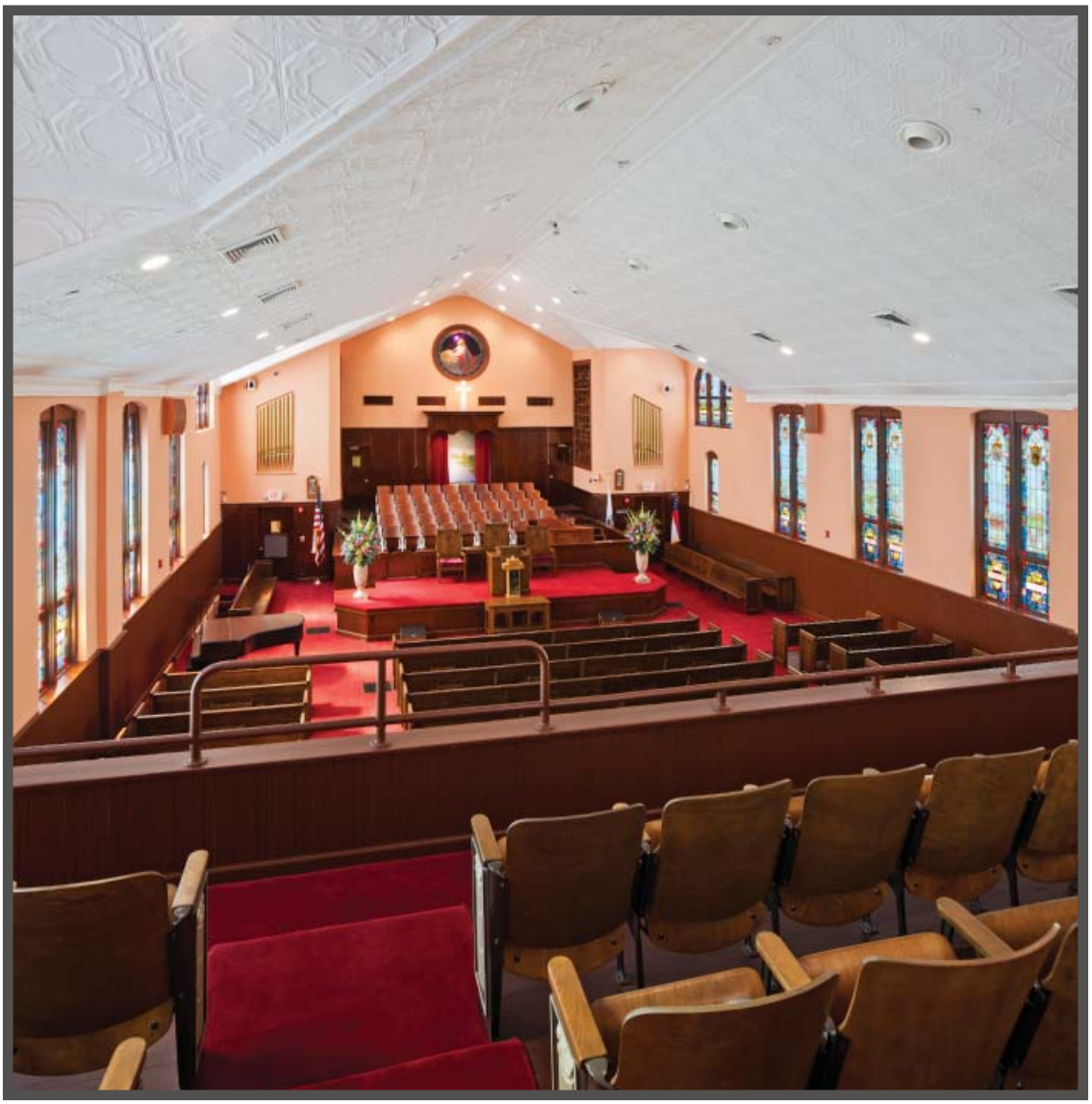
Ebenezer Baptist Church

Historic Structure Report Part III

Record of Treatment



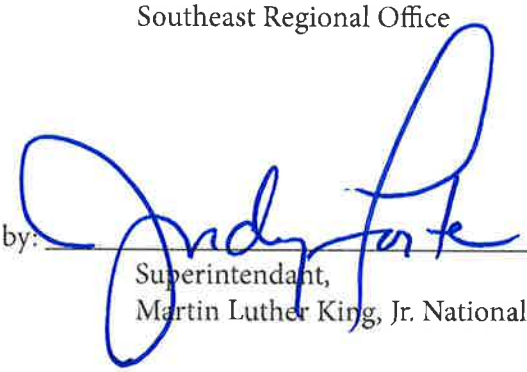
Martin Luther King, Jr. National Historical Park
2018

Previous page, Image of the fully restored sanctuary included the replication of choir seating and restoration of the baptismal font, Ebenezer Baptist Church, Atlanta, GA. © 2011 Jonathan Hillyer Photography, Inc.

Recommended by: 

Chief, Cultural Resources Stewardship,
Southeast Regional Office

8/27/18
Date

Concurred by: 

Superintendant,
Martin Luther King, Jr. National Historical Park

8/18/18
Date

Concurred by: 

for Regional Director, Southeast Region

8/30/18
Date

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Executive Summary

The final bound copies of the Part I and Part II Historic Structure Report for Ebenezer Baptist Church were printed in January of 2001 after a year and a half of study and investigation. As the HSR was being finalized, the first phase of a decade-long restoration was just beginning to get underway. This Part III report documents Phase I and Phase II of that restoration work performed on the building. These were the two primary phases of the restoration work and included the majority of the restoration of the church. Although subsequent, more limited, work scopes did occur, they are not included in this report, but may be added to the record of treatment in the future.

Project Understanding

The National Park Service retained Lord Aeck Sargent to produce a HSR Part III report for Ebenezer Baptist Church in June of 2017. Lord Aeck Sargent had previously served as the architect for the Phase I and II restoration. The scope of work includes the research and investigation into the restoration project that occurred between 2001 and 2011 with any additional scope dedicated to documenting construction activities following the completion of work in 2011. While the research portion is predominantly focused on archives held at the Martin Luther King, Jr National Historic Site (re-designated in 2018 as the Martin Luther King, Jr. National Historical Park) and Lord Aeck Sargent offices, the investigation also includes on-site documentation of the church with a focus on the condition of work documented in the report.

Due to budget constraints for this project, the team agreed to exclude project information occurring after the Phase II Restoration work, though some information is still provided for context. As well, the Technical Data section typically included in an HSR Part III was removed from the project scope, though some critical documents not available in the previously published HSR are reproduced in the appendices of this report.

Methodology

Lord Aeck Sargent (LAS) collected from the National Park Service (NPS) digital scans of all locally archived documents related to Ebenezer Baptist Church. Additionally, LAS accessed their own archives, both digital and physical, of documents related to work LAS did on Ebenezer from about 1998 to the present. Where information or documents were missing, LAS attempted to fill in these blanks through oral interviews and comments on drafts of this report with individuals formerly associated with the various projects or phases covered in this report.

Summary Chronology

Administrative Background

On October 10, 1980, the Martin Luther King, Jr. National Historic Site was established. In April of 1996, following more than a year of negotiation, NPS and the Ebenezer Baptist Church congregation executed a property exchange agreement that would place the historic Ebenezer Baptist Church sanctuary (EBC) with NPS and the congregation with land upon which they would build a new sanctuary. Following the completion of the New Horizons sanctuary, the last regular religious service held at EBC was Sunday, March 7, 1999. On October 28, 1999, the NPS officially took control of Ebenezer Baptist Church under a 50 year lease agreement with an option to renew for 49 years. Throughout the duration of the lease, the congregation maintains the right to use EBC through the submittal of Special Use Permits.

Preliminary Condition Assessment

On March 11, 1998, William Russell, AIA, of the Georgia Institute of Technology (GA Tech), along with Howard King, chair of the church's building and ground committee, provided a preliminary condition assessment of the church building based on investigations conducted February 18, 1998. The focus of this investigation was on the roof framing, the balcony framing, and the courtyard between the church and the education building. A second inspection was conducted on February 27, 1998 with Mr. Russell, Mr. King, and Dan Scheidt (NPS Project Manager). This investigation focused on the masonry tower, exterior roof, and again on the courtyard between the church and the education building.

The 1998 preliminary condition assessment found that there were several "severe" roof leaks at the interface of

the roof and the masonry towers. The assessment also identified poor drainage in the courtyard as the source for plaster damage in the basement of the church, as well, that failing tower louvers and windows were allowing water into the tower structure. Recommendations were made to repair these identified conditions. A later scope of work statement for a building-wide condition assessment, released by NPS on June 24, 1999, states that in 1998-1999, "EBC underwent a stabilization project including reroofing and replacement of the wooden louvered openings in the tower to prevent further water infiltration damage."

It had been understood since prior to NPS stewardship of EBC that the historic sanctuary would be restored to a period of interpretation that included Dr. King's involvement with the property. The above work was approached as critical to 'drying-in' and structurally stabilizing the building while plans for the restoration were in development. By 1999, the process to define and gain approval for the restoration was underway.

Implementation, Planning, and Pre-Design

On May 19, 1999, NPS received a grant from the Save Americas Treasures program (SAT) for the restoration of the sanctuary. The SAT grant, along with private donations, did not cover the estimated cost of the entire restoration/rehabilitation, but were sufficient to fund a portion of the most critical repair items identified over the following year.

By June of 1999, NPS formalized and agreed to a project scope for the restoration of EBC. The work was to include the completion of an HSR (Title I), a value analysis, Title II services (schematic design, design development, construction document, etc.), contracting, and Title III services (construction administration). NPS engaged LAS to begin work on a condition assessment which was ultimately incorporated into the Part II of the Historic Structure Report (HSR). Architectural historian, Tommy Jones, was hired to complete the HSR.

On July 28, 1999, NPS completed a Mini-Value Analysis (VA). In the Mini-VA report, it is noted that LAS, under an IDIQ contract, developed a cursory estimate (prepared July 9, 1999) for the restoration work. The Mini-VA endeavored to prioritize the list of construction scope items to achieve a target budget that represented the "minimally responsible scope for initial consideration". The Mini-VA described the next steps of the project as requiring a full Value Analysis followed by a review by the Servicewide Development Advisory Board (DAB).

Pre-Design

A task order contract with LAS for a more complete condition assessment was issued on August 27, 1999. The field work for the condition assessment was conducted in September and October and the final report approved on December 6. A class C cost estimate was produced in conjunction with this condition assessment. The condition assessment "was limited to the exterior envelope of the building, its structural, mechanical, electrical, plumbing, and fire protection systems and a life safety and accessibility analysis."

A full Value Analysis was completed in November of 1999. The result was a recommendation to divide the project into two phases with the first phase dealing with critical repairs and improvements and the second phase predominantly with finish restoration in the Sanctuary and Fellowship Hall. Phase I would be paid for with the SAT grant and matching private donations. A February 5, 2000, NPS Project Report approved the preferred alternative approach that divided the restoration project into two phases.

In February and March of 2000, the NPS agreed to internally supply a detailed paint analysis for the EBC project. This document would eventually be incorporated into the HSR. The paint analysis was completed in May 2000.

Design and Construction Documents; Phase 1
In March 2000, a Phase I project scope was reviewed by the DAB and approved. By July, LAS was under contract to provide Title II services (construction documents) for this first phase. The work in this phase included installing a new HVAC system, installing a fire protection system, upgrading the electrical system to comply with code, upgrading the roof and ceiling structure, and mechanical room improvements.

Phase 1

In September of 2000, Keystone Restoration out of Palm Beach, Florida began a negotiated bid process

for the Phase I work. During this time, the HSR was largely complete and the Ultimate Treatment and Use for EBC, including the period of interpretation, was understood. Phase I work was developed in such a way so as not to interfere with any later work that would restore the Sanctuary and Fellowship Hall nor would preclude future interpretations of the later 1970s alterations. And, in fact, because much of the data from the HSR was available at the time, necessarily connected work items that may have fallen under Phase II, like repair and repainting of the Sanctuary ceiling after the installation of HVAC systems, were done according to recommendations in the HSR.

At the March 19th, 2001 kick-off preconstruction meeting for Phase I work, attendees included NPS staff, Keystone Restoration staff, and representatives from Bardi Heating and Air, Bius-Todd Electric, and Division 5 Erection. A Notice to Proceed was issued on April 2, 2001 and followed by a project schedule with a projected completion date of August 31, 2001. Funding shortfalls delayed the project in August and September of 2001, but were quickly resolved through a national radio fundraising campaign. Phase I work was completed around February 2002.

Pre-Design; Phase II

In May 2002 NPS produced a design analysis draft that defined the scope of Phase II, Title I study and design work, which included repair and restoration of the exterior, new lightning protection, and the restoration of the stained glass windows, doors, flooring, wainscot, and baptistery, rehabilitation of the balcony, accessibility improvements, restoration and re-installation of the historic organ and Sanctuary furniture, and repairs to the courtyard planter drainage system that continued to plague the building.

Design and Construction Documents; Phase 2
LAS was contracted to begin Phase II, Title I design work in June 2002. A Kick-off meeting with LAS was held in July 2002. During the kick-off meeting it was noted that at that time a new chair lift was being installed in the east tower stair center rail "to reach the sanctuary level from the lobby". The meeting notes also indicate that, under the direction of NPS, the former men's room had been "reworked to be accessible", the original stage area "uncovered", the original ceiling of fellowship hall "preserved, repainted, and exposed in its original location", the kitchen equipment removed, and that the ceiling of the sanctuary was repaired and repainted under Phase I.

Following a value analysis workshop held in December 2002, it was determined that the Phase II project would follow the Ultimate Treatment and Use recommendations from the HSR, which allows for the retention of the 1970s alterations and the restoration of the sanctuary and fellowship hall to their 1956-1968 appearance. The Value Analysis Workshop resulted in VA Study #2002-170, dated December 2002. Further, it was determined that the planter drainage work would be completed prior to the bulk of Phase II work so that no further damage to the interior plaster would occur from rainwater seepage into the basement walls.

The Phase II project was officially approved by the DAB in February 2003 and by June, LAS was under way for Phase II, Title II, to provide construction documents.

In December 2003, an exterior stucco and mortar condition assessment and analysis was completed by Architectural Conservation Services.

In February 2004, a life safety and fire code analysis was completed and notes that the Phase II project will also include addressing handicap accessibility to the fellowship hall and restrooms and improving egress capacity for the sanctuary. The final Design Analysis for Phase II work was also completed in February 2004.

In June 2004 design documents were completed for the work on the planter drainage system in the courtyard between EBC and the Christian Education Building. By October, construction documents for the baptistery and fellowship hall stairs were issued. The Construction Package for all of the Phase II work was published on Feb. 9 2005.

Phase 2

By July 2005, the RFP for Phase II construction was issued. A bid was received in September 2005 from Keystone but was higher than the project budget. Following about two years of negotiations, a re-bid, more negotiations, revisions to the work scope, and finally, re-appropriation of funds to cover the remaining difference between bid and budget, the project was

awarded to Keystone Restoration. By June of 2007, LAS was under contract for the Phase II, Title III construction administration work.
Phase II construction began in September of 2007 and the church would remain closed to the public until April 2011 (except for King Day celebrations each January).

Towards the end of the Phase II project a sub-project was generated adding the installation of a three-stop lift in addition to the lift and exterior handicap ramp at the Jackson Street entrance to Fellowship Hall. The construction documents for this work were completed May 10, 2010.

Post Restoration Work

From February 2013 to July 2014 LAS again assessed the building envelope and produced a condition assessment for NPS in response to areas of localized water infiltration and damage.
From about 2014 on, a record of proposed work done to the building has been captured in Section 106 compliance documentation. Recent work includes minor repairs and maintenance, as well as, most recently, interior plaster repair and roof replacement in 2017/2018.

Project Completion Reports

The following section describes the projects completed concurrent with and following the publication of the Historic Structure Report, Parts I and II for Ebenezer Baptist Church. Note that a project was completed between 1998 and 1999 that included repairs to the roof and roof structure, as well as replacement or repair of the louvers in the tower, which is not well documented in the HSR. The project is referenced several times in archived documents alternatively as being a complete re-roofing or a partial repair of the roof. Period documents indicate that the project focused on one area of structural stress where the roof meets one of the masonry towers.

Each phase of work described below is followed by a table that summarizes the proposed work scope, identifies whether it was executed or not (or executed according to the construction documents or not), and describes the current condition of that work as observed between January and June 2018.

1999 – Remedial Repair and Maintenance work by the National Park Service

This work is not documented in detail but is noted in several archived documents. The work reportedly included roof repair, re-roofing, the replacement of tower louvers, and some structural remediation at the intersection of the main roof and one of the masonry towers.

The project was initiated by NPS following investigations by William Russell, AIA, of the Georgia Institute of Technology (GA Tech); Howard King, chair of the church's buildings and grounds committee, and Dan Scheidt, NPS Project Manager. Frank Catroppa was the Park superintendent during this time.

The contractors for this work are not known. Park Service employees, Andrew Callens, Victor Ector, Fred Gibbons, Judy Forte, Dennis McCarthy, David Ates, Richard Ramsden, Rene Cote, and others leading and participating in the maintenance of the building during that time may have additional information.

A condition assessment by LAS in 2014 indicated that the roofing and tower louvers were at or past their serviceable life and it is understood that both systems were repaired or replaced in 2017.

Work Scope	**Executed**	**Existing Condition (C. 2018)**
Structural Roof Repair	Yes	Specific locations not known, but evidence of structural interventions is present. No condition issues noted.
Re-Roofing	Yes	The 1999 roofing was replaced in 2017.
Repair of tower louvers	Yes	The louvers repaired or replaced in 1999 were identified in the 2014 condition assessment as requiring additional repair and maintenance.

April 2001-December 2001 - Phase I of EBC Restoration

The work in this phase included installing a new HVAC system, installing a fire protection and alarm system, upgrading the electrical system to comply with code, upgrading the roof and ceiling structure (including adding insulation to attic), and mechanical room improvements. In addition, the scope included repair of the main entrance doors, some gutter and downspout work, and repair work to the exterior stairs at the south end of the building. Additionally, from later reports, Phase I also included improvements to the former men's room in Fellowship Hall to convert it to an accessible toilet, "uncovering" of the original stage area, preservation and repainting of the ceiling in Fellowship Hall, removal of kitchen equipment, and repairing and repainting of the Sanctuary ceiling. At some point during this project, a backflow valve was also installed at the main sanitary sewer outlet.

The new mechanical system consisted of two new air-handling units mounted on platforms in the northwest and northeast towers. The ductwork and all related piping penetrate the tower wall and continue inside the roof/attic to connect with the rear (south end) of the building and the mechanical room on the Fellowship Hall level. Constructing access hatches/doors to the northeast tower from the balcony level, the mechanical platforms, and to the sound attenuation spaces was included in the scope of work as well. The third new air-handling unit was installed in the mechanical room and connected with new/reused ductwork for the Fellowship Hall. All remaining mechanical and electrical equipment was also installed in the mechanical room. Also included in this phase were the installation of the chiller unit, construction of the Utility Building in the south west corner of the parking lot, the installation of the electrical system in the Utility Building, and the connections from the utility building to the sanctuary building.

Removal of hazardous material was also included in this scope and was accomplished in conjunction with the installation of the major systems and related tasks.

This project, and the later Phase II and related restoration projects, began with a cursory condition assessment and cost estimate prepared by LAS in the summer of 1999 through a task order contract. A

more complete condition assessment and Class C cost estimate was prepared and delivered later in 1999. In February of 2000, after a Value Analysis conducted in the previous months, NPS approved Phase I of the restoration.

LAS provided construction drawings between 1999 and 2000. Keystone Restoration, Inc. bid on the project in September 2000 and was under contract by March 2001. Reginald Peoples, Project Manager with NPS, did construction administration in-house.

The project team included NPS staff, Keystone Restoration staff, and representatives from Bardi Heating and Air, Bius-Todd Electric, and Division 5 Erection.

The project was funded by a Save America's Treasures grant, NPS funds, and non-federal matching funds. The Phase I work was originally approved by the DAB for $1,337,515. The final cost of the Phase I work was $1,904,000.

Work Scope	**Executed**	**Existing Condition (C. 2018)**
Three new air-handling units - ductwork and all related piping	Yes	The air-handling units appear operable and in serviceable condition.
Access hatches/ doors to mechanical spaces and organ spaces	Yes	No observed issues with the access hatches and doors.
New chiller unit	Yes	The chiller unit appears operable and in serviceable condition.
Utility building	Yes	The utility building was not assessed.
Hazardous material abatement	Yes	n/a
Fire protection system	Yes	The fire protection system appears operable and in serviceable condition.
Roof and Ceiling structural improvements	Yes	Specific locations not known, but evidence of structural interventions is present. No condition issues noted.
Attic Insulation	No	No attic insulation was noted
Improvements to Mechanical Room	Yes	No observed issues with the mechanical room. There are no interior finishes in this area.
Repair to the main entrance doors	No	This work was done in Phase II.
Gutter and downspout work	No	Undefined gutter and downspout work was noted in Phase II documents as well. The 2014 condition assessment notes that low-quality modern gutters and downspouts were present on building, along with older, possibly historic gutters and downspouts.
Repairs to exterior stairs at the south end of the building	Unknown	These stairs were replaced in Phase II.
Improvements to the former men's room in Fellowship Hall	Unknown	All restrooms were upgraded in Phase II.
"Uncovering" of the original stage area	Unknown	Fellowship Hall was restored in Phase II, thus obscuring this work.
Preservation and repainting of the ceiling in Fellowship Hall	Yes	No observed issues with the ceiling.

Removal of kitchen equipment	Yes	This room is now used for storage.
Repairing and repainting of the Sanctuary ceiling	Yes	No observed issues with the ceiling.
Installation of backflow valve	Yes	A backflow valve was installed at City connection. Additional work in Phase II may have altered this work.

September 2007 – 2011 – Phase II of EBC Restoration

The scope of work of Phase II - Restoration of Ebenezer Baptist Church consisted of the interior of the Sanctuary, the interior of Fellowship Hall, and the exterior envelope.

The interior of the Sanctuary was painted according to the recommendations in the May 2000 Paint Analysis. Wall plaster was restored based on an analysis by Architectural Conservation Services. The pews were repaired and returned to their original finish condition and presented without cushions. The wood wainscot encircling the space was restored. The stained glass windows were fully restored including repairs to their frames and the operable lower awning windows. The scope included the rebuilding and re-installation of the 1960's Hill-Green-Lane pipe organ in its original locations in the organ chambers to the left and right of the pulpit and choir and an antiphonal at the rear of the Sanctuary, next to the balcony. The balcony itself was also rehabilitated and structurally reinforced to be accessible to the public. Additionally, the baptismal pool was restored to its original condition, though was not made to be operational.

The Fellowship Hall was restored to its 1968 appearance, including several new pendent light fixtures replicating the extant period lighting and custom 9x9 vinyl tile cut from 12x12 tile to replicate the historic asbestos containing tiles. The walls were selectively re-plastered and all windows restored. The exit ramp to Jackson Street was replaced by a stair and a handicap lift. The stairs up to the sanctuary were redesigned to look more like they appear in the 1956 drawings.

The exterior brick was selectively re-pointed based on an estimated percentage of required repointing. The perimeters of all window frames were sealed. The ground floor stucco was repaired and restored. All windows and doors were repaired and restored. The stained glass windows of the church were removed with their sashes, completely restored in a studio environment and then re-installed, without laminated glass protection or wire mesh. Protection for the stained glass windows was recommended at one time but concerns over adverse impacts to the stained glass from this intervention, a desire to see the stained glass clearly from the exterior, and as well as not having a history

of vandalism, led to the conclusion that this scope was not needed. However, protective screens were installed on the sidewalk-adjacent Fellowship Hall windows. New emergency exit stairs were installed at the south elevation of the church, attaching to the 1970s addition.

A stair lift and an exterior ramp were constructed in the Fellowship Hall at the Jackson Street entrance to the building. The location of the Jackson Street entrance, stair lift, and exterior ramp was moved during the design phase several feet to the north in response to recommendations in the HSR. The steel and concrete stair in the Fellowship Hall leading to the foyer was rebuilt to match the historic stair in look and finishes, but adapted to meet code requirements. Additional scope added in 2009 involved installing a new 3-stop lift that traverses 1.5 floors in the eastern stair tower. The construction documents for this work were completed May 10, 2010.

LAS was contracted to begin Phase II, Title I design work in June 2002. By June 2003, LAS was under way for Phase II, Title II, to provide construction documents. In December 2003, an exterior stucco and mortar condition assessment and analysis was completed by Architectural Conservation Services. In February 2004, a life safety and fire code analysis was completed by LAS. The final Design Analysis for Phase II work was also completed in February 2004.

The Project Manual for all of the Phase II work was published on Feb. 9 2005. The project was awarded to Keystone Restoration in April of 2007. By June of 2007, LAS was under contract for the Phase II, Title III construction administration work. Phase II construction began in September of 2007 and the church would remain closed to the public until April 2011.

The project team for the Phase II work included NPS staff, LAS as Architect, Keystone Restoration as Contractor, Eberly & Associates for Civil Engineering, Newcomb & Boyd for Mechanical, Electrical, and Plumbing, and Palmer Engineering for Structural.

The Phase II work was funded by NPS funds. The total budget of the Phase II work was initially set at $2,286,140. The 2002 Value Analysis produced work scopes within a range of about $2,000,000. The final project cost is not known at the time of completion of this document.

Work Scope	Executed	Existing Condition (C. 2018)
Installed hexagonal concrete pavers at Auburn Avenue	Yes	No observed issues with the hexagonal pavers.
Replace chain link fence along Jackson Street.	Yes	No observed issues with the chain link fence.
Cleaning and Re-pointing of Exterior Brick and Stucco	Yes	No observed issues with the exterior stucco. The 2014 Condition Assessment notes areas of brick that need repointing, mostly at the tower levels.
Reinforce Balcony Structural Systems and Balustrade	Yes	Not visible for assessment.
Install Handrails in Stair Tower	Yes	No observed condition with handrails.
Restore Baptismal Pool	Yes	No observed conditions with the restored baptismal pool.
Reinforce Sanctuary Floor and repair termite damage	Yes	Not visible for assessment.
Wood Work in Fellowship Hall	Yes	No observed conditions with Fellowship Hall woodwork.
Modify Jackson Street exit, install new stairs and handicap lift.	Yes	No observed conditions with the stairs, lift, or exit door.

New lift in east tower	Yes	The lift appears operable and in serviceable condition.
Reconfigure the Stair from the Fellowship Hall to the Sanctuary	Yes	Finishes on beadboard should be refreshed.
Replace Steel Pipe Columns in Fellowship Hall with Wood Columns	No	It was determined during the project that the combination of original wood columns and steel pipe columns was the condition that existed during the period of interpretation for this space.
Repair and Refinish Eave, Soffit, and Rake Board	Unknown	Recent roof replacement may have replaced or repaired these items; no condition issues were observed.
Install Gutters and Downspouts	No	Recent roof replacement may have replaced or repaired these items; no condition issues were observed, though it does appear that the existing gutters are not radius-profile copper as specified.
Repair and Restore Stained Glass Windows	Yes	Amber round glass in rear gable was also restored. Exterior wood elements require maintenance and new finishes.
Repair/ Restore the Fellowship Hall windows	Yes	Windows were reglazed and repaired. No condition issues were observed.
Repair/Restore Wood Doors at Main Entrance	Yes	Front Doors restored. Stained glass as well. New panic hardware installed. Doors are in need of maintenance/repair.
Reconfigure Doors from Stair into Sanctuary	Yes	No condition issues were observed.
Adjust Interior Door Hardware	Yes	No condition issues were observed.
Doors on the Fellowship Hall Level	Yes	No condition issues were observed.
Repair and Restore Interior Plaster	Yes	Several areas of interior plaster show signs of water damage. Additionally, preliminary assessment indicates low-quality gypsum in the plaster which is causing additional problems.
Remove Gypsum Wall Board from Wainscot and restore Wainscot	Yes	No condition issues were observed.
Repair/ Restore Mahogany South Paneling	Yes	No condition issues were observed.
Refinish interior painted surfaces	Yes	No condition issues were observed, excepting the areas of plaster damage.
Prepare Organ Spaces	Yes	No condition issues were observed.
Reinstall and Refinish Flooring at Balcony and Refinish Flooring at Sanctuary	Yes	Some of the flooring at the balcony has been badly damaged from sustained water damage.
Replace Carpet at Sanctuary	Yes	No condition issues were observed.
Rehabilitate Restrooms	Yes	No condition issues were observed.

Install Bird Control Devices	Yes	Not accessible for assessment.
Restore / Reinstall the Hill-Green-Lane Organ and Antiphonal	Yes	No condition issues were observed.
Restore, Replicate and Conserve Furnishings	Yes	The existing original finish was emulsified and restored.
Install Lightning Protection	Yes	Not accessible for assessment.
Install drinking fountain in Fellowship Hall	Yes	The drinking fountain was "out of order"
Repair Electric Heater in Entrance Lobby	Yes	Electric Heater is present and appears in repaired condition, but it is not known if it is operational.
Modify Sprinkler Heads in Organ Chambers	Yes	No condition issues were observed.
Replicate Fellowship Hall Lighting and Restore Exterior Lighting	Yes	No condition issues were observed.
Door replaced on mechanical room.	Yes	No condition issues were observed.

Summary

Considering the drawn out nature of the project due to funding shortfalls, rules and restrictions, which required phasing of the project; the fragmented and ever evolving processes and systems for managing information; the changing administrative requirements within and between the facility management division (FSD), the cultural resources division (CRM), the SERO budget office; and the generally parallel organizational structures in the park, pulling together a record of treatment of a project like this has been a major challenge.

However, considering these challenges, Ebenezer Baptist Church stands today as an excellently restored historic religious sanctuary that immediately evokes the period within which Dr. King spoke so eloquently and powerfully from its pulpit. Despite the challenges of completing a restoration of this scale, the end result is certainly a success. Of all of the work scope items documented and assessed in this report, there are only two that stand out as incomplete or in need of further treatment: the plaster condition at select locations in the towers, sanctuary and Fellowship Hall; and the incompatible modern downspouts and gutters.

Downspouts and Gutters

The existing gutters are D-profile aluminum and the downspouts are rectangular aluminum. Though the gutters and downspouts appear to be functioning properly, they do not match the historic condition and do not have as long a serviceable life as the gutters and downspouts that were specified.

Specifications issued for the Phase II restoration called for SMACNA Architectural Sheet Metal Manual, rectangular profile gutters and 6-inch, continuous, seamless, round-profile downspouts. The specifications also called for boot connectors to cast iron storm drains, which are not present on the Jackson Street side and rear of the building. The specified gutters are historically appropriate.

Interior Plaster

As water infiltration has plagued EBC throughout the restoration, the interior flat plaster finishes at exterior walls have continued to show signs of water damage, including staining, efflorescence, delamination, blistering, and sustained saturation. Various sources for the infiltration have been identified and addressed and it is presumed at the time of completion of this report that the building is now adequately dried-in. However, there are still areas along the floor of the basement level that are of concern and may be continuing to show signs of sustained wetness due to groundwater infiltration.

It is likely that the only solution to permanently eliminate groundwater infiltration from the basement would be complete excavation around the perimeter of the building and the application of a waterproofing membrane to the foundation and sub-grade walls. While this approach would likely solve the issue, it is also likely infeasible due to cost and logistics. As such, the importance of selecting a plaster and finish system that can stand up to sustained wetness becomes of paramount importance.

As noted in the 2001/2002 plaster analysis, plaster samples showed traces of gypsum and it was also noted that gypsum was used in many of the previous repairs. Gypsum is water soluble and will dissolve even in the presence of water vapor. When the gypsum water solution evaporates, the gypsum recrystallizes at many times its original size, creating pressure in the plaster that results in spalling, blisters, efflorescence, etc. In addition to the problem of gypsum, many modern paints act as a vapor and water barrier, retaining moisture that would otherwise quickly evaporate, and thus exacerbating the problem.

We recommend that all damaged areas of plaster and gypsum-containing areas of plaster be removed to a stable substrate and replaced with an appropriate natural hydraulic lime (NHL 2) plaster system. This system approximates the historic plaster, resists damage from water and water vapor, and is relatively straight-forward in preparation and application, making it a product that NPS can specify in regular maintenance cycles and as needed without additional consultation. As well, we recommend that all paint systems used to finish repaired plaster be breathable to allow water vapor transmission and evaporation.

Project Personnel

1999 – Remedial Repair and Maintenance

National Park Service - Client
Dan Scheidt, NPS Project Manager
Frank Catroppa, NPS Park superintendent

Restoration Phase I

National Park Service - Client
Deborah Rehn, Project Manager
Judy Forte, Superintendent
Dennis McCarthy, Project Manager
Reggie Peoples, Engineer, Program Manager

Keystone Restoration - Contractors
Al Pineda, President
Bruce Satterfield, Superintendent
Anthony J. Ferrantello, AlA, NCARB, Project Manager

Lord Aeck Sargent - Archtiects
Susan Turner – Principal in Charge
Klaus Roesch – Project Manager
Karen Gravel – Phase I documents

Eberly & Associates - Civil Engineers
Greg Delaney, Civil Engineer
Kevin Edwards, Civil Engineer

Newcomb & Boyd - MEP
Albert J. Marshall, PE
Steve Tonker, PE MEP
Eric Sherman, PE MEP
Chris P. Rousseau, PE Mechanical, Principal in Charge

Bius-Todd Electric Company, Inc. - Electrical

Bardi Heating & Air, Inc -HVAC subcotnractor
Shane Patterson PE

D & C Fire Protection - Fire Protection subcontractor
J Rogers

Ezekiel Construction, Inc. - Lift subcontractor
Serge Charles

Architectural Conservation Services, LLC
Andrew Ladygo, Stucco and Mortar Analysis

Restoration Phase II

National Park Service - Client
Deborah Rehn, Project Manager
Danita Brown, Historical Architect
Judy Forte, Superintendent
David Ates, Architect, Project Manager, COR

Keystone Restoration
Peter Holdness, Superintendent for Phase II work

Lord Aeck Sargent
Susan Turner, AIA – Principal in Charge
Klaus Roesch, AIA – Project Manager
Karen Gravel, AIA – Phase II documents
Julie Arnold – Support
Danita Brown, AIA – Construction Administrator
Eberly & Associates
Greg Delaney, Civil Engineer
Kevin Edwards, Civil Engineer

Palmer Engineering
Christopher DeBlois, PE, Structural Engineers
Tammy Dills, PE, Structural Engineers

Newcomb & Boyd - MEP
Albert J. Marshall, PE
Steve Tonker, PE MEP
Eric Sherman, PE MEP
Chris P. Rousseau, PE Mechanical, Principal in Charge

List of Documents included in the Appendices:

1. *Life Safety and Accessibility Analysis, September 1999*
2. *Phase I Condition Assessment Drawings, October 1999*
3. *Phase I 100% Construction Documents [UNLOCATED]*
4. *Phase I Project Manual, January 2001 [DIGITAL]*
5. *Historic Plaster Condition Survey and Mortar Analysis, November 2002*
6. *Phase II Construction Documents, June 2004-05*
7. *Phase II Project Manual, December 2004 [DIGITAL]*
8. *Repair of Planter Drainage, Project Manual, November 2003 [DIGITAL]*
9. *Repair of Planter Drainage, 100% Construction Documents, June 18, 2004*
10. *Lift and Ramp, 100% Construction Documents, May 25, 2010*

*Due to the large page counts of the Project Manual documents, these items are included in the digital appendices only. Digital appendices are located on the disc included within this report.

Life Safety and Accessibility

September 1999

Ebenezer Baptist Church
Part of the Martin Luther King, Jr. NHS, Atlanta, Georgia

Condition Assessment including Life Safety and Code Analysis

Life Safety Evaluation
Review of adequacy of life safety features relative to fire, storm, collapse, crowd behavior, and other related safety considerations. Topics: Human Behavior, Exit System, Construction and Structure, Contents and Finishes, Detection, Emergency Notification Procedures and Systems, Smoke Management, Fire Suppression Systems.

Contacted: Charles Longley at the Bureau of Building, City of Atlanta

PRINCIPAL APPLICABLE CODES:

Due the fact that the Ebenezer Baptist Church is now part of the National Park Service's holdings, the regulatory responsibilities need to be reviewed taking this into account. Further inquiries will be conducted to clarify relevant review and approval processes.

The City of Atlanta is currently using the 1997 Edition of the Life Safety Code and the 1994 edition of the Standard Building Code.

As a general guideline it can also be stated that the Bureau of Building and the Building Inspector have the final authority over life safety issues (not the fire marshal) and the Life Safety Code is the primary source of guidance within the jurisdiction of the City of Atlanta.

Accessibility: Official Code of Georgia Annotated: Title 30, Chapter 3.

Not applicable: Exemptions for Landmark Museum Buildings:
House Bill 839, March 29, 1984, as amended by House Bill 368, April 4, 1985

(It may be of interest to investigate what it takes to make the EBC a Landmark Museum Building and what advantages it would have.)

EVALUATION OF CODE COMPLIANCE

CONSTRUCTION TYPE

Chapter 6 Features of Fire Protection (LSC) and table 6-2.1. from NFPA 220
The classification still needs to be confirmed; however, a **general Type III or IV** classification is likely to be the result after additional investigation of building components can be completed.

Exterior Bearing Walls: solid brick masonry; brick and structural clay tile
Interior Bearing Walls: mixed construction - same as exterior walls
Supporting columns: wood columns in the Fellowship Hall

Beams, Girders, Trusses & Arches: still uncertain about materials
Floor Construction: most likely wood joists
Roof Construction: mixed construction

The Ebenezer Baptist Church is currently **not sprinklered** and apparently never had a sprinkler system installed.

OCCUPANCY CLASSIFICATION

According to the Life Safety Code Chapter 9, **Existing Assembly Occupancy**, the Ebenezer Baptist Church falls into this category: buildings used for gatherings of 50 persons or more for such purpose as deliberation, worship, entertainment, dining etc.

HEIGHT LIMITATIONS

List existing Zoning Classification of the property
Historic District Overlay
Building Height and capacity of parking lot

OCCUPANT LOAD

Chapter 3-2 LSC Definitions
Chapter 9-1.7 Occupant Load

Gross floor Area (inside perimeter of exterior walls) for the Fellowship Hall (1st Fl.):	**3,754 SF**
Gross floor Area (inside perimeter of exterior walls) for the sanctuary (2nd Fl.):	**5,028 SF**
Gross floor Area (inside perimeter of exterior walls) for the balcony (3rd Fl.)	**1,365 SF**
Total	**10,147 SF**

The 1st floor Fellowship Hall has currently no fixed seating but tables and chairs. The net area of the 1st floor, incl. the kitchen, amounts to **2,822 SF**.
If the permissible occupant load factor of **one person per 7 sq ft** (place of worship, auditorium, lodge hall etc.) is applied to the 1st fl. Fellowship Hall it results in an occupant load of **403 persons** for the 1st floor alone.

The occupant load for the 2nd and 3rd floor is calculated by using the number of people, which can be accommodated in pews and the available fixed seating. A-9-1.7.1 (d) the occupant load of an area having fixed seats shall be determined by the number of fixed seats installed. Pews and similar type seating: one person per 18 linear inches.

Fixed seating in the sanctuary (2nd floor), including choir loft and seating under the balcony: 486
Fixed seating on the balcony (3rd floor): 122
Total fixed seating in the sanctuary: **608 persons**

This results in a **total occupant load** for the building of **1,011 persons.**

MEANS OF EGRESS

LSC Section 9-2 Means of Egress Requirement

9-2.2.2 Doors
Doors complying with 5-2.1 shall be permitted.

All three exit doors in the 1st floor Fellowship Hall are 36" wide. The door on the east side, leading into the alley, does swing to the inside.

The two exit doors in the 2nd floor Sanctuary at the front of the church are 36" wide and the two doors at the rear of the church are a set of double doors each 60" wide.

The two doors from the Balcony level to the stairs are each 36" wide.

9-2.2.3 Stairs
Stairs complying with 5-2.2 shall be permitted

5-2.2.2. Dimensional Criteria for Stairs
5-2.2.2.1. (b) Existing Stairs Class B : Minimum width 44"
Max. riser 8"
Min. tread 9"

The existing stair in the west tower from the **main entrance** to the sanctuary has a minimum width of 46"; the same stairs in the west tower continue to the balcony level and lead down to the Fellowship Hall;

The existing riser height is 8"; there are a few steps, which vary distinctly from the 8" average;
The existing tread width varies between 10 ½" and 10 ¾";

The existing stair in the east tower from the **main entrance** to the sanctuary has a minimum width of 60" and continues to the balcony level at a width of 47"; the treads and risers are the same as in the west tower.

The existing stair between the doors at the **front of the sanctuary** and the fire escape stairs at the exterior of the church is only 36" wide.
The riser height is 8";
The existing tread width is 12";

The two metal fire escape stairs are 36" wide at the tread level; however, the vertical pickets and the hand rail reduce the actual width to approx. 32";

The stairs at the front/east side of the Fellowship Hall up to the Sanctuary are only 29" wide;

The ramp along the west wall of the Fellowship Hall to access the only exit door, which leads directly to the outside, is 36" wide, 30 feet long and has a slope of approx. 1:6; there is no midlevel landing.

9-2.3 Capacity of Means of Egress:

Capacity factors: Doorways, Passageways and Ramps .200 inches per seat/person cleared
Stairs .300 inches per seat/person cleared

Fellowship Hall (1st Floor)
The occupant load of the Fellowship Hall is 403 persons.

The direct exit route to Jackson Street is highly visible due to the ramp inside the hall and thus is likely to attract at least half of the occupants. However, the capacity factor for the ramp and the door of .200 allows only for 180 persons to leave through this means of egress.

The same would be true for the rear door, which leads to the stairs, which lead directly to the main entrance lobby on Auburn Ave. However, these stairs represent a capacity factor of .300 and therefore allow only 153 persons to exit this way.

The third exit route from the Fellowship Hall leads past the restrooms at the front east side of the hall, upstairs to the midlevel door which leads to the outside alley between the Church and the Christian Education Building. The stairs are 3 feet wide and thus the capacity factor is .300 and results in 120 persons. Note that the door to the alley is currently not swinging out but in.

The total number of persons, which are able to exit from the Fellowship Hall in case of an emergency is calculated to be 453. However, the 153 persons, who exit in the rear, up to the entrance lobby, are going to be confronted with the exiting persons from the sanctuary if the building is used on all levels. Given the probability for visitors and community members to have entered the Fellowship Hall through the rear door there is a high probability for them to try to exit the same way in case of an emergency. Thus the numbers of persons trying to exit will not follow an ideal mathematical distribution but the immediate recollection of how people had reached their present location and the wish to return via the same route as they had arrived.

Sanctuary and Balcony (2nd Floor)
The occupant load for the Sanctuary and the Balcony is 608 persons as defined by the fixed seating inventory.

The Sanctuary has 4 doors which lead to stairs and/or exit doors to the outside. Two doors are in the front wall of the Sanctuary and lead to a 3 foot wide stair, which lead to their respective exit door. However, the two exit doors share the same egress corridor and the exit passage may not be sufficiently protected.

The capacity factor of .300 for the stairs limits the number of persons to exit through these two doors to 240 persons (2x120).

The two doors at the rear of the Sanctuary are less restrictive then the stairs. The stairs in the west tower allows 153 people to leave the Sanctuary during an emergency. The stairs in the east tower allow 200 persons to reach the lobby. Between the two exit stairs a total of 353 persons will pass through the lobby during an emergency exit of the building. The capacity factor .200 for the main

double door (5'-11") from the lobby exiting onto Auburn Avenue allows 355 persons to exit the building. That means that the capacity of the stairs and the doors is rather well matched.

The total number of people who can use the means of egress is 595 through three exit doors. This does compare favorably with the total capacity load for the Sanctuary/Balcony of 608 people.

However, the problem area is the entrance lobby, which is likely to receive another 153 persons from the Fellowship Hall on the 1st floor during an emergency exit from the building. **The 5'-11" doors in the lobby will not be able to accommodate a total of 508 persons to leave the building within the parameters set by the Life Safety Code.**

5-6 Measurement of Travel Distance to Exits

A 5-6.1 Common Path, Dead End and Travel Distance Limits for
unsprinklered Existing Assembly

Common path: 20' Dead end: 20' Travel Distance: 150'

Definition of common path of travel: until two distinct ways to separate exits become available; Where stairs form part of an exit access rather than an exit, the travel over such stairs is included in the travel distance measurement.

Fellowship Hall (1st floor)
The existing travel distance from the main entrance to the rear door (north wall) of the Hall is 37 feet, which leaves 113 feet to cover the rest of the Fellowship. The overall length of the Hall is under 100 feet so that the travel distance falls well within the 150 feet range.

The existing travel distance to the outside door at Jackson Street consists of the length of the ramp (approx. 30 feet) to the door inside the Hall. The remaining 120 feet safely cover the rest of the floor.

The existing travel distance from the door at the front east corner of the Fellowship Hall to the alley exit door (east side) of the Hall is 38 feet, which leaves 112 feet to cover the rest of the Fellowship. The overall length of the Hall is under 100 feet so that the travel distance falls well within the 150 feet range.

Sanctuary (2nd floor)
The existing travel distance from either of the two rear double doors of the Sanctuary to the main entrance/exit on Auburn Avenue is 64 feet. The remaining 86 feet cover the rest of the Sanctuary. The overall length of the Sanctuary is less than 75 feet so that the travel distance falls well within the 150 feet range.

The existing travel distance from either of the two front doors of the Sanctuary to the fire escape stair at the south side of the church is 22 feet. The remaining 128 feet cover more than the rest of the Sanctuary.

Balcony (3rd floor)
The existing travel distance from either of the rear doors on the Balcony to the main entrance/exit on Auburn Avenue is 103 feet. The remaining 47 feet cover all sections of the balcony area, so that the travel distance falls well within the 150 feet range.

5-1.3.2. Exits

According to the LSC the rating for the exit separation has to be at least ONE hour. This relates to the walls and the doors of the stair enclosure and the exit passageway to the exit door.

The construction of the existing church tower walls is not yet definitely determined. However it appears to be of a kind which might qualify for a 1 hour rating. Additional investigation is required on this issue. The separation of the means of egress from the Fellowship Hall, the Sanctuary and the Balcony appears to be in place including appropriately rated doors with door closures.

Note:
Fire alarm system, exit signage, emergency lighting etc will be covered by the engineering report.

ACCESSIBILITY and CODE COMPLIANCE REVIEW

The Official Code of Georgia Annotated: Title 30, Chapter 3. provides the basis for the review. Due to the current scope of work this review will only highlight the major issues and concerns without analysis and recommendations.

From a general point of view, the Ebenezer Baptist Church has considerable difficulties to comply with the accessibility code due to the fact that the major level of the Sanctuary is on the second floor, approximately 12 feet above the public point of entry. The Fellowship Hall poses a similar problem due to its location below grade, at approximately 5 feet. The 5 feet level change was easier to deal with and a handicap ramp was installed to improve access to the Fellowship Hall. Currently there is no elevator in the building and no ramp to reach the entrance lobby, which is approx. 18 inches above the sidewalk grade.

Handicap parking

There is one handicap parking space marked in the parking lot immediately off Auburn Avenue, next to the driveway leading to the major parking area behind the church. This parking space lacks the appropriate spacing to exit the vehicle. The closest door from this space would be the front door of the Church. However, there are already two steps before the front door can be reached. The height difference from the sidewalk is approx. 14", without a ramp.

There is one other handicap parking area marked in the parking lot behind the church (south side). Starting from there a handicapped person in a wheelchair would move on to the level of the courtyard between the church building and the education building. From there the educational buildings first floor is relatively easy to be entered via a threshold, which, however, does not comply with the handicap code. The first floor of the education building does not provide an accessible route to the Sanctuary or the Fellowship Hall.

There are no other handicap parking areas designated.

Accessible Route to Fellowship Hall (1st floor)

An exterior door on Jackson Street (west side) has been retrofitted on the exterior side with a short plywood ramp to overcome the former granite sill height (the door was originally a window). A landing and ramp on the inside of the door allows handicap access to the floor of the Fellowship Hall. The ramp is continuous, 30 feet long, without a midlevel landing, and it does not provide an

appropriate handrail on either side. The height difference covered by the ramp is almost 5 feet and the slope is approx. 1:6.

There are three other ways to enter the Fellowship Hall, all of which are only accessible via stairs.

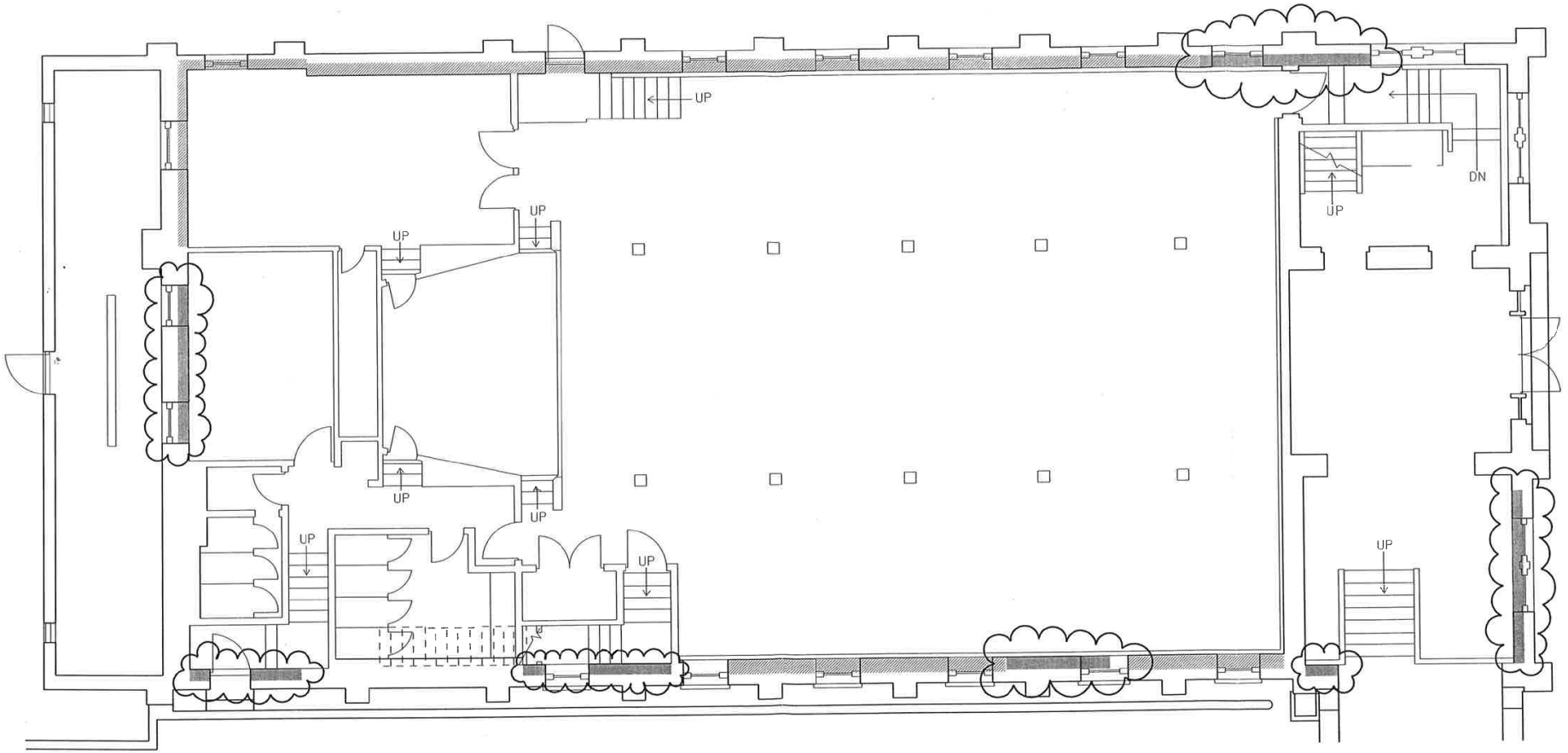
Accessible Route to Sanctuary (2nd floor)
The main entrance to the Ebenezer Baptist Church is on Auburn Avenue. The vestibule floor is approx. 15 inches above the level of the sidewalk, two concrete steps and a threshold up. There is no ramp to overcome this level change. Once a handicapped person is moved to the floor of the vestibule there are two separate chair lifts mounted next to the stairs in the east tower. These two lifts require the handicapped person to move onto the first chair, reach the landing, transfer to the second lift and than, having reached the Sanctuary level to be moved in another wheelchair to be able to move within the Sanctuary.

There is basically no acceptable accessibility route to the Sanctuary.

Accessibility Route to the Balcony (3rd floor)
The Balcony level can only reached from the Sanctuary level. There is currently no possibility to reach the Balcony on an accessible route.

Accessibility of Restrooms
The building has a group of restrooms on the 1st floor in the Fellowship Hall. These restrooms are not on an accessibility route for the building. They can be reached via the above described ramp. However, their internal layout and detailing does not comply with the handicap code.

Handicap Drinking Fountain
The only drinking fountain in the church building is installed at the entrance vestibule. The currently installed fountain does not meet the requirements of accessibility as stated in the code.



IDENTIFIES AREAS OF PLASTER DETERIORATION

INACCESSIBLE

N

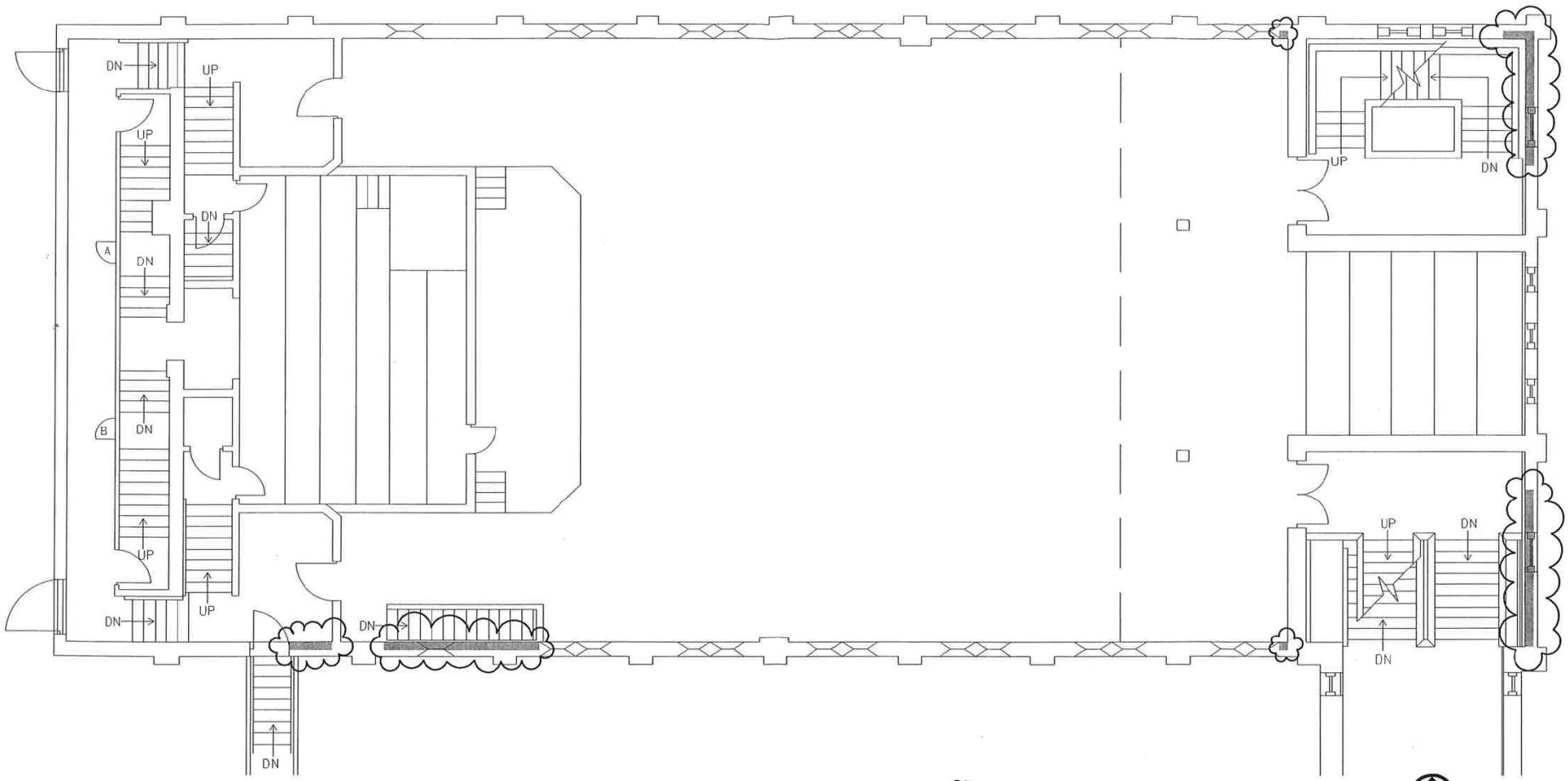
SCALE: 1/8" = 1'-0"

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHEAST REGION
ARCHITECTURE DIVISION

DESIGNED:
DRAWN:
TECH. REVIEW:
DATE: OCTOBER 1999

TITLE OF DRAWING
LEVEL 1 - FELLOWSHIP HALL
LOCATION WITHIN PARK
EBENEZER BAPTIST CHURCH
NAME OF PARK
M. L. KING JR. NATIONAL HISTORIC SITE
CLUSTER | COUNTY: FULTON | STATE: GEORGIA

DRAWING NO.
489
80,023
PKG. NO.
SHEET 1 OF 99

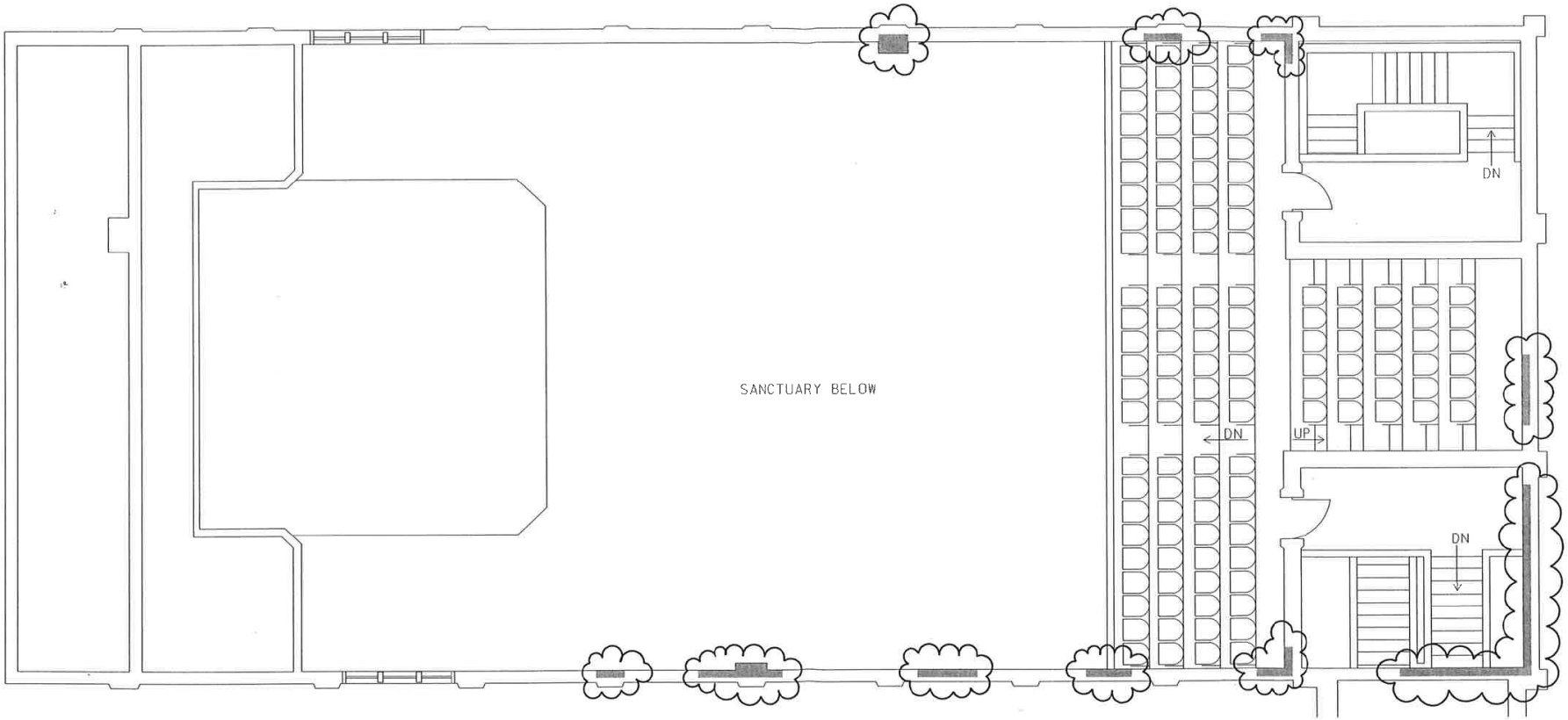


IDENTIFIES AREAS OF PLASTER DETERIORATION

N

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

UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DESIGNED DRAWN TECH. REVIEW DATE: OCTOBER 1999	TITLE OF DRAWING LEVEL 2 - SANCTUARY LOCATION WITHIN PARK EBENEZER BAPTIST CHURCH NAME OF PARK M.L.K. JR. NATIONAL HISTORIC SITE CLUSTER / COUNTY / STATE COUNTY NAME / STATE NAME	DRAWING NO. 489 80,023 PKG. NO. SHEET 2 OF 99



IDENTIFIES AREAS OF PLASTER DETERIORATION

N

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

UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DESIGNED DRAWN TECH. REVIEW DATE: OCTOBER 1999	TITLE OF DRAWING: LEVEL 3 - BALCONY LOCATION WITHIN PARK: EBENEZER BAPTIST CHURCH NAME OF PARK: M.L.K. JR. NATIONAL HISTORIC SITE CLUSTER / COUNTY: FULTON COUNTY / STATE: GEORGIA	DRAWING NO. 489 80,023 PKG. NO. SHEET 3 OF 99



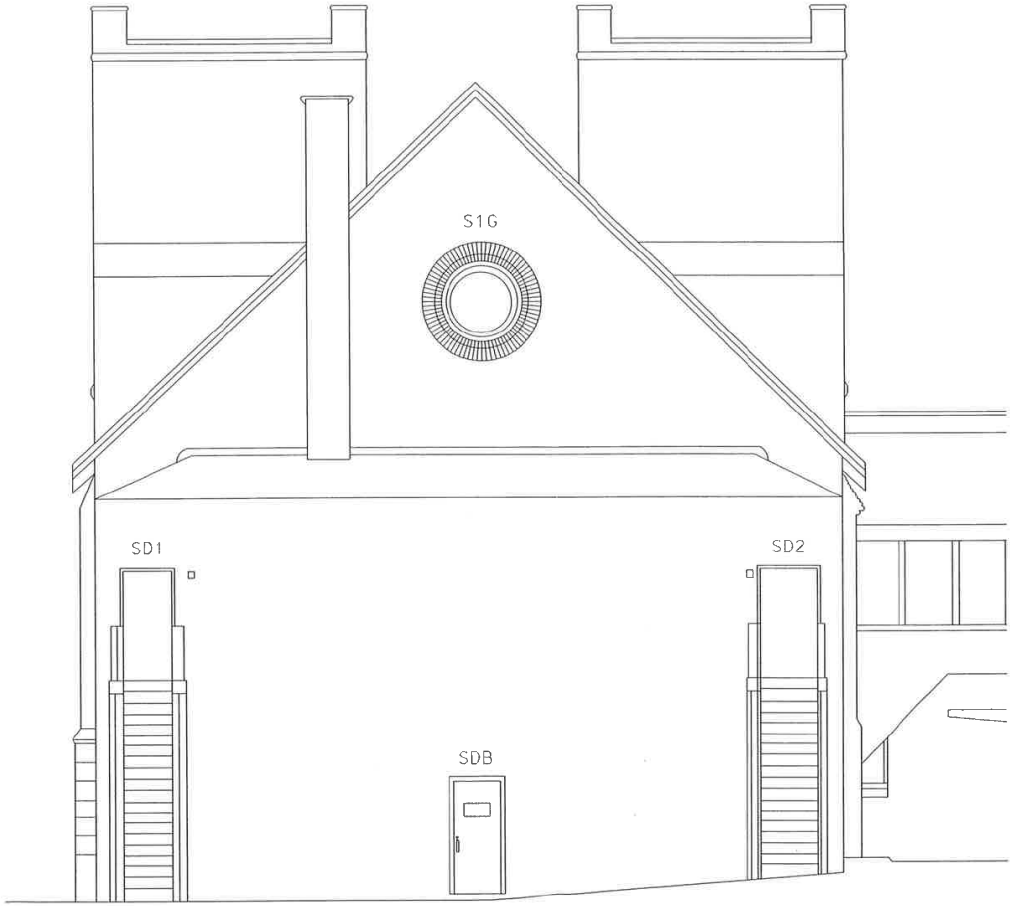
SCALE: 1/8" = 1'-0"

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHEAST REGION
ARCHITECTURE DIVISION

DESIGNED
DRAWN
TECH. REVIEW
DATE: OCTOBER 1999

TITLE OF DRAWING
WEST ELEVATION
LOCATION WITHIN PARK
EBENEZER BAPTIST CHURCH
NAME OF PARK
M.L.K. JR. NATIONAL HISTORIC SITE
CLUSTER / COUNTY / STATE
CLUSTER NAME FULTON COUNTY GEORGIA

DRAWING NO.
489
80,023
PKG. NO.
SHEET
4
OF 99



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

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHEAST REGION
ARCHITECTURE DIVISION

DESIGNED
DRAWN
TECH. REVIEW
DATE: OCTOBER 1999

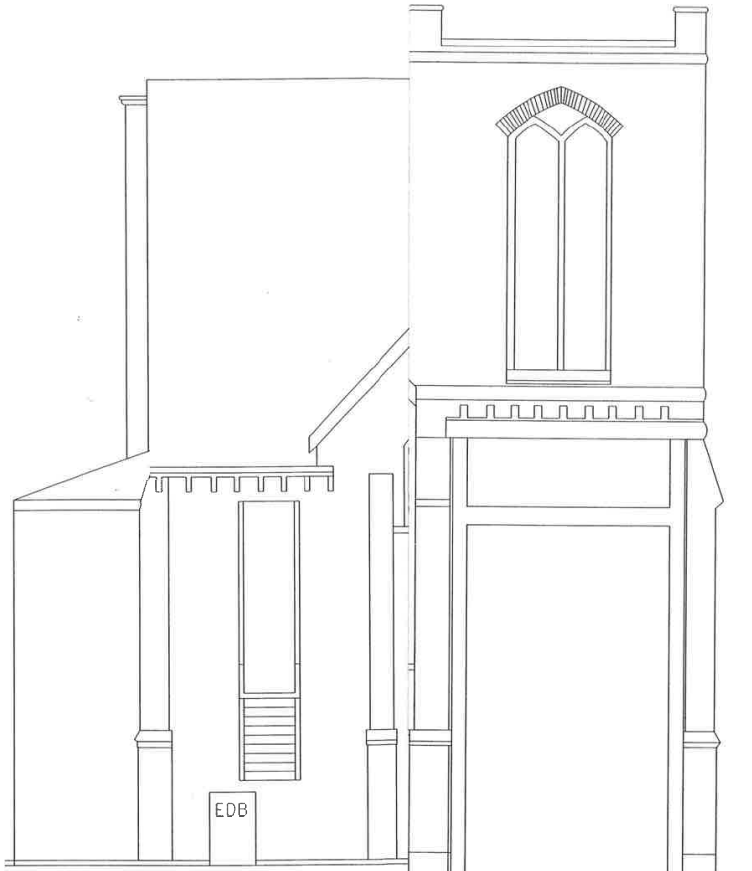
TITLE OF DRAWING
SOUTH ELEVATION
LOCATION WITHIN PARK
EBENEZER BAPTIST CHURCH
NAME OF PARK
M.L.K. JR. NATIONAL HISTORIC SITE
CLUSTER | COUNTY: FULTON COUNTY | STATE: GEORGIA

DRAWING NO.
489
80,023
PKG. NO.
SHEET
5
OF 99

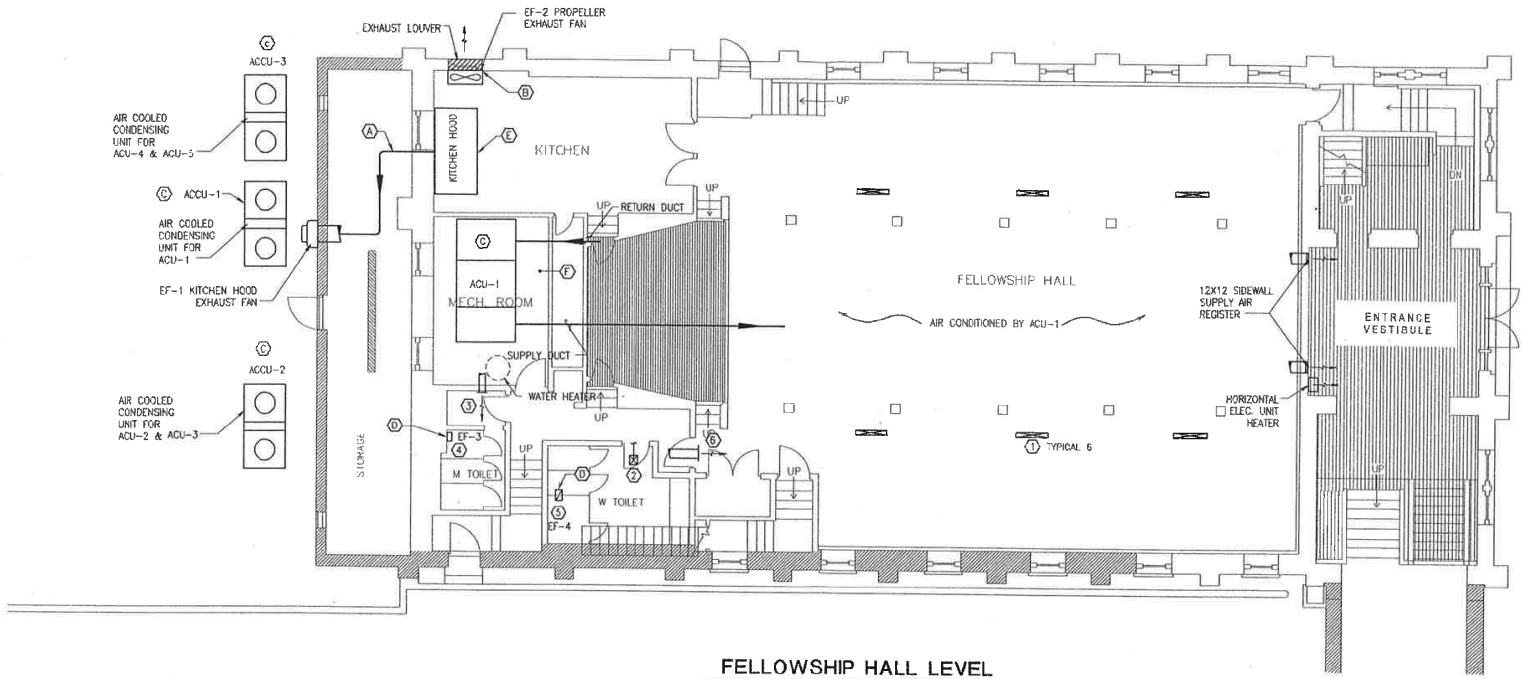


SCALE: 1/8" = 1'-0"

UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DESIGNED DRAWN TECH. REVIEW DATE: OCTOBER 1999	TITLE OF DRAWING: NORTH ELEVATION LOCATION WITHIN PARK: EBENEZER BAPTIST CHURCH NAME OF PARK: M.L.K. JR. NATIONAL HISTORIC SITE CLUSTER / COUNTY: FULTON COUNTY / STATE: GEORGIA	DRAWING NO.: 489 / 80,023 PKG. NO.: — SHEET: 6 — OF 99



DESIGNED	TITLE OF DRAWING: EAST ELEVATION LOCATION WITHIN PARK: EBENEZER BAPTIST CHURCH NAME OF PARK: M.L.K. JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 / 80,023
DRAWN		PKG. NO. —
TECH. REVIEW	CLUSTER — COUNTY: FULTON — STATE: GEORGIA	SHEET 7 OF 99
DATE: OCTOBER 1999		



FELLOWSHIP HALL LEVEL

SCALE- 3/16"=1'-0"

EQUIPMENT KEY NOTES:

1. 36X6 LOUVERED BLADE CEILING DIFFUSER
2. 10X10 CEILING DIFFUSER
3. 6X6 SIDEWALL SUPPLY REGISTER
4. WALL EXHAUST FAN(EF-3) CONTROLLED BY WALL SWITCH
5. CEILING EXHAUST FAN(EF-4) CONTROLLED BY WALL SWITCH
6. 10X10 SUPPLY REGISTER ABOVE DOOR

DEFICIENCY KEY NOTES:

(A) FIELD FORM 5840-HVAC SYSTEM, FAN EF-1. EXHAUST DUCT NEEDS 2-HR RATED ENCLOSURE TO COMPLY WITH MECHANICAL CODE.

(B) FIELD FORM 5840-HVAC SYSTEM, FAN EF-2. BACK DRAFT DAMPER CLOGGED.

(C) FIELD FORM 5871-AIR HANDLING UNITS ACU-1, ACU-2, ACU-3 & ACU-4. EQUIPMENT IS OUT OF ITS SERVICE LIFE, NO VENTILATION AIR CONNECTION, NO SMOKE DETECTOR IN SUPPLY AND RETURN DUCT. CONDENSATE PUMP BROKEN.

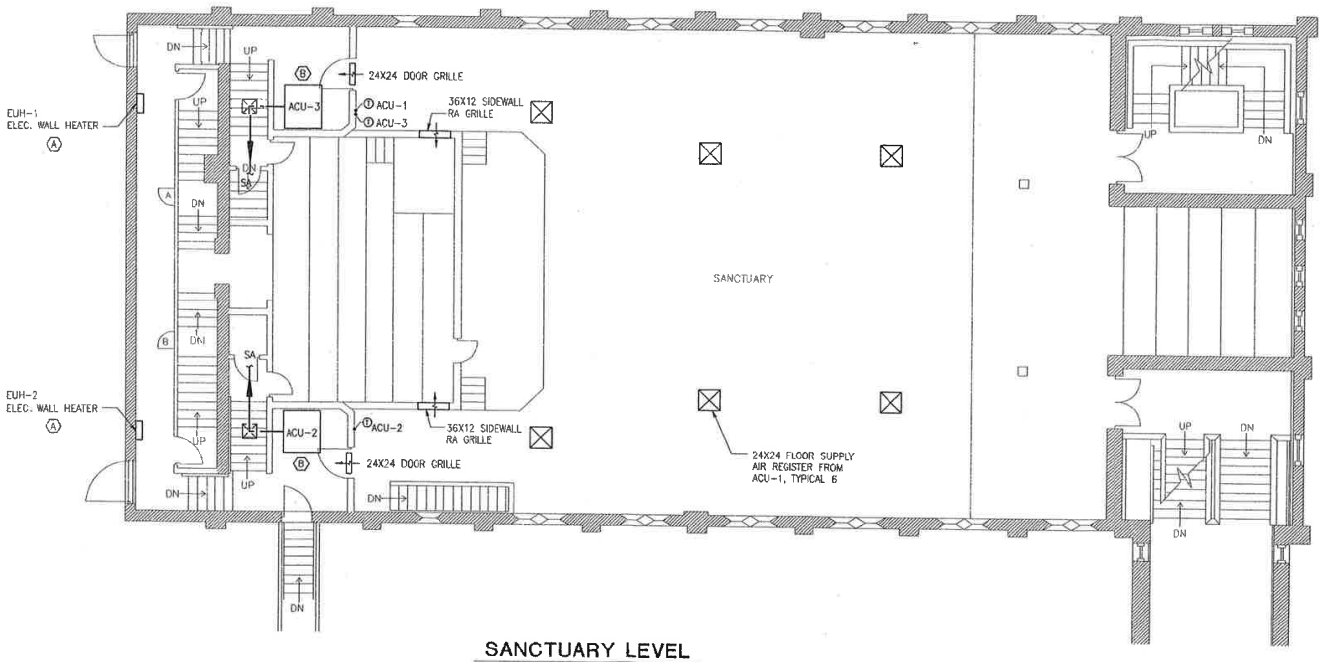
(D) FIELD FORM 5840-HVAC SYSTEM, FANS EF-3 & EF-4. EXHAUST IN CEILING SPACE.

(E) FIELD FORM 5840-HVAC SYSTEM, EF-1. KITCHEN HOOD IS IN POOR CONDITION. NO MAKE-UP AIR TO KITCHEN HOOD.

(F) MECHANICAL ROOM FILLED WITH UNUSED EQUIPMENT.

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGNED	TITLE OF DRAWING: FELLOWSHIP LEVEL - HVAC	DRAWING NO. M-1
UNITED STATES DEPARTMENT OF THE INTERIOR	DRAWN: ZZC	EBENEZER BAPTIST CHURCH	FWG. NO. / SHEET / OF
NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	TECH. REVIEW: WSY	CLUSTER / COUNTY: FULTON / STATE: GEORGIA	
	DATE: 10.22.1999		



SANCTUARY LEVEL

SCALE= 3/16"=1'-0"

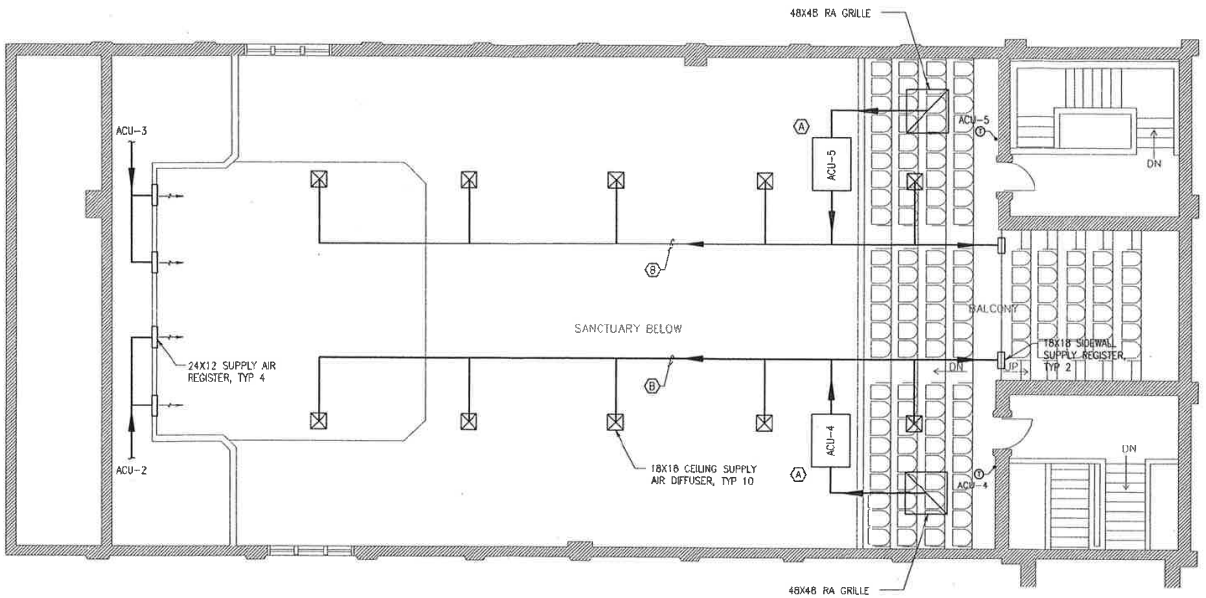
DEFICIENCY KEY NOTES:

(A) FIELD FORM 5850-HEATING SYSTEM, HEATERS, EU-1 & EU-2.
HEATER BROKEN

(B) FIELD FORM 5871-AIR HANDLING UNITS, ACU-2 & ACU-3.
AIR CONDITIONER IS OUT OF ITS SERVICE LIFE.
NO VENTILATION AIR CONNECTION.
NO SMOKE DETECTOR IN SUPPLY AND RETURN DUCT.

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGNED	TITLE OF DRAWING: SANCTUARY LEVEL - HVAC	DRAWING NO. M-2
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DRAWN	EBENEZER BAPTIST CHURCH	PKG. NO. / SHEET / OF
	TECH. REVIEW: WSY	CLUSTER / COUNTY: FULTON / STATE: GEORGIA	
	DATE: 10.22.1999		



BALCONY LEVEL

SCALE= 3/16"=1'-0"

DEFICIENCY KEY NOTES:

(A) FIELD FORM 5B71-AIR HANDLING UNITS, ACU-4 & ACU-5. AIR CONDITIONER IS EXTREMELY DIFFICULT TO ACCESS IN ATTIC SPACE. EQUIPMENT IS OUT OF ITS SERVICE LIFE. NO VENTILATION AIR CONNECTION. NO SMOKE DETECTOR IN SUPPLY AND RETURN DUCT.
ACU-4 & ACU-5 COULD BE DISCONNECTED. PROVIDE A NEW SPLIT AIR COOLED SYSTEM TO SERVE BALCONY ONLY.

(B) FIELD FORM 5B71-AIR HANDLING UNITS, ACU-4 & ACU-5. DUCT DIRTY AND INSULATION BROKEN.

NOT FOR CONSTRUCTION

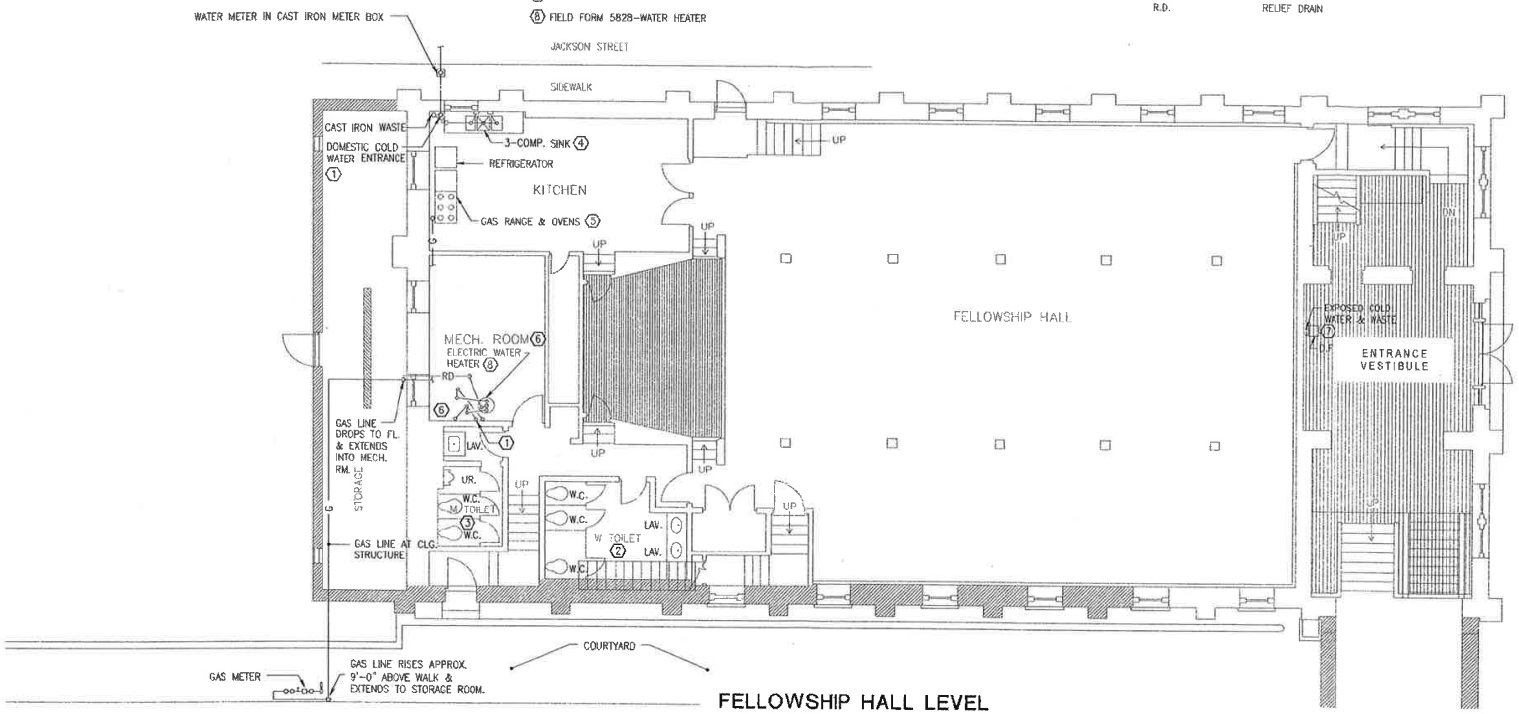
BUILDING ASSESSMENT UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DESIGNED: DRAWN: TECH REVIEW: WSY DATE: 10.22.1999	TITLE OF DRAWING: BALCONY LEVEL - HVAC EBENEZER BAPTIST CHURCH CLUSTER / COUNTY: FULTON / STATE: GEORGIA	DRAWING NO. M-3 PKG. NO. SHEET OF

DEFICIENCY LOCATIONS

1. FIELD FORM 5811–WATER ENTRANCE & ASBESTOS INSULATION
2. FIELD FORM 5813–WOMENS TOILET
3. FIELD FORM 5813–MENS TOILET
4. FIELD FORM 5820–3–COMPARTMENT SINK
5. FIELD FORM 5820–KITCHEN RANGE AND OVEN
6. FIELD FORM 5820–BAPTISTRY POOL WATER & WASTE
7. FIELD FORM 5827–DRINKING FOUNTAIN
8. FIELD FORM 5828–WATER HEATER

PLUMBING LEGEND

———	COLD WATER
—— G ——	NATURAL GAS
W.C.	WATER CLOSET
UR.	URINAL
LAV.	LAVATORY
D.F.	DRINKING FOUNTAIN
R.D.	RELIEF DRAIN

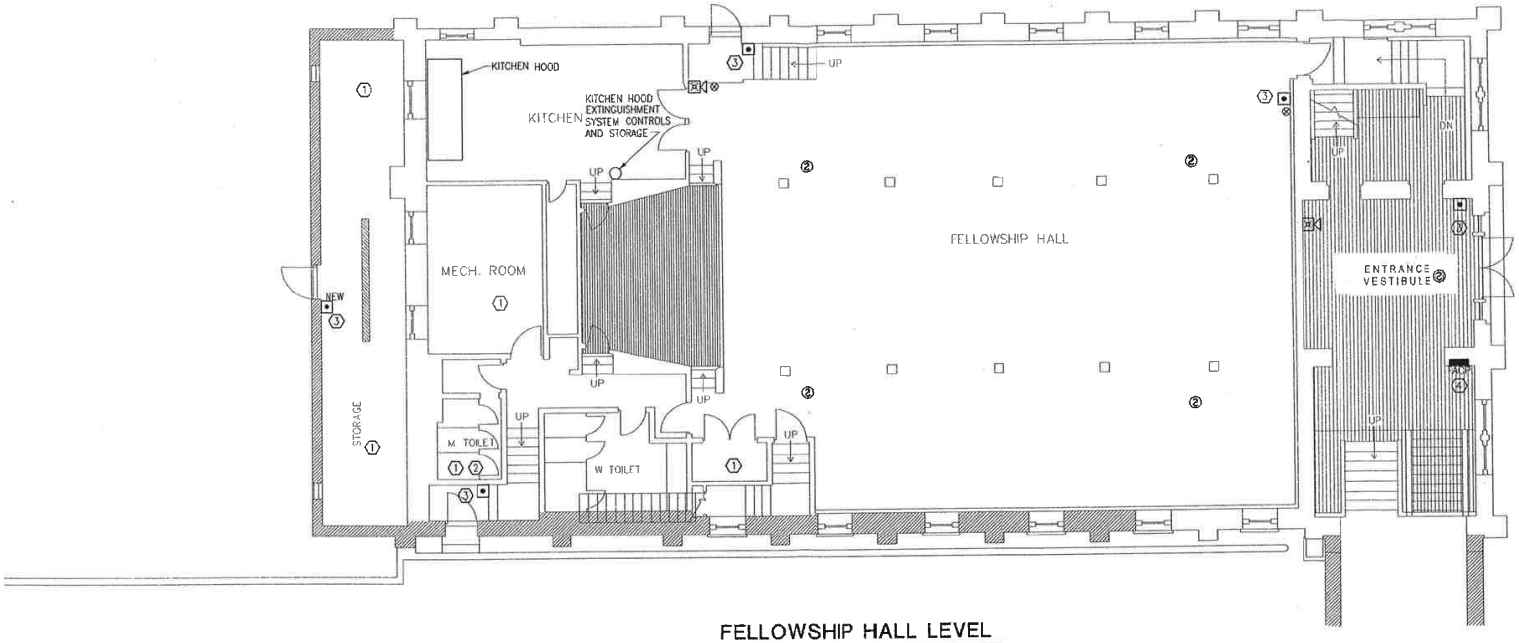


FELLOWSHIP HALL LEVEL

SCALE- 3/16"-1'-0"

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGNED: EKG	TITLE OF DRAWING: FELLOWSHIP LEVEL - PLUMBING	DRAWING NO.: P-1
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DRAWN: JJH TECH. REVIEW: WSY DATE: 10.22.1989	EBENEZER BAPTIST CHURCH CLUSTER / COUNTY: FULTON / STATE: GEORGIA	PKG. NO. / SHEET / OF



FELLOWSHIP HALL LEVEL

SCALE- 3/16"-1'-0"

KEYED NOTES (REFERENCED ON ALL DRAWINGS):

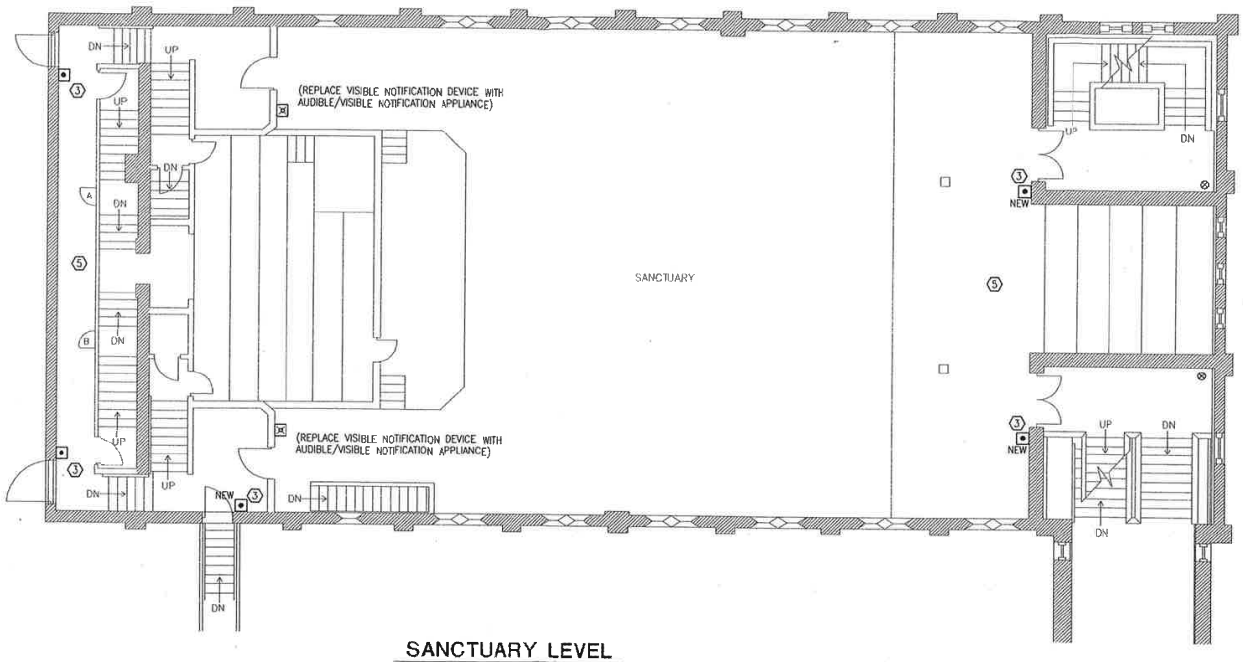
1. AREAS WITH IMPROPER STORAGE.
2. STORAGE ALCOVE ABOVE TOILETS AT STAIR LANDING.
3. PROVIDE TAMPER COVER WITH ALARM ON MANUAL PULL STATION.
4. PROPOSED LOCATION OF NEW FIRE ALARM CONTROL PANEL.
5. PROVIDE COMPLETE AUTOMATIC SPRINKLER PROTECTION.

FIRE ALARM/PROTECTION LEGEND

FACP	FIRE ALARM CONTROL PANEL, FLUSH-MOUNTED.(NEW PROPOSED)
⊡	MANUAL PULL STATION
⊠	COMBINATION AUDIBLE/VISIBLE NOTIFICATION APPLIANCE.
⊠	VISIBLE NOTIFICATION APPLIANCE.
②	SMOKE DETECTOR.
⊗	FIRE EXTINGUISHER

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGNED JZM	TITLE OF DRAWING: FELLOWSHIP LEVEL - FIRE PROTECTION EBENEZER BAPTIST CHURCH	DRAWING NO. F-1
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DRAWN JZM	CLUSTER / COUNTY FULTON / STATE GEORGIA	PKG. NO. / SHEET / OF
	TECH. REVIEW WSY		
	DATE: 10.22.1999		



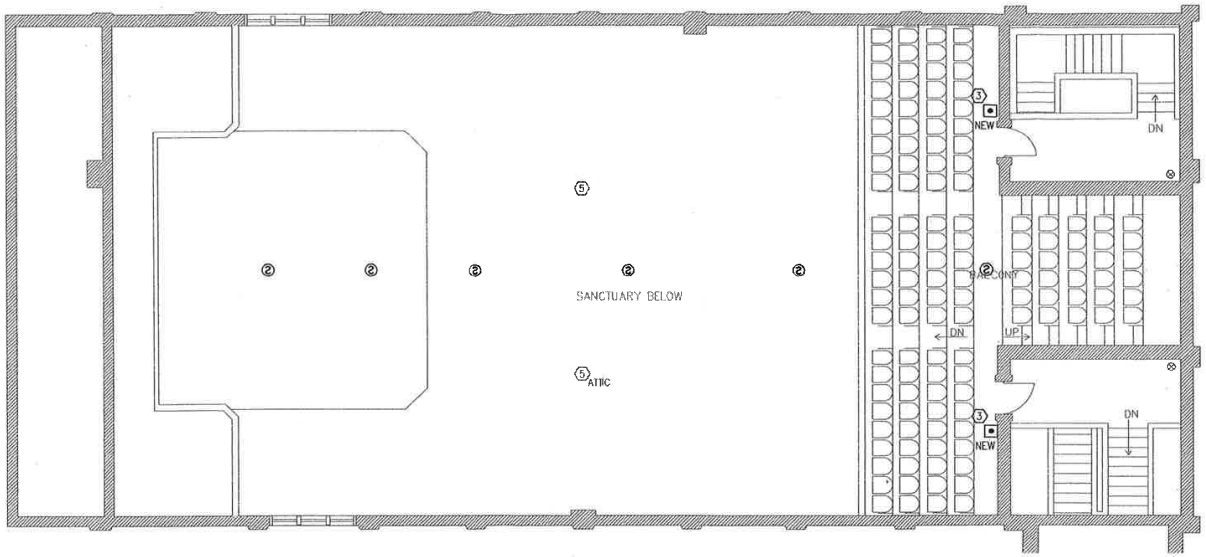
SANCTUARY LEVEL

SCALE- 3/16"=1'-0"

SEE DRAWING F-1 FOR KEYED NOTES.

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGNED: JZM	TITLE OF DRAWING: SANCTUARY LEVEL- FIRE PROTECTION	DRAWING NO. F-2
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DRAWN: JZM TECH. REVIEW: WSY DATE: 10.22.1999	EBENEZER BAPTIST CHURCH CLUSTER: — COUNTY: FULTON STATE: GEORGIA	PROJ. NO. — SHEET — OF —



BALCONY LEVEL

SCALE- 3/16"-1'-0"

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGNED: JZM	TITLE OF DRAWING: BALCONY LEVEL - FIRE PROTECTION EBENEZER BAPTIST CHURCH	DRAWING NO. F-3
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DRAWN: JZM TECH. REVIEW: WSY DATE: 10.22.1999	CLUSTER / COUNTY: FULTON / STATE: GEORGIA	PKG. NO. / SHEET / OF

ELECTRICAL LEGEND

S	WALL SWITCH, MOUNTED 48" AFF.
	CEILING-MOUNTED FLUORESCENT LIGHT FIXTURE.
	RECESSED CEILING-MOUNTED LIGHT FIXTURE.
	WALL-MOUNTED LIGHT FIXTURE.
	EXIT LIGHT, CEILING-MOUNTED, DARKENED SECTIONS INDICATE FACES; ARROWS AS INDICATED.
	EXIT LIGHT, WALL-MOUNTED, DARKENED SECTIONS INDICATE FACES; ARROWS AS INDICATED.
	COMBINATION EXIT LIGHT AND BATTERY POWERED EMERGENCY LIGHT. WALL-MOUNTED.
	BATTERY POWERED EMERGENCY LIGHT. WALL MOUNTED.
	SURFACE CEILING-MOUNTED LIGHT FIXTURE.
	SURFACE GRADE-MOUNTED LIGHT FIXTURE.
	DUPLEX RECEPTACLE OUTLET, WALL-MOUNTED. MOUNTED 18" AFF.
	DUPLEX RECEPTACLE OUTLET, WALL-MOUNTED, ABOVE COUNTER.
7	MOTOR, NUMERAL INDICATES HP.
30/3/20/3R	DISCONNECT SWITCH, SIZE/POLES/FUSE/ENCLOSURE TYPE IF OTHER THAN NEMA 1.
	PANELBOARD, SURFACE-MOUNTED.
	PANELBOARD, FLUSH-MOUNTED.
	MISCELLANEOUS ELECTRICAL EQUIPMENT CABINET. TYPE AS NOTED.
	WOOD BACKBOARD.
	CLOCK OUTLET, WALL MOUNTED.
	RECESSED CEILING-MOUNTED ADJUSTABLE LIGHT FIXTURE.
	SURFACE CEILING-MOUNTED ADJUSTABLE LIGHT FIXTURE.
	CEILING FAN WITH LIGHT KIT.
	CEILING MOUNTED TRACK LIGHTING WITH NUMBER OF HEADS INDICATED.

ABBREVIATIONS

ABV	ABOVE
AFF/AFG/ARF	ABOVE FINISHED FLOOR/GRADE/RAISED FLOOR
ARCH	ARCHITECT/ARCHITECTURAL
BEL	BELOW
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CLG	CEILING
EMT	ELECTRICAL METALLIC TUBING
EXP	EXPOSED
GRC	RIGID METAL CONDUIT
F	FUSED
FIX	FIXTURE
FL	FLOOR
INCAND	INCANDESCENT
JB	JUNCTION BOX
NF	NONFUSIBLE
PNL	PANEL
RECP	RECEPTACLE
UON	UNLESS OTHERWISE NOTED

NOT FOR CONSTRUCTION

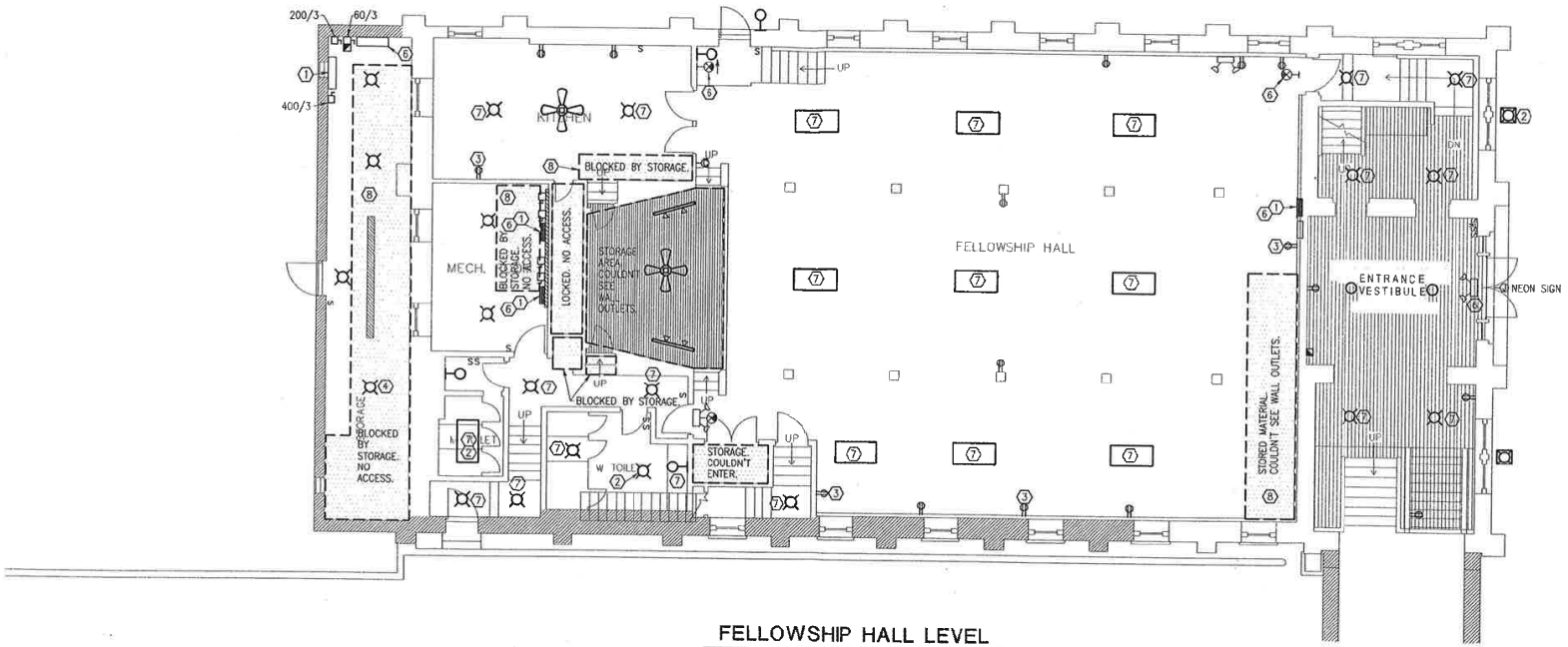
BUILDING ASSESSMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHEAST REGION
ARCHITECTURE DIVISION

DESIGNED:
DRAWN: SLT
TECH. REVIEW: WSY
DATE: 10.22.1999

TITLE OF DRAWING
ELECTRICAL LEGEND, ABBREVIATIONS AND NOTES
EBENEZER BAPTIST CHURCH
CLUSTER | COUNTY: FULTON | STATE: GEORGIA

DRAWING NO.: E-1
PKG. NO.:
SHEET: OF



FELLOWSHIP HALL LEVEL

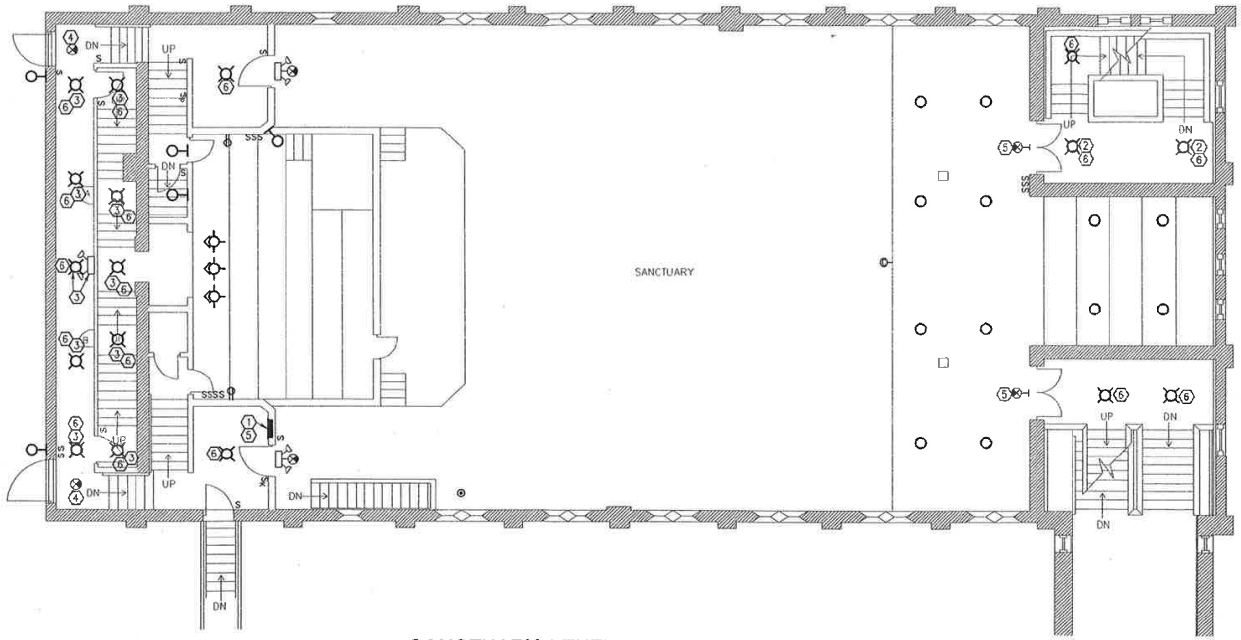
SCALE- 3/16"=1'-0"

DEFICIENCIES: (APPLIES TO THIS SHEET ONLY)

1. SHOCK AND/OR FIRE HAZARD DUE TO EXPOSED LIVE PARTS.
2. BROKEN LIGHTING FIXTURE(S) IN NEED OF REPAIR.
3. BROKEN RECEPTACLE(S) IN NEED OF REPAIR.
4. LIGHTING FIXTURE(S) NOT OPERATING.
5. EXIT SIGN(S) NOT OPERATING.
6. ANTIQUATED EQUIPMENT WHICH IS NO LONGER SERVICEABLE, REQUIRES REPLACEMENT.
7. EQUIPMENT REQUIRING UPGRADES TO MEET NEW CODE REQUIREMENTS.
8. STORED MATERIALS REQUIRING REMOVAL.

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGNED	TITLE OF DRAWING: FELLOWSHIP HALL LEVEL PLAN - ELECTRICAL	DRAWING NO. E-2
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DRAWN: SLT TECH. REVIEW: WSY DATE: 10.22.1999	EBENEZER BAPTIST CHURCH CLUSTER / COUNTY: FULTON / STATE: GEORGIA	PAGE NO. / SHEET / OF



SANCTUARY LEVEL

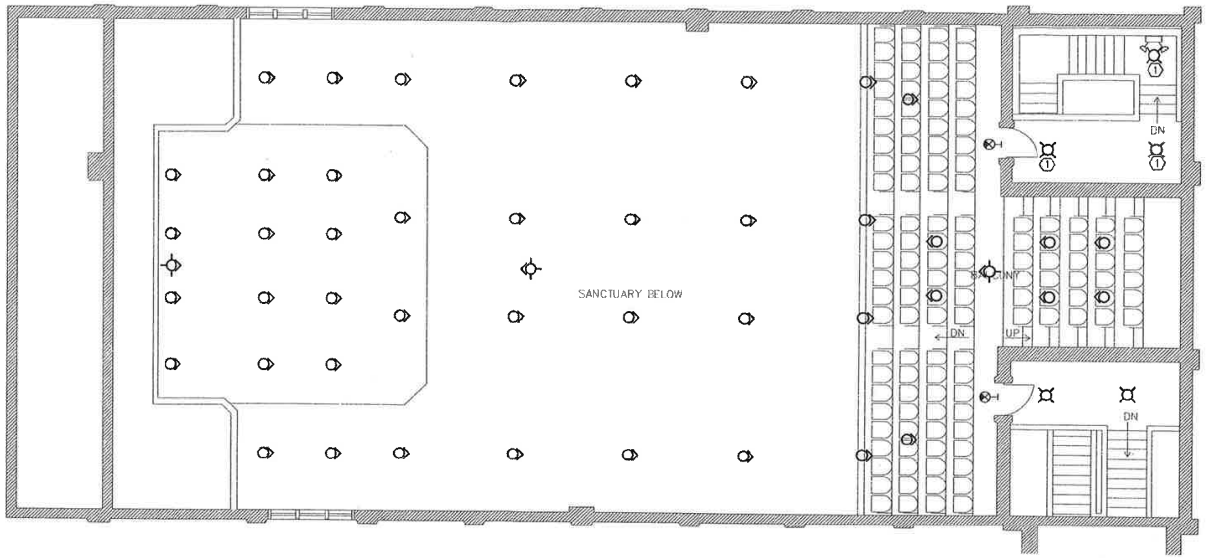
SCALE: 3/16"=1'-0"

DEFICIENCIES: (APPLIES TO THIS SHEET ONLY)

1. SHOCK AND/OR FIRE HAZARD DUE TO EXPOSED LIVE PARTS.
2. BROKEN LIGHTING FIXTURE(S) IN NEED OF REPAIR.
3. LIGHTING FIXTURE(S) NOT OPERATING.
4. EXIT SIGN(S) NOT OPERATING.
5. ANTIQUATED EQUIPMENT WHICH IS NO LONGER SERVICEABLE, REQUIRES REPLACEMENT.
6. EQUIPMENT REQUIRING UPGRADES TO MEET NEW CODE REQUIREMENTS.

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGNED	TITLE OF DRAWING: SANCTUARY LEVEL PLAN - ELECTRICAL	DRAWING NO. E-3
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DRAWN: SLT TECH. REVIEW: WSY DATE: 10.22.1999	EBENEZER BAPTIST CHURCH CLUSTER / COUNTY: FULTON / STATE: GEORGIA	PKG. NO. / SHEET / OF



BALCONY LEVEL

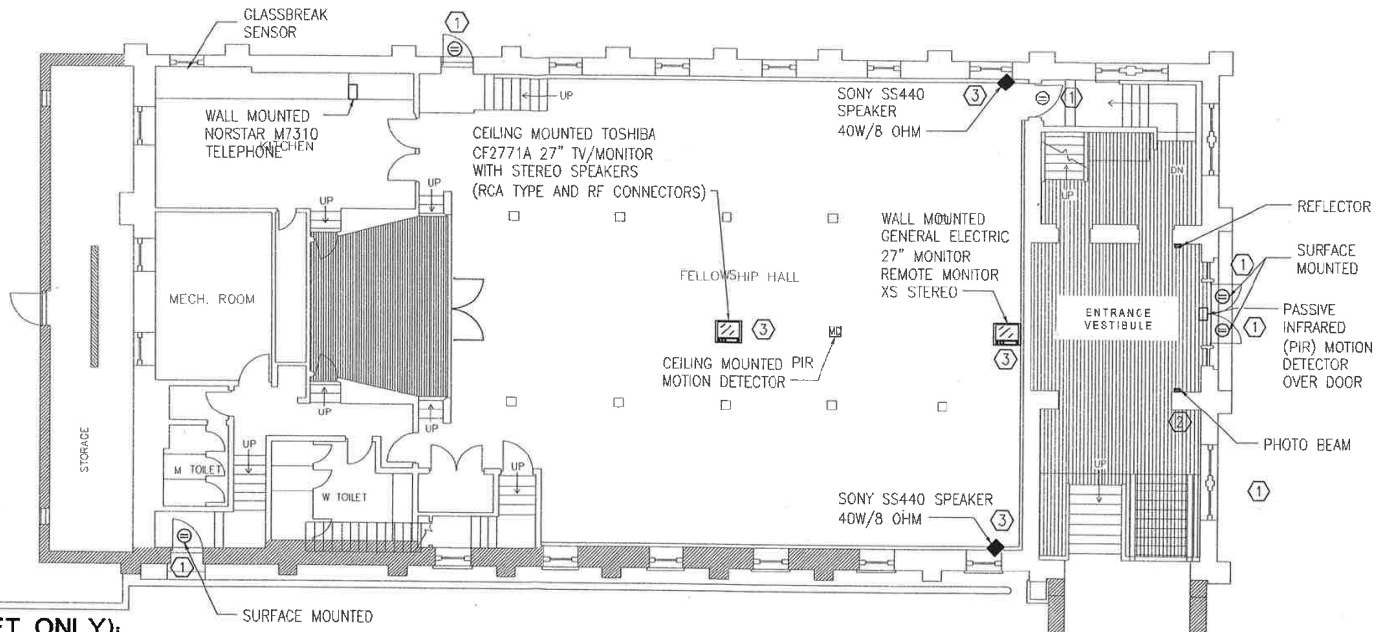
SCALE= 3/16"=1'-0"

DEFICIENCIES (APPLIES TO THIS SHEET ONLY)

① BROKEN LIGHTING FIXTURE(S) IN NEED OF REPAIR.

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGNED:	TITLE OF DRAWING: BALCONY LEVEL PLAN - ELECTRICAL EBENEZER BAPTIST CHURCH	DRAWING NO.: E-4
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DRAWN: SLT TECH. REVIEW: WSY DATE: 10.22.1999	CLUSTER / COUNTY: FULTON / STATE: GEORGIA	PKG. NO. / SHEET / OF



FELLOWSHIP HALL LEVEL

SCALE- 3/16"=1'-0"

DEFICIENCIES (THIS SHEET ONLY):

(1) REPLACE SURFACE MOUNTED DOOR CONTACTS WITH RECESSED TYPE OR SURFACE MOUNTED CONTACTS WITH ARMOURED CABLES.

(2) ADD NEW SECURITY CONTROL PANEL AND CONTROL KEYPAD.

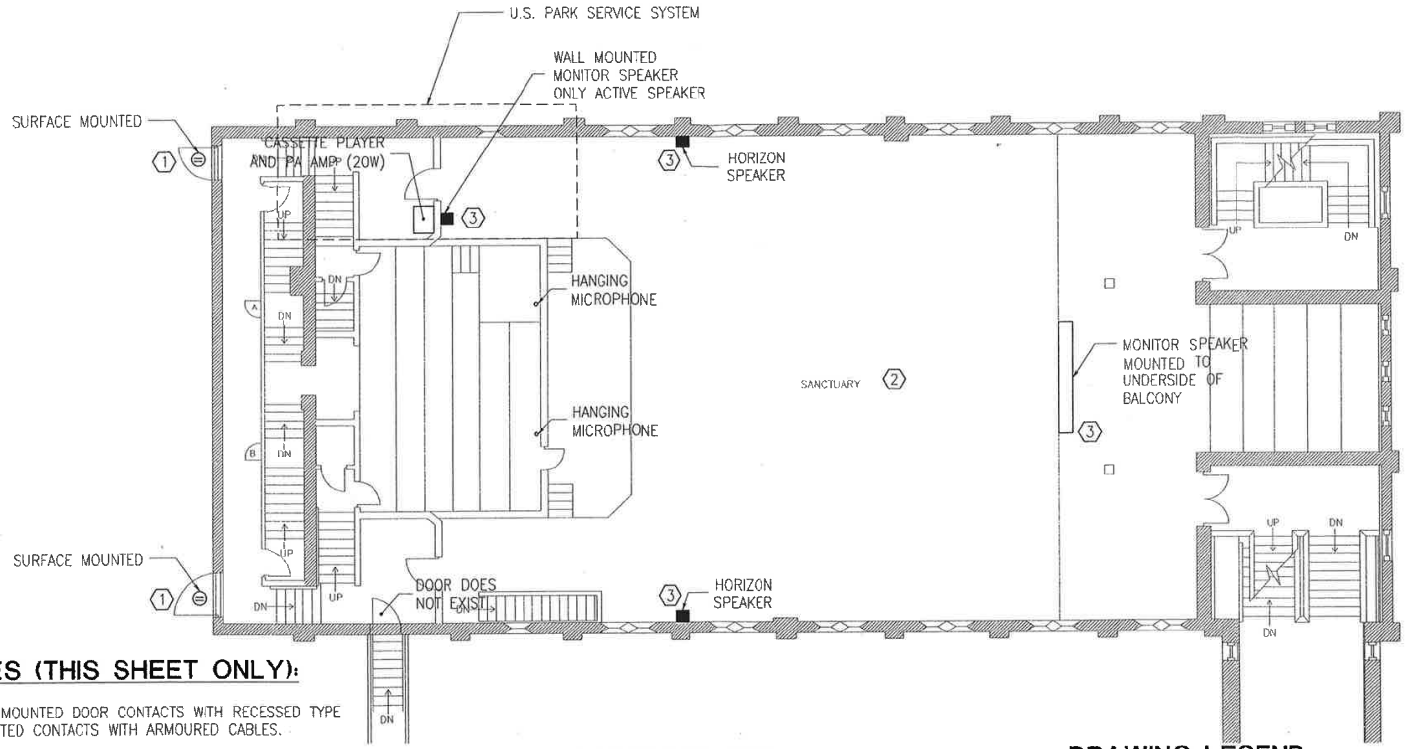
(3) AUDIO-VISUAL SYSTEM MODIFICATIONS:
OPTION 1: IF THE SOUND REINFORCEMENT AND AUDIO-VISUAL SYSTEMS ARE NO LONGER USED, AND IT IS DESIRABLE TO RESTORE THE CHURCH TO A MORE HISTORIC STATE, THEN THE ABANDONED EQUIPMENT SHOULD BE REMOVED.
OPTION 2: IF THE SYSTEM IS IN USE, OR IF A HIGHER QUALITY/LEVEL PLAYBACK OF DR. KING'S AUDIO TAPES IS DESIRED, THEN THE SOUND SYSTEM SHOULD BE RE-CABLED WITH THE CABLING CONCEALED, AND THE SOUND REINFORCEMENT SYSTEM CLEANED AND RE-CALIBRATED AND CABLING PROPERLY DRESSED.
OPTION 3: REPLACE THE SOUND REINFORCEMENT SYSTEM WITH A SYSTEM DESIGNED FOR CURRENT NEEDS.

DRAWING LEGEND

- MAGNETIC DOOR CONTACT
- MD MOTION DETECTOR
- SPEAKER (TYPE INDICATED ON DRAWING)
- 27" TV/MONITOR (TYPE INDICATED ON DRAWING)

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGNED	TITLE OF DRAWING: FELLOWSHIP HALL LEVEL PLAN - ELECTRONIC SYSTEMS EBENEZER BAPTIST CHURCH	DRAWING NO. ES-1
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DRAWN		PROJ. NO. / SHEET / OF
	TECH. REVIEW WSY		
	DATE: 10.22.1999	CLUSTER / COUNTY: FULTON / STATE: GEORGIA	



DEFICIENCIES (THIS SHEET ONLY):

1. REPLACE SURFACE MOUNTED DOOR CONTACTS WITH RECESSED TYPE OR SURFACE MOUNTED CONTACTS WITH ARMOURED CABLES.
2. ADD A PASSIVE INFRARED MOTION DETECTOR WITH 360° COVERAGE. MOUNT DETECTOR TO SANCTUARY CEILING.
3. AUDIO-VISUAL SYSTEM MODIFICATIONS:
   - OPTION 1: IF THE SOUND REINFORCEMENT AND AUDIO-VISUAL SYSTEMS ARE NO LONGER USED, AND IT IS DESIRABLE TO RESTORE THE CHURCH TO A MORE HISTORIC STATE, THEN THE ABANDONED EQUIPMENT SHOULD BE REMOVED.
   - OPTION 2: IF THE SYSTEM IS IN USE, OR IF A HIGHER QUALITY/LEVEL PLAYBACK OF DR. KING'S AUDIO TAPES IS DESIRED, THEN THE SOUND SYSTEM SHOULD BE RE-CABLED WITH THE CABLING CONCEALED, AND THE SOUND REINFORCEMENT SYSTEM CLEANED AND RE-CALIBRATED AND CABLING PROPERLY DRESSED.
   - OPTION 3: REPLACE THE SOUND REINFORCEMENT SYSTEM WITH A SYSTEM DESIGNED FOR CURRENT NEEDS.

SANCTUARY LEVEL

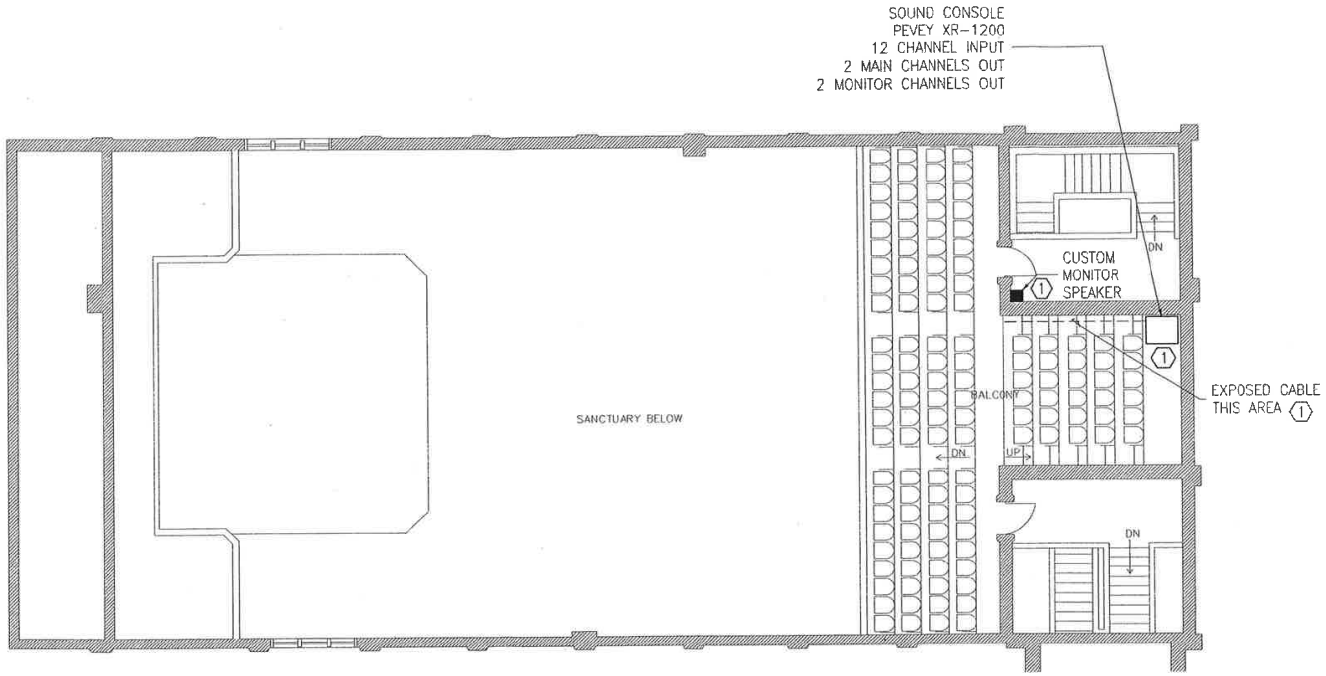
SCALE= 3/16"=1'-0"

DRAWING LEGEND

- MAGNETIC DOOR CONTACT
- MD MOTION DETECTOR
- SPEAKER (TYPE INDICATED ON DRAWING)
- 27" TV/MONITOR (TYPE INDICATED ON DRAWING)

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGN	TITLE OF DRAWING: SANCTUARY LEVEL PLAN - ELECTRONIC SYSTEMS	DRAWING NO. ES-2
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DRAWN TECH. REVIEW: WSY DATE: 10.22.1999	EBENEZER BAPTIST CHURCH CLUSTER / COUNTY: FULTON / STATE: GEORGIA	PKG. NO. / SHEET / OF



DEFICIENCIES (THIS SHEET ONLY):

1 AUDIO-VISUAL SYSTEM MODIFICATIONS:

OPTION 1: IF THE SOUND REINFORCEMENT AND AUDIO-VISUAL SYSTEMS ARE NO LONGER USED AND IT IS DESIRABLE TO RESTORE THE CHURCH TO A MORE HISTORIC STATE, THEN THE ABANDONED EQUIPMENT SHOULD BE REMOVED.

OPTION 2: IF THE SYSTEM IS IN USE, OR IF A HIGHER QUALITY/LEVEL PLAYBACK OF DR. KING'S AUDIO TAPES IS DESIRED, THEN THE SOUND SYSTEM SHOULD BE RE-CABLED WITH THE CABLING CONCEALED, AND THE SOUND REINFORCEMENT SYSTEM CLEANED AND RE-CALIBRATED AND CABLING PROPERLY DRESSED.

OPTION 3: REPLACE THE SOUND REINFORCEMENT SYSTEM WITH A SYSTEM DESIGNED FOR CURRENT NEEDS.

BALCONY LEVEL

SCALE- 3/16"-1'-0"

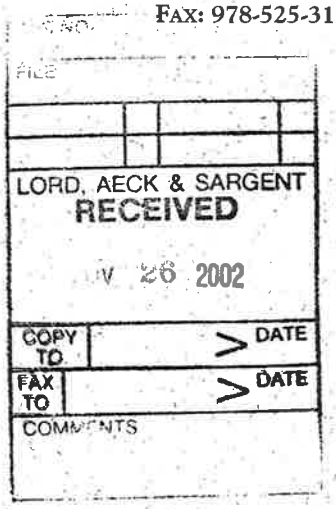
DRAWING LEGEND

- MAGNETIC DOOR CONTACT
- MD MOTION DETECTOR
- SPEAKER (TYPE INDICATED ON DRAWING)
- 27" TV/MONITOR (TYPE INDICATED ON DRAWING)

NOT FOR CONSTRUCTION

BUILDING ASSESSMENT	DESIGNED	TITLE OF DRAWING: BALCONY LEVEL PLAN - ELECTRONIC SYSTEMS	DRAWING NO. ES-3
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE SOUTHEAST REGION ARCHITECTURE DIVISION	DRAWN TECH. REVIEW: MSY DATE: 10.22.1999	EBENEZER BAPTIST CHURCH CLUSTER / COUNTY: FULTON / STATE: GEORGIA	PROJ. NO. / SHEET / OF

ARCHITECTURAL CONSERVATION SERVICES
Post Office Box 506
Manchester By The Sea, MA 01944
TELEPHONE: 978-525-3090
FAX: 978-525-3114



November 25, 2002

Ms. Karen M. Gravel
Lord Aeck Sargent, Architecture
1201 Peachtree Street NE, Suite 300
Atlanta, GA 30361-3500

Dear Ms. Gravel:

Here is the report of my visit to Ebenezer Baptist Church. I was quite impressed with the church and recognize the potential for restoration. Returning the period colors to the interior will be a major step in reflecting the essence of this important structure.

I will forward the sand/fines samples under separate cover.

If you need further information or clarification please call.

Sincerely,

Andrew Ladygo

Enc: Report

ARCHITECTURAL CONSERVATION SERVICES
Post Office Box 506
Manchester By The Sea, MA 01944
TELEPHONE: 978-525-3090
FAX: 978-525-3114

Ebenezer Baptist Church
Historic Plaster
Condition Survey

This report is the result of a site visit to Ebenezer Baptist Church in Atlanta, Georgia on October 22 and 23, 2002, and subsequent laboratory analysis of samples taken at that time. The purpose of the study is to determine existing conditions at the site and provide recommendations for treatment.

The report is in three sections. Observations describes existing conditions at the site and probable causes of current physical damage. The Laboratory section provides analysis of the materials used during construction and later repairs. The final section provides recommendations for the treatment of damaged areas.

The survey was conducted through visual inspection, including binocular observation of upper levels combined with sounding of all areas accessible using the 16-foot ladder provided. Moisture readings were taken at regular intervals across the same surfaces with particular attention to areas of visual disturbance.

Areas of high moisture content were noted on elevations provided by the architect. Most readings were taken prior to a moderate rainstorm and represent a chronic condition. In some areas of moisture damage coatings were removed to examine the original plaster beneath.

Photographs were taken of select locations which exhibit conditions described in the report. These photos are included as Appendix A.

Ebenezer Baptist Church
Historic Plaster
Condition Survey-2

Observations

There are areas of obvious moisture damage throughout the building. In many instances repairs have been made in the past and are again in failure. This would suggest that the problem of moisture infiltration has not been abated, and possibly not clearly identified.

Plaster has been almost entirely removed form the upper portion of the east and west walls of Fellowship Hall, exposing the original brickwork beneath. The plaster over the lower portion of the walls remains and is in serviceable condition. This lower portion is below grade on both elevations and records moderately elevated moisture content uniformly across the surface. The exposed brickwork is above grade and registers no measurable moisture content.

Plaster at this lowest level of stair halls on both east and west elevations is badly damaged with considcrablc cfflorcscence. Both areas are below grade and coincidentally associated with conductor pipes handling roof water. It would be safe to assume failure of the roof drainage system as a likely cause of the immediate problem.

The forward or northerly stair halls exhibit damage beneath window units at every elevation. Again, efflorescence is quite prominent and moisture readings quite high. These areas have been patched in the past and are in failure again. Wall surfaces which have not been previously repaired show no sign of deterioration.

Interior walls not exposed to the envelope are in fine condition though some patching has been done in the past. The many cracks visible appear to be related more to failure of the paint coatings than the plaster substrate.

In the sanctuary, walls which are visibly deteriorated again show high moisture content while adjacent surfaces remain dry, suggesting localized conditions as the cause of failure. These areas generally have been repaired in the past as well.

Most severe was the condition of the east wall in the bay, which contains the large speaker. Moisture readings on this section of wall were consistently high in the extreme. An exposure beneath the speaker revealed an original surface largely intact and in good condition while paint films and later shim coats were in total failure.

Ebenezer Baptist Church
Historic Plaster
Condition Survey-3

The earliest coatings on this wall are distemper paints which remain water soluble. Later coatings are bound only to this layer which in the presence of moisture, softens; leading to failure of the coatings above. The presence of these early distemper coatings render the entire surface vulnerable, and no surface treatments are likely to abate the situation. In fact, the waterproof coatings applied most recently to patched areas likely exacerbated the condition.

Exterior walls of both the north and west elevations are of fine brickwork with tight mortar joints. Most mortar is intact, but there are several areas which need repointing. There are several large cracks at buttresses and windows along the west wall which might be capable of permitting infiltration of moisture. One extremely damp location on the interior plaster relates directly to the chimney on this elevation. While it is capped and the flashing appears to be in good condition, this area needs closer inspection.

Stucco on lower portions of the north and west elevations appears to be a later application over an earlier rendering. I did not explore this possibility further, but soundings suggested many voids beneath the present surface. Only one location, midway on the west elevation, does the delamination appear severe.

Much of the most severe damage to the sanctuary plaster appears on the east elevation. Exterior brickwork on the east elevation is of a totally different character. Here we have five course American bond with crude brick and wide mortar joints. The mortar is not continuous, with occasional gaps, further aggravated by numerous small holes likely created by boring bees.

The plaster area described earlier as being most severe relates directly to the conductor pipe from the eaves trough. Brickwork around this pipe is stained as well.

Plaster damage below grade is directly associated with inadequate perimeter drainage and window wells along this elevation. No damage was noted at the chimney location, but this area should be examined further as well.

Ebenezer Baptist Church
Historic Plaster
Condition Survey-4

Recommendations

The most critical damage has resulted from moisture infiltration, which has likely been an ongoing situation. Early repairs and the most recent repairs are subject to even greater deterioration by their nature. Gypsum plaster and wallboard compound were both found in the repaired areas and both are more susceptible to water damage than the original plaster.

The presence of early distemper coatings under much of the existing paint could conceivably become a problem if moisture continues to saturate the plaster. In many areas which are not presently wet there is severe alligatoring of paint likely attributable to this condition.

Prior to the stabilization and restoration of the plaster walls a thorough repointing of the exterior brickwork should be completed as well as the implementation of an appropriate drainage system for the perimeter walls.

The east wall and west upper walls of Fellowship Hall can be re-plastered following the original scheme. Base coat should consist of:

1 part Portland cement
2 part lime putty
7-8 parts sand to match sample

Finish coat to be:

1 part lime putty
1 part sand to match

Gauge with white Portland cement at about15% by volume. This should be smooth troweled to a polished surface.

Ebenezer Baptist Church
Historic Plaster
Condition Survey-5

The stair halls will require that all damaged plaster be cut back to sound substrate. In most cases this will be to the brick surface, but some original base coat may be found to be serviceable. New base coat should be:

1 part lime putty
2.5 parts sand to match

This mix then gauged with 10% by volume gauging plaster for application.

New finish coat should be:

1 part gauging plaster
2 parts lime putty

Sanctuary walls will require close examination to determine the extent of potential loss. All visibly damaged areas should be cut back to sound substrate. In many cases the original finish plaster will remain serviceable once the affected coatings are removed. Where efflorescence has compromised the original finish coat it should be removed as well. All later patching must be removed to sound original substrate.

It should be established that no new plaster be applied over old painted surfaces and that all new work be cut into the original finish to form a smooth plane. Plaster for repair should be identical to that described for the stair halls.

With the failed coatings removed, surface cracks may be found in the original plaster surface. Hairline cracks will likely require no treatment at all other than light sanding prior to painting. Larger cracks should be repaired conventionally, cutting out to at least 1/8" in width and depth, and patching with the finish coat plaster recommended above.

Laboratory Analysis

Eleven samples were brought to the lab for analysis. They are labeled as follows:

1. Fellowship Base Coat
2. Fellowship Finish Coat
3. Fellowship Hall Coating
4. Brick Mortar
5. Sanctuary Base Coat
6. Sanctuary Finish Coat
7. Balcony Base Coat
8. Balcony Finish Coat
9. Cellar East - Stair
10. North Wall - Stair
11. Sanctuary Patch

Each sample was observed under low power magnification to determine gross features. Distilled water was used to evaluate solubility of patching compounds and paint films. Mortar and plaster samples were broken down in dilute Hydrochloric acid to identify components and approximate proportions of each. Results of this process were recorded on mortar analysis sheets which are included as Appendix B.

Sample 1 - Fellowship Base Coat
Applied directly to brick substrate approximately 3/4" to ½" thick

Sample 2 - Fellowship Finish Coat
Small sample - lots of paint. Approximately 1/16" thick. Composed of lime/sand, and a small percentage of cement

Sample 3 - Fellowship Hall Coating
From lower wall - peeling - removed in rubbery sheet. Likely most recent coating of waterproofing.

Sample 4 - Brick Mortar - East Wall
Cement/lime/sand. Good mortar - proportion of 1 cement 2 lime 7-9 sand

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Historic Plaster
Condition Survey-7

Sample 5 - Sanctuary Base Coat
Small sample - lime/sand possibly trace of gypsum

Sample 6 - Sanctuary Finish Coat
Lime/gauging - standard white coat 1/16" thick

Sample 7 - Balcony Base Coat
Lime/sand/hair - possible trace of gypsum - over wood lath

Sample 8 - Balcony Finish Coat
Lime/gauging - standard white coat 1/8" thick

Sample 9 - Cellar Stair - East
patching material lime/gauging white coat 1/4" thick

Sample 10 - Stair - North Wall
patch - lime/gauging white coat 1/4" thick

Sample 11 - Sanctuary Patch
water soluble - joint compound - flexible coating over

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Recommendations

The most critical damage has resulted from moisture infiltration, which has likely been an ongoing situation. Early repairs and the most recent repairs are subject to even greater deterioration by their nature. Gypsum plaster and wallboard compound were both found in the repaired areas and both are more susceptible to water damage than the original plaster

The presence of early distemper coatings under much of the existing paint could conceivably become a problem if moisture continues to saturate the plaster. In many areas which are not presently wet there is severe alligatoring of paint likely attributable to this condition.

Prior to the stabilization and restoration of the plaster walls, a thorough re-pointing of the exterior brickwork should be completed as well as the implementation of an appropriate drainage system for the perimeter walls.

The east and west upper walls of Fellowship Hall can be re-plastered following the original scheme. Base coat should consist of:

1 part Portland cement
2 part lime putty
7-8 parts sand to match sample

Finish coat to be:

2 part lime putty
1 part sand to match

Gauge with white Portland cement at about 15% by volume. This should be smooth troweled to a polished surface.

The stair halls will require that all damaged plaster be cut back to sound substrate. In most cases this will be to the brick surface, but some original base coat may be found to be serviceable. New base coat should be:

1 part lime putty
2.5 parts sand to match

This mix then gauged with 10% by volume
gauging plaster for application

New finish coat should be:

1 part gauging plaster
2 parts lime putty

Sanctuary walls will require close examination to determine the extent of potential loss. All visibly damaged areas should be cut back to sound substrate. In many cases the original finish plaster will remain serviceable once the affected coatings are removed. Where efflorescence has compromised the original finish coat it should re removed as well. All later patching must be removed to sound original substrate.

It should be established that no new plaster be applied over old painted surfaces and that all new work be cut into the original finish to form a smooth plane. Plaster for repair should be identical to that described for the stair halls.

With the failed coatings removed, surface cracks may be found in the original plaster surface. Hairline cracks will likely require no treatment at all other than light sanding prior to painting. Larger cracks should be repaired conventionally, cutting out to at least 1/8" in width and depth, and patching with the finish coat plaster recommended above.

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APPENDIX B
MORTAR ANALYSIS SHEETS

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APPENDIX C

Ebenezer Baptist Church

MORTAR ANALYSIS SHEETS

Stucco Finish

Black Mortar - West Wall

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MORTAR ANALYSIS

JOB EBENEZER BAPTIST CHURCH DATE 11/29/03

SAMPLE STUCCO FINISH

SAMPLE WEIGHT 37.73 g. SAMPLE HARDNESS —

TEST SAMPLE WEIGHT 20 g. TEST SAMPLE COLOR 10YR - 8/1

NOTES: EXTREMELY HARD
TWO LAYERS OVER BRICK
1ST LAYER DARKER COLOR - HARDER -

WEIGHT SOLUBLE FRACTION 7.32 g.

WEIGHT SAND 10.66 g. COLOR SAND 2.5Y - 7/2

WEIGHT FINES 2.02 g. COLOR FINES 5Y - 7/1

SCREEN SAND	WEIGHT	CUMULATIVE WEIGHT	% PASS
#8	-0-	-0-	100%
#16	.07g	.07g	99.3%
#30	2.23g	2.30g	78%
#50	4.18g	6.48g	39%
#100	3.33g	9.81g	8%
#200	.75g	10.56g	1%
PASS	.10g	10.66g	-0-

NOTES: Mild reaction in HCL
Slow to digest
yellow Staining - bright
fine aggregate
Primarily quartz - opaque
Angular to Sub Angular particles

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MORTAR ANALYSIS

JOB EBENEZER BAPTIST CHURCH DATE 11/29/03

SAMPLE BRICK MORTAR - WEST WALL

SAMPLE WEIGHT 47.31 g. SAMPLE HARDNESS —

TEST SAMPLE WEIGHT 20 g. TEST SAMPLE COLOR 10YR - 8/2

NOTES: Thick cross section
friable - fine powdery

WEIGHT SOLUBLE FRACTION 5.47g

WEIGHT SAND 13.23 g. COLOR SAND 10YR - 7/2

WEIGHT FINES 1.31 g COLOR FINES 10YR - 8/2

SCREEN SAND	WEIGHT	CUMULATIVE WEIGHT	% PASS
#8	-0-	-0-	100%
#16	.05g	.05g	99.8%
#30	4.28g	4.33g	68%
#50	6.37g	10.70g	19%
#100	2.09g	12.79g	3%
#200	.41g	13.20g	.2%
PASS	.03g	13.23g	~0-

NOTES:
STRONG REACTION IN HCL
NO Staining
fine aggregate, primarily quartz
clear to opaque
Angular to Sub angular particle

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MORTAR ANALYSIS

JOB EBENEZER BAPTIST CHURCH DATE 11/14/02

SAMPLE #1 FELLOWSHIP BASECOAT

SAMPLE WEIGHT 23.72 g SAMPLE HARDNESS —

TEST SAMPLE WEIGHT 20 g. TEST SAMPLE COLOR 10YR-6/2

NOTES: QUITE HARD
1/4" - 3/8" Thick

WEIGHT SOLUBLE FRACTION 4.01 g

WEIGHT SAND 15.27 g COLOR SAND 10YR-6.5/2

WEIGHT FINES .72 g COLOR FINES 10YR-6/2

SCREEN SAND	WEIGHT	CUMULATIVE WEIGHT	% PASS
#8	.03 g	.03 g	99.9%
#16	.78 g	.81 g	95%
#30	3.79 g	4.60 g	70%
#50	7.37 g	11.97 g	22%
#100	2.89 g	14.86 g	3%
#200	.38 g	15.24 g	.2%
PASS	.03 g	15.27 g	-0-

NOTES: SLOW REACTION IN HCL
YELLOW STAIN
Primarily Quartz Aggregate
Mica Present in Small Quantity

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MORTAR ANALYSIS

JOB EBENEZER BAPTIST CHURCH DATE 11/14/02

SAMPLE #2 FELCOWSHIP FINISH COAT

SAMPLE WEIGHT 11.1 g SAMPLE HARDNESS ———

TEST SAMPLE WEIGHT 10.0 g. TEST SAMPLE COLOR 2.5Y -9/1

NOTES: SMALL SAMPLE.
PAINT CONTAMINATION
Thin Finish

WEIGHT SOLUBLE FRACTION 5.03 g

WEIGHT SAND 4.23 g COLOR SAND 10YR · 7/3

WEIGHT FINES .74 g COLOR FINES 2.5Y · 6/3

SCREEN SAND	WEIGHT	CUMULATIVE WEIGHT	% PASS
#8	-0-	-0-	100%
#16	.07g	.07g	99%
#30	1.70g	1.77g	58%
#50	1.78g	3.55g	16%
#100	.60g	4.15g	2%
#200	.07g	4.22g	.3%
PASS	.01g	4.23g	-0-

NOTES: MODERATE REACTION IN HCL
YELLOW STAIN
FINE QUARTZ AGGREGATE

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MORTAR ANALYSIS

JOB EBENEZER BAPTIST CHURCH DATE 11/14/02

SAMPLE #4 BRICK MORTAR

SAMPLE WEIGHT 31.30 g SAMPLE HARDNESS —

TEST SAMPLE WEIGHT 20g TEST SAMPLE COLOR 10YR - 8/2

NOTES: Strong mortar
Large chunks
Thick

WEIGHT SOLUBLE FRACTION 4.08 g

WEIGHT SAND 14.55 g COLOR SAND 10YR - 7.5/2

WEIGHT FINES 1.37 g COLOR FINES 2.5Y - 6/2

SCREEN SAND	WEIGHT	CUMULATIVE WEIGHT	% PASS
#8	.03g	.03g	99.5%
#16	.16g	.19g	99%
#30	2.47g	2.66g	82%
#50	7.20g	9.86g	32%
#100	4.06g	13.92g	4%
#200	.06g	14.52g	.3%
PASS	.03g	14.55g	-0-

NOTES: Moderate reaction in fines
Aggregate well graded quartz
Angular to sub-angular
Yellow stain

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MORTAR ANALYSIS

JOB EBENEZER BAPTIST CHURCH DATE 11/14/02

SAMPLE #5 SANCTUARY BASECOAT

SAMPLE WEIGHT 11.62g SAMPLE HARDNESS —

TEST SAMPLE WEIGHT 8.5g TEST SAMPLE COLOR 10YR-7/2

NOTES:
Still wet in sample bag
No Hair

WEIGHT SOLUBLE FRACTION 1.93g

WEIGHT SAND 6.31g COLOR SAND 10YR-7.5/2

WEIGHT FINES .26g COLOR FINES 10YR-7/3

SCREEN SAND	WEIGHT	CUMULATIVE WEIGHT	% PASS
#8	.03g	.03g	99%
#16	.43g	.46g	93%
#30	2.46g	2.92g	54%
#50	2.31g	5.23g	17%
#100	.92g	6.15g	3%
#200	.15g	6.30g	.2%
PASS	.01g	6.31g	-0-

NOTES: STRONG REACTION IN HCL
primarily quartz
Angular to sub-angular

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MORTAR ANALYSIS

JOB EBENEZER BAPTIST CHURCH DATE 11/14/02

SAMPLE #7 Balcony Basecoat

SAMPLE WEIGHT 47.22g SAMPLE HARDNESS —

TEST SAMPLE WEIGHT 20g TEST SAMPLE COLOR 10YR - 8/2

NOTES: GOOD STRENGTH
HAIR PRESENT
OVER WOOD LATH

WEIGHT SOLUBLE FRACTION ~~2.7g~~ 2.7g

WEIGHT SAND 16.95g COLOR SAND 10YR · 7.5/2

WEIGHT FINES .35g COLOR FINES 2.5Y - 6.5/2

SCREEN SAND	WEIGHT	CUMULATIVE WEIGHT	% PASS
#8	.02g	.02g	99.87
#16	1.64g	1.66g	90%
#30	8.65g	10.31g	39%
#50	5.12g	15.43g	9%
#100	1.35g	16.78g	1%
#200	.16g	16.94g	.1%
PASS	.01g	16.95g	.0

NOTES: STRONG REACTION IN HCL
Aggregate well graded quartz
Angular to Sub Angular

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APPENDIX A
PHOTOGRAPHS

1. North Elevation

2. Fellowship Hall
   West Wall

3. Stair Hall
   West Wall

4. Stair Hall
   North Wall

5. Sanctuary
   East Wall Damage

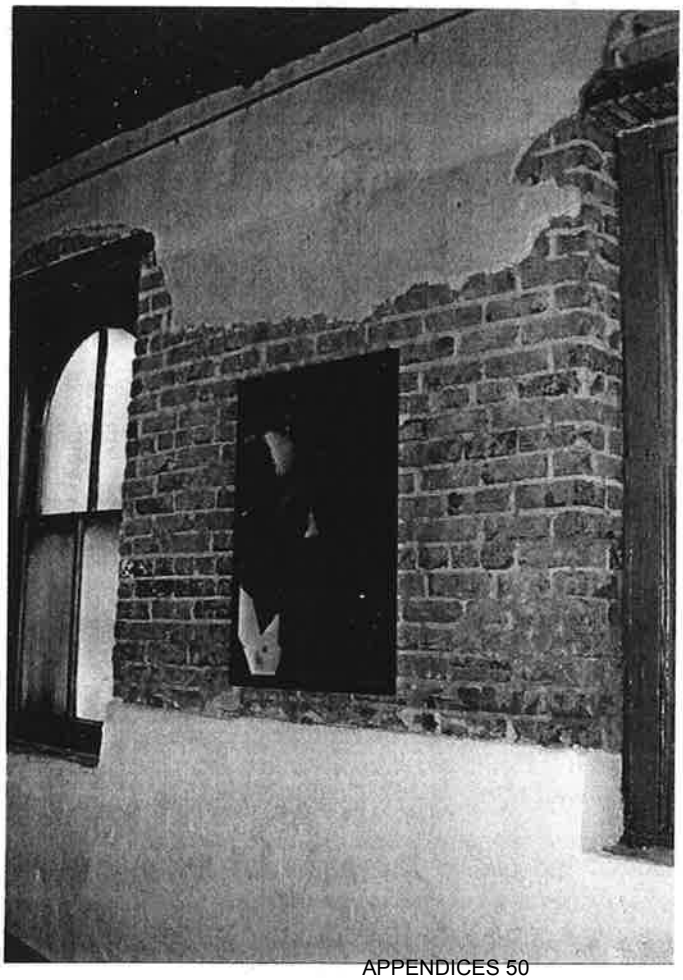
6. Sanctuary
   East Wall Exposure

7. Exterior
   East Wall

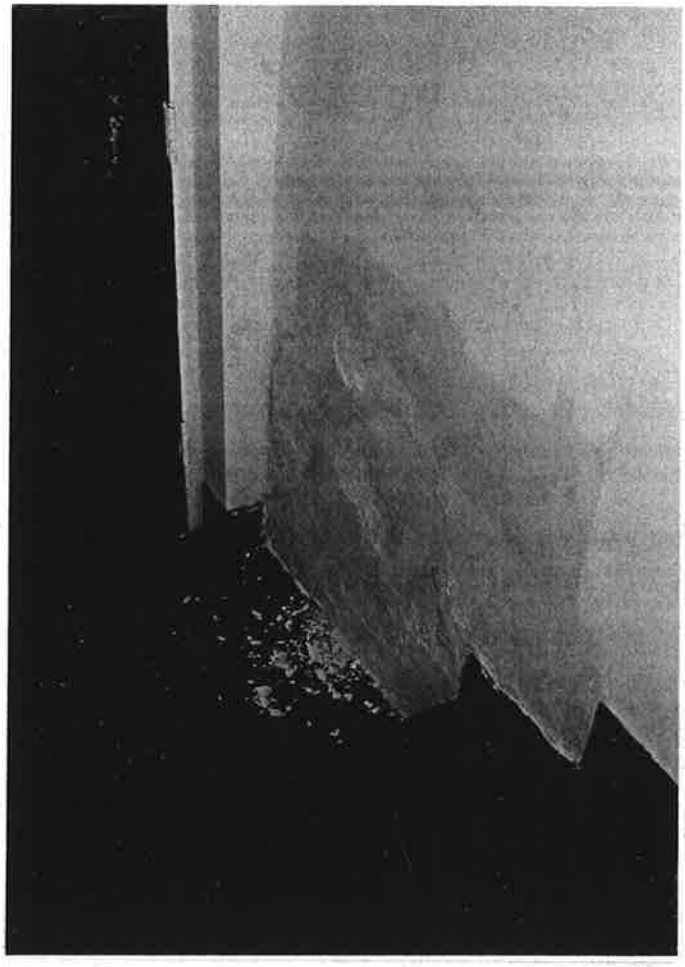
8. Exterior
   East Wall



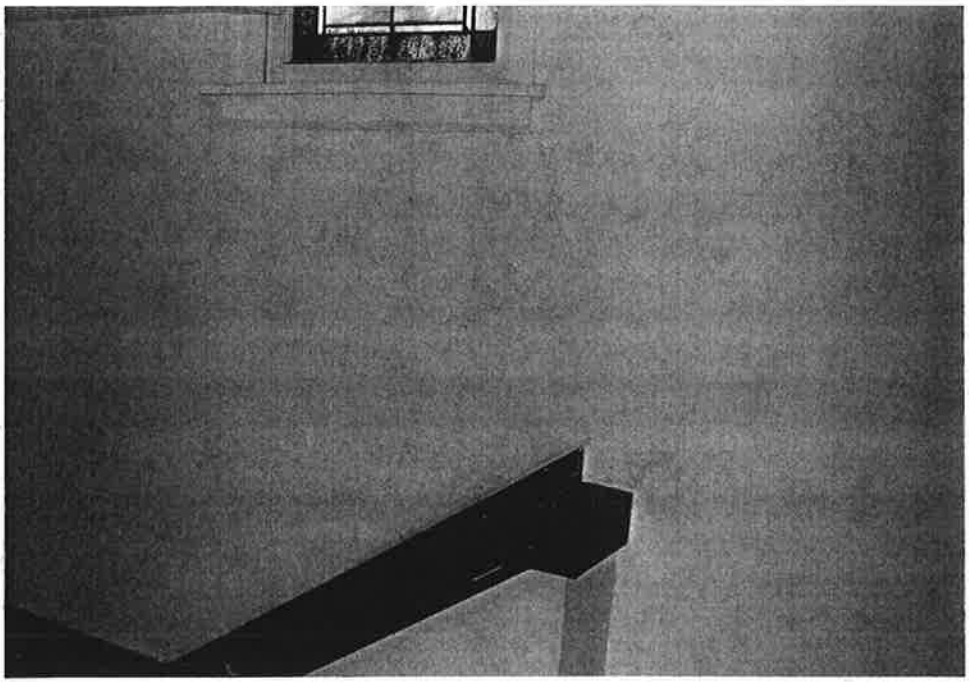
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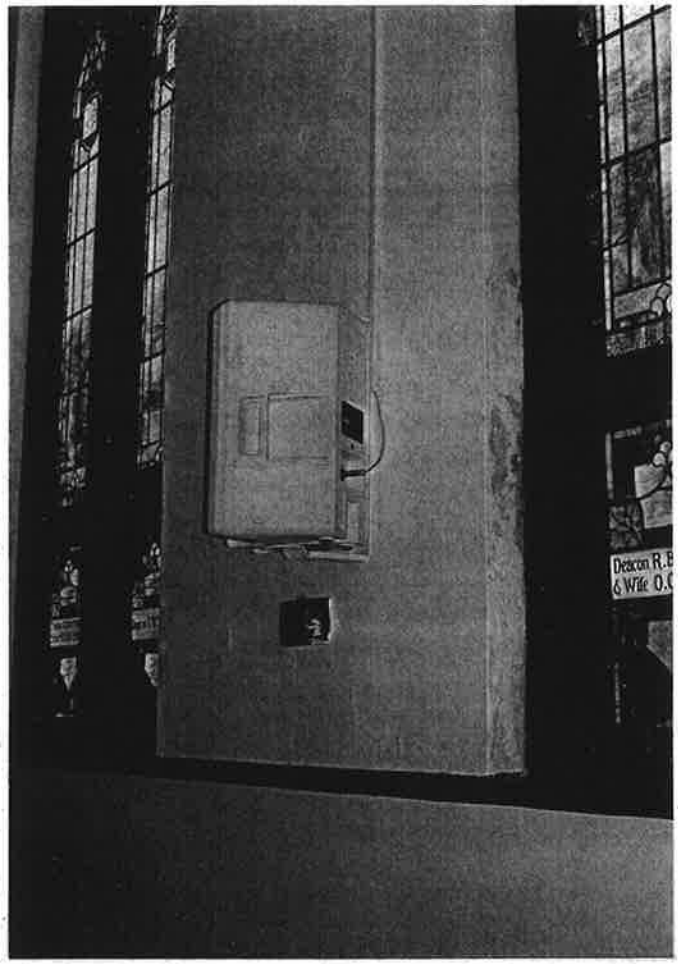
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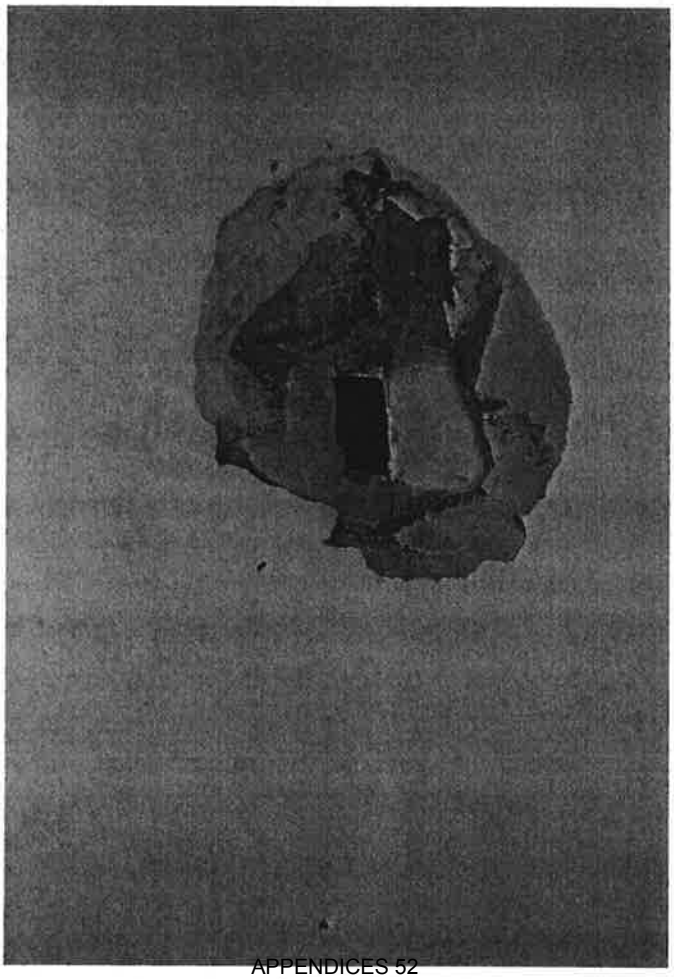
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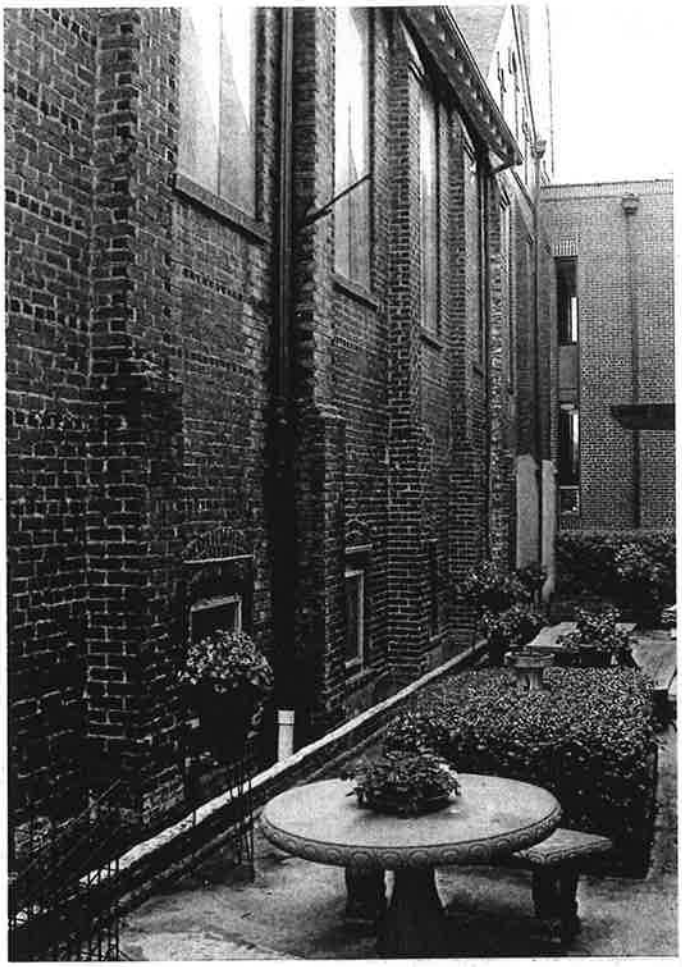
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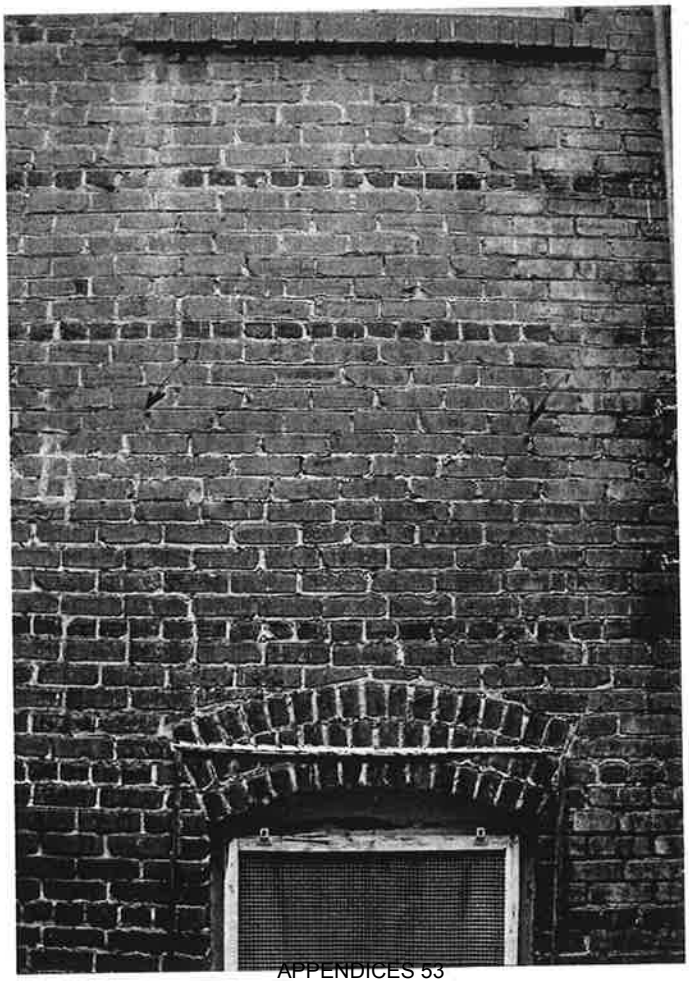
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6



7



8

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Our Ref M/0255/03/R1/C1
Your Ref. 22029-00

28th September 2003

CERTIFICATE OF ANALYSIS OF A MORTAR SAMPLE FOR MIX PROPORTIONS

Project Reference	:	Ebenezer Baptist Church, Atlanta
Sample Location	:	Outside corners of Buttress at base of building from an area constructed in 1914
Sample Description	:	Brickwork Jointing Mortar
Client Sample Ref.	:	Sample 0041
Date Received	:	4th September 2003
Lab Ref	:	SR 725 S1a
Date of Test	:	15th & 17th September 2003
Method of Test	:	In-house method based on acid dissolution following the procedures of the SLCT Test methods

1 Constituents

	% by mass
Insoluble Residue (Sand), % by dry mass	78.15
Binder, % by dry mass	21.85
As Received Moisture Content	0.42

2 Approximate mix composition as a ratio of aggregate to binder by mass

Aggregate	3.58
Lime	1.0

3 Mortar mix proportion by volume

	Lime Hydrate Mix	Lime Putty Mix
Aggregate	1.88	2.41
Lime	1.00	1.00

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4 Aggregate Grading

Following the digestion of the binder the insoluble residue was recovered, dried and submitted to a grading analysis. The particle size distribution is presented pictorially in the form of a sand graph, see attached, and in tabular form in the following table:

Grading Analysis

BS Sieve Size	% Retained on BS sieve	Cumulative % passing
10.00mm	0	100
5.00mm	0	100
2.36mm	0	100
1.18mm	0	100
600µm	3.19	96.8
300µm	34.23	62.6
150µm	40.74	21.9
75µm	15.78	6.1
Passing	6.05	

5 Summary

The sample received consisted of several small pieces of aggregates bound together with a weak matrix in a bag of loose sand and fines. The pieces were soft and finger friable, easily disaggregated under light finger pressure, although the mortar was apparently well compacted, with few voids observed. Small localised lime inclusions were noted, the shape and texture of the inclusions were such as to suggest that the binder used in the mix was most likely a lime putty.

The colour of the mortar was assessed by comparison with the "Munsell Soil Color Charts" and was found to be 10YR 8.2 – very pale brown.

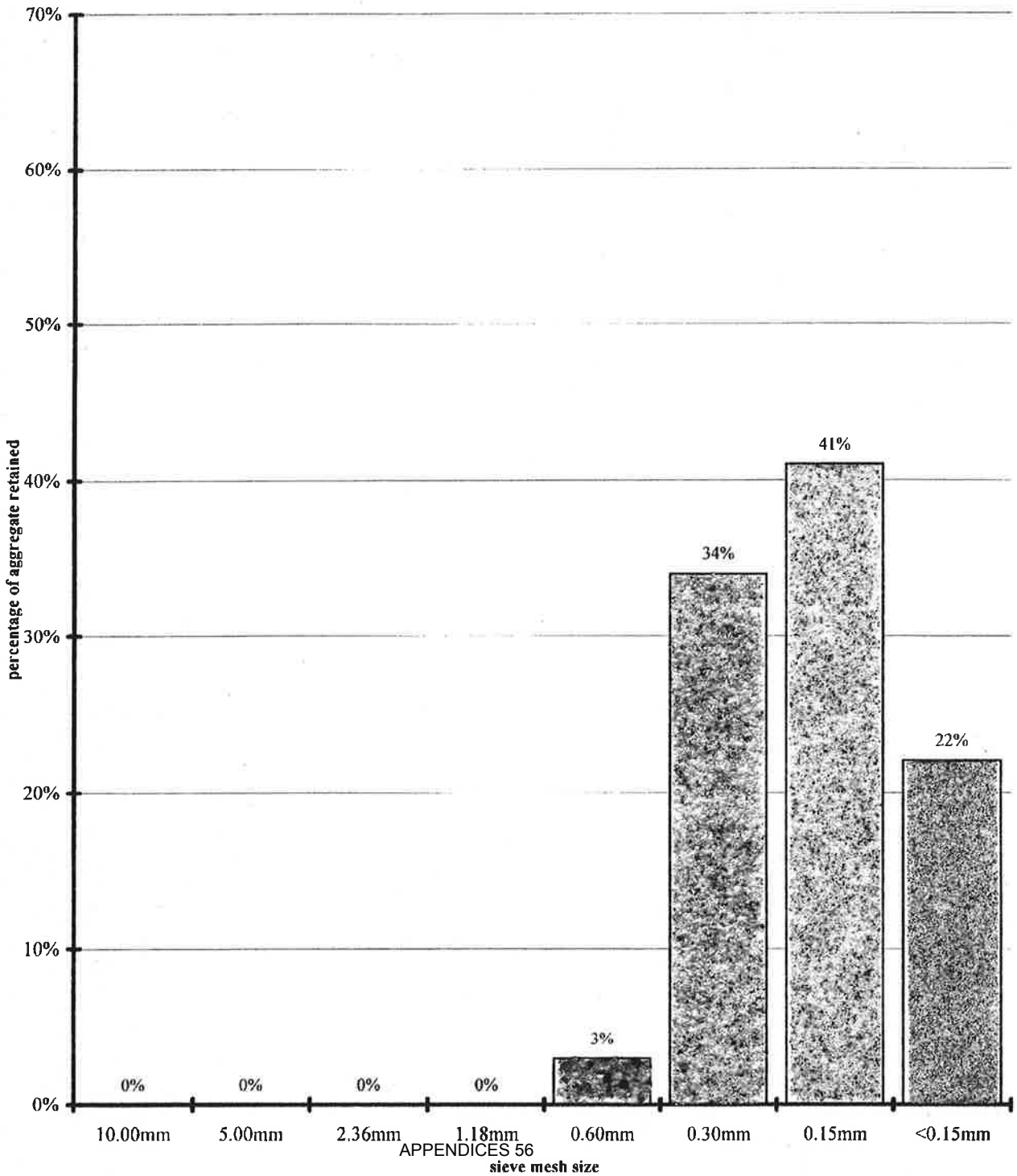
From an XRD analysis on a concentrated binder sample it was confirmed that there were no hydraulic components were identified in the sample submitted. A minor gypsum content may suggest some sulphation of the lime by a reaction with acid rain or sulphate bearing ground waters, i.e. rising damp.

It is therefore concluded that the mortar from which the sample was obtained is a fat lime mortar. No dolomitic components or magnesium based hydration or carbonation products were detected, thereby indicating that the lime used was a high calcium lime.

6 Quality Statement

We confirm that in the preparation of this report we have exercised reasonable skill and care.

Ebenezer Baptist Churh, Atlanta
Sample No. S1A
Corner of Buttress, low level - circa 1914



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Our Ref M/0255/03/R1/C2
Your Ref. 22029-00

28th September 2003

CERTIFICATE OF ANALYSIS OF A MORTAR SAMPLE FOR MIX PROPORTIONS

Project Reference	:	Ebenezer Baptist Church, Atlanta
Sample Location	:	Outside corners of Buttress, approximately 3 feet Below sill of stained glass window, from an area constructed in 1922
Sample Description	:	Brickwork Jointing Mortar
Client Sample Ref.	:	Sample 0042
Date Received	:	4th September 2003
Lab Ref	:	SR 725 S2a
Date of Test	:	15th to 17th & 22nd to 24th September 2003
Method of Test	:	In-house method based on the procedures of BS4551 : Part 2 : 1998

1 Constituents

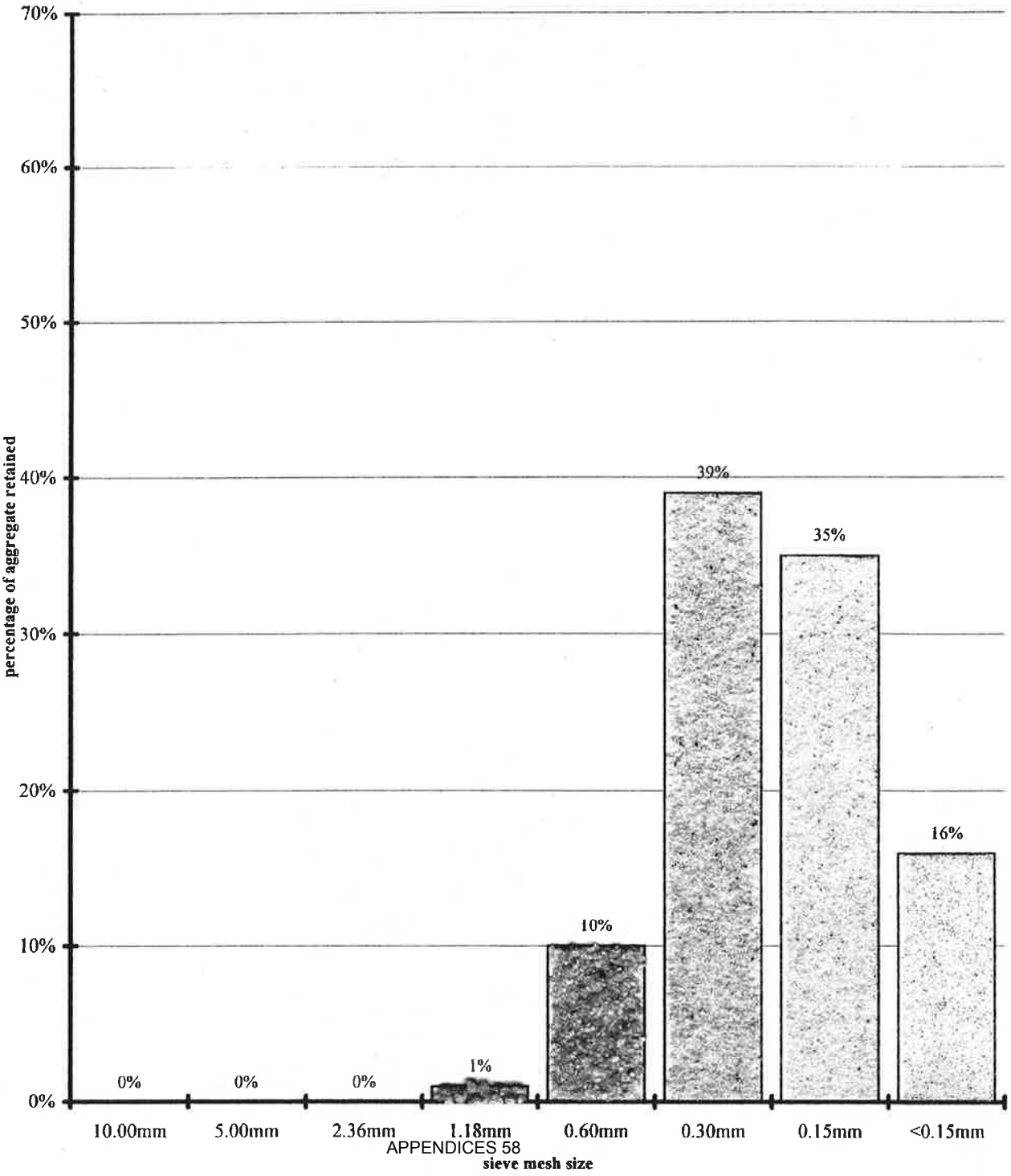
	% by mass
Insoluble Residue	62.08
Soluble Silica (SiO_2)	3.95
Calcium Oxide (CaO)	16.60
Loss on Ignition	14.94
As Received Moisture Content	0.74

2 Calculated composition of the sample expressed to the nearest 0.5% by mass on dry mass

Cement	22.5
Lime	6.0
Sand	71.5

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Ebenezer Baptist Churh, Atlanta
Sample No. S2A
Corner of Buttress, below sill- circa 1922



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Our Ref M/0255/03/R1/C3
Your Ref. 22029-00

28th September 2003

CERTIFICATE OF ANALYSIS OF A MORTAR SAMPLE FOR MIX PROPORTIONS

Project Reference	:	Ebenezer Baptist Church, Atlanta
Sample Location	:	Sample taken from the stair tower on the eastern elevation, below window, from an area constructed in 1922
Sample Description	:	Brickwork Jointing Mortar
Client Sample Ref.	:	Sample 0044
Date Received	:	4th September 2003
Lab Ref	:	SR 725 S4a
Date of Test	:	15th to 17th & 22nd to 24th September 2003
Method of Test	:	In-house method based on the procedures of BS4551 : Part 2 : 1998

1 Constituents — **% by mass**

Insoluble Residue	61.22
Soluble Silica (SiO_2)	4.30
Calcium Oxide (CaO)	17.23
Loss on Ignition	14.18
As Received Moisture Content	0.66

2 Calculated composition of the sample expressed to the nearest 0.5% by mass on dry mass

Portland Cement	24.5
Lime	5.0
Sand	70.5

Registered in Scotland 140220 VAT No. 561 6504 48

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3 Approximate volume proportions calculated on the basis of the assumptions mentioned in BS 4551 : Part 2: 1998

Portland Cement	1.0
Lime	0.5
Sand	2.5

4 Aggregate Grading

Following the digestion of the binder the insoluble residue was recovered, dried and submitted to a grading analysis. The particle size distribution is presented pictorially in the form of a sand graph, see attached, and in tabular form in the following table:

Grading Analysis

BS Sieve Size	% Retained on BS sieve	Cumulative % passing
10.00mm	0	100
5.00mm	0	100
2.36mm	0	100
1.18mm	2.73	97.3
600μm	15.03	82.3
300μm	34.18	48.1
150μm	27.39	20.7
75μm	9.30	11.4
Passing	11.41	

5 Summary

The sample received consisted of a number of pieces of hard well bonded mortar. The mortar was hard and resisted breakage under finger pressure. The mortar is intact and showed no tendency towards friability and was uniform throughout its thickness, with no lime inclusions observed. The mortar was indicated to retain small patches of uncarbonated material. The colour of the mortar was assessed by comparison with the "Munsell Soil Color Charts" and was assessed as to be 10YR 8.1 – white.

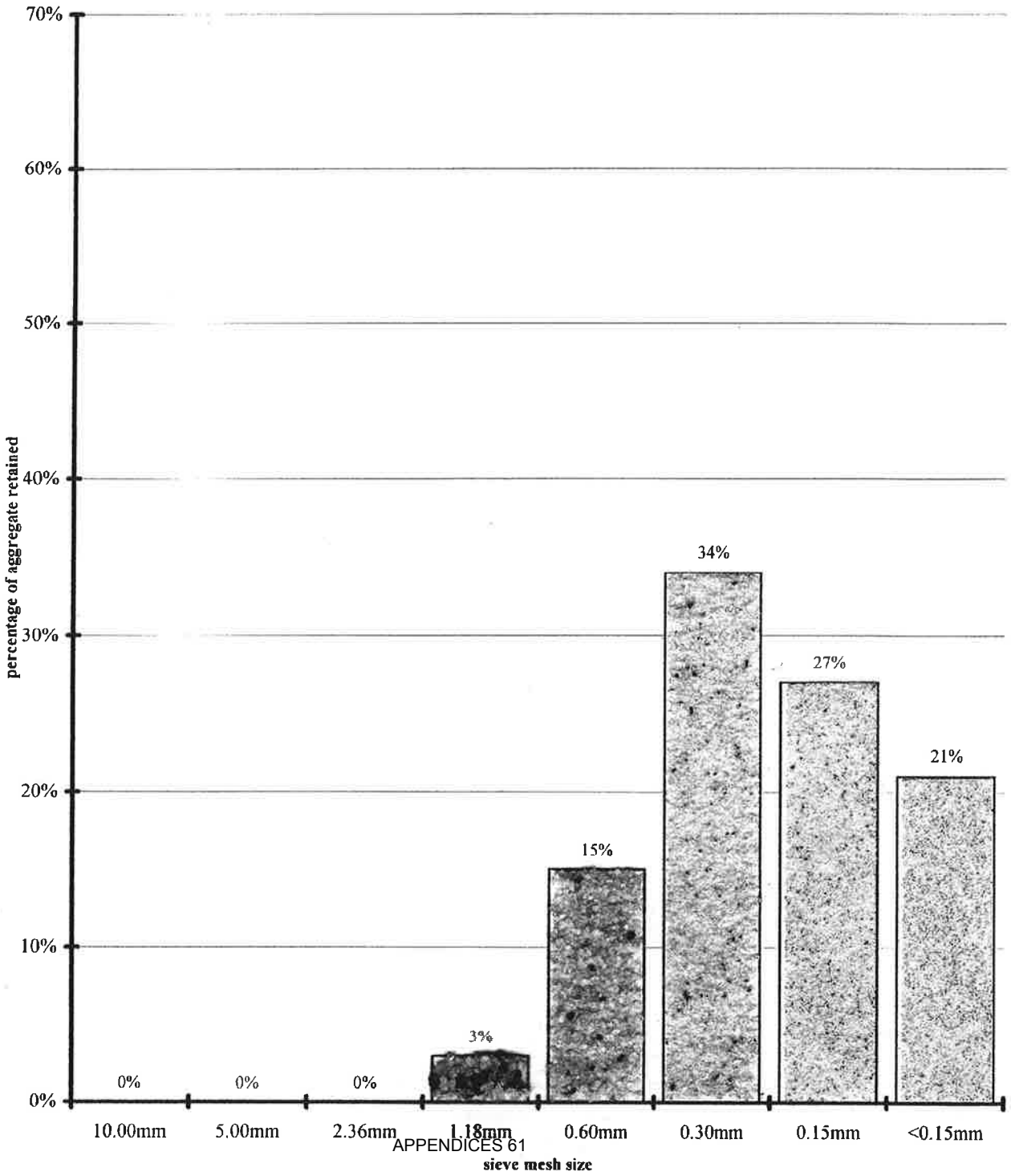
From an XRD analysis on a concentrated binder sample it was indicated that the mortar was most likely based on a Portland type cement with added lime. A sub-sample was analysed by the methods of BS 4551 with the result that the mortar was classified as a cement/lime/sand mix, with the following volume proportions:

1.0 (cement) : 0.5 (hydrated lime) : 2.5 (sand)

6 Quality Statement

We confirm that in the preparation of this report we have exercised reasonable skill and care.

Ebenezer Baptist Churh, Atlanta
Sample No. S4A
Stair Tower, Eastern Elevation, Below window- circa 1922



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USA

Our Ref M/0255/03/R1/C4
Your Ref. 22029-00

28th September 2003

CERTIFICATE OF ANALYSIS OF A MORTAR SAMPLE FOR MIX PROPORTIONS

Project Reference	:	Ebenezer Baptist Church, Atlanta
Sample Location	:	Sample taken from the 1970's addition
Sample Description	:	Brickwork Jointing Mortar
Client Sample Ref.	:	Sample 0045
Date Received	:	4th September 2003
Lab Ref	:	SR 725 S5a
Date of Test	:	15th to 17th & 22nd to 24th September 2003
Method of Test	:	In-house method based on the procedures of BS4551 : Part 2 : 1998

1 Constituents — **% by mass**

Insoluble Residue	75.42
Soluble Silica (SiO_2)	3.71
Calcium Oxide (CaO)	10.85
Loss on Ignition	8.72
As Received Moisture Content	0.34

2 Calculated composition of the sample expressed to the nearest 0.5% by mass on dry mass

Portland Cement	18.0
Sand	82.0

3 Approximate volume proportions calculated on the basis of the assumptions mentioned in BS 4551 : Part 2: 1998

Portland Cement	1.0
Sand	3.9

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4 Aggregate Grading

Following the digestion of the binder the insoluble residue was recovered, dried and submitted to a grading analysis. The particle size distribution is presented pictorially in the form of a sand graph, see attached, and in tabular form in the following table:

Grading Analysis

BS Sieve Size	% Retained on BS sieve	Cumulative % passing
10.00mm	0	100
5.00mm	0	100
2.36mm	0	100
1.18mm	0.30	99.7
600µm	9.11	90.6
300µm	44.43	46.2
150µm	32.30	13.9
75µm	10.02	3.8
Passing	3.84	

5 Summary

The sample received consisted of a single large piece of hard well bonded mortar plus several smaller pieces with some aggregates and disaggregated fines. The mortar was hard and resisted breakage under finger pressure. The mortar is intact and showed no tendency towards friability. The outer surfaces of the intact pieces were heavily soiled with carbon based pollutants and some local organic growths. The mortar was indicated, from indicator tests to be fully carbonated. The colour of the mortar was assessed by comparison with the "Munsell Soil Color Charts" and was assessed as to be 2.5Y 8.1 – white.

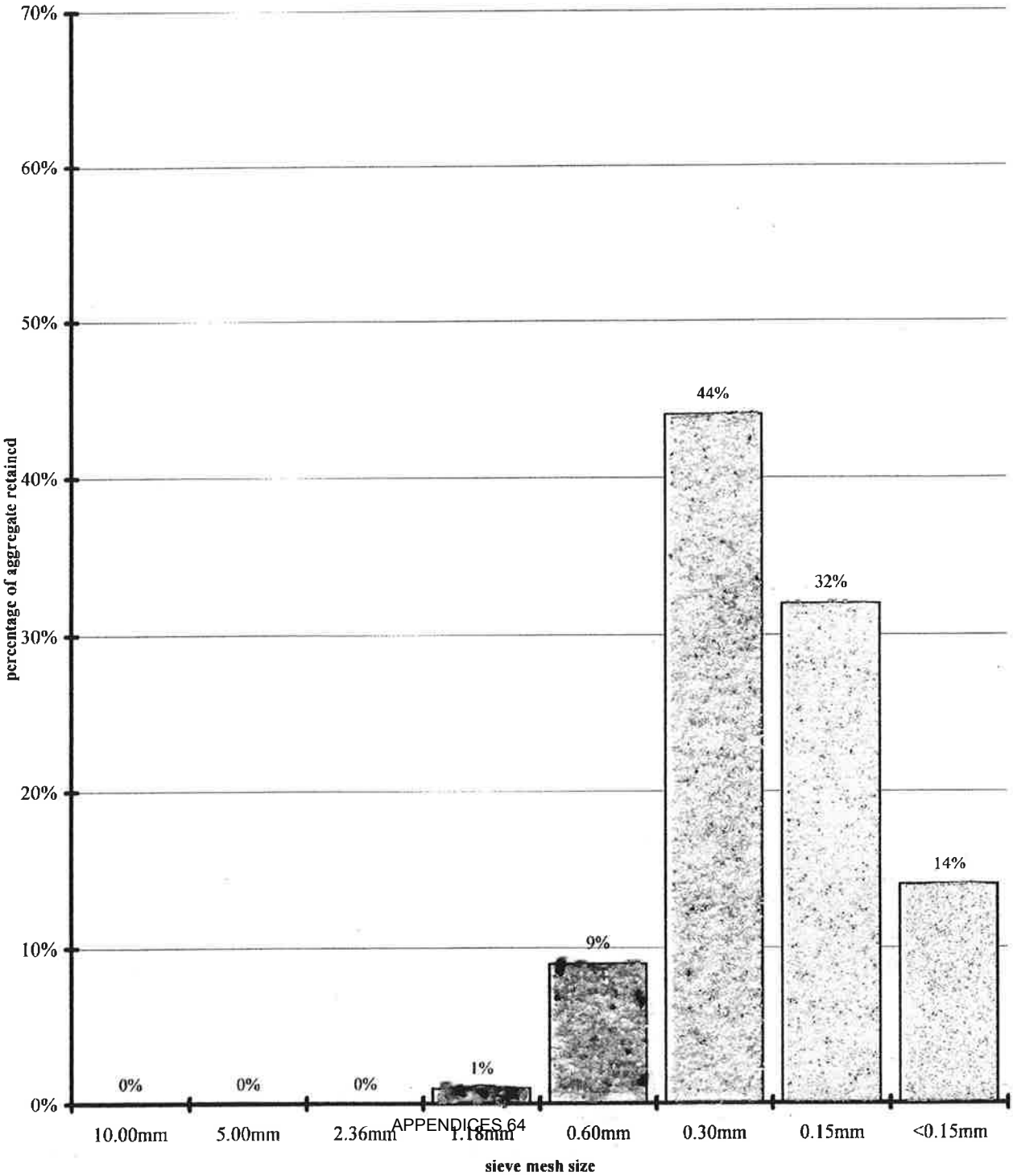
From an XRD analysis on a concentrated binder sample it was indicated that the mortar was likely based on a cement, which, from the mineralogy, appeared to be an aluminous cement or a Portland type cement with a high aluminium content. A sub-sample was analysed by the methods of BS 4551 with the result that the mortar was classified as a cement/sand mix, with the following volume proportions:

1.0 (cement) : 3.9 (sand)

6 Quality Statement

We confirm that in the preparation of this report we have exercised reasonable skill and care.

Ebenezer Baptist Churh, Atlanta
Sample No. S5A
1970's addition



Construction Materials Consultants

Wallace House, Whitehouse Road, Stirling, FK7 7TA
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CMC

Lord Aeck & Sargent
1201 Peachtree Street NE
Suite 300
Atlanta
Georgia, 30361-3500
USA

Our ref: M/0255/03/C5
Your Ref: 22029-00

28th September 2003

CERTIFICATE OF ANALYSIS BY X-RAY DIFFRACTION

Project Reference	:	Ebenezer Baptist Church
Sample Location	:	Outside corners of buttress at approx 3 feet below sill of stained glass window
Sample Description	:	Bed joint mortar – circa 1922
Client Sample Ref.	:	Sample S2A
Date Received	:	4th September 2003
Lab Ref	:	SR 725 S2A
Date of Test	:	9th -11th September 2003
Method of Test	:	In-house procedures.

Results of Analysis

Results of the analysis are presented in the attached diffractograms; see appended Figure No. 1. The short-hand notation used in the diffractograms to identify the peak positions are as follows:

cc = Calcite - Calcium carbonate ($CaCO_3$) – carbonated binder component,
qz = Quartz – (SiO_2) - aggregate component,
ch = Chloritoid – probably present as an aggregate component,
mu = Muscovite mica - aggregate component,
gy = Gypsum – Calcium sulphate hydrate ($CaSO_4$ $2H_2O$), present as a binder additive, contaminant or a sulphate reaction product.

In addition to the above there is possibly trace quantities of Gehlenite (calcium aluminium silicate) and Larnite (calcium silicate). The fully carbonated condition of the sample has made discrimination of the minor components present in the mortar difficult to resolve.

Method of Test

A sub-sample was extracted from the sample 'as received', dried to a constant weight and prepared for analysis by crushing the mortar and grinding the disaggregated material in an agate mortar and pestle to pass a 63μm sieve. The prepared powder sample was backpacked into proprietary sample holder for presentation in the X-ray Diffractometer.

CMC

Back-packing techniques were employed to ensure, as near as possible, the completely random orientation of the crystalline components required to give true peak intensities. The sample was analysed in a Philips X-ray Diffractometer fitted with a single crystal monochromator, set to run over the range 5° to 55° 2θ in steps of 0.1° 2θ at a rate of 1° 2θ/minute using CuKα radiation.

The digital output from the diffractometer was analysed by a computer program, which matched the peak positions against the JCPDS International Standard Mineral Data-base sub files using a search window of 0.1°.

Discussion

From the results of the XRD analysis it is inferred that the binder used in the mortar was either a natural cement or an eminently hydraulic lime. There were no phases detected that would suggest the presence of a dolomitic component in the mortar, such as a magnesium lime. However, the mortar is fully carbonated and shows evidence, in the hand specimen of weathering and, possibly, leaching of binder components.

The presence of gypsum is considered to be due to the reaction of the lime within the binder with atmospheric pollutants (acid rain – sulphuric acid) reaction to produce the calcium sulphate hydrate now present. It is not considered that gypsum would have been added as an additive to the mortar.

The aggregate in the mortar is dominated by quartz, with quartz forming in excess of 97% of the aggregate within the sample recovered from the mortar. A minor mica content was identified along with a trace of clay (chloritoid).

Quality Statement

We confirm that in the preparation of this report we have exercised reasonable skill and care

W A Revie
For CMC Ltd.

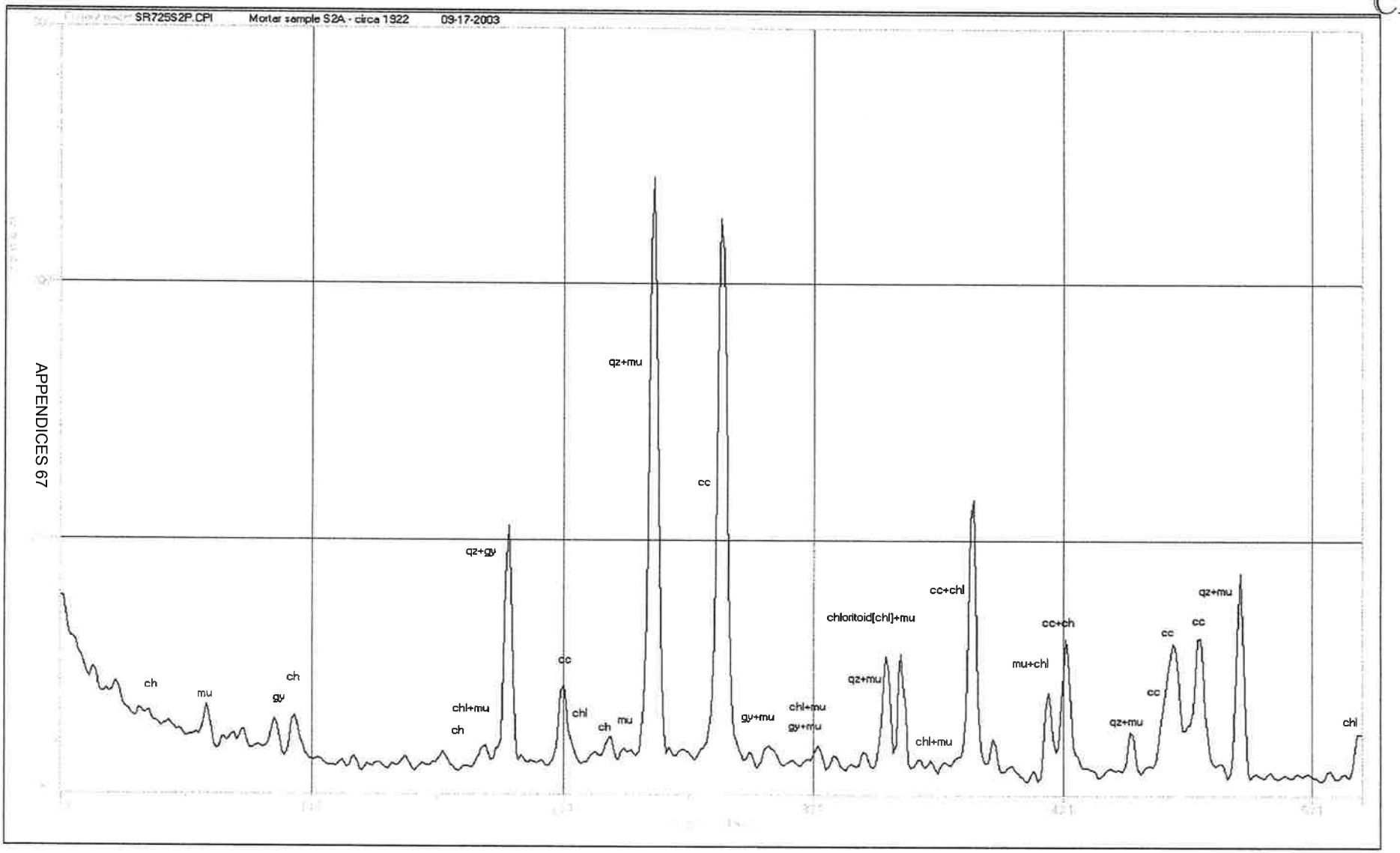

SR725S2P.CPI
Mortar sample S2A - circa 1922
09-17-2003
ch
mu
gy
ch
qz+gy
chl+mu
ch
cc
chl
ch
mu
qz+mu
cc
gy+mu
chl+mu
gy+mu
qz+mu
chloritoid[chl]+mu
chl+mu
cc+chl
mu+chl
cc+ch
qz+mu
cc
cc
cc
qz+mu
chl

Figure No. 1

Construction Materials Consultants

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CMC

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Suite 300
Atlanta
Georgia, 30361-3500
USA

Our ref: M/0255/03/C6
Your Ref: 22029-00

28th September 2003

CERTIFICATE OF ANALYSIS BY X-RAY DIFFRACTION

Project Reference	:	Ebenezer Baptist Church
Sample Location	:	Stair Tower on Eastern Elevation, below window
Sample Description	:	Bed joint mortar – circa 1922
Client Sample Ref.	:	Sample S4A
Date Received	:	4th September 2003
Lab Ref	:	SR 725 S4A
Date of Test	:	9th -11th September 2003
Method of Test	:	In-house procedures.

Results of Analysis

Results of the analysis are presented in the attached diffractograms; see appended Figure No. 1. The short-hand notation used in the diffractograms to identify the peak positions are as follows:

cc = Calcite - Calcium carbonate ($CaCO_3$) – carbonated binder component,
qz = Quartz – (SiO_2) - aggregate component,
ch = Chloritoid – probably present as an aggregate component,
mi = Microcline, feldspar aggregate component,
ar = Aragonite, another form of calcium carbonate, may be present from shell fragments or as a variation on the crystalline form of carbonated binder component,
po = Portlandite - Calcium hydroxide (Ca $[OH]_2$) – hydration component,

Method of Test

The sample 'as received' was dried to a constant weight quartered and prepared for analysis by crushing the mortar and grinding the disaggregated material in an agate mortar and pestle to pass a 63μm sieve. The prepared powder sample was backpacked into proprietary sample holder for presentation in the X-ray Diffractometer.

Back-packing techniques were employed to ensure, as near as possible, the completely random orientation of the crystalline components required to give true peak intensities. The sample was analysed in a Philips X-ray Diffractometer fitted with a single crystal monochromator, set to run over the range 5° to 55° 2θ in steps of 0.1° 2θ at a rate of 1° 2θ/minute using CuKα radiation.

CMC

The digital output from the diffractometer was analysed by a computer program, which matched the peak positions against the JCPDS International Standard Mineral Data-base sub files using a search window of 0.1°.

Discussion

From the results of the XRD analyses it is indicated that the binder used in the mortar was a cementitious type mortar with probably a lime content in the form of a cement/lime/sand mix. There were no silicate miners, from the binder, detected that would assist in clarifying whether the binder was an early Portland cement or a natural cement, though on the balance of probability the former is considered the most likely.

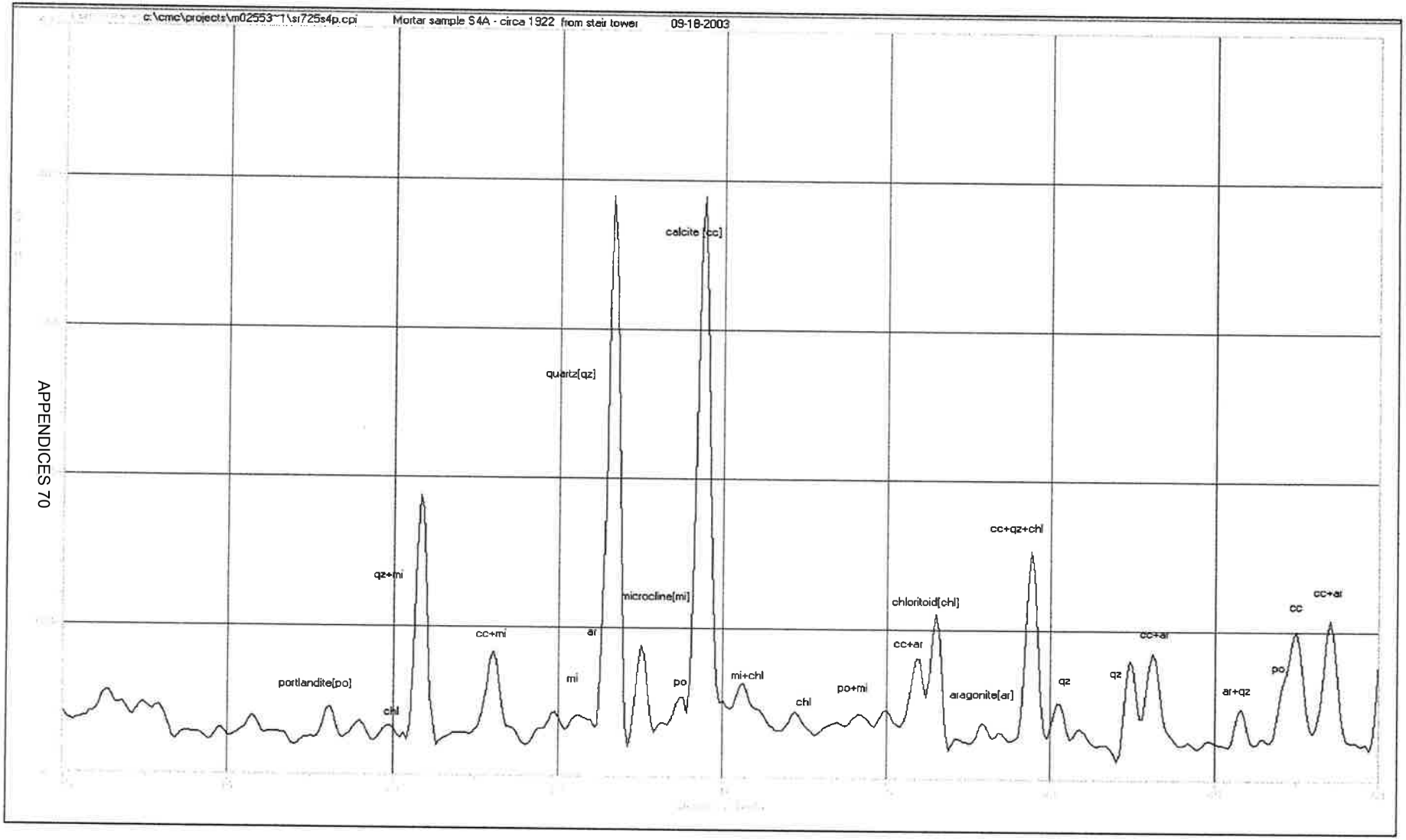
The aggregates in the mortar are dominated by quartz. A minor feldspar (microcline) component with a trace of clay (chloritiod) was also identified along with a minor trace of aragonite, which may suggest the presence of shell fragment in the mortar. The aggregate components contain some low grade metamorphic components which may assist in identifying a suitable source for use in mortars for refurbishment works. However, the sand is predominantly quartz, containing more than 95%.

Quality Statement

We confirm that in the preparation of this report we have exercised reasonable skill and care

W A Revie
For CMC Ltd.

CMC



M/0255/03/C6

Figure No. 1

Construction Materials Consultants

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CMC

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Atlanta
Georgia, 30361-3500
USA

Our ref: M/0255/03/C7
Your Ref: 22029-00

28th September 2003

CERTIFICATE OF ANALYSIS BY X-RAY DIFFRACTION

Project Reference	:	Ebenezer Baptist Church
Sample Location	:	Sample taken from the 1970's addition
Sample Description	:	Bed joint mortar – circa 1970's
Client Sample Ref.	:	Sample S5A
Date Received	:	4th September 2003
Lab Ref	:	SR 725 S5A
Date of Test	:	9th -11th September 2003
Method of Test	:	In-house procedures.

Results of Analysis

Results of the analysis are presented in the attached diffractograms; see appended Figure No. 1. The short-hand notation used in the diffractograms to identify the peak positions are as follows:

cc = Calcite - Calcium carbonate ($CaCO_3$) – carbonated binder component,
qz = Quartz – (SiO_2) - aggregate component,
mu = Muscovite mica - aggregate component,
CAH10 = High Alumina Cement (HAC), initial meta-stable hydration phase of HAC
AH3 = Gibbsite – ultimate conversion product of (HAC,
C4AH11 = Calcium Aluminium Oxide Carbonate – carbonation reaction product of HAC.

Method of Test

The sample 'as received' was dried to a constant weight followed by crushing the mortar and grinding the disaggregated material in an agate mortar and pestle to pass a 63μm sieve. The binder fraction was further concentrated in preparation for analysis employing vibro-separation techniques. The prepared powder sample was backpacked into proprietary sample holder for presentation in the X-ray Diffractometer.

Back-packing techniques were employed to ensure, as near as possible, the completely random orientation of the crystalline components required to give true peak intensities. The sample was analysed in a Philips X-ray Diffractometer fitted with a single crystal monochromator, set to run over the range 5° to 55° 2θ in steps of 0.1° 2θ at a rate of 1° 2θ/minute using CuKα radiation.

CMC

The digital output from the diffractometer was analysed by a computer program, which matched the peak positions against the JCPDS International Standard Mineral Data-base sub files using a search window of 0.1°.

Discussion

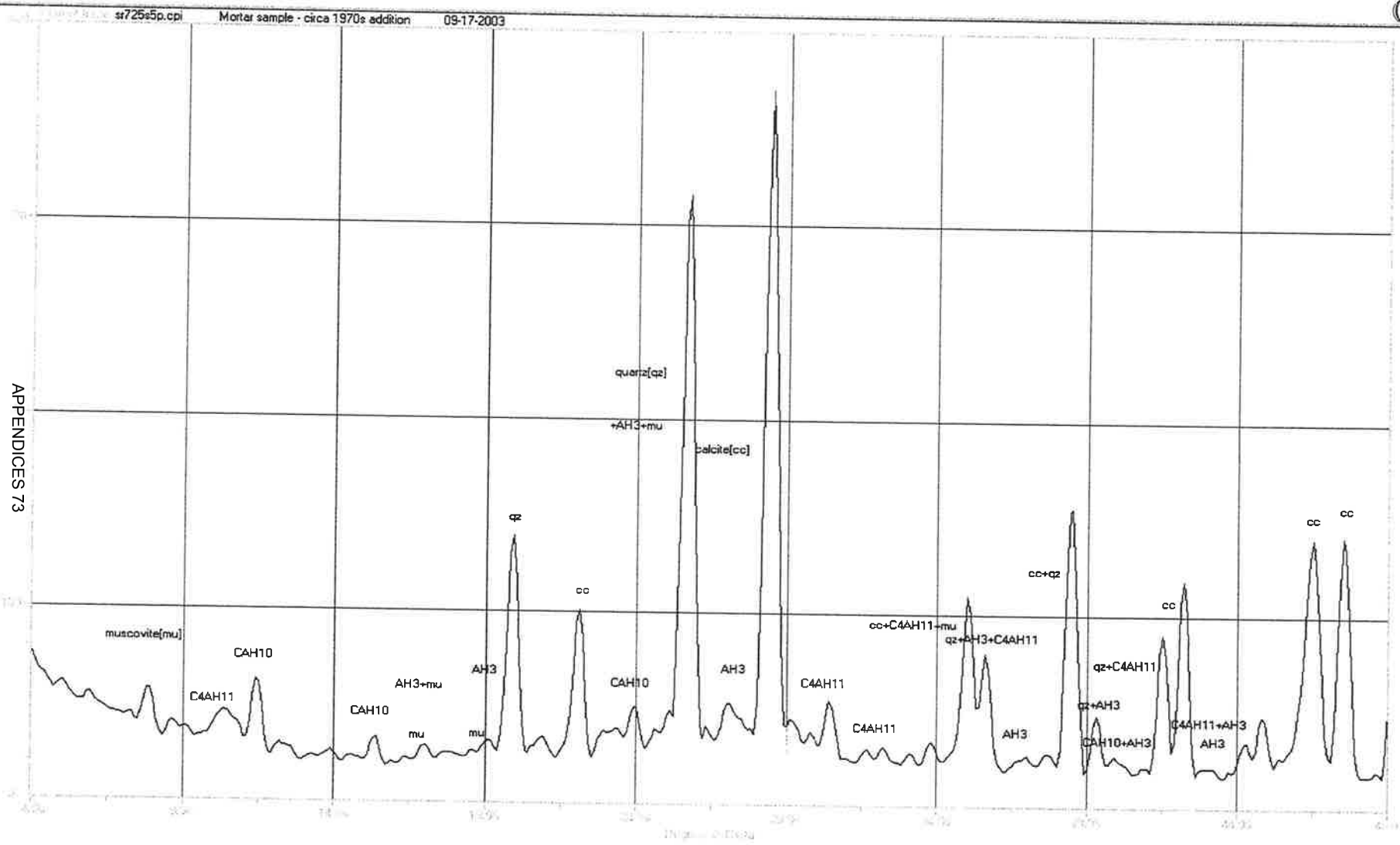
On the basis of the analysis carried out it is indicated that the binder used in the mortar was a High Alumina Cement, such as "Cement Fondu" or some other form of Portland cement with a high aluminium content. The cement has undergone conversion, though not completely with a proportion of the converted material reacting with atmospheric carbon dioxide, in the presence of moisture to form the compounds detected in the analysis. The compounds detected are those normally associated with the aging of High Alumina Cements. No alkaline hydrolysis reaction products were identified in the sample examined.

The aggregates in the mortar are dominated by quartz. A muscovite mica content was confirmed along with trace quantities of chlorite. The aggregate was, however, mainly composed of quartz.

Quality Statement

We confirm that in the preparation of this report we have exercised reasonable skill and care

W A Revie
For CMC Ltd.



APPENDICES 73

M/0255/03/C7

Figure No. 1

INTERNAL AND EXTERNAL

INFRARED SURVEY DRAWINGS

Design Development

February 16, 2004

Warm Anomalies

Cold Anomalies




Warm Anomalies
Cold Anomalies

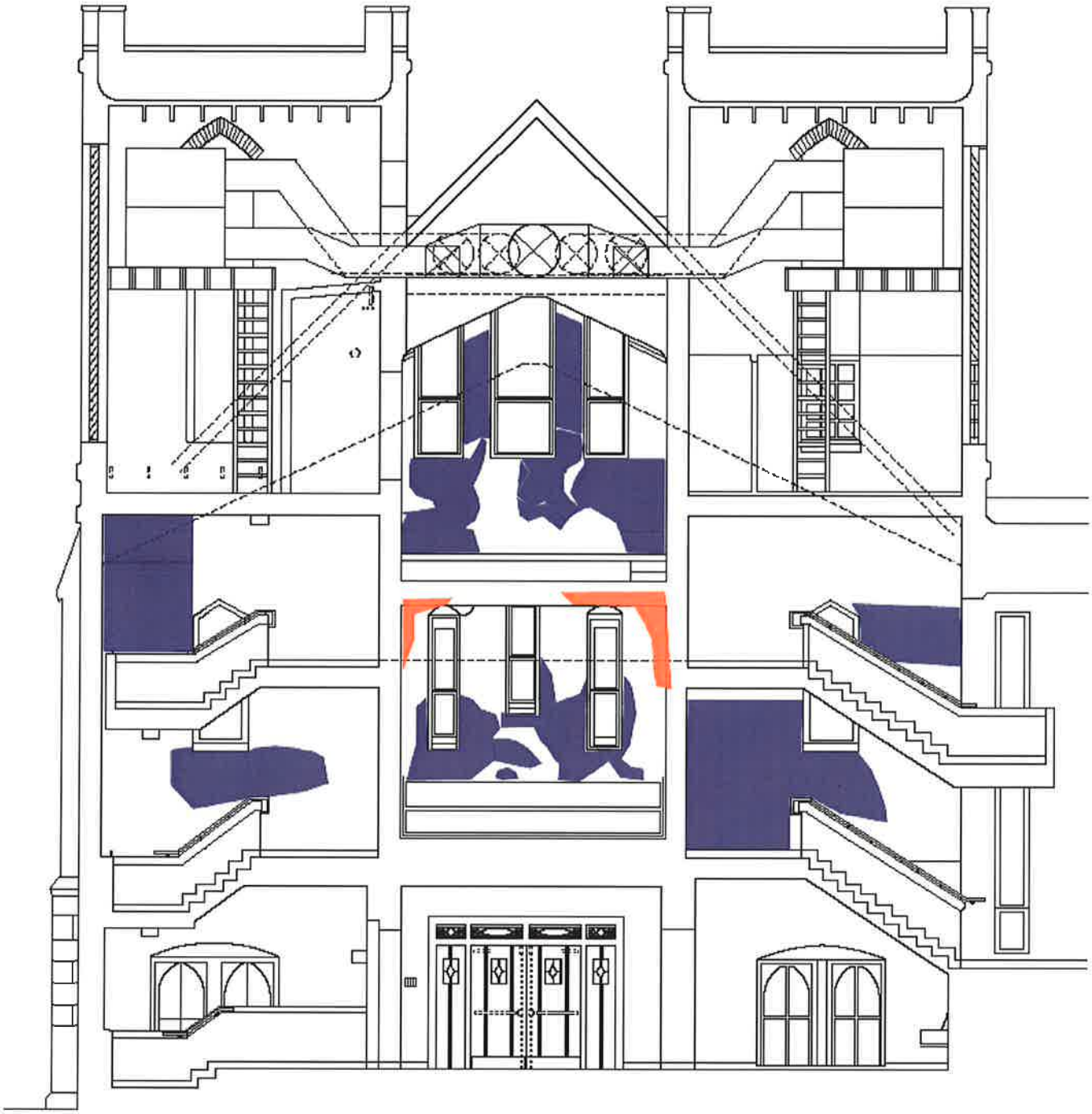


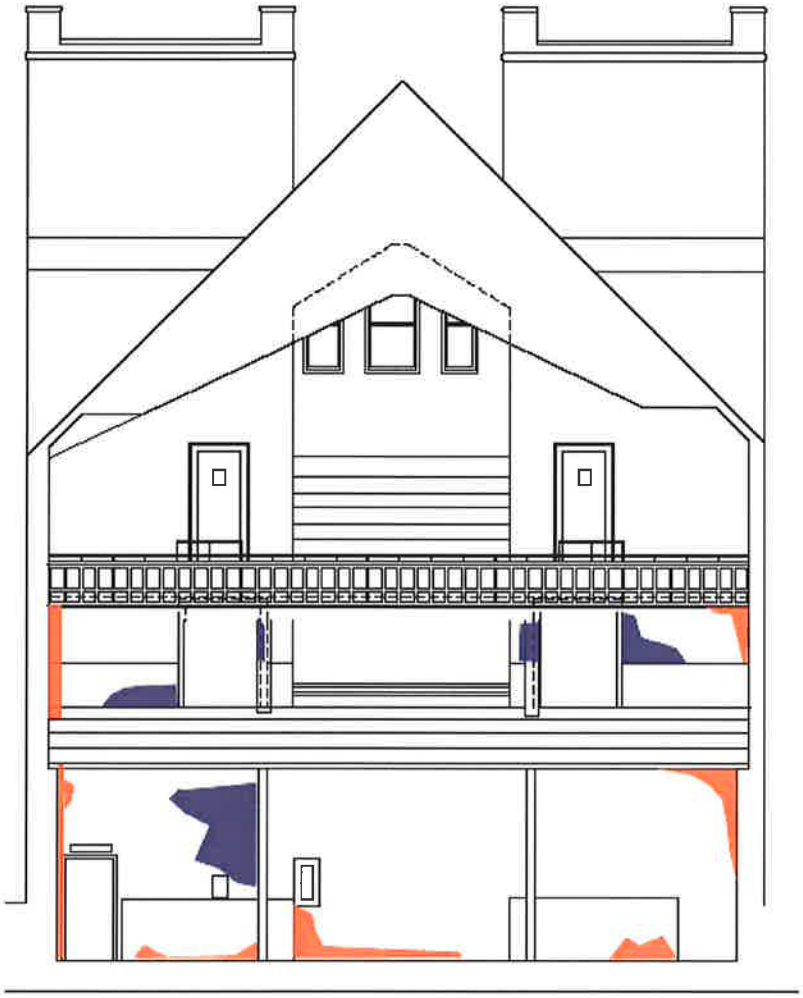
Warm Anomalies

Cold Anomalies

Warm Anomalies

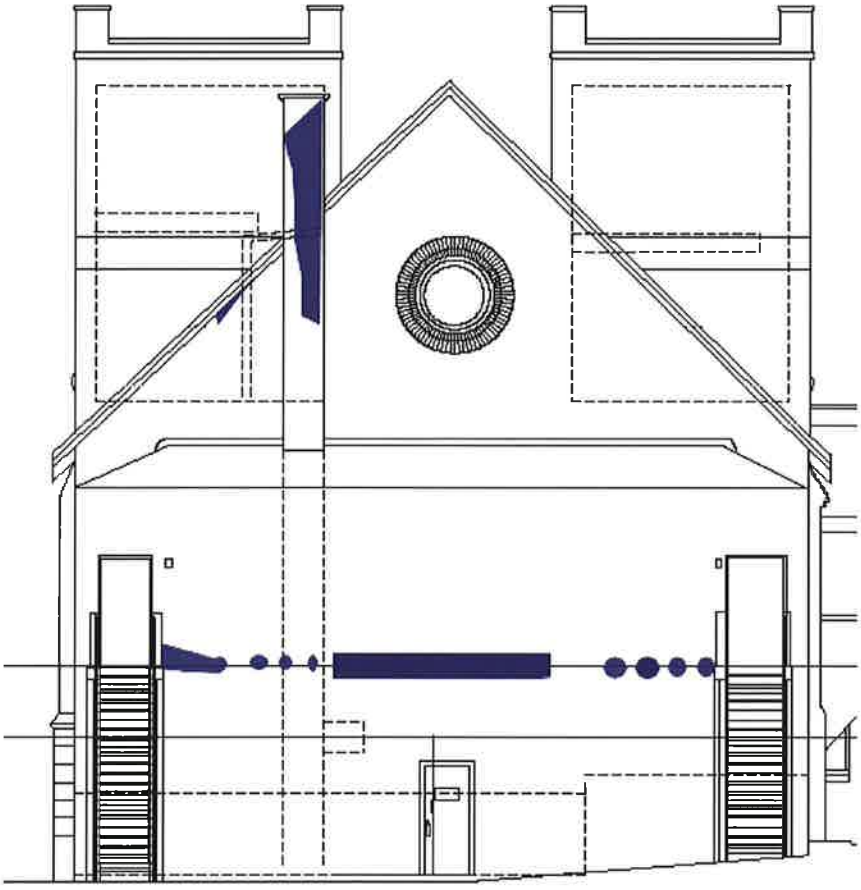
Cold Anomalies





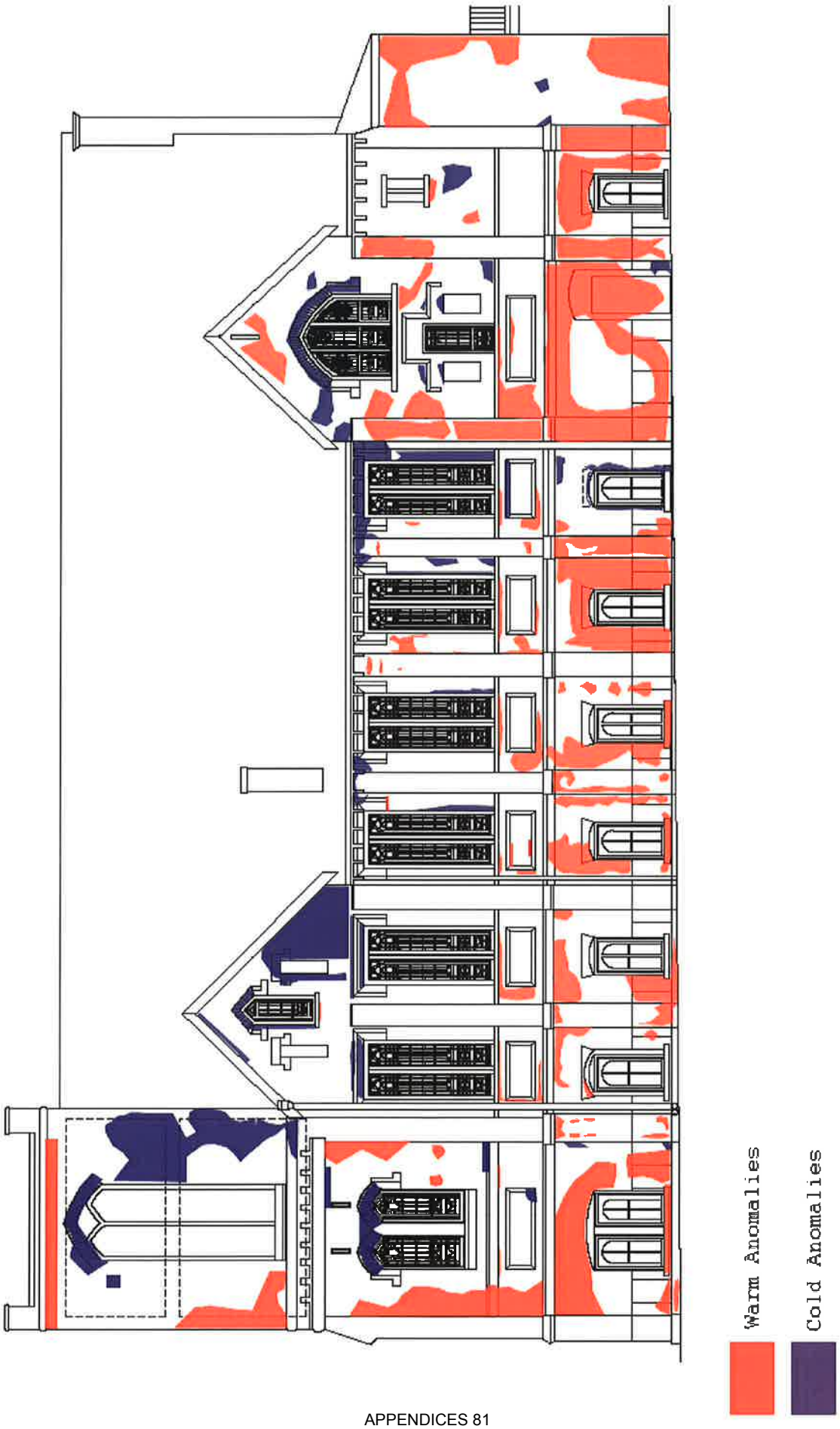
Warm Anomalies

Cold Anomalies

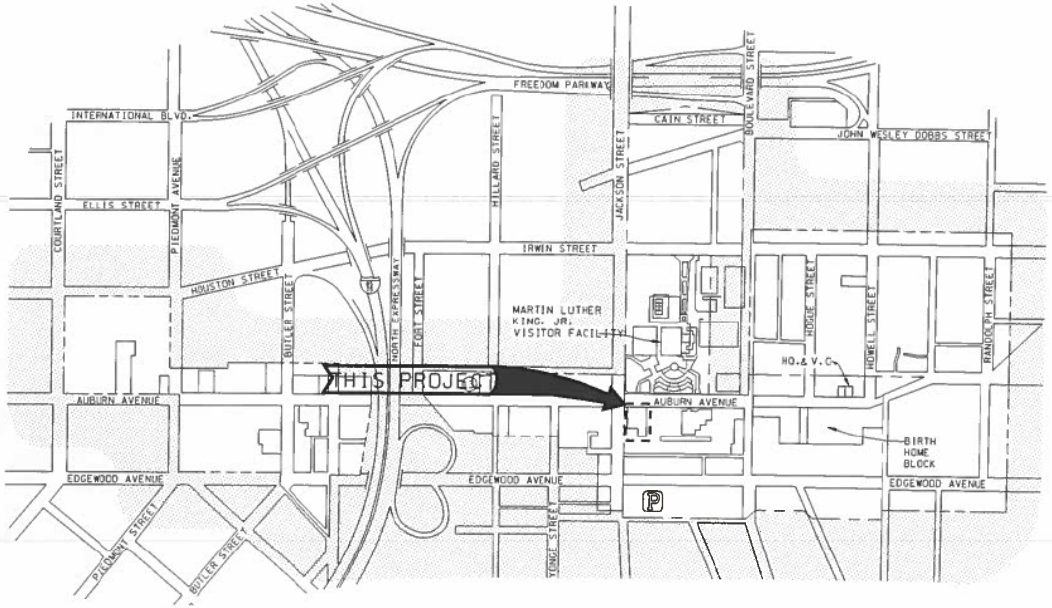


Warm Anomalies

Cold Anomalies


Warm Anomalies
Cold Anomalies


Warm Anomalies
Cold Anomalies

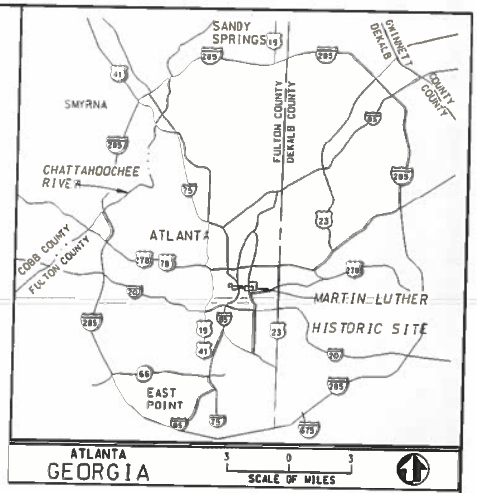


VICINITY MAP

LEGEND
- PARK BOUNDARY
- PRESERVATION DISTRICT BOUNDARY
- COUNTY LINE
- V.C. VISITOR CENTER
- HQ. PARK HEADQUARTERS
- P PARKING

DRAWING INDEX

SHEET	SUB SHEET	TITLE OF SHEET
SEE G001 FOR DRAWING INDEX		



LOCATION MAP

PHASE II - RESTORATION OF EBENEZER BAPTIST CHURCH

MARTIN LUTHER KING JR. NATIONAL HISTORIC SITE

407 AUBURN AVENUE, ATLANTA, GEORGIA

SCALE OF FEET
300 0 300 600 900
75 0 75 150 225
SCALE OF METERS

A/E FIRM		
PRIME/ARCH: LORD, AECK & SARGENT ATLANTA, GA	CIVIL: CECRLY ATLANTA, GA	MECHANICAL: NEWCOMB & BOYD ATLANTA, GA
LANDSCAPE:	STRUCTURAL: PALMER ENGINEERING TUCKER, GA	ELECTRICAL: NEWCOMB & BOYD ATLANTA, GA

Mark	Sheet	REVISION	Date	Initial

RECOMMENDED
Project Manager / Architect — Date
Chief of Architecture Division — Date
APPROVED
Superintendent — Date

90 % DESIGN DEVELOPMENT
2004 FEBRUARY 16

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHEAST REGION
ARCHITECTURE DIVISION

TITLE OF DRAWING
COVER SHEET
LOCATION WITHIN PARK
407 AUBURN AVE. NE
NAME OF PARK
MARTIN LUTHER KING JR. NHS

REGION: SOUTHEAST | COUNTY: FULTON | STATE: GEORGIA

DRAWING NO. 489 80,020
PHOTO NO. —
SHEET 1 of 94

PMS NUMBER: 070824

APPENDICES 84

DRAWING INDEX

SHEET	SUB SHEET	TITLE OF SHEET
1		COVER SHEET
2	G001	GENERAL NOTES AND SYMBOLS
3	G002	GENERAL NOTES AND SYMBOLS
4	G003	GENERAL NOTES AND SYMBOLS
5	C1	SITE PLAN EXISTING AND PROPOSED CONDITIONS
6	C2	SIDEWALK DETAILS
7	D101	1ST LEVEL DEMOLITION PLAN
8	D102	2ND LEVEL DEMOLITION PLAN
9	D103	3RD LEVEL DEMOLITION PLAN
10	D401	1ST LEVEL REFLECTED CEILING DEMOLITION PLAN
11	D402	1ST LEVEL REFLECTED CEILING DEMOLITION PLAN
12	A100	EXISTING INTERIOR GENERAL PHOTOGRAPHS
13	A101	1ST LEVEL PROPOSED PLAN
14	A102	2ND LEVEL PROPOSED PLAN
15	A103	3RD LEVEL PROPOSED PLAN
16	A104	PROP. INTERMEDIATE LEVEL PLANS
17	A105	ROOF PLAN
18	A101a	1ST LEVEL LIFE SAFETY PLAN
19	A102a	2ND LEVEL LIFE SAFETY PLAN
20	A103a	3RD LEVEL LIFE SAFETY PLAN
21	A201	EXISTING EXTERIOR PHOTOGRAPHS
22	A202	NORTH AND SOUTH EXTERIOR ELEVATIONS
23	A203	WEST EXTERIOR ELEVATION
24	A204	EAST EXTERIOR ELEVATION
25	A205	BUILDING CROSS SECTIONS
26	A206	BUILDING CROSS SECTIONS
27	A207	BUILDING LONGITUDINAL SECTION
28	A208	BUILDING LONGITUDINAL SECTION
29	A301	RESTROOM PHOTOGRAPHS
30	A302	1ST LEVEL-PROPOSED ADAPTIVE REUSE WORK PLAN
31	A303	EXISTING KITCHEN PHOTOGRAPHS
32	A304	1ST LEVEL-PROPOSED ADAPTIVE REUSE WORK PLAN
33	A305	REAR ADDITION PHOTOGRAPHS
34	A306	1ST LEVEL-PROPOSED ADAPTIVE REUSE WORK PLAN
35	A307	INTERIOR ELEVATION
36	A308	EXISTING ORGAN & ANTIPHONAL SPACE PHOTOGRAPHS
37	A309	EXISTING AND PROPOSED EAST ORGAN CHAMBER
38	A310	EXISTING AND PROPOSED WEST ORGAN CHAMBER
39	A311	EXISTING AND PROPOSED BLOWER SPACE
40	A312	EXISTING AND PROPOSED ANTIPHONAL SPACE
41	A313	ANTIPHONAL RESTORATION
42	A401	1ST LEVEL PROPOSED REFLECTED CEILING PLAN
43	A402	2ND LEVEL PROPOSED REFLECTED CEILING PLAN
44	A501	FINISH SCHEDULE
45	A502	FINISH SCHEDULE
46	A503	DOOR AND WINDOW SCHEDULES
47	A504	WINDOW PHOTOGRAPHS
48	A505	WINDOW RESTORATION
49	A506	WINDOW RESTORATION
50	A507	WINDOW RESTORATION
51	A508	WINDOW RESTORATION
52	A509	EXISTING FELLOWSHIP HALL SCREEN PHOTOGRAPHS
53	A510	WINDOW SCREENS
54	A511	DOOR PHOTOGRAPHS
55	A512	MAIN ENTRANCE DOOR DETAILS
56	A513	BALCONY, RAIL AND WAINSCOT PHOTOGRAPHS
57	A514	BALUSTRADE & STAIR RAIL DETAILS
58	A515	DETAILS
59	A600	PLASTER DAMAGE PHOTOGRAPHS
60	A601	PLASTER REPAIR STAIR TOWERS
61	A602	PLASTER REPAIR
62	A603	PLASTER REPAIR
63	A604	PLASTER REPAIR - EAST
64	A605	PLASTER REPAIR - WEST
65	A701	EXISTING SANCTUARY FURNITURE PHOTOGRAPHS
66	A702	2ND LEVEL FURNITURE PLAN
67	A703	3RD LEVEL FURNITURE PLAN
68	S1	1ST LEVEL STRUCTURAL FRAMING PLAN
69	S2	2ND LEVEL EXISTING STRUCTURAL FRAMING PLAN
70	S3	2ND LEVEL PROPOSED STRUCTURAL FRAMING PLAN
71	S4	3RD LEVEL EXISTING AND PROPOSED FRAMING PLANS
72	S5	SANCTUARY FLOOR FRAMING SECTIONS
73	S6	2ND LEVEL FRAMING SECTIONS
74	S7	SECTIONS AND DETAILS
75	M101	1ST LEVEL MECHANICAL PLANS
76	M102	2ND LEVEL AND ATTIC - MECHANICAL PLANS
77	E101	1ST LEVEL ELECTRICAL LIGHTING AND POWER PLAN
78	E102	2ND LEVEL ELECTRICAL LIGHTING AND POWER PLAN
79	E103	3RD LEVEL ELECTRICAL LIGHTING AND POWER PLAN
80	E105	ROOF LIGHTNING PROTECTION PLAN
81	E510	ELECTRICAL SCHEDULES
82	P101	1ST LEVEL AND 2ND LEVEL - PLUMBING PLANS
83	P501	PLUMBING RISERS AND SCHEDULES
84	FP101	1ST LEVEL - FIRE PROTECTION PLAN



SECTION DETAIL



ELEVATION DETAIL



DETAL REFERENCE


NORTH ARROW



GRAPHIC SCALES





ELEVATION TAGS

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
LORD, AECK & SARGENT ATLANTA GA	KR, KMG	G001	GENERAL NOTES AND SYMBOLS	489 80,020
CONSULTANT:	DRAWN: KMG		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. — — —
	TECH. REVIEW: KR			SHEET 2 OF 84
	DATE: 2004 FEB 16			

APPENDICES 85

MECHANICAL LEGEND

DUCTWORK AND AIR DISTRIBUTION

20X20 — DUCT (FIRST DIMENSION IS SIDE SHOWN IN INCHES)

TRANSITION

24 X 12 S-700 — SIDEWALL SUPPLY GRILLE OR REGISTER WITH SIZE, TYPE, AND CFM

24 X 12 R-700 — SIDEWALL RETURN OR EXHAUST GRILLE OR REGISTER WITH SIZE, TYPE, AND CFM

EXISTING DUCTWORK OR EQUIPMENT

EXISTING DUCTWORK OR EQUIPMENT TO BE REMOVED

Ø — ROUND DUCTWORK

CONNECT TO EXISTING

N — NEW SPRINKLER HEAD

EXISTING SPRINKLER HEAD

LIGHTNING PROTECTION SYSTEM LEGEND

AIR TERMINAL ON ROOF RIDGE

AIR TERMINAL ON PARAPET

GROUND ROD

ROOF CONDUCTOR

DOWN CONDUCTOR

BOND

PLUMBING ABBREVIATIONS

APD	AIR PRESSURE DROP
ARCH	ARCHITECT/ARCHITECTURAL
BOD	BOTTOM OF DUCT
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
COL	COLUMN
DB	DRY BULB
EAT	ENTERING AIR TEMPERATURE
ELEC	ELECTRICAL/ELECTRIC
RA	RETURN AIR
WG	WATER GAUGE
WPD	WATER PRESSURE DROP

ELECTRICAL ABBREVIATIONS

A, AMP	AMPERES
ABV	ABOVE
AFF/AFG	ABOVE FINISHED FLOOR/GRADE
AHU-*	AIR HANDLING UNIT, * INDICATES UNIT NUMBER
AIR.	AMPERE INTERRUPTING RATING
AWG	AMERICAN WIRE GAUGE
A-1,3,5	HOMERUN TO PANELBOARD "A" TO CIRCUIT BREAKER NUMBERS 1, 3, AND 5
BLDG	BUILDING
C	CONDUIT
CB.	CIRCUIT BREAKER
CKT	CIRCUIT
EMT	ELECTRICAL METALLIC TUBING
EF-*	EXHAUST FAN, * INDICATES UNIT NUMBER
F	FUSED
FACP	FIRE ALARM CONTROL PANEL
G, GND	GROUND
GFCI	GROUND-FAULT CIRCUIT INTERRUPTER
HID	HIGH INTENSITY DISCHARGE
HP	HORSEPOWER
J-BOX	JUNCTION BOX
KVA	KILOVOLT AMPERES
LTG	LIGHTING
NF	NONFUSIBLE
NPS	NATIONAL PARK SERVICE
REC.	RECEPTACLE
RGS	RIGID GALVANIZED STEEL CONDUIT
RM	ROOM
UON	UNLESS OTHERWISE NOTED
VA	VOLTAMPERES
WP	WEATHERPROOF

SIGNIFICANCE OF THE EBENEZER BAPTIST CHURCH

A SIGNIFICANT COMPONENT OF THIS WORK IS THE PRESERVATION OF AN EXISTING STRUCTURE, THE EBENEZER BAPTIST CHURCH IN THE MARTIN LUTHER KING NATIONAL HISTORIC DISTRICT. THE FELLOWSHIP HALL WAS COMPLETED IN 1914 AND THE SANCTUARTY SEVERAL YEARS LATER IN 1921. THE BUILDING IS SIGNIFICANT BOTH FOR ITS PLACE IN THE CIVIL RIGHTS MOVEMENT AND FOR ITS DEMONSTRATION OF AFRICAN-AMERICAN CHURCH ARCHITECTURE IN THE EARLY PART OF THE LAST CENTURY. IN RECOGNITION OF ITS SIGNIFICANCE, IN 1974 IT WAS LISTED AS THE MARTIN LUTHER KING JR., HISTORIC DISTRICT IN THE NATIONAL REGISTER OF HISTORIC PLACES. THE WORK DESCRIBED IN THE CONTRACT DOCUMENTS IS INTENDED TO PRESERVE THE HISTORY OF THE EBENEZER BAPTIST CHURCH TO THE LARGEST POSSIBLE EXTENT, BEFITTING A STRUCTURE OF THIS IMPORTANCE. ALL WORK SHALL BE IN ACCORDANCE WITH THE GUIDELINES SET FOR RESTORATION BY THE SECRETARY OF INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES, 1995. A COPY OF THIS DOCUMENT MAY BE OBTAINED BY THE CONTRACTING OFFICER.

INTERNATIONAL BUILDING CODE (IBC), 2000 EDITION WITH 2002 GEORGIA AMENDMENTS.

1997 EDITION - LIFE SAFETY CODE
1997 UNIFORM CODE FOR BUILDING CONSERVATION.

2003 INTERNATIONAL BUILDING CODE FOR EXISTING STRUCTURES REFERENCED FOR HISTORIC STRUCTURES.

OCCUPANCY GROUP-EXISTING ASSEMBLY OCCUPANCY

BUILDINGS USED FOR GATHERINGS OF 50 PERSONS OR MORE FOR SUCH PURPOSE AS DELIBERATION, WORSHIP, ENTERTAINING, DINING, ETC.

CHURCH BUILDING - 11,966 sf

UTILITY BUILDING - 265 sf

STRUCTURAL ABBREVIATIONS

Ø	DIAMETER
ACI	AMERICAN CONCRETE INSTITUTE
APA	AMERICAN PLYWOOD INSTITUTE
ARCH'L	ARCHITECTURAL
ARCH	ARCHITECTURAL
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
CONT.	CONTINUOUS
KSI	KIPS PER SQUARE INCH
LLV	LAMINATED VENEER LUMBER
MAX.	MAXIMUM
MIN.	MINIMUM
o/c	ON CENTER
PCF	POUNDS PER CUBIC FOOT
PT	PRESSURE TREATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
SYP	SOUTHERN YELLOW PINE
TYP.	TYPICAL
w/	WITH
WWF	WELDED WIRE FABRIC

ELECTRICAL LEGEND

EXISTING	NEW	
S	S	WALL SWITCH, SINGLE-POLE, SINGLE-THROW. MOUNT 48" AFF, UNLESS OTHERWISE NOTED.
	D_{1500}	WALL BOX DIMMER, INCANDESCENT, LOAD RATING AS INDICATED, 600W UNLESS OTHERWISE NOTED. MOUNT 48" AFF, UNLESS OTHERWISE NOTED.
	A	FLUORESCENT LUMINAIRE. LETTER INDICATES TYPE. SEE SCHEDULE.
	A	WALL-MOUNTED LUMINAIRE. LETTER INDICATES TYPE. SEE SCHEDULE.
	A	EXIT LIGHT, CEILING-MOUNTED. DARKENED SECTIONS INDICATE FACES; ARROWS AS INDICATED. LETTER INDICATES TYPE. SEE SCHEDULE.
	A	EXIT LIGHT, WALL-MOUNTED. DARKENED SECTIONS INDICATE FACES; ARROWS AS INDICATED. LETTER INDICATES TYPE. SEE SCHEDULE.
	A	BATTERY POWERED EMERGENCY LIGHT, WALL-MOUNTED. LETTER INDICATES TYPE. SEE SCHEDULE.
	A	LUMINAIRE. LETTER INDICATES TYPE. SEE SCHEDULE.
	A	LUMINAIRE WITH PROVISIONS FOR EMERGENCY LIGHTING. LETTER INDICATES TYPE. SEE SCHEDULE.
		DUPLEX RECEPTACLE OUTLET, WALL-MOUNTED. MOUNT 18" AFF, UNLESS OTHERWISE NOTED.
(2)	(2)	MOTOR, NUMERAL INDICATES HP. "F" INDICATES FRACTIONAL HORSEPOWER.
30/3/20/3R	30/3/20/3R	DISCONNECT SWITCH, SIZE/POLES/FUSE/ENCLOSURE TYPE IF OTHER THAN NEMA 1.
		PANELBOARD, SURFACE-MOUNTED.
		PANELBOARD, FLUSH-MOUNTED.
		MISCELLANEOUS ELECTRICAL EQUIPMENT CABINET. TYPE AS NOTED.
	PC	PHOTO CELL

ELECTRICAL CIRCUITING LEGEND

48" AFF — INDICATES MOUNTING HEIGHT AFF.
P8S-1 — INDICATES CIRCUIT NUMBER.

EI — INDICATES LUMINAIRE TYPE
a — INDICATES SWITCHING.
P8S-1 — INDICATES CIRCUIT NUMBER

PLUMBING LEGEND

SOIL (S) OR WASTE (W) ABOVE FLOOR OR GRADE.

SOIL (S) OR WASTE (W) BELOW FLOOR OR GRADE.

COLD WATER (CW).

HOT WATER (HW).

EXISTING PIPING TO REMAIN.

EXISTING PIPING TO BE REMOVED.

EXISTING FIXTURE TO BE REMOVED.

MATERIAL KEYNOTE SYSTEM

A KEYNOTING SYSTEM IS USED ON THE ARCHITECTURAL DRAWINGS FOR MATERIAL REFERENCES AND NOTES. REFER TO THE KEYNOTE LEGEND ON THE DRAWING FOR THE INFORMATION WHICH RELATES TO EACH KEYNOTE SYMBOL ON THE RESPECTIVE DRAWING. EACH KEYNOTE SYMBOL CONSISTS OF A 5-DIGIT NUMBER FOLLOWED BY AN ALPHA-NUMERIC SUFFIX. THE 5-DIGIT NUMBER RELATES TO THE SPECIFICATION SECTION WHICH GENERALLY COVERS THE ITEM THAT IS REFERENCED, AND THE SUFFIX COMBINED WITH THE 5-DIGIT NUMBER CREATES A KEYNOTE SYMBOL WHICH IDENTIFIES THE SPECIFIC REFERENCE NOTATION USED ON THE DRAWING. THE KEYNOTING SYSTEM REFERENCE NUMBER RELATED TO THE SPECIFICATIONS SECTIONS NUMBERING SYSTEM SHALL NOT CONTROL THE CONTRACTOR IN DIVIDING THE WORK

THE ORGANIZATION OF THE KEYNOTING SYSTEM ON THE DRAWINGS, WITH THE AMONG SUBCONTRACTORS OR IN ESTABLISHING THE EXTENT OF WORK TO BE PERFORMED BY ANY TRADE.

THE KEYNOTE LIST IS NOT A COMPLETE LIST OF THE CONTRACT SPECIFICATIONS NORS IT A COMPLETE LIST OF ALL MATERIALS CALLED FOR.

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA	DESIGNED: KR, KMG	SUB SHEET NO. G002	TITLE OF SHEET: GENERAL NOTES AND SYMBOLS	DRAWING NO. 489 80,020
	DRAWN: KMG		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PROJ. NO. — — —
	TECH. REVIEW: KR			SHEET 3 OF 84
	DATE: 2004 FEB 16			

STRUCTURAL GENERAL NOTES:

1 GENERAL:

A ALL CONSTRUCTION SHALL CONFORM TO THE 2000 INTERNATIONAL BUILDING CODE AND THE 1997 UNIFORM BUILDING CODE FOR BUILDING CONSERVATION AND RELATED ICBO CODES. REFERENCE TO OTHER STANDARD SPECIFICATIONS OR CODES SHALL MEAN THE LATEST STANDARD OR CODE ADOPTED AND PUBLISHED.

B THESE NOTES SHALL APPLY EXCEPT WHERE INDICATED OTHERWISE BY DRAWINGS OR SPECIFICATIONS. A DETAIL SHOWN FOR ONE CONDITION SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS EVEN THOUGH NOT SPECIFICALLY INDICATED ON THE DRAWINGS.

C THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, RESHORING, TEMPORARY SUPPORTS, AND ALL OTHER MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.

D MANUFACTURED ITEMS INCLUDING BUT NOT LIMITED TO ITEMS MANUFACTURED BY SIMPSON STRONG-TIE, HILTI FASTENING SYSTEMS, AND UNISTRUT METAL FRAMING SYSTEMS SHALL BE PROVIDED AND INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURERS' SPECIFICATIONS AND INSTALLED IN CONFORMANCE WITH ALL MANUFACTURERS.

2 DEMOLITION AND STRUCTURAL STABILIZATION:

A THE NATURE OF STRUCTURAL DEMOLITION AND STABILIZATION IS INHERENTLY UNCERTAIN. THE EXACT CONDITION AND CAPACITY OF EACH STRUCTURAL ELEMENT CANNOT BE VERIFIED PRIOR TO COMMENCEMENT OF WORK. AS A RESULT, IT IS IMPERATIVE THAT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS, AS WELL AS ANY ELEMENTS OF QUESTIONABLE STRUCTURAL INTEGRITY BE REPORTED IMMEDIATELY TO THE CONTRACTING OFFICER FOR REVIEW.

B NO ATTEMPT HAS BEEN MADE TO DEFINE EACH SPECIFIC STRUCTURAL ELEMENT WHICH MUST BE REMOVED, REINFORCED, OR REPLACED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE CONDITION OF INDIVIDUAL ELEMENTS, PARTICULARLY FLOOR JOISTS, CEILING JOISTS, BEAMS, AND STRUCTURAL DECK BOARDS, AND DETERMINE WHICH PIECES CAN BE SALVAGED, WHICH MUST BE REPLACED, AND WHICH ARE QUESTIONABLE. THE CONTRACTOR SHOULD CONSULT WITH THE CONTRACTING OFFICER TO DETERMINE THE APPROPRIATE PROCEDURE FOR HANDLING ELEMENTS IN QUESTIONABLE CONDITION.

C THE LIVE LOAD CAPACITY OF THE EXISTING BALCONY FRAMING VARIES ACROSS THE BALCONY FOOTPRINT AND CANNOT BE PRECISELY DETERMINED. THE CONTRACTOR SHOULD KEEP LOADS ON EACH AREA OF THE BALCONY TO A MINIMUM, ESPECIALLY WHEN STORING AND STOCKPILING MATERIALS, UNTIL ALL BALCONY REINFORCING IS COMPLETE IN EACH AREA. WHEREVER POSSIBLE, MATERIALS SHOULD BE STORED AND STOCKPILED ON THE GROUND.

D CERTAIN CRITICAL CONDITIONS OF EXISTING STRUCTURE ALONG WITH NECESSARY REPAIRS AND REINFORCEMENT CANNOT BE IDENTIFIED UNTIL THE CONSTRUCTION PHASE BEGINS AND EXISTING FINISHES CAN BE PARTIALLY OR WHOLLY REMOVED FOR EXAMINATION OF THE EXISTING STRUCTURE. THESE AREAS INCLUDE, BUT ARE NOT LIMITED TO, BEARING CONDITIONS OF THE UPPER AND LOWER BALCONY BEAMS AT MASONRY WALLS, AND TERMITE DAMAGE TO FLOOR JOISTS AND GIRDERS, CEILING JOISTS, AND WOOD STUD CRIPPLE WALLS UNDER THE SANCTUARY AND THE REMAINDER OF THE MAIN LEVEL.

E ALL DEMOLITION, DISMANTLING, OR REMOVAL OF EXISTING MATERIALS AND COMPONENTS, WHETHER TO BE SALVAGED, DISCARDED, OR REPLACED MUST BE UNDERTAKEN WITH ALL POSSIBLE CARE, AND IN STRICT COMPLIANCE WITH ARCHITECTURAL DEMOLITION SPECIFICATIONS SO AS TO MINIMIZE DAMAGE TO EXISTING HISTORIC FABRIC OF THE BUILDING AND ITS COMPONENTS.

3 EXISTING CONDITIONS

A RENOVATION OF EXISTING STRUCTURE REQUIRES THOROUGH COORDINATION OF CONTRACT DRAWINGS WITH EXISTING CONDITIONS. THE CONTRACTOR MUST VERIFY ALL RELEVANT EXISTING CONDITIONS, DIMENSIONS, AND DETAILS PRIOR TO BEGINNING CONSTRUCTION. ANY DEVIATIONS FROM THOSE CONDITIONS OR DIMENSIONS SHOWN ON THE DRAWINGS MUST BE REPORTED TO THE CONTRACTING OFFICER FOR REVIEW OF THE DESIGN AND POSSIBLE REVISION OF THE CONTRACT DRAWINGS.

B VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS BEFORE STARTING WORK. NOTIFY CONTRACTING OFFICER IN WRITING OF ANY DISCREPANCY.

4 STRUCTURAL LUMBER:

A ALL FASTENING NOT INDICATED ON PLANS AND DETAILS SHALL BE IN ACCORDANCE WITH TABLE 23-II-B-7 OF THE 1997 UNIFORM BUILDING CODE FOR BUILDING CONSERVATION.

5 FOUNDATION:

A FOUNDATION DESIGN IS BASED ON A PRESUMPTIVE NET ALLOWABLE SOIL BEARING CAPACITY OF 2500 PSF. BEARING CAPACITY SHALL BE VERIFIED AT THE TIME OF EXCAVATION AND IF THE CONDITION OF THE SOIL INDICATES A SAFE BEARING CAPACITY OF LESS THAN 2500 PSF THE CONTRACTING OFFICER SHALL BE NOTIFIED AND THE FOOTINGS REVISED, IF NECESSARY. WALL FOOTINGS SHALL BE POURED MONOLITHICALLY WITH ADJACENT FOOTINGS AT THE SAME ELEVATION. ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTURBED SOIL WHERE POSSIBLE. COORDINATE TOP OF FOOTING ELEVATIONS WITH PLUMBING REQUIREMENTS. ALL FILL WITHIN 10'-0" OF THE BUILDING LIMIT SHALL BE COMPACTED TO 95% STANDARD PROCTOR. MAXIMUM UNCOMPACTED LIFT IS 8 INCHES.

6 DESIGN LOADS:

LIVE LOADS:

BALCONY LIVE LOAD	60 PSF
SANCTUARY FLOOR LIVE LOAD	60 PSF

SNOW LOAD:

PG = 5.0 PSF		GROUND SNOW LOAD
PF = 5.0 PSF		FLAT ROOF AREA SNOW LOAD
PS = 5.0 PSF		SLOPED ROOF AREA SNOW LOAD
DRIFT LOAD		NOT CONSIDERED (PER SECTION 7.7.1 OF ASCE 7)

WIND LOAD:

75 MPH DISTRIBUTED IN ACCORDANCE WITH SECTIONS 1621 AND 1622 OF THE 1997 UNIFORM BUILDING CODE.
WIND STAGNATION PRESSURE = 15.3 PSF
MAIN WIND FORCE RESISTING SYSTEM PRESSURE COEFFICIENTS CQ AND RESULTING WIND LOADS

WALLS (COMBINED WINDWARD AND LEEWARD)	+1.3 (26.4 PSF)
ROOF (WINDWARD/LEEWARD)	-0.9 (18.3 PSF) / -0.7 (14.2 PSF)

SEISMIC DESIGN CRITERIA: (PER 1997 UBC SECTION 1630.2)
SEISMIC ZONE 2A
SEISMIC ZONE FACTOR Z = 0.15
SEISMIC COEFFICIENT CU = 0.32
SOIL PROFILE TYPE SD
BASIC STRUCTURAL SYSTEM / SEISMIC RESISTING SYSTEM:
BEARING WALL / UNREINFORCED MASONRY SHEAR WALL
ANALYSIS PROCEDURE: EQUIVALENT STATIC PROCEDURE
NOTE: NO MODIFICATIONS ARE BEING MADE TO THE EXISTING LATERAL RESISTING SYSTEM.

7 MASONRY:

A CONCRETE MASONRY DESIGN AND CONSTRUCTION SHALL CONFORM TO BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES ACI530-99 / ASCE 5-99 / TMS 402-99 AND SPECIFICATIONS FOR CONCRETE MASONRY CONSTRUCTION ACI530.1-99 / ASCE 6-99 / TMS 602-99.

B LOAD BEARING MASONRY WALLS ARE DESIGNED IN ACCORDANCE WITH CHAPTERS 1 AND 2 OF ACI530.

C BRICK VENEER IS DESIGNED IN ACCORDANCE WITH CHAPTER 6 OF ACI530.

D CONCRETE MASONRY UNITS SHALL BE LIGHT-WEIGHT HOLLOW LOAD BEARING UNITS ASTM C90 GRADE N, TYPE II, F'M OF 1500 PSI AND A NET STRENGTH OF 2000 PSI ON NET CROSS-SECTIONAL AREA OF CMU DETERMINED IN ACCORDANCE WITH ASTM C140.

E MORTAR SHALL COMPLY WITH ASTM C270, TYPE M OR S. STANDARD MORTAR BED JOINT THICKNESS SHALL BE 3/8" AND IN NO CASE SHALL EXCEED 5/8" THICKNESS.

F PROVIDE GROUT FOR REINFORCED MASONRY IN ACCORDANCE WITH ASTM C476 WITH MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI UNLESS NOTED OTHERWISE. PEA GRAVEL CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI MAY BE USED IN LIEU OF GROUT ONLY WITH APPROVAL BY THE CONTRACTING OFFICER.

G LAY MASONRY UNITS IN RUNNING BOND UNLESS NOTED OTHERWISE.

H PROVIDE LADDER TYPE HORIZONTAL JOINT REINFORCEMENT COMPLYING WITH ASTM A82, NUMBER 9 GAGE OR HEAVIER, ZINC COATED, PLACED 16 INCHES ON CENTER UNLESS NOTED OTHERWISE. USE PREFABRICATED L'S AND T'S AT CORNERS AND INTERSECTIONS. LAP REINFORCEMENT 12 INCHES MINIMUM.

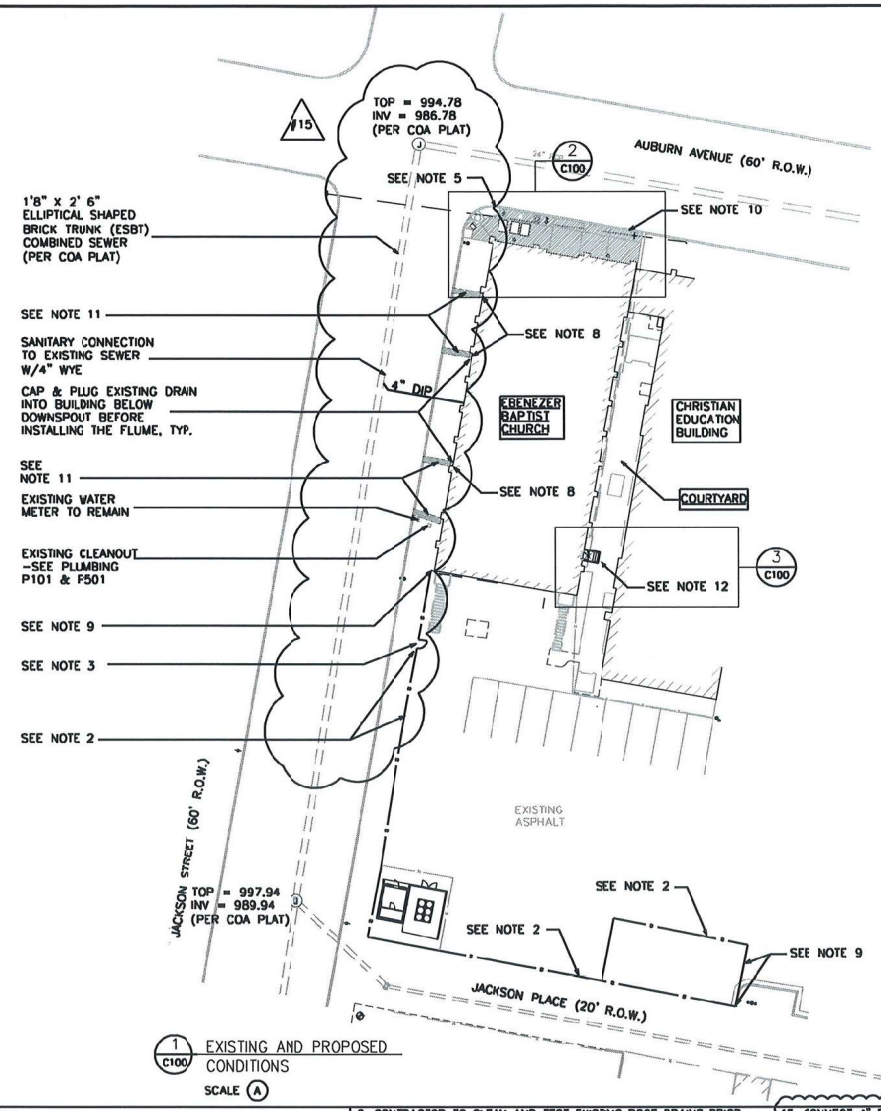
I WHERE WALLS ARE TO BE GROUTED MAXIMUM HEIGHT OF LIFT SHALL BE 5'-0". FOR CMU WALLS 8" OR WIDER THE MAXIMUM HEIGHT OF POUR SHALL BE 12'-0". FOR NARROWER WALLS THE MAXIMUM HEIGHT OF POUR SHALL BE GOVERNED BY TABLE 7 OF ACI530.1. CONSOLIDATE GROUT IN ACCORDANCE WITH PARAGRAPH 3.5.E OF ACI530.1. WALLS GREATER THAN 5'-0" IN HEIGHT MUST HAVE INSPECTION HOLES AT THE BASE OF THE WALL.

J LAP VERTICAL MASONRY WALL REINFORCING 48 BAR DIAMETERS (24" FOR #4 BARS, 30" FOR #5 BARS).

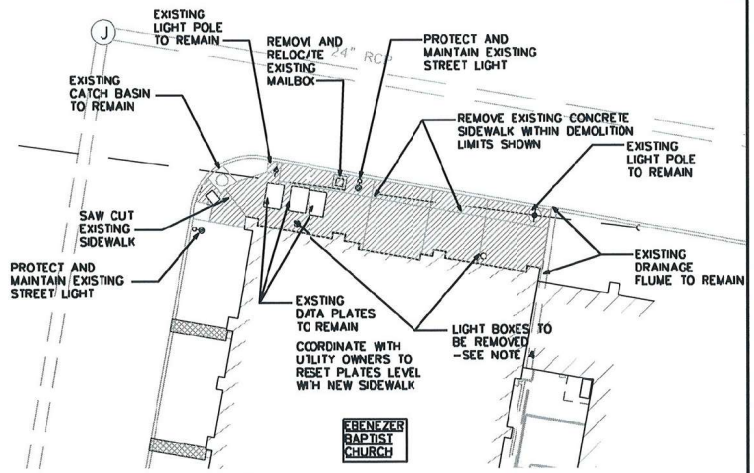
K TIE SPACING FOR BRICK VENEER SHALL NOT EXCEED 16" VERTICALLY NOR 24" HORIZONTALLY.

APPENDICES 86

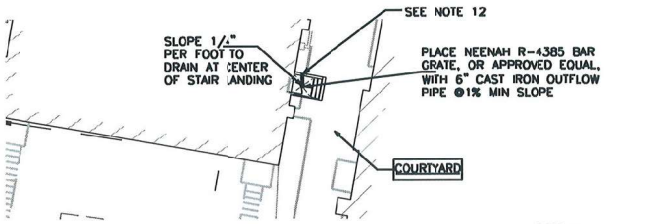
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA	DESIGNED: KR, KMG	SUB SHEET NO. G003	TITLE OF SHEET: GENERAL NOTES AND SYMBOLS	DRAWING NO. 489 80,020	
CONSULTANT:	DRAWN: KMG		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. —	SHEET 4 OF 84
	TECH. REVIEW: KR				
	DATE: 2004 FEB 16				



1 C100 EXISTING AND PROPOSED CONDITIONS
SCALE (A)



2 C100 BLOW-UP OF SIDEWALK EXISTING AND DEMOLITION PLAN
SCALE (B)



3 C100 EXTERIOR STAIR AT CURTYARD
SCALE (B)

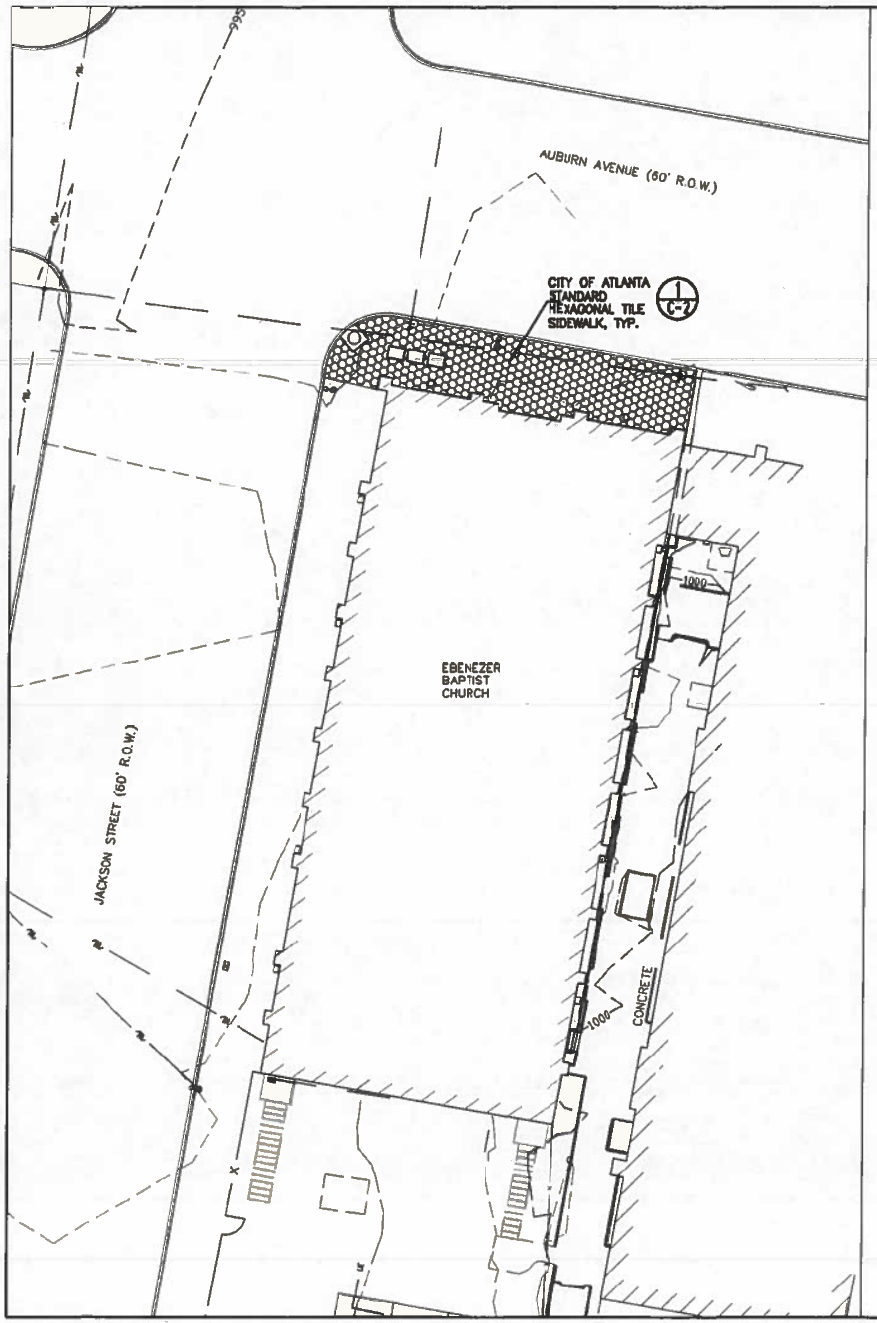
GEORGIA REGISTERED No. 25453 PROFESSIONAL ENGINEER KEVIN S. EDWARDS
7.25.07

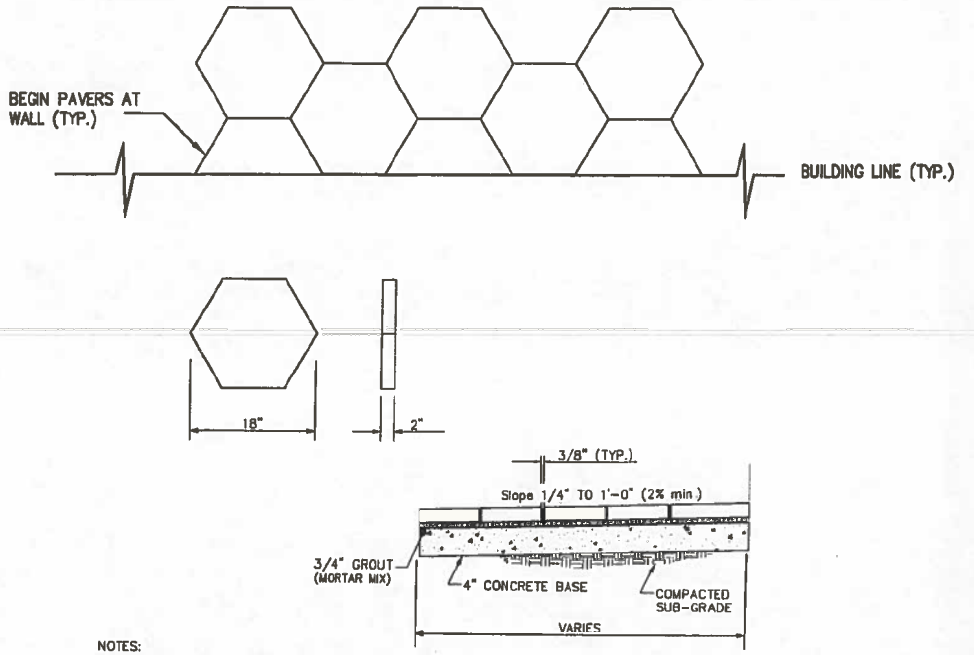
SCALE (A) 20 0 20 40 SCALE OF FEET
SCALE (B) 10 0 10 20 SCALE OF FEET

SHEET SPECIFIC NOTES

1. DEMOLITION INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING: REMOVAL OF CONCRETE PAVING, SIDEWALKS AS INDICATED WITHIN THE DEMOLITION LIMITS.
2. REMOVE AND REPLACE FENCE AND GATE ON JACKSON STREET AND JACKSON PLACE. MATCH EXISTING 8'-0" CHAIN LINK FENCE AND GATES.
3. PEDESTRIAN GATE WITH LOCK FOR LIMITED ACCESS CAPABILITY.
4. LIGHT BOXES TO BE REMOVED AND RETURNED TO CONTRACTING OFFICER – SEE ELECTRICAL PLAN E101.
5. EXISTING CURB TO REMAIN.
6. NO UTILITY RELOCATION ANTICIPATED IN THIS PROJECT SCOPE.
7. PROTECT AND MAINTAIN ALL AREAS FEATURES, ITEMS AND MATERIALS OUTSIDE OF THE PROJECT LIMITS (REMAINING SIDEWALK, REMAINING FENCE, HISTORIC WALLS, EXISTING STEPS, ETC)
8. CONTRACTOR TO CLEAN AND TEST EXISTING ROOF DRAINS PRIOR TO TYING IN NEW DOWNSPOUTS FROM BUILDING.
9. LIMIT OF FENCE REPLACEMENT.
10. LIMIT OF SIDEWALK REPLACEMENT.
11. SAW CUT AND REMOVE EXIST CONCRETE AND CURB (2' WIDE SECTION)
12. INSTALL EXTERIOR STAIR DRAIN TO LOWER FLUME. SEE CIVIL C1 AND C2 OF PLANTER DRAINAGE PACKAGE. REFER TO A524 FOR ADDITIONAL STAIR DETAILS.
13. SEE A001 FOR ADDITIONAL SITE INFORMATION.
14. REFER TO PLANTER DRAINAGE SPEC 03300 FOR EXPANSION JOINT MATERIALS.
15. CONNECT 4" DIP SANITARY LINE TO EXISTING COA SANITARY SEWER LOCATED IN JACKSON STREET. LOCATION OF EXISTING SEWER IS ASSUMED BASED ON ESTABLISHED PLAT AND IS NOT FIELD LOATED OR SURVEYED. EBERLY & ASSOCIATES MAKES NO CLAIM TO THE ACCURACY OF THE LOCATION SHOWN ON THIS PLAN AND ALL FEATURES DEPICTED HEREIN SHALL BE FIELD VERIFIED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF VARIANCE ARE FOUND BETWEEN THE INFORMATION DEPICTED HEREIN AND CONDITIONS IN THE FIELD REGARDING LOCATION AND/OR INVERT ELEVATIONS, THE GENERAL CONTRACTOR SHALL BE REQUIRED TO PERFORM A FULL UTILITY LOCATION SURVEY CHANGE DATE 7/25/07

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
EBERLY & ASSOCIATES
DESIGNED: KE
DRAWN: TO
TECH. REVIEW: GD
DATE: 2005 FEB 09
SUBSHEET NO.: C100
NAME OF SHEET: SITE PLAN EXISTING AND PROPOSED CONDITIONS
EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE
DRAWING NO. 489 80,032
PKG. NO.
SHEET 5 OF 99





NOTES:

1. HEXAGONAL TILE SHALL BE GROUTED IN PLACE.
2. CONCRETE BASE SHALL BE 3,000 P.S.I. MIN.
3. EXPANSION MATERIAL SHALL BE PLACED BETWEEN ALL FIXED OBJECTS (EXCEPT CURB) AND THE NEW CONCRETE SIDEWALK.

SCALE: AS DIMENSIONED	CITY OF ATLANTA
DATE: JANUARY 1, 1999	DEPARTMENT OF PUBLIC WORKS
DESIGNED: C.C.	TECHNICAL SERVICES DIVISION
CHECKED: I.M.	HEXAGONAL TILE
DRAWN: T.J.	SIDEWALK
REVISIONS:	

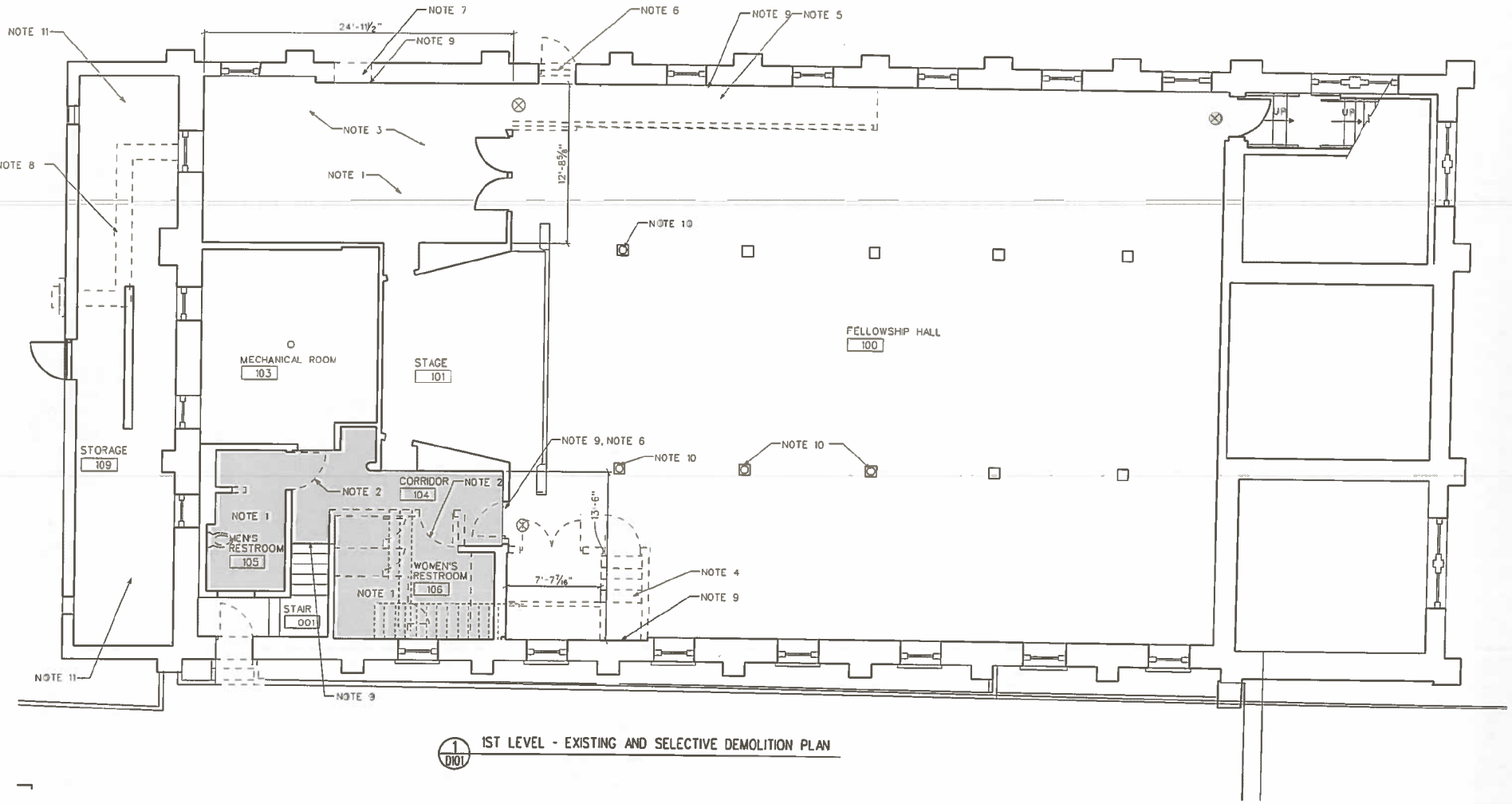
1/C-2 CITY STANDARD HEXAGONAL TILE SIDEWALK REFERENCE DRAWING

SCALE (B) NOT TO SCALE

SCALE (A) 20 0 10 20

SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA	DESIGNED: KE	SUB SHEET NO. C2	TITLE OF SHEET: SIDEWALK DETAILS	DRAWING NO. 489 80,020	
CONSULTANT: ERSKINE & ASSOCIATES	DRAWN: TO		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PAGE NO. — — —	SHEET 6 of 24
	TECH. REVIEW: GD				
	DATE: 2004 FEB 16				



1 D101 1ST LEVEL - EXISTING AND SELECTIVE DEMOLITION PLAN

SCALE OF FEET: 4 0 4 8

MATERIAL KEYNOTES

GENERAL NOTES

A. ALL DEMOLITION SHALL FOLLOW SPECIFICATION SECTION 02050 - MINOR DEMOLITION FOR RESTORATION.

B. ALL SOUND REMOVED MATERIAL INCLUDING LIGHT FIXTURES, COLUMNS, DOORS, PLUMBING FIXTURES, MASONRY UNITS AND WOOD TO BE RETURNED TO THE CONTRACTING OFFICER.

C. COORDINATE RELOCATION OF FIRE PROTECTION WITH FPI.

SHEET SPECIFIC NOTES

1. SHADED AREAS DESIGNATE FLOORING TO BE REMOVED.
2. DISMANTLE RESTROOM WALL AND DOOR. RETURN DOOR TO OWNER.
3. REMOVE EXISTING GYPSUM BOARD WALLS AND ACOUSTIC CEILING TILE. EXPOSE MASONRY WALLS.
4. REMOVE ONLY DASHED PORTION OF WALL AND STAIR. SAVE DOORS AND RETURN TO OWNER.
5. DEMOLISH EXISTING WOODEN HANDICAP RAMP.
6. REMOVE EXISTING DOOR AND RETURN TO OWNER.
7. REMOVE EXISTING WALL TO EXPOSE FORMER OPENING ONLY.
8. DEMOLISH EXISTING KITCHEN EXHAUST AND DUCTWORK.
9. PROTECT SURROUNDING HISTORIC MATERIALS.
10. SEE S1 FOR REMOVAL AND TEMPORARY OF EXISTING STEEL COLUMNS.
11. REMOVE EXISTING BALCONY SEATING CURRENTLY IN STORAGE IN THIS AREA PRIOR TO ANY DEMOLITION.

LEGEND

- - - MATERIAL TO BE REMOVED

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA

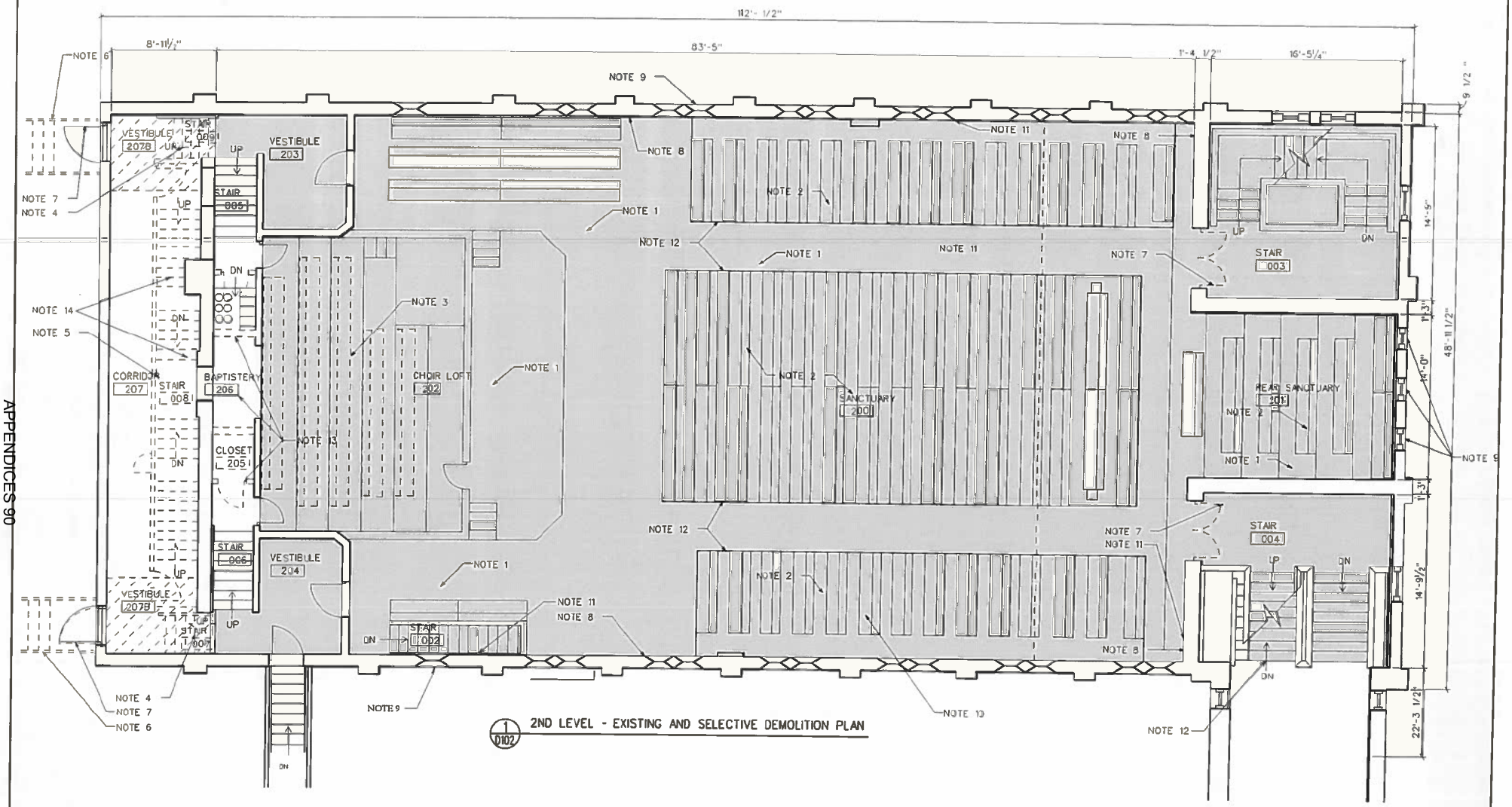
DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16

SUB SHEET NO.: D101

TITLE OF SHEET: 1ST LEVEL DEMOLITION PLAN

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO.: 489 80,020
PROJ. NO.:
SHEET: 7 of 84



1/D102 2ND LEVEL - EXISTING AND SELECTIVE DEMOLITION PLAN

SCALE OF FEET: 4 0 4 8

GENERAL NOTES

A. ALL DEMOLITION SHALL FOLLOW SPECIFICATION SECTION 02050 - MINOR DEMOLITION FOR RESTORATION.
B. ALL MATERIAL REMOVED TO BE RETURNED TO THE CONTRACTING OFFICER.
C. SEE A702 - FURNITURE PLAN FOR NUMBERING SYSTEM TO BE USED PRIOR TO REMOVAL OF PEWS.

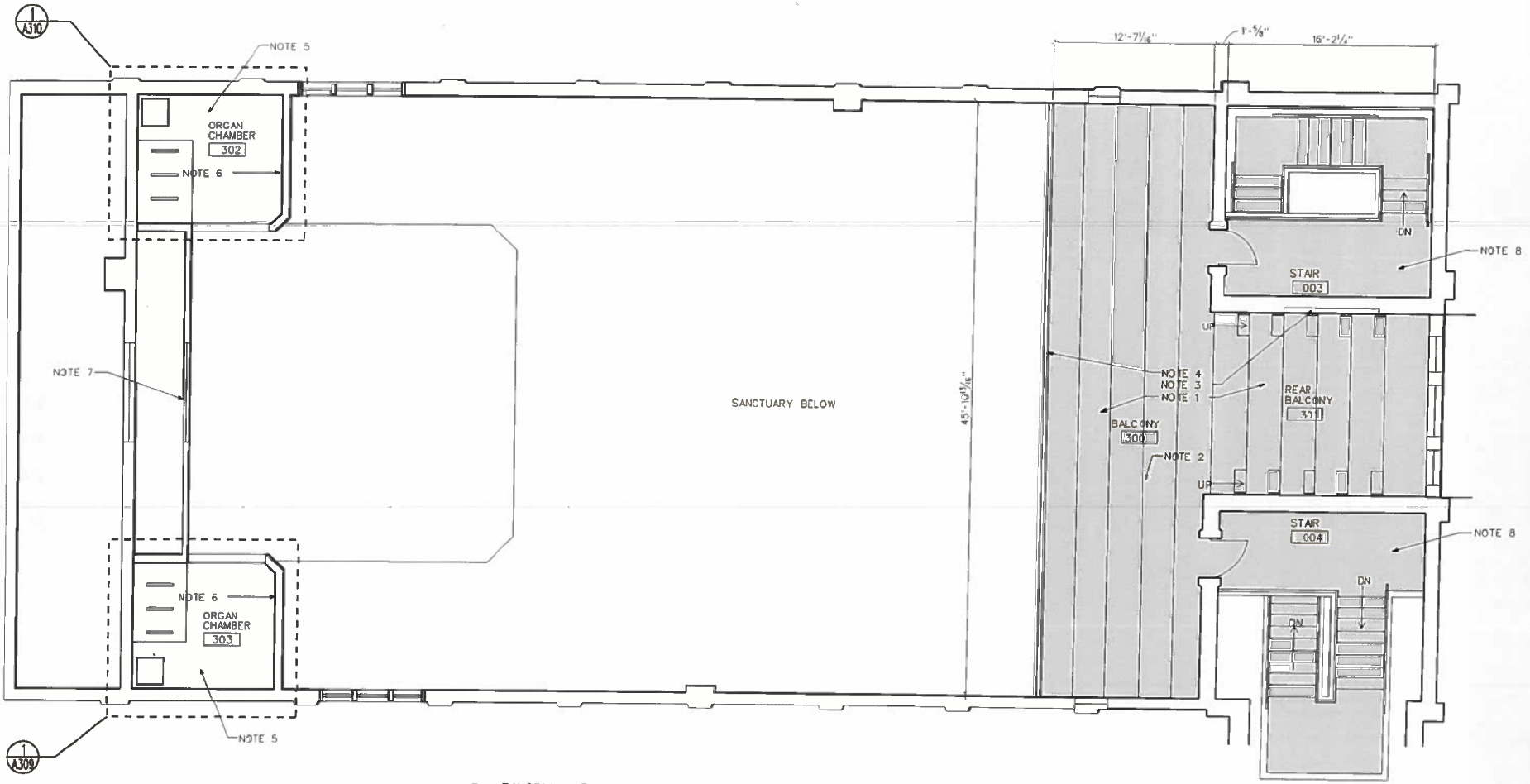
SHEET SPECIFIC NOTES

1. REMOVE EXISTING VINYL FLOORING AND CARPET. INVESTIGATE AFTER COMPLETE REMOVAL, ASSESS TERMITE, MOISTURE, AND OTHER DAMAGE. EXTENT OF FLOORING REMOVAL INDICATED THROUGH SHADING.
2. ALL PEWS TO BE REMOVED AND RESTORED IN OFF SITE LOCATION.
3. CHOIR LOFT PEWS TO BE REMOVED AND REPLACED WITH WOODEN THEATER STYLE SEATING. RETURN CHOIR LOFT SEATING TO OWNER.
4. REMOVE EXISTING WOOD STAIR AND PORTION OF REAR ADDITION. EXIST. DOORS TO BE REMOVED. EXTERIOR LIGHT FIXTURE TO BE REMOVED.
5. REMOVE AND PROTECT EXISTING BAPTISTERY PAINTING.
6. DEMOLISH EXISTING METAL STAIRS AND COLUMNS.
7. REMOVE EXISTING DOOR.
8. REMOVE EXISTING GYPSUM BOARD ON WAINSCOT.
9. REMOVE PLEXIGLASS COVERS FROM ALL STAINED GLASS WINDOWS, TYP.
10. REMOVE CUSHIONS AND RETURN TO CONTRACTING OFFICER - TYP.
11. REMOVE EXISTING FINISHES FROM PLASTER WALLS.
12. LIMIT OF CARPET REMOVAL.
13. REMOVE EXISTING WALLS. REMOVE BAPTISTRY.
14. REMOVE STAIRS. DO NOT REMOVE FLOOR.

LEGEND

- - - MATERIAL TO BE REMOVED
▭ REMOVE VINYL AND CARPET IN SHADED AREAS.

A/E FIRM	LORD, AECK & SARGENT ATLANTA GA
CONSULTANT	
DESIGNED	KR, KMG
DRAWN	KMG
TECH. REVIEW	KR
DATE	2004 FEB 16
SUB SHEET NO.	D102
TITLE OF SHEET	2ND LEVEL DEMOLITION PLAN
	EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE
DRAWING NO.	489 80,020
PKG. NO.	
SHEET	8 OF 84



A/D103 BALCONY - EXISTING AND SELECTIVE DEMOLITION PLAN

MATERIAL KEYNOTES

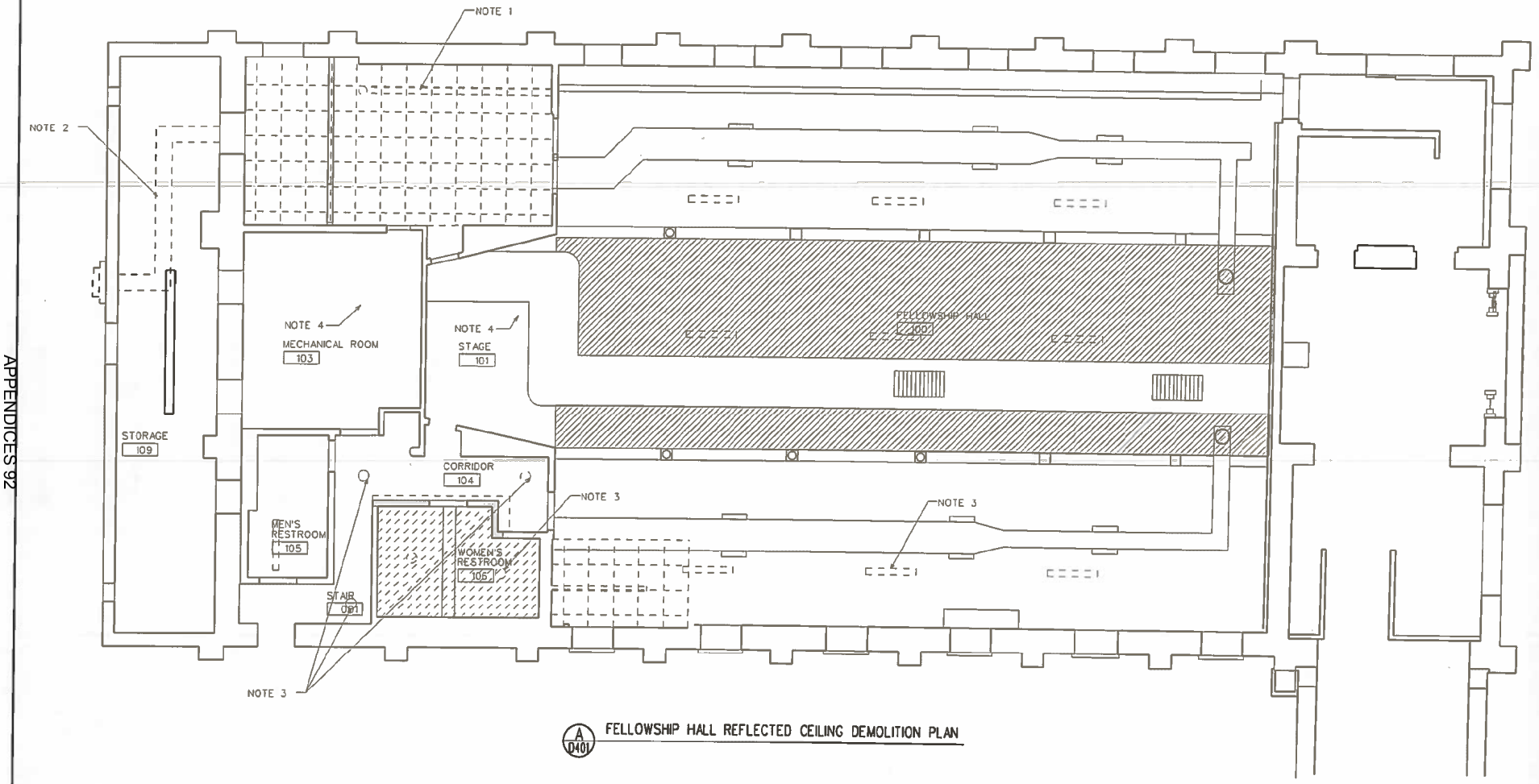
GENERAL NOTES
A. ALL DEMOLITION SHALL FOLLOW SPECIFICATION SECTION 02050 - MINOR DEMOLITION FOR RESTORATION.
B. ALL REMOVED MATERIAL TO BE RETURNED TO THE CONTRACTING OFFICER.
C. REMOVE ALL FINISHES FROM PLASTER WALLS.

SHEET SPECIFIC NOTES
1. BALCONY FLOORING HAS BEEN REMOVED FOR STRUCTURAL INSPECTION.
2. EXISTING BALCONY SEATING HAS BEEN REMOVED.
3. REMOVE EXISTING GYPSUM BOARD AND FURRING FROM IN FRONT OF ANTIPHONAL LOUVERS. ANTIPHONAL LOUVERS TO REMAIN. SEE A313.
4. REMOVE GYPSUM WALL BOARD FROM INSIDE OF BALUSTRADE.
5. ORGAN RESTORER TO REMOVE ALL ELEMENTS RELATED TO THE ORGAN. REMOVE ALL TRASH FROM ORGAN CHAMBERS.
6. REMOVE 1/4" PLYWOOD FROM INTERIOR SIDE OF ORGAN CHAMBER.
7. REMOVE PLEXIGLASS FROM EXISTING ROUND WINDOW.
8. REMOVE CARPET IN STAIR TOWER.
9. REMOVE EXISTING FINISHES FROM PLASTER WALLS.

LEGEND
- - - MATERIAL TO BE REMOVED

4 0 4 8
SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:
DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16
SUB SHEET NO.: D103
TITLE OF SHEET: 3RD LEVEL DEMOLITION PLAN
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE
DRAWING NO.: 489 80,020
PKG. NO.:
SHEET: 9 OF 84



A D401 FELLOWSHIP HALL REFLECTED CEILING DEMOLITION PLAN

4 0 4 8
SCALE OF FEET

MATERIAL KEYNOTES

GENERAL NOTES

A. COORDINATE ALL DEMOLITION WITH MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS.

B. EXISTING EXIT LIGHTING TO REMAIN.

SHEET SPECIFIC NOTES

1. REMOVE AND RELOCATE EXISTING SPRINKLER PIPING. SEE FIRE PROTECTION FP101.
2. REMOVE KITCHEN FUME HOOD EXHAUST DUCTWORK AND FAN. SEE 1/M101.
3. EXISTING LIGHT FIXTURES TO BE REMOVED AND RETURNED TO OWNER. SEE E101.
4. EXISTING FIXTURES TO REMAIN.

LEGEND

SHADED AREA INDICATES WHERE TOUNGE AND GROOVE BEAD BOARD CEILING IS TO BE CAREFULLY REMOVED, SALVAGED AND REPLACED AFTER THE INSTALLATION OF REINFORCEMENT FOR THE SANCTUARY FLOOR.

DASHED AREA INDICATES CEILING ELEMENTS TO BE REMOVED. RETURN ALL LIGHT FIXTURES TO OWNER.

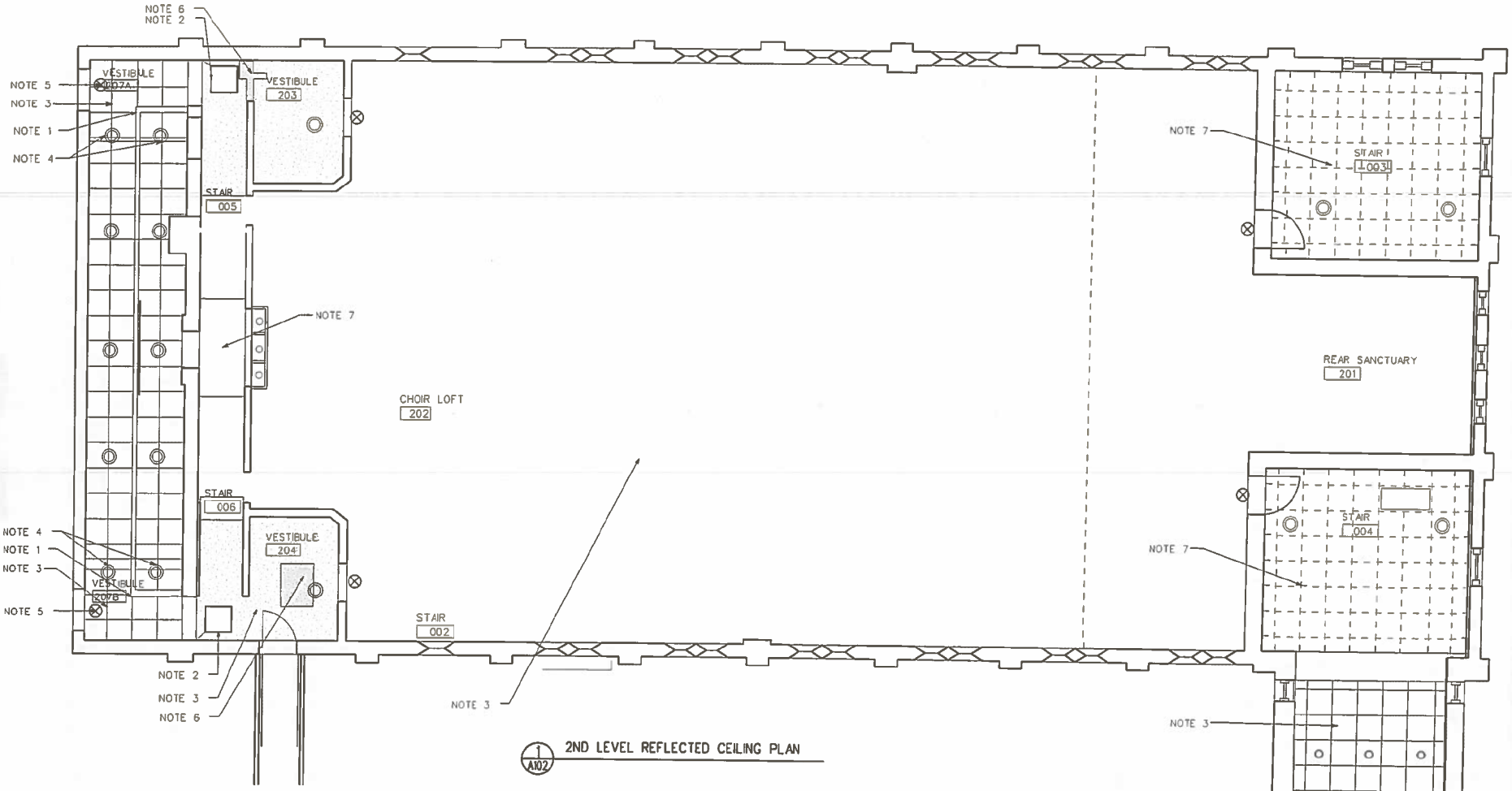
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:

DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16

SUB SHEET NO. D401

TITLE OF SHEET
1ST LEVEL REFLECTED CEILING DEMOLITION PLAN
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489
PROJ. NO. 80,020
SHEET 10 OF 84



1 / A102 2ND LEVEL REFLECTED CEILING PLAN

MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

1. REUSE EXISTING CEILING TILE, GRID & LIGHTING FIXTURES IN NEW CEILING CONFIGURATION. SEE E102.
2. EXISTING ACCESS DOOR TO ORGAN CHAMBER TO REMAIN.
3. EXISTING CEILING TO REMAIN IN CURRENT CONFIGURATION.
4. REMOVE AND REFURBISH EXISTING LIGHT FIXTURES. RETAIN FOR USE IN 207A & 207B.
5. REMOVE AND RETAIN EXIT SIGN FOR REUSE.
6. EXISTING CEILING DAMAGE.
7. REMOVE EXISTING CEILING RETAIN AND REUSE EXISTING LIGHT FIXTURES.

LEGEND

- EXISTING LIGHT FIXTURE TO BE REUSED
- - - EXISTING CEILING GRID AND TILE TO BE REMOVED

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA

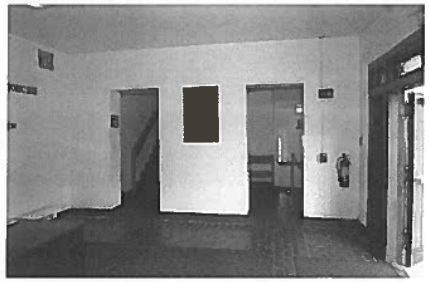
CONSULTANT:

DESIGNED: KR, KMG
DRAWN: KMG
TECHNICIAN: KR
DATE: 2004 FEB 16

SUB SHEET NO. D402

TITLE OF SHEET
2ND LEVEL REFLECTED CEILING DEMOLITION PLAN
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,020
PROJ. NO.
SHEET 11 OF 84



1 A100 VESTIBULE - VIEW LOOKING WEST



2 A100 STAIR 003



3 A100 STAIR 003 AT SANCTUARY ENTRY



4 A100 SANCTUARY - VIEW LOOKING SOUTH



5 A100 VESTIBULE - VIEW LOOKING WEST



6 A100 SANCTUARY - VIEW LOOKING NORTH WEST



7 A100 SANCTUARY - VIEW LOOKING NORTH FROM BAPTISTRY



8 A100 FELLOWSHIP HALL - VIEW LOOKING SOUTH WEST

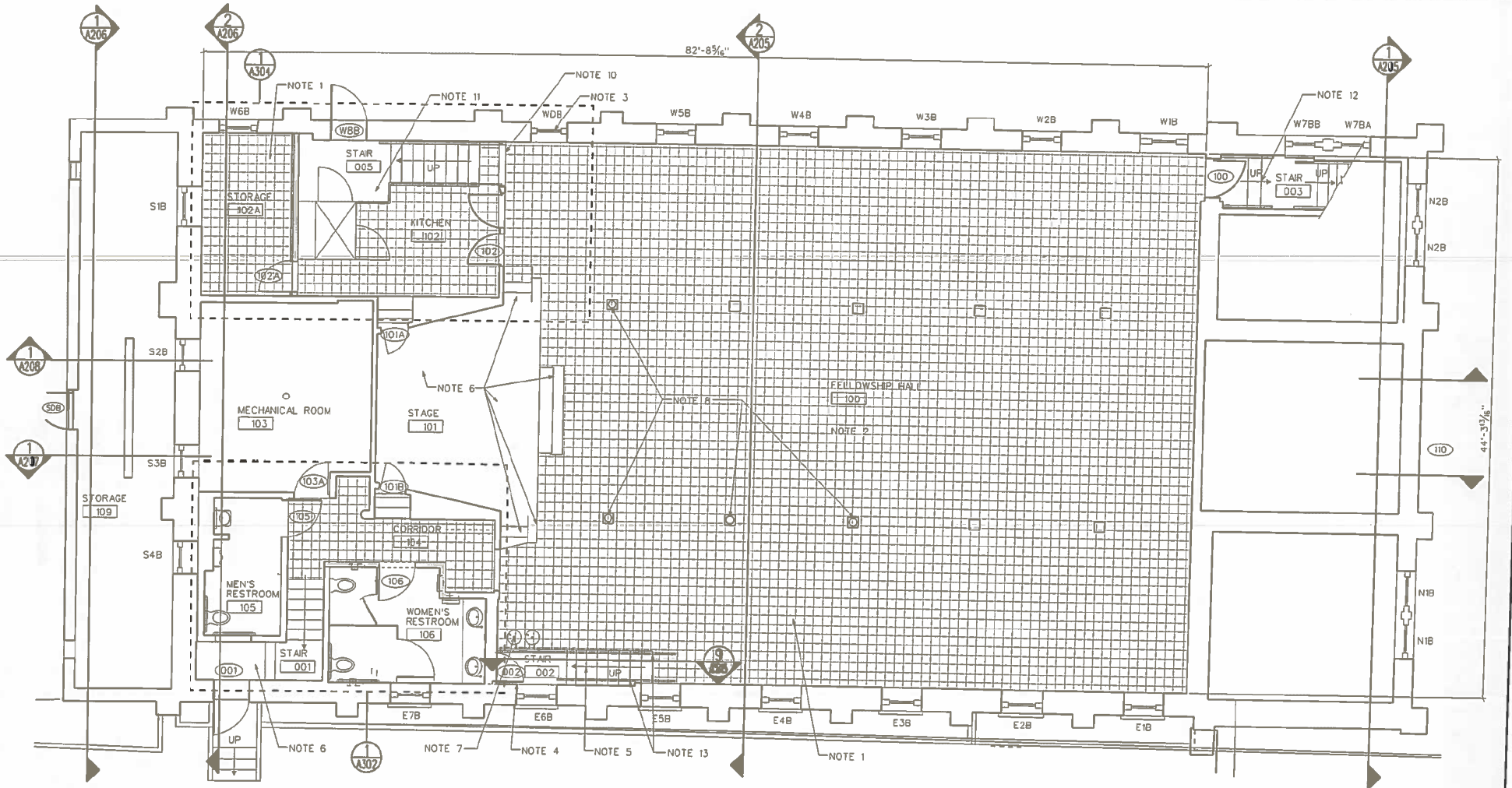


9 A100 FELLOWSHIP HALL - VIEW LOOKING SOUTH



10 A100 FELLOWSHIP HALL - SOUTH EAST CORNER

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA. CONSULTANT:	DESIGNED: KR, KMG DRAWN: KMG TECH. REVIEW: KR DATE: 2004 FEB 16	SUB SHEET NO. A100	TITLE OF SHEET: EXISTING INTERIOR GENERAL PHOTOGRAPHS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,020 PKG NO. — —	SHEET 12 OF 84



1 A101 1ST LEVEL PROPOSED RESTORATION PLAN

MATERIAL KEYNOTES

SHEET SPECIFIC NOTES

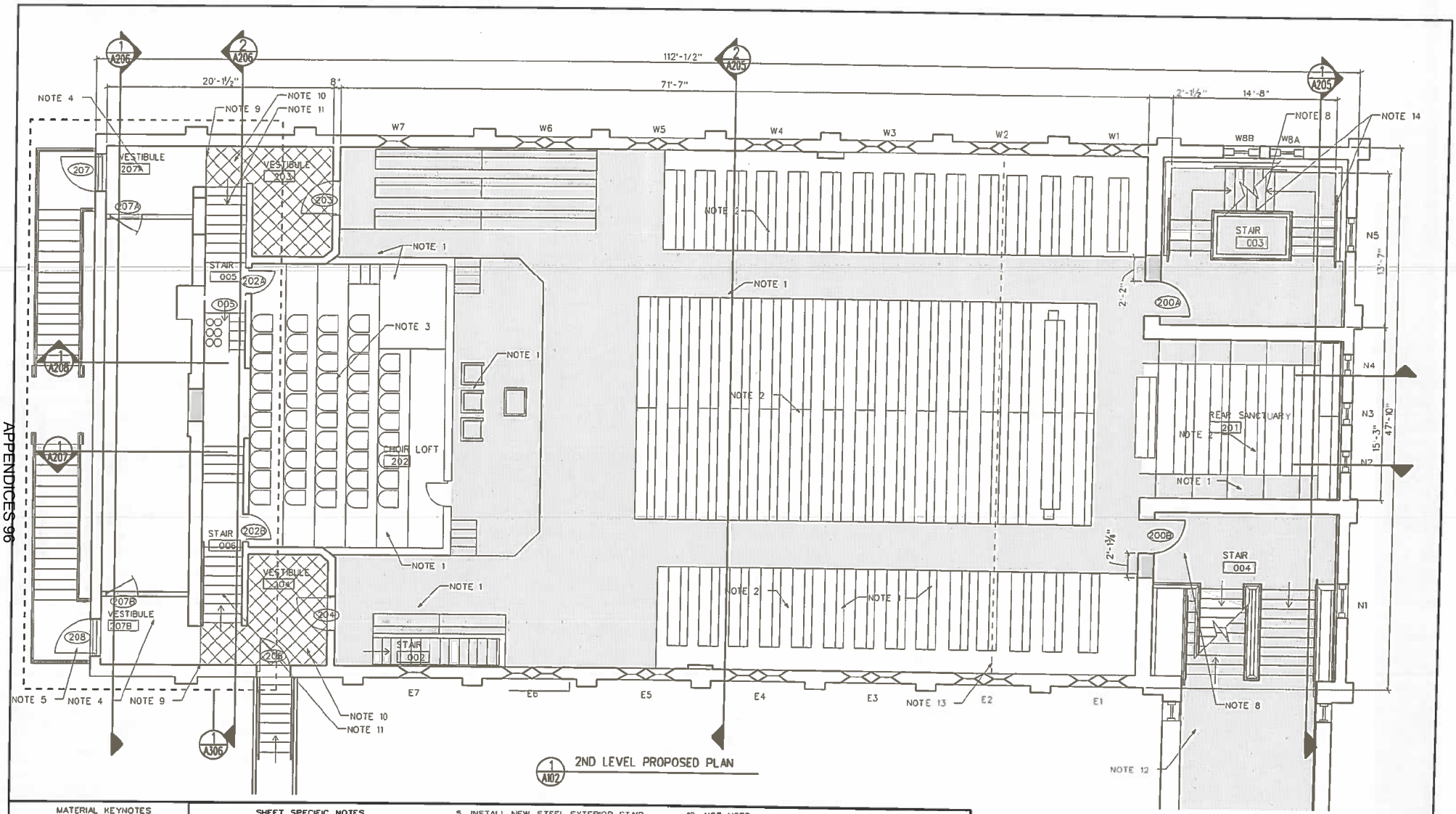
1. INSTALL SELF- LEVELING UNDERLAYMENT. INSTALL RESILIENT TILES 8" SQUARE VCT TILES.
2. PAINT ALL WALLS AFTER PLASTER RESTORATION. SEE FINISH SCHEDULE.
3. NEW REPLACEMENT WINDOW TO MATCH EXISTING WOOD WINDOWS.
4. INSTALL NEW WOOD DOOR. SEE A503 FOR DOOR SCHEDULE.
5. RECONFIGURE STAIR USING WOOD CONSTRUCTION.
6. REPAIR & REFINISH EXISTING WOOD FLOOR, TRIM AND STAIRS.
7. INSTALL NEW DRINKING FOUNTAIN.
8. INSTALL NEW WOOD COLUMNS. SEE STRUCTURAL.
9. NOT USED.
10. FRAME NEW CASED OPENING IN WALL.
11. INSTALL NEW HANDICAP LIFT. NEW PLATFORM AND STAIR TO BE WOOD CONSTRUCTION WITH PAINTED STEEL HANDRAILS.
12. REPLACE STAIR TREAD AND NOSING ON STAIRS BELOW VESTIBULE LEVEL OF STAIR TOWER.
13. INSTALL PAINTED STEEL HANDRAILS.

LEGEND

NEW WALL

4 0 4 8
SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:
DESIGNED: KR, KMG
DRAWN: KMG
TECH REVIEW: KR
DATE: 2004 FEB 16
SUB SHEET NO. A101
TITLE OF SHEET: 1ST LEVEL PROPOSED PLAN
EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE
DRAWING NO. 489 80,020
PROJ. NO.
SHEET 13 84



MATERIAL KEYNOTES

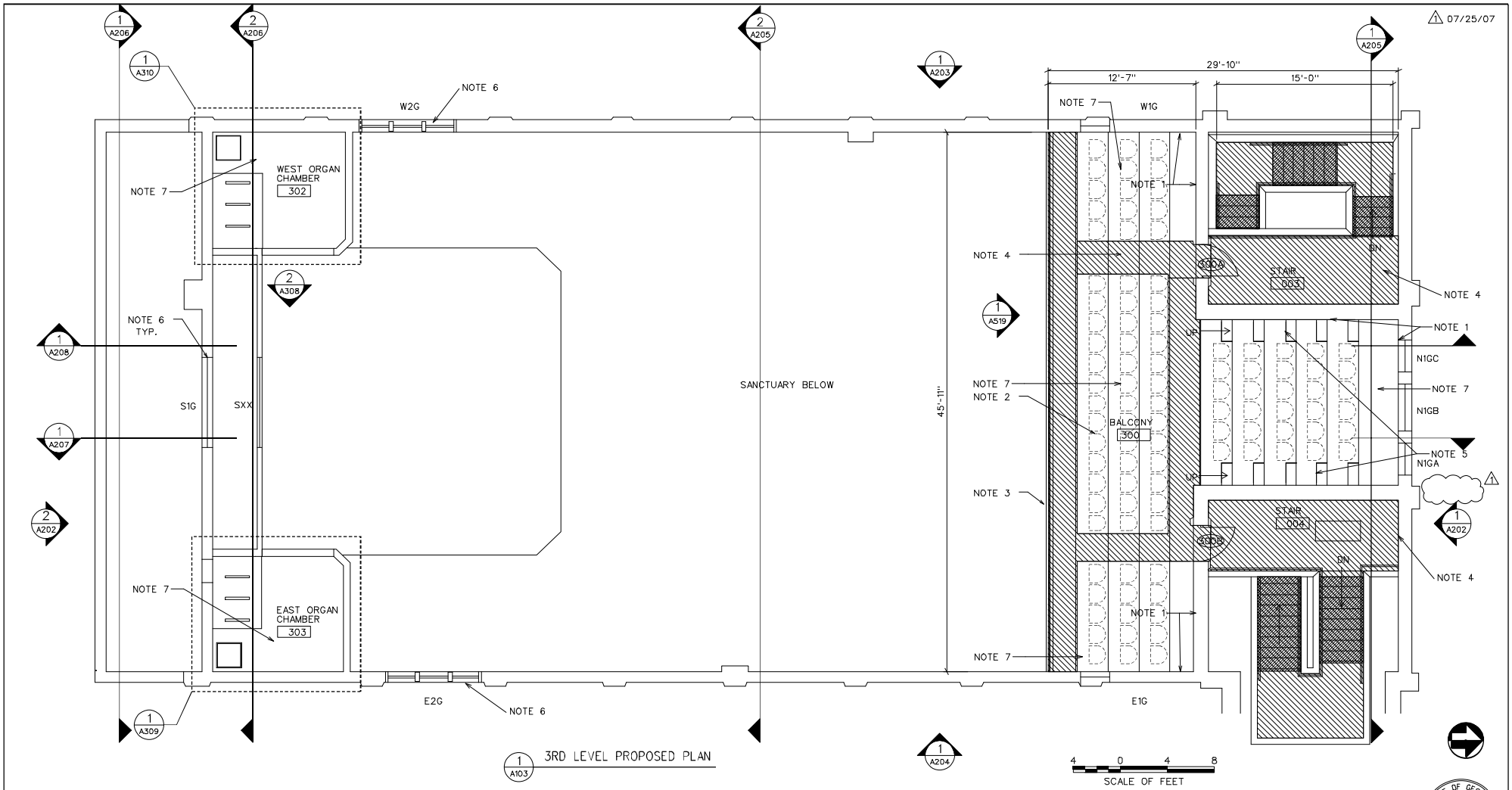
SHEET SPECIFIC NOTES

1. REFINISH WOOD FLOORING PER SPECIFICATION SECTION 09690 - WOOD FLOOR RESTORATION. INSTALL NEW CARPET AT AISLES AS SHOWN ON PLAN. SHADED AREA INDICATES AREA TO RECEIVE CARPET.
2. RESTORE AND REINSTALL PEWS IN ORIGINAL LOCATION. SEE FURNITURE PLAN A702.
3. REMOVE CHOIR LOFT PEWS AND REPLACE WITH WOODEN THEATER STYLE SEATING.
4. RELOCATE REAR ADDITION FLOOR TO LEVEL OF SANCTUARY FLOOR.
5. INSTALL NEW STEEL EXTERIOR STAIR AND NEW STEEL DOORS.
6. NOT USED.
7. PAINT ALL SANCTUARY WALLS AFTER PLASTER RESTORATION IS COMPLETE. SEE FINISH SCHEDULE.
8. REPLACE CARPET IN STAIR TOWER. PATCH BASE AND REPLACE RUBBER STAIR NOSING, TREAD AND RISERS AT STAIRS. CARPET AT LANDINGS ONLY.
9. LIMIT OF NEW FLOOR.
10. INSTALL NEW VCT FLOORING IN VESTIBULES.
11. REPAIR AND RESTORE WOOD STAIRS.
12. NOT USED.
13. BALCONY ABOVE.
14. NEW STEEL HANDRAILS. SEE A514.

LEGEND
CARPET
NEW WALL

SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA	DESIGNED: KR, KMG	SUB SHEET NO. A102	TITLE OF SHEET: 2ND LEVEL PROPOSED PLAN	DRAWING NO. 489 80,020
CONSULTANT:	DRAWN: KMC		EBENEZER BAPTIST CHURCH M.L.K. JR. NATIONAL HISTORIC SITE	PKG. NO. — — — SHEET 14 of 84
	TECH REVIEW: KR			
	DATE: 2004 FEB 16			



1 A103 3RD LEVEL PROPOSED PLAN

MATERIAL KEYNOTES

GENERAL NOTES

A. REINSTALL BALCONY WOOD FLOORING. REUSE AS MUCH EXISTING SALVAGED FLOORING AS POSSIBLE. BEGIN REPLACEMENT WITH EXISTING FLOORING. MATCH EXISTING PROFILE AND SIZE WITH REMAINING FLOOR REPLACEMENT.

B. FOR BALCONY REINFORCEMENT SEE STRUCTURAL.

SHEET SPECIFIC NOTES

1. RESTORE ALL INTERIOR PLASTER SURFACES. PAINT ALL BALCONY WALLS. SEE FINISH SCHEDULE.
2. RESTORE AND REINSTALL EXISTING BALCONY SEATING. SEE A702.
3. REINFORCE BALCONY BALUSTRADE AND ADD NEW HANDRAIL/GUARDRAIL. SEE A519.
4. INSTALL CARPET IN STAIR TOWERS AND AT AISLES OF BALCONY.
5. INSTALL INTERMEDIATE WOOD TREADS AND RISERS. SEE A519.
6. RESTORE EXTERIOR WINDOWS. SEE WINDOW SCHEDULE FOR SPECIFIC INSTRUCTIONS.
7. REFINISH AND FINISH WOOD FLOORING PER SECTION 09690 -WOOD FLOOR RESTORATION. DO NOT FINISH FLOORING IN AREAS WHERE CARPET IS TO BE REPLACED.

1

LEGEND

INSTALL NEW CARPET.

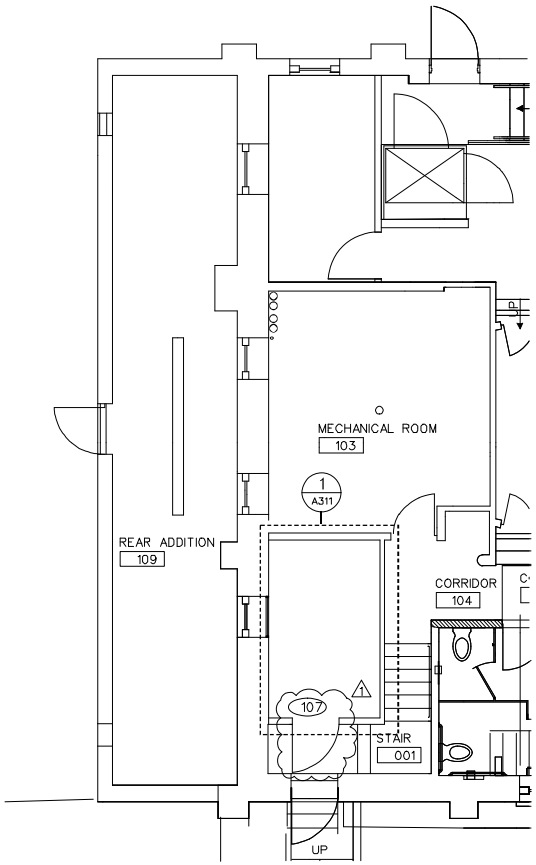
INSTALL NEW CARPET ON STAIR W/METAL NOSINGS.

GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

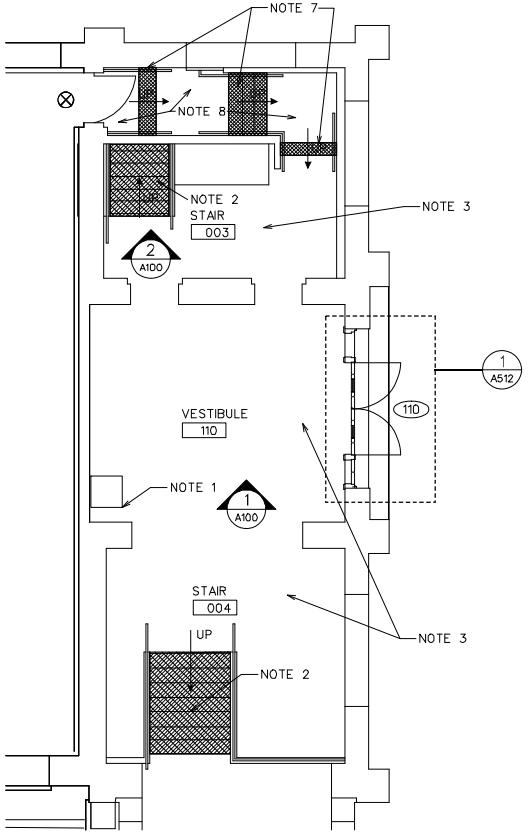
STATE OF GEORGIA ANTONN AECK REGISTERED ARCHITECT

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.	KR	A103	3RD LEVEL PROPOSED PLAN	489 80,032
CONSULTANT:	DRAWN: KG/JA		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. 111
	TECH. REVIEW: ST/TR/MCM			SHEET 22
	DATE: 2005 FEB. 09			OF 99

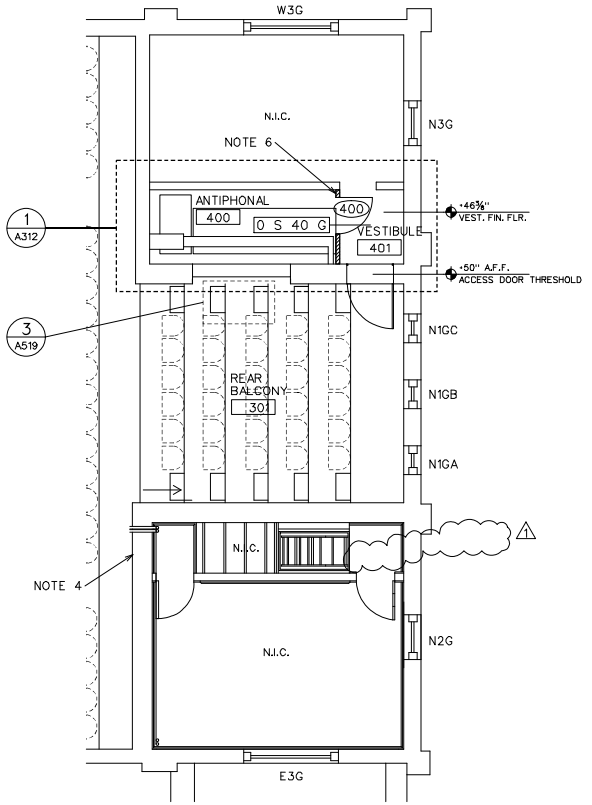
1 07/25/07



1 A104 BLOWER LEVEL PLAN



2 A104 VESTIBULE LEVEL PLAN



3 A104 ANTIPHONAL/TOWER OFFICE PLAN

4 0 4 8
SCALE OF FEET

MATERIAL KEYNOTES	GENERAL NOTES

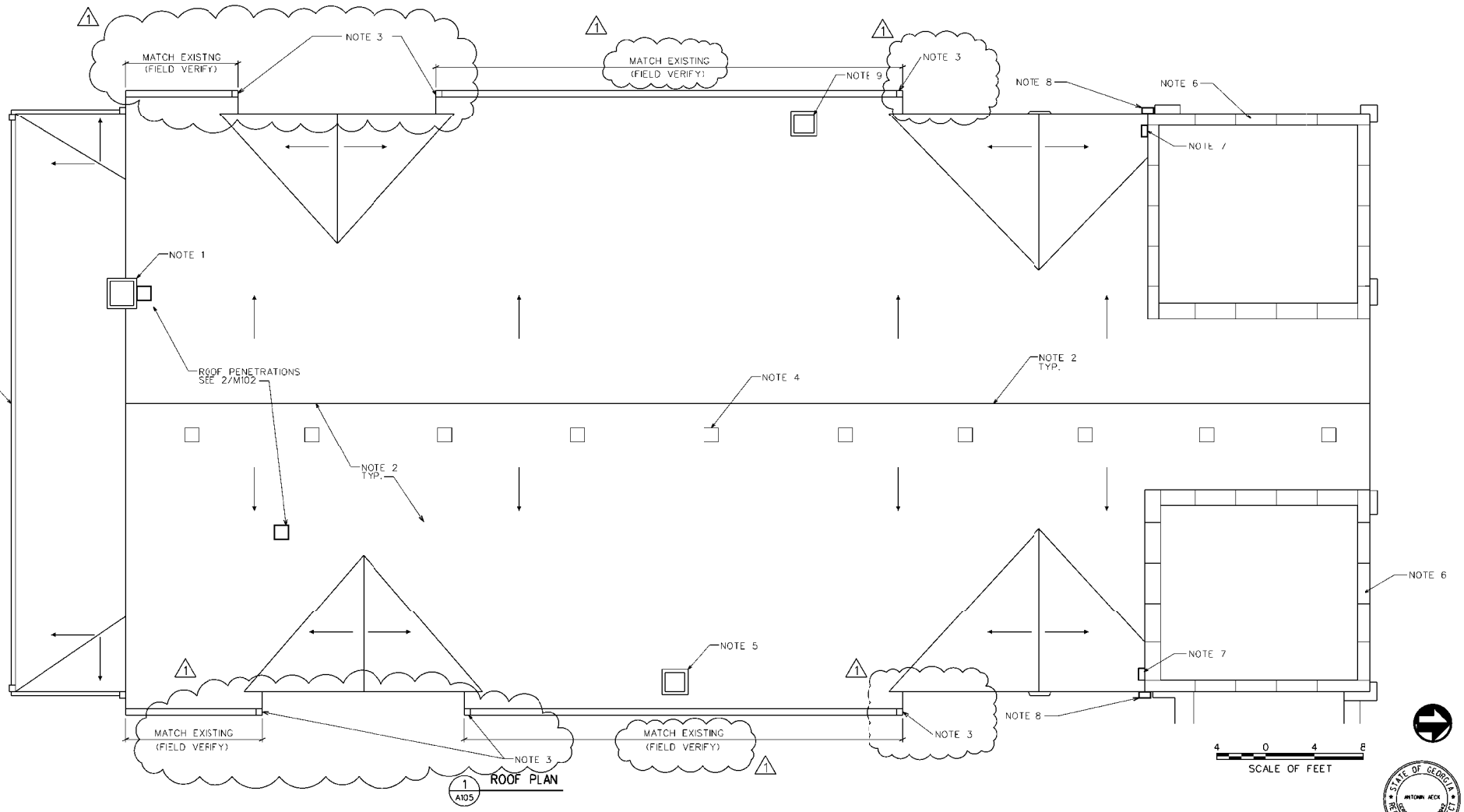
SHEET SPECIFIC NOTES
1. REPAIR HEATER. SEE M3/101.
2. REPLACE CARPET ON STAIRS, SEE 1/A517.
3. PROTECT AND MAINTAIN EXISTING FLOOR.
4. PROVIDE A 'B' LABEL FIRE-RATED ACCESS PANEL -AD2, FOR OPENING CUT IN THIS AREA. SEE ACCESS DOOR SCHEDULE ON A503.
5. NOT USED 1
6. REPAIR EXISTING WALL, SEE PARTITION SCHEDULE.
7. MAINTAIN EXISTING TREADS AND RISERS.
8. CONTINUE RESILIENT FLOORING AS IN THE FELLOWSHIP HALL.

LEGEND
- INSTALL NEW CARPET & STAIR NOSINGS
- INSTALL NEW WALL.
- EXISTING STAIR TREAD AND RISER COVERS

GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

STATE OF GEORGIA ANTONN AECK REGISTERED ARCHITECT

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	KR	A104	PROPOSED INTERMEDIATE LEVEL PLANS	489 80,032
	DRAWN: KG/JA		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. 111
	TECH. REVIEW: ST/TR/MCM			SHEET 24
	DATE: 2005 FEB. 09			OF 99



APPENDICES 99

MATERIAL KEYNOTES

GENERAL NOTES

A. EXISTING CONDITION DIMENSIONS ARE APPROXIMATE AND SHALL BE FIELD VERFIED.

SHEET SPECIFIC NOTES

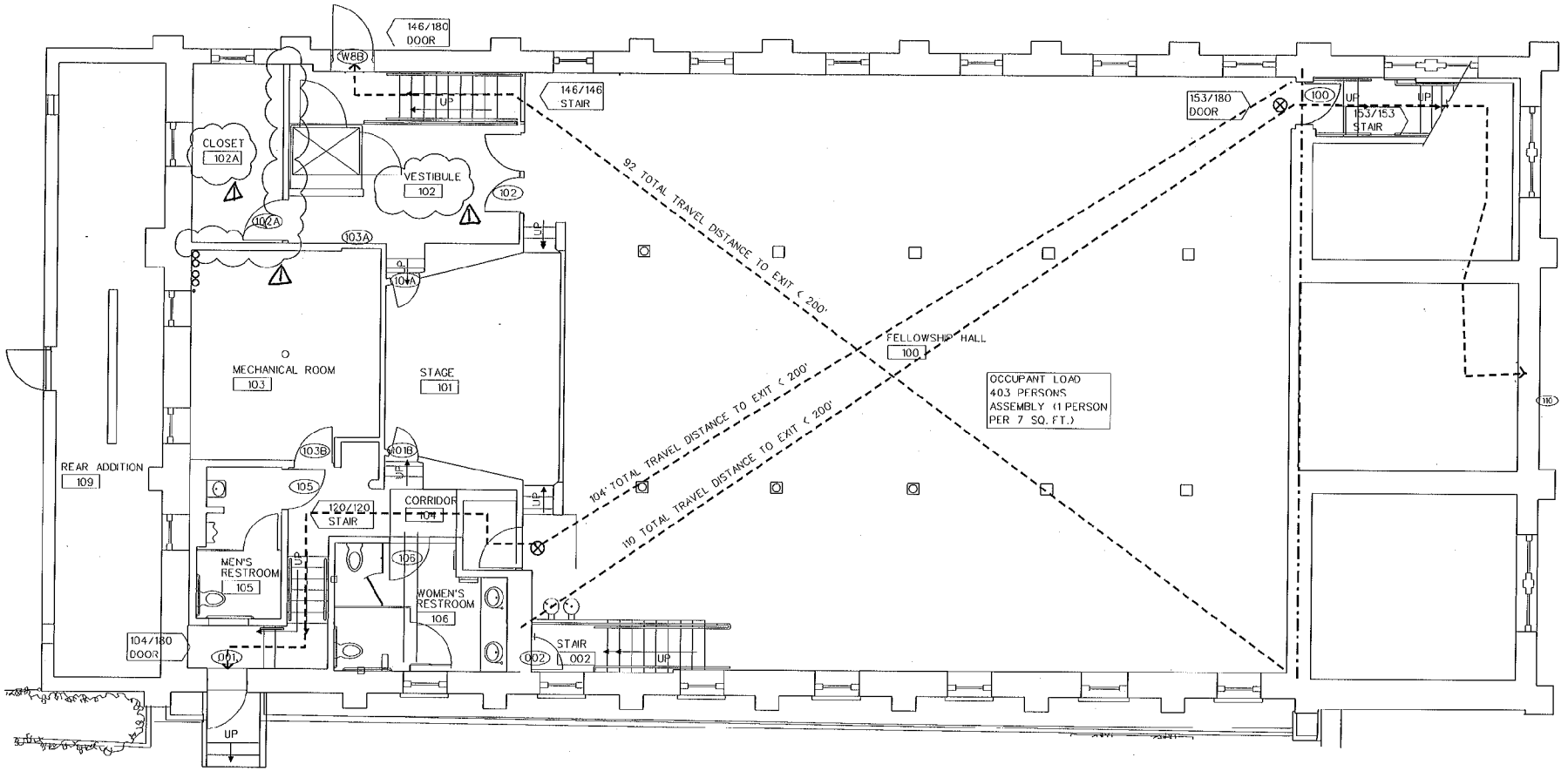
1. PARTIALLY REBUILD THE TOP 7 COURSES OF CHIMNEY. USE MORTAR MIX 3.
2. SEE E105 FOR LIGHTNING PROTECTION PLAN
3. INSTALL NEW GUTTERS AND DOWNSPOUTS. SEE SHEET A523.
4. EXISTING ATTIC VENTS TO REMAIN. TYP.
5. TUCK POINT CHIMNEY. USE MORTAR MIX 2.
6. PROTECT AND SECURE CAP STONES TO PARAPETS
7. PROTECT AND MAINTAIN EXISTING SCUPPER AND DOWNSPOUT AT TOWER ROOF.
8. REPLACE COLLECTOR HEAD AND DOWNSPOUT.
9. TUCK POINT CHIMNEY. USE MORTAR MIX 3.

STATE OF GEORGIA ANTONIN AECK CERTIFICATE NO. REGISTERED ARCHITECT

A/E FIRM PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	DESIGNED: KR DRAWN: KG/JA TECH. REVIEW: ST/TR/MCM DATE: 2005 FEB. 09	SUB SHEET NO. A105	TITLE OF SHEET ROOF PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO. 111 SHEET 25 OF 99

APPENDICES 100

⚠ 9/19/07



1 / A101a 1ST LEVEL LIFE SAFETY PLAN

4 0 4 8
SCALE OF FEET

STATE OF GEORGIA ANTONIA JACOX 000 REGISTERED

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES

LEGEND

- LOAD/CAPACITY ELEMENT
- ELEMENT- EGRESS COMPONENT (STAIRS OR DOOR)
- TRAVEL DISTANCE
- 1 - HOUR SEPERATION
- SMOKE BARRIER
- LOAD- NUMBER OF PERSONS ALLOTTED TO THAT EGRESS COMPONENT
- CAPACITY- MAXIMUM CAPACITY

LORD, AECK & SARGENT, INC. ATLANTA, GA.

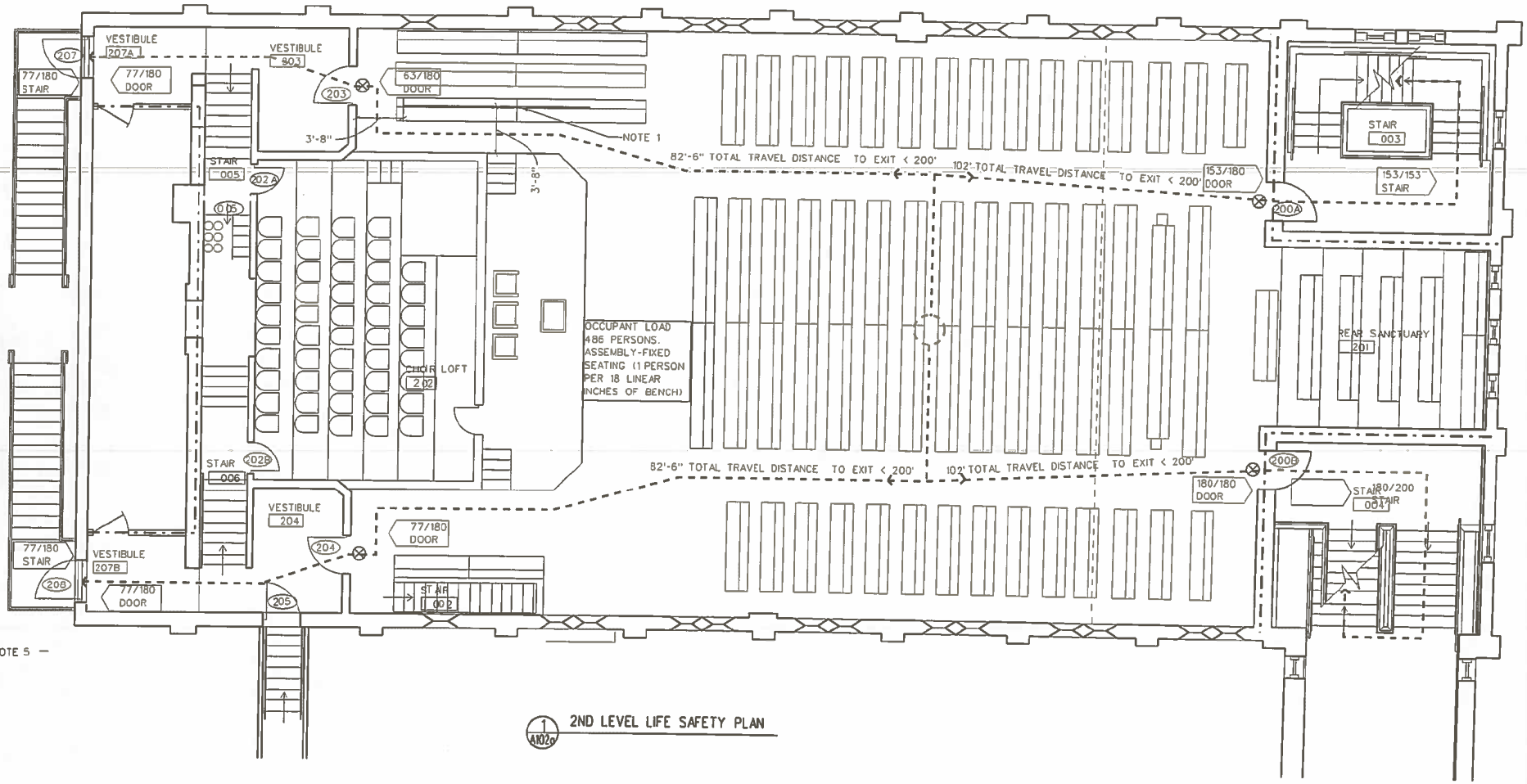
KR
KG/JA
ST/TR/MCM
2005 FEB 09

A101a

1ST LEVEL LIFE SAFETY PLAN

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

489
80,032
PKG. NO. 111
SHEET 18
OF 99



1 A102a 2ND LEVEL LIFE SAFETY PLAN

SCALE OF FEET: 4 0 4 8

MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

1. PEW TO BE RELOCATED TO PROVIDE 44" CLEARANCE FOR EGRESS PATH.

LEGEND

LOAD/CAPACITY ELEMENT

ELEMENT= EGRESS COMPONENT (STAIRS OR DOOR)

LOAD= NUMBER OF PERSONS ALLOTTED TO THAT EGRESS COMPONENT

CAPACITY= MAXIMUM CAPACITY

- - - TRAVEL DISTANCE
—·— 1-HOUR SEPERATION
····· SMOKE BARRIER

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA

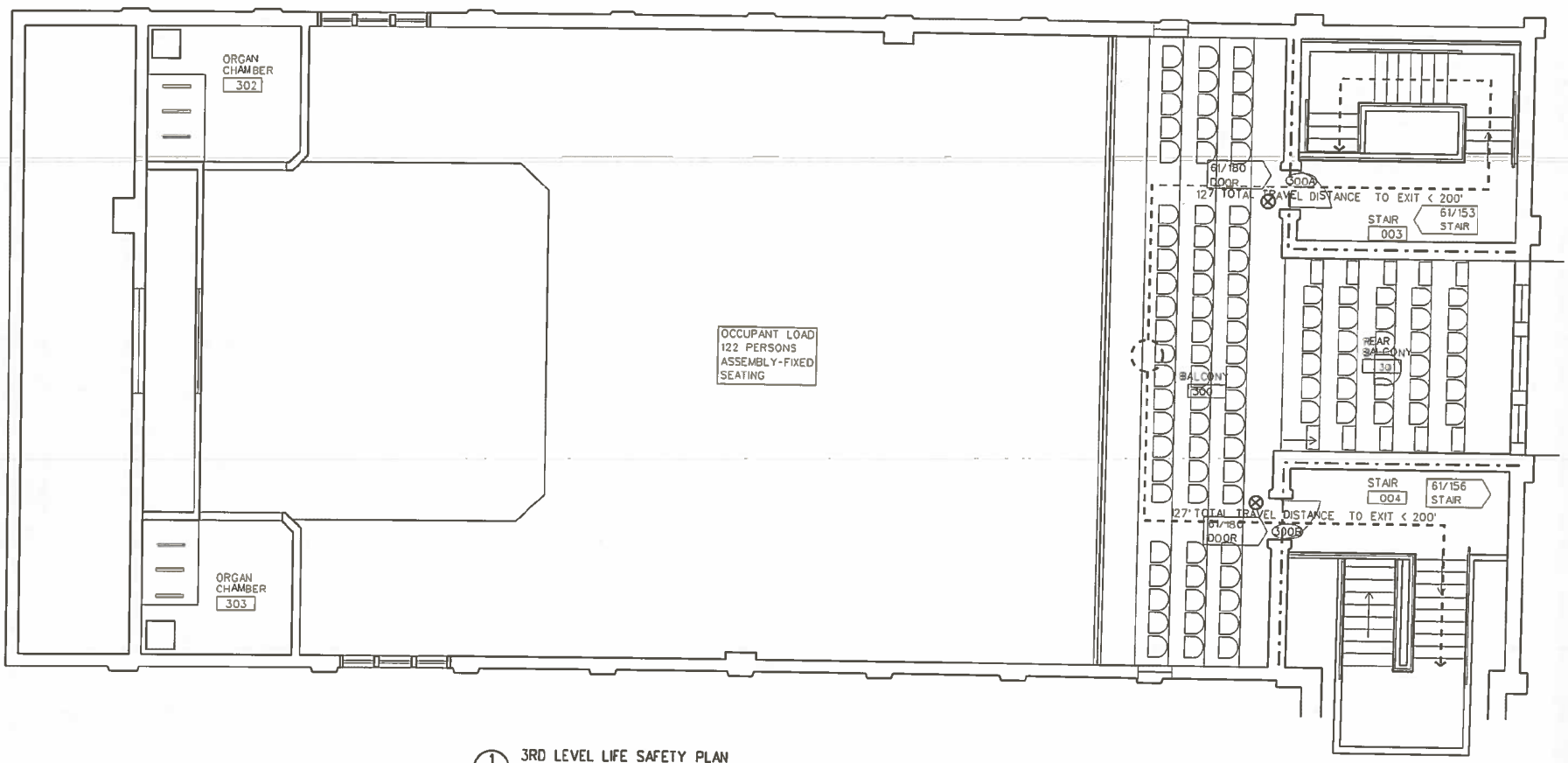
DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16

SUB SHEET NO.: A102a

TITLE OF SHEET: 2ND LEVEL LIFE SAFETY PLAN

EBENEZER BAPTIST CHURCH
M.L.K. JR. NATIONAL HISTORIC SITE

DRAWING NO.: 489 80,020
PROJ. NO.:
SHEET: 19 OF 84



1 A103a 3RD LEVEL LIFE SAFETY PLAN

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES

LEGEND

LOAD/CAPACITY ELEMENT

- - - - TRAVEL DISTANCE

— · — 1-HOUR SEPARATION

▪▪▪▪▪▪ SMOKE BARRIER

ELEMENT= EGRESS COMPONENT (STAIRS OR DOOR)

LOAD= NUMBER OF PERSONS ALLOTTED TO THAT EGRESS COMPONENT

CAPACITY= MAXIMUM CAPACITY

4 0 4 8
SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA

CONSULTANT:

DESIGNED: KR, KMG

DRAWN: KMG

TECH. REVIEW: KR

DATE: 2004 FEB 16

SUB SHEET NO. A103a

TITLE OF SHEET: 3RD LEVEL LIFE SAFETY PLAN

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,020

PKG. NO. —

SHEET 20 OF 84



1 A201 NORTH ELEVATION



2 A201 WEST ELEVATION

3 A201 EAST ELEVATION - COURTYARD



4 A201 SOUTH ELEVATION



5 A201 SOUTH ELEVATION - WEST STAIR



6 A201 SOUTH ELEVATION - EAST STAIR



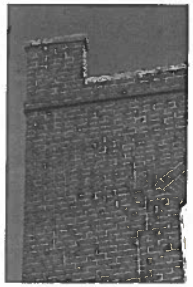
7 A201 TYPICAL FASCIA BOARD - EAST ELEVATION



8 A201 CHIMNEY AT SOUTH ELEVATION



9 A201 EAST ELEV. AT BALCONY LEVEL GABLE



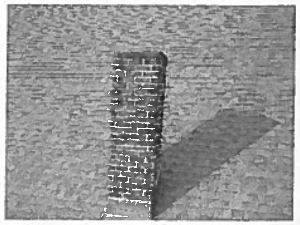
10 A201 NORTH WEST SOUTH TOWER



11 A201 TYPICAL BAY AT WEST ELEVATION



11 A201 WINDOW E2G AT EAST ELEVATION



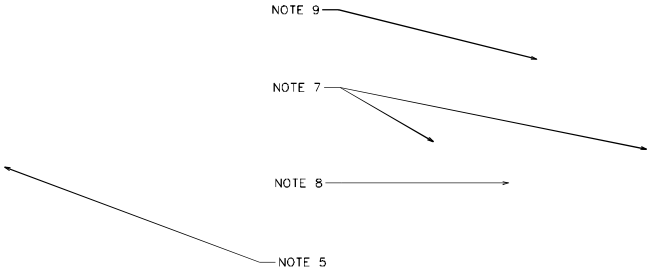
12 A201 CHIMNEY AT EAST ELEVATION

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA	DESIGNED: KR, KMG DRAWN: KMG TECH. REVIEW: KR DATE: 2004 FEB 16	SUB SHEET NO. A201	TITLE OF SHEET: EXISTING EXTERIOR PHOTOGRAPHS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,020 PROJ. NO. SHEET 21 OF 84



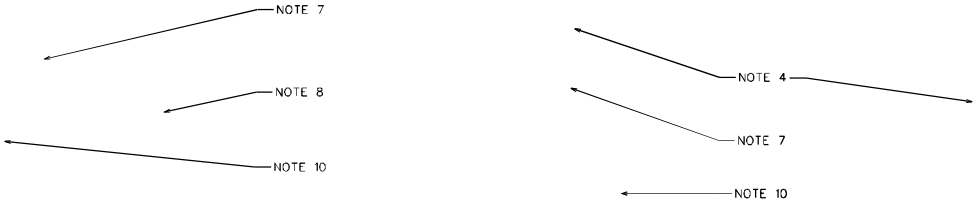
1 A201 NORTH ELEVATION

2 A201 WEST ELEVATION



3 A201 TYPICAL BRICKWORK - EAST ELEVATION

4 A201 SOUTH ELEVATION

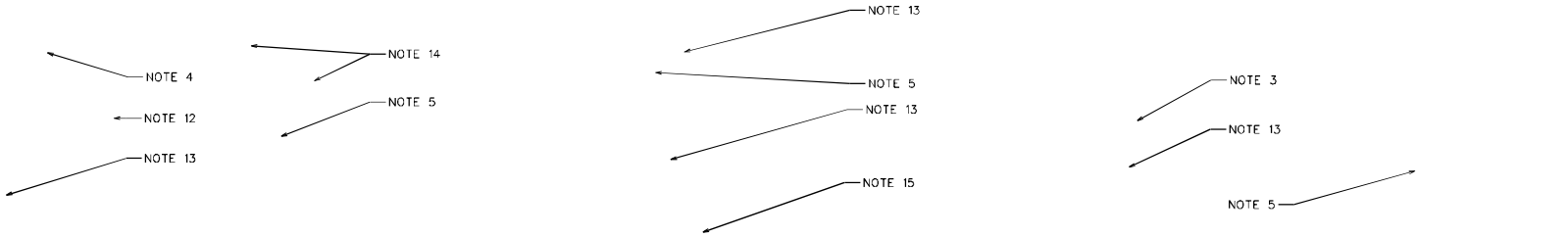


5 A201 SOUTH ELEVATION - WEST STAIR

6 A201 SOUTH ELEVATION - EAST STAIR

7 A201 TYPICAL FASCIA BOARD - EAST ELEVATION

8 A201 CHIMNEY AT SOUTH ELEVATION



9 A201 EAST ELEV. AT BALCONY LEVEL GABLE

10 A201 NORTH WEST STAIR TOWER

11 A201 TYPICAL BAY AT WEST ELEVATION

12 A201 WINDOW E2G AT EAST ELEVATION

13 A201 CHIMNEY AT EAST ELEVATION

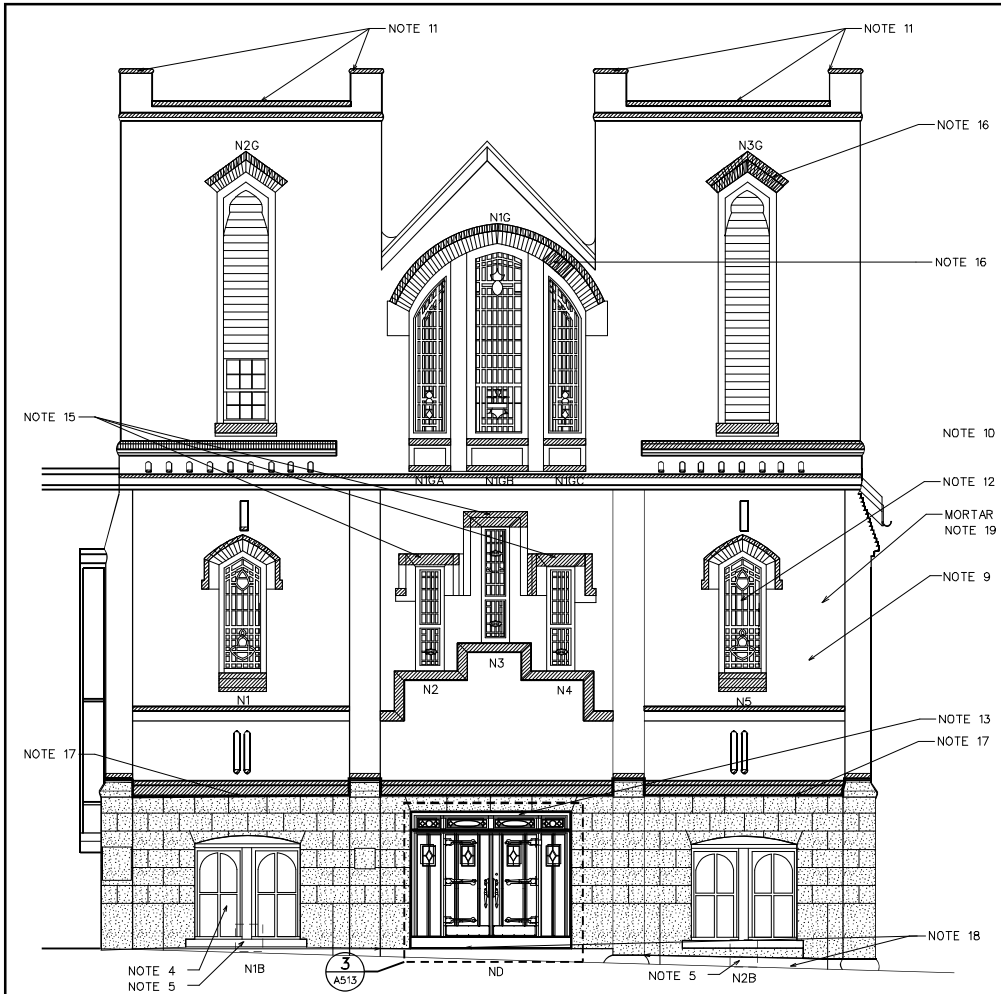
GENERAL NOTES

A. SCOPE OF WORK INCLUDES BUT IS NOT LIMITED TO THE NOTES CALLED OUT ON THE SHEET. SEE DRAWINGS AND SPECIFICATIONS FOR EXTENT OF WORK.

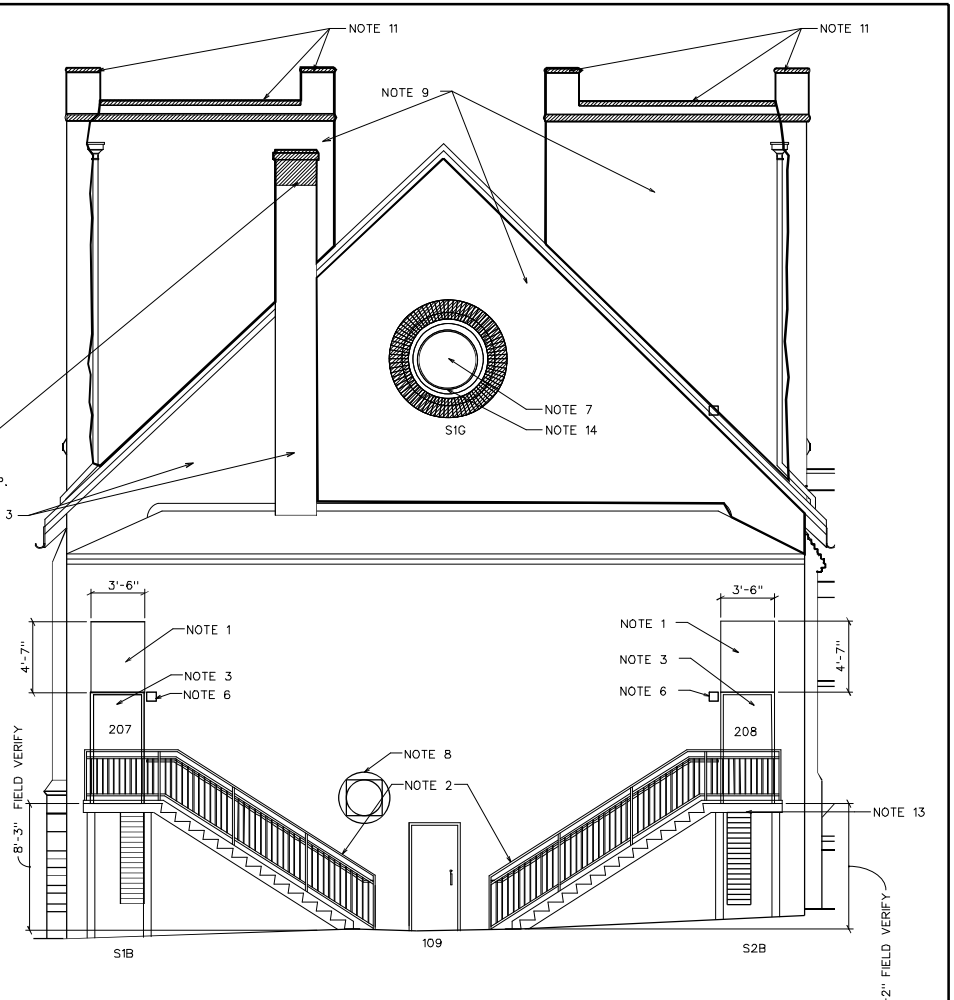
SHEET SPECIFIC NOTES

1. REPLACE DOOR 102B WITH WINDOW TO MATCH FELLOWSHIP HALL WINDOWS PER A510.
2. INSTALL DOOR IN THIS AREA PER A101 AND A203.
3. REMOVE PLEXIGLASS FROM WINDOWS TYP.. RESTORE STAINED GLASS WINDOWS.
4. REPAIR AND PAINT EXTERIOR EAVES, TRIM AND SOFFITS.
5. TUCK POINT SELECT AREAS OF EXISTING BRICK. PROTECT AND MAINTAIN SOUND MORTAR AND MORTAR JOINTS.
6. REPAIR AND RESTORE STUCCO.
7. LOWER EXISTING DOOR.
8. REMOVE FUME HOOD EXHAUST FAN. INFILL BRICK TO MATCH EXISTING.
9. RESTORE WINDOW WITH AMBER ART GLASS.
10. DEMOLISH AND REBUILD STEEL STAIR.
11. PARTIALLY REBUILD TOP 7 COURSES OF CHIMNEY.
12. INSTALL NEW GUTTERS AND DOWNSPOUTS. SEE A203 AND A204.
13. INSTALL PARGE COAT ON ALL HORIZONTAL PROJECTED SURFACES.
14. SECURE COPING TO PARAPET WALL, TYP. AT TOWERS.
15. RESTORE MORTAR JOINT BETWEEN STUCCO AND MASONRY.
16. SEE A501 FOR RESTORATION OF DOOR.

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.	KR	A201	EXISTING EXTERIOR PHOTOGRAPHS	489 / 80,033
CONSULTANT:	DRAWN KG		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. 111
	TECH. REVIEW ST/TR			SHEET 19 of 90
	DATE 2004 OCT. 20			



1 A202 NORTH ELEVATION - EXISTING AND PROPOSED RESTORATION WORK



2 A202 SOUTH ELEVATION - EXISTING AND PROPOSED RESTORATION WORK

GENERAL NOTES

A. CLEAN ALL EXTERIOR SURFACES. CLEAN MASONRY SURFACES PER SPECIFICATION SECTION 04900 - MASONRY RESTORATION AND CLEANING.
B. RESTORE AND REPAIR ALL EXTERIOR WINDOWS. RESTORE EXTERIOR WOOD SASHES PER SPECIFICATION SECTION 08590 - WINDOW RESTORATION. RESTORE STAINED GLASS PER SECTION 08812 - STAINED GLASS RESTORATION.
C. REPAIR AND PAINT EXTERIOR EAVES, TRIM AND SOFFITS.
D. ALL HORIZONTAL PROJECTED SURFACES TO RECEIVE PARGE COAT/WASH.

SHEET SPECIFIC NOTES

1. INFILL OPENING WITH BRICK AND MORTAR TO MATCH EXISTING.
2. INSTALL NEW STEEL EXTERIOR STAIR.
3. INSTALL NEW HOLLOW METAL DOOR AND FRAME.
4. REBUILD AND REINSTALL SCREENS.
5. REMOVE AND RETURN EXISTING LIGHT FIXTURES TO OWNER. SEE E101.
6. INSTALL NEW EXTERIOR LIGHT FIXTURE
7. RESTORE WINDOW WITH SINGLE PANE OF AMBER CATHEDRAL GLASS.
8. REMOVE FUME HOOD EXHAUST FAN. INFILL BRICK TO MATCH EXISTING.
9. FILL ALL HOLES IN MASONRY. ASSUME 2% REPOINT WITH MORTAR MIX 2 - NATURAL CEMENT MORTAR.
10. PARTIALLY REBUILD TOP 7 COURSES OF CHIMNEY. USE MORTAR MIX 3.
11. SECURE COPING.
12. REMOVE PLEXIGLASS FROM WINDOWS TYP..RESTORE WINDOW.
13. CLEAN AND PAINT LINTEL. CAULK JOINT AT TOE OF LINTEL UNDER BRICK.
14. NOT USED.
15. REBUILD WINDOW HEAD WITH STAINLESS STEEL LINTEL.
16. REPAIR CRACKS AND DAMAGED AREAS AT PEAK OF ARCH.
17. RESTORE MORTAR JOINT BETWEEN STUCCO AND MASONRY.
18. PAINT CONCRETE WATER TABLE AND STAIRS TO MATCH STUCCO.
19. REPOINT MORTAR JOINTS IWTH PORTLAND CEMENT MORTAR - MIX 3.
20. REPOINT MORTAR IN THIS AREA WITH NATURAL CEMENT MORTAR - MIX 2.

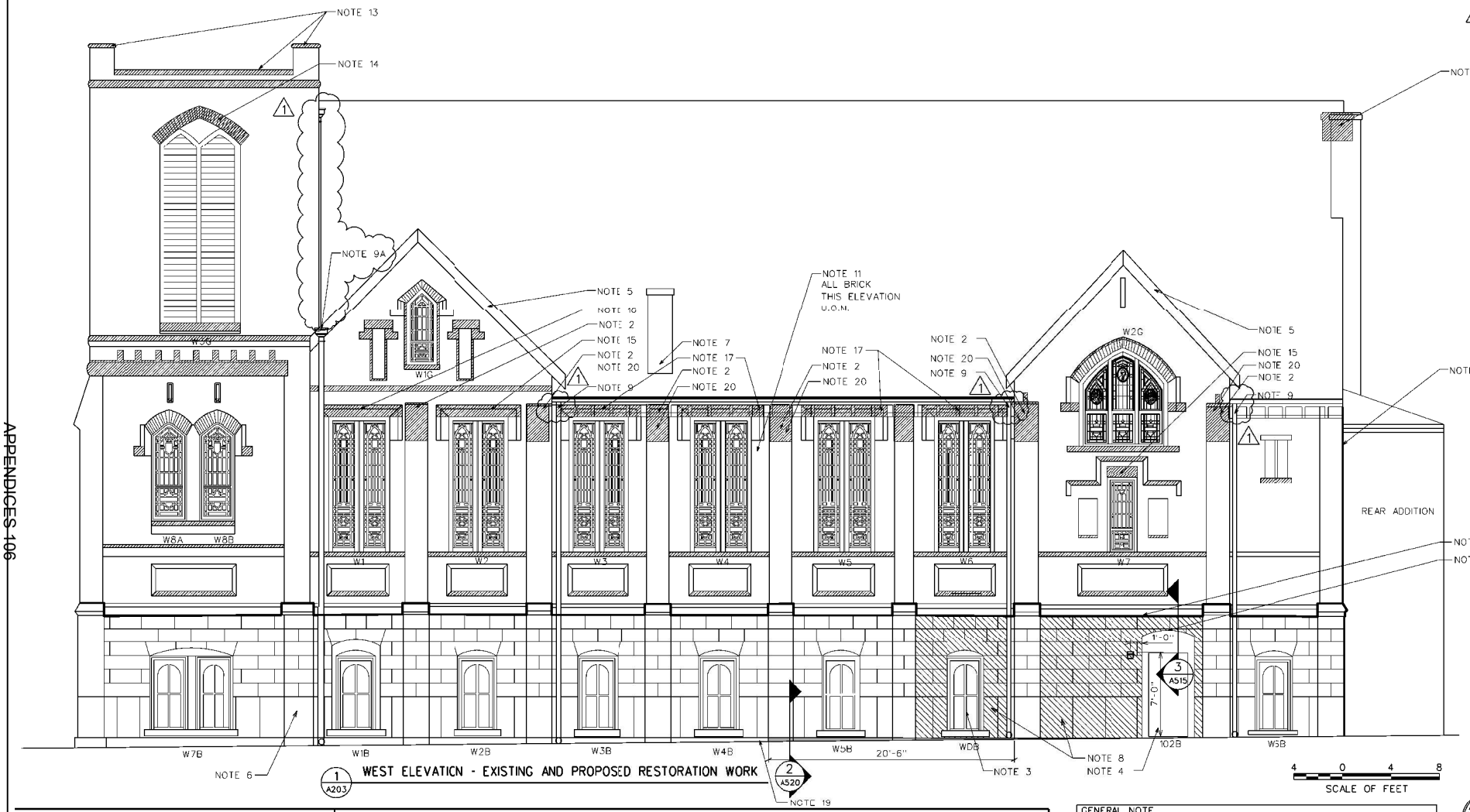
LEGEND
REPOINT 100%
REPAIR STUCCO

4 0 4 8
SCALE OF FEET

STATE OF GEORGIA ANTONIN AECK REGISTERED ARCHITECT

A/E FIRM: PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	DESIGNED: KR DRAWN: KG/JA TECH. REVIEW: ST/TR/MCM DATE: 2005 FEB. 09	SUB SHEET NO. A202	TITLE OF SHEET: NORTH AND SOUTH EXTERIOR ELEVATIONS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO.: 111 SHEET 20 OF 99

APPENDICES 106



WEST ELEVATICN - EXISTING AND PROPOSED RESTORATION WORK

SCALE OF FEET

GENERAL NOTES

A. CLEAN ALL EXTERIOR SURFACES. CLEAN MASONRY SURFACES PER SPECIFICATION SECTION 04900 - MASONRY RESTORATION AND CLEANING.
B. RESTORE AND REPAR ALL EXTERIOR WINDOWS. RESTORE EXTERIOR WOOD SASHES PER SPECIFICATION SECTION 08590 - WINDOW RESTORATION. RESTORE STAINED CLASS PER SPEC. SECTION 08812.
C. ALL HORIZONTAL PROJECTED SURFACES TO RECEIVE PARGE COAT / WASH. SEE 1/A520.
D. REPAIR AND PAINT EXTERIOR EAVES, TRIM AND SOFFITS.
E. SEE A501-A503 FOR ALL DOORS AND WINDOWS

SHEET SPECIFIC NCTES

1. RESTORE CONCRETE WATER TABLE. SEE 2/A520.
2. INSTALL PIGEON DETERRENT DEVICE.
3. REMOVE DOOR AND DOOR FRAME. REBUILD WINDOW, FRAME AND SURROUND TO MATCH W5B.
4. INSTALL NEW EXTERIOR HOLLOW METAL DOOR
5. REPAIR AND PAINT ALL EXTERIOR EAVES AND TRIM.
6. REPAIR STUCCO PER SPEC. SECTION 09220
7. TUCK POINT CHIMNEY. ASSUME 2% REPOINT.
8. REPLACE STUCCO IN HATCHED AREA ONLY.
9. INSTALL NEW GUTTERS AND DOWNSPOUTS.
9A. INSTALL NEW GUTTER, DOWNSPOUT AND CONDUCTOR HEADS.
10. PARTIALLY REBUILD TOP 7 COURSES OF CHIMNEY. USE MORTAR MIX 3.
11. FILL ALL HOLES IN MASONRY AND REPLACE LOOSE MORTAR WITH MORTAR MIX 3. ASSUME 2% REPOINT.
12. INSTALL EXPANSION JOINT BETWEEN REAR ADDITION AND CHURCH. PER 4/A524.
13. SECURE COPING STONES.
14. ADD MORTAR TO FILL JOINT BETWEEN WYTHES WHERE EXPOSED ACROSS TOP OF OPENING AT HEAD.
15. RECONSTRUCT HEAD WITH NEW STEEL LINTEL.
16. TUCK POINT, REPAIR CRACKS AND REPLACE MISSING MORTAR AT LINTEL.
17. CLEAN AND PAINT EXISTING LINTEL, MORTAR JOINT AT TOE OF LINTEL UNDER BRICK. TUCK POINT CRACKS.
18. CAULK JOINT BETWEEN STUCCO AND MASONRY. (PER SPEC 07900)
19. PAINT CONCRETE WATER TABLE TO MATCH STUCCO.
20. PARGE COAT HORIZ. SURFACES.

LEGEND

REPOINT 100%
REPLACE STUCCO

GENERAL NOTE

ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

STATE OF GEORGIA — ANTONIN AECK — REGISTERED ARCHITECT

A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	DESIGNED: KR DRAWN: KG/JA TECH. REVIEW: ST/TR/MCM DATE: 2009 FEB. 09	SUB SHEET NO. A203	TITLE OF SHEET: WEST EXTERIOR ELEVATION EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO. 111 SHEET 28 of 99



1 A201 EAST ELEVATION - EXISTING AND PROPOSED RESTORATION WORK

GENERAL NOTES

A. CLEAN ALL EXTERIOR SURFACES. CLEAN MASONRY SURFACES PER SPECIFICATION SECTION 04900 - MASONRY RESTORATION AND CLEANING.
B. RESTORE AND REPAIR ALL EXTERIOR WINDOWS. RESTORE EXTERIOR WOOD SASHES PER SPECIFICATION SECTION 08590 - WINDOW RESTORATION. RESTORE STAINED GLASS PER SPECIFICATION SECTION 08812 - STAINED GLASS WINDOW RESTORATION.
C. REPAIR AND PAINT EXTERIOR EAVES, TRIM AND SOFFITS.
D. SEE A502 & A503 FOR ALL DOORS AND WINDOWS.
E. HEAVY LINES INDICATE SEPARATION OF MORTAR TYPES.
F. ALL HORIZONTAL PROJECTED SURFACES TO RECEIVE PARGE COAT/WASH.

SHEET SPECIFIC NOTES

1. INSTALL PIGEON DETERRENT DEVICE.
2. REPAIR AND RESTORE STUCCO PER SPEC. SECTION 09220 - STUCCO REPAIR.
3. RESTORE EXISTING SCREENS AND REINSTALL. TYPICAL - SEE A502.
4. INSTALL NEW GUTTERS AND DOWNSPOUTS. TIE INTO NEW PLANTER DRAINAGE SYSTEM.
4A. INSTALL NEW GUTTERS, DOWNSPOUTS & CONDUCTOR HEAD AND TIE INTO NEW PLANTER DRAINAGE SYSTEM.
5. INSTALL NEW EXPANSION JOINT BETWEEN REAR ADDITION AND CHURCH PER 4/A524.
6. SECURE COPING STONES.
7. REMOVE SOFT MORTAR AND TUCK POINT LINTEL. REPAIR ANY CRACKS.
8. RESTORE MORTAR JOINT BETWEEN STUCCO AND MASONRY PER 3/A524.
9. REPOINT MORTAR BELOW LINE WITH LIME MORTAR - MORTAR MIX 1 AS DESCRIBED IN SPEC. SECTION 04065 - MASONRY RESTORATION AND CLEANING.
10. REPOINT MORTAR WITHIN OUTLINED FIELD. ASSUME 2% REPOINTING WITH PORTLAND CEMENT MORTAR - MORTAR MIX 3.
11. REPOINT MORTAR OUTLINED FIELD. ASSUME 2% REPOINTING WITH NATURAL CEMENT MORTAR - MORTAR MIX 2.
12. PROTECT AND MAINTAIN CONNECTOR BRIDGE TO CHRISTIAN EDUCATION BUILDING.
13. NOT USED
14. PARGE COAT ALL HORIZONTAL SURFACES. CLEAN AREA PRIOR TO INSTALLATION.
15. TIE IN NEW DOWNSPOUTS INTO DRAINAGE SYSTEM. SEE PLANTER DRAINAGE REPAIR DWGS.

LEGEND

REPAIR STUCCO

REPOINT 100% WITH COMPATIBLE MORTAR. MORTAR MIX IS NOTED IN EACH AREA.

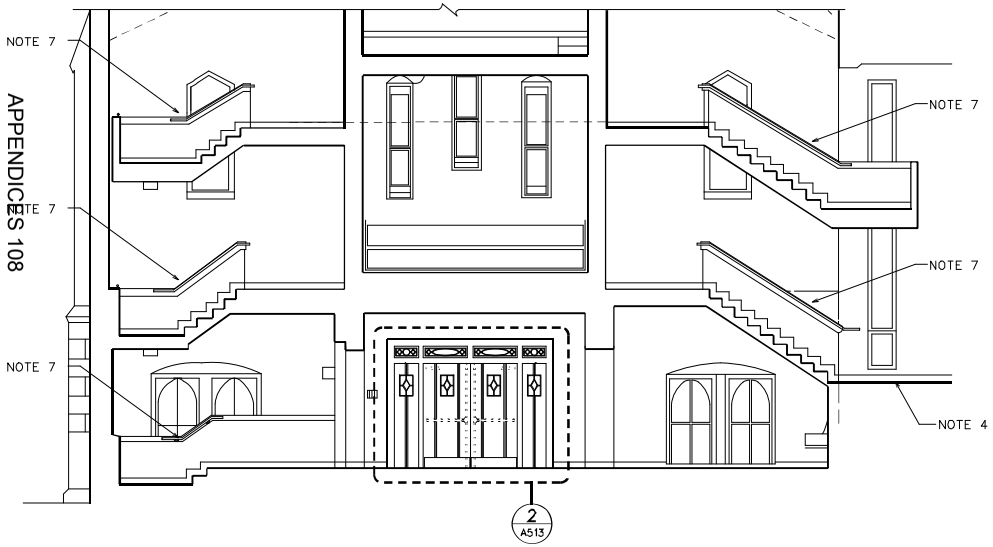
GENERAL NOTE

ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

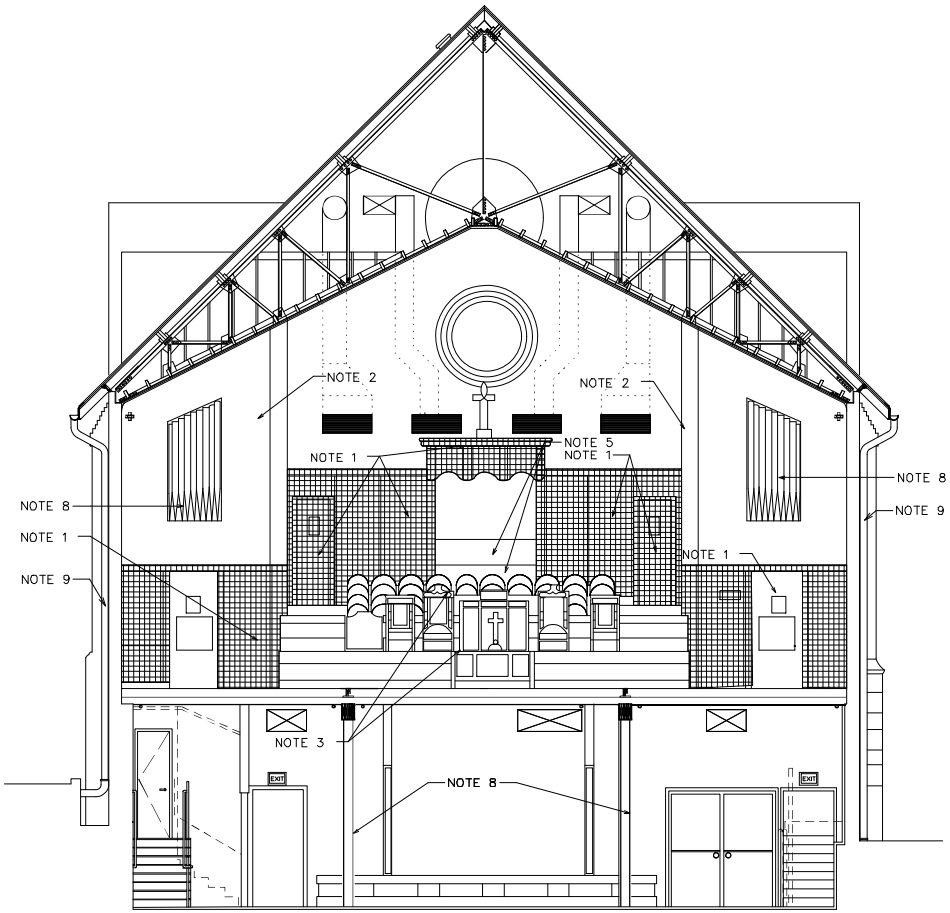
STATE OF GEORGIA · ANTONIN AECK · CERTIFICATE NO. 5045 · REGISTERED ARCHITECT

A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.	DESIGNED: KR	SUB SHEET NO. A204	TITLE OF SHEET: EAST EXTERIOR ELEVATION	DRAWING NO. 489 / 80,032
CONSULTANTS:	DRAWN: KG/JA		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. 111
	TECH. REVIEW: ST/TR/MCM			SHEET 29 of 99
	DATE: 2005 FEB. 09			

APPENDICES 108



1 A205 NORTH CROSS SECTION - EXISTING & PROPOSED RESTORATION WORK



2 A205 SOUTH CROSS SECTION - EXISTING & PROPOSED RESTORATION WORK

4 0 4 8
SCALE OF FEET

MATERIAL KEYNOTES

GENERAL NOTES
A. ALL PLASTER WALLS TO BE RESTORED. SEE SHEETS A601-605.
B. ALL WALLS AND DOOR FRAMES TO BE PAINTED. SEE A510.

SHEET SPECIFIC NOTES
1. ALL LAYERS OF PAINT TO BE REMOVED FROM PANELING, CANOPY AND DOORS. EXISTING WOOD WAINSCOT / TRIM TO BE RESTORED.
2. RESTORE ORGAN AND ORGAN CHAMBER
3. RESTORE PULPIT FURNITURE. CONTACT CONTRACTING OFFICER FOR LOCATION OF PULPIT AND TRIO OF CHAIRS.
4. REPLACE CARPET IN VESTIBULE.
5. REMOVE WALL AND GLASS AT BAPTISMAL POOL.
6. REMOVE EXISTING STEEL PIPE COLUMNS PER STRUCTURAL. RESTORE WOOD COLUMNS
7. INSTALL PAINTED STEEL HANDRAILS AT STAIR.
8. REMOVE DECORATIVE ORGAN PIPES DURING ORGAN CHAMBER RESTORATION AND REINSTALL UPON COMPLETION.
9. INSTALL NEW GUTTERS AND DOWNSPOUTS. TIE INTO EXISTING DRAINAGE SYSTEM.

LEGEND
RESTORE WOOD FINISH

A/E FIRM
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT:

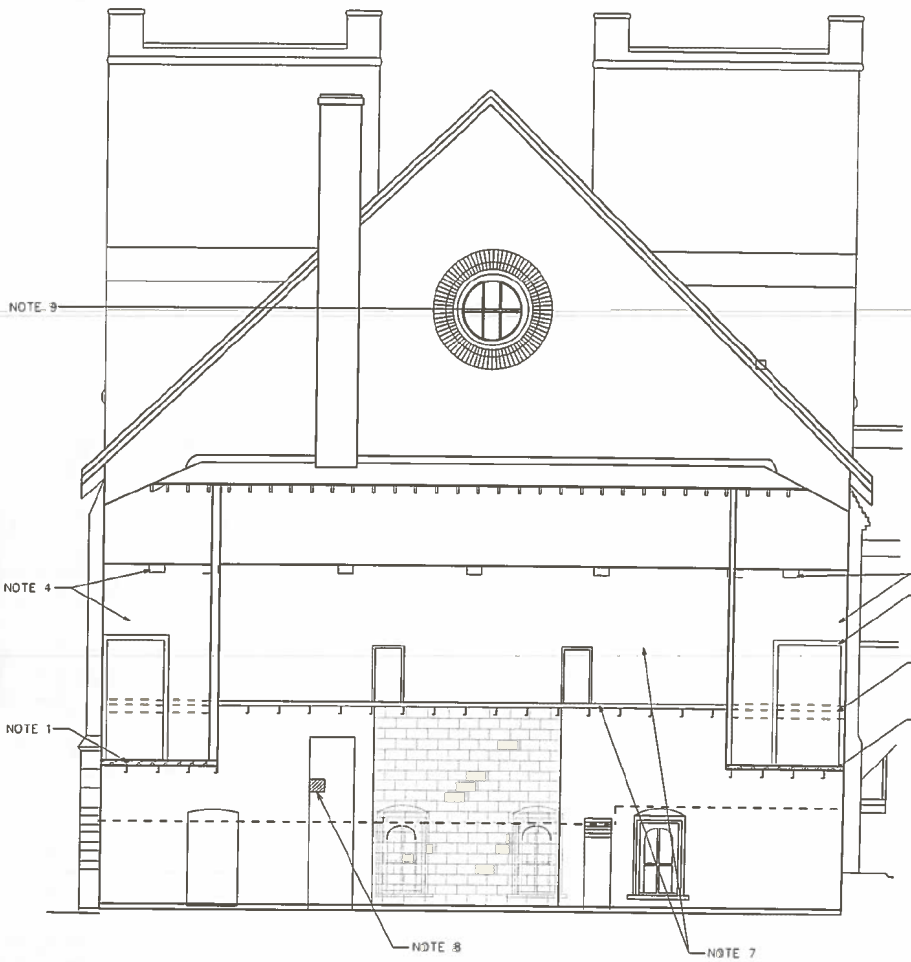
DESIGNED: KR
DRAWN: KG
TECH. REVIEW: ST/TR
DATE: 2004 OCT. 20

SUB SHEET NO. A205

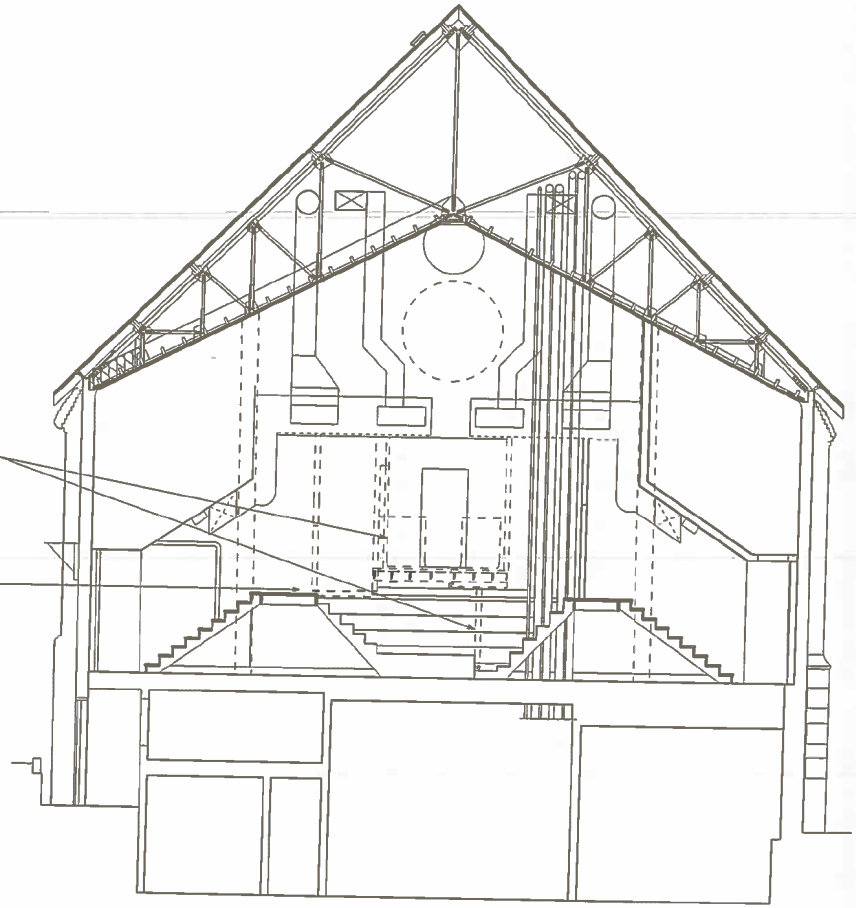
TITLE OF SHEET
BUILDING CROSS SECTIONS
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,033
PKG. NO. 111
SHEET 23 OF 90

UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / SOUTHEAST REGION / ARCHITECTURE DIVISION - 100 ALABAMA STREET SW ATLANTA GA 30303-3104



1 A205 NORTH CROSS SECTION - EXISTING & PROPOSED RESTORATION WORK



2 A206 SOUTH CROSS SECTION - EXISTING & PROPOSED RESTORATION WORK

4 0 4 8
SCALE OF FEET

MATERIAL KEYNOTES

GENERAL NOTES

A. ALL PLASTER WALLS TO BE RESTORED SEE SHEETS A601-605.

B. ALL WALLS AND DOOR FRAMES TO BE PAINTED. SEE A503.

SHEET SPECIFIC NOTES

1. NEW FLOOR. SEE STRUCTURAL.
2. EXISTING FLOOR LEVEL.
3. EXISTING OPENING.
4. PATCH AND REPAIR EXISTING CEILING. RECONFIGURE EXISTING LIGHT FIXTURE.
5. INSTALL NEW WOOD STAIR.
6. CREATE OPENING IN WALL.
7. EXISTING FLOOR AND WALL TO REMAIN AS SHOWN.
8. PATCH MASONRY PER STRUTURAL.
9. REPLACE EXTERIOR WINDOW.
10. REMOVE EXISTING BAPTISTRY.

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:

DESIGNED: KR, KMG
DRAWN: KMG
TECH REVIEW: KR
DATE: 2004 FEB 15

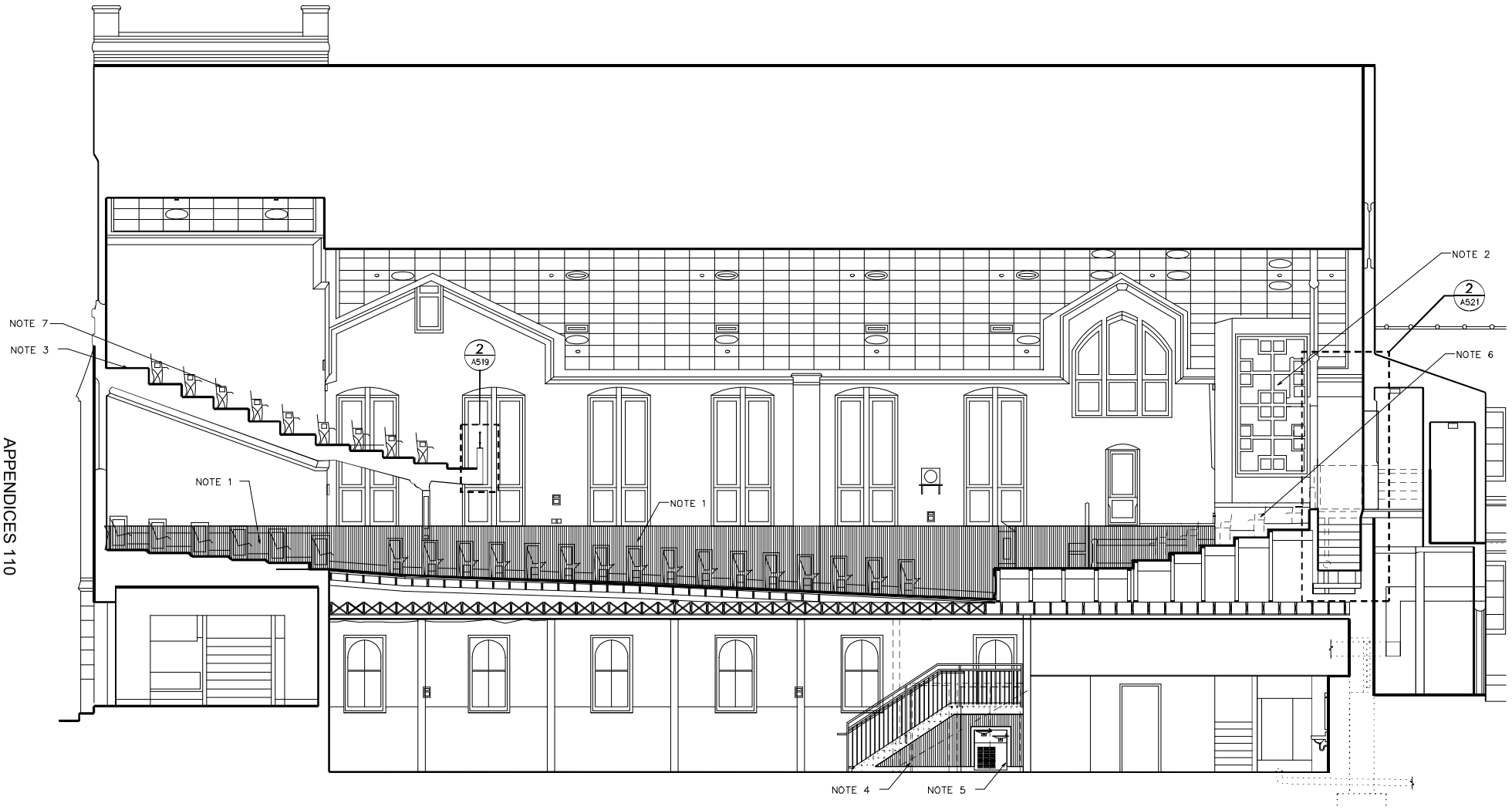
SUB SHEET NO. A206

TITLE OF SHEET
BUILDING CROSS SECTIONS

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 60,020
PHC. NO. —
SHEET 26 OF 84

APPENDICES 110



1 A207 EAST LONGITUDINAL SECTION - EXISTING AND PROPOSED RESTORATION WORK

4 0 4 8
SCALE OF FEET

MATERIAL KEYNOTES

GENERAL NOTES
A. RESTORE ALL PLASTER WALLS. SEE SHEETS A601-A605.
B. PAINT ALL DOOR FRAMES AND WALLS. SEE FINISH SCHEDULE.

SHEET SPECIFIC NOTES
1. REPAIR AND REFINISH EXISTING WAINSCOT AFTER COMPLETE REMOVAL OF GYPSUM BOARD COVERING.
2. RESTORE ORGAN AND ORGAN CHAMBER. SEE SHEETS A309 - A310.
3. RESTORE BALCONY PER STRUCTURAL. REPLACE BALCONY FLOORING. USE AS MUCH EXISTING FLOORING AS POSSIBLE.
4. RECONFIGURE STAIR 002 TO SANCTUARY WITH WOOD FRAMING & PAINTED STEEL HAND RAILS.
5. INSTALL NEW DRINKING FOUNTAIN.
6. REPRODUCE AND INSTALL THEATER STYLE SEATING.
7. RESTORE AND REINSTALL THEATER STYLE SEATING.

LEGEND
RESTORE WAINSCOT

A/E FIRM
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT:

DESIGNED: KR
DRAWN: KG
TECH. REVIEW: ST/TR
DATE: 2004 OCT. 20

SUB SHEET NO. A207

TITLE OF SHEET
BUILDING LONGITUDINAL SECTION
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,033
PKG. NO. 111
SHEET 25
OF 90

UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / SOUTHEAST REGION / ARCHITECTURE DIVISION - 100 ALABAMA STREET SW ATLANTA GA 30303-3104



1 A208 WEST LONGITUDINAL SECTION - EXISTING AND PROPOSED RESTORATION WORK

4 0 4 8
SCALE OF FEET

MATERIAL KEYNOTES

GENERAL NOTES
A. RESTORE ALL PLASTER WALLS. SEE SHEETS A601-A605
B. PAINT ALL WALLS AND DOOR FRAMES. SEE FINISH SCHEDULE.
C. ALL DEMOLITION SHALL FOLLOW SPEC. SECTION 02224 - SELECTIVE DEMOLITION.

SHEET SPECIFIC NOTES
1. REPAIR AND REFINISH EXISTING WAINSCOT AFTER COMPLETE REMOVAL OF GYPSUM BOARD COVERING.
2. RESTORE ORGAN AND ORGAN CHAMBER.
3. SEE STRUCTURAL FOR BALCONY RESTORATION. BALCONY FLOORING TO BE REPLACED. USE AS MUCH EXISTING MATERIAL AS POSSIBLE. REINSTALL RESTORED SEATING.
4. INSTALL NEW HANDICAP LIFT AND WOOD STAIR
5. INSTALL NEW LATTICE GRILLE FOR THE ANTIPHONAL.
6. REMOVE EXISTING DOOR AND INSTALL NEW WINDOW. WINDOW TO MATCH EXISTING FELLOWSHIP HALL WINDOWS. SEE A510.
7. REMOVE EXISTING WOOD STAIRS AND CONCRETE FLOOR.
8. INSTALL NEW WALL AND ACCESS DOOR. SEE A503 FOR DOOR SCHEDULE.
9. KEEP STEP LADDER INSIDE THE STORAGE AREA.
10. EXISTING DOOR TO TOWER TO REMAIN.
11. PROTECT AND MAINTAIN EXISTING OPENING, LIGHTFIXTURES, AND STAIRS. SEE FINISH SCHEDULE FOR SURFACE TREATMENT.

A/E FIRM
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT:

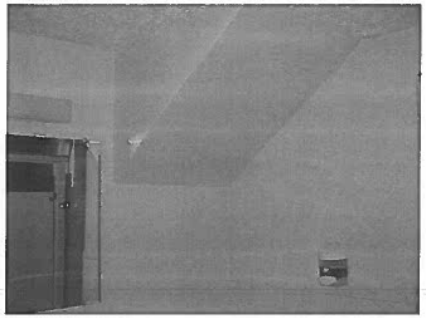
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DRAWN: KG
TECH. REVIEW: ST/TR
DATE: 2004 OCT. 20

SUB SHEET NO. A208

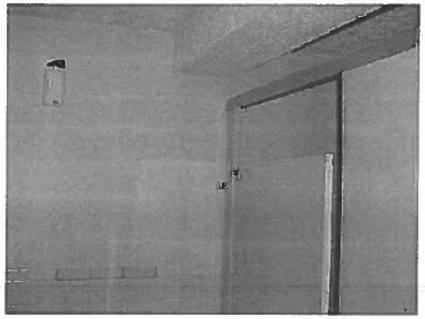
TITLE OF SHEET
BUILDING LONGITUDINAL SECTION
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,033
PKG. NO. 111
SHEET 26 OF 90

UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / SOUTHEAST REGION / ARCHITECTURE DIVISION - 100 ALABAMA STREET SW ATLANTA GA 30303-3104



1 A301 WOMEN'S TOILET - VIEW LOOKING NORTH EAST



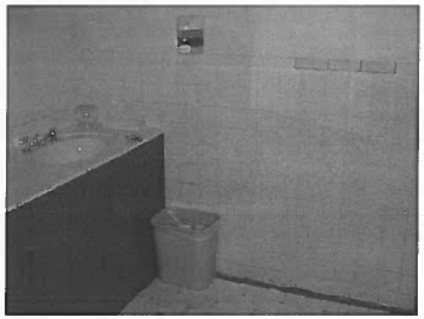
2 A301 WOMEN'S TOILET - VIEW LOOKING SOUTH EAST



3 A301 MEN'S TOILET - SINK



5 A301 URINAL AND TOILET STALL



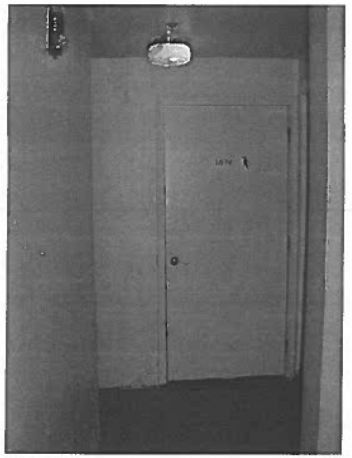
6 A301 WOMEN'S TOILET - VIEW LOOKING NORTH EAST



7 A301 WOMEN'S TOILET - VIEW LOOKING SOUTH



8 A301 STAIR 001



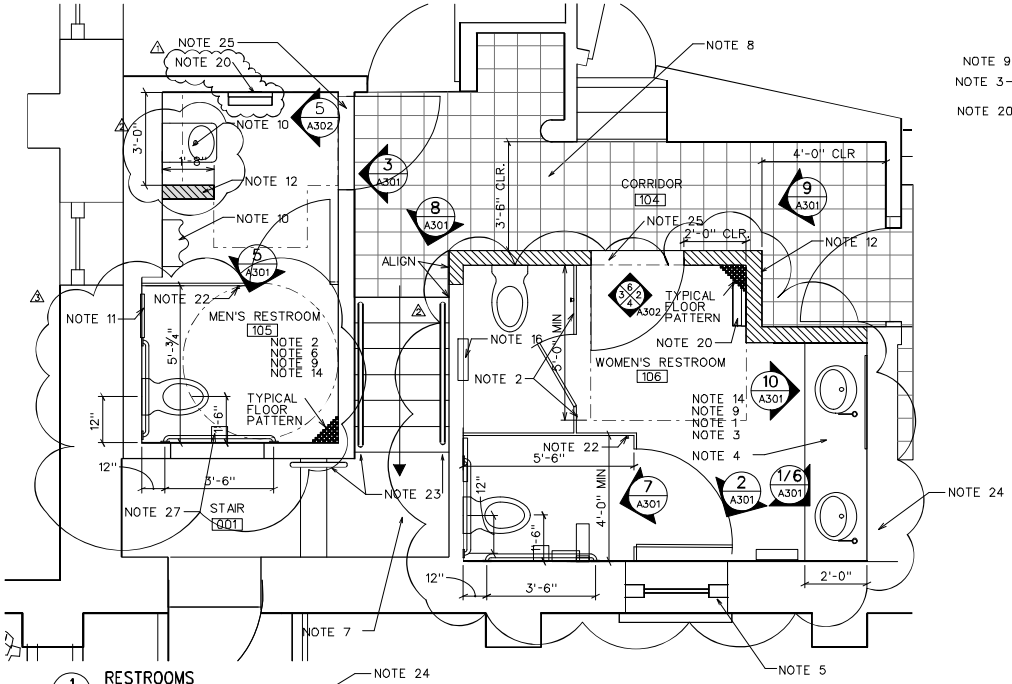
9 A301 CORRIDOR 104 - VIEW SOUTH

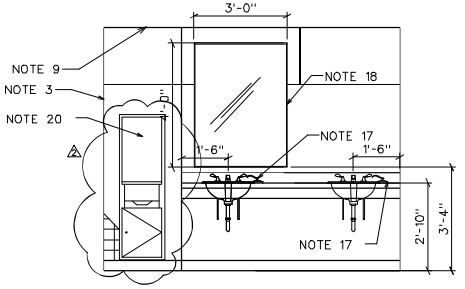


10 A301 WOMEN'S RESTROOM

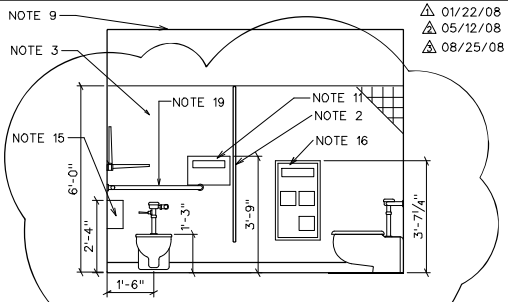
A/E FIRM: PRIME: LORD, AECK & SARGENT ATLANTA GA; CONSULTANT:	DESIGNED: KR, KMG; DRAWN: KMG; TECH REVIEW: KR; DATE: 2004 FEB 16	SUB SHEET NO.: A301	TITLE OF SHEET: RESTROOM PHOTOGRAPHS; EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO.: 489 80,020; PKG. NO.: —; SHEET: 29 OF 84

APPENDICES 113

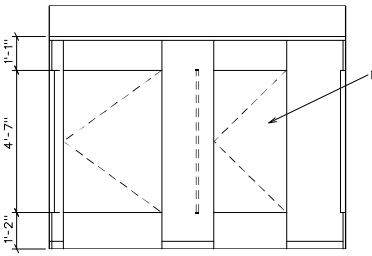




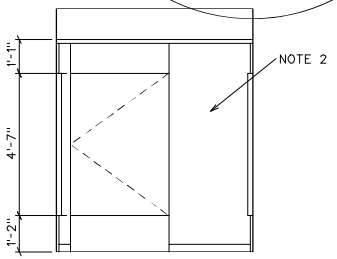
2 A302 WOMEN'S RESTROOM NORTH ELEVATION



3 A302 WOMEN'S RESTROOM SOUTH ELEVATION

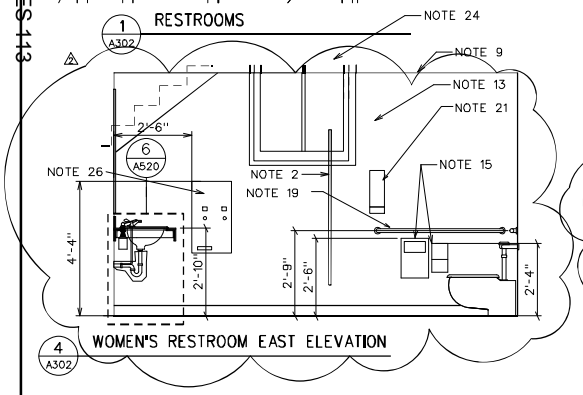


7 A302 WOMEN'S RESTROOM PARTITION ELEVATION

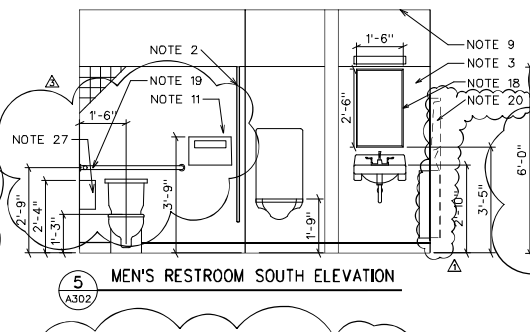


8 A302 MEN'S RESTROOM PARTITION ELEVATION

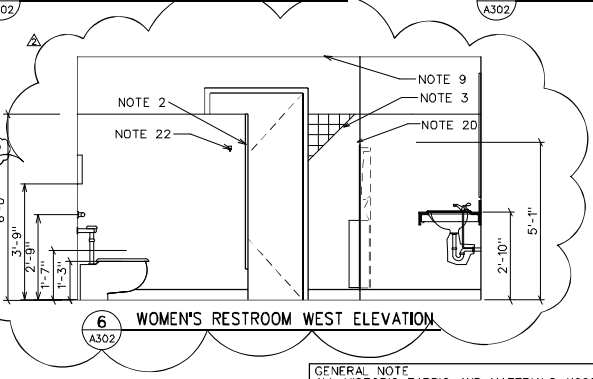
1 A302 RESTROOMS



4 A302 WOMEN'S RESTROOM EAST ELEVATION



5 A302 MEN'S RESTROOM SOUTH ELEVATION



6 A302 WOMEN'S RESTROOM WEST ELEVATION

LEGEND
INSTALL NEW WALL.
2 0 2 4
SCALE OF FEET

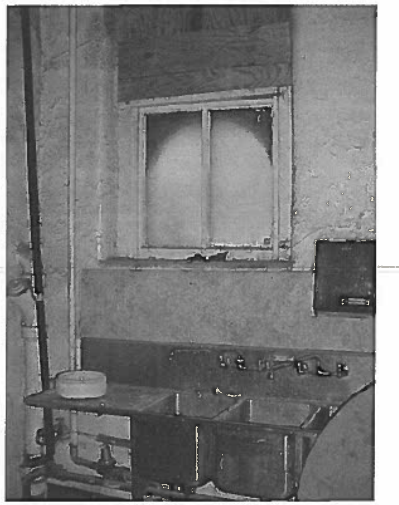
GENERAL NOTES
A. ALL TOILET ACCESSORIES LISTED ARE BASIS FOR DESIGN. EQUIVALENT PRODUCTS MAY BE USED. SEE SPECIFICATIONS FOR EQUIVALENCY REQUIREMENTS.
B. SEE A501 FOR FINISH SCHEDULE.

SHEET SPECIFIC NOTES
1. REMOVE EXISTING FIXTURES. NEW VITREOUS CHINA TOILET AND SINKS TO COMPLY WITH ADA REQUIREMENTS.
2. TOILET PARTITIONS, FLOOR MOUNTED W/HEADRAILS.
3. INSTALL CERAMIC TILE WAINSCOT TO 6'-0"A.F.F.
4. INSTALL SOLID SURFACE COUNTER TOP.
5. RESTORE WINDOW. SEE A505.
6. RELOCATE TOILET TO MEET ADA REQUIREMENTS. INSTALL NEW FLOOR TILE IN LIMITED AREA.
7. REPAIR AND REFINISH WOOD STAIRS. SEE SPECIFICATION SECTIONS 09560 AND 09561.
8. INSTALL NEW RESILIENT TILE.
9. INSTALL NEW GYPSUM BOARD CEILING. SEE A401.
10. PROTECT EXISTING FIXTURE TO REMAIN.
11. INSTALL SURFACE MOUNTED SEAT-COVER DISPENSER, MODEL B-221 OF BOBRICK WASHROOM EQUIPMENT, INC.
12. NEW WALL.
13. RESTORE EXISTING PLASTER AND FINISH PER A501.
14. NEW FLOOR TILE TO BE 2X2 PORCELAIN TILE - THIN SET.
15. INSTALL SANITARY NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER, MODELS B-254 AND B-2888 OF BOBRICK WASHROOM EQUIPMENT, INC.
16. INSTALL RECESSED SEAT COVER DISPENSER, SANITARY NAPKIN DISP. & TOLIET TISSUE DISPENSER, MODEL B-3574 OF BOBRICK WASHROOM EQUIPMENT, INC.
17. INSTALL LAVATORY MOUNTED SOAP DISPENSER, MODEL B82216 OF BOBRICK WASHROOM EQUIPMENT, INC..
18. INSTALL MIRROR WITH STAINLESS STEEL ANGLE FRAME, SERIES B-290 OF BOBRICK WASHROOM EQUIPMENT, INC..
19. INSTALL 1-1/4" DIAMETER STAINLESS STEEL GRAB BARS WITH EXPOSED MOUNTING, SERIES B-490 OF BOBRICK WASHROOM EQUIPMENT, INC.
20. INSTALL RECESSED CONVERTIBLE PAPER TOWEL DISPENSER/WASTE RECEPTACLE, BOBRICK B-3944.
21. INSTALL FOLDING UTILITY SHELF, MODEL B-287 OF BOBRICK WASHROOM EQUIPMENT, INC.
22. INSTALL STAINLESS STEEL CLOTHES HOOK, MODEL B-233 OF BOBRICK WASHROOM EQUIPMENT, INC. AT 48" A.F.F.
23. CLEAN, REPAIR AND PAINT EXISTING HANDRAILS.
24. PROTECT AND MAINTAIN STAIR ABOVE.
25. INSTALL MARBLE THRESHOLD. SEE 2/A515.
26. INSTALL B-435009 SANITARY NAPKIN/TAMPON DISPENSER OF BOBRICK WASHROOM EQUIPMENT, INC.
27. INSTALL TOILET TISSUE DISPENSER MODEL B-2888 OF BOBRICK WASHROOM EQUIPMENT, INC.

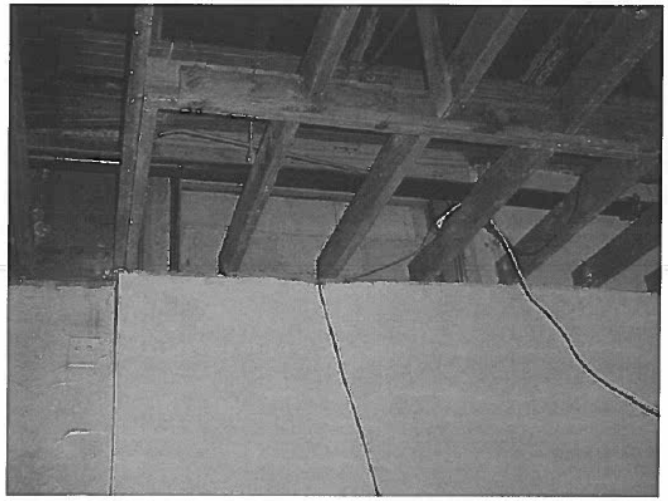
GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

STATE OF GEORGIA · ANTONIN AECK · CERTIFICATE NO. 15961 · REGISTERED ARCHITECT

A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	DESIGNED: KR DRAWN: KG/JA TECH. REVIEW: ST/TR/MCM DATE: 2005 FEB. 09	SUB SHEET NO. A302	TITLE OF SHEET: 1ST LEVEL-PROPOSED ADAPTIVE REUSE WORK PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO. 111 SHEET 35 OF 99



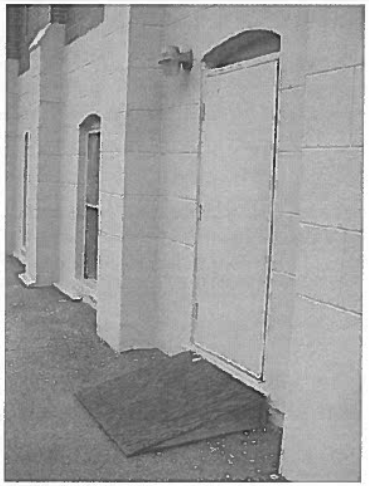
1 A303 EXISTING WINDOW W6B FROM INTERIOR



2 A303 EXISTING OPENING W8B FROM INTERIOR

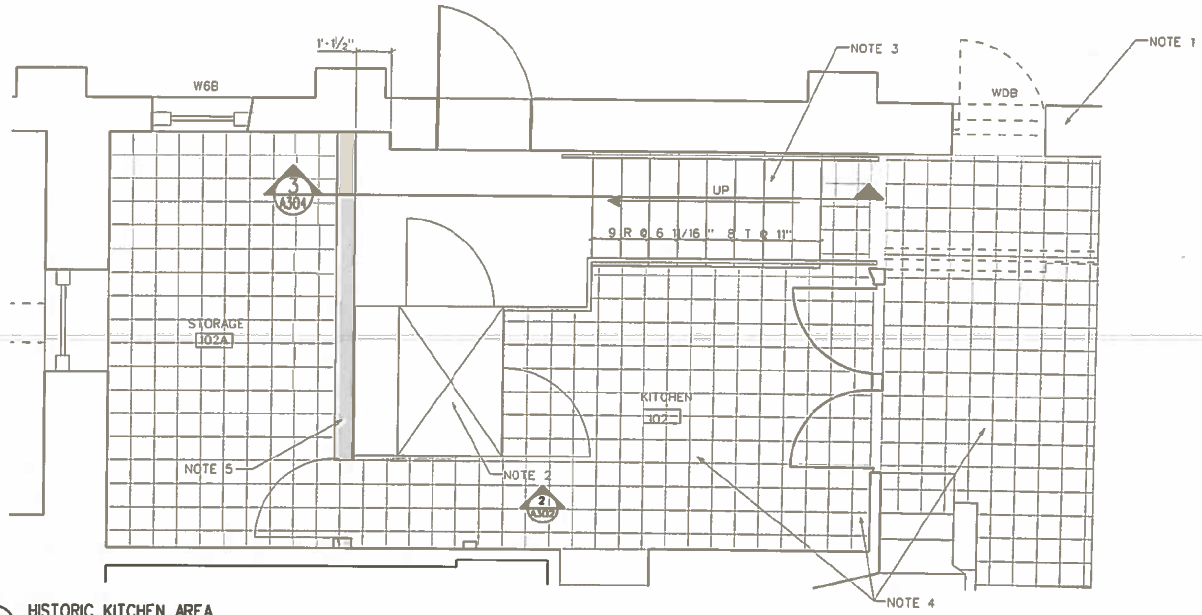


3 A303 EXISTING LIGHT FIXTURE ABOVE CEILING

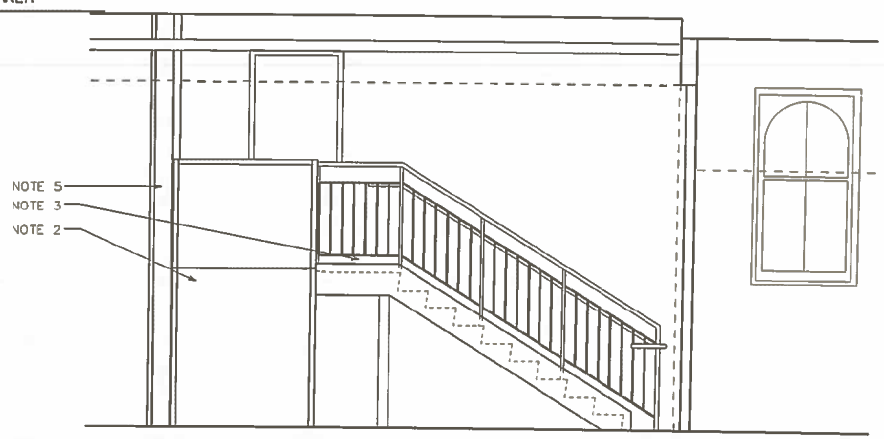


4 A303 EXISTING DOOR AT OPENING WDB

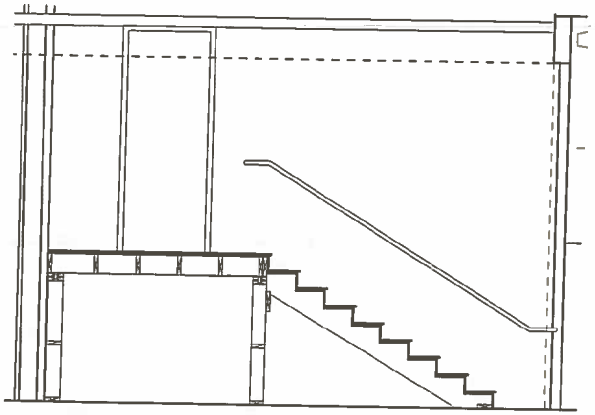
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT:	DESIGNED: KR, KMG DRAWN: KMG TECH REVIEW: KR DATE: 2004 FEB 16	SUB SHEET NO: A303	TITLE OF SHEET: EXISTING KITCHEN PHOTOGRAPHS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO: 489 80,020 PROJ. NO: — SHEET: 31 OF 84	



1/A304 HISTORIC KITCHEN AREA



2/A304 ELEVATION-HISTORIC KITCHEN AREA



3/A304 SECTION - NEW STAIR

2 0 2 4
SCALE OF FEET

MATERIAL KEYNOTES	GENERAL NOTES

SHEET SPECIFIC NOTES

1. REMOVE AND REPLACE EXISTING DOOR WITH A REPLICATION WINDOW. SEE WINDOW "WDB ON WINDOW SCHEDULE.
2. INSTALL NEW HANDICAP LIFT. DESIGN BASED ON CARAVENTA GENESIS OPAL MODEL 90 DEGREE CONFIGURATION. LIFT WILL REQUIRE 3" PIT. SAWCUT EXISING CONCRETE FLOOR IN PIT LOCATION.
3. INSTALL NEW WOOD STAIR AND RAMP. HANDRAILS TO BE PAINTED STEEL.
4. INSTALL NEW RESILIENT TILE FLOORING
5. CONSTRUCT WALL WITH 2X6 WOOD STUDS. BLOCK FOR LIFT SUPPORT PER MANUFACTURER.

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANTS:

DESIGNED: KR, KMG
DRAWN: KMG
REVIEWED: KR
DATE: 2004 FEB 16

SUB SHEET NO. A304

TITLE OF SHEET: 1ST LEVEL-PROPOSED ADAPTIVE REUSE WORK PLAN
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

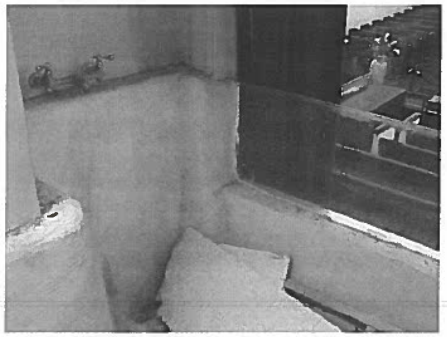
DRAWING NO. 489 80,020
PROJ. NO.
SHEET 32 of 84



1 A305 BAPTISMAL POOL - VIEW WEST



2 A305 BAPTISMAL POOL - VIEW WEST



3 A305 BAPTISMAL POOL - VIEW WEST



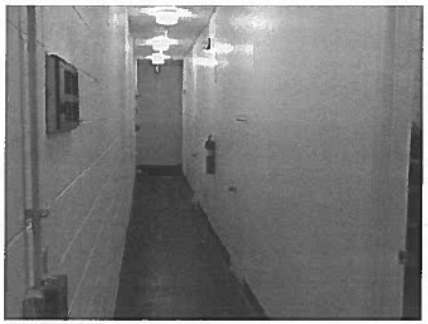
4 A305 BAPTISMAL POOL - VIEW EAST



5 A305 REAR ADDITION STAIR 007 TO BE REMOVED



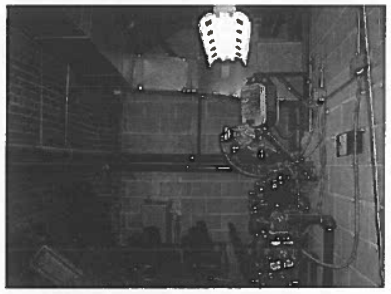
6 A305 VIEW NORTH FROM TOP OF STAIR 007



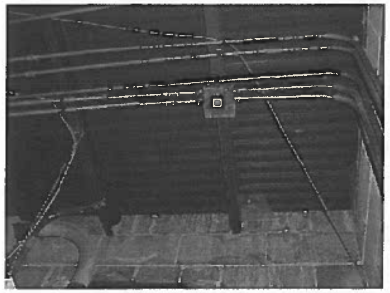
7 A305 CORRIDOR 208 - VIEW WEST



8 A305 STORAGE 109 - VIEW WEST



9 A305 STORAGE 109 - VIEW EAST



10 A305 STORAGE 109 EXISTING CEILING/FLOOR



11 A305 ELECTRICAL CONDUITS TO BE ALTERED

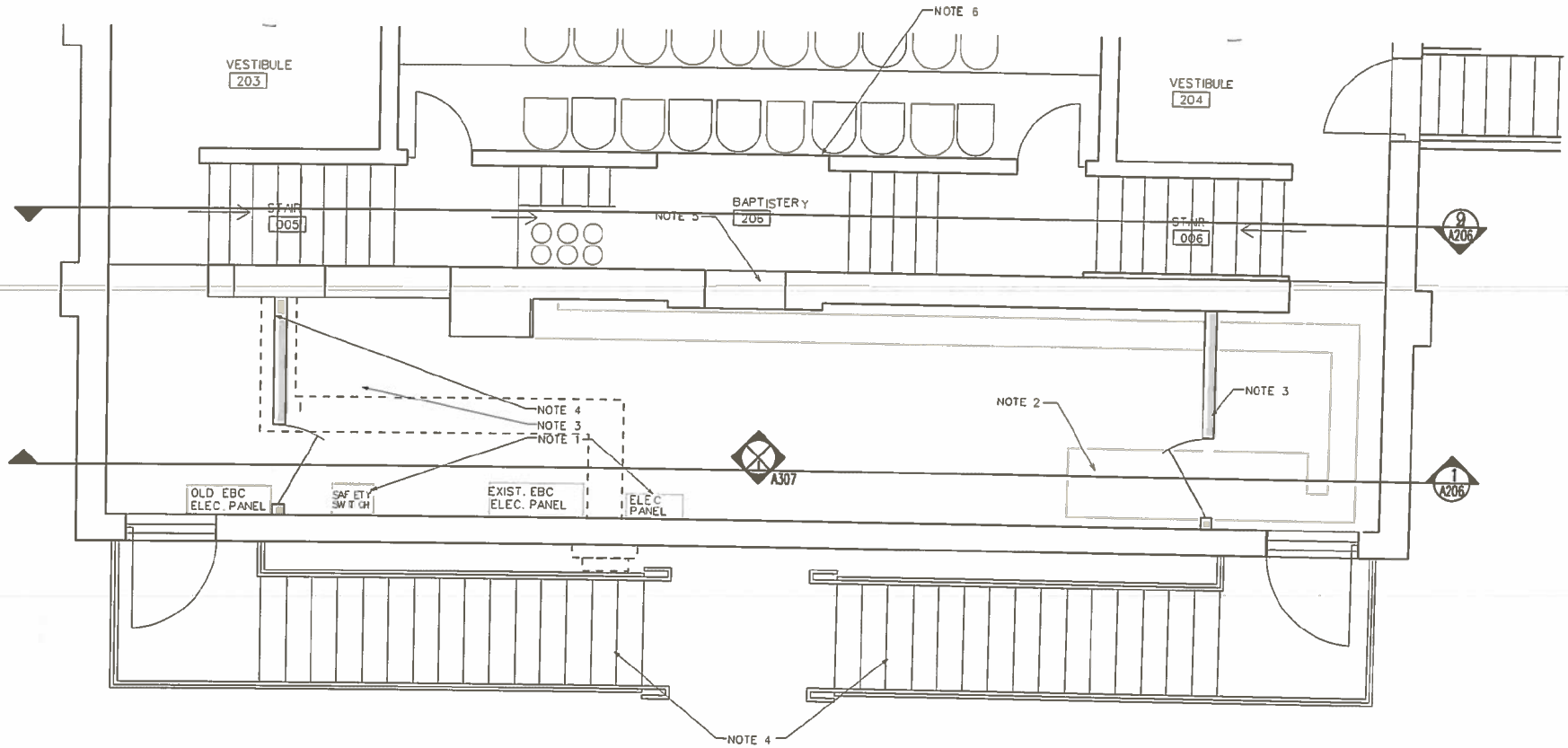


12 A305 VIEW EAST - STORAGE 109



13 A305 REAR ADDITION FROM PARKING

A/E FIRM: PRIME: LORD, AECK & SARGENT ATLANTA GA; CONSULTANT	DESIGNED: KR, KMG; DRAWN: KMG; TECH REVIEW: KR; DATE: 2004 FEB 16	SUB SHEET NO.: A305	TITLE OF SHEET: EXISTING REAR ADDITION PHOTOGRAPHS; EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO.: 489 80,020; PROJ. NO.: —; SHEET: 33 OF 84



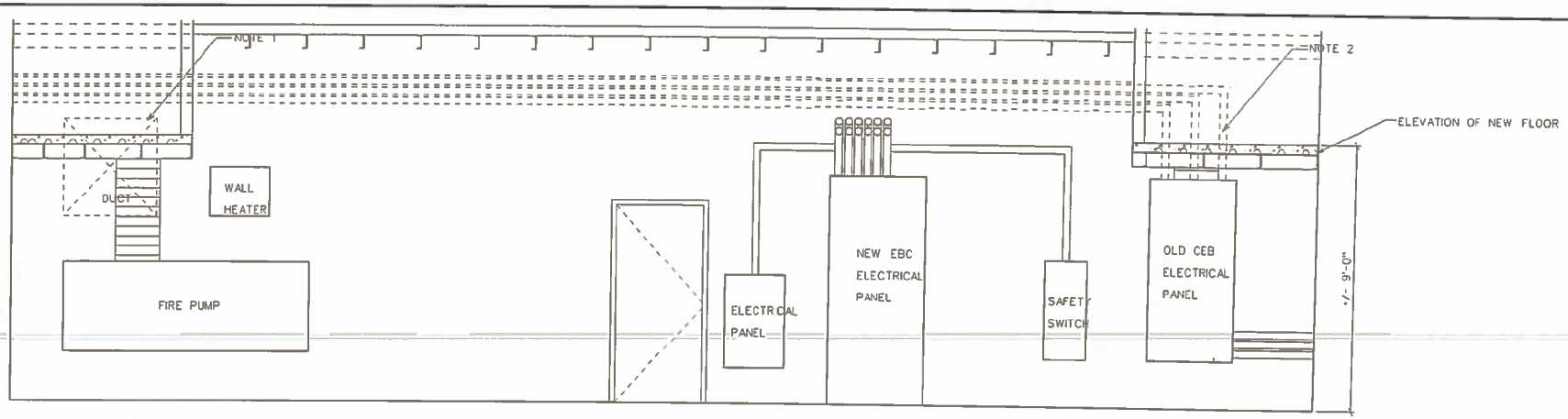
1 A306 1968-1970 REAR ADDITION

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES
		1. EXISTING ELECTRICAL EQUIPMENT BELOW FLOOR AT FIRST LEVEL TO REMAIN. 2. EXISTING FIRE PUMP BELOW FLOOR AT FIRST LEVEL TO REMAIN. 3. NEW WALL AT SANCTUARY LEVEL. 4. NEW EXTERIOR STEEL STAIR. 5. EXISTING BAPTISTERY PAINTING TO BE REPRODUCED. EXISTING PAINTING TO BE ARCHIVED AND COPY TO BE POSITIONED ON SMALLER BOARD IN REAR OF BAPTISTERY. 6. BAPTISTRY GLASS TO BE REPLACED. 7. ELECTRICAL CONDUITS FROM

LEGEND
- - - - - - TO BE REMOVED

2 0 2 4
SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:
DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16
SUB SHEET NO. A306
TITLE OF SHEET: 1ST LEVEL-PROPOSED ADAPTIVE REUSE WORK PLAN
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE
DRAWING NO. 489 80,020
PROJ. NO.
SHEET 34 84



1 A304 VESTIBULE SOUTH ELEVATION

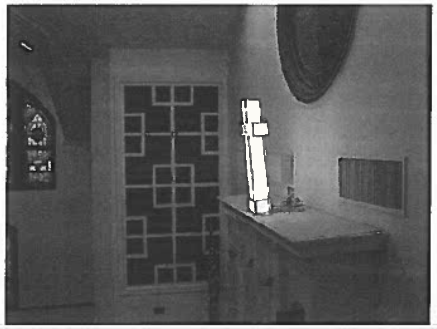
APPENDICES 118

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES
		1. RECONFIGURE DUCT AT OPENING PER 1/M101. 2. RECONFIGURE ELECTRICAL PER E101.

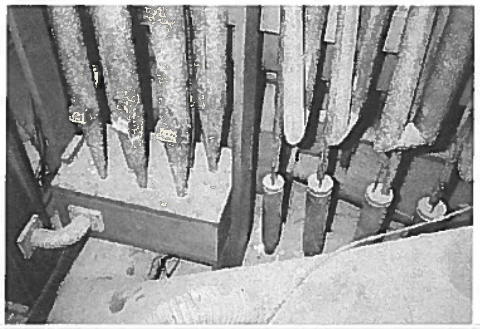
A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
LORD, AECK & SARGENT ATLANTA GA	KR, KMG	A307	INTERIOR ELEVATION	489 80,020
CONSULTANTS	DRAWN KMG		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PRJ. NO. — SHEET 35
	TECH REVIEW KR			— — OF 85
	DATE 2004 FEB 16			



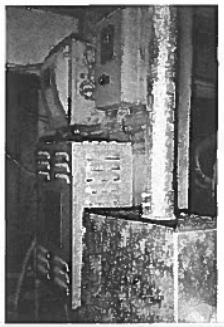
1 A308 ANTIPHONAL FROM BALCONY



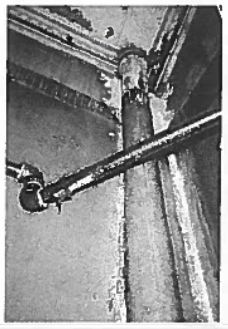
2 A308 EAST ORGAN CHAMBER



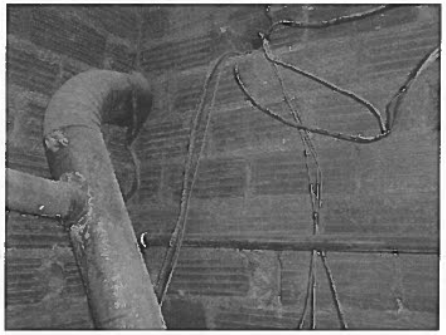
3 A308 ORGAN



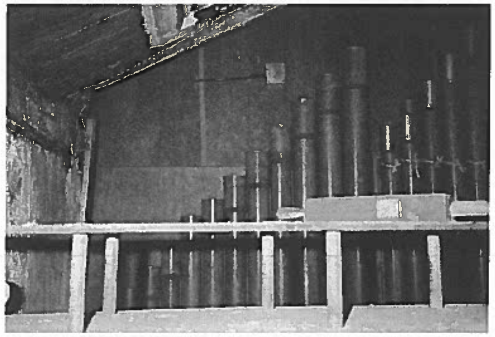
4 A308 ELECTRICAL EQUIP. IN BLOWER ROOM



5 A308 SOUTH EAST CORNER OF EAST ORGAN CHAMBER



6 A308 ANTIPHONAL - SOUTH WALL



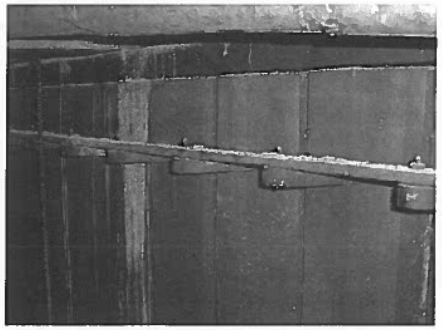
7 A308 WEST ORGAN CHAMBER - VIEW NORTH



8 A308 WEST ORGAN CHAMBER VIEW WEST AT CEILING



9 A308 WEST ORGAN CHAMBER - CEILING



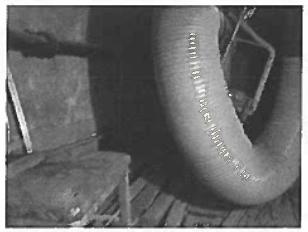
11 A308 ANTIPHONAL LOUVERS FROM WITHIN ANTIPHONAL



12 A308 EAST ORGAN CHAMBER - EAST WALL



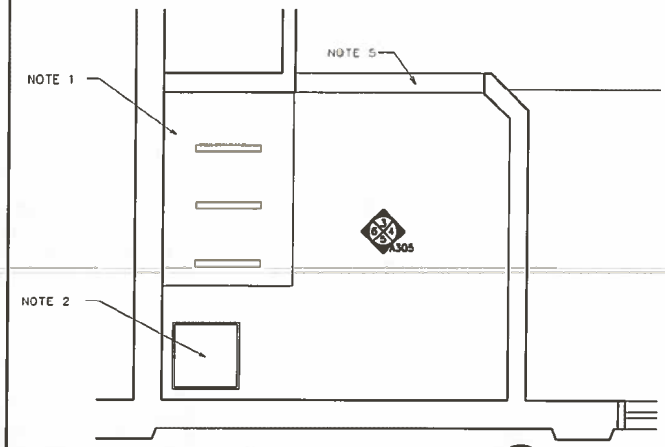
13 A308 BLOWER SPACE - NORTH WALL



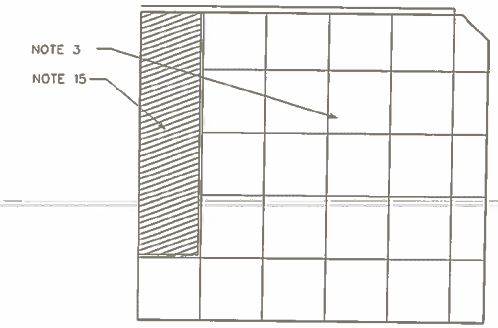
14 A308 BLOWER SPACE - SOUTH WALL

APPENDICES 119

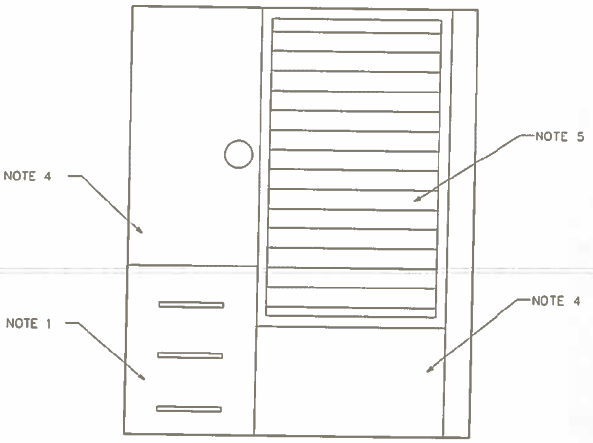
A/E FIRM: PRIME: LORD, AECK & SARGENT ATLANTA GA; CONSULTANT:	DESIGNED: KR, KMG; DRAWN: KMG; TECH REVIEW: KR; DATE: 2004 FEB 16	SUB SHEET NO. A308	TITLE OF SHEET: EXISTING ORGAN & ANTIPHONAL SPACE PHOTOGRAPHS; EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,020; PKG NO. —; SHEET 36 OF 84



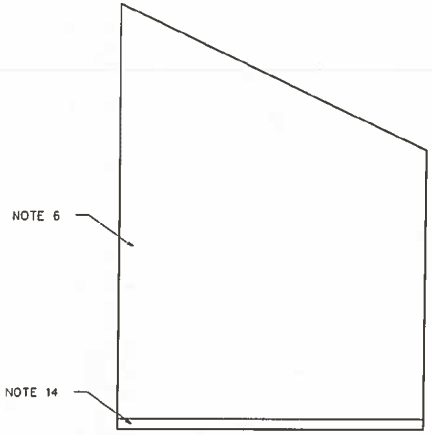
1 A309 PLAN - EAST ORGAN CHAMBER



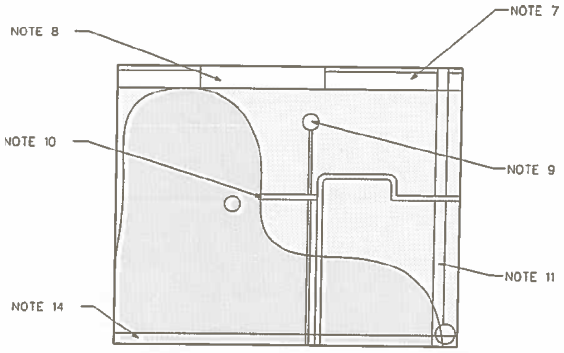
2 A309 REFLECTED CEILING PLAN - EAST ORGAN CHAMBER



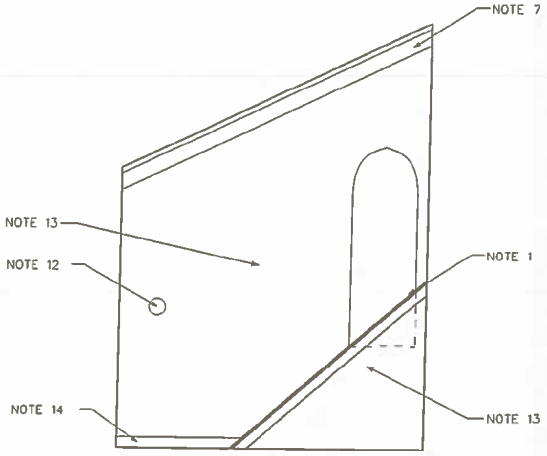
3 A309 WEST ELEVATION - EAST ORGAN CHAMBER



4 A309 NORTH ELEVATION - EAST ORGAN CHAMBER



5 A309 EAST ELEVATION - EAST ORGAN CHAMBER



6 A309 SOUTH ELEVATION - EAST ORGAN CHAMBER

2 0 2 4
SCALE OF FEET

MATERIAL KEYNOTES

GENERAL NOTES

A. CLEAN RUBBISH FROM ORGAN CHAMBER AFTER ORGAN IS REMOVED BY ORGAN CONTRACTOR.

B. ALL SURFACES TO BE SECURED TO STRUCTURE.

SHEET SPECIFIC NOTES

1. EXISTING WOODEN RAMP TO REMAIN.
2. INSTALL NEW WOOD ACCESS DOOR.
3. SECURE REMAINING TIN PANELS. PAINT CEILING. ADD GYP. BOARD AT EXPOSED WOOD ROOF DECKING.
4. EXISTING 1/4" PLYWOOD TO REMAIN.
5. EXISTING WOODEN LOUVERS TO BE CAREFULLY REMOVED FOR REMOVAL OF ORGAN AND PIPES.
6. REMOVE 1/4" PLYWOOD AND REPLACE W/ 3/4" GWB SECURE TO STRUCTURE.
7. EXISTING TIN CORNICE TO REMAIN. SECURE TO STRUCTURE. PAINT.
8. CORNICE PIECE MISSING EXPOSING THE BRICK BEHIND.
9. EXISTING LIGHT FIXTURE TO REMAIN.
10. EXISTING SPRINKLER PIPE HOLE.
11. 4" CAST IRON PIPE.
12. EXISTING CABLE TO REMAIN
13. FILL & PATCH PLASTER WALLS PER 09210 - PLASTER REPAIR. PAINT WALLS.
14. 1" X 4" BASE TRIM. PAINT.
15. NEW GYP. BOARD CEILING WITH REGLET AT EDGE.

LEGEND

SEE A601-A605 FOR PLASTER NOTES.

- REPAIR PLASTER - CRITICAL
- REPAIR PLASTER - SERIOUS
- INSTALL GYP. BOARD WITH FINISHING STRIP AT EDGES

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA

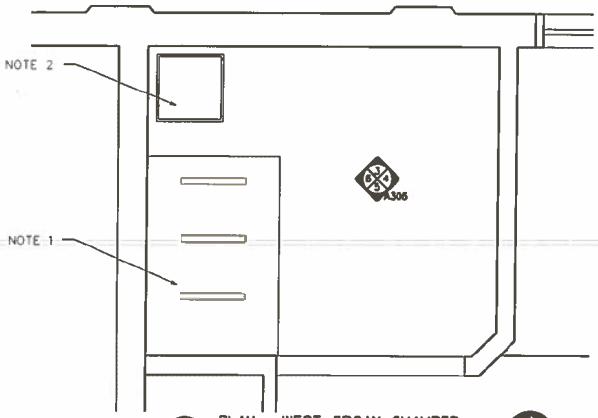
CONSULTANT:

DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16

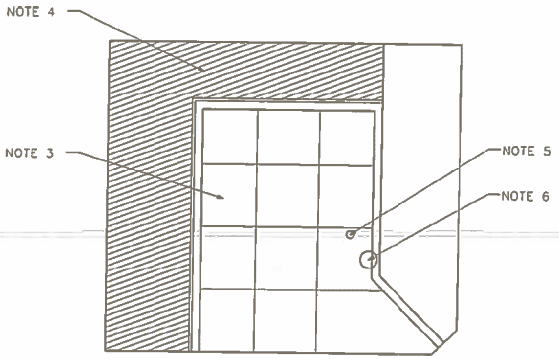
SUB SHEET NO. A309

TITLE OF SHEET
EXISTING AND PROPOSED EAST ORGAN CHAMBER
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

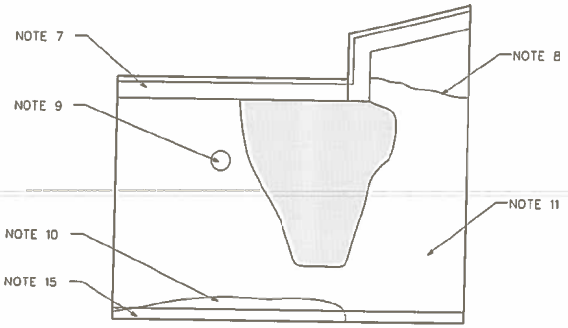
DRAWING NO. 489 80,020
PROJ. NO. —
SHEET 37 OF 84



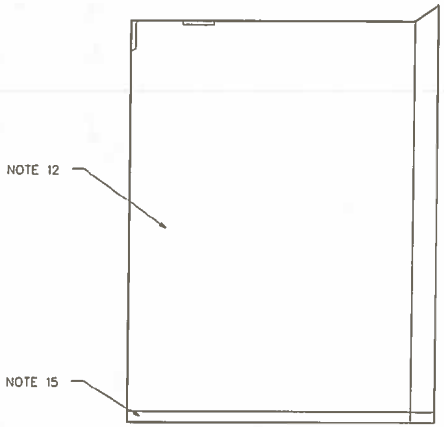
1 A310 PLAN - WEST ORGAN CHAMBER



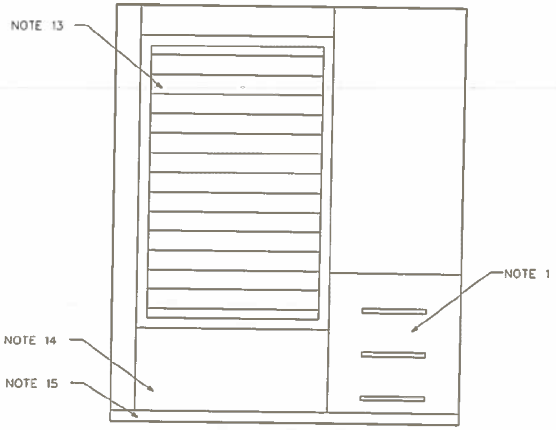
2 A310 REFLECTED CEILING PLAN - WEST ORGAN CHAMBER



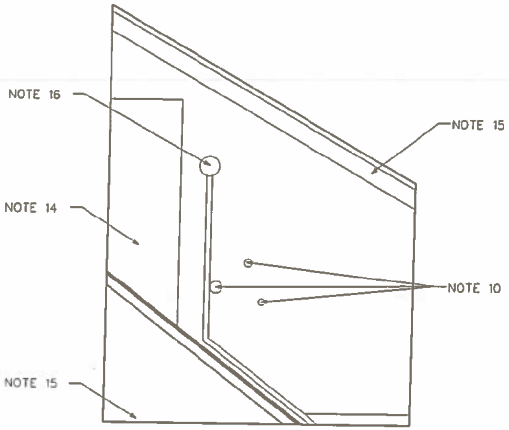
3 A310 WEST ELEVATION - WEST ORGAN CHAMBER



4 A310 NORTH ELEVATION - WEST ORGAN CHAMBER



5 A310 EAST ELEVATION - WEST ORGAN CHAMBER



6 A310 SOUTH ELEVATION - WEST ORGAN CHAMBER

2 0 2 4
SCALE OF FEET

MATERIAL KEYNOTES

GENERAL NOTES
A. CLEAN RUBBISH FROM ORGAN CHAMBER AFTER ORGAN IS REMOVED BY ORGAN CONTRACTOR
B. ALL SURFACES TO BE SECURED TO STRUCTURE.

SHEET SPECIFIC NOTES
1. EXISTING WOODEN RAMP TO REMAIN.
2. INSTALL NEW WOOD ACCESS DOOR.
3. SECURE REMAINING TIN PANELS TO STRUCTURE. PAINT CEILING.
4. COVER EXPOSED WOOD DECKING W/ 5/8" GWB. FINISH EDGES WITH (FRY REGLET, END CAP EDGING)
5. EXISTING SPRINKLER HEAD TO REMAIN.
6. EXISTING LIGHT FIXTURE TO REMAIN.
7. SECURE EXISTING TIN CORNICE TO STRUCTURE.
8. REPAIR CRACK IN PLASTER.
9. EXISTING LIGHT FIXTURE TO REMAIN
10. REPLACE MISSING PLASTER. PAINT.
11. REPAIR MINOR HOLES AND CRACKING IN PLASTER.
12. REMOVE 1/4" PLYWOOD & REPLACE WITH 3/4" GYP. BOARD. SECURE TO STRUCTURE.
13. EXISTING WOODEN LOUVERS TO BE CAREFULLY REMOVED PRIOR TO ORGAN.
14. EXISTING 1/4" PLYWOOD TO REMAIN. SECURE TO STRUCTURE.
15. INSTALL NEW 1X4 BASE.
16. SPRINKLER PIPE HOLE.

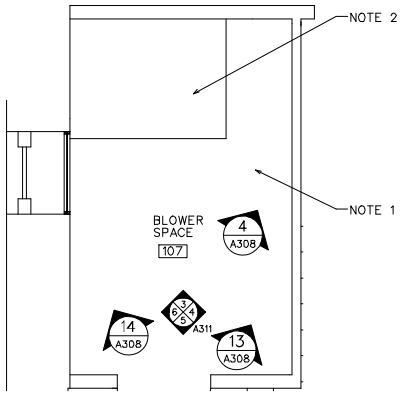
LEGEND
- REPAIR PLASTER - CRITICAL
- REPAIR PLASTER - SERIOUS
- 5/8" GYP. BOARD WITH FINISHING STRIP AT EDGES

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:
DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16
SUB SHEET NO.: A310

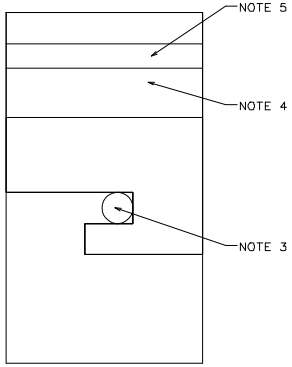
TITLE OF SHEET
EXISTING AND PROPOSED WEST ORGAN CHAMBER
EBENEZER BAPTIST CHURCH
M.L.K. JR. NATIONAL HISTORIC SITE

DRAWING NO.: 489 80,020
PROJ. NO.:
SHEET: 38 of 84

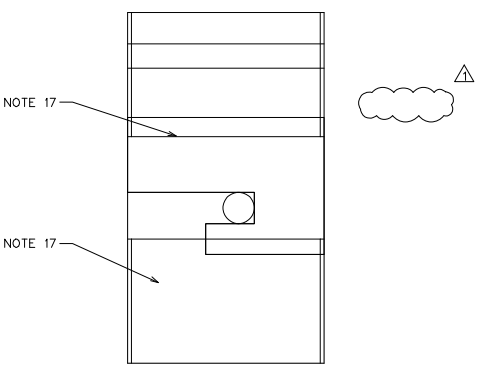
1 07/25/07



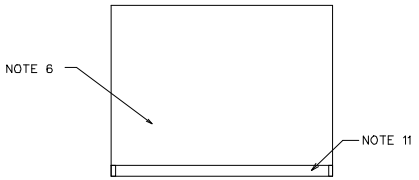
1 A311 PLAN - BLOWER SPACE



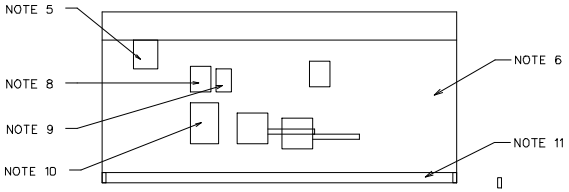
2 A311 EXISTING RCP - BLOWER SPACE



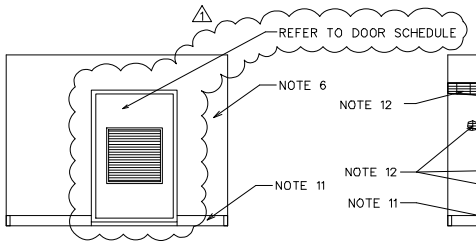
2A A311 PROPOSED RCP - BLOWER SPACE



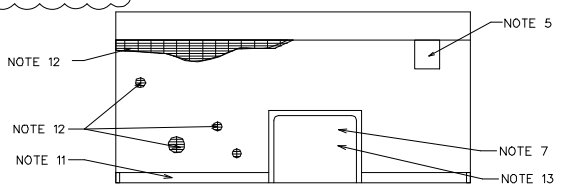
3 A311 WEST ELEVATION - BLOWER SPACE



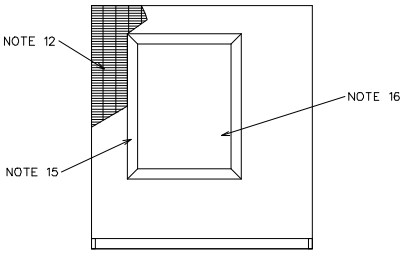
4 A311 NORTH ELEVATION - BLOWER SPACE



5 A311 EAST ELEVATION - BLOWER SPACE



6 A311 SOUTH ELEVATION - BLOWER SPACE



7 A311 WEST ELEVATION - ACCESS @ STAIR 002

2 0 2 4
SCALE OF FEET

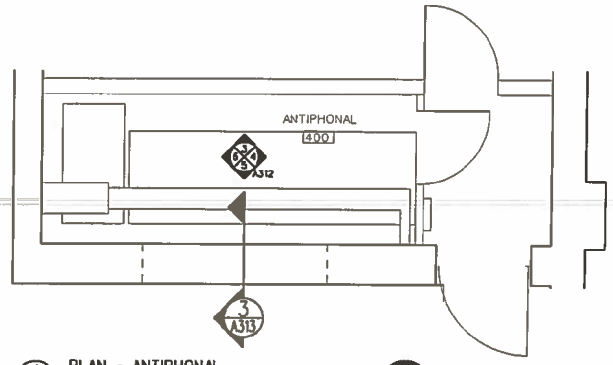
GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

STATE OF GEORGIA ANTONN AECK REGISTERED ARCHITECT

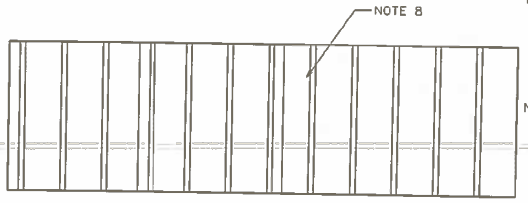
SHEET SPECIFIC NOTES
1. CLEAN AND PAINT EXISTING WOOD FLOOR.
2. RESTORE EXISTING BLOWER - APPROXIMATE LOCATION.
3. RESTORE EXISTING BLOWER PIPE W/ ORGAN
4. PROTECT EXISTING TONGUE AND GROOVE BEAD BOARD CEILING.
5. PROTECT EXISTING BOXED OUT BEAM .
6. INSTALL 5/8" GWB OVER EXISTING EXPOSED STUDS TO ACHIEVE PARTITION TYPE O S 1 G.
7. INSTALL 1/4" LAMINATED GLASS W/PAINTED 1" HARDWOOD STOPS.
8. PROTECT EXISTING ELECTRICAL EQUIPMENT. DO NOT COVER.
9. PROTECT EXISTING RESET BUTTON. DO NOT COVER.
10. PROTECT EXISTING EQUIPMENT. DO NOT COVER.
11. INSTALL AND PAINT 1"X4" WOOD BASE.
12. REPAIR HOLES IN PLASTER.
13. PROTECT EXISTING WINDOW.
14. NOT USED.
15. INSTALL 1X TRIM AT HATCH DOOR ON STAIR SIDE.
16. SEE A503 FOR DOOR HDWE.
17. BEAD BOARD. RESTORE, REMAIN AND REPLACE TO MATCH. 1

REPAIR PLASTER - F1 & F2
CEILING TO REMAIN
REMOVE CEILING
REPLACE BEAD BOARD CEILING

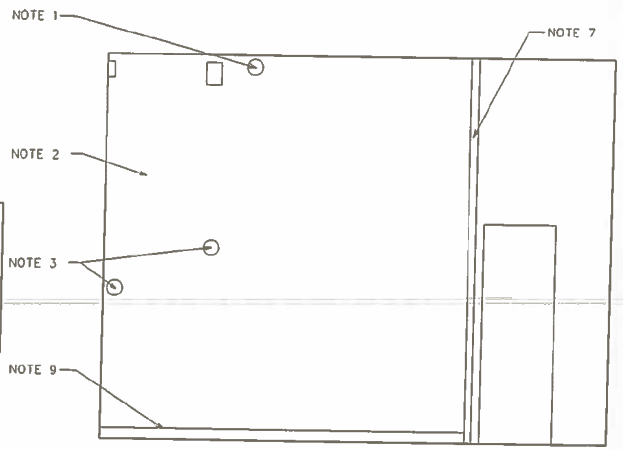
A/E FIRM	PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:
DESIGNED:	KR
DRAWN:	KG/JA
TECH. REVIEW:	ST/TR/MCM
DATE:	2005 FEB. 09
SUB SHEET NO.	A311
TITLE OF SHEET	EXISTING AND PROPOSED BLOWER SPACE
	EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE
DRAWING NO.	489 80,032
PKG. NO.	111
SHEET	44 OF 99



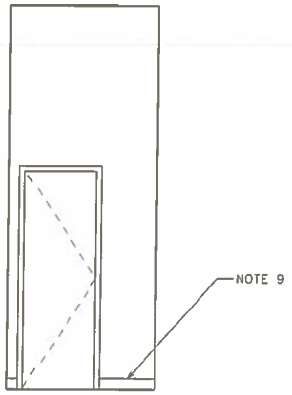
1 A312 PLAN - ANTIPHONAL



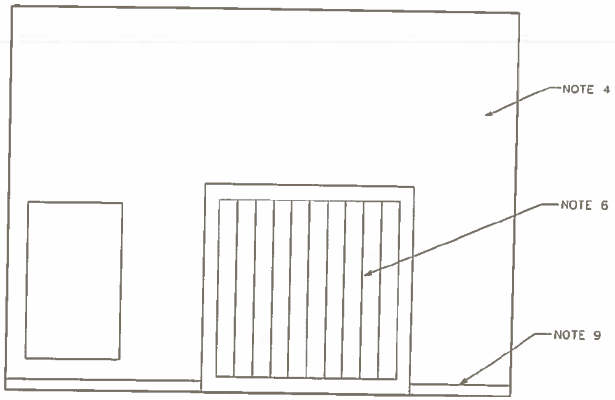
2 A312 REFLECTED CEILING PLAN - ANTIPHONAL



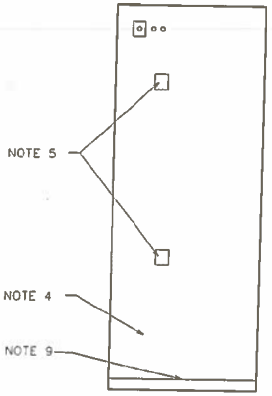
3 A312 WEST ELEVATION - ANTIPHONAL



4 A312 NORTH ELEVATION - ANTIPHONAL



5 A312 EAST ELEVATION - ANTIPHONAL



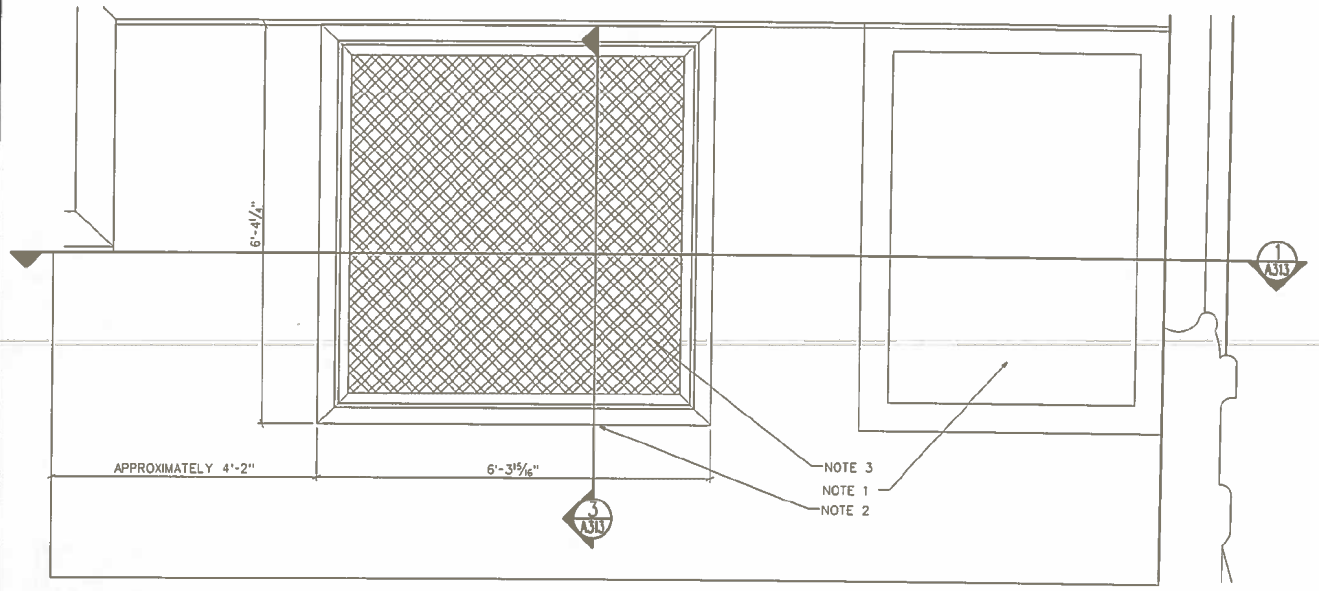
6 A312 SOUTH ELEVATION - ANTIPHONAL

MATERIAL KEYNOTES	GENERAL NOTES

SHEET SPECIFIC NOTES

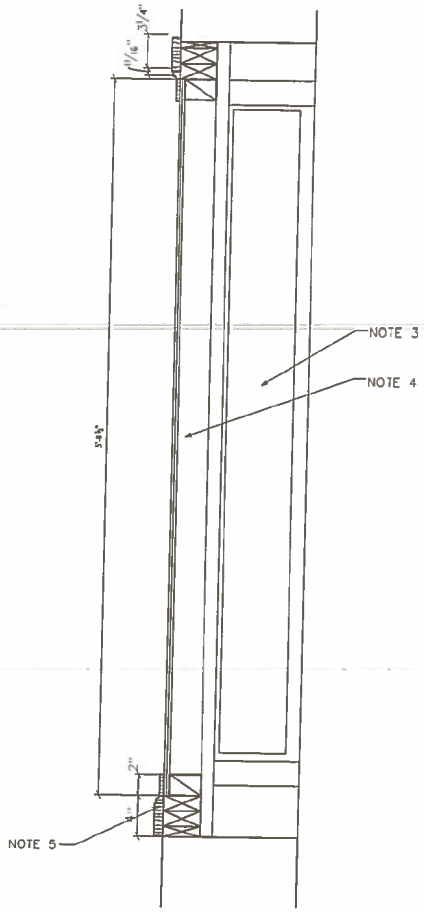
1. EXISTING SPRINKLER HEAD TO REMAIN.
2. EXISTING ½" GYPSUM BOARD ON FACE TO REMAIN.
3. PATCH HOLES IN GYPSUM BOARD. PAINT.
4. EXISTING HOLLOW CLAY MASONRY TILES TO REMAIN. PAINT.
5. PATCH HOLES IN HOLLOW CLAY TILE MASONRY.
6. EXISTING ANTIPHONAL LOUVERS TO BE RESTORED AS PART OF THE ORGAN.
7. INSTALL NEW WALL (WOOD FRAME & ¾" GWB) AFTER ORGAN IS INSTALLED.
8. ADD 2X4 STUDS AT 16" O.C. AT CURRENT CEILING LEVEL. REPLACE FAILED CEILING WITH ⅝" GWB.
9. INSTALL 1X4 WOOD BASE TRIM. PAINT.

A/E FIRM: PRIME: LORD, AECK & SARGENT ATLANTA GA; CONSULTANT:	DESIGNED: KR, KMG; DRAWN: KMG; TECH. REVIEW: KR; DATE: 2004 FEB 16	SUB SHEET NO.: A312	TITLE OF SHEET: EXISTING AND PROPOSED ANTIPHONAL SPACE — EBENEZER BAPTIST CHURCH, MLK JR. NATIONAL HISTORIC SITE	DRAWING NO.: 489 80,020; PKG. NO.: —; SHEET: 40 OF 84



1 A313 ANTIPHONAL ELEVATION

SCALE (B)



3 A313 ANTIPHONAL SCREEN SECTION

SCALE (A)

SCALE (A) 12 6 0 12
SCALE OF INCHES

SCALE (B) 1 0 1 2
SCALE OF FEET

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES
		1. PAINT EXISTING ACCESS DOOR TO REMAIN. 2. INSTALL PROPOSED WOOD ANTIPHONAL SCREEN 3. RESTORE EXISTING ANTIPHONAL LOUVERS BEHIND 4. INSTALL NEW WOOD LATTICE SCREEN. 5. INSTALL NEW WOOD TRIM

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA

DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16

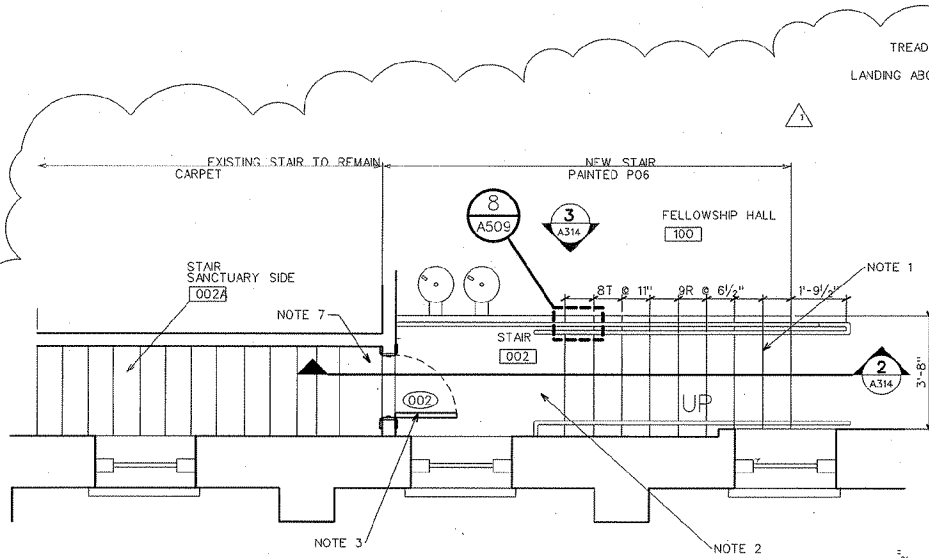
SUB SHEET NO. A313

TITLE OF SHEET: ANTIPHONAL RESTORATION

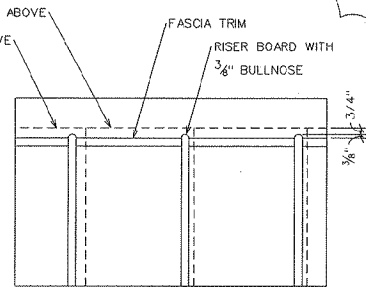
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,020
PROJ. NO.
SHEET 41 OF 84

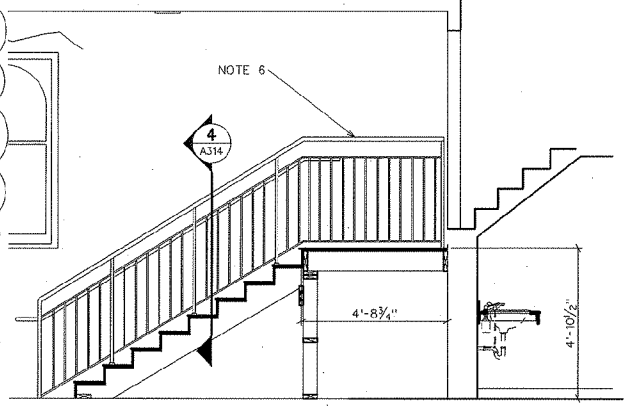
1 08/23/07



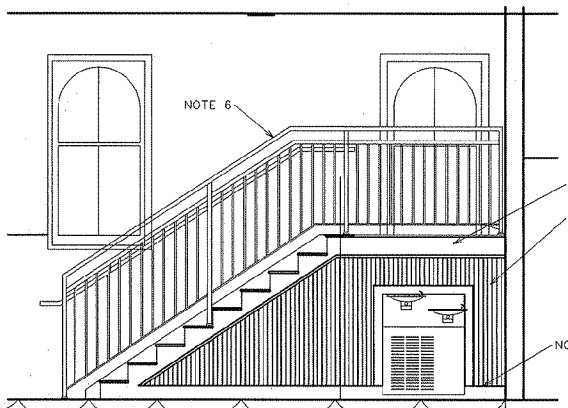
1 A314 **PLAN - NEW STAIR 002**
SCALE Ⓐ



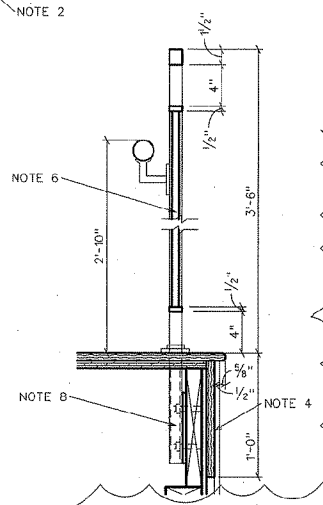
5 A314 **TREAD PLAN DETAIL**
SCALE Ⓑ



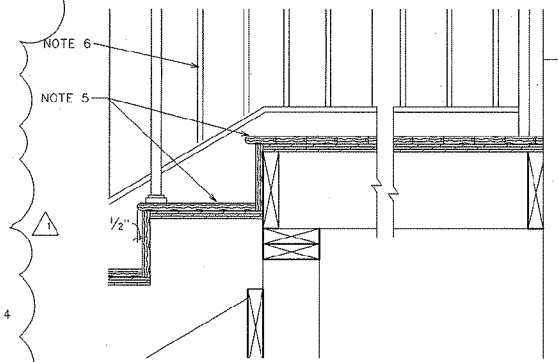
2 A314 **SECTION - NEW STAIR**
SCALE Ⓐ



3 A314 **ELEVATION-NEW STAIR 002**
SCALE Ⓐ



4 A314 **SECTION-NEW STAIR 002**
SCALE Ⓑ



5 A314 **SECTION DETAIL-NEW STAIR 002**
SCALE Ⓑ

Ⓐ 4 0 4 8
SCALE OF FEET

Ⓑ 1 0 1 2
SCALE OF FEET

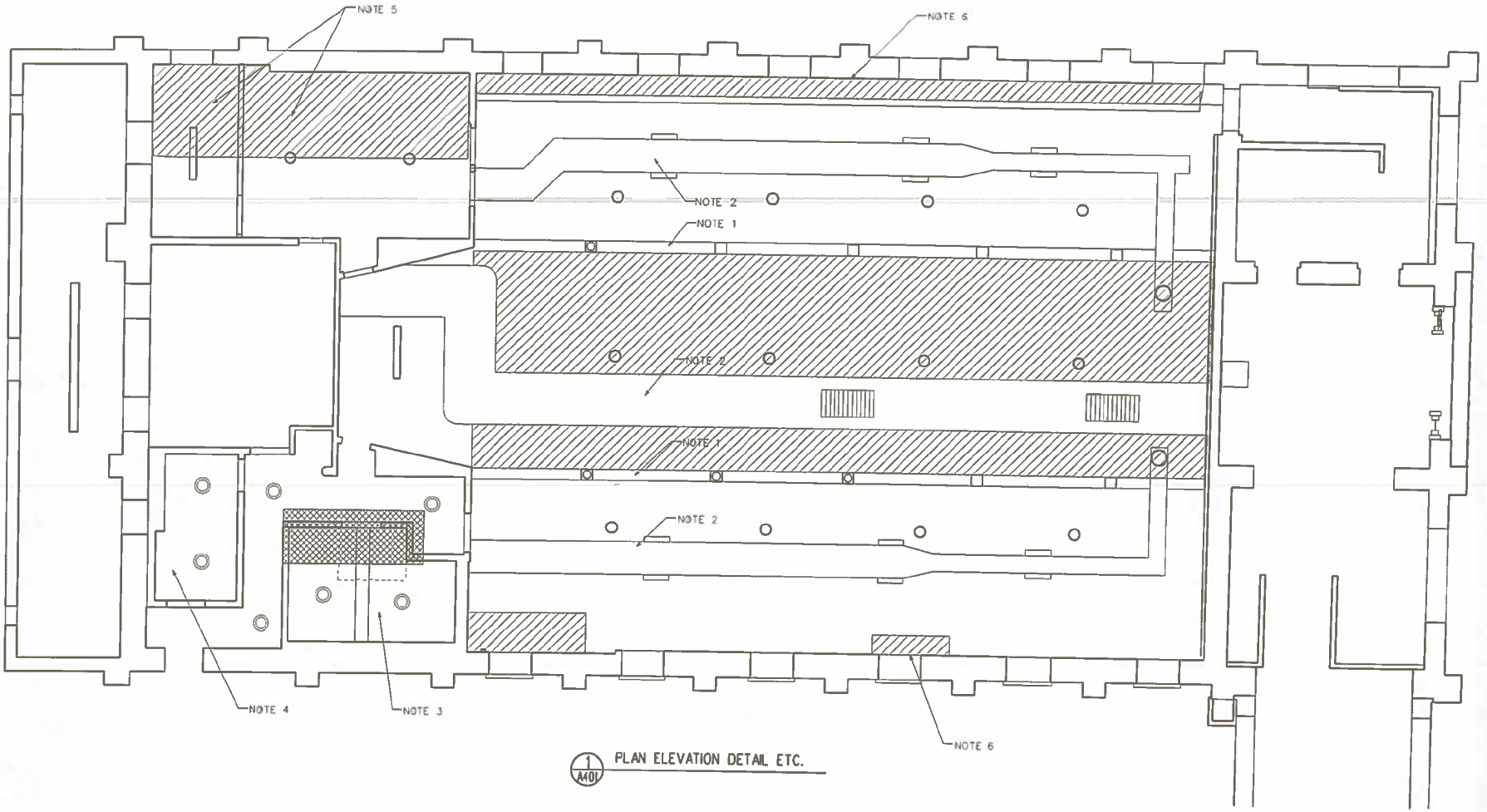
GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

SHEET SPECIFIC NOTES

1. INSTALL NEW WOOD STAIR AND PLATFORM. TIE NEW STAIR INTO EXISTING STAIR.
2. EXISTING TONGUE & GROOVE LANDING, TREADS AND RISERS. PAINT P06.
3. RESIZE AND INSTALL DOOR IDENTIFIED IN D101 FOR REUSE AT 002. PAINT DOOR/TRIM AT 002A SIDE P06. PAINT DOOR/TRIM ON 002 SIDE P01.
4. INSTALL T&G BEAD BOARD. PAINT P01.
5. LANDING TO BE TONGUE AND GROOVE FLOORING TREADS TO BE HARDWOOD WITH A BULLNOSED EDGE. SEE 5/S504 FOR STRUCTURAL INFORMATION.
6. INSTALL NEW PAINTED STAIR RAIL. RAIL COMPONENTS:
   1¼" SQUARE ALUM POSTS
   ⅝" SQ. ALUM TUBES FOR PICKETS SPACED 4" O.C. MAX.
   POST HANDRAIL BRACKET - JULIUS BLUM # 442
   TOP AND BOTTOM RAIL - ½" X 1¼" FLAT ALUM BAR
   SQ. POST COVER FLANGE - JULIUS BLUM #733
   PIPE RAIL : 1¼" - 1½" DIA PIPE RAIL.
   SEE SPEC SECTION 05520 FOR ELBOW AND CONNECTION PIECES. SEE 4/S504 FOR STRUCTURAL INFORMATION.
7. INSTALL CARPET TO DOOR THRESHOLD. SEE 8/A515 FOR THRESHOLD DTL.
8. RAIL POST BOLTS THROUGH METAL PLATE AND 2 X 12. SEE 4/A504.
9. INSTALL 1 X FASCIA TRIM. PAINT P03.
10. INSTALL NEW WOOD BASE - B3. SEE 4/A516. PAINT P03.

A/E FIRM	LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT	
DESIGNED	KR
DRAWN	KG/JA
TECH. REVIEW	ST/TR/MCM
DATE	2005 FEB. 09
SUB SHEET NO.	A314
TITLE OF SHEET	1ST LEVEL- PROPOSED ADAPTIVE REUSE WORK PLAN
	EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE
DRAWING NO.	489 80,032
PKG. NO.	111
SHEET	47 OF 99

STATE OF GEORGIA ANTONIN AECK REGISTERED ARCHITECT



1 / A01 PLAN ELEVATION DETAIL ETC.

MATERIAL KEYNOTES	GENERAL NOTES

SHEET SPECIFIC NOTES

1. EXISTING BEAM TO REMAIN.
2. EXISTING HVAC SYSTEM TO REMAIN.
3. NEW GYPSUM BOARD CEILING
4. PATCH EXISTING GYPSUM BOARD CEILING
5. PATCH AND REPAIR EXISTING TOUNGE AND GROOVE BEAD BOARD CEILING
6. REPLACE TOUNGE AND GROVE BEAD BOARD CEILING IN AREAS WHERE IT IS CURRENTLY REMOVED. MATCH EXISITNG WIDTH AND DEPTH.

LEGEND

- REPAIR PLASTER PER SPEC. NO. 09210- F.3.
- TOUNGE AND GROOVE BEAD BOARD CEILING TO BE REMOVED AND REINSTALLED.
- NEW CEILING MOUNTED LIGHT FIXTURES
- NEW PENDANT LIGHT FIXTURES

4 0 4 8
SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:

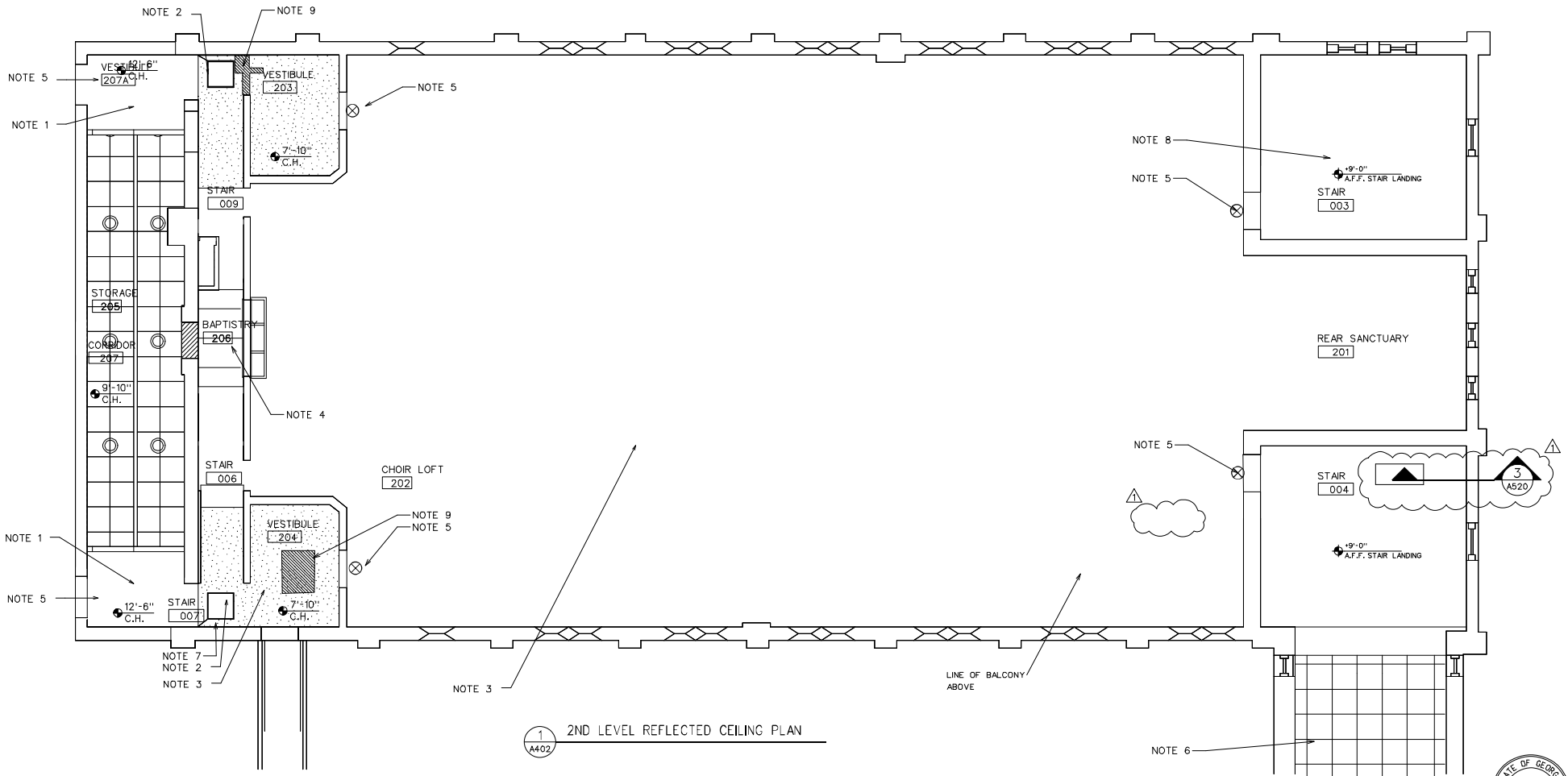
DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16

SUB SHEET NO. A401

TITLE OF SHEET
1ST LEVEL PROPOSED REFLECTED CEILING PLAN
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,020
REG. NO.
SHEET 42 OF 84

1 07/25/07



1 A402 2ND LEVEL REFLECTED CEILING PLAN

4 0 4 8
SCALE OF FEET

STATE OF GEORGIA REGISTERED ARCHITECT

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES
		1. REUSE AND REINSTALL EXISTING LIGHT FIXTURES. 2. NOT USED. 3. EXISTING CEILING TO REMAIN. 4. INSTALL ACOUSTICAL TILE CEILING. 5. REFURBISH AND REINSTALL EXISTING EXIT FIXTURES 6. EXISTING CEILING AND LIGHT FIXTURES TO REMAIN. REPLACE DAMAGED TILES WITH SALVAGED TILES FROM REAR ADDITION. ENTIRE CEILING TO BE PAINTED. 7. INSTALL PAINTED STEEL 90 DEGREE FIXED ACCESS LADDER FOR HATCH ACCESS. 8. NOT USED. 9. REPAIR PLASTER CEILING AT HATCHED LOCATION.

LEGEND
- AREA OF PLASTER TO BE REPAIRED
- GYPSUM BOARD CEILING.
- INSTALL NEW CEILING MTD LIGHT FIXTURES
- INSTALL NEW PENDANT LIGHT FIXTURES
- EXIT LIGHT - SEE ELEC. REUSE EXISTING.

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	KR DRAWN: KG/JA TECH. REVIEW: ST/TR/MCM DATE: 2005 FEB. 09	A402	2ND LEVEL PROPOSED REFLECTED CEILING PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	489 80,032 PKG. NO. 111 SHEET 49 OF 99

FINISH SCHEDULE - INTERIOR

1 08/23/07

ROOM NUMB.	ROOM NAME	WALL						FLOOR		CEILING			WOODWORK						BASE			NOTES
		FINISH	GLOSS LEVEL	N	S	E	W	MATERIAL	FINISH	MATERIAL	FINISH	GLOSS LEVEL	DOOR CASING	DOOR	WAINSCOT	WINDOW CASING	WINDOW SASH	GLOSS LEVEL	MATERIAL	FINISH	GLOSS LEVEL	
100	FELLOWSHIP HALL	P01		X	X	X	X	R01 & R02	--	CT4	P02		P01	P01	--	P03	P03	--	B02	P01		1, 2, 3, 14
101	STAGE	P01		--	X	X	X	EXISTING (W01)	PR1	CT4	P02		P01	P01	--	--	--	--	B02	P01		1, 3, 5, 14
102	STORAGE	P01		X	X	X	X	R01, R02	P06	CT4	P02		P01	P01	--	--	--	--	B02	P01		1, 4
103	MECHANICAL ROOM	--		--	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--		
104	CORRIDOR	P13		X	X	X	X	R02	--	GB1	P13		P13	P13	--	--	--	--	B02	P13		1
105	MEN'S RESTROOM	P13		X	X	X	X	T02, T03 & T04	--	GB1	P13		P13	P13	T01	--	--	--	T03	--		19
106	WOMEN'S RESTROOM	P13		X	X	X	X	T02, T03 & T04	--	GB1	P13		P13	P13	T01	P03	P03	--	T03	--		19
107	BLOWER ROOM	P13		X	X	X	X	EXISTING (W01)	FF1	CT4	P13		--	--	--	--	--	--	B04	P13		
109	REAR ADDITION	--		--	--	--	--	--	--	--	--		--	--	--	--	--	--	--	--		
110	VESTIBULE	P07		X	X	X	X	EXISTING (T05)	--	GB1	P07		P10	P10	--	--	--	--	EXISTING (B05)	--		6
200	SANCTUARY	P04		X	--	X	X	W01 / C01	P06	CT2	P07		P06	P06	P05	P05	P05	--	EXISTING (B01)	P05		7, 4
201	REAR SANCTUARY	P04		X	--	X	X	W01 / C01	P06	CT2	P07		--	--	P05	P05	P05	--	EXISTING (B01)	P05		7
202	CHOIR LOFT	P04 / P09		--	X	?	?	EXISTING (W01)	P06	CT2	P07		P06	P06	P09	P05	P05	--	EXISTING (B01)	P05		7, 8, 18
203	VESTIBULE	P13		X	X	X	X	R01	--	PL1	P13		P13	P13	--	--	--	--	EXISTING (B01)	P13		1
204	VESTIBULE	P13		X	X	X	X	R01	--	PL1	P13		P13	P13	--	--	--	--	EXISTING (B01)	P13		1
205	STORAGE	P13		X	X	X	X	EXISTING (W01)	TBD	TBD	P13/FF2		P13	P13	--	--	--	--	B02	P13		
206	BAPTISTRY	P01		X	X	X	X	W02	TBD	CT1 / CT3	P13		P13	P13	--	--	--	--	B02	P13		1, 11
207A	VESTIBULE	P13		X	X	X	X	E01	--	CT1 / CT3	P13		P13	P13	--	--	--	--	B02	P13		1, 11
207B	VESTIBULE	P13		X	X	X	X	E01	--	CT1 / CT3	P13		P13	P13	--	--	--	--	B02	P13		1, 11
300	BALCONY	P04		X	X	X	X	W01 / W02	P06	CT2	P07		P09	P09	--	P05	P05	--	B02	P05		7, 9, 10
301	REAR BALCONY	P04		X	X	X	X	W01 / W02	P06	CT2	P07		--	--	--	P05	P05	--	B02	P05		7, 10, 18
302	WEST ORGAN CHAMBER	P13		X	X	--	X	EXISTING (W01)	--	CT2 / GB1	P13		--	--	--	--	--	--	B04	P13		16
303	EAST ORGAN CHAMBER	P13		X	X	X	--	EXISTING (W01)	--	CT2 / GB1	P13		--	--	--	--	--	--	B04	P13		16
400	ANTIPHONAL	P13		X	X	X	X	EXISTING (W01)			P13		P13	P13	--	--	--	--	B06	P13		
401	ANTIPHONAL VESTIBULE	--		--	--	--	--	EXISTING (W01)	--	GB1												
001	STAIR	P13		X	X	X	X	EXISTING (W01)	PR1	GB1	P13		P13	P13	--	--	--	--	B02	P13		1
002	STAIR	P01		X	X	X	X	W01	PR1	CT4	P02		P01	P01	--	--	--	--	B03	P01		1
002A	STAIR	P04		--	--	--	X	C01	PR1	--	--		P06	P06	--	--	--	--	EXISTING (B01)	P05		1
003	STAIR	P07		X	X	X	X	C01	--	GB1	P07		P07	P07	P07	P07	P07	--	EXISTING (B05)	--		11, 12, 13
004	STAIR	P07		X	X	X	X	C01	--	GB1	P07		P07	P07	P07	P07	P07	--	EXISTING (B05)	--		11, 12, 13
005	STAIR	P13		X	X	X	X	EXISTING (W01)	PR1	PL1	P13		P13	P13	--	--	--	--	B02	P13		1
006	STAIR	P13		X	X	X	X	EXISTING (W01)	PR1	PL1	P13		P13	P13	--	--	--	--	B02	P13		1

FINISH SCHEDULE NOTES

-- NO FINISHES

1. REPAIR EXISTING WOOD BASE AND QUARTER ROUND. REPLACE MISSING OR DAMAGED MATERIALS WITH NEW WOOD BASE AND QUARTER ROUND TO MATCH ORIGINAL. SEE 3 & 4/A516 FOR EXISTING BASE PROFILES
2. PAINT ALL EXPOSED CONDUIT, HVAC DUCTWORK, & GRILLS TO MATCH PAINT COLOR OF ADJACENT CEILING OR WALL.
3. PAINT FRONT OF STAGE P01.
4. PAINT ALL METAL HANDRAILS AND GUARDRAILS P15.
5. TREATMENT AT STAGE FLOOR INCLUDES (4) SETS OF STAIRS.
6. SEE SHEET A513 FOR DOOR #110 TREATMENT.
7. TOUCH UP ANY DAMAGE TO EXISTING PAINT FINISH AT TIN CEILING P07.
8. P04 AT PLASTER, P09 AT SOUTH WALL. NO TREATMENT AT CHOIR LOFT KNEE WALL.
9. P05 AT BOTH SIDES OF BALUSTRADE, AT NEW METAL RAILING, AND WOOD COLUMNS SUPPORTING BALCONY.
10. REUSE EXISTING WOOD FLOORING. BEGIN REPLACEMENT WITH EXISTING WOOD. CONTINUE WITH REPLACEMENT WOOD. MATCH EXISTING GRADE, SPECIES, DIMENSIONS AND SIZE.
11. REPLACE DAMAGED CEILING TILES IN-KIND. NEW TILE SHALL MATCH THE SIZE, SHAPE AND QUALITY AS EXISTING. PAINT CEILING TILE. SEE FINISH SCHEDULE.
12. INSTALL NEW METAL STAIR NOSINGS.
13. RESTORE DAMAGED PORTIONS OF BASE.
14. RESILIENT FLOOR TILES TO BE IN A CHECKERBOARD PATTERN.
15. NEW WOOD FLOORING AT LOWER LEVEL AND STAIR OF KITCHEN, PAINTED FINISH.
16. SECURE REMAINING TIN PANELS.
17. ALL PLASTER SURFACES TO HAVE TOTAL PAINT REMOVAL. NO DOCUMENTED LEAD BASED PAINT ON PLASTER.
18. PAINT ANTIPHONAL SCREEN AND ORGAN CHAMBER SCREENS P05.
19. TOILET PARTITIONS TO BE COMTEC #S212 HUNTER GREEN.

GENERAL NOTES - INTERIOR FINISHES

1. SEE SHEET A502 FOR MATERIALS AND COLOR LEGENDS.
2. SEE SHEETS A401, A601 - A605 FOR PLASTER REPLACEMENT AND RESTORATION.
3. CARPET TO BE INSTALLED AT LOCATIONS SHOWN ON SHEET A102.
4. SEE SHEET A301 FOR NEW TILE WAINSCOT.

PAINT GLOSS KEY

FF	FLAT
EE	EGGSHELL
PP	PEARL
SS	SATIN
SG	SEMI GLOSS
HG	HIGH GLOSS

GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

STATE OF GEORGIA ANTONIA KICK REGISTERED ARCHITECT

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.	KR	A501	FINISH SCHEDULE	489 80,032
CONSULTANT:	DRAWN: KG/JA		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. 111 SHEET 50
	TECH. REVIEW: ST/TR/MCM			OF 99
	DATE: 2005 FEB. 09			

FINISH LEGEND

KEYNOTE	FINISH CODE	FINISH DESCRIPTION	PRODUCT COLOR	MUNSELL COLOR	
09900	P01	INT. PAINT	LIGHT-BLUE / GREEN	2.5BG 6/2	
09900	P02	INT. PAINT	GRAY / GREEN	10GY 5/2	
09900	P03	INT. PAINT	LIGHT GRAY / GREEN	5GY 7/1	
09900	P04	INT. PAINT	PEACH	2.5YR 7/6	
09900	P05	INT. PAINT	BROWN	2.5YR 3 /4	
09900	P06	INT. PAINT	RED / BROWN	10 R 2 /4	
09900	P07	INT. PAINT	WHITE	N 9.5	
09900	P08	PAINT	SHELLAC	--	
09900	P09	PAINT	DARK VARNISH	--	
09900	P10	EXT. PAINT	RED / BROWN	2.5R 2/2	
09900	P11	STUCCO COLOR	GREY	10YR 7/1	
09900	P12	INT. PAINT	WHITE	N 9.5	
09900	P13	INT. PAINT	EGGSHELL WHITE	BENJAMIN MOORE	CLOUD WHITE OC-130
09900	P14	INT. PAINT	DARK GREEN	SHERWIN WILLIAMS	SW6461 LRV 8%
00000	FF1	CLEAN EXISTING FLOORING	--	--	
00000	FF2	POLYURETHANE ? FINISH	--	--	
00000	PR1	PASSIVE REFINISHING	--	--	
				--	
				--	
				--	
				--	
				--	
				--	

PAINT GLOSS KEY

FF	FLAT
EE	EGGSHELL
PP	PEARL
SS	SATIN
SG	SEMI GLOSS
HG	HIGH GLOSS

1. RESTORE BEADBOARD CEILING AS SHOWN ON SHEET A401.
2. SEE SHEETS A401, A601 - A605 FOR PLASTER REPLACEMENT AND RESTORATION.
3. CARPET TO BE INSTALLED AT LOCATIONS SHOWN ON SHEET A.102.
4. SEE SHEET A.301 FOR NEW TILE WAINCOT.

MATERIAL LEGEND

KEYNOTE	FINISH CODE	FINISH DESCRIPTION	PRODUCT COLOR	MANUFACTURER COLOR	FINISH	MANUFACTURER	PRODUCT ID	NOTES
XXXXX	R01	RESILIANT FLOOR TILE	GREEN	*51947	IMP. TEXT	ARMSTRONG	EXCELLON	8" x 8" FLOOR TILES TO BE CUT FROM 12" x 12" TILES
XXXXX	R02	RESILIANT FLOOR TILE	OFF WHITE	*51836	IMP. TEXT	ARMSTRONG	STD. EXCELLON	8" x 8" FLOOR TILES TO BE CUT FROM 12" x 12" TILES
XXXXX	T01	CERAMIC WALL TILE (4x4)	OFF WHITE	0012		AMERICAN OLEAN	BRIGHT MATTE	COLOR CALLED GLOSS ALMOND
XXXXX	T02	CERAMIC FLOOR TILE (2x2)	LIGHT BEIGE	0C11		AMERICAN OLEAN	EGYPTSTONES	2X2 MOSAIC TILES MS - COLOR CALLED ALABSTER
XXXXX	T03	CERAMIC TILE BASE						
XXXXX	T04	EXISTING QUARRY TILE						
XXXXX	C01	CARPET	RED	880365		BENTLY	BKR4206301	STYLE NAME KINGS ROAD - COLOR NAME TUNISIAN RED
09690	W01	EXIST WOOD FLOORING						
09690	W02	NEW WOOD FLOORING						
XXXXX	E01	EXPOSED CONCRETE						
XXXXX	B01	EXISTING WOOD BASE						
XXXXX	B02	NEW WOOD BASE - MATCH EXISTING						
XXXXX	B03	NEW RUBBER BASE						
XXXXX	B04	NEW 1X4 BASE						
XXXXX	B05	EXISTING PLASTIC BASE						
XXXXX	CT1	ACCOUSTICAL CEILING TILE - EXISTING						
XXXXX	CT2	TIN CEILING TILE - EXISTING						LIMITED REPAIR TO TILES AT UNDERSIDE OF BALCONY
XXXXX	CT3	ACCOUSTICAL CEILING TILE - NEW						
XXXXX	CT4	T&G BEADED BOARD						
XXXXX	GB1	GYPSUM BOARD						
XXXXX	PL1	PLASTER						
XXXXX	SS	SOLID SURFACE	LIGHT BEIGE	9030-ML		WILSON ART	GIBRALTAR	COLOR CALLED BAJA MELANGE

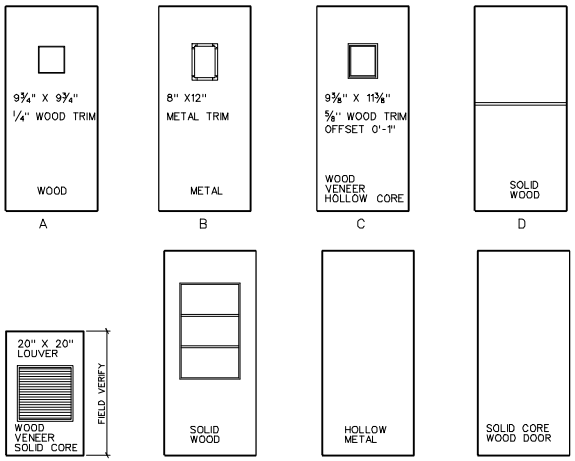
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:
DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16
SUB SHEET NO.: A502
TITLE OF SHEET: FINISH SCHEDULE
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE
DRAWING NO.: 489 80,020
PROJ. NO.:
SHEET: 45 OF 84

APPENDICES 130

DOOR SCHEDULE

DOOR NUMBER	DOOR SIZE	DOOR LOCATION		DOOR STATUS	DOOR TYPE	JAMB STATUS	JAMB TYPE	THRESHOLD STATUS	THRESHOLD TYPE	HARDWARE SET	NOTES	FIRE RATING
001	3'-5½" x 7'-9" x 1¾"	STAIRCASE 001 TO EXIT	EXT	E	A	E	EXISTING - J5	E	EXIST -T1	03	8,9	
002	24¼" x 83¾" x 1¾"	STAIRCASE 002	INT	N	I	E	EXISTING - J1	E	EXIST -T1	07	5	
100	3'-5½" x 7'-9" x 1¾"	FELLOWSHIP HALL 100	INT	N	B	E	EXISTING - J1	E	EXIST -T1	01		45 MIN
101A	2'-7¾" x 8'-0" x 1¾"	STAGE	INT	E	C	E	EXISTING - J1	E	EXIST -T1	08	1, 10	
101B	2'-7¾" x 8'-0" x 1¾"	STAGE	INT	E	C	E	EXISTING - J1	E	EXIST -T1	08	1	
102	3'-5½" x 8'-3¼"	KITCHEN 102	INT	E	D	E	EXISTING - J1	E	EXIST -T1	02	--	
102A	3'-0" x 7'-0"	KITCHEN-STORAGE 102A	INT	N	I	N	J4 - 3/A514	N	T1	06	--	
103A	3'-0" x 7'-0"	MECHANICAL ROOM	INT	E	A	E	EXISTING - J1	E	EXIST -T1	08	--	45 MIN
105	3'-5½" x 7'-9¼" x 1¾"	MEN'S RESTROOM	INT	N	I	N	J1 SIM-2/A514	E	T2	05	--	
106	3'-0" x 7'-0"	WOMEN'S RESTROOM	INT	N	I	N	J1 SIM-2/A514	E	T2	05	12	
107	2'-6" x 4'-0" +/-	BLOWER RM. ACCESS	INT	N	F	E	EXISTING - J1	--	--	06		
110	SEE SHEET 512	MAIN DOOR	INT	--	--	--	--	--	--	08	1, 3	
102B	3'-0" x 7'-0"	STAIR 005 TO EXIT	EXT	N	A	N	J6	N	T3 -3/A515	04	2	
109	3'-5½" x 8'-3"	STORAGE 109 TO EXIT	EXT	E	H	E	EXISTING - J2	E	EXIST -T1	08	1	
200A	3'-0" x 7'-0"	STAIR 003	INT	N	A	N	J3 - 2/A516	N	T4	10	4	90 MIN
200B	3'-0" x 7'-0"	STAIR 004	INT	N	A	N	J3 - 2/A516	N	T4	10	4	90 MIN
202A	2'-8½" x 7'-8¾"	CHOIR LOFT	INT	E	C	E	EXISTING - J1	E	EXIST -T1	08	1	
202B	2'-8½" x 7'-8¾"	CHOIR LOFT	INT	E	C	E	EXISTING - J1	E	EXIST -T1	08	1, 9	
203	3'-5¾" x 8'-2" x 1¾"	VESTIBULE 203	INT	E	C	E	EXISTING - J1	E	EXIST -T1	09	1, 7, 13	
204	3'-6 " x 8'-3" x 1¾"	VESTIBULE 204	INT	E	C	E	EXISTING - J1	E	EXIST -T1	09	1, 7, 13	
205	3'-6" x 8'-3½" x 1¾"	VESTIBULE 204	EXT	E	G	E	EXT - J1	E	EXIST -T1	08	1	
207A	3'-0" x 7'-0"	VEST. 207A TO EXIT	EXT	N	H	N	J2 - 4/A514	N	T4	11	--	
207B	3'-0" x 7'-0"	VEST. 207B TO EXIT	EXT	N	H	N	J2 - 4/A514	N	T4	11	--	
300A	3'-4" x 8'-0" x 1¾"	STAIR 003	INT	N	A	E	J3 - 2/A516	E	EXIST -T1	13	8	90 MIN
300B	3'-4" x 8'-0" x 1¾"	STAIR 004	INT	N	A	E	J3 - 2/A516	E	EXIST -T1	13	--	90 MIN
400	2'-4" x 7'-0"	ANTIPHONAL	INT	N	I	N	J7 - 1/A515	N	T1	12	--	

DOOR TYPES



ACCESS DOOR SCHEDULE

ACCESS DOOR NUMBER	DOOR TYPE	DOOR SIZE	DOOR LOCATION	FIRE RATING
AD1	ACUDOR FB-5060	36" X 48"	VEST 207A, 207B	1 HR
AD2	ACUDOR FB-5060	26" X 48"	OFFICE TOWER	2 HR
AD3	ACUDOR BP58 (CEILING HATCH)	24" X 24"	ORGAN CHAMBER 302. 303	--

1. CONTRACTOR TO VERIFY FIELD DIMENSIONS PRIOR TO PURCHASE.
2. SEE 7/A517 FOR INSTALLATION DETAIL OF AD3.

⚠1

⚠ 07/25/07

DOOR SCHEDULE NOTES

1. ADJUST EXISTING HARDWARE TO WORKING CONDITION.
2. SEE 3/A515 FOR HEAD CONDITION.
3. SEE SHEET 512 FOR INFORMATION ON THIS DOOR.
4. NEW DOOR TO MATCH DOOR 300A
5. RESIZE AND REUSE DOOR, EXISTING OPENING
6. NOT USED
7. GRILLE LOOSE - REATTACH.
8. WATER DAMAGE AT CASING AT BASE OF DOOR. REPAIR AND REFINISH CASING.
9. DOOR STICKS - ADJUST DOOR FOR EASY OPENING.
10. WOOD VENEER DAMAGED. DO NOT REPAIR.
11. NOT USED
12. SALVAGE EXISTING HISTORIC JAMB & CASING.
13. GRILLE HAS BEEN ADDED TO DOOR. SECURE GRILLE TO DOOR.

DOOR SCHEDULE LEGEND

LOCATION

INT INTERIOR
EXT EXTERIOR

STATUS

E EXISTING TO REMAIN IN PRESENT LOCATION
N NEW
TBD TO BE DETERMINED

JAMB TYPES

J1 WOOD JAMB - 5¼"
J2 HOLLOW METAL
J3 WOOD JAMB - 14½"
J4 WOOD JAMB - 7¼"
J5 EXISTING BEVELED HOLLOW METAL
J6 HOLLOW METAL IN NEW OPENING
J7 MODERN PROFILE WOOD JAMB, OPEN ONE SIDE

THRESHOLD

T1 NA - FLUSH
T2 MARBLE THRESHOLD, SEE 2/A515.
T3 METAL THRESHOLD, SEE HARDWARE SET.
T4 WOODEN THRESHOLD, SEE 4/A515.

GENERAL NOTES - DOOR SCHEDULE

A. SEE FINISH SCHEDULE ON SHEET A.501 FOR FINISH SELECTIONS AT DOORS FRAMES, AND CASING.
B. ALL EXISTING DOORS, FRAMES, AND DOOR HARDWARE TO BE RESTORED, UNLESS OTHERWISE NOTED AS NEW.

GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

STATE OF GEORGIA · ANTONIN AECK · CERTIFICATE NO. 009 · REGISTERED ARCHITECT

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	KR DRAWN: KG/JA TECH. REVIEW: ST/TR/MCM DATE: 2005 FEB. 09	A503	DOOR SCHEDULE EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	489 80,032 PKG. NO. 111 SHEET 52 OF 99



1 A504 STAINED GLASS WINDOWS



2 A504 CLOSE UP OF WINDOW HEAD



3 A504 ORIGINAL WINDOW HARDWARE



4 A504 ORIGINAL WINDOW HARDWARE



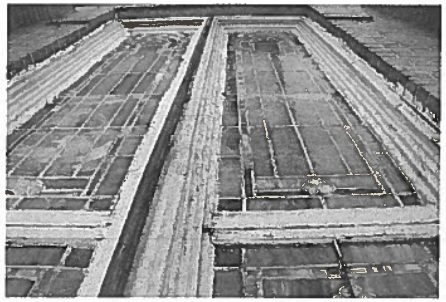
5 A504 STAINED GLASS WINDOWS



6 A504 W2



7 A504 W2



8 A504 W2



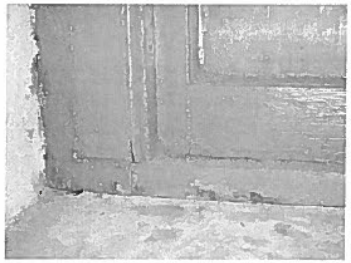
9 A504 W2



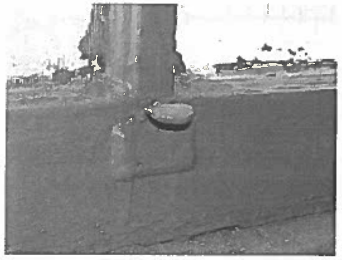
10 A504 STAIR WINDOWS



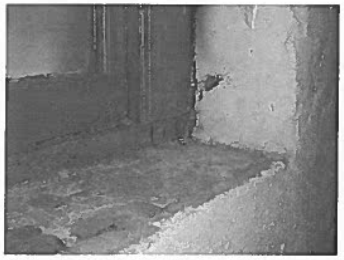
11 A504 FELLOWSHIP HALL WINDOWS



12 A504 FELLOWSHIP HALL WINDOW SILL

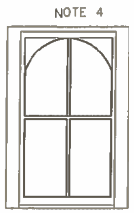


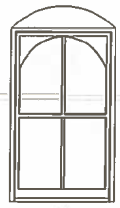
13 A504 FELLOWSHIP HALL WINDOW SILL



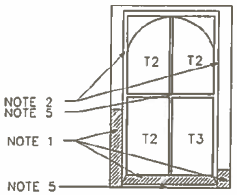
14 A504 FELLOWSHIP HALL WINDOW SILL

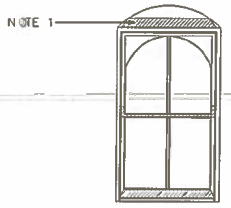
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT:	DESIGNED: KR, KMG DRAWN: KMG TECH. REVIEW: KR DATE: 2004 FEB 16	SUB SHEET NO. A504	TITLE OF SHEET: WINDOW PHOTOGRAPHS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,020 PKG NO. — —	SHEET 47 OF 84



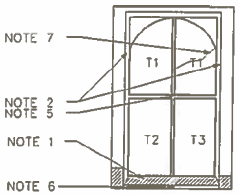


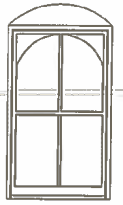
1 A505 FELLOWSHIP HALL WINDOW E7B



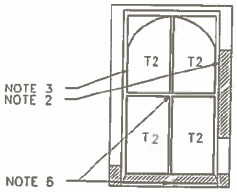


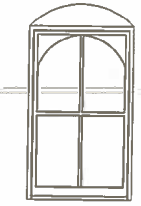
2 A505 FELLOWSHIP HALL WINDOW E6B



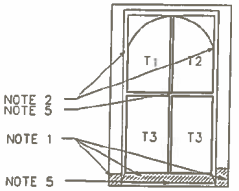


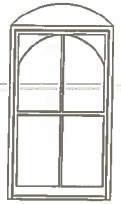
3 A505 FELLOWSHIP HALL WINDOW E5B



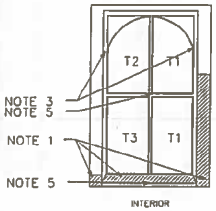


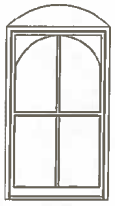
4 A505 FELLOWSHIP HALL WINDOW E4B



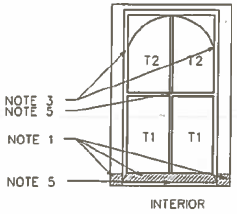


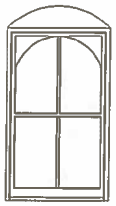
5 A505 FELLOWSHIP HALL WINDOW E4B



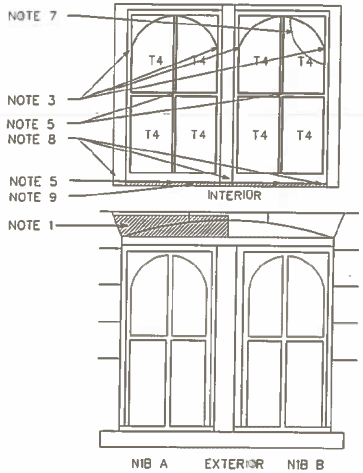


6 A505 FELLOWSHIP HALL WINDOW E2B

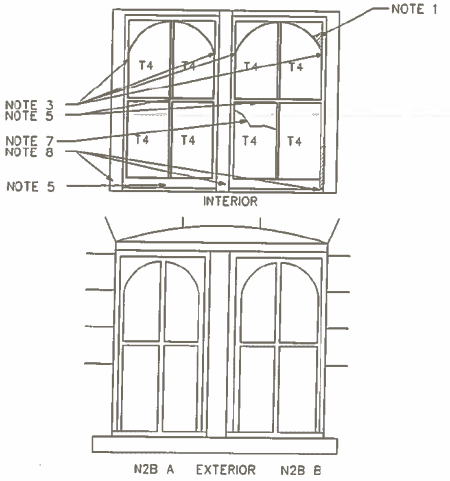




7 A505 FELLOWSHIP HALL WINDOW E1B



8 A505 FELLOWSHIP HALL WINDOW N1B



9 A505 FELLOWSHIP HALL WINDOW N2B

2 0 2 4
SCALE OF FEET

SHEET SPECIFIC NOTES

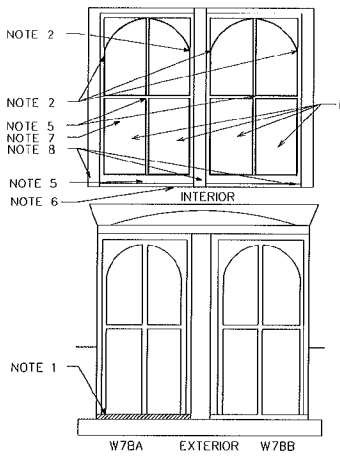
ALL WINDOWS HAVE CRACKED AND PEELING PAINT, FAILED GLAZING, AND NAIL HOLES ON BOTH THE INTERIOR AND EXTERIOR FRAMES AND SASHES. ALL WINDOWS ARE MISSING INTERIOR WOOD SILLS UNLESS OTHERWISE NOTED. CAULKING BETWEEN THE WINDOW AND BRICK WALL ON EXTERIOR IS FAILING. IN ADDITION THE FOLLOWING NOTES IDENTIFY ADDITIONAL CONDITIONS TO BE ADDRESSED AND THE EXTENT THERE OF.

1. REPAIR LOOSE, ROTTED, EXPOSED OR MISSING WOOD AREA SHOWN BY SHADING PER 08590- WINDOW RESTORATION.
2. RESTORE EXISTING WINDOW ROPES
3. REPLACE WINDOW ROPES
4. WINDOW IS NOT ACCESSIBLE FOR INSPECTION. ASSUME ALL TYPICAL EXISTING CONDITIONS ARE PRESENT.
5. REPLACE HARDWARE PER A503
6. NOT USED
7. REPLACE CRACKED GLASS LITE
8. BLACK AND BROWN STAINING AT SILL & LOWER PORTION OF WINDOW.
9. SILL IS PRESENT
10. EXPOSED WOOD THROUGHOUT

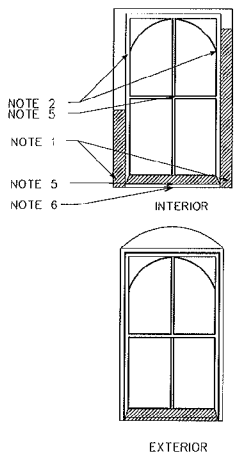
T1 - GLASS TYPE - STRIATED LINES
T2 - GLASS TYPE - MODELD GLASS ON ONE SIDE. APPEARS TO BE OLDER
T3 - GLASS TYPE - OTHER
T4 - OPULESCENT ART GLASS

ALL WINDOWS SHALL BE CLEANED, REGLAZED, CRACKS AND HOLES FILLED, PAINT REMOVED. INTERIOR SILLS REPLACED AND OPENING MECHANISMS (ROPES) RESTORED PER SPECIFICATION 08590. IN ADDITION TO THE GENERAL TREATMENT OUTLINED IN THE SPECIFICATIONS, THE FOLLOWING MATERIAL TREATMENT KEYNOTES DESCRIBE ADDITIONAL WORK TO BE PERFORMED.

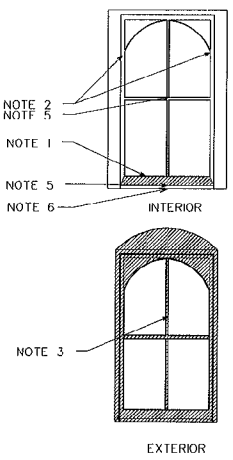
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA	DESIGNED: KR, KMG	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 489 80,020
CONSULTANT:	DRAWN: KMG	A505	WINDOW RESTORATION	PKG. NO. — — —
	TECH. REVIEW: KR		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	SHEET 48 OF 84
	DATE: 2004 FEB 16			



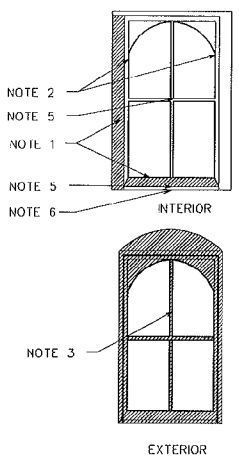
1 A505 FELLOWSHIP HALL WINDOW W7B
SCALE A



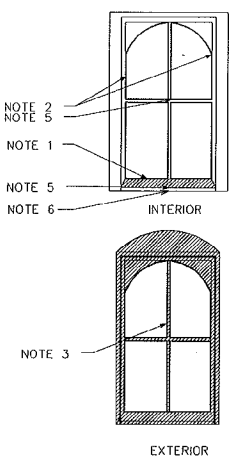
2 A506 FELLOWSHIP HALL WINDOW W1B
SCALE A



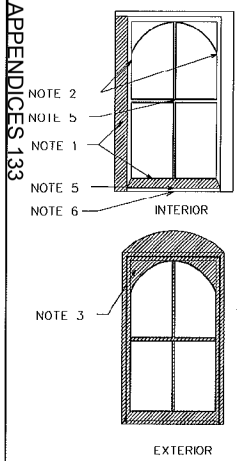
3 A506 FELLOWSHIP HALL WINDOW W2B
SCALE A



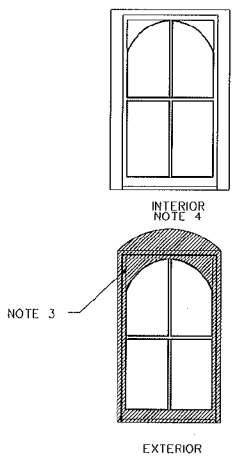
4 A506 FELLOWSHIP HALL WINDOW W3B
SCALE A



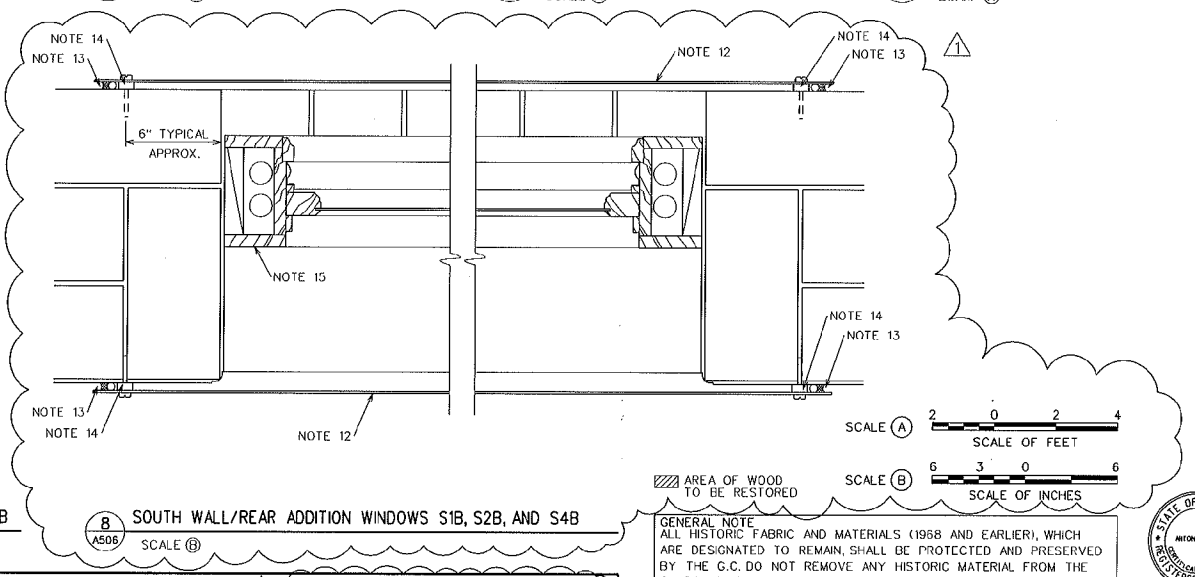
5 A506 FELLOWSHIP HALL WINDOW W4B
SCALE A



6 A506 FELLOWSHIP HALL WINDOW W5B
SCALE A



7 A506 FELLOWSHIP HALL WINDOW W6B
SCALE A



8 A506 SOUTH WALL/REAR ADDITION WINDOWS S1B, S2B, AND S4B
SCALE B

▨ AREA OF WOOD TO BE RESTORED

GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

SHEET SPECIFIC NOTES
ALL WINDOWS HAVE CRACKED AND PEELING PAINT, FAILED GLAZING, AND NAIL HOLES ON BOTH THE INTERIOR AND EXTERIOR FRAMES AND SASHES. ALL FELLOWSHIP HALL WINDOWS ARE MISSING INTERIOR WOOD SILLS UNLESS OTHERWISE NOTED. CAULKING BETWEEN THE WINDOW AND BRICK WALL ON EXTERIOR IS FAILING. IN ADDITION THE FOLLOWING NOTES IDENTIFY ADDITIONAL CONDITIONS TO BE ADDRESSED AND THE EXTENT THERE OF:

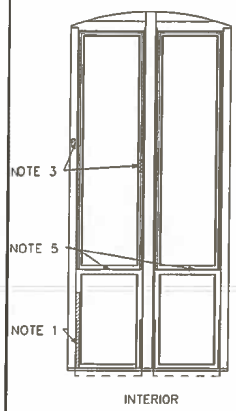
1. REPAIR LOOSE, ROTTED, EXPOSED OR MISSING WOOD AREA SHOWN BY SHADING PER 08590 - WINDOW RESTORATION.
2. INSTALL WINDOW ROPES.
3. RESTORE EXPOSED WOOD
4. WINDOW IS NOT ACCESSIBLE FOR INSPECTION. ASSUME ALL TYPICAL EXISTING CONDITIONS ARE PRESENT.
5. ADDRESS HARDWARE PER A502.
6. RESTORE FRAME. INSTALL PLASTER SILL.
7. NOT USED.
8. CLEAN AND RESTORE WOOD WINDOW IN AREA OF BLACK AND BROWN STAINING AT SILL & LOWER PORTION OF WINDOW.
9. REPLACE EXISTING PANE WITH G1 GLASS- (STRIATED LINES, BOTH SIDES, MATCH EXISTING)
10. REPLACE EXISTING PANE WITH G2 GLASS (MODELED GLASS ONE SIDE, OLDEST GLASS, MATCH EXISTING).
11. REPLACE EXISTING PANE WITH G3 GLASS (OPALESCENT ART GLASS, MATCH EXISTING)
12. INSTALL ACRYLIC PLEXIGLASS SHEET ON BOTH SIDES OF EXISTING WINDOW OPENING.
13. INSTALL BACKER ROD AND SEALANT AROUND PERIMETER OF ACRYLIC PLEXIGLASS SHEET.
14. INSTALL ALL SCREWS IN THE MORTAR JOINT, VERTICAL OR HORIZONTAL, WITH PILOT HOLES.
15. EXISTING WINDOWS AT S2B AND S4B NOT TO BE RESTORED.

NOTE:
ALL WINDOWS SHALL BE CLEANED, REGLAZED, CRACKS AND HOLES FILLED, PAINT REMOVED, INTERIOR SILLS REPLACED AND ALL MECHANISMS RESTORED PER SPEC. 08590.
TYPICAL WINDOW DETAILS SHOWN ON A510.

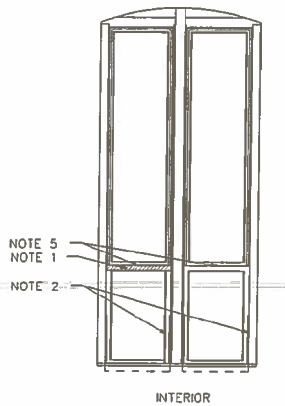
1 10/23/07

STATE OF GEORGIA · ANTONN AECK · REGISTERED ARCHITECT

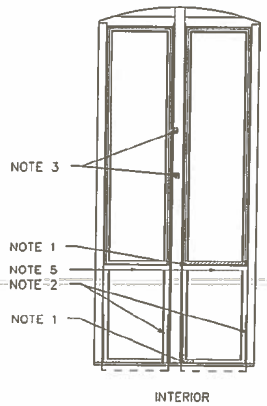
A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	DESIGNED: KR DRAWN: KG/JA RECH. REVIEW: ST/TR/MCM DATE: 2005 FEB. 09	SUB SHEET NO. A506	TITLE OF SHEET: WINDOW RESTORATION EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO. 111 SHEET 55 OF 99



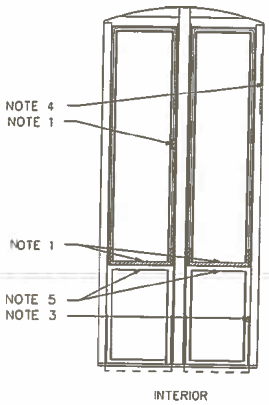
1 A507 SANCTUARY WINDOWS - W6



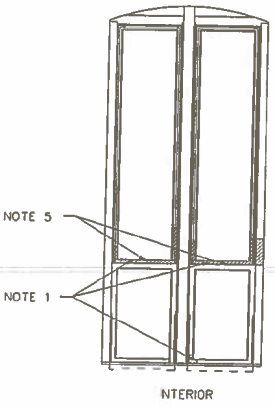
2 A507 SANCTUARY WINDOWS - W5



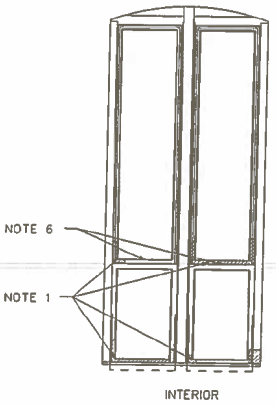
3 A507 SANCTUARY WINDOWS - W4



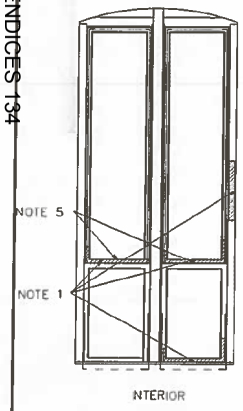
4 A507 SANCTUARY WINDOWS - W3



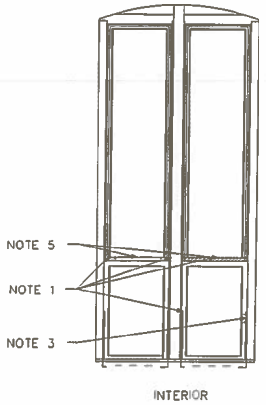
5 A507 SANCTUARY WINDOWS - W2



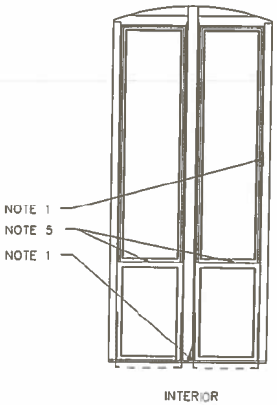
6 A507 SANCTUARY WINDOWS - W1



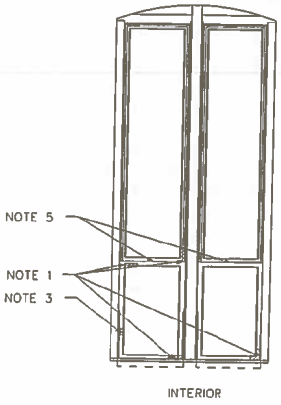
7 A507 SANCTUARY WINDOWS - E1



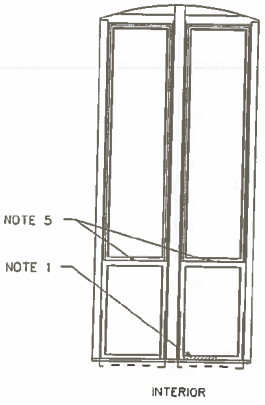
8 A507 SANCTUARY WINDOWS - E2



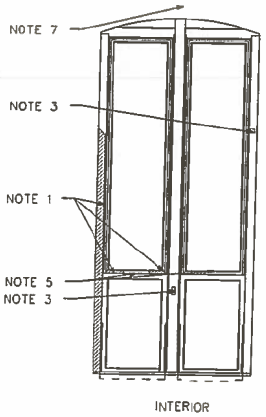
9 A507 SANCTUARY WINDOWS - E3



10 A507 SANCTUARY WINDOWS - E4



11 A507 SANCTUARY WINDOWS - E5



12 A507 SANCTUARY WINDOWS - E6

2 0 2 4
SCALE OF FEET

SHEET SPECIFIC NOTES

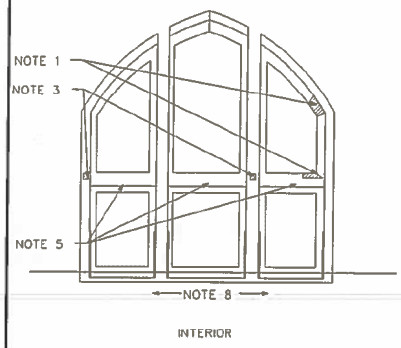
A. ALL STAINED GLASS WINDOWS ARE DRAWN AND MAPPED ON INTERIOR ELEVATIONS ONLY. TYPICAL EXTERIOR CONDITIONS PREVIOUSLY OBSERVED WITH PLEXIGLASS COVERS REMOVED INCLUDE DETERIORATED SILLS, LOOSE JOINTERY AND CRACKED AND PEELING PAINT. REMOVE ALL PAINT LAYERS AND RESTORE EXTERIOR OF WINDOWS PER SPEC SECTION 08590. REPLACE SILLS TYP. IMPLEMENT THE FOLLOWING INSTRUCTIONS AS NOTED ABOVE:

B. RESTORE STAINED GLASS PER 08812 - STAINED GLASS RESTORATION.

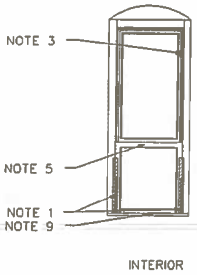
SHEET SPECIFIC NOTES

1. REPAIR LOOSE, SPLINTERING, ROTTED, OR DAMAGED WOOD. AREA SHOWN BY SHADING PER SPECIFICATION SECTION 08590 - WINDOW RESTORATION.
2. REPLACE HARDWARE PER A503
3. FILL HOLE(S) IN WOOD.
4. PEELING PAINT
5. REPLACE HARDWARE PER A503
6. NOT USED.
7. REPAIR PLASTER WATER DAMAGE ABOVE HEAD PER 09280 - PLASTER REPAIR.
8. AREA NOT VISIBLE FOR INSPECTION. LINE INDICATES LIMIT OF VISIBILITY.
9. REPLACE MISSING SILL TRIM.
10. DOUBLE HUNG WINDOW.
11. REPLACE MISSING WINDOW ROPES
12. ENTIRE SASH COVERED BY PLYWOOD-INACCESSIBLE.
13. EVIDENCE OF MOISTURE INFILTRATION.
14. RESTORE EXISTING ROPES

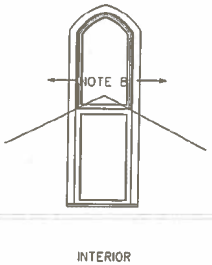
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA	DESIGNED: KR, KMG	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 489 80,020
CONSULTANT:	DRAWN: KMG	A507	WINDOW RESTORATION	PKG. NO. — — —
	TECH. REVIEW: KR		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	SHEET 50 OF 84
	DATE: 2004 FEB 16			



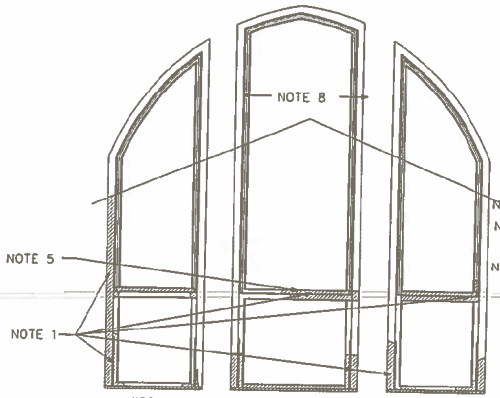
1 A508 SANCTUARY WINDOWS - W2G



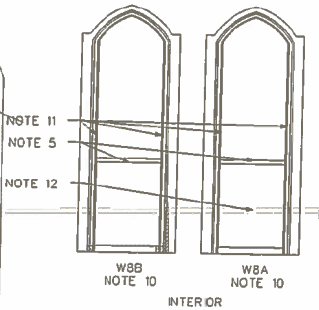
2 A508 SANCTUARY WINDOWS - W7



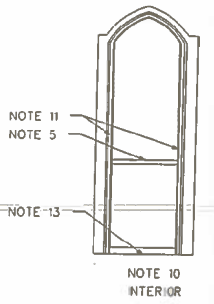
3 A508 SANCTUARY WINDOWS - E7



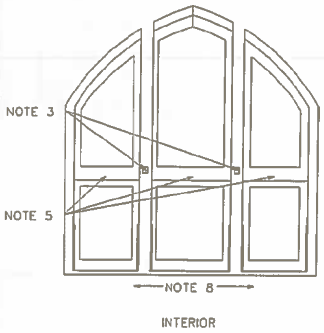
4 A508 SANCTUARY WINDOWS - NIGC, NIGB, NIGA



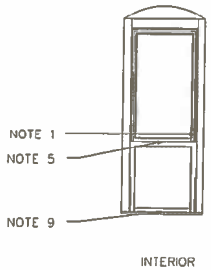
5 A508 STAIR WINDOWS - W8B & W8A



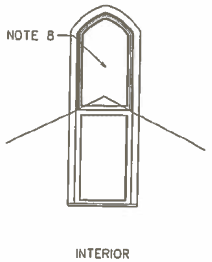
6 A508 STAIR WINDOW - N5



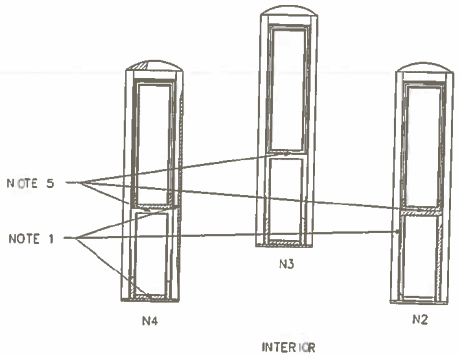
7 A508 SANCTUARY WINDOWS - E2G



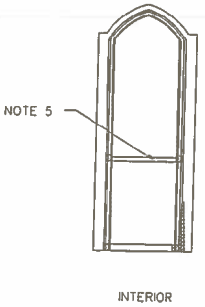
8 A508 SANCTUARY WINDOWS - E7



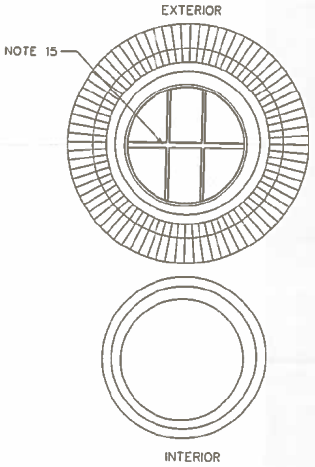
9 A508 SANCTUARY WINDOWS - E7



10 A508 SANCTUARY WINDOWS - N4, N3, N2



11 A508 STAIR WINDOW - N1



12 A508 ROUND WINDOW - S1G

2 0 2 4
SCALE OF FEET

SHEET SPECIFIC NOTES

A. ALL STAINED GLASS WINDOWS ARE DRAWN AND MAPPED ON INTERIOR ELEVATIONS ONLY. TYPICAL EXTERIOR CONDITIONS PREVIOUSLY OBSERVED WITH PLEXIGLASS COVERS REMOVED INCLUDE DETERIORATED SILLS, LOOSE JOINTERY AND CRACKED AND PEELING PAINT. REMOVE ALL PAINT LAYERS AND RESTORE EXTERIOR OF WINDOWS PER SPEC. SECTION 08590. REPLACE SILLS TYP. IMPLEMEMENT THE FOLLOWING INSTRUCTIONS AS NOTED ABOVE:

B. RESTORE STAINED GLASS PER 08812 - STAINED GLASS RESTORATION.

SHEET SPECIFIC NOTES

1. REPAIR LOOSE, SPLINTERING, ROTTED, OR DAMAGED WOOD. AREA SHOWN BY SHADING PER SPECIFICATION SECTION 08590 - WINDOW RESTORATION.
2. REPLACE HARDWARE PER A503
3. FILL HOLE(S) IN WOOD.
4. PEELING PAINT
5. REPLACE HARDWARE PER A503
6. NOT USED
7. REPAIR PLASTER WATER DAMAGE ABOVE HEAD PER 09280 - PLASTER REPAIR.
8. AREA NOT VISIBLE FOR INSPECTION. LINE INDICATES LIMIT OF VISIBILITY.
9. REPLACE MISSING SILL TRIM.
10. DOUBLE HUNG WINDOW.
11. REPLACE MISSING WINDOW ROPES
12. ENTIRE SASH COVERED BY PLYWOOD-INACCESSIBLE.
13. EVIDENCE OF MOISTURE INFILTRATION.
14. RESTORE EXISTING ROPES

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA

DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16

SUB SHEET NO. A508

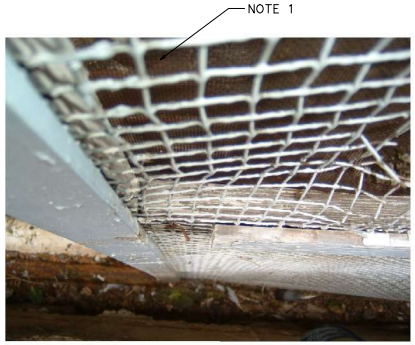
TITLE OF SHEET: WINDOW RESTORATION

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,020
PKG NO. —
SHEET 51 OF 84



1 A509 FELLOWSHIP HALL SCREEN

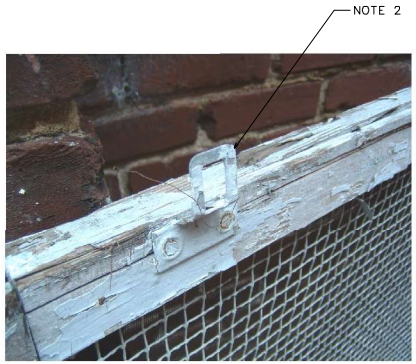


2 A509 FELLOWSHIP HALL SCREEN

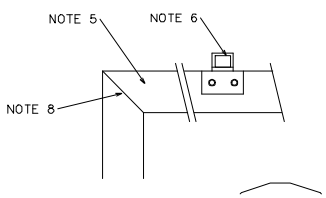
GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.



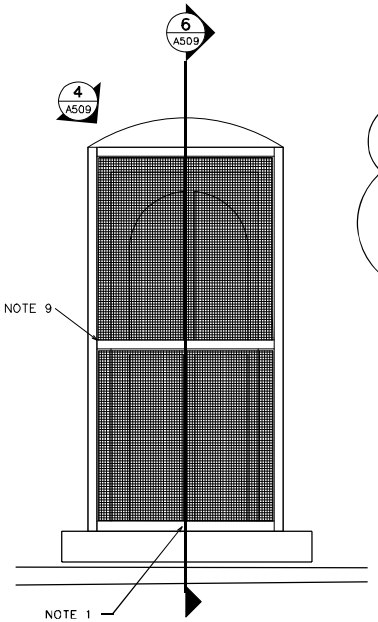
3 A509 FELLOWSHIP HALL SCREEN



4 A509 FELLOWSHIP HALL SCREEN

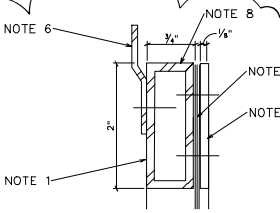


7 A509 PROPOSED SCREEN AT CORNER
SCALE

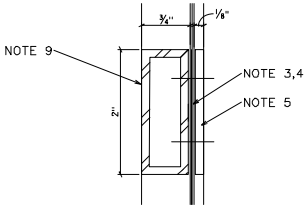


5 A509 PROPOSED & EXISTING SCREEN ELEVATION, TYP.
SCALE (B)

1 08/23/07



8 A509 SCREEN DETAIL
NOT TO SCALE



9 A509 SCREEN DETAIL
NOT TO SCALE

6 A509 PROPOSED & EXISTING SCREEN SECTION, TYP.
SCALE (C)

SCALE (A) 6 3 0 6
SCALE OF INCHES

SCALE (B) 2 0 2 4
SCALE OF FEET

SCALE (C) 2 0 2 4
SCALE OF FEET

GENERAL NOTES
A. SCOPE OF WORK INCLUDES BUT IS NOT LIMITED TO THE NOTES CALLED OUT ON THIS SHEET. SEE DRAWINGS AND SPECIFICATIONS FOR EXTENT OF WORK.

1

SHEET SPECIFIC NOTES
1. REBUILD EXISTING FELLOWSHIP HALL SCREENS WITH BRUSHED STAINLESS STEEL METAL FRAMES. PHOTOGRAPHS INDICATE EXISTING COMPONENTS TO BE REPLICATED.
2. REPLICATE HARDWARE.
3. INSTALL ½" x ½" x .04" DIA. SQUARE SS WIRE CLOTH.
4. INSTALL 18 x 14 .009 SS 304 INSECT SCREEN.
5. BRUSHED STAINLESS STEEL TUBE FRAME WITH BRUSHED SS BAR TO SECURE WIRE CLOTH AND INSECT SCREEN WITH SELF TAPPING STAINLESS STEEL SCREWS.
6. PROVIDE NEW HEAVY GUAGE METAL SCREEN SS SASH HANGER TO MATCH EXISTING AT TOP OF FRAME.
8. CORNERS OF FRAME TO BE MITERED AND WELDED.
9. INTEGRAL MUNTIN TO BE MATERIAL FITTED AND WELDED.
10. INSET FLUSH SS MAGNETIC CATCH AT LOWER WOOD FRAME, SAGATSUNE MODEL NO. JM-49.

STATE OF GEORGIA · ANTONIN AECK · CERTIFICATE NO. 5961 · REGISTERED ARCHITECT

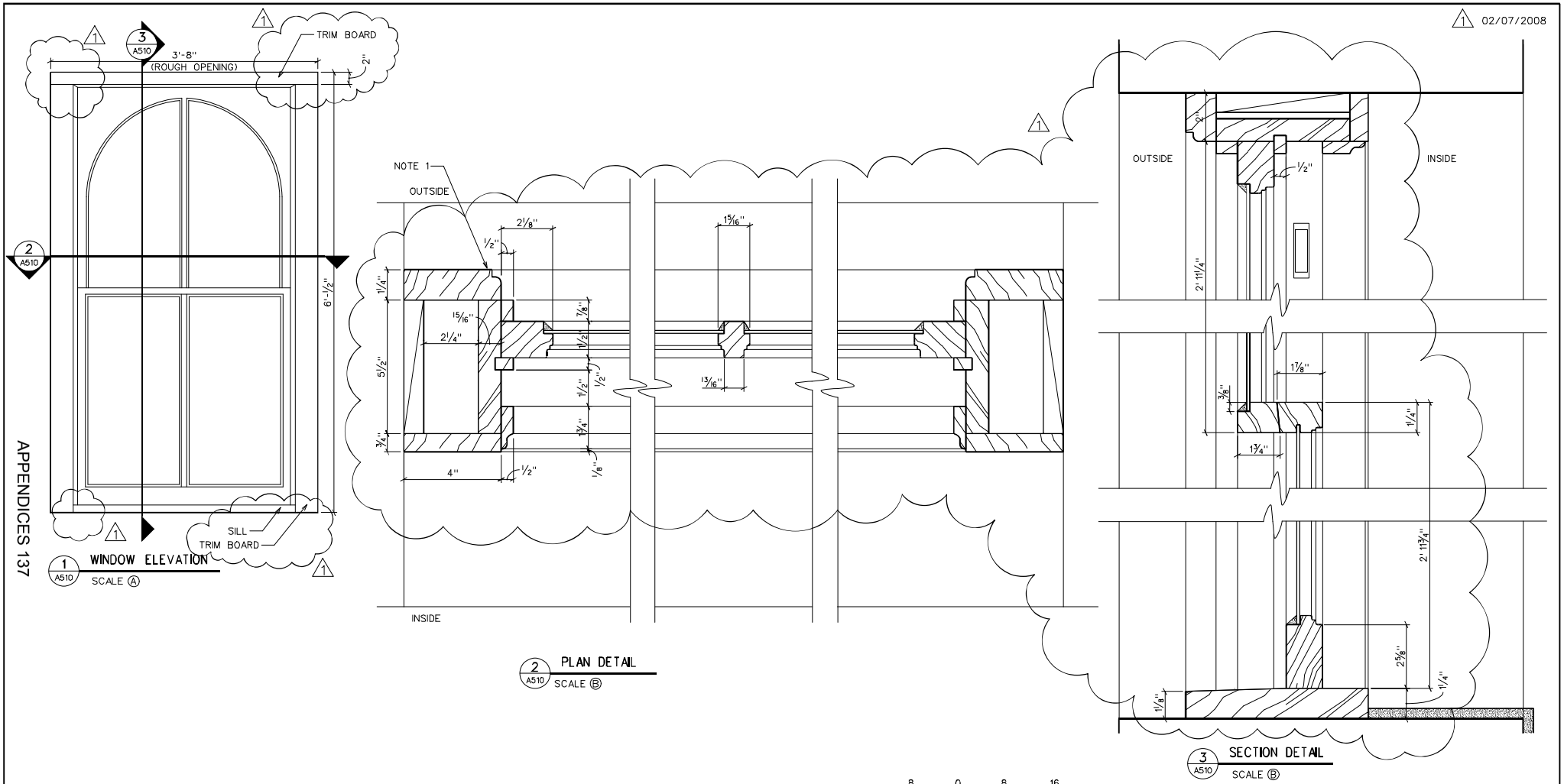
A/E FIRM
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT:

DESIGNED: KR
DRAWN: KG/JA
TECH. REVIEW: ST/TR/MCM
DATE: 2005 FEB. 09

SUB SHEET NO. A509

TITLE OF SHEET
EXISTING FELLOWSHIP HALL SCREENS PHOTOGRAPHS
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,032
PKG. NO. 111
SHEET 58 OF 99



APPENDICES 137

1 A510 WINDOW ELEVATION
SCALE (A)

2 A510 PLAN DETAIL
SCALE (B)

3 A510 SECTION DETAIL
SCALE (B)

SCALE (A) 8 0 8 16
SCALE OF INCHES

SCALE (B) 2 0 2 4
SCALE OF INCHES

GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

STATE OF GEORGIA · ANTONIN AECK · CERTIFICATE NO. 2901 · REGISTERED ARCHITECT

MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES
1. MATCH EXISTING WINDOW PROFILE.

A/E FIRM
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT:

DESIGNED: KR
DRAWN: KG/JA
TECH. REVIEW: ST/TR/MCM
DATE: 2005 FEB. 09

SUB SHEET NO. A510

TITLE OF SHEET
WINDOW DETAILS
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,032
PKG. NO. 111
SHEET 59
OF 99

UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / SOUTHEAST REGION / ARCHITECTURE DIVISION - 100 ALABAMA STREET SW ATLANTA GA 30303-3104



1 A511 DOOR 203



2 A511 DOOR 203



3 A511 DOOR 204



4 A511 DOOR 204



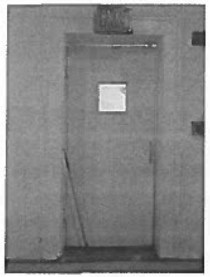
5 A511 DOOR 300A



6 A511 DOOR 300A



7 A511 DOOR 300B



8 A511 DOOR 300B



9 A511 DOOR 200A



10 A511 DOOR 200B



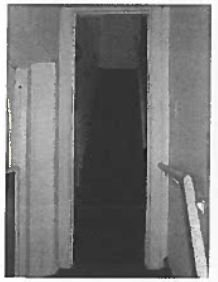
11 A511 DOOR 200B



12 A511 DOOR 110



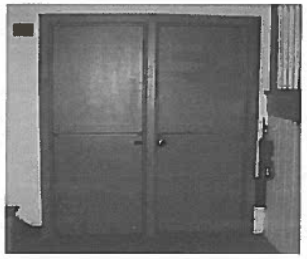
13 A511 DOOR 110



14 A511 OPENING FOR DOOR 002



15 A511 DOOR 102



16 A511 DOOR 102



17 A511 DOOR 100



18 A511 DOOR 100

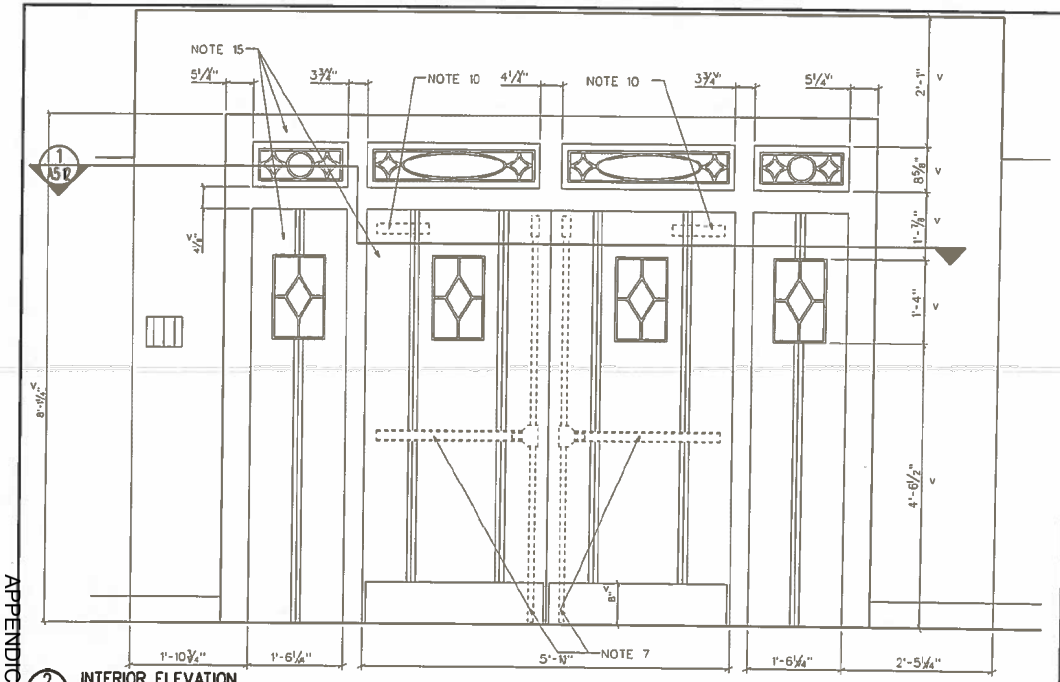


19 A511 DOOR 001

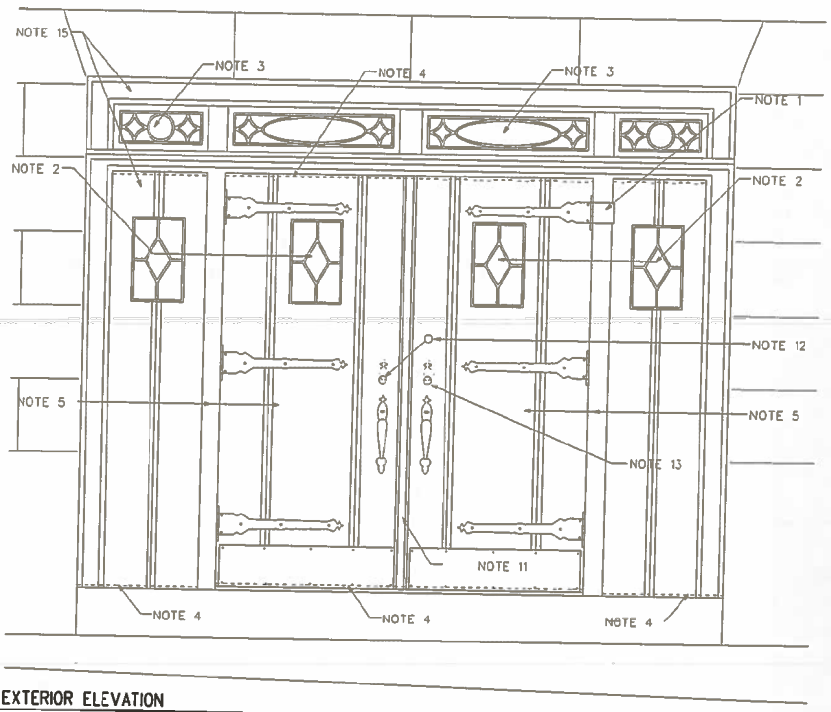


20 A511 DOOR 001

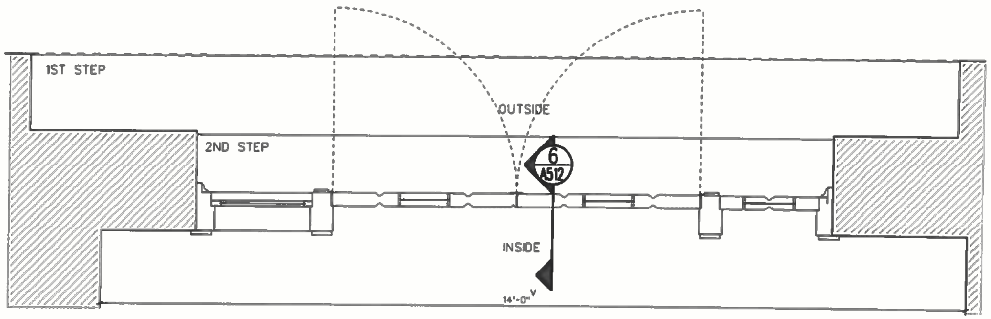
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT:	DESIGNED: KR, KMG DRAWN: KMG TECH. REVIEW: KR DATE: 2004 FEB 16	SUB SHEET NO. A511	TITLE OF SHEET: DOOR PHOTOGRAPHS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,020 PKG. NO. SHEET 54 OF 84



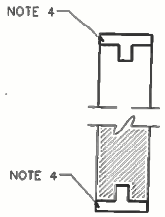
2 A512 INTERIOR ELEVATION
SCALE B



3 A512 EXTERIOR ELEVATION
SCALE B

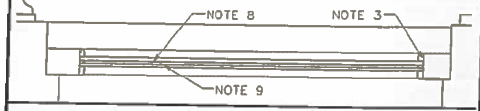


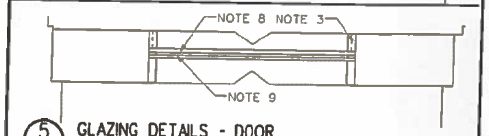
1 A512 PLAN - ENTRANCE DOORS
SCALE B



6 A512 SECTION DETAILS - DOOR
SCALE A

4 A512 GLAZING DETAILS - TRANSOM
SCALE A





5 A512 GLAZING DETAILS - DOOR
SCALE A

SCALE (A) 1 0 1 2
SCALE OF FEET
SCALE (B) ¼ 0 ¼ ½
SCALE OF FEET

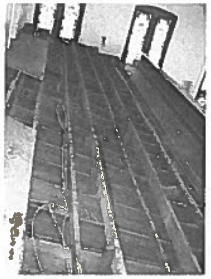
MATERIAL KEYNOTES	GENERAL NOTES

SHEET SPECIFIC NOTES
1. REPAIR ORIGINAL HINGE & REMOVE TEMP. REPAIR.
2. SHAVE ½" OFF TOP AND BOTTOM OF DOORS/ PANELS. ROUTE CENTER BY ANOTHER ⅝" & APPLY T-SHAPED HARDWOOD EDGING TO PROTECT GRAIN AGAINST WATER PENETRATION (SHOP APPLICATION ONLY).
3. GLUE AND TIGHTEN ALL LOOSE JOINTS OF DOOR CORE AND SURFACE/VENEER BOARDS ON BOTH SIDES, INSIDE AND OUT.
4. REMOVE EXISTING KICK PLATES. STRIP TO BARE METAL. PREPARE TO APPLY TIGER DRYLAC SERIES 19 POWDER COATING WITH MATTE SURFACE.
5. REMOVE EXISTING PANIC HARDWARE, INSTALL NEW HARDWARE
6. NOT USED
7. STAINED GLASS (EXISTING).
8. REMOVE EXISTING DOOR CLOSERS. INSTALL NEW.
9. REMOVE EXISTING ASTRAGAL TO INSTALL NEW CONCEALED PANIC HARDWARE. PROTECT ASTRAGAL DURING REMOVAL AND REINSTALL FOLLOWING HARDWARE INSTALLATION
10. REMOVE EXISTING CYLINDER LOCKS AND REPAIR WOOD DOOR.
11. USE EXISTING HOLE TO INSTALL NEW CYLINDER FOR EXIT DEVICE
12. EXISTING OPALESCANT GLASS AND ⅜" LEADING.
13. PREPARE AND PAINT ALL EXTERIOR WOOD SURFACES OF DOORS, SIDE PANELS, FRAMES AND TRANSOMS. FOR INTERIOR FINISH CONTACT CONTRACTING OFFICER

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
LORD, AECK & SARGENT ATLANTA GA	KR, KMG	A512	MAIN ENTRANCE DOOR DETAILS	489 80,020
	DRAWN KMG		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. — SHEET 55
	TECH. REVIEW KR			— of 84
	DATE 2004 FEB 16			



1 A513 PLAN ELEVATION DETAIL ETC.



2 A513 BALCONY- FLOORING REMOVED



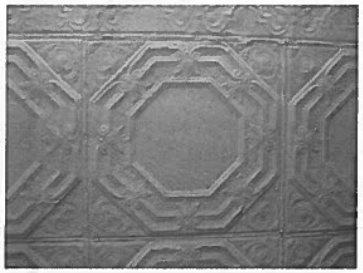
3 A513 CONNECTION AT NORTH EAST WALL OF REAR BALCONY



4 A513 CONNECTION AT NORTH WEST WALL OF BALCONY



5 A513 BALCONY BALUSTRADE - VIEW FROM BALCONY



6 A513 PRESSED TIN CEILING UNDER BALCONY



7 A513 INTERSECTION OF BALCONY AND PRESSED TIN CEILING UNDER BALCONY



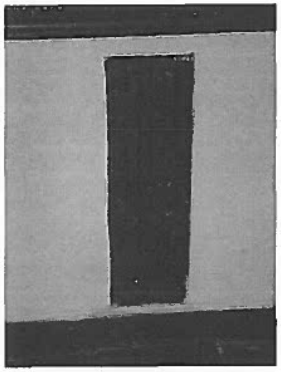
8 A513 EXISTING BALCONY - GENERAL VIEW



9 A513 PRESSED TIN COVERING OVER MAIN BALCONY BEAM



10 A513 CONNECTION OF BALCONY AT WEST WALL



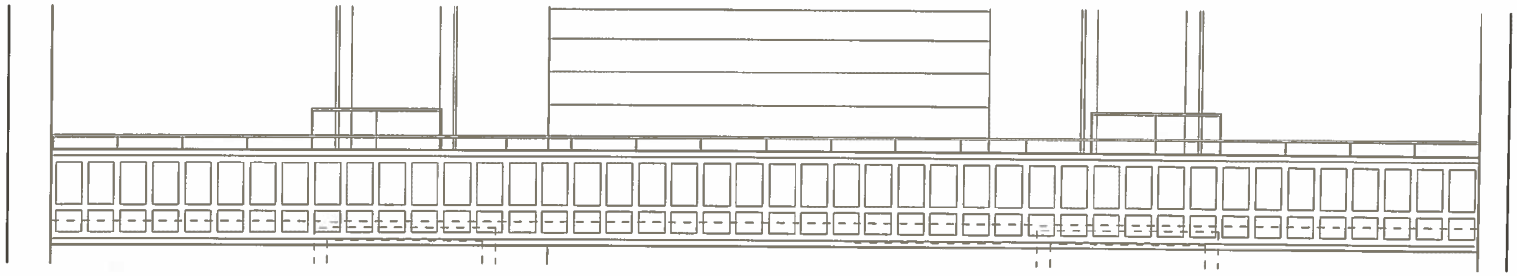
11 A513 WAINSCOT - TYPICAL CONDITION WITH GYPSUM BOARD REMOVED



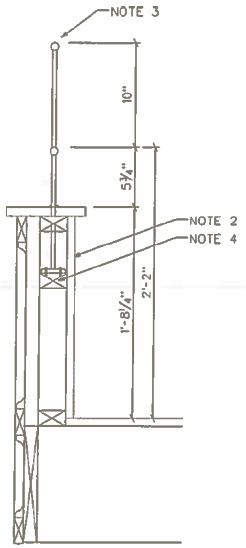
12 A513 WAINSCOT - AT AREA OF EXPECTED DAMAGE

APPENDICES 140

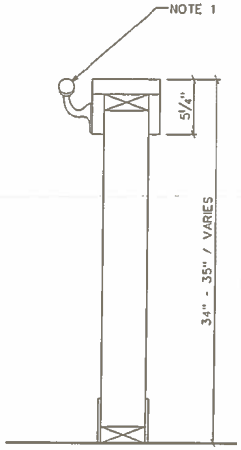
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA. CONSULTANT:	DESIGNED: KR, KMG; DRAWN: KMG; TECH. REVIEW: KR; DATE: 2004 FEB 16	SUB SHEET NO.: A513	TITLE OF SHEET: BALCONY & WAINSCOT PHOTOGRAPHS — EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO.: 489 80,020; PRJ. NO.: —; SHEET: 56 OF 84



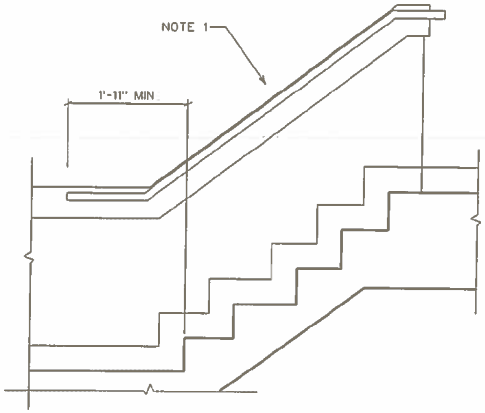
1 / A514 ELEVATION AT BALCONY BALUSTRADE
SCALE (C)



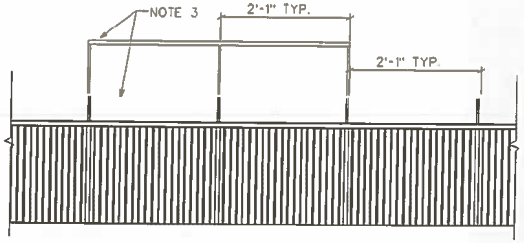
2 / A514 SECTION AT BALCONY BALUSTRADE
SCALE (B)



3 / A514 SECTION AT STAIR TOWER HANDRAIL
SCALE (A)



4 / A514 PARTIAL INTERIOR ELEV. AT TOWER HANDRAIL
SCALE (B)

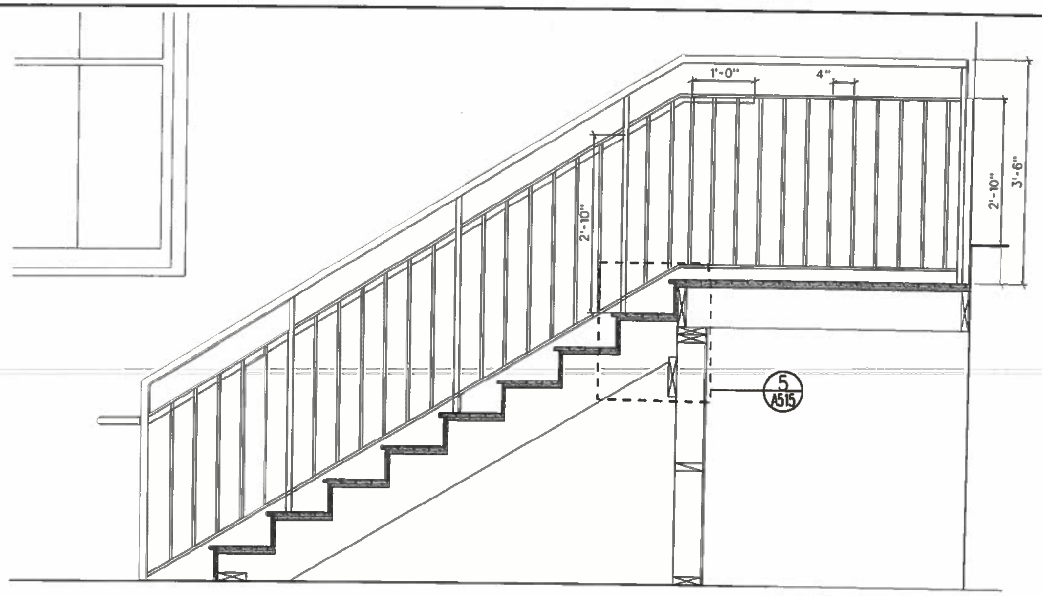


6 / A514 PARTIAL INTERIOR ELEV. AT BALUSTRADE
SCALE (C)

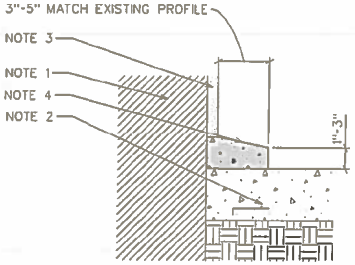
SCALE (A) 12 6 0 12 SCALE OF INCHES
SCALE (B) 1 0 1 2 SCALE OF FEET
SCALE (C) 4 0 4 8 SCALE OF FEET

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES
		1. NEW PAINTED 1-1/2" O.D. STEEL HANDRAIL TO BE ADDEDED TO EXISTING LOW WALL / RAILING. 2. BEAD BOARD CLADDING AT INTERIOR OF EXISTING BALUSTRADE TO BE CAREFULLY REMOVED FOR THE COMPLETION OF STRUCTURAL REPAIRS. CAP AND FACE PANELS AT BALLUSTRADE TO REMAIN IN PLACE. 3. NEW PAINTED 1-1/2" O.D. STEEL GUARDRAIL TO BE INSTALLED AT TOP OF EXISTING BALLUSTRADE 4. NEW GUARDRAIL TO BE ANCHORED AT INTERIOR OF BALLUSTRADE. 5. SEE SHEET 11/S6 FOR REQUIRED STRUCTURAL MODFICATIONS TO EXISTING BALLUSTRADE.

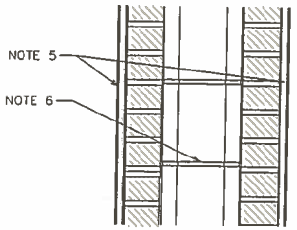
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:
DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16
SUB SHEET NO. A514
TITLE OF SHEET: BALUSTRADE & STAIR RAIL DETAILS
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE
DRAWING NO. 489
80,020
PROJ. NO.
SHEET 57 OF 84



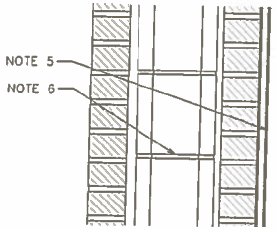
1 / A515 ELEVATION AT NEW RAILINGS, TYP.



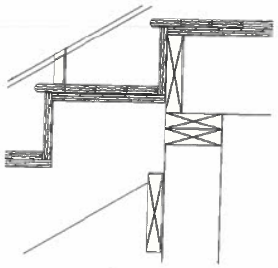
2 / A515 WATER TABLE DETAIL
SCALE (A)



3 / A515 INFILL WALL AT SANCTUARY DOORS
SCALE (A)



4 / A515 INFILL WALL AT BAPTISTERY
SCALE (A)



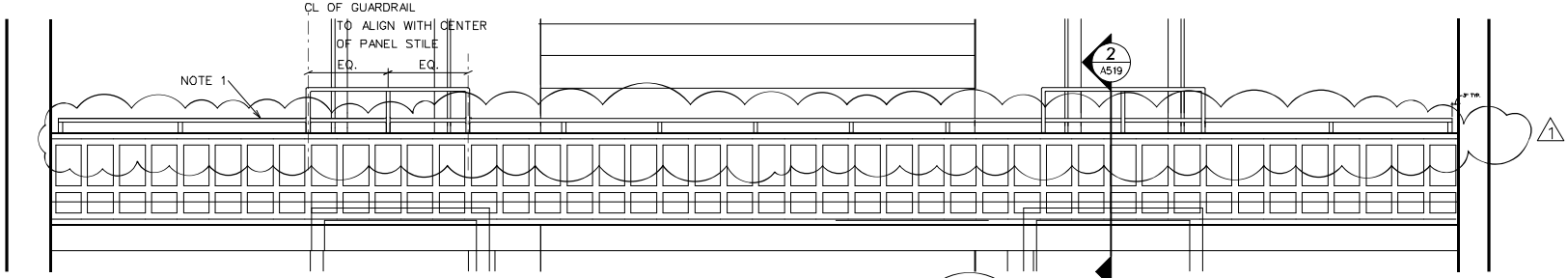
5 / A515 STAIR DETAIL
SCALE (A)

SCALE (A) 12 6 0 12 SCALE OF INCHES

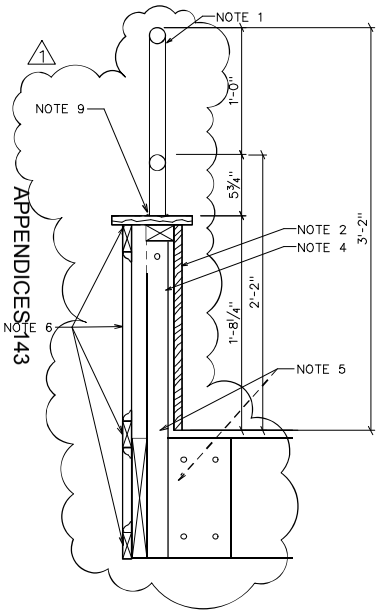
SCALE (B) 1 0 1 2 SCALE OF FEET

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES
		1. EXISTING MASONRY WALL TO REMAIN 2. EXISTING CONCRETE SIDEWALK TO REMAIN 3. EXISTING STUCCO TO REMAIN OR BE REPAIRED SEE ARCHITECTURAL ELEVATIONS. 4. INSTALL NEW CONCRETE WATER TABLE WHERE MISSING. PAINT TO MATCH STUCCO. 5. INSTALL NEW TWO COAT PLASTER FLUSH WITH EXISTING WALLS. 6. INSTALL NEW MASONRY WALL

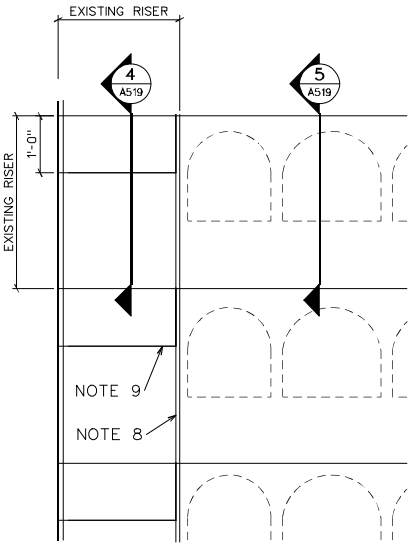
A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
LORD, AECK & SARGENT ATLANTA GA	KR, KMG	A515	DETAILS	489 80,020
CONSULTANTS	DRAWN KMG		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. — SHEET 58
	TECH. REVIEW KR			— OF 84
	DATE 2004 FEB 16			



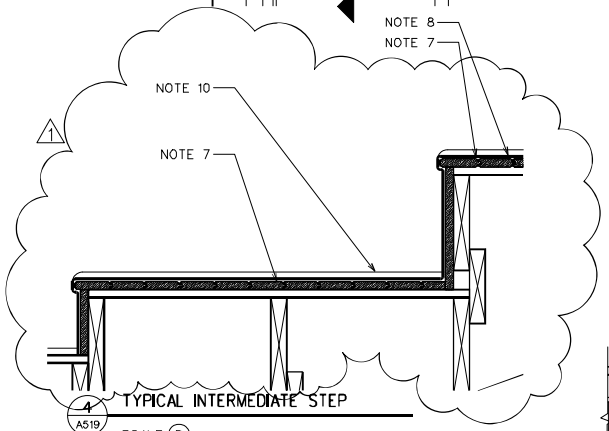
1 A519 ELEVATION AT BALCONY BALUSTRADE
SCALE A



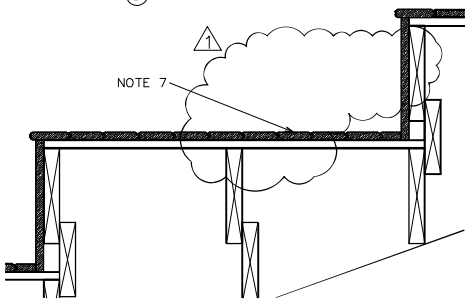
2 A519 SECTION AT BALCONY BALUSTRADE
SCALE B



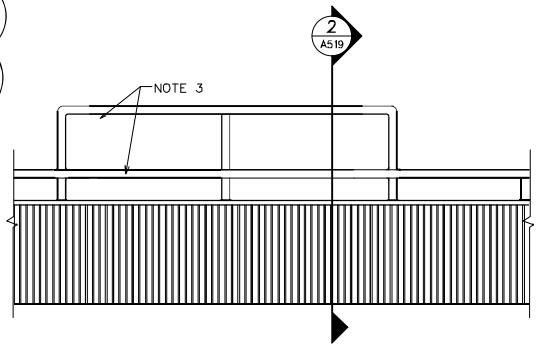
3 A519 BALCONY STEP PLAN
SCALE C



4 A519 TYPICAL INTERMEDIATE STEP
SCALE B



5 A519 TYPICAL RISER
SCALE B



6 A519 PARTIAL INTERIOR ELEV. AT BALUSTRADE
SCALE C

SCALE A 4 0 4 8 SCALE OF FEET
SCALE B 1 0 1 2 SCALE OF FEET
SCALE C 2 0 2 4 SCALE OF FEET

GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

STATE OF GEORGIA ANTONIN AECK CERTIFICATE NO. 13963 REGISTERED ARCHITECT

MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES 1
1. INSTALL (1-1/4" SCH. 40 STEEL HANDRAIL TO EXISTING LOW WALL / RAILING. PAINT PER FINISH SCHEDULE.
2. CAREFULLY REMOVE BEAD BOARD AT INTERIOR OF EXISTING BALUSTRADE FOR THE COMPLETION OF STRUCTURAL REPAIRS. MAINTAIN, PROTECT AND PAINT CAP AND FACE PANELS AT BALUSTRADE. REUSE AND REINSTALL AS MUCH OF THE EXISTING BEAD BOARD AS POSSIBLE. (SEE DETAIL 10/S502.1)
3. REFER TO SPEC. SECTION 05520 FOR ELBOW AND 'T' CONNECTORS AND POST FLANGE.
4. ANCHOR NEW GUARDRAIL TO INTERIOR OF BALUSTRADE. SEE STRUCTURAL 4/S503 AND 6/S503.
5. SEE DETAILS 11/S502 AND 1/S503 FOR REQUIRED STRUCTURAL MODIFICATIONS TO EXISTING BALUSTRADE.
6. BALUSTRADE TO REMAIN IN TACT AFTER REINFORCEMENT. REFINISH PER A501.
7. REINSTALL EXISTING TONGUE AND GROOVE FLOORING. PATCH AS NEEDED W/NEW FLOORING TO MATCH EXISTING. SEE 1/S502 FOR STRUCTURAL INFORMATION.
8. INSTALL CARPET OVER THE AISLES AND REAR BALCONY RISERS. TERMINATE CARPET WITH A METAL TRANSITION STRIP.
9. CORE DRILL EXISTING WOOD TOP CAP TO RECEIVE STEEL HANDRAIL.
10. INSTALL ½" X ½" WOOD SHOE MOLD TO MATCH FLOORING FINISH.

A/E FIRM
FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT:

DESIGNED: KR
DRAWN: KG/JA
TECH. REVIEW: ST/TR/MCM
DATE: 2005 FEB. 09

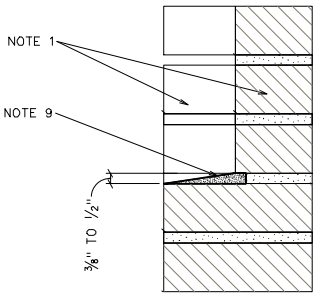
SUB SHEET NO. A519

TITLE OF SHEET
BALUSTRADE & STAIR RAIL DETAILS
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

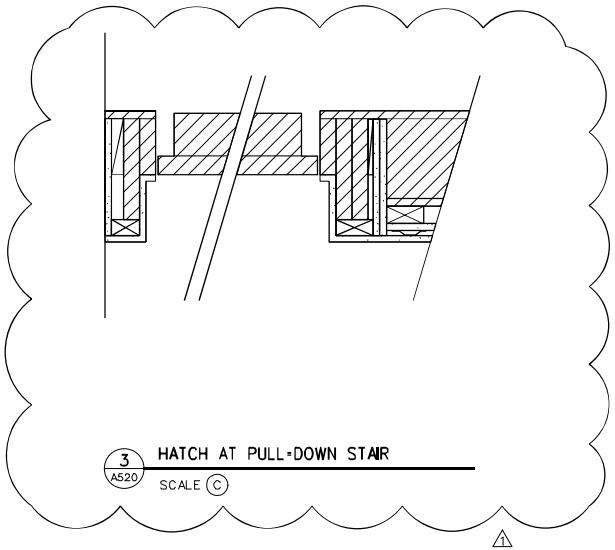
DRAWING NO. 489 80,032
PKG. NO. 111
SHEET 67
OF 99

APPENDICES 143

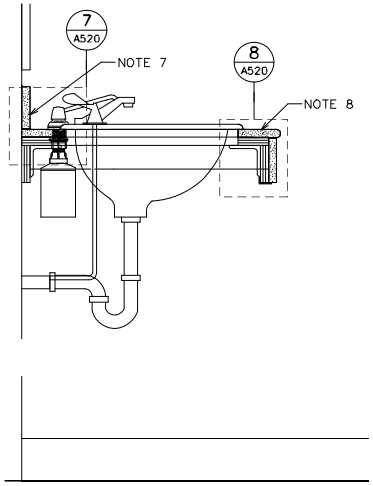
1 07/25/07



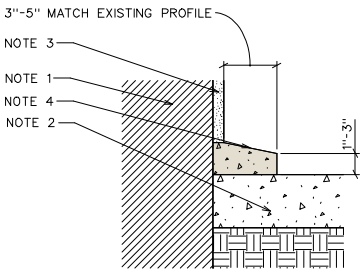
1 A520 PARGE COAT AT MASONRY OPENINGS
SCALE B



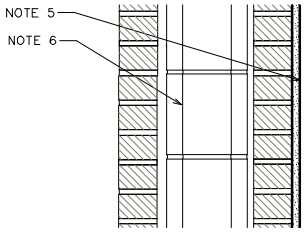
3 A520 HATCH AT PULL-DOWN STAIR
SCALE C



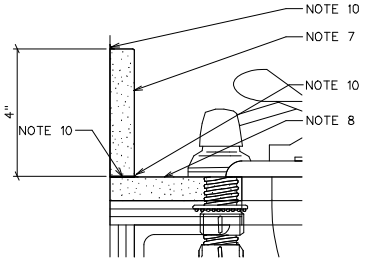
6 A520 COUNTER TOP AT WOMEN'S RESTROOM
SCALE A



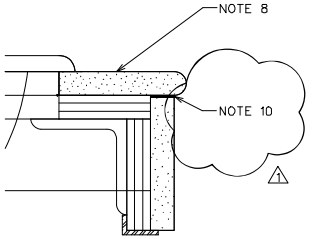
2 A520 WATER TABLE DETAIL
SCALE C



4 A520 INFILL WALL AT BAPTISTERY
SCALE C



7 A520 COUNTER TOP - DETAIL
SCALE B



8 A520 COUNTER TOP - DETAIL
SCALE B

SCALE A 1 0 1 2 SCALE OF INCHES
SCALE B 6 3 0 6 SCALE OF INCHES
SCALE C 12 6 0 12 SCALE OF INCHES

GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

STATE OF GEORGIA · ANTONIN AECK · CERTIFICATE NO. 20[illegible] · REGISTERED ARCHITECT

MATERIAL KEYNOTES

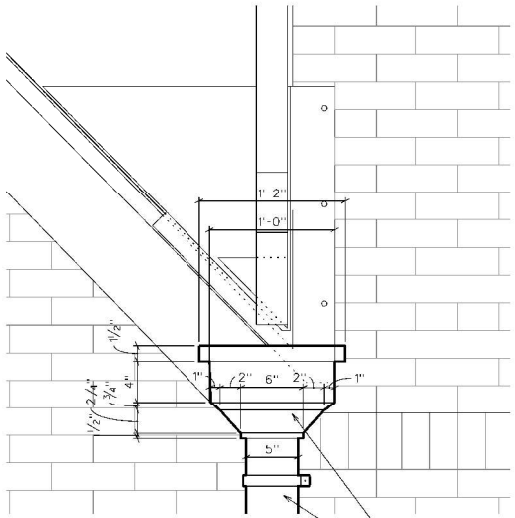
GENERAL NOTES

SHEET SPECIFIC NOTES
1. PROTECT EXISTING MASONRY WALL.
2. PROTECT EXISTING CONCRETE SIDEWALK.
3. REPAIR OR REPLACE EXISTING STUCCO. SEE ARCHITECTURAL ELEVATIONS.
4. INSTALL NEW CONCRETE WATER TABLE WHERE MISSING. PAINT TO MATCH STUCCO.
5. INSTALL NEW TWO COAT PLASTER FLUSH WITH EXISTING WALLS.
6. INSTALL NEW MASONRY WALL.
7. INSTALL ¾" CORIAN BACKSPLASH.
8. INSTALL ¾" CORIAN COUNTERTOP ON ¾" PLYWOOD SUBSTRATE.
9. ALL HORIZONTAL SURFACES TO RECEIVE PARGE COAT.
10. COLOR MATCHED SILICONE SEALANT.

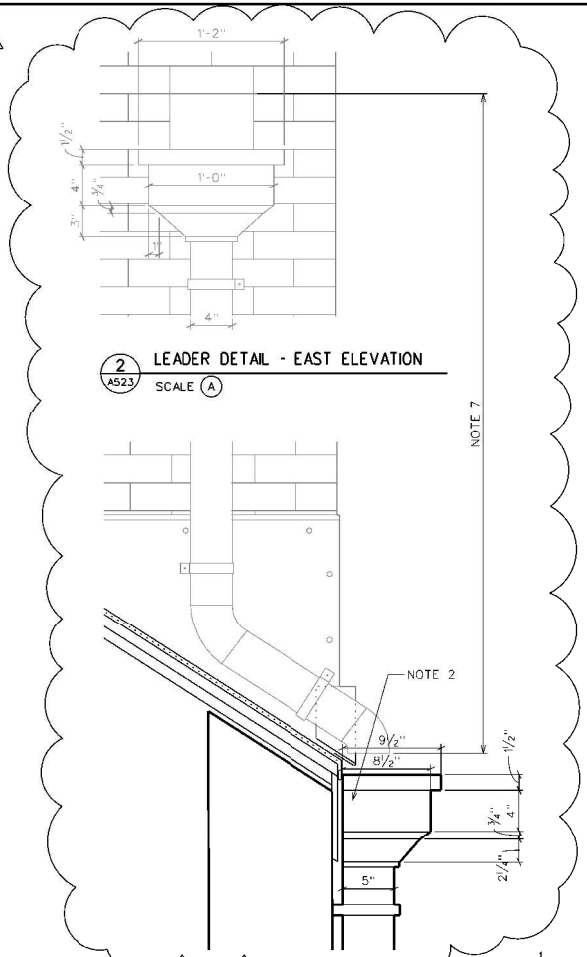
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A/E FIRM PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	DESIGNED: KR DRAWN: KG/JA TECH. REVIEW: ST/TR/MCM DATE: 2005 FEB. 09	SUB SHEET NO. A520	TITLE OF SHEET DETAILS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO. 111 SHEET 68 OF 99	

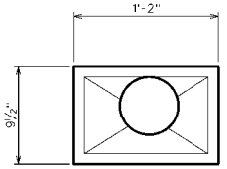
1 11/30/07



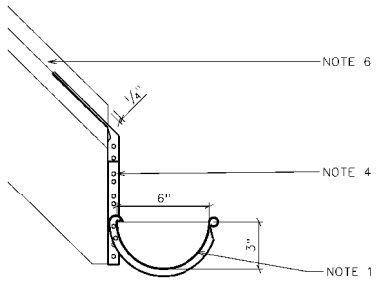
1 A523 LEADER DETAIL - EAST ELEVATION
SCALE (A)



3 A523 LEADER DETAIL - EAST ELEVATION
SCALE (A)



2 A523 LEADER PLAN
SCALE (A)



4 A523 GUTTER DETAIL
SCALE (B)

SCALE (A) 1 0 1 2
SCALE OF FEET
SCALE (B) 12 6 0 12
SCALE OF INCHES

GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

STATE OF GEORGIA · ANTONIN AECK · CERTIFICATE NO. 10551 · REGISTERED ARCHITECT

MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

1. INSTALL 6" DIAMETER 16 GA. LEAD COATED COPPER GUTTERS WITH ADJUSTABLE LEAD COATED COPPER SUB-SHINGLE SHANK HANGERS. SPACE HANGERS AT 2'-6" O.C. MIN., SLOPE GUTTERS 1" PER 16'-0". PAINT DOWNSPOUTS TO MATCH EXTERIOR EAVE TRIM.
2. INSTALL NEW 16 GA. LEAD COATED COPPER LEADER AT EXISTING LOCATIONS.
3. INSTALL 16 GA. LEAD COATED COPPER DOWNSPOUTS TYP. ATTACH WITH STRAPS AT 6'-0" O.C. TYP., PAINT DOWNSPOUTS TO MATCH EXTERIOR EAVE TRIM.
4. INSTALL SHANK EXTENSION AS NECESSARY.
5. INSTALL 4" DIAMETER 16 GA. LEAD COATED COPPER DOWNSPOUT FROM EXISTING TOWER SCUPPER. INSTALL NEW LEADER AT EXISTING SCUPPER.
6. PROTECT AND MAINTAIN EXISTING ROOF AND/OR FLASHING.
7. PROTECT AND MAINTAIN SYSTEM OF CONDUCTOR HEAD AND DOWNSPOUT.

1

A/E FIRM	LORD, AECK & SARGENT, INC. ATLANTA, GA.
DESIGNED	KR
DRAWN	KG/JA
TECH. REVIEW	ST/TR/MCM
DATE	2009 FEB. 09
SUB SHEET NO.	A523

TITLE OF SHEET
RAIN LEADER & GUTTER DETAILS
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO.	489
	80,032
PKG. NO.	111
SHEET	71
	of 99



1 A600 GENERAL VIEW OF SANCTUARY PLASTER



2 A600 EXISTING STAIR 002



3 A600 EXISTING STAIR 002



4 A600 EXISTING STAIR 002



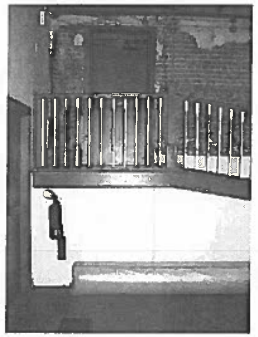
5 A600 FELLOWSHIP HALL PLASTER



6 A600 FELLOWSHIP HALL PLASTER



7 A600 STAIR 003

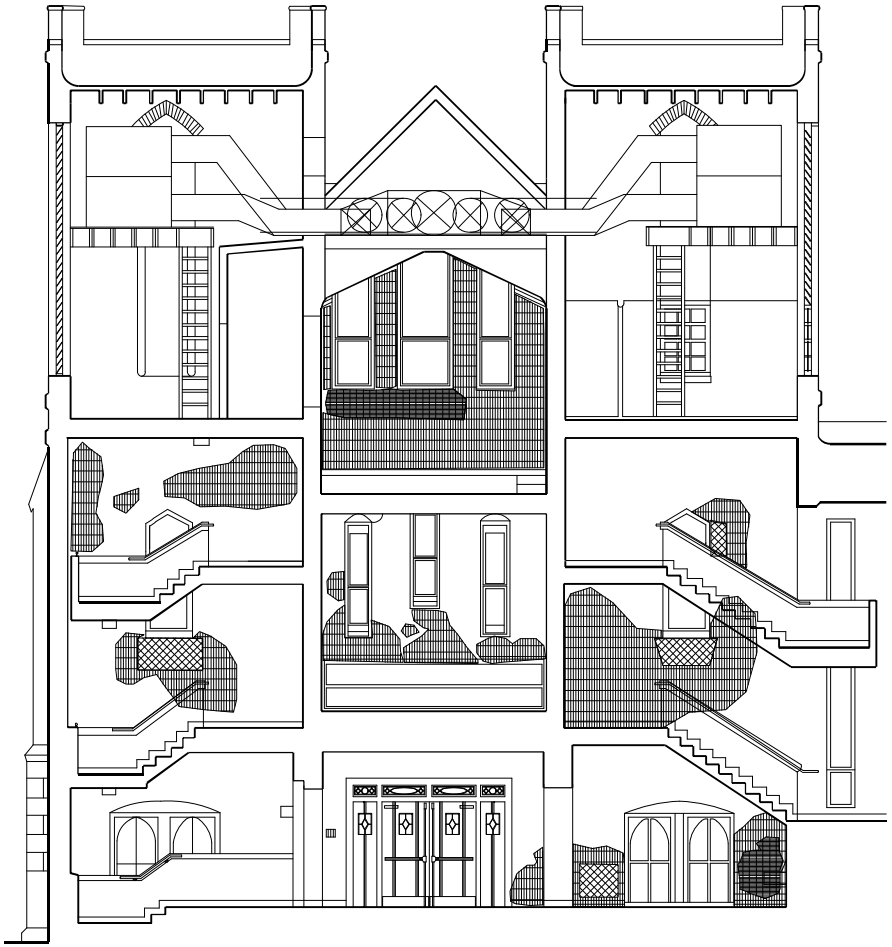


8 A600 EXISTING RAMP & DOOR WDB

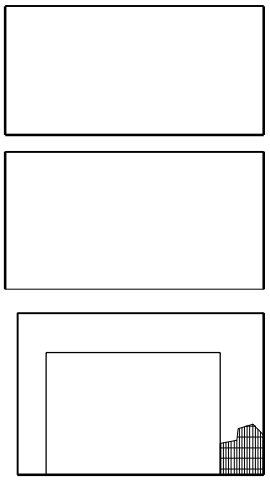


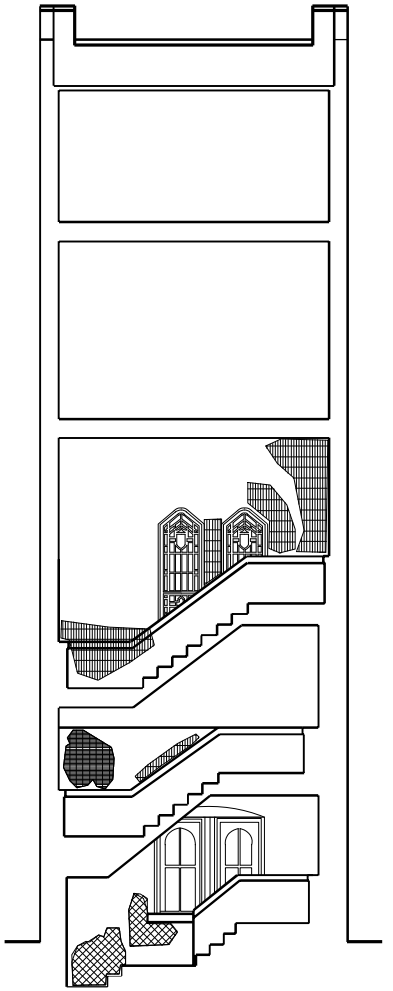
9 A600 FELLOWSHIP HALL PLASTER & EXISTING RAMP

A/E FIRM: PRIME: LORD, AECK & SARGENT ATLANTA GA CONSULTANTS:	DESIGNED: KR, KMG DRAWN: KMG TECH REVIEW: KR DATE: 2004 FEB 16	SUB SHEET NO. A600	TITLE OF SHEET: EXISTING PLASTER AND FELLOWSHIP HALL PHOTOGRAPHS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,020 PKG NO. — SHEET 59 OF 84



GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.





1 A601 STAIR TOWER - NORTH - CROSS SECTION

2 A601 STAIR 004 - WEST - CROSS SECTION

3 A601 STAIR 003 - WEST - CROSS SECTION

STATE OF GEORGIA · ANTONIN AECK · CERTIFICATE NO. 20321 · REGISTERED ARCHITECT

4 0 4 8
SCALE OF FEET

MATERIAL KEYNOTES

GENERAL NOTES

A. SEE A401 FOR CEILING REPAIR IN 1ST LEVEL.

B. MAINTAIN AND PROTECT SOUND PLASTER (FINISH AND BASE COAT). REMOVE ALL PAINT FINISHES FROM PLASTER.

SHEET SPECIFIC NOTES

LEGEND

CONDITIONS INDICATED ABOVE WERE OBSERVED IN OCTOBER OF 2002. ASSUME ALL CONDITIONS (EXCEPT FOR TOTAL REPLACEMENT NOTED ON A604 AND A605) WILL REQUIRE TREATMENT F1 IN SPECIFICATION SECTION 09280-00. ASSUME 3% OF PLASTER WILL REQUIRE TOTAL REMOVAL AND REPLACEMENT PER F2 IN 09280-00. ALL OTHER AREAS TREAT WITH R1, R2 OR R3 PER 09280-00. SEE A309, A310, AND A401 FOR ADDITIONAL PLASTER WORK NOT CALLED OUT ON A601-A605.

REPAIR PLASTER - F1

WET PLASTER - F2 OR F3 (DEPENDING ON SUBSTRATE)

REPAIR PLASTER - F1 & F2

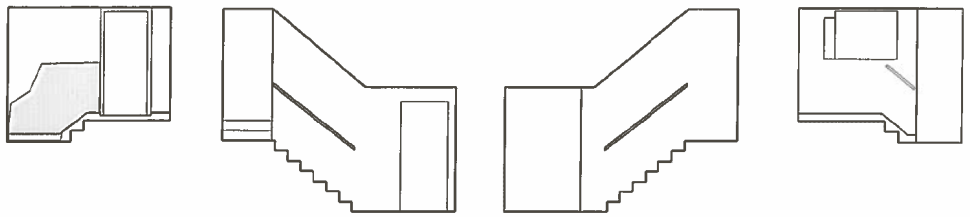
A/E FIRM
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT:

DESIGNED: KR
DRAWN: KG/JA
TECH. REVIEW: ST/TR/MCM
DATE: 2005 FEB. 09

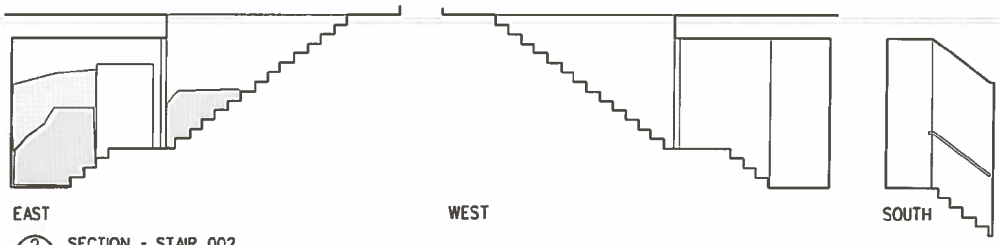
SUB SHEET NO. A601

TITLE OF SHEET
PLASTER REPAIR STAIR TOWERS
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

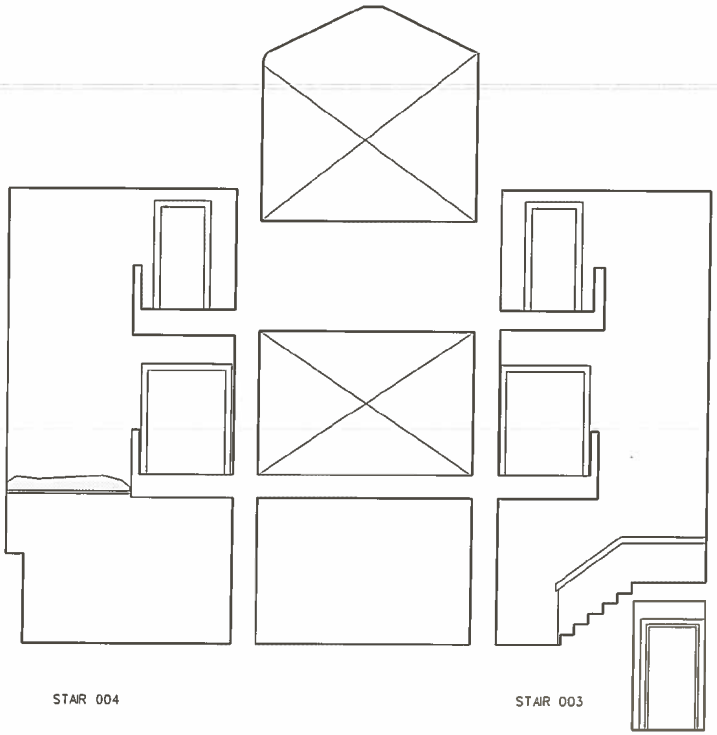
DRAWING NO. 489 80,032
PKG. NO. 111
SHEET 74 OF 99



1 A602 SECTION - STAIR 001



2 A602 SECTION - STAIR 002



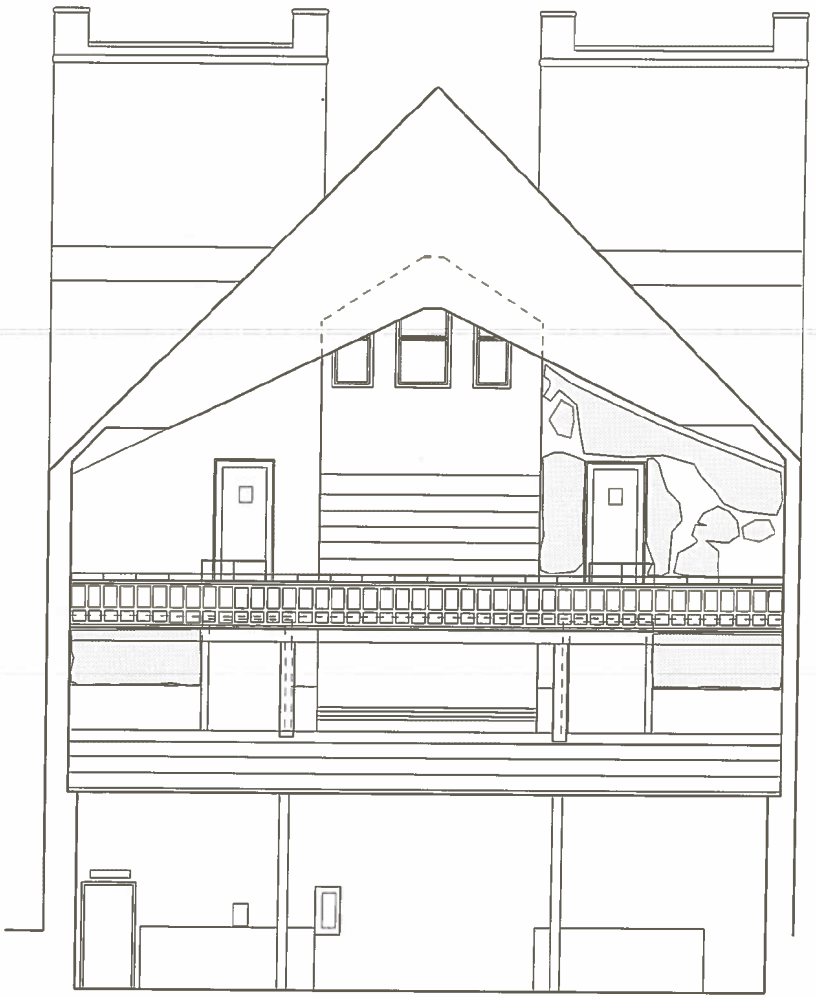
6 INTERIOR ELEVATION - SOUTH - THROUGH STAIR TOWERS

4 0 4 8
SCALE OF FEET

APPENDICES 148

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES	LEGEND
	A. DAMAGED PLASTER TO BE REMOVED AND REPLACED PER SPECIFICATION SECTION 09210 - PLASTER REPAIR. B. SOUND PLASTER (FINISH AND BASE COAT) TO BE LEFT INTACT.		CONDITIONS INDICATED ABOVE WERE OBSERVED IN OCTOBER OF 2002. ASSUME ALL CONDITIONS (EXCEPT FOR TOTAL REPLACEMENT NOTED ON A604 AND A605) WILL REQUIRE TREATMENT F1 IN SPECIFICATION SECTION 09280-00. ASSUME 3% OF PLASTER WILL REQUIRE TOTAL REMOVAL AND REPLACEMENT PER F2 IN 09280-00. ALL OTHER AREAS TREAT WITH R1, R2 OR R3 PER 09280-00. SEE A309, A310, AND A401 FOR ADDITIONAL PLASTER WORK NOT CALLED OUT ON A601-A605. REPAIR PLASTER - CRITICAL REPAIR PLASTER - SERIOUS WET PLASTER

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT ATLANTA GA CONSULTANT:	KR, KMG DRAWN: KMG TECH. REVIEW: KR DATE: 2004 FEB 16	A602	PLASTER REPAIR EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	489 80,020 PKG. NO. — SHEET 61 OF 84



1 / A603 SECTION - INTERIOR ELEVATION

4 0 4 8
SCALE OF FEET

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES	LEGEND
	A. DAMAGED PLASTER TO BE REMOVED AND REPLACED PER SPECIFICATION SECTION 09210 - PLASTER REPAIR. B. SOUND PLASTER (FINISH AND BASE COAT) TO BE LEFT INTACT.		CONDITIONS INDICATED ABOVE WERE OBSERVED IN OCTOBER OF 2002. ASSUME ALL CONDITIONS (EXCEPT FOR TOTAL REPLACEMENT NOTED ON A604 AND A605) WILL REQUIRE TREATMENT F1 IN SPECIFICATION SECTION 09280-00. ASSUME 1/4 OF PLASTER WILL REQUIRE TOTAL REMOVAL AND REPLACEMENT PER F2 IN 09280-00. ALL OTHER AREAS TREAT WITH R1, R2 OR R3 PER 09280-00. SEE A309, A310, AND A401 FOR ADDITIONAL PLASTER WORK NOT CALLED OUT ON A501-A605. REPAIR PLASTER - CRITICAL REPAIR PLASTER - SERIOUS WET PLASTER

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
LORD, AECK & SARGENT ATLANTA GA	KR, KMG	A603	PLASTER REPAIR	489 80,020
CONSULTANT:	DRAWN: KMG		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PROJ. NO. — — —
	TECH. REVIEW: KR			SHEET 62 OF 84
	DATE: 2004 FEB 16			



1 / A604 SECTION - EAST

4 0 4 8
SCALE OF FEET

MATERIAL KEYNOTES

GENERAL NOTES

A. DAMAGED PLASTER TO BE REMOVED AND REPLACED PER SPECIFICATION SECTION 09210 - PLASTER REPAIR.

B. SOUND PLASTER (FINISH AND BASECOAT) TO BE LEFT INTACT.

C. SEE A401 FOR CEILING REPAIR IN 1ST LEVEL.

SHEET SPECIFIC NOTES

LEGEND

CONDITIONS INDICATED ABOVE WERE OBSERVED IN OCTOBER OF 2002. ASSUME ALL CONDITIONS (EXCEPT FOR TOTAL REPLACEMENT NOTED ON A604 AND A605) WILL REQUIRE TREATMENT F1 IN SPECIFICATION SECTION 09280-00. ASSUME 3% OF PLASTER WILL REQUIRE TOTAL REMOVAL AND REPLACEMENT PER F2 IN 09280-00. ALL OTHER AREAS TREAT WITH R1, R2 OR R3 PER 09280-00. SEE A309, A310, AND A401 FOR ADDITIONAL PLASTER WORK NOT CALLED OUT ON A601-A605.

- REPAIR PLASTER - CRITICAL
- REPAIR PLASTER - SERIOUS
- REPLACE PLASTER
- WET PLASTER

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA

DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16

SUB SHEET NO.: A604

TITLE OF SHEET: PLASTER REPAIR - EAST

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,020
PKG. NO. —
SHEET 63 OF 84



1 A605 SECTION - WEST

4 0 4 8
SCALE OF FEET

MATERIAL KEYNOTES

GENERAL NOTES

A. DAMAGED PLASTER TO BE REMOVED AND REPLACED PER SPECIFICATION SECTION 09210 - PLASTER REPAIR.

B. SOUND PLASTER TO BE LEFT INTACT (FINISH AND BASE COAT)

C. SEE A401 FOR CEILING REPAIR IN FIRST LEVEL.

SHEET SPECIFIC NOTES

LEGEND

CONDITIONS INDICATED ABOVE WERE OBSERVED IN OCTOBER OF 2002. ASSUME ALL CONDITIONS (EXCEPT FOR TOTAL REPLACEMENT NOTED ON A604 AND A605) WILL REQUIRE TREATMENT F1 IN SPECIFICATION SECTION 09280-00. ASSUME 3% OF PLASTER WILL REQUIRE TOTAL REMOVAL AND REPLACEMENT PER F2 IN 09280-00. ALL OTHER AREAS TREAT WITH R1, R2 OR R3 PER 09280-00. SEE A309, A310, AND A401 FOR ADDITIONAL PLASTER WORK NOT CALLED OUT ON A601-A605.

- REPAIR PLASTER - CRITICAL
- REPAIR PLASTER - SERIOUS
- REPLACE PLASTER
- WET PLASTER

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:

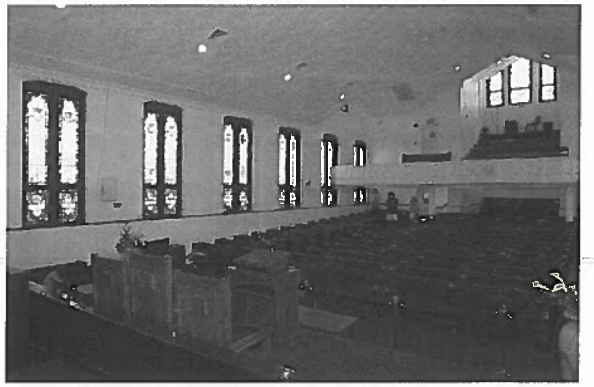
DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16

SUB SHEET NO.: A605

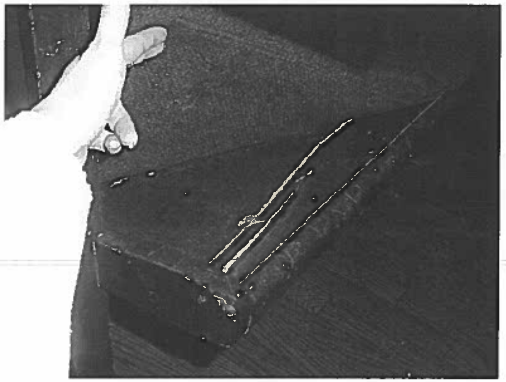
TITLE OF SHEET: PLASTER REPAIR - WEST

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

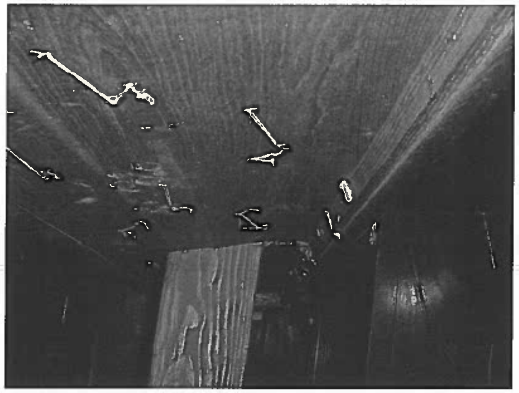
DRAWING NO. 489 80,020
PKG. NO.
SHEET 44 OF 84



1 / A703 SANCTUARY FURNITURE



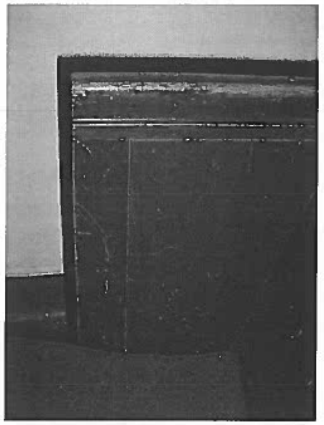
2 / A703 PEW SEAT - TYPICAL EDGE CRACK



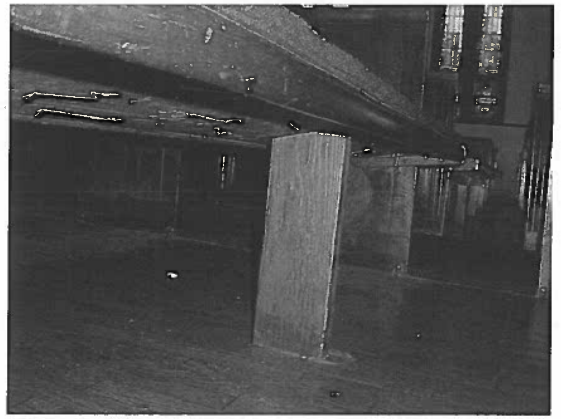
2 / A703 BOTTOM OF PEW SEAT - TYPICAL CONDITION



4 / G003 TRIO OF CHAIRS



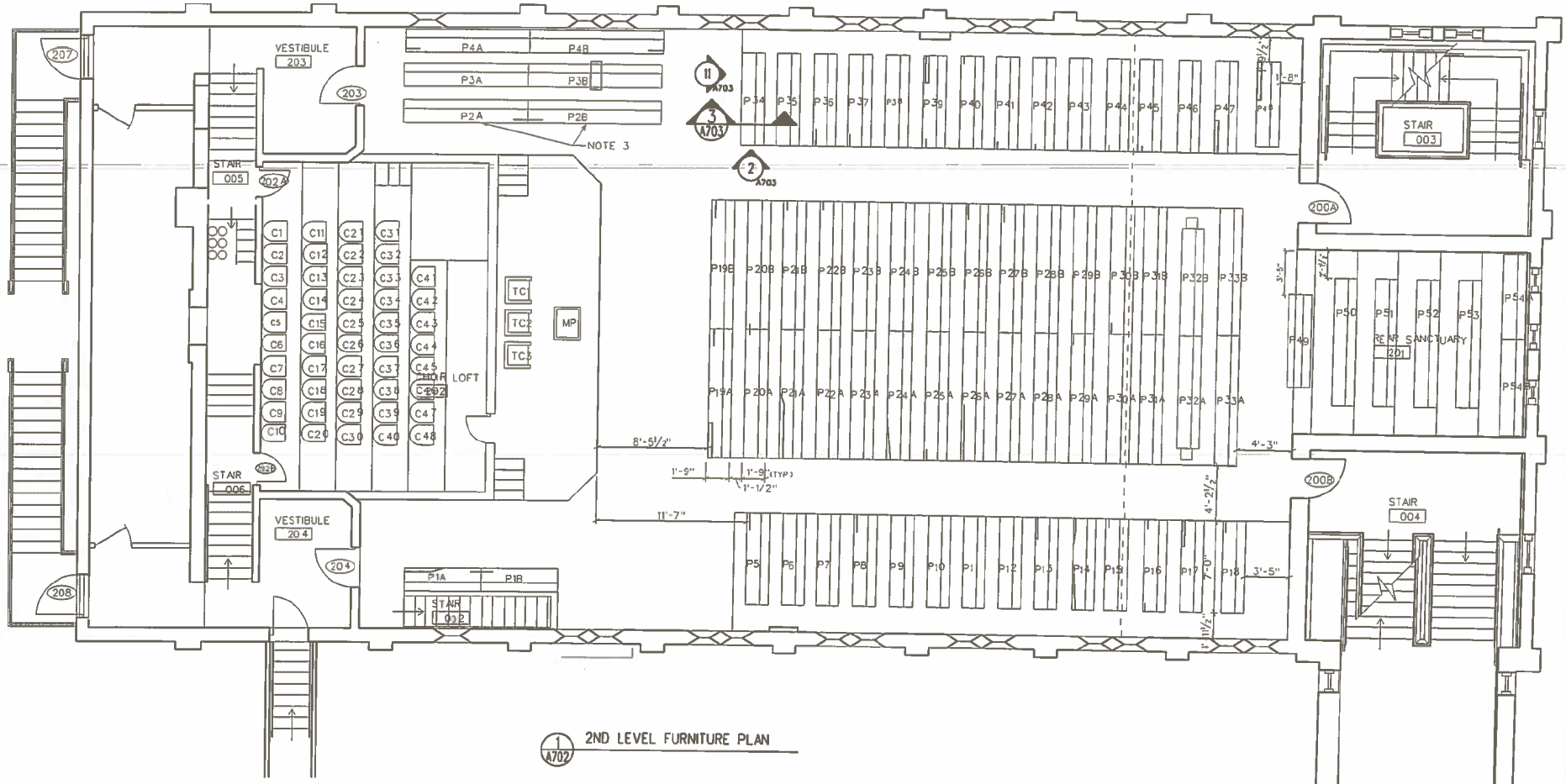
5 / G003 PEW END - TYPICAL CONDITION



5 / G003 PEW - BRACE CONDTION

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:
DESIGNED: KR, KMG
DRAWN: KMG
TECH REVIEW: KR
DATE: 2004 FEB 16
SUB SHEET NO.: A701
TITLE OF SHEET: EXISTING SANCTUARY FURNITURE PHOTOGRAPHS
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE
DRAWING NO.: 489 80,020
PKG. NO.: —
SHEET: 65 OF 84



1/A702 2ND LEVEL FURNITURE PLAN

MATERIAL KEYNOTES

GENERAL NOTES

SHEET SPECIFIC NOTES

1. REMOVE SEAT CUSHIONS AND RETURN TO OWNER.
2. REINFORCE EXISTING CRACKS IN PEWS PER 3/A703.
3. RELOCATE P2A AND P2B PER CONTRACTING OFFICER.

LEGEND

P - PEW
C - CHIOR LOFT CHAIR
TC - TRIO OF CHAIRS
MP - MAIN PULPIT

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:

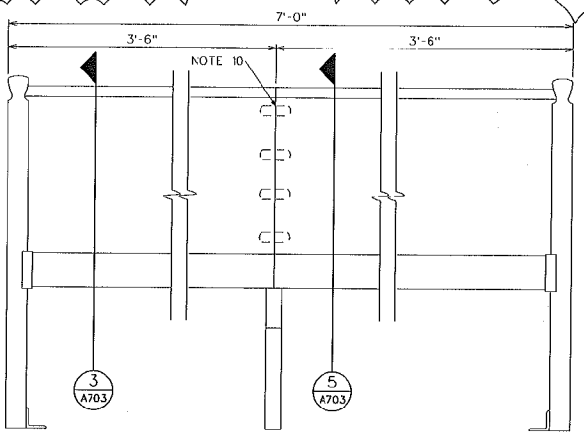
DESIGNED: KR, KMG
DRAWN: KMG
TECH. REVIEW: KR
DATE: 2004 FEB 16

SUB SHEET NO. A702

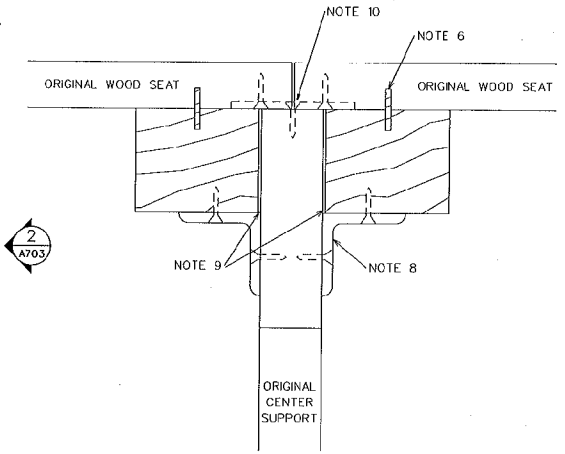
TITLE OF SHEET
2ND LEVEL FURNITURE PLAN

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

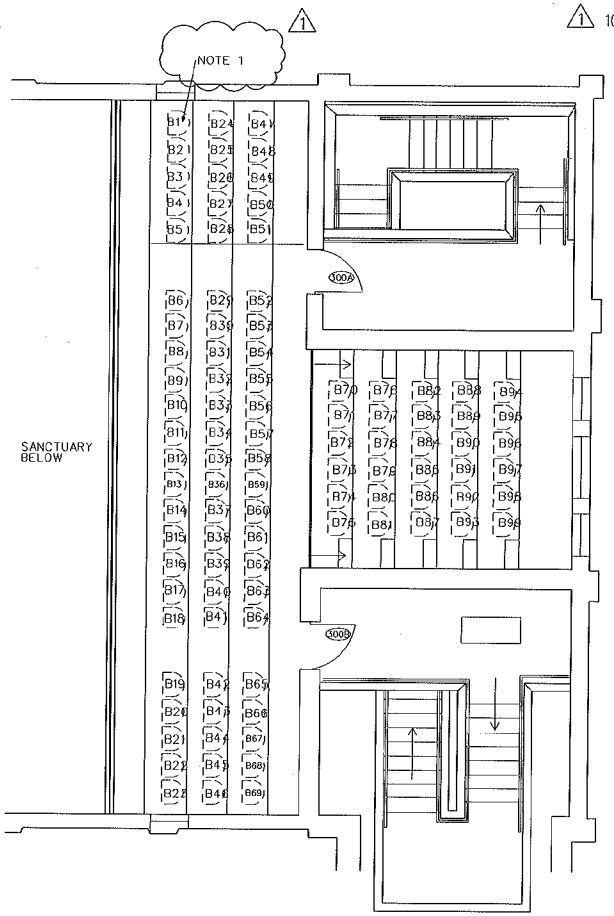
DRAWING NO. 489 80,020
PROJ. NO.
SHEET 66 of 84

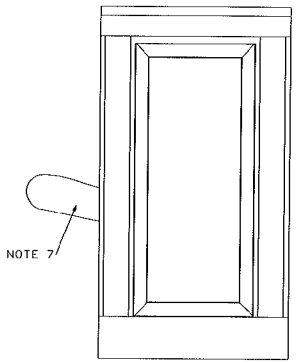


1 A703 EXISTING PEW - FRONT ELEVATION
SCALE A

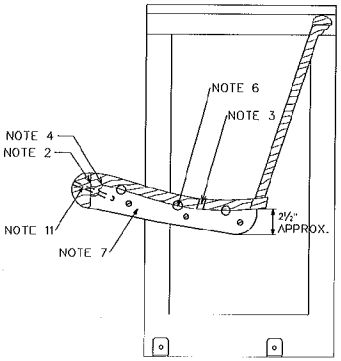


6 A703 REINFORCEMENT DETAIL SECTION
SCALE C

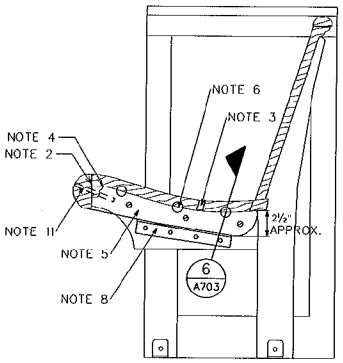




2 A703 EXIST. PEW WITH NEW REINFORCEMENT - END ELEVATION
SCALE A



3 A703 EXIST. PEW SECTION WITH NEW REINFORCEMENT- END
SCALE A



5 A703 EXIST. PEW SECTION WITH NEW REINFORCEMENT - CENTER
SCALE A

4 A703 3RD LEVEL FURNITURE PLAN
SCALE B

SCALE A 12 6 0 12 SCALE OF INCHES

SCALE B 4 0 4 8 SCALE OF FEET

SCALE C 3 1.5 0 3 SCALE OF INCHES

STATE OF GEORGIA ANTONIA ACCK REGISTERED ARCHITECT

APPENDICES 154

MATERIAL KEYNOTES

GENERAL NOTES

1

SHEET SPECIFIC NOTES
1. INDIVIDUALLY NUMBERED BALCONY CHAIRS.
2. RE-GLUE OPEN CONNECTIONS AFTER REMOVAL OF OLD GLUE.
3. PLUG EXISTING HOLES IN SEAT WITH WOOD TO MATCH EXISTING SPECIES AND GRADE.
4. INSCRIBE ALL NEW PROFILES TO BE IN FULL CONTACT WITH THE EXISTING SEAT PROFILES.
5. ADD NEW SUPPORT PIECE TO EACH SIDE OF EXISTING CENTER LEG AS SHOWN. ALL NEW WOOD TO BE PREMIUM QUALITY FURNITURE HARDWOOD, LIKE MAPLE OR SIMILAR.
6. GLUE TO BOTTOM OF SEATING SURFACE AND INSTALL A BISCUIT CONNECTION.
7. ADD NEW SUPPORT PIECE TO INTERIOR SIDE OF END SUPPORT AS SHOWN. ALL NEW WOOD TO BE PREMIUM QUALITY FURNITURE HARDWOOD, LIKE MAPLE OR SIMILAR.
8. BRONZE OR STAINLESS STEEL ANGLE.
9. MAINTAIN ENOUGH SPACE FOR ADJUSTMENT TO ALLOW JOINT AT NOTE 10 TO BE JOINED AS TIGHTLY AS POSSIBLE.
10. ORIGINAL SCREW AND CLEAT ATTACHMENT TO BE REMOVED AT HORIZONTAL PORTION OF PEW ONLY. MAINTAIN AT THE BACK OF PEW.
11. WOOD DOWEL TO CONNECT FRONT EDGE WITH NEW SUPPORT UNIT.

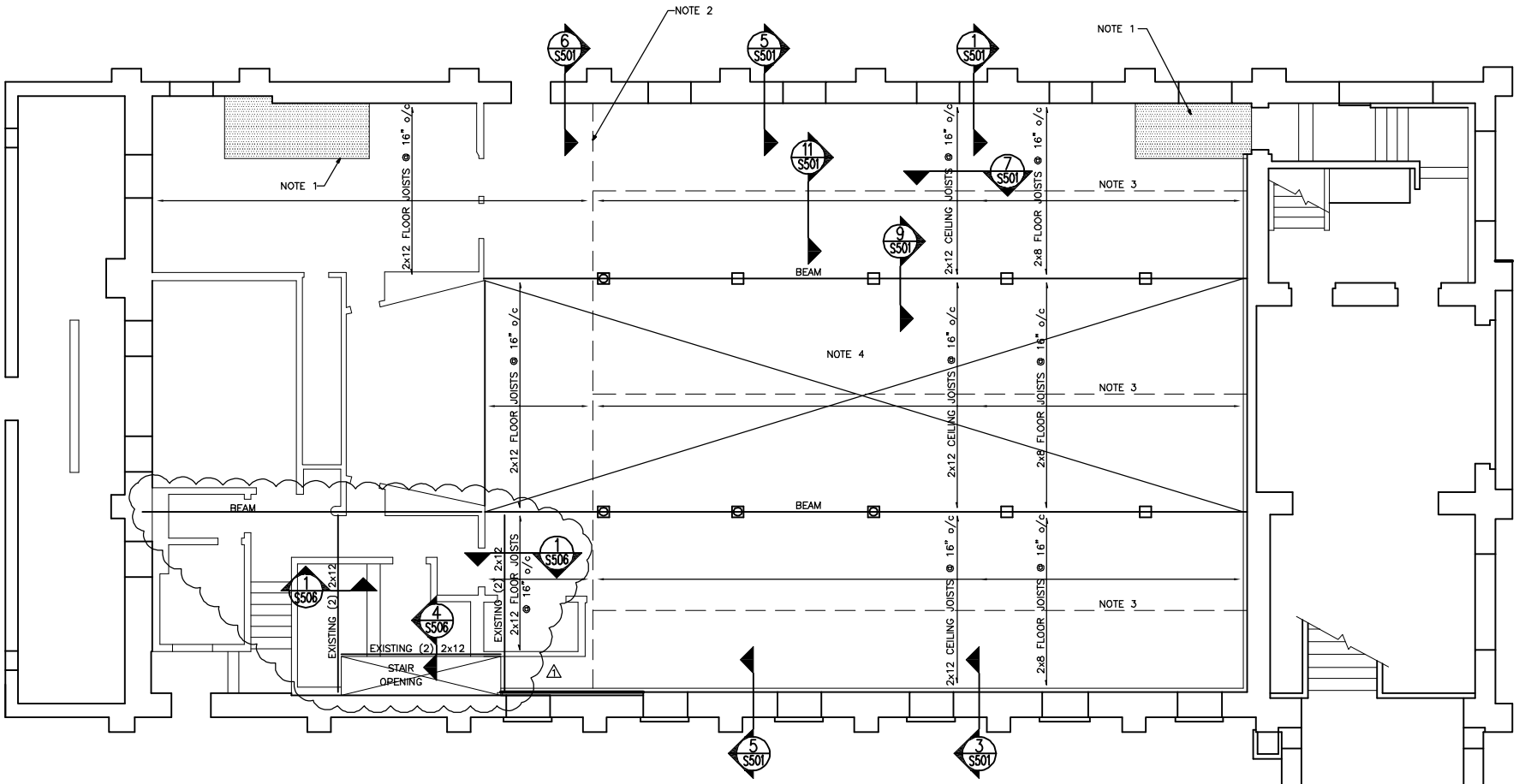
A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT:

DESIGNED: KR
DRAWN: KG/JA
TECH. REVIEW: ST/TR/MCM
DATE: 2005 FEB. 09

SUB SHEET NO. A703

TITLE OF SHEET
3RD LEVEL FURNITURE PLAN
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,032
PKG. NO. 111
SHEET 81 OF 99



1 S101 PLAN VIEW 2ND LEVEL EXISTING STRUCTURAL FRAMING PLAN
SCALE: A

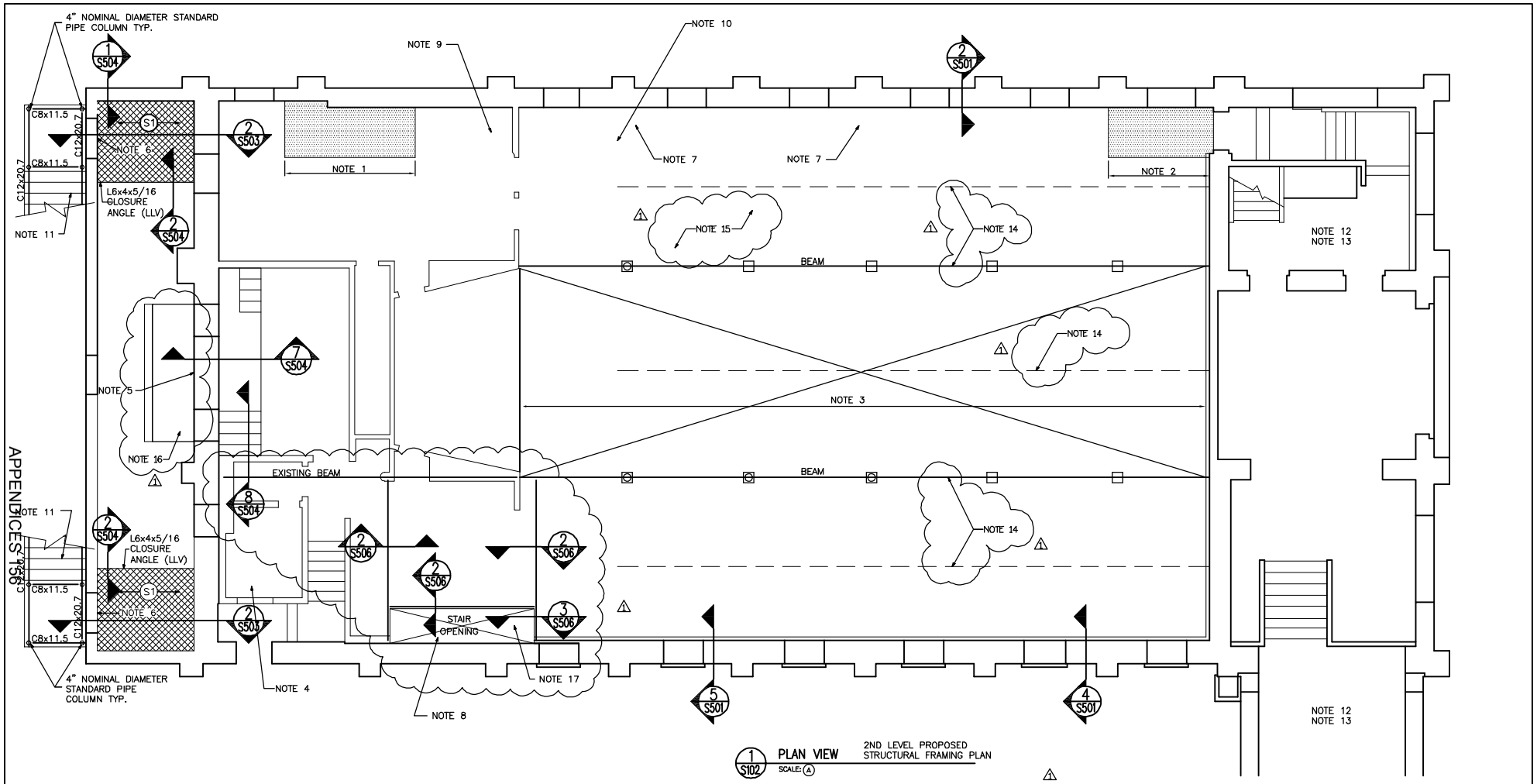
A 4 0 4 8
SCALE OF FEET

GENERAL NOTES
1. 10.16.07

SHEET SPECIFIC NOTES
1. EXISTING JOISTS DAMAGED BY TERMITES
2. EXISTING CEILING JOISTS BECOME FLOOR JOISTS AT THIS POINT
3. EXISTING KNEE WALL SUPPORT
4. EXISTING CAPACITY OF CEILING/FLOOR JOISTS IN THIS AREA INADEQUATE FOR 60 PSF DESIGN LIVE LOAD.

SHEET SPECIFIC NOTES

A/E FIRM PRIME: LORD, AECK & SARGENT ATLANTA, GA. CONSULTANT: PALMER ENG. CO. TUCKER, GA	DESIGNED: TD, CFD DRAWN: BCT TECH. REVIEW: DATE: 2005 FEB. 9	SUB SHEET NO. S101	TITLE OF SHEET 2ND LEVEL EXISTING STRUCTURAL FRAMING PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO. 111 SHEET 83 OF 91



1 S102 PLAN VIEW — 2ND LEVEL PROPOSED STRUCTURAL FRAMING PLAN
SCALE: A

GENERAL NOTES

⚠1 10.16.07

SHEET SPECIFIC NOTES

1. SISTER NEW PRESSURE TREATED 2x12 #2 SYP JOIST TO DAMAGED JOIST. NEW JOIST TO EXTEND TO BEAM LINE.
2. SISTER NEW PRESSURE TREATED 2x12 #2 SYP TO EACH DAMAGED CEILING JOIST AND NEW PRESSURE TREATED 2x8 #2 SYP TO EACH DAMAGED FLOOR JOIST. NEW JOISTS TO EXTEND TO BEAM LINE.
3. EXISTING CAPACITY OF CEILING JOISTS IN THIS AREA IS INADEQUATE. REINFORCE BY SISTERING A NEW 2x12 TO EVERY OTHER CEILING JOIST. NEW JOISTS TO EXTEND TO BEAM LINE BOTH ENDS.
4. REINFORCE FLOOR AT BLOWER ROOM. SCOPE OF WORK TO BE REVIEWED BY CONTRACTING OFFICER, ARCHITECT AND ENGINEER AFTER DEMOLITION PRIOR TO CONSTRUCTION. CONTRACTOR TO PROVIDE A UNIT COST FOR WORK.
5. DEMO EXISTING BAPTISTRY. SEE ARCHITECTURAL AND STRUCTURAL GENERAL NOTE 2.E. ON SHEET G003 FOR DEMOLITION INSTRUCTIONS. INFILL EXISTING WALL. SEE DETAIL 3 ON SHEET S503.
6. EXISTING DOOR OPENING TO BE LOWERED TO NEW FLOOR HEIGHT. SEE DETAIL 3/S504 FOR NEW LINTEL.

SHEET SPECIFIC NOTES

7. EXPOSE TERMITE DAMAGED FRAMING AND FURRING AND REPAIR OR REPLACE SCOPE OF WORK TO BE REVIEWED BY THE CONTRACTING OFFICER, ARCHITECT AND ENGINEER AFTER DEMOLITION PRIOR TO CONSTRUCTION. CONTRACTOR TO PROVIDE A UNIT COST FOR WORK. SEE STRUCTURAL GENERAL NOTE 2.E. ON SHEET G003 FOR DEMOLITION INSTRUCTIONS.
8. REINFORCE EXISTING STAIR OPENING FRAMING. SEE DETAILS 1–5 ON SHEET S506. ⚠1
9. AT ORGAN CHAMBER ABOVE: REINFORCE EXISTING FRAMING AS IDENTIFIED AND NEEDED DURING ORGAN RECONSTRUCTION.
10. EXISTING CEILING JOISTS BECOME FLOOR JOISTS AT THIS POINT
11. STEEL STAIRS BY FABRICATOR WITH CONCRETE LANDING AND STEEL STAIRS.
12. SEE DETAILS 11 AND 12 SHEET S503 FOR HANDRAIL DETAIL AT STAIR TOWERS.
13. MAXIMUM DEAD AND LIVE LOAD AT STAIR TOWER CEILING = 50 PSF.

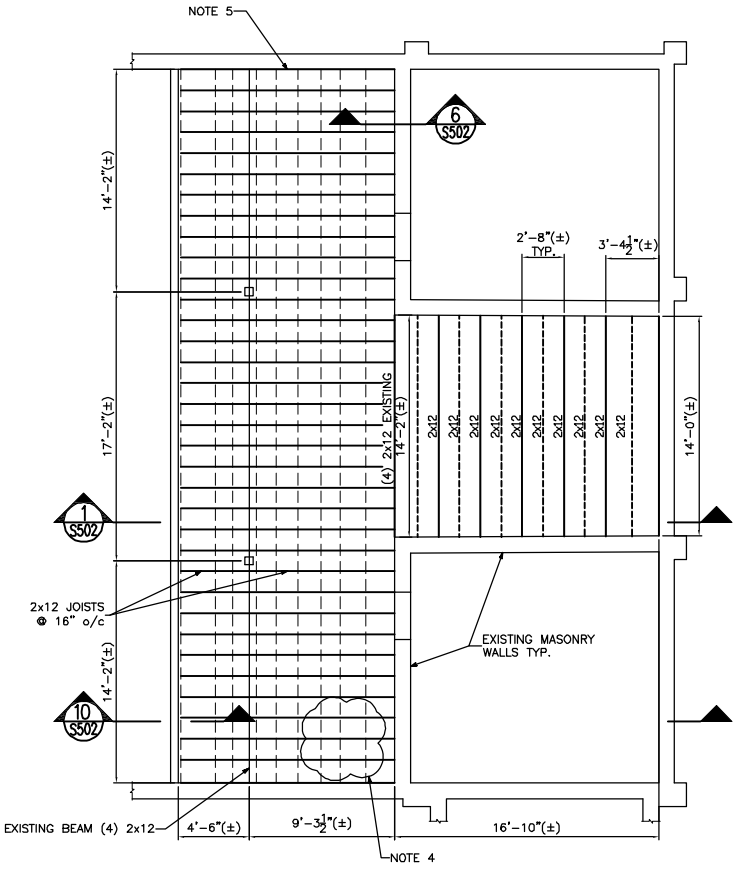
(S1) NEW CONCRETE SLAB (3000 PSI CONCRETE) ON 2VLI18 METAL FORM DECK. (5 1/2" TOTAL DEPTH) REINFORCE WITH 6x6 – W2.1xW2.1 WELDED WIRE FABRIC. SEE DETAIL 2 ON SHEET S503 FOR ATTACHMENT TO EXISTING WALL.

14. SEE DETAILS 1–8 ON SHEET S505 FOR EXISTING KNEE WALL REINFORCING.
15. SEE DETAILS 9 AND 10 ON SHEET S505 FOR JOIST REINFORCING AT MECHANICAL OPENINGS
16. SEE DETAIL 11 ON S505 FOR FLOOR INFILL.
17. REINFORCE EXISTING STAIR STRINGERS w/ 1 3/4" x 5 1/2" LVL TO 2 EDGE STRINGERS ON INSIDE FACE OF STRINGER UNDER STAIR. FASTEN TO EXISTING STRINGERS w/ (2) 16d NAILS @ 12" o/c (OR EQUAL).

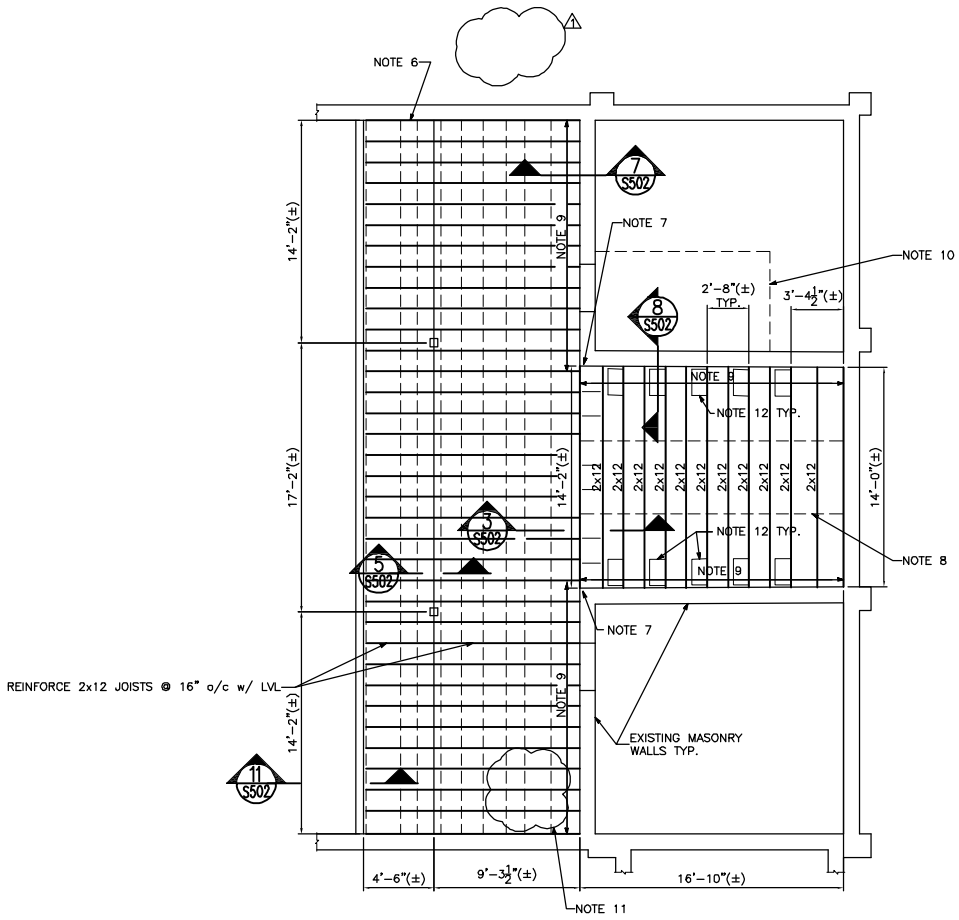
A 4 0 4 8
SCALE OF FEET

A/E FIRM PRIME: LORD, AECK & SARGENT ATLANTA, GA. CONSULTANT: PALMER ENG. CO. TUCKER, GA	DESIGNED: TD, CFD DRAWN: BCT TECH. REVIEW: DATE: 2005 FEB. 9	SUB SHEET NO. S102	TITLE OF SHEET 2ND LEVEL PROPOSED STRUCTURAL FRAMING PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,032
PKG. NO. 111
SHEET 84
OF 91



1 S103 **PLAN VIEW** EXISTING BALCONY FRAMING
SCALE: A



2 S103 **PLAN VIEW** PROPOSED BALCONY FRAMING
SCALE: A

SHEET SPECIFIC NOTES

1. SEE ARCHITECTURAL DRAWINGS FOR ANY ELEVATIONS, DIMENSIONS OR SLOPES NOT SHOWN.
2. ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO DEMOLITION AND REPAIRS.
3. SEE STRUCTURAL GENERAL NOTE 2.E. ON SHEET G003 FOR DEMOLITION INSTRUCTIONS.
4. EXISTING SIGNIFICANT POWDER POST BEETLE DAMAGE THIS AREA
5. EXISTING TERMITE DAMAGED JOIST
6. REPLACE TERMITE DAMAGED JOIST WITH NEW LVL SIMILAR TO 5/S502.
7. REMOVE EXISTING FINISHES AT BEAM BEARING FOR REVIEW BY STRUCTURAL ENGINEER. STRUCTURAL ENGINEER WILL REDESIGN CONNECTION DETAIL IF PROPOSED DETAIL 5 ON SHEET S503 IS NOT SUITABLE FOR USE WITH EXISTING CONDITIONS. CONTRACTOR TO NOTIFY CONTRACTING OFFICER SEVEN DAYS IN ADVANCE TO SCHEDULE STRUCTURAL ENGINEER AND ARCHITECT.

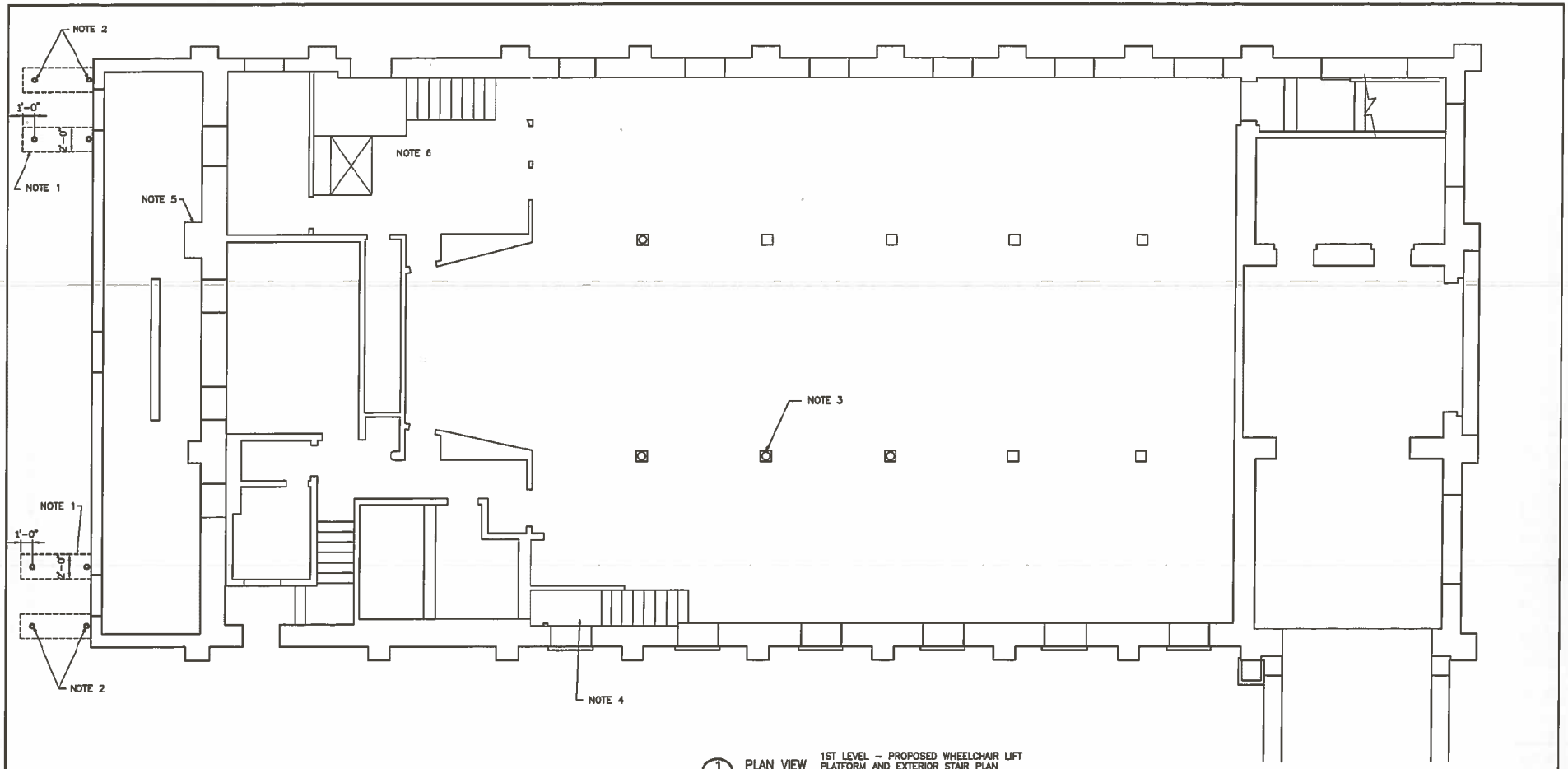
SHEET SPECIFIC NOTES

8. ADD 2x6 BLOCKING BETWEEN JOISTS @ 3rd POINTS
9. REINFORCE CONNECTION OF EXISTING JOISTS TO EXISTING BRICK MASONRY WALL. SEE SECTION 7 AND 8/S502.
10. SEE DETAIL 1 ON SHEET S503 FOR FRAMING REINFORCING AT ANTIPHONAL CHAMBER.
11. REINFORCE DAMAGED JOISTS THE SAME AS TYPICAL JOISTS. SEE 5/S502.
12. ADD INTERMEDIATE RISERS. COORDINATE LOCATION AND DIMENSIONS WITH ARCHITECTURAL. SEE DETAIL 6/S504.

1 11.08.07

A 4 0 4 8
SCALE OF FEET

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
FIRM: LORD, AECK & SARGENT ATLANTA, GA.	TD, CFD	S103	3RD LEVEL EXISTING AND PROPOSED FRAMING PLANS	489 80,032
CONSULTANT: PALMER ENG. CO. TUCKER, GA	DRAWN: BCT		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. 111 SHEET 85
	TECH. REVIEW:			OF 91
	DATE: 2005 FEB. 9			



1 / S1 PLAN VIEW 1ST LEVEL – PROPOSED WHEELCHAIR LIFT PLATFORM AND EXTERIOR STAIR PLAN
SCALE: A

A 4 0 4 8
SCALE OF FEET

GENERAL NOTES

.

SHEET SPECIFIC NOTES

1. 1'-0" THICK FOOTING WITH #4 @ 12" EACH WAY TYPICAL
2. 4" NOMINAL DIAMETER STANDARD PIPE COLUMN TYP. WITH 3/4" BASE PLATE AND (4) 3/4"ø ANCHOR RODS
3. FOUR EXISTING STEEL COLUMNS TO BE REPLACED WITH NEW WOOD COLUMNS TO MATCH ORIGINAL
4. NEW WOOD FRAMED STAIRS, LANDING AND WALLS
5. RECONSTRUCT MISSING MASONRY AT EXISTING PILASTER
6. LIFT BY OTHERS. SEE 9/S6 FOR PARTIAL PLAN OF LIFT PLATFORM FRAMING.

SHEET SPECIFIC NOTES

.

A/E FIRM
PREP: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT: PALMER ENG. CO. TUCKER, GA

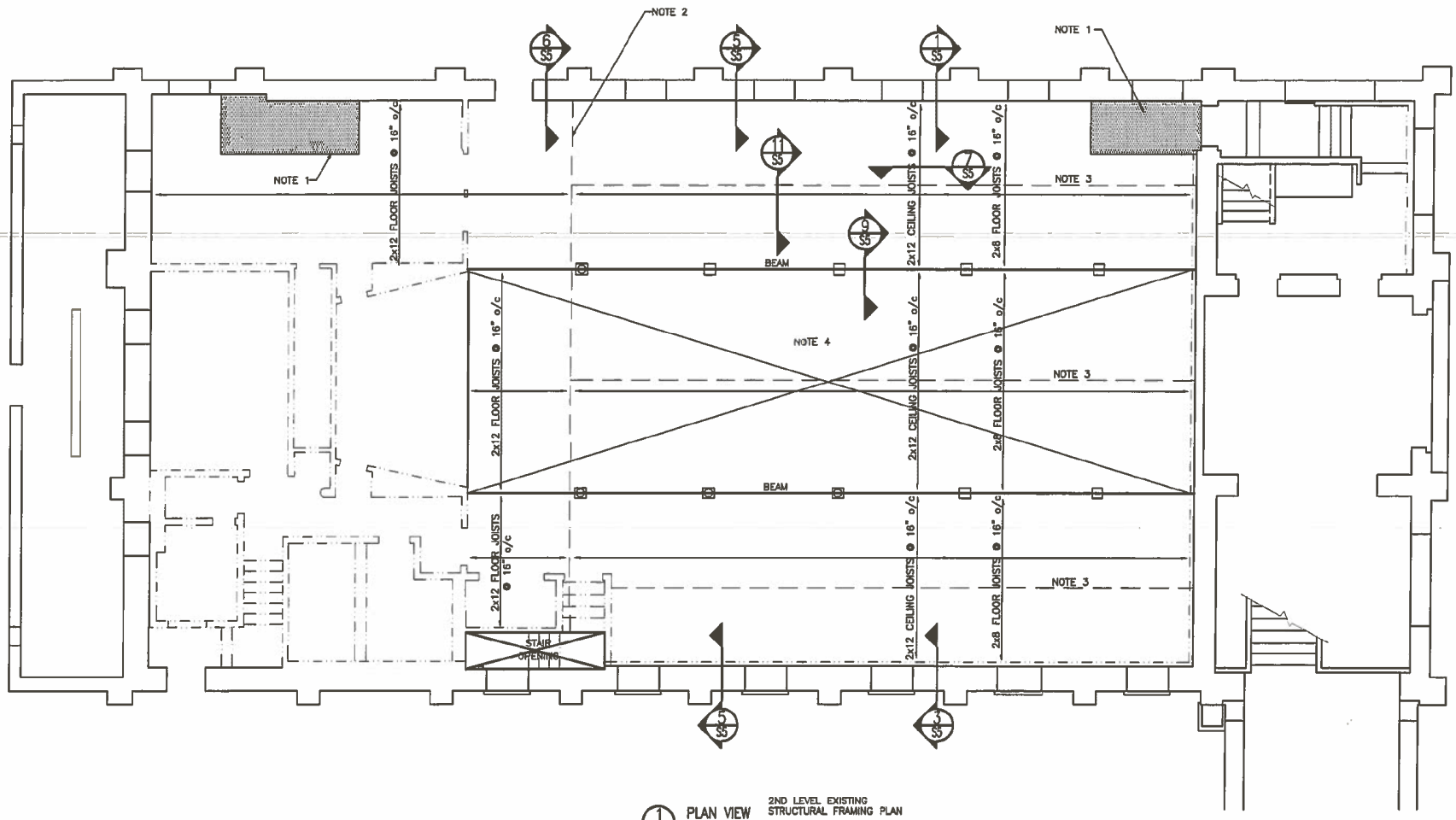
DESIGNED: TD, CFD
DRAWN: BCT
TECH. REVIEW:
DATE: 2004 FEB 16

SUB SHEET NO.: S1

TITLE OF SHEET: 1ST LEVEL STRUCTURAL FRAMING PLANS

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO.: 439 / 80,020
PROJ. NO.:
SHEET: 68 OF 84



1 S2 PLAN VIEW 2ND LEVEL EXISTING STRUCTURAL FRAMING PLAN
SCALE: A

A 4 0 4 8
SCALE OF FEET

GENERAL NOTES

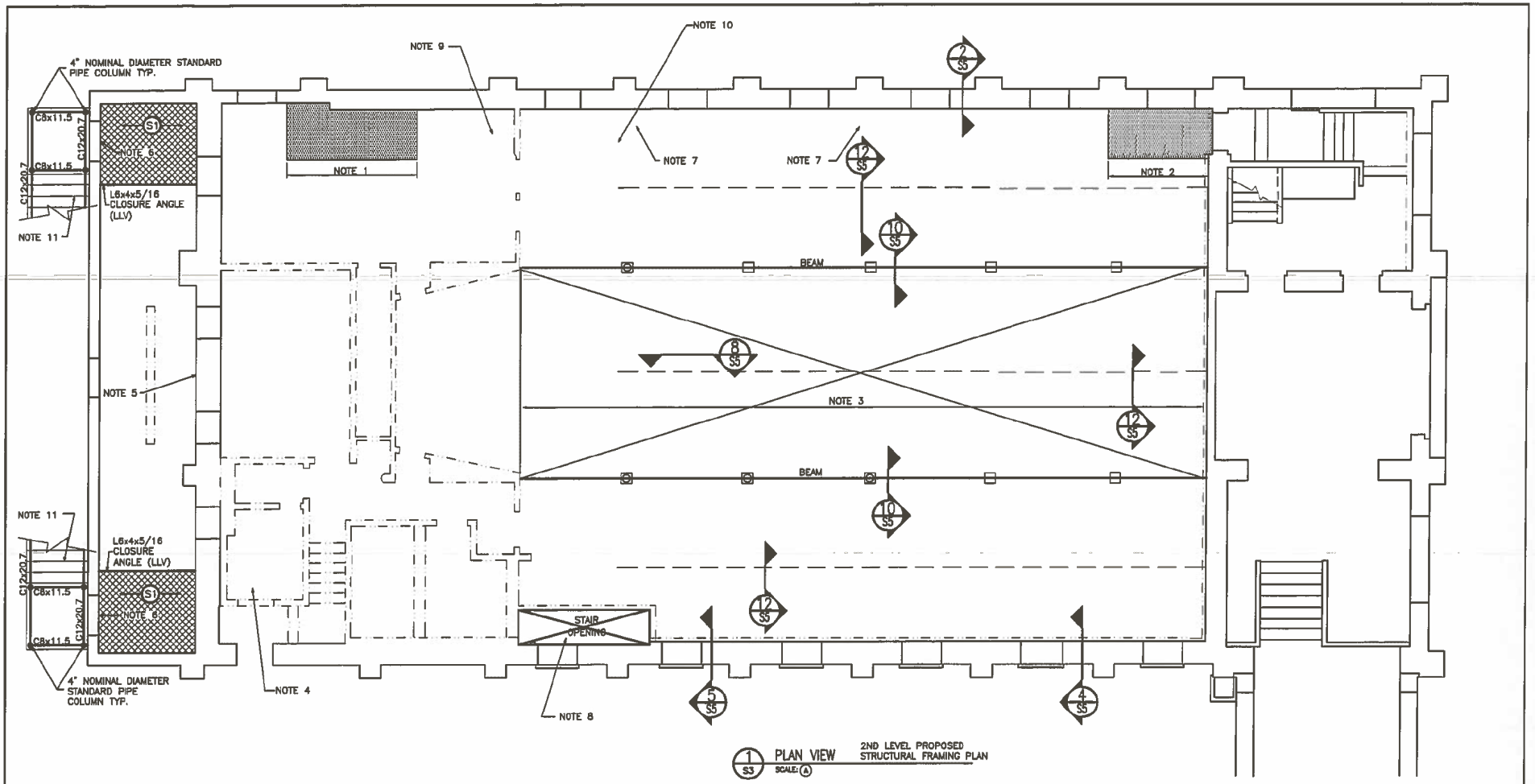
SHEET SPECIFIC NOTES

1. JOISTS DAMAGED BY TERMITES
2. CEILING JOISTS BECOME FLOOR JOISTS AT THIS POINT
3. KNEE WALL SUPPORT
4. EXISTING CAPACITY OF CEILING/FLOOR JOISTS IN THIS AREA INADEQUATE FOR 60 PSF DESIGN LIVE LOAD.

SHEET SPECIFIC NOTES

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT: PALMER ENG. CO. TUCKER, GA	DESIGNED: TD, CFD DRAWN: BCT TECH. REVIEW: DATE: 2004 FEB 16	SUB SHEET NO.: S2	TITLE OF SHEET: 2ND LEVEL EXISTING STRUCTURAL FRAMING PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO.: 489 80,020 PROJ. NO.: SHEET: 69 OF 84

UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / DENVER SERVICE CENTER / ARCHITECTURE BRANCH – 100 ALABAMA STREET SW ATLANTA, GA 30303-3104



GENERAL NOTES

SHEET SPECIFIC NOTES

1. SISTER NEW PRESSURE TREATED 2x12 #2 SYP JOIST TO DAMAGED JOIST. NEW JOIST TO EXTEND TO BEAM LINE.
2. SISTER NEW PRESSURE TREATED 2x12 #2 SYP TO EACH DAMAGED CEILING JOIST AND NEW PRESSURE TREATED 2x8 #2 SYP TO EACH DAMAGED FLOOR JOIST. NEW JOISTS TO EXTEND TO BEAM LINE.
3. EXISTING CAPACITY OF CEILING JOISTS IN THIS AREA IS INADEQUATE. REINFORCE BY SISTERING A NEW 2x12 TO EVERY OTHER CEILING JOIST. NEW JOISTS TO EXTEND TO BEAM LINE BOTH ENDS.
4. REINFORCE FLOOR AT BLOWER ROOM AS NECESSARY.
5. DEMO EXISTING BAPTISTERY. SEE ARCHITECTURAL AND STRUCTURAL GENERAL NOTE 2.E. ON SHEET G003 FOR DEMOLITION INSTRUCTIONS. INFILL EXISTING WALL. SEE DETAIL 3 ON SHEET S7. REINFORCE EXISTING FRAMING AS NEEDED AND RECONSTRUCT MISSING STAIRS. FRAME NEW FLOOR BETWEEN STAIRS AND SIDE WALL WITH 2x6 @ 16" o/c AT LEVEL OF ORIGINAL BAPTISTERY FLOOR.
6. EXISTING DOOR OPENING TO BE LOWERED TO NEW FLOOR HEIGHT.

SHEET SPECIFIC NOTES

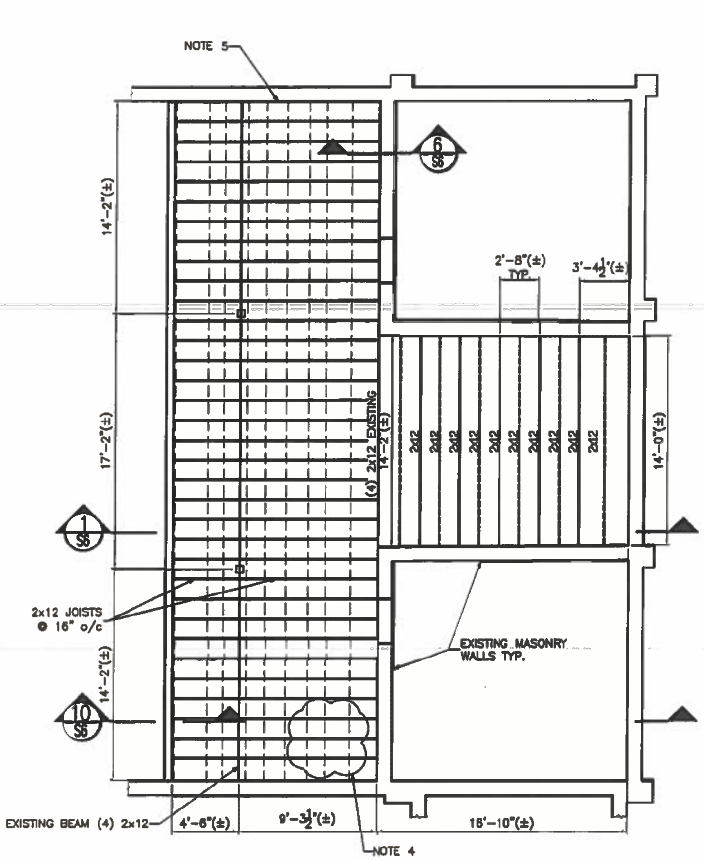
7. EXPOSE TERMITE DAMAGED FRAMING AND FURRING AND REPAIR OR REPLACE AS NECESSARY. SEE STRUCTURAL GENERAL NOTE 2.E. ON SHEET G003 FOR DEMOLITION INSTRUCTIONS.
8. NEW WOOD FRAMED STAIRS, LANDING AND WALLS
9. AT ORGAN CHAMBER ABOVE: REINFORCE EXISTING FRAMING AS IDENTIFIED AND NEEDED DURING ORGAN RECONSTRUCTION.
10. CEILING JOISTS BECOME FLOOR JOISTS AT THIS POINT
11. STEEL STAIRS BY FABRICATOR WITH CONCRETE LANDING AND STEEL STAIRS.

(S1) NEW CONCRETE SLAB ON 3C18 METAL FORM DECK. (6" TOTAL DEPTH) REINFORCE WITH 6x6 - W2.9xW2.9 WELDED WIRE FABRIC. SEE DETAIL 2 ON SHEET S7 FOR ATTACHMENT TO EXISTING WALL.

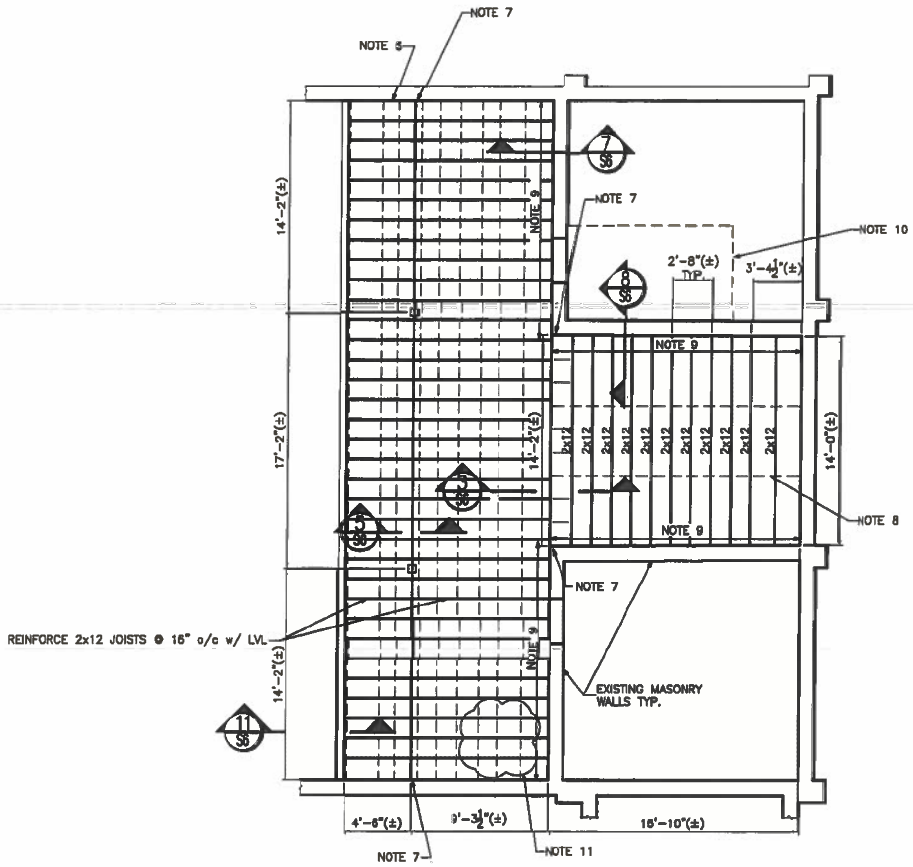
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT: PALMER ENG. CO. TUCKER, GA
DESIGNED: TD, CFD
DRAWN: BCT
DATE: 2004 FEB 18
SUB SHEET NO.: S3

TITLE OF SHEET: 2ND LEVEL PROPOSED STRUCTURAL FRAMING PLAN
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO.: 489 / 80,020
PROJ. NO.:
SHEET: 10 OF 84



1 S4 PLAN VIEW EXISTING BALCONY FRAMING
SCALE: A



2 S4 PLAN VIEW PROPOSED BALCONY FRAMING
SCALE: A

A 4 0 4 8
SCALE OF FEET

GENERAL NOTES

SHEET SPECIFIC NOTES
1. SEE ARCHITECTURAL DRAWINGS FOR ANY ELEVATIONS, DIMENSIONS OR SLOPES NOT SHOWN.
2. ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO DEMOLITION AND REPAIRS.
3. SEE STRUCTURAL GENERAL NOTE 2.E. ON SHEET G003 FOR DEMOLITION INSTRUCTIONS.
4. SIGNIFICANT POWDER POST BEETLE DAMAGE THIS AREA
5. EXISTING TERMITE DAMAGED JOIST
6. REPLACE TERMITE DAMAGED JOIST WITH NEW LVL SIMILAR TO 5/S6.

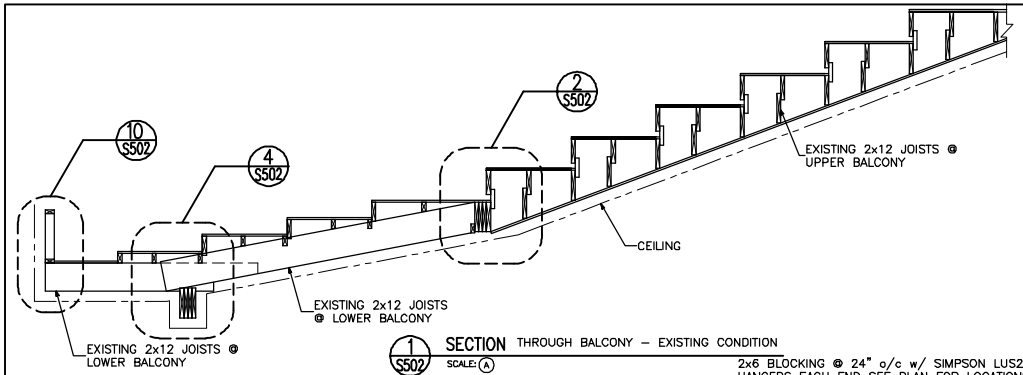
SHEET SPECIFIC NOTES
7. REMOVE EXISTING FINISHES AT BEAM BEARING FOR REVIEW BY STRUCTURAL ENGINEER AND DESIGN AND DETAILING OF REINFORCEMENT AS NEEDED. SEE DETAILS 4 AND 5 ON SHEET S7 FOR PROPOSED PRELIMINARY DETAILS.
8. ADD 2x6 BLOCKING BETWEEN JOISTS @ 3rd POINTS
9. REINFORCE CONNECTION OF EXISTING JOISTS TO EXISTING BRICK MASONRY WALL. SEE SECTION 7 AND 8/S6.
10. SEE DETAIL 1 ON SHEET S7 FOR FRAMING REINFORCING AT ANTIPHONAL CHAMBER.
11. REINFORCE DAMAGED JOISTS THE SAME AS TYPICAL JOISTS. SEE 5/S6.

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT: PALMER ENG. CO. TUCKER, GA
DESIGNED: TD, CFD
DRAWN: BCT
TECH. REVIEW:
DATE: 2004 FEB 16
SUB SHEET NO.: S4

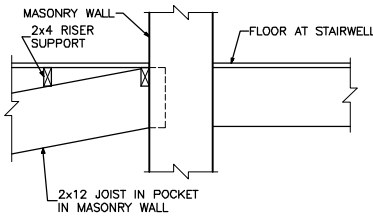
TITLE OF SHEET
3RD LEVEL EXISTING AND PROPOSED FRAMING PLANS

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

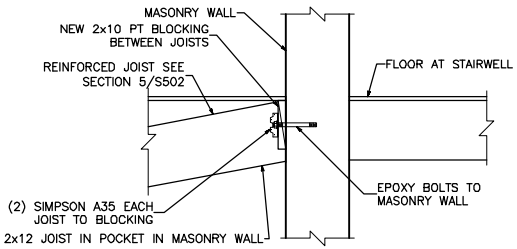
DRAWING NO.: 489 / 80,020
PROJ. NO.:
SHEET: 71 OF 84



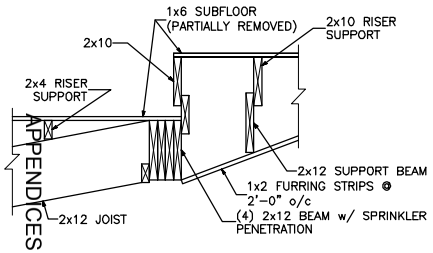
1 S502 **SECTION** THROUGH BALCONY – EXISTING CONDITION
SCALE: A



6 S502 **SECTION** JOIST BEARING AT MASONRY WALL – EXISTING CONDITIONS
SCALE: A

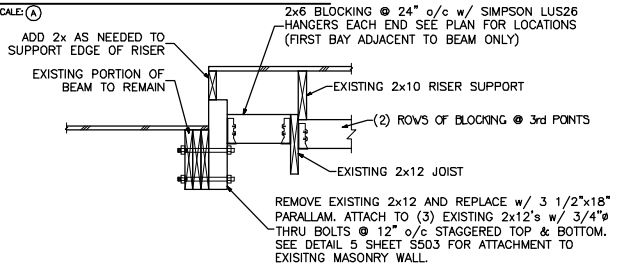


7 S502 **SECTION** JOIST BEARING AT MASONRY WALL – PROPOSED REINFORCING
SCALE: A

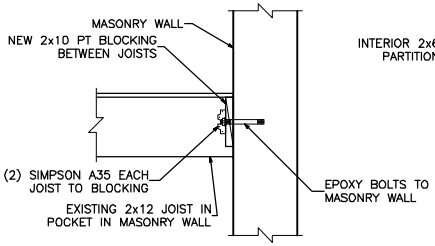


APPENDICES 162

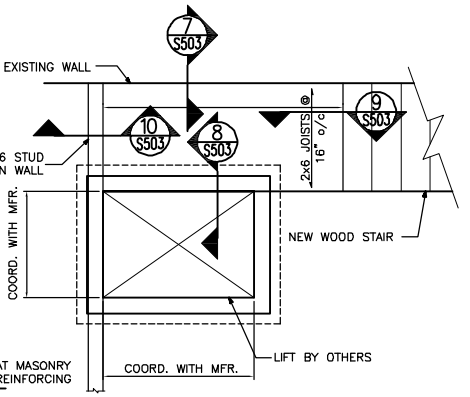
2 S502 **DETAIL** AT BEAM BETWEEN UPPER AND LOWER BALCONY – EXISTING CONDITIONS
SCALE: A



3 S502 **SECTION** BEAM BETWEEN UPPER & LOWER BALCONY PROPOSED REINFORCING
SCALE: A

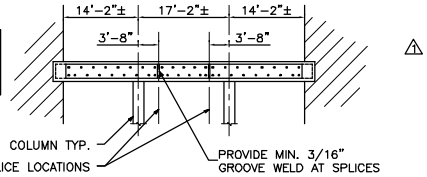


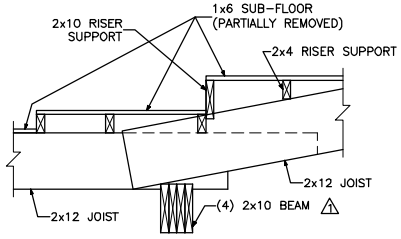
8 S502 **SECTION**
SCALE: A



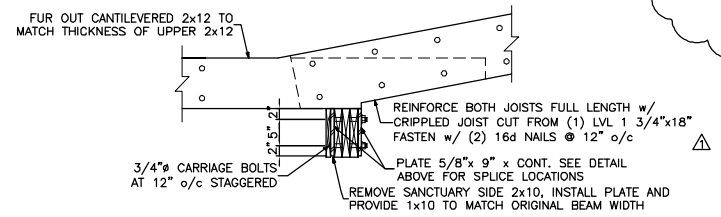
9 S502 **PARTIAL PLAN** PROPOSED LIFT PLATFORM FRAMING
SCALE: B

NOTE: SANCTUARY SIDE PLATE AND 1x10 MUST BE INSTALLED INTO THE WALL POCKETS EACH SIDE A MINIMUM OF 3".

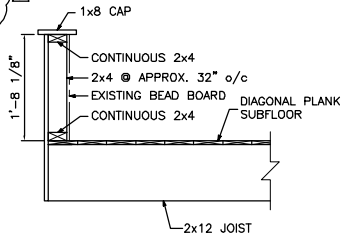




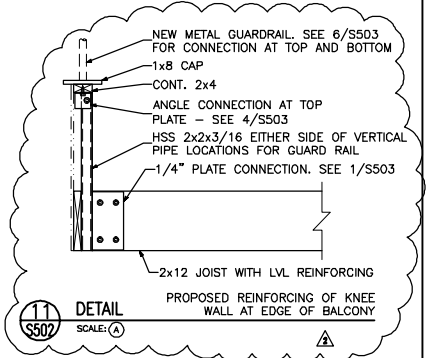
4 S502 **DETAIL** BEAM AT LOWER BALCONY – EXISTING CONDITIONS
SCALE: A



5 S502 **SECTION** PROPOSED REINFORCING @ LOWER BALCONY JOISTS
SCALE: A



10 S502 **DETAIL** KNEE WALL AT EDGE OF BALCONY – EXISTING CONDITIONS
SCALE: A



11 S502 **DETAIL** PROPOSED REINFORCING OF KNEE WALL AT EDGE OF BALCONY
SCALE: A

GENERAL NOTES

B 2 0 2 4 SCALE OF FEET

A 1 0 1 2 SCALE OF FEET

SHEET SPECIFIC NOTES

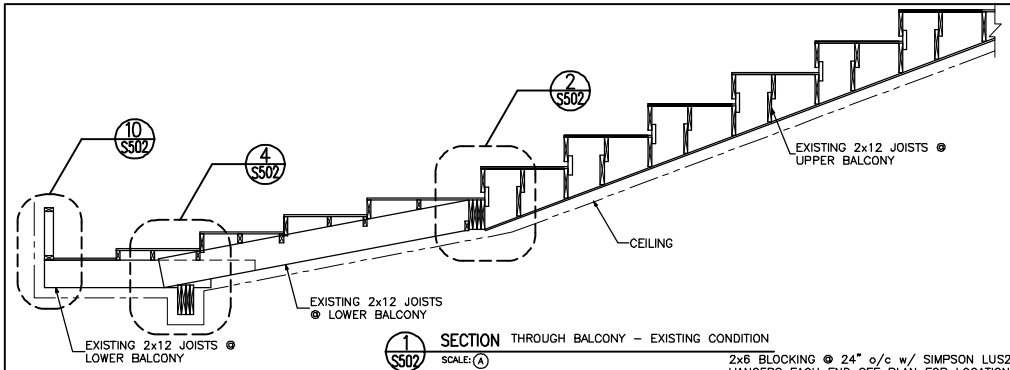
1. CERTAIN CRITICAL CONDITIONS OF EXISTING STRUCTURE ALONG WITH NECESSARY REPAIRS AND REINFORCEMENT CANNOT BE IDENTIFIED UNTIL THE CONSTRUCTION PHASE BEGINS AND EXISTING FINISHES CAN BE PARTIALLY OR WHOLLY REMOVED FOR EXAMINATION OF THE EXISTING STRUCTURE. THESE AREAS INCLUDE, BUT ARE NOT LIMITED TO, BEARING CONDITIONS OF THE UPPER AND LOWER BALCONY BEAMS AT MASONRY WALLS, AND TERMITE DAMAGE TO FLOOR JOISTS AND GIRDERS, CEILING JOISTS, AND WOOD STUD CRIPPLE WALLS UNDER THE SANCTUARY AND THE REMAINDER OF THE MAIN LEVEL.

SHEET SPECIFIC NOTES

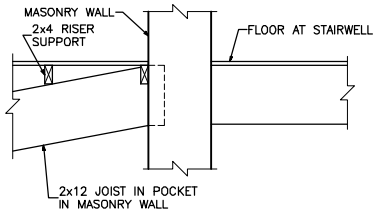
1 11.08.07

2 03.14.08

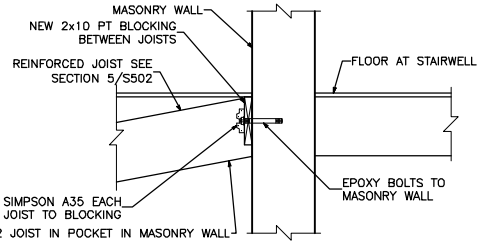
A/E FIRM: LORD, AECK & SARGENT ATLANTA, GA. CONSULTANT: PALMER ENG. CO. TUCKER, GA	DESIGNED: TD, CFD DRAWN: BCT TECH. REVIEW: DATE: 2005 FEB. 9	SUB SHEET NO. S502	TITLE OF SHEET: 2ND LEVEL FRAMING SECTIONS AND BAPTISTERY FRAMING PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO. 111 SHEET 87 OF 91



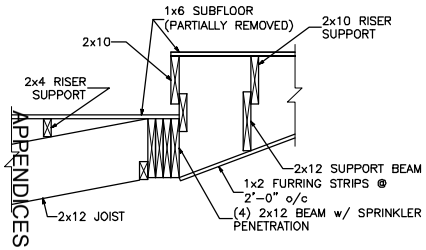
1 S502 SECTION THROUGH BALCONY – EXISTING CONDITION
SCALE: A



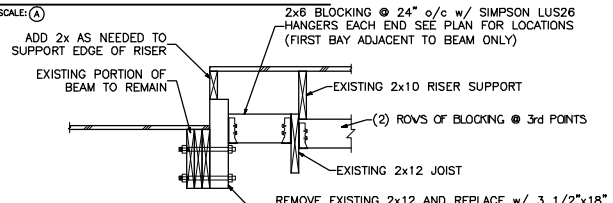
6 S502 SECTION JOIST BEARING AT MASONRY WALL – EXISTING CONDITIONS
SCALE: A

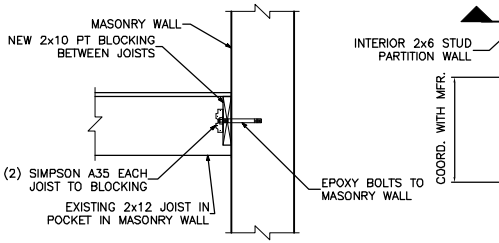


7 S502 SECTION JOIST BEARING AT MASONRY WALL – PROPOSED REINFORCING
SCALE: A

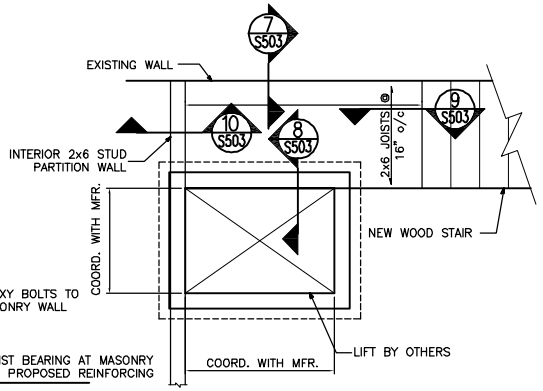


2 S502 DETAIL AT BEAM BETWEEN UPPER AND LOWER BALCONY – EXISTING CONDITIONS
SCALE: A

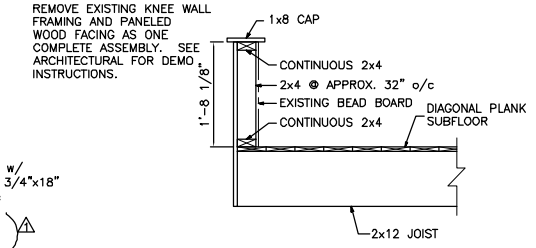




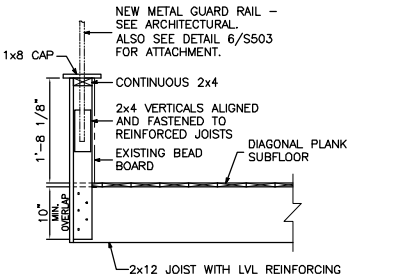
8 S502 SECTION
SCALE: A



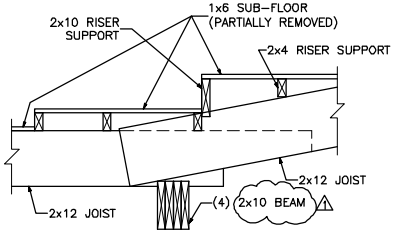
9 S502 PARTIAL PLAN PROPOSED LIFT PLATFORM FRAMING
SCALE: B



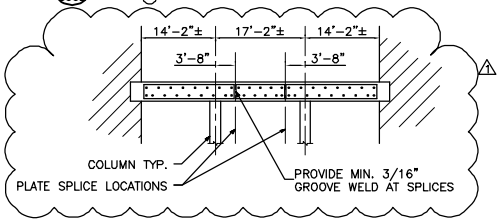
10 S502 DETAIL KNEE WALL AT EDGE OF BALCONY – EXISTING CONDITIONS
SCALE: A



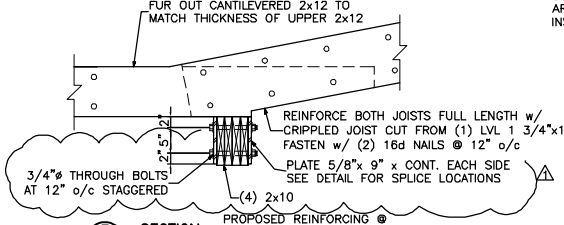
11 S502 DETAIL PROPOSED REINFORCING OF KNEE WALL AT EDGE OF BALCONY
SCALE: A



4 S502 DETAIL BEAM AT LOWER BALCONY – EXISTING CONDITIONS
SCALE: A



3 S502 SECTION BEAM BETWEEN UPPER & LOWER BALCONY PROPOSED REINFORCING
SCALE: A



5 S502 SECTION
SCALE: A

GENERAL NOTES

B 2 0 2 4 SCALE OF FEET

A 1 0 1 2 SCALE OF FEET

SHEET SPECIFIC NOTES

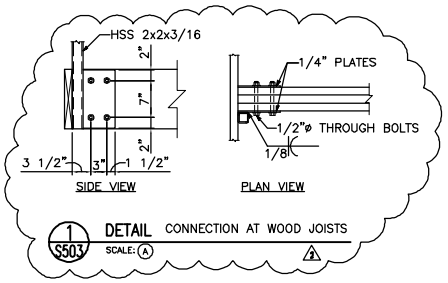
1. CERTAIN CRITICAL CONDITIONS OF EXISTING STRUCTURE ALONG WITH NECESSARY REPAIRS AND REINFORCEMENT CANNOT BE IDENTIFIED UNTIL THE CONSTRUCTION PHASE BEGINS AND EXISTING FINISHES CAN BE PARTIALLY OR WHOLLY REMOVED FOR EXAMINATION OF THE EXISTING STRUCTURE. THESE AREAS INCLUDE, BUT ARE NOT LIMITED TO, BEARING CONDITIONS OF THE UPPER AND LOWER BALCONY BEAMS AT MASONRY WALLS, AND TERMITE DAMAGE TO FLOOR JOISTS AND GIRDERS, CEILING JOISTS, AND WOOD STUD CRIPPLE WALLS UNDER THE SANCTUARY AND THE REMAINDER OF THE MAIN LEVEL.

SHEET SPECIFIC NOTES

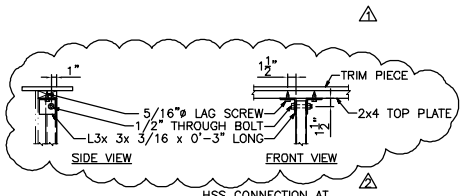
1 11.08.07

A/E FIRM PRIME: LORD, AECK & SARGENT ATLANTA, GA. CONSULTANT: PALMER ENG. CO. TUCKER, GA	DESIGNED: TD, CFD DRAWN: BCT TECH. REVIEW: DATE: 2005 FEB. 9	SUB SHEET NO. S502	TITLE OF SHEET 2ND LEVEL FRAMING SECTIONS AND BAPTISTERY FRAMING PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO. 111 SHEET 87 OF 91

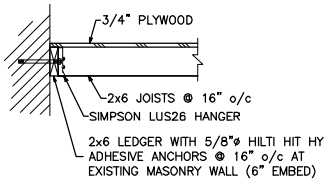
UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / SOUTHEAST REGION / ARCHITECTURE DIVISION - 100 ALABAMA STREET SW ATLANTA GA 30303-3104



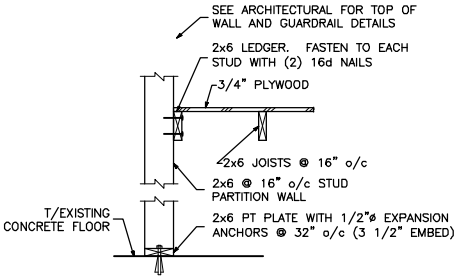
1 S503 **DETAIL** CONNECTION AT WOOD JOISTS
SCALE: A



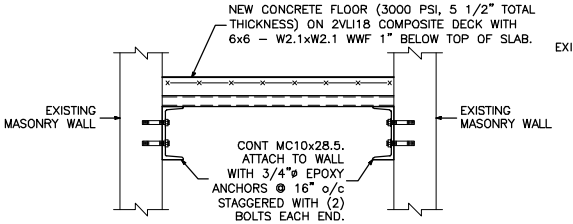
4 S503 **SECTION** HSS CONNECTION AT WOOD TOP PLATE
SCALE: A



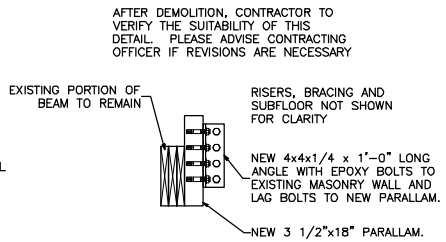
7 S503 **DETAIL** THROUGH LIFT PLATFORM
SCALE: A



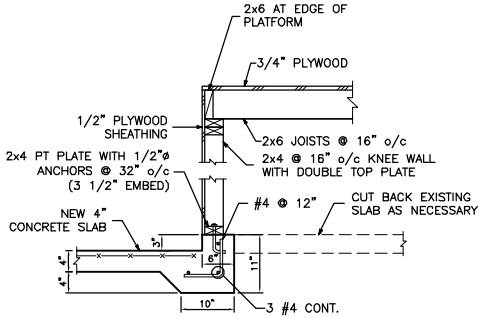
10 S503 **DETAIL** THROUGH LIFT PLATFORM
SCALE: A



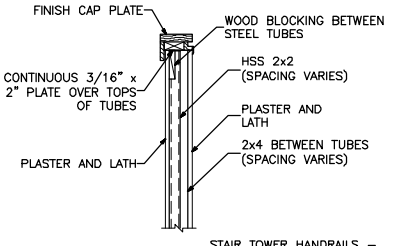
2 S503 **DETAIL** PROPOSED NEW FLOOR AT REAR OF SANCTUARY
SCALE: A



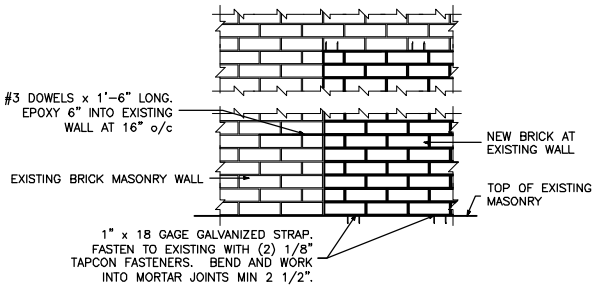
5 S503 **SECTION** BEAM CONNECTION AT WALL
SCALE:



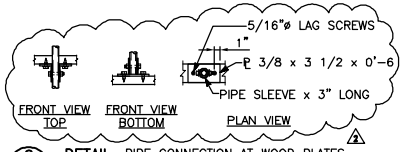
8 S503 **DETAIL** THROUGH LIFT PLATFORM
SCALE: A



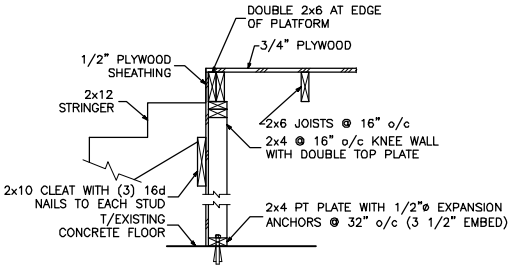
11 S503 **SECTION** STAIR TOWER HANDRAILS – EXISTING CONDTIONS
SCALE: A



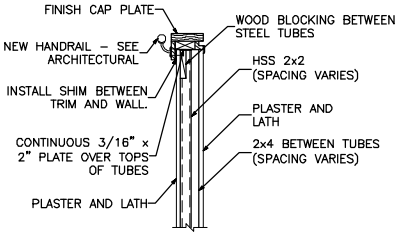
3 S503 **DETAIL** PROPOSED INFILL AT EXISTING MASONRY OPENING
SCALE: A



6 S503 **DETAIL** PIPE CONNECTION AT WOOD PLATES
SCALE: NONE



9 S503 **DETAIL** THROUGH LIFT PLATFORM
SCALE: A



12 S503 **SECTION** STAIR TOWER HANDRAILS – PROPOSED REINFORCING
SCALE: A

APPENDICES 164

GENERAL NOTES

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SHEET SPECIFIC NOTES

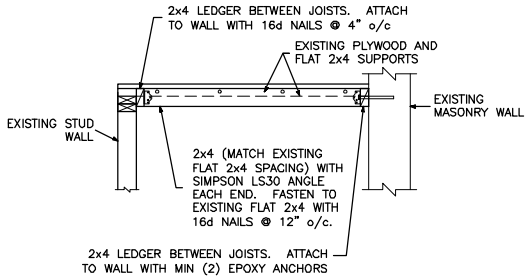
1. CERTAIN CRITICAL CONDITIONS OF EXISTING STRUCTURE ALONG WITH NECESSARY REPAIRS AND REINFORCEMENT CANNOT BE IDENTIFIED UNTIL THE CONSTRUCTION PHASE BEGINS AND EXISTING FINISHES CAN BE PARTIALLY OR WHOLLY REMOVED FOR EXAMINATION OF THE EXISTING STRUCTURE. THESE AREAS INCLUDE, BUT ARE NOT LIMITED TO, BEARING CONDITIONS OF THE UPPER AND LOWER BALCONY BEAMS AT MASONRY WALLS, AND TERMITE DAMAGE TO FLOOR JOISTS AND GIRDERS, CEILING JOISTS, AND WOOD STUD CRIPPLE WALLS UNDER THE SANCTUARY AND THE REMAINDER OF THE MAIN LEVEL.

SHEET SPECIFIC NOTES

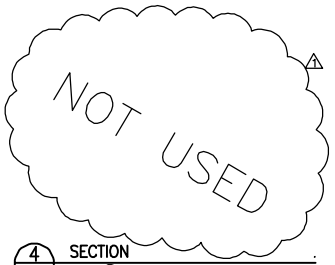
1 11.08.07
2 03.14.08

A 1 0 1 2
SCALE OF FEET

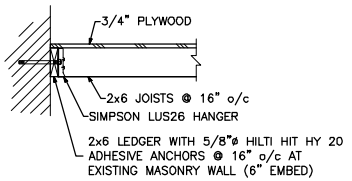
A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT ATLANTA, GA.	TD, CFD	S503	SECTIONS AND DETAILS	489 80,032
CONSULTANT: PALMER ENG. CO. TUCKER, GA	DRAWN: BCT		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. 111 — — SHEET 88 OF 91
	TECH. REVIEW:			
	DATE: 2005 FEB. 9			



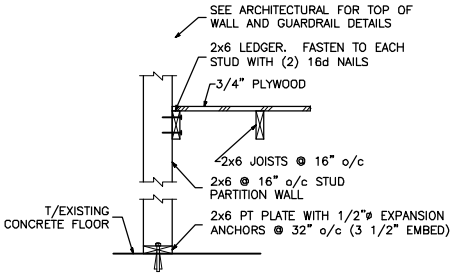
1 S503 **DETAIL** PROPOSED NEW CEILING AT ANTIPHONAL CHAMBER
SCALE: A



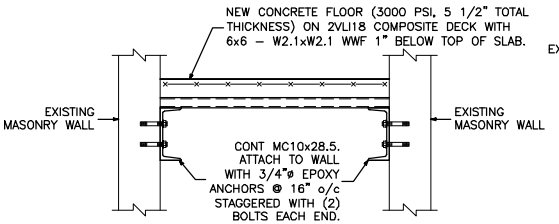
4 S503 **SECTION**
SCALE: A



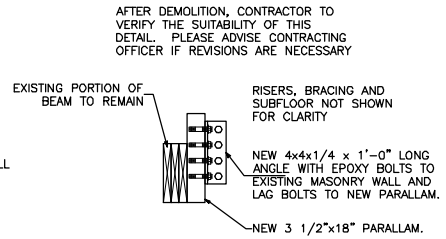
7 S503 **DETAIL** THROUGH LIFT PLATFORM
SCALE: A



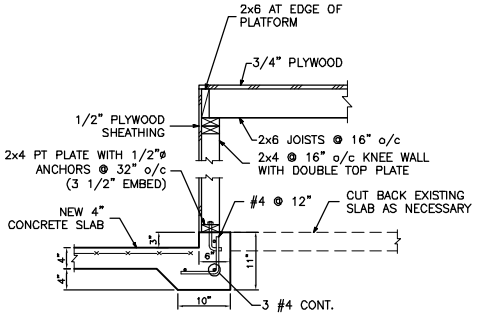
10 S503 **DETAIL** THROUGH LIFT PLATFORM
SCALE: A



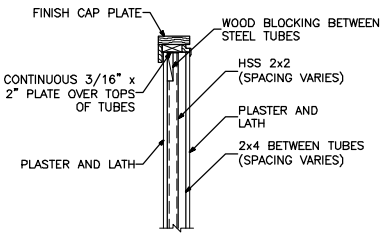
2 S503 **DETAIL** PROPOSED NEW FLOOR AT REAR OF SANCTUARY
SCALE: A



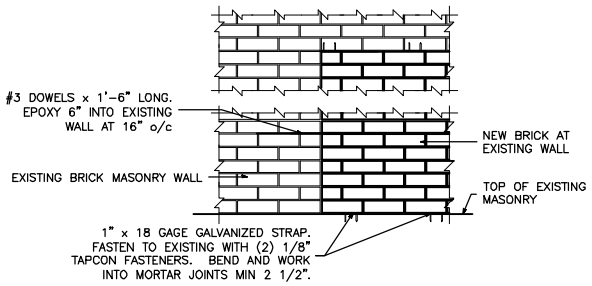
5 S503 **SECTION** BEAM CONNECTION AT WALL
SCALE:



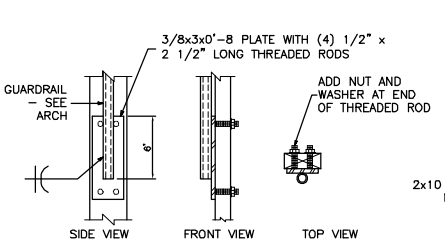
8 S503 **DETAIL** THROUGH LIFT PLATFORM
SCALE: A



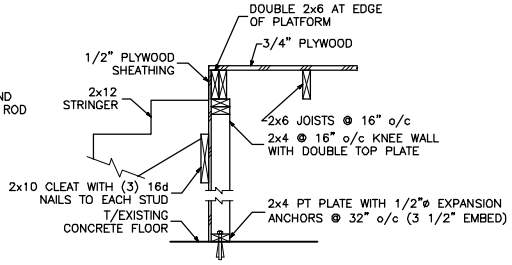
11 S503 **SECTION** STAIR TOWER HANDRAILS – EXISTING CONDTIONS
SCALE: A



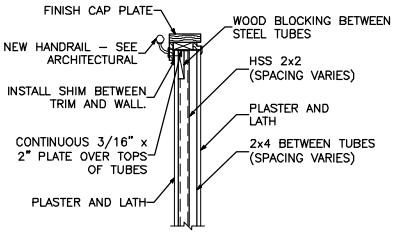
3 S503 **DETAIL** PROPOSED INFILL AT EXISTING MASONRY OPENING
SCALE: A



6 S503 **DETAIL** PROPOSED GUARDRAIL ATTACHMENT AT BALCONY
SCALE: NONE



9 S503 **DETAIL** THROUGH LIFT PLATFORM
SCALE: A



12 S503 **SECTION** STAIR TOWER HANDRAILS – PROPOSED REINFORCING
SCALE: A

APPENDICES 165

GENERAL NOTES

SHEET SPECIFIC NOTES

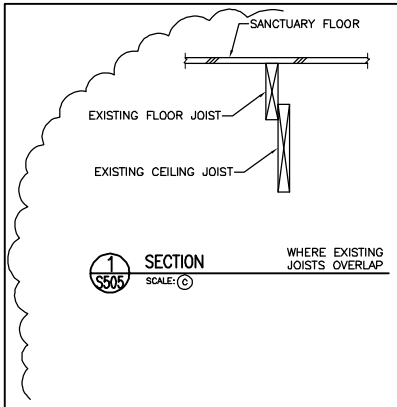
1. CERTAIN CRITICAL CONDITIONS OF EXISTING STRUCTURE ALONG WITH NECESSARY REPAIRS AND REINFORCEMENT CANNOT BE IDENTIFIED UNTIL THE CONSTRUCTION PHASE BEGINS AND EXISTING FINISHES CAN BE PARTIALLY OR WHOLLY REMOVED FOR EXAMINATION OF THE EXISTING STRUCTURE. THESE AREAS INCLUDE, BUT ARE NOT LIMITED TO, BEARING CONDITIONS OF THE UPPER AND LOWER BALCONY BEAMS AT MASONRY WALLS, AND TERMITE DAMAGE TO FLOOR JOISTS AND GIRDERS, CEILING JOISTS, AND WOOD STUD CRIPPLE WALLS UNDER THE SANCTUARY AND THE REMAINDER OF THE MAIN LEVEL.

SHEET SPECIFIC NOTES

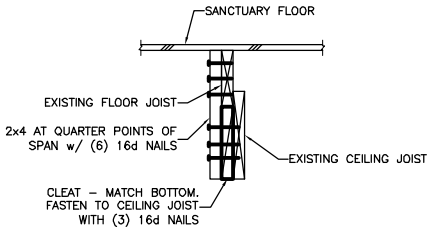
1 11.08.07

A 1 0 1 2
SCALE OF FEET

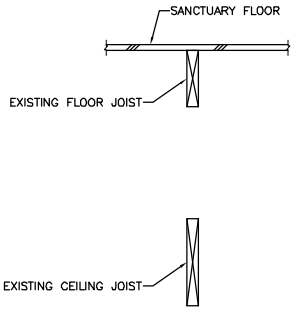
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PRIME: LORD, AECK & SARGENT ATLANTA, GA.	TD, CFD	S503	SECTIONS AND DETAILS	489 80,032
CONSULTANT: PALMER ENG. CO. TUCKER, GA	DRAWN: BCT		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. 111 SHEET 88
	TECH. REVIEW:			OF 91
	DATE: 2005 FEB. 9			



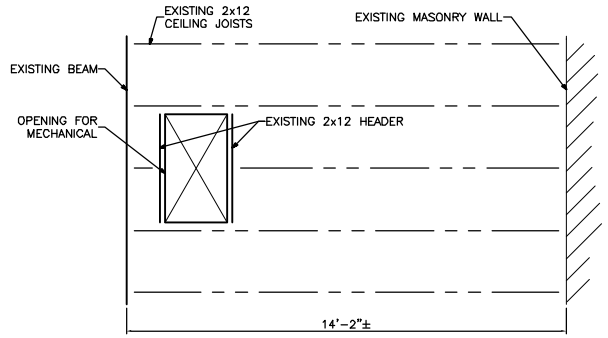
1 S505 SECTION WHERE EXISTING JOISTS OVERLAP
SCALE: C



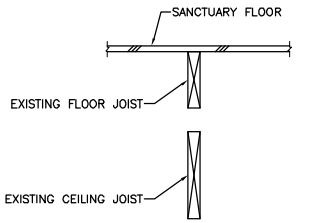
2 S505 SECTION PROPOSED REINFORCING WHERE EXISTING JOISTS OVERLAP
SCALE: C



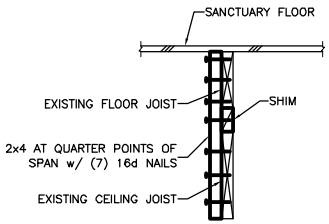
7 S505 SECTION AT EXISTING JOISTS WITH LARGE GAP BETWEEN JOISTS
SCALE: C



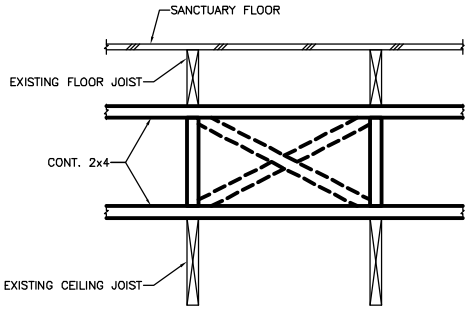
9 S505 PARTIAL PLAN EXISTING MECHANICAL DUCT OPENING
SCALE: B



3 S505 SECTION WHERE EXISTING JOISTS STACK WITH A SMALL GAP
SCALE: C



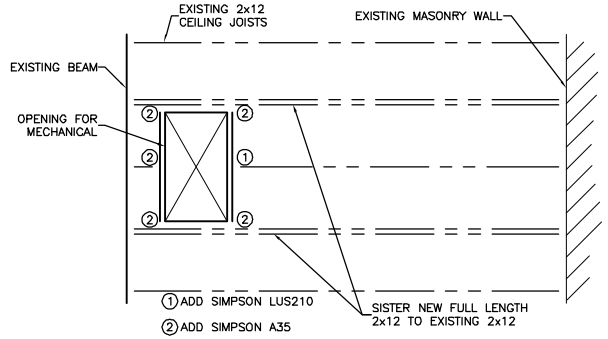
4 S505 SECTION PROPOSED REINFORCING WHERE EXISTING JOISTS STACK
SCALE: C



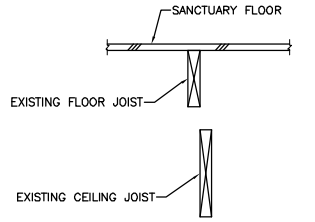
BUILD TYPICAL KNEE WALL NEXT TO EXISTING ONE. USE 2x4's FOR TOP AND BOTTOM PLATES. ALIGN 2x4 STUDS WITH JOISTS

8 S505 SECTION EXISTING JOISTS STACK
SCALE: C

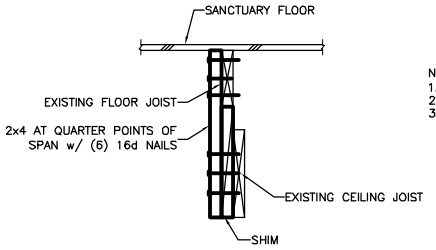
NOTES:
1. ADD 1" METAL STRAP X BRACING EVERY SIXTH BAY.
2. STAGGER SPLICES OF TOP AND BOTTOM 2x4 PLATES.
3. WHERE CEILING JOISTS AND FLOOR JOISTS ARE CLOSE ADD BLOCKING BETWEEN EVERY SIXTH BAY.



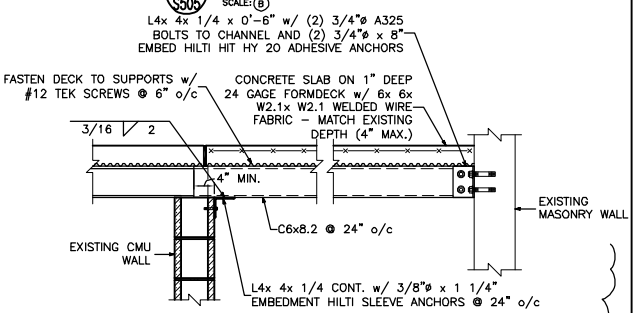
10 S505 PARTIAL PLAN PROPOSED REINFORCING MECHANICAL DUCT OPENING
SCALE: B



5 S505 SECTION WHERE EXISTING JOISTS ARE OFFSET WITH A GAP
SCALE: C



6 S505 SECTION PROPOSED REINFORCING WHERE JOISTS ARE OFFSET WITH A GAP
SCALE: C



11 S505 SECTION FLOOR INFILL AT REAR ADDITION
SCALE: A

APPENDICES 166

GENERAL NOTES
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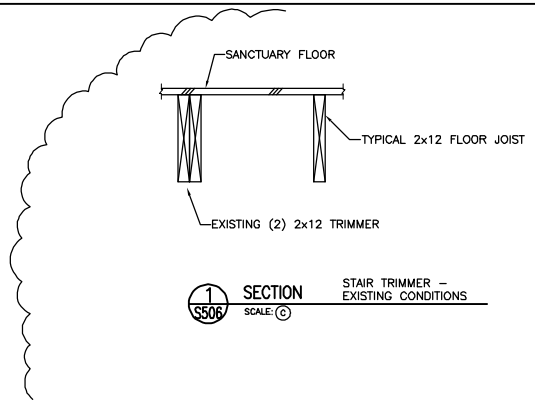
SHEET SPECIFIC NOTES
1. CERTAIN CRITICAL CONDITIONS OF EXISTING STRUCTURE ALONG WITH NECESSARY REPAIRS AND REINFORCEMENT CANNOT BE IDENTIFIED UNTIL THE CONSTRUCTION PHASE BEGINS AND EXISTING FINISHES CAN BE PARTIALLY OR WHOLLY REMOVED FOR EXAMINATION OF THE EXISTING STRUCTURE. THESE AREAS INCLUDE, BUT ARE NOT LIMITED TO, BEARING CONDITIONS OF THE UPPER AND LOWER BALCONY BEAMS AT MASONRY WALLS, AND TERMITE DAMAGE TO FLOOR JOISTS AND GIRDERS, CEILING JOISTS, AND WOOD STUD CRIPPLE WALLS UNDER THE SANCTUARY AND THE REMAINDER OF THE MAIN LEVEL.

SHEET SPECIFIC NOTES
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⚠1 10.16.07

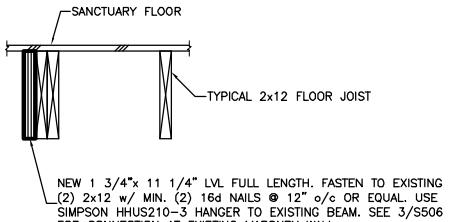
(B) 2 0 2 4 SCALE OF FEET
(C) 6 3 0 6 SCALE OF INCHES

A/E FIRM PRIME: LORD, AECK & SARGENT ATLANTA, GA. CONSULTANT: PALMER ENG. CO. TUCKER, GA	DESIGNED: TD, CFD DRAWN: BCT TECH. REVIEW: DATE: 2005 FEB. 9	SUB SHEET NO. S505	TITLE OF SHEET SECTIONS AND DETAILS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO. 111 SHEET 89 OF 91

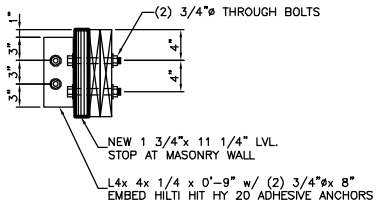
UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / SOUTHEAST REGION / ARCHITECTURE DIVISION - 100 ALABAMA STREET SW ATLANTA GA 30303-3104



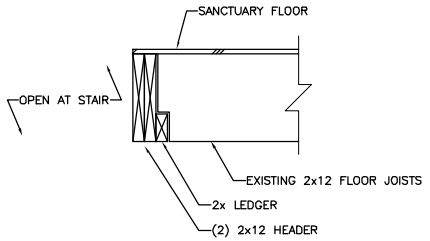
1 S506 SECTION — STAIR TRIMMER – EXISTING CONDITIONS
SCALE: C



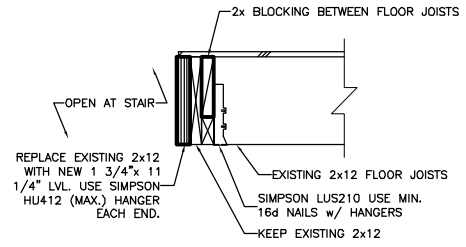
2 S506 SECTION — STAIR TRIMMER – PROPOSED REINFORCING
SCALE: C



3 S506 SECTION — NEW LVL TRIMMER CONNECTION AT EXISTING MASONRY WALL
SCALE: C



4 S506 SECTION — STAIR HEADER – EXISTING CONDITIONS
SCALE: C



5 S506 SECTION — STAIR HEADER – PROPOSED REINFORCING
SCALE: C

GENERAL NOTES

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SHEET SPECIFIC NOTES

1. CERTAIN CRITICAL CONDITIONS OF EXISTING STRUCTURE ALONG WITH NECESSARY REPAIRS AND REINFORCEMENT CANNOT BE IDENTIFIED UNTIL THE CONSTRUCTION PHASE BEGINS AND EXISTING FINISHES CAN BE PARTIALLY OR WHOLLY REMOVED FOR EXAMINATION OF THE EXISTING STRUCTURE. THESE AREAS INCLUDE, BUT ARE NOT LIMITED TO, BEARING CONDITIONS OF THE UPPER AND LOWER BALCONY BEAMS AT MASONRY WALLS, AND TERMITE DAMAGE TO FLOOR JOISTS AND GIRDERS, CEILING JOISTS, AND WOOD STUD CRIPPLE WALLS UNDER THE SANCTUARY AND THE REMAINDER OF THE MAIN LEVEL.

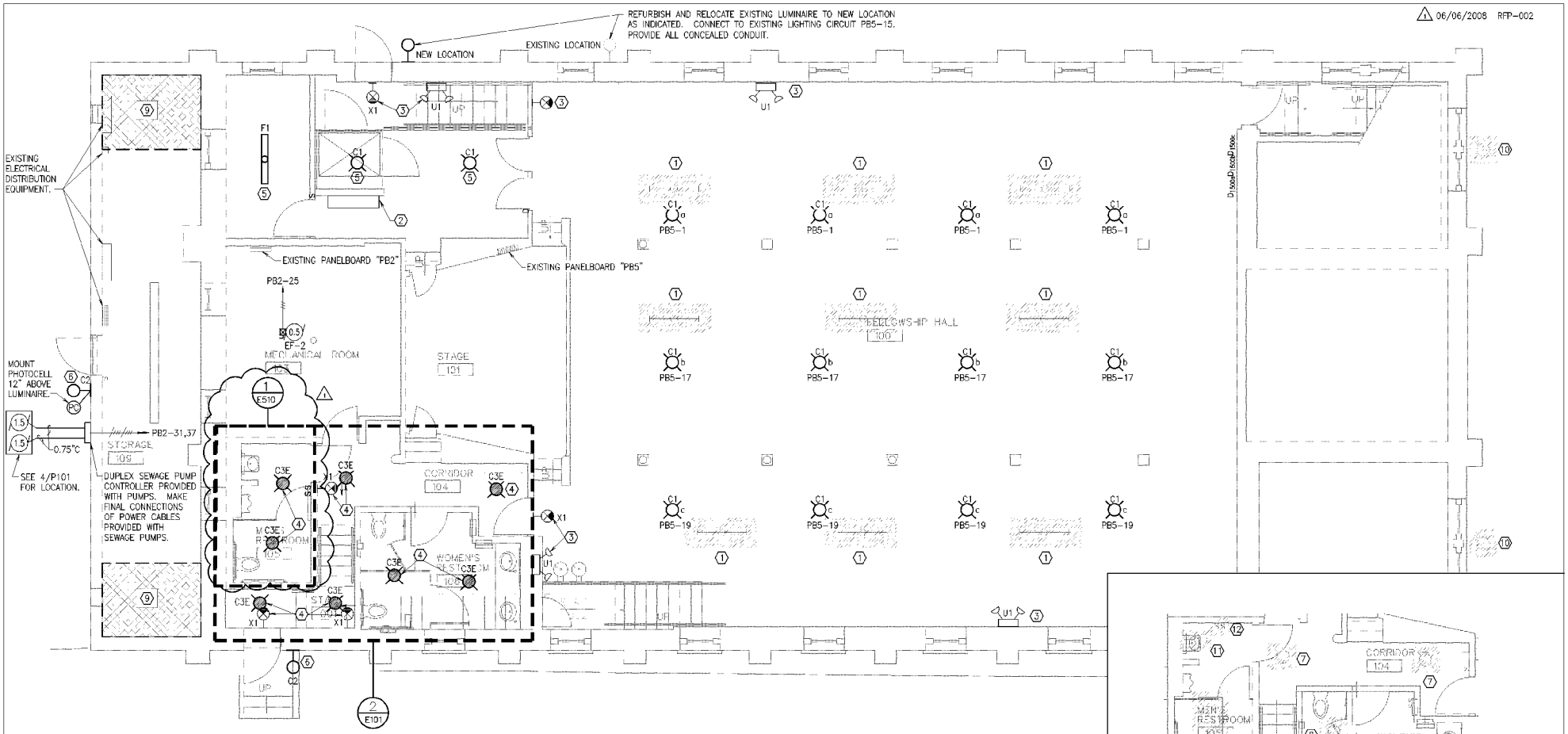
SHEET SPECIFIC NOTES

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⚠1 10.16.07

© 6 3 0 6
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A/E FIRM PRIME: LORD, AECK & SARGENT ATLANTA, GA. CONSULTANT: PALMER ENG. CO. TUCKER, GA	DESIGNED: TD, CFD DRAWN: BCT TECH. REVIEW: DATE: 2005 FEB. 9	SUB SHEET NO. S506	TITLE OF SHEET SECTIONS AND DETAILS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO. 111 SHEET 90 OF 91



1 E101 1ST LEVEL-EXISTING AND PROPOSED LIGHTING AND POWER PLAN

2 E101 1ST LEVEL-EXISTING LIGHTING PART PLAN

4 0 4 8
SCALE OF FEET

GENERAL NOTES

1. EXISTING FIXTURES, EQUIPMENT AND APPARATUS WHICH ARE REMOVED AND NOT REUSED IN THE NEW WORK SHALL BE TURNED OVER TO THE CONTRACTING OFFICER.
2. MATERIAL AND EQUIPMENT WHICH HAS BEEN REMOVED AND NOT ACCEPTED BY THE CONTRACTING OFFICER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

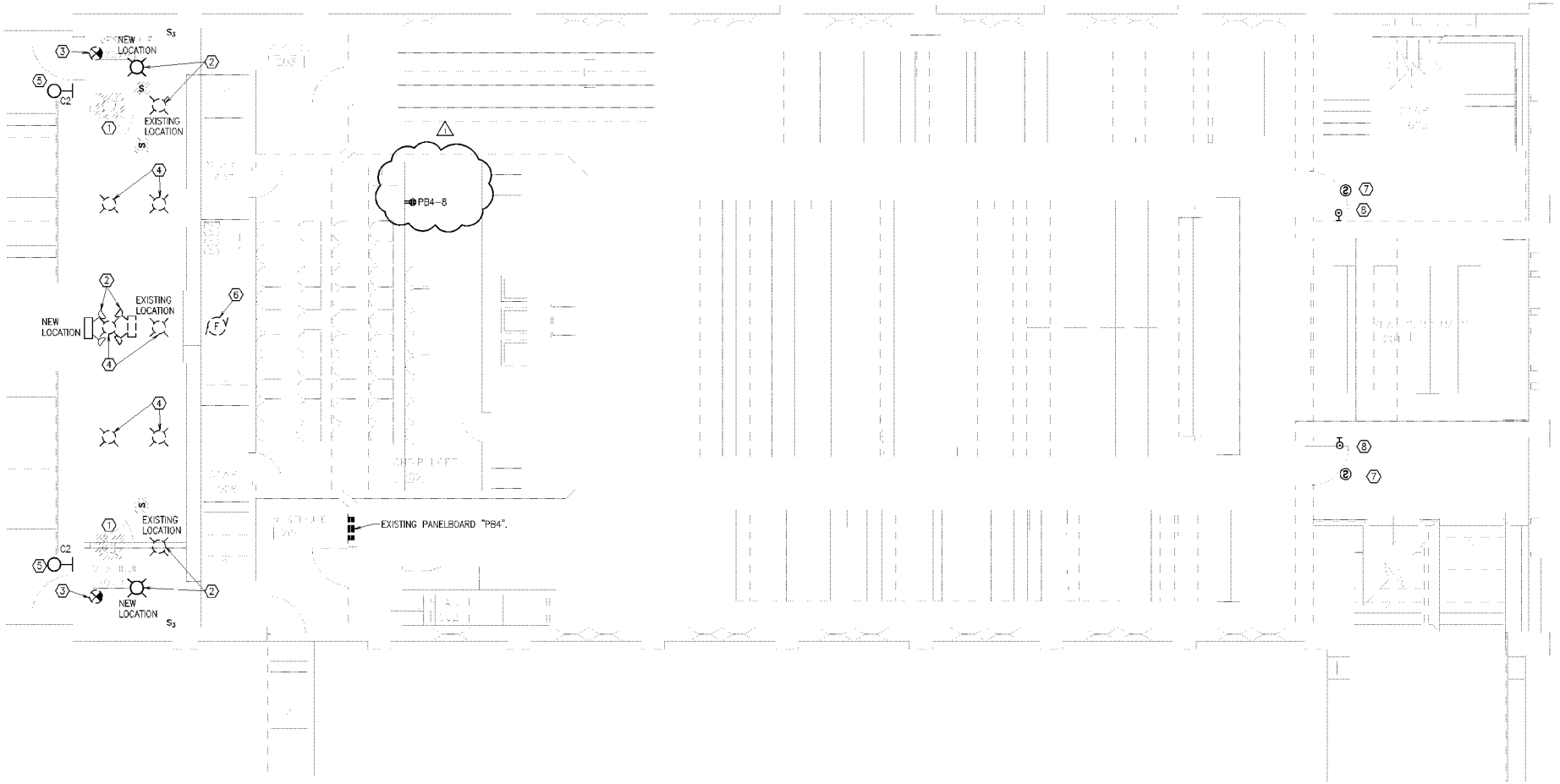
SHEET SPECIFIC NOTES

1. REMOVE 9 EXISITING FLUORESCENT STRIP LUMINAIRES INSTALLED DURING PHASE I.
2. PROVIDE FINAL CONNECTION TO WHEELCHAIR LIFT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE 3#10 AND 1#10G IN 0.75"C TO PB5-39.
3. CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT PB5-2.
4. CONNECT TO EXISTING LIGHTING CIRCUIT PB5-3.
5. CONNECT TO EXISTING KITCHEN LIGHTING CIRCUIT PB5-8.
6. CONNECT TO EXISTING LIGHTING CIRCUIT PB5-15. WIRE THROUGH NEW PHOTOCELL.
7. REMOVE 4 EXISTING CEILING-MOUNTED LUMINAIRES. REUSE EXISTING SWITCHES.
8. REMOVE 1 EXISTING WALL-MOUNTED LUMINAIRE AND 2 EXISTING CEILING-MOUNTED LUMINAIRES. REUSE EXISTING SWITCHES.
9. REWORK ALL EXISTING ELECTRICAL WORK IN THIS AREA TO COORDINATE WITH NEW FLOOR ABOVE.
10. REMOVE EXISTING SIDEWALK LEVEL ACCENT LIGHTING.
11. REMOVE 1 EXISTING WALL-MOUNTED LUMINAIRE AND 1 CEILING-MOUNTED LUMINAIRE.
12. REMOVE EXISTING SWITCHES.

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT: NEWCOMB & BOYD ATLANTA GA	DESIGNED: SLT DRAWN: KZN TECH. REVIEW: SLT DATE: 2005 FEB 09	SUB SHEET NO. E101	TITLE OF SHEET: 1ST LEVEL ELECTRICAL LIGHTING AND POWER PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,020 PKG NO. 111 SHEET 92 OF 99

FILE: D:\DOWNLOADS\CAD DRAWING FILES\E101.DWG
PLOT BY: KZN
PLOT DATE: 12/20/2008
PLOT TIME: 12:53:13 PM

1 06/06/2008 RFP-002



1 / E102 2ND LEVEL-EXISTING AND PROPOSED LIGHTING AND POWER PLAN

SCALE OF FEET 4 0 4 8

SHEET SPECIFIC NOTES

1. REMOVE EXISTING LUMINAIRE.
2. REFURBISH AND RELOCATE EXISTING LUMINAIRE AS INDICATED.
3. LOWER EXISTING EXIT SIGN TO COORDINATE WITH NEW DOOR LOCATION.
4. REUSE EXISTING LUMINAIRES IN CEILING SPACE.
5. REMOVE EXISTING LUMINAIRE AND INSTALL NEW LUMINAIRE AT LOWER ELEVATION TO COORDINATE WITH NEW EXIT. CONNECT TO EXISTING LIGHTING CIRCUIT PB5-15. WIRE THROUGH NEW PHOTOCELL.
6. DISCONNECT POWER TO EXISTING BAPTISTERY PUMP AND ABANDON CIRCUIT IN PLACE. MARK PANELBOARD DIRECTORY TO INDICATE ABANDONED IN PLACE CONDITION.
7. AREA SMOKE DETECTOR. MATCH EXISTING AND CONNECT TO EXISTING FIRE ALARM SYSTEM, TEST THE SYSTEM IN ACCORDANCE WITH NFPA 72, 2002.
8. DOOR HOLDER DEVICE: 2 PIECE DESIGNED TO MOUNT TO THE DOOR AND ADJACENT TO WALL OR FLOOR. UPON ACTIVATION OF FIRE ALARM SYSTEM DOORS SHALL BE CLOSED.
   - (2) SMOKE DETECTOR
   - (F) DOOR HOLDER DEVICE

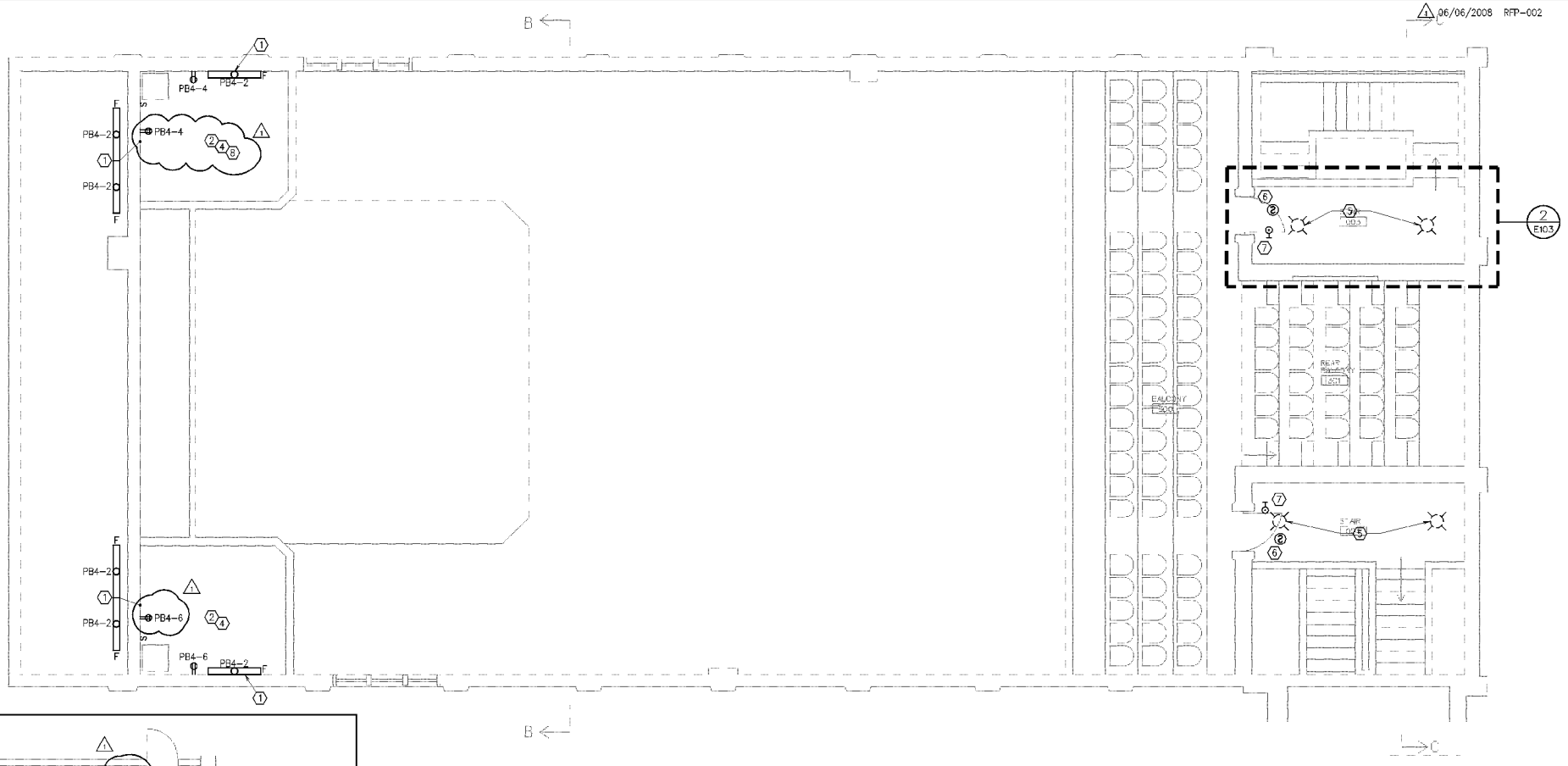
GENERAL NOTES

1. EXISTING FIXTURES, EQUIPMENT AND APPARATUS WHICH ARE REMOVED AND NOT REUSED IN THE NEW WORK SHALL BE TURNED OVER TO THE CONTRACTING OFFICER.
2. MATERIAL AND EQUIPMENT WHICH HAS BEEN REMOVED AND NOT ACCEPTED BY THE CONTRACTING OFFICER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

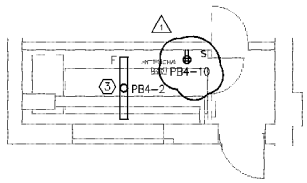
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT: NEWCOMB & BOYD ATLANTA GA	DESIGNED: SLT DRAWN: KZN TECH. REVIEW: SLT DATE: 2005 FEB 09	SUB SHEET NO. E102	TITLE OF SHEET: 2ND LEVEL ELECTRICAL LIGHTING AND POWER PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,020 PKG NO. 111 SHEET 93 OF 99

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PLOT BY: KZN
PLOT DATE: 12/5/2012 PM

1 06/06/2008 RFP-002



1 E103 3RD LEVEL-EXISTING AND PROPOSED LIGHTING AND POWER PLAN



2 E103 INTERMEDIATE LEVEL-EXISTING AND PROPOSED LIGHTING PART PLAN

SCALE OF FEET: 4 0 4 8

MATERIAL KEYNOTES

GENERAL NOTES

1. EXISTING FIXTURES, EQUIPMENT AND APPARATUS WHICH ARE REMOVED AND NOT REUSED IN THE NEW WORK SHALL BE TURNED OVER TO THE CONTRACTING OFFICER.
2. MATERIAL AND EQUIPMENT WHICH HAS BEEN REMOVED AND NOT ACCEPTED BY THE CONTRACTING OFFICER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

SHEET SPECIFIC NOTES

(1) WALL MOUNT 6'-0" AFF.

(2) PROVIDE 1-2" CONDUIT FROM THE BLOWER ROOM TO THE ORGAN CHAMBER.

(3) MOUNT LUMINAIRE TIGHT TO CEILING AND BETWEEN FRAMING MEMBERS. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION.

(4) SURFACE MOUNT ALL RACEWAYS IN THE ORGAN CHAMBERS.

(5) REUSE EXISTING LUMINAIRES IN CEILING SPACE.

(6) AREA SMOKE DETECTOR. MATCH EXISTING AND CONNECT TO EXISTING FIRE ALARM SYSTEM. TEST THE SYSTEM IN ACCORDANCE WITH NFPA 72, 2002.

(7) DOOR HOLDER DEVICE: 2 PIECE DESIGNED TO MOUNT TO THE DOOR AND ADJACENT TO WALL OR FLOOR. UPON ACTIVATION OF FIRE ALARM SYSTEM DOORS SHALL BE CLOSED.

1 (8) PROVIDE ONE 2" C FROM THE WEST ORGAN CHAMBER TO THE ANTIPHONAL. COORDINATE EXACT LOCATION WITH THE ORGAN RESTORATION CONTRACTOR.

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT: NEWCOMB & BOYD ATLANTA GA	DESIGNED: SLT DRAWN: KZN TECH. REVIEW: SLT DATE: 2005 FEB 09	SUB SHEET NO. E103	TITLE OF SHEET: 3RD LEVEL ELECTRICAL LIGHTING AND POWER PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,020 PKG NO. 111 SHEET 94 OF 99

FILE: D:\DOWNLOADS\D-CAD DRAWING FILES\E103.DWG
PLOT BY: KZN
PLOT DATE: 12/7/05 2:20PM
PLOT TIME: 12:32:52 PM

APPENDICES 171

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOG SERIES	LAMP QUANTITY & TYPE	VOLTAGE/ DESIGN WATTAGE	MOUNTING METHOD	DESCRIPTION
F1	DAY-BRITE HUBBELL LIGHTOLIER LITHONIA METALUX	T C SN C SS	2-F32T8-3500K MINIMUM CRI 75	120/ 70	SURFACE, CEILING	4' LONG TWO LAMP BARE STRIP LUMINAIRE WITH WHITE FINISH.
C1	REJUVENATION	ROSE CITY	INCANDESCENT	120/ 300	PENDANT, CEILING	DECORATIVE LUMINAIRE AS SPECIFIED BY ARCHITECT.
C2	ADVENT	EASTLAND	INCANDESCENT	120/ 75	SURFACE, WALL	DECORATIVE LUMINAIRE AS SPECIFIED BY ARCHITECT.
C3	PROGRESS	NEWPORT II	1-32WFC12T9-2700K 1-40WFC16T9-2700K MINIMUM CRI 80	120/ 100	SURFACE, CEILING	DECORATIVE LUMINAIRE AS SPECIFIED BY ARCHITECT.
U1	EMERGI-LITE HUBBELL McPHILBEN SURE-LITES	DLM-2 PE2 65 CU-1	PROVIDED BY MANUFACTURER	120/277 20	SURFACE, WALL	EMERGENCY BATTERY PACK LUMINAIRE WITH WHITE POLYCARBONATE DECORATIVE HOUSING SEALED MAINTENANCE-FREE BATTERY PACK FOR 90 MINUTE OPERATION, AND TWO 5.4 WATT SIDE MOUNTED LAMPS
X1	EMERGILITE HUBBELL JUNO LITHONIA SURE-LITES	ECL PR EXG50 LQM CCX	LED LAMPS, SUPPLIED BY MANUFACTURER.	120/ 5W PER FACE	SURFACE, WALL, OR CEILING PER DRAWINGS	INJECTION MOLDED HIGH-IMPACT THERMOPLASTIC EXIT SIGN WITH SINGLE- OR DOUBLE- FACE AS INDICATED ON THE DRAWINGS, WHITE HOUSING FINISH, RED LETTERS, UNIVERSAL ARROWS AND UNIVERSAL MOUNTING. LUMINAIRE SHALL COMPLY WITH NFPA 101-2000 SECTION 7.10. VISIBLE LED LAMPS ARE NOT ACCEPTABLE. PROVIDE INTEGRAL MAINTENANCE-FREE BATTERY PACK.
*E						SAME LUMINAIRE AS TYPE "*" EXCEPT WITH EMERGENCY BATTERY BALLAST.

EXISTING PANELBOARD "PB2" SCHEDULE

VOLTAGE: 208Y/120 V AIC: 22,000 SECTION: 1 OF 1
PHASE: 3 BUS: 225 A MOUNTING: SURFACE
WIRE: 4 MAIN: MLO LOCATION: MECHANICAL ROOM 103

LOAD	DESCRIPTION	kVA	CB	CKT	A	B	C	CKT	CB	kVA	DESCRIPTION	LOAD
MISC	TRAP PRIMER	0.2	20/1	1	1.3			2	20/3	1.1	UH-1	HTG
LTG	*BLOWER RM LTG	0.1	20/1	3		1.2		4		1.1		HTG
REC	*BLOWER RM REC	1.2	20/1	5			2.3	6		1.1		HTG
	COMPRESSOR		20/1	7	1.1			8	20/3	1.1	UH-2	HTG
	SPARE		20/1	9		1.1		10		1.1		HTG
	SPARE		20/1	11			1.1	12		1.1		HTG
	SPARE		20/1	13	1.2			14	20/2	1.2	CVH-2	MISC
	SPARE		20/1	15		1.2		16		1.2		MISC
	SPARE		20/1	17			0.2	18	20/1	0.2	FACP	MISC
	SPARE		20/1	19	1.1			20	20/3	1.1	UH-4	HTG
	SPARE		20/1	21		1.1		22		1.1		HTG
	SPARE		20/1	23			1.1	24		1.1		HTG
MTR	**EF-2	0.3	20/3	25	1.3			26	20/2	1	CVH-1	MISC
MTR		0.3		27		1.5		28		1.2		MISC
MTR		0.3		29			1.2	30	20/3	0.9	COMPRESSOR	MTR
MTR	**SEWAGE PUMP	0.8	20/3	31	1.7			32		0.9		MTR
MTR		0.8		33		1.7		34		0.9		MTR
MTR		0.8		35			1.7	36	20/1	0.9	COMPRESSOR	MTR
MTR	**SEWAGE PUMP	0.8	20/3	37	1.7			38	20/1	0.9	PANEL PB6	MISC
MTR		0.8		39		1.7		40	20/1	0.9	PANEL PB6	MISC
MTR		0.8		41			1	42	20/1	0.2	DDC PANEL	MISC
	PHASE TOTALS:				9.4	9.5	8.6					

CONNECTED AMPERES: 76 CONNECTED kVA: 28
DEMAND AMPERES: 76 DEMAND kVA: 28

NOTES:
1. PROVIDE INTEGRATED RATED BREAKER AIC AND BUS BRACING RMS SYMMETRICAL AMPERES.
2. AN ASTERISK (*) INDICATES NEW CIRCUITS CONNECTED TO EXISTING SPARE CIRCUIT BREAKERS AS PART OF THIS WORK.
3. A DOUBLE ASTERISK (**) INDICATES NEW CIRCUITS CONNECTED TO NEW CIRCUIT BREAKERS AS INDICATED. ALL EXISTING SPARE CIRCUIT BREAKERS REMOVED AS PART OF THIS WORK SHALL BE TURNED OVER TO THE NPS.
4. THE INFORMATION CONTAINED IN THIS SCHEDULE HAS BEEN TAKEN FROM PHASE I AS-BUILT DRAWINGS. THE CONTRACTOR SHALL VERIFY THE LOADS ON ALL CIRCUITS USED IN THE NEW WORK AND MODIFY THE INSTALLATION ACCORDINGLY TO ACCOMMODATE EXISTING CONDITIONS. THESE MODIFICATIONS OF THE INSTALLATION TO ACCOMMODATE EXISTING CONDITIONS SHALL BE PERFORMED AT NO ADDITIONAL COST.

EXISTING PANELBOARD "PB4" SCHEDULE

VOLTAGE: 208Y/120 V AIC: 10,000 SECTION: 1 OF 1
PHASE: 3 BUS: 100 A MOUNTING: RECESSED
WIRE: 4 MAIN: MLO LOCATION: VESTIBULE 204

LOAD	DESCRIPTION	kVA	CB	CKT	A	B	C	CKT	CB	kVA	DESCRIPTION	LOAD
LTG	SANCTUARY LTG		20/1	1	0.3			2	20/1	0.3	*ORGAN CHAMBER LTG	HTG
LTG	SANCTUARY LTG		20/1	3		1.2		4	20/1	1.2	*ORGAN CHAMBER REC	HTG
LTG	SANCTUARY LTG		20/1	5			1.2	6	20/1	1.2	*ORGAN CHAMBER REC	HTG
LTG	SANCTUARY LTG		20/1	7	1.2			8	20/1	1.2	*ORGAN CHAMBER REC	HTG
LTG	BALCONY LTG		20/1	9		1.2		10	20/1	1.2	*ANTIPHONAL REC	HTG
LTG	EAST STAIR LTG		20/1	11				12	20/1		SPARE	HTG
LTG	CROSS LTG		20/1	13				14	20/1		SPARE	MISC
	SPARE		20/1	15				16	20/1		SPARE	MISC
	SPARE		20/1	17				18	20/1		ATTIC LTG	MISC
	SPARE		20/1	19				20	20/1		LTG-WEST TOWER	HTG
	SPARE		20/1	21				22	20/1		LTG-EAST TOWER	HTG
	SPARE		20/1	23				24	20/2		CVH-3	HTG
	SPARE		20/1	25				26				MISC
	SPARE		20/1	27				28	20/2		CVH-4	MISC
	SPARE		20/1	29				30				MTR
	SPARE		20/1	31				32	20/1		HEAT TRACE CABLE	MTR
	SPARE		20/1	33				34	20/1		HEAT TRACE CABLE	MTR
	SPARE		20/1	35				36	20/1		HEAT TRACE CABLE	MTR
	SPARE		20/1	37				38	20/1		HEAT TRACE CABLE	MISC
	SPARE		20/1	39				40	20/1		DDC PANEL	MISC
	SPARE		20/1	41				42	20/1		DDC PANEL	MISC
	PHASE TOTALS:				1.5	2.4	1.2					

CONNECTED AMPERES: 14 CONNECTED kVA: 5
DEMAND AMPERES: 14 DEMAND kVA: 5

NOTES:
1. PROVIDE INTEGRATED RATED BREAKER AIC AND BUS BRACING RMS SYMMETRICAL AMPERES.
2. AN ASTERISK (*) INDICATES NEW CIRCUITS CONNECTED TO EXISTING SPARE CIRCUIT BREAKERS AS PART OF THIS WORK.
3. A DOUBLE ASTERISK (**) INDICATES NEW CIRCUITS CONNECTED TO NEW CIRCUIT BREAKERS AS INDICATED. ALL EXISTING SPARE CIRCUIT BREAKERS REMOVED AS PART OF THIS WORK SHALL BE TURNED OVER TO THE NPS.
4. THE INFORMATION CONTAINED IN THIS SCHEDULE HAS BEEN TAKEN FROM PHASE I AS-BUILT DRAWINGS. THE CONTRACTOR SHALL VERIFY THE LOADS ON ALL CIRCUITS USED IN THE NEW WORK AND MODIFY THE INSTALLATION ACCORDINGLY TO ACCOMMODATE EXISTING CONDITIONS. THESE MODIFICATIONS OF THE INSTALLATION TO ACCOMMODATE EXISTING CONDITIONS SHALL BE PERFORMED AT NO ADDITIONAL COST.

EXISTING PANELBOARD "PB5" SCHEDULE

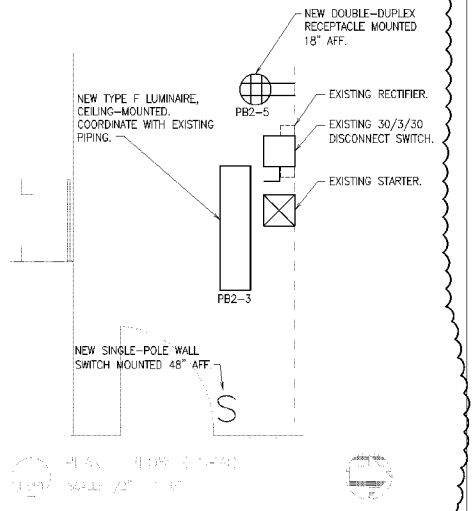
EQUIPMENT SERVED	CKT BKR TRIP	CKT BKR POLE	kVA/PHASE A*	kVA/PHASE B*	kVA/PHASE C*	CKT NO.	CKT NO.	kVA/PHASE A*	kVA/PHASE B*	kVA/PHASE C*	CKT BKR POLE	CKT BKR TRIP	EQUIPMENT SERVED
FELLOWSHIP LTG	20	1	1.2			1	2				1	20	KITCHEN LTG
BATH & HALL LTG	20	1				3	4				1	20	EXHAUST FAN
STAGE REC	20	1				5	6				1	20	REC
MECH ROOM LTG	20	1				7	8				1	20	KITCHEN LTG
STAGE LTG	20	1				9	10				1	20	KITCHEN REC
KITCHEN REC	20	1				11	12				3	20	SPARE
KITCHEN REC	20	1				13	14						
FELLOWSHIP LTG/REC	20	1				15	16						
*FELLOWSHIP LTG	20	1			1.2	17	18				1	20	STAIR LTG
*FELLOWSHIP LTG	20	1	1.2			19	20				1	20	SPARE
*FELLOWSHIP LTG	20	1		1.2		21	22				1	20	SPARE
SPARE	20	1				23	24				1	20	SPARE
SPARE	20	1				25	26				1	20	SPARE
SPARE	20	1				27	28				1	20	SPARE
SPARE	20	1				29	30				1	20	SPARE
SPARE	20	1				31	32				1	20	SPARE
SPARE	20	1				33	34				1	20	SPARE
SPARE	20	1				35	36				1	20	SPARE
SPARE	20	1				37	38				1	20	SPARE
**WHEELCHAIR LIFT	30	2		2.4		39	40				1	20	SPARE
					2.4	41	42				1	20	SPARE

NOTES:
1. MINIMUM INTEGRATED EQUIPMENT SHORT CIRCUIT RATING: 10,000 SYMMETRICAL AMPERES.
2. CHARACTERISTICS:
   VOLTS: 208Y/120 Hz: 60
   PHASE: 3 MLO: 100A
   WIRE: 4
3. MOUNTING: FLUSH
4. AN ASTERISK (*) INDICATES NEW CIRCUITS CONNECTED TO EXISTING SPARE CIRCUIT BREAKERS AS PART OF THIS WORK.
5. A DOUBLE ASTERISK (**) INDICATES NEW CIRCUITS CONNECTED TO NEW CIRCUIT BREAKERS AS INDICATED. ALL EXISTING SPARE CIRCUIT BREAKERS REMOVED AS PART OF THIS WORK SHALL BE TURNED OVER TO THE NPS.
6. THE INFORMATION CONTAINED IN THIS SCHEDULE HAS BEEN TAKEN FROM PHASE I AS-BUILT DRAWINGS. THE CONTRACTOR SHALL VERIFY THE LOADS ON ALL CIRCUITS USED IN THE NEW WORK AND MODIFY THE INSTALLATION ACCORDINGLY TO ACCOMMODATE EXISTING CONDITIONS. THESE MODIFICATIONS OF THE INSTALLATION TO ACCOMMODATE EXISTING CONDITIONS SHALL BE PERFORMED AT NO ADDITIONAL COST.

1 06/06/2008 RFP-002

BLOWER ROOM NOTES:

1. VERIFY OPERATION OF THE EXISTING BLOWER MOTOR PRIOR TO BEGINNING BLOWER ROOM WORK.
2. PROVIDE ONE 1.5" C FROM THE BLOWER ROOM TO THE CONSOLE AREA. COORDINATE EXACT LOCATION WITH THE ORGAN RESTORATION CONTRACTOR.
3. REUSE THE EXISTING FUSED DISCONNECT SWITCH FOR THE BLOWER MOTOR. CLEAN AND LUBRICATE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. REPLACE EXISTING 30 A FUSES WITH NEW FUSES.
4. REPLACE THE EXISTING STARTER FOR THE BLOWER MOTOR WITH A NEW STARTER WITH A DC MAGNETIC COIL. COORDINATE THE DC VOLTAGE REQUIRED WITH THE ORGAN RESTORATION CONTRACTOR.
5. THE EXISTING RECTIFIER SHALL BE ABANDONED IN PLACE.



MATERIAL KEYNOTES

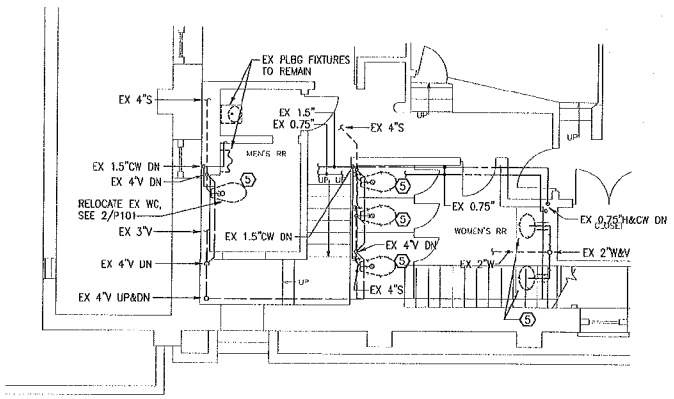
GENERAL NOTES

1. EXISTING FIXTURES, EQUIPMENT AND APPARATUS WHICH ARE REMOVED AND NOT REUSED IN THE NEW WORK SHALL BE TURNED OVER TO THE CONTRACTING OFFICER.
2. MATERIAL AND EQUIPMENT WHICH HAS BEEN REMOVED AND NOT ACCEPTED BY THE CONTRACTING OFFICER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.

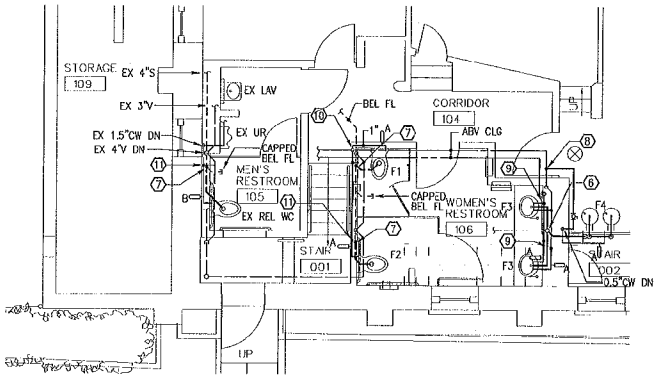
SHEET SPECIFIC NOTES

A/E FIRM: LORD, AECK & SARGENT, ATLANTA, GA
CONSULTANT: NEWCOMB & BOYD, ATLANTA, GA
DESIGNED: SLT
DRAWN: KZN
TECH. REVIEW: SLT
DATE: 2005 FEB 09
SUB SHEET NO.: E510
TITLE OF SHEET: ELECTRICAL SCHEDULES AND DETAILS
EBENEZER BAPTIST CHURCH, MLK JR. NATIONAL HISTORIC SITE
DRAWING NO. 489 80,020
PKG NO. 111
SHEET 96 OF 99

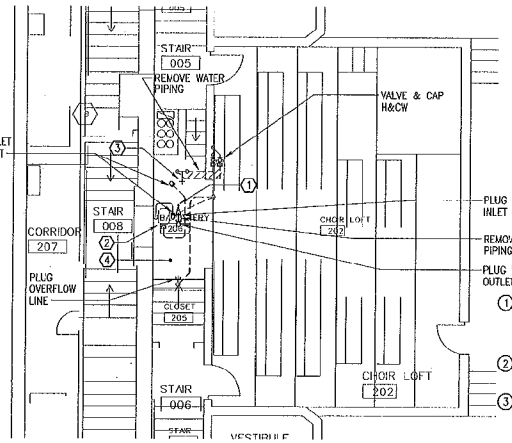
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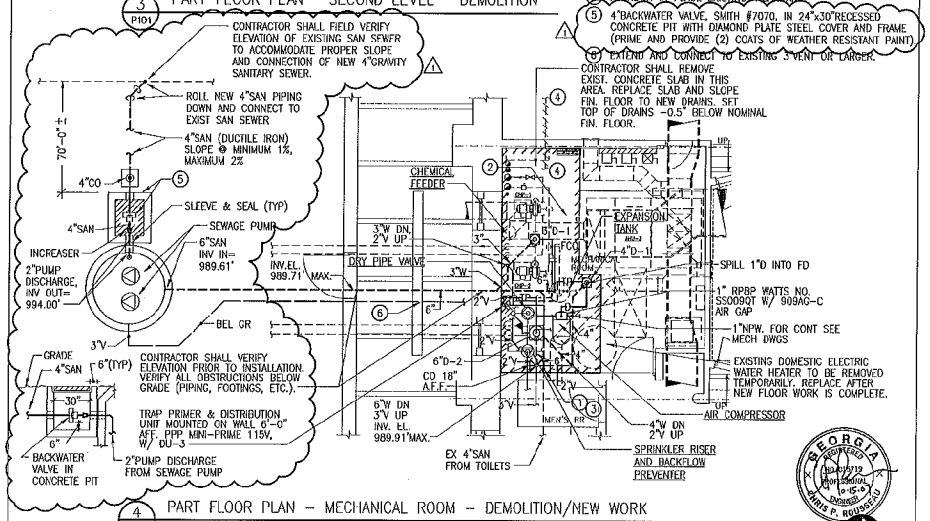
1 P101 PART FLOOR PLAN - FIRST LEVEL - DEMOLITION



2 P101 PART FLOOR PLAN - FIRST LEVEL - NEW WORK



3 P101 PART FLOOR PLAN - SECOND LEVEL - DEMOLITION



4 P101 PART FLOOR PLAN – MECHANICAL ROOM – DEMOLITION/NEW WORK

10/18/07

KEYED NOTES:

1. CONNECT 4"SANITARY FROM RESTROOM FIXTURES TO 6"WASTE FROM FLOOR DRAINS IN MECHANICAL ROOM. CONTRACTOR SHALL VERIFY ELEVATIONS TO MAKE PROPER CONNECTIONS AND TO MAINTAIN INVERT ELEVATIONS INDICATED TO RELATED PIPING.
2. REWORK WASTE PIPING FROM FLOOR DRAINS AS SHOWN TO EXIT TO THE SOUTH OF THE BUILDING TO THE SEWAGE PUMP. MECH RM PLUMBING DEPICTS PHASE I DESIGN.
3. PLUG AND ABANDONED IN PLACE EXISTING 4"SANITARY FROM THIS POINT AFTER THE POINT OF CONNECTION TO 6"WASTE IS VERIFIED. PLUG AND ABANDON IN PLACE ALSO UPSTREAM AND DOWNSTREAM OF EXISTING BACKWATER VALVE BENEATH THE SIDEWALK ON JACKSON STREET.
4. ABANDON IN PLACE EXISTING 4"SANITARY.
5. 4"BACKWATER VALVE, SMITH #7070, IN 24"x30"RECESSED CONCRETE PIT WITH DIAMOND PLATE STEEL COVER AND FRAME (PRIME AND PROVIDE (2) COATS OF WEATHER RESISTANT PAINT).
6. EXTEND AND CONNECT TO EXISTING 3"VENT OR LARGER.

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES
1. AFTER INSTALLATION OF NEW FIXTURES, REPAIR ALL RELATED WALLS AND FLOORS FOR A FINISHED CONDITION. 2. TURN EXISTING FIXTURES, EQUIPMENT AND ACCESSORIES OVER TO THE OWNER.	1. CONTRACTOR SHALL VERIFY EXACT SIZE AND LOCATION OF EXISTING PLUMBING IN THE FIELD BEFORE BEGINNING WORK. 2. THIS DRAWING DOES NOT PURPORT TO SHOW ALL EXISTING UTILITIES.	(1) EXISTING BACKWATER VALVE. DISENGAGE AND CAP WASTE PIPING FROM BACKWATER VALVE INLET. CAP BACKWATER VALVE INLET AND PLUG WASTE AND OVERFLOW OUTLET OF BAPTISTERY AND ABANDON ENTIRE SYSTEM IN PLACE. (2) EXISTING BAPTISTERY PUMP. PLUG SUPPLY/RETURN LINES AT INLET AND OUTLET OF BAPTISTERY. ABANDON ENTIRE SYSTEM IN PLACE. (3) EXISTING FAUCET TO REMAIN. REMOVE EXISTING HOT AND COLD WATER SUPPLY PIPING AND VALVE AND CAP TO NEAREST ACTIVE LINES TO REMAIN IN SERVICE. (4) EXISTING BAPTISTERY AND RELATED EQUIPMENT AND ACCESSORIES. (5) REMOVE EXISTING FIXTURE AND TRIM. CAP SANITARY OR WASTE AND HOT OR COLD WATER SUPPLY AS REQUIRED FOR INSTALLATION OF NEW FIXTURE. (6) CONN 1.25"W TO EX 2"W&V. (7) CONN 4"S TO EX 4"S. (8) CONN 0.5"CW TO EX 0.75"CW. (9) CONN 0.5"H&CW TO EX 0.5"H&CW. (10) CONN 1"CW TO EX 1.5"CW. (11) CONN 1"CW TO EX 1"CW.

SCALE OF FEET: 4 0 4 8

A/E FIRM	DESIGNED: AJM	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT: NEWCOMB & BOYD ATLANTA GA	DRAWN: AJM TECH REVIEW: CPR DATE: 2005 FEB 9	P101	1ST LEVEL AND 2ND LEVEL - PLUMBNG PLANS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	489 80,020 PKG. NO. 111 SHEET 97 OF 99

GEORGIA REGISTERED 10/31/2008 PROFESSIONAL ENGINEER JAMES P. ROUNSAVALL

APPENDICES 173

SEWAGE PUMP:
(a)Furnish and install as shown on the drawings and as specified herein after one complete Weil Pump Co. series 2613 duplex "Quick-Remove" GRINDER pumping system consisting of but not limited to; two submersible grinder pump/motor assemblies, "Quick-Remove" fittings, automatic liquid level control, basin, basin cover and all necessary appurtenances required for a properly operating pumping system.

(b)Pumps shall be designed for handling raw unscreened sewage, and shall be removable from sump pit without the need for personnel entering the pit or the removal of any fasteners.

(c)Pump motors shall be minimum size of 1-1/2 H.P. and shall operate at a maximum speed of 1,750 R.P.M., and be suitable for operation with available electrical current. Motors shall be housed in an air filled, water tight cast iron housing and be suitable for intermittent operation up to 140 degree F. Motors shall be hermetically sealed furnished with built in auto reset overload protection and class "F" insulation. Oil filled motors will not be acceptable. Pumps shall be furnished with an upper and lower permanently lubricated double sealed ball bearings. Motors shall be of the design that are warranted without the need of moister sensing electrodes. Motor shaft shall be 316 Stainless steel with keyway for positive positioning of the impeller. Pump shall be centerline discharge with mating flange for attaching to the slide rail bracket.

(d)Each pump shall be furnished with 25 feet of type SO neoprene jacketed cable. The incoming power cable wires shall be spliced in the combination end bell terminal box.

(e)Pumps shall incorporate a tandem mechanical seal system. The upper seal assembly shall be housed in a seal chamber filled with clean biodegradable oil. The upper seal faces shall be carbon against Ni-Resist with the lower seal faces of solid silicon carbide.

(f)The grinder assembly located on the suction side of the impeller shall be capable of grinding all materials normally found in domestic sewage. The cutter and shredder ring shall be constructed of super hard corrosion resistant stainless steel and suitable for operation in an environment having a PH range of 17 - 4. The cutter and ring assembly shall macerate solids into a slurry and discharge to the pump impeller. The cutter/ring assembly shall have no exposed shaft to permit packing of solids. The shredding ring shall be field reversible.

(g)The pump casing shall be heavy duty cast iron construction with centerline discharge and equipped with no 2613 cast iron connecting yoke.

(h)The pump manufacturer shall warrant the pumps being supplied to the owner against defects in workmanship and materials for a period of five (5) years under normal use, operation and service.

(i)All repairs or replacement parts that may be needed after the initial sixteen (16) months and the cost (F.O.B. factor) pro rated for the period of time the pump has been in operation.

(j)Pumps that require separate motor manufacturers approval of specialized service centers for warranty or service work will not be acceptable. The warranty shall be in published form.

(k)Pumps shall be Weil Pump Co. model no. 2-2516J-1-1/2

(l)There shall be furnished a set of "Quick-Remove" fittings for each pump consisting of: galvanized steel guide poles, when basin depths exceed 15'-0" intermediate guide pole braces shall be provided, stainless steel lifting cable, pump mounted connecting yoke, cast iron flanged floor discharge elbow with integral anchor feet and designed to furnish perfect alignment, and to allow positive locking and sealing between the pump mounted connecting yoke and the floor discharge elbow assembly. The floor discharge elbow assembly shall be anchored to the basin floor with stainless steel bolts and nuts.

(n)Liquid level controller shall be designed for controlling a duplex pumping system and shall be of the tether design consisting of: (4) single pole mercury float switches, (1) switch for high water alarm service, Each switch encapsulated in a chemical resistant polypropelene casing, (4) corrosion resistant switch brackets for attaching the switches to the suspension rod, (1) 1" IPS galvanized steel pipe suspension rod, and wall mounted suspension rod mounting plate. Each switch shall be provided with a 20 foot long power cable. Systems utilizing a free hanging float suspended from the float power cords will not be acceptable.

(o)CONTROL PANEL: There shall be furnished A Weil Pump Co. no 8159 IEC, U/L labeled, duplex pump control panel for remote mounting in a 4X rated Fiberglass reinforced polyester enclosure suitable for outdoor use and shall be furnished with: (2) motor circuit protectors, ambient compensated bi-metallic (Class 10) with instantaneous magnetic trip for short circuit protection ,and single phase protection for three phase motors, and field adjustable motor operation amp range. A lockable disconnect shall be provided for each motor protector (lock by others), (2) magnetic contactors, (2) T-O-A selector switches with spring return to off from test, (2) green "pump run" pilot lights, (1) amber pilot light on door to indicate control power on, (2) red pilot lights on door to indicate pump motor off on overload condition. Lights shall remain on and pump off until re-set. (1) 115V, 100 VA control circuit transformer with fused primary & secondary (2) non-setting pump run time meters mounted on door, (1) high water alarm Test-Auto-Silence switch with spring return from test and silence position switch, mounted inside panel,(1) red high water alarm pilot light mounted on door, (1) high water alarm horn (95db) mounted on door, (1) isolated alarm contact, (1) HWA come light (flushing type) mounted on top of panel, (1) control terminal mounted and wired, (1) padlockable hasp.
(p) All electrical connections, (power and control) shall be made outside the wet well.

(q)Basin shall be prefabricated concrete and shall 60" I.D. X depth as indicated on the drawings, with a full concentric bearing. Basin wall thickness shall be not less than 5", and a base thickness of not less than 6". Where the riser sections of the basin are joined together there shall be provided an appropriate seal to prevent leakage. Basin shall be manufactured to AASHTO HS20 standards. Openings shall be provide at locations indicated and contractor shall caulk all piping connections to the basin.

(r)Basin cover shall be prefabricated of reinforced concrete, a minimum of 8" thick, and be compatible with the basin specified above. The cover manufacturer shall provide an opening to accommodate the access hatch as specified herein after.

(s)There shall be furnished an aluminum frame and access door for mounting in concrete basin cover as hereinbefore specified. The access door shall be hinged and be furnished with a locking mechanism and drop handles for lifting the access door. Assembly shall have a live load rating of 300 lbs/sq. ft.. Access door for valve box shall be similar. All access doors shall be provided with padlocks by the contractor.

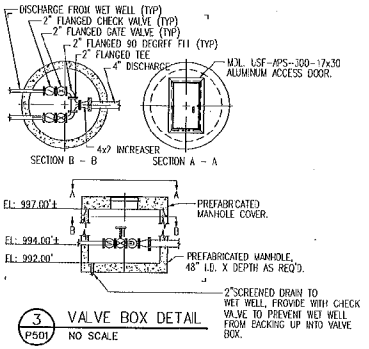
(t)The contractor shall furnish and install in the discharge line from each pump; a gate valve and swing type check valve that is specifically recommended for sewage pump service.

(u)The initial start-up of the sewage pumping system shall be performed by a qualified factory representative of the pump manufacturer. The factory representative shall supervise the start-up and instruct owner's personnel in the proper operation and maintenance of the sewage pumping system.

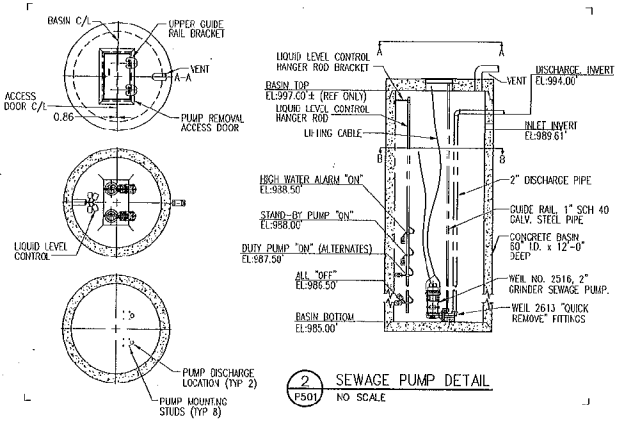
△ 10/18/07

PLUMBING FIXTURE SCHEDULE

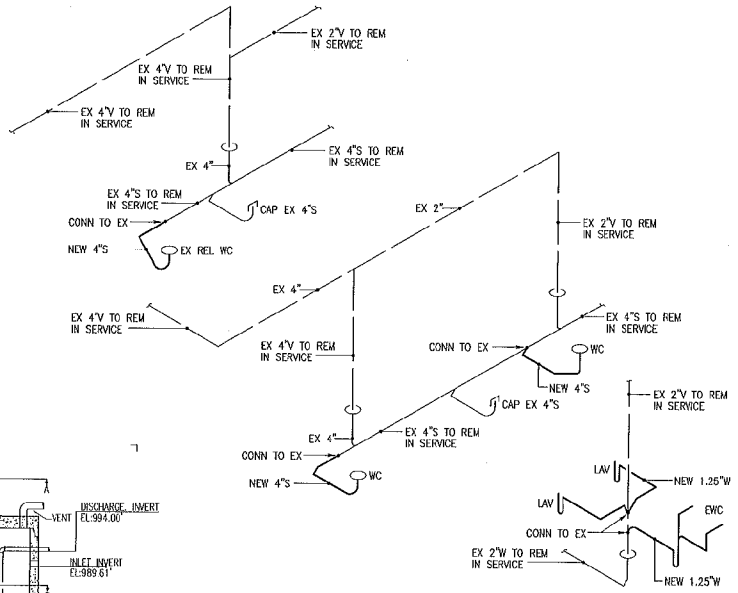
SYMBOL	FIXTURE	PIPING CONNECTION SIZE HW	CW	S OR W
F1	WATER CLOSET (FLUSH VALVE) FLOOR TYPE	–	1"	4"
F2	WATER CLOSET (FLUSH VALVE) FLOOR TYPE, HANDICAPPED	–	1"	4"
F3	LAVATORY (COUNTERTOP) HANDICAPPED	1/2"	1/2"	1-1/4"
F4	ELECTRIC WATER COOLER, BI-LEVEL TYPE	–	1/2"	1-1/4"



3 P501 VALVE BOX DETAIL
NO SCALE



2 P501 SEWAGE PUMP DETAIL
NO SCALE

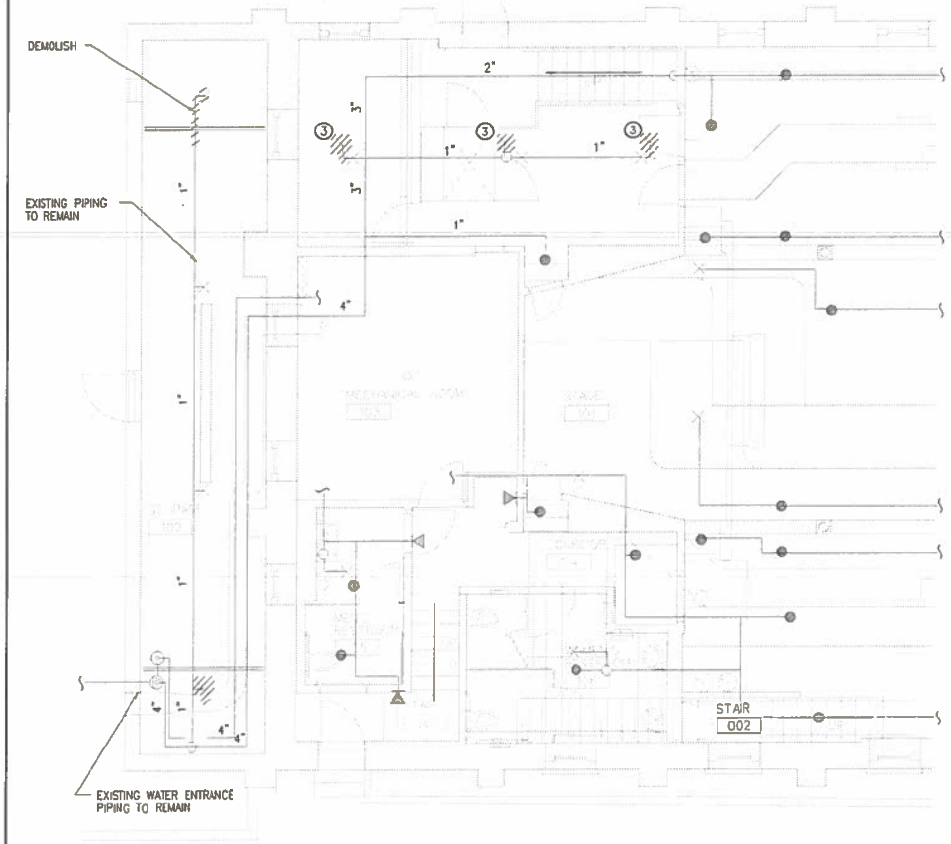


1 P501 RISER DIAGRAM-MEN'S/WOMEN'S REST ROOM
NO SCALE

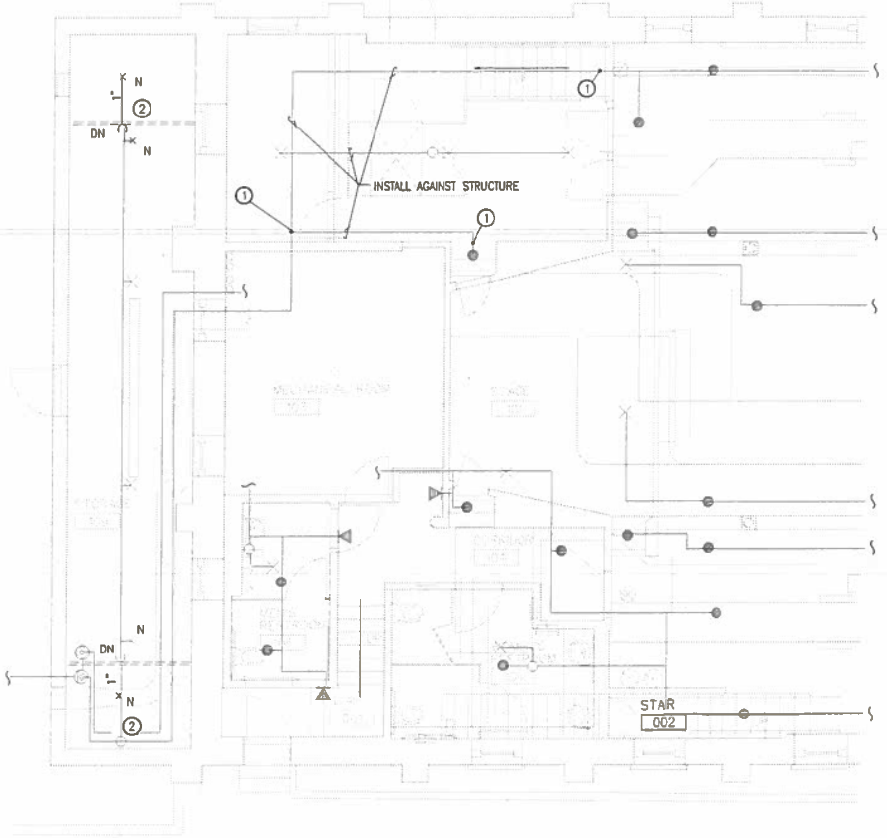
GEORGIA REGISTERED PROFESSIONAL ENGINEER CHRIS P. ROUSSEAU

A/E FIRM	DESIGNED: AJM	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT ATLANTA GA	DRAWN: AJM	P501	PLUMBING RISERS AND SCHEDULES	489 80,020
CONSULTANT: NEWCOMB & BOYD ATLANTA GA	TECH. REVIEW: CPR		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. 111 SHEET 98 OF 99
	DATE: 2005 FEB 9			

UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / SOUTHEAST REGION / ARCHITECTURE DIVISION - 100 ALABAMA STREET SW ATLANTA GA 30303-3104



1 FP101 PART FLOOR PLAN – 1ST LEVEL – DEMOLITION



1 M002 PART FLOOR PLAN – FIRST LEVEL – NEW WORK

GENERAL NOTES

- WORK IN THIS SECTION SHALL COMPLY WITH NFPA13–2002
- SPRINKLER CONTRACTOR SHALL HOLD A CURRENT CONTRACTOR'S LICENSE FROM STATE OF GEORGIA
- CONTRACTOR TO MODIFY SPRINKLER SYSTEM AS INDICATED ON THE DRAWING.
- NEW SPRINKLER HEAD AND NEW PIPE MATCH EXISTING.

SHEET SPECIFIC NOTES

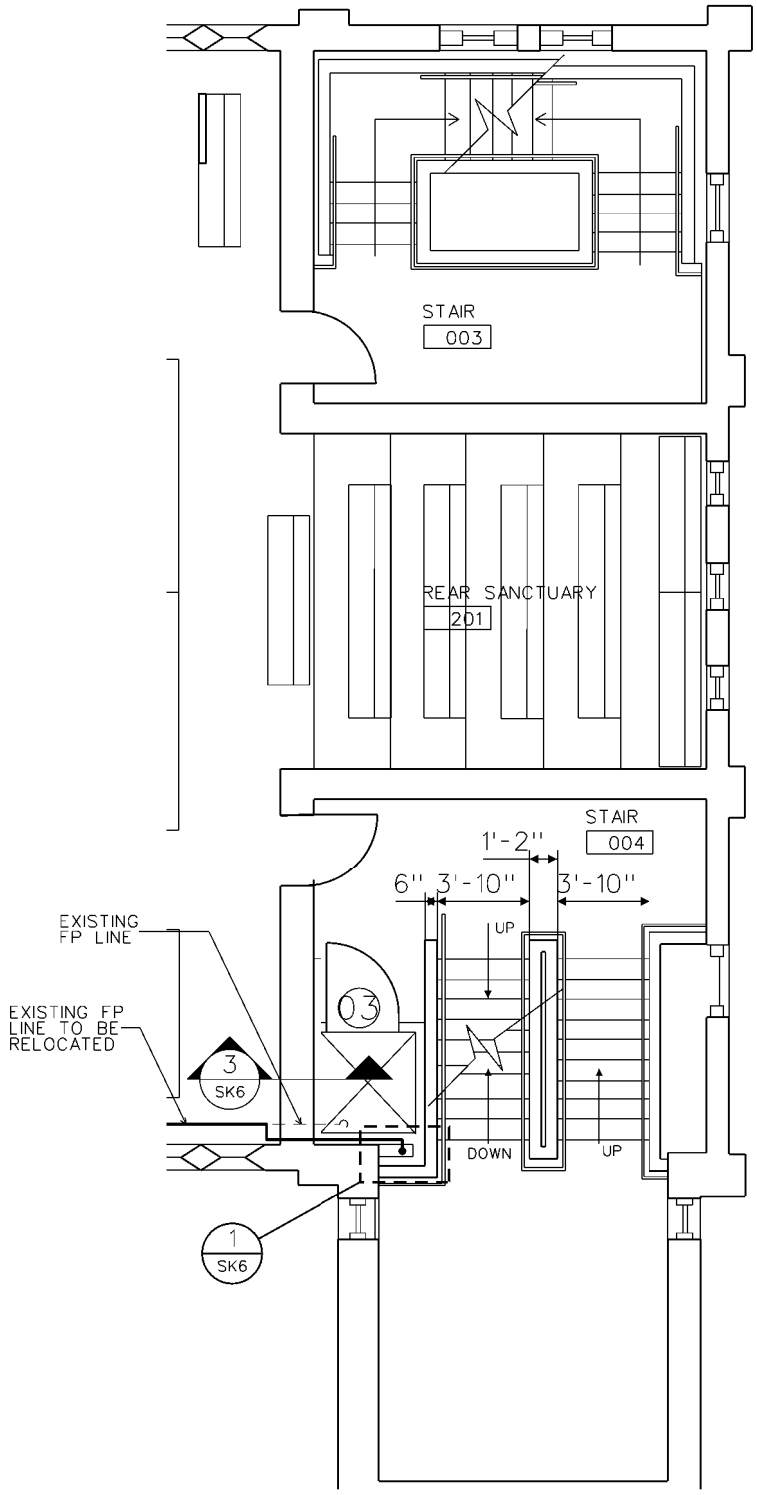
1. RISE SPRINKLER PIPE AGAINST STRUCTURE
2. DROP HORIZONTAL SPRINKLER PIPE AND INSTALL AT BOTTOM OF NEW PLATFORM
3. DEMOLISH EXISTING HEADS AS SHOWN.

SHEET SPECIFIC NOTES CONT'D

SHEET SPECIFIC NOTES CONT'D

SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT: NEWCOMB & BOYD ATLANTA GA	DESIGNED: MAR DRAWN: MAR TECH. REVIEW: MAR DATE: 16 FEB 04	SUB SHEET NO. FP101	TITLE OF SHEET: 1ST LEVEL – FIRE – PROTECTION PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,020 PROJ. NO. SHEET 84 OF 84



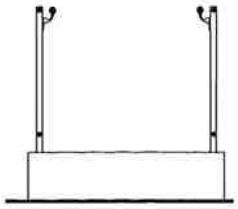
GENERAL NOTES:

1. RELOCATE LIGHT FIXTURES UNDER LANDINGS. CENTER ON STAIRS.
2. REMOVE MISCELLANEOUS ELECTRICAL.

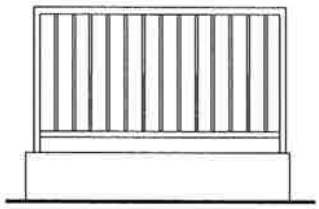
GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

0 4 8 FT

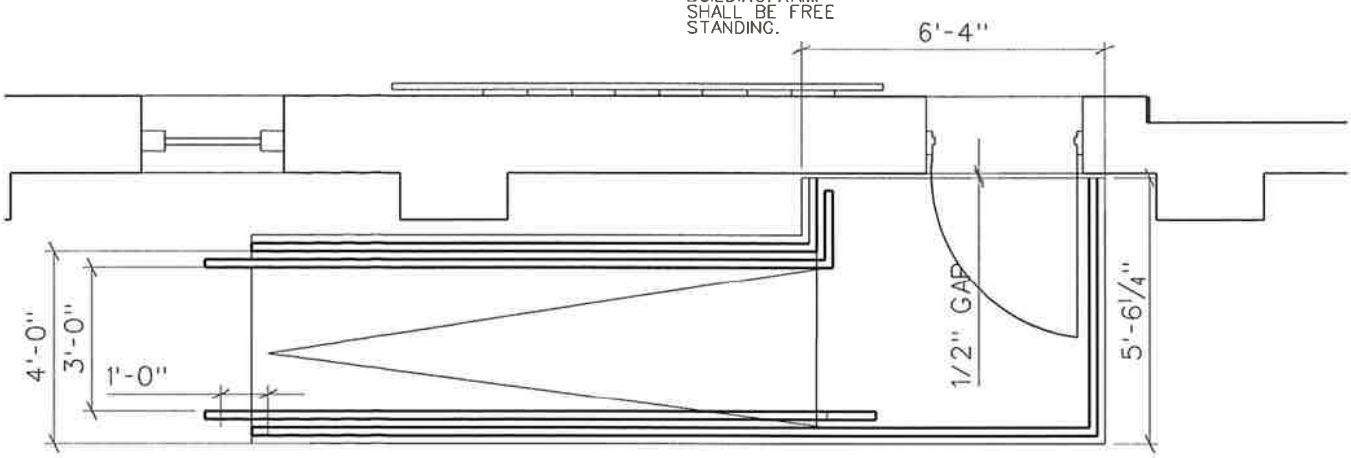
A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.	KR	SK4	SANCTUARY LEVEL STAIR AND ELEVATOR PLAN	489 80,032
CONSULTANT:	DRAWN: KG/JA		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. 111 SHEET OF
	TECH. REVIEW: ST/TR/MCM			
	DATE: 12.2009			



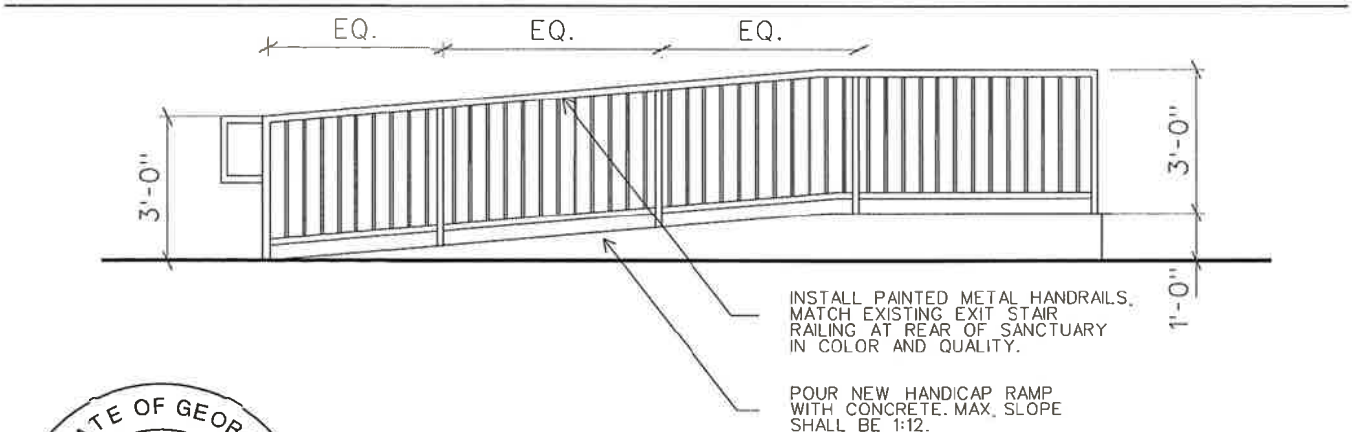
TYPICAL SECTION OF RAMP



END ELEVATION
DO NOT ATTACH ANY RAILS TO BUILDING. RAMP SHALL BE FREE STANDING.



SIDEWALK

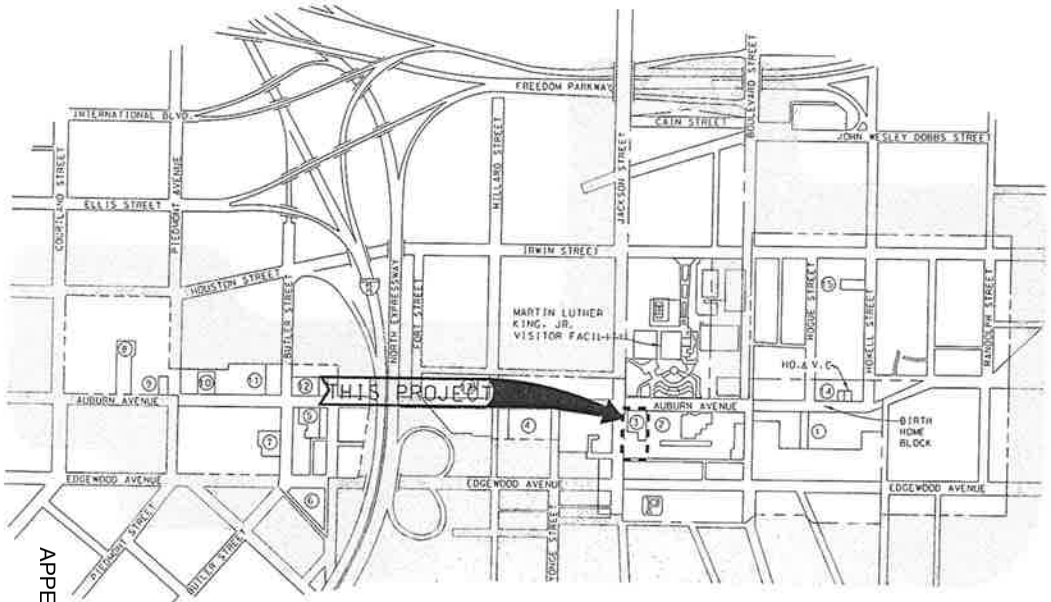


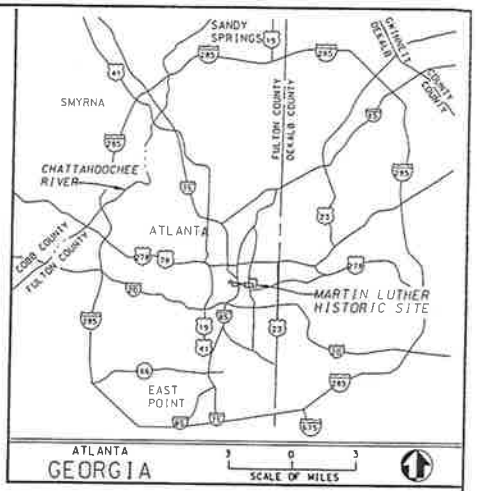
GENERAL NOTE
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THE CHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.



0 2 4 FT

A/E FIRM PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	DESIGNED: KR DRAWN: KG/JA TECH. REVIEW: ST/TR/MCM DATE: 12.2009	SUB SHEET NO. SK10	TITLE OF SHEET FELLOWSHIP HALL LEVEL STAIR AND ELEVATOR PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,032 PKG. NO. 111 SHEET OF





MARTIN LUTHER KING JR. NATIONAL HISTORIC SITE

BUILDING KEY

1. MARTIN LUTHER KING, JR. BIRTH HOME
2. FREEDOM HALL COMPLEX
3. EBENEZER BAPTIST CHURCH
4. WHEAT STREET BAPTIST CHURCH
5. KINGDON BUILDING
6. ATLANTA MUNICIPAL MARKET
7. BUTLER STREET YMCA
8. THE ATLANTA LIFE INSURANCE COMPANY BUILDING
9. THE RUCKER BUILDING
10. ROYAL PEACOCK NIGHTCLUB
11. BIG BETHEL AME CHURCH
12. ODD FELLOWS BUILDING AND AUDITORIUM
13. PRINCE HALL MASONIC BUILDING
14. PARK HEADQUARTERS AND VISITOR CONTACT
15. ALEXANDER HAMILTON, JR. HOME

LEGEND

- PARK BOUNDARY
- PRESERVATION DISTRICT BOUNDARY
- COUNTY LINE
- V.C. VISITOR CENTER
- H.Q. PARK HEADQUARTERS
- P PARKING

DRAWING INDEX

SHEET	SUB SHEET	TITLE OF SHEET
1	-	COVER
2	G1	GENERAL NOTES AND SYMBOLS
3	A1	SITE PLAN
4	A2	EXISTING, DEMOLITION AND PROPOSED DRAINAGE PLANS
5	A3	EXISTING, DEMOLITION AND PROPOSED SECTIONS
6	A4	PROPOSED SUBDRAINAGE SYSTEM DETAILS
7	A5	PROPOSED SUBDRAINAGE SYSTEM DETAILS
8	A6	PROPOSED SUBDRAINAGE SYSTEM DETAILS
9	A7	PROPOSED SUBDRAINAGE SYSTEM DETAILS
10	A8	EXISTING CONDITION PHOTOGRAPHS
11	S1	PLANTER DRAINAGE STRUCTURAL PLAN, SECTIONS AND DETAILS
12	S2	PLANTER DRAINAGE SECTIONS AND DETAILS
13	E1	ELECTRICAL SPECIFICATIONS, PARTIAL PLAN AND LEGEND
14	C1	EXISTING CONDITION & DEMOLITION PLAN
15	C2	PROPOSED SUBDRAINAGE SYSTEM PLAN
16	C3	CONSTRUCTION DETAILS

APPENDIX C ES 77

REPAIR OF PLANTER DRAINAGE
EBENEZER BAPTIST CHURCH
407 AUBURN AVENUE
MARTIN LUTHER KING JR. NATIONAL HISTORIC SITE

SCALE OF FEET
300 0 300 600 900
75 0 75 150 225
SCALE OF METERS

A/E FIRM
LORD, AECK & SARGENT, INC. ATLANTA, GA

CIVIL: EBERLY ATLANTA, GA

MECHANICAL:

LANDSCAPE:

STRUCTURAL: PALMER ENGINEERING TUCKER, GA

ELECTRICAL: NEWCOMB & BOYD CONSULTING ENGINEERS

MARK	SHEET	REVISION	DATE	INITIAL

RECOMMENDED
Project Manager / Architect — Date
Chief of Architecture Division — Date
APPROVED Superintendent — Date

100% CONSTRUCTION DOCUMENTS
2004 JUNE 18

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHEAST REGION
ARCHITECTURE DIVISION

TITLE OF DRAWING
EBENEZER BAPTIST CHURCH
LOCATION WITHIN PARK
407 AUBURN AVE. NE
NAME OF PARK
MARTIN LUTHER KING JR. NHS

REGION: SOUTHEAST
COUNTY: FULTON
STATE: GEORGIA

DRAWING NO. 489 / 80,033
PKG. NO. 111
SHEET 1 OF 16

PMS NUMBER 070424

ARCHITECTURAL ABBREVIATIONS

MAX	MAXIMUM
MIN	MINIMUM
O.C.	ON CENTER
SIM	SIMILAR
SPEC	SPECIFICATION
TYP	TYPICAL

CIVIL ABBREVIATIONS

LF	LINEAR FEET
PVC	POLYVINYL CHLORIDE
MIN	MINIMUM
INV	INVERT ELEVATION
RCP	REINFORCED CONCRETE PIPE

ELECTRICAL ABBREVIATIONS

AWG	AMERICAN WIRE GAUGE

STRUCTURAL ABBREVIATIONS

Ø	DIAMETER
ACI	AMERICAN CONCRETE INSTITUTE
APA	AMERICAN PLYWOOD INSTITUTE
ARCH'L	ARCHITECTURAL
ARCH	ARCHITECTURAL
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
CONT.	CONTINUOUS
KSI	KIPS PER SQUARE INCH
LLV	LAMINATED VENEER LUMBER
MAX.	MAXIMUM
MIN.	MINIMUM
o/c	ON CENTER
PCF	POUNDS PER CUBIC FOOT
PT	PRESSURE TREATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
SYP	SOUTHERN YELLOW PINE
TYP.	TYPICAL
w/	WITH
WWF	WELDED WIRE FABRIC

APPLICABLE CODES

INTERNATIONAL BUILDING CODE (IBC), 2000 EDITION WITH 2002 GEORGIA AMENDMENTS,

2000 EDITION - LIFE SAFETY CODE

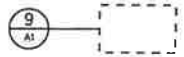
OCCUPANCY GROUP-EXISTING ASSEMBLY OCCUPANCY



SECTION DETAIL



ELEVATION DETAIL / PHOTOGRAPH LOCATION



DETAIL REFERENCE



NORTH ARROW

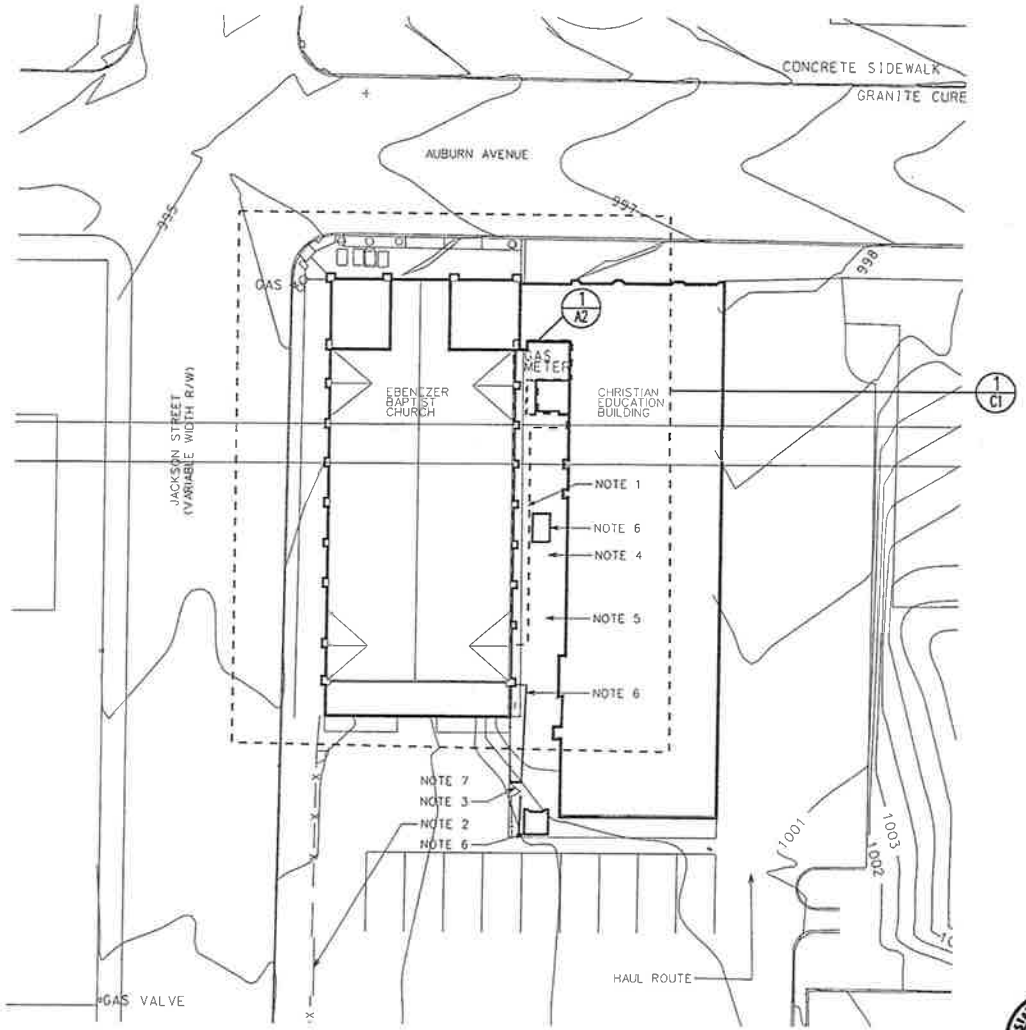




GRAPHIC SCALES

STATE OF GEORGIA
REGISTERED ARCHITECT

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.	KR	G1	GENERAL NOTES AND SYMBOLS	489 80,033
CONSULTANTS:	DRAWN KG		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. 111
	CHECK REVIEW TR/ST			SHEET 2 OF 16
	DATE 2004 JUNE 18			

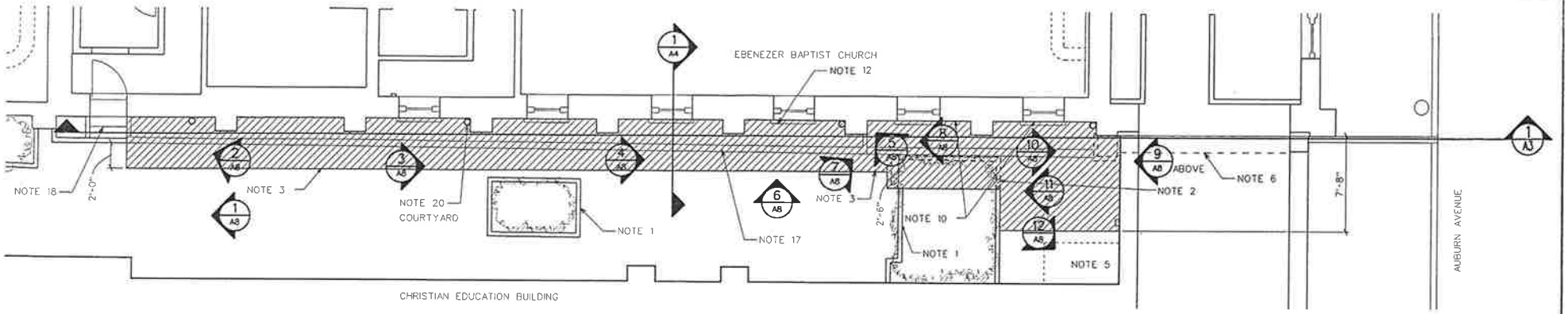


MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES
		1. LIMIT OF CONTRACT WORK 2. USE VEHICULAR GATE ACCESS. 3. USE PEDESTRIAN ENTRY. DO NOT REMOVE EXISTING CHAIN LINK FENCE FOR ACCESS TO SITE. 4. COURTYARD AND PROJECT SITE 5. PROTECT AND MAINTAIN ALL AREAS, FEATURES, ITEMS AND MATERIALS OUTSIDE OF THE PROJECT LIMITS (REMAINING COURTYARD, HISTORIC WALLS, REMAINING PLANTER BOXES AND PLANTS, EXISTING GAS METER, ETC.) 6. PROTECT AND DO NOT DISTURB EXISTING PLANTERS. 7. SEE C1 FOR STAGING AREA.

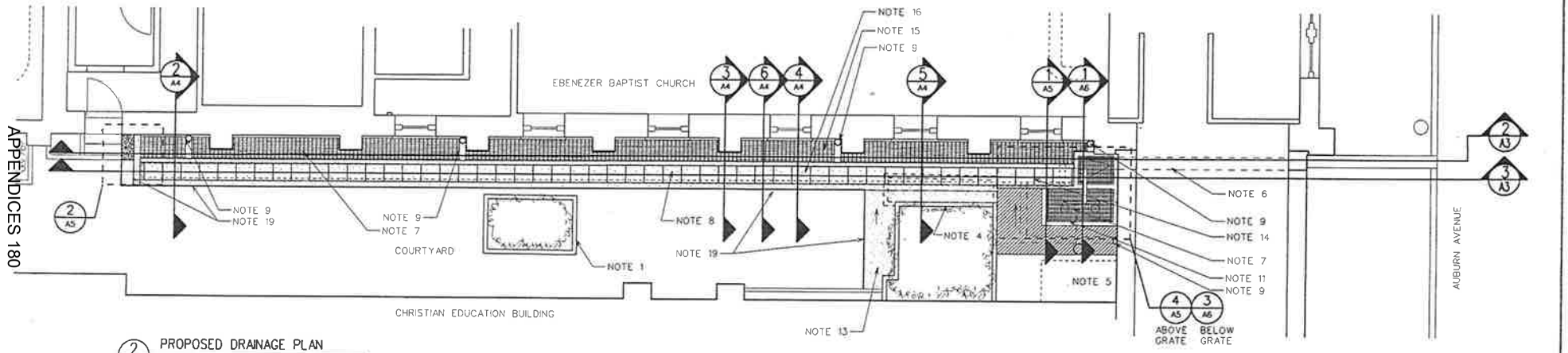
STATE OF GEORGIA — REGISTERED ARCHITECT

16 0 16 32
SCALE OF FEET

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.	KR	A1	SITE PLAN	489 80,033
CONSULTANTS:	DRAWN KG			PROJ. NO. 111 — —
	TECH. REVIEW TR/ST		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	SHEET 3 OF 16
	DATE 2004 JUNE 18			



1 A2 EXISTING & DEMOLITION DRAINAGE PLAN



2 A2 PROPOSED DRAINAGE PLAN

APPENDICES 180

GENERAL NOTES

A. CONTRACTOR TO PRESERVE AS MANY PLANTS AS POSSIBLE. PLANTS REMOVED OR DAMAGED DURING EXCAVATION TO BE IDENTIFIED AND APPROVED BY CONTRACTING OFFICER. ALL DAMAGED PLANTS SHALL BE REPLACED BY CONTRACTOR.
B. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS.

SHEET SPECIFIC NOTES

1. PROTECT EXISTING BRICK PLANTER.
2. REMOVE BRICK PLANTER WALL AND SOIL AS SHOWN. REMOVE VEGETATION IN AREA WHERE PLANTER IS TO BE REMOVED. PRESERVE AS MUCH OF EXISTING VEGETATION AS POSSIBLE. SAVE BRICK FOR INSTALLATION OF NEW PLANTER WALL.
3. SAW CUT EXISTING CONCRETE COURTYARD/CURB. SHADED AREA INDICATES EXTENT OF EXCAVATION. PROTECT ADJACENT MATERIALS.
4. REBUILD PORTION OF BRICK PLANTER TO MATCH EXISTING BRICK PLANTER WALL.
5. PROTECT AND MAINTAIN EXISTING GAS METER. DO NOT REMOVE.
6. PROTECT EXISTING 12" DRAINAGE PIPE.
7. INSTALL REMOVABLE GALVANIZED STEEL BAR GRATE 1"X1/8 WITH BARS 1-3/16"X4" O.C..
8. INSTALL NEW CONCRETE CURB AND DRAINAGE FLUME. CAP WITH 17-5/8"X17-5/8"X2" PRECAST CONCRETE PAVERS. SEE SPEC. SECTION 02780.
9. TIE IN EXISTING DOWNSPOUTS PER DETAIL C3 TO DRAINAGE FLUME WITH CAST IRON PIPING TYP.
10. PROTECT EXISTING STUCCO WALL DURING DEMOLITION AND CONSTRUCTION.
11. REPLACE AND COMPACT DISTURBED EARTH.
12. REMOVE MASONRY ENCLOSURES AT WINDOWS. DO NOT REMOVE SILL. PROTECT EXISTING WINDOWS AT ALL TIMES. TYP. ALL WINDOWS.
13. ADD CONCRETE AS NECESSARY TO SLOPE COURTYARD TO UPPER DRAINAGE SYSTEM. COURTYARD SHALL HAVE CONTINUOS SLOPE TO DRAIN. MATCH EXISTING GRADE IN COURTYARD.
14. CONNECT LOWER DRAINAGE FLUME TO SUMP PUMP BASIN.
15. INSTALL LOWER DRAINAGE FLUME PER DETAILS 2-7/A4
16. INSTALL UPPER DRAINAGE FLUME PER DETAILS 2-7/A4.
17. REMOVE EXISTING CURB.
18. PROTECT EXISTING STAIRS.
19. INSTALL EXPANSION JOINT.
20. PROTECT EXISTING DOWNSPOUT TYP.

LEGEND

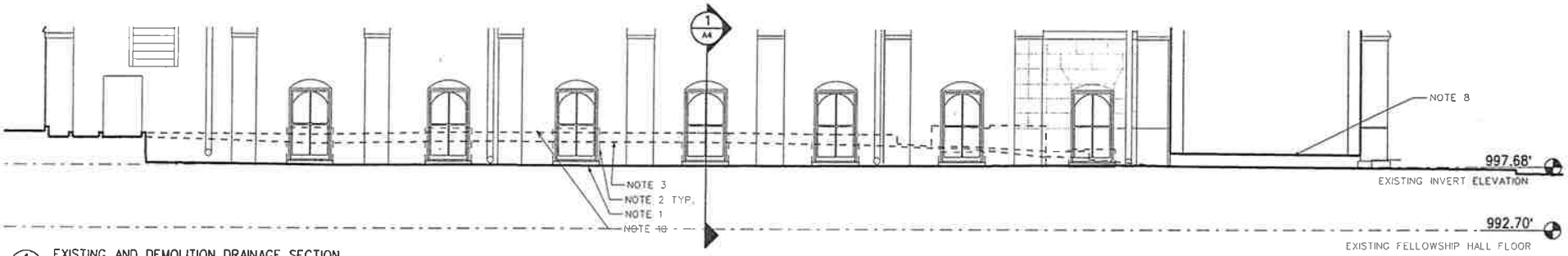
- EXTENT OF DEMOLITION
- AREA OF DISTURBED EARTH TO BE RECOMPACTED
- GALVANIZED BAR GRATING
- NEW CONCRETE

STATE OF GEORGIA — REGISTERED ARCHITECT

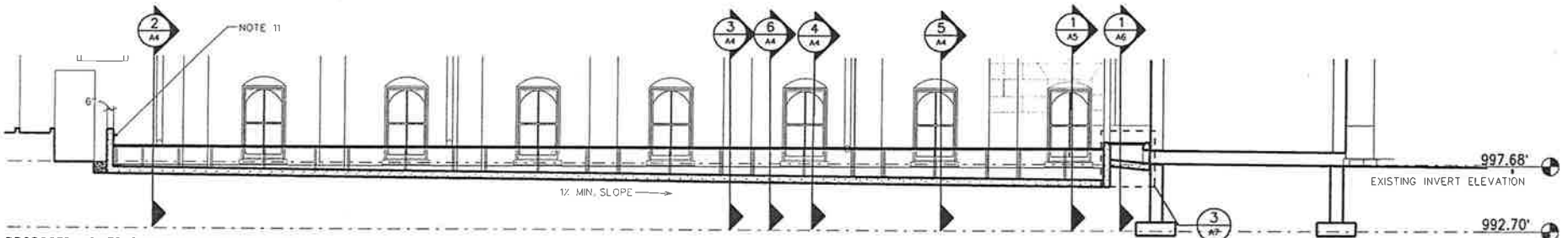
4 0 4 8
SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.	DESIGNED: KR	SUB SHEET NO.	TITLE OF SHEET
CONSULTANT:	DRAWN: KG	A2	EXISTING, DEMOLITION AND PROPOSED DRAINAGE PLANS
	TECH REVIEW: TR/ST		EBENEZER BAPTIST CHURCH
	DATE: 2004 JUNE 18		MLK JR. NATIONAL HISTORIC SITE

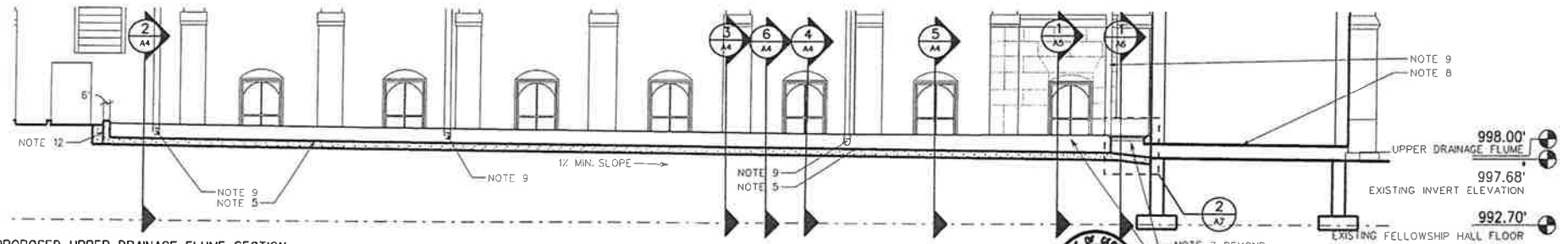
DRAWING NO. 4.89 80,033 | PKG. NO. 111 | SHEET 4 OF 16



1 A3 EXISTING AND DEMOLITION DRAINAGE SECTION



2 A3 PROPOSED LOWER DRAINAGE FLUME SECTION



3 A3 PROPOSED UPPER DRAINAGE FLUME SECTION

4 0 4 8
SCALE OF FEET

APPENDICES 181

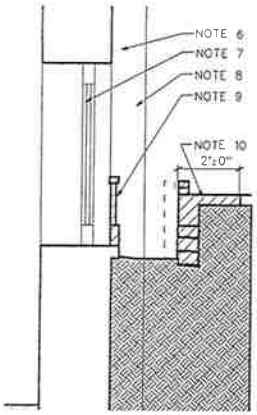
MATERIAL KEYNOTES

GENERAL NOTES
A. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.

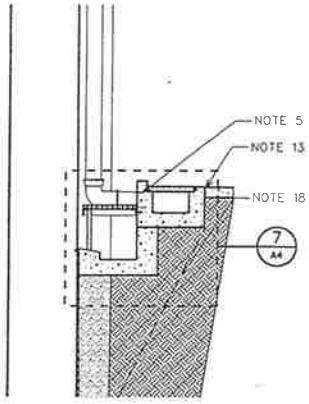
SHEET SPECIFIC NOTES
1. REMOVE EXISTING FLOOR OF DRAINAGE CHANNEL.
2. REMOVE BRICK/MASONRY ENCLOSURES ABOVE WINDOW SILLS.
3. EXISTING COURTYARD APPROXIMATE PROFILE.
4. LOCATE DRAINAGE FLUME AS SHOWN, MIN. 4" BELOW BOTTOM OF SILL. NEW DRAINAGE STRUCTURE TO HAVE MIN 1% SLOPE.
5. LOCATE NEW CURB AND DRAINAGE FLUME AS SHOWN. DRAINAGE FLUME TO HAVE MINIMUM OF 1% SLOPE. DRAINAGE FLUME SHALL DISCHARGE A MINIMUM OF 4" ABOVE INVERT ELEVATION OF EXISTING 12" DRAINAGE PIPE AT BUILDING.
6. INSTALL BASIN FOR 2 SUMP PUMPS. COVER WITH GALVANIZED STEEL GRATE PER 4/A5.
7. INSTALL BASIN FOR DRAINAGE FLUME. COVER WITH GALVANIZED STEEL GRATE PER 4/A5.
8. EXISTING 12" DRAINAGE PIPE TO REMAIN.
9. CONNECT EXISTING DOWNSPOUTS INTO UPPER DRAINAGE PIPES WITH CAST IRON PIPING.
10. EXISTING CURB, APPROXIMATE PROFILE.
11. MATCH EXISTING HEIGHT OF CURB.
12. INSTALL EXPANSION JOINT.

A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.	DESIGNED: KR DRAWN: KG TECH. REVIEW: TR/ST DATE: 2004 JUNE 18	SUB SHEET NO.: A3	TITLE OF SHEET: EXISTING, DEMOLITION AND PROPOSED SECTIONS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE

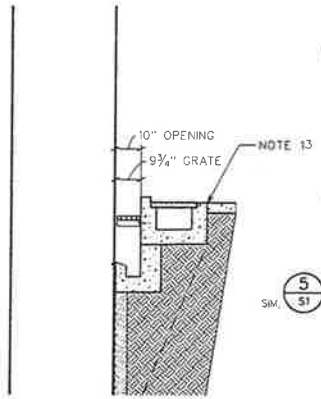
DRAWING NO. 489 / 80,033
PKG. NO. 111
SHEET 5 OF 16



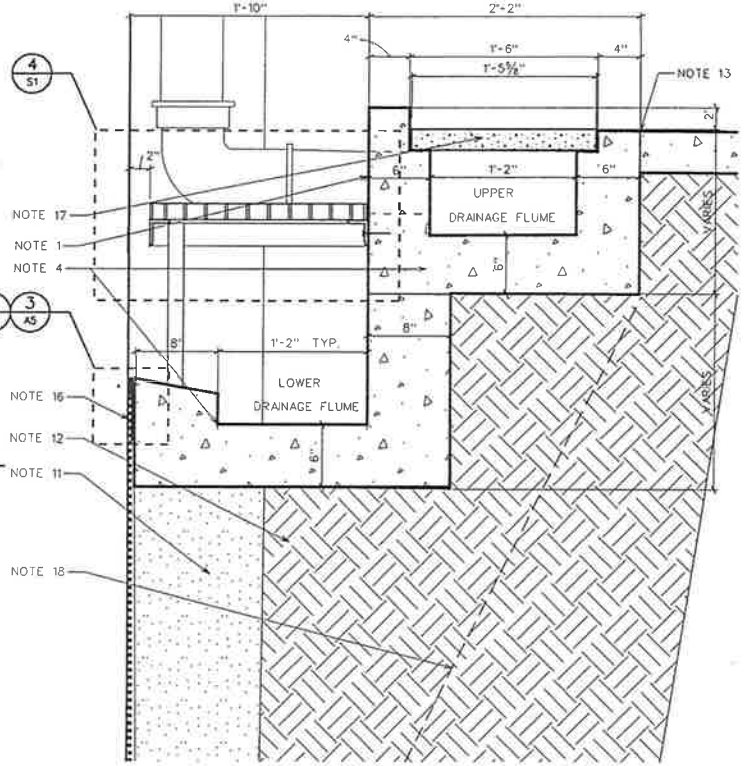
1 / A4 EXISTING CONDITION AT WINDOW (TYP.)
SCALE (B)



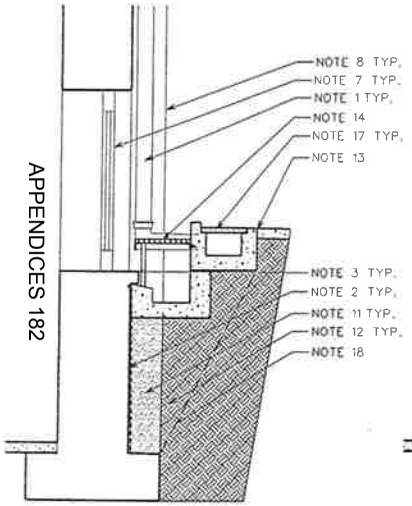
2 / A4 DRAINAGE DETAIL AT HIGH END
SCALE (B)



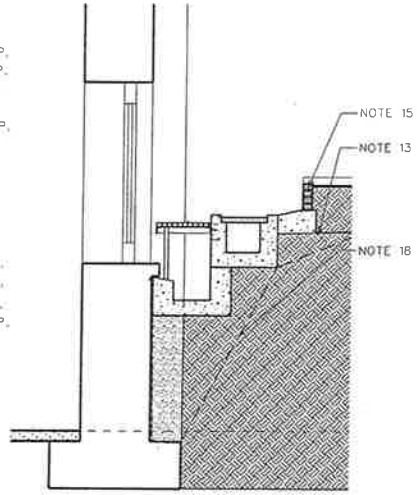
3 / A4 DRAINAGE DETAIL AT BUTRESS
SCALE (B)



6 / A4 DRAINAGE DETAIL
SCALE (A)



4 / A4 DRAINAGE DETAIL AT WINDOW (TYP.)
SCALE (B)



5 / A4 DRAINAGE DETAIL AT PLANTER
SCALE (B)

APPENDICES 182

SCALE (A) 6 0 6 12
SCALE OF INCHES

SCALE (B) 2 0 2 4
SCALE OF FEET

GENERAL NOTES

A. SEE STRUCTURAL S1 FOR ALL STRUCTURAL INFORMATION.

B. ALL NOTES MARKED TYP. ARE TYPICAL FOR ALL SECTIONS SHOWN ON THIS SHEET ONLY.

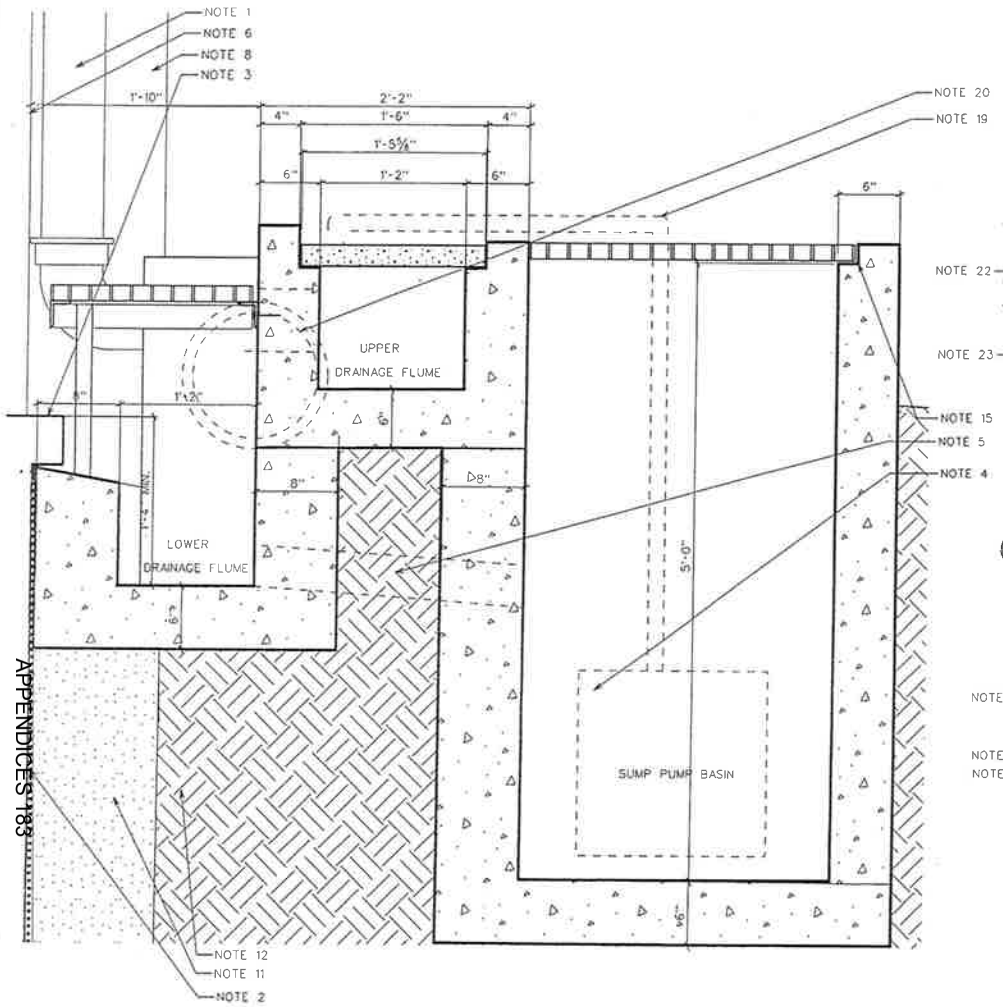
SHEET SPECIFIC NOTES

1. TIE EXISTING DOWNSPOUT INTO DRAINAGE FLUME.
2. INSTALL CONTINUOUS WATERPROOFING TO BELOW EXISTING FELLOWSHIP HALL FLOOR. SEE SPEC. SECTION 07105.
3. PROTECT EXISTING WINDOW SILL.
4. INSTALL CAST-IN-PLACE CONCRETE FLUME.
5. INSTALL THRU WALL PIPE
6. PROTECT EXISTING MASONRY WALL.
7. PROTECT EXISTING WINDOW.

SHEET SPECIFIC NOTES

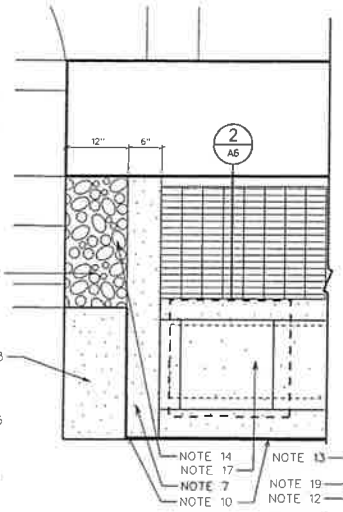
8. PROTECT EXISTING MASONRY BUTTRESS BEYOND.
9. REMOVE EXISTING MASONRY ENCLOSURE FROM WINDOW FRAME. TYPICAL OF ALL WINDOWS.
10. REMOVE EXISTING MASONRY, CONCRETE CURB APPROXIMATELY 2' FROM EXISTING CURB.
11. PLACE FLOWABLE FILL. SEE S1.
12. COMPACT SOIL FILL. SEE S1.
13. EDGE OF NEW CONCRETE AT UPPER DRAINAGE FLUME. INSTALL EXPANSION JOINT.
14. INSTALL GALVANIZED STEEL BAR GRATE - SEE STRUCTURAL
15. REBUILD BRICK PLANTER WALL. MATCH EXISTING.
16. INSTALL CONTINUOUS STAINLESS STEEL FLANGE. FASTEN TO BRICK WALL WITH STAINLESS STEEL FASTNERS.
17. INSTALL 17⅝"X17⅝"X2" PAVERS. HANNOVER PRECAST PAVER IN NATURAL COLOR OR EQUIVALENT.
18. EXTENT OF EXCAVATION, TYP.

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
LORD, AECK & SARGENT, INC. ATLANTA, GA.	KR	A4	PROPOSED SUBDRAINAGE SYSTEM DETAILS	489 80,033
CONSULTANT	DRAWN KG		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PROJ. NO. 111 SHEET 6
	TECH. REVIEW TR/ST			OF 16
	DATE 2004 JUNE 18			



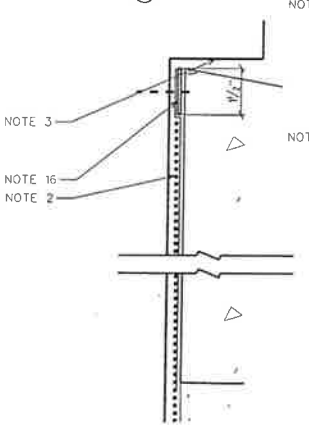
1 A5 SECTION THROUGH UPPER DRAINAGE FLUME AND SUMP PUMP BASIN

SCALE (A)



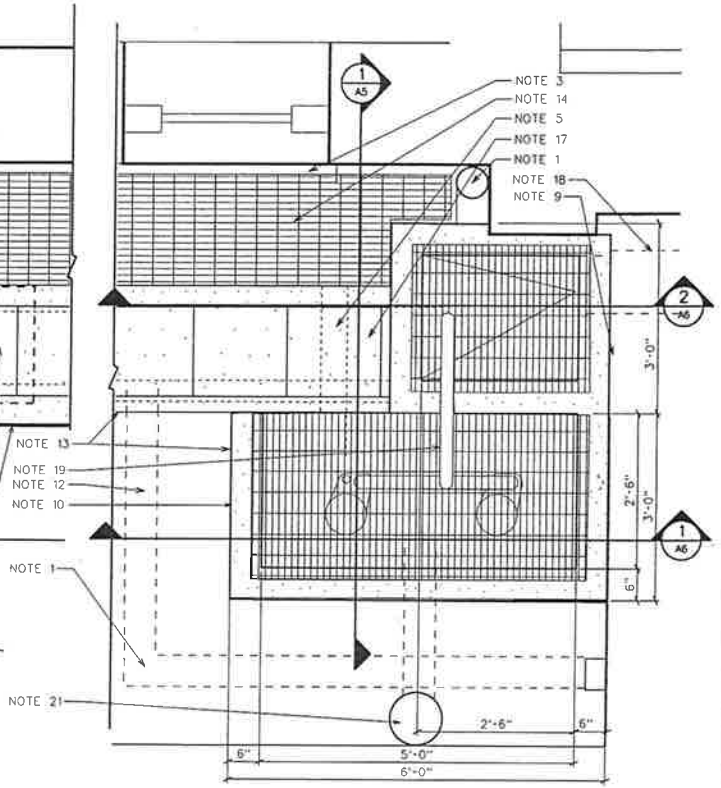
2 A5 PLAN AT HIGH END

SCALE (C)



3 A5 WATERPROOFING DETAIL

SCALE (B)



4 A5 PLAN AT LOW END - SUMP PUMP BASIN & UPPER FLUME TERMINATION

SCALE (C)

SCALE (A) 6 0 6 12
SCALE OF INCHES

SCALE (B) 2 0 2 4
SCALE OF INCHES

SCALE (C) 2 0 1 2
SCALE OF FEET

APPENDICES 183

GENERAL NOTES

A. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS.

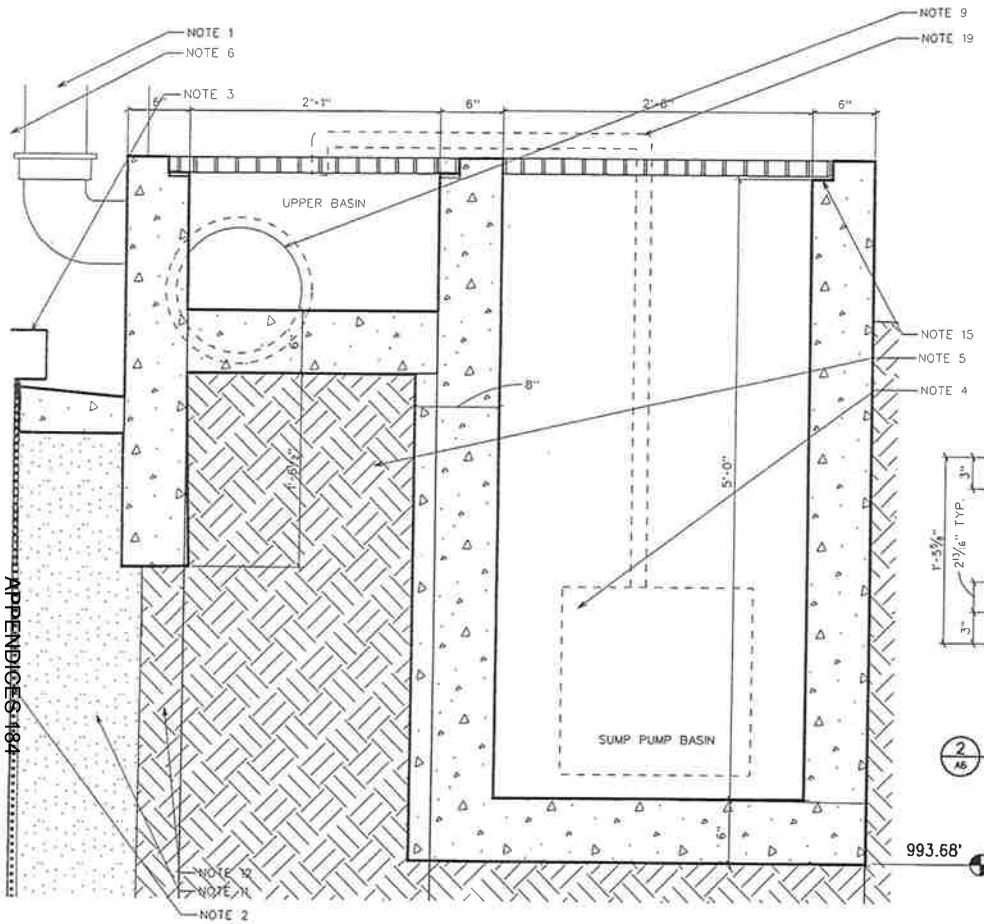
SHEET SPECIFIC NOTES

1. TIE IN EXISTING DOWNSPOUT INTO UPPER DRAINAGE FLUME W/ CAST IRON PIPING.
2. INSTALL CONTINUOUS WATERPROOFING. SEE SPEC. SECTION 07105.
3. PROTECT EXISTING WINDOW SILL.
4. INSTALL SUMP PUMP PER CIVIL 2/C2.
5. INSTALL CAST IRON PIPE THRU WALL.
6. PROTECT EXISTING MASONRY WALL.
7. REBUILD CONCRETE CURB.
8. PROTECT EXISTING MASONRY BUTTRESS BEYOND.
9. PROTECT EXISTING BUILDING AND DRAINAGE PIPE DURING CONSTRUCTION.
10. INSTALL EXPANSION JOINT.
11. PLACE FLOWABLE FILL. SEE S1.
12. PLACE COMPACT SOIL FILL. SEE S1.
13. EDGE OF NEW CONCRETE.
14. INSTALL GALVANIZED STEEL BAR GRATE - SEE 4/S1.
15. EMBED ANGLE. SEE STRUCTURAL.
16. ATTACH CONTINUOUS 12" UV SHIELD TO MASONRY WALL WITH ½" WIDE STAINLESS STEEL TERMINATION BAR. USE STAINLESS STEEL FASTENERS.
17. INSTALL 17⅝"X17⅝"X2" PAVERS. HANNOVER PRECAST PAVER IN NATURAL OR EQUIVALENT.
18. MAINTAIN AND PROTECT EXISTING 12" DRAINAGE PIPE.
19. INSTALL PIPE FROM SUMP PUMPS TO UPPER DRAINAGE BASIN.
20. PROTECT EXISTING PIPE AT NORTH END OF FLUME.
21. INSTALL SURFACE DRAINAGE. SEE 2/C2.
22. PLACE GRAVEL IN REMAINING TRENCH.
23. INFILL WITH CONCRETE. MATCH EXISTING GRADE.

STATE OF GEORGIA — ANTONIA JECK — REGISTERED ARCHITECT

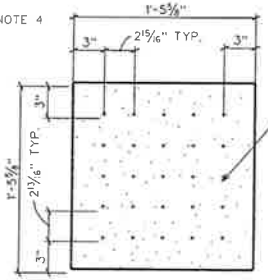
A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	DESIGNED: KR DRAWN: KG TECH REVIEW: TR/ST DATE: 2004 JUNE 18	SUB SHEET NO. A5	TITLE OF SHEET: PROPOSED SUBDRAINAGE SYSTEM DETAILS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 80,033
PKG. NO. 111
SHEET 7 OF 16



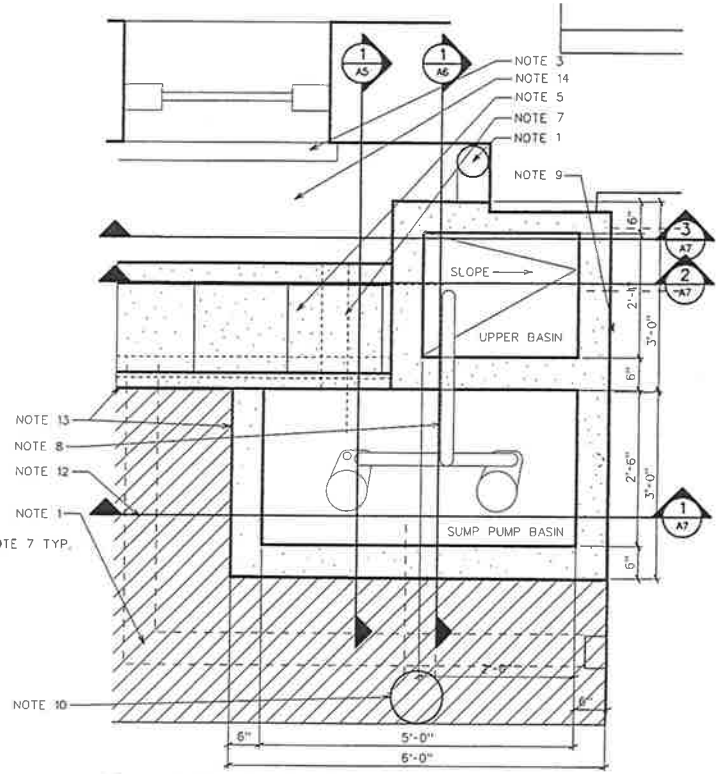
1/A6 SECTION THROUGH UPPER DRAINAGE FLUME AND SUMP PUMP BASIN

SCALE (A)



2/A6 PAVER DETAIL

SCALE (A)



3/A6 PLAN AT LOW END - SUMP PUMP BASIN & UPPER FLUME TERMINATION

SCALE (C)

SCALE (A) 6 0 6 12 SCALE OF INCHES

SCALE (B) 2 0 2 4 SCALE OF INCHES

SCALE (C) 2 0 1 2 SCALE OF FEET

APPENDICES 184

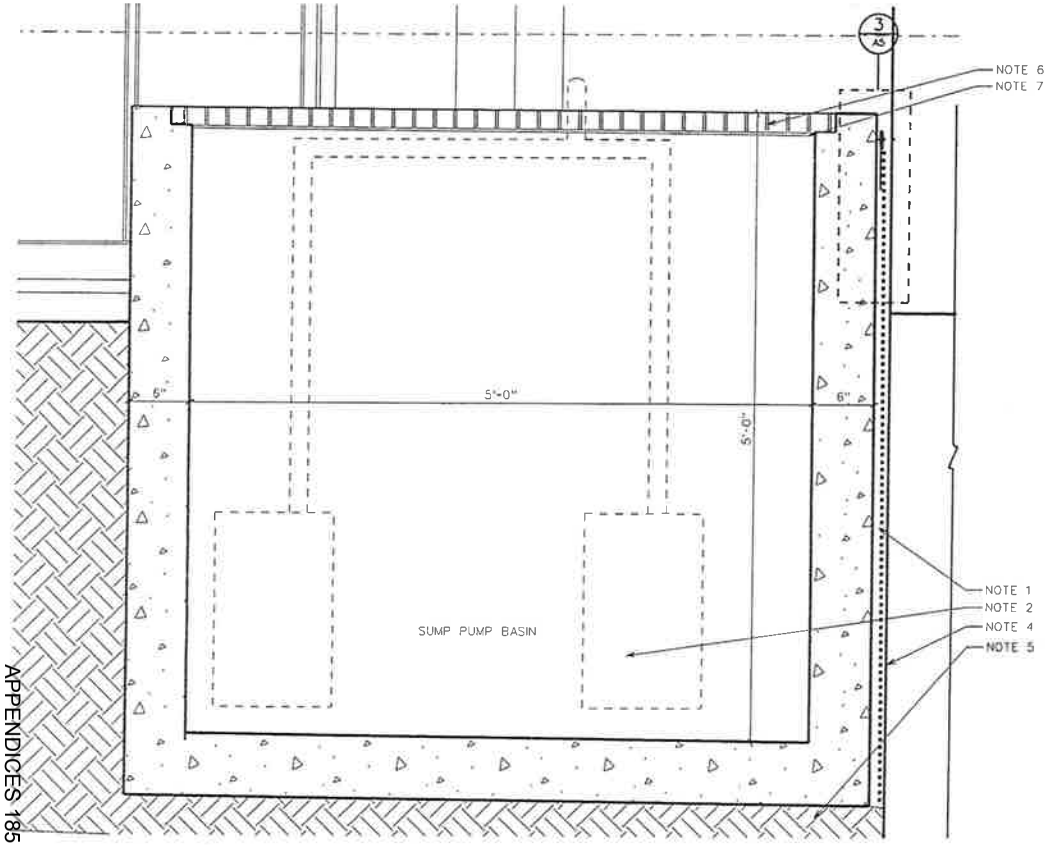
MATERIAL NOTES

SHEET SPECIFIC NOTES

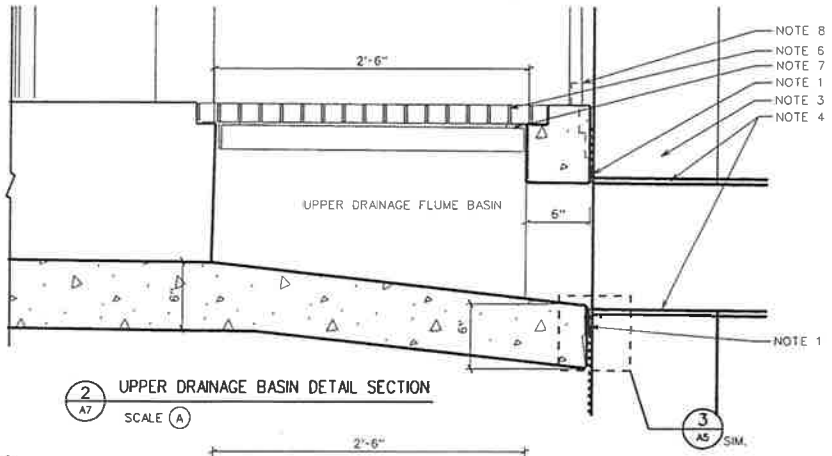
1. TIE IN EXISTING DOWNSPOUT INTO UPPER DRAINAGE FLUME W/ CAST IRON PIPING.
2. INSTALL CONTINUOUS WATERPROOFING. SEE SPEC. SECTION 07105.
3. PROTECT EXISTING WINDOW SILL.
4. INSTALL SUMP PUMP PER CIVIL.
5. INSTALL CAST IRON THRU WALL PIPE.
6. PROTECT EXISTING MASONRY WALL.
7. INSTALL PAVERS WITH ¼" HOLES AT 3" O.C., HANNOVER 17⅝"X17⅝" PRECAST PAVER IN NATURAL COLOR OR EQUIVALENT.
8. INSTALL PIPE FROM SUMP PUMPS TO UPPER DRAINAGE BASIN.
9. PROTECT EXISTING BUILDING AND DRAINAGE PIPE DURING CONSTRUCTION.
10. INSTALL SURFACE DRAINAGE. SEE 2/C2.
11. PLACE FLOWABLE FILL. SEE S1.
12. PLACE COMPACT SOIL FILL. SEE S1.
13. EDGE OF NEW CONCRETE.
14. INSTALL GALVANIZED STEEL BAR GRATE - SEE S1.
15. EMBED ANGLE. SEE STRUCTURAL.
16. ATTACH CONTINUOUS 12" UV SHIELD TO MASONRY WALL WITH ½" WIDE STAINLESS STEEL TERMINATION BAR. USE STAINLESS STEEL FASTENERS.

STATE OF GEORGIA — ANTOINE AECK — REGISTERED ARCHITECT

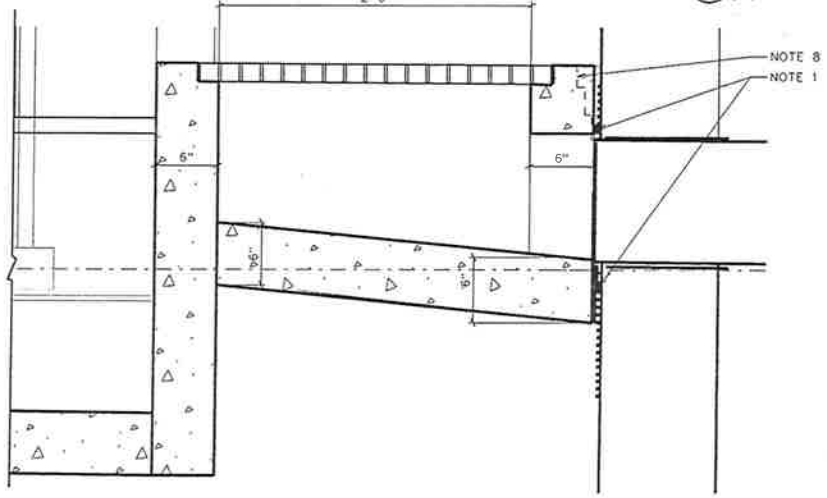
A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.	DESIGNED: KR	SUB SHEET NO. A6	TITLE OF SHEET: PROPOSED SUBDRAINAGE SYSTEM DETAILS
CONSULTANTS:	DRAWN: KG		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE
	TECH REVIEW: TR/ST		DRAWING NO. 489 80,033
	DATE: 2004 ~~BORE~~ 28		PKG. NO. 111 SHEET 8 OF ~~88~~



1 A7 SUMP PUMP BASIN DETAIL SECTION
SCALE (A)



2 A7 UPPER DRAINAGE BASIN DETAIL SECTION
SCALE (A)



3 A7 UPPER DRAINAGE BASIN DETAIL SECTION
SCALE (A)

SCALE (A) 6 0 6 12
SCALE OF INCHES

APPENDICES 185

MATERIAL KEYNOTES

SHEET SPECIFIC NOTES
1. INSTALL CONTINUOUS WATERPROOFING AND WATERSTOP BETWEEN CONCRETE BASIN AND EXISTING WALL, AROUND DRAINAGE PIPE. SEE SPEC. SECTION 07105.
2. INSTALL SUMP PUMP PER C2
3. PROTECT EXISTING MASONRY WALL.
4. PROTECT EXISTING BUILDING AND CLAY DRAINAGE PIPE DURING CONSTRUCTION.
5. PLACE COMPACT SOIL FILL.
6. INSTALL GALVANIZED STEEL GRATE, SEE S1.
7. WELD 2"X2"X1/4" ANGLE TO UNDERSIDE OF GRATE ON 3 SIDES TO KEEP GRATE IN PLACE.
8. REMOVE PROJECTING EXISTING BRICK AROUND EXISTING DRAINAGE PIPE.

A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT:
DESIGNED: KR
DRAWN: KG
TECH REVIEW: TR/ST
DATE: 2004 JUNE 18
SUB SHEET NO.: A7
TITLE OF SHEET: PROPOSED SUBDRAINAGE SYSTEM DETAILS
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE
DRAWING NO.: 489 / 80,033
PKG NO.: 111
SHEET: 9 OF 16



1 / A8 SOUTH END OF COURTYARD



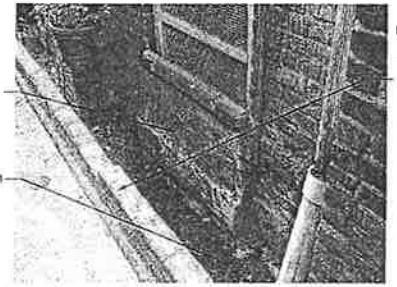
2 / A8 DOWNSPOUT AT SOUTH END



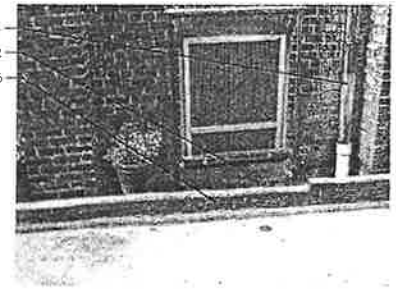
3 / A8 VIEW NORTH IN COURTYARD



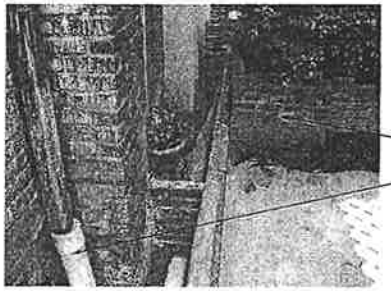
4 / A8 EXISTING DRAINAGE DITCH



5 / A8 EXISTING WINDOW & CURB CONDITION



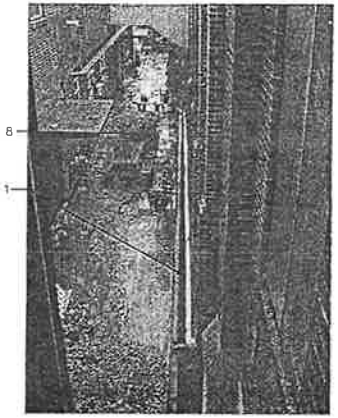
6 / A8 EXISITNG WINDOW & CURB CONDITION



7 / A8 DRAINAGE FLUME AT NORTHERN PLANTER



8 / A8 DRAINAGE FLUME AT NORTHERN PLANTER



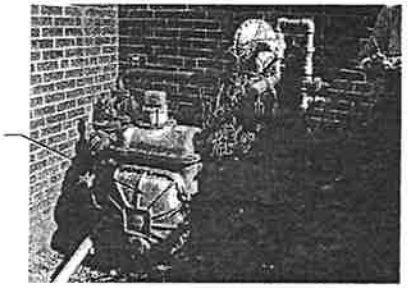
9 / A8 DRAINAGE FLUME FROM ABOVE



10 / A8 EXISTING INVERT FOR DRAINAGE



11 / A8 NORTH SIDE OF PLANTER



12 / A8 EXISTING GAS METER

APPENDICES 186

SHEET SPECIFIC NOTES

1. REMOVE EXISTING DRAINAGE FLUME.
2. REMOVE MASONRY ENCLOSURES AT WINDOWS. DO NOT REMOVE SILL. PROTECT WINDOWS AT ALL TIME.
3. PROTECT EXISITNG GAS METER.
4. TIE IN EXISTING DOWNSPOUTS. TYP.
5. REMOVE EXISTING CURB AND CONCRETE SEE PLAN ON A2 FOR LIMITS OF REMOVAL.
6. REMOVE EXISTING DRAINAGE STRUCTURE.
7. REMOVE PORTION OF BRICK PLANTER.
8. PROTECT EXISTING BRICK PLANTER.
9. PROTECT EXISTING STEPS.
10. PROTECT EXISTING STUCCO.
11. REMOVE PROJECTING BRICKS AROUND EXISTING DRAINAGE PIPE.

SEE SHEET A2 FOR PHOTOGRAPH LOCATIONS

A/E FIRM
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT:

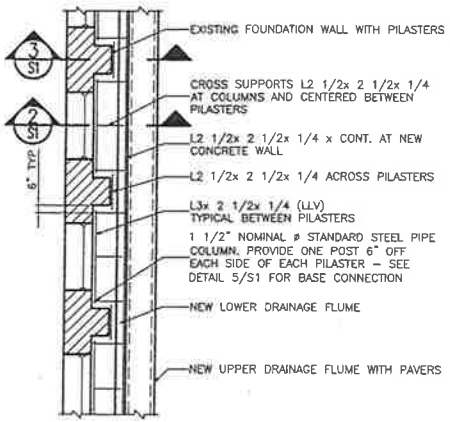
DESIGNED: KR
DRAWN: KG
TECH. REVIEW: TR/ST
DATE: 2004 JUNE 18

SUB SHEET NO.: A8

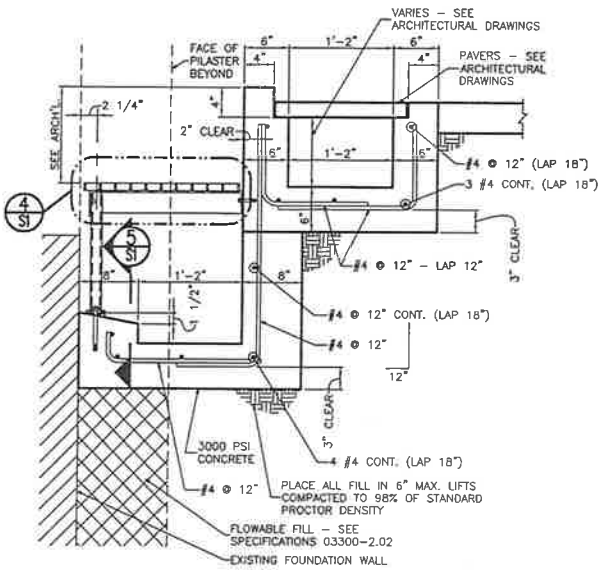
TITLE OF SHEET
EXISTING CONDITION PHOTOGRAPHS

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 / 80,033
PRG. NO. 111
SHEET 10 OF 16

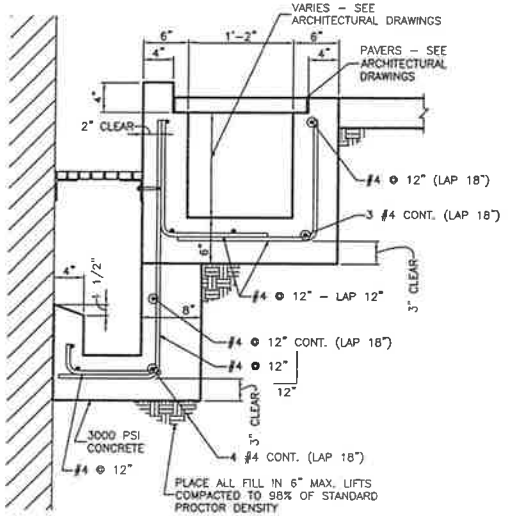


1/S1 **PARTIAL PLAN** DRAINAGE FLUMES w/ GRATE SUPPORT ANGLES
SCALE: (A)



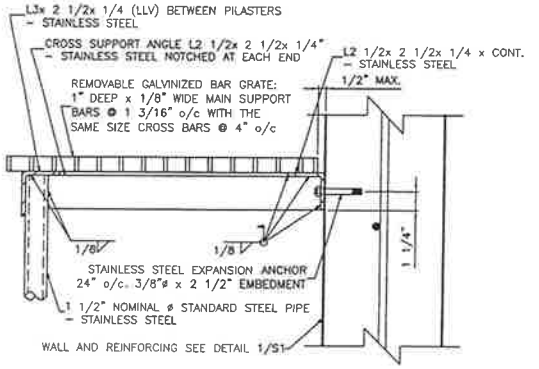
2/S1 **SECTION** TYPICAL DRAINAGE FLUMES
SCALE: (B)

NOTE: SEE DETAILS 4 & 5/S1 FOR GRATE SUPPORT DETAILS

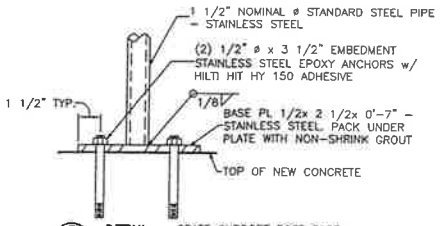


3/S1 **SECTION** DRAINAGE FLUMES AT EXISTING PILASTER
SCALE: (B)

NOTE: SEE DETAILS 4 & 5/S1 FOR GRATE SUPPORT DETAILS



4/S1 **DETAIL** GRATE SUPPORT
SCALE: (C)



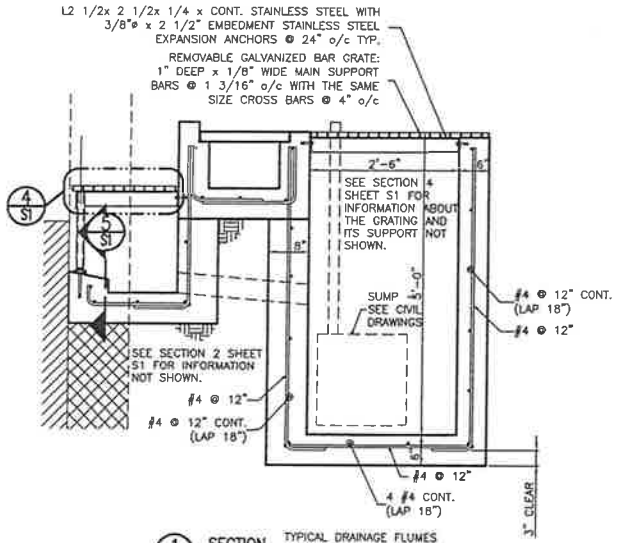
5/S1 **DETAIL** GRATE SUPPORT POST BASE
SCALE: (C)

SCALE (A) 4 0 4 8
SCALE OF FEET

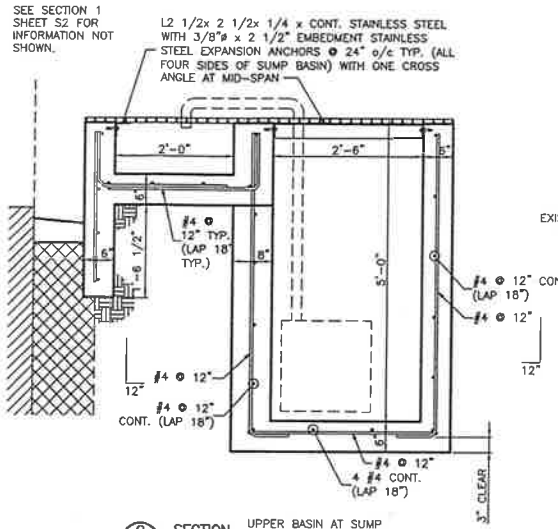
SCALE (B) 6 3 0 6
SCALE OF INCHES

SCALE (C) 12 6 0 12
SCALE OF INCHES

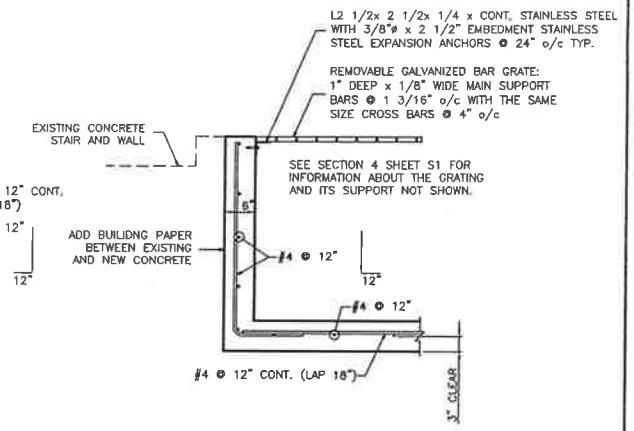
A/E FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANTS: PALMER ENG. CO. TUCKER, GA	DESIGNED: TD, CFD DRAWN: BCT TECH. REVIEW: DATE: 2004 JUNE 4	SUB SHEET NO. S1	TITLE OF SHEET: PLANTER DRAINAGE STRUCTURAL PLAN, SECTIONS AND DETAILS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 / 80,033 PROJ. NO. 111 SHEET 11 OF 16



1/S2 SECTION TYPICAL DRAINAGE FLUMES AT SUMP PUMP BASIN
SCALE: A



2/S2 SECTION UPPER BASIN AT SUMP PUMP BASIN
SCALE: A



3/S2 SECTION END WALL AT DRAINAGE FLUME
SCALE: A

SCALE A 4 0 4 8
SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA; CONSULTANTS: PALMER ENG. CO. TUCKER, GA	DESIGNED: TD, CFD; DRAWN: BCT; TECH. REVIEW: ; DATE: 2004 JUNE 4	SUB SHEET NO. S2	TITLE OF SHEET: PLANTER DRAINAGE SECTIONS AND DETAILS; EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 80,033; PROJ. NO. 111; SHEET 12 OF 16

APPENDICES 188

ELECTRICAL SPECIFICATIONS

A. GENERAL:

1. COMPLY WITH PROVISIONS OF NFPA 70-2002 AND LOCAL CODES. LOCAL CODES AND REGULATIONS SHALL GOVERN IN CASE OF CONFLICT.
2. PROVIDE ACCESS TO EQUIPMENT AND APPARATUS REQUIRING OPERATION, SERVICE OR MAINTENANCE.
3. OPENINGS THROUGH FIRE RATED FLOORS AND PARTITIONS SHALL BE SEALED WITH FIRE RATED SEALANT AFTER INSTALLATION OF RACEWAYS IN A MANNER TO MAINTAIN THE FIRE RATING OF THE SEPARATION.
4. THE EXISTING INSTALLATION SHALL REMAIN EXCEPT WHERE OTHERWISE INDICATED OR SPECIFIED.
5. PERFORM ALL WORK NECESSARY TO INTERCONNECT THE NEW WORK WITH THE EXISTING WORK AND TO ADAPT THE EXISTING WORK TO THE CHANGES IN THE BUILDING AND THE SYSTEM.
6. COORDINATE THE INSTALLATION WITH THE STRUCTURE, ARCHITECTURE, AND WORK OF OTHER TRADES TO ELIMINATE CONFLICTS.
7. ELECTRICAL MATERIALS SHALL BE NEW AND LISTED BY THE UNDERWRITERS' LABORATORIES, INC. WHEREVER STANDARDS HAVE BEEN ESTABLISHED AND LABEL SERVICE IS REGULARLY FURNISHED BY THIS AGENCY.
8. EACH DISCONNECT SWITCH SHALL HAVE AN IDENTIFYING NAMEPLATE AFFIXED. NAMEPLATES SHALL BE LAMINATED PLASTIC, WHITE ENGRAVED LETTERS ON BLACK BACKGROUND FOR NORMAL POWER SUPPLY. LETTERS SHALL BE 0.25" HIGH.

B. DISCONNECT SWITCHES:

1. FUSIBLE TYPE SHALL BE HEAVY DUTY, HORSEPOWER RATED, OF VOLTAGE RATING EQUAL TO VOLTAGE OF CIRCUIT TO WHICH CONNECTED, AND AMPERE RATING AS INDICATED. ENCLOSURES SHALL BE NEMA TYPE 3R WHERE EXPOSED TO WEATHER.
2. PROVIDE FUSES IN FUSIBLE EQUIPMENT AND DEVICES. PROVIDE TO THE OWNER, AS SPARES, 3 FUSES OF EACH SIZE AND TYPE FUSE USED.

C. RACEWAYS:

1. WIRES SHALL BE RUN IN RACEWAYS UNLESS OTHERWISE SPECIFIED.
2. RACEWAYS SHALL BE RIGID HOT-DIP GALVANIZED RIGID STEEL CONDUIT FOR EXPOSED WORK AND WHERE REQUIRED BY CODE.
3. CONCEALED RIGID RACEWAYS SHALL BE ELECTRICAL METALLIC TUBING, OF ELECTRO OR HOT-DIP GALVANIZED STEEL.
4. RACEWAYS SHALL BE NEOPRENE JACKETED FLEXIBLE STEEL CONDUIT FOR CONNECTIONS TO MOTORS (MAXIMUM LENGTH 18").
5. CONNECTORS AND COUPLINGS FOR RIGID CONDUIT SHALL BE THREADED GALVANIZED STEEL. INSULATED BUSHINGS SHALL BE INSTALLED ON RIGID CONDUIT CONNECTORS IN CABINETS, OUTLET BOXES AND PULL BOXES.
6. FITTINGS FOR ELECTRICAL METALLIC TUBING SHALL BE STEEL TYPE WITH INSULATED THROAT CONNECTORS AND SHALL BE CODE APPROVED FOR EACH SPECIFIC APPLICATION.
7. CONCEALED RACEWAYS NOT IN SLABS OR WALLS SHALL BE SUPPORTED WITH CLAMPS ON HANGERS AT 8' OR LESS INTERVALS.

D. WIRING:

1. NO WIRE SHALL BE SMALLER THAN #12 AWG UNLESS OTHERWISE INDICATED.
2. WIRE AND CABLE SHALL BE ANNEALED SOFT DRAWN COPPER AND HAVE A CONDUCTANCE OF 98%.
3. SPLICES, TAPS AND TERMINATIONS:

   SPLICES AND TAPS IN BRANCH CIRCUIT CONDUCTORS, #12 THROUGH 8 AWG, SHALL BE MADE WITH MECHANICAL PRESSURE CONNECTORS.

   TERMINATIONS OF STRANDED COPPER CONDUCTORS SHALL BE MADE WITH COPPER COMPRESSION OR INDENTOR TYPE LUGS OR WITH MECHANICAL PRESSURE LUGS.

   JOINTS SHALL BE COVERED WITH 7 MIL ELECTRICAL TAPE ON BRANCH CIRCUIT WIRING CONNECTIONS, AND 10 MIL ELECTRICAL TAPE ON MECHANICAL AND INDENT CONNECTORS ON LARGER CABLES. PATENTED PLASTIC CONNECTION COVERS MAY BE USED FOR CONNECTORS IF APPROVED BY LOCAL AUTHORITY HAVING JURISDICTION.
4. WIRE SHALL BE COLOR-CODED TO INDICATE THE VARIOUS PHASES AND NEUTRAL. WHERE COLOR-CODING IS IMPRACTICAL, 0.75" WIDE TAPE BANDS SHALL BE PROVIDED.
5. COLOR-CODING FOR THE VARIOUS SYSTEMS SHALL BE AS FOLLOWS:

   FOR 208/120V SYSTEM:

   PHASE A – BLACK
   PHASE B – RED
   PHASE C – BLUE
   NEUTRAL – WHITE
   GROUND – GREEN
6. INSULATION SHALL BE NEC TYPE THWN/THHN.

E. EQUIPMENT GROUNDS:

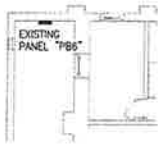
1. EQUIPMENT, ENCLOSURES AND RACEWAYS SHALL BE GROUNDED.
2. A GREEN COLORED OR GREEN IDENTIFIED GROUNDING CONDUCTOR SHALL BE INSTALLED IN RACEWAYS WITH THE PHASE CONDUCTORS.
3. BOND GROUND CONDUCTORS AT ORIGIN OF CIRCUITS, AT INTERMEDIATE PULL BOXES, AND TO PANELBOARDS OR EQUIPMENT AT TERMINATIONS.

F. MISCELLANEOUS:

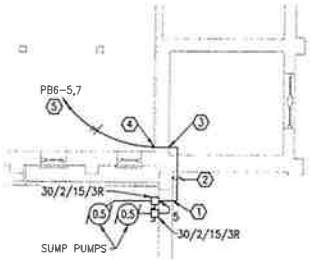
1. MAINTAIN, ON SITE, A COMPREHENSIVE SET OF DRAWINGS WITH AS-BUILT CONDITIONS CLEARLY INDICATED IN RED.
2. VERIFY CODE COMPLIANCE OF EXISTING CONDITIONS. IF ANY OF THE EXISTING ELECTRICAL INSTALLATION TO BE UTILIZED IN CONSTRUCTION IS FOUND TO BE DEFECTIVE OR IN VIOLATION OF NATIONAL, STATE OR LOCAL CODES, NOTIFY THE CONTRACTING OFFICER IN WRITING WITHIN 5 WORKING DAYS.
3. WORK SHALL BE NEAT IN APPEARANCE, PLUMB, LEVEL AND TRUE. ANY WORK DEEMED UNSATISFACTORY BY THE CONTRACTING OFFICER SHALL IMMEDIATELY BE REMOVED AND REPLACED.

ELECTRICAL LEGEND

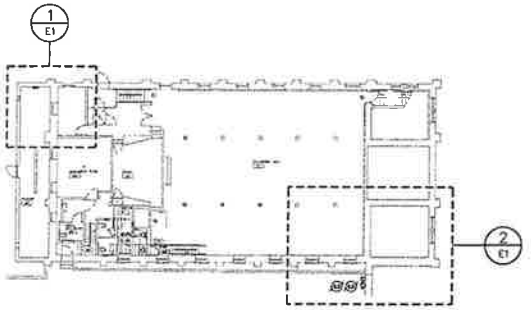
- RACEWAY CONCEALED IN CEILING CAVITY OR WALL.
- RACEWAY EXPOSED TO VIEW UNLESS OTHERWISE NOTED.
- FLEXIBLE RACEWAY.
- RACEWAY HOMERUN TO PANEL, ONE ARROWHEAD PER CIRCUIT.
- RACEWAY WITH 3 WIRES #12 AWG IN CONDUIT, EXCLUDING GROUNDING CONDUCTOR. NOTE: NUMBER OF CROSS HATCHES INDICATES NUMBER OF #12 AWG CONDUCTORS, LESS GROUNDING CONDUCTOR. SHORT CROSS HATCH = PHASE CONDUCTOR, LONG CROSS HATCH = NEUTRAL. NO CROSS HATCHES INDICATES 2 #12 AWG EXCLUDING GROUNDING CONDUCTOR IN CONDUIT.
- 30/3/20/3R — DISCONNECT SWITCH, SIZE/POLES/FUSE/ENCLOSURE TYPE IF OTHER THAN NEMA 1, MOUNT 48" AFF, UNLESS OTHERWISE NOTED.
- (2) — MOTOR, NUMERAL INDICATES HP. "F" INDICATES FRACTIONAL HORSE POWER.
- PANELBOARD, SURFACE-MOUNTED.



1 / E1 1ST LEVEL-EXISTING AND PROPOSED POWER PART PLAN



2 / E1 1ST LEVEL-EXISTING AND PROPOSED POWER PART PLAN



3 / E1 1ST LEVEL-EXISTING AND PROPOSED KEY PLAN

NO SCALE

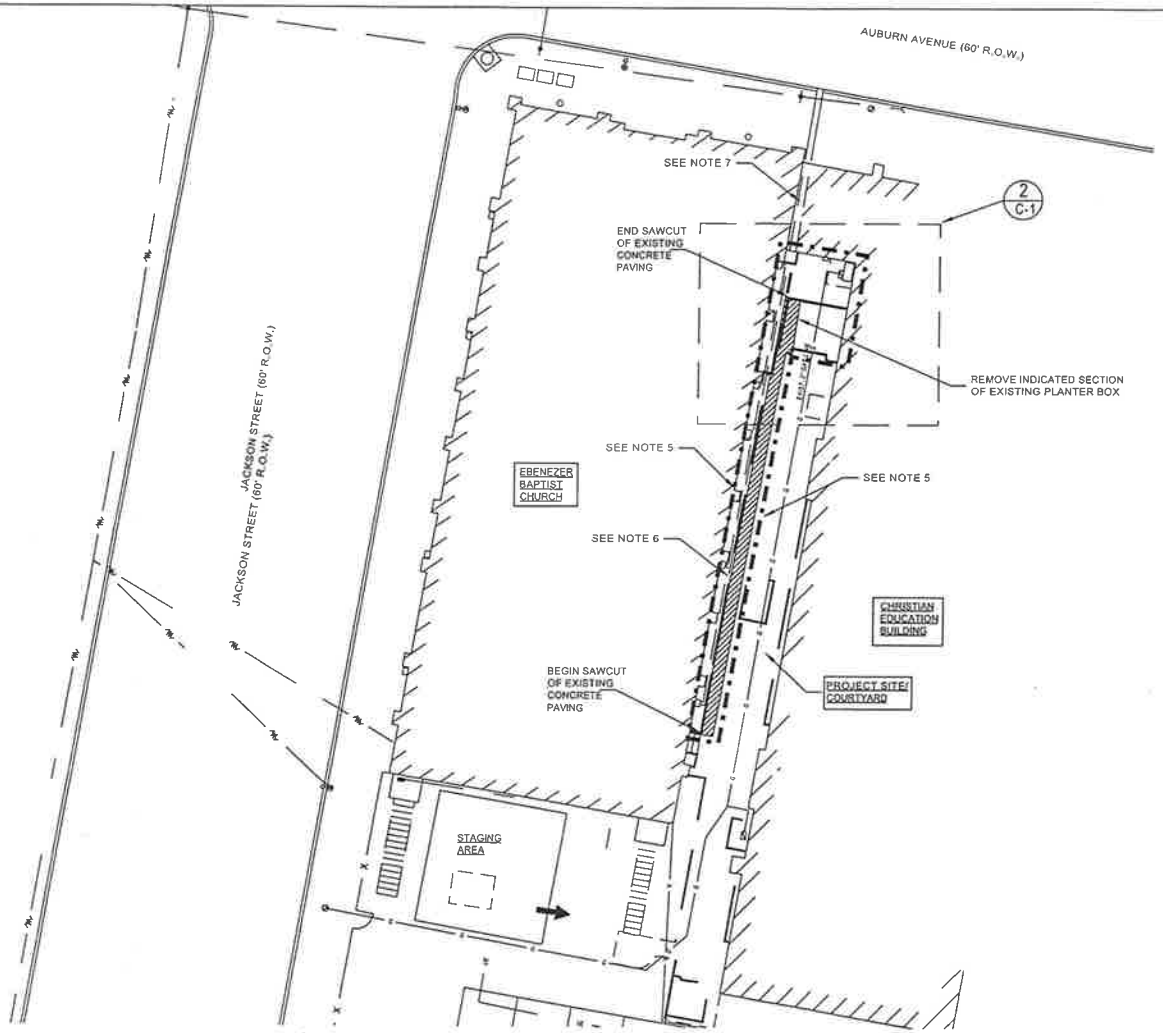
SCALE OF FEET: 4 0 4 8

SHEET SPECIFIC NOTES

1. PENETRATE WALL WITH CONDUIT BEHIND DISCONNECT.
2. RUN CONDUIT SURFACE MOUNTED IN "HYPHEN" CORRIDOR.
3. TURN CONDUIT TO WALL OF FELLOWSHIP HALL AND PENETRATE.
4. SURFACE MOUNT CONDUIT UP THE WALL AND ENTER CEILING SPACE.
5. RUN CONDUIT TO PANEL WHILE CEILING IS REMOVED. CONNECT TO EXISTING SPARE 20/1 CIRCUIT BREAKERS IN PANEL PB6.

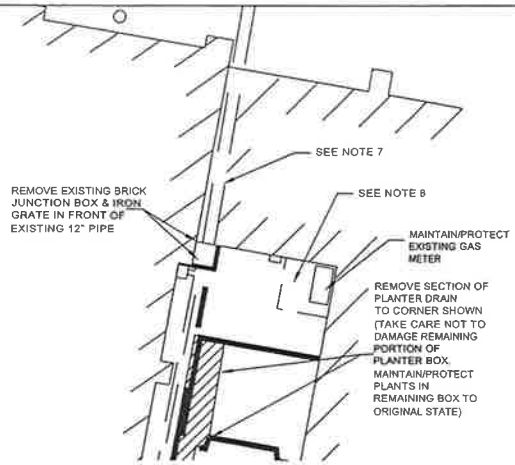
A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
LORD, AECK & SARGENT ATLANTA GA NEWCOMB & BOYD ATLANTA GA	SLT DRAWN KZN TECH. REVIEW SLT DATE 2004 JUNE 04	E1	ELEC SPECIFICATIONS PART PLANS & LEGEND EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	488 80.033 PROJ. NO. 111 SHEET 13 OF 16

APPENDICES 189



1 C-1 EXISTING CONDITION AND DEMOLITION PLAN

SCALE (A)



2 C-1 EXISTING JUNCTION AT BUILDING BLOWN UP PLAN VIEW

SCALE (B)

SCALE (B) 10 0 5 10 SCALE OF FEET

SCALE (A) 20 0 10 20 SCALE OF FEET

SHEET SPECIFIC NOTES

1. DEMOLITION INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING: REMOVAL OF CONCRETE PAVING, CONCRETE CURB AND PROTION OF PLANTER BOX AS INDICATED WITHIN THE DEMOLITION LIMITS.
2. NO UTILITY RELOCATION ANTICIPATED IN THIS PROJECT SCOPE.
3. PROTECT AND MAINTAIN ALL AREAS, FEATURES, ITEMS AND MATERIALS OUTSIDE OF THE PROJECT LIMITS (REMAINING COURTYARD, HISTORIC WALLS, REMAINING PLANTER BOXES AND PLANTS, EXISTING GAS METER, ETC.)
4. CONTRACTOR TO CLEAN AND TEST EXISTING DOWNSPOUTS PRIOR TO TYING INTO NEW ROOFDRAINS FROM BUILDING.
5. LIMITS OF CONTRACT WORK.
6. CAP AND REMOVE INACTIVE CABLE ALONG BASE OF EXISTING TRENCH.
7. MAINTAIN/PROTECT EXISTING 12" DRAIN UNDER BUILDING.
8. REMOVE LOOSE DIRT AND DEBRIS AROUND EXISTING GAS METER.

A/E FIRM
PRIME: LORD, AECK & SARGENT ATLANTA GA
CONSULTANT: EBERLY & ASSOCIATES

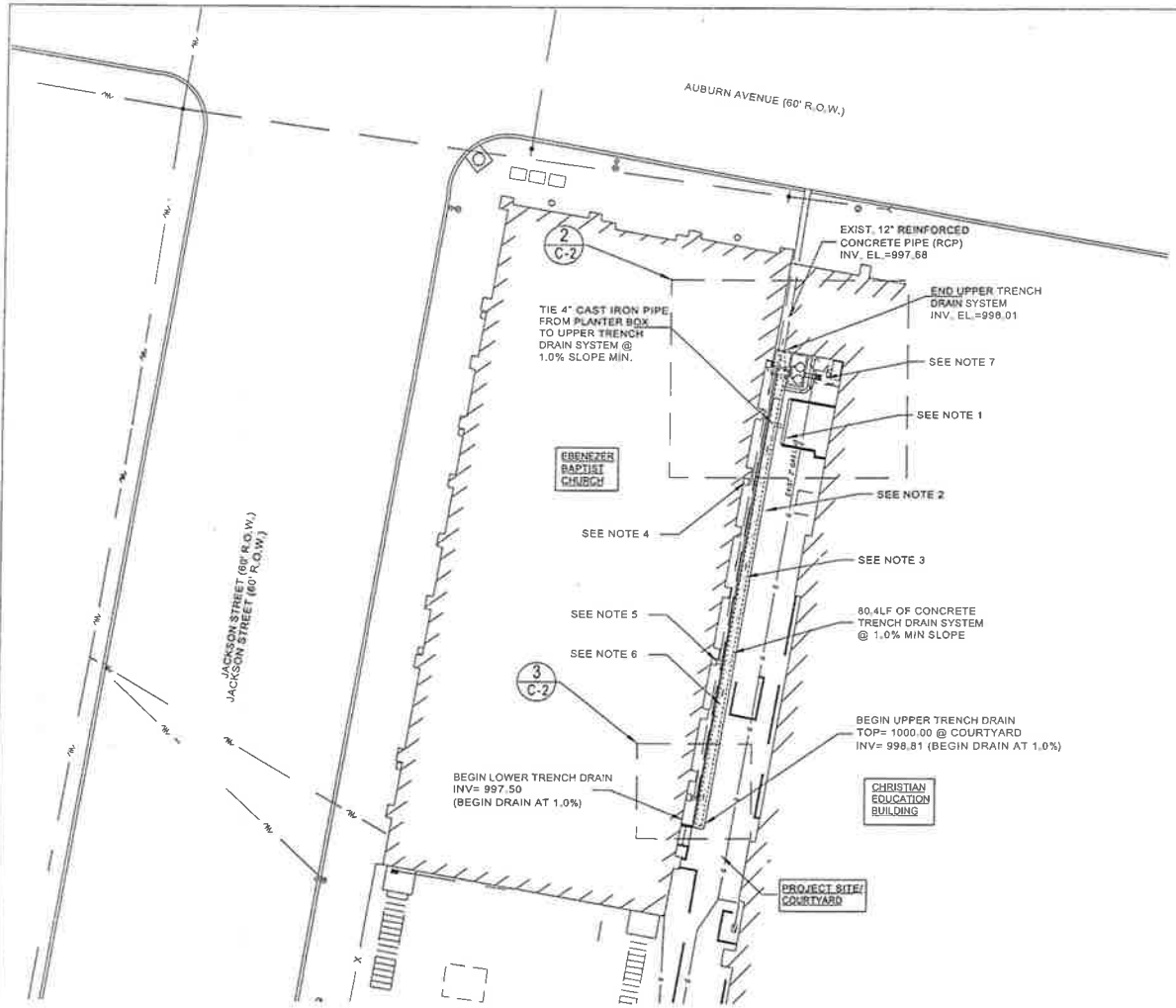
DESIGNED: KE
DRAWN: TO
TECH. REVIEW: GD
DATE: 2004 JUN 4

SUB SHEET NO. C1

TITLE OF SHEET
EXISTING CONDITION & DEMOLITION PLAN
EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

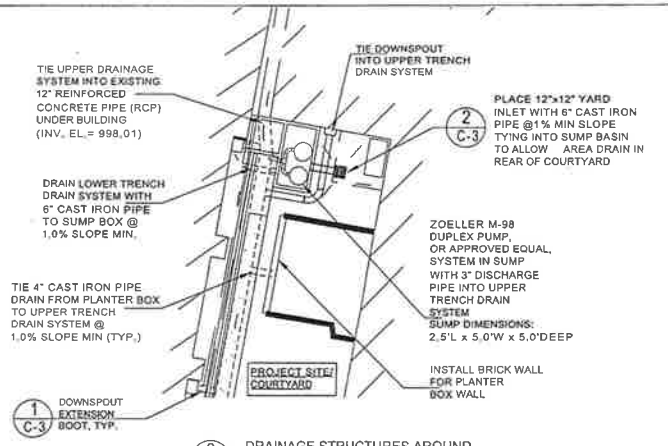
DRAWING NO. 489 80,033
PWD. NO. 111
SHEET 14 OF 16

APPENDICES 190



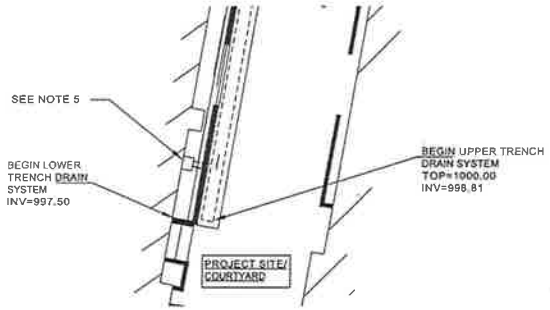
1 C-2 PROPOSED SUBDRAINAGE SYSTEMS

SCALE (A)



2 C-2 DRAINAGE STRUCTURES AROUND STEPS AND PLANTER BOX

SCALE (B)



3 C-2 DRAINAGE SYSTEMS AT STEPS

SCALE (B)

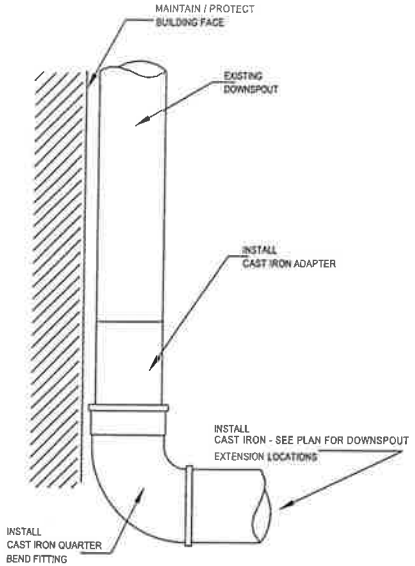
SCALE (B) 10 0 5 10 SCALE OF FEET

SCALE (A) 20 0 10 20 SCALE OF FEET

SHEET SPECIFIC NOTES

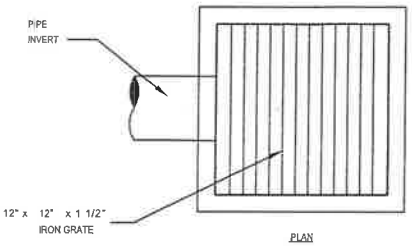
1. PLACE EXPANSION JOINT AT PLANTER BOX. SEE ARCHITECTURAL PLANS FOR DETAILS.
2. MATCH GRADES FOR NEW CONCRETE JOINT WITH GRADES IN THE EXISTING CONCRETE COURTYARD.
3. INSTALL NEW 6" CONCRETE PAVING SECTION ON COMPACTED SUBGRADE.
4. MAINTAIN / PROTECT EXISTING DOWNSPOUTS (TYP.).
5. TIE EXISTING DOWNSPOUTS TO UPPER TRENCH DRAIN SYSTEM USING DOWNSPOUT EXTENSION BOOTS (TYP.). SEE DETAILS SHEET C3.
6. INSTALL HANOVER CONCRETE PAVERS ABOVE UPPER TRENCH DRAIN (TYP.).
7. SLOPE GRADES TO PROVIDE POSITIVE DRAINAGE TO YARD INLET.

A/E FIRM:	LORD, AECK & SARGENT ATLANTA GA
CONSULTANT:	EBERLY & ASSOCIATES
DESIGNED:	KE
DRAWN:	TO
TECH. REVIEW:	GD
DATE:	2004 JUN 4
SUB SHEET NO:	C2
TITLE OF SHEET:	PROPOSED SUBDRAINAGE SYSTEM PLAN
	EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE
DRAWING NO:	489 80,033
PKG NO.	111
SHEET	15 OF 16

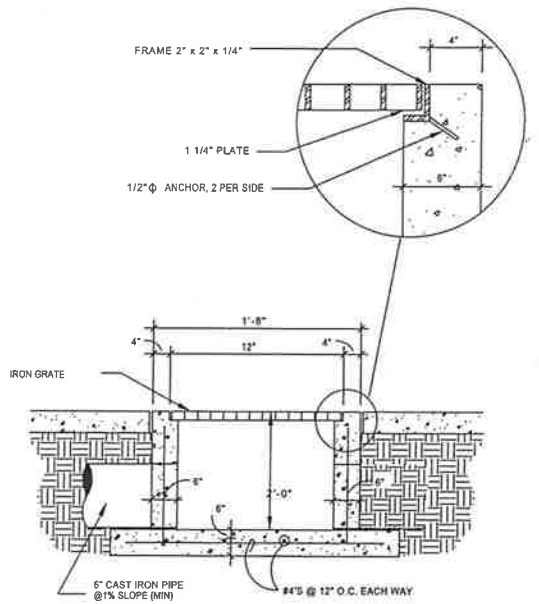


1 / C-3 DOWNSPOUT EXTENSION BOOT

NOT TO SCALE



PLAN

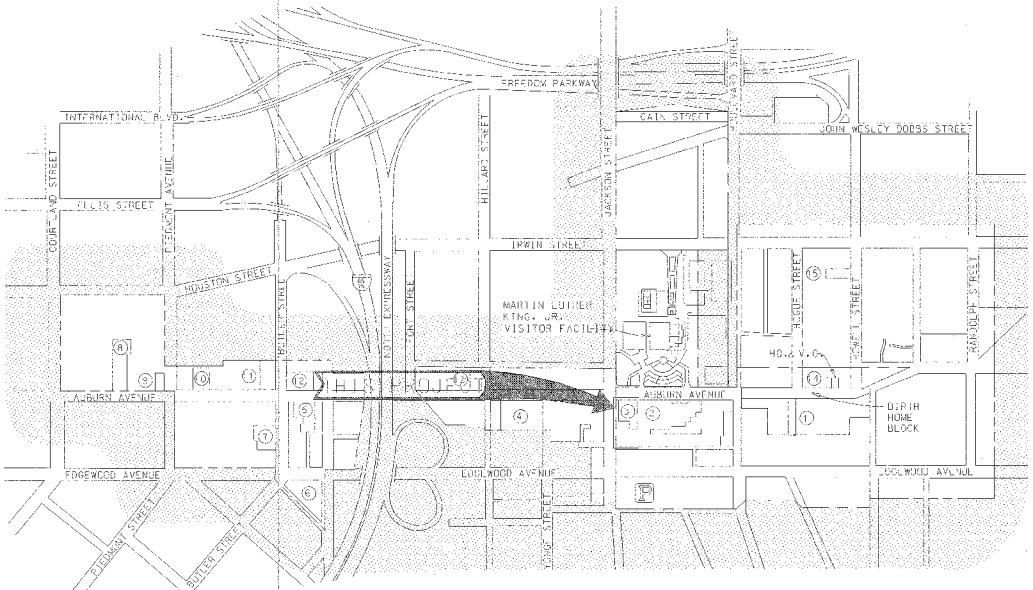


SECTION

2 / C-3 YARD INLET DETAIL

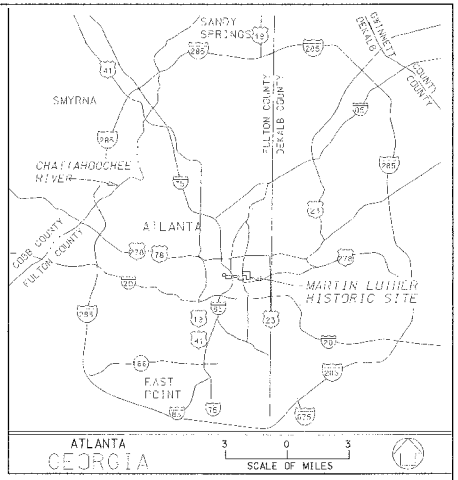
NOT TO SCALE

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT: EBERLY & ASSOCIATES	DESIGNED: KE DRAWN: TO TECH. REVIEW: GD DATE: 2004 JUN 4	SUB SHEET NO. C3	TITLE OF SHEET: CONSTRUCTION DETAILS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489 / 80,033 PROJ. NO. 111 SHEET 16 OF 16



VICINITY MAP

LEGEND
- PARK BOUNDARY
- PRESERVATION DISTRICT BOUNDARY
- COUNTY LINE
- V.C. VISITOR CENTER
- HQ. PARK HEADQUARTERS
- P PARKING



LOCATION MAP

INDEX

SHEET	SUB SHEET	TITLE OF SHEET
1		COVER SHEET
2	A1	SITE PLAN
3	A2	FELLOWHIP HALL LEVEL KEY PLAN
4	A3	EXTERIOR RAMP PLAN AND DETAIL
5	A4	LIFT AND STAIR DETAIL PLAN
6	A5	LIFT AND STAIR DETAIL PLAN
7	A6	LIFT AND STAIR SECTIONS
8	A7	LIFT SHAFT AND STAIRWALL ASSEMBLY
9	S1	LIFT ALTERATIONS - PLANS AND DETAILS
10	S2	LIFT ALTERATIONS - PLANS AND DETAILS
11	S3	LIFT ALTERATIONS - PLANS AND DETAILS
12	S4	STRUCTURAL GENERAL NOTES
13	E0	ELECTRICAL LEGEND, ABBREVIATIONS, NOTES AND DETAILS
14	E1	ELECTRICAL PLAN-FELLOWSHIP HALL
15	FA	FELLOWSHIP HALL FIRE ALARM
16	FP	FELLOWSHIP HALL FIRE PROTECTION

EBENEZER BAPTIST CHURCH
LIFTS AND RAMP
407 AUBURN AVENUE
MARTIN LUTHER KING JR. NATIONAL HISTORIC SITE

SCALE OF FEET
300 0 300 600 900
75 0 75 150 225
SCALE OF METERS

A/E FIRM		
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA	CIVIL:	MECHANICAL:
LANDSCAPE:	STRUCTURAL: FALMER ENGINEERING TUCKER, GA	ELECTRICAL: NEWCOMB & BOYD ATLANTA, GA

Mark	Sheet	REVISION	Date	Initial

RECOMMENDED
Project Manager / Architect — Date
Chief of Architecture Division — Date
APPROVED
Superintendent — Date

100% CONSTRUCTION DOCUMENTS
2010 MAY 25

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
SOUTHEAST REGION
ARCHITECTURE DIVISION

TITLE OF DRAWING
EBENEZER BAPTIST CHURCH
LOCATION WITHIN PARK
407 AUBURN AVE. NE
NAME OF PARK
MARTIN LUTHER KING JR. NHS

REGION: SOUTHEAST | COUNTY: FULTON | STATE: GEORGIA

DRAWING NO. 489/80034
PROJ. NO. MALU 1559 80A
SHEET 01 OF 16

APPENDICES 194

SYMBOLS LEGEND

ELEVATION MARKER ◆ LEVEL NAME / HEIGHT

SECTION

NORTH ARROW

DETAIL CALL-OUT X / XXXX

SCALES

6 3 0 6 — SCALE OF INCHES — 3" = 1'-0"

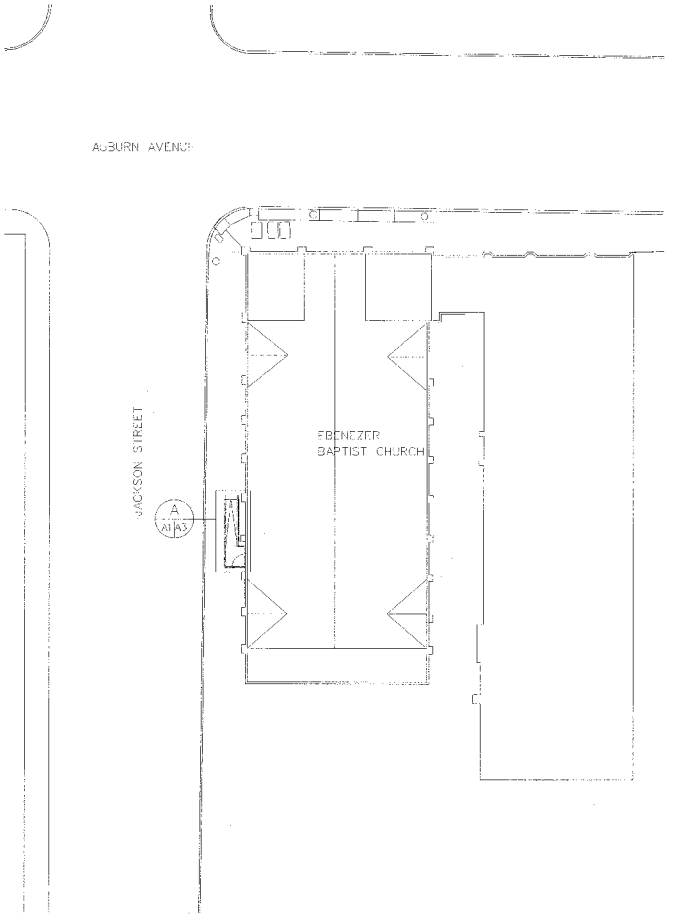
12 6 0 12 — SCALE OF INCHES — 1-1/2" = 1'-0"

2 0 2 4 — SCALE OF FEET — 1/2" = 1'-0"

4 0 4 8 — SCALE OF FEET — 1/4" = 1'-0"

16 0 16 32 — SCALE OF FEET — 1/16" = 1'-0"

1 0 1 2 — SCALE OF FEET — 1" = 1'-0"



16 0 16 32
SCALE OF FEET

GENERAL NOTES
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THECHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

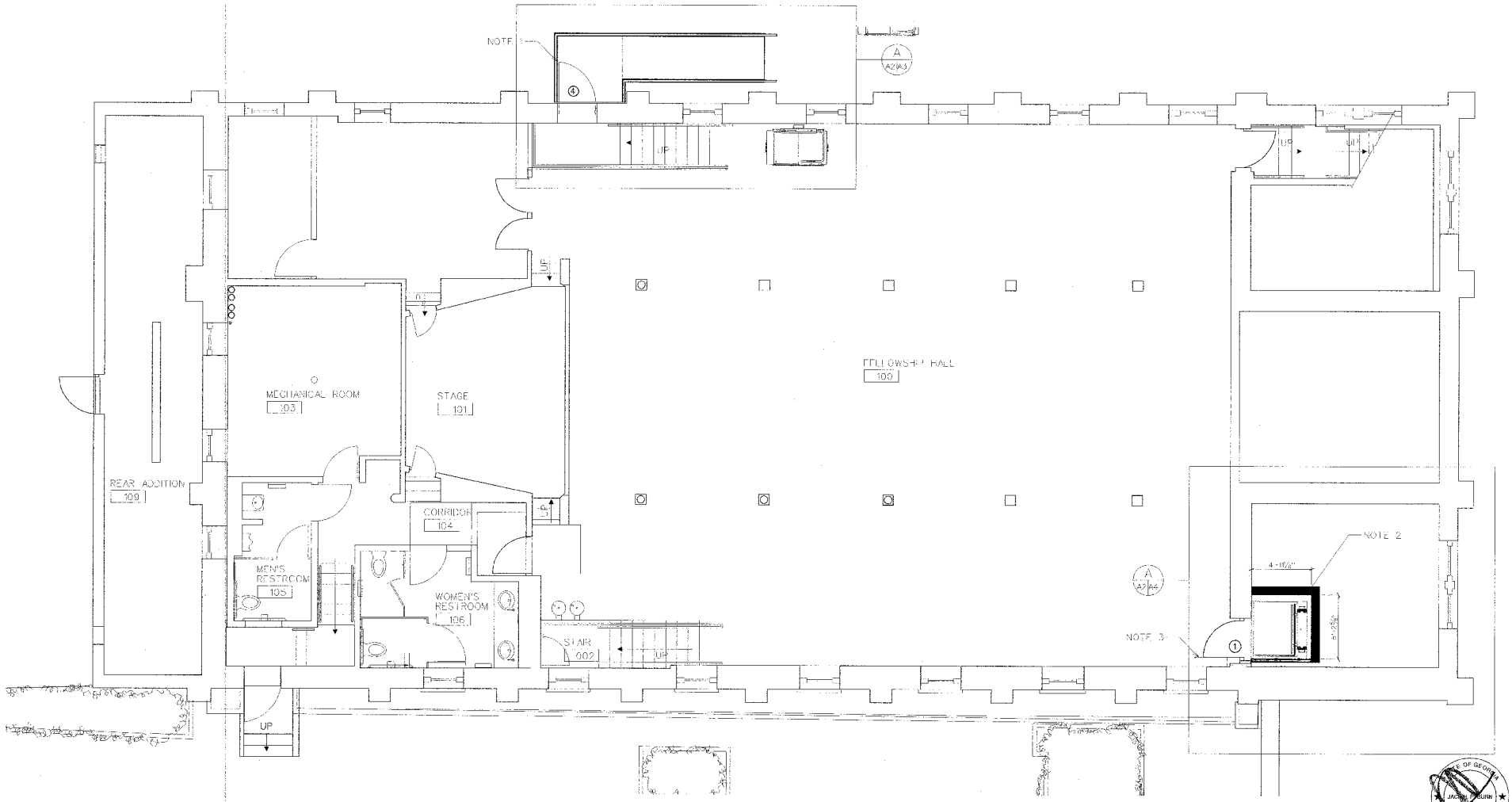
SHEET SPECIFIC NOTES

A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.
CONSULTANT:
DESIGNED: DA
DRAWN: MC
TECH REVIEW: KG/ST
DATE: 05.25.2010
SUB SHEET NO.: A1

TITLE OF SHEET: SITE PLAN

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

DRAWING NO. 489 / 80034
PKG. NO. MALU 1559 80A
SHEET 02 OF 16



GENERAL NOTES
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THECHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

SHEET SPECIFIC NOTES

1. ADD A CHAIR LIFT TO STAIR IN FELLOWSHIP HALL. MODIFY DOOR 4. BUILD CONCRETE RAMP AND HANDRAILS AT SIDEWALK.
2. REMOVE AND REBUILD STAIRS IN EAST STAIR TOWER. INSTALL LIFT.
3. RE-ROUTE SPRINKLER LINE ABOVE.

4 0 4 8
SCALE OF FEET

A/E FIRM
PRIME:
LORD, AECK & SARGENT, INC.
ATLANTA, GA.
CONSULTANT:

DESIGNED: DA
DRAWN: MC
TECH. REVIEW: KG/ST
DATE: 05.25.2010

SUB SHEET NO.
A2

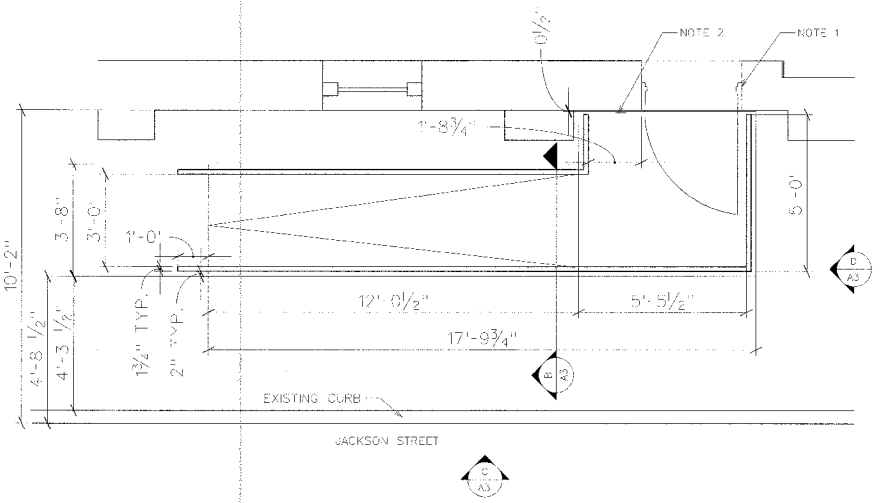
TITLE OF SHEET
FELLOWSHIP HALL LEVEL KEY PLAN

EBENEZER BAPTIST CHURCH
MLK JR. NATIONAL HISTORIC SITE

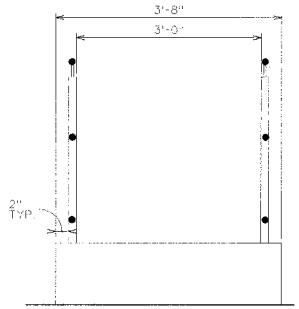
DRAWING NO.
489
80034

PKG. NO.
MALU
1559
80A

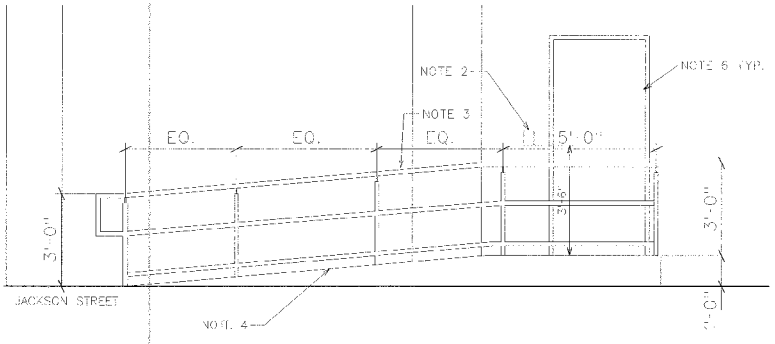
SHEET
03
OF 16



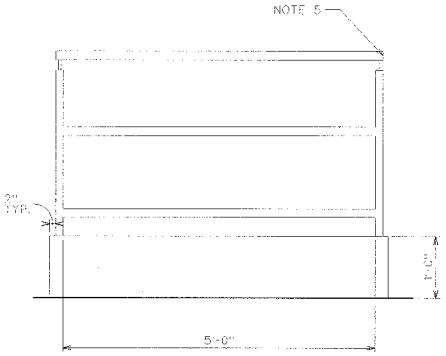
A / A3 FELLOWSHIP HALL LEVEL RAMP PLAN
SCALE B



B / A3 TYPICAL RAMP SECTION
SCALE A



C / A3 FELLOWSHIP HALL LEVEL RAMP ELEVATION
SCALE B



D / A3 RAMP END ELEVATION
SCALE A

SCALE B 2 0 2 4 SCALE OF FEET

SCALE A 1 0 1 2 SCALE OF FEET

GENERAL NOTES

ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THECHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

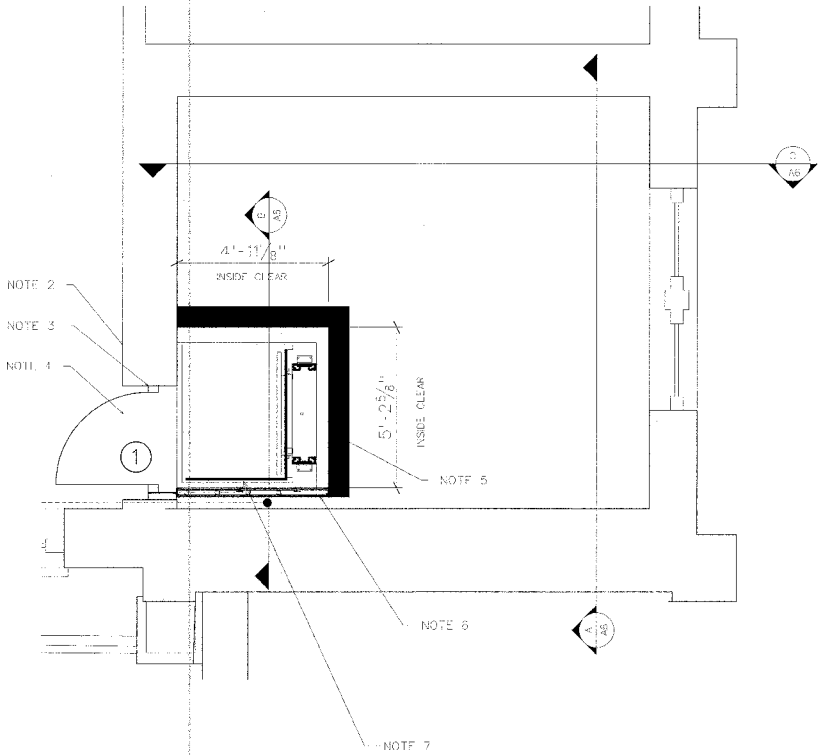
SHEET SPECIFIC NOTES

1. REMOVE DOOR, DISCONNECT CLOSER FROM FRAME. TURN DOOR UPSIDE DOWN. REINSTALL USING FULL SURFACE CONTINUOUS HINGE ON RIGHT SIDE OF FRAME. INSTALL ELECTRIC SERVICE ON LEFT HAND SIDE. REINSTALL CLOSER. INSTALL HINGE, FILLER PLATES TO DOOR AND FRAME TO FILL EXISTING HINGE. COORDINATE INSTALLATION OF ELECTRIC SERVICE, POWER AND SUPPLY, AND REMOVE RELEASE BUTTON. DOOR TO SWING OUT AS SHOWN.
2. INSTALL AIPHONE LEM-IDL/ACCESS SENTRY DOOR ENTRY SYSTEM OR EQUIVALENT AT 42" A.F.F. OF RAMP. COORDINATE DOOR RELEASE SYSTEM WITH NPS.
3. INSTALL PAINTED METAL HANDRAILS.
4. POUR NEW HANDICAP RAMP WITH CONCRETE. MAX SLOPE SHALL BE 1:12. PROVIDE SEPARATION SHEET BETWEEN CONCRETE AND SIDEWALK.
5. DO NOT ATTACH ANY RAILS TO BUILDING. RAMP SHALL BE FREE STANDING.
6. NEW HINGES. SEE SPECIFICATIONS SECTION 087100.

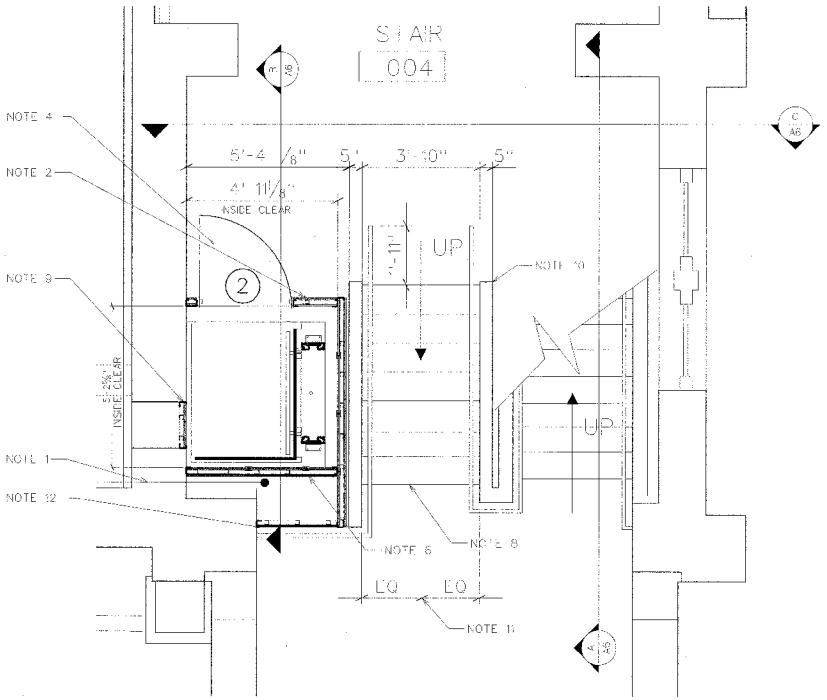
A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.	DESIGNED: DA	SUB SHEET NO. A3	TITLE OF SHEET: RAMP PLAN AND DETAIL
CONSULTANT:	DRAWN: MC		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE
	TECH. REVIEW: KG/ST		
	DATE: 05.25.2010		

DRAWING NO. 489 / 80034
PKG. NO. MALU 1559 80A
SHEET 04 OF 16

UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / SOUTHEAST REGION / ARCHITECTURE DIVISION · 100 ALABAMA STREET SW · ATLANTA, GA 30303-3104



A FELLOWSHIP HALL LEVEL
A4 SCALE A



B ENTRY LEVEL
A4 SCALE A

SCALE A 2 0 2 4
SCALE OF FEET

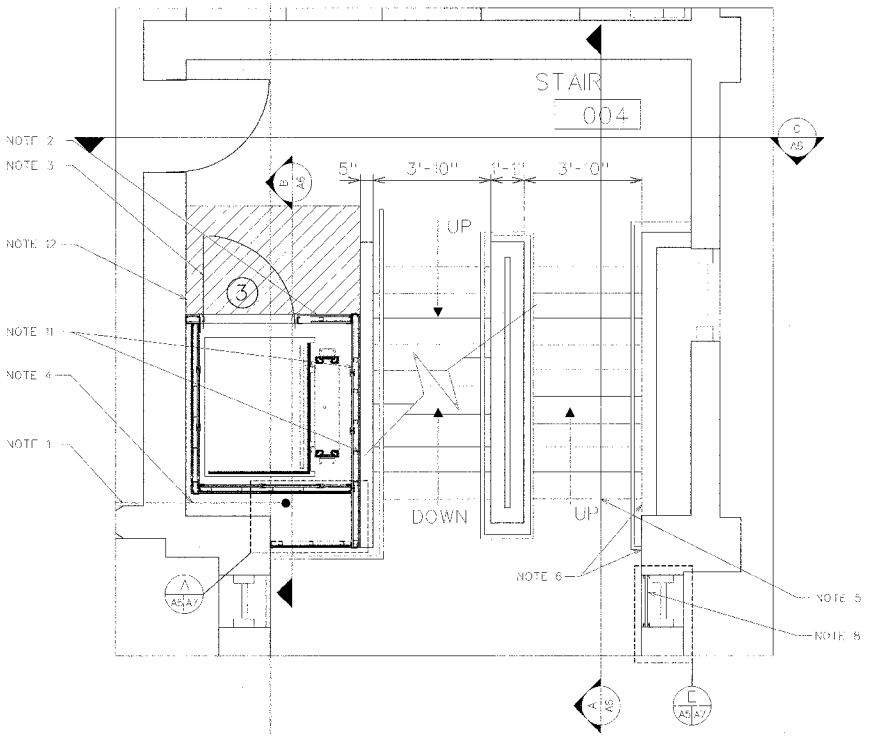
GENERAL NOTES
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THECHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

SHEET SPECIFIC NOTES
1. 2" EXISTING WET SPRINKLER LINE LOCATED IN EAST STAIRWELL SERVING BALCONY FROM FELLOWSHIP HALL REQUIRED TO BE RELOCATED AND ROUTED 90 DEGREES APPROXIMATELY 2 FEET TO EAST WITH NEW 2" ELBOW 9 FEET TO THE EAST THEN CONTINUE UPWARD TO CONNECT TO EXISTING BALCONY SPRINKLER SYSTEM TO AVOID NEW LIFT.ALL WORK SHALL BE IN ACCORDANCE WITH NFPA 70-2008 WITH GEORGIA STATE AMENDMENT 2009
2. INSTALL ELEVATOR CALL BUTTON.
3. REMOVE EXISTING DOOR FRAME.
4. INSTALL NEW 1-1/2" HOUR B LABEL 3'-0" X 7'-0" HOLLOW METAL DOOR WITH LITE PER SPECIFICATION SECTION 08110C.
5. 8" CMU WALL. COORDINATE WITH STRUCTURAL.
6. ALIGN SHAFT WALL WITH RELOCATION OF SPRINKLER PIPING ABOVE. ALIGN DOOR AND SHAFT WALL. SEE SPECIFICATION SECTION 092116.
7. INSTALL LIFT PER SPECIFICATION SECTION 144.300.
8. REMOVE AND REBUILD STAIR. SEE STRUCTURAL. REUSE EXISTING FINISHES WHERE POSSIBLE. SUPPLEMENT MATERIALS IN KIND TO REBUILD STAIR. REUSE AND REMOVE HANDRAILS FOR NEW CONFIGURATION.
9. INFILL TRANSFER GRILLE WITH SHAFT WALL. MAINTAIN TRANSFER GRILLE ON FELLOWSHIP HALL SIDE OF WALL.
10. PATCH FLOOR AT VESTIBULE WHERE STAIR DEMOLITION MAY HAVE OCCURRED. SALVAGE BRICK TILE FROM LIFT LOCATION FOR REPAIRS. ENTIRE STAIR TO BE CARPETED WITH MATCHING RED CARPET. PAINT ENTIRE STAIR STRUCTURE WHEN COMPLETE. CLEAR FINISH ON WOOD CAP.
11. CENTER EXISTING LIGHT FIXTURES UNDER EAST STAIRWELL LANDING. TYPICAL.
12. ALIGN WITH EXISTING LANDING OPENING.

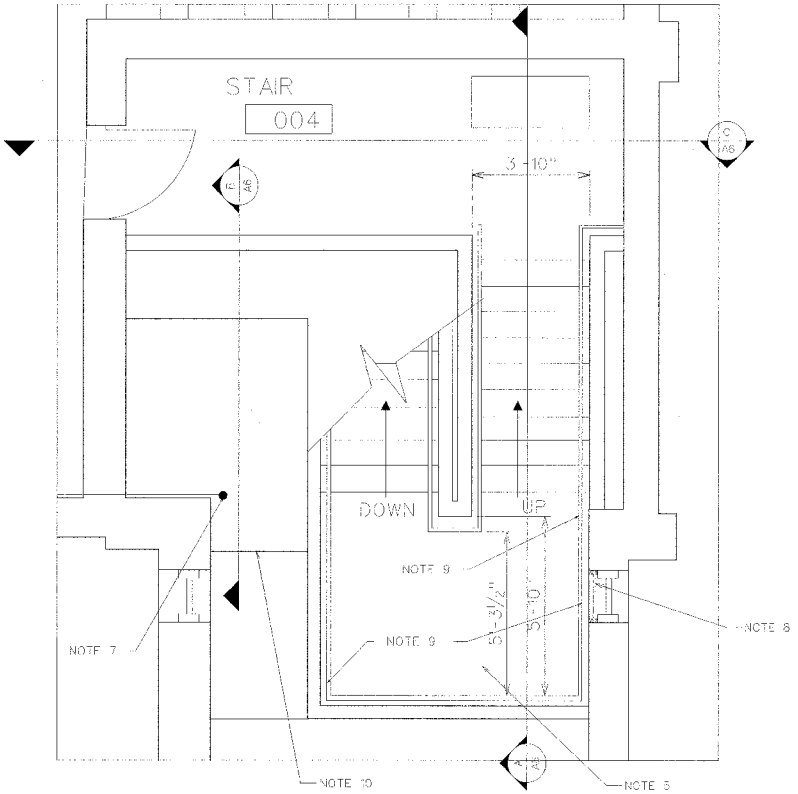
A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT:	DESIGNED: DA DRAWN: MC TECHNICIAN: KG/ST DATE: 05.25.2010	SUB SHEET NO.: A4	TITLE OF SHEET: LIFT AND STAIR PLAN EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE

DRAWING NO.: 489 / 80034
PKG NO.: MALU 1559 80A
SHEET: 05 OF 16

UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / SOUTHEAST REGION / ARCHITECTURE DIVISION • 100 ALABAMA STREET SW ATLANTA GA 30303-3104



A / A5 SANCTUARY LEVEL
SCALE A



B / A5 BALCONY LEVEL
SCALE A

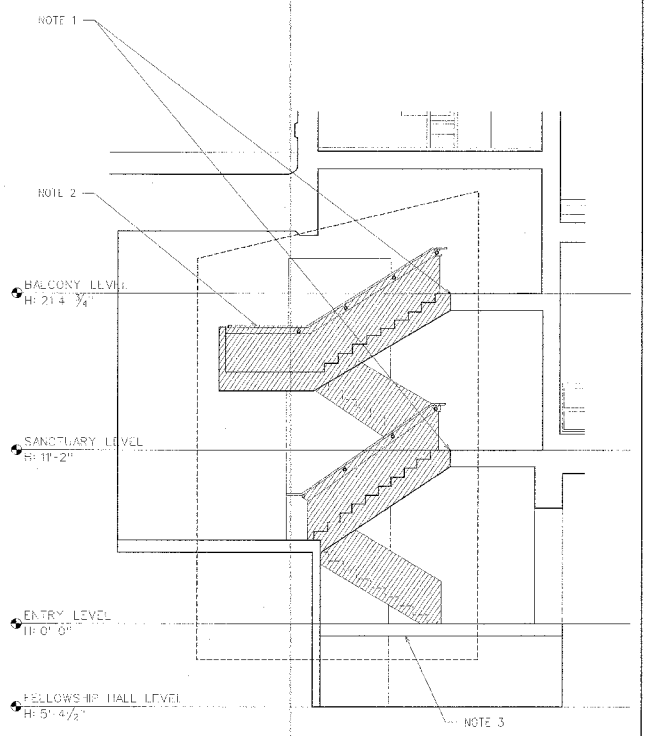
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THECHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

1. 2" EXISTING WET SPRINKLER LINE LOCATED IN EAST STAIRWELL SERVING BALCONY FROM FELLOWSHIP HALL REQUIRED TO BERELOCATED AND ROUTED 90 DEGREES APPROXIMATELY 2 FEET TO EAST WITH NEW 2" ELBOW. 9 FEET TO THE SOUTH THEN CONTINUE UPWARD TO CONNECT TO EXISTING BALCONY SPRINKLER SYSTEM. TO AVOID NEW LIFT.TEST SPRINKLER SYSTEM AND ALL WORK SHALL BE IN ACCORDANCE WITH NFPA 13-2007 AND WITH NFPA 70-2008 WITH GEORGIA STATE AMENDMENT 2009.
2. INSTALL ELEVATOR CALL BUTTON.
3. INSTALL NEW 1-1/2 HOUR B LABEL HOLLOW METAL DOOR AND METAL FRAME WITH LITE PER SPECIFICATION SECTION 081100.
4. RELOCATE FIRE LINE IN FELLOWSHIP HALL. ROUTE BETWEEN SHAFT WALL AND EXISTING WALL.
5. REBUILD STEEL AND CONCRETE STAIRS. SEE STRUCTURAL. REUSE EXISTING FINISHES AS MUCH AS POSSIBLE. RESUPPLEMENT MATERIALS IN KIND.
6. ALIGN WALL WITH EXISTING WALL.
7. BRING FP LINE UP AND ABOVE SHAFT RECONNECT PIPES WITH EXISTING FIRE PROTECTION.
8. PROVIDE 1" LAMINATED GLASS AND WOOD FRAME. PAINT WOOD FRAME TO MATCH SURROUNDING ROOM.
9. EXTEND HANDRAIL AT LANDING.
10. PROVIDE SHAFT WALL CEILING AT TOP OF LIFT.
11. FIRE STOP AT STRUCTURE AND SHAFT WALL. PAINT STRUCTURE WITH INTUMESCENT PAINT PER SECTION 099100.
12. LIMIT OF DEMOLITION AND FLOOR REPLACEMENT. COORDINATE WITH STRUCTURAL.

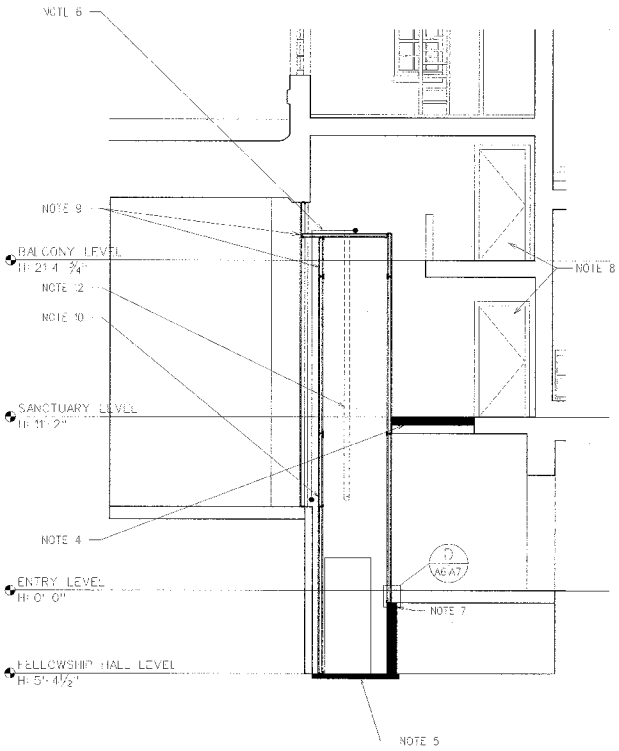
SCALE A 2 0 2 4
SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.	DESIGNER: DA	SUB SHEET NO.: A5	TITLE OF SHEET: LIFT AND STAIR PLAN
CONSULTANT:	DRAWN: MC		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE
	CHECKED: KG/ST		
	DATE: 05.25.2010		

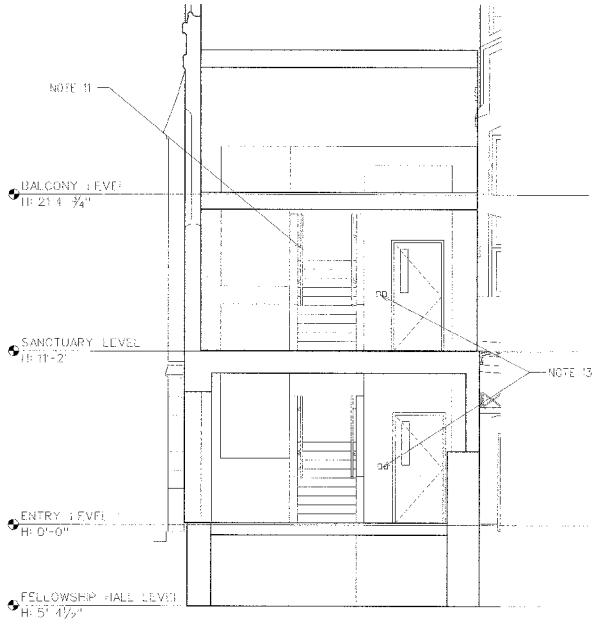
DRAWING NO. 489 / 80034
PROJ. NO. MALU 1559 80A
SHEET 06 OF 16



A STAIR SECTION
A6 SCALE A



B ELEVATOR SECTION
A6 SCALE A



C LANDING SECTION
A6 SCALE A

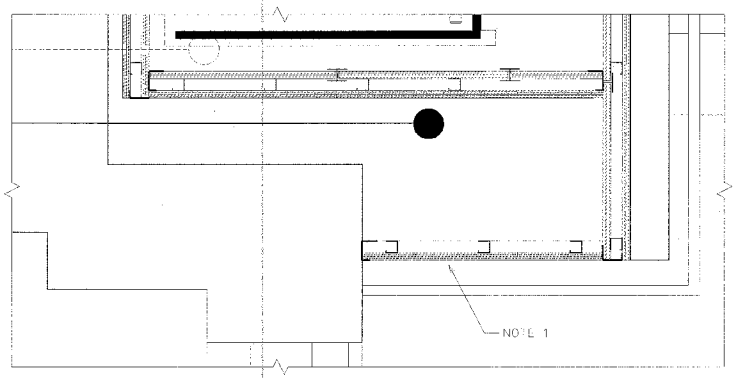
GENERAL NOTES
ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE C.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THECHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

SHEET SPECIFIC NOTES
1. EXTENT OF STAIR REPLACEMENT. EXISTING LANDINGS TO REMAIN. STAIR TO LOOK LIKE EXISTING STAIR. REMOVE AND RELPLACE ALL GYPSUM WALL ASSEMBLIES AT: WALLS, CEILINGS, SOFFITS AND RAILS OF STAIR. REPLACE ALL FINISHES WHERE DISTURBED BY STRUCTURAL CONNECTIONS.
2. NEW STAIR STRUCTURE. SAME AREA TO BE DEMOLISHED IN SECTION REPRESENTS NEW AREA OF STAIR IN SECTION.
3. EXISTING FLOOR TO REMAIN.
4. NEW FLOOR STRUCTURE OF SANCTUARY LANDING. SEE STRUCTURAL. INSTALL CARPET ON LANDING.
5. 6" CONCRETE PAD WITH FOOTING GUARD UNDERNEATH LIFT.
6. RELOCATE FP LINE.
7. NEW 8" CMU WALL.
8. EXISTING SANCTUARY AND BALCONY DOOR.
9. NEW SHAFT WALL.
10. ORIGINAL ENTRY POINT OF FP LINE.
11. RECONFIGURE EXISTING HANDRAILS IN NEW STAIR LOCATION.
12. ORIGINAL LOCATION OF FIRELINES.
13. PROVIDE SWITCH FOR LIGHT AND LIFT CALL BUTTON AT ALL LEVELS NEAR ENTRY TO LIFT DOORS. MOUNT AT 42" A.F.F.

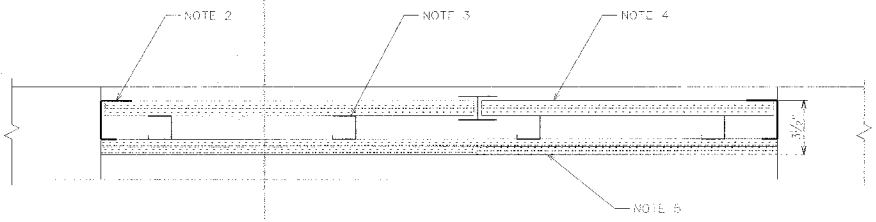
SCALE A 1 0 4 8
SCALE OF FEET

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.	DA	A6	LIFT AND STAIR SECTION	489 80034
CONSULTANTS	DRAWN MC		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. MALU 1559 80A
	TECH. REVIEW KG/ST			SHEET 07 OF 16
	DATE 05.25.2010			

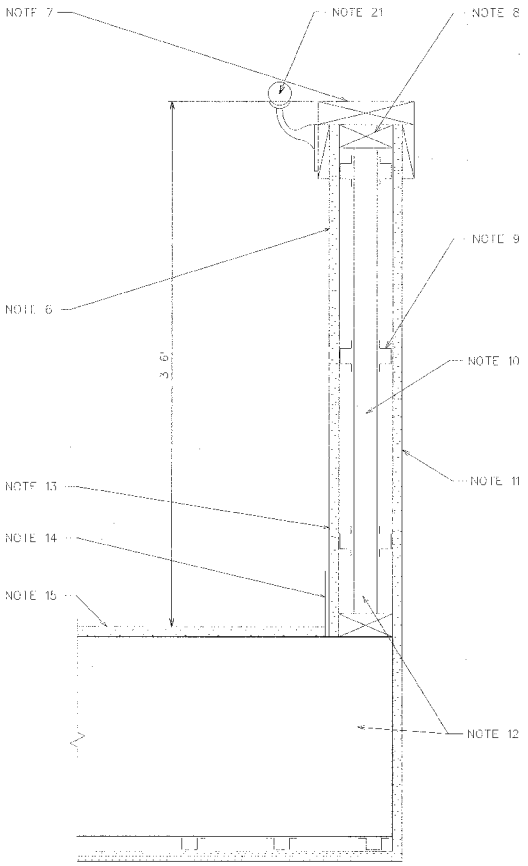
STATE OF GEORGIA
REGISTERED ARCHITECT



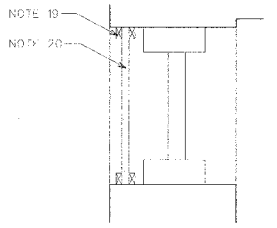
A / A7 SHAFT WALL: FP RELOCATION
SCALE B



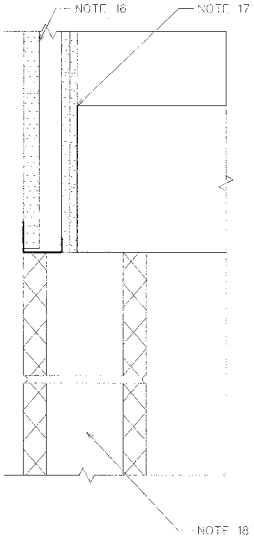
B / A7 SHAFT WALL CONSTRUCTION PER U438–TYPICAL
SCALE A



C / A7 STAIR WALL SECTION–TYPICAL
SCALE A



E / A7 CMU/SHAFT WALL DETAIL
SCALE A



D / A7 CMU/SHAFT WALL DETAIL
SCALE A

GENERAL NOTES

ALL HISTORIC FABRIC AND MATERIALS (1968 AND EARLIER), WHICH ARE DESIGNATED TO REMAIN, SHALL BE PROTECTED AND PRESERVED BY THE G.C. DO NOT REMOVE ANY HISTORIC MATERIAL FROM THECHURCH PREMISES WITHOUT AUTHORIZATION BY THE C.O.

SHEET SPECIFIC NOTES

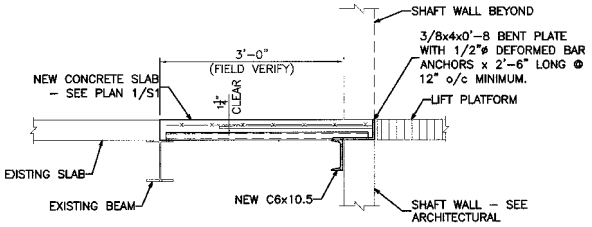
1. PROVIDE GYPSUM WALLBOARD ASSEMBLIES 5/8" GYP. ON 3'1/2" METAL STUDS. SEE SPECIFICATIONS SECTION 092116-GYPSUM WALLBOARD ASSESMENTS.
2. "U"-SHAPED RUNNER 2-1/2"WIDE WITH 1" AND 2" LEGS.
3. "C-H" SHAPED STUDS 2-1/2" WIDE X 1-1/2" DEEP.
4. 1" THICK GYPSUM WALLBOARD PANELS.
5. TWO LAYERS OF 1/2" THICK 4' WIDE WALLBOARDS.
6. ALL TO BE 42" AT GUARDRAIL CONDITION. WALL SHALL MATCH EXISTING HEIGHTS AT NON-GUARDRAIL CONDITIONS.
7. FINISH CARPENTRY.
8. WOOD BLOCKING MATCH EXISTING WIDTH OF HANDRAIL.
9. STUDS OR HAT CHANNELS MATCH EXISTING WIDTH OF HANDRAIL. COORDINATE WITH 2" STRUCTURAL POST. SEE 2/S3
10. 2" STEEL POST. SEE STRUCTURAL 2/S3
11. 5/8" GYPSUM BOARD PER SPECIFICATION SECTION 092116-GYPSUM WALLBOARD ASSEMBLIES.
12. NEW STEEL STAIR STRUCTURE.
13. GYPSUM BOARD PER SPECIFICATION SECTION 092116-GYPSUM WALLBOARD ASSEMBLIES.
14. 6" RUBBER FINISH BASE, MATCH EXISTING COLOR.
15. CARPET PER SPECIFICATIONS SECTION 096800.
16. SHAFT WALL, SEE B/A7.
17. EXISTING FLOORS SEAL ALL EDGES. SEE SPECIFICATIONS SECTION 07/9000 SEALANTS.
18. NEW 8" CMU WALL BELOW. SEE STRUCTURAL 5/S2.
19. 1 X 2 WOOD FRAME.
20. 1" LAMINATED GLASS.
21. RE-USE EXISTING HANDRAIL WHERE POSSIBLE. ADJUST TO NEW STAIR CONFIGURATION. SUPPLEMENT WITH ADDITIONAL RAIL WHERE NECESSARY. MATCH EXISTING.

SCALE B: 12 6 0 12 — SCALE OF INCHES
SCALE A: 6 3 0 6 — SCALE OF INCHES

A/E FIRM: LORD, AECK & SARGENT, INC. ATLANTA, GA.	DESIGNED: DA	SUB SHEET NO.: A7	TITLE OF SHEET: LIFT SHAFT AND STAIR WALL ASSEMBLY
CONSULTANTS:	DRAWN: MC		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE
	TECH. REVIEW: KG/ST		
	DATE: 05.25.2010		

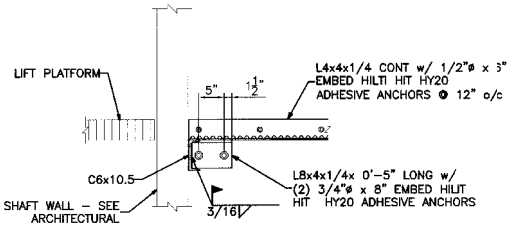
DRAWING NO.: 489 / 80034
PKG. NO.: MALU 1559 80A
SHEET: 08 of 16

UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / SOUTHEAST REGION / MANUSCRIPT DIVISION · 100 ALABAMA STREET SW ATLANTA GA 30303 2104

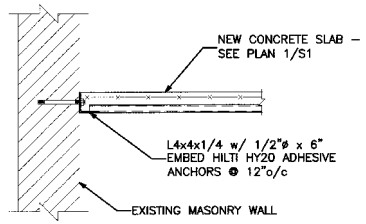


NOTE:
VERIFY LENGTH OF HORIZONTAL LEG OF BENT PLATE WITH ACTUAL FIELD CONDITIONS. GC TO PROVIDE MINIMUM 14 GAGE POUR STOPS AT DOOR JAMBS.

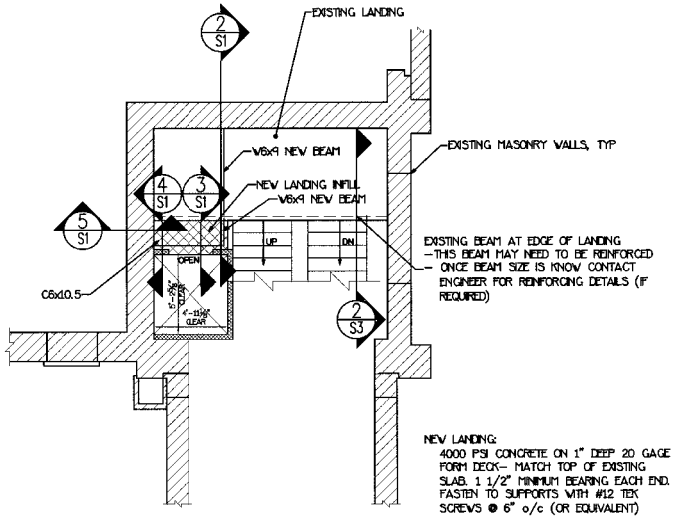
3/S1 SECTION SANCTUARY LEVEL LANDING AT LIFT DOOR OPENING
SCALE: A



4/S1 SECTION SANCTUARY LEVEL LANDING
SCALE: A

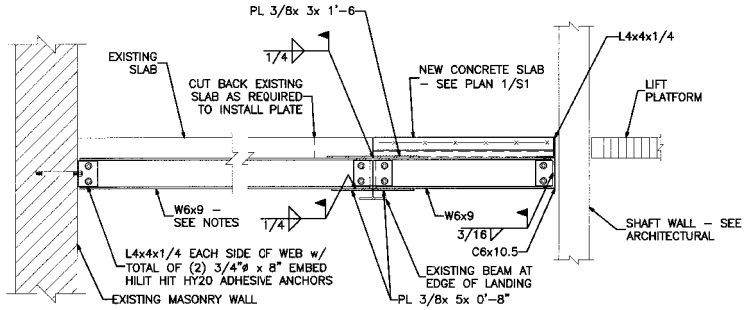


5/S1 SECTION SANCTUARY LEVEL LANDING
SCALE: A



NEW LANDING:
4000 PSI CONCRETE ON 1" DEEP 20 GAGE FORM DECK- MATCH TOP OF EXISTING SLAB, 1 1/2" MINIMUM BEARING EACH END. FASTEN TO SUPPORTS WITH #12 TEK SCREWS @ 6" o/c (OR EQUIVALENT)

1/S1 PLAN VIEW SANCTUARY LEVEL LANDING
SCALE: B



NOTES:

1. CEILING MUST BE REMOVED TO INSTALL NEW W6x9 BEAM - REFER TO ARCHITECTURAL DRAWINGS FOR FINISHES.

2. FASTEN TOP FLANGE OF W6x9 BEAM TO EXISTING SLAB WITH 0.145" DIAMETER POWDER ACTUATED FASTENERS AT 16" ON CENTER STAGGERED.

2/S1 SECTION SANCTUARY LEVEL LANDING
SCALE: A

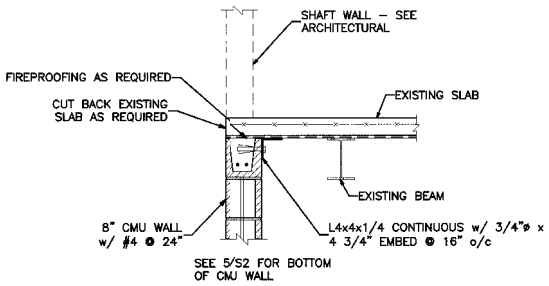


A 1 0 1 2
SCALE OF FEET

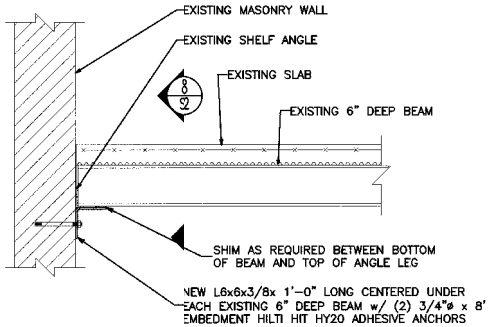
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SCALE OF FEET

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT ATLANTA GA CONSULTANTS: PALMER ENG. CO. TUCKER, GA	TD DRAWN JCG TECH. REVIEW DATE 2010 MAY 25	S1	LIFT ALTERATIONS PLANS & DETAILS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	489 80034 PKG. NO. MALU 1559 80A SHEET 9 OF 16

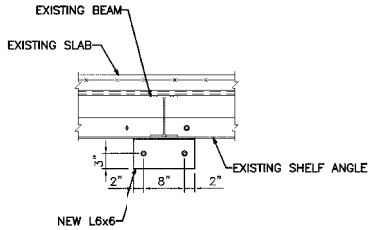
UNITED STATES DEPARTMENT OF THE INTERIOR / NATIONAL PARK SERVICE / SOUTHEAST REGION / ARCHITECTURE BRANCH - 100 ALABAMA STREET SW ATLANTA, GA 30303-3104



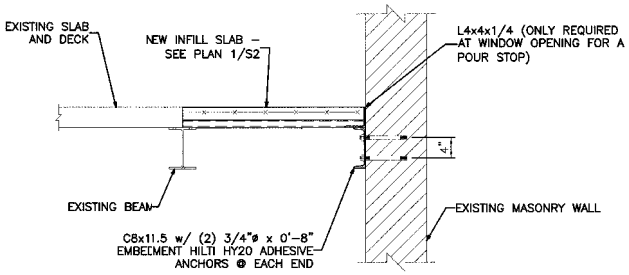
6/S2 SECTION EDGE OF SLAB AT VESTIBULE LEVEL
SCALE: A



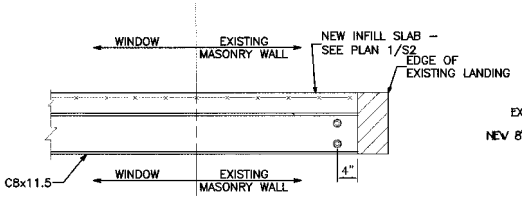
7/S2 SECTION NEW SUPPORT AT VESTIBULE
SCALE: A



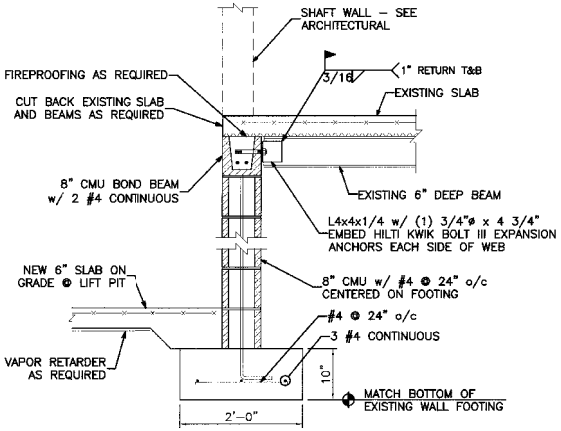
8/S2 SECTION NEW SUPPORT AT VESTIBULE
SCALE: A



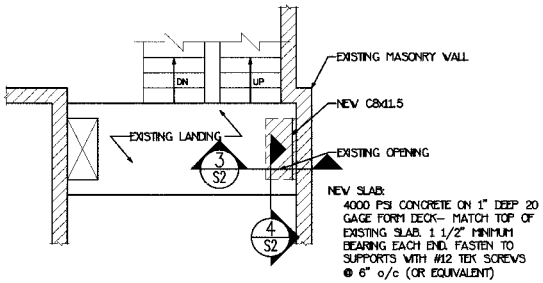
3/S2 SECTION INTERMEDIATE LANDING BETWEEN BALCONY & SANCTUARY
SCALE: A



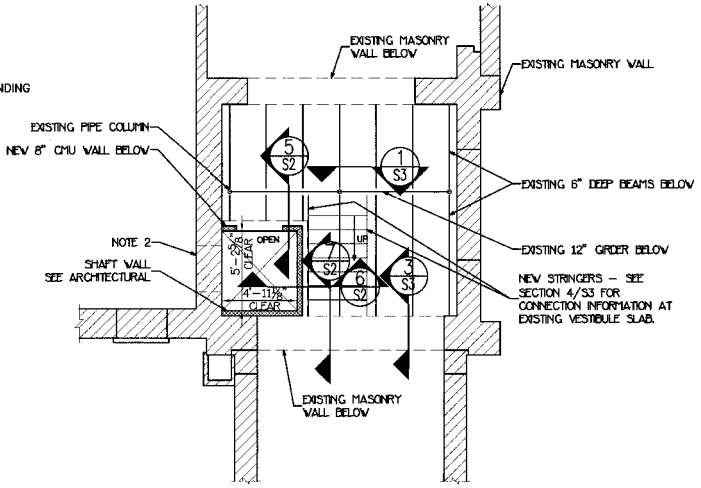
4/S2 SECTION INTERMEDIATE LANDING BETWEEN BALCONY AND SANCTUARY
SCALE: A



5/S2 SECTION NEW CMU SHAFT WALL
SCALE: A



1/S2 PLAN VIEW INFILL AT INTERMEDIATE LANDING BETWEEN BALCONY AND SANCTUARY
SCALE: B



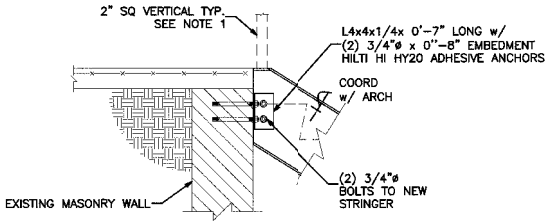
2/S2 PLAN VIEW VESTIBULE LEVEL
SCALE: B

NOTES:
1. CLEAN AND REMOVE ALL RUST FROM STEEL FRAMING SUPPORTING VESTIBULE FLOOR. RE-PAINT WITH A RUST PROHIBITING PAINT. IF ANY STEEL IS DAMAGED BEYOND REPAIR NOTIFY ENGINEER FOR REPAIR DETAIL(S).
2. REUSE EXISTING OPENING IN MASONRY WALL. IF THERE IS ANY QUESTION ABOUT ADEQUACY OF THE EXISTING LINTEL CONTACT STRUCTURAL ENGINEER.

A 1 0 1 2 SCALE OF FEET
B 4 0 4 8 SCALE OF FEET

A/E FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT: PALMER ENG. CO. TUCKER, GA	DESIGNED: TD DRAWN: JGG TECH. REVIEW: DATE: 2010 MAY 25	SUB SHEET NO. S2	TITLE OF SHEET: LIFT ALTERATIONS PLANS & DETAILS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	DRAWING NO. 489/80034 PKG. NO. MALU 1559 80A SHEET 10 OF 16

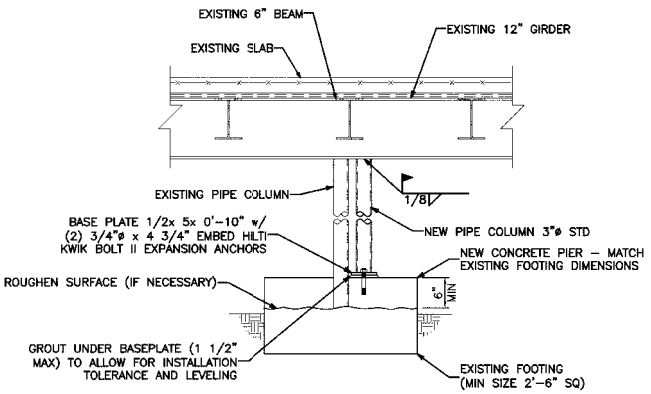
APPENDICES 202



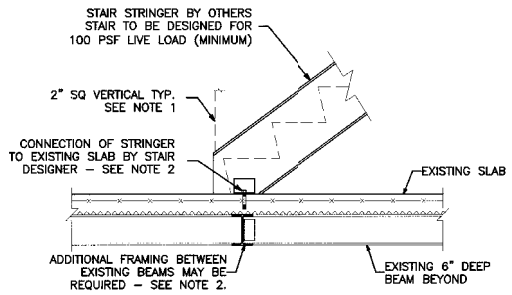
NOTE 1
STAIR DESIGNER/MANUFACTURER TO PROVIDE 2" SQUARE TUBES AS VERTICALS (32" TALL) AT EACH END OF STRINGER AND AT 4'-0" MAX BETWEEN FOR GUARDRAIL/WALL SUPPORT.

3/S3 SECTION — NEW STRINGER CONNECTION AT EXISTING MASONRY WALL
SCALE: A

SEE 2/S3 FOR NEW STRINGER CONNECTION AT EXISTING EDGE CHANNEL



1/S3 SECTION — NEW COLUMN AT VESTIBULE
SCALE: A

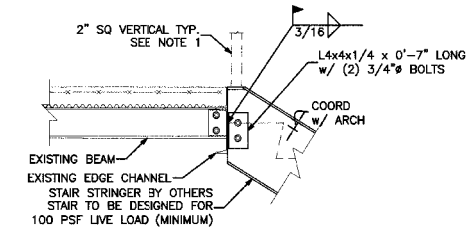


NOTES:

1. STAIR DESIGNER/MANUFACTURER TO PROVIDE 2" SQUARE TUBES AS VERTICALS (32" TALL) AT EACH END OF STRINGER AND AT 4'-0" MAX BETWEEN FOR GUARDRAIL/WALL SUPPORT.

2. REINFORCING OF EXISTING FLOOR MAY BE REQUIRED UNDER NEW STRINGERS. ONCE EXACT LOCTON OF STRINGER IS KNOWN CONTACT STRUCTURAL ENGINEER FOR DETAIL (IF REQUIRED).

4/S3 SECTION — NEW STRINGER CONNECTION AT EXISTING VESTIBULE FLOOR
SCALE: A



NOTE 1
STAIR DESIGNER/MANUFACTURER TO PROVIDE 2" SQUARE TUBES AS VERTICALS (32" TALL) AT EACH END OF STRINGER AND AT 4'-0" MAX BETWEEN FOR GUARDRAIL/WALL SUPPORT.

2/S3 SECTION — NEW STRINGER CONNECTION AT EXISTING STEEL EDGE BEAM
SCALE: A

SEE 3/S3 FOR NEW STRINGER CONNECTION AT EXISTING MASONRY WALL

GEORGIA REGISTERED PROFESSIONAL ENGINEER — No. 24382 — PROFESSIONAL ENGINEER — 5/25/2010

A 1 0 1 2 SCALE OF FEET

B 4 0 4 8 SCALE OF FEET

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PREP: LORD, AECK & SARGENT ATLANTA GA CONSULTANT: PALMER ENG. CO. TUCKER, GA	TD DRAWN: JGG TECH. REVIEW: DATE: 2010 MAY 25	S3	LIFT ALTERATIONS PLANS & DETAILS EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	489 80034 PKG. NO. MALU 1559 80A SHEET 11 OF 16

APPENDICES 204

STRUCTURAL GENERAL NOTES

1. GENERAL
   A. ALL CONSTRUCTION SHALL CONFORM TO THE 2006 INTERNATIONAL BUILDING CODE WITH GEROGIA AMENDMENTS. REFERENCE TO OTHER STANDARD SPECIFICATIONS OR CODES SHALL MEAN THE LATEST STANDARD OR CODE ADOPTED AND PUBLISHED
   B. THESE NOTES SHALL APPLY EXCEPT WHERE INDICATED OTHERWISE BY DRAWINGS OR SPECIFICATIONS. A DETAIL SHOWN FOR ONE CONDITION SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS EVEN THOUGH NOT SPECIFICALLY INDICATED ON THE DRAWINGS.
   C. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, RESHORING, TEMPORARY SUPPORTS AND ALL OTHER MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION.
   D. MANUFACTURED ITEMS INCLUDING BUT NOT LIMITED TO ITEMS MANUFACTURED BY SIMPSON STRONG-TIE, MULTI FASTENING SYSTEMS, AND UNISTRUT METAL FRAMING SYSTEMS SHALL BE PROVIDED IN STRICT CONFORMANCE WITH MANUFACTURERS' SPECIFICATIONS AND INSTALLED IN CONFORMANCE WITH ALL MANUFACTURERS REQUIREMENTS.

2. DEMOLITION AND STRUCTURAL STABILIZATION
   A. THE NATURE OF STRUCURAL DEMOLITION AND STABILIZATION IS INHERENTLY UNCERTAIN. THE EXACT CONDITION AND CAPACITY OF EACH STRUCTURAL ELEMENT CANNOT BE VERIFIED PRIOR TO THE COMMENCEMENT OF WORK. AS A RESULT, IT IS IMPERATIVE TO REPORT ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS, AS WELL AS ANY ELEMENT OF QUESTIONABLE STRUCTURAL INTEGRITY IMMEDIATELY TO THE CONTRACTING OFFICER FOR REVIEW.
   B. NO ATTEMPT HAS BEEN MADE TO DEFINE EACH SPECIFIC STRUCTURAL ELEMENT THAT MUST BE REMOVED, REINFORCED, OR REPLACED IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THE CONDITION OF INDIVIDUAL ELEMENTS, PARTICULARLY FLOOR JOISTS, CEILING JOISTS, BEAMS, AND STRUCTURAL DECK BOARDS, TO DETERMINE WHICH PIECES CAN BE SALVAGED, WHICH MUST BE REPLACED, AND WHICH ELEMENTS ARE QUESTIONABLE. THE CONTRACTOR SHOULD CONSULT WITH THE CONTRACTING OFFICER TO DETERMINE THE APPROPRIATE PROCEDURE FOR HANDLING ELEMENTS IN QUESTIONABLE CONDITION.
   C. CERTAIN CRITICAL CONDITIONS OF THE EXISTING STRUCTURE ALONG WITH NECESSARY REPAIRS AND REINFORCEMENT CANNOT BE IDENTIFIED UNTIL THE CONSTRUCTION PHASE BEGINS AND EXISTING FINISHES CAN BE PARTIALLY OR WHOLLY REMOVED FOR EXAMINATION OF THE EXISTING STRUCTURE.
   D. ALL DEMOLITION, DISMANTLING OR REMOVAL OF EXISTING MATERIAL AND COMPONENTS, WHETHER TO BE SALVAGED, DISCARDED OR REPLACED MUST BE UNDERTAKEN WITH ALL POSSIBLE CARE AND IN STRICT COMPLIANCE WITH ARCHITECTURAL DEMOLITION SPECIFICATIONS SO AS TO MINIMIZE DAMAGE TO THE EXISTING HISTORIC FABRIC OF THE BUILDING AND ITS COMPONENTS.

3. EXISTING CONDITIONS
   A. RENOVATION OF EXISTING STRUCTURE REQUIRES THOROUGH COORDINATION OF CONTRACT DRAWINGS WITH EXISTING CONDITIONS. THE CONTRACTOR MUST VERIFY ALL RELEVANT EXISTING CONDITIONS, DIMENSIONS AND DETAILS PRIOR TO BEGINNING CONSTRUCTION. ANY DEVIATIONS FROM THOSE CONDITIONS OR DIMENSIONS SHOWN ON THE DRAWINGS MUST BE REPORTED TO THE CONTRACTING OFFICER FOR REVIEW OF THE DESIGN AND POSSIBLE REVISION OF THE CONTRACT DRAWINGS.
   B. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS BEFORE STARTING WORK. NOTIFY CONTRACTING OFFICER IN WRITING OF ANY DISCREPANCY.

4. STRUCTURAL LUMBER
   A. ALL FASTENING NOT INDICATED ON PLANS AND DETAILS SHALL BE IN ACCORDANCE WITH 2304.9.1 OF THE 2006 INTERNATIONAL BUILDING CODE.

5. FOUNDATION
   A. FOUNDATION DESIGN IS BASED ON A PRESUMPTIVE NET ALLOWABLE SOIL BEARING CAPACITY OF 2000 PSF.
   B. BEARING CAPACITY SHALL BE VERIFIED AT THE TIME OF EXCAVATION, AND IF THE CONDITION OF THE SOIL INDICATES A SAFE BEARING CAPACITY OF LESS THAN 2000 PSF THE CONTRACTING OFFICE SHALL BE NOTIFIED AND THE FOOTINGS REVISED, IF NECESSARY.
   C. WALL FOOTING SHALL BE POURED MONOLITHICALLLY WITH ADJACENT FOOTINGS AT THE SAME ELEVATIONS.
   D. ALL FOOTINGS SHALL BEAR ON ORIGINAL UNDISTRUBED SOIL WHERE POSSIBLE.
   E. ALL FILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR. MAXIMUM UNCOMPACTED LIFT IS 6"

6. DESIGN LOADS
   A. LIVE LOAD 100 PSF
   B. NO MODIFICATIONS ARE BEING MADE TO THE EXISTING LATERAL SYSTEM.

7. MASONRY
   A. CONCRETE MASONRY DESIGN AND CONSTRUCTION SHALL CONFORM TO ACI 530-05/ASCE 5-05/TMS 402-05, BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES AND ACI 530.1-05/ASCE 6-05/TMS 602-05, SPECIFICATIONS FOR CONCRETE MASONRY STRUCTURES.
   B. LOAD BEARING MASONRY WALLS ARE DESIGNED IN ACCORDANCE WITH CHAPTERS 1 AND 2 OF ACI 530.
   C. CONCRETE MASONRY UNITS SHALL BE LIGHT-WEIGHT HOLLOW LOAD BEARING UNITS ASTM C90 GRADE N, TYPE II, F'M OF 1500 PSI AND A NET STRENGTH OF 2000 PSI ON NET CROSS SECTIONAL AREA OF CMU DETERMINED IN ACCORDANCE WITH ASTM C140.
   D. MORTAR SHALL COMPLY WITH ASTM C270, TYPE M OR S. STANDARD MORTAR BED JOINT THICKNESS SHALL BE 3/8" AND IN NO CASE SHALL EXCEED 5/8" THICKNESS.
   E. PROVIDE GROUT FOR REINFORCED MASONRY IN ACCORDANCE WITH ASTM C476 WITH MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI UNLESS NOTED OTHERWISE. PEA GRAVEL CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI MAY BE USED IN LIEU OF GROUT ONLY WITH THE APPROVAL OF THE CONTRACTING OFFICER.
   F. LAY MASONRY UNITS IN RUNNING BOND UNLESS NOTED OTHERWISE.
   G. PROVIDE LADDER TYPE HORIZONTAL JOINT REINFORCEMENT COMPLYING WITH ASTM A82, NUMBER 9 GAGE OR HEAVIER, ZINC COATED, PLACED 16" ON CENTER UNLESS NOTED OTHERWISE. USE PREFABRICATED L'S AND T'S AT CORNERS AND INTERSECTIONS. LAP REINFORCEMENT 12 INCHES MINIMUM.
   H. FOR GROUTED WALLS, THE MAXIMUM HEIGHT OF GROUT LIFTS MUST NOT EXCEED 5'-0". THE MAXIMUM UNGROUTED HEIGHT OF 8" OR THICKER CMU WALLS PRIOR TO GROUTING MUST NOT EXCEED 12'-0". REFER TO TABLE 7 OF ACI 530.1 FOR THE MAXIMUM UNGROUTED HEIGHT OF CMU WALLS THINNER THAN 8". CONSOLIDATE AND RECONSOLIDATE GROUT IN ACCORDANCE WITH PARAGRAPH 3.5.E OF ACI 530.1. VALLS HIGHER THAN 5'-0" MUST HAVE INSPECTION HOLES AT THE BASE OF THE WALL.
   I. LAP VERTICAL MASONRY WALL REINFORCING AS FOLLOWS:
      #4 BARS 25"
      #5 BARS 31"

GEORGIA REGISTERED No. 29409 PROFESSIONAL ENGINEER J. BANKESH M. RAZEE
5/25/2010

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
FIRM: LORD, AECK & SARGENT ATLANTA GA CONSULTANT: PALMER ENG. CO. TUCKER, GA	TD DRAWN: JGG TECH. REVIEW: DATE: 2010 MAY 25	S4	STRUCTURAL GENERAL NOTES EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	489 80034 PROJ. NO. MALU 1559 80A SHEET 12 OF 16

ELECTRICAL LEGEND

RACEWAY CONCEALED IN FLOOR OR UNDERGROUND.

RACEWAY CONCEALED IN CEILING CAVITY OR WALL.

RACEWAY EXPOSED TO VIEW UNLESS OTHERWISE NOTED.

FLEXIBLE RACEWAY.

RACEWAY HOMERUN TO PANEL, ONE ARROWHEAD PER CIRCUIT.

WIRES AND CABLES

3 WIRES #12 AWG IN CABLE OR CONDUIT, EXCLUDING GROUNDING CONDUCTOR.
NOTE: NUMBER OF CROSS HATCHES INDICATES NUMBER OF #12 AWG CONDUCTORS, LESS GROUNDING CONDUCTOR. SHORT CROSS HATCH = PHASE CONDUCTOR. LONG CROSS HATCH = NEUTRAL. NO CROSS HATCHES INDICATES 2 #12 AWG EXCLUDING GROUNDING CONDUCTOR IN CABLE OR CONDUIT.

BOXES AND WIRING DEVICES

(J) JUNCTION BOX, ABOVE CEILING.

(J)H JUNCTION BOX, WALL-MOUNTED. MOUNT 18" AFF, UNLESS OTHERWISE NOTED.

S WALL SWITCH, SINGLE-POLE, SINGLE-THROW. MOUNT 48" AFF, UNLESS OTHERWISE NOTED.

PUSH-TO-ENTER BUTTON (BY OTHERS). MOUNT 48" AFF, UNLESS OTHERWISE NOTED.

DISCONNECTS

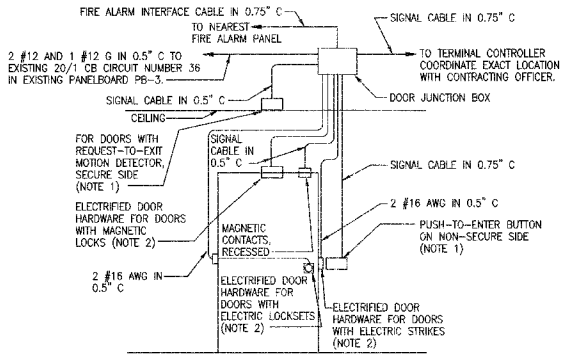
30/3/20/3R DISCONNECT SWITCH, SIZE/POLES/FUSE/ENCLOSURE TYPE IF OTHER THAN NEMA 1. MOUNT 48" AFF, UNLESS OTHERWISE NOTED.

ABBREVIATIONS

AFF/AFC/ARF	ABOVE FINISHED FLOOR/GRADE/RAISED FLOOR
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CLG	CEILING
COL	COLUMN
F	FUSED
NF	NONFUSIBLE

GENERAL NOTES:

1. SHIFT ONE EXISTING LUMINAIRE ON THE LANDING BETWEEN ENTRY LEVEL AND SANCTUARY LEVEL EAST OF ITS CURRENT LOCATION TO COORDINATE WITH NEW LIFT SHAFT.
2. RELOCATE ONE EXISTING RECEPTACLE CONNECTED TO CIRCUIT PB3-12 LOCATED ON THE STAIR RISERS BETWEEN ENTRY LEVEL AND SANCTUARY LEVEL TO SAME LOCATION ON NEW STAIRS.



1 E0 **SECURED SINGLE DOORS**
NO SCALE

NOTES:
1. COORDINATE EXIT DEVICE TYPES WITH ACCESS CONTROL SCHEDULE.
2. COORDINATE WITH DIVISION 8 FOR SPECIFIC LOCATIONS USING ELECTRIC LOCKSETS, ELECTRIC STRIKES, OR MAGNETIC LOCKS.
4. LOCATE THE DOOR JUNCTION BOX IN AN ACCESSIBLE LOCATION. WHERE THE CEILING ADJACENT TO THE DOOR IS INACCESSIBLE, LOCATE THE BOX ABOVE THE CEILING IN THE NEAREST ADJACENT SPACE WITH AN ACCESSIBLE CEILING.

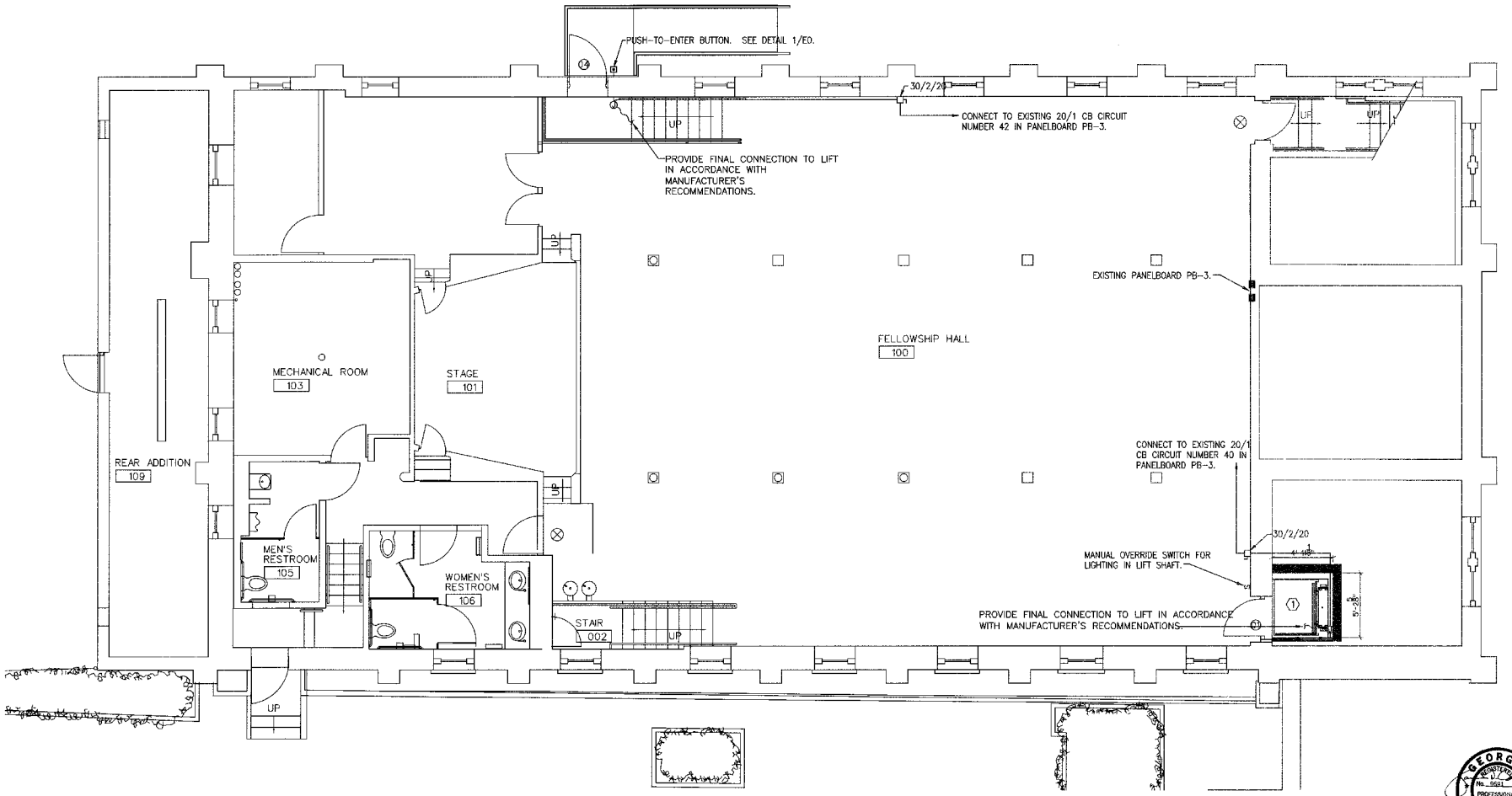
APPENDICES 205

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES

GEORGIA REGISTERED No. 19001 PROFESSIONAL ENGINEER JAMES W. COSTLEY, JR.

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.	SLT	E0	ELECTRICAL LEGEND, ABBREVIATIONS, NOTES, AND DETAILS	489 80.034
CONSULTANT: Newcomb & Boyd	DRAWN ROD		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. MALU 1599 80_A
	TECH. REVIEW 04/21/2010			SHEET 13 OF 16
	DATE 05/25/2010			

FILE: G:\PROJECTS\MALU 489 EBENEZER PLACE\CAD\E1-1-ELEC LIFT PANEL ELEC-ELECTRICAL LEGEND ABBREVIATIONS NOTES AND DETAILS.DWG
PLOT DATE: 05/25/2010
PLOT TIME: 10:44:58 PM
PLOT BY: SLT



GEORGIA REGISTERED No. 24611 PROFESSIONAL ENGINEER JAMES H. COSTLEY, JR.

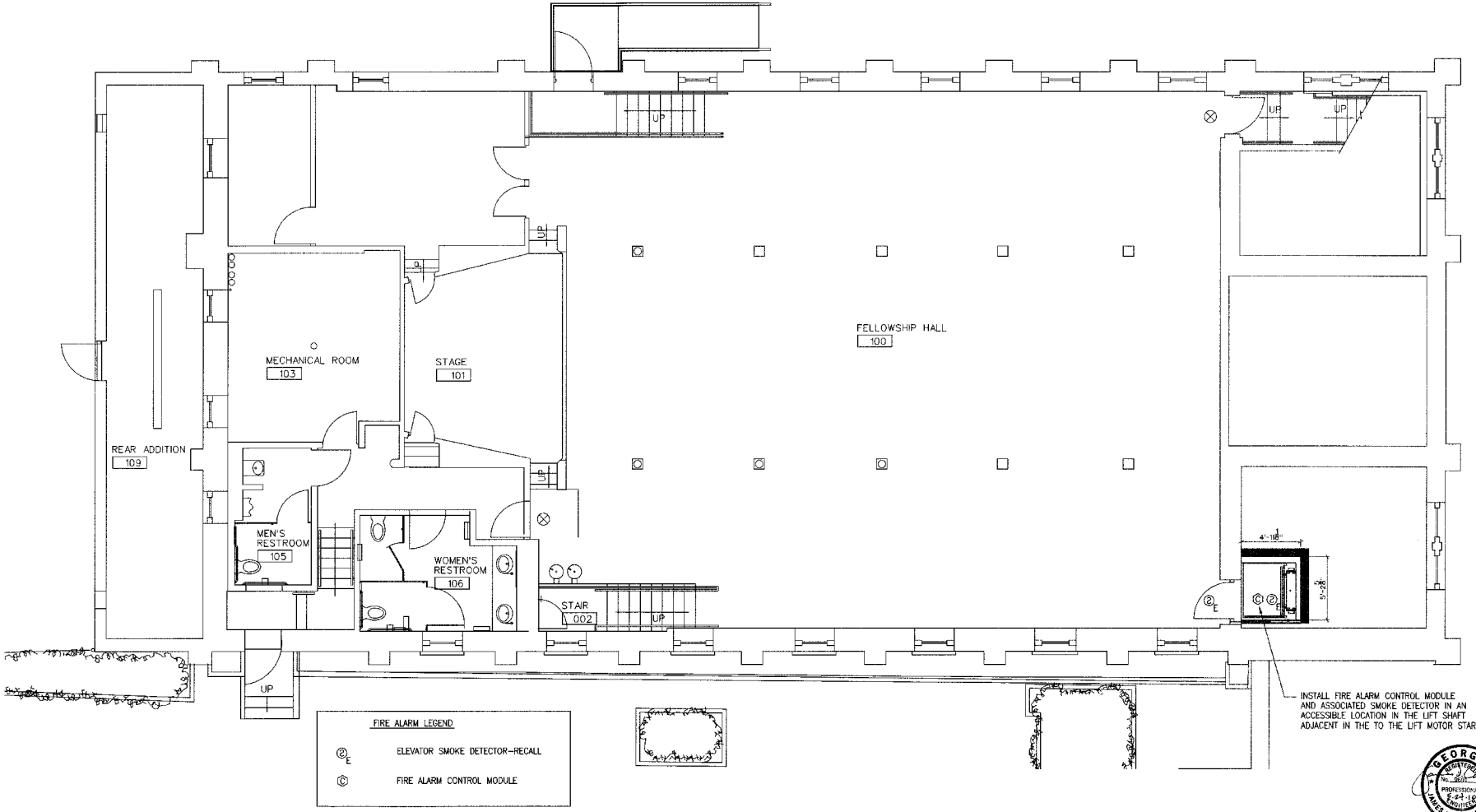
MATERIAL KEYNOTES	GENERAL NOTES

SHEET SPECIFIC NOTES

(1) PROVIDE TWO JUNCTION BOXES 6" OC WITH KEYLESS PORCELAIN SOCKETS CENTERED AT THE TOP OF THE LIFT SHAFT FOR LIGHTING. INSTALL TWO CREE LRP-38 LED PAR38 LAMPS. PROVIDE A LINE VOLTAGE ULTRASONIC OCCUPANCY SENSOR AT THE TOP OF THE SHAFT TO TURN LIGHTS OFF WHEN THE SHAFT IS NOT OCCUPIED. OCCUPANCY SENSOR SHALL BE BY WATTSTOPPER, HUBBELL BUILDING AUTOMATION OR LEVITON. CONNECT SHAFT LIGHTING TO EXISTING 20/1 CB CIRCUIT NUMBER 38 IN EXISTING PANELBOARD PB-3.

4 0 4 8
SCALE OF FEET

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA. CONSULTANT: Newcomb & Boyd	SLT DRAWN: ROD TECH. REVIEW: 04/21/2010 DATE: 05/25/2010	E1	ELECTRICAL PLAN- FELLOWSHIP HALL EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	489 80,034 PKG. NO: MALU 1559 80_A SHEET: 14 OF 16

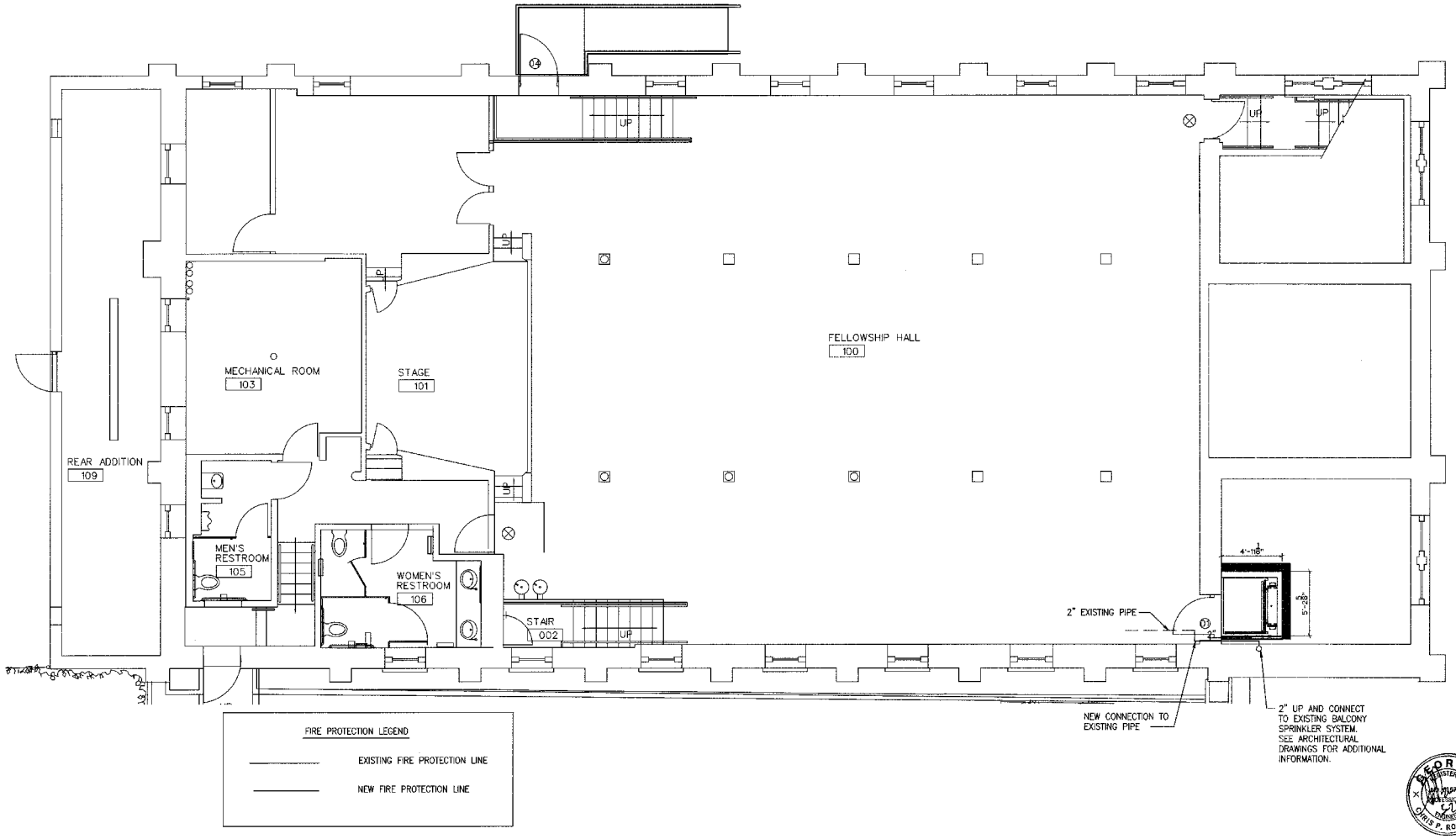


GEORGIA REGISTERED No. 0870 PROFESSIONAL ENGINEER JAMES R. COSTLEY, JR.

SCALE OF FEET 4 0 4 8

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES
		NOTES: 1– ALL WORK ASSOCIATED WITH FIRE ALARM SHALL COMPLY WITH NFPA 72– 2007. 2– FIRE ALARM IMPAIRMENT SHALL BE FULLY COORDINATED WITH BUILDING MANAGER. 3– REPROGRAM EXISTING FIRE ALARM CONTROL PANEL TO CONNECT EXISTING SMOKE DETECTORS TO PERFORM ELEVATOR RE–CALL LOCATED ON ENTRY LEVEL AND SANCTUARY LEVEL. 4– SMOKE DETECTORS SHALL BE LOCATED WITHIN 5'–00" OF ELEVATOR DOORS. 5– DO NOT LEAVE FIRE ALARM SYSTEM DISCONNECTED OVERNIGHT.

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.	MAR	F A	FELLOWSHIP HALL FIRE ALARM	489 80,034
CONSULTANT: Newcomb & Boyd	DRAWN: MAR		FRENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. MALU 1559 80 A
	TECH. REVIEW: 04/21/2010			SHEET 15 OF 16
	DATE: 05/25/2010			



GEORGIA REGISTERED PROFESSIONAL ENGINEER CHRIS P. ROUSSEAU

MATERIAL KEYNOTES	GENERAL NOTES	SHEET SPECIFIC NOTES
		NOTES: 1– ALL WORK ASSOCIATED WITH FIRE PROTECTION SHALL COMPLY WITH NFPA 13–2007. 2– FIRE PROTECTION IMPAIRMENT SHALL BE FULLY COORDINATED WITH BUILDING MANAGER. 3– DO NOT LEAVE SPRINKLER SYSTEM DISCONNECTED OVERNIGHT.

4 0 4 8
SCALE OF FEET

A/E FIRM	DESIGNED	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: LORD, AECK & SARGENT, INC. ATLANTA, GA.	MAR	FP	FELLOWSHIP HALL FIRE PROTECTION	489 80,034
CONSULTANT: Newcomb a Boyd	DRAWN: MAR		EBENEZER BAPTIST CHURCH MLK JR. NATIONAL HISTORIC SITE	PKG. NO. MALU 1559 80_A
	TECH REVIEW: 04/21/2010			SHEET 16 OF 16
	DATE: 05/25/2010			