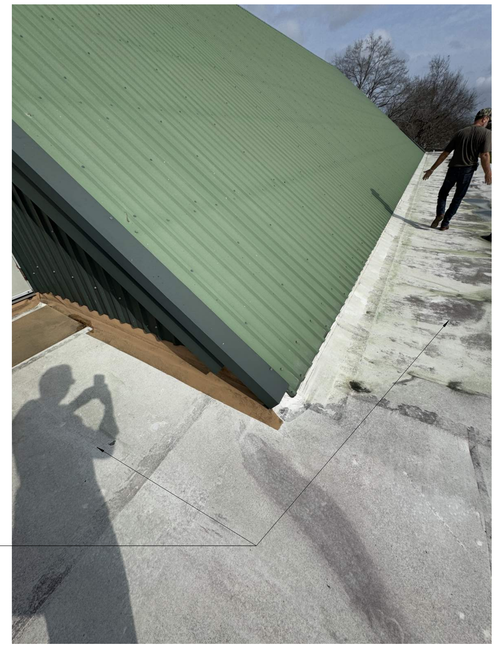
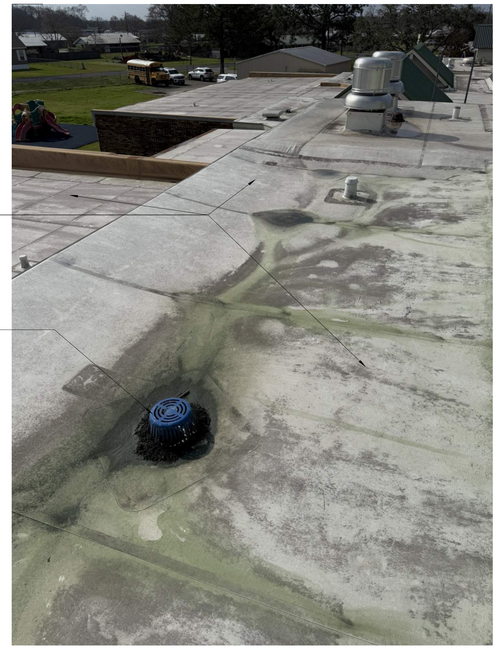


35 ROOF OVERALL - IMAGE REFERENCE



36 ROOF OVERALL - IMAGE REFERENCE

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

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ROOF IMAGES

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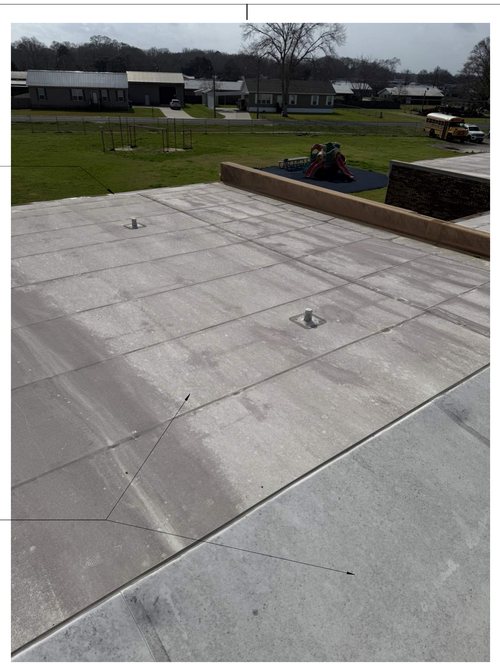
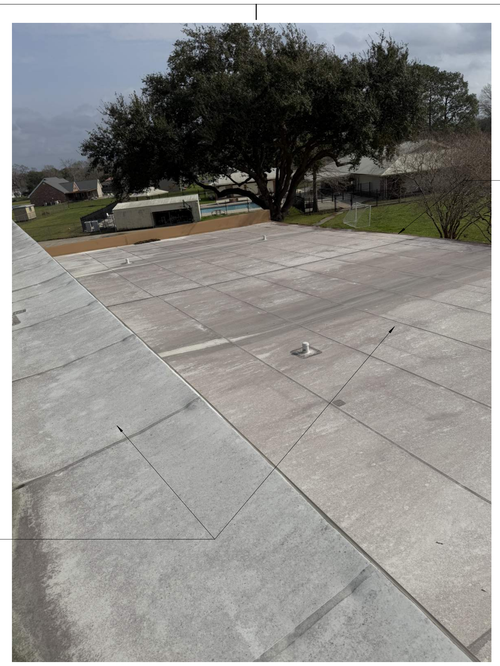


37 ROOF OVERALL - IMAGE REFERENCE



38 ROOF OVERALL - IMAGE REFERENCE

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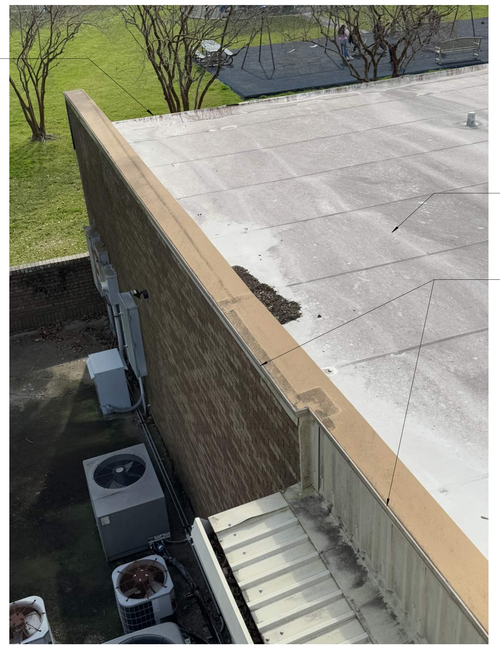

40 ROOF OVERALL - IMAGE REFERENCE

NOTE: THIS CONDITION OCCURS AT BOTH ENDS OF GYM. ALL NOTES AND DETAILS THAT APPLY TO THIS CONDITION SHALL APPLY TO THE OTHER CONDITION AS WELL.

41 ROOF OVERALL - IMAGE REFERENCE

42 ROOF OVERALL - IMAGE REFERENCE

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RD7. REMOVE EXISTING ROOF SYSTEM IN ITS ENTIRETY DOWN TO THE EXISTING TRAPEZOIDAL METAL ROOF PANELS. EXISTING ROOF PANELS AND SUB-STRUCTURE TO REMAIN. REMOVE DIRT AND DEBRIS FROM EXISTING PANELS.
RD8. REMOVE EXISTING METAL ROOF PANELS, DECKING/SHEATHING, ROOF FRAMING, INSULATION, GABLE END FRAMING, AND ALL ASSOCIATED BLOCKING, ANCHORING/FASTENING AND FINISHES AS REQUIRED TO INSTALL NEW ROOF FRAMING/DECKING AND ROOFING MEMBRANE. RE: STRUCTURAL FOR NEW ROOF FRAMING INFORMATION & DETAILING.
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RD10. REMOVE AND REPLACE EXISTING ROOF DRAINS; SIZE AND TYPE TO MATCH EXISTING; VOJ

NOTE: REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES. REFER TO STRUCTURAL DRAWINGS FOR NOTES/DETAILS PERTAINING TO DECK MODIFICATION AND/OR REPAIRS NEEDED FOR MECHANICAL AND ROOFING WORK.

CONTRACTOR TO PROVIDE TEMPORARY ROOF CLOSURE AND EQUIPMENT CURBS WHERE REQUIRED AS A RESULT OF CONSTRUCTION PHASING.

ROOF IMAGE REFERENCE LEGEND:

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- REFERENCE VIEWS 43 - 48: SHEET A3.12
- REFERENCE VIEWS 49 - 54: SHEET A3.13
- REFERENCE VIEWS 55 - 60: SHEET A3.14
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Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ROOF IMAGES

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AQ Studios Project Number	24009
Date	12/05/2025
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Checked by	Checker

A3.11

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43 ROOF OVERALL - IMAGE REFERENCE

44 ROOF OVERALL - IMAGE REFERENCE

45 ROOF OVERALL - IMAGE REFERENCE

46 ROOF OVERALL - IMAGE REFERENCE

47 ROOF OVERALL - IMAGE REFERENCE

48 ROOF OVERALL - IMAGE REFERENCE

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

ROOF DEMOLITION NOTES:

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RD1. REMOVE EXISTING CANOPY INCLUDING ALL STRUCTURE, COLUMN WRAPS, FOUNDATIONS, ELECTRICAL WIRING, LIGHTING, WALL FLASHING & SEALANTS, ETC. REPAIR/PATCH EXISTING BUILDING EXTERIOR WALL AND ENVELOPE TO PROVIDE WATER TIGHT ENCLOSURE.

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- REFERENCE VIEWS 37 - 42: SHEET A3.11
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NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ROOF IMAGES

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A3.12

Scale 12" = 1'-0"

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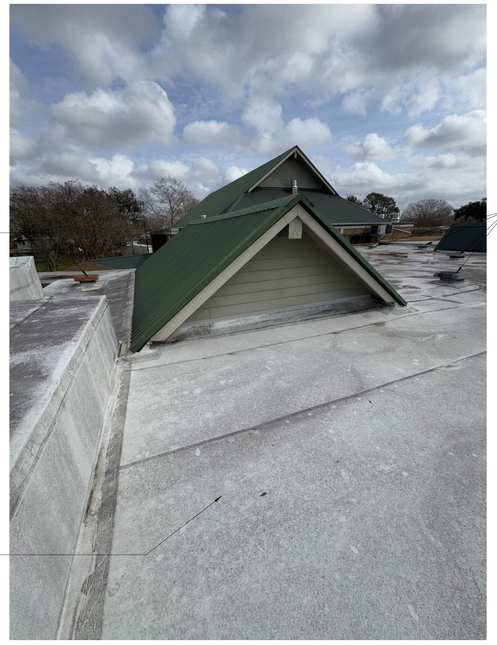
49 ROOF OVERALL - IMAGE REFERENCE

50 ROOF OVERALL - IMAGE REFERENCE

51 ROOF OVERALL - IMAGE REFERENCE



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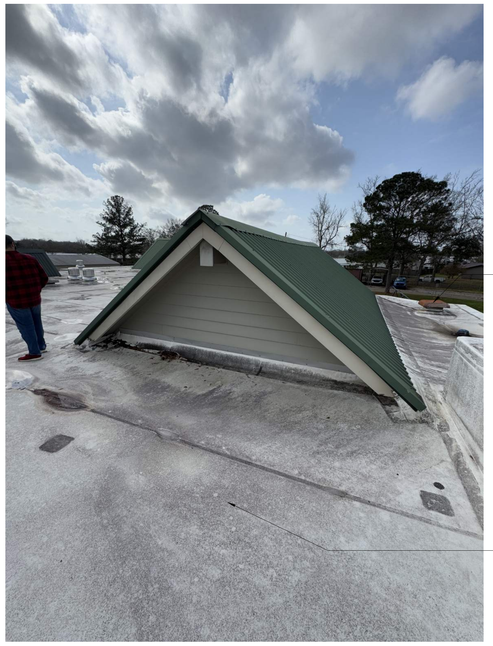

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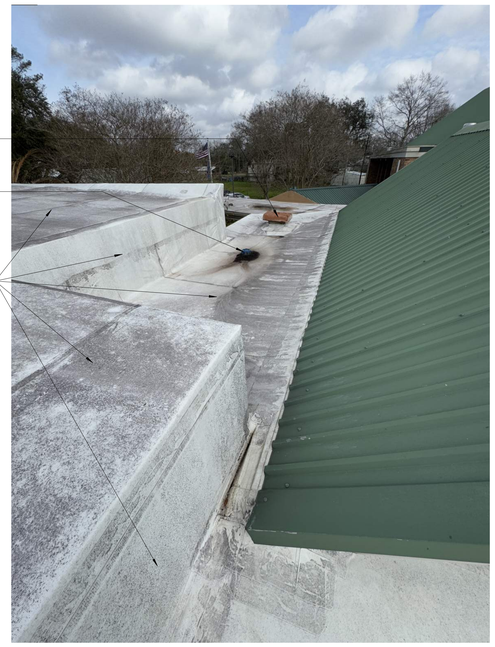

54 ROOF OVERALL - IMAGE REFERENCE

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

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CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ROOF IMAGES

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Checked by	Checker

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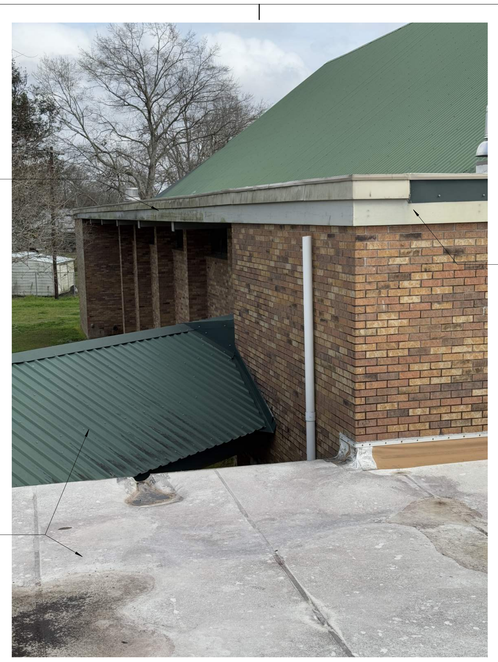
55 ROOF OVERALL - IMAGE REFERENCE



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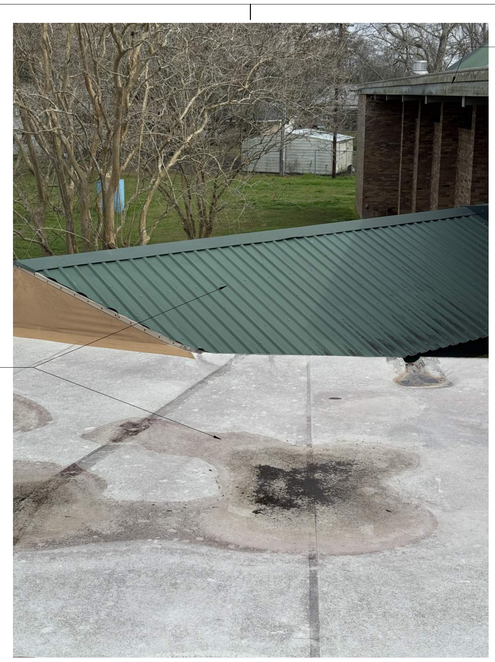

57 ROOF OVERALL - IMAGE REFERENCE

58 ROOF OVERALL - IMAGE REFERENCE

59 ROOF OVERALL - IMAGE REFERENCE

60 ROOF OVERALL - IMAGE REFERENCE

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

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No.	Description	Date

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NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ROOF IMAGES

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AQ Studios Project Number	24009
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Checked by	Checker

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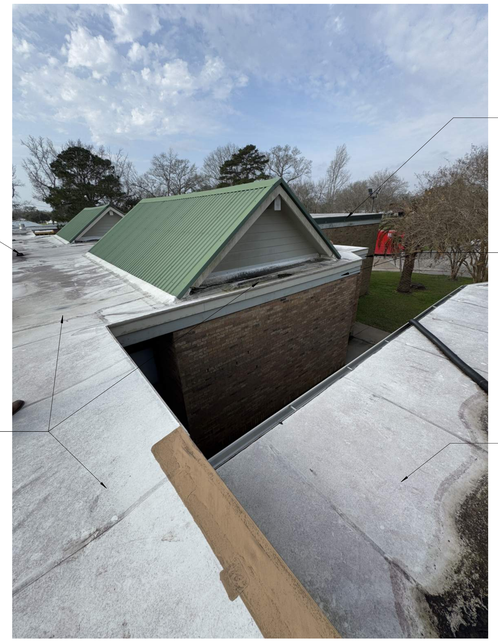
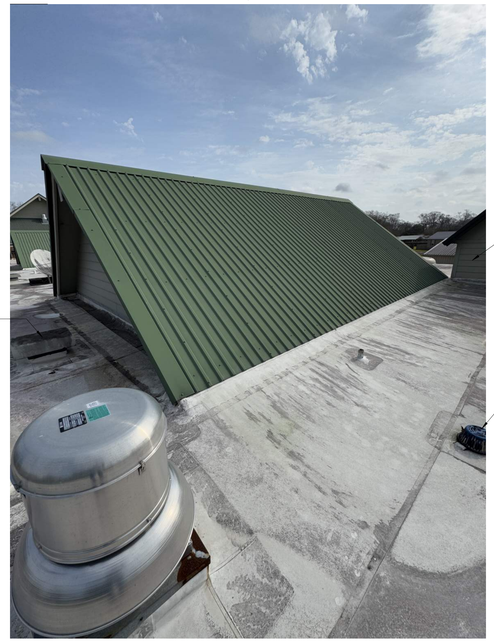


61 ROOF OVERALL - IMAGE REFERENCE



62 ROOF OVERALL - IMAGE REFERENCE

63 ROOF OVERALL - IMAGE REFERENCE

64 ROOF OVERALL - IMAGE REFERENCE

STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

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No.	Description	Date

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NO. 35957
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ROOF IMAGES

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AQ Studios Project Number	24009
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A3.15

Scale 12" = 1'-0"

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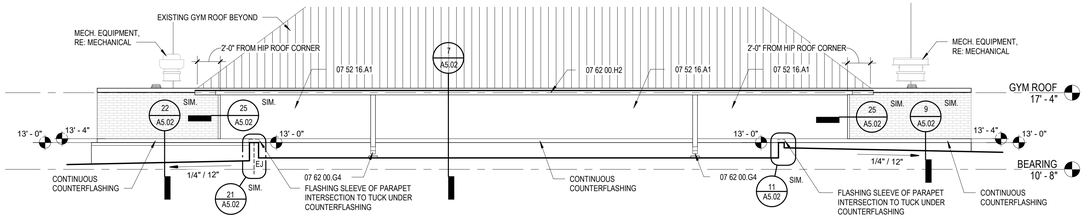
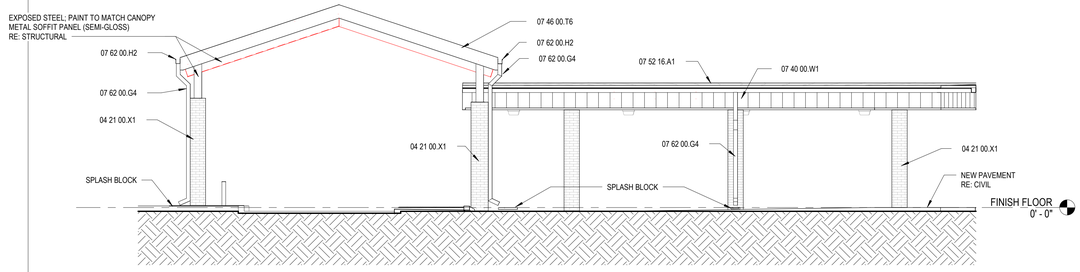


2 ROOF ELEVATION
3/16" = 1'-0"



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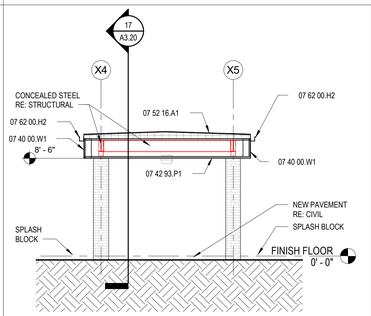
3/16" = 1'-0"



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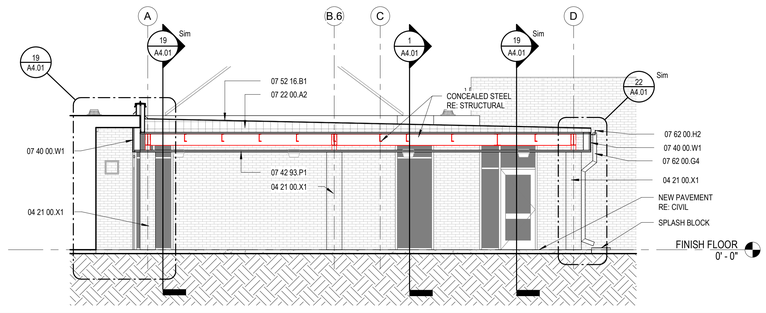
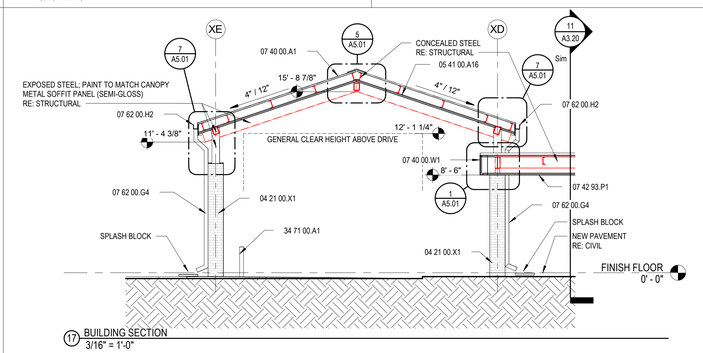
3/16" = 1'-0"



14 BUILDING SECTION
3/16" = 1'-0"



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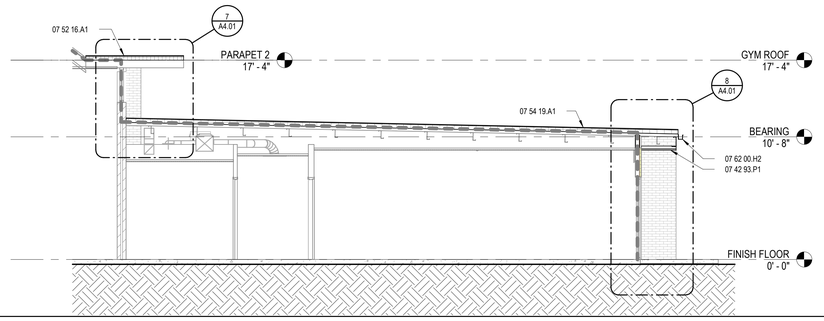

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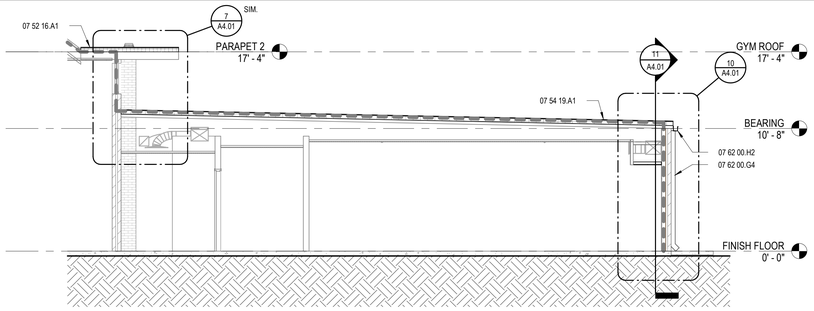

26 BUILDING SECTION
3/16" = 1'-0"

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

04 21 00.X1	FACE BRICK; TO MATCH EXISTING
05 41 00.A16	7/8" FURRING CHANNELS @ 24" O.C.
07 22 00.A2	TAPERED RIGID INSULATION
07 40 00.A1	STANDING SEAM METAL ROOF SYSTEM; BASIS-OF-DESIGN, PAC-CLAD TITE-LOC PLUS, OR APPROVED EQUAL. PROVIDE CUSTOM COLOR AS REQUIRED TO MATCH EXISTING BUILDING METAL ROOF
07 40 00.W1	METAL WALL PANEL; 12" FLUSH PROFILE (PAC-CLAD OR EQUAL. COLOR: BONE WHITE) WITH CONCEALED FASTENERS
07 42 93.P1	METAL SOFFIT PANEL WITH CONCEALED FASTENERS; 12" FLUSH PROFILE; VENTED, PROVIDE VENTED PANELS @ 4'-0" O.C.; COLOR TO BE SELECTED BY MANUFACTURER'S FULL LINE OF AVAILABLE COLORS INCLUDING ALL METALLIC FINISHES (BASIS OF DESIGN: PAC-CLAD OR EQUAL. COLOR: BONE WHITE)
07 46 00.T6	1X12 FIBER CEMENT BOARD TRIM; COLOR TO MATCH STANDING SEAM METAL ROOF
07 52 16.A1	SBS MODIFIED BITUMEN MEMBRANE ROOFING SYSTEM
07 52 16.B1	COVER BOARD
07 54 19.A1	PVC MEMBRANE ROOFING SYSTEM
07 62 00.G4	3" X 4" DOWNSPOUT WITH SPLASH BLOCK; COLOR OF DOWNSPOUT TO MATCH CANOPY METAL WALL PANEL
07 62 00.H2	5" X 5" BOX GUTTER; COLOR TO MATCH CANOPY METAL WALL PANEL
34 71 00.A1	NEW BOLLARD; RE: CIVIL

BUILDING ENVELOPE

- MINIMUM ROOF "R" VALUE AROUND CONDITIONED ENVELOPE SHALL BE R=25
- MINIMUM WALL "R" VALUE AROUND CONDITIONED ENVELOPE SHALL BE BASED ON ASHRAE 90.1 - 2022. FOR EXAMPLE: METAL STUD BUILDINGS (ZONE 2 "ALL OTHER") WITH STEEL FRAME. THE INSULATION SHALL BE AS FOLLOWS:
  1. CONTINUOUS INSULATION - MIN. R3.8
  2. BATT INSULATION BETWEEN STUDS - MIN.R13
- BUILDING ENVELOPE: DASHED LINE (- - - -) INDICATED IN BUILDING SECTION TYPICALLY INDICATES THE BUILDING ENVELOPE, WHICH SEPARATES CONDITIONED SPACE FROM NON-CONDITIONED SPACE. THE ENTIRE ENVELOPE SHALL BE LAPPED, SEALED AND INSTALLED IN A MANNER AS TO PREVENT THE INFILTRATION OF AIR, MOISTURE, AND WATER FROM NON-CONDITIONED SPACES TO THE CONDITIONED SPACE. REFER TO WALL SECTIONS AND PROJECT MANUAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND DETAILS OF THE BUILDING ENVELOPE

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ELEVATIONS & BUILDING SECTIONS

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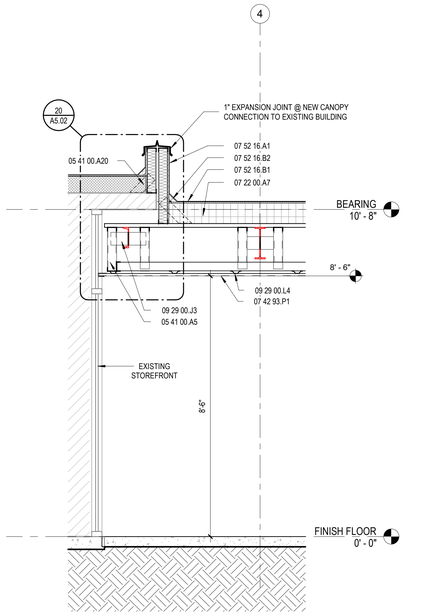
AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A3.20

Scale	As indicated

2/2/2026 11:40:15 AM



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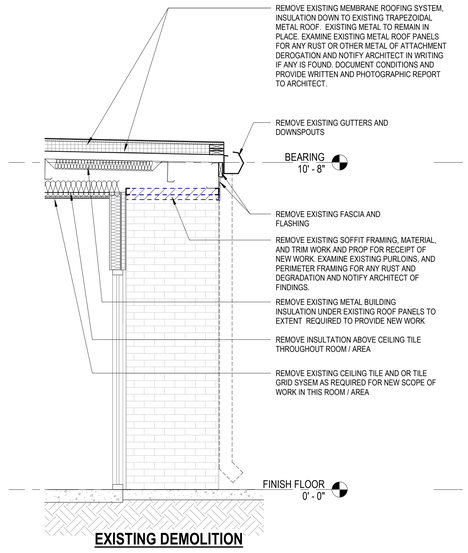

EXISTING DEMOLITION

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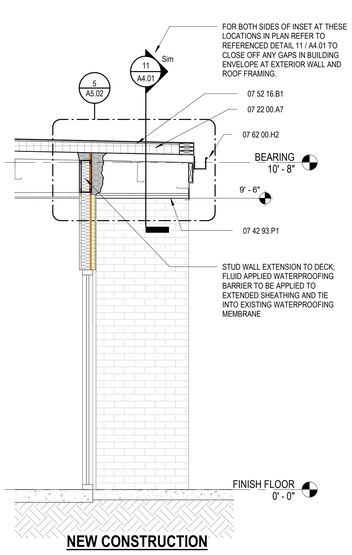
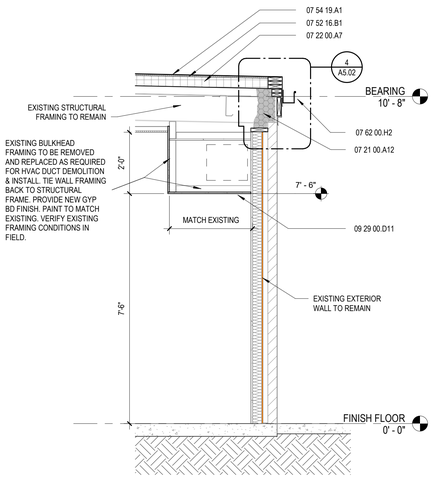


NEW CONSTRUCTION



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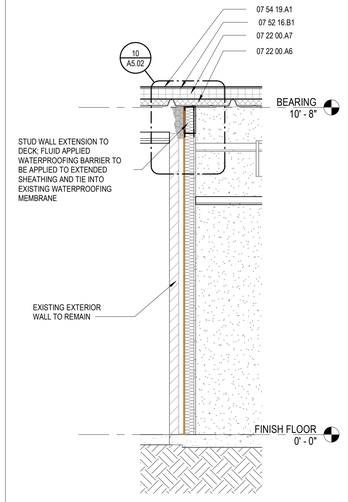

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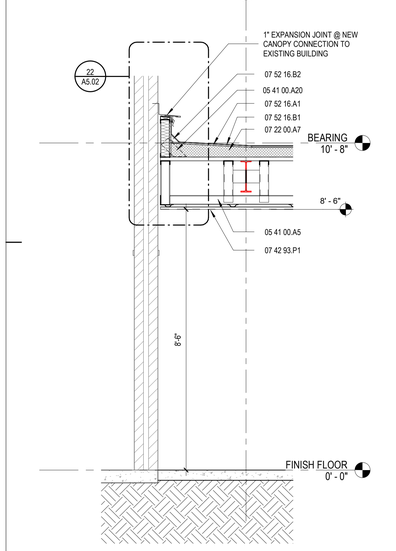

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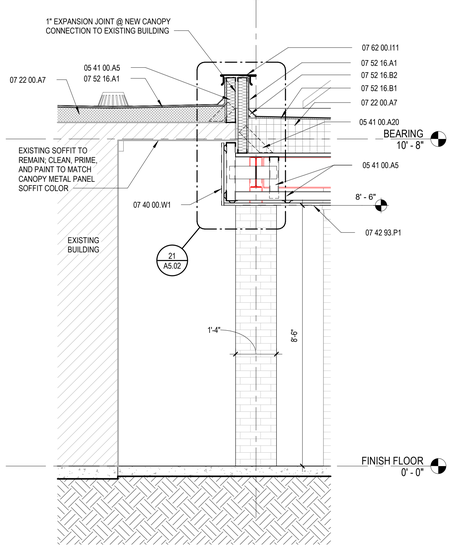

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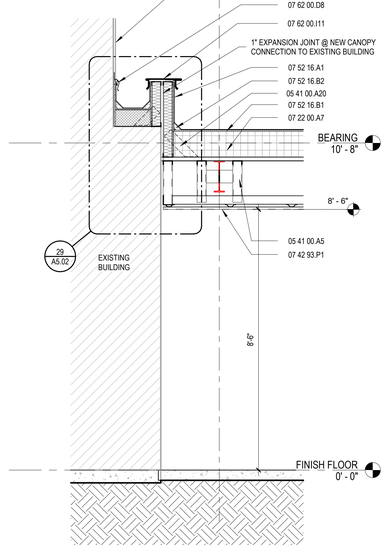

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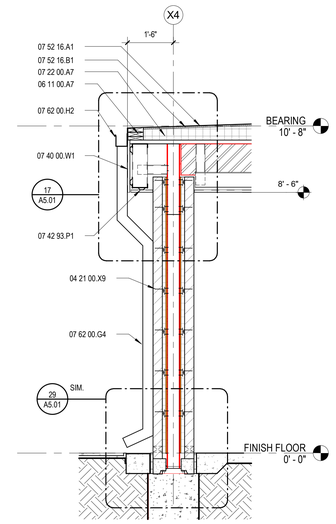

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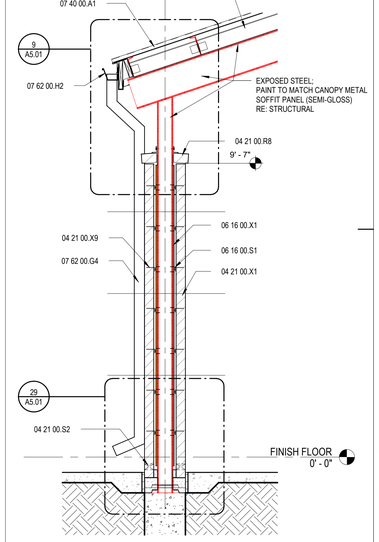

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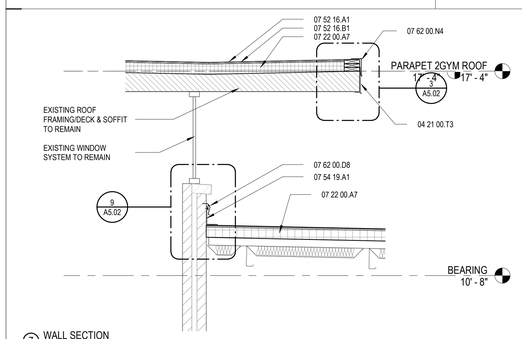

7 WALL SECTION
1/2" = 1'-0"

KEYNOTE EXPLANATION

04 21 00.R8	SLOPING ROW LOCK BRICK SILL
04 21 00.S2	WEEPS AT 16" O.C. COLOR TO BE WHITE TO MATCH BRICK MORTAR
04 21 00.T3	FLEXIBLE THROUGH WALL FLASHING WITH EMBEDDED GALVANIZED SHEET METAL DRIP EDGE
04 21 00.X1	FACE BRICK; TO MATCH EXISTING
04 21 00.X9	MASONRY ANCHORS @ 16" O.C. HORIZONTALLY AND VERTICALLY UNLESS NOTED OTHERWISE.
05 41 00.A5	3-5/8" METAL STUD FRAMING - DELEGATED DESIGN, FINAL STUD SIZE AND SPACING PER DESIGNER OR UL DESIGN
05 41 00.A8	6" METAL STUD FRAMING - DELEGATED DESIGN, FINAL STUD SIZE AND SPACING PER DESIGNER OR UL DESIGN
05 41 00.A20	DIAGONAL METAL STUD BRACING - DELEGATED DESIGN, FINAL STUD SIZE AND SPACING PER DESIGNER OR UL DESIGN; INFILL WITH BATT INSULATION; WHERE DESIGN OF BRACING REQUIRES PLACEMENT IN LINE WITH OR GREATER THAN THE REQUIRED ROOFING CANT STRIP, THE BRACING/SHEATHING ASSEMBLY SHALL TAKE THE PLACE OF THE CANT STRIP
06 11 00.A7	WOOD SHIM OR BLOCKING, SIZE AS REQUIRED, CONTINUOUS WHERE INDICATED; TREATED
06 16 00.S1	SELF ADHERING SHEET WATERPROOFING MEMBRANE COMPATIBLE WITH FLUID APPLIED MEMBRANE.
06 16 00.X1	1/2" SHEATHING DENS GLAS OR EQUAL WITH FLUID APPLIED VAPOR BARRIER.
07 21 00.A12	CLOSED CELL FOAM INSULATION AS REQUIRED TO ACHIEVE SEALED PERIMETER ENVELOPE.
07 22 00.A6	TRAPEZOIDAL (BEVELED) RIGID INSULATION AS REQUIRED TO INFILL BETWEEN FLUTES OF EXISTING STANDING SEAM ROOF PANELS. CONTRACTOR TO VERIFY DIMENSIONS OF EXISTING PANELS.
07 22 00.A7	RIGID ROOF INSULATION; THICKNESS AS REQUIRED TO ACHIEVE MIN R-25 ABOVE ROOF DECK. PROVIDE TAPERED INSULATION AS REQUIRED TO ACHIEVE ROOF SLOPES AS NOTED AND AS REQUIRED PER ROOFING MANUFACTURER.
07 40 00.A1	STANDING SEAM METAL ROOF SYSTEM; BASIS-OF-DESIGN: PAC-CLAD TITE-LOC PLUS, OR APPROVED EQUAL. PROVIDE CUSTOM COLOR AS REQUIRED TO MATCH EXISTING BUILDING METAL ROOF
07 40 00.W1	METAL WALL PANEL; 12" FLUSH PROFILE (PAC-CLAD OR EQUAL, COLOR: BONE WHITE) WITH CONCEALED FASTENERS
07 42 93.P1	METAL SOFFIT PANEL WITH CONCEALED FASTENERS; 12" FLUSH PROFILE; VENTED, PROVIDE VENTED PANELS @ 4'-0" O.C.; COLOR TO BE SELECTED BY MANUFACTURER'S FULL LINE OF AVAILABLE COLORS INCLUDING ALL METALLIC FINISHES (BASIS OF DESIGN: PAC-CLAD OR EQUAL, COLOR: BONE WHITE)
07 52 16.A1	SBS MODIFIED BITUMEN MEMBRANE ROOFING SYSTEM
07 52 16.B1	COVER BOARD
07 52 16.B2	CONTINUOUS CANT
07 54 19.A1	PVC MEMBRANE ROOFING SYSTEM
07 62 00.D8	CONTINUOUS COUNTER FLASHING
07 62 00.G4	3" X 4" DOWNSPOUT WITH SPLASH BLOCK; COLOR OF DOWNSPOUT TO MATCH CANOPY METAL WALL PANEL
07 62 00.H2	5" X 5" BOX GUTTER; COLOR TO MATCH CANOPY METAL WALL PANEL
07 62 00.I11	CONTINUOUS METAL EXPANSION COPING W/ CONT CLEAT.. PROVIDE EXPANSION AS NOTED.
07 62 00.N4	CONTINUOUS METAL DRIP FLASH WITH CONTINUOUS CLIP
09 29 00.D11	5/8" TYPE "X" GYPSUM WALLBOARD
09 29 00.J3	CLIP TO STRUCTURE AS REQUIRED
09 29 00.L4	7/8" FURRING CHANNELS AT 24" O.C.

AQ STUDIOS
ARCHITECTURE

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

WALL SECTIONS

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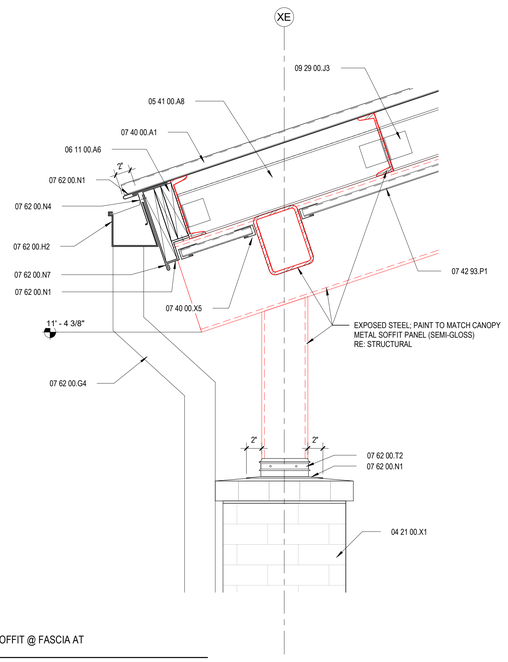
AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

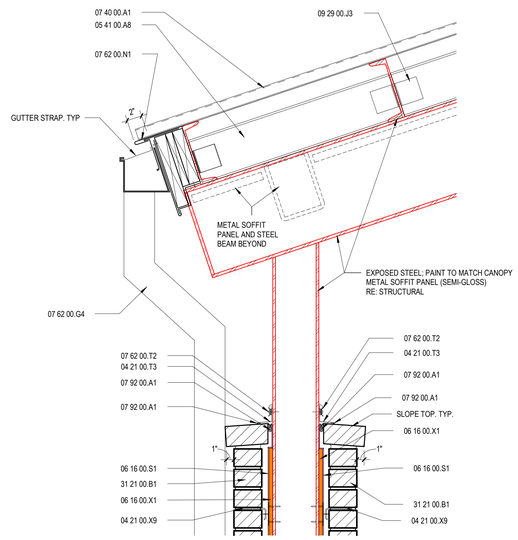
A4.01

Scale	1/2" = 1'-0"

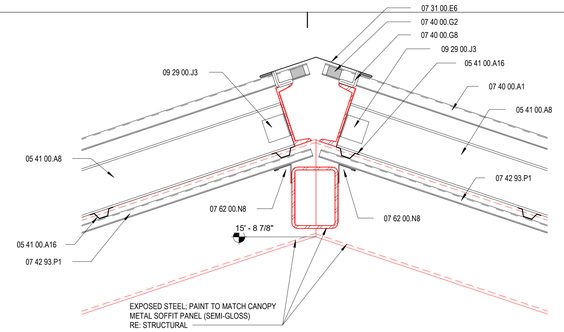
2/2/2026 11:40:20 AM



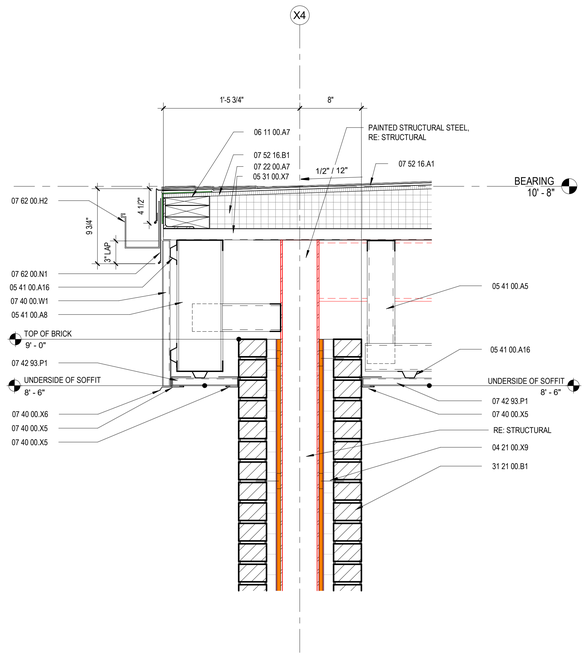
DETAIL - MTL PANEL SOFFIT @ FASCIA AT PITCHED CANOPY
7 1 1/2" = 1'-0"



DETAIL - MTL PANEL SOFFIT @ FASCIA AT PITCHED CANOPY
9 1 1/2" = 1'-0"



DETAIL - CANOPY RIDGE
5 1 1/2" = 1'-0"



DETAIL - MTL PLANEL SOFFIT & FASCIA @ CANOPY
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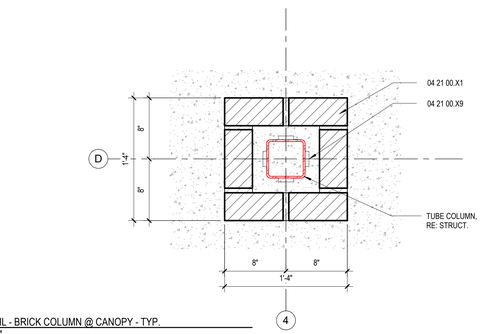
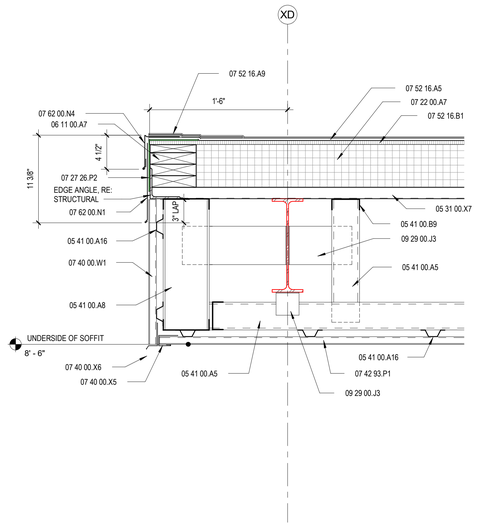
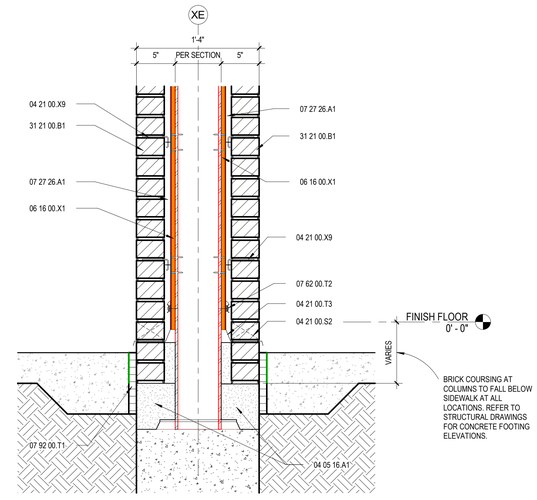


PLAN DETAIL - BRICK COLUMN @ CANOPY - TYP.
15 1 1/2" = 1'-0"



DETAIL
1 1 1/2" = 1'-0"



DETAIL - BRICK COLUMN @ CANOPY
20 1 1/2" = 1'-0"

AQ STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

04 05 16.A1	NON-SHRINK GROUT
04 21 00.S2	WEEPS AT 16" O.C. COLOR TO BE WHITE TO MATCH BRICK MORTAR
04 21 00.T3	FLEXIBLE THROUGH WALL FLASHING WITH EMBEDDED GALVANIZED SHEET METAL DRIP EDGE
04 21 00.X1	FACE BRICK; TO MATCH EXISTING
04 21 00.X9	MASONRY ANCHORS @ 16" O.C. HORIZONTALLY AND VERTICALLY UNLESS NOTED OTHERWISE.
05 31 00.X7	METAL ROOF DECK. RE: STRUCTURAL
05 41 00.A5	3-5/8" METAL STUD FRAMING - DELEGATED DESIGN; FINAL STUD SIZE AND SPACING PER DESIGNER OR UL DESIGN
05 41 00.A8	6" METAL STUD FRAMING - DELEGATED DESIGN; FINAL STUD SIZE AND SPACING PER DESIGNER OR UL DESIGN
05 41 00.A16	7/8" FURRING CHANNELS @ 24" O.C.
05 41 00.B9	METAL STUD FRAMING RUNNER; SIZE AS APPROPRIATE TO SUITE FRAMING MEMBERS
06 11 00.A6	WOOD SHIM OR BLOCKING, SIZE AS REQUIRED, CONTINUOUS WHERE INDICATED; TREATED
06 11 00.A7	WOOD SHIM OR BLOCKING, SIZE AS REQUIRED, CONTINUOUS WHERE INDICATED; TREATED
06 16 00.S1	SELF ADHERING SHEET WATERPROOFING MEMBRANE COMPATIBLE WITH FLUID APPLIED MEMBRANE;
06 16 00.X1	1/2" SHEATHING; DENS GLAS OR EQUAL WITH FLUID APPLIED VAPOR BARRIER
07 22 00.A7	RIGID ROOF INSULATION; THICKNESS AS REQUIRED TO ACHIEVE MIN R-25 ABOVE ROOF DECK. PROVIDE TAPERED INSULATION AS REQUIRED TO ACHIEVE ROOF SLOPES AS NOTED AND AS REQUIRED PER ROOFING MANUFACTURER.
07 27 26.A1	FLUID APPLIED AIR, MOISTURE, AND WATER INFILTRATION BARRIER
07 27 26.P2	SELF-ADHERING SHEET WATERPROOFING MEMBRANE
07 31 00.E6	VENTED RIDGE FLASHING WITH Z-CLOSURES
07 40 00.A1	STANDING SEAM METAL ROOF SYSTEM; BASIS-OF-DESIGN, PAC-CLAD TITE-LOC PLUS, OR APPROVED EQUAL. PROVIDE CUSTOM COLOR AS REQUIRED TO MATCH EXISTING BUILDING METAL ROOF.
07 40 00.G2	CONTINUOUS NEOPRENE CLOSURE SET IN SEALANT
07 40 00.G8	METAL "Z" CLOSURE SET IN FULL BED OF SEALANT
07 40 00.W1	METAL WALL PANEL 12" FLUSH PROFILE (PAC-CLAD OR EQUAL, COLOR: BONE WHITE) WITH CONCEALED FASTENERS
07 40 00.X5	CONTINUOUS METAL "J" CLOSURE TRIM PER METAL PANEL MANUFACTURER; TO MATCH METAL PANEL
07 40 00.X6	CONTINUOUS METAL DRIP FLASHING PER METAL PANEL MANUFACTURER
07 42 93.P1	METAL SOFFIT PANEL WITH CONCEALED FASTENERS; 12" FLUSH PROFILE; VENTED, PROVIDE VENTED PANELS @ 4'-0" O.C.; COLOR TO BE SELECTED BY MANUFACTURER'S FULL LINE OF AVAILABLE COLORS INCLUDING ALL METALLIC FINISHES (BASIS OF DESIGN: PAC-CLAD OR EQUAL, COLOR: BONE WHITE)
07 52 16.A1	SBS MODIFIED BITUMEN MEMBRANE ROOFING SYSTEM
07 52 16.A5	BASE FLASHING PLY
07 52 16.A9	CAP SHEET
07 52 16.B1	COVER BOARD
07 62 00.G4	3" X 4" DOWNSPOUT WITH SPLASH BLOCK; COLOR OF DOWNSPOUT TO MATCH CANOPY METAL WALL PANEL
07 62 00.H2	5" X 5" BOX GUTTER; COLOR TO MATCH CANOPY METAL WALL PANEL
07 62 00.N1	CONTINUOUS METAL FLASHING
07 62 00.N4	CONTINUOUS METAL DRIP FLASH WITH CONTINUOUS CLIP
07 62 00.N7	CONTINUOUS METAL DRIP FLASHING
07 62 00.N8	CONTINUOUS METAL CLOSURE/TRIM
07 62 00.T2	TERMINATION BAR WITH ELASTOMERIC TAPE; SEAL CONTINUOUSLY AT TOP
07 92 00.A1	CONTINUOUS BEAD OF SEALANT
07 92 00.T1	HORIZONTAL TRAFFIC SEALANT
09 29 00.J3	CLIP TO STRUCTURE AS REQUIRED
31 21 00.B1	4" COMPACTED GRANULAR FILL; SEE SITE PLAN FOR DEPTH

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO. 7595
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

DETAILS

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A5.01

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

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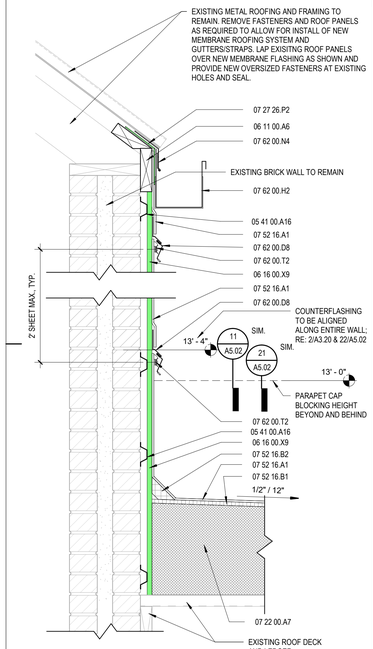

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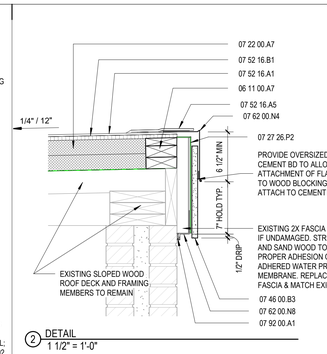

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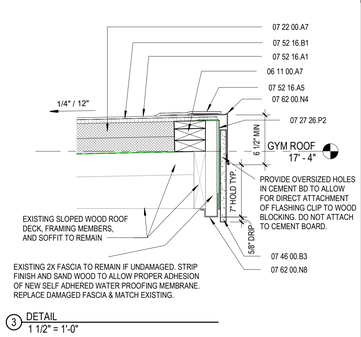

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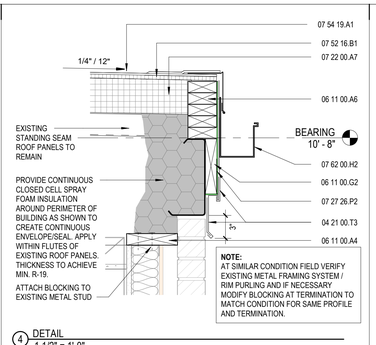

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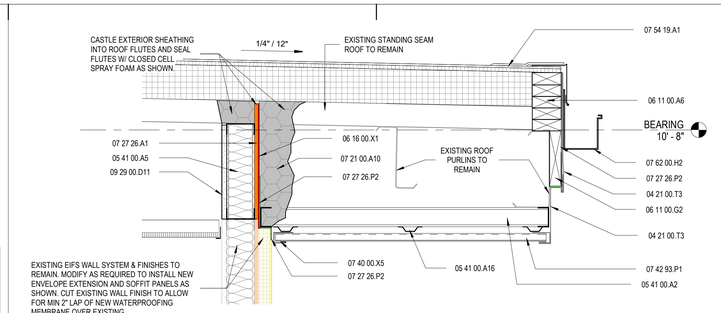
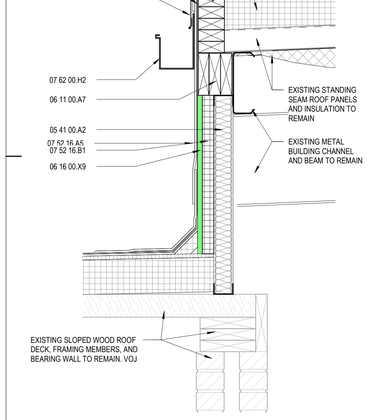


5 DETAIL
1 1/2" = 1'-0"



19 DETAIL
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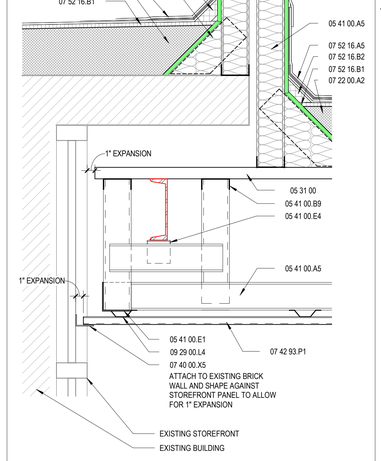

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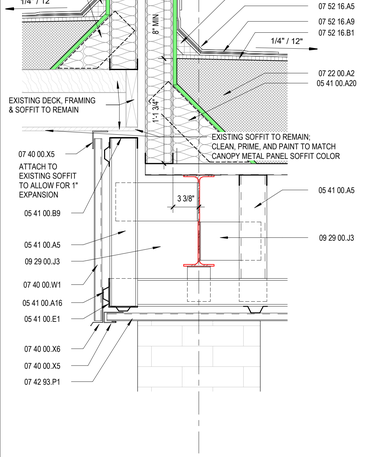

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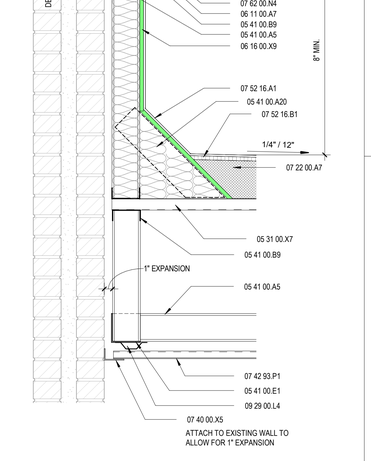

22 DETAIL
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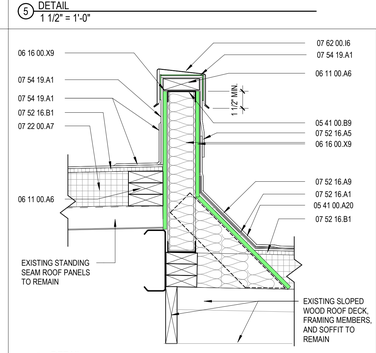
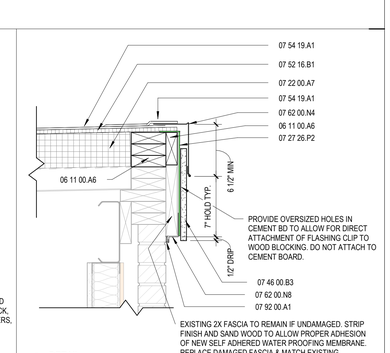


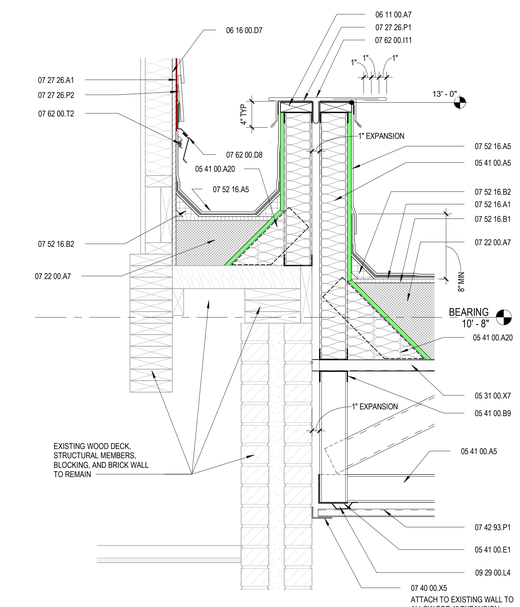
10 DETAIL
1 1/2" = 1'-0"

11 DETAIL
1 1/2" = 1'-0"



12 DETAIL
1 1/2" = 1'-0"

17 DETAIL
1 1/2" = 1'-0"



29 DETAIL
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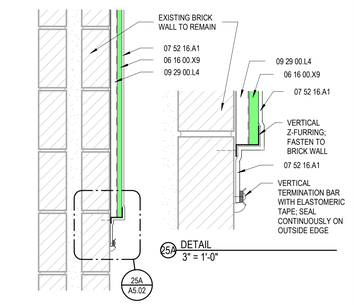

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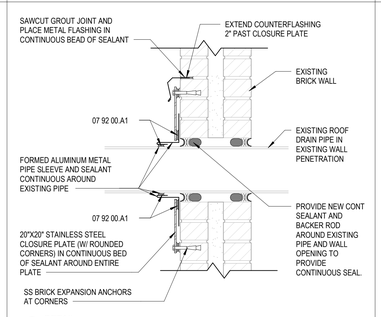

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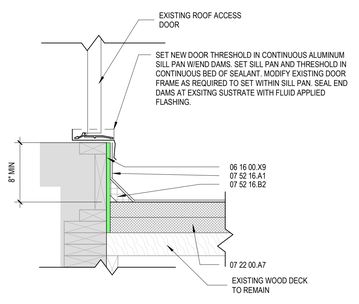

27 DETAIL
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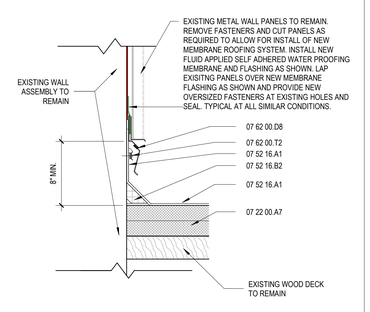

28 DETAIL
1 1/2" = 1'-0"

STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

04 21 00.T3	FLEXIBLE THROUGH-WALL FLASHING WITH EMBEDDED GALVANIZED SHEET METAL DRIP EDGE
05 31 00	STEEL DECKING
05 31 00.X7	METAL ROOF DECK. RE: STRUCTURAL
05 41 00.A2	2-1/2" METAL STUD FRAMING - DELEGATED DESIGN, FINAL STUD SIZE AND SPACING PER DESIGNER OR UL DESIGN
05 41 00.A5	3-5/8" METAL STUD FRAMING - DELEGATED DESIGN, FINAL STUD SIZE AND SPACING PER DESIGNER OR UL DESIGN
05 41 00.A16	7/8" FURRING CHANNELS @ 24" O.C.
05 41 00.A20	DIAGONAL METAL STUD BRACING - DELEGATED DESIGN, FINAL STUD SIZE AND SPACING PER DESIGNER OR UL DESIGN; INFILL WITH BATT INSULATION; WHERE DESIGN OF BRACING REQUIRES PLACEMENT IN LINE WITH OR GREATER THAN THE REQUIRED ROOFING CANT STRIP, THE BRACING/SHEATHING ASSEMBLY SHALL TAKE THE PLACE OF THE CANT STRIP
05 41 00.B9	METAL STUD FRAMING RUNNER, SIZE AS APPROPRIATE TO SUITE FRAMING MEMBERS
05 41 00.E1	CONTINUOUS CLIP
05 41 00.E4	CLIP TO STRUCTURE AS REQUIRED
06 11 00.A4	WOOD BLOCKING AS REQUIRED; TREATED
06 11 00.A6	WOOD SHIM OR BLOCKING, SIZE AS REQUIRED, CONTINUOUS WHERE INDICATED; TREATED
06 11 00.A7	WOOD SHIM OR BLOCKING, SIZE AS REQUIRED, CONTINUOUS WHERE INDICATED; TREATED
06 11 00.G2	2X8 FRAMING @ 16" O.C.; TREATED
06 16 00.D7	1/2" EXTERIOR GRADE PLYWOOD; TREATED
06 16 00.X1	1/2" SHEATHING; DENS GLAS GR EQUAL WITH FLUID APPLIED VAPOR BARRIER.
06 16 00.X9	1/2 EXTERIOR GYP. SUITABLE FOR ROOFING APPLICATIONS; BASIS OF DESIGN: DENS DECK OR EQUAL
07 21 00.A4	R-19 BATT INSULATION
07 21 00.A10	CLOSED CELL FOAM INSULATION TO ACHIEVE R-19 WITHIN PROVIDED SPACE
07 22 00.A2	TAPERED RIGID INSULATION
07 22 00.A6	TRAPEZOIDAL (BEVELED) RIGID INSULATION AS REQUIRED TO INFILL BETWEEN FLUTES OF EXISTING STANDING SEAM ROOF PANELS. CONTRACTOR TO VERIFY DIMENSIONS OF EXISTING PANELS.
07 22 00.A7	RIGID ROOF INSULATION. THICKNESS AS REQUIRED TO ACHIEVE MIN R-25 ABOVE ROOF DECK. PROVIDE TAPERED INSULATION AS REQUIRED TO ACHIEVE ROOF SLOPES AS NOTED AND AS REQUIRED PER ROOFING MANUFACTURER.
07 27 26.A1	FLUID APPLIED AIR, MOISTURE, AND WATER INFILTRATION BARRIER
07 27 26.P1	SELF-ADHERING SHEET WATERPROOFING MEMBRANE COMPATIBLE WITH FLUID APPLIED MEMEBRANE
07 27 26.P2	SELF-ADHERING SHEET WATERPROOFING MEMBRANE
07 40 00.W1	METAL WALL PANEL; 12" FLUSH-PROFILE (PAC-CLAD OR EQUAL, COLOR: BONE WHITE) WITH CONCEALED FASTENERS
07 40 00.X5	CONTINUOUS METAL "J" CLOSURE TRIM PER METAL PANEL MANUFACTURER; TO MATCH METAL PANEL
07 40 00.X6	CONTINUOUS METAL DRIP FLASHING PER METAL PANEL MANUFACTURER
07 42 93.P1	METAL SOFFIT PANEL WITH CONCEALED FASTENERS; 12" FLUSH PROFILE; VENTED. PROVIDE VENTED PANELS @ 4'-0" O.C.; COLOR TO BE SELECTED BY MANUFACTURER'S FULL LINE OF AVAILABLE COLORS INCLUDING ALL METALLIC FINISHES (BASIS OF DESIGN: PAC-CLAD OR EQUAL, COLOR: BONE WHITE)
07 46 00.B3	3/4" FIBER CEMENT BOARD TRIM. BASIS-OF-DESIGN: JAMES HARDIE; HARDI TRIM. PAINT TO MATCH EXISTING
07 52 16.A1	SBS MODIFIED BITUMEN MEMBRANE ROOFING SYSTEM
07 52 16.A5	BASE FLASHING PLY
07 52 16.A9	CAP SHEET
07 52 16.B1	COVER BOARD
07 52 16.B2	CONTINUOUS CANT
07 54 19.A1	PVC MEMBRANE ROOFING SYSTEM
07 62 00.D8	CONTINUOUS COUNTER FLASHING
07 62 00.H2	3" X 5" BOX GUTTER; COLOR TO MATCH CANOPY METAL WALL PANEL
07 62 00.I6	CONTINUOUS METAL COPING
07 62 00.I11	CONTINUOUS METAL EXPANSION COPING W/ CONT CLEAT. PROVIDE EXPANSION AS NOTED.
07 62 00.N3	CONTINUOUS METAL FLASHING SET IN REGLET
07 62 00.N4	CONTINUOUS METAL DRIP FLASH WITH CONTINUOUS CLIP
07 62 00.N8	CONTINUOUS METAL CLOSURE/TRIM
07 62 00.T2	TERMINATION BAR WITH ELASTOMERIC TAPE; SEAL CONTINUOUSLY AT TOP
07 92 00.A1	CONTINUOUS BEAD OF SEALANT
09 29 00.D11	5/8" TYPE "X" GYPSUM WALLBOARD
09 29 00.J3	CLIP TO STRUCTURE AS REQUIRED
09 29 00.L4	7/8" FURRING CHANNELS AT 24" O.C.

NOTE: NEW TAPERED INSULATION ROOF SLOPES TO BE 1/4"/12" MIN TO ROOF DRAINS UNLESS NOTED OTHERWISE.

Construction Documents

No.	Description	Date

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

DETAILS

Copyright 2025 AQ Studios

AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A5.02

Scale	As indicated

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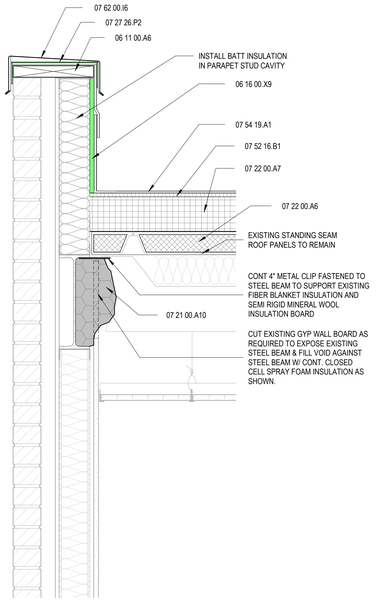

4 DETAIL
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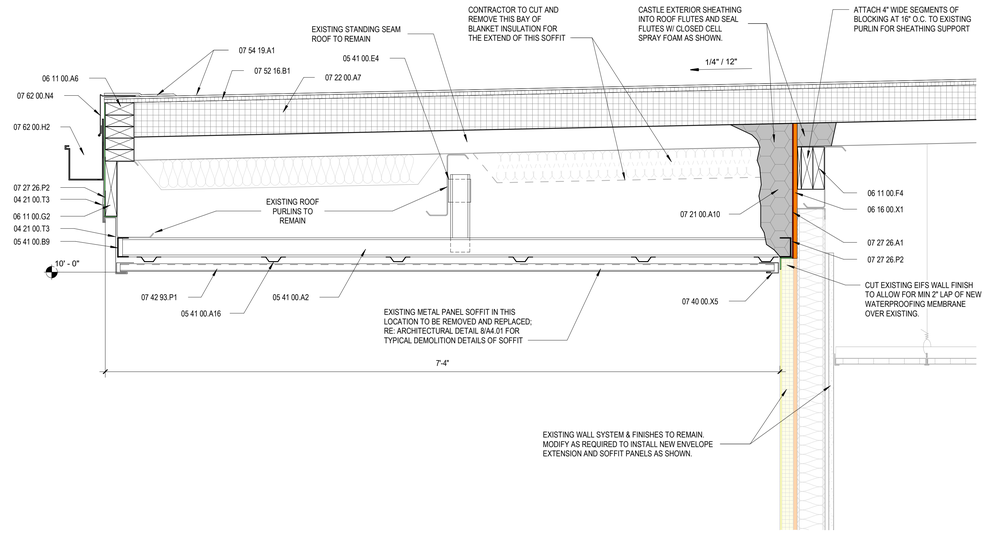

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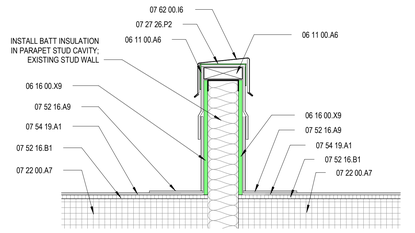
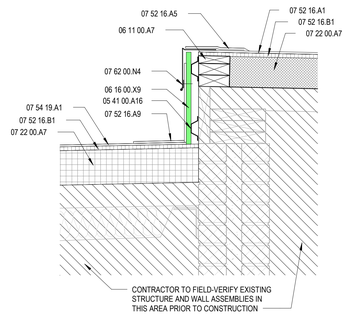
1 1/2" = 1'-0"

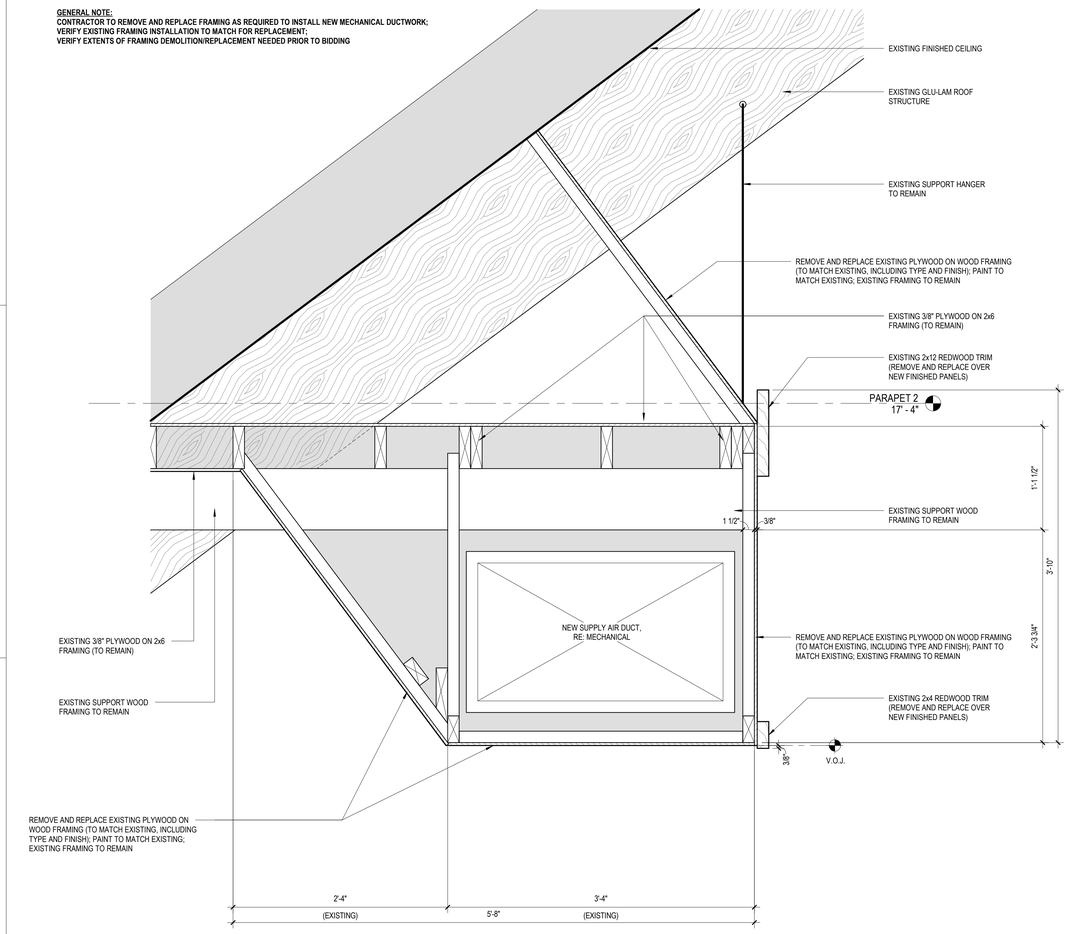


7 DETAIL
1 1/2" = 1'-0"

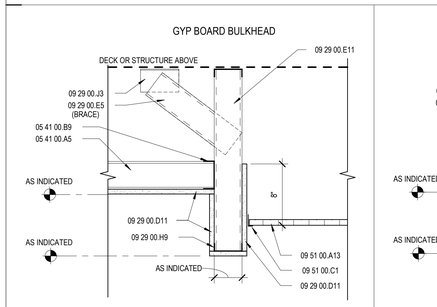


8 DETAIL
1 1/2" = 1'-0"

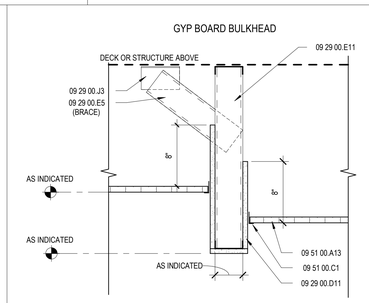
GENERAL NOTE:
CONTRACTOR TO REMOVE AND REPLACE FRAMING AS REQUIRED TO INSTALL NEW MECHANICAL DUCTWORK;
VERIFY EXISTING FRAMING INSTALLATION TO MATCH FOR REPLACEMENT;
VERIFY EXTENTS OF FRAMING DEMOLITION/REPLACEMENT NEEDED PRIOR TO BIDDING



1 DETAIL - FURRED DUCT AT GYM
1 1/2" = 1'-0"



6 DETAIL - CEILING BULKHEAD
1 1/2" = 1'-0"



3 DETAIL - CEILING BULKHEAD
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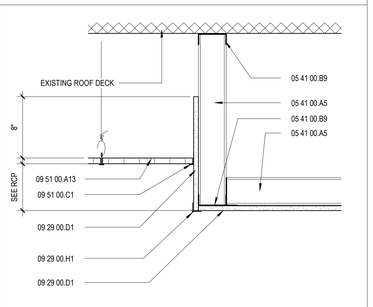

2 DETAIL - CEILING FURR DOWN
1 1/2" = 1'-0"

STUDIOS
ARCHITECTURE

KEYNOTE EXPLANATION

04 21 00.T3	FLEXIBLE THROUGH WALL FLASHING WITH EMBEDDED GALVANIZED SHEET METAL DRIP EDGE
05 41 00.A2	2-1/2" METAL STUD FRAMING - DELEGATED DESIGN, FINAL STUD SIZE AND SPACING PER DESIGNER OR UL DESIGN
05 41 00.A5	3-5/8" METAL STUD FRAMING - DELEGATED DESIGN, FINAL STUD SIZE AND SPACING PER DESIGNER OR UL DESIGN
05 41 00.A16	7/8" FURRING CHANNELS @ 24" O.C.
05 41 00.B9	METAL STUD FRAMING RUNNER; SIZE AS APPROPRIATE TO SUITE FRAMING MEMBERS
05 41 00.E4	CLIP TO STRUCTURE AS REQUIRED
06 11 00.A6	WOOD SHIM OR BLOCKING, SIZE AS REQUIRED, CONTINUOUS WHERE INDICATED; TREATED
06 11 00.A7	WOOD SHIM OR BLOCKING, SIZE AS REQUIRED, CONTINUOUS WHERE INDICATED; TREATED
06 11 00.F4	2X6 FRAMING @ 16" O.C.
06 11 00.G2	2X6 FRAMING @ 16" O.C.; TREATED
06 16 00.X1	1/2" SHEATHING; DENS GLAS OR EQUAL WITH FLUID APPLIED VAPOR BARRIER
06 16 00.X9	1/2 EXTERIOR GYP. SUITABLE FOR ROOFING APPLICATIONS; BASIS OF DESIGN: DENS DECK OR EQUAL
07 21 00.A10	CLOSED CELL FOAM INSULATION TO ACHIEVE R-19 WITHIN PROVIDED SPACE
07 22 00.A6	TRAPEZOIDAL (BEVELED) RIGID INSULATION AS REQUIRED TO INFILL BETWEEN FLUTES OF EXISTING STANDING SEAM ROOF PANELS. CONTRACTOR TO VERIFY DIMENSIONS OF EXISTING PANELS
07 22 00.A7	RIGID ROOF INSULATION; THICKNESS AS REQUIRED TO ACHIEVE MIN R-25 ABOVE ROOF DECK. PROVIDE TAPERED INSULATION AS REQUIRED TO ACHIEVE ROOF SLOPES AS NOTED AND AS REQUIRED PER ROOFING MANUFACTURER.
07 27 26.A1	FLUID APPLIED AIR, MOISTURE, AND WATER INFILTRATION BARRIER
07 27 26.P2	SELF-ADHERING SHEET WATERPROOFING MEMBRANE
07 40 00.X5	CONTINUOUS METAL "J" CLOSURE TRIM PER METAL PANEL MANUFACTURER; TO MATCH METAL PANEL
07 42 93.P1	METAL SOFFIT PANEL WITH CONCEALED FASTENERS; 12" FLUSH PROFILE; VENTED; PROVIDE VENTED PANELS @ 4'-0" O.C.; COLOR TO BE SELECTED BY MANUFACTURER'S FULL LINE OF AVAILABLE COLORS INCLUDING ALL METALLIC FINISHES (BASIS OF DESIGN: PAC-CLAD OR EQUAL, COLOR: BONE WHITE)
07 52 16.A1	SBS MODIFIED BITUMEN MEMBRANE ROOFING SYSTEM
07 52 16.A5	BASE FLASHING PLY
07 52 16.A9	CAP SHEET
07 52 16.B1	COVER BOARD
07 54 19.A1	PVC MEMBRANE ROOFING SYSTEM
07 62 00.H2	6" X 5" BOX GUTTER; COLOR TO MATCH CANOPY METAL WALL PANEL
07 62 00.I6	CONTINUOUS METAL COPING
07 62 00.N4	CONTINUOUS METAL DRIP FLASH WITH CONTINUOUS CLIP
09 29 00.D1	5/8" GYPSUM WALLBOARD
09 29 00.D11	5/8" TYPE "X" GYPSUM WALLBOARD
09 29 00.E5	3 5/8" METAL STUD FRAMING @ 16" O.C.
09 29 00.E11	METAL STUDS FRAMING
09 29 00.H1	CONTINUOUS CORNER BEAD
09 29 00.H9	BUILT UP HEAD OR JAMB
09 29 00.J3	CLIP TO STRUCTURE AS REQUIRED
09 51 00.A13	ACOUSTICAL CEILING TILE; REFER TO FINISH SCHEDULE/LEGEND FOR LOCATIONS AND TYPES
09 51 00.C1	9/16" WALL ANGLE

Construction Documents

No.	Description	Date

GREGORY V. DAMICO
NO 7585
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

DETAILS

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	Author
Checked by	Checker

A5.03

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

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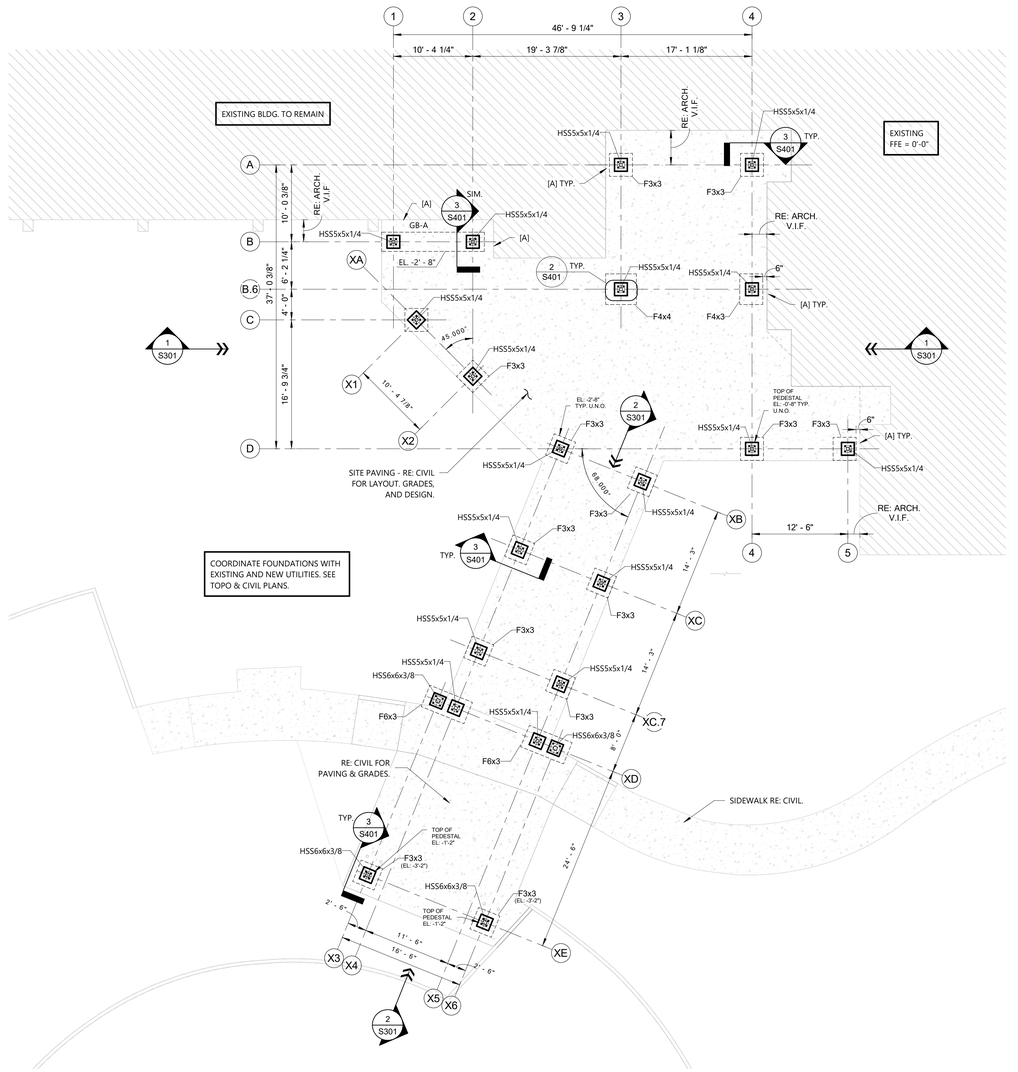

1 FOUNDATION PLAN

1/8" = 1'-0"

FOUNDATION PLAN NOTES AND LEGEND:

THE TOP OF ALL PEDESTALS SHALL BE AT EL. -0'-8", UNLESS NOTED OTHERWISE.

THE TOP OF ALL FOOTINGS/GRADE BEAMS SHOWN UNDERNEATH PEDESTALS SHALL BE AT EL. -2'-8", UNLESS NOTED OTHERWISE.

THE CENTER OF GRAVITY OF ALL FOOTINGS/PILE CAPS IS AT THE INTERSECTION OF COLUMN GRIDLINES OR CENTERED ON GRADE BEAM IF NO COLUMN IS PRESENT, UNLESS NOTED OTHERWISE.

ALL GRADE BEAMS AND SPREAD FOOTINGS SHALL BE PLACED OVER A 2" THICK CONCRETE DRY BOTTOM AS DEEMED APPROPRIATE BY THE CONTRACTOR IF A PRECIPITATION EVENT IS ANTICIPATED BEFORE CONCRETE PLACEMENT. EXPOSED FOOTING AND GRADE BEAM BOTTOMS THAT DO NOT CONTAIN DRY BOTTOMS SHALL NOT BE SUBJECTED TO A PRECIPITATION EVENT PRIOR TO PLACING CONCRETE. THE GRADE BEAM AND SPREAD FOOTING SUBGRADE SHALL BE APPROVED BY THE TESTING AGENCY FOR ADEQUATE BEARING CAPACITY PRIOR TO PLACEMENT OF DRY BOTTOMS/CONCRETE. DRY BOTTOMS/CONCRETE FOOTING SHALL BE PLACED AS SOON AS POSSIBLE AFTER APPROVAL AND NO PRECIPITATION EVENT SHALL OCCUR IN THE TIME BETWEEN APPROVAL AND PLACEMENT. DO NOT PLACE DRY BOTTOM CONCRETE OVER PILES/DRILLED SHAFTS.

REMOVE A MINIMUM OF 8" OF EXISTING EARTH MATERIAL BELOW FOOTINGS AND GRADE BEAMS. ALL STRUCTURAL FOUNDATION ELEMENTS TO BE PLACED ON COMPACTED SATISFACTORY SOIL FILL FREE OF ROOTS, CONSTRUCTION DEBRIS, ORGANIC MATERIAL AND/OR ANY OTHER DELETERIOUS MATERIALS. SEE GEN. NOTES FOR MORE INFORMATION. RE: CIVIL FOR FILL BELOW PAVING.

SEE GENERAL NOTES FOR FORMING REQUIREMENTS OF FOUNDATION ELEMENTS.

CONTACT E.O.R. IF EXISTING FOUNDATION ELEMENTS ARE ENCOUNTERED WHICH IMPACT THE GEOMETRY/LOCATION OF PROPOSED DEPTH OF NEW FOOTINGS OR PEDESTALS FOR DIRECTION PRIOR TO DEMOLITION OF ANY ELEMENTS OF THE EXISTING FOUNDATION. DO NOT DAMAGE OR UNDERMINE THE EXISTING FOUNDATION. CONTACT THE E.O.R. FOR DIRECTION ON ANY CONFLICTS.

[A] = DO NOT UNDERMINE EXISTING FOUNDATION. IF EXCAVATION DEPTH EXCEEDS EXISTING GRADE BEAM/FOOTING DEPTH, PROVIDE MINIMUM 2" OAK TIMBER SHORING BOARD EXTENDING BELOW EXCAVATION A MINIMUM OF 12". BRACE FOR STABILITY AS REQUIRED. TYPICAL AT EXISTING FOUNDATION.

SPREAD FOOTING SCHEDULE

Mark	Width	Length	Thickness	El. at Top*	Reinforcement
F3x3	3' - 0"	3' - 0"	1' - 6"	-2'-8"	#5 HOOPS AT 6" O.C. EACH WAY
F4x3	3' - 0"	4' - 0"	1' - 6"	-2'-8"	#5 HOOPS AT 6" O.C. EACH WAY
F4x4	4' - 0"	4' - 0"	1' - 6"	-2'-8"	#5 HOOPS AT 6" O.C. EACH WAY
F6x3	3' - 0"	6' - 0"	1' - 6"	-2'-8"	#5 HOOPS AT 6" O.C. EACH WAY

*UNLESS NOTED OTHERWISE ON PLAN.

GRADE BEAM SCHEDULE

Mark	Width	Depth	Top Bars	Bottom Bars	Ties
GB-A	2' - 6"	1' - 6"	(3)-#5 CONTINUOUS	(3)-#5 CONTINUOUS	#3 TIES AT 12" O.C.

AQ STUDIOS
ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
MATTHEW R. HAMMON
LICENSED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

FOUNDATION PLAN

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	RD
Checked by	MH

S101

Scale: As indicated

FOX NESBIT

BATON ROUGE
NEW ORLEANS

225·293·6595
www.fox-nesbit.com

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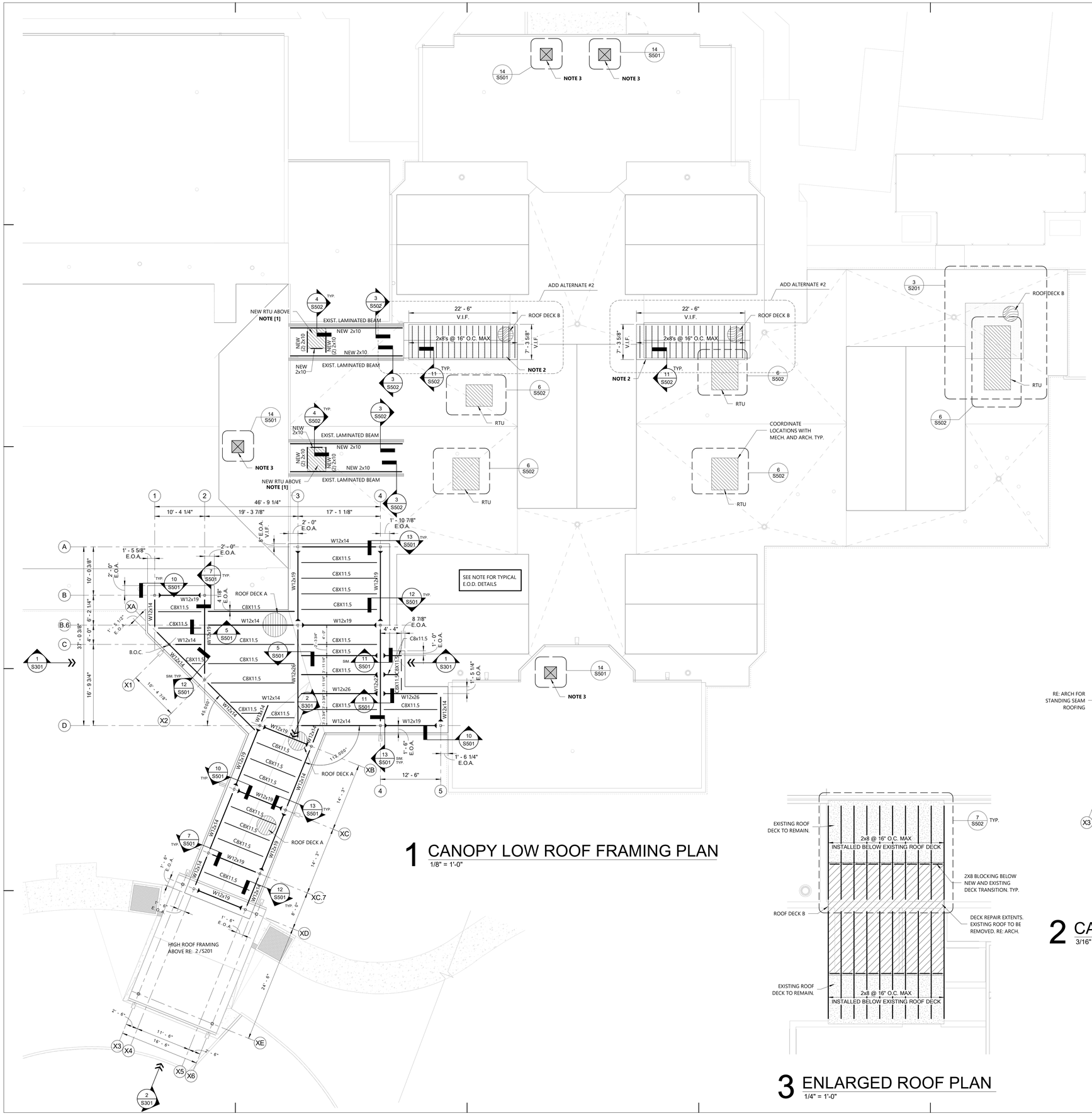
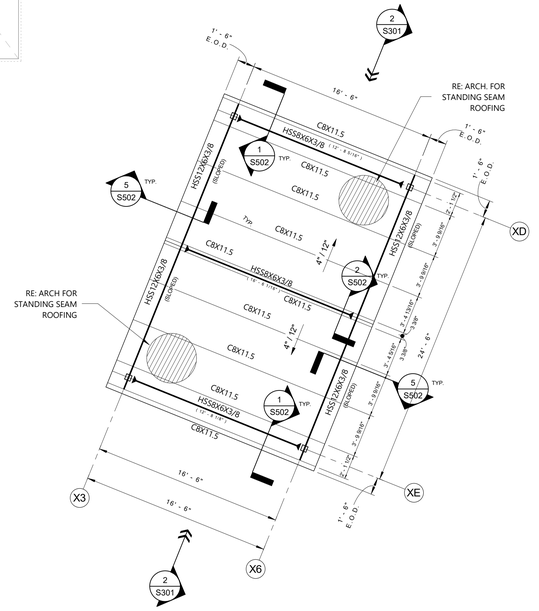


1 CANOPY LOW ROOF FRAMING PLAN

1/8" = 1'-0"

3 ENLARGED ROOF PLAN

1/4" = 1'-0"



2 CANOPY HIGH ROOF FRAMING PLAN

3/16" = 1'-0"

ROOF FRAMING PLAN NOTES AND LEGEND:

ROOF DECK A = 1.5B 22 GAGE GALV. METAL ROOF DECK.

ROOF DECK B = (2) LAYERS 5/8" APA PLYWOOD SHEATHING.

E.O.A. = EDGE OF ANGLE. PROVIDE CONTINUOUS EDGE ANGLE ALONG EDGES WHERE THIS DIMENSION IS INDICATED. SEE DETAIL 8/S501 AND 9/S501 FOR MORE INFORMATION.

E.O.D. = EDGE OF DECK. EDGE ANGLE IS NOT REQUIRED ALONG EDGES WHERE THIS DIMENSION IS INDICATED.

RTU = MECHANICAL ROOF TOP UNIT. GC TO COORDINATE EXACT SIZE, WEIGHT, AND LOCATIONS OF UNITS, AS WELL AS DISTRIBUTION OF LOAD WITHIN UNITS. PROVIDE SHOP DRAWINGS TO E.O.R. FOR SIZE AND WEIGHT VERIFICATION PRIOR TO ANY DEMOLITION OR CONSTRUCTION.

FOR ALL MECHANICAL ROOF TOP UNITS, PROVIDE SUPPORT FRAMING AT EDGES AND OPENINGS PER DETAIL 6/S502 FOR MORE INFORMATION.

ROOF JOISTS SHALL BE EQUALLY SPACED IN FRAMING BAYS - UNLESS NOTED OTHERWISE.

SEE DETAILS 12/S502 FOR TYPICAL REQUIREMENTS AT CANOPY ROOF PENETRATIONS.

ALL OVERFLOW DRAINS ON ROOF SHALL BE SET NO MORE THAN TWO INCHES ABOVE PRIMARY DRAINS.

TOP OF BEAM ELEVATION SHALL BE 10'-1" FOR CANOPY LOW ROOF FRAMING U.N.O.

SEE DETAIL 12/S501 FOR E.O.A. > 5" AT BEAM.

SEE DETAIL 13/S501 FOR E.O.A. > 5" AT COL.

B.O.C. = BEAM OVER COLUMN. SEE 6/S501 FOR DETAILS.

▶ = INDICATES MOMENT CONNECTION.

NOTE 1: DESIGN BASED ON ESTIMATED RTU WEIGHT OF 1200 LBS. RE: MEP FOR EXACT UNIT LOCATION AND ROOF PENETRATIONS.

NOTE 2: EXISTING ROOF TO BE REMOVED.

NOTE 3: ROOF PENETRATION. COORDINATE ALL PENETRATION SIZES AND LOCATIONS WITH MEP.

SEE DETAILS 13/S502 AND 14/S502 FOR TYPICAL REQUIREMENTS AT HVAC WALL PENETRATIONS.

VERIFY ALL EXISTING CONDITIONS IN FIELD PRIOR TO CONSTRUCTION. REPORT ALL DISCREPANCIES TO PROJECT ARCHITECT PRIOR TO ANY SHOP DRAWING SUBMITTAL OR ERECTION OF STRUCTURAL STEEL OF EQUIPMENT.

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ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
MATTHEW R. HAMMON
License No. 29040
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

CANOPY/HVAC FRAMING PLAN

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	RD
Checked by	MH

S201

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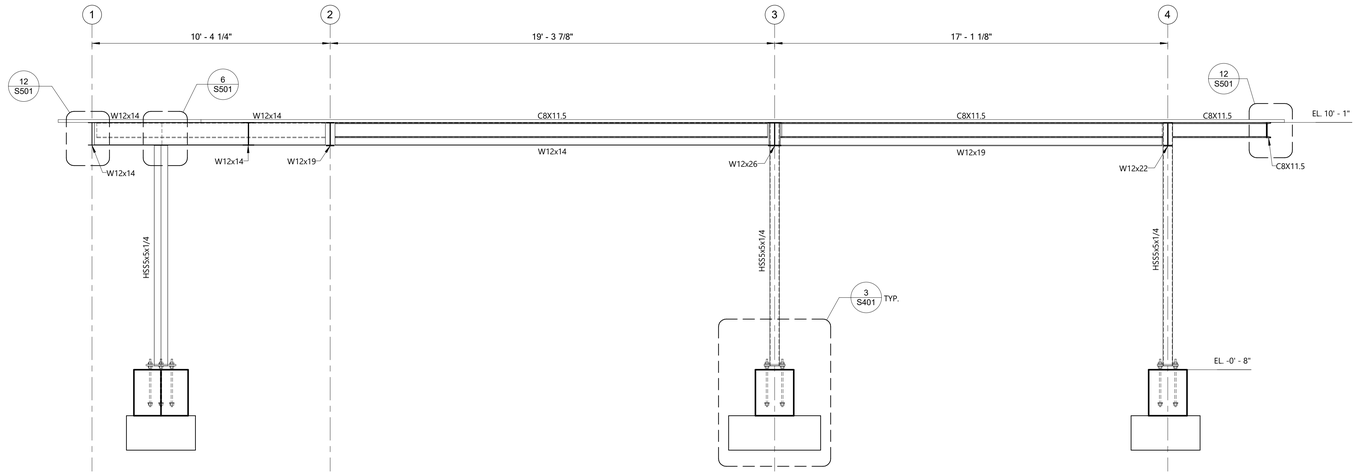
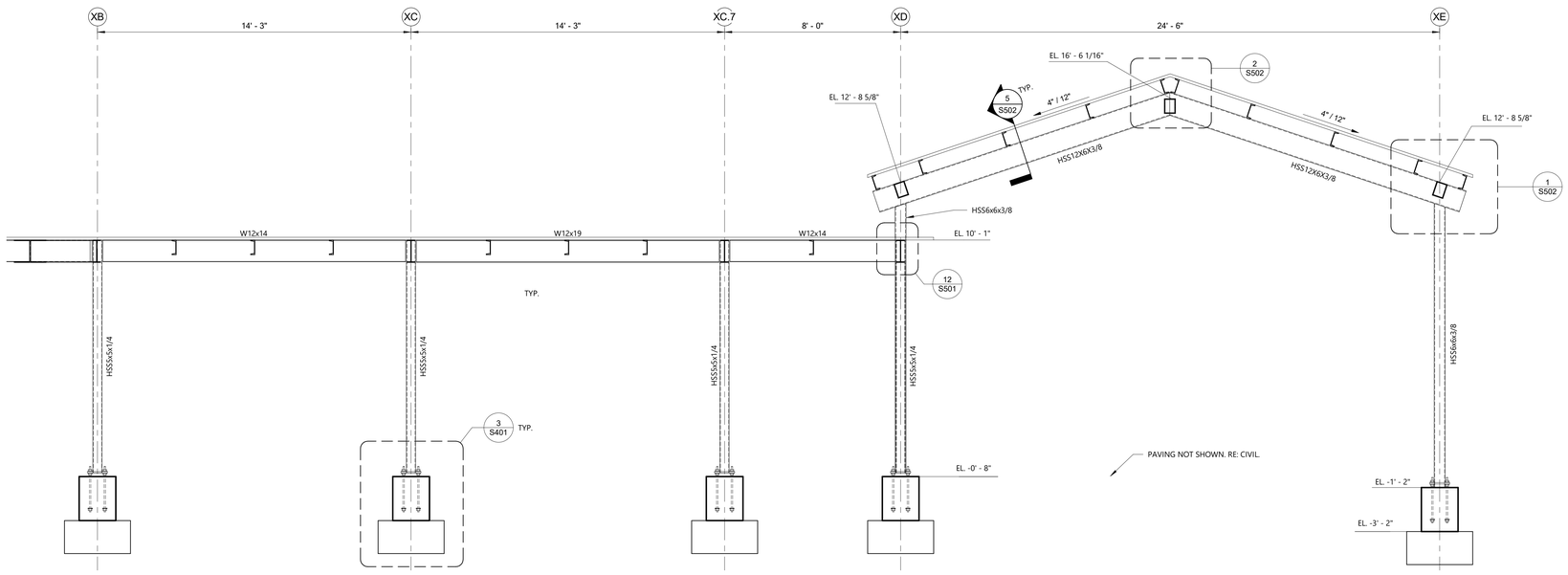


1 SECTION THROUGH LOW CANOPY ROOF

3/8" = 1'-0"



2 SECTION THROUGH LOW/HIGH CANOPY ROOF

3/8" = 1'-0"

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BUILDING SECTIONS

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Scale 3/8" = 1'-0"

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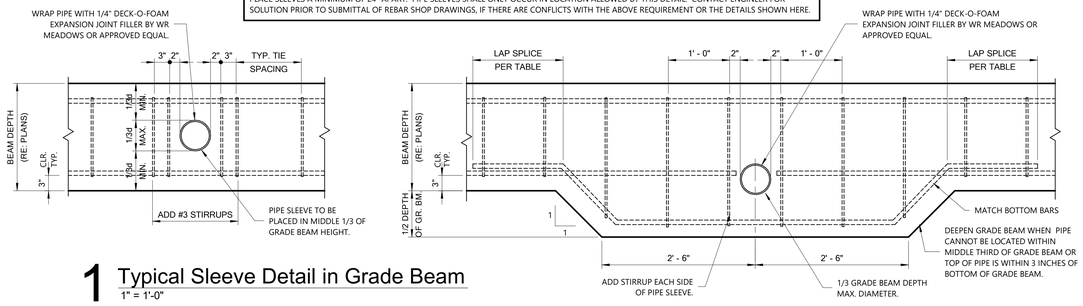
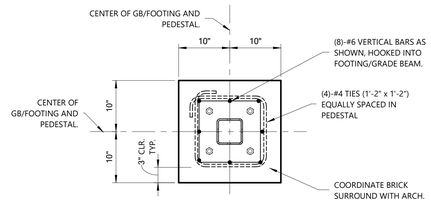
NOTE:

PLACE SLEEVES A MINIMUM OF 24" APART. PIPE SLEEVES SHALL ONLY OCCUR IN LOCATION ALLOWED BY THIS DETAIL. CONTACT ENGINEER FOR SOLUTION PRIOR TO SUBMITTAL OF REBAR SHOP DRAWINGS, IF THERE ARE CONFLICTS WITH THE ABOVE REQUIREMENT OR THE DETAILS SHOWN HERE.



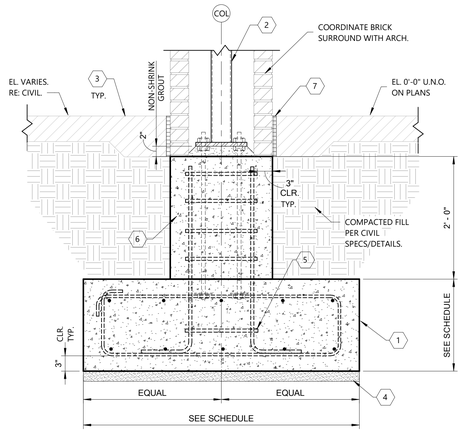
1 Typical Sleeve Detail in Grade Beam
1" = 1'-0"



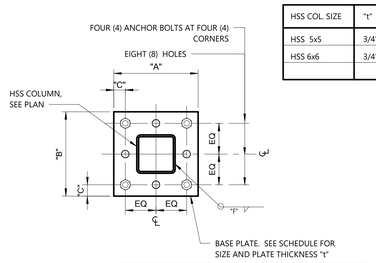
2 Typical Square Pedestal Plan View HSS COL
1" = 1'-0"

Keynote Legend

1. SPREAD FOOTING OR GRADE BEAM - SEE SCHEDULE FOR INFORMATION.
2. STEEL COLUMN - SEE PLAN FOR SIZE.
3. SITE PAVING. RE: CIVIL DRAWINGS.
4. PROVIDE 2" DRY BOTTOM CONCRETE UNDER ALL GRADE BEAMS AND SPREAD FOOTINGS. SEE FOUNDATION PLAN NOTES FOR MORE INFORMATION.
5. PROVIDE ADDITIONAL PEDESTAL TIE IN FOOTING FOR ALIGNMENT OF VERTICAL BARS.
6. SQUARE CONCRETE PEDESTAL. SEE PEDESTAL PLAN VIEW DETAILS FOR REINFORCEMENT.
7. EXPANSION JOINT. RE: CIVIL.



3 Typical Canopy Column
1" = 1'-0"



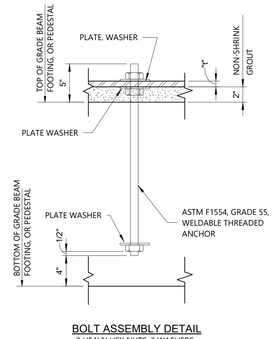
HSS COL. SIZE	"t"	"A"	"B"	"C"	BOLT DIA.	BASE PLATE HOLE DIA.	"F"	WASHER SIZE	WASHER HOLE DIA.
HSS 5x5	3/4"	11"	11"	1 1/2"	3/4"	1 1/8"	1/4	2"x1/4"	15/16"
HSS 6x6	3/4"	12"	12"	1 1/2"	3/4"	1 1/8"	1/4	2"x1/4"	15/16"

NOTE:

ALL PORTIONS OF BASE PLATE WHICH EXTEND BEYOND EXTERIOR EDGE OF BUILDING SLAB SHALL BE SHOP-COATED WITH 3 LAYERS OF A ZINC-RICH COLD-GALVANIZE COMPOUND.

ALL ANCHOR BOLTS, NUTS, AND WASHERS SHALL BE HOT-DIPPED GALVANIZED.

4 Column Base Plate Detail
1 1/2" = 1'-0"



BOLT ASSEMBLY DETAIL
3 HEAVY HEX NUTS, 3 WASHERS, THREADED ANCHOR

5 Typical Anchor Bolt
1 1/2" = 1'-0"

WASHER SCHEDULE		
ANCHOR ROD DIA.	WASHER SIZE *	MIN. WASHER THICKNESS
3/4"	2"	1/4"
7/8"	2 1/2"	5/16"
1"	3"	3/8"
1 1/4"	3 1/2"	1/2"
1 1/2"	4"	1/2"
1 3/4"	4 1/2"	5/8"
2"	5"	3/4"
2 1/2"	5 1/2"	7/8"

* = CIRCULAR OR SQUARE WASHERS MEETING WASHER SIZE ARE ACCEPTABLE.

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FOUNDATION DETAILS

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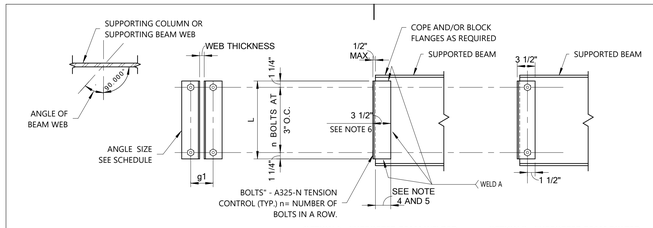


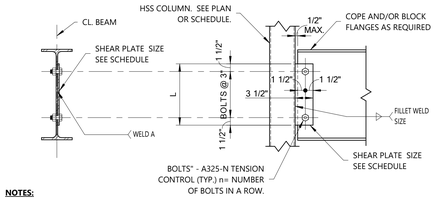
OPTION 1 - SUPPORTED BEAM WELDED **OPTION 2 - SUPPORTED BEAM BOLTED**

NOTES:

1. WHERE BEAMS AND GIRDERS FRAME INTO A W8 COLUMN OR THE WEB OF A W10 COLUMN, ANGLE SIZE 3x3 1/2xSAME THICKNESS SHALL BE USED AND g1 SHALL BE DECREASED BY 2" TYPICALLY.
2. FOR CHANNEL CONNECTIONS, USE ANGLE AND BOLTS FOR SIMILAR DEPTH BEAM SHOWN BELOW.
3. FOR ANGLES 0 DEGREES TO 14 DEGREES FROM PERPENDICULAR, ANGLES SHALL BE BENT.
4. FOR ANGLES 14 DEGREES TO 33.7 DEGREES FROM PERPENDICULAR, PROVIDE (2) BENT PLATES 3/8" X AS REQUIRED BY GEOMETRY (PROVIDE MIN. 3/16" WELD ALL AROUND).
5. FOR ANGLES 33.7 DEGREES TO 71.6 DEGREES FROM PERPENDICULAR, PROVIDE (1) BENT PLATE 3/8" X AS REQUIRED BY GEOMETRY (PROVIDE MIN. 3/16" WELD ALL AROUND). AT W24's AND DEEPER PROVIDE 1/2" THICK BENT PLATE.
6. LEG SHALL BE ADJUSTED WHERE REQUIRED BY GEOMETRY.
7. AT ALL BEAM CONNECTIONS TO DIAGONAL BRACED FRAME COLUMNS IN WHICH BEAM IS PARALLEL TO THE DIAGONAL BRACED FRAME, THE CONNECTION ANGLE THICKNESS SHALL BE INCREASED TO 1/2" AND "WELD A" SHALL BE 1/4".
8. AT DOUBLE BEAM CONNECTIONS AT COLUMNS, INCREASE ANGLE LEG AND ADD BOLTS AS REQUIRED TO MEET OSHA STANDARDS.
9. FOR BEAM TO BEAM CONNECTIONS, PROVIDE CONNECTION PER THE SHALLOWER MEMBER AND COPE SUPPORTED BEAM AS REQUIRED.
10. CONNECTION TO WEB OF SUPPORTED BEAM MAY BE WELDED OR BOLTED.

BEAM SIZE	ANGLE SIZE	L (inches)	n	g1	WELD A	BOLTS
W8's & W10's	L4x3 1/2x5/16	5 1/2	2	5 1/2	3/16	3/4"
W12's	L4x3 1/2x5/16	8 1/2	3	5 1/2	3/16	3/4"
W14's	L4x3 1/2x5/16	8 1/2	3	5 1/2	3/16	3/4"
W16's	L4x3 1/2x5/16	11 1/2	4	5 1/2	3/16	3/4"
W18's	L4x3 1/2x5/16	14 1/2	5	5 1/2	3/16	3/4"
W21's	L4x3 1/2x5/16	17 1/2	6	5 1/2	3/16	3/4"
W24's	L4x3 1/2x5/16	20 1/2	7	5 1/2	1/4	3/4"
W27's	L4x3 1/2x5/16	23 1/2	8	5 1/2	1/4	3/4"
W30's	L4x3 1/2x5/16	26 1/2	9	5 1/2	1/4	3/4"

1 Typical Beam Connection Schedule And Detail
N.T.S.

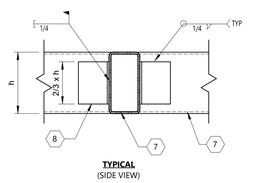


NOTES:

1. WHERE BEAM FRAMES INTO FLAT FACE OF HSS COLUMN ON A SKEW 10 DEGREES OR LESS FROM PERPENDICULAR, PLATE SHALL BE WELDED TO COLUMN WITH FILLET WELD AS INDICATED IN TABLE BELOW.
2. WHERE BEAM FRAMES INTO FLAT FACE OF HSS COLUMN ON A SKEW GREATER THAN 10 DEGREES FROM PERPENDICULAR, PLATE SHALL BE FULL PEN WELDED TO COLUMN.
3. FOR PLATES ATTACHING TO THE RADIUSED CORNER OF AN HSS COLUMN USE COMPLETE JOINT PENETRATION WELD.
4. SLOTTED BOLT HOLES SHALL NOT BE USED, UNLESS NOTED OTHERWISE, EXCEPT AT LOCATIONS APPROVED BY ENGINEER VIA THE RFI PROCESS.

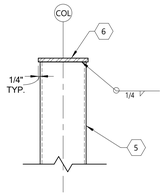
BEAM SIZE	PLATE SIZE (inches)	L (inches)	n	WELD (TYP.) EA. SIDE (inches)	BOLTS (TYP.)
W8's	5/16	6	2	1/4	3/4"
W10's	5/16	6	2	1/4	3/4"
W12's	5/16	9	3	1/4	3/4"
W14's	5/16	9	3	1/4	3/4"
W16's	5/16	12	4	1/4	3/4"
W18's	5/16	15	5	1/4	3/4"
W21's	5/16	18	6	1/4	3/4"
W24's	5/16	18	6	1/4	3/4"
W27's	5/16	21	7	1/4	3/4"

2 Typical Beam To HSS Column Connection Schedule And Detail
N.T.S.



TYPICAL
(SIDE VIEW)

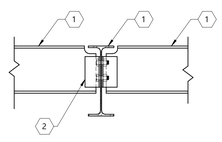
3 HSS Beam To HSS Beam
1 1/2" = 1'-0"



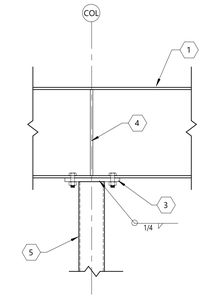
4 HSS Column Cap Plate Detail
1 1/2" = 1'-0"

Keynote Legend

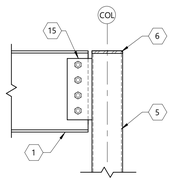
1. STEEL BEAM - SEE PLAN FOR SIZE.
2. STANDARD DOUBLE ANGLE BEAM CONNECTION. RE: BEAM CONNECTION SCHEDULE AND DETAIL FOR INFORMATION.
3. 3/4" CAP PLATE WITH (4)-3/4" DIA. BOLTS.
4. 3/8" STIFFENER PLATE EACH SIDE OF BEAM WEB. WELD BOTH SIDES CONTINUOUS WITH 1/4" FILLET WELD.
5. STEEL COLUMN - SEE PLAN FOR SIZE.
6. 1/2" CAP PLATE.
7. HSS BEAM - SEE PLAN FOR SIZE AND ELEVATION.
8. L4x4x3/8 CONNECTION ANGLE OR EQUIVALENT BENT PLATE AT SKEWED CONNECTIONS.
9. CONTINUOUS EDGE MEMBER PER "TYPICAL EDGE ANGLE/BENT PLATE AT ROOF" DETAIL 8/SS01.
10. GALVANIZED METAL ROOF DECK. RE: PLANS AND DECK FASTENER TABLE FOR INFORMATION.
11. L2 1/2 X 2 1/2 X 3/16 WELDED TO STIFF. PLATE WITH 1/4" FILLET WELD ON 3 SIDES.
12. L2 1/2 X 2 1/2 X 3/16 KICKER AT 4'-0" O.C. FIELD WELD EACH END 3 SIDES.
13. 12"X4"X1/4" STIFF. PLATE. FIELD WELD TO BEAM OR COLUMN. PROVIDE CONTINUOUS 1/8" FILLET WELD ON ALL SIDES OF GUSSET PLATE.
14. L2 1/2 X 2 1/2 X 3/16 KICKER AT COL. FIELD WELD EACH END 3 SIDES.
15. STANDARD SINGLE PLATE BEAM CONNECTION. RE: TYPICAL BEAM TO HSS COLUMN CONNECTION SCHEDULE AND DETAIL.
16. 1/2" THICK GRADE 50 CAP/FLANGE PLATE WITH (4)-3/4" DIA. A325-TC BOLTS. WIDTH OF PLATE SHALL BE WIDTH OF COLUMN PLUS ONE-INCH, CENTERED ON COLUMN.
17. 1/2" THICK GRADE 50 FLANGE PLATE WITH (4)-3/4" DIA. A325-TC BOLTS. WIDTH OF PLATE SHALL MATCH WIDTH OF COLUMN. PROVIDE COMPLETE JOINT PENETRATION WELD TO COLUMN.



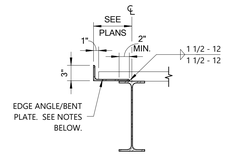
5 Typical Interior Beam To Beam
1" = 1'-0"



6 Beam Over Column
1" = 1'-0"



7 Typ. Beam to Top of Col. Connx.
1" = 1'-0"



AT STEEL BEAM

NOTES:

PROVIDE CONTINUOUS EDGE MEMBER (ANGLE OR BENT PLATE) AT ALL ROOF EDGES, UNLESS NOTED OTHERWISE.

MINIMUM THICKNESS OF EDGE MEMBER IS 1/4".

PROVIDE 4"x2"x1/4" SPLICE PLATE AT ALL JOINTS IN THE EDGE MEMBER. CENTER SPLICE PLATE ON JOINT AND WELD BOTH SIDES.

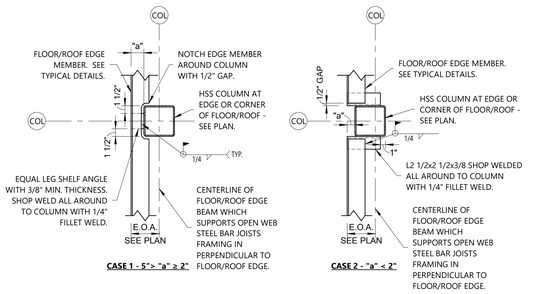
ALL EDGE MEMBER SPLICES SHALL OCCUR CENTERED ON A JOIST OR A COLUMN.

SPLICE PLATE

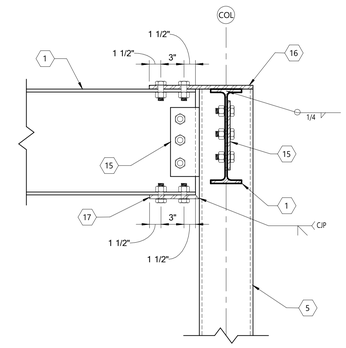
8 Typical Edge Angle/Bent Plate At Roof
N.T.S.

NOTE:

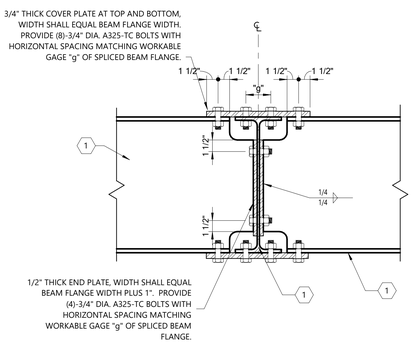
AT ROOF CONDITIONS WHERE TOP OF COLUMN IS AT OR BELOW BOTTOM OF EDGE MEMBER, EDGE MEMBER SHALL BE CONTINUOUS OVER COLUMN AND NO NOTCH SHALL BE PROVIDED.



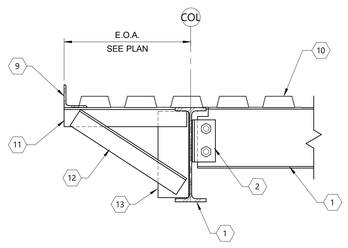
9 Edge Member Column Support
1" = 1'-0"



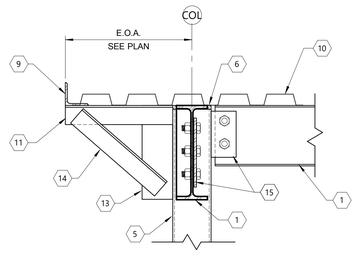
10 HSS Column Moment At Top
1 1/2" = 1'-0"



11 Beam To Beam Moment Connection
1 1/2" = 1'-0"

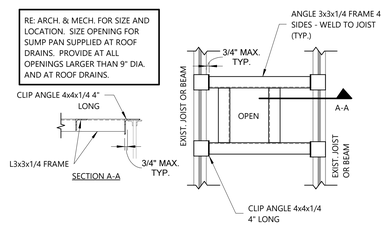


12 Extended Edge Detail
N.T.S.



13 Extended Edge Detail At Col.
N.T.S.

RE: ARCH. & MECH. FOR SIZE AND LOCATION. SIZE OPENING FOR SUMP PAN SUPPLIED AT ROOF DRAINS. PROVIDE AT ALL OPENINGS LARGER THAN 9" DIA. AND AT ROOF DRAINS.



14 Typical Opening Detail At Joist
3/4" = 1'-0"

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FRAMING DETAILS

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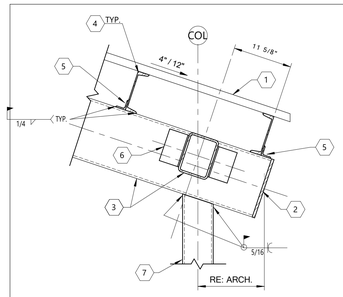
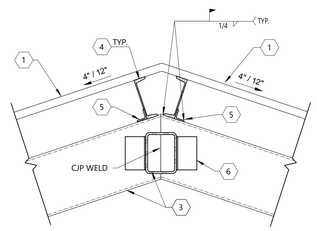
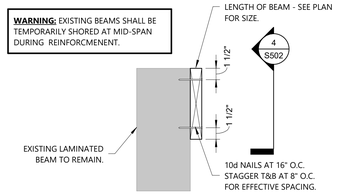


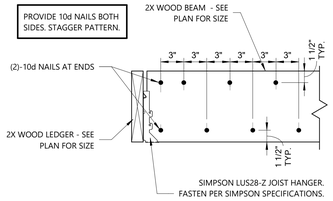
1 HSS Beam Over HSS Column
1" = 1'-0"



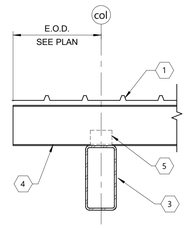
2 Detail At Ridge Beam
1" = 1'-0"



3 New 2X To Exist. Laminated Beam
1 1/2" = 1'-0"



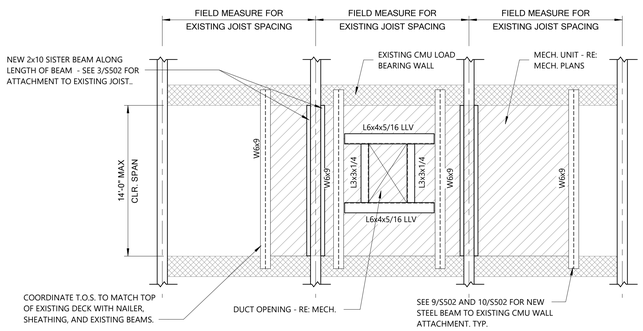
4 Double Wood Beam Connection
1 1/2" = 1'-0"



5 Canopy Roof Edge Detail
1" = 1'-0"

Keynote Legend

1 STANDING SEAM METAL ROOFING. RE: ARCH.
2 1/2" CAP PLATE.
3 HSS BEAM - SEE PLAN FOR SIZE AND ELEVATION.
4 STEEL BEAM - SEE PLAN FOR SIZE.
5 L2X2X3/16 4" LONG CLIP ANGLE.
6 TYP. HSS BEAM CONNECTION. SEE 3/SS01 FOR DETAILS.
7 STEEL COLUMN - SEE PLAN FOR SIZE.
8 5/8 HILTI HIT-Z CARBON STEEL NON-CLEARING BONDED EXPANSION ANCHORS WITH HIT-HY 200 V3 SAFE SET SYSTEM. 6" MIN. EMBED. ANCHOR INTO FILLED CELLS ONLY.
9 L5X3X3/8 LLV FASTENED TO CMU WITH 5/8" THROUGH BOLTS, WITH 3" PLATE WASHERS ON OPPOSITE END OF WALL.
10 3/8" STEEL PLATE. WIDTH OF PLATE TO MATCH THICKNESS OF WALL.
11 5/8 HILTI HIT-Z CARBON STEEL NON-CLEARING BONDED EXPANSION ANCHORS WITH HIT-HY 200 V3 SAFE SET SYSTEM. 3" EMBED. ANCHOR INTO FILLED CELLS ONLY.
12 C5X6.7 FASTENED TO CMU WALL WITH 5/8" THROUGH BOLTS, WITH 3" PLATE WASHERS ON OPPOSITE END OF WALL.



NOTES:

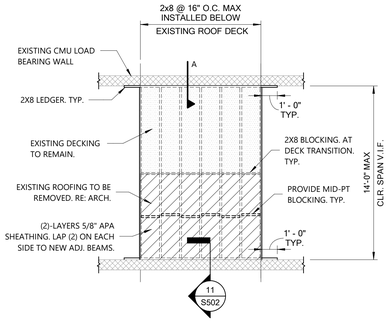
NEW REINFORCEMENT MEMBERS ARE REQUIRED AT ALL EXISTING JOISTS ON WHICH THE NEW MECHANICAL UNIT BEARS LOAD.

GC TO FIELD MEASURE MEMBER DIMENSIONS OF ALL EXISTING JOISTS TO BE REINFORCED AND PROVIDE DIMENSIONS TO STRUCTURAL ENGINEER FOR REVIEW PRIOR TO ORDERING MATERIAL FOR EXISTING JOIST REINFORCEMENT.

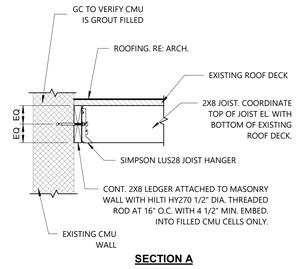
WARNING: ALL EXISTING JOISTS SHALL BE TEMPORARILY SHORED AT MID-SPAN DURING REINFORCMENENT.

CONTACT ENGINEER PRIOR TO REMOVAL OF ANY LIGHTWEIGHT INSULATING CONCRETE FILL FOUND ON EXISTING ROOF.

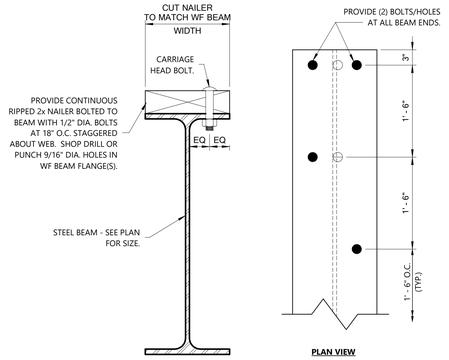
6 New Mech. Unit Support
N.T.S.



7 Deck Repair Detail
N.T.S.



SECTION A



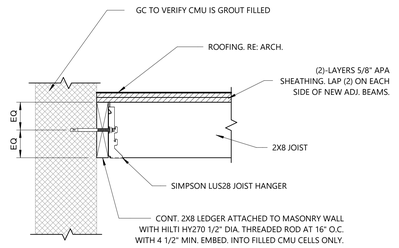
PLAN VIEW

8 Typical Nailer On WF
N.T.S.

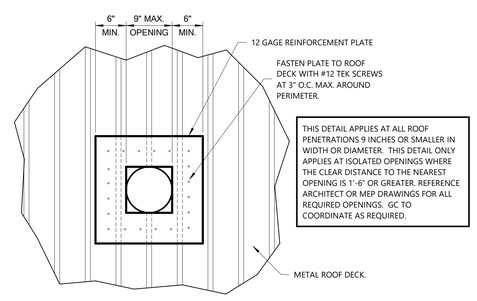
SECTION A

9 HVAC Support Connection Detail
N.T.S.

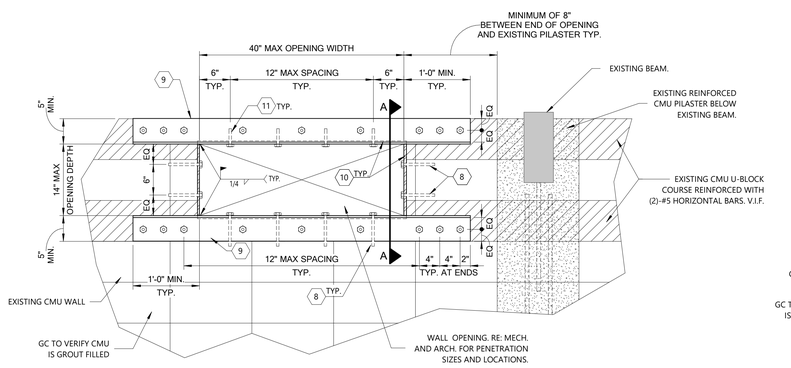
10 HVAC Support Detail
N.T.S.

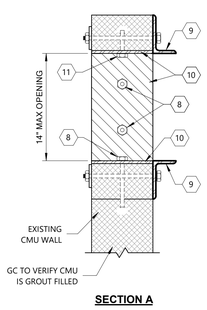


11 2x Joist to CMU Wall
N.T.S.



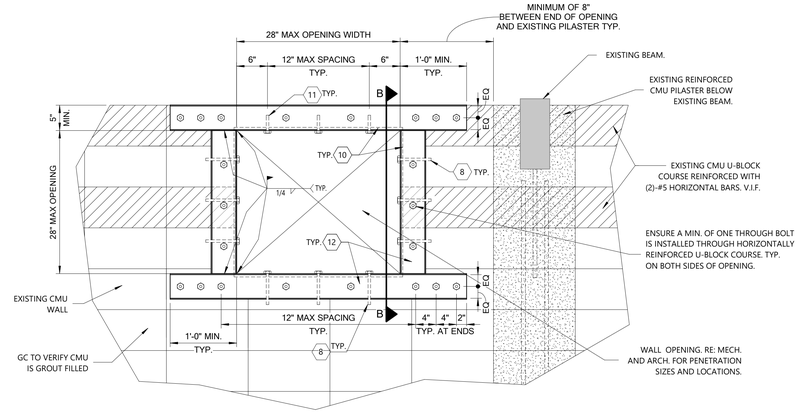
12 Small Reinforced Roof Deck Opening
N.T.S.

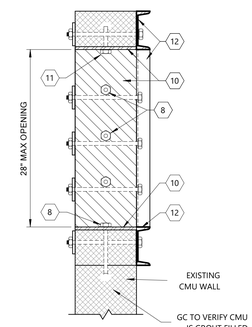




SECTION A

13 Typ. HVAC Wall Penetration (14" Deep Max)
N.T.S.





SECTION B

14 Typ. HVAC Wall Penetration (28" Deep Max)
N.T.S.

FOX NESBIT
BATON ROUGE
NEW ORLEANS
225:293:6595
www.fox-nesbit.com
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AQ STUDIOS
ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
MATTHEW R. HARMON
License No. 29040
PROFESSIONAL ENGINEER
CIVIL ENGINEERING

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

FRAMING DETAILS

Copyright 2025 AQ Studios

AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	RD
Checked by	MH

S502

Scale: As indicated

11/18/2025 3:54:47 PM

GENERAL NOTES

A. APPLICABLE DESIGN CODES & MISCELLANEOUS

NFPA 5000 (2024): BUILDING CONSTRUCTION AND SAFETY CODE
AMERICAN CONCRETE INSTITUTE 318
AMERICAN INSTITUTE OF STEEL CONSTRUCTION

COMPLY WITH NFPA 5000 CHAPTER 40

STRUCTURAL OBSERVATIONS:
STRUCTURAL OBSERVATIONS SHALL BE CONDUCTED BY THE ENGINEER OF RECORD TO ASSURE GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. THESE OBSERVATIONS WILL NOT TAKE THE PLACE OF THE CODE REQUIRED SPECIAL INSPECTIONS LISTED ABOVE OR ANY OTHER INSPECTIONS REQUIRED BY THE LOCAL BUILDING OFFICIAL. NOTIFY ENGINEER OF RECORD AND ARCHITECT FOR STRUCTURAL OBSERVATION VIA EMAIL A MINIMUM OF 72 HOURS PRIOR TO ANY OF THE FOLLOWING EVENTS:
- ALL CONCRETE/GROUT POURS (WITH IDENTIFICATION OF SPECIFIC ELEMENTS TO BE POURED).
- NEAR COMPLETION OF STRUCTURAL STEEL ERECTION.
- PLACEMENT OF ROOFING COVERING ROOF DECK.

FAILURE TO NOTIFY MAY REQUIRE REMOVAL OF COMPLETED WORK.

PROVIDE COMPREHENSIVE ELECTRONICALLY TRANSMITTED PHOTOS OF ANY REQUESTED WORK TO ENGINEER PRIOR TO ANY OF THE ABOVE EVENTS IN LIEU OF OBSERVATION IF DEEMED ACCEPTABLE BY ENGINEER.

B. DESIGN LOADS AND REQUIREMENTS SECTION

(1) FIRST FLOOR DESIGN LOADS
LIVE LOAD ---------- 100 PSF (REDUCIBLE)
LIVE LOAD ---------- 2000 LB (CONCENTRATED)
PARTITION LIVE LOAD ------ 15 PSF (NON-REDUCIBLE)

(2) ROOF DESIGN LOADS
LIVE LOAD ----------20 PSF (REDUCIBLE)
LIVE LOAD ----------300 LB (CONCENTRATED)
GROUND SNOW LOAD ---------- 0 PSF

(3) LATERAL DESIGN - WIND
ASCE 7-16
ULTIMATE DESIGN WIND SPEED (V_{ult})------- 149 MPH
NOMINAL DESIGN WIND SPEED (V_{asd})------- 116 MPH
EXPOSURE CATEGORY ---------- C
RISK CATEGORY ---------- III
INTERNAL PRESSURE COEFFICIENT ---------- +/-0.18
MWFRS - DIRECTIONAL PROCEDURE

(4) LATERAL DESIGN -SEISMIC
ASCE 7-16
IMPORTANCE FACTOR ---------- 1.0
S_s ---------- 0.085g
S_1 ---------- 0.051g
SITE CLASS ---------- D
S_{ds} ---------- 0.143g
S_{d1} ---------- 0.143g
SEISMIC DESIGN CATEGORY------- C
C_s ---------- 0.060
DESIGN BASE SHEAR ---------- 0.060*W
R ---------- 3
EQUIVALENT LATERAL-FORCE ANALYSIS METHOD.
STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE.

C. GEOTECHNICAL

THE FOUNDATION AND SLAB DESIGN WAS BASED ON THE GEOTECHNICAL INVESTIGATION BY LOUISIANA TESTING & INSPECTION DATED OCTOBER 24, 2024. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE GEOTECHNICAL REPORT PRIOR TO BIDDING. A COPY OF THE GEOTECHNICAL REPORT IS AVAILABLE AT THE ARCHITECT'S OFFICE FOR REVIEW.

NET ALLOWABLE SOIL BEARING PRESSURE
ISOLATED SPREAD FOOTINGS ----------1,400 PSF
CONTINUOUS (WALL) FOOTINGS ---------- 1,400 PSF
MINIMUM BEARING DEPTH ---------- 2'-0"
BELOW FINAL GRADE

TESTING AGENCY SHALL INSPECT FOUNDATION SUBGRADE FOR ADEQUACY TO ACHIEVE THE DESIGN BEARING CAPACITY PRIOR TO DRY BOTTOM/FOOTING PLACEMENT. NO PRECIPITATION EVENT SHALL OCCUR IN TIME BETWEEN SUBGRADE APPROVAL AND DRY BOTTOM/FOOTING PLACEMENT.

SOIL FILL MATERIAL USED BELOW STRUCTURAL FOUNDATION ELEMENTS SHALL BE EITHER:
1. A LOW PLASTICITY SILTY OR SANDY CLAY (USCS CLASSIFICATION, CL) OR A CLAYEY SAND (SC), SHALL BE FREE OF ROOTS, CONSTRUCTION DEBRIS, ORGANIC MATTER OR ANY OTHER DELETERIOUS MATERIALS, HAVE A MAXIMUM CLAY LUMP SIZE LESS THAN TWO (2) INCHES AND HAVE A LIQUID LIMIT OF LESS THAN 45 AND A PLASTICITY INDEX VALUE BETWEEN 10 AND 25. IF A FINE-GRAINED SANDY CLAY SOIL IS USED FOR SELECT FILL, CLOSE MOISTURE CONTENT CONTROL WILL BE REQUIRED TO ACHIEVE THE RECOMMENDED DEGREE OF COMPACTION.
2. SAND FILL - A FREE DRAINING SAND FREE OF ROOTS, CONSTRUCTION DEBRIS, ORGANIC MATTER OR ANY OTHER DELETERIOUS MATERIALS IN ACCORDANCE WITH ASTM C33. SAND FILL SHALL HAVE A MAXIMUM PLASTICITY INDEX OF 7 IN ACCORDANCE WITH ASTM D 4318 AND NOT MORE THAN 15% PASSING A NO. 200 SIEVE, IN ACCORDANCE WITH ASTM C 117.

PLACE BACKFILL ON SUBGRADES FREE OF MUD, FROST, SNOW OR ICE.

COMPACT ALL SATISFACTORY SOIL MATERIALS TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST (ASTM D 698). COMPACT EACH LAYER OF SAND FILL TO A MINIMUM RELATIVE DENSITY OF 75 PERCENT AS PER ASTM D4253.

D. CONCRETE AND GROUT

CONCRETE MIXING, HANDLING, PLACING, AND CURING SHALL BE IN ACCORDANCE WITH ACI 301.

SEE THE "CONCRETE MIX REQUIREMENTS" TABLE FOR DESCRIPTIONS AND REQUIREMENTS OF CONCRETE TYPES.

FLY ASH IS NOT PERMITTED IN ANY CONCRETE FOR THIS PROJECT.

SLAG IS NOT PERMITTED IN ANY CONCRETE FOR THIS PROJECT.

ALL GROUT SHALL BE NON-SHRINK GROUT. THERE SHALL BE 2" NON-SHRINK GROUT BENEATH ALL COLUMN BASE PLATES.

ALL FLOOR DRAINS, DROPS, CURBS, ETC. SHALL BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

ALL GRADE BEAMS, AND OTHER CONCRETE FOUNDATION EDGES SHALL BE FULLY PLYWOOD FORMED.

ALL EXPOSED SURFACES OF CONCRETE WALLS, FOUNDATION EDGES, AND SLAB EDGES SHALL BE PLYWOOD FORMED AND COATED WITH A REPAIR MORTAR.

RANDOM TRAFFIC FLOOR FINISH TOLERANCES (F_F AND F_L) FOR SLABS ARE TO MEET SPECIFIED OVERALL FLATNESS OF SOF_F = 35 AND SPECIFIED OVERALL LEVELNESS OF SOF_L = 25 WITH MINIMUM LOCAL VALUES OF MLF_F = 21 AND MLF_L = 15, AS EXPRESSED IN ACI 117, SECTION 4, AND MEASURED WITHIN 72 HOURS IN ACCORDANCE WITH ASTM E 115.

E. CONCRETE REINFORCEMENT

ALL REBARS SHALL BE GRADE 60 (FY = 60,000 PSI MIN.)

HOOK ALL GRADE BEAM TOP BARS AT THE END OF THE GRADE BEAM.

PROVIDE (2)-#6 L BARS (a=36",b=36") ONE TOP AND ONE BOTTOM AT THE OUTSIDE FACE OF ALL GRADE BEAM CORNERS.

PROVIDE (4)-#6 L BARS (a=36",b=36") TWO TOP AND TWO BOTTOM AT ALL GRADE BEAM INTERSECTIONS.

PLACE AND SECURE ALL EMBEDDED ITEMS INCLUDING REINFORCING DOWELS, ANCHOR BOLTS, FORM SAVER DOWELS AND EMBED PLATES PRIOR TO PLACING OF CONCRETE. DO NOT WET STICK ANY OF THESE ITEMS, UNLESS NOTED OTHERWISE HEREIN OR PERMITTED BY ENGINEER OF RECORD IN WRITING. THIS DOES NOT APPLY TO SINGLE-BAR REINFORCEMENT IN DRILLED SHAFTS.

F. STRUCTURAL STEEL

STRUCTURAL STEEL MEMBERS SHALL BE MADE USING THE FOLLOWING GRADES:

WIDE FLANGE SHAPES ----------	ASTM A-992
HSS ----------	ASTM A500, GRADE C
PIPES ----------	ASTM A53, TYPE E OR S
PLATE, BARS, & ANGLES ----------	ASTM A36

ALL STRUCTURAL STEEL SHALL BE FABRICATED, COATED, AND ERECTED AS PER THE AISC SPECIFICATIONS.

ALL WELDS SHALL BE WITH E70XX ELECTRODES AND IN ACCORDANCE WITH AWS STANDARDS. MINIMUM FILLET WELD SIZE SHALL BE 1/4" - U.N.O. FOULING ELEMENTS SUCH AS PAINT, OIL, GREASE, OR OTHER CONTAMINANTS SHALL BE REMOVED AT ALL WELDED CONNECTIONS PRIOR TO WELDING.

ALL FRAMING CONNECTIONS SHALL BE MADE WITH THE MAXIMUM NUMBER OF ROWS OF 3/4" A325-N TENSION CONTROL BOLTS FOR GIVEN BEAM DEPTH. - U.N.O.

ALL TUBULAR STEEL COLUMNS SHALL HAVE 1/2" CAP PLATES - U.N.O.

PROVIDE CONTINUOUS 5/16" THICK BENT PLATE OR ANGLE AROUND PERIMETER OF ALL FLOOR EDGES INCLUDING STAIRS, ELEVATORS, MECH. PENETRATIONS, ETC.

THE CONTRACTOR SHALL ASSURE THAT THE STRUCTURE HAS BEEN ERECTED TRUE AND SUITABLE TEMPORARY BRACING AND GUYS SHALL BE INSTALLED TO MAINTAIN SAID TRUENESS. THE STRUCTURAL STEEL FRAMEWORK SHALL BE BRACED OR GUYED UNTIL FINAL ERECTION IS COMPLETE AND DECKING AND PERMANENT BRACES HAVE BEEN ERECTED.

ALL STRUCTURAL STEEL INDICATED ON PLANS AS GALVANIZED (OR GALV.) SHALL BE HOT-DIP GALVANIZED PER THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS. TOUCH UP ALL BREAKS IN GALVANIZE WITH A ZINC RICH COLD GALVANIZE COMPOUND PER 051200 SPECIFICATIONS.

ARCHITECTURALLY EXPOSED STRUCTURAL STEEL:
AESS = ARCHITECTURALLY EXPOSED STRUCTURAL STEEL. COMPLY WITH SECTION 10 OF 2016 AISC CODE OF STANDARD PRACTICE (ANSI/AISC 303-16).

ALL AESS SHALL BE CATEGORY AESS 1 (MIN.), UNLESS NOTED OTHERWISE.

ALL FABRICATION/MILL MARKS SHALL BE REMOVED OR NOT APPARENT ON AESS.

ALL WELDS SHALL BE UNIFORM AND SMOOTH ON AESS.

G. METAL DECKING

ALL METAL DECK SHALL BE FABRICATED AND ERECTED AS PER THE STEEL DECK INSTITUTE'S STANDARDS AND THE MANUFACTURER'S SPECIFICATIONS.

SEE THE "METAL DECKING REQUIREMENTS" TABLE FOR DESCRIPTION OF METAL DECKING.

PUDDLE WELDS (IF SPECIFIED) THAT BURN THROUGH DECKING ARE NOT ACCEPTABLE, AND SHALL BE REPAIRED.

ALL FLOOR AND ROOF OPENINGS AND OTHER SUCH REQUIREMENTS SHALL BE COORDINATED WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.AT ALL ROOF DECK RIDGES, VALLEYS, OR DECK DIRECTION CHANGES, PROVIDE CONTINUOUS 20 GAGE X 9" WIDE PLATE (WITH 4-1/2" LONG LEGS AT RIDGES AND VALLEYS). FASTEN EACH SIDE OF PLATE TO EACH DECK WITH #12 TEK SCREWS AT 6" O.C.

AT ALL ROOF DECK RIDGES, VALLEYS, OR DECK DIRECTION CHANGES, PROVIDE CONTINUOUS 20 GAGE X 9" WIDE PLATE (WITH 4-1/2" LONG LEGS AT RIDGES AND VALLEYS). FASTEN EACH SIDE OF PLATE TO EACH DECK WITH #12 TEK SCREWS AT 6" O.C.

H. MASONRY

ALL MASONRY WORK SHALL BE DONE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, AND TMS 402|ACI 530 |ASCE 5.

ALL MASONRY WORK SHALL BE INSPECTED AND EVALLUATED IN ACCORDANCE WITH THE REQUIREMENTS OF TMS 402|ACI 530 |ASCE 5 FOR LEVEL A, B, OR C SPECIAL INSPECTION DEPENDING ON THE LATERAL DESIGN RISK CATEGORY LISTED HEREIN. THE CONTRACTOR SHALL PROVIDE REPORTS FROM TESTING AGENCY INDICATING COMPLIANCE WITH THESE REQUIREMENTS.

ALL EXPANSION ANCHORS SHALL BE IN FILLED CELLS ONLY OR IN U-BLOCKS.

PROVIDE CONCRETE MASONRY UNITS PER ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF MASONRY (f'm) = 2000 PSI. USE ONLY TYPE S MORTAR AND LADDER STYLE JOINT REINFORCEMENT.

FOR FILLED CELLS BELOW U-BLOCKS, CELLS SHALL BE FILLED UP TO BOTTOM OF U-BLOCK, PRIOR TO PLACEMENT OF U-BLOCK.

ALL EMBEDDED CONDUITS, PIPES, AND SLEEVES SHALL BE PLACED IN HOLLOW CELLS OF REINFORCED MASONRY. SEE SPECIFICATION 042200 FOR MORE INFORMATION.

J. POST-INSTALLED ANCHORS

IF SPECIFIC POST-INSTALLED ANCHOR IS NOT INDICATED ON DRAWINGS, THEN THE FOLLOWING POST-INSTALLED ANCHORS OR ADHESIVE SHALL BE USED FOR THIS PROJECT UNLESS EQUAL SUBSTITUTIONS ARE SUBMITTED AND APPROVED.

EXPANSION ANCHORS
- STRONG BOLT 2 BY SIMPSON STRONG TIE
- KWIK BOLT-TZ BY HILTI
- DEWALT STUD SD1

CONCRETE OR MASONRY SCREWS
- TITEN TURBO BY SIMPSON STRONG TIE
- DEWALT ULTRACON+
- KWIK-CON II BY HILTI

EPOXY ADHESIVE
- SET-3G BY SIMPSON STRONG TIE
- HIT-RE 500v3 BY HILTI
- DEWALT PURE 220+

HEAVY DUTY SCREW ANCHORS
- TITEN HD BY SIMPSON STRONG-TIE
- KH-EZ BY HILTI
- DEWALT SCREW BOLT+

ALL POST-INSTALLED ANCHORS SHALL BE INSTALLED WITH STRICT ADHERENCE TO THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.

FOR ALL POST INSTALLED ANCHOR APPLICATIONS, HOLES SHALL BE DRILLED WITH A HAMMER DRILL, U.N.O.

ALL DRILLED HOLES FOR ADHESIVE ANCHORS SHALL BE BRUSHED AND BLOWN CLEAN WITH COMPRESSED AIR AS SPECIFIED BY THE MANUFACTURER.

ALL ADHESIVE ANCHORS SHALL BE INSTALLED IN DRY CONCRETE, U.N.O.

DO NOT INSTALL POST-INSTALLED ANCHORS INTO NEW CONCRETE UNTIL DESIGN 28-DAY COMPRESSIVE STRENGTH HAS BEEN ACHIEVED AND IN NO CASE LESS THAN 7 DAYS.

ALL POST-INSTALLED ANCHORS AND ACCESSORIES EXPOSED TO WEATHER SHALL BE HOT-DIP GALVANIZED (OR HAVE APPROVED EQUAL CORROSION RESISTANCE).

K. RENOVATIONS

EXISTING CONDITIONS:
ALL DIMENSIONS AND CONDITIONS TYING INTO OR GOVERNED BY EXISTING CONSTRUCTION ARE APPROXIMATE AND ARE NOT PURPORTED TO BE EXACT. ALL SUCH DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE PREPARATION OF SHOP DRAWINGS. FIRST SUBMITTAL OF SHOP DRAWINGS MUST CONTAIN CORRECT CONDITIONS AND DIMENSIONS OBTAINED FROM THE FIELD. IF CONDITIONS AND DIMENSIONS VARY GREATLY FROM THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE PREPARATION OF SHOP DRAWINGS.

SHORING:
SHORE AND BRACE ALL EXISTING FRAMING AS REQUIRED IN ORDER TO ACCOMPLISH WORK SHOWN ON DRAWINGS. DESIGN OF ALL SHORING SHALL BE PROVIDED BY THE CONTRACTOR. SHORING SHALL BE PROVIDED AT OR IMMEDIATELY ADJACENT TO LOCATION OF EXISTING SUPPORT REMOVAL.

DEMOLITION OF EXISTING CONSTRUCTION:
PRIOR TO THE START OF DEMOLITION OR EXPLORATORY WORK, THE OWNER SHALL EMPLOY AN INDEPENDENT TESTING LABORATORY TO SURVEY THE EXISTING SITE CONDITIONS FOR THE PRESENCE OF HAZARDOUS MATERIALS SUCH AS, BUT NOT LIMITED TO, LEAD-BASED PAINT, ASBESTOS, MOLD, ETC. IF THE TESTS RESULTS ARE POSITIVE FOR ANY HAZARDOUS MATERIALS, THE OWNER SHALL EMPLOY A REMEDIATION FIRM TO REMOVE THE HAZARDOUS MATERIALS IN COMPLIANCE WITH THE GUIDELINES AND REGULATIONS OF LOCAL, STATE, AND FEDERAL GOVERNMENTS BEFORE DEMOLITION OR EXPLORATORY WORK MAY COMMENCE.

DAMAGE TO EXISTING CONSTRUCTION:
ALL WORK SHALL BE DONE IN A MANNER WHICH WILL NOT DAMAGE ADJACENT EXISTING CONSTRUCTION WHICH IS TO REMAIN.

PATCHING MATERIALS AND INSTALLATION:
ALL MATERIALS USED FOR PATCHING SHALL MATCH EXISTING MATERIALS IN APPEARANCE AND QUALITY. WORKMANSHIP SHALL BE IN CONFORMANCE WITH TODAY'S STANDARDS BUT SHALL BE NO LESS IN QUALITY THAN ANY OF THE ADJACENT WORKMANSHIP IN THE AREA BEING PATCHED.

PENETRATIONS IN EXISTING MASONRY/BRICK WALLS:
ALL NEW PENETRATIONS THROUGH EXISTING MASONRY WALLS OR CONCRETE SLAB GREATER THAN 3" AND NOT SHOWN HEREIN THESE DRAWINGS SHALL BE APPROVED BY FOX-NESBIT IN WRITING.

PRICING/BIDDING:
ALL ELEMENTS SHALL BE CONSIDERED NEW FOR PRICING/BIDDING UNLESS SPECIFICALLY IDENTIFIED AS EXISTING.

WELDING IN ENCLOSED SPACES:
WELDING IS TO BE PERFORMED IN ENCLOSED SPACES AND PROXIMITY TO EXISTING MATERIALS. TAKE NECESSARY VENTILATION, FIRE AND SAFETY PRECAUTIONS THAT ARE IN COMPLIANCE WITH THE GUIDELINES AND REGULATIONS OF LOCAL STATE, AND FEDERAL GOVERNMENTS INCLUDING AWS AND OSHA REQUIREMENTS BEFORE WORK MAY COMMENCE.

J. NOTICE

THE USE OF REPRODUCTION OF THESE CONTRACT DRAWINGS BY THE CONTRACTOR, SUB-CONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARED SHOP DRAWINGS SIGNIFIES HIS ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT AND OBLIGATES HIMSELF TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING FROM ANY ERRORS THAT MAY BE PRESENT HEREON.

IN THE EVENT OF CONFLICTING OR DIFFERING REQUIREMENTS INDICATED ON THE STRUCTURAL DRAWINGS AND/OR SPECIFICATIONS THAT HAVE NOT BEEN CLARIFIED OR CHANGED, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY, GREATER QUANTITY, OR MORE STRINGENT UNLESS DIRECTED OTHERWISE BY ARCHITECT/ENGINEER.

THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION, EXCEPT WHERE SPECIFIC REQUIREMENTS ARE PROVIDED. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE AND PERSONNEL DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, EXCAVATION PROTECTION, SCAFFOLDING, JOB SITE SAFETY, ETC. STRUCTURAL ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SEQUENCES OF CONSTRUCTION.

FIELD VERIFICATIONS

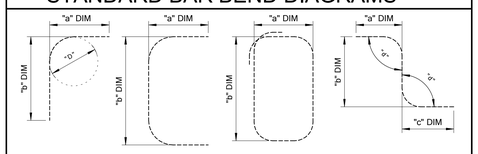
CONTRACTOR TO FIELD MEASURE ALL NEEDED DIMENSIONS PRIOR TO ORDERING MATERIAL.

CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL DETAILS, GEOMETRY, DIMENSIONS, AND ELEVATIONS PRIOR TO ORDERING/FABRICATION OF MATERIALS. CONTACT ARCHITECT AND ENGINEER IMMEDIATELY IF ANY DIMENSIONS, DETAILS, OR ELEVATIONS ARE NOT FOUND TO MATCH THOSE SHOWN ON THE PLANS.

ABBREVIATIONS

@ ----------	AT
A/E ----------	ARCHITECT/ENGINEER
A.F.F. ----------	ABOVE FINISHED FLOOR
ARCH. ----------	ARCHITECTURAL
BF ----------	BRACED FRAME
BM. ----------	BEAM
B.O.C. ----------	BEAM ON COLUMN
B.O.S. ----------	BOTTOM OF STEEL
BOT. ----------	BOTTOM
BTM. ----------	BOTTOM
B/W ----------	BETWEEN
BTWN. ----------	BETWEEN
C.F.M.F. OR CFMF ---	COLD-FORMED METAL FRAMING
C.I.P. ----------	CAST-IN-PLACE
C.G. OR CG ----------	CENTER OF GRAVITY
CJP ----------	COMPLETE JOINT PENETRATION
C.L. OR CL ----------	CENTER LINE
C.O.B. ----------	COLUMN ON BEAM
COL. ----------	COLUMN
CONT. ----------	CONTINUOUS
CONNX. ----------	CONNECTION
EL. ----------	ELEVATION
ELEV. ----------	ELEVATION
ELEC. ----------	ELECTRICAL
E.O.A. ----------	EDGE OF ANGLE
E.O.R. ----------	ENGINEER OF RECORD
E.O.S. ----------	EDGE OF SLAB
EXIST. ----------	EXISTING
F.F. ----------	FINISH FLOOR
FIN. FLR. ----------	FINISH FLOOR
GA. ----------	GAGE
GC ----------	GENERAL CONTRACTOR
GL ----------	GLUE-LAMINATED
GR. BM. ----------	GRADE BEAM
HI ----------	DETAIL APPLIES HIGH
H.S.A. OR HSA -------	HEADED STUD ANCHOR
H.S.A.S.----------	HEADED STUD ANCHORS
HSS ----------	HOLLOW STRUCTURAL SECTION
LO ----------	DETAIL APPLIES LOW
M.B.S.----------	METAL BUILDING SUPPLIER
MECH. ----------	MECHANICAL
MEP----------	MECHANICAL, ELECTRICAL, PLUMBING
O.C. ----------	ON CENTER
O.C.E.W. ----------	ON CENTER EACH WAY
OPP. ----------	OPPOSITE
PEMBS ----------	PRE-ENGINEERED METAL BUILDING SUPPLIER
PL. ----------	PLATE
P.T. ----------	POST TENSION OR POST-TENSIONED
POST-TENS ----------	POST TENSION OR POST-TENSIONED
REINF. ----------	REINFORCEMENT
RTU ----------	ROOF TOP UNIT
SIM. ----------	SIMILAR
STR. ----------	STRENGTH
T.O. ----------	TOP OF
T.O.C. ----------	TOP OF CONCRETE
T.O.J. ----------	TOP OF JOIST
T.O.S. ----------	TOP OF SLAB
U.N.O. ----------	UNLESS NOTED OTHERWISE
V.O.J. ----------	VERIFY ON JOBSITE
W/ ----------	WITH
WF ----------	WIDE FLANGE
WWF ----------	WELDED WIRE FABRIC

STANDARD BAR BEND DIAGRAMS



NOTES:

SEE DETAILS AND KEYNOTES FOR DIMENSIONS OF ALL BARS AND TIES.

WHERE "a" AND "b" DIMENSIONS ARE NOT GIVEN, BASE DIMENSIONS ON CLEAR COVER DIMENSIONS FROM OUTER EDGE OF CONCRETE.

UNLESS NOTED OTHERWISE, ALL BAR BEND DIAMETERS ("D") SHALL BE IN ACCORDANCE WITH LATEST VERSION OF ACI 318.

REBAR LAP SPLICE REQUIREMENTS (MIN.)

LOCATION	BEAMS AND FOUNDATIONS		WALLS AND SLABS	
BAR \ f'c	3000 PSI	4000 PSI	3000 PSI	4000 PSI
#3	22"	19"	16"	16"
#4	29"	25"	17"	16"
#5	36"	31"	26"	22"
#6	36"	36"	36"	36"
#7	42"	42"	42"	42"
#8	42"	42"	42"	42"

GENERAL NOTES:

LAP SPLICE LENGTHS ABOVE APPLY TO ALL REINFORCING BARS FOR THIS PROJECT, UNLESS SPECIFICALLY NOTED OTHERWISE IN THESE PLANS.

LAP SPLICE LENGTHS IN TABLE ABOVE DO NOT PERTAIN TO REINFORCING IN MASONRY CONSTRUCTION. REFER TO GENERAL NOTES FOR SPLICE REQUIREMENTS IN MASONRY CONSTRUCTION.

ALL LAP SPLICES PROVIDED ABOVE ARE FOR NORMAL WEIGHT CONCRETE AND GRADE 60 REINFORCING BARS IN TENSION. SPLICES FOR WALL AND SLAB BARS ARE BASED ON A MINIMUM OF 1" CLEAR COVER.

LAP SPLICES FOR GRADE BEAM TOP BARS SHALL BE PLACED IN THE CENTER OF THE SPAN BETWEEN DRILLED SHAFTS (OR PILES). LAP SPLICES FOR GRADE BEAM BOTTOM BARS SHALL BE PLACED DIRECTLY ABOVE A DRILLED SHAFT (OR PILE).

METAL DECKING REQUIREMENTS

TYPE	DECKING	FASTENER LAYOUT		FASTENER METHOD		REMARKS
		SUPPORT	SIDE LAPS	SUPPORT	SIDE LAPS	
ROOF	1.5B 22 GA.	36/7	4	(1)	(2)	B

(1) #12 TEK SCREWS
(2) #10 TEK SCREWS

A ATTACH DECK TO PERIMETER ANGLES/SUPPORTS AT 6" O.C. MAX.

B ATTACH DECK TO PERIMETER ANGLES/SUPPORTS. AND 6" IN FROM EDGE OF ROOF AT 6" O.C. MAXIMUM. ALSO ATTACH DECK IN 8' x 8' CORNERS OF CANOPY @ 6" O.C. MAXIMUM.

NOTES:

- DO NOT USE WELDING FOR ROOF DECK ATTACHMENT.
- INCREASE SIZE OF SCREWS IF REQUIRED FOR ATTACHMENT TO THICKER STEEL ELEMENTS.

CONCRETE MIX REQUIREMENTS

USAGE	AGGREGATE	MIN. CEMENT (lb/yd³)	SLUMP (inches)	7 DAY STR. (psi)	28 DAY STR. (psi)	WATER REDUCER	REMARKS
DRY BOTTOMS					1500		
SPREAD & MAT FTGS.	(1)	545	7	2700	4000	(A)	
GRADE BEAMS	(1)	545	7	2700	4000	(A)	
PEDESTALS	(1)	545	7	2700	4000	(A)	
ALL OTHERS	(1)	545	7	2700	4000	(A)	

(1) REGULAR SAND AND GRAVEL (145 pcf)

(A) MID-RANGE WATER REDUCER
(B) CONTRACTOR'S OPTION - IF WATER REDUCER IS USED, THEN SLUMP SHALL BE 7".

NOTES:

THE SLUMP IN THE TABLE ABOVE IS GIVEN AT POINT OF PLACEMENT. THE ALLOWABLE TOLERANCE FOR SLUMP IS PLUS OR MINUS ONE INCH FROM THE VALUES GIVEN IN THE TABLE.

CONCRETE NOT MEETING THE SPECIFIED SEVEN DAY STRENGTH SHALL EITHER BE REMOVED OR CONSTRUCTION MUST BE STOPPED IN THE QUESTIONABLE AREA UNTIL THE 28 DAY TEST VALUES HAVE BEEN APPROVED.

SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.

REFERENCE SPECIFICATION SECTION 03 3000- FOR PROPORTIONING AND DESIGN OF MIXES.

CANOPY ROOF COMPONENTS AND CLADDING WIND PRESSURES (PSF) PER IBC 2021

EWA (sf) / ZONE	ZONE 1		ZONE 2		ZONE 3		REMARKS
≤ 9	-42	46	-64	68	-124	91	
>9, ≤36	-42	46	-64	68	-64	68	
> 36	-42	46	-42	46	-42	46	

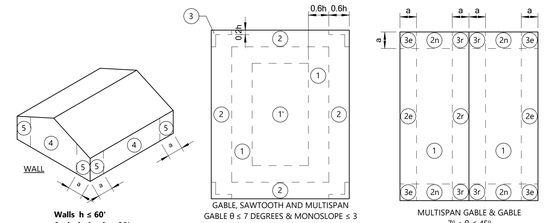
NOTES:

1. EWA IS THE EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT AS DEFINED IN ASCE 7.
2. ZONES SHOWN ARE BASED ON ASCE 7 FIGURES 30.4-1, 30.4-5A AND 30.7-2.
3. PLUS AND MINUS SIGNS INDICATE PRESSURE ACTING TOWARD AND AWAY FROM THE EXTERIOR SURFACES, RESPECTIVELY.
4. COMPONENT AND CLADDING PRESSURES NOT PROVIDED SHALL BE CALCULATED BASED ON LATERAL DESIGN PROVISIONS PROVIDED IN THE GENERAL NOTES.
5. LINEAR INTERPOLATION MAY BE USED TO DETERMINE DESIGN PRESSURES FOR EWA VALUES BETWEEN 9 FT. SQUARED AND 36 FT. SQUARED.
6. DO NOT APPLY LOAD REDUCTION TO OVERHANG ZONES.
7. EDGE WIDTH DIMENSION "a" = 3'-0".
8. PRESSURE VALUES SHOWN ABOVE ARE ULTIMATE (1.0W).

EXISTING BUILDING - COMPONENTS & CLADDING DESIGN WIND PRESSURES (PSF)

ZONE / EWA (SF)	ROOF								WALLS			
	1		1'		2		3		4		5	
≤10	20	-78	20	-45	20	-102	20	-139	45	-48	45	-60
20	19	-72	19	-45	19	-96	19	-126	43	-46	43	-56
50	17	-66	17	-45	17	-87	17	-109	40	-44	40	-50
100	16	-61	16	-45	16	-80	16	-96	38	-42	38	-46
200	16	-56	16	-39	16	-74	16	-83	36	-40	36	-43
≥500	16	-49	16	-30	16	-65	16	-65	34	-37	34	-37

NOTES:
1. EWA IS EFFECTIVE WIND AREA OF A STRUCTURAL COMPONENT.
2. FOR ZONE DEFINITIONS, SEE ASCE 7-16 FIGURES 30.4 – (AS APPLICABLE).
3. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE SURFACE RESPECTIVELY.
4. EDGE WIDTH DIMENSION "a "= 4.8 FT.
5. LINEAR INTERPOLATION MAY BE USED BETWEEN EWA VALUES PROVIDED IN THE ABOVE TABLE.
6. PRESSURES IN THE ABOVE TABLE ARE ULTIMATE LEVEL PRESSURES BASED ON LATERAL DESIGN WIND PARAMETERS IN GENERAL NOTES.



C&C Wind Pressure Zones - ASCE 7-16

N.T.S.

FOX-NESBIT
BATON ROUGE 225:293:6595
NEW ORLEANS www.fox-nesbit.com

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AQ STUDIOS
ARCHITECTURE

KEY PLAN

Construction Documents

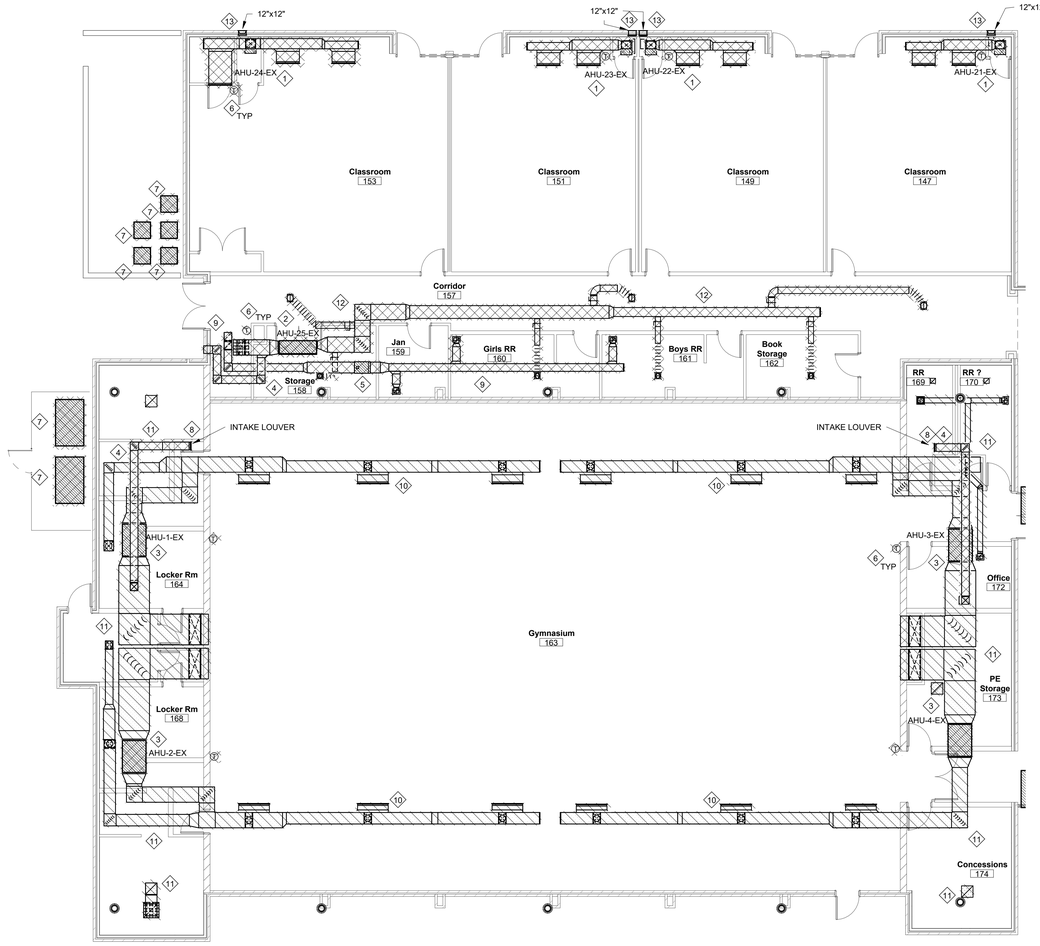
No.	Description	Date

STATE OF LOUISIANA
MATTHEW R. HARMON
License No. 29040
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

GENERAL NOTES AND SCHEDULES



1 MECHANICAL DEMOLITION PLAN - AREA A
1/8" = 1'-0"

GENERAL MECHANICAL DEMO NOTES:

A. RREMOVE EXISTING MECHANICAL SYSTEMS, DEVICES, ACCESSORIES, ETC. AS INDICATED. OWNER SHALL HAVE RIGHT OF FIRST REFUSAL OF REMOVED EQUIPMENT. IF REFUSED BY OWNER - REMOVE FROM SITE & DISPOSE OF LEGALLY.

B. CONTRACTOR SHALL VISIT SITE AND REVIEW ALL DRAWINGS TO DETERMINE SCOPE OF DEMOLITION WORK. COORDINATE ALL WORK WITH AND THROUGH GENERAL CONTRACTOR AND OWNER TO DETERMINE WHEN SERVICES CAN GO OFFLINE.

C. PRIOR TO DISCONNECTING & REMOVING OF ANY MECHANICAL SERVICES IN THE DESIGNATED AREAS SHOWN, THE CONTRACTOR MUST ENSURE THAT THE SERVICES REMOVED DO NOT AFFECT THE NORMAL OPERATION OF AREAS OUTSIDE THE CONSTRUCTION AREA. ALLOWANCE MUST BE MADE FOR ANY RE-ROUTING/TEMPORARY CONNECTIONS AS NECESSARY BEFORE THE ENABLING WORKS COMMENCE.

D. CONTRACTOR SHALL CAP AND SEAL ALL DUCTWORK DURING CONSTRUCTION TO PREVENT CONTAMINATION DUE TO CONSTRUCTION DEBRIS.

E. ALL EQUIPMENT AND DUCTWORK SHOWN IS BASED ON EXISTING DRAWINGS AND SITE OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL DUCT SIZES AND LOCATIONS PRIOR TO FABRICATING DUCTWORK OR ORDERING EQUIPMENT.

F. CONTRACTOR SHALL REMOVE ALL REFRIGERANT PIPING ABOVE GRADE.

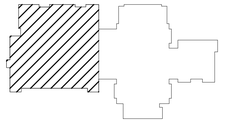
MECHANICAL DEMO KEYNOTES:

1. REMOVE EXISTING AIR HANDLING UNIT IN CLOSET SHOWN HATCHED IN THIS VICINITY. REMOVE ALL ASSOCIATED DUCTWORK, THERMOSTAT, WIRING, PIPING, DIFFUSERS, AIR PURIFIERS, ETC.
2. REMOVE EXISTING AIR HANDLING UNIT ABOVE CEILING SHOWN HATCHED IN THIS VICINITY. AS PART OF BASE BID, ALL ASSOCIATED DUCTWORK, WIRING, PIPING, DIFFUSERS, AIR PURIFIERS, ETC. SHALL REMAIN FOR RECONNECTION TO NEW UNIT. SEE M2.01 FOR CONTINUATION.
3. REMOVE EXISTING AIR HANDLING UNIT IN ROOF ENCLOSURE SHOWN HATCHED IN THIS VICINITY. AS PART OF BASE BID, ALL ASSOCIATED DUCTWORK, WIRING, PIPING, DIFFUSERS, AIR PURIFIERS, ETC. SHALL REMAIN FOR RECONNECTION TO NEW UNIT. SEE M2.01 FOR CONTINUATION.
4. REMOVE EXISTING OUTSIDE AIR DUCTWORK SHOWN HATCHED AND ALL ASSOCIATED DAMPERS, ETC.
5. REMOVE EXISTING EXHAUST FAN ABOVE CEILING SHOWN HATCHED.
6. REMOVE EXISTING THERMOSTAT SHOWN HATCHED AND ALL ASSOCIATED WIRING. (TYPICAL)
7. REMOVE CONDENSING UNIT SHOWN HATCHED AND ALL ASSOCIATED REFRIGERANT PIPING.
8. REMOVE EXISTING OUTSIDE AIR LOUVER SHOWN HATCHED FOR REPLACEMENT.
9. REMOVE EXISTING EXHAUST AIR DUCTWORK SHOWN HATCHED.
10. **ADD ALTERNATE #1:** REMOVE EXISTING DUCTWORK BEHIND WOOD FURRING SHOWN HATCHED IN THIS VICINITY FOR REPLACEMENT.
11. **ADD ALTERNATE #1:** REMOVE EXISTING DUCTWORK ABOVE GYPSUM CEILING SHOWN HATCHED IN THIS VICINITY FOR REPLACEMENT.
12. REMOVE EXISTING DUCTWORK ABOVE ACOUSTIC CEILING TILE SHOWN HATCHED IN THIS VICINITY FOR REPLACEMENT.
13. EXISTING LOUVER TO REMAIN FOR CONNECTION TO NEW DUCTWORK. SEE M2.01 FOR CONTINUATION.

HATCH LEGEND

	BASE BID DEMOLITION
	ADD ALTERNATE #1 DEMOLITION

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS



ADG ENGINEERING
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Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org

Project No. 25004

AQ STUDIOS ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
R. CRAIG CAMPBELL, II
License No. 26360
12/5/25
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

MECHANICAL DEMOLITION PLAN

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	RC3/AR
Checked by	CC

M1.01

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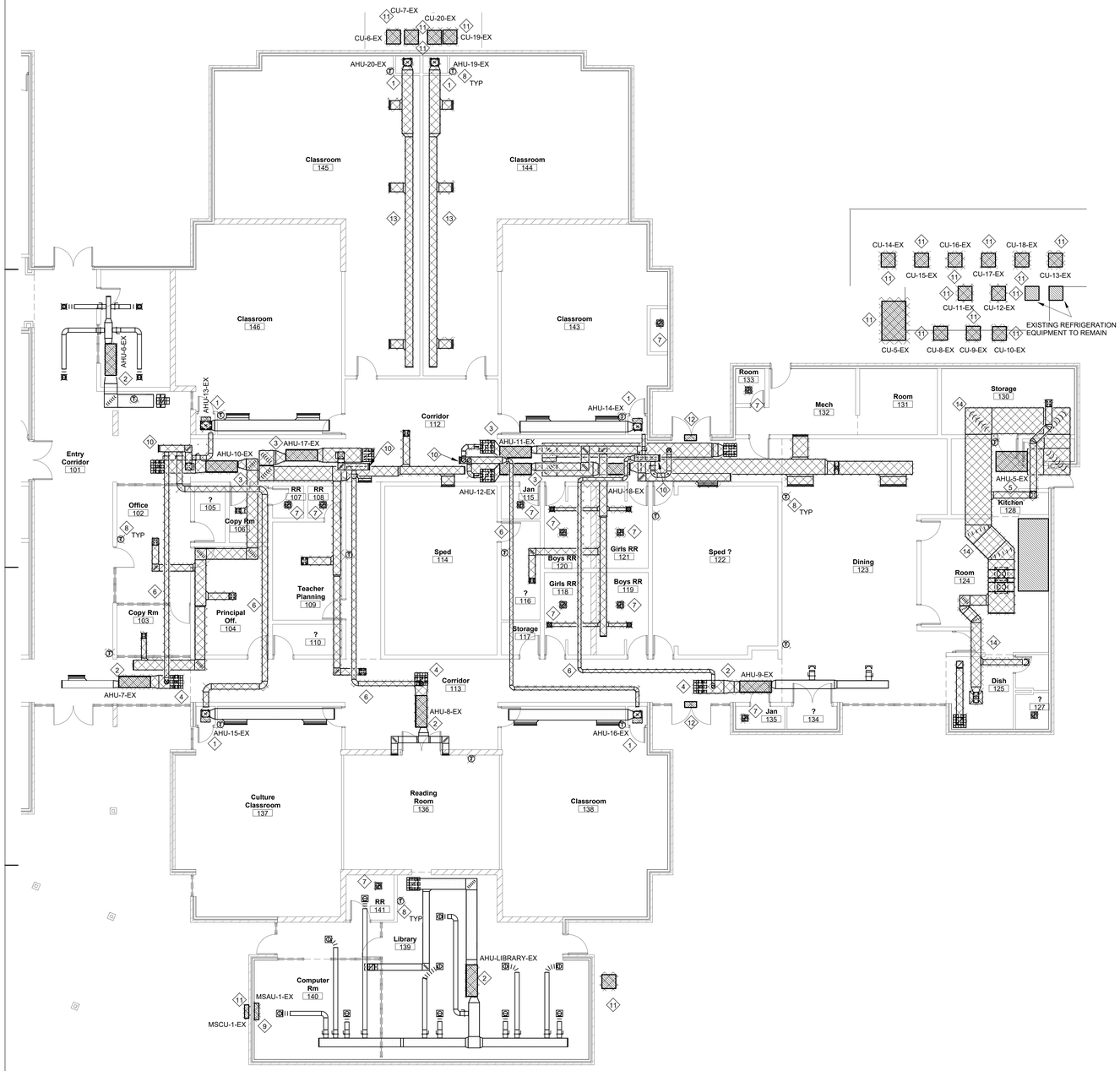


1 MECHANICAL DEMOLITION PLAN - AREA B
1/8" = 1'-0"

GENERAL MECHANICAL DEMO NOTES:

A. REMOVE EXISTING MECHANICAL SYSTEMS, DEVICES, ACCESSORIES, ETC. AS INDICATED. OWNER SHALL HAVE RIGHT OF FIRST REFUSAL OF REMOVED EQUIPMENT. IF REFUSED BY OWNER - REMOVE FROM SITE & DISPOSE OF LEGALLY.

B. CONTRACTOR SHALL VISIT SITE AND REVIEW ALL DRAWINGS TO DETERMINE SCOPE OF DEMOLITION WORK. COORDINATE ALL WORK WITH AND THROUGH GENERAL CONTRACTOR AND OWNER TO DETERMINE WHEN SERVICES CAN GO OFFLINE.

C. PRIOR TO DISCONNECTING & REMOVING OF ANY MECHANICAL SERVICES IN THE DESIGNATED AREAS SHOWN, THE CONTRACTOR MUST ENSURE THAT THE SERVICES REMOVED DO NOT AFFECT THE NORMAL OPERATION OF AREAS OUTSIDE THE CONSTRUCTION AREA. ALLOWANCE MUST BE MADE FOR ANY RE-ROUTING/TEMPORARY CONNECTIONS AS NECESSARY BEFORE THE ENABLING WORKS COMMENCE.

D. CONTRACTOR SHALL CAP AND SEAL ALL DUCTWORK DURING CONSTRUCTION TO PREVENT CONTAMINATION DUE TO CONSTRUCTION DEBRIS.

E. ALL EQUIPMENT AND DUCTWORK SHOWN IS BASED ON EXISTING DRAWINGS AND SITE OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL DUCT SIZES AND LOCATIONS PRIOR TO FABRICATING DUCTWORK OR ORDERING EQUIPMENT.

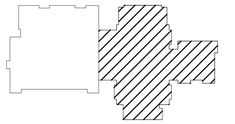
F. CONTRACTOR SHALL REMOVE ALL REFRIGERANT PIPING ABOVE GRADE.

MECHANICAL DEMO KEYNOTES:

1. REMOVE EXISTING AIR HANDLING UNIT IN CLOSET SHOWN HATCHED IN THIS VICINITY.
2. REMOVE EXISTING AIR HANDLING UNIT ABOVE CEILING SHOWN HATCHED IN THIS VICINITY. ASSOCIATED SUPPLY DUCTWORK, PIPING, DIFFUSERS, AIR PURIFIERS, ETC. SHALL REMAIN FOR RECONNECTION TO NEW UNIT. SEE M2.02 FOR CONTINUATION.
3. REMOVE EXISTING AIR HANDLING UNIT ABOVE CEILING SHOWN HATCHED IN THIS VICINITY. REMOVE ALL ASSOCIATED DUCTWORK, THERMOSTAT, PIPING, DIFFUSERS, AIR PURIFIERS, ETC.
4. REMOVE RETURN AIR DUCTWORK ABOVE CEILING SHOWN HATCHED AND ALL ASSOCIATED DAMPERS, GRILLES, ETC.
5. REMOVE EXISTING AIR HANDLING UNIT IN STRUCTURE IN ROOF ENCLOSURE SHOWN HATCHED IN THIS VICINITY. REMOVE ALL ASSOCIATED DUCTWORK, THERMOSTAT, PIPING, DIFFUSERS, AIR PURIFIERS, ETC.
6. REMOVE EXISTING OUTSIDE AIR DUCTWORK SHOWN HATCHED AND ALL ASSOCIATED GRILLES, DAMPERS, ETC.
7. REMOVE EXISTING EXHAUST DUCTWORK ABOVE CEILING SHOWN HATCHED AND ALL ASSOCIATED FANS, GRILLES, DAMPERS, ETC.
8. REMOVE EXISTING THERMOSTAT SHOWN HATCHED AND ASSOCIATED WIRING. (TYPICAL)
9. REMOVE EXISTING MINI SPLIT INDOOR UNIT ON WALL SHOWN HATCHED IN THIS VICINITY. ASSOCIATED PIPING, ELECTRICAL CONNECTIONS, ETC. SHALL REMAIN FOR RECONNECTION TO NEW UNIT. SEE M2.02 FOR CONTINUATION.
10. EXISTING OUTSIDE AIR LOUVER TO BE REMOVED.
11. REMOVE EXISTING CONDENSING UNIT SHOWN HATCHED. ABANDON ALL LINES BELOW GRADE.
12. REMOVE EXISTING EXHAUST FAN IN WALL. REFER TO ARCHITECTURAL DRAWINGS FOR PATCHING REQUIREMENTS.
13. REMOVE EXISTING DUCTWORK BEHIND GYPSUM FURRING SHOWN HATCHED IN THIS VICINITY FOR REPLACEMENT.
14. REMOVE EXISTING DUCTWORK ABOVE GYPSUM CEILING SHOWN HATCHED IN THIS VICINITY FOR REPLACEMENT.

HATCH LEGEND	
	BASE BID DEMOLITION
	ADD ALTERNATE #1 DEMOLITION

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS



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Project No. 25004

AQ STUDIOS ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

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R. CRAIG CAMPBELL II
License No. 29380
12/5/25
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CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

MECHANICAL DEMOLITION PLAN

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	RC3/AR
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M1.02

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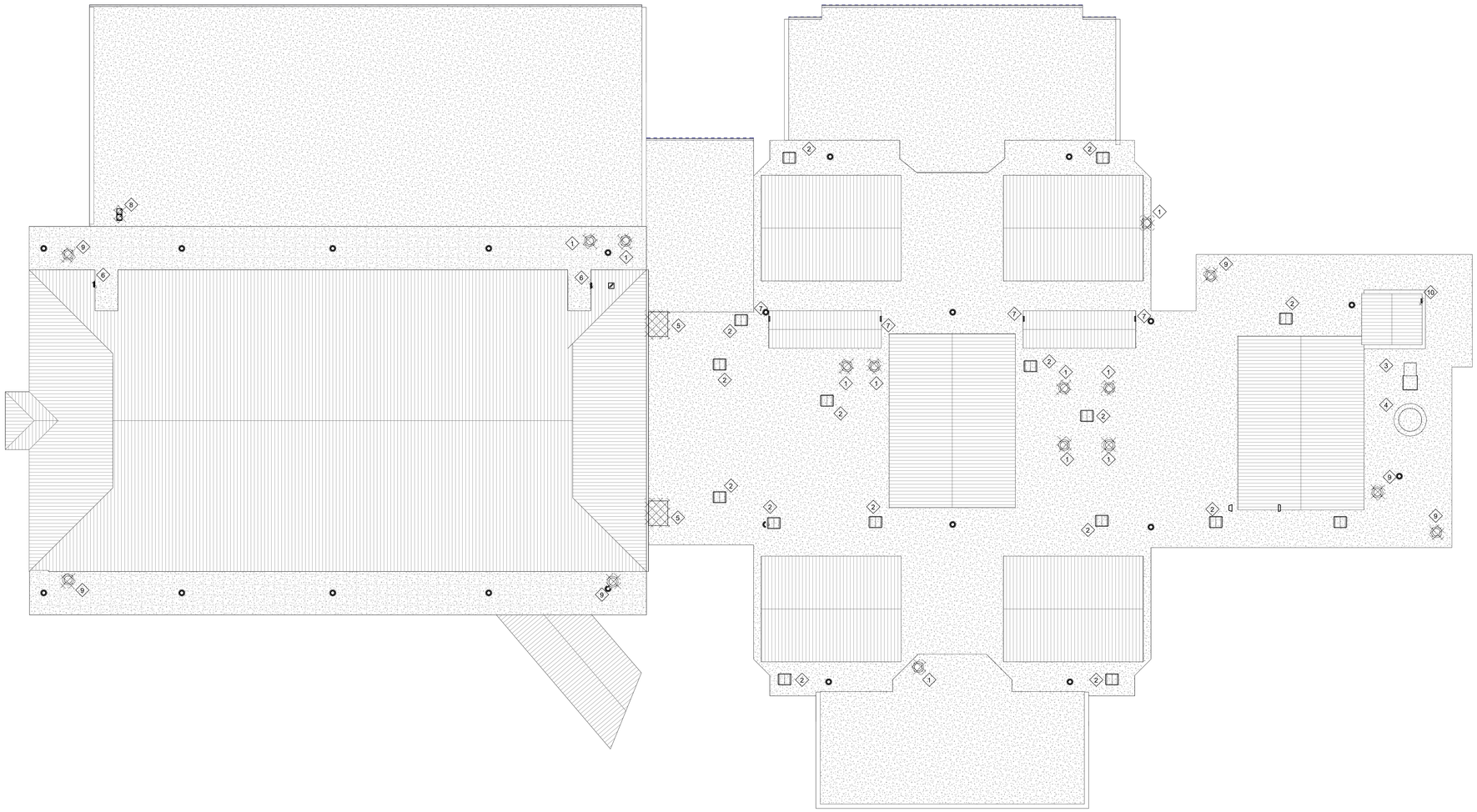


1 MECHANICAL DEMOLITION PLAN - ROOF
1" = 10'-0"

GENERAL MECHANICAL DEMO NOTES:

A. REMOVE EXISTING MECHANICAL SYSTEMS, DEVICES, ACCESSORIES, ETC. AS INDICATED. OWNER SHALL HAVE RIGHT OF FIRST REFUSAL OF REMOVED EQUIPMENT. IF REFUSED BY OWNER - REMOVE FROM SITE & DISPOSE OF LEGALLY.

B. CONTRACTOR SHALL VISIT SITE AND REVIEW ALL DRAWINGS TO DETERMINE SCOPE OF DEMOLITION WORK. COORDINATE ALL WORK WITH AND THROUGH GENERAL CONTRACTOR AND OWNER TO DETERMINE WHEN SERVICES CAN GO OFFLINE.

C. PRIOR TO DISCONNECTING & REMOVING OF ANY MECHANICAL SERVICES IN THE DESIGNATED AREAS SHOWN, THE CONTRACTOR MUST ENSURE THAT THE SERVICES REMOVED DO NOT AFFECT THE NORMAL OPERATION OF AREAS OUTSIDE THE CONSTRUCTION AREA. ALLOWANCE MUST BE MADE FOR ANY RE-ROUTING/TEMPORARY CONNECTIONS AS NECESSARY BEFORE THE ENABLING WORKS COMMENCE.

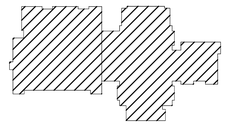
D. CONTRACTOR SHALL CAP AND SEAL ALL DUCTWORK DURING CONSTRUCTION TO PREVENT CONTAMINATION DUE TO CONSTRUCTION DEBRIS.

E. ALL EQUIPMENT AND DUCTWORK SHOWN IS BASED ON EXISTING DRAWINGS AND SITE OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL DUCT SIZES AND LOCATIONS PRIOR TO FABRICATING DUCTWORK OR ORDERING EQUIPMENT.

MECHANICAL DEMO KEYNOTES:

1. REMOVE EXISTING ROOF-MOUNTED EXHAUST FAN SHOWN HATCHED IN THIS VICINITY. PATCH AND SEAL CORRESPONDING ROOF PENETRATION AIR AND WATERTIGHT.
2. EXISTING ATTIC VENTILATION HOOD. REFER TO ARCHITECTURAL DRAWINGS.
3. REBALANCE EXISTING ROOF-MOUNTED MAKEUP AIR FAN TO 4000 CFM.
4. REBALANCE EXISTING ROOF-MOUNTED EXHAUST FAN TO 4300 CFM.
5. REMOVE EXISTING CONDENSING UNIT SHOWN HATCHED ON ROOF IN THIS VICINITY. ALL ASSOCIATED PIPING, WIRING, ETC. SHALL REMAIN FOR RECONNECTION TO NEW UNIT. REMOVE EXISTING FABRICATED STAND. SEE M2.03 FOR CONTINUATION.
6. REMOVE EXISTING OUTSIDE AIR INTAKE LOUVER SHOWN HATCHED IN THIS VICINITY FOR REPLACEMENT.
7. IF BASE BID IS SELECTED, CAP EXISTING LOUVER WITH INSULATED SHEET METAL PANEL. SEAL AIR AND WATERTIGHT. IF ADD ALTERNATE #2 IS TAKEN, REMOVE EXISTING LOUVER WITH REMOVAL OF STRUCTURE.
8. REMOVE EXHAUST AIR GOOSENECK SHOWN HATCHED IN THIS VICINITY.
9. REMOVE EXISTING ROOF-MOUNTED EXHAUST FAN SHOWN HATCHED IN THIS VICINITY. EXISTING ROOF PENETRATION TO REMAIN FOR USAGE IN NEW DESIGN.
10. REMOVE EXISTING OUTSIDE AIR INTAKE LOUVER SHOWN HATCHED IN THIS VICINITY FOR REPLACEMENT. PATCH AND SEAL WALL PENETRATION AIR AND WATER TIGHT.

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS



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Project No. 25004

AQ STUDIOS
ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
R. CRAIG CAMPBELL, II
License No. 29380
12/5/25
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

MECHANICAL DEMOLITION PLAN

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	RC3/AR
Checked by	CC

M1.03

Scale	1" = 10'-0"

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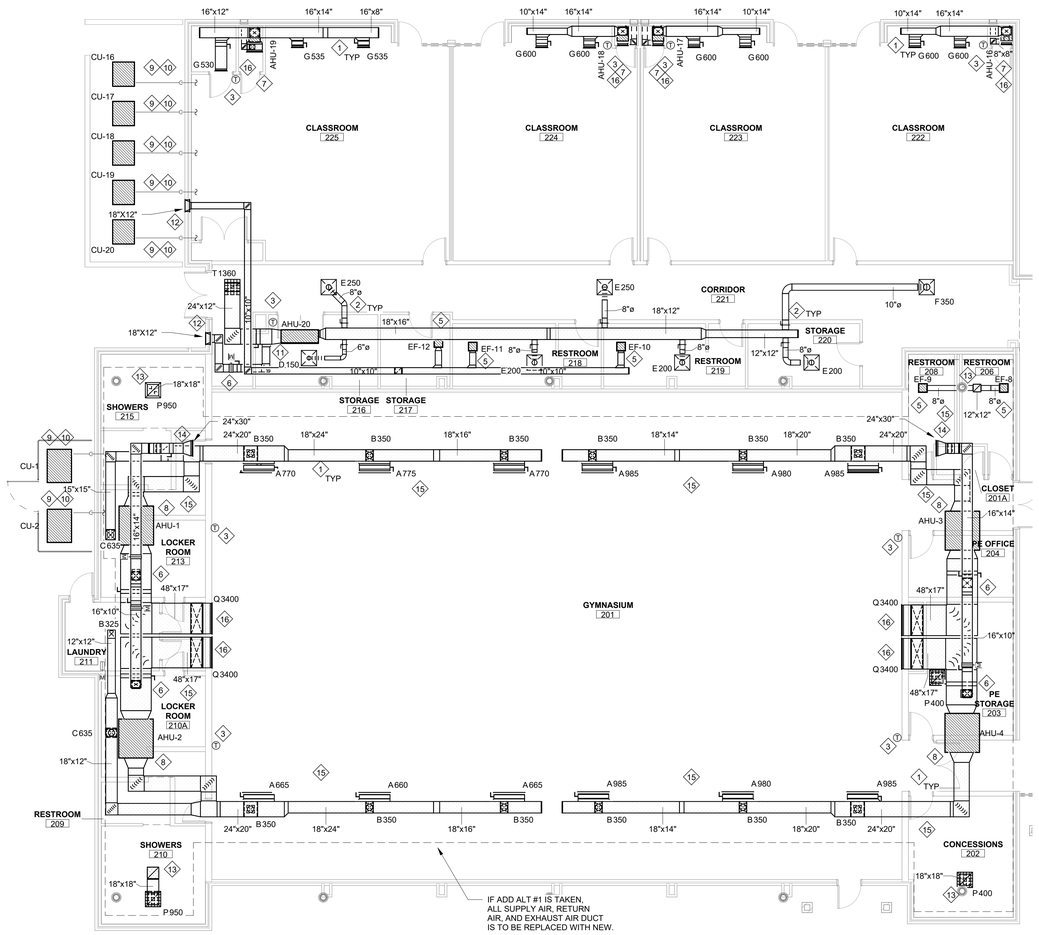
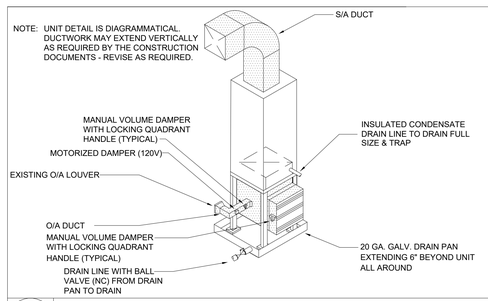
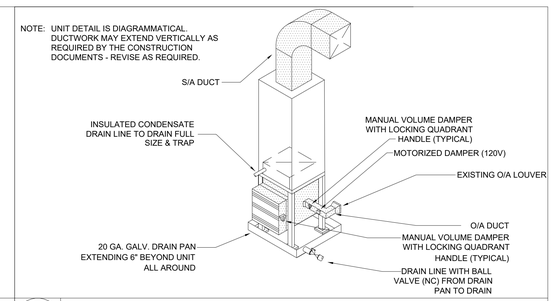


1 MECHANICAL PLAN - AREA A
1/8" = 1'-0"



1 TYPICAL AIR HANDLING UNIT IN CLOSET DIAGRAM
NO SCALE



2 TYPICAL AIR HANDLING UNIT IN CLOSET DIAGRAM
NO SCALE

GENERAL MECHANICAL NOTES:

A. ALL NEW WORK SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL CODES TO THE SATISFACTION OF CODE AUTHORITIES HAVING JURISDICTION.

B. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF SMACNA STANDARDS, NFPA 90A & 101, THE CLEAN AIR ACT AND THE AMERICANS WITH DISABILITIES ACT.

C. COORDINATE ALL CEILING DEVICES, DUCTWORK, ETC. WITH LIGHTING, STRUCTURE, ETC. THROUGH GENERAL CONTRACTOR. REFER TO ALL DRAWINGS, (STRUCTURAL, PLUMBING, ELECTRICAL, ARCHITECTURAL, ETC.). NOTIFY ARCHITECT/ENGINEER CONCERNING ANY CONFLICTS NOTED PRIOR TO BIDS FOR CLARIFICATION TO THE SATISFACTION OF THE BIDDER. REFER TO SPECIFICATIONS FOR REQUIREMENTS. REFER TO LATEST ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE ALL CEILING DEVICE LOCATIONS WITH CEILING GRID.

D. ALL METAL SUPPLY, RETURN, EXHAUST, AND FRESH AIR DUCTWORK SHALL BE EXTERNALLY INSULATED UNLESS OTHERWISE NOTED. DUCT SIZES SHOWN ARE CLEAR METAL TO METAL. WRAP DUCTWORK EXTERNALLY.

E. HARDCAST ALL NEW DUCTWORK JOINTS FOR AIRTIGHT SYSTEM. REFER TO DETAILS FOR DUCTWORK TAP, SPLITTER, BRANCH CONFIGURATION, ETC. INSTALL IN ACCORDANCE WITH SMACNA RECOMMENDATIONS AND INSTALLATION GUIDELINES.

F. VERIFY ALL OUTSIDE AIR INTAKES ARE A MINIMUM OF TEN (10'-0") FEET FROM EXHAUST OUTLETS, SEWER VENTS, ETC.

G. MECHANICAL CONTRACTOR SHALL COORDINATE THROUGH GENERAL CONTRACTOR TO PROVIDE OPENINGS FOR DUCTWORK IN WALLS, NEW AND EXISTING, THAT EXTEND FULL HEIGHT ABOVE LAY-IN CEILINGS.

H. CONTRACTOR SHALL SEAL ALL PIPING AND DUCT PENETRATIONS THROUGH WALLS AND FLOORS AS PER THE RATED UL DESIGNATION'S REQUIREMENTS. REFER TO ARCHITECTURAL PLANS FOR ALL UL RATINGS.

I. PROVIDE ACCESS PANELS (PER SPECIFICATIONS) AS NEEDED FOR ACCESS TO ALL NEW FIRE DAMPERS, MANUAL DAMPERS, AND MOTORIZED DAMPERS. COORDINATE FINAL LOCATION/SIZE WITH ENGINEER/OWNER.

J. CONTRACTOR SHALL CAP AND SEAL ALL DUCTWORK DURING CONSTRUCTION TO PREVENT CONTAMINATION DUE TO CONSTRUCTION DEBRIS.

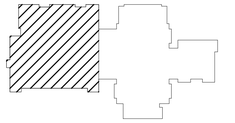
K. ALL DAMPERS, ACCESS PANELS, ETC. SHALL BE INSTALLED FOR MAXIMUM ACCESSIBILITY.

L. CONTRACTOR SHALL SCOPE AND CLEAN ALL EXISTING CONDENSATE DRAIN LINES PRIOR TO RECONNECTION TO NEW EQUIPMENT.

MECHANICAL KEYNOTES:

1. RUN MAIN TRUNK LINES APPROXIMATELY AS SHOWN. COORDINATE EXACT LOCATION WITH STRUCTURE, PIPING, CONDUIT, DEVICES ABOVE CEILING, ETC. MAKE ALL REQUIRED OFFSETS, TRANSITIONS, ETC. (MAINTAIN EQUIVALENT DUCT FREE AREA IN TRANSITIONS). CONTRACTOR SHALL FIELD MEASURE/VERIFY SPACING TO RUN DUCT PRIOR TO FABRICATION OR INSTALLATION OF ANY DUCTWORK. RUN DUCTWORK TO MINIMIZE OFFSETS, CHANGES IN ELEVATION, TRANSITIONS, ETC. COORDINATE WITH OTHER TRADES. (TYPICAL)
2. PROVIDE MANUAL DAMPER AT DUCT TAP SPIN FITTING AND BALANCE TO CFM INDICATED AT GRILLE. DUCT TAPS SHALL BE A MINIMUM OF 12" FROM END OF SUPPLY AIR DUCT. (TYPICAL)
3. INSTALL NEW 7 DAY PROGRAMMABLE THERMOSTAT AND CONTROL WIRING WHERE INDICATED. LABEL THERMOSTAT TO INDICATE AIR HANDLING UNIT SERVED.
4. INSTALL MANUAL VOLUME DAMPER IN ACCESSIBLE LOCATION WHERE INDICATED. (TYPICAL)
5. INSTALL NEW CEILING MOUNTED EXHAUST FAN WITH BACKDRAFT DAMPER IN THIS VICINITY. OCCUPANCY SENSOR (CEILING MOUNTED) SHALL ACTIVATE EXHAUST FAN WITH 15 MINUTE TIMER. MECHANICAL CONTRACTOR SHALL PROVIDE SENSOR & TIMER AND ELECTRICAL CONTRACTOR SHALL INSTALL SENSOR & TIMER.
6. PROVIDE A 120/1/60 ELECTRIC MOTORIZED DAMPER (INSULATED) IN OUTSIDE AIR DUCT IN THIS VICINITY. INTERLOCK MOTORIZED DAMPER TO RESPECTIVE AIR HANDLING UNIT TO OPEN WHEN UNIT IS ON AND CLOSE WHEN UNIT IS OFF. PROVIDE ALL RELAYS, WIRING, ETC. REQUIRED FOR PROPER OPERATION. INSTALL MOTORIZED DAMPER IN AN ACCESSIBLE LOCATION.
7. INSTALL AIR HANDLING UNIT ON PAINTED ANGLE IRON STAND IN EMERGENCY DRAIN PAN IN CLOSET WHERE SHOWN. EMERGENCY DRAIN PAN SHALL EXTEND 4" ALL AROUND PERIMETER OF ALL UNITS. PROVIDE FLOAT SWITCH IN EMERGENCY DRAIN PAN AND INTERLOCK WITH AHU FAN MOTOR. SEE DETAILS ON M2.01 FOR GENERAL DUCT ROUTING. CONNECT OUTSIDE AIR DUCT TO EXISTING EXTERNAL LOUVER ON WALL IN CLOSET. PROVIDE A 120/1/60 ELECTRIC MOTORIZED DAMPER (INSULATED) IN OUTSIDE AIR DUCT IN ACCESSIBLE LOCATION IN CLOSET. INTERLOCK MOTORIZED DAMPER TO RESPECTIVE AIR HANDLING UNIT TO OPEN WHEN UNIT IS ON AND CLOSE WHEN UNIT IS OFF. PROVIDE ALL RELAYS, WIRING, ETC. REQUIRED FOR PROPER OPERATION. INSTALL MANUAL VOLUME DAMPER IN OUTSIDE AIR DUCT IN ACCESSIBLE LOCATION IN CLOSET. EXTEND NEW INSULATED COPPER CONDENSATE DRAIN LINE FROM NEW UNIT TO EXISTING DRAIN. WRAP EXISTING PVC DRAIN LINE WITH 3M FIRE WRAP.
8. INSTALL AIR HANDLING UNIT ON PAINTED ANGLE IRON STAND IN EMERGENCY DRAIN PAN IN ROOF ENCLOSURE WHERE SHOWN. EMERGENCY DRAIN PAN SHALL EXTEND 4" ALL AROUND PERIMETER OF ALL UNITS WITH A 3/4" INSULATED COPPER EMERGENCY DRAIN LINE TO FLOOR DRAIN AND TERMINATE DOWN WITH 2" AIR GAP. PROVIDE FLOAT SWITCH IN EMERGENCY DRAIN PAN AND INTERLOCK WITH AHU FAN MOTOR.
9. INSTALL CONDENSING UNIT IN THIS VICINITY ON EXISTING CONCRETE PAD. PROVIDE ALL REFRIGERANT ACCESSORIES AND ITEMS REQUIRED FOR PROPER INSTALLATION. ROUTE NEW REFRIGERANT PIPING FROM NEW CONDENSING UNIT TO NEW AHU. FOLLOW EXISTING ROUTING. COORDINATE LINE SIZE WITH EQUIPMENT MANUFACTURER. REMOVE AND REINSTALL EXISTING SHEET METAL ENCLOSURES AROUND REFRIGERANT PIPING. (TYPICAL)
10. REFRIGERANT LINES SHALL BE GOVERNMENT TYPE "L" HARD COPPER. ALL REFRIGERANT LINES (INDOORS & OUTDOORS) SHALL BE INSULATED WITH 3/4" CLOSED CELL, TUBE INSULATION, AEROTUBE, ARMAFLEX OR EQUIVALENT. ALL EXTERIOR REFRIGERANT PIPING SHALL BE COVERED WITH ALUMINUM EMBOSSED VENTURECLAD.
11. AIR HANDLING UNIT IN AN EMERGENCY DRAIN PAN SUSPENDED FROM STRUCTURE IN THIS VICINITY. EMERGENCY DRAIN PAN SHALL EXTEND 4" ALL AROUND PERIMETER OF UNIT WITH A 3/4" INSULATED EMERGENCY DRAIN PIPE WITH BALL VALVE (NC). EXTEND INSULATED COPPER CONDENSATE DRAIN LINE TO NEAREST HUB DRAIN AND TERMINATE DOWN WITH 2" AIR GAP. PROVIDE FLOAT SWITCH IN EMERGENCY DRAIN PAN AND INTERLOCK WITH AHU FAN MOTOR.
12. INSTALL LOUVER (GREENHECK EME220DD OR APPROVED EQUIVALENT) ON EXTERIOR WALL. LOUVER TO BE INSTALLED BELOW EXISTING EXTERIOR SOFFIT. COORDINATE LOUVER LOCATION WITH ARCHITECT.
13. INSTALL NEW EXHAUST AIR DUCT AT SIZE INDICATED UP TO ROOF. SEE M2.03 FOR CONTINUATION.
14. INSTALL NEW OUTSIDE AIR LOUVER (RUSKIN EME520DD OR APPROVED EQUAL) AT SIZE INDICATED IN WALL ON ROOF AS SHOWN. REFER TO M2.03.
15. IF BASE BID IS TAKEN, REBALANCE ALL EXISTING GRILLES TO CFM INDICATED. IF ADD ALTERNATE #1 IS TAKEN, ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK IN THIS AREA SHALL BE REPLACED WITH NEW AT SIZES INDICATED AS DRAWN.
16. RETURN DUCTWORK IN THIS AREA SHALL BE INTERNALLY INSULATED.

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS



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Project No. 25004

AQ STUDIOS
ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
R. CRAIG CAMPBELL, II
License No. 23795
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

MECHANICAL PLAN

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	RC3/AR
Checked by	CC

M2.01

Scale 1/8" = 1'-0"

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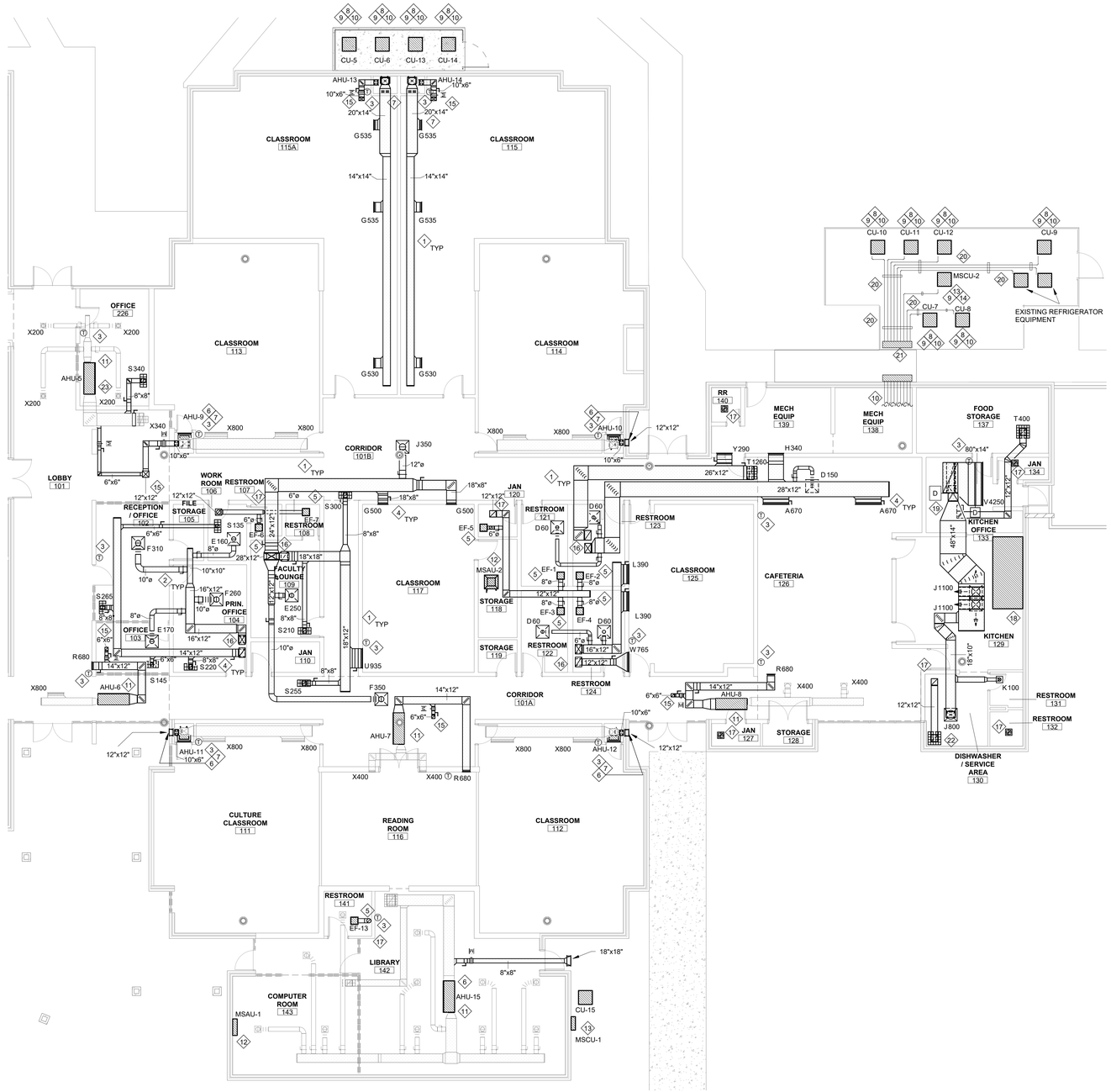
CU-5
CU-6
CU-13
CU-14
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AHU-14
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CLASSROOM 113
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AHU-6
AHU-11
AHU-7
AHU-8
AHU-12
MSAU-2
MSAU-1
AHU-15
CU-15
MSCU-1
EF-13
R680
X800
X400
G530
G535
S340
X340
X200
J350
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S135
E160
F310
S265
E170
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E250
S210
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1 MECHANICAL PLAN - ROOF
1" = 10'-0"

GENERAL MECHANICAL NOTES:

A. ALL NEW WORK SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL CODES TO THE SATISFACTION OF CODE AUTHORITIES HAVING JURISDICTION.

B. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF SMACNA STANDARDS, NFPA 90A & 101, THE CLEAN AIR ACT AND THE AMERICANS WITH DISABILITIES ACT.

C. COORDINATE ALL CEILING DEVICES, DUCTWORK, ETC. WITH LIGHTING, STRUCTURE, ETC. THROUGH GENERAL CONTRACTOR. REFER TO ALL DRAWINGS, (STRUCTURAL, PLUMBING, ELECTRICAL, ARCHITECTURAL, ETC.), NOTIFY ARCHITECT/ENGINEER CONCERNING ANY CONFLICTS NOTED PRIOR TO BIDS FOR CLARIFICATION TO THE SATISFACTION OF THE BIDDER. REFER TO SPECIFICATIONS FOR REQUIREMENTS. REFER TO LATEST ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE ALL CEILING DEVICE LOCATIONS WITH CEILING GRID.

D. ALL METAL SUPPLY, RETURN, EXHAUST, AND FRESH AIR DUCTWORK SHALL BE EXTERNALLY INSULATED UNLESS OTHERWISE NOTED. DUCT SIZES SHOWN ARE CLEAR METAL TO METAL. WRAP DUCTWORK EXTERNALLY.

E. HARDCAST ALL NEW DUCTWORK JOINTS FOR AIRTIGHT SYSTEM. REFER TO DETAILS FOR DUCTWORK TAP, SPLITTER, BRANCH CONFIGURATION, ETC. INSTALL IN ACCORDANCE WITH SMACNA RECOMMENDATIONS AND INSTALLATION GUIDELINES.

F. VERIFY ALL OUTSIDE AIR INTAKES ARE A MINIMUM OF TEN (10'-0") FEET FROM EXHAUST OUTLETS, SEWER VENTS, ETC.

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H. CONTRACTOR SHALL SEAL ALL PIPING AND DUCT PENETRATIONS THROUGH WALLS AND FLOORS AS PER THE RATED UL DESIGNATION'S REQUIREMENTS. REFER TO ARCHITECTURAL PLANS FOR ALL UL RATINGS.

I. PROVIDE ACCESS PANELS (PER SPECIFICATIONS) AS NEEDED FOR ACCESS TO ALL NEW FIRE DAMPERS, MANUAL DAMPERS, AND MOTORIZED DAMPERS. COORDINATE FINAL LOCATION/SIZE WITH ENGINEER/OWNER.

J. CONTRACTOR SHALL CAP AND SEAL ALL DUCTWORK DURING CONSTRUCTION TO PREVENT CONTAMINATION DUE TO CONSTRUCTION DEBRIS.

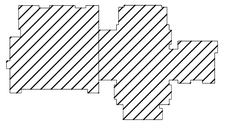
K. ALL DAMPERS, ACCESS PANELS, ETC. SHALL BE INSTALLED FOR MAXIMUM ACCESSIBILITY.

L. CONTRACTOR SHALL SCOPE AND CLEAN ALL EXISTING CONDENSATE DRAIN LINES PRIOR TO RECONNECTION TO NEW EQUIPMENT.

MECHANICAL KEYNOTES:

1. INSTALL NEW CONSTANT VOLUME PACKAGED ROOF TOP UNIT WITH BOTTOM DISCHARGE WHERE INDICATED ON A FACTORY SUPPLIED 18" ROOF CURB. COORDINATE HEIGHT OF CURB (18" FROM FOOR DECK) WITH GENERAL CONTRACTOR PRIOR TO BID AND RESPECTIVE ROUGH-IN. COORDINATE WITH ROOFING CONTRACTOR FOR THE INSTALLATION OF THE NEW ROOF CURB. COORDINATE EXACT LOCATION WITH STRUCTURAL FRAMING PLAN. ENSURE EQUIPMENT MOUNTING COMPLIES WITH 140 MPH WIND RATING.
2. INSTALL 24"x24" COOK MODEL GI GRAVITY INTAKE VENTILATOR APPROXIMATELY WHERE SHOWN.
3. INSTALL 24"x24" COOK MODEL GR EXHAUST HOOD ON ROOF CURB IN THIS VICINITY. COORDINATE WITH GENERAL CONTRACTOR PRIOR TO ORDERING.
4. MECHANICAL CONTRACTOR SHALL INSTALL ROOF MOUNTED EXHAUST FAN ON INSULATED ROOF CURB WITH NEW ROOF PENETRATION. PROVIDE HURRICANE STRAP TO SECURE FAN TO CURB.
5. INSTALL CONDENSING UNIT IN THIS VICINITY ON ROOF SLEEPERS WHERE SHOWN. COORDINATE WITH ARCHITECTURAL/STRUCTURAL DETAILS FOR EXACT LOCATION.
6. REFRIGERANT LINES SHALL BE GOVERNMENT TYPE "L" HARD COPPER. ALL REFRIGERANT LINES (INDOORS & OUTDOORS) SHALL BE INSULATED WITH 3/4" CLOSED CELL, TUBE INSULATION, AEROTUBE, ARMAFLEX OR EQUIVALENT. ALL EXTERIOR REFRIGERANT PIPING SHALL BE COVERED WITH ALUMINUM EMBOSSED VENTURECLAD.
7. MECHANICAL CONTRACTOR SHALL INSTALL ROOF MOUNTED EXHAUST FAN ON INSULATED ROOF CURB USING EXISTING ROOF PENETRATION. PROVIDE HURRICANE STRAP TO SECURE FAN TO CURB.
8. NEW LOUVER IN WALL ON ROOF. SEE M2.01.

REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS



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KEY PLAN

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No.	Description	Date

STATE OF LOUISIANA
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License No. 39380
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CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

MECHANICAL PLAN

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	RC3/AR
Checked by	CC

M2.03

Scale 1" = 10'-0"

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AIR HANDLER UNIT (DIRECT EXPANSION)

NEW UNIT		FAN					COOLING								HEATING									
NO.	SERVICE	MIN CFM	CFM FA	EXT SP.	FAN FLA	ELECTRIC SERVICE	MIN B.T.U.H OUTPUT	EVAP TEMP (°F)	AMB TEMP. (° F)	ENT. TEMP.		LEAV. TEMP		HEAT PUMP BTUH OUTPUT @ 17F	MIN. BTUH OUTPUT	K.W. ELEC. STRIP		ELEC. STRIP. INFO.		NO. STAGES	ENT AIR (°F)	LEAV AIR (°F)	ELECTRICAL SERVICE	REMARKS	NOTES
										D.B. °F	W.B. °F	D.B. °F	W.B. °F			MIN.	MAX.	MCA	MOCP						
AHU-1	201 GYMNASIUM	4,000	600	0.5	3.3	480/3/60	120,000	40.0	95.0	75.1	62.8	55.0	54.0	70,420	51,078	14.97	-	27.0	30.0	1	63.3	90.9	480/3/60	TRANE TWE120K4BAA**BC OR APPROVED EQUIVALENT	1,2,3,4
AHU-2	201 GYMNASIUM	4,000	600	0.5	3.3	480/3/60	120,000	40.0	95.0	75.1	62.8	55.0	54.0	70,420	51,078	14.97	-	27.0	30.0	1	63.3	90.9	480/3/60	TRANE TWE120K4BAA**BC OR APPROVED EQUIVALENT	1,2,3,4
AHU-3	201 GYMNASIUM	4,000	600	0.5	3.3	480/3/60	120,000	40.0	95.0	75.1	62.8	55.0	54.0	70,420	51,078	14.97	-	27.0	30.0	1	63.3	90.9	480/3/60	TRANE TWE120K4BAA**BC OR APPROVED EQUIVALENT	1,2,3,4
AHU-4	201 GYMNASIUM	4,000	600	0.5	3.3	480/3/60	120,000	40.0	95.0	75.1	62.8	55.0	54.0	70,420	51,078	14.97	-	27.0	30.0	1	63.3	90.9	480/3/60	TRANE TWE120K4BAA**BC OR APPROVED EQUIVALENT	1,2,3,4
AHU-5	226 OFFICE	800	120	0.5	3.9	208/1/60	24,000	40.0	95.0	75.1	62.8	55.0	54.0	15,300	9,827	2.88	-	22.0	25.0	1	63.3	91.9	208/1/60	TRANE 5AMXC03AV31D OR APPROVED EQUIVALENT	1,2,4
AHU-6	101 LOBBY	1,200	180	0.5	4.3	208/1/60	36,000	40.0	95.0	75.1	62.8	55.0	54.0	21,200	12,283	3.6	-	27.0	30.0	1	63.3	88.7	208/1/60	TRANE 5TAMXD04AV31D OR APPROVED EQUIVALENT	1,2,4
AHU-7	116 READING ROOM	800	120	0.5	3.9	208/1/60	24,000	40.0	95.0	75.1	62.8	55.0	54.0	15,300	9,827	2.88	-	22.0	25.0	1	63.3	91.9	208/1/60	TRANE 5AMXC03AV31D OR APPROVED EQUIVALENT	1,2,4
AHU-8	126 CAFETERIA	800	120	0.5	3.9	208/1/60	24,000	40.0	95.0	75.1	62.8	55.0	54.0	15,300	9,827	2.88	-	22.0	25.0	1	63.3	91.9	208/1/60	TRANE 5AMXC03AV31D OR APPROVED EQUIVALENT	1,2,4
AHU-9	113 CLASSROOM	1,600	240	0.5	6.8	208/1/60	48,000	40.0	95.0	75.1	62.8	55.0	54.0	29,000	16,378	4.8	-	11.5	15.0	1	63.3	89.1	480/3/60	TRANE 5TEM6D06AV41 OR APPROVED EQUIVALENT	1,2,3,4,5
AHU-10	114 CLASSROOM	1,600	240	0.5	6.8	208/1/60	48,000	40.0	95.0	75.1	62.8	55.0	54.0	29,000	16,378	4.8	-	11.5	15.0	1	63.3	89.1	480/3/60	TRANE 5TEM6D06AV41 OR APPROVED EQUIVALENT	1,2,3,4,5
AHU-11	111 CULTURE CLASSROOM	1,600	240	0.5	6.8	208/1/60	48,000	40.0	95.0	75.1	62.8	55.0	54.0	29,000	16,378	4.8	-	11.5	15.0	1	63.3	89.1	480/3/60	TRANE 5TEM6D06AV41 OR APPROVED EQUIVALENT	1,2,3,4,5
AHU-12	112 CLASSROOM	1,600	240	0.5	6.8	208/1/60	48,000	40.0	95.0	75.1	62.8	55.0	54.0	29,000	16,378	4.8	-	11.5	15.0	1	63.3	89.1	480/3/60	TRANE 5TEM6D06AV41 OR APPROVED EQUIVALENT	1,2,3,4,5
AHU-13	115A CLASSROOM	1,600	240	0.5	6.8	208/1/60	48,000	40.0	95.0	75.1	62.8	55.0	54.0	29,400	19,687	5.77	-	42.0	45.0	1	63.3	91.2	208/1/60	TRANE 5TAMXD06AV41D OR APPROVED EQUIVALENT	1,2,4
AHU-14	115 CLASSROOM	1,600	240	0.5	6.8	208/1/60	48,000	40.0	95.0	75.1	62.8	55.0	54.0	29,400	19,687	5.77	-	42.0	45.0	1	63.3	91.2	208/1/60	TRANE 5TAMXD06AV41D OR APPROVED EQUIVALENT	1,2,4
AHU-15	142 LIBRARY	1,950	300	0.5	6.9	208/1/60	60,000	40.0	95.0	75.1	62.8	55.0	54.0	48,605	16,378	4.8	-	9.1	15.0	1	63.3	93.6	480/3/60	TRANE 5TAMXD07AV41 OR APPROVED EQUIVALENT	1,2,3,4,5
AHU-16	222 CLASSROOM	1,200	180	0.5	4.3	208/1/60	36,000	40.0	95.0	75.1	62.8	55.0	54.0	21,200	16,378	4.8	-	9.9	15.0	1	63.3	91.8	480/3/60	TRANE 5TEM6D05AV41 OR APPROVED EQUIVALENT	1,2,3,4,5
AHU-17	223 CLASSROOM	1,200	180	0.5	4.3	208/1/60	36,000	40.0	95.0	75.1	62.8	55.0	54.0	21,200	12,283	3.6	-	27.0	30.0	1	63.3	88.7	208/1/60	TRANE 5TAMXD04AV31D OR APPROVED EQUIVALENT	1,2,4
AHU-18	224 CLASSROOM	1,200	180	0.5	4.3	208/1/60	36,000	40.0	95.0	75.1	62.8	55.0	54.0	21,200	12,283	3.6	-	27.0	30.0	1	63.3	88.7	208/1/60	TRANE 5TAMXD04AV31D OR APPROVED EQUIVALENT	1,2,4
AHU-19	225 CLASSROOM	1,600	240	0.5	6.8	208/1/60	48,000	40.0	95.0	75.1	62.8	55.0	54.0	29,400	19,687	5.77	-	42.0	45.0	1	63.3	91.2	208/1/60	TRANE 5TAMXD06AV41D OR APPROVED EQUIVALENT	1,2,4
AHU-20	216 STORAGE	1,600	240	0.5	6.8	208/1/60	48,000	40.0	95.0	75.1	62.8	55.0	54.0	29,400	16,378	4.8	-	11.5	15.0	1	63.3	89.3	480/3/60	TRANE 5TEM6D06AV41 OR APPROVED EQUIVALENT	1,2,3,4,5

NOTES:

1) AIR HANDLING UNIT SHALL BE MAIN INTERNALLY FUSED AND WIRED FOR SINGLE POINT CONNECTION.
2) UNIT SHALL BE 2-STAGED.
3) PROVIDE A IMC450 PROGRAMABLE THREE PHASE VOLTAGE MONITOR WITH 25 FAULT MEMORY ON ALL EQUIPMENT REQUIRING THREE PHASE ELECTRICAL.
4) PROVIDE AND INSTALL NEEDLEPOINT BIPOLAR IONIZATION MODULE MEETING UL 2998. MODULE SHALL BE PLASMA AIR, GPS, OR APPROVED EQUAL.
5) PROVIDE AND INSTALL WARREN TECHNOLOGY MODEL WGM 480/3/60 HEATER WITH AUTOFORMER FOR SINGLE POINT CONNECTION.

AIR COOLED CONDENSING UNIT SCHEDULE

UNIT NO	SERVICE	BTUH COOLING OUTPUT	EVAP TEMP	AMBIENT TEMP	MCA/MOCP	NEW ELECTRIC SERVICE	REMARKS	NOTES
CU-1	AHU-1	120,000	40.0	95.0	21/25	480/3/60	TRANE TWA120K4DAA**BS01 OR APPROVED EQUIVALENT	1,2
CU-2	AHU-2	120,000	40.0	95.0	21/25	480/3/60	TRANE TWA120K4DAA**BS01 OR APPROVED EQUIVALENT	1,2
CU-3	AHU-3	120,000	40.0	95.0	21/25	480/3/60	TRANE TWA120K4DAA**BS01 OR APPROVED EQUIVALENT	1,2
CU-4	AHU-4	120,000	40.0	95.0	21/25	480/3/60	TRANE TWA120K4DAA**BS01 OR APPROVED EQUIVALENT	1,2
CU-5	AHU-5	24,000	40.0	95.0	19/30	208/1/60	TRANE 5TWR7024A OR APPROVED EQUIVALENT	2
CU-6	AHU-6	36,000	40.0	95.0	29/40	208/1/60	TRANE 5TWR7036A OR APPROVED EQUIVALENT	2
CU-7	AHU-7	24,000	40.0	95.0	19/30	208/1/60	TRANE 5TWR7024A OR APPROVED EQUIVALENT	2
CU-8	AHU-8	24,000	40.0	95.0	19/30	208/1/60	TRANE 5TWR7024A OR APPROVED EQUIVALENT	2
CU-9	AHU-9	48,000	40.0	95.0	36/50	208/1/60	TRANE 5TWR7048A1 OR APPROVED EQUIVALENT	2
CU-10	AHU-10	48,000	40.0	95.0	36/50	208/1/60	TRANE 5TWR7048A1 OR APPROVED EQUIVALENT	2
CU-11	AHU-11	48,000	40.0	95.0	36/50	208/1/60	TRANE 5TWR7048A1 OR APPROVED EQUIVALENT	2
CU-12	AHU-12	48,000	40.0	95.0	36/50	208/1/60	TRANE 5TWR7048A1 OR APPROVED EQUIVALENT	2
CU-13	AHU-13	48,000	40.0	95.0	36/50	208/1/60	TRANE 5TWR7048A OR APPROVED EQUIVALENT	2
CU-14	AHU-14	48,000	40.0	95.0	36/50	208/1/60	TRANE 5TWR7048A OR APPROVED EQUIVALENT	2
CU-15	AHU-15	60,000	40.0	95.0	43/60	208/1/60	TRANE 5TWR7060A1 OR APPROVED EQUIVALENT	2
CU-16	AHU-16	36,000	40.0	95.0	29/40	208/1/60	TRANE 5TWR7036A1 OR APPROVED EQUIVALENT	2
CU-17	AHU-17	36,000	40.0	95.0	29/40	208/1/60	TRANE 5TWR7036A OR APPROVED EQUIVALENT	2
CU-18	AHU-18	36,000	40.0	95.0	29/40	208/1/60	TRANE 5TWR7036A OR APPROVED EQUIVALENT	2
CU-19	AHU-19	48,000	40.0	95.0	36/50	208/1/60	TRANE 5TWR7048A OR APPROVED EQUIVALENT	2
CU-20	AHU-20	48,000	40.0	95.0	36/50	208/1/60	TRANE 5TWR7048A1 OR APPROVED EQUIVALENT	2

NOTES:

1) PROVIDE A IMC450A PLUS+ PROGRAMMABLE THREE PHASE VOLTAGE MONITOR WITH 25 FAULT MEMORY ON ALL EQUIPMENT REQUIRING THREE PHASE ELECTRICAL.
2) UNIT SHALL BE 2-STAGED, HEAT PUMP.

GRILLE SCHEDULE

LABEL	SIZE	SERVICE	LOCATION	FINISH	REMARKS	NOTES
A	48"X6"	SUPPLY	DUCT	BY ARCH.	TITUS MODEL 272FL WITH O.B.D. OR APPROVED EQUIVALENT	
B	12"X12"	SUPPLY	DUCT	BY ARCH.	TITUS MODEL 272FL OR APPROVED EQUIVALENT	
C	15"X15"	SUPPLY	CEILING	BY ARCH.	TITUS MODEL TDC-AA OR APPROVED EQUIVALENT	
D	24"X24"	SUPPLY	CEILING	BY ARCH.	LAY-IN, TITUS MODEL TMS-AA, 3-CONE, W/6" NECK, PRICE, OR APPROVED EQUIVALENT	
E	24"X24"	SUPPLY	CEILING	BY ARCH.	LAY-IN, TITUS MODEL TMS-AA, 3-CONE, W/8" NECK, PRICE, OR APPROVED EQUIVALENT	
F	24"X24"	SUPPLY	CEILING	BY ARCH.	LAY-IN, TITUS MODEL TMS-AA, 3-CONE, W/10" NECK, PRICE, OR APPROVED EQUIVALENT	
G	18"X12"	SUPPLY	WALL	BY ARCH.	TITUS MODEL 272FL WITH O.B.D. OR APPROVED EQUIVALENT	
H	28"X4"	SUPPLY	WALL	BY ARCH.	TITUS MODEL 272FL OR APPROVED EQUIVALENT	
J	24"X24"	SUPPLY	CEILING	BY ARCH.	TITUS MODEL TDC-AA OR APPROVED EQUIVALENT	
K	12"X12"	SUPPLY	CEILING	BY ARCH.	TITUS MODEL TDC-AA OR APPROVED EQUIVALENT	
L	36"X6"	SUPPLY	CEILING	BY ARCH.	TITUS MODEL 272FL OR APPROVED EQUIVALENT	
N	12"X12"	EXHAUST	CEILING	BY ARCH.	TITUS MODEL 50F OR APPROVED EQUIVALENT	
O	18"X18"	EXHAUST	CEILING	BY ARCH.	TITUS MODEL 50F OR APPROVED EQUIVALENT	
P	24"X24"	EXHAUST	CEILING	BY ARCH.	TITUS MODEL 50F OR APPROVED EQUIVALENT	
Q	48"X30"	RETURN	WALL	BY ARCH.	TITUS MODEL 272FL OR APPROVED EQUIVALENT	
R	14"X12"	RETURN	WALL	BY ARCH.	TITUS MODEL 272FL OR APPROVED EQUIVALENT	
S	12"X24"	RETURN	CEILING	BY ARCH.	TITUS MODEL 50F OR APPROVED EQUIVALENT	
T	24"X24"	RETURN	CEILING	BY ARCH.	TITUS MODEL 50F OR APPROVED EQUIVALENT	
U	24"X24"	RETURN	DUCT	BY ARCH.	TITUS MODEL 272FL OR APPROVED EQUIVALENT	
V	80"X14"	RETURN	DUCT	BY ARCH.	TITUS MODEL 272FL OR APPROVED EQUIVALENT	
W	36"X6"	RETURN	WALL	BY ARCH.	TITUS MODEL 272FL OR APPROVED EQUIVALENT	
Y	28"X4"	RETURN	WALL	BY ARCH.	TITUS MODEL 272FL OR APPROVED EQUIVALENT	
X	-	-	-	-	EXISTING GRILLE TO REMAIN	-

NOTES:

1) SHEET METAL CONTRACTOR TO PROVIDE SHEET METAL CEILING BOX FOR ATTACHMENT OF RECTANGULAR/ROUND DUCTWORK TO AIR REGISTER.
2) TOPS OF ALL DIFFUSERS SHALL BE INSULATED. REFER TO DETAIL
3) ALL SUPPLY DIFFUSERS SHALL BE 4-WAY PATTERN UNLESS SHOWN OTHERWISE ON PLANS, REFER TO DETAIL

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Project No. 25004

AQ STUDIOS
ARCHITECTURE

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
R. CRAIG CAMPBELL II
License No. 37380
12/5/25
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

MECHANICAL SCHEDULES

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PACKAGED UNIT SCHEDULE

UNIT						FAN					HEATING							HOT GAS REHEAT	HEAT PUMP HEATING	ELECTRIC HEATING					REMARKS	NOTES
NO.	SERVICE	SEER2	MCA	MOCP	ELEC. SERVICE	MIN CFM	CFM FA	EXT SP.	FAN HP	ELECTRIC SERVICE	TOTAL CAPACITY BTUH	EVAP TEMP (°F)	AMB TEMP. (° F)	ENT. TEMP.		LEAV. TEMP		HGRH BTUH OUTPUT	HEAT PUMP BTUH OUTPUT @ 17F	MIN BTUH OUTPUT	K.W. ELEC STRIP	ENT AIR (° F)	LEAV AIR (° F)	ELEC. SERVICE		
														D.B. °F	W.B. °F	D.B. °F	W.B. °F									
RTU-1	104 PRIN. OFFICE	16.2	22	25	480/3/60	900	135	0.5	3.0	480/3/60	36,000	40.0	95.0	75.0	62.6	55.0	54.0	N/A	19,300	20,472	6	63.3	103.5	480/3/60	TRANE WHK036A4S0B**B OR APPROVED EQUIVALENT	1, 2, 3, 4, 5
RTU-2	117 CLASSROOM	15.8	25	30	480/3/60	1,950	300	0.5	3.0	480/3/60	60,000	40.0	95.0	75.0	62.6	55.0	54.0	N/A	33,010	20,472	6	63.3	88.2	480/3/60	TRANE WHK060A4S0B**B OR APPROVED EQUIVALENT	1, 2, 3, 4, 5
RTU-3	126 CAFETERIA	15.8	25	30	480/3/60	1,950	300	0.5	3.0	480/3/60	60,000	40.0	95.0	75.0	62.6	55.0	54.0	N/A	33,010	20,472	6	63.3	88.2	480/3/60	TRANE WHK060A4S0B**B OR APPROVED EQUIVALENT	1, 2, 3, 4, 5
RTU-4	125 CLASSROOM	16.2	22	25	480/3/60	900	135	0.5	3.0	480/3/60	36,000	40.0	95.0	75.0	62.6	55.0	54.0	N/A	19,300	20,472	6	63.3	103.5	480/3/60	TRANE WHK036A4S0B**B OR APPROVED EQUIVALENT	1, 2, 3, 4, 5
RTU-5	129 KITCHEN	--	67	70	480/3/60	3,750	750	0.5	2.9	480/3/60	132,960	40.0	95.0	75.0	62.6	55.0	54.0	26,560	75,760	61,416	18	63.3	103.0	480/3/60	TRANE WSK150A4S0G**B0000000A OR APPROVED EQUIVALENT	1, 2, 3, 4, 5

NOTES:
1) AIR HANDLING UNIT SHALL BE MAIN INTERNALLY FUSED AND WIRED FOR SINGLE POINT CONNECTION.
2) AIR HANDLING UNIT SHALL BE PROVIDED WITH INTEGRAL DISCONNECT.
3) PROVIDE A IMC450 PROGRAMABLE THREE PHASE VOLTAGE MONITOR WITH 25 FAULT MEMORY ON ALL EQUIPMENT REQUIRING THREE PHASE ELECTRICAL.
4) PROVIDE AND INSTALL PLASMA PA-6000 IONIZATION UNIT IN UNIT
5) PROVIDE FACTORY POWERED 120V CONVENIENCE OUTLET ON ALL ROOFTOP UNITS.

MINI-SPLIT SYSTEM

UNIT		FAN			COOLING							HEATING	REMARKS	NOTES
NO.	SERVICE	MIN CFM	MCA/MFS	ELECTRIC SERVICE	MIN CAPACITY	EVAP TEMP (°F)	AMB TEMP. (° F)	ENT. TEMP.		LEAV. TEMP		RATED CAPACITY		
								D.B. °F	W.B. °F	D.B. °F	W.B. °F			
MSAU-1	143 COMPUTER ROOM	700	POWERED BY OUTDOOR	208/1/60	22,500	40.0	95.0	80.0	67.0	55.0	54.0	26,000	MITSUBISHI MODEL MSZ-HM24NA-U1 OR APPROVED EQUIVALENT	1, 2, 3
MSAU-2	118 STORAGE	930	POWERED BY OUTDOOR	208/1/60	30,600	40.0	95.0	80.0	67.0	55.0	54.0	32,600	MITSUBISHI MODEL MSZ-GS30NA2-U1 OR APPROVED EQUIVALENT	1, 2, 3

NOTES:
1) AIR HANDLING UNIT SHALL BE MAIN INTERNALLY FUSED AND WIRED FOR SINGLE POINT CONNECTION.
2) AIR HANDLING UNIT SHALL BE PROVIDED WITH INTEGRAL DISCONNECT.
3) PROVIDE AND INSTALL PLASMA PA-6000 IONIZATION UNIT IN UNIT

MINI-SPLIT SYSTEM CONDENSING UNIT

UNIT NO	SERVICE	BTUH COOLING OUTPUT	EVAP TEMP	AMBIENT TEMP	MCA	MOCP	ELECTRIC SERVICE	MIN. S.E.E.R.	REMARKS	NOTES
MSCU-1	MSAU-1	22,500	40.0	95.0	14.0	15.0	208/1/60	18.0	MITSUBISHI MODEL MUZ-HM24NA-U2 OR APPROVED EQUIVALENT	1
MSCU-2	MSAU-2	30,600	40.0	95.0	22.0	25.0	208/1/60	19.1	MITSUBISHI MUZ-GS30NA2-U1 OR APPROVED EQUIVALENT	1

NOTES:
1) UNIT SHALL BE PROVIDED WITH LOW AMBIENT CONTROLS.

FAN SCHEDULE

NO.	SERVICE	MINIMUM CFM	EXTERNAL S.P.	RPM	FAN HP	SONES	TYPE	DRIVE	ELECTRICAL SERVICE	CONTROL	REMARKS	NOTES
EF-1	121 RESTROOM	210	0.25	1,189	0.043	2.0	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-422 OR APPROVED EQUIVALENT	1, 2
EF-2	123 RESTROOM	140	0.25	1,320	0.063	2.0	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-322 OR APPROVED EQUIVALENT	1, 2
EF-3	122 RESTROOM	140	0.25	1,320	0.063	2.0	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-322 OR APPROVED EQUIVALENT	1, 2
EF-4	124 RESTROOM	210	0.25	1,189	0.043	2.0	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-422 OR APPROVED EQUIVALENT	1, 2
EF-5	120 JAN	30	0.25	550	0.04	0.7	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-126 OR APPROVED EQUIVALENT	1, 2
EF-6	107 RESTROOM	70	0.25	900	0.04	1.5	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-146 OR APPROVED EQUIVALENT	1, 2
EF-7	108 RESTROOM	70	0.25	900	0.04	1.5	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-146 OR APPROVED EQUIVALENT	1, 2
EF-8	206 RESTROOM	210	0.25	1,189	0.043	2.0	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-422 OR APPROVED EQUIVALENT	1, 2
EF-9	208 RESTROOM	140	0.25	1,320	0.063	2.0	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-322 OR APPROVED EQUIVALENT	1, 2
EF-10	219 RESTROOM	140	0.25	1,320	0.063	2.0	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-322 OR APPROVED EQUIVALENT	1, 2
EF-11	218 RESTROOM	140	0.25	1,320	0.063	2.0	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-322 OR APPROVED EQUIVALENT	1, 2
EF-12	217 STORAGE	100	0.25	1,483	0.04	1.5	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-242 OR APPROVED EQUIVALENT	1, 2
EF-13	141 RESTROOM	70	0.25	900	0.04	1.5	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-146 OR APPROVED EQUIVALENT	1, 2
EF-14	215 SHOWERS	855	0.25	994	0.084	5.2	ROOF	BELT	120/1/60	OCC. SENSOR	COOK MODEL 120 ACEB OR APPROVED EQUIVALENT	2, 3
EF-15	210 SHOWERS	855	0.25	994	0.084	5.2	ROOF	BELT	120/1/60	OCC. SENSOR	COOK MODEL 120 ACEB OR APPROVED EQUIVALENT	2, 3
EF-16	203 PE STORAGE	400	0.25	1,031	0.039	4.1	ROOF	BELT	120/1/60	OCC. SENSOR	COOK MODEL 100 ACEB OR APPROVED EQUIVALENT	2, 3
EF-17	202 CONCESSIONS	400	0.25	1,031	0.039	4.1	ROOF	BELT	120/1/60	OCC. SENSOR	COOK MODEL 100 ACEB OR APPROVED EQUIVALENT	2, 3
EF-18	127 JAN	40	0.25	550	0.04	0.6	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-126 OR APPROVED EQUIVALENT	1, 2
EF-19	140 RR	70	0.25	900	0.04	1.5	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-146 OR APPROVED EQUIVALENT	1, 2
EF-20	134 JAN	40	0.25	550	0.04	0.6	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-126 OR APPROVED EQUIVALENT	1, 2
EF-21	130 DISHWASHER	600	0.25	1,311	0.08	7	ROOF	BELT	120/1/60	OCC. SENSOR	COOK MODEL 100 ACRUB OR APPROVED EQUIVALENT	2, 3
EF-22	132 RESTROOM	70	0.25	900	0.04	1.5	CEILING	DIRECT	120/1/60	OCC. SENSOR	COOK MODEL GC-146 OR APPROVED EQUIVALENT	1, 2
EF-23	129 KITCHEN	4300	-	-	-	-	-	-	-	-	REBALANCE EXISTING FAN TO CFM INDICATED	-
MUA-1	129 KITCHEN	4000	-	-	-	-	-	-	-	-	REBALANCE EXISTING FAN TO CFM INDICATED	-

NOTES:
1) FAN SHALL HAVE W.B.E. GRILLE, BACKDRAFT DAMPER, S.S.S.C. AND MOUNTING BRACKETS.
2) MECHANICAL CONTRACTOR SHALL PROVIDE OCCUPANCY SENSOR WITH A 15 MIN TIMER. OCCUPANCY SENSOR SHALL BE INSTALLED BY ELECTRICAL CONTRACTOR
3) FAN SHALL HAVE FAN MOUNTED SPEED CONTROLLER, 16" INSULATED ROOF CURB, AND BACKDRAFT DAMPER.

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Project No. 25004

AQ STUDIOS ARCHITECTURE

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
R. CRAIG CAMPBELL II
License No. 39380
12/5/25
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

MECHANICAL SCHEDULES

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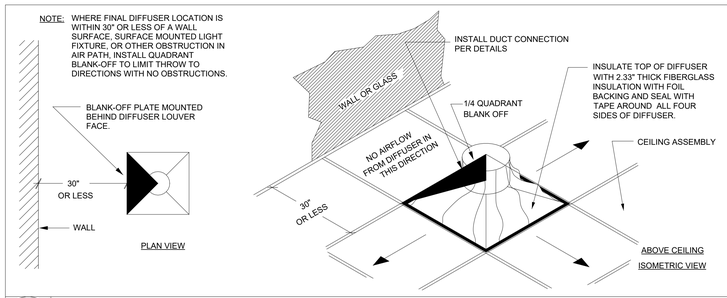
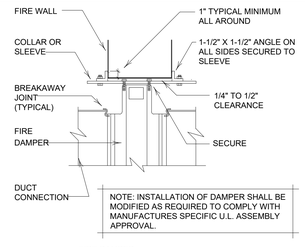
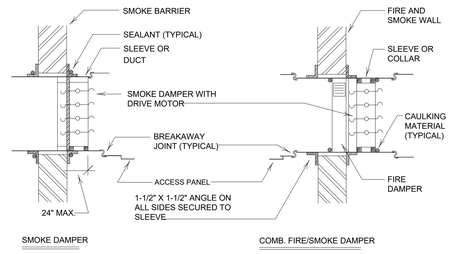


1 DIFFUSER THROW CONTROL DETAIL

NO SCALE

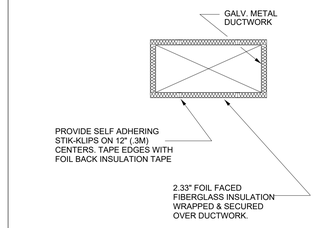
(TYPICAL ALL OBSTRUCTION AREAS)





2 DAMPER INSTALLATION DETAIL

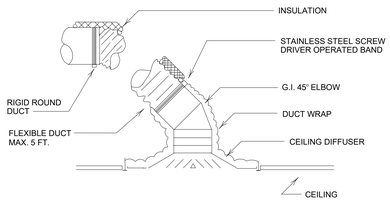
NO SCALE



3 EXTERNAL DUCT INSULATION DETAIL

NO SCALE

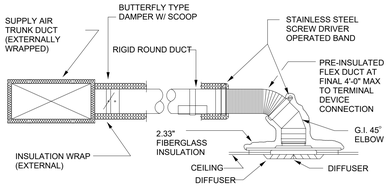
NOTE:
THE USE OF FLEX DUCTWORK IS NOT ALLOWED IN AREAS WITH EXPOSED DUCTWORK/NO CEILINGS.



4 SUPPLY AIR OUTLET DETAIL

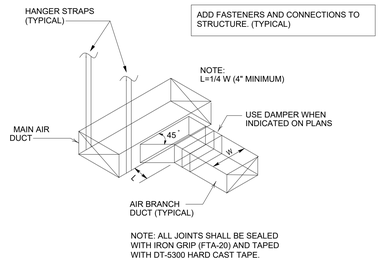
NO SCALE

NOTE:
THE USE OF FLEX DUCTWORK IS NOT ALLOWED IN AREAS WITH EXPOSED DUCTWORK/NO CEILINGS.



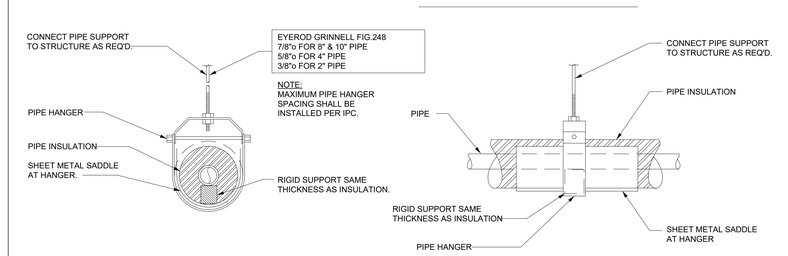
5 DIFFUSER / DUCT INSTALLATION DETAIL

NO SCALE



6 AIR DUCT CONNECTION DETAIL

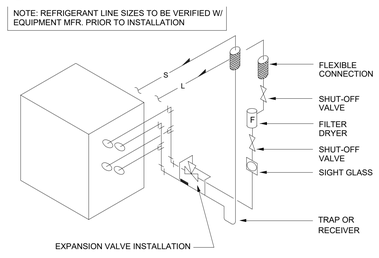
NO SCALE



7 INSULATED PIPE HANGER DETAIL

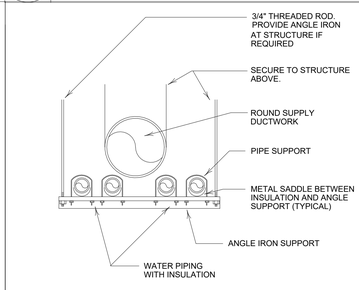
NO SCALE

NOTE: REFRIGERANT LINE SIZES TO BE VERIFIED W/ EQUIPMENT MFR. PRIOR TO INSTALLATION



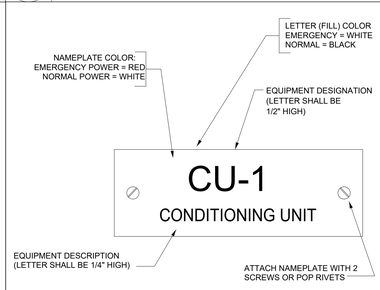
8 TYPICAL REFRIGERANT SCHEME

NO SCALE



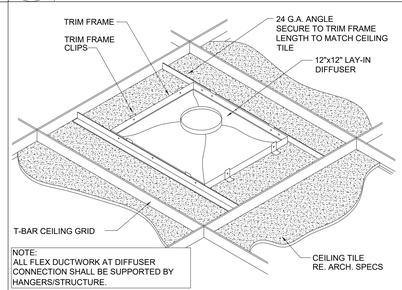
9 PIPE & DUCTWORK SUPPORT DETAIL

NO SCALE



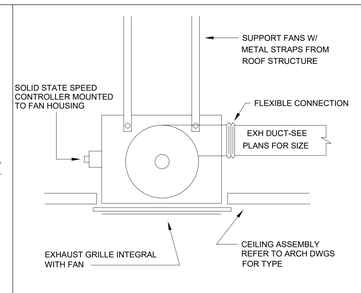
10 PLASTIC LAMINATE NAME PLATE DETAIL

NO SCALE



11 TRIM FRAME INSTALLATION DETAIL

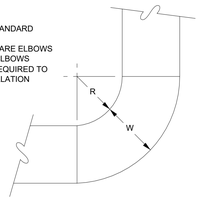
NO SCALE

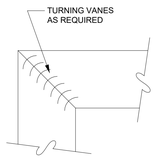


12 CEILING MOUNTED EXHAUST FAN DETAIL

NO SCALE

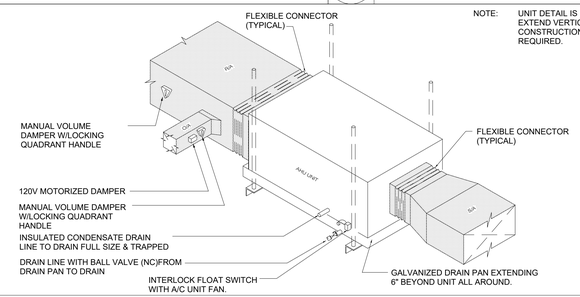
NOTE:
*RADIUS ELBOWS STANDARD
*R=W STANDARD
RECTANGULAR, SQUARE ELBOWS OR R=1.5W RADIUS ELBOWS OPTIONAL WHERE REQUIRED TO COORDINATE INSTALLATION





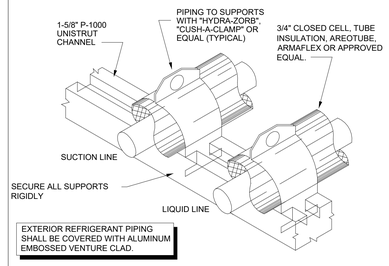
13 ELBOW CONSTRUCTION DETAIL

NO SCALE



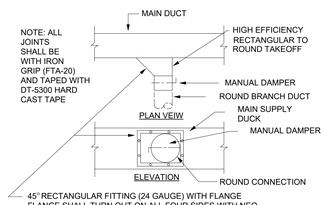
14 TYPICAL SUSPENDED AIR HANDLING UNIT DETAIL

NO SCALE



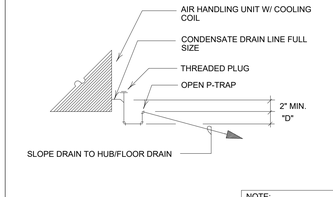
15 REFRIGERANT PIPE SUPPORT DETAIL

NO SCALE



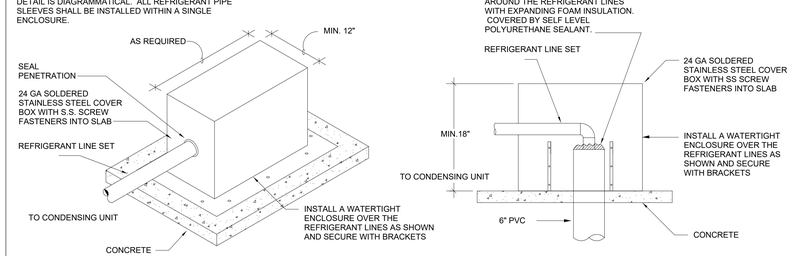
16 SUPPLY OR RETURN AIR DUCT CONNECTION DETAIL

NO SCALE



17 AIR HANDLING UNIT DRAIN PIPING DIAGRAM

NO SCALE



18 REFRIGERANT PIPING IN WATERTIGHT ENCLOSURE INSTALLATION DETAIL

NO SCALE

AQ STUDIOS
ARCHITECTURE

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
R. CRAIG CAMPBELL II
License No. 29380
12/5/25
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

MECHANICAL DETAILS

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	RC3/AR
Checked by	CC

M4.01

Scale 1/8" = 1'-0"

ADG ENGINEERING
ASSOCIATED DESIGN GROUP, INC.
3909 West Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org

Project No. 25004

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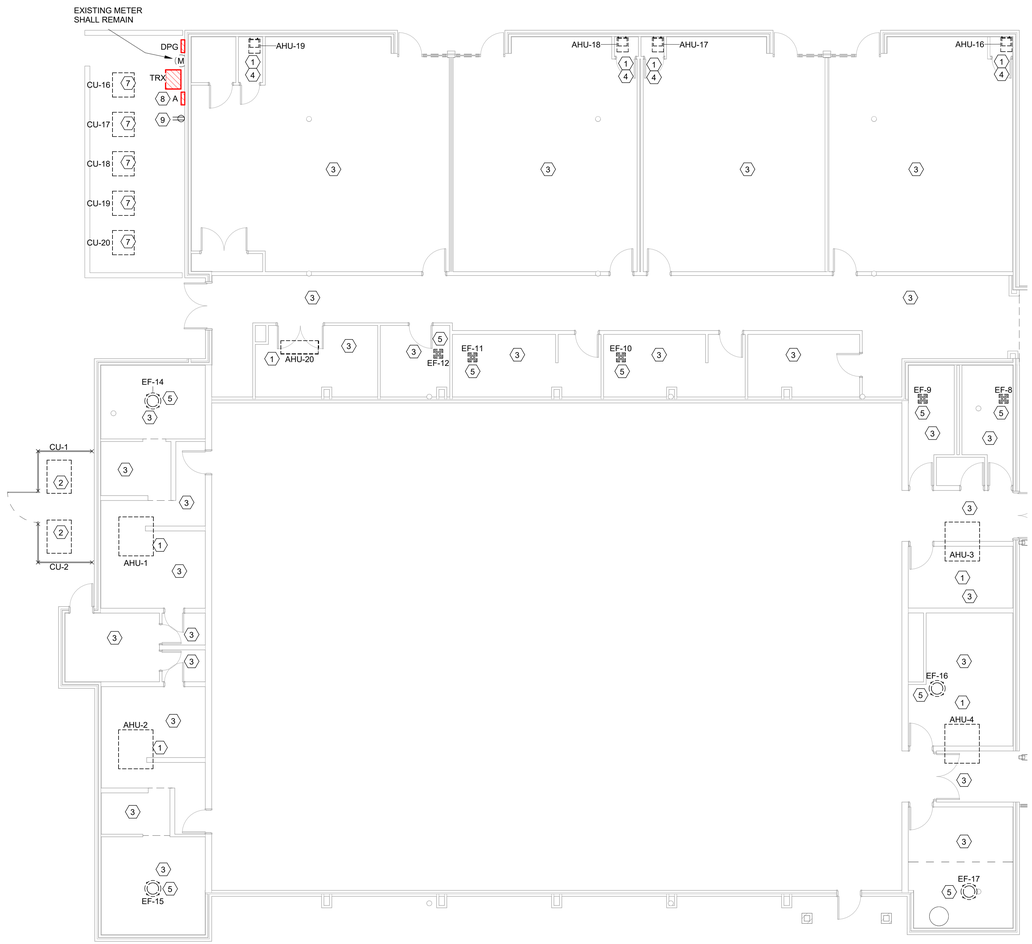


1 SD HVAC POWER PLAN - NE
1/8" = 1'-0"

ELECTRICAL HVAC POWER KEYNOTES:

1. CONTRACTOR SHALL DISCONNECT EXISTING MECHANICAL EQUIPMENT DURING DEMOLITION PHASE AND RECONNECT NEW REPLACEMENT EQUIPMENT DURING CONSTRUCTION PHASE. CONTRACTOR SHALL ENSURE NEW EQUIPMENT HAS PROPER MEANS OF DISCONNECT; PROVIDE NEW AS NECESSARY. REPLACE ANY EXISTING FUSES WITH NEW FUSES SIZED AT MANUFACTURER'S RECOMENDATION.
2. EXISTING CONDENSING UNIT TO BE RELOCATED TO THE LOCATION INDICATED. DISCONNECT AND RECONNECT EXISTING CIRCUITRY TO ACOMMODATE THIS SCOPE. REPLACE EXISTING WIRE AND CONDUIT RACEWAY AS NECESSARY. RELOCATE DISCONNECT SWITCH AS NECESSARY. REFER TO MECHANICAL PLANS FOR MORE INFORMATION AND EXISTING UNIT LOCATIONS.
3. CONTRACTOR SHALL SUSPEND/REMOVE ALL CEILING MOUNTED LIGHT FIXTURES, FIRE ALARM DEVICES, INTERCOM DEVICES, ETC. AS NECESSARY TO ACCOMODATE CEILING DEMOLITION WITHIN THIS AREA. REINSTALL DEVICES IN THEIR PREVIOUS LOCATIONS WITHIN THE NEW CEILING DURING CONSTRUCTION PHASE.
4. PROVIDE POWER TO MOTORIZED DAMPER VIA NEAREST EXISTING 120V RECEPTACLE CIRCUIT. ALSO PROVIDE MOTORIZED SWITCH AS NECESSARY.
5. DISCONNECT ROOF TOP EXHAUST FAN DURING DEMOLTION PHASE. USING THE ASSOCIATED EXISTING CIRCUITRY, EXTEND POWER VIA 2-#12 CONDUCTORS, #12 GROUND, WITHIN A 1/2" CONDUIT TO NEW CEILING MOUNTED EXHAUST FAN. PROVIDE AND INSTALL NECESSARY INTERCONNECTION BETWEEN EXHAUST FAN AND NEW OCCUPANCY SENSOR. OCCUPANCY SENSOR PROVIDED BY MECHANICAL AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO MECHANICAL PLANS FOR MORE INFORMATION.
6. NOT USED.
7. DISCONNECT EXISTING CONDENSING UNITS. PROVIDE NEW CONNECTION VIA NEW PANEL A. REFER TO PANEL SCHEDULE A FOR CIRCUITING INFORMATION.
8. DISCONNECT AND REMOVE EXISTING PANEL A. INSTALL NEW PANEL A PER PANEL SCHEDULE. REFER TO RISER FOR MORE INFORMATION.
9. EXISTING GFI RECEPTACLE SHALL REMAIN.

PANEL **A**

VOLTAGE ☐ 480/277V, 3Ø, 4W, WYE ■ 208/120V, 3Ø, 4W, WYE ☐ 240/120V, 3Ø, 4W, DELTA W/ 3Ø "STINGER"

300 AMP ■ FACTORY MAIN CIRCUIT BREAKER ☐ SHUNT TRIP MAIN CB ☐ MAIN LUGS ONLY ☐ UL LISTED FEED-THRU LUGS

NEUTRAL ■ 100% ☐ 200%

MOUNTING ■ SURFACE ☐ RECESSED ☐ FREE STANDING (FRONT ACCESS ONLY) ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE ☐ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION) ■ NEMA 3R ☐ NEMA 4X 320 STAINLESS STEEL ☐ LOCKABLE COVER

FEED ☐ TOP ■ BOTTOM

BRANCHES ■ BOLT-ON, PANELBOARD CONSTR. ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES, RK5 ☐ PLUG-ON, LOADCENTER CONSTR.

AIC RATING 22K ■ FULLY RATED ☐ SERIES RATED

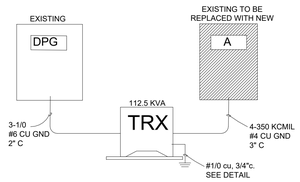
■ FURNISH GROUND BAR KIT ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT ☐ SERVICE ENTRANCE LABEL

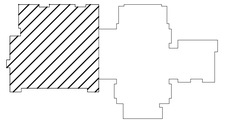
ALL COPPER BUSSING

CKT. #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	A B C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT. #
1	40	3-8	10	3/4"	CU-16	*		*	CU-18	3/4"	10	3-8	50	2
3														4
5	40	3-8	10	3/4"	CU-17	*		*	CU-19	3/4"	10	3-8	50	6
7														8
9	40	3-8	10	3/4"	CU-18	*		**	PANEL DPH				150	10
11														12
13														14
15														16
17														18
19														20
21														22
23														24
25														26
27														28
29														30
31														32
33														34
35														36
37														38
39														40
41														42

NOTES:
* BREAKER SHALL BE HARC RATED
** UTILIZE EXISTING CONDUIT, CONDUCTORS, AND GROUND

TOTAL LOAD = 81.4 KVA
TOTAL AMPS = 225 AMPS





ADG ENGINEERING

ASSOCIATED DESIGN GROUP, INC.
3909 West Congress Street, Suite 201
Lafayette, Louisiana 70506
Phone: (337) 234-5710
Email: adginc@adginc.org

Project No. 25004

AQ STUDIOS ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
DAVID B. STELLY
License No. 29070
12/05/2025
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

HVAC POWER PLAN - AREA A

Copyright 2025 AQ Studios

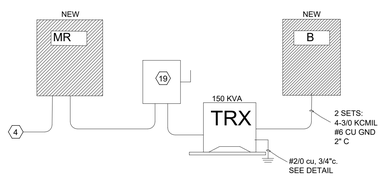
AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	SS
Checked by	DS

E1.01A

Scale 1/8" = 1'-0"

1/29/2026 1:06:46 PM

1 SD HVAC POWER PLAN - SW
1/8" = 1'-0"



ELECTRICAL HVAC POWER KEYNOTES:

1. CONTRACTOR SHALL DISCONNECT EXISTING MECHANICAL EQUIPMENT DURING DEMOLITION PHASE AND RECONNECT NEW REPLACEMENT EQUIPMENT DURING CONSTRUCTION PHASE. CONTRACTOR SHALL ENSURE NEW EQUIPMENT HAS PROPER MEANS OF DISCONNECT; PROVIDE NEW AS NECESSARY. REPLACE ANY EXISTING FUSES WITH NEW FUSES SIZED AT MANUFACTURER'S RECOMENDATION.
2. CONTRACTOR SHALL DISCONNECT EXISTING MECHANICAL EQUIPMENT TO BE RELOCATED.
3. CONTRACTOR SHALL SUSPEND/REMOVE ALL CEILING MOUNTED LIGHT FIXTURES, FIRE ALARM DEVICES, INTERCOM DEVICES, ETC. TO ACCOMODATE CEILING DEMOLITION WITHIN THIS AREA. REINSTALL DEVICES IN THEIR PREVIOUS LOCATIONS WITHIN THE NEW CEILING DURING CONSTRUCTION PHASE.
4. APPROXIMATE LOCATION OF EXISTING 480V SWITCHBOARD. CONTRACTOR SHALL PROVIDE AND INSTALL NEW 400 AMP, SQUARE D, CIRCUIT BREAKER OF THE SAME TYPE AND AIC RATING AS EXISTING BREAKERS WITHIN SWITCHBOARD. FEED NEW PANEL MR VIA 2 SETS OF 4-3/0 CONDUCTORS, #6 COPPER GROUND, WITHIN TWO 2" CONDUITS. RISE UP DIRECTLY FROM SWITCHBOARD TO ROOF. SEAL ANY AND ALL ROOF PENETRATIONS IN ACCORDANCE WITH ROOF MANUFACTURER'S REQUIREMENTS AS TO NOT VOID ROOF WARRANTY.
5. APPROXIMATE LOCATION OF EXISTING CONDENSING UNIT CONDUIT RACEWAY. CONTRACTOR SHALL UTILIZE EXISTING CONDUITS WHERE POSSIBLE. IF NECESSARY, CONTRACTOR SHALL ADD CONDUITS TO EXISTING RACEWAY. EXISTING SIDEWALK SHALL BE SAWCUT TO ACCOMODATE ADDITIONAL CONDUITS.
6. REFER TO SHEET E1.02 FOR CANOPY SCOPE IN THIS AREA.
7. PROVIDE POWER TO MOTORIZED DAMPER VIA NEAREST EXISTING 120V RECEPTACLE CIRCUIT.
8. INDOOR UNIT POWERED BY OUTDOOR UNIT. CONTRACTOR SHALL PROVIDE ALL NECESSARY CONNECTIONS TO OUTDOOR UNIT.
9. DISCONNECT ROOF TOP EXHAUST FAN DURING DEMOLTION PHASE. USING THE ASSOCIATED EXISTING CIRCUITRY, EXTEND POWER VIA 2-#12 CONDUCTORS, # 12 GROUND, WITHIN A 1/2" CONDUIT TO NEW CEILING MOUNTED EXHAUST FAN. INSTALL NECESSARY INTERCONNECTION BETWEEN EXHAUST FAN AND NEW OCCUPANCY SENSOR PROVIDED BY MECHANICAL.
10. SAWCUT EXISTING SIDEWALK AS NECESSARY.
11. ANTICIPATED LOCATION WHERE CONDESNING UNIT REFRIGERANT LINES WILL BE RAN UNDER EXISTING SIDEWALK.
12. CONTRACTOR SHALL FEED THE NEW INDICATED AIR HANDLER UNIT WITH CIRCUITRY/WIRE FROM EXISTING AIR HANDLER UNIT. TO ACCOMODATE SLIGHTLY LARGER AIR HANDLER UNIT, CONTRACTOR SHALL REPLACE EXISITNG 20 AMP CIRCUIT BREAKER WITH NEW 208V, SINGLE PHASE, 2-POLE, 25 AMP CIRCUIT BREAKER OF THE SAME MANUFACTURER, TYPE, AND AIC RATING AS EXISTING CIRCUIT BREAKER. CONTRACTOR SHALL ALSO FUSE EXISTING DISCONNECT WITH MANUFACTURER'S RECOMMENDED FUSE SIZE. REUSE EXISTING CONDUIT AND WIRING.
13. EXISTING GFI RECEPTACLE SHALL REMAIN.
14. POWER NEW UNIT FROM EXISTING PANEL M3. EXTEND EXISTING RACEWAY (FROM REMOVED CONDENSING UNIT CLOSEST TO NEW UNIT) WITH #12 WIRE, WITHIN A 1/2" CONDUIT. FURNISH NEW 25 AMP, 22 AIC, SQUARE D BREAKER. REUSE EXISTING DISCONNECT SWITCH, BUT FUSE AT NEW UNIT'S MANUFACTURER'S RECOMENDATION.
15. DISCONNECT AND REMOVE EXISTING CONDENSING UNIT ELECTRICAL RACEWAY. PROVIDE AND INSTALL NEW CIRCUITRY AS INDICATED WITH NEW 60 AMP, 240V RATED, NEMA 3R, HEAVY DUTY DISCONNECT FUSED AT MANUFACTURER'S RECOMENDATION. MOUNT ON SAME STRUCTURE AS DISCONNECT FROM PREVIOUS UNIT.
16. PROVIDE AND INSTALL NEW 30 AMP, 240V RATED, NEMA 3R, HEAVY DUTY DISCONNECT FUSED AT MANUFACTURER'S RECOMENDATION.
17. REFR TO MECHANICAL DEMOLITION PLANS FOR ADDITIONAL CONDENSING UNITS TO BE DISCONNECTED AND REMOVED. REMOVE ASSOCIATED ELECTRICAL RACEWAY BACK TO NEAREST MEANS OF DISCONNECT. LABEL ASSOCIATED CIRCUIT AS SPARE ON PANEL DIRECTORY.
18. RECONNECT KITCHEN HOOD EQUIPMENT TO FIRE ALARM AS NECESSARY.
19. PROVIDE AND INSTALL 200 AMP, 600V, NEMA 3R, HEAVY DUTY DISCONNECT SWITCH FUSED AT 200 AMPS.

PANEL **MR**

VOLTAGE ■ 480/277V, 3Ø, 4W, WYE; ☐ 208/120V, 3Ø, 4W, WYE; ☐ 240/120V, 3Ø, 4W, DELTA W/ 3Ø "STINGER"

400 AMP ■ FACTORY MAIN CIRCUIT BREAKER; ☐ SHUNT TRIP MAIN CB; ☐ MAIN LUGS ONLY; ☐ UL LISTED FEED-THRU LUGS

NEUTRAL ■ 100% ☐ 200%

MOUNTING ■ SURFACE ☐ RECESSED; ☐ FREE STANDING (FRONT ACCESS ONLY); ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE ☐ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION); ■ NEMA 3R; ☐ NEMA 4X 320 STAINLESS STEEL; ☐ LOCKABLE COVER

FEED ☐ TOP; ■ BOTTOM

BRANCHES ■ BOLT-ON, PANELBOARD CONSTR.; ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES, RK5; ☐ PLUG-ON, LOADCENTER CONSTR.

AIC RATING 42K ■ FULLY RATED; ☐ SERIES RATED

■ FURNISH GROUND BAR KIT; ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT; ☐ SERVICE ENTRANCE LABEL

ALL COPPER BUSSING

CKT. #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	A B C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT. #
1	25	4-12	10	3/4"	RTU-1	--		--	RTU-4	3/4"	10	4-12	25	2
3														4
5														6
7	35	4-10	10	3/4"	RTU-2	--		--	RTU-5	3/4"	10	4-12	25	8
9														10
11														12
13	35	4-10	10	3/4"	RTU-3	--		--	PANEL B VIA TRX	2"	6	3-3/0	200	14
15														16
17														18
19														20
21														22
23														24
25														26
27														28
29														30
31														32
33														34
35														36
37														38
39														40
41														42

NOTES:

TOTAL LOAD = 239.4 KVA
TOTAL AMPS = 288 AMPS

PANEL **B**

VOLTAGE ☐ 480/277V, 3Ø, 4W, WYE; ■ 208/120V, 3Ø, 4W, WYE; ☐ 240/120V, 3Ø, 4W, DELTA W/ 3Ø "STINGER"

400 AMP ■ FACTORY MAIN CIRCUIT BREAKER; ☐ SHUNT TRIP MAIN CB; ☐ MAIN LUGS ONLY; ☐ UL LISTED FEED-THRU LUGS

NEUTRAL ■ 100% ☐ 200%

MOUNTING ■ SURFACE ☐ RECESSED; ☐ FREE STANDING (FRONT ACCESS ONLY); ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE ☐ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION); ■ NEMA 3R; ☐ NEMA 4X 320 STAINLESS STEEL; ☐ LOCKABLE COVER

FEED ☐ TOP; ■ BOTTOM

BRANCHES ■ BOLT-ON, PANELBOARD CONSTR.; ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES, RK5; ☐ PLUG-ON, LOADCENTER CONSTR.

AIC RATING 22K ■ FULLY RATED; ☐ SERIES RATED

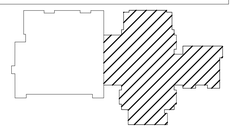
■ FURNISH GROUND BAR KIT; ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT; ☐ SERVICE ENTRANCE LABEL

ALL COPPER BUSSING

CKT. #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	A B C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT. #
1	50	3-8	10	3/4"	CU-9				CU-13	1"	10	3-8	50	2
3														4
5	50	3-8	10	3/4"	CU-10				CU-14	1"	10	3-8	50	6
7														8
9	50	3-8	10	3/4"	CU-11				CU-15	1"	10	3-6	60	10
11														12
13	50	3-8	10	3/4"	CU-12				MSCU-1	3/4"	12	3-12	20	14
15														16
17														18
19														20
21														22
23														24
25														26
27														28
29														30
31														32
33														34
35														36
37														38
39														40
41														42

NOTES:

TOTAL LOAD = 93.3 KVA
TOTAL AMPS = 259 AMPS



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Project No. 25004

AQ STUDIOS ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
DAVID B. STELLY
License No. 29070
12/05/2025
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

HVAC POWER PLAN - AREA B

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	SS
Checked by	DS

E1.01B

Scale 1/8" = 1'-0"

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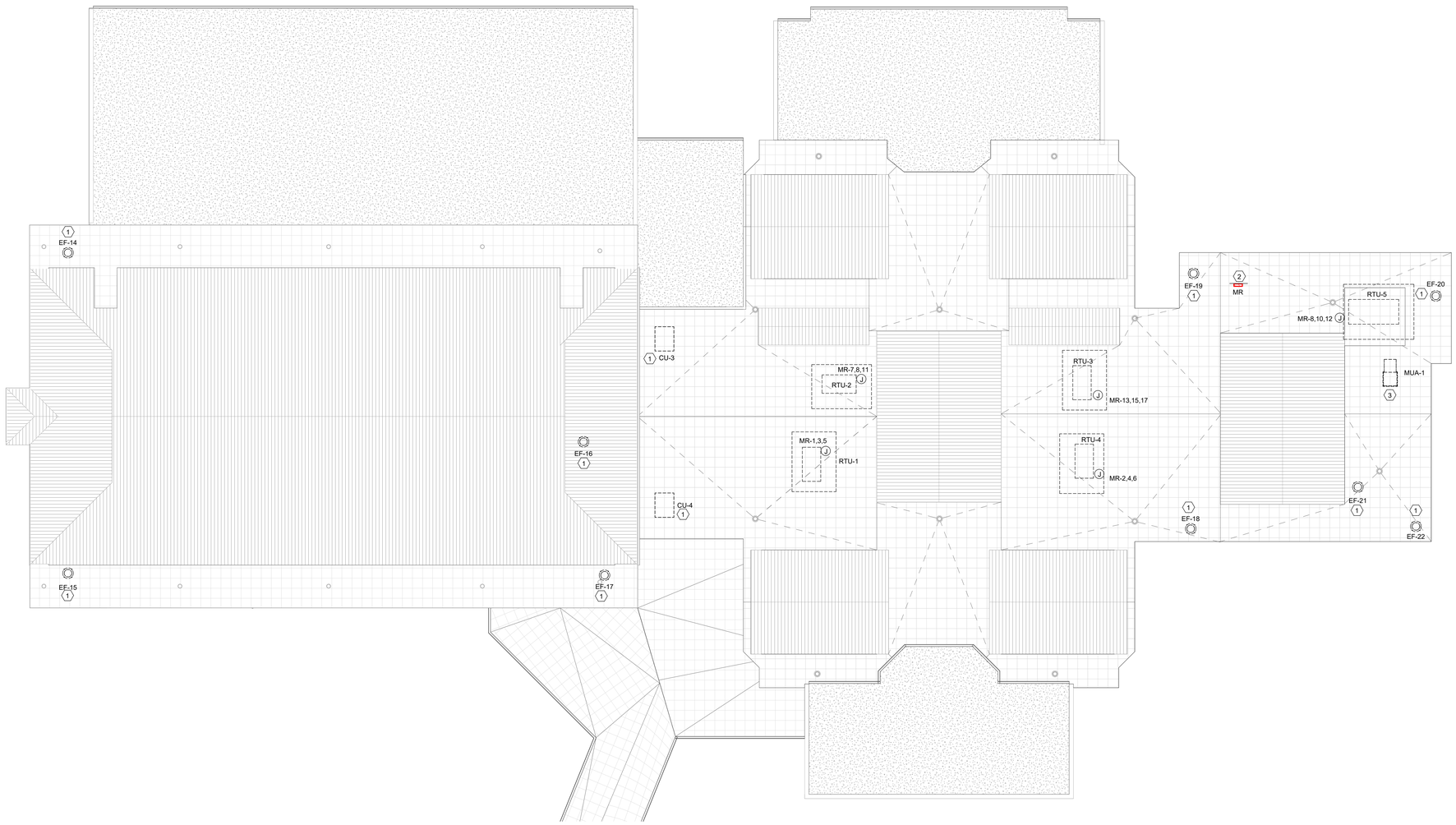
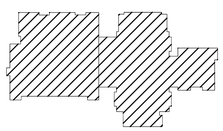


1 ELECTRICAL PLAN - ROOF
1" = 10'-0"

ELECTRICAL HVAC POWER KEYNOTES:

1. CONTRACTOR SHALL DISCONNECT EXISTING MECHANICAL EQUIPMENT DURING DEMOLITION PHASE AND RECONNECT NEW REPLACEMENT EQUIPMENT DURING CONSTRUCTION PHASE. REPLACE ANY EXISTING FUSES WITH NEW FUSES SIZED AT MANUFACTURER'S RECOMENDATION.
2. MOUNT THE INDICATED EQUIPMENT ON UNISTRUT RACK ON ROOF. SEE DETAILS FOR MORE INFORMATION.
3. CONTRACTOR SHALL ENSURE THAT EXISTING EXHAUST FAN DUCTS EF-23 AND MUA-1 HAVE DUCT DETECTOR (SUPPLY AND EXHAUST) TO ACCOMODATE THEIR NEW BALANCED CFM OF GREATER THAN 2000.



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CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

HVAC POWER PLAN - ROOF

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Scale	1" = 10'-0"

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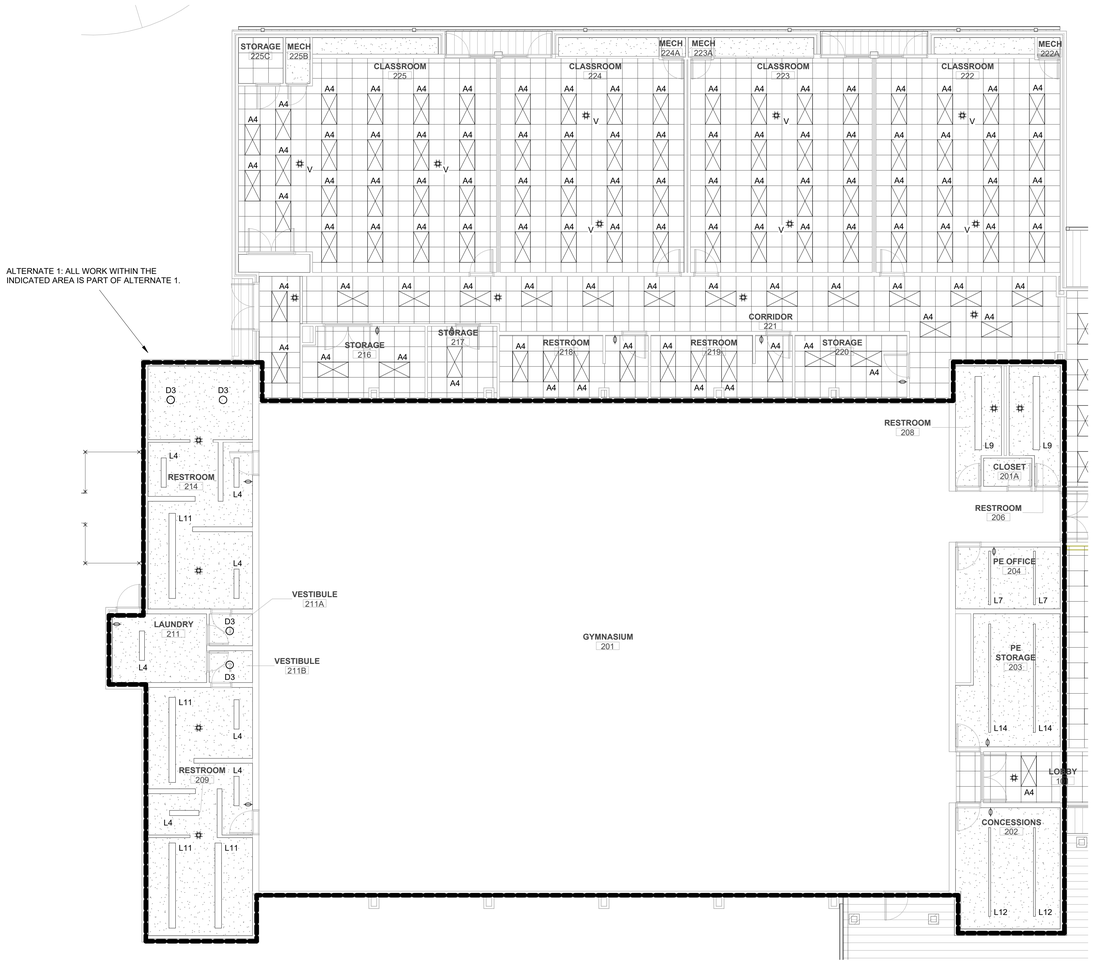


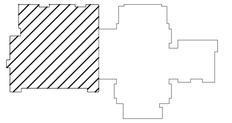
1 LIGHTING PLAN - AREA A
1/8" = 1'-0"

LIGHTING GENERAL NOTES:

CONTRACTOR SHALL UTILIZE ALL EXISTING LIGHTING FIXTURE CIRCUITRY FOR ALL LIGHTS WHERE POSSIBLE. REVISE EXISTING CIRCUITRY AS NECESSARY TO PROVIDE POWER TO EACH INDIVIDUAL FIXTURE.

CONTRACTOR SHALL UTILIZE EXISTING LIGHTING CONTROL DEVICES UNLESS NOTED OTHERWISE.

NEW LIGHTING CONTROL DEVICES SHALL BE PROGRAMED IN ACCORDANCE WITH IECC 2021.



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AQ STUDIOS ARCHITECTURE

KEY PLAN

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STATE OF LOUISIANA
DAVID B. STELLY
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12/05/2025
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

LIGHTING PLAN - AREA A

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AQ Studios Project Number	24009
Date	12/05/2025
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E2.01A

Scale 1/8" = 1'-0"

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1 LIGHTING PLAN - AREA B
1/8" = 1'-0"

LIGHTING GENERAL NOTES:

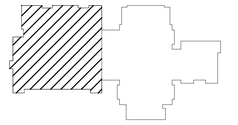
CONTRACTOR SHALL UTILIZE ALL EXISTING LIGHTING FIXTURE CIRCUITRY FOR ALL LIGHTS WHERE POSSIBLE. REVISE EXISTING CIRCUITRY AS NECESSARY TO PROVIDE POWER TO EACH INDIVIDUAL FIXTURE.

CONTRACTOR SHALL UTILIZE EXISTING LIGHTING CONTROL DEVICES UNLESS NOTED OTHERWISE.

NEW LIGHTING CONTROL DEVICES SHALL BE PROGRAMED IN ACCORDANCE WITH IECC 2021.

LIGHTING KEYNOTES:

1 COORDINATE LIGHT FIXTURE LOCATIONS IN THIS AREA WITH KITCHEN HOOD AND OTHER CEILING OBSTRUCTIONS.



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AQ STUDIOS ARCHITECTURE

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PROFESSIONAL ENGINEER

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CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

LIGHTING PLAN - AREA B

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Scale 1/8" = 1'-0"

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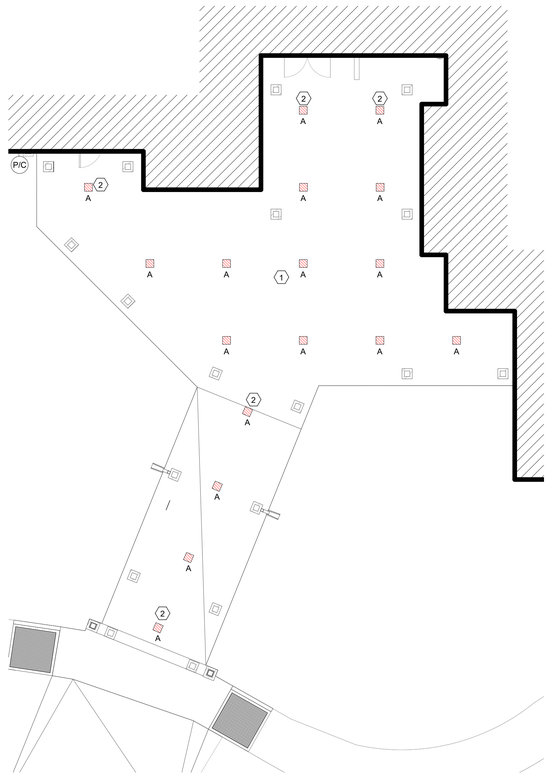

1 ELECTRICAL CANOPY LIGHTING
1/8" = 1'-0"

LIGHTING FIXTURE SCHEDULE

MARK	DESCRIPTION	LUMENS	VOLTS	MOUNTING	MANUFACTURER	CATALOG No.
A	CANOPY LIGHT	2500	MVOLT	SURFACE	KENALL	S14L4L P * 25L 120 DV ASA
A4	LED 2X4	3500	MVOLT	LAY-IN	LITHONIA	CPX-2X4-ALO8-80CRI-SWW7-40K-A12-MVOLT
A12	2 X 12 TROFFER	3500	MVOLT	RECESSED	LITHONIA	CPX 2X12 ALO8 (Low) 80CRI SWW7 (40K) A12 MVOLT
D	DOWNLIGHT	2000	MVOLT	RECESSED	GOTHAM	EVOG 40/20 AR WD LD
L7	7' LINEAR FIXTURE	600 LM/F	MVOLT	SURFACE	MARK ARCHITECTURAL	SL2L 7 FLP 80CRI 40K 600LMF
L8	8' LINEAR FIXTURE	600 LM/F	MVOLT	SURFACE	MARK ARCHITECTURAL	SL2L 8 FLP 80CRI 40K 600LMF
L9	9' LINEAR FIXTURE	600 LM/F	MVOLT	SURFACE	MARK ARCHITECTURAL	SL2L 9 FLP 80CRI 40K 600LMF
L11	11' LINEAR FIXTURE	600 LM/F	MVOLT	SURFACE	MARK ARCHITECTURAL	SL2L 11 FLP 80CRI 40K 600LMF
L12	12' LINEAR FIXTURE	600 LM/F	MVOLT	SURFACE	MARK ARCHITECTURAL	SL2L 12 FLP 80CRI 40K 600LMF
L14	14' LINEAR FIXTURE	600 LM/F	MVOLT	SURFACE	MARK ARCHITECTURAL	SL2L 14 FLP 80CRI 40K 600LMF
L15	15' LINEAR FIXTURE	600 LM/F	MVOLT	SURFACE	MARK ARCHITECTURAL	SL2L 15 FLP 80CRI 40K 600LMF

* FIXTURE FINISH/COLOR TO BE SELECTED BY ARCHITECT.

LIGHTING KEYNOTES:

1. UTILIZE CIRCUITRY FROM EXISTING CANOPY LIGHT FIXTURES TO POWER ALL NEW, TYPE 'A', FIXTURES, UNLESS NOTED OTHERWISE. REROUTE EXISTING CANOPY CONDUITS AS REQUIRED TO ACCOMODATE NEW CONSTRUCTION. REFER TO ARCHITECTURAL PLANS FOR MORE INFORMATION.
2. AT A MINIMUM, THE INIDCATED FIXTURE SHALL BE POWERED VIA NEAREST EMERGENCY/GENERATOR CIRCUIT.

LIGHTING GENERAL NOTES:

CONTRACTOR SHALL UTILIZE ALL EXISTING LIGHTING FIXTURE CIRCUITRY FOR ALL LIGHTS WHERE POSSIBLE. REVISE EXISTING CIRCUITRY AS NECESSARY TO PROVIDE POWER TO EACH INDIVIDUAL FIXTURE.

CONTRACTOR SHALL UTILIZE EXISTING LIGHTING CONTROL DEVICES UNLESS NOTED OTHERWISE.

NEW LIGHTING CONTROL DEVICES SHALL BE PROGRAMED IN ACCORDANCE WITH IECC 2021.

LIGHTING CONTROL MATRIX

	DEVICE	ELEC/MECH ROOM	CLASSROOM**	CONFERENCE, BREAKROOM	CORRIDOR, LOBBY, ENTRY	LIBRARY	RESTROOM	STORAGE, CLOSETS	EXTERIOR
Manual Control	Switch	●	●	●	●	●	●	●	
	Dimmer or scene control		●	●		●			
Automatic ON/OFF Control	Timeclock								
	Occupancy sensor		●	●	●	●	●	●	●
	Settings: Full ON				●		●		●
	Settings: Partial ON								●
	Settings: Manual ON		●	●		●		●	
	Settings: Full OFF		●	●	●	●	●	●	●
	Settings: Partial OFF				●				●
	Daylight responsive control								●

**ALL CLASSROOM LIGHTING SHALL TURN OFF AUTOMATICALLY IN ACCORDANCE WITH SECTION C405.2.1, HOWEVER LIGHTS MUST EXCLUSIVELY TURN ON MANUALLY. CONTRACTOR SHALL NOTE THAT ALL POWER PACKS AND THEIR ASSOCIATED WIRING MUST BE CONFIGURED SUCH THAT THE OCCUPANCY SENSOR DOES NOT TURN ON THE LIGHTS AUTOMATICALLY. VACANCY SENSORS CAN BE USED IN LIEU OF OCCUPANCY SENSORS TO ACHIEVE THE LIGHTING CONTROL REQUIREMENTS WITHIN THIS AREA.

CODE REQUIREMENT SUMMARY

	Minimum control type	Description	Code provision
Manual Control	Switch	Lighting shall be capable of turning ON and OFF. There shall be at least one manual device for control of the lighting within a space. See code for spaces that allow remote location of control.	C405.2.6
	Dimmer or scene control	Lighting shall be capable of being reduced by at least 50% of maximum lighting power. There shall be at least one manual control device for light reduction within a space. See code for spaces that allow remote location of control. Automatic daylight control may be used instead of manual control.	C405.2.2.3
Automatic ON/OFF Control	Timeclock	Interior: Scheduled control, based on time-of-day, turns lighting ON or OFF based on operating schedule. Occupancy sensors also comply as an alternate to using a timeclock. Exterior: Scheduled control, based on time-of-day and sunrise/sunset (requires astronomical timeclock), turns lighting ON or OFF based on typical occupancy and daylight.	C405.2.2 C405.2.7
	Occupancy sensor	Automatic control turns lighting ON upon occupancy or OFF after a vacancy of 20 minutes or less.	C405.2.1
	Settings: Full ON	When initiated by a timeclock or occupancy sensor, lighting is automatically turned ON to maximum lighting power.	C405.2.1.1 Exception
	Settings: Partial ON	When initiated by a timeclock or occupancy sensor, lighting is automatically turned ON to 50% or less of maximum lighting power.	C405.2.1.1
	Settings: Manual ON	Lighting is turned ON manually by an occupant.	C405.2.1.1
	Settings: Full OFF	When initiated by a timeclock or occupancy sensor, lighting is automatically turned OFF.	C405.2.1
	Settings: Partial OFF	In vacant corridors, warehouse aisles, open office zones, and parking garage zones, lighting is automatically reduced by at least 50% of maximum lighting power (80% for open office, 30% for parking garages). Automatic full OFF also complies.	C405.2.1.2, C405.2.1.3 C405.2.1.4 C405.2.8
Daylight responsive control		Interior: A sensor which adjusts lighting in response to available daylight is required for sidelight and skylight zones when the total lighting power in the daylight zones in a space is at least 150 W. Continous daylight dimming down to at least 15% of full output plus OFF is required. See the'Daylight Zone Requirements' diagrams for more information. Exterior: A photosensor can be used as an alternate to the dawn/dusk operation of an astronomical timeclock.	C405.2.4 C405.2.7.1

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AQ STUDIOS ARCHITECTURE

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
DAVID B. STELLY
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12/05/2025
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ELECTRICAL CANOPY LIGHTING

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AQ Studios Project Number	24009
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GENERAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
#A	KEYED NOTE
#B	KEYED NOTE
#C	KEYED NOTE
#D	KEYED NOTE
	KEYED NOTE
	END CAP
	BREAK

POWER SYMBOL LEGEND

SYMBOL	DESCRIPTION
	SIMPLEX OUTLET (18" A.F.F OR AS NOTED). SEE SPECIFICATIONS.
	DUPLEX CONVENIENCE OUTLET (18" A.F.F. OR AS NOTED)
S	DUPLEX W/ TAMPERPROOF COVERPLATE. SEE SPECS (18" A.F.F. OR AS NOTED)
	COUNTER TOP MOUNTING HEIGHT (CLEAR BACK SPLASH)
	SPECIAL OUTLET (18" A.F.F. OR AS NOTED)
	CEILING MOUNTED DUPLEX CONVENIENCE OUTLET
	DOUBLE-DUPLEX CONVENIENCE OUTLET (18" A.F.F. OR AS NOTED)
	CEILING MOUNTED OCCUPANCY SENSOR
	FLOOR MOUNTED DUPLEX CONVENIENCE OUTLET
	ELECTRIC MOTOR
	MOTOR STARTER (PROVIDED BY DIV. 15 / INSTALLED BY DIV. 16)
	DISCONNECT SWITCH
	DISCONNECT SWITCH (EXISTING)
J	JUNCTION BOX
	ELECTRICAL PANELBOARD (SURFACE MOUNTED)
	ELECTRICAL PANELBOARD (RECESSED)
	ELECTRICAL PANELBOARD (EXISTING)
	ELECTRIC HEATING COIL
	CLOCK
	CLOCK OUTLET
	TIMER
FB	FLOOR BOX WITH COMBINATION DUPLEX POWER OUTLET AND DATA OUTLET
T	TRANSFORMER
VFD	VARIABLE FREQUENCY DRIVE
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
RIM	REMOTE INDICATOR MODULE
LIM	LINE ISOLATION MONITOR
PG	POWER GROUND MODULE
GM	GROUND MODULE
GJ	GROUND JACK
	PUSH BUTTON

LIGHTING SYMBOL LEGEND

SYMBOL	DESCRIPTION
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	EMERGENCY LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	EMERGENCY LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	EMERGENCY LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
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	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE - SEE FIXTURE SCHEDULE

CIRCUITRY SYMBOL

SYMBOL	DESCRIPTION
	FLEXIBLE CONDUIT
	CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING
	HOMERUN TO ELECTRICAL PANELBOARD
	CONDUIT RUN CONCEALED BELOW FLOOR OF IN SLAB
$	SINGLE POLE TOGGLE SWITCH (48" A.F.F. OR AS NOTED)
$3	THREE-WAY TOGGLE SWITCH (48" A.F.F. OR AS NOTED)
$x	SUBSCRIPT DENOTES FIXTURE BEING CONTROLLED
$D	SINGLE POLE DIMMER SWITCH
$K	SINGLE POLE KEYED SWITCH (48" A.F.F. OR AS NOTED)
$M	MOTOR RATED TOGGLE SWITCH (48" A.F.F. OR AS NOTED)
$T	TIMER SWITCH
	OCCUPANCY SENSOR SWITCH

GENERAL NOTES

A. CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL LIGHT FIXTURES, OUTLETS, TELE/DATA OUTLETS, SPEAKERS, AND ASSOCIATED CIRCUITRY AS IF ORIGINALLY INCLUDED ON THE ELECTRICAL PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT. PRIOR TO ROUGH-IN OF EQUIPMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COPIES OF APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT AND REVIEWING SAID SUBMITTALS TO ENSURE COMPATIBILITY WITH THE ELECTRICAL SYSTEM. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE REQUIRED ROUGH-IN REQUIREMENTS AND THE ELECTRICAL SYSTEM.

B. VERIFY EXACT MOUNTING HEIGHT OF ALL WALL MOUNTED FIXTURES W/ARCHITECT/OWNER PRIOR TO ROUGH-IN UNLESS SPECIFICALLY NOTED OTHERWISE.

C. SHOULD IT BE NECESSARY TO RUN ANY ELECTRICAL SERVICES, CONDUITS, ETC. THROUGH THE BUILDING'S FOOTINGS CONTRACTOR SHALL REFER TO THE STRUCTURAL DRAWINGS FOR ADDITIONAL REINORCEMENT REQUIREMENTS. WHERE ELECTRICAL SERVICES ARE RUN PARALLEL TO FOOTINGS, ALSO REFER TO STRUCTURAL DRAWINGS FOR THE MINIMUM CLEAR DISTANCE TO MAINTAIN BETWEEN FOOTING AND CONDUIT.

D. CONTRACTOR SHALL PROPERLY SEAL PENETRATIONS TO RATED ASSEMBLIES AND ALL EXTERIOR WALLS TO PROPERLY MAINTAIN RATING & ASSEMBLIES AND BUILDING ENVELOPE.

E. ALL 20 AMP 125 VOLT DUPLEX RECEPTACLES INSTALLED OUTDOORS SHOULD HAVE GFCI PROTECTION AND SHALL RECEIVE WEATHER PROOF WHILE IN USE COVER, AS SPECIFIED.

F. AS A MINIMUM ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.

G. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

H. COORDINATE EXACT LOCATION OF ALL OUTLETS WITH ARCHITECT/OWNER PRIOR TO ROUGH IN. CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS TO ALL OWNER FURNISHED EQUIPMENT.

I. RECEPTACLES WITHIN 6' OF A SINK OR LAVATORY SHALL HAVE GFCI PROTECTION.

J. CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING ANY WORK TO BE DONE.

K. CIRCUITS SHALL HAVE DEDICATED NEUTRALS. NEUTRALS SHALL NOT BE SHARED.

L. VERIFY REQUIREMENTS FOR ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.

M. EXTERIOR LIGHTING CONTROLLED VIA PHOTOCELL.

DEMO PLAN

A. VISIT AND CAREFULLY EXAMINE THOSE PORTIONS OF THE BUILDING AND SITE AFFECTED BY THIS WORK BEFORE SUBMITTING PROPOSALS, SO AS TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT EXECUTION OF THE WORK. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED. EXISTING CONDITIONS, UTILITIES, SERVICES INDICATED ARE TAKEN FROM VARIOUS OLD AND NEW SURVEYS, EXISTING CONSTRUCTION DOCUMENTS AND FIELD INVESTIGATIONS. IT IS TO BE UNDERSTOOD THAT UNFORSEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON THE DRAWINGS. COOPERATION WITH OTHER TRADES IN ROUTING, AS DETERMINED DURING CONSTRUCTION AND AS DIRECTED BY THE ARCHITECT/ENGINEER, MAY BE NECESSARY AND IT IS INTENDED THAT SUCH DEVIATIONS SHALL BE CONSIDERED AS PART OF THIS CONTRACT. IT IS ALSO UNDERSTOOD THAT THE PLANS ARE NOT COMPLETELY TO SCALE. THIS CONTRACTOR IS TO FIELD VERIFY DIMENSIONS OF ALL SITE UTILITIES, ETC., PRIOR TO BID, AND INCLUDE ANY DEVIATIONS IN THE CONTRACT.

B. EXISTING OUTLET BOXES AND CONDUIT WHICH ARE LOCATED PROPERLY FOR NEW WORK MAY BE REUSED FOR NEW DEVICES.

C. ALL CONDUIT AND WIRE REMOVED SHALL BE TAKEN BACK TO THE SOURCE OF SUPPLY.

D. INSTALL A BLANK COVER PLATE ON ALL EMPTY DEVICE BOXES.

E. WHERE EXISTING EQUIPMENT OR MATERIALS ARE REMOVED OR CHANGED, ALL BRANCH CONDUITS, WHICH NO LONGER ARE IN SERVICE, SHALL BE REMOVED AS DIRECTED BY THE ARCHITECT. IF, IN THE COURSE OF THE WORK, OUTLETS ARE COVERED UP OR OTHERWISE RENDERED INACCESSIBLE, ALL WIRING TO SAME SHALL BE REMOVED TO THE SOURCE. IF A CIRCUIT THAT MUST REMAIN IN SERVICE IS INTERRUPTED THEREBY, IT SHALL RECONNECTED BY THE MOST INCONSPICUOUS MEANS SO AS TO REMAIN OPERATION, WITH SAME CAPACITY AS BEFORE. ALL BUILDING SURFACES DAMAGED, AND OPENINGS LEFT BY REMOVAL OF BOXES, PIPING OR OTHER EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR. ALL HOLES LEFT IN JUNCTION BOXES, SWITCHES, PANELS, ETC. SHALL BE CLOSED.

F. WHERE NEW OPENINGS ARE CUT, AND CONCEALED CONDUITS, ETC., ARE ENCOUNTERED, THEY SHALL BE REMOVED OR RELOCATED AS REQUIRED. WHERE CONDUIT TO BE REMOVED STUBS THROUGH FLOORS, WALLS, AND CEILINGS, SUCH CONDUIT SHALL BE REMOVED TO THE POINT WHERE THE FINISH SURFACES CAN BE PATCHED ADEQUATELY SO THAT NO EVIDENCE OF THE FORMER INSTALLATION REMAINS.

G. ALL REUSABLE DEVICES, FIXTURES AND EQUIPMENT SHALL BECOME THE PROPERTY OF THE OWNER. ALL OTHER SALVAGE AND DEBRIS SHALL BE REMOVED FROM THE PREMISES DAILY BY THIS CONTRACTOR.

H. THIS CONTRACTOR SHALL FURNISH AND PROVIDE ALL DEMOLITION REQUIRED TO ACCOMMODATE THIS PROJECT WHETHER INDICATED ON DRAWINGS, OR DIRECTED IN THE FIELD.

I. VISIT THE JOB SITE PRIOR TO BID TO VERIFY ALL ACTUAL CONDITIONS.

J. REMOVE EXISTING SYSTEMS, MATERIALS AND EQUIPMENT WHICH ARE MADE OBSOLETE OR WHICH INTERFERE WITH THE CONSTRUCTION OF THE PROJECT. REINSTALL ANY SUCH SYSTEMS, MATERIALS AND EQUIPMENT WHICH IS REQUIRED TO COMPLETE THE PROJECT.

K. LOCATE ALL EXISTING UTILITIES AND PROTECT THEM FROM DAMAGE.

L. REINSTALL ANY SUCH POWER, LIGHTING, SYSTEMS, MATERIALS AND EQUIPMENT WHICH ARE REQUIRED TO REMAIN ACTIVE FOR THE FACILITY TO BE FULLY FUNCTIONAL.

M. ALL RECEPTACLES, DEVICES, LIGHTING, SYSTEMS AND EQUIPMENT NOT SHOWN, AND IN AREAS OUTSIDE OF REMODELING SHALL REMAIN ACTIVE UNLESS OTHERWISE NOTED. FURNISH AND INSTALL ACCESSIBLE JUNCTION BOXES AND REWORK EXISTING CIRCUITS AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY TO RECEPTACLES, DEVICES, LIGHTING, SYSTEMS AND EQUIPMENT.

N. ALL CONDUIT TO BE CONCEALED UNLESS IMPOSSIBLE DUE TO EXISTING CONDITIONS (I.E. EXPOSED STRUCTURAL CEILINGS, BUILDING EXTERIOR WALLS). CONCEAL ALL CONDUITS ABOVE CEILINGS OR WITHIN WALLS AND COUNTERS.

O. ALL NEW DEVICES TO BE FLUSH MOUNTED UNLESS SPECIFICALLY NOTED OTHERWISE.

P. INSTALL FLEXIBLE CONDUIT DOWN EXISTING WALLS TO NEW FLUSH OUTLETS. (IF EXISTING WALLS DO NOT CONTAIN HOLLOW VERTICAL CAVITIES AND IT IS NOT FEASIBLE TO CONCEAL THE CONDUIT, THEN EXPOSED WIREMOLD PAINTED TO MATCH THE WALL SHALL BE USED).

Q. PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. WHEN WORK MUST BE PERFORMED ON ENERGIZED EQUIPMENT OR CIRCUITS, USE PERSONNEL EXPERIENCED IN SUCH OPERATIONS.

R. EXISTING FIRE ALARM SYSTEM: MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS ACCEPTED. DISABLE SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. NOTIFY OWNER AND LOCAL FIRE SERVICE AT LEAST 24 HOURS BEFORE PARTIALLY OR COMPLETELY DISABLING SYSTEM. MINIMIZE OUTAGE DURATION. MAKE TEMPORARY CONNECTIONS TO MAINTAIN SERVICE IN AREAS ADJACENT TO WORK AREA.

S. REMOVE ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES.DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR OPEN JUNCTION BOXES.DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.

T. CLEAN AND REPAIR EXISTING MATERIALS AND EQUIPMENT WHICH REMAIN OR ARE TO BE REUSED.

U. PANELBOARDS: CLEAN EXPOSED SURFACES AND CHECK TIGHTNESS OF ELECTRICAL CONNECTIONS. REPLACE DAMAGED CIRCUIT BREAKERS AND PROVIDE CLOSURE PLATES FOR VACANT POSITIONS. PROVIDE TYPED CIRCUIT DIRECTORY SHOWING REVISED CIRCUITING ARRANGEMENT.

V. ALL NEW CIRCUIT BREAKERS WITHIN EACH EXISTING PANELBOARD SHALL BE THE SAME MANUFACTURER TYPE, STYLE AND A.I.C. RATING OF EXISTING PANELBOARD.

W. SCREENED ELECTRICAL INDICATES EXISTING TO REMAIN ACTIVE, UNLESS NOTED OTHERWISE.

X. CLEAN, INSTALL NEW BALLAST AND RE-LAMP ALL EXISTING FLUORESCENT FIXTURES AND DIFFUSERS BEING REUSED. MATCH EXISTING LAMP, COLOR TEMPERATURE, SIZE, AND TYPE.

Y. CONTRACTOR SHALL MAINTAIN FIRE ALARM PROTECTION DURING CONSTRUCTION. REUSE EXISTING DEVICES PER REVISED PLAN. PROVIDE AND INSTALL NEW DEVICES AS NECESSARY. ANY UNUSED EXISTING DEVICES SHALL BE TURNED OVER TO THE OWNER.

Z. EXISTING DATA WIRE BEING REMOVED AS PART OF DEMOLITION, WHICH IS IN WORKING CONDITION MAY BE RE-USED FOR NEW DATA LOCATIONS. CONTRACTOR SHALL VERIFY RE-USED DATA WIRING IS IN GOOD WORKING CONDITION PRIOR TO INSTALLATION AND PROVIDE NEW MATCHING DATA WIRING WHERE NECESSARY.

POWER, MECHANICAL, AND SPECIAL SYSTEMS PLANS

A. CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL LIGHT FIXTURES, OUTLETS, TELE/DATA OUTLETS, SPEAKERS, AND ASSOCIATED CIRCUITRY AS IF ORIGINALLY INCLUDED ON THE ELECTRICAL PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT. PRIOR TO ROUGH-IN OF EQUIPMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COPIES OF APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT AND REVIEWING SAID SUBMITTALS TO ENSURE COMPATIBILITY WITH THE ELECTRICAL SYSTEM. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE REQUIRED ROUGH-IN REQUIREMENTS AND THE ELECTRICAL SYSTEM.

B. COORDINATE INSTALLATION OF ALL CEILING MOUNTED DEVICES w/ARCHITECT PRIOR TO ROUGH-IN.

C. COORDINATE EXACT PLACEMENT FOR ALL DEVICES WHERE MILLWORK IS PRESENT PRIOR TO ROUGH-IN. DO NOT ROUGH-IN BEHIND CABINETS, DRAWERS, ETC RENDERING DEVICE UNUSABLE.

D. CONTRACTOR SHALL PROPERLY SEAL PENETRATIONS TO RATED ASSEMBLIES AND ALL EXTERIOR WALLS TO PROPERLY MAINTAIN RATING & ASSEMBLIES AND BUILDING ENVELOPE.

E. CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING ANY WORK TO BE DONE.

F. AS A MINIMUM ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.

G. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

H. RECEPTACLES WITHIN 6' OF A SINK OR LAVATORY SHALL HAVE GFCI PROTECTION.

I. ALL 120V 15A & 20 RECEPTACLES IN FOOD PREP AREAS SHALL BE GFCI PROTECTED AS REQUIRED BY NEC.

J. ALL NEW CIRCUIT BREAKERS WITHIN EACH EXISTING PANELBOARD SHALL BE THE SAME MANUFACTURER TYPE, STYLE AND A.I.C. RATING OF EXISTING PANELBOARD.

K. VERIFY REQUIREMENTS FOR ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.

L. EXHAUST FANS CONTROLLED VIA OCCUPANCY SENSOR (PROVIDED BY MECHANICAL; INSTALLED BY ELECTRICAL). REFER TO MECHANICAL PLANS AND COORDINATE WITH MECHANICAL.

M. REFER TO ARCHITECTURAL REFLECTED CEILING FOR ALL CEILING MOUNTED DEVICES.

N. CIRCUITS SHALL HAVE DEDICATED NEUTRALS. NEUTRALS SHALL NOT BE SHARED.

ELECTRICAL ABBREVIATION

Ø	PHASE	MCP	MOTOR CIRCUIT PROTECTOR
		MDP	MAIN DISTRIBUTION PANELBOARD
A	AMPERE	MECH	MECHANICAL
AC	ARMOR CLAD CABLE	MFS	MAIN FUSED SWITCH
AF	ABOVE FLOOR / AMPERE FRAME	MGP	MEDICAL GAS PANEL
AFCI	ARC-FAULT CIRCUIT INTERRUPTING	MI	MINERAL INSULATED CABLE
AFF	ABOVE FINISHED FLOOR	MIN	MINIMUM
AFI	ARC FAULT INTERRUPTING	MLO	MAIN LUGS ONLY
AHU	AIR HANDLING UNIT	MTD	MOUNTED
AIC	AMPERE INTERRUPTING CAPACITY	MTS	MANUAL TRANSFER SWITCH
AL	ALUMINUM	MV	MEDIUM VOLTAGE
AM	AMMETER		
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	NA	NOT APPLICABLE
ATS	AUTOMATIC TRANSFER SWITCH	NC	NORMALLY CLOSED
AV	AUDIO VISUAL	NEC	NATIONAL ELECTRICAL CODE
AWG	AMERICAN WIRE GAUGE	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
		NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
BAS	BUILDING AUTOMATION SYSTEM	NIC	NOT IN CONTRACT
BKBD	BACKBOARD	NO	NORMALLY OPEN
BKR	CIRCUIT BREAKER	NOC	NETWORK OPERATIONS CENTER
		NTS	NOT TO SCALE
C	CONDUIT		
CAT	CATALOG	OA	OUTSIDE AIR
CATV	CABLE ANTENNA TELEVISION	OC	ON CENTER
C/B	CIRCUIT BREAKER	OCPD	OVERCURRENT PROTECTIVE DEVICE
CBA	CODE BLUE ANNUNCIATOR PANEL	OD	OUTSIDE DIAMETER
CCTV	CLOSED CIRCUIT TELEVISION	OH	OVERHEAD
CKT	CIRCUIT		
CLG	CEILING	P	POLE
CM	CONSTRUCTION MANAGER	PB	PULLBOX/PUSHBUTTON
CO	COMPANY	PC	PERSONAL COMPUTER
CT	COUNTER TOP MOUNTED	PIE	PNEUMATIC - ELECTRIC
CTTS	CLOSED TRANSITION TRANSFER SWITCH	PH/*	PHASE
CU	COPPER	PNL	PANEL BOARD
C.U.	CONDENSING UNIT	PLC	PROGRAMMABLE LOGIC CONTROLLER
		PP	POWER POLE
DIA	DIAMETER	PSU	PATIENT SERVING UNIT
DIV	DIVISION	PT	POTENTIAL TRANSFORMER
DN	DOWN	PTZ	PAN/TILT/ZOOM
DWG	DRAWING	PVC	POLYVINYL CHLORIDE
		PWR	POWER
E	DENOTES EMERGENCY DEVICE		
EA	EACH	RCP	REFLECTED CEILING PLANS
EF	EXHAUST FAN	RE	REFER TO
EGS	ENGINE-GENERATOR SET	REC	RECEPTACLE
ELEV	ELEVATOR	REF	REFRIGERATOR
EMT	ELECTRICAL METALLIC TUBING	RF	RETURN FAN
EO	EQUIPMENT BY OWNER	RGS	RIGID GALVANIZED STEEL
EQUIP	EQUIPMENT	RM	ROOM
EWC	ELECTRICAL WATER COOLER	RUPS	ROTARY HYBRID UNINTERRUPTIBLE POWER SUPPORT
EXH	EXHAUST		
EXP	EXPLOSION PROOF	SCHED	SCHEDULE
		SF	SUPPLY FAN
FACP	FIRE ALARM CONTROL PANEL	SFL	SUB FEED LUGS
FACU	FIRE ALARM CONTROL UNIT	SFP	SURGICAL FACILITY PANEL
FCU	FIN COIL UNIT	SH	SHEET
FDS	FUSED DISCONNECT SWITCH	S/N	SOLID NEUTRAL
FI	FILM ILLUMINATOR	SPC	SPACE
FLR	FLOOR	SPEC	SPECIFICATION
FPU	FIELD PROCESSING UNIT	SPR	SPARE
FTL	FEED THRU LUGS	SS	STAINLESS STEEL
		STD	SHORT TIME DELAY
GA	GAUGE	STP	SHIELDED TWISTED PAIR
GE	GROUNDING EQUALIZER CONDUCTOR	STR	STARTER
GEN	GENERATOR	SWBD	SWITCHBOARD
GFCI	GROUND FAULT CIRCUIT INTERRUPTING	SWGR	SWITCHGEAR
GFI	GROUND FAULT INTERRUPTING		
GND	GROUND	TBB	TELECOMMUNICATIONS BONDING BACKBONE
		TC	TERMINAL CABINET
HC	HARMONIC CONDITIONING TRANSFORMER	TERM	TERMINAL
HF	HARMONIC FILTER	TEL	TELEPHONE
HFT	HARMONIC FILTER WITH INTEGRAL TRANSFORMER	TGB	TELECOMMUNICATIONS GROUNDING BUS BAR
HID	HIGH INTENSITY DISCHARGE	THD	TOTAL HARMONIC DISTORTION
HOA	HAND OFF AUTO	TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUS BAR
HP	HORSEPOWER	TR	TELECOMMUNICATIONS ROOM
HS	HARMONIC SUPPRESSION TRANSFORMER	TRANS	TRANSITION
HSKPG	HOUSEKEEPING	XFMR	TRANSFORMER
HTR	HEATER	TSER	TELECOMMUNICATIONS SERVICE ENTRANCE ROOM
		TV	TELEVISION
ID	INSIDE DIAMETER	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
IG	ISOLATED GROUND	TYP	TYPICAL
IMC	INTERMEDIATE METAL CONDUIT		
		UC	UNDERCOUNTER
JB	JUNCTION BOX	UG	UNDERGROUND
		UGP	UNDERGROUND PRIMARY
KV	KILOVOLT	UGS	UNDERGROUND SERVICE
KVA	KILOVOLT AMPERE	UPS	UNINTERRUPTIBLE POWER SUPPLY
KW	KILOWATT	USS	UNIT SUBSTATION
KWH	KILOWATT HOUR	UTP	UNSHIELDED TWISTED PAIR
LA	LIGHTNING ARRESTOR	V	VOLT
LP	LIGHT POLE	VA	VOLT-AMPS
LS	LIFE SAFETY	VFD	VARIABLE FREQUENCY DRIVE
LTD	LONG TIME DELAY	VM	VOLTMETER
LTG	LIGHTING	VSD	VARIABLE SPEED DRIVE
MAX	MAXIMUM	W	WATT
MATV	MASTER ANTENNA TELEVISION	W/	WITH
MC	METAL CLAD CABLE	WP	WEATHERPROOF
MCB	MAIN CIRCUIT BREAKER		
MCC	MOTOR CONTROL CENTER		

ADG ENGINEERING

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Project No. 25004

AQ STUDIOS
ARCHITECTURE

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
DAVID B. STELLY
License No. 29070
12/05/2025
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

GENERAL INFORMATION

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	SS
Checked by	DS

E3.01

Scale 1" = 1'-0"

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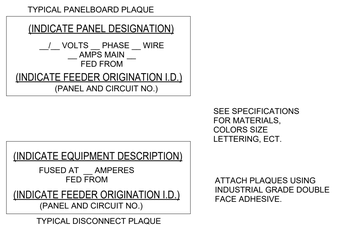
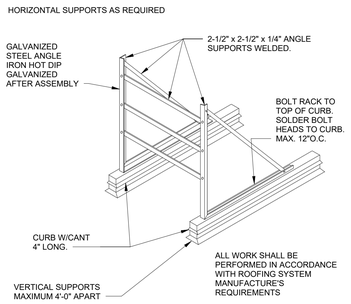


SEE SPECIFICATIONS FOR MATERIALS, COLORS SIZE LETTERING, ECT.

ATTACH PLAQUES USING INDUSTRIAL GRADE DOUBLE FACE ADHESIVE.

1 ELECTRICAL EQUIPMENT SIGNAGE DETAIL
1" = 1'-0"



2 ROOF MOUNTED UNISTRUT DETAIL
1" = 1'-0"

AGREEMENT FOR SINGLE USE OF ELECTRONIC (CAD) MEDIA
ADG ENGINEERING

At your request, and at a cost of $10.00 per drawing sheet, to facilitate the preparation of shop drawings or submittals, we will provide electronic files for your singular, limited use specifically on the project in question, subject to the following terms and conditions:

The electronic files are compatible with AutoCad 2010. We make no representation as to the compatibility of these files with your hardware or your software beyond the specified release of the referenced specifications. CAD files remain the property of the Engineer of Record and in no case shall the transfer of these files be considered a sale.

Data contained on these electronic files is part of the design professionals instrument of service and shall not be used by you or anyone else receiving this data through or from you for any purpose other than as source of information for the referenced project and shall not be relied upon as an authoritative source of data for design or layout. Any use by your organization or by others will be at your sole risk and without liability or legal exposure to ADG, Inc. You agree to make no claim and hereby waive, to the fullest extend permitted by law, any claim or cause of action of any nature against ADG, Inc. its officers, directors, employees, agents or subconsultants which may arise out of or in connection with your use of the electronic files.

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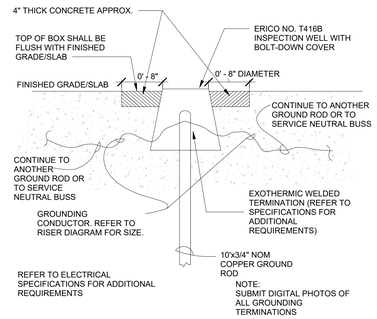
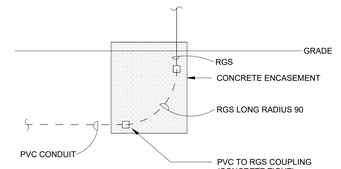
By requesting electronic media, requestor is acknowledging acceptance of all verbiage contained in this form. See specifications for additional information.

3 AGREEMENT FOR SINGLE USE OF ELECTRONIC (CAD) MEDIA
12" = 1'-0"

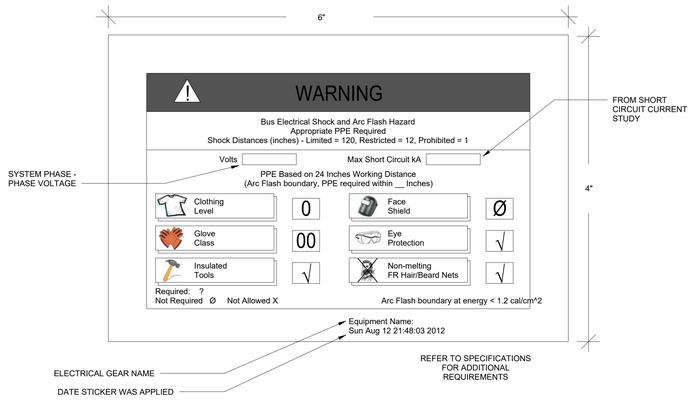


4 TYPICAL GROUND ROD INSTALLATION
1" = 1'-0"

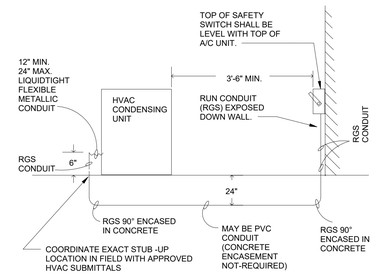


NOTE:
SUBMIT DIGITAL PHOTOGRAPHS OF INSTALLATION PRIOR TO POURING CONCRETE AND AFTER POURING CONCRETE.

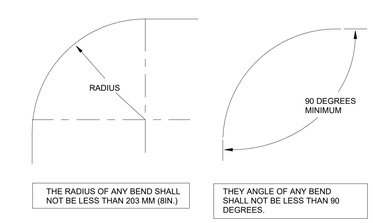
5 TYPICAL UNDERGROUND STUB-UP DETAIL
12" = 1'-0"



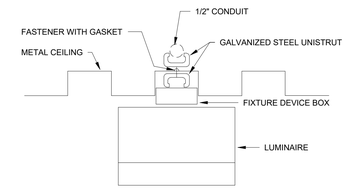
6 ARC FLASH LABELING DETAIL
12" = 1'-0"



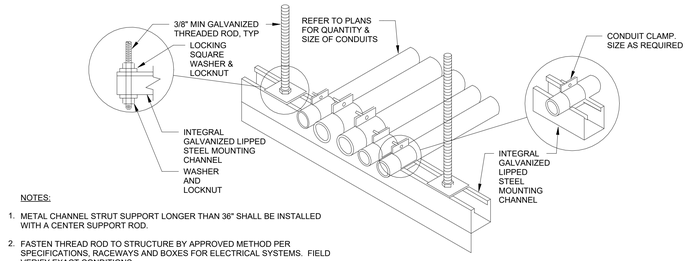
7 TYPICAL HVAC CONDENSING UNIT INSTALLATION DETAIL
1" = 1'-0"



8 ACCEPTABLE GROUND CONDUCTOR BENDING
1" = 1'-0"



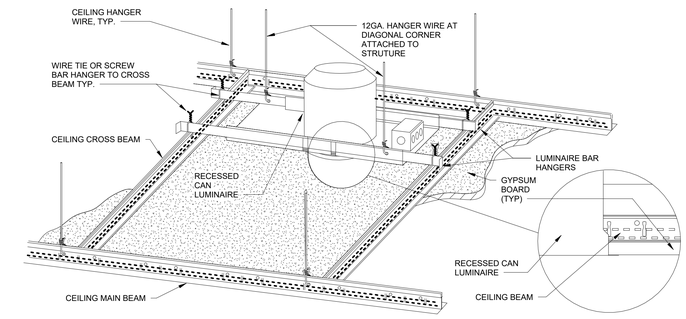
9 CANOPY FIXTURE MOUNTING DETAIL
1" = 1'-0"



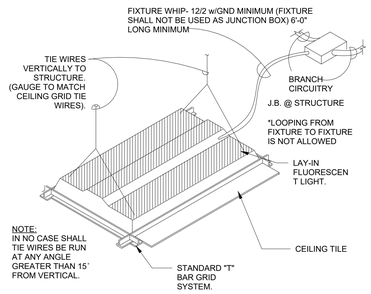
NOTES:

1. METAL CHANNEL STRUT SUPPORT LONGER THAN 36" SHALL BE INSTALLED WITH A CENTER SUPPORT ROD.
2. FASTEN THREAD ROD TO STRUCTURE BY APPROVED METHOD PER SPECIFICATIONS, RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS. FIELD VERIFY EXACT CONDITIONS.
3. FOR TRAPEZE INSTALLATIONS IN SEISMIC AREAS REFER TO SPECIFICATIONS, SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS.

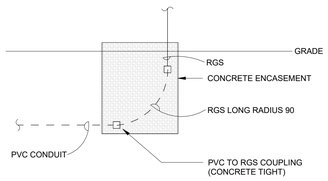
10 CONDUIT TRAPEZE MOUNTING DETAIL
12" = 1'-0"



11 DOWNLIGHT MOUNTING-GYPBOARD CEILING DETAIL
12" = 1'-0"

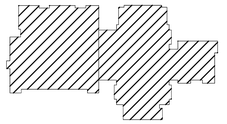


12 TYPICAL LIGHT FIXTURE INSTALLATION
12" = 1'-0"



NOTE:
SUBMIT DIGITAL PHOTOGRAPHS OF INSTALLATION PRIOR TO POURING CONCRETE AND AFTER POURING CONCRETE.

13 TYPICAL UNDERGROUND STUB-UP DETAIL1
12" = 1'-0"



AQ STUDIOS
ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
DAVID B. STELLY
License No. 25070
12/05/2025
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

ELECTRICAL DETAILS

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AQ Studios Project Number	24009
Date	12/05/2025
Drawn by	SS
Checked by	DS

E3.02

Scale	As indicated

ADG ENGINEERING

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Project No. 25004

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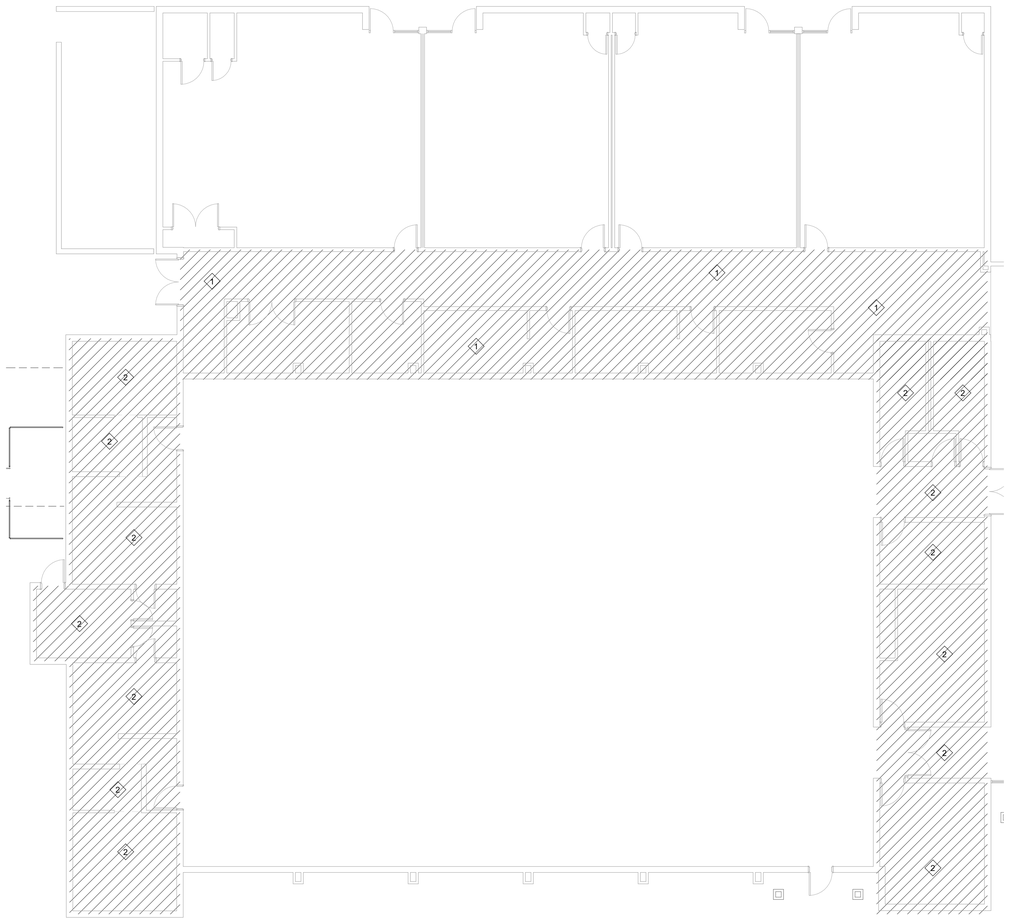


1 FIRE PROTECTION PLAN - AREA A
1/8" = 1'-0" NOTE: REFER TO ARCHITECTURAL PLANS FOR ALL DIMENSIONS

FIRE PROTECTION GENERAL NOTES:

1. FP SHEETS INTENDED AS CONCEPTUAL DRAWINGS AND ARE FOR INFORMATION ONLY TO SHOW POTENTIAL SYSTEM ARRANGEMENTS. THE CONTRACTOR SHALL REVIEW THE ARCHITECTURAL DRAWINGS AND FIELD VERIFY ALL INFORMATION CONTAINED ON THESE DRAWINGS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF THE SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES AND REQUIREMENTS, INCLUDING BUT NOT LIMITED TO NFPA AND ALL OTHER AUTHORITIES HAVING JURISDICTION.
2. ALL ABOVE GROUND PIPE FOR PROJECT WETPIPE SYSTEM 1-1/2" AND LESS IN DIAMETER IS TO BE SCHEDULE 40 BLACK STEEL AND SHALL UTILIZE CUT THREADS AND CLASS 150 MALLEABLE IRON FITTINGS. ALL PIPE GREATER THAN 1-1/2" AND LESS THAN 6" IN DIAMETER SHALL BE SCHEDULE 40 BLACK STEEL AND SHALL UTILIZE ROLLED GROOVES AND LISTED GROOVED END FITTINGS WITH RUBBER GASKETS. LISTED WELDED FITTINGS MAY ALSO BE UTILIZED. PIPE 6" AND GREATER IN DIAMETER SHALL BE SCHEDULE 10 BLACK STEEL PIPE AND SHALL USE ROLLED GROOVES AND LISTED ROLLED GROOVE FITTINGS WITH RUBBER GASKETS.
3. EXCEPT WHERE NOTED, SPRINKLER HEADS ARE TO BE LOCATED IN CENTER OF CEILING TILES.
4. PROVIDE SPARE HEADS AND WRENCHES IN CABINET MOUNTED ADJACENT TO SPRINKLER ENTRY AS PER NFPA 13 2016 EDITION.
5. RUN SPRINKLER PIPE AS HIGH AS POSSIBLE TO AVOID CONFLICTS WITH DUCTWORK, ACCESS TO MECHANICAL EQUIPMENT, ETC. PROVIDE COORDINATION DRAWINGS SHOWING ANY POTENTIAL CONFLICT WITH OTHER CONSTRUCTION INSTALLATIONS. SPRINKLER INSTALLATIONS THAT PREVENT THE INSTALLATION OF OTHER UTILITIES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS SHALL BE RELOCATED AT THE SPRINKLER CONTRACTORS EXPENSE.
6. ALL STORAGE SHALL BE MAINTAINED AT 18 INCHES OR GREATER BELOW CEILING.
7. IN ACCORDANCE WITH NFPA 101:9.11.2 AND NFPA 25:15.5 WHERE THE AUTOMATIC SPRINKLER SYSTEM IS OUT OF SERVICE, THE CONTRACTOR SHALL NOTIFY THE BUILDINGS IMPAIRMENT COORDINATOR AND WHEN SYSTEM IS OUT OF SERVICE FOR MORE THAN TEN (10) HOURS IN A TWENTY-FOUR (24) HOUR PERIOD, THE AUTHORITY HAVING JURISDICTION SHALL BE NOTIFIED, AND THE BUILDING SHALL BE EVACUATED OR AN APPROVED FIRE WATCH SHALL BE PROVIDED UNTIL THE SPRINKLER SYSTEM HAS BEEN RETURNED TO SERVICE. CONTRACTOR SHALL BEAR ALL COST INVOLVED IN PROVIDING APPROVED FIRE WATCH AND SHALL UTILIZE CAREFUL PLANNING AND PHASING OF THE PROJECT TO MINIMIZE THIS POSSIBILITY.
8. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED DEVICES.
9. CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MECHANICAL FLOOR PLANS FOR FLOOR PLAN LAYOUTS. PRIOR TO SUBMISSION OF SHOP DRAWINGS, REVIEW ARCHITECTURAL LAYOUTS. FURNISH HEADS AS REQUIRED BY ARCHITECTURAL SHEETS, BY NFPA 13 2022 EDITION, AND AS SHOWN ON FIRE PROTECTION PLANS FOR A COMPLETE SYSTEM FULLY COVERING WORK AREAS IDENTIFIED ON ARCHITECTURAL DRAWINGS. COORDINATE EXACT HEAD LOCATIONS WITH JOB CONDITIONS, STRUCTURAL, PIPING, CONDUIT, ETC. AS WELL AS FINAL REFLECTED CEILING LAYOUTS. COORDINATE WITH OTHER SUBCONTRACTORS THROUGH GENERAL CONTRACTOR WHERE CONFLICTS ARISE BETWEEN DUCTWORK OR GRAVITY PIPING SYSTEMS. OFFSET SPRINKLER PIPING AS REQUIRED FOR CONFLICT RESOLUTION.
10. PROVIDE UPRIGHT QUICK RESPONSE HEADS WITH WIRE GUARDS BENEATH ALL EXPOSED DUCTWORK OR OBSTRUCTIONS FOUR (4) FEET OR GREATER IN WIDTH.
11. FOR DESIGN PURPOSES, THE SYSTEM DESIGNER SHALL REDUCE THE AVAILABLE FLOW IN GPM BY TEN (10) PERCENT AND THE STATIC AND RESIDUAL PRESSURES BY 5 PSI BELOW THAT OBTAINED DURING FLOW TEST. EXAMPLE, 1,000 GPM FLOW WOULD BE 900 GPM, 52 PSI STATIC IS 47 PSI FOR DESIGN PURPOSES AND 41 PSI RESIDUAL WOULD BE 36 PSI. UTILIZE ADJUSTED PRESSURES FOR HYDRAULIC DESIGN.
12. THE BUILDING IS TO BE FULLY SPRINKLED, INCLUDING ANY AREAS WITH CONCEALED COMBUSTIBLE CONSTRUCTION.
13. ALL PIPE, FITTINGS, VALVES, ETC. SHALL BE LISTED FOR A MINIMUM OF 175 PSI.
14. ALL SPRINKLER HEADS IN ELEC./TEL. ROOMS SHALL BE 200 DEGREE FAHRENHEIT RATED.
15. CONTRACTOR SHALL PROVIDE AND INSTALL SPRINKLER HEADS, PIPING, VALVES, HANGERS, ETC. AS REQUIRED FOR COMPLIANCE WITH NFPA 13 2022 EDITION AND REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.
16. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PREPARATION OF FIRE PROTECTION SHOP DRAWINGS, CALCULATIONS, AND FEES AS REQUIRED FOR FINAL APPROVAL OF SYSTEM BY ALL AUTHORITIES HAVING JURISDICTION.
17. DESIGN AND INSTALLATION OF AUTOMATIC SPRINKLER SYSTEM SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF NFPA 13 2022 EDITION.
18. WHERE THE PROJECT INVOLVES MODIFICATIONS TO EXISTING SYSTEM HEADS AND PIPING, CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO LOOK AT THE EXISTING SYSTEM PIPING. CONTRACTOR SHALL INCLUDE IN HIS PRICE FOR THE PROJECT, ANY MODIFICATIONS TO THE EXISTING SYSTEM PIPING AS REQUIRED TO SUPPLY THE FLOW AND PRESSURE REQUIRED TO PROVIDE AN NFPA 13 CODE COMPLIANT SYSTEM.
19. CONTRACTOR SHALL NOT USE BEAM CLAMPS TO HANG PIPE FROM METAL PURLINGS. USE SAMMY SUPER SCREW ONLY INSTALLED ON SIDE OF PURLING.
20. "PROVIDE" SHALL MEAN "FURNISH AND INSTALL" WHERE USED.

FIRE PROTECTION KEYNOTES:

1. REMOVE EXISTING SPRINKLER HEADS AND MODIFY EXISTING SYSTEM PIPING IN THIS AREA AS REQUIRED FOR REMOVAL AND REPLACEMENT OF HVAC DUCTWORK. COORDINATE WITH MECHANICAL CONTRACTOR ON ROUTING OF NEW HVAC DUCTWORK, AS TO AVOID CONFLICTS WITH SPRINKLER PIPING. NEW SPRINKLER HEADS ARE TO THE MODEL TYPE AND K-FACTOR OF EXISTING.
2. AS PART OF ALTERNATE NUMBER ONE (1), REMOVE EXISTING SPRINKLER HEADS AND MODIFY EXISTING SYSTEM PIPING IN THIS AREA AS REQUIRED FOR REMOVAL AND REPLACEMENT OF HVAC DUCTWORK. COORDINATE WITH MECHANICAL CONTRACTOR ON ROUTING OF NEW HVAC DUCTWORK, AS TO AVOID CONFLICTS WITH SPRINKLER PIPING. NEW SPRINKLER HEADS ARE TO THE MODEL TYPE AND K-FACTOR OF EXISTING.

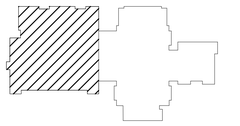
REMOVE AND REPLACE SPRINKLER SYSTEM THIS AREA

NOTE:

CONTRACTOR SHALL SUBMIT THREE (3) FULL-SIZE, TO-SCALE, AUTOMATIC SPRINKLER PROTECTION SYSTEM SHOP DESIGN DRAWINGS, THREE (3) SETS OF MANUFACTURER'S EQUIPMENT CATALOG DATA SHEETS, AND THREE (3) SETS OF HYDRAULIC CALCULATIONS TO DIVISION OF SAFETY AND RISK MANAGEMENT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

NOTE:

FIRE PROTECTION DESIGN INTENT IS TO RELOCATE EXISTING SPRINKLER SYSTEM TO AVOID CONFLICTS WITH THE REPLACEMENT OF THE EXISTING HVAC SYSTEM. CONTRACTOR SHALL REFER TO ALL MECHANICAL PLANS FOR EXISTING AND NEW HVAC DUCT ROUTING AND DETERMINE IF SPRINKLER SYSTEM IS TO BE REMOVED AND REPLACED FOR THE CONFLICTING AREAS.



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Project No. 25004

AQ STUDIOS
ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
R. CRAIG CAMPBELL, III
Certified Professional
25795
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

FIRE PROTECTION PLAN - AREA A

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Checked by	CC

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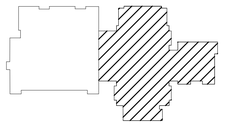
FIRE PROTECTION KEYNOTES:

1. REMOVE EXISTING SPRINKLER HEADS AND MODIFY EXISTING SYSTEM PIPING IN THIS AREA AS REQUIRED FOR REMOVAL AND REPLACEMENT OF HVAC DUCTWORK. COORDINATE WITH MECHANICAL CONTRACTOR ON ROUTING OF NEW HVAC DUCTWORK, AS TO AVOID CONFLICTS WITH SPRINKLER PIPING. NEW SPRINKLER HEADS ARE TO THE MODEL TYPE AND K-FACTOR OF EXISTING.

2. APPROXIMATE LOCATION OF EXISTING SPRINKLER MAIN TO BE REPLACED. CONTRACTOR SHALL INCLUDE IN PRICE, COST TO REPLACE SIX (6) FEET OF FOUR (4) INCH SCHEDULE 40 SPRINKLER PIPING. FIELD VERIFY LOCATION AND DIAMETER OF PIPE.

1 FIRE PROTECTION PLAN - AREA B
1/8" NOTE: REFER TO ARCHITECTURAL PLANS FOR ALL DIMENSIONS

REMOVE AND REPLACE SPRINKLER SYSTEM THIS AREA



NOTE:

CONTRACTOR SHALL SUBMIT THREE (3) FULL-SIZE, TO-SCALE, AUTOMATIC SPRINKLER PROTECTION SYSTEM SHOP DESIGN DRAWINGS, THREE (3) SETS OF MANUFACTURER'S EQUIPMENT CATALOG DATA SHEETS, AND THREE (3) SETS OF HYDRAULIC CALCULATIONS TO DIVISION OF SAFETY AND RISK MANAGEMENT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

NOTE:

FIRE PROTECTION DESIGN INTENT IS TO RELOCATE EXISTING SPRINKLER SYSTEM TO AVOID CONFLICTS WITH THE REPLACEMENT OF THE EXISTING HVAC SYSTEM. CONTRACTOR SHALL REFER TO ALL MECHANICAL PLANS FOR EXISTING AND NEW HVAC DUCT ROUTING AND DETERMINE IF SPRINKLER SYSTEM IS TO BE REMOVED AND REPLACED FOR THE CONFLICTING AREAS.

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AQ STUDIOS
ARCHITECTURE

KEY PLAN

Construction Documents

No.	Description	Date

STATE OF LOUISIANA
R. CHRISTOPHER CAMPBELL II
No. 39,200
12/5/25
PROFESSIONAL ENGINEER

CHITIMACHA TRIBE OF LOUISIANA

CHITIMACHA SCHOOL - HVAC & ROOF REPLACEMENT

FIRE PROTECTION PLAN - AREA B

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