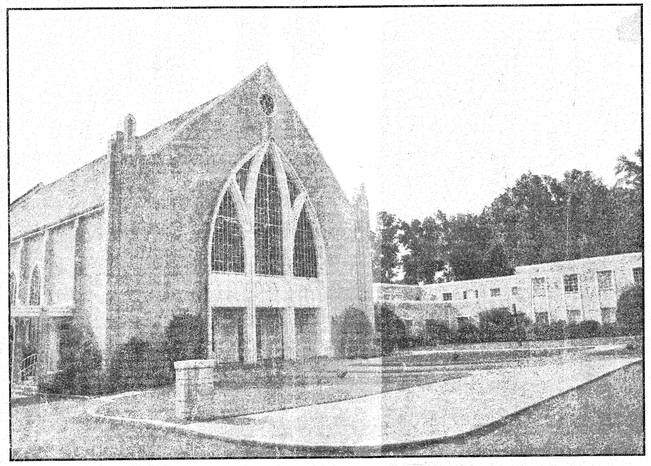
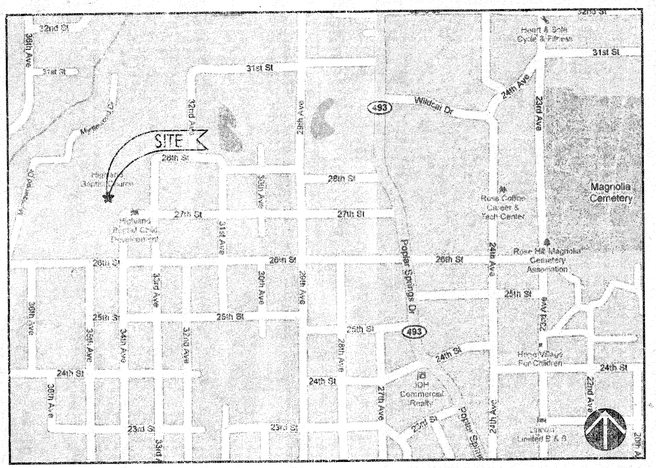
HIGHLAND BAPTIST CHURCH - PHASE 3

RENOVATIONS

MERIDIAN, MISSISSIPPI



Highland Baptist Church
Meridian, MS



3400 27th Street
Meridian, MS 39305

HIGHLAND BAPTIST CHURCH
VICINITY MAP

PROJECT TEAM:

OWNER:
HIGHLAND BAPTIST CHURCH:
3400 27th Street
Meridian, Mississippi 39305
601.482.0191

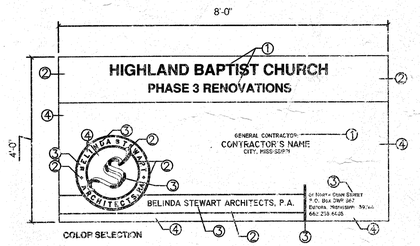
ARCHITECT:
BELINDA STEWART ARCHITECTS, P.A.
P.O. Box 867
61 N Dunn Street
Eupora, MS 39744
662.258.6405
662.258.6452 fax

ELECTRICAL ENGINEER:
THE POWER SOURCE, PLLC
CONSULTING ENGINEERS
CHRIS GREEN, PE
945 Madison Avenue
Madison, MS 39110
601.605.4820
601.605.4875 Fax

STRUCTURAL ENGINEER:
JENKINS ENGINEERING, INC.
Mark Watson, P.E.
P.O. Box 2101
218 S Thomas Street, Ste. 209
Tupelo, MS 38803
662-840-1233

MECHANICAL ENGINEER:
TOMPKINS DESIGN GROUP, PLLC
Genene Johnston, P.E.
6520 Dogwood View Parkway
Jackson, MS 39213
601.362.0345

SHEET INDEX:



① BLACK LETTERS
② BACKGROUND - SHERWIN-WILLIAMS #SW6012 (EMPIRE GOLD)
③ BACKGROUND - SHERWIN-WILLIAMS #SW2848 (TIMBERIDGE)
④ WHITE

PROJECT SIGN
NOT TO SCALE

ISSUE DATE: 3/22/11

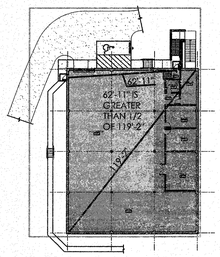
BELINDA STEWART ARCHITECTS, P.A.

61 North Dunn Street, P.O. Box 867

Eupora, Mississippi 39744 662.258.6405

CODE PLAN LEGEND:	
	WORK AREA
	ALTERNATES
	LEVEL 2 ALTERATIONS
	OCCUPANCY CLASSIFICATION
EXIT PATH	
	NEW WALL
	NEW WALL WITH TRANSOM WINDOWS
	LINE OF FIRE SEPARATION

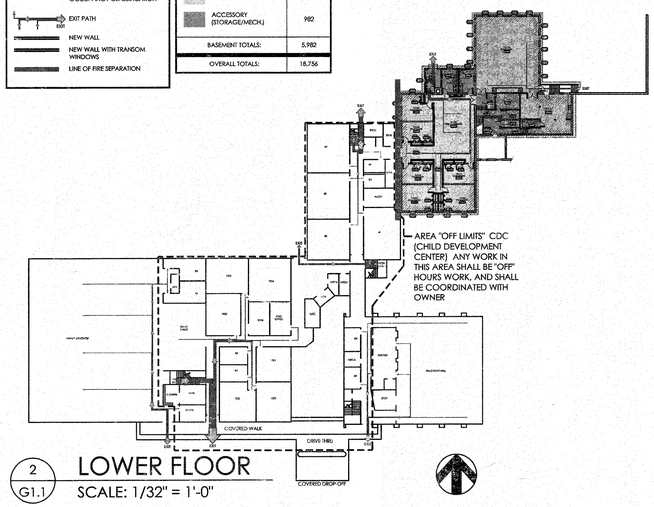
LOWER FLOOR - SQUARE FOOTAGE:	
OCCUPANCY:	SQUARE FOOTAGE:
A-3 ASSEMBLY (CHURCH COMMUNITY SPACE)	3,633
B - BUSINESS	--
E - EDUCATIONAL	--
ACCESSORY (STORAGE/MECH.)	3,342
SUB-BASEMENT TOTALS:	6,975
OVERALL TOTALS:	18,756



1 / G1.1 BASEMENT FLOOR
SCALE: 1/32" = 1'-0"

CODE PLAN LEGEND:	
	WORK AREA
	ALTERNATES
	LEVEL 2 ALTERATIONS
	OCCUPANCY CLASSIFICATION
EXIT PATH	
	NEW WALL
	NEW WALL WITH TRANSOM WINDOWS
	LINE OF FIRE SEPARATION

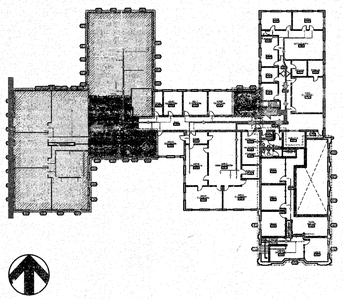
LOWER FLOOR - SQUARE FOOTAGE:	
OCCUPANCY:	SQUARE FOOTAGE:
A-3 ASSEMBLY (CHURCH COMMUNITY SPACE)	2,228
B - BUSINESS	--
E - EDUCATIONAL	2,772
ACCESSORY (STORAGE/MECH.)	982
BASEMENT TOTALS:	5,982
OVERALL TOTALS:	18,756



2 / G1.1 LOWER FLOOR
SCALE: 1/32" = 1'-0"

CODE PLAN LEGEND:	
	WORK AREA
	FUTURE
	LEVEL 2 ALTERATIONS
	OCCUPANCY CLASSIFICATION
EXIT PATH	
	NEW WALL
	NEW WALL WITH TRANSOM WINDOWS
	LINE OF FIRE SEPARATION

UPPER FLOOR - SQUARE FOOTAGE:	
OCCUPANCY:	SQUARE FOOTAGE:
A-3 ASSEMBLY (CHURCH COMMUNITY SPACE)	--
B - BUSINESS	--
E - EDUCATIONAL	4,630 (NET)
ACCESSORY (STORAGE/MECH.)	1,169
2nd FLOOR TOTALS:	5,799
OVERALL TOTALS:	18,756



3 / G1.1 UPPER FLOOR
SCALE: 1/32" = 1'-0"

PLUMBING REQUIREMENTS:

Phase 3 Only:										
	Total Occupant Loads:	Water Closets:				Lavatories:				Drinking Fountains:	
		Per Occupant		Needed		Per Occupant		Needed		Per Occupant	Needed
		Male	Female	Male	Female	Male	Female	Male	Female		
A-3 Assembly	493	1 per 125	1 per 65	2	4	1 per 200		2	2	1 per 500	1
B - Business	47	1/25 for the first 50, 1/50 after		1	1	1/40 for the first 80, 1/80 after		1	1	1 per 100	1
E - Education	371	1 per 50		4	4	1 per 50		4	4	1 per 100	4
Totals:	911	-		7	9	-		7	7	-	6

OCCUPANT LOADS:

Phase 3 Only:					
	Occupancy Type:	Square Footage		Occupants Per Sq. Ft:	Total Occupant
		Gross	Net		
Lower Floor:	A-3 - Assembly	-	4,904	15 Net	327
	B - Business	-	-	100 Gross	-
	E - Education	-	2,772	20 Net	139
	Storage/Support	982	-	-	-
Main Floor:	A-3 Assembly	-	2,478	15 Net	166
	B - Business	2,670	-	100 Gross	27
	E - Education	-	-	20 Net	-
	Storage/Support	931	-	-	-
Upper Floor:	A-3 Assembly	-	-	15 Net	-
	B - Business	1,920	-	100 Gross	20
	E - Education	-	4,630	20 Net	232
	Storage/Support	1,216	-	-	-
Totals:	A-3 Assembly	7,382		15 Net	493
	B - Business	4,590		100 Gross	47
	E - Education	7,402		20 Net	371
	Storage/Support	3,129			
	Total:	22,503		-	911

INTERNATIONAL BUILDING CODE BUILDING REQUIREMENTS:

-USE OCCUPANCY CLASSIFICATION

305.1 EDUCATIONAL GROUP E: EDUCATIONAL GROUP E OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE, OR A PORTION THEREOF, BY SIX OR MORE PERSONS AT ANY ONE TIME FOR EDUCATIONAL PURPOSES THROUGH THE 12TH GRADE. RELIGIOUS EDUCATIONAL ROOMS AND RELIGIOUS AUDITORIUMS, WHICH ARE ACCESSORY TO PLACES OF RELIGIOUS WORSHIP IN ACCORDANCE WITH SECTION 508.3.1 AND HAVE OCCUPANT LOADS OF LESS THAN 100, SHALL BE CLASSIFIED AS A-3 OCCUPANCIES.

503.1 GENERAL: THE HEIGHT AND AREA FOR BUILDINGS OF DIFFERENT CONSTRUCTION TYPES SHALL BE GOVERNED BY THE INTENDED USE OF THE BUILDING AND SHALL NOT EXCEED THE LIMITS IN TABLE 503 EXCEPT AS MODIFIED HEREAFTER. EACH PART OF A BUILDING INCLUDED WITHIN THE EXTERIOR WALLS OR THE EXTERIOR WALLS AND FIRE WALLS WHERE PROVIDED SHALL BE PERMITTED TO BE A SEPARATE BUILDING.

-TYPE II-B, ALLOWABLE BUILDING HEIGHT: 65', ALLOWABLE STORIES: 3, -ALLOWABLE SQUARE FOOTAGE PER STORY: 15,500 SQ. FT.

TABLE 601 - ALL ELEMENTS REQUIRED TO HAVE 0 RATING.

SINCE THIS IS AN EXISTING, OCCUPIED BUILDING, OCCUPANCY IS NOT CHANGING. THE HEIGHT AND AREA REQUIREMENTS DO NOT APPLY.

ENTIRE COMPLEX BUILDING SQUARE FOOTAGE: 85,895 SQ.FT. , 3 FLOORS.

WORK AREA BASEMENT: 7,006 SQ.FT.
WORK AREA FIRST FLOOR: 8,746 SQ.FT.
WORK AREA SECOND FLOOR: 7,766 SQ.FT.
TOTAL WORK AREA: 23,518 SQ.FT.

ZONE TO FW (NOT INC. CHAPEL): 7,006 SQ.FT.
ZONE TO FW (NOT INC. CHAPEL): 19,212 SQ.FT.
ZONE TO FW (NOT INC. CHAPEL): 12,832 SQ.FT.

EXISTING BUILDING REQUIREMENTS

102.6 EXISTING STRUCTURES.

THE LEGAL OCCUPANCY OF ANY STRUCTURE EXISTING ON THE DATE OF ADOPTION OF THIS CODE SHALL BE PERMITTED TO CONTINUE WITHOUT CHANGE, EXCEPT AS IS SPECIFICALLY COVERED IN THIS CODE, THE INTERNATIONAL PROPERTY MAINTENANCE CODE OR THE INTERNATIONAL FIRE CODE, OR AS IS DEEMED NECESSARY BY THE BUILDING OFFICIAL FOR THE GENERAL SAFETY AND WELFARE OF THE OCCUPANTS AND THE PUBLIC.

3401.3 COMPLIANCE WITH OTHER CODES.

ALTERATIONS, REPAIRS, ADDITIONS AND CHANGES OF OCCUPANCY TO EXISTING STRUCTURES SHALL COMPLY WITH THE PROVISIONS FOR ALTERATIONS, REPAIRS, ADDITIONS AND CHANGES OF OCCUPANCY IN THE INTERNATIONAL FIRE CODE, INTERNATIONAL FUEL GAS CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL PLUMBING CODE, INTERNATIONAL PROPERTY MAINTENANCE CODE, INTERNATIONAL PRIVATE SEWAGE DISPOSAL CODE, INTERNATIONAL RESIDENTIAL CODE AND ICC ELECTRICAL CODE.

3403.1 EXISTING BUILDINGS OR STRUCTURES.

ADDITIONS OR ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE CODE FOR NEW CONSTRUCTION. ADDITIONS OR ALTERATIONS SHALL NOT BE MADE TO AN EXISTING BUILDING OR STRUCTURE THAT WILL CAUSE THE EXISTING BUILDING OR STRUCTURE TO BE IN VIOLATION OF ANY PROVISIONS OF THIS CODE. AN EXISTING BUILDING PLUS ADDITIONS SHALL COMPLY WITH THE HEIGHT AND AREA PROVISIONS OF CHAPTER 5. PORTIONS OF THE STRUCTURE NOT ALTERED AND NOT AFFECTED BY THE ALTERATION ARE NOT REQUIRED TO COMPLY WITH THE CODE REQUIREMENTS FOR A NEW STRUCTURE.

3403.2.3.2 ALTERATIONS.

ALTERATIONS ARE PERMITTED TO BE MADE TO ANY STRUCTURE WITHOUT REQUIRING THE STRUCTURE TO COMPLY WITH SECTION 1613, PROVIDED THE ALTERATIONS CONFORM TO THE REQUIREMENTS FOR A NEW STRUCTURE. ALTERATIONS THAT INCREASE THE SEISMIC FORCE IN ANY EXISTING STRUCTURAL ELEMENT BY MORE THAN 10 PERCENT CUMULATIVE SINCE THE ORIGINAL CONSTRUCTION OR DECREASE THE DESIGN STRENGTH OF ANY EXISTING STRUCTURAL ELEMENT TO RESIST SEISMIC FORCES BY MORE THAN 5 PERCENT CUMULATIVE SINCE THE ORIGINAL CONSTRUCTION SHALL NOT BE PERMITTED UNLESS THE ENTIRE SEISMIC-FORCE-RESISTING SYSTEM IS DETERMINED TO CONFORM TO ASCE 7 FOR A NEW STRUCTURE. IF THE BUILDING'S SEISMIC BASE SHEAR CAPACITY HAS BEEN INCREASED SINCE THE ORIGINAL CONSTRUCTION, THE PERCENT CHANGE IN BASE SHEAR MAY BE CALCULATED RELATIVE TO THE INCREASED VALUE.

EXCEPTION: ALTERATIONS TO EXISTING STRUCTURAL ELEMENTS OR ADDITIONS OF NEW STRUCTURAL ELEMENTS THAT ARE NOT REQUIRED BY ASCE 7 AND ARE INITIATED FOR THE PURPOSE OF INCREASING THE STRENGTH OR STIFFNESS OF THE SEISMIC-FORCE-RESISTING SYSTEM OF AN EXISTING STRUCTURE NEED NOT BE DESIGNED FOR FORCES CONFORMING TO ASCE 7, PROVIDED THAT AN ENGINEERING ANALYSIS IS SUBMITTED INDICATING THE FOLLOWING:

1. THE DESIGN STRENGTH OF EXISTING STRUCTURAL ELEMENTS REQUIRED TO RESIST SEISMIC FORCES IS NOT REDUCED.
2. THE SEISMIC FORCE TO REQUIRED EXISTING STRUCTURAL ELEMENTS IS NOT INCREASED BEYOND THEIR DESIGN STRENGTH.
3. NEW STRUCTURAL ELEMENTS ARE DETAILED AND CONNECTED TO THE EXISTING STRUCTURAL ELEMENTS AS REQUIRED BY CHAPTER 16.
4. NEW OR RELOCATED NONSTRUCTURAL ELEMENTS ARE DETAILED AND CONNECTED TO EXISTING OR NEW STRUCTURAL ELEMENTS AS REQUIRED BY CHAPTER 16.
5. THE ALTERATIONS DO NOT CREATE A STRUCTURAL IRREGULARITY AS DEFINED IN ASCE 7 OR MAKE AN EXISTING STRUCTURAL IRREGULARITY MORE SEVERE.
6. THE ALTERATIONS DO NOT RESULT IN THE CREATION OF AN UNSAFE CONDITION.

3403.3 NONSTRUCTURAL.

NONSTRUCTURAL ALTERATIONS OR REPAIRS TO AN EXISTING BUILDING OR STRUCTURE ARE PERMITTED TO BE MADE OF THE SAME MATERIALS OF WHICH THE BUILDING OR STRUCTURE IS CONSTRUCTED, PROVIDED THAT THEY DO NOT ADVERSELY AFFECT ANY STRUCTURAL MEMBER OR THE FIRE-RESISTANCE RATING OF ANY PART OF THE BUILDING OR STRUCTURE.

3403.4 STAIRWAYS

AN ALTERATION OR THE REPLACEMENT OF AN EXISTING STAIRWAY IN AN EXISTING STRUCTURE SHALL NOT BE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF A NEW STAIRWAY AS OUTLINED IN SECTION 1009 WHERE THE EXISTING SPACE AND CONSTRUCTION WILL NOT ALLOW A REDUCTION IN PITCH OR SLOPE.

3406.1 CONFORMANCE.

NO CHANGE SHALL BE MADE IN THE USE OR OCCUPANCY OF ANY BUILDING THAT WOULD PLACE THE BUILDING IN A DIFFERENT DIVISION OF THE SAME GROUP OF OCCUPANCY OR IN A DIFFERENT GROUP OF OCCUPANCIES, UNLESS SUCH BUILDING IS MADE TO COMPLY WITH THE REQUIREMENTS OF THIS CODE FOR SUCH DIVISION OR GROUP OF OCCUPANCY. SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL, THE USE OR OCCUPANCY OF EXISTING BUILDINGS SHALL BE PERMITTED TO BE CHANGED AND THE BUILDING IS ALLOWED TO BE OCCUPIED FOR PURPOSES IN OTHER GROUPS WITHOUT CONFORMING TO ALL THE REQUIREMENTS OF THIS CODE FOR THOSE GROUPS, PROVIDED THE NEW OR PROPOSED USE IS LESS HAZARDOUS, BASED ON LIFE AND FIRE RISK, THAN THE EXISTING USE.

3406.2 CERTIFICATE OF OCCUPANCY.

A CERTIFICATE OF OCCUPANCY SHALL BE ISSUED WHERE IT HAS BEEN DETERMINED THAT THE REQUIREMENTS FOR THE NEW OCCUPANCY CLASSIFICATION HAVE BEEN MET.

3407.1 HISTORIC BUILDINGS

THE PROVISIONS OF THIS CODE RELATING TO THE CONSTRUCTION, REPAIR, ALTERATION, ADDITION, RESTORATION AND MOVEMENT OF STRUCTURES, AND CHANGE OF OCCUPANCY SHALL NOT BE MANDATORY FOR HISTORIC BUILDINGS WHERE SUCH BUILDINGS ARE JUDGED BY THE BUILDING OFFICIAL TO NOT CONSTITUTE A DISTINCT LIFE SAFETY HAZARD.

3409.3 EXTENT OF APPLICATION.

AN ALTERATION OF AN EXISTING ELEMENT, SPACE OR AREA OF A BUILDING OR FACILITY SHALL NOT IMPOSE A REQUIREMENT FOR GREATER ACCESSIBILITY THAN THAT WHICH WOULD BE REQUIRED FOR NEW CONSTRUCTION.

ALTERATIONS SHALL NOT REDUCE OR HAVE THE EFFECT OF REDUCING ACCESSIBILITY OF A BUILDING, PORTION OF A BUILDING OR FACILITY.

3409.7 ALTERATIONS AFFECTING AN AREA CONTAINING A PRIMARY FUNCTION.

WHERE AN ALTERATION AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF PRIMARY FUNCTION, THE ROUTE TO THE PRIMARY FUNCTION AREA SHALL BE ACCESSIBLE. THE ACCESSIBLE ROUTE TO THE PRIMARY FUNCTION AREA SHALL INCLUDE TOILET FACILITIES OR DRINKING FOUNTAINS SERVING THE AREA OF PRIMARY FUNCTION.

EXCEPTIONS:

1. THE COSTS OF PROVIDING THE ACCESSIBLE ROUTE ARE NOT REQUIRED TO EXCEED 20 PERCENT OF THE COSTS OF THE ALTERATIONS AFFECTING THE AREA OF PRIMARY FUNCTION.
2. THIS PROVISION DOES NOT APPLY TO ALTERATIONS LIMITED SOLELY TO WINDOWS, HARDWARE, OPERATING CONTROLS, ELECTRICAL OUTLETS AND SIGNS.
3. THIS PROVISION DOES NOT APPLY TO ALTERATIONS LIMITED SOLELY TO MECHANICAL SYSTEMS, ELECTRICAL SYSTEMS, INSTALLATION OR ALTERATION OF FIRE PROTECTION SYSTEMS AND ABATEMENT OF HAZARDOUS MATERIALS.
4. THIS PROVISION DOES NOT APPLY TO ALTERATIONS UNDERTAKEN FOR THE PRIMARY PURPOSE OF INCREASING THE ACCESSIBILITY OF AN EXISTING BUILDING, FACILITY OR ELEMENT.

3409.8 SCOPING FOR ALTERATIONS.

THE PROVISIONS OF SECTIONS 3409.8.1 THROUGH 3409.8.12 SHALL APPLY TO ALTERATIONS TO EXISTING BUILDINGS AND FACILITIES.

3409.8.1 ENTRANCES.

ACCESSIBLE ENTRANCES SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 1105.

EXCEPTION: WHERE AN ALTERATION INCLUDES ALTERATIONS TO AN ENTRANCE, AND THE BUILDING OR FACILITY HAS AN ACCESSIBLE ENTRANCE, THE ALTERED ENTRANCE IS NOT REQUIRED TO BE ACCESSIBLE, UNLESS REQUIRED BY SECTION 3409.7. SIGNS COMPLYING WITH SECTION 1110 SHALL BE PROVIDED.

SUBSTANTIAL IMPROVEMENT. ANY REPAIR, RECONSTRUCTION, REHABILITATION, ADDITION OR IMPROVEMENT OF A BUILDING OR STRUCTURE, THE COST OF WHICH EQUALS OR EXCEEDS 50 PERCENT OF THE MARKET VALUE OF THE STRUCTURE BEFORE THE IMPROVEMENT OR REPAIR IS STARTED. IF THE STRUCTURE HAS SUSTAINED SUBSTANTIAL DAMAGE, ANY REPAIRS ARE CONSIDERED SUBSTANTIAL IMPROVEMENT REGARDLESS OF THE ACTUAL REPAIR WORK PERFORMED. THE TERM DOES NOT, HOWEVER, INCLUDE EITHER:

1. ANY PROJECT FOR IMPROVEMENT OF A BUILDING REQUIRED TO CORRECT EXISTING HEALTH, SANITARY OR SAFETY CODE VIOLATIONS IDENTIFIED BY THE BUILDING OFFICIAL AND THAT ARE THE MINIMUM NECESSARY TO ASSURE SAFE LIVING CONDITIONS.
2. ANY ALTERATION OF A HISTORIC STRUCTURE PROVIDED THAT THE ALTERATION WILL NOT PRECLUDE THE STRUCTURE'S CONTINUED DESIGNATION AS A HISTORIC STRUCTURE.

THE SCOPE OF WORK IS NOT A SUBSTANTIAL IMPROVEMENT.

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3 RENOVATIONS
MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT Belinda J. Stewart 2-26-27 Oxford MS STATE OF MISSISSIPPI

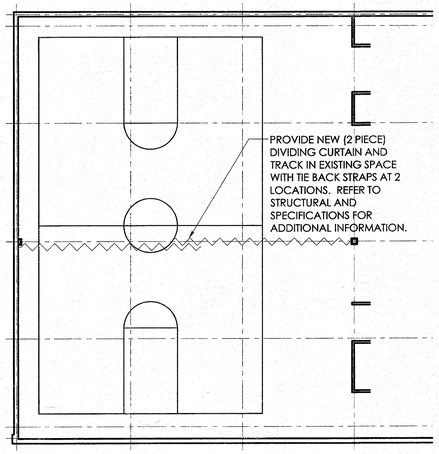
PROJECT #: 0902
DATE: MARCH 22, 2011
REVISION:
SHEET:

CODE PLAN & LIMITS
G1.1

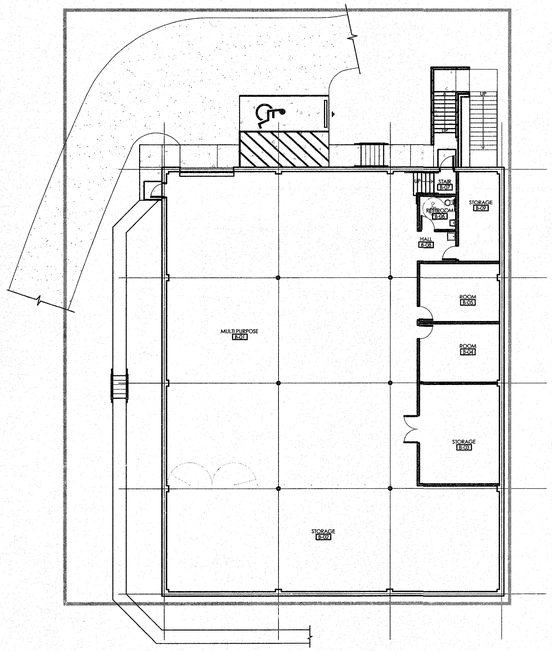
SEQUENCE OF WORK:

(1.1) NEW DIVIDING CURTAIN INSTALLATION IN FAMILY LIFE CENTER. REFER TO STRUCTURAL & SPECIFICATION

(1.2) FULL SCOPE OF WORK IN BASEMENT / SCOUT AREA COMPLETE WORK PRIOR TO MOVING ON.



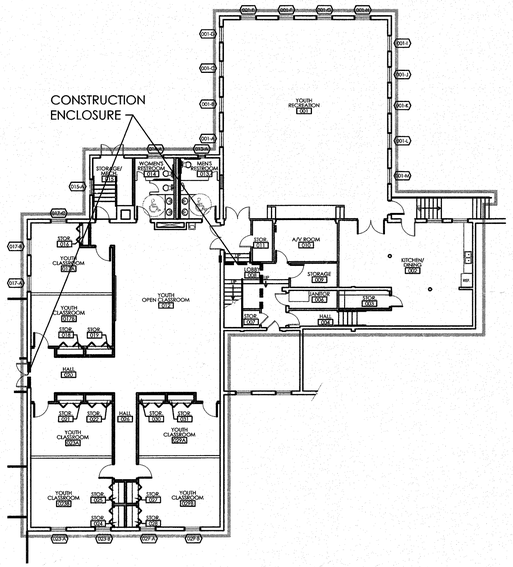
1.1 A2.1 FAMILY LIFE CENTER
SCALE: 1/16" = 1'-0"



1.2 A2.1 BASEMENT / SCOUT
SCALE: 1/16" = 1'-0"

SEQUENCE OF WORK:

(2) FULL SCOPE OF WORK IN LOWER FLOOR - COMPLETE WORK PRIOR TO CONTINUING TO NEXT SEQUENCE OF WORK. CONTRACTOR SHALL COORDINATE RELOCATION/MOVING CHURCH OPERATIONS FROM NEXT SEQUENCE AREA TO THIS COMPLETED AREA PRIOR TO CONTINUATION TO THEN NEXT SEQUENCE.

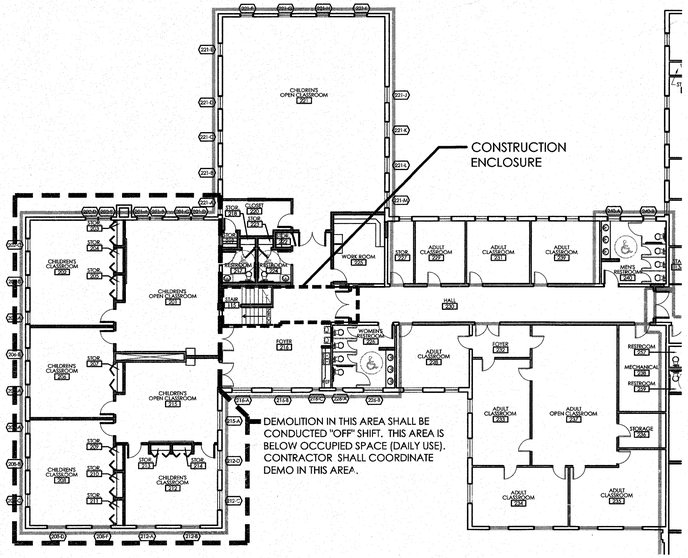


3 A2.1 LOWER FLOOR
SCALE: 1/16" = 1'-0"

SEQUENCE OF WORK:

(3) FULL SCOPE OF WORK IN UPPER FLOOR - COORDINATE MOVE OF CLASSROOM/EQUIPMENT PRIOR TO COMMENCEMENT OF WORK.

PROVIDE CONSTRUCTION ENCLOSURE TO PROVIDE FOR EMERGENCY EXITING THROUGH THE SPACE FOR AREAS OUT OF THE WORK AREA.



4 A2.1 UPPER FLOOR
SCALE: 1/16" = 1'-0"

required sequence of work

GENERAL NOTES FOR SEQUENCE OF WORK:

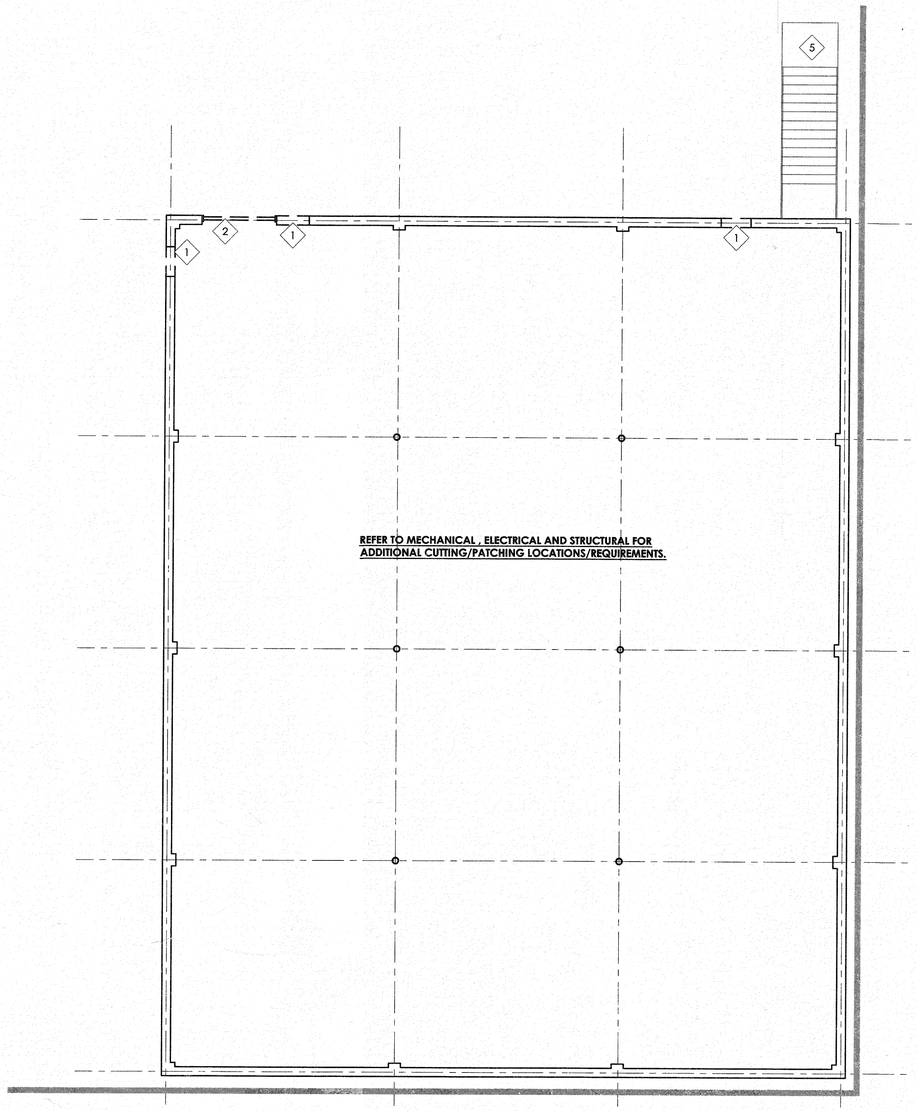
A. THE BUILDING WILL REMAIN OCCUPIED DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT OCCUPANTS FROM CONSTRUCTION OPERATIONS AT ALL TIMES AND SHALL COORDINATE WITH CHURCH TO MAINTAIN REGULAR CHURCH SERVICES/OPPERATIONS.
B. CONTRACTOR SHALL COORDINATE RELOCATION OF CHURCH OPERATIONS BETWEEN SEQUENCES OF WORK. ALLOW A MINIMUM OF TWO WEEKS BETWEEN SEQUENCES.
C. CONTRACTOR SHALL COORDINATE WITH CHURCH FOR LAY DOWN AREA. PARKING AREAS WILL BE ALLOWED BY REQUEST FROM THE CHURCH AND SHOULD BE RESTRICTED TO DAYS WHEN SERVICES ARE NOT PLANNED. CONTRACTOR SHALL MAINTAIN CONSTRUCTION ACCESS FOR THE DURATION OF THE PROJECT.
D. CONTRACTOR SHALL PROVIDE CONSTRUCTION/DUST ENCLOSURES DURING THE COURSE OF THE PROJECT AS NECESSARY.
E. REFER TO SHEET G1.1 FOR ADDITIONAL "OFF LIMITS" AREAS DURING THE DURATION OF THIS PROJECT.

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

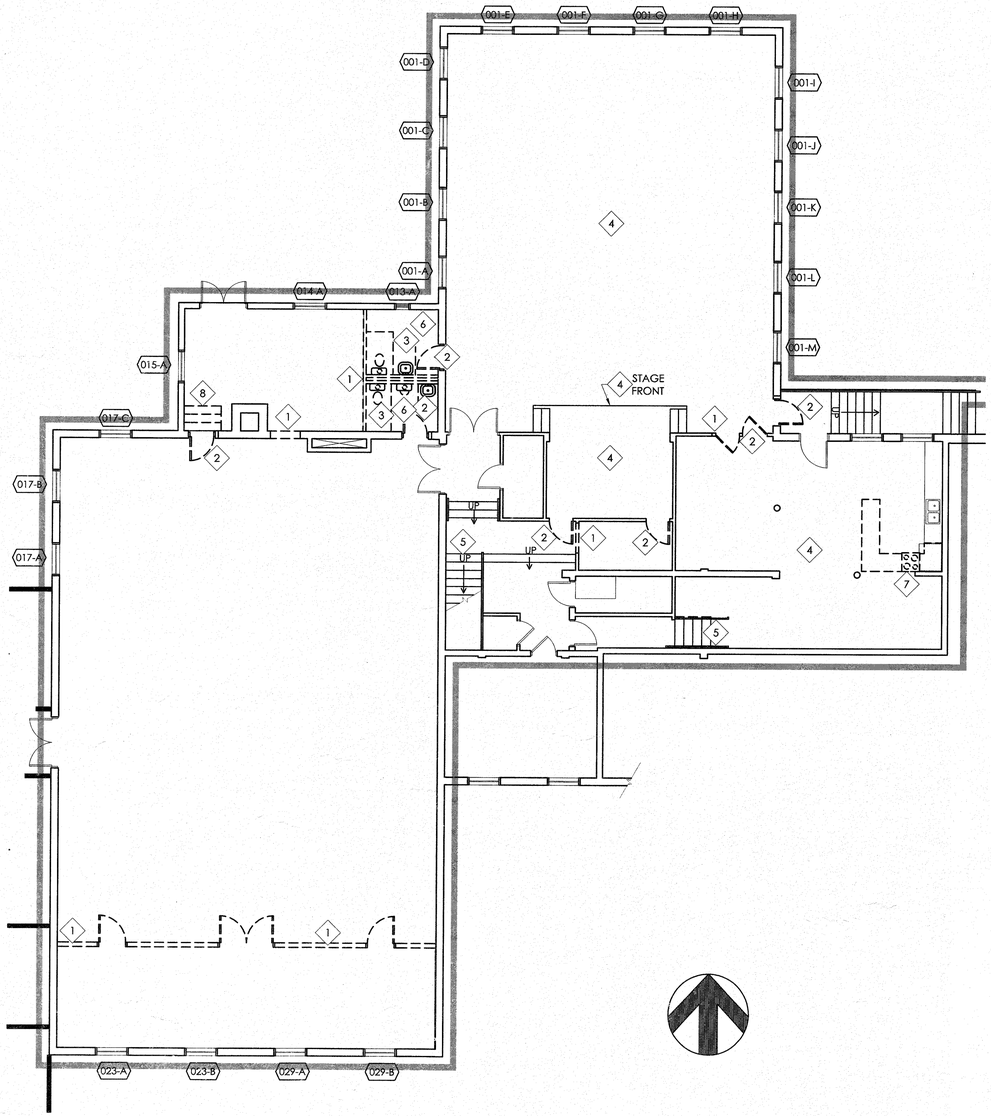
HIGHLAND BAPTIST CHURCH - PHASE 3
RENOVATIONS
MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT Belinda J. Stewart 2-26-11 Guyton, MS STATE OF MISSISSIPPI

PROJECT #: 0902
DATE: MARCH 22, 2011
REVISION:
SHEET:
SCOPE
G1.2



1 A2.1 DEMOLITION PLAN BASEMENT (SCOUT ROOM)
SCALE: 1/8" = 1'-0"



2 A2.1 DEMOLITION PLAN LOWER FLOOR
SCALE: 1/8" = 1'-0"

DEMO PLAN LEGEND:

- WORK AREA
- FUTURE RENOVATIONS
- WALL TO BE REMOVED
- DOOR TO BE REMOVED
- 221-M WINDOW IDENTIFICATION
- # DRAWING NOTE IDENTIFICATION

DEMOLITION GENERAL NOTES:
-GENERAL NOTES APPLY TO ALL ASPECTS OF WORK. REFER TO KEYNOTES FOR SPECIFIC NOTES.

A. DURING REMOVAL OF SPECIFIC ITEMS, PROTECT EXISTING ADJACENT FINISHES TO REMAIN, FROM DAMAGE.

B. PROVIDE TEMPORARY SHORING AND BRACING AT ALL AREAS WHERE NEW OPENINGS IN EXISTING WALLS ARE INDICATED OR WHERE WALLS OR OTHER SUPPORTS ARE DESIGNATED TO BE REMOVED ENTIRELY.

C. SALVAGE AND CATALOG ALL ORIGINAL ELEMENTS DESIGNATED FOR REMOVAL, INCLUDING DOORS, WINDOWS, TRIMS & CASEWORK FOR POSSIBLE REINSTALLATION AND PATCHING.

D. REFER TO MECHANICAL, PLUMBING, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL REMOVAL REQUIREMENTS. PROVIDE OPENING PROTECTIVES THROUGHOUT PROJECT.

E. REMOVE EXISTING SUSPENDED ACOUSTICAL CEILING TILE, FRAME AND SUSPENSION SYSTEM UP TO ORIGINAL PLASTER CEILING FINISH. CAREFULLY REMOVE ANCHORS FROM ORIGINAL FINISH TO MINIMIZE DAMAGE TO FINISHES. PROTECT EXISTING PLASTER CEILING FINISH FROM DAMAGE.

F. PROTECT ALL ORIGINAL/HISTORIC FINISHES TO REMAIN, FROM DAMAGE DURING CONSTRUCTION. DO NOT DEMOLISH OR OTHERWISE DAMAGE EXISTING BUILDING FINISHES OR ELEMENTS UNLESS SPECIFICALLY INSTRUCTED TO DO SO IN THESE DOCUMENTS. VERIFY WITH ARCHITECT PRIOR TO CUTTING OR REMOVING ANY ORIGINAL ITEM IF REMOVAL OF THE ITEM IS UNCLEAR.

G. PROTECT EXISTING TRIMS FROM DAMAGE, INCLUDING BUT NOT LIMITED TO DOOR CASINGS, BASEBOARDS, WOOD/TERRAZZO BLOCKS, CHAIR RAIL, PICTURE RAIL AND HANDRAILS.

H. PROTECT EXISTING PLASTER WALL & CEILING FINISHES FROM DAMAGE THROUGHOUT CONSTRUCTION.

I. PROTECT EXTERIOR BUILDING ELEMENTS FROM DAMAGE DURING CONSTRUCTION, INCLUDING. BUT NOT LIMITED TO LIMESTONE DETAILS, CAST STONE DETAILS, TERRACOTTA DETAILS, BRICK MASONRY, SITE DETAILS, WINDOWS AND DOORS.

J. MAINTAIN BUILDING SECURITY AND PROTECTION FROM MOISTURE INFILTRATION THROUGHOUT PROJECT.

DEMOLITION KEYNOTES:
-ALSO REFER TO DEMOLITION GENERAL NOTES.

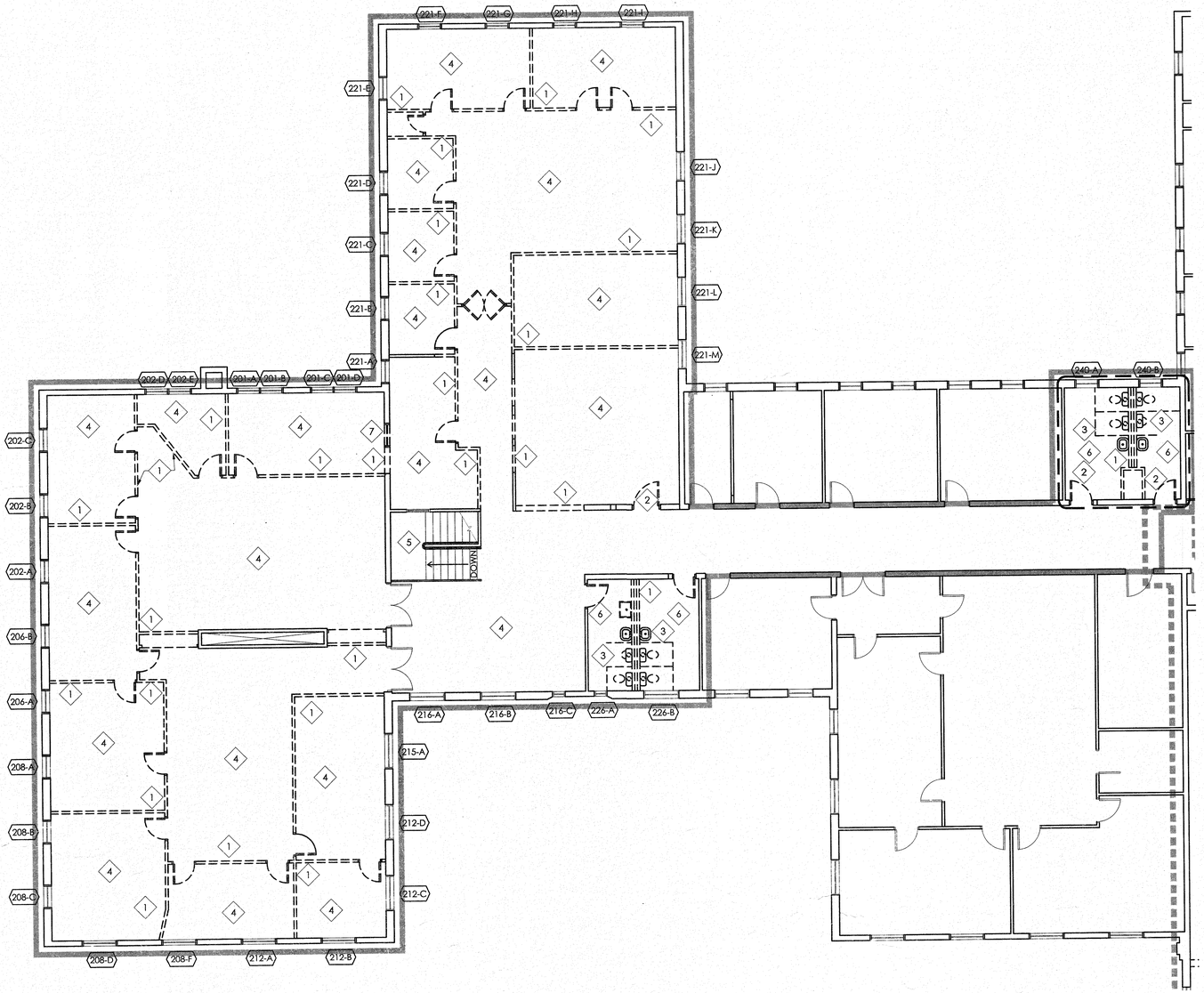
1. REMOVE EXISTING WALL AND DOORS AS REQUIRED. TAKE CARE NOT TO DAMAGE EXISTING ADJACENT SURFACES, INCLUDING BUT NOT LIMITED TO BRICK MASONRY, METAL RAILINGS, AND PLASTER. IF WALL REMOVAL IS FOR DOOR , REMOVE ONLY THAT NECESSARY TO PROVIDE FOR DOOR & FRAME. PROTECT OPENINGS THROUGHOUT CONSTRUCTION. PROTECT SUFFICIENT DOORS FOR REUSE.
2. REMOVE DOOR # 010A TO CHANGE SWING. REMOVE DOOR AND FRAME, ENLARGE OPENING FOR DOORS # 001, 002, 013, 015, 226 & 240. PROTECT ADJACENT FINISHES. REMOVE OTHER DOORS AND FRAMES INDICATED AND PREPARE WALL FOR NEW INFILL TO MATCH EXISTING TAKE CARE TO PROTECT EXISTING ADJACENT FINISHES.
3. REMOVE PLUMBING FIXTURES, ASSOCIATED PIPING AND STALL PARTITIONS. CAP EXISTING UNUSED PIPING AS REQUIRED. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
4. REMOVE EXISTING CARPET, PADDING, VINYL FLOOR FINISHES AND ASSOCIATED MATERIALS DOWN TO STRUCTURAL SLAB. PROTECT ADJACENT FINISHES & STRUCTURAL SLAB FROM DAMAGE.
5. PROTECT EXISTING STAIRS FROM DAMAGE, INCLUDING, BUT NOT LIMITED TO FLOORING, ADJACENT WALL FINISHES AND HANDRAILS. PROVIDE FLOORING BARRIER TO PROTECT STAIR FINISH THROUGHOUT CONSTRUCTION. PROVIDE PROTECTING WRAPPING ON HANDRAILS.
6. REMOVE EXISTING CERAMIC TILE FROM WALLS AND FLOORS DOWN TO SUBSTRATE. PROTECT CONCRETE SLAB FROM DAMAGE.
7. REMOVE BASE CABINETS & RANGE
8. REMOVE CONCRETE STEPS ONLY AS REQUIRED TO INSTALL NEW LANDING & STAIR.

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3
RENOVATIONS
MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT
Belinda J. Stewart
21857
Eupora, MS
STATE OF MISSISSIPPI

PROJECT #: 0902
DATE: MARCH 22, 2011
REVISION:
SHEET:
DEMO
A1.1



1 A1.3 DEMOLITION PLAN UPPER FLOOR

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

DEMO PLAN LEGEND:

- WORK AREA
- FUTURE RENOVATIONS
- WALL TO BE REMOVED
- DOOR TO BE REMOVED
- 221-M WINDOW IDENTIFICATION
- # DRAWING NOTE IDENTIFICATION

DEMOLITION GENERAL NOTES:

-GENERAL NOTES APPLY TO ALL ASPECTS OF WORK. REFER TO KEYNOTES FOR SPECIFIC NOTES.

A. DURING REMOVAL OF SPECIFIC ITEMS, PROTECT EXISTING ADJACENT FINISHES TO REMAIN, FROM DAMAGE.

B. PROVIDE TEMPORARY SHORING AND BRACING AT ALL AREAS WHERE NEW OPENINGS IN EXISTING WALLS ARE INDICATED OR WHERE WALLS OR OTHER SUPPORTS ARE DESIGNATED TO BE REMOVED ENTIRELY.

C. SALVAGE AND CATALOG ALL ORIGINAL ELEMENTS DESIGNATED FOR REMOVAL, INCLUDING DOORS, WINDOWS, TRIMS & CASEWORK FOR POSSIBLE REINSTALLATION AND PATCHING.

D. REFER TO MECHANICAL, PLUMBING, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL REMOVAL REQUIREMENTS. PROVIDE OPENING PROTECTIVES THROUGHOUT PROJECT.

E. REMOVE EXISTING SUSPENDED ACOUSTICAL CEILING TILE, FRAME AND SUSPENSION SYSTEM UP TO ORIGINAL PLASTER CEILING FINISH. CAREFULLY REMOVE ANCHORS FROM ORIGINAL FINISH TO MINIMIZE DAMAGE TO FINISHES. PROTECT EXISTING PLASTER CEILING FINISH FROM DAMAGE.

F. PROTECT ALL ORIGINAL/HISTORIC FINISHES TO REMAIN, FROM DAMAGE DURING CONSTRUCTION. DO NOT DEMOLISH OR OTHERWISE DAMAGE EXISTING BUILDING FINISHES OR ELEMENTS UNLESS SPECIFICALLY INSTRUCTED TO DO SO IN THESE DOCUMENTS. VERIFY WITH ARCHITECT PRIOR TO CUTTING OR REMOVING ANY ORIGINAL ITEM IF REMOVAL OF THE ITEM IS UNCLEAR.

G. PROTECT EXISTING TRIMS FROM DAMAGE, INCLUDING BUT NOT LIMITED TO DOOR CASINGS, BASEBOARDS, WOOD/TERRAZZO BLOCKS, CHAIR RAIL, PICTURE RAIL AND HANDRAILS.

H. PROTECT EXISTING PLASTER WALL & CEILING FINISHES FROM DAMAGE THROUGHOUT CONSTRUCTION.

I. PROTECT EXTERIOR BUILDING ELEMENTS FROM DAMAGE DURING CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO LIMESTONE DETAILS, CAST STONE DETAILS, TERRACOTTA DETAILS, BRICK MASONRY, SITE DETAILS, WINDOWS AND DOORS.

J. MAINTAIN BUILDING SECURITY AND PROTECTION FROM MOISTURE INFILTRATION THROUGHOUT PROJECT.

DEMOLITION KEYNOTES:

-ALSO REFER TO DEMOLITION GENERAL NOTES.

1. REMOVE EXISTING WALL AND DOORS AS REQUIRED. TAKE CARE NOT TO DAMAGE EXISTING ADJACENT SURFACES, INCLUDING BUT NOT LIMITED TO BRICK MASONRY, METAL RAILINGS. AND PLASTER. IF WALL REMOVAL IS FOR DOOR , REMOVE ONLY THAT NECESSARY TO PROVIDE FOR DOOR & FRAME. PROTECT OPENINGS THROUGHOUT CONSTRUCTION. PROTECT SUFFICIENT DOORS FOR REUSE.
2. REMOVE DOOR # 010A TO CHANGE SWING. REMOVE DOOR AND FRAME, ENLARGE OPENING FOR DOORS # 001, 002, 013, 015, 226 & 240. PROTECT ADJACENT FINISHES. REMOVE OTHER DOORS AND FRAMES INDICATED AND PREPARE WALL FOR NEW INFILL TO MATCH EXISTING TAKE CARE TO PROTECT EXISTING ADJACENT FINISHES.
3. REMOVE PLUMBING FIXTURES, ASSOCIATED PIPING AND STALL PARTITIONS. CAP EXISTING UNUSED PIPING AS REQUIRED. REFER TO PLUMBING DRAWINGS FOR MORE INFORMATION.
4. REMOVE EXISTING CARPET, PADDING, VINYL FLOOR FINISHES AND ASSOCIATED MATERIALS DOWN TO STRUCTURAL SLAB. PROTECT ADJACENT FINISHES & STRUCTURAL SLAB FROM DAMAGE.
5. PROTECT EXISTING STAIRS FROM DAMAGE, INCLUDING, BUT NOT LIMITED TO FLOORING, ADJACENT WALL FINISHES AND HANDRAILS. PROVIDE FLOORING BARRIER TO PROTECT STAIR FINISH THROUGHOUT CONSTRUCTION. PROVIDE PROTECTING WRAPPING ON HANDRAILS.
6. REMOVE EXISTING CERAMIC TILE FROM WALLS AND FLOORS DOWN TO SUBSTRATE. PROTECT CONCRETE SLAB FROM DAMAGE.
7. REMOVE BASE CABINETS & RANGE
8. REMOVE CONCRETE STEPS ONLY AS REQUIRED TO INSTALL NEW LANDING & STAIR.

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3 RENOVATIONS MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT Belinda J. Stewart 23627 STATE OF MISSISSIPPI

PROJECT #: 0902

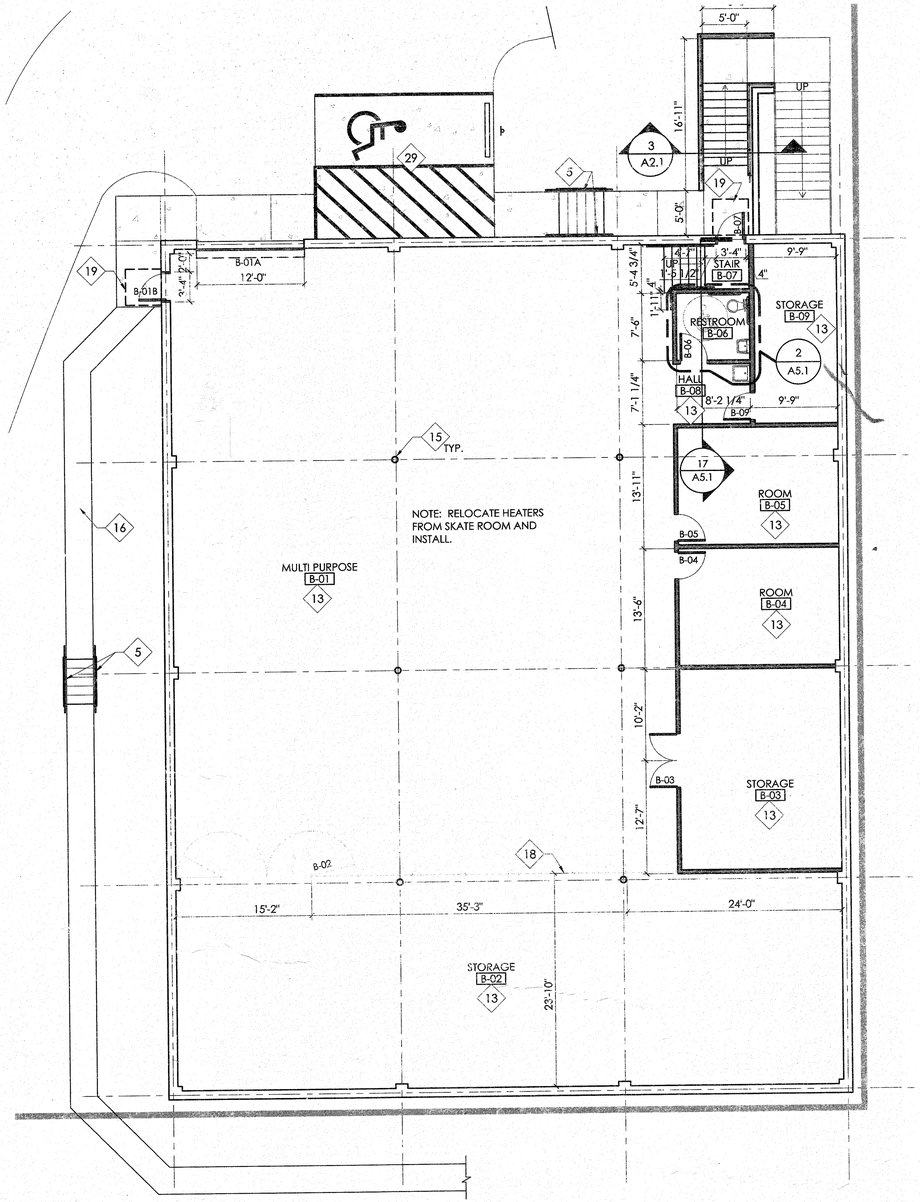
DATE: MARCH 22, 2011

REVISION:

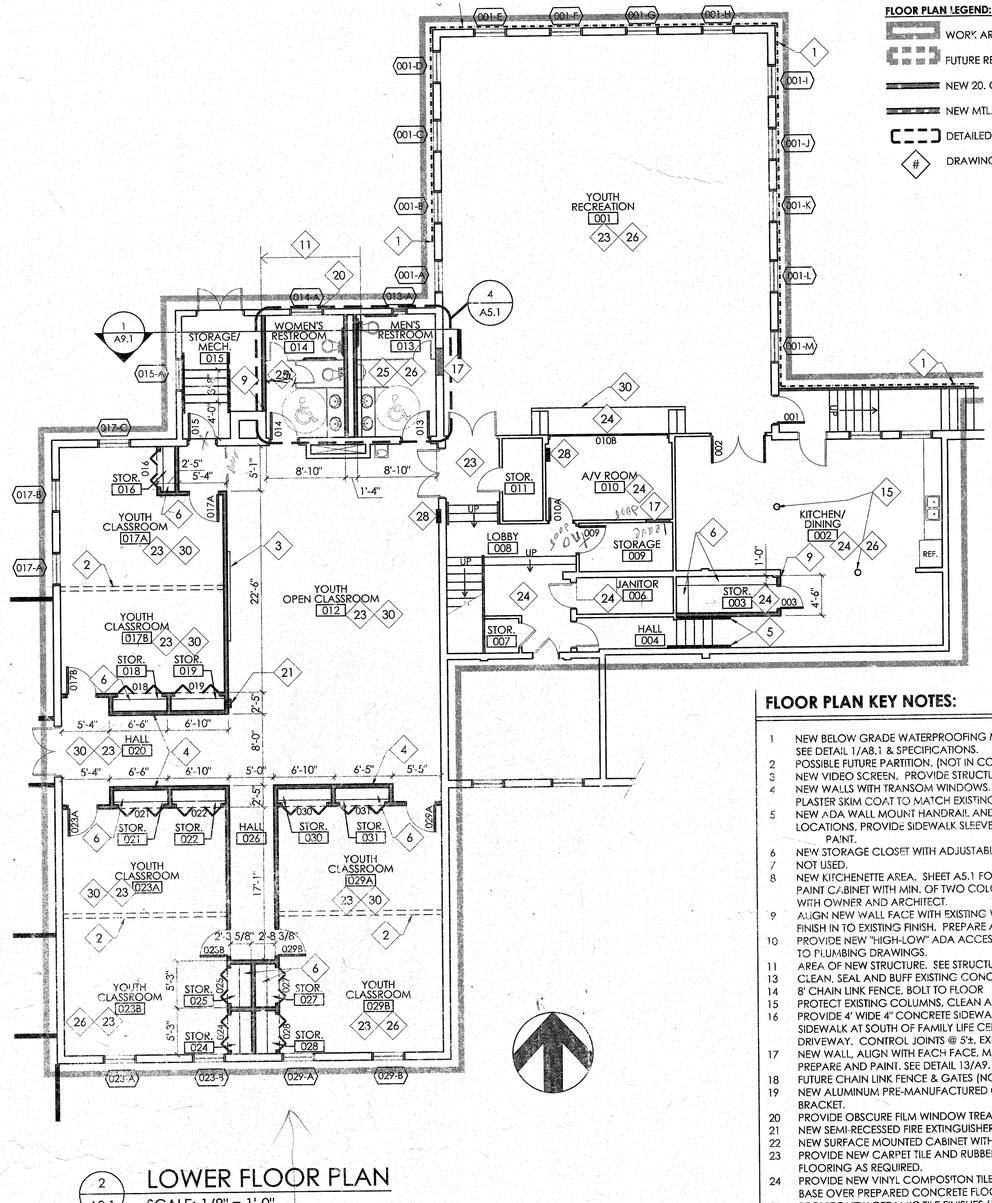
SHEET:

DEMO

A1.3



1 / A2.1 BASEMENT PLAN (SCOUT ROOM)
SCALE: 1/8" = 1'-0"



2 / A2.1 LOWER FLOOR PLAN
SCALE: 1/8" = 1'-0"

FLOOR PLAN LEGEND:

- WORK AREA
- FUTURE RENOVATIONS (N.I.C)
- NEW 20. GA. METAL STUD & 5/8" TYPE X GWB WALL
- NEW MTL. STUD WALL & TRANSOMS
- DETAILED AREA INDICATION
- # DRAWING KEY NOTE INDICATION

FLOOR PLAN KEY NOTES:

1. NEW BELOW GRADE WATERPROOFING MEMBRANE AND FRENCH DRAIN, SEE DETAIL 1/A8.1 & SPECIFICATIONS.
2. POSSIBLE FUTURE PARTITION. (NOT IN CONTRACT)
3. NEW VIDEO SCREEN. PROVIDE STRUCTURE FOR MOUNTING AS REQUIRED.
4. NEW WALLS WITH TRANSOM WINDOWS. SEE DETAILS 5/A9.1. PROVIDE PLASTER SKIM COAT TO MATCH EXISTING WALL FINISH. PAINT.
5. NEW ADA WALL MOUNT HANDRAIL AND METAL BRACKET AT INTERIOR LOCATIONS. PROVIDE SIDEWALK SLEEVE MOUNT AT EXTERIOR LOCATIONS. PAINT.
6. NEW STORAGE CLOSET WITH ADJUSTABLE SHELVES, SEE 4/A9.1. PAINT.
7. NOT USED.
8. NEW KITCHENETTE AREA. SHEET A5.1 FOR MORE DETAILS/REQUIREMENTS. PAINT CABINET WITH MIN. OF TWO COLOR COMBINATION - COORDINATE WITH OWNER AND ARCHITECT.
9. ALIGN NEW WALL FACE WITH EXISTING WALL FACE, FEATHER NEW WALL FINISH IN TO EXISTING FINISH. PREPARE AND PAINT.
10. PROVIDE NEW "HIGH-LOW" ADA ACCESSIBLE DRINKING FOUNTAINS. REFER TO PLUMBING DRAWINGS.
11. AREA OF NEW STRUCTURE. SEE STRUCTURAL DRAWINGS.
13. CLEAN, SEAL AND BUFF EXISTING CONCRETE FLOOR.
14. 8' CHAIN LINK FENCE. BOLT TO FLOOR
15. PROTECT EXISTING COLUMNS, CLEAN AND PAINT.
16. PROVIDE 4' WIDE 4" CONCRETE SIDEWALK WITH STEPS AS REQUIRED TO SIDEWALK AT SOUTH OF FAMILY LIFE CENTER. AVOID MECHANICAL UNITS & DRIVEWAY. CONTROL JOINTS @ 5'±, EXPANSION JOINTS @ 20'±.
17. NEW WALL, ALIGN WITH EACH FACE. MATCH EXISTING ADJACENT FINISH. PREPARE AND PAINT. SEE DETAIL 13/A9.1
18. FUTURE CHAIN LINK FENCE & GATES (NOT IN CONTRACT).
19. NEW ALUMINUM PRE-MANUFACTURED CANOPY - WALL MOUNT WITH BRACKET.
20. PROVIDE OBSCURE FILM WINDOW TREATMENT ON ENTIRE WINDOW.
21. NEW SEMI-RECESSED FIRE EXTINGUISHER CABINET & FIRE EXTINGUISHER.
22. NEW SURFACE MOUNTED CABINET WITH FIRE EXTINGUISHER.
23. PROVIDE NEW CARPET TILE AND RUBBER BASE OVER PREPARED CONCRETE FLOORING AS REQUIRED.
24. PROVIDE NEW VINYL COMPOSITON TILE (MIN. OF 2 COLORS) AND RUBBER BASE OVER PREPARED CONCRETE FLOORING AS REQUIRED.
25. PROVIDE NEW CERAMIC TILE FINISHES (1" MOSAIC FLOORING, BASE AND WAINSCOT). REFER TO SHEET A5.1 FOR MORE INFORMATION.
26. RESTORE EXISTING PLASTER WALLS TO WELL MAINTAINED CONDITION. MATCH ORIGINAL FINISH/TEXTURE. PAINT.
27. RESTORE EXISTING CONCRETE SLAB TO WELL MAINTAINED AND LEVEL CONDITION - READY TO ACCEPT FINISHED FLOORING.
28. NEW ELECTRICAL CABINET (FLOOR TO ORIGINAL CEILING). PROVIDE QUARTER ROUND TRIM AT CEILING AND WALL TERMINATION AND RUBBER BASE AT FLOOR REFER TO SHEET A4.1 AND ELECTRICAL FOR MORE INFORMATION.
29. NEW CONCRETE ADA PARKING, ACCESS, WHEEL STOP AND SIGNAGE. SLOPE TO DRAIN (NOT MORE THAN 1:20).
30. REMOVE CARPET FROM WALL, RESTORE EXISTING PLASTER WALLS TO WELL MAINTAINED CONDITION. MATCH ORIGINAL FINISH/TEXTURE. PAINT.

GENERAL RESTORATION / RENOVATION NOTES:

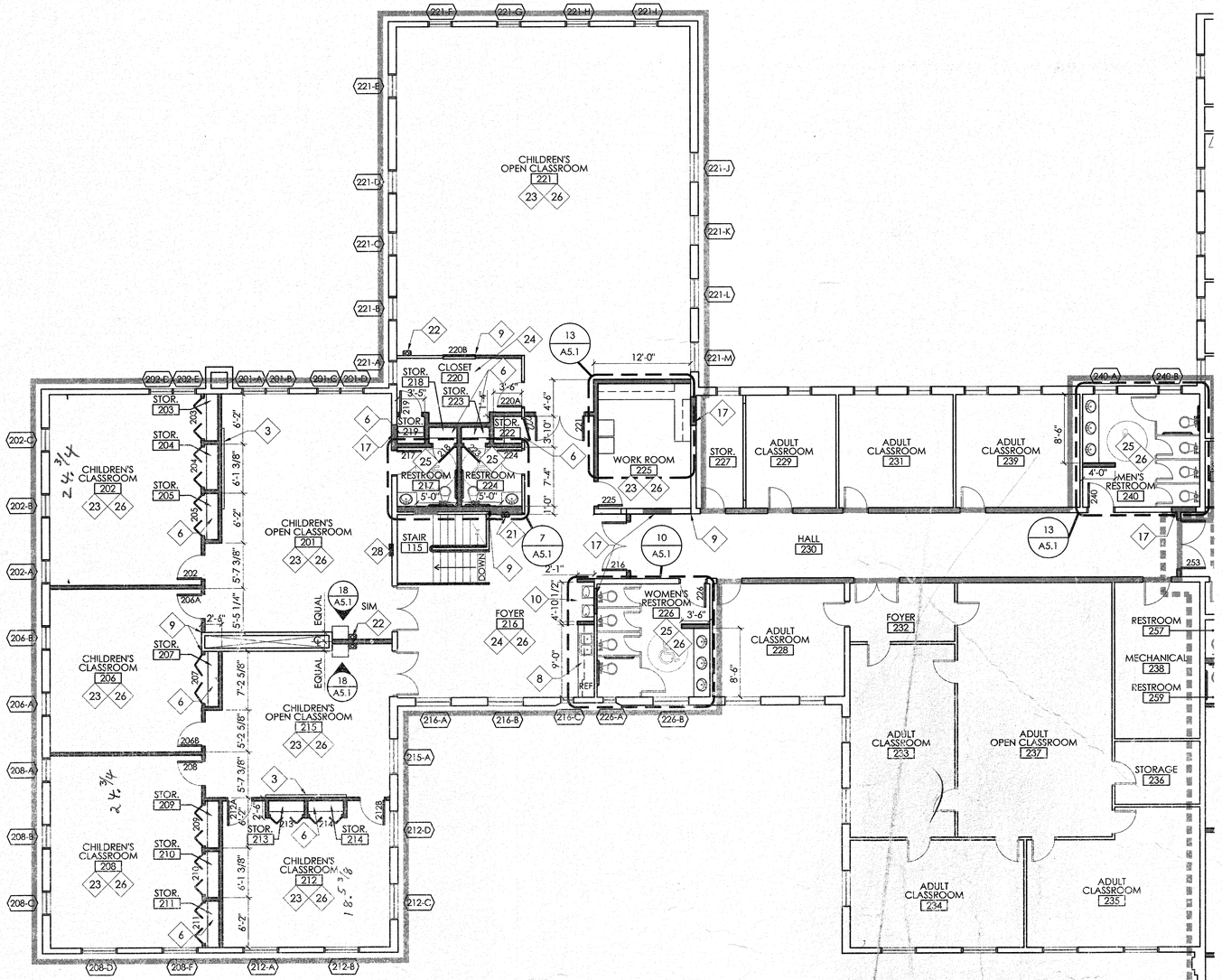
A. ALL WORK SHALL BE IN CONFORMANCE WITH CURRENT BUILDING CODES (IBC 2006), THE AMERICANS WITH DISABILITIES ACT, INDUSTRY STANDARDS, SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES AND OTHER APPLICABLE REGULATIONS.
B. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS AND EXISTING CONDITIONS PRIOR TO BIDDING, CONSTRUCTION, FABRICATION OR ORDERING OF MATERIALS. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR QUESTIONABLE LAYOUT DIMENSIONS PRIOR TO PROCEEDING WITH WORK.
C. WHERE DIMENSIONS ARE NOT GIVEN BUT RELATIONSHIP (ALIGN, ADJACENT, EQUAL) IS CLEARLY DESIGNATED ON DRAWINGS, CONSTRUCT AS SUCH. ALL ITEMS NOTED TO MATCH EXISTING SHALL BE AN EXACT MATCH TO THE ORIGINAL.
D. PROTECT FROM DAMAGE ALL EXISTING WORK, FEATURES, AND ELEMENTS TO REMAIN. DO NOT REMOVE, CUT, MODIFY, OR OTHERWISE DAMAGE ANY HISTORIC MATERIAL OR ELEMENT WITHOUT OBTAINING PRIOR APPROVAL FROM THE ARCHITECT, UNLESS OTHERWISE INDICATED.
E. INSPECT ALL SUBSTRATES, FRAMING, OR ANY OTHER ELEMENT HIDDEN FROM VIEW. NOTIFY ARCHITECT OF ANY UNFORESEEN DETERIORATED OR DAMAGED CONDITIONS.
F. PROVIDE TERMITE TREATMENT/CONTROL FOR ANY SOIL DISTURBED BY THIS PROJECT.
G. KEEP WORKSITE CLEAN AND ORDERLY. CLEAN UP DAILY AT ALL AREAS EXPOSED TO PUBLIC VIEW.
H. MAINTAIN ENTRANCE TO THE BUILDING DURING THE WORK OF THIS CONTRACT. PROTECT TENANTS, PEDESTRIANS AND PUBLIC FROM ANY HARM.
I. PROVIDE TEMPORARY WATERTIGHT BARRIERS AT EXPOSED LOCATIONS.
J. PLANT REMOVAL: NO PLANTS SHALL BE REMOVED WITHOUT THE ARCHITECTS APPROVAL. THE GENERAL CONTRACTOR IS TO CLEARLY MARK ALL PLANTS THAT ARE TO BE REMOVED OR PROTECTED AND NOTIFY THE ARCHITECT FOR APPROVAL BEFORE REMOVAL BEGINS. THE GENERAL CONTRACTOR SHALL CLEARLY INDICATE THE METHOD OF PROTECTION, SUBJECT TO ARCHITECTS APPROVAL, FOR ALL PLANTS MARKED FOR PROTECTION.
K. REPAIR TO MATCH ORIGINAL ALL AREAS EFFECTED BY THE REMOVAL OF FOREIGN ELEMENTS FROM THE INTERIOR SURFACES INCLUDING BUT NOT LIMITED TO, CONDUIT, UTILITY CONNECTIONS, MECHANICAL UNITS & DUCTWORK, RAILINGS, OR LIGHT FIXTURES. FOR PLASTER REPAIR - REFER TO TYPICAL DETAILS ON SHEET A4.1
L. CONTRACTOR SHALL PROTECT THE SITE FROM DAMAGE AND SHALL BE REQUIRED TO RE-GRADE AND SOD ANY AREAS DISTURBED BY THIS PROJECT.
M. DIMENSIONS ARE TYPICALLY SHOWN TO FINISHED SURFACES.
N. PROVIDE PLASTER SKIM COAT AND FEATHER INTO ORIGINAL FINISH ON NEW OR INFILL WALLS - TYPICAL - UNLESS OTHERWISE NOTED.
O. PAINT ENTIRE EXISTING AND NEW WALLS IN THE SCOPE OF WORK. EXCEPTION: FULL SCOPE OF WORK IN BASEMENT (SCOUT ROOM) EXCEPT RESTROOM.
P. PROVIDE TRANSITION STRIP/THRESHOLD TRANSITION BETWEEN DISSIMILAR FLOORING MATERIALS.

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 847
EUPORA, MISSISSIPPI, 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3
RENOVATIONS
MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT
Belinda J. Stewart
2267
Oxford MS
STATE OF MISSISSIPPI

PROJECT #: 0902
DATE: MARCH 22, 2011
REVISION:
SHEET:
PLANS
A2.1



1 / A2.3 UPPER FLOOR PLAN

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

GENERAL RESTORATION / RENOVATION NOTES:

A. ALL WORK SHALL BE IN CONFORMANCE WITH CURRENT BUILDING CODES (IBC 2006), THE AMERICANS WITH DISABILITIES ACT, INDUSTRY STANDARDS, SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES AND OTHER APPLICABLE REGULATIONS.
B. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS AND EXISTING CONDITIONS PRIOR TO BIDDING, CONSTRUCTION, FABRICATION OR ORDERING OF MATERIALS. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR QUESTIONABLE LAYOUT DIMENSIONS PRIOR TO PROCEEDING WITH WORK.
C. WHERE DIMENSIONS ARE NOT GIVEN BUT RELATIONSHIP (ALIGN, ADJACENT, EQUAL) IS CLEARLY DESIGNATED ON DRAWINGS, CONSTRUCT AS SUCH. ALL ITEMS NOTED TO MATCH EXISTING SHALL BE AN EXACT MATCH TO THE ORIGINAL.
D. PROTECT FROM DAMAGE ALL EXISTING WORK, FEATURES, AND ELEMENTS TO REMAIN. DO NOT REMOVE, CUT, MODIFY, OR OTHERWISE DAMAGE ANY HISTORIC MATERIAL OR ELEMENT WITHOUT OBTAINING PRIOR APPROVAL FROM THE ARCHITECT, UNLESS OTHERWISE INDICATED.
E. INSPECT ALL SUBSTRATES, FRAMING, OR ANY OTHER ELEMENT HIDDEN FROM VIEW. NOTIFY ARCHITECT OF ANY UNFORESEEN DETERIORATED OR DAMAGED CONDITIONS.
F. PROVIDE TERMITE TREATMENT/CONTROL FOR ANY SOIL DISTURBED BY THIS PROJECT.
G. KEEP WORKSITE CLEAN AND ORDERLY. CLEAN UP DAILY AT ALL AREAS EXPOSED TO PUBLIC VIEW.
H. MAINTAIN ENTRANCE TO THE BUILDING DURING THE WORK OF THIS CONTRACT. PROTECT TENANTS, PEDESTRIANS AND PUBLIC FROM ANY HARM.
I. PROVIDE TEMPORARY WATERTIGHT BARRIERS AT EXPOSED LOCATIONS.
J. PLANT REMOVAL: NO PLANTS SHALL BE REMOVED WITHOUT THE ARCHITECTS APPROVAL. THE GENERAL CONTRACTOR IS TO CLEARLY MARK ALL PLANTS THAT ARE TO BE REMOVED OR PROTECTED AND NOTIFY THE ARCHITECT FOR APPROVAL BEFORE REMOVAL BEGINS. THE GENERAL CONTRACTOR SHALL CLEARLY INDICATE THE METHOD OF PROTECTION, SUBJECT TO ARCHITECTS APPROVAL, FOR ALL PLANTS MARKED FOR PROTECTION.
K. REPAIR TO MATCH ORIGINAL ALL AREAS EFFECTED BY THE REMOVAL OF FOREIGN ELEMENTS FROM THE INTERIOR SURFACES INCLUDING BUT NOT LIMITED TO, CONDUIT, UTILITY CONNECTIONS, MECHANICAL UNITS & DUCTWORK, RAILINGS, OR LIGHT FIXTURES. FOR PLASTER REPAIR - REFER TO TYPICAL DETAILS ON SHEET A4.1.
L. CONTRACTOR SHALL PROTECT THE SITE FROM DAMAGE AND SHALL BE REQUIRED TO RE-GRADE AND SOD ANY AREAS DISTURBED BY THIS PROJECT.
M. DIMENSIONS ARE TYPICALLY SHOWN TO FINISHED SURFACES.
N. PROVIDE PLASTER SKIM COAT AND FEATHER INTO ORIGINAL FINISH ON NEW OR INFILL WALLS - TYPICAL - UNLESS OTHERWISE NOTED.
O. PAINT ENTIRE EXISTING AND NEW WALLS IN THE SCOPE OF WORK. EXCEPTION: FULL SCOPE OF WORK IN BASEMENT (SCOUT ROOM) EXCEPT RESTROOM.
P. PROVIDE TRANSITION STRIP/THRESHOLD TRANSITION BETWEEN DISSIMILAR FLOORING MATERIALS.

FLOOR PLAN KEY NOTES:

1 NEW BELOW GRADE WATERPROOFING MEMBRANE AND FRENCH DRAIN, SEE DETAIL 1/A8.1 & SPECIFICATIONS.
2 POSSIBLE FUTURE PARTITION. (NOT IN CONTRACT)
3 NEW VIDEO SCREEN. PROVIDE STRUCTURE FOR MOUNTING AS REQUIRED.
4 NEW WALLS WITH TRANSOM WINDOWS. SEE DETAILS 5/A9.1. PROVIDE PLASTER SKIM COAT TO MATCH EXISTING WALL FINISH. PAINT.
5 NEW ADA WALL MOUNT HANDRAIL AND METAL BRACKET AT INTERIOR LOCATIONS. PROVIDE SIDEWALK SLEEVE MOUNT AT EXTERIOR LOCATIONS. PAINT.
6 NEW STORAGE CLOSET WITH ADJUSTABLE SHELVES. SEE 4/A9.1. PAINT.
7 NOT USED.
8 NEW KITCHENETTE AREA. SHEET A5.1 FOR MORE DETAILS/REQUIREMENTS. PAINT CABINET WITH MIN. OF TWO COLOR COMBINATION - COORDINATE WITH OWNER AND ARCHITECT.
9 ALIGN NEW WALL FACE WITH EXISTING WALL FACE. FEATHER NEW WALL FINISH IN TO EXISTING FINISH. PREPARE AND PAINT.
10 PROVIDE NEW "HIGH-LOW" ADA ACCESSIBLE DRINKING FOUNTAINS. REFER TO PLUMBING DRAWINGS.
11 AREA OF NEW STRUCTURE. SEE STRUCTURAL DRAWINGS.
13 CLEAN, SEAL AND BUFF EXISTING CONCRETE FLOOR.
14 8' CHAIN LINK FENCE. BOLT TO FLOOR
15 PROTECT EXISTING COLUMNS, CLEAN AND PAINT.
16 PROVIDE 4' WIDE 4" CONCRETE SIDEWALK WITH STEPS AS REQUIRED TO SIDEWALK AT SOUTH OF FAMILY LIFE CENTER. AVOID MECHANICAL UNITS & DRIVEWAY. CONTROL JOINTS @ 5'±, EXPANSION JOINTS @ 20'±.
17 NEW WALL, ALIGN WITH EACH FACE. MATCH EXISTING ADJACENT FINISH. PREPARE AND PAINT. SEE DETAIL 13/A9.1
18 FUTURE CHAIN LINK FENCE & GATES (NOT IN CONTRACT).
19 NEW ALUMINUM PRE-MANUFACTURED CANOPY - WALL MOUNT WITH BRACKET.
20 PROVIDE OBSCURE FILM WINDOW TREATMENT ON ENTIRE WINDOW.
21 NEW SEMI-RECESSED FIRE EXTINGUISHER CABINET & FIRE EXTINGUISHER.
22 NEW SURFACE MOUNTED CABINET WITH FIRE EXTINGUISHER.
23 PROVIDE NEW CARPET TILE AND RUBBER BASE OVER PREPARED CONCRETE FLOORING AS REQUIRED.
24 PROVIDE NEW VINYL COMPOSITON TILE (MIN. OF 2 COLORS) AND RUBBER BASE OVER PREPARED CONCRETE FLOORING AS REQUIRED.
25 PROVIDE NEW CERAMIC TILE FINISHES (1" MOSAIC FLOORING, BASE AND WAINSCOT). REFER TO SHEET A5.1 FOR MORE INFORMATION.
26 RESTORE EXISTING PLASTER WALLS TO WELL MAINTAINED CONDITION. MATCH ORIGINAL FINISH/TEXTURE. PAINT.
27 RESTORE EXISTING CONCRETE SLAB TO WELL MAINTAINED AND LEVEL CONDITION - READY TO ACCEPT FINISHED FLOORING.
28 NEW ELECTRICAL CABINET (FLOOR TO ORIGINAL CEILING). PROVIDE QUARTER ROUND TRIM AT CEILING AND WALL TERMINATION AND RUBBER BASE AT FLOOR. REFER TO SHEET A4.1 AND ELECTRICAL FOR MORE INFORMATION.
29 NEW CONCRETE ADA PARKING, ACCESS, WHEEL STOP AND SIGNAGE. SLOPE TO DRAIN (NOT MORE THAN 1:20).
30 REMOVE CARPET FROM WALL. RESTORE EXISTING PLASTER WALLS TO WELL MAINTAINED CONDITION. MATCH ORIGINAL FINISH/TEXTURE. PAINT.

FLOOR PLAN LEGEND:

- WORK AREA
- FUTURE RENOVATIONS (N.I.C)
- NEW 20. GA. METAL STUD & 5/8" TYPE X GWB WALL
- NEW MTL. STUD WALL & TRANSOMS
- DETAILED AREA INDICATION
- # DRAWING KEY NOTE INDICATION

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3 RENOVATIONS
MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT Belinda J. Stewart 22627 Eupora MS STATE OF MISSISSIPPI

PROJECT #: 0902
DATE: MARCH 22, 2011
REVISION:
SHEET:
PLANS
A2.3

ROOM FINISH SCHEDULE

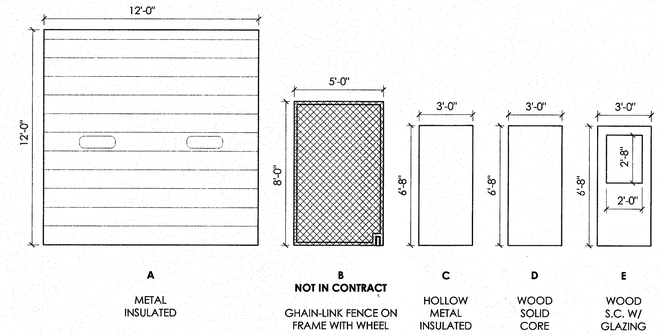
ROOM NAME	RM#	FLOOR	WALLS	CEILING	BASE	REMARKS
BASEMENT						
MULTI USE AREA	B-01	EX-S	GWB-P+EX	NONE	R	BASE & PAINT ON NEW WALLS ONLY
STORAGE	B-02	EX-S	GWB-P+EX	NONE	R	BASE & PAINT ON NEW WALLS ONLY
STORAGE	B-03	EX-S	GWB-P+EX	NONE	R	BASE & PAINT ON NEW WALLS ONLY
ROOM	B-04	EX-S	GWB-P+EX	NONE	R	BASE & PAINT ON NEW WALLS ONLY
ROOM	B-05	EX-S	GWB-P+EX	NONE	R	BASE & PAINT ON NEW WALLS ONLY
RESTROOM	B-06	VCT	GWB-P	LAT	CT	CERAMIC TILE WNSCT. FIXTURE WALL
STAIR	B-07	CONC	GWB-P+EX	NONE	R	BASE & PAINT ON NEW WALLS ONLY
HALL	B-08	EX-S	GWB-P+EX	NONE	R	BASE & PAINT ON NEW WALLS ONLY
STORAGE	B-09	EX-S	GWB-P+EX	NONE	R	BASE & PAINT ON NEW WALLS ONLY
LOWER FLOOR						
YOUTH RECREATION	001	C	EX-P	EX	R	
KITCHEN/DINING	002	VCT	--	EX	R	
STORAGE	003	VCT	--	LAT	R	
HALL	004	VCT+P	--	EX	R	PAINT STAIR TREADS & RISERS
NOT USED	005			--	--	
JANITOR	006	VCT	--	--	R	
STORAGE	007	--	--	--	--	
LOBBY	008	--	--	--	--	
STORAGE	009	--	--	--	--	
A/V ROOM	010	VCT	EX+GWB-P	EX	R	VCT TO FRONT OF STAGE PLATFORM
STORAGE	011	--	--	--	--	
YOUTH OPEN CLRM.	012	C	EX-P	LAT+GWB-P	R	
MEN'S RESTROOM	013	CT	EX+GWB-P	GWB-P	CT	CERAMIC TILE WNSCT. FIXTURE WALL
WOMEN'S RESTROOM	014	CT	EX+GWB-P	GWB-P	CT	CERAMIC TILE WNSCT. FIXTURE WALL
STORAGE/MECH.	015	CONC	GWB-P+EX	--	--	SEAL STRS.+LAND.,PAINT GWB ONLY
STORAGE	016	C	EX+GWB-P	GWB-P	R	
YOUTH CLASSROOM	017A	C	EX+GWB-P	LAT+GWB-P	R	
YOUTH CLASSROOM	017B	C	EX+GWB-P	LAT+GWB-P	R	
STORAGE	018	C	GWB-P	GWB-P	R	
STORAGE	019	C	GWB-P	GWB-P	R	
HALL	020	C	EX+GWB-P	LAT+GWB-P	R	
STORAGE	021	C	GWB-P	GWB-P	R	
STORAGE	022	C	GWB-P	GWB-P	R	
YOUTH CLASSROOM	023A	C	EX+GWB-P	LAT+GWB-P	R	
YOUTH CLASSROOM	023B	C	EX+GWB-P	LAT+GWB-P	R	
STORAGE	024	C	EX+GWB-P	GWB-P	R	
STORAGE	025	C	GWB-P	GWB-P	R	
HALL	026	C	GWB-P	GWB-P	R	
STORAGE	027	C	GWB-P	GWB-P	R	
STORAGE	028	C	EX+GWB-P	GWB-P	R	
YOUTH CLASSROOM	029A	C	EX+GWB-P	LAT+GWB-P	R	
YOUTH CLASSROOM	029B	C	EX+GWB-P	LAT+GWB-P	R	
STORAGE	030	C	GWB-P	GWB-P	R	
STORAGE	031	C	GWB-P	GWB-P	R	
UPPER FLOOR						
CHILD. OPEN CLSRM.	201	C	EX+GWB-P	LAT+GWB-P	R	
CHILDERN'S CLSRM.	202	C	EX+GWB-P	LAT+GWB-P	R	
STORAGE	203	C	EX+GWB-P	GWB-P	R	
STORAGE	204	C	GWB-P	GWB-P	R	
STORAGE	205	C	GWB-P	GWB-P	R	
CHILDERN'S CLSRM.	206	C	EX+GWB-P	LAT+GWB-P	R	
STORAGE	207	C	EX+GWB-P	GWB-P	R	
CHILDERN'S CLSRM.	208	C	EX+GWB-P	LAT+GWB-P	R	
STORAGE	209	C	GWB-P	GWB-P	R	
STORAGE	210	C	GWB-P	GWB-P	R	
STORAGE	211	C	EX+GWB-P	GWB-P	R	
CHILDERN'S CLSRM.	212	C	EX+GWB-P	LAT+GWB-P	R	
STORAGE	213	C	GWB-P	GWB-P	R	
STORAGE	214	C	GWB-P	GWB-P	R	
CHILD. OPEN CLSRM.	215	C	EX+GWB-P	LAT+GWB-P	R	
FOYER	216	VCT	EX+GWB-P	GWB-P	R	
RESTROOM	217	CT	EX+GWB-P	GWB-P	CT	CERAMIC TILE WNSCT. FIXTURE WALL
CLOSET	218	C	GWB-P	GWB-P	R	
STORAGE	219	C	EX+GWB-P	GWB-P	R	
CLOSET	220	C	EX+GWB-P	GWB-P	R	
CHILD. OPEN CLSRM.	221	C	EX+GWB-P	GWB-P	R	
STORAGE	222	C	GWB-P	GWB-P	R	
CLOSET	223	C	GWB-P	GWB-P	R	
RESTROOM	224	CT	EX+GWB-P	GWB-P	CT	CERAMIC TILE WNSCT. FIXTURE WALL
WORK ROOM	225	C	EX+GWB-P	LAT+GWB-P	R	
WOMEN'S RESTROOM	226	CT	EX+GWB-P	GWB-P	CT	CERAMIC TILE WNSCT. FIXTURE WALL
MEN'S RESTROOM	224	CT	EX+GWB-P	GWB-P	CT	CERAMIC TILE WNSCT. FIXTURE WALL

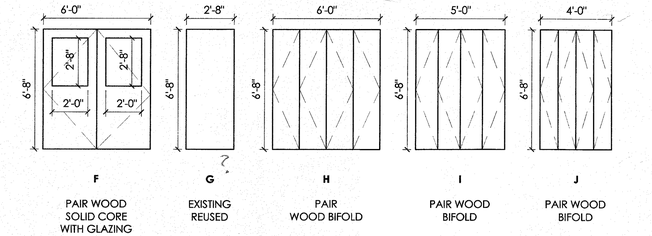
LEGEND: C= CARPET TILE, CONC = NEW CONCRETE SEALED, CT = CERAMIC TILE, EX = EXISTING, GWB = GYPSUM WALL BOARD, LAT = LAY IN ACOUSTICAL TILE IN SUSPENDED GRID, P = PAINT, R = RUBBER BASE, S = CLEAN, SEAL & BUFF CONCRETE FLOOR, VCT = VINYL COMPOSITION TILE, -- = NO NEW FINISH

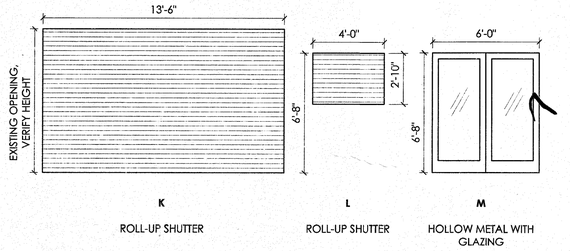
DOOR SCHEDULE

MARK	TYPE	WIDTH x HEIGHT	THICKNESS	DOOR: NEW	DOOR: EXISTING	DOOR: RELOCATED	FRAME TYPE	HARDWARE TYPE	NOTES
BASEMENT									
B-01A	A	12'-0"x12'-0"		o				BY MFGR	HARDWARE BY DOOR MANUFACTURER
B-01B	C	3'-0"x6'-8"	1 3/4"	o			A	HW-3	
B-02	B	PR 5'-0"x8'-0"		o					NOT IN CONTRACT
B-03	F	PR 3'-0"x6'-8"	1 3/4"	o			E	HW-2	
B-04	D	3'-0"x6'-8"	1 3/4"	o			E	HW-6	
B-05	D	3'-0"x6'-8"	1 3/4"	o			E	HW-6	
B-06	D	3'-0"x6'-8"	1 3/4"	o			E	HW-4	
B-07	C	3'-0"x6'-8"	1 3/4"	o			A	HW-3	
B-09	D	3'-0"x6'-8"	1 3/4"				D	HW-7	
LOWER FLOOR									
001	C	3'-0" x 6'-8"	1 3/4"	o			EXIST	HW-3	
002	F	PR. 3'-0" x 6'-8"	1 3/4"	o			E	HW-1	
003	D	3'-0" x 6'-8"	1 3/4"	o			E	HW-7	
009	D	3'-0" x 6'-8"	1 3/4"	o			E	HW-7	
010A	D	3'-0" x 6'-8"	1 3/4"	o			E	HW-7	
0101B	K	13'-6" x		o			--	BY MFGR.	HARDWARE BY DOOR MANUFACTURER
013	D	3'-0" x 6'-8"	1 3/4"	o			E	HW-5	
014	D	3'-0" x 6'-8"	1 3/4"	o			E	HW-5	
015	C	3'-0" x 6'-8"	1 3/4"	o			A	HW-8	
016	I	5'-0" x 6'-8"	1 3/4"	o			G	BIFOLD	
017A	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
017B	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
018	I	5'-0" x 6'-8"	1 3/4"	o			G	BIFOLD	
019	I	5'-0" x 6'-8"	1 3/4"	o			G	BIFOLD	
021	I	5'-0" x 6'-8"	1 3/4"	o			G	BIFOLD	
022	I	5'-0" x 6'-8"	1 3/4"	o			G	BIFOLD	
023A	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
023B	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
024	J	4'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
025	J	4'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
027	J	4'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
028	J	4'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
029A	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
029B	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
030	I	5'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
031	I	5'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
UPPER FLOOR									
202	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
203	I	5'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
204	I	5'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
205	I	5'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
206A	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
206B	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
207	H	6'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
208	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
209	I	5'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
210	I	5'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
211	I	5'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
212A	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
212B	E	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
213	J	4'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
214	J	4'-0" x 6'-8"	1 3/4"	o			F	BIFOLD	
216	M	PR 3'-0" x 6'-8"	1 3/4"	o			E	HW-1	
217	D	3'-0" x 6'-8"	1 3/4"	o			C	HW-4	
218	G	2'-8" x 6'-8"	1 3/4"			o	E	HW-7	
219	G	2'-8" x 6'-8"	1 3/4"			o	C	HW-7	
220A	D	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
220B	L	4'-0" x 2'-10"		o			--	BY MFGR.	LOCK FROM ROOM 220 HARDWARE BY DOOR MANUFACTURER
221	F	PR. 3'-0" x 6'-8"	1 3/4"	o			E	HW-1	
222	G	2'-8" x 6'-8"	1 3/4"			o	E	HW-7	
223	G	2'-8" x 6'-8"	1 3/4"			o	E	HW-7	
224	D	3'-0" x 6'-8"	1 3/4"	o			E	HW-4	
225	D	3'-0" x 6'-8"	1 3/4"	o			E	HW-6	
226	D	3'-0" x 6'-8"	1 3/4"	o			E	HW-5	
240	D	3'-0" x 6'-8"	1 3/4"	o			E	HW-5	

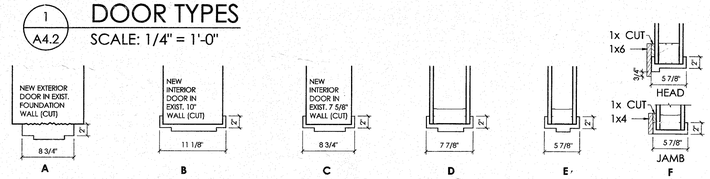
GENERAL DOOR NOTES:
NOTE:
A. ALL GLAZING IN DOORS AND FRAMES SHALL BE TEMPERED.
B. CONTRACTOR SHALL VERIFY ALL DOOR OPENINGS AND FRAMES PRIOR TO MANUFACTURER. REPAIR OF HARDWARE MANUFACTURER.
C. WHERE EXISTING DOORS ARE REUSED, PROVIDE PATCH/REPAIR TO RECEIVE NEW HARDWARE. REPAIR TO WELL MAINTAINED CONDITION.
D. RESTORE EXISTING DOOR (WITHIN SCOPE OF WORK), FRAMES, THRESHOLDS, TO WELL MAINTAINED, FULLY OPERATIONAL CONDITION. CLEAN, PREPARE, PAINT.
E. PROVIDE PREPARATION AND PAINT FOR ALL NEW DOORS.







1 A4.2 DOOR TYPES
SCALE: 1/4" = 1'-0"



2 A4.2 DOOR FRAME TYPES
SCALE: 1" = 1'-0"

DOOR HARDWARE SCHEDULE

HW-1
6 HINGES
2 CLOSERS
2 VERTICAL ROD DEVICES & ENTRY LEVER SET
2 KICK PLATES
10 SILENCERS
2 SWEEPS

HW-2
6 HINGES
1 CYLINDER
1 LOCKSET
2 FLUSH BOLTS
1 FLOOR STOP
6 SILENCERS

HW-3
3 HINGES
1 VERTICAL ROD DEVICE & ENTRY LOCK SET
1 CYLINDER
1 CLOSER
1 KICKPLATE
1 THRESHOLD
1 SWEEP
3 SILENCERS

HW-4
3 HINGES
1 CLOSER
1 PRIVACY LOCKSET (MORTISE TYPE) WITH "IN USE" INDICATOR
1 CYLINDER
1 KICK PLATE
1 WALL/FLOOR STOP AS REQUIRED

HW-5
3 HINGES
1 PULL
1 PUSH PLATE
1 FLOOR/WALL STOP AS REQUIRED
1 CLOSER
3 SILENCERS

HW-6
3 HINGES
1 LOCKSET (CLASSROOM)
1 CYLINDER
3 SILENCERS
1 WALL/FLOOR STOP AS REQUIRED

HW-7
3 HINGES
1 STORAGE LOCKSET
1 CYLINDER
3 SILENCERS
1 FLOOR/WALL STOP AS REQUIRED

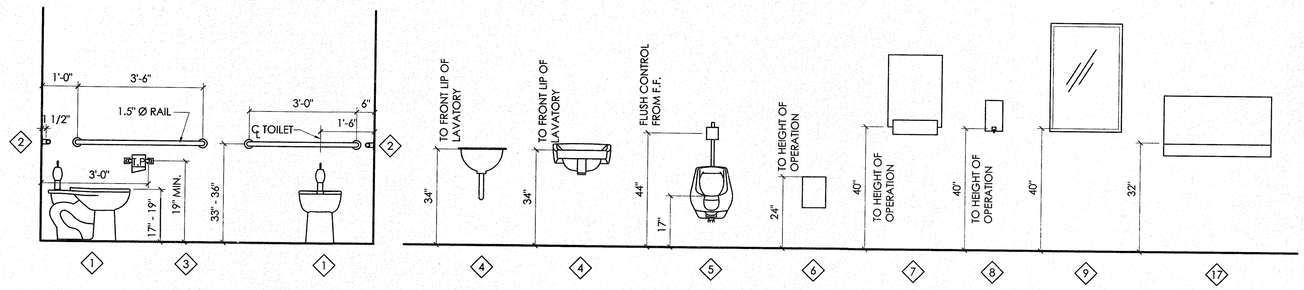
HW-8
3 HINGES
1 VERTICAL ROD DEVICE
1 PASSAGE LOCKSET
3 SILENCERS

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

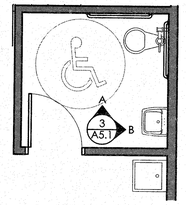
HIGHLAND BAPTIST CHURCH - PHASE 3
RENOVATIONS
MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT Belinda J. Stewart 22627 Ecru MISSISSIPPI

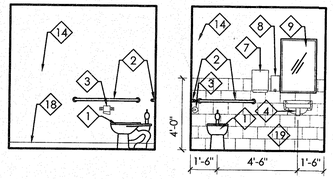
PROJECT #: 0902
DATE: MARCH 22, 2011
REVISION:
SHEET:
SCHEDULES
A4.2



1 A5.1 **MOUNTING HEIGHTS**
SCALE: 1/2" = 1'-0"



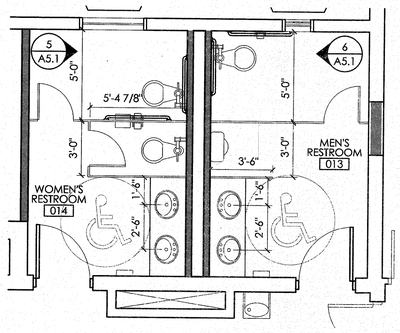
2 A5.1 **RESTROOM B-06**
SCALE: 1/4" = 1'-0"



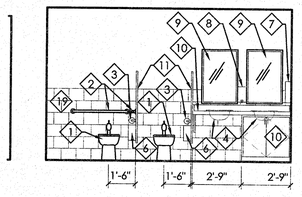
3 A5.1 **RESTROOM B-06**
SCALE: 1/4" = 1'-0"

RESTROOM KEY NOTES:

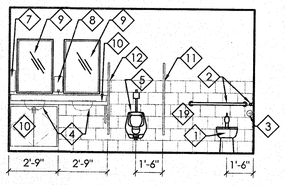
1. TOILET, SEE PLUMBING PLANS
2. GRAB BAR
3. TOILET PAPER DISPENSER
4. LAVATORY, SEE PLUMBING PLANS
5. URINAL, SEE PLUMBING PLANS
6. SANITARY NAPKIN DISPOSAL
7. PAPER TOWEL DISPENSER
8. SOAP DISPENSER
9. FRAMED MIRROR
10. LAMINATED COUNTER, SEE 6 & 7/A9.1
11. TOILET PARTITION
12. URINAL SCREEN
13. EXISTING WINDOW TO REMAIN, PROTECT
14. GYPSUM WALL BOARD ON METAL STUDS, PAINT
15. METAL STUD, NO FINISH, SEE STRUCTURAL
16. OBSCURE WINDOW TREATMENT REQUIRED
17. BABY CHANGING FOLD DOWN SHELF
18. RUBBER BASE
19. CERAMIC TILE WAINSCOT FIXTURE WALL ONLY.
20. SUSPENSION WIRE FOR CEILING GRID



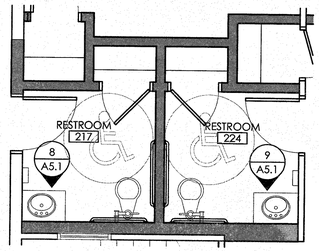
4 A5.1 **WOMEN'S RESTROOM 014**
MEN'S RESTROOM 013
SCALE: 1/4" = 1'-0"



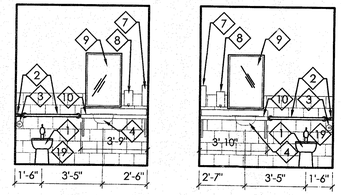
5 A5.1 **WOMEN'S RESTROOM 014**
SCALE: 1/4" = 1'-0"



6 A5.1 **MEN'S RESTROOM 013**
SCALE: 1/4" = 1'-0"

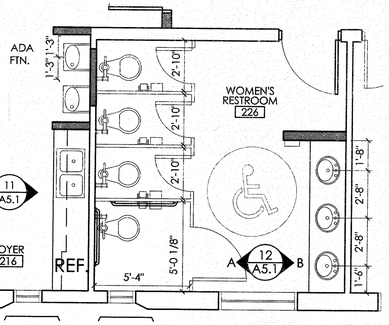


7 A5.1 **RESTROOM 217**
RESTROOM 224
SCALE: 1/4" = 1'-0"

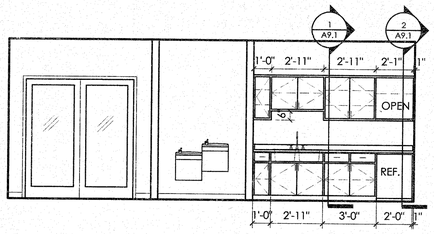


8 A5.1 **RESTROOM 217**
SCALE: 1/4" = 1'-0"

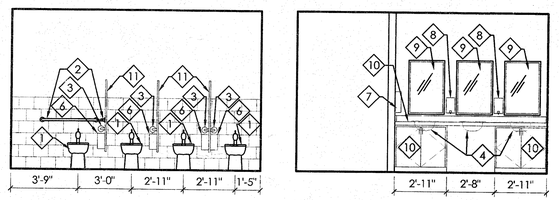
9 A5.1 **RESTROOM 224**
SCALE: 1/4" = 1'-0"



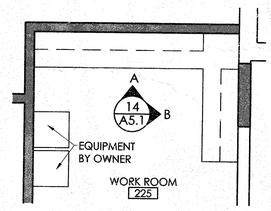
10 A5.1 **FOYER 216**
RESTROOM 226
SCALE: 1/4" = 1'-0"



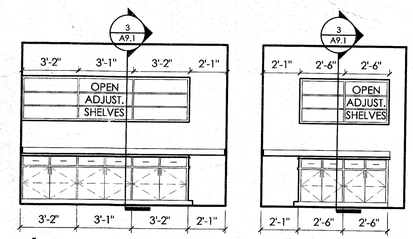
11 A5.1 **FOYER 216**
SCALE: 1/4" = 1'-0"



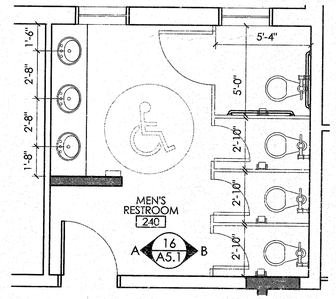
12 A5.1 **RESTROOM 226**
SCALE: 1/4" = 1'-0"



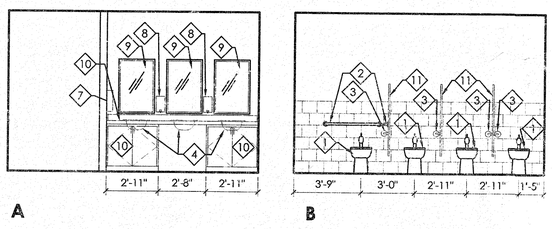
13 A5.1 **WORK ROOM 225**
SCALE: 1/4" = 1'-0"



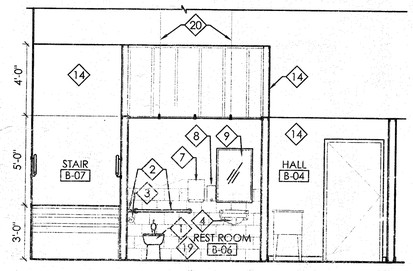
14 A5.1 **WORK ROOM 225**
SCALE: 1/4" = 1'-0"



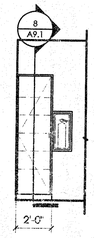
15 A5.1 **MEN'S RESTROOM 240**
SCALE: 1/4" = 1'-0"



16 A5.1 **MEN'S RESTROOM 240**
SCALE: 1/4" = 1'-0"



17 A5.1 **BASEMENT RESTROOM B-06**
& STAIR B-07 SECTION
SCALE: 1/4" = 1'-0"



18 A5.1 **STORAGE CABINET**
SCALE: 1/4" = 1'-0"

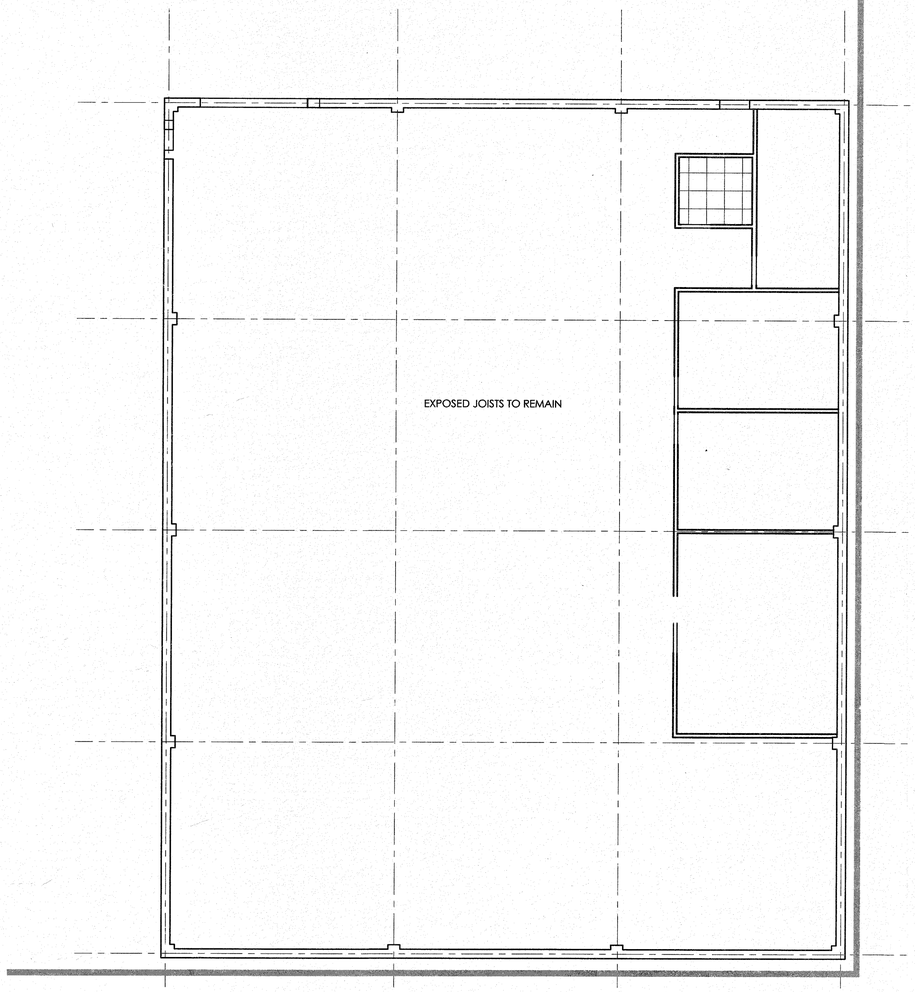
BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3
RENOVATIONS
MERIDIAN, MISSISSIPPI

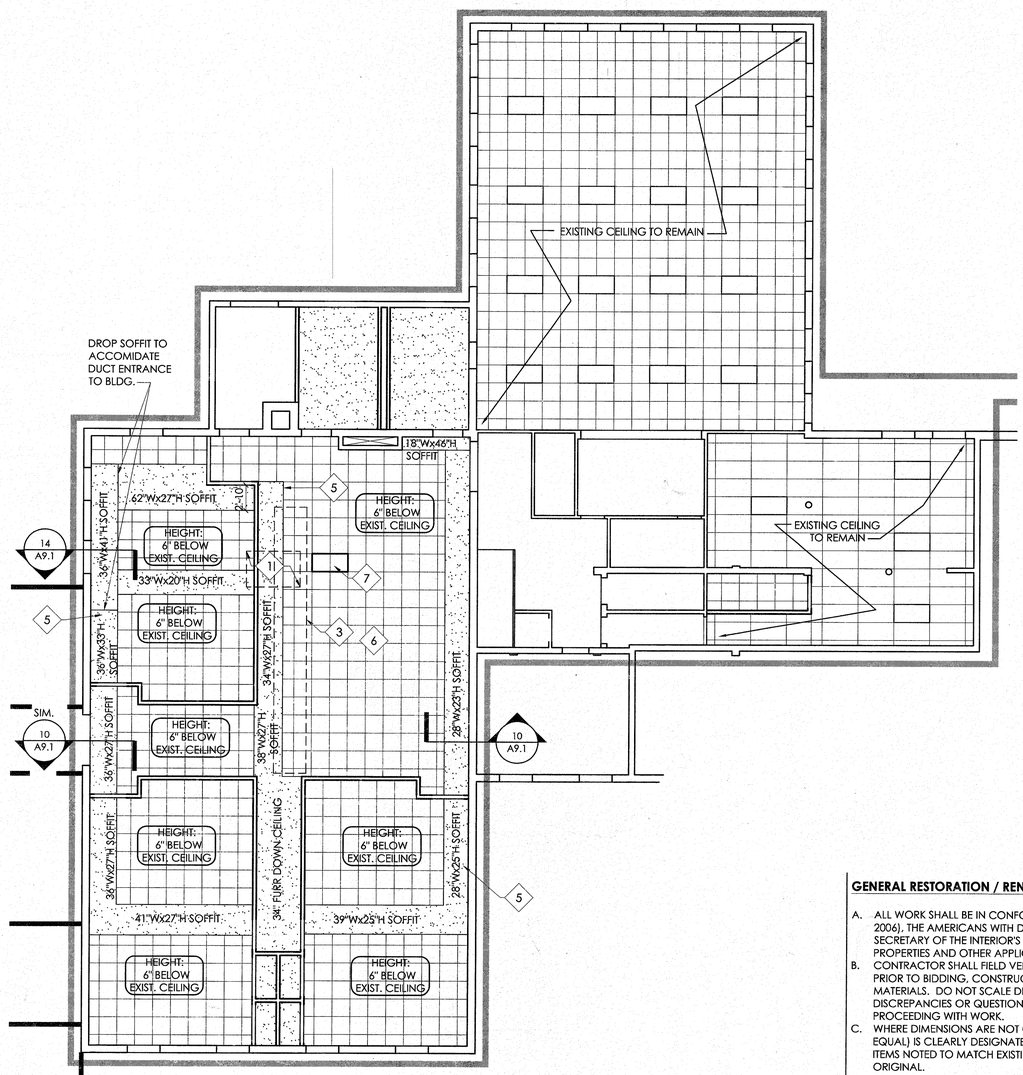
REGISTERED ARCHITECT Belinda J. Stewart 22657 Eupora, MS STATE OF MISSISSIPPI

PROJECT #: 0902
DATE: MARCH 22, 2011
REVISION:
SHEET:
ELEVATION

A5.1



1 A6.1 REFLECTED CEILING PLAN BASEMENT (SCOUT ROOM)
SCALE: 1/8" = 1'-0"



2 A6.1 REFLECTED CEILING PLAN LOWER FLOOR
SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND:

- WORK AREA
- FUTURE RENOVATIONS
- NEW ACOUSTICAL TILE IN SUSPENDED GRID WITH INSULATION ABOVE -PAINT (SPRAY) TILES
- NEW TYPE X GYPSUM BOARD CEILING, PAINTED
- EXISTING CEILING, NO WORK
- # DRAWING KEY NOTE INDICATION

REFLECTED CEILING PLAN KEY NOTES: NUMBERS SHOWN ◇ ON DRAWING

1 REMOVE EXISTING ACCESS PANEL / HATCH, INFILL WITH 5/8" TYPE "X" GWB, REPAIR PLASTER. PAINT.

2 INDICATES STAIR WELL BELOW

3 REPAIR PLASTER CEILING TO A WELL MAINTAINED CONDITION WHERE CUT FOR ACCESS TO PLUMBING LINE. REFER TO MECHANICAL/PLUMBING DRAWINGS FOR MORE INFORMATION AND DETAIL 3/A4.1, TYPICAL. PAINT.

4 REPAIR EXISTING PLASTER CEILING TO WELL MAINTAINED CONDITION.

5 NEW MECHANICAL DUCTWORK FURRING/SOFFIT. REFER TO A9.1 FOR MORE INFORMATION. PAINT.

6 PROVIDE BLOCKING BEHIND CEILING FOR EQUIPMENT INSTALLATION.

7 NEW 2'x4' ACCESS PANEL. ALIGN WITH TILE GRID

GENERAL RESTORATION / RENOVATION NOTES:

A. ALL WORK SHALL BE IN CONFORMANCE WITH CURRENT BUILDING CODES (IBC 2006), THE AMERICANS WITH DISABILITIES ACT, INDUSTRY STANDARDS, SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES AND OTHER APPLICABLE REGULATIONS.
B. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS AND EXISTING CONDITIONS PRIOR TO BIDDING, CONSTRUCTION, FABRICATION OR ORDERING OF MATERIALS. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR QUESTIONABLE LAYOUT DIMENSIONS PRIOR TO PROCEEDING WITH WORK.
C. WHERE DIMENSIONS ARE NOT GIVEN BUT RELATIONSHIP (ALIGN, ADJACENT, EQUAL) IS CLEARLY DESIGNATED ON DRAWINGS, CONSTRUCT AS SUCH. ALL ITEMS NOTED TO MATCH EXISTING SHALL BE AN EXACT MATCH TO THE ORIGINAL.
D. PROTECT FROM DAMAGE ALL EXISTING WORK, FEATURES, AND ELEMENTS TO REMAIN. DO NOT REMOVE, CUT, MODIFY, OR OTHERWISE DAMAGE ANY HISTORIC MATERIAL OR ELEMENT WITHOUT OBTAINING PRIOR APPROVAL FROM THE ARCHITECT, UNLESS OTHERWISE INDICATED.
E. INSPECT ALL SUBSTRATES, FRAMING, OR ANY OTHER ELEMENT HIDDEN FROM VIEW. NOTIFY ARCHITECT OF ANY UNFORESEEN DETERIORATED OR DAMAGED CONDITIONS.
F. PROVIDE TERMITE TREATMENT/CONTROL FOR ANY SOIL DISTURBED BY THIS PROJECT.
G. KEEP WORKSITE CLEAN AND ORDERLY. CLEAN UP DAILY AT ALL AREAS EXPOSED TO PUBLIC VIEW.
H. MAINTAIN ENTRANCE TO THE BUILDING DURING THE WORK OF THIS CONTRACT. PROTECT TENANTS, PEDESTRIANS AND PUBLIC FROM ANY HARM.
I. PROVIDE TEMPORARY WATERTIGHT BARRIERS AT EXPOSED LOCATIONS.
J. PLANT REMOVAL: NO PLANTS SHALL BE REMOVED WITHOUT THE ARCHITECTS APPROVAL. THE GENERAL CONTRACTOR IS TO CLEARLY MARK ALL PLANTS THAT ARE TO BE REMOVED OR PROTECTED AND NOTIFY THE ARCHITECT FOR APPROVAL BEFORE REMOVAL BEGINS. THE GENERAL CONTRACTOR SHALL CLEARLY INDICATE THE METHOD OF PROTECTION, SUBJECT TO ARCHITECTS APPROVAL, FOR ALL PLANTS MARKED FOR PROTECTION.
K. REPAIR TO MATCH ORIGINAL ALL AREAS EFFECTED BY THE REMOVAL OF FOREIGN ELEMENTS FROM THE INTERIOR SURFACES INCLUDING BUT NOT LIMITED TO, CONDUIT, UTILITY CONNECTIONS, MECHANICAL UNITS & DUCTWORK, RAILINGS, OR LIGHT FIXTURES. FOR PLASTER REPAIR - REFER TO TYPICAL DETAILS ON SHEET A4.1.
L. CONTRACTOR SHALL PROTECT THE SITE FROM DAMAGE AND SHALL BE REQUIRED TO RE-GRADE AND SOD ANY AREAS DISTURBED BY THIS PROJECT.
M. DIMENSIONS ARE TYPICALLY SHOWN TO FINISHED SURFACES.
N. PROVIDE PLASTER SKIM COAT AND FEATHER INTO ORIGINAL FINISH ON NEW OR INFILL WALLS/CEILINGS - TYPICAL - UNLESS OTHERWISE NOTED.
O. PAINT ENTIRE EXISTING AND NEW WALLS IN THE SCOPE OF WORK. EXCEPTION: FULL SCOPE OF WORK IN BASEMENT (SCOUT ROOM) EXCEPT RESTROOM.
P. PROVIDE TRANSITION STRIP/THRESHOLD TRANSITION BETWEEN DISSIMILAR FLOORING MATERIALS.

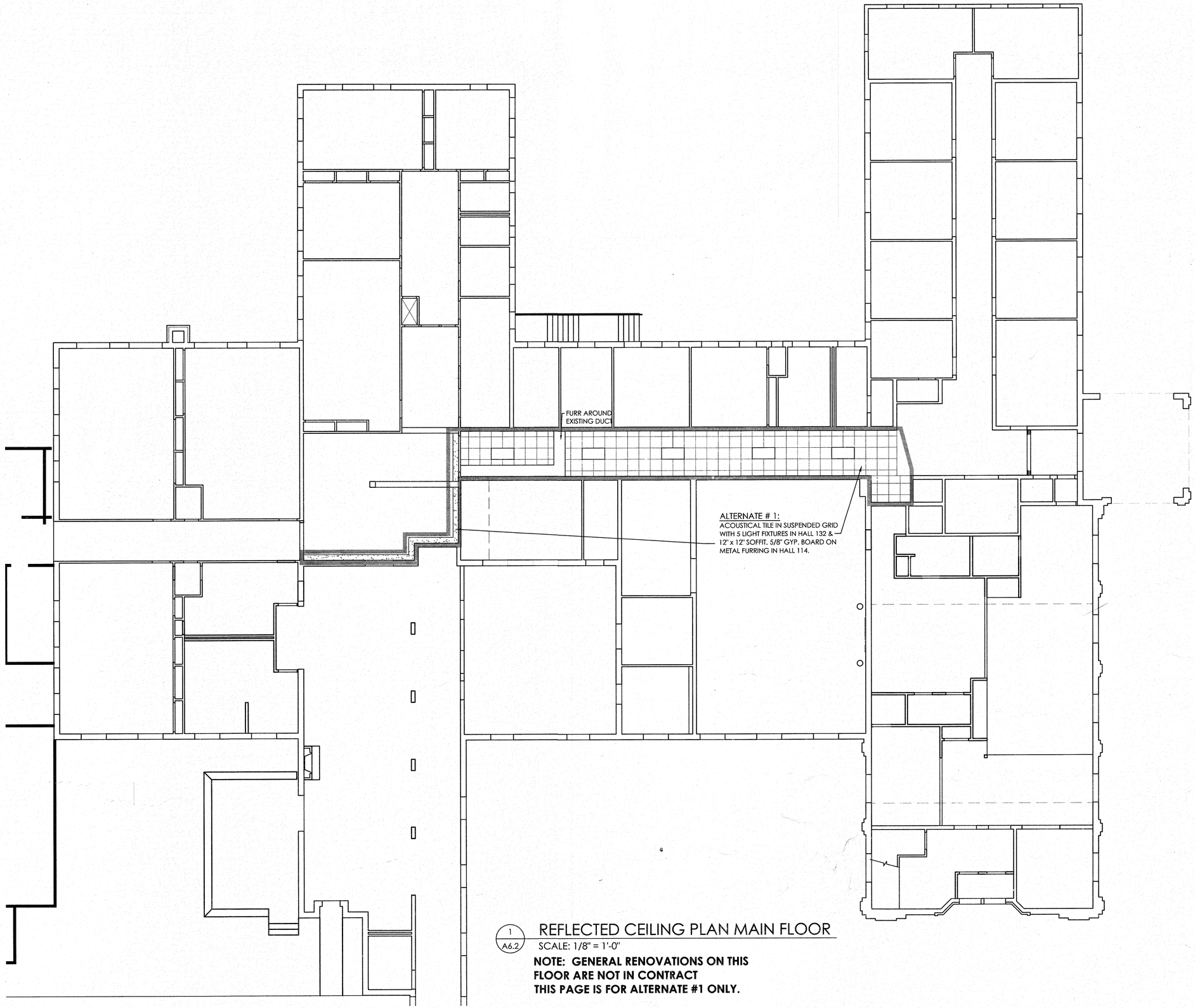
BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3
RENOVATIONS
MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT Belinda J. Stewart 2258 Oxford, MS STATE OF MISSISSIPPI

PROJECT #: 0902
DATE: MARCH 22, 2011
REVISION:
SHEET:
RFL CLG PLN

A6.1



REFLECTED CEILING PLAN LEGEND:

- WORK AREA
- FUTURE RENOVATIONS
- NEW ACOUSTICAL TILE IN SUSPENDED GRID WITH INSULATION ABOVE -PAINT (SPRAY) TILES
- NEW TYPE X GYPSUM BOARD CEILING, PAINTED
- EXISTING CEILING, NO WORK
- (#) DRAWING KEY NOTE INDICATION

1 / A6.2 REFLECTED CEILING PLAN MAIN FLOOR

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

NOTE: GENERAL RENOVATIONS ON THIS FLOOR ARE NOT IN CONTRACT THIS PAGE IS FOR ALTERNATE #1 ONLY.

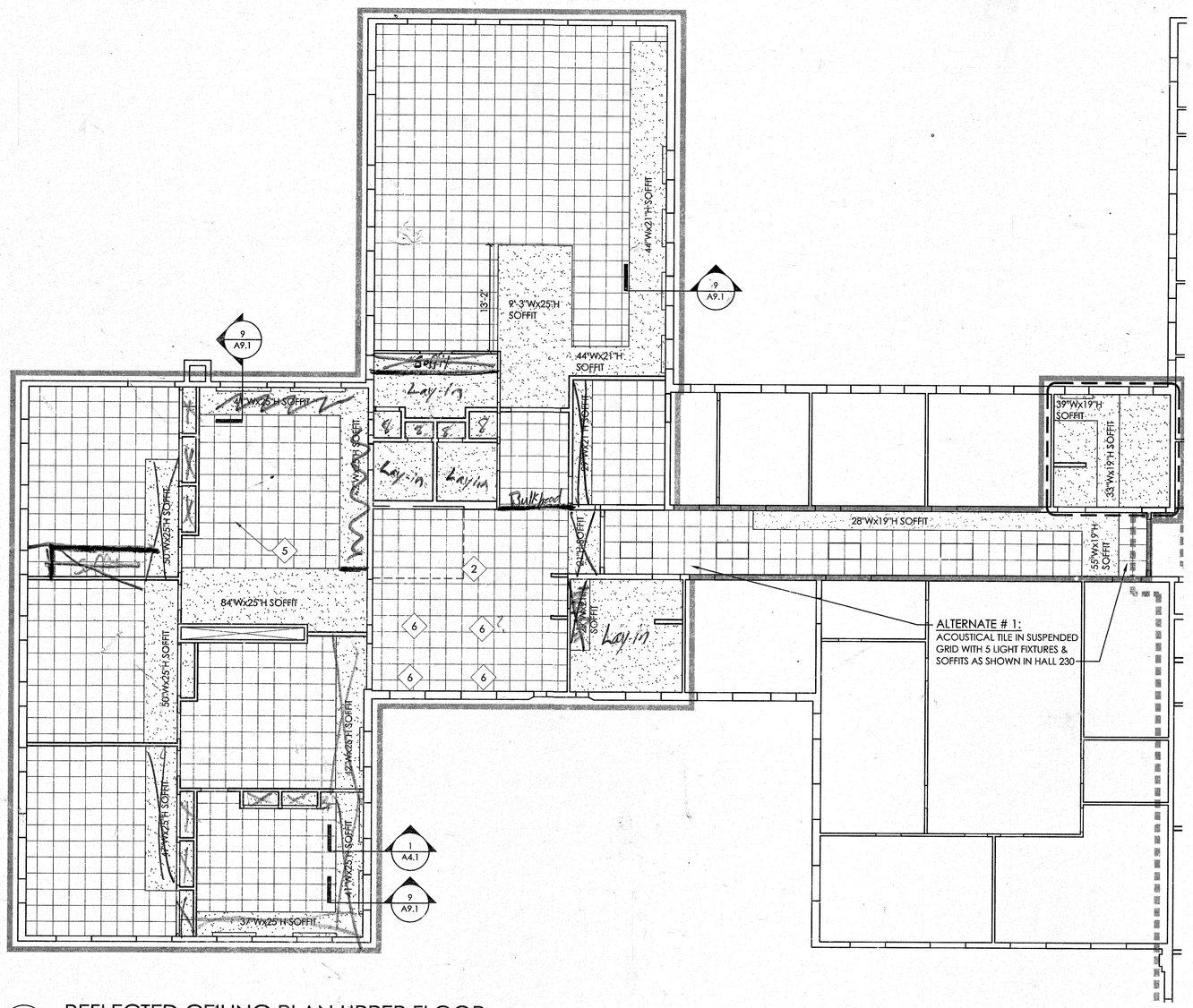
BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3
RENOVATIONS
MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT Belinda J. Stewart 22637 Eupora, MS STATE OF MISSISSIPPI

PROJECT #: 0902
DATE: MARCH 22, 2011
REVISION:
SHEET:
RFL CLG PLN

A6.2



1 / A6.3 REFLECTED CEILING PLAN UPPER FLOOR

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

REFLECTED CEILING PLAN LEGEND:

- WORK AREA
- FUTURE RENOVATIONS
- NEW ACOUSTICAL TILE IN SUSPENDED GRID WITH INSULATION ABOVE -PAINT (SPRAY) TILES
- NEW TYPE X GYPSUM BOARD CEILING, PAINTED
- EXISTING CEILING, NO WORK
- (#) DRAWING KEY NOTE INDICATION

REFLECTED CEILING PLAN KEY NOTES: NUMBERS SHOWN (◇) ON DRAWING

1. REMOVE EXISTING ACCESS PANEL / HATCH, INFILL WITH 5/8" TYPE "X" GWB, REPAIR PLASTER, PAINT.
2. INDICATES STAIR WELL BELOW
3. REPAIR PLASTER CEILING TO A WELL MAINTAINED CONDITION WHERE CUT FOR ACCESS TO PLUMBING LINE. REFER TO MECHANICAL/PLUMBING DRAWINGS FOR MORE INFORMATION AND DETAIL 3/A4.1, TYPICAL. PAINT.
4. REPAIR EXISTING PLASTER CEILING TO WELL MAINTAINED CONDITION.
5. NEW MECHANICAL DUCTWORK FURRING/SOFFIT. REFER TO A9.1 FOR MORE INFORMATION. PAINT.
6. PROVIDE BLOCKING BEHIND CEILING FOR EQUIPMENT INSTALLATION.
7. NEW 2'x4' ACCESS PANEL, ALIGN WITH TILE GRID

GENERAL RESTORATION / RENOVATION NOTES:

A. ALL WORK SHALL BE IN CONFORMANCE WITH CURRENT BUILDING CODES (IBC 2006), THE AMERICANS WITH DISABILITIES ACT, INDUSTRY STANDARDS, SECRETARY OF THE INTERIOR'S STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES AND OTHER APPLICABLE REGULATIONS.
B. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS AND EXISTING CONDITIONS PRIOR TO BIDDING, CONSTRUCTION, FABRICATION OR ORDERING OF MATERIALS. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR QUESTIONABLE LAYOUT DIMENSIONS PRIOR TO PROCEEDING WITH WORK.
C. WHERE DIMENSIONS ARE NOT GIVEN BUT RELATIONSHIP (ALIGN, ADJACENT, EQUAL) IS CLEARLY DESIGNATED ON DRAWINGS, CONSTRUCT AS SUCH. ALL ITEMS NOTED TO MATCH EXISTING SHALL BE AN EXACT MATCH TO THE ORIGINAL.
D. PROTECT FROM DAMAGE ALL EXISTING WORK, FEATURES, AND ELEMENTS TO REMAIN. DO NOT REMOVE, CUT, MODIFY, OR OTHERWISE DAMAGE ANY HISTORIC MATERIAL OR ELEMENT WITHOUT OBTAINING PRIOR APPROVAL FROM THE ARCHITECT, UNLESS OTHERWISE INDICATED.
E. INSPECT ALL SUBSTRATES, FRAMING, OR ANY OTHER ELEMENT HIDDEN FROM VIEW. NOTIFY ARCHITECT OF ANY UNFORESEEN DETERIORATED OR DAMAGED CONDITIONS.
F. PROVIDE TERMITE TREATMENT/CONTROL FOR ANY SOIL DISTURBED BY THIS PROJECT.
G. KEEP WORKSITE CLEAN AND ORDERLY. CLEAN UP DAILY AT ALL AREAS EXPOSED TO PUBLIC VIEW.
H. MAINTAIN ENTRANCE TO THE BUILDING DURING THE WORK OF THIS CONTRACT. PROTECT TENANTS, PEDESTRIANS AND PUBLIC FROM ANY HARM.
I. PROVIDE TEMPORARY WATERTIGHT BARRIERS AT EXPOSED LOCATIONS.
J. PLANT REMOVAL: NO PLANTS SHALL BE REMOVED WITHOUT THE ARCHITECTS APPROVAL. THE GENERAL CONTRACTOR IS TO CLEARLY MARK ALL PLANTS THAT ARE TO BE REMOVED OR PROTECTED AND NOTIFY THE ARCHITECT FOR APPROVAL BEFORE REMOVAL BEGINS. THE GENERAL CONTRACTOR SHALL CLEARLY INDICATE THE METHOD OF PROTECTION, SUBJECT TO ARCHITECTS APPROVAL, FOR ALL PLANTS MARKED FOR PROTECTION.
K. REPAIR TO MATCH ORIGINAL ALL AREAS EFFECTED BY THE REMOVAL OF FOREIGN ELEMENTS FROM THE INTERIOR SURFACES INCLUDING BUT NOT LIMITED TO, CONDUIT, UTILITY CONNECTIONS, MECHANICAL UNITS & DUCTWORK, RAILINGS, OR LIGHT FIXTURES. FOR PLASTER REPAIR - REFER TO TYPICAL DETAILS ON SHEET A4.1.
L. CONTRACTOR SHALL PROTECT THE SITE FROM DAMAGE AND SHALL BE REQUIRED TO RE-GRADE AND SOD ANY AREAS DISTURBED BY THIS PROJECT.
M. DIMENSIONS ARE TYPICALLY SHOWN TO FINISHED SURFACES.
N. PROVIDE PLASTER SKIM COAT AND FEATHER INTO ORIGINAL FINISH ON NEW OR INFILL WALLS/CEILINGS - TYPICAL - UNLESS OTHERWISE NOTED.
O. PAINT ENTIRE EXISTING AND NEW WALLS IN THE SCOPE OF WORK. EXCEPTION: FULL SCOPE OF WORK IN BASEMENT (SCOUT ROOM) EXCEPT RESTROOM.
P. PROVIDE TRANSITION STRIP/THRESHOLD TRANSITION BETWEEN DISSIMILAR FLOORING MATERIALS.

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3
RENOVATIONS
MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT Belinda J. Stewart, AIA 2267 Eupora, MS STATE OF MISSISSIPPI

PROJECT #: 0902

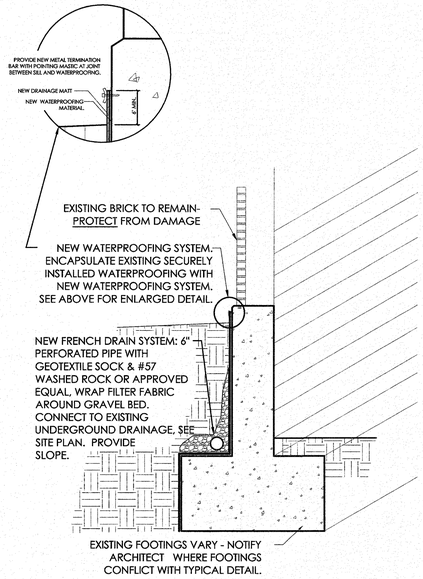
DATE: MARCH 22, 2011

REVISION:

SHEET:

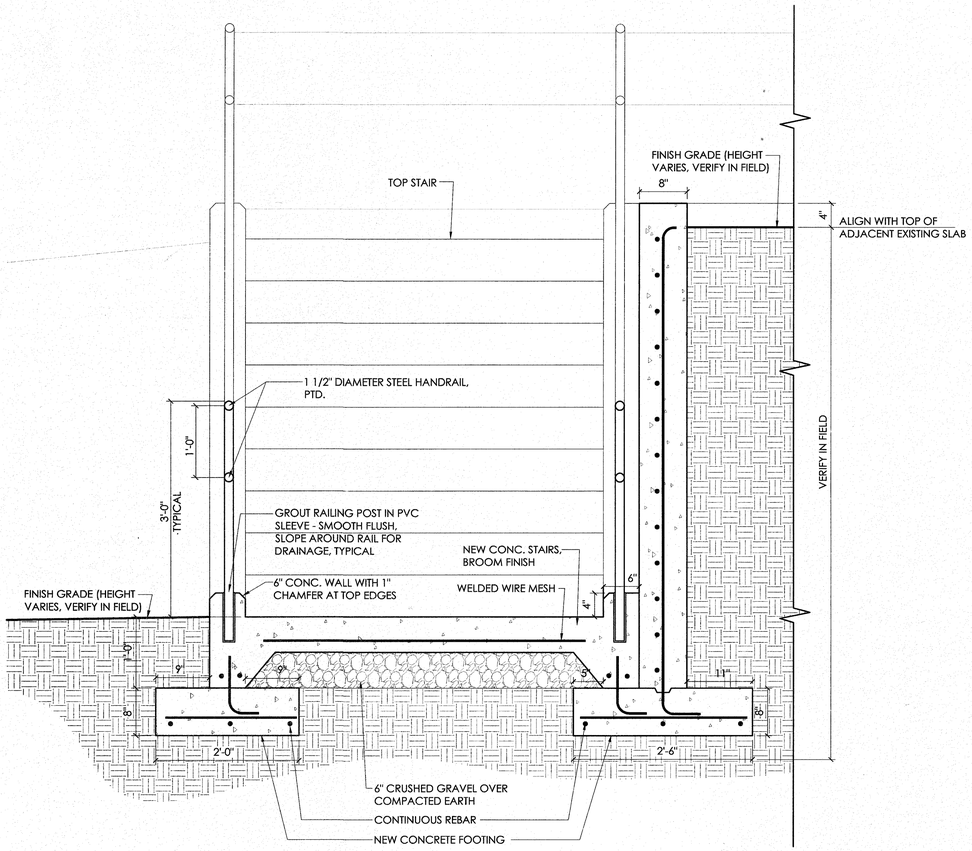
RFL CLG PLN

A6.3



1 A8.1 WATERPROOFING AND FRENCH DRAIN

SCALE: NONE



2 A8.1 NEW EXTERIOR STAIR DETAIL

SCALE: 1" = 1'-0"

BELINDA STEWART ARCHITECTS, P.A
611 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3 RENOVATIONS MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT Belinda J. Stewart 22657 Oxford, MS STATE OF MISSISSIPPI

PROJECT #: 0902

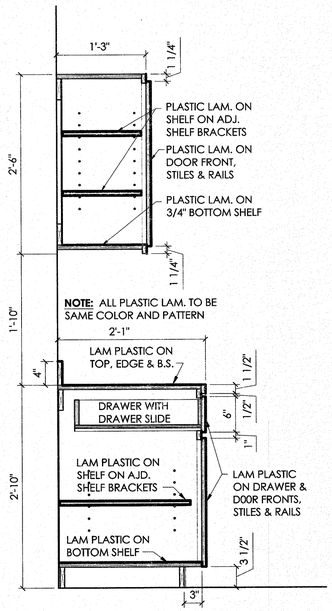
DATE: MARCH 22, 2011

REVISION:

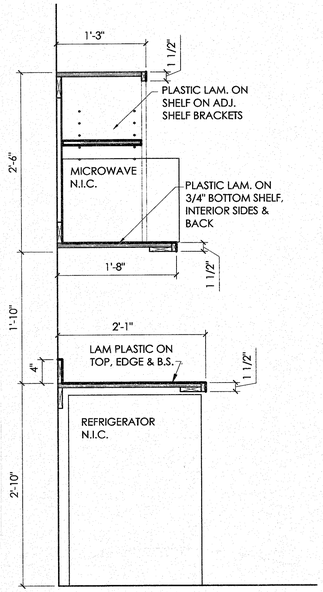
SHEET:

DETAILS

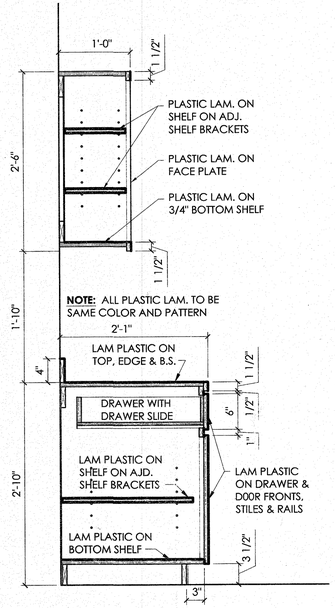
A8.1



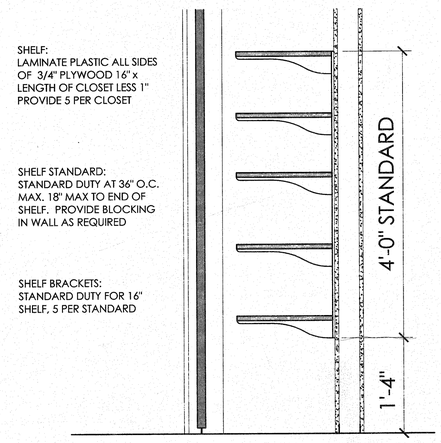
1 A9.1 CABINET DETAIL
SCALE: 1" = 1'-0"



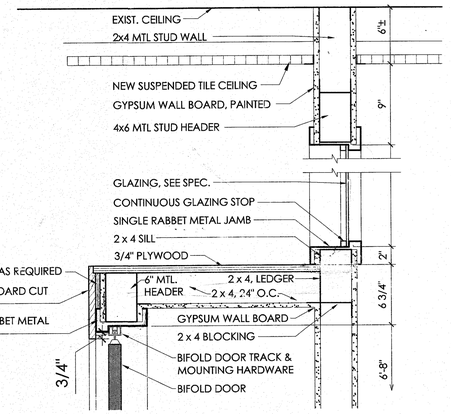
2 A9.1 CABINET DETAIL
SCALE: 1" = 1'-0"



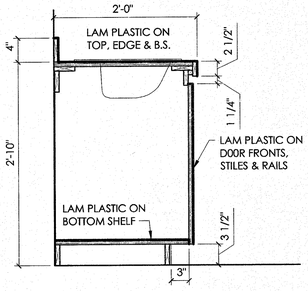
3 A9.1 CABINET DETAIL
SCALE: 1" = 1'-0"



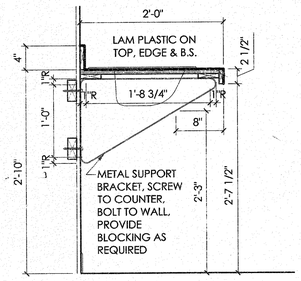
4 A9.1 SHELF DETAILS @ STORAGE CLOSETS
SCALE: 1" = 1'-0"



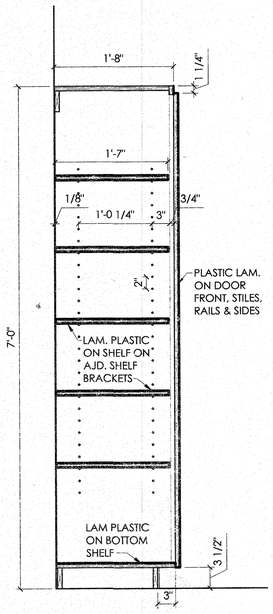
5 A9.1 TRANSOM DETAIL AT ROOMS 017B, 023A & 029A
SCALE: 1 1/2" = 1'-0"



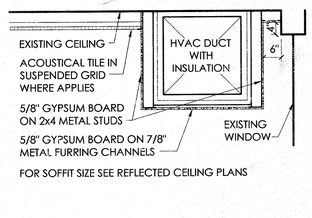
6 A9.1 RESTROOM CABINET DETAIL
SCALE: 1" = 1'-0"



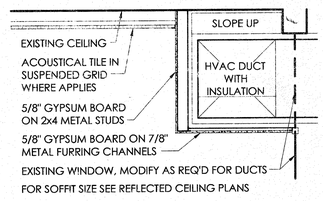
7 A9.1 RESTROOM CABINET DETAIL
SCALE: 1" = 1'-0"



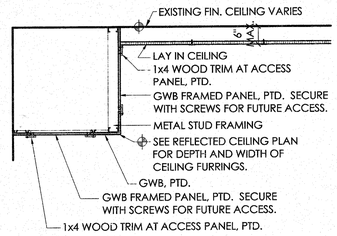
8 A9.1 STORAGE CABINET DETAIL
SCALE: 1" = 1'-0"



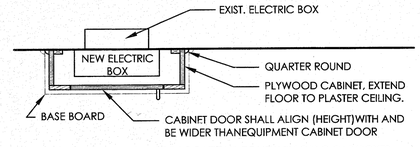
9 A9.1 HVAC SOFFIT AT WINDOW WALLS
SCALE: 1/2" = 1'-0"



14 A9.1 HVAC DUCT ENTRY AT WINDOW
SCALE: 1/2" = 1'-0"

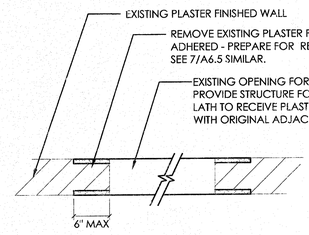


10 A9.1 HVAC SOFFIT AT WALLS
SCALE: 1/2" = 1'-0"

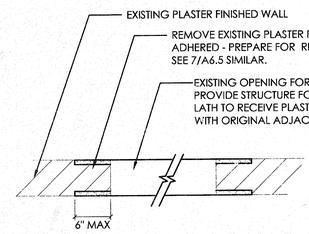


*REFER TO ELECTRICAL FOR LOCATIONS OF NEW ELECTRIC CAB/BOXES.

11 A9.1 ELECTRIC CABINET
SCALE: 1" = 1'-0"



12 A9.1 GENERAL PLASTER INFILL DETAIL
SCALE: N.T.S.



13 A9.1 GENERAL PLASTER INFILL DETAIL
SCALE: N.T.S.

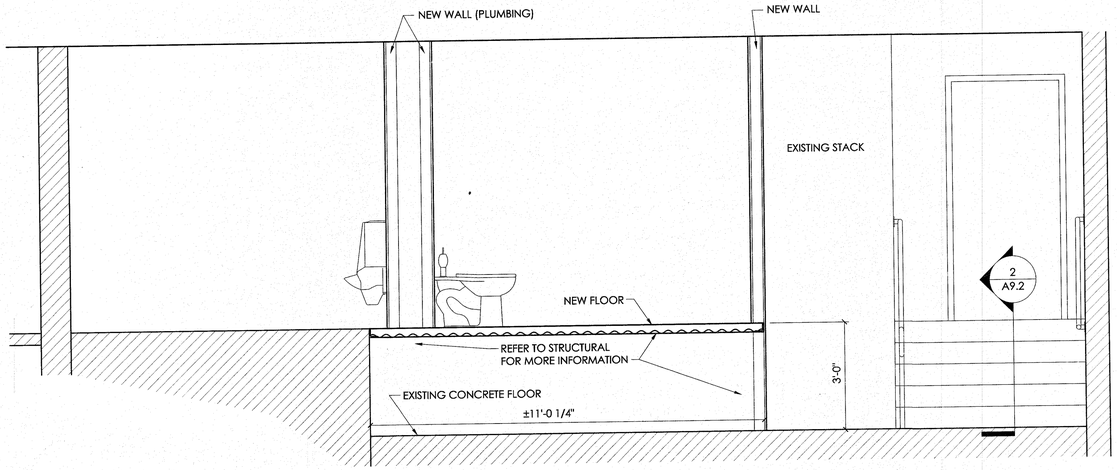
BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3 RENOVATIONS MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT Belinda J. Stewart 22627 Eupora, MS STATE OF MISSISSIPPI

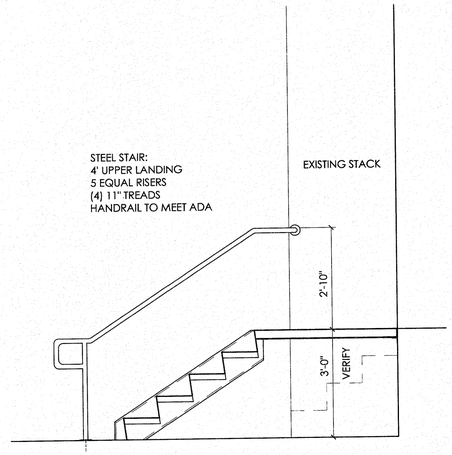
PROJECT #: 0902
DATE: MARCH 22, 2011
REVISION:
SHEET:
DETAILS

A9.1



1 / A9.2 SECTION AT TOILET ROOMS. & BOILER ROOMS.

SCALE: 1/2" = 1'-0"



1 / A9.2 SECTION AT STAIR

SCALE: 1/2" = 1'-0"

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH - PHASE 3
RENOVATIONS
MERIDIAN, MISSISSIPPI

REGISTERED ARCHITECT
Belinda J. Stewart, AIA
22627
Euporo, MS
STATE OF MISSISSIPPI

PROJECT #: 0902

DATE: MARCH 22, 2011

REVISION:

SHEET:

DETAILS

A9.2

STRUCTURAL NOTES:

GENERAL NOTES:

1. ALL DETAILS AND SECTIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT UNLESS A DIFFERENT DETAIL IS SHOWN.
2. WORK STRUCTURAL DRAWINGS WITH ARCHITECTURAL, CIVIL, MECHANICAL, AND ELECTRICAL DRAWINGS. GENERAL CONTRACTOR SHALL INSTALL ALL REQUIRED OPENINGS IN SLABS AND DECKS.
3. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE NINTH EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, (AISC), SPECIFICATIONS FOR THE BUILDING, FABRICATIONS, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" – ASD METHOD.
4. THE GENERAL CONTRACTOR SHALL VERIFY THE DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE ARCHITECT/STRUCTURAL ENGINEER OF RECORD SHALL BE NOTIFIED WITH ANY DISCREPANCIES. SEE ARCHITECTURAL, CIVIL, AND MECHANICAL DRAWINGS FOR ALL LAYOUTS AND DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS. DO NOT SCALE ANY DRAWING TO DETERMINE DIMENSIONS.
5. MATERIAL, WORKMANSHIP, AND DESIGN SHALL CONFORM TO THE BUILDING CODE INDICATED BELOW.
6. THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, AND COMPLIANCE WITH OSHA SAFETY REQUIREMENTS IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
7. THE CONTRACTOR SHALL VERIFY THE FLOOR AND ROOF MOUNTED MECHANICAL EQUIPMENT WEIGHTS, FLOOR AND/OR ROOF OPENING SIZES, AND LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
8. THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF RECORD IN WRITING WITH ANY DISCREPANCY ENCOUNTERED IN THE FIELD CONTRADICTORY TO THE CONDITIONS SHOWN ON THE STRUCTURAL DRAWINGS.
9. IN THE ABSENCE OF A SPECIFIED PRODUCT, PLACE 0.015" POLYETHYLENE MEMBRANE OR EQUAL BENEATH ALL CONCRETE ON GRADE.
10. IN THE EVENT OF A DISCREPANCY BETWEEN THE WRITTEN BOOK OF SPECIFICATIONS AND THESE NOTES, THE MORE STRINGENT CONDITION GOVERNS.

DESIGN CRITERIA:

BUILDING CODES AND STANDARDS – LATEST EDITIONS UNO:
- INTERNATIONAL BUILDING CODE 2006 EDITION
- AMERICAN SOCIETY OF CIVIL ENGINEERS, ASCE 7-05 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES"
- AISC STEEL CONSTRUCTION MANUAL-ALLOWABLE STRESS DESIGN, (NINTH EDITION), THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AND THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
- AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE AWS D1.1 AS MODIFIED BY AISC SPECIFICATIONS
- STEEL JOIST INSTITUTE'S STANDARD SPECIFICATIONS AND LOAD TABLES, OPEN WEB STEEL JOISTS (2008 EDITION)
- AISI COLD-FORMED DESIGN MANUAL AND THE SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS (2008)
- BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-08)
- BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (TMS 402-08/ACI 530-08/ASCE 5-08)
- CONCRETE REINFORCING STEEL INSTITUTE, CRSI MANUAL OF STANDARD PRACTICE
- NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION

DESIGN LOAD PARAMETERS:
MINIMUM LOADING REQUIREMENTS ARE PER THE 2006 INTERNATIONAL BUILDING CODE AND THE ASCE 7-05 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES AND AS INDICATED BELOW:

ROOF LOADS:

DEAD LOAD	15 PSF
COLLATERAL LOAD	10 PSF
LIVE LOAD	20 PSF SUBJECT TO TRIBUTARY AREA REDUCTIONS 300 LBS CONCENTRATED

FLOOR LOADS:

DEAD LOAD	80 PSF
COLLATERAL LOAD	5 PSF

	LIVE LOAD UNIFORM	LIVE LOAD CONCENTRATED
OFFICE	50 PSF	2000 LBS
CORRIDORS ABOVE 1st FLOOR	80 PSF	2000 LBS
LOBBIES AND 1st FLOOR CORRIDORS	100 PSF	2000 LBS
CLASSROOM	50 PSF	1000 LBS
CORRIDORS ABOVE 1st FLOOR	80 PSF	1000 LBS
FIRST FLOOR CORRIDORS	100 PSF	1000 LBS

FOUNDATION NOTES:

1. THE FOUNDATION IS DESIGNED AS RECOMMENDED IN THE SOIL REPORT BY ENGINEERING PLUS, DATED, NOVEMBER 2010. THE STRUCTURAL ENGINEER OF RECORD IS NOT RESPONSIBLE FOR THE SUBSURFACE CONDITIONS ENCOUNTERED IN THE FIELD CONTRARY TO THOSE ASSUMED FOR DESIGN. STRICT ADHERENCE TO THE SOIL REPORT RECOMMENDATIONS IS ADVISED. SEE ARCHITECT OR BOOK OF SPECIFICATIONS FOR A COPY OF THE SOIL REPORT.
2. THE FOUNDATION DESIGN IS BASED ON A NET ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF FOR CONTINUOUS FOUNDATION COMPONENTS BEARING A MINIMUM OF 18" TO 24"" BELOW THE FINISH SUBGRADE ELEVATION.
3. REINFORCED CONCRETE SPREAD FOOTINGS BEARING A MINIMUM OF 18" TO 24"" BELOW FINISH SUBGRADE ELEVATION ARE DESIGNED BASED ON A NET ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF.

FORM NOTES:

1. IF LOCAL CONDITIONS ARE FAVORABLE, USE EARTH TRENCH FORMS FOR FOOTINGS PROVIDED THE EARTH IS CLEAN CUT AND TRUE WITH BOTTOMS LEVEL AND SOUND.
2. FORMS, CENTERING, CORES, MOLDS, ETC.: CONSTRUCT SO THAT THE FINISH CONCRETE WILL CONFORM TO THE SHAPES, LINES, GRADES, AND DIMENSIONS INDICATED ON THE DRAWINGS.
3. SUBSTANTIALLY AND SUFFICIENTLY TIGHTEN FORMS TO PREVENT LEAKAGE OF CONCRETE AND PREVENT THE DEFLECTION OF FORMS UNDER THE WEIGHT OF WET CONCRETE OR OF CONSTRUCTION LOADS.
4. FORMS OR SHORING FOR CONCRETE SHALL NOT BE REMOVED UNTIL THE CONCRETE IS DETERMINED, THROUGH EXAMINATION, TO HAVE DEVELOPED AMPLE STRENGTH TO SUPPORT ANY LOADS TO BE SUPERIMPOSED.
5. APPLY FORM OIL TO ALL FORMS TO PREVENT CONCRETE FROM STICKING.

SOIL COMPACTION NOTES:

1. REMOVE ANY UNACCEPTABLE EXISTING SOIL AND REPLACE WITH AN ACCEPTABLE FILL IN THE CONSTRUCTION ZONE. COMPACT EXPOSED SURFACE PER SOIL REPORT.
2. CUTS SHALL BE SLOPED GRADUALLY FROM THE MAXIMUM DEPTH TO THE ZERO CUT BOUNDARY ON A SLOPE NOT LESS THAN 3 TO 1. HORIZONTAL TO VERTICAL.
3. SEE ARCH SPECS AND SOIL REPORT FOR BACKFILL MATERIAL, COMPACTION REQUIREMENTS, AND BACKFILL PROCEDURES.

CONCRETE NOTES:

1. ALL PLAIN AND REINFORCED CONCRETE SHALL BE FURNISHED AND PLACED PER THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", ACI 318-08, AND PER THE "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 301-08.
2. STRUCTURAL CONCRETE SHALL BE DEFINED AS ALL CONCRETE CONSTRUCTION DETAILED OR DESCRIBED BY THE STRUCTURAL CONCRETE SPECIFICATIONS AND THE STRUCTURAL DRAWINGS.
3. ALL CONCRETE FOR FOUNDATION AND FLOOR SLABS SHALL BE NORMAL WEIGHT NON-AIR ENTRAINED CONCRETE TO CONFORM TO CURRENT ACI SPECIFICATIONS AND SHALL DEVELOP 3500 PSI IN 28 DAYS WITH MINIMUM 5 1/2 BAG CONCRETE MIX TYPICAL IN ALL STRUCTURAL CONCRETE.

   PROVIDE AIR-ENTRAINED CONCRETE FOR ALL CONCRETE EXPOSED TO THE WEATHER IN FINAL POSITION.

   SUBMIT MIX DESIGN FOR NON-AIR-ENTRAINED CONCRETE REVIEW PRIOR TO PLACING CONCRETE. SUBMIT AIR-ENTRAINED CONCRETE MIX DESIGN IF ANY CONCRETE IS EXPOSED TO THE WEATHER IN THE FINAL PLACEMENT.

   SEE SHOP DRAWING NOTES FOR REINFORCING DETAILING REQUIREMENTS.
4. UNLESS INDICATED ON STRUCTURAL DRAWINGS, THE CONTRACTOR SHALL SUBMIT TO THE STRUCTURAL ENGINEER OF RECORD ALL CONSTRUCTION JOINT LOCATIONS PROPOSED PRIOR TO CONCRETE PLACEMENT. ONLY APPROVED LOCATIONS WILL BE ACCEPTABLE FOR JOINT PLACEMENT.
5. PROVIDE WATERSTOPS AT ALL EXPANSION, CONTRACTION, AND CONSTRUCTION JOINTS IN SLABS BELOW GRADE. PROVIDE WATERSTOPS IN KEYED JOINTS IN ALL BELOW GRADE CONCRETE WALLS ADJACENT TO DRAIN LINES OR CONFINED LIQUIDS.
6. NO PLUMBING, MECHANICAL, OR ELECTRICAL LINES MAY PENETRATE ANY GRADE BEAM OR FOOTING WITHOUT PERMISSION OF THE STRUCTURAL ENGINEER OF RECORD. SUBMIT REQUEST TO PENETRATE GRADE BEAMS OR FOOTINGS DIRECTLY TO THE ARCHITECT. PROVIDE DETAILED INFORMATION TO THE ARCHITECT SUFFICIENT TO LOCATE THE PROPOSED PENETRATION ON THE STRUCTURAL DRAWINGS.
7. FINISH CONCRETE SLABS PER SPECIFICATIONS AND ARCHITECTURAL DRAWINGS.
8. CHAMFER ALL EXTERNAL CORNERS OF FORMED SHAPES WHICH WILL BE EXPOSED AT THE COMPLETION OF THE PROJECT WITH A 45° CHAMFER UNLESS NOTED OTHERWISE.
9. ROUGH FINISH CONCRETE SHALL BE GIVEN TO ALL CONCRETE NOT OTHERWISE SPECIFIED. CONCRETE SHALL HAVE ALL HONEYCOMBS PATCHED AND SHALL HAVE FINS AND ROUGH EDGES REMOVED.
10. A SMOOTH FINISH SHALL BE GIVEN TO ALL CONCRETE EXPOSED IN COMPLETED WORK SUCH AS EXPOSED LINTELS AND BEAMS, BUT NOT INCLUDING FLOOR SLABS, UNLESS SPECIFIED OTHERWISE. FINS AND PROJECTIONS SHALL BE REMOVED AND THE SURFACES RUBBED WITH CEMENT OR CARBORUNDUM BRICK. NO MORTAR OR GROUT SHALL BE EMPLOYED. FORM MARKS SHALL BE REMOVED LEAVING SURFACES UNIFORMLY SMOOTH AND WASHED CLEAN.

REINFORCING STEEL NOTES:

1. REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60, EXCEPT #3 BARS WHICH MAY BE GRADE 40.
2. ALL DETAILING AND ACCESSORIES SHALL CONFORM TO TYPICAL DETAILS SHOWN IN THE "MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES", ACI 315 LATEST EDITION.

   PROVIDE PLACEMENT PLANS WITH SECTIONS AND DETAILS TO CLEARLY INDICATE REBAR POSITION TO FIELD PERSONNEL. PROVIDE A MINIMUM GROUP OF SECTIONS AND DETAILS TO MATCH SECTIONS AND DETAILS SHOWN IN CONTRACT DOCUMENTS. PROVIDE ADDITIONAL SECTIONS AND DETAILS, AS NEEDED, TO CLEARLY DEFINE REBAR PLACEMENT.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, AND BE FURNISHED IN FLAT SHEETS ONLY. SEE TYPICAL SLAB DETAILS FOR SUPPORT OF WELDED WIRE FABRIC.
4. LAP SPLICES SHALL CONFORM TO ACI 318-08 FOR CLASS B TENSION LAP SPLICES UNLESS NOTED OTHERWISE ON THE DRAWINGS. PROVIDE NECESSARY REINFORCING STEEL ACCESSORIES TO HOLD BARS IN PROPER POSITION. HOOKS AND BENDS IN REINFORCING BARS SHALL CONFORM TO ACI 318-08 UNLESS NOTED OTHERWISE ON DRAWINGS.
5. ACCURATELY PLACE AND POSITION REBARS AND SECURE AGAINST DISPLACEMENT BY USING SUITABLE CLIPS, METAL CHAIRS, SPACERS, OR BY METAL HANGERS.
6. MINIMUM PROTECTIVE CONCRETE COVERAGE FOR REINFORCING STEEL SHALL BE: 3" FOR FOOTINGS; 1 1/2" FOR BEAMS; 3/4" FOR SLABS ABOVE GRADE UNLESS INDICATED ON THE DRAWINGS.

EMBEDDED ITEM NOTES:

1. BEFORE PLACING CONCRETE, CARE SHALL BE TAKEN TO DETERMINE THAT ANY EMBEDDED METAL OR WOOD PARTS ARE FIRMLY AND SECURELY FASTENED IN PLACE AS INDICATED. THE EMBEDDED ITEMS SHALL BE THOROUGHLY CLEANED AND FREE FROM COATINGS, RUST SCALE, OIL, OR ANY FOREIGN MATTER.

STRUCTURAL STEEL NOTES:

1. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STEEL FOR BUILDINGS", 13TH EDITION, AND ALL ITS SUPPLEMENTS, AND TO AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."
2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING MINIMUM STANDARDS: WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992 Fy=50 KSI. PLATES, ANGLES, AND CHANNELS SHALL CONFORM TO ASTM A36 Fy=36 KSI. PIPE SHALL CONFORM TO ASTM A53, TYPE E OR S, GRADE B, Fy=35 KSI. HOLLOW STEEL SHAPES SHALL CONFORM TO ASTM A500, GRADE B, Fy=46 KSI.
3. ALL SHOP CONNECTIONS SHALL BE WELDED, UNLESS NOTED OTHERWISE, USING E70XX ELECTRODES. ALL FIELD CONNECTIONS SHALL BE BOLTED, UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS. ALL BOLTED CONNECTIONS SHALL UTILIZE A MINIMUM OF 3/4"ø ASTM A325N HIGH STRENGTH BOLTS UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS. BOLTS SHALL HAVE A325 HEAVY HEX HEADS WITH HEAVY HEX NUTS AND ONE HARDENED WASHER UNDER THE ELEMENT TO BE TURNED DURING TIGHTENING. ALL HOLES FOR BOLTS SHALL BE STANDARD SIZE, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
4. BEAM CONNECTIONS SHALL BE DESIGNED BY THE STEEL FABRICATOR FOR THE REACTIONS SHOWN ON THE PLANS. IF NO REACTIONS ARE PROVIDED, THE FABRICATOR SHALL DESIGN THE CONNECTION TO SUPPORT AN END REACTION OF W/2 KIPS FROM THE TABLES IN PART 2 "ALLOWABLE UNIFORM LOADS IN KIPS FOR BEAM LATERALLY SUPPORTED" OF THE MANUAL OF STEEL CONSTRUCTION, NINTH EDITION. DUE CONSIDERATION OF CONCENTRATED LOADS NEAR ENDS IS REQUIRED. NO CONNECTION SHALL HAVE LESS THAN TWO BOLTS.
5. PRIOR TO PAINTING, ALL STEEL SHALL BE THOROUGHLY CLEANED IN ACCORDANCE WITH THE STEEL STRUCTURES PAINTING COUNCIL SURFACE PREPARATION SPECIFICATION.
6. ALL STRUCTURAL STEEL SHALL BE PRIMED WITH STANDARD RED OXIDE PRIMER UNLESS NOTED OTHERWISE IN THE SPECIFICATIONS. ALL MISCELLANEOUS OR STRUCTURAL STEEL, AND FASTENERS, EXPOSED TO WEATHER IN FINAL POSITION SHALL BE GALVANIZED, (G90 MIN), OR STAINLESS STEEL, UNLESS NOTED OTHERWISE IN THE SPECIFICATIONS. UNLESS NOTED OTHERWISE IN THE SPECIFICATIONS, ANY DAMAGED GALVANIZING OR PAINTING SHALL BE TOUCHED UP IN THE FIELD.
7. STAIR STRINGERS, RAILS, AND GIRTS SHALL BE CONNECTED WITH A325 BOLTS UNLESS NOTED OTHERWISE ON THE DRAWINGS.
8. ALL WELDS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "STRUCTURAL WELDING CODE", AWS D1.1 OF THE AMERICAN WELDING SOCIETY. ALL WELDS SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS. ALL WELDED CONNECTIONS SHALL UTILIZE E70XX ELECTRODES UNLESS NOTED OTHERWISE.
9. WHERE STEEL BEAMS ARE CONTINUOUS OVER COLUMNS, PROVIDE WEB STIFFENER PLATES EACH SIDE OF THE BEAM WEB OF A THICKNESS EQUAL TO THE BEAM FLANGE THICKNESS, LOCATED IN ALIGNMENT WITH THE COLUMN WEB OR FLANGES OR CENTERLINE OF HSS COLUMNS.
10. ALL CONNECTIONS FOR DIAGONAL BRACING MEMBERS SHALL BE DESIGNED FOR 100% OF THE ALLOWABLE TENSILE CAPACITY OF THE BRACING MEMBER UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.
11. ALL COLUMN BASE PLATES SHALL BEAR ON NON-SHRINK GROUT, 5000 PSI MIN UNLESS NOTED OTHERWISE.
12. ALL ANCHOR RODS SHALL CONFORM TO ASTM F1554 GRADE 36 UNLESS NOTED OTHERWISE ON THE DRAWINGS. ANCHOR RODS SHALL HAVE ASTM A563 GRADE A HEAVY HEX NUTS AND INCLUDE A HARDENED FLAT WASHER AS SHOWN IN BASE PLATE/ANCHOR ROD DETAILS.
13. STEEL DETAILER NOTE: COORDINATE SHOP DRAWINGS OF ALL CONNECTIONS, DETAILS, AND DIMENSIONS BETWEEN STRUCTURAL STEEL FRAMING SYSTEMS, BAR JOISTS, AND ROOF DECK PRIOR TO SUBMITTING SHOP DRAWINGS FOR REVIEW BY THE STRUCTURAL ENGINEER OF RECORD.

CONCRETE MASONRY NOTES:

1. ALL CONCRETE MASONRY SHALL COMPLY WITH CURRENT PROVISIONS OF THE BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES, TMS 402-08/ACI 530-08/ASCE 5-08.
2. ALL CONCRETE MASONRY UNITS SHALL BE LIGHTWEIGHT UNITS AND COMPLY WITH ASTM C-90, LATEST EDITION, WITH MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI, (UNITS), AND f'm = 1,500 PSI (ASSEMBLAGE), 28 DAYS.
3. ALL MORTAR SHALL BE TYPE "M" OR TYPE "S" FOR MASONRY WALLS AND SHALL COMPLY WITH THE NATIONAL CONCRETE MASONRY ASSOCIATION, (NCMA) AND THE STANDARD BUILDING CODE REQUIREMENTS FOR MASONRY.
4. ALL REINFORCING FOR MASONRY WALL SHALL BE ASTM-A615 GRADE 60.
5. VERTICAL REINFORCEMENT SHALL BE LAPPED 48 DIA. AT SPLICES UNLESS NOTED OTHERWISE. DETAIL REINFORCING TO MINIMIZE SPLICES AND STAGGER SPLICES WHERE POSSIBLE. IN LIEU OF LAP SPLICES, MECHANICAL SPLICE CONNECTORS MAY BE USED. SPLICE CONNECTORS MUST DEVELOP 125% OF THE SPECIFIED YIELD STRENGTH OF THE REBAR IN TENSION AND COMPRESSION. SUBMIT TECHNICAL DATA ON SPLICE CONNECTOR TO STRUCTURAL ENGINEER FOR REVIEW.
6. PROVIDE DUR-O-WAL REINFORCING AS INDICATED ON THE CONSTRUCTION DRAWINGS. PROVIDE SPECIAL DUR-O-WAL REINFORCING AT THE CORNERS AND INTERSECTIONS. SEE SHOP DRAWING NOTES FOR REINFORCING DETAILING REQUIREMENTS.
7. THE CONTRACTOR SHALL PROPERLY PLACE AND ALIGN ALL CELLS TO ALLOW FOR PROPER PLACEMENT OF VERTICAL REINFORCEMENT, PROVIDE VERTICAL REBAR POSITIONERS AND ACCESSORIES AS REQUIRED TO PROPERLY POSITION CMU REINFORCEMENT.
8. CONCRETE MASONRY WALLS MAY BE CONSTRUCTED USING EITHER THE LOW LIFT OR HIGH LIFT GROUTING METHODS AS DESCRIBED/DEFINED BY THE NATIONAL CONCRETE MASONRY ASSOCIATION.
9. ALL LINTELS SHALL BEAR A MINIMUM OF 8 INCHES ON THE SUPPORTING WALL.
10. CONCRETE MASONRY UNITS SHALL BE GROUTED WITH 2500 PSI COURSE GROUT. GROUT FOR REINFORCED AND NON-REINFORCED MASONRY SHALL CONFORM TO ASTM C476. GROUT IN MASONRY SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION.
11. COORDINATE LOCATION OF ALL MASONRY WALLS, PARTITION, OPENINGS, AND JOINTS WITH ARCHITECTURAL DRAWINGS.
12. NO ALUMINUM PIPES OR WIRES SHALL BE EMBEDDED IN THE MASONRY UNLESS THE ALUMINUM IS ADEQUATELY COATED.
13. ALL MASONRY WALLS BELOW GRADE ARE TO BE GROUTED SOLID UNLESS NOTED OTHERWISE.
14. ALL MASONRY WALLS MUST BE ADEQUATELY BRACED DURING CONSTRUCTION UNTIL FRAMING AND DECK ARE COMPLETELY INSTALLED. DESIGN AND INSTALLATION OF BRACING IS THE RESPONSIBILITY OF THE CONTRACTOR.

COLD-FORMED STEEL FRAMING NOTES:

1. THE STRUCTURAL METAL STUD COMPONENTS AND INSTALLATION SHALL MEET THE FOLLOWING STANDARDS:

   AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION.

   AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) STANDARD C955 STANDARD SPECIFICATIONS FOR LOAD BEARING (TRAVERSE AND AXIAL) STEEL STUDS, RUNNERS (TRACKS), AND BEARING OR BRIDGING FOR SCREW APPLICATION OF GYPSUM BOARD AND METAL PLASTER.

   ASTM STANDARD C1007 – STANDARD SPECIFICATION FOR INSTALLATION OF LOAD BEARING (TRAVERSE AND AXIAL) STEEL STUDS AND RELATED ACCESSORIES.
2. THE COLD-FORMED STRUCTURAL FRAMING AND ACCESSORIES SHALL BE MANUFACTURED FROM STRUCTURAL QUALITY STEEL HAVING MINIMUM YIELD STRENGTH OF 50 KSI FOR ALL THICKNESSES, AND HAVE MINIMUM PROTECTIVE COATING EQUAL TO G-60 GALVANIZED FINISH. THE STEEL SHALL CONFORM TO ONE OF THE FOLLOWING ASTM STANDARDS: ASTM A653, A875, A792, OR A463.
3. STRUCTURAL FRAMING MEMBERS SHALL CONFORM TO ASTM C955, HAVE ENGINEERING PROPERTIES CALCULATED IN CONFORMANCE WITH AISI "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" AND HAVE MINIMUM PROPERTIES AS INDICATED.
4. BRACING OF EXTERIOR WALLS AND ALL LOAD BEARING WALLS SHALL BE ACCOMPLISHED BY INSTALLING 2" WIDE MINIMUM STEEL STRAPS 16 ga RUN HORIZONTALLY, ON BOTH SIDES OF THE STUDS AND ATTACHED TO EACH END. VERTICAL SPACING OF STRAPPING IS LIMITED TO A MAXIMUM 4'-0 THROUGHOUT THE HEIGHT OF THE WALL.

   NON-LOAD BEARING INTERIOR STUD SHALL BE BRACED IN THE SAME MANNER AS INDICATED ABOVE WITH THE STRAPPING AT 6'-0 OC VERTICALLY FULL HEIGHT OF WALL.

JENKINS ENGINEERING, INC.
P.O. BOX 2101
218 S. THOMAS ST. SUITE 209
TUPELO, MS 38803
(662) 840-1233
(662) 840-1103 (FAX)
E-MAIL: mwatson@jenkins-engineering.com

SYMBOL LEGEND

SECTION NAME
A
S4.0
SHEET NUMBER WHERE SECTION IS CUT
DIRECTION OF SECTION CUT

SECTION MARK

STRUCTURAL SHEETS

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS & RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

PROJECT #: 2010-260
DATE: FEBRUARY 2011
REVISION:
SHEET:
S1.0

STRUCTURAL NOTES:

PLYWOOD/OSB SHEATHING ON METAL STUD NOTES:

1. PLYWOOD AND OSB SHALL COMPLY WITH AMERICAN PLYWOOD ASSOCIATION PS-1, PS-2, AND PRP-108, STRUCTURAL 1, EXP 1, UNLESS NOTED OTHERWISE ON THE DRAWINGS. EQUIVALENT THICKNESS OSB MAY BE USED IN LIEU OF THE PLYWOOD IDENTIFIED.

2. FULLY SHEATHE ALL EXTERIOR WALLS FULL HEIGHT. FULLY BLOCK ALL PANEL EDGES. ATTACH SHEATHING TO METAL STUDS WITH #10 FLAT HEAD SELF-DRILLING TAPPING SCREWS AT 6"OC ALL EDGES AND AT 12"OC MAXIMUM IN FIELD. SCREWS AT PANEL EDGES MUST BE PLACED $^{3}/_{8}$" OFF EDGE OF SHEATHING.

3. SEE SHEAR WALL PLAN FOR WALLS SPECIFICALLY DESIGNATED AS SHEAR WALLS. FULLY BLOCK SHEAR WALLS AT ALL PANEL EDGES. ATTACH SHEATHING TO METAL STUDS PER SHEAR WALL SCHEDULE.

4. SHEATHING SHALL BE CONTINUOUS OVER TWO OR MORE SUPPORTS. PANELS MAY BE ORIENTED EITHER VERTICALLY OR HORIZONTALLY. THE MINIMUM VERTICAL OR HORIZONTAL DIMENSION OF ANY WOOD PANEL SHALL NOT BE LESS THAN 24".

5. EXTERIOR WALL SHEATHING, UNLESS NOTED OTHERWISE, SHALL BE $^{7}/_{16}$" APA STRUCTURAL 1 PLYWOOD – EXP 1.

6. DOUBLE STUDS AT ALL PANEL EDGES IN ALL WALLS. DOUBLE MEMBER IS REQUIRED AT ALL PANEL SPLICES. SEE HOLD DOWN SCHEDULE FOR LOCATIONS WHERE MORE THAN 2 STUDS ARE REQUIRED.

SHOP CLEANING AND PAINTING NOTES:

1. PRIOR TO PAINTING, ALL STEEL SHALL BE THOROUGHLY CLEANED IN ACCORDANCE WITH THE STEEL STRUCTURES COUNCIL SURFACE PREPARATION SPECIFICATION.

2. SHOP PRIME WITH STD RED OXIDE PRIMER, MINIMUM 2 MIL DRY FILM.

SHOP DRAWING NOTES:

1. SUBMIT ERECTION PLANS, PLACEMENT SECTIONS AND DETAILS, AND SHOP DRAWINGS FOR REVIEW AND RECEIVE APPROVAL PRIOR TO FABRICATING COMPONENTS. IN ADDITION TO THE SECTIONS AND DETAILS PROVIDED IN THE CONSTRUCTION DOCUMENTS, INCLUDE ANY ADDITIONAL SECTIONS/DETAILS NOT SHOWN BY STRUCTURAL ENGINEER THAT ARE REQUIRED TO FULLY CONVEY ASSEMBLY AND PROPER PLACEMENT OF COMPONENTS TO THE FIELD PERSONNEL.

2. NO REPRODUCTION OF CONTRACT DOCUMENTS FOR SHOP DRAWINGS WILL BE PERMITTED.

3. REVIEW OF SUBMITTED SHOP DRAWINGS BY THE ENGINEER OF RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS PRIOR TO SUBMITTING THE SHOP DRAWINGS TO THE ENGINEER OF RECORD. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR OMISSIONS AND ERRORS ASSOCIATED WITH THE PREPARATION OF THE SHOP DRAWINGS AND FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.

4. REVIEW OF THE SHOP DRAWINGS AND OTHER SUBMITTALS FOR THIS PROJECT IS FOR GENERAL COMPLIANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION PROVIDED IN THE CONSTRUCTION DOCUMENTS. CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THE REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. APPROVAL OF A SPECIFIC ITEM DOES NOT INCLUDE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.

5. THE CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE JOBSITE, INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION PROCESSES OR TO THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION, COORDINATION OF THE WORK OF ALL TRADES, AND FOR PERFORMING WORK IN A SAFE AND SATISFACTORY MANNER.

JENKINS ENGINEERING, INC.
P.O. BOX 2101
218 S. THOMAS ST. SUITE 209
TUPELO, MS 38803
(662) 840-1233
(662) 840-1103 (FAX)
E-MAIL: mwatson@jenkins-engineering.com

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI, 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
&RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

MARK WATSON
REGISTERED PROFESSIONAL
ENGINEER
13616
STATE OF MISSISSIPPI

PROJECT #: 2010-260

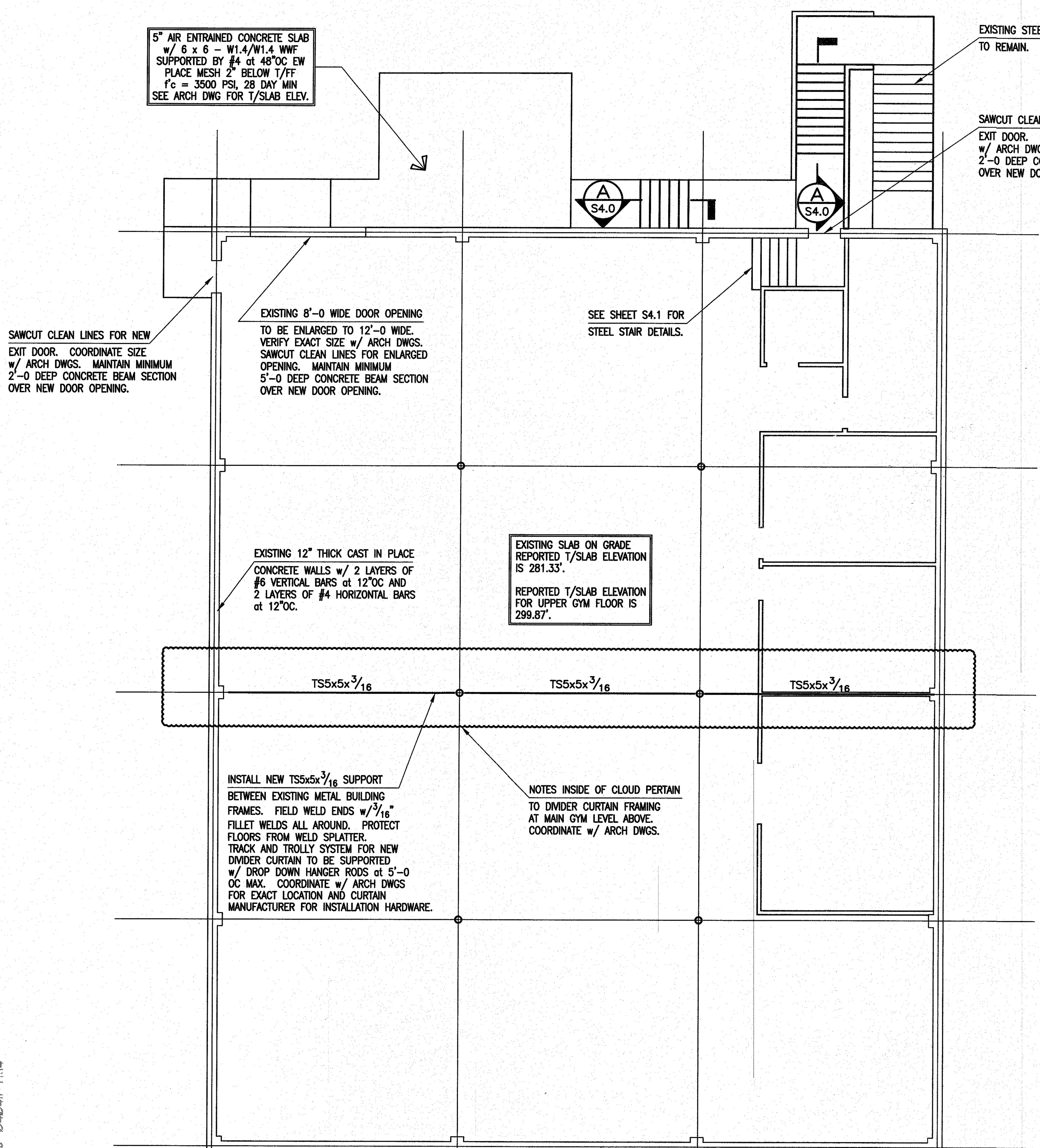
DATE: FEBRUARY 2011

REVISION:

SHEET:

S1.1

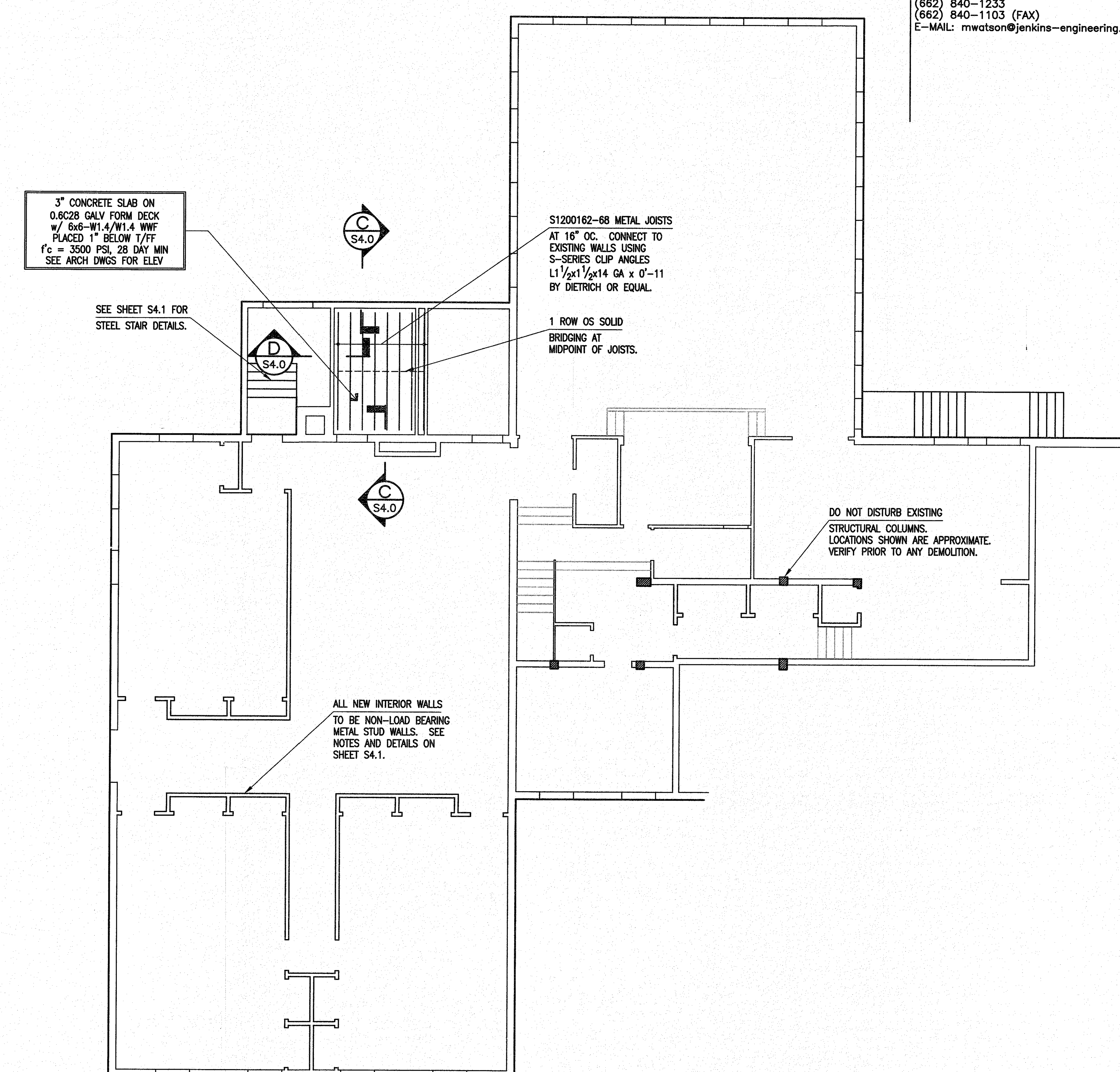
JENKINS ENGINEERING, INC. DWG NO: 1026@S1.DWG RJ 04241 16:40



N W E S

BASEMENT (SCOUT ROOM) FOUNDATION PLAN

SCALE: 1/8" = 1'-0



N W E S

LOWER FLOOR PLAN

SCALE: 1/8" = 1'-0

JENKINS ENGINEERING, INC.
P.O. BOX 2101
218 S. THOMAS ST. SUITE 209
TUPELO, MS 38803
(662) 840-1233
(662) 840-1103 (FAX)
E-MAIL: mwatson@jenkins-engineering.com

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI, 39744
662.258.6405 & 662.258.3452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

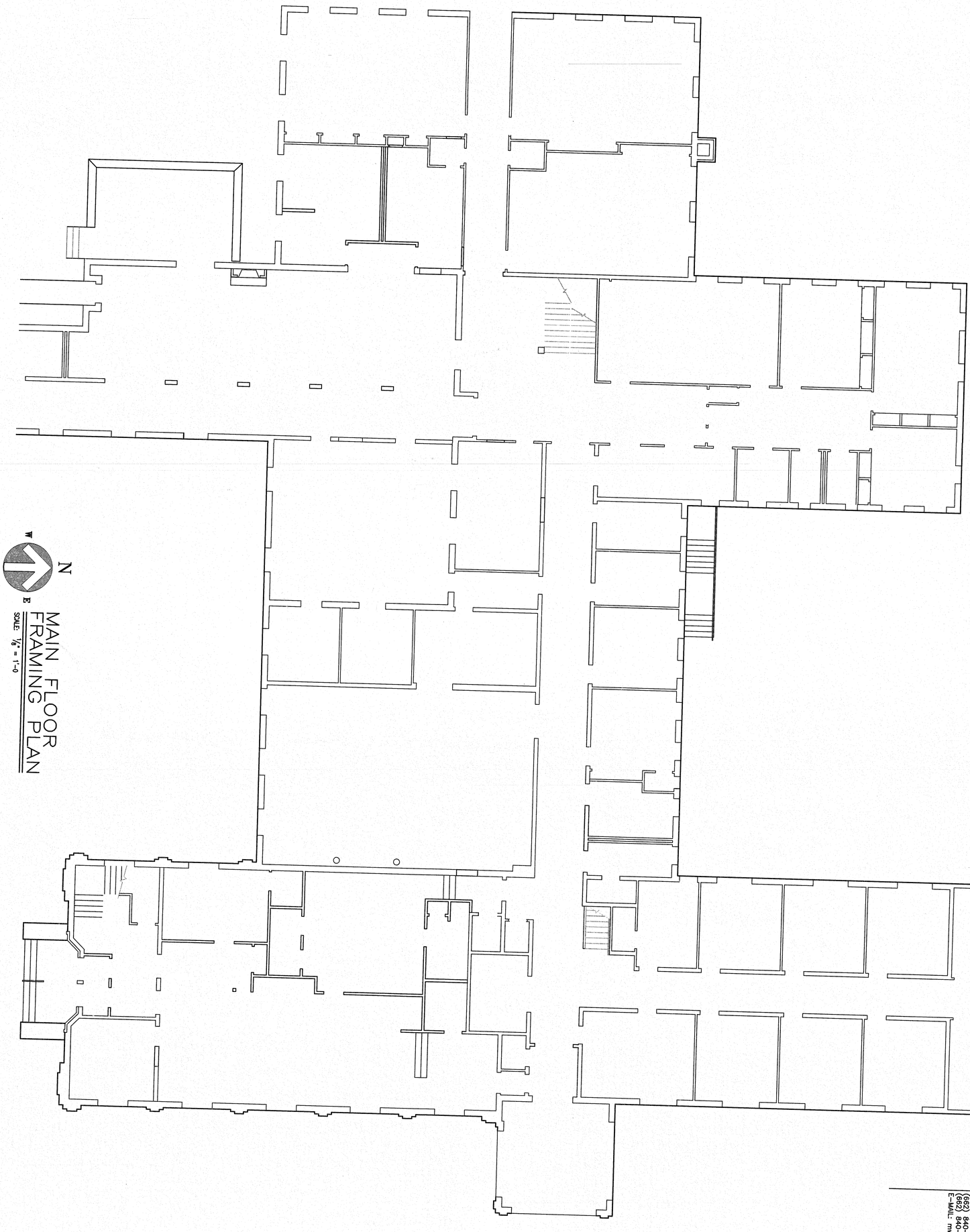
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
&RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

W. MARK WATSON
REGISTERED PROFESSIONAL ENGINEER
13616
STATE OF MISSISSIPPI

PROJECT #: 2010-260
DATE: FEBRUARY 2011
REVISION:
SHEET:

S2.0

JENKINS ENGINEERING, INC. DWG NO:



N
W E
S

MAIN FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0

JENKINS ENGINEERING, INC.
POST OFFICE BOX 2205
218 S. FRONT ST. SUITE 209
TUPELO, MS 38803
(662) 840-1233
(662) 840-1103 (FAX)
E-MAIL: rnwatson@jenkins-engineering.com

S2.1

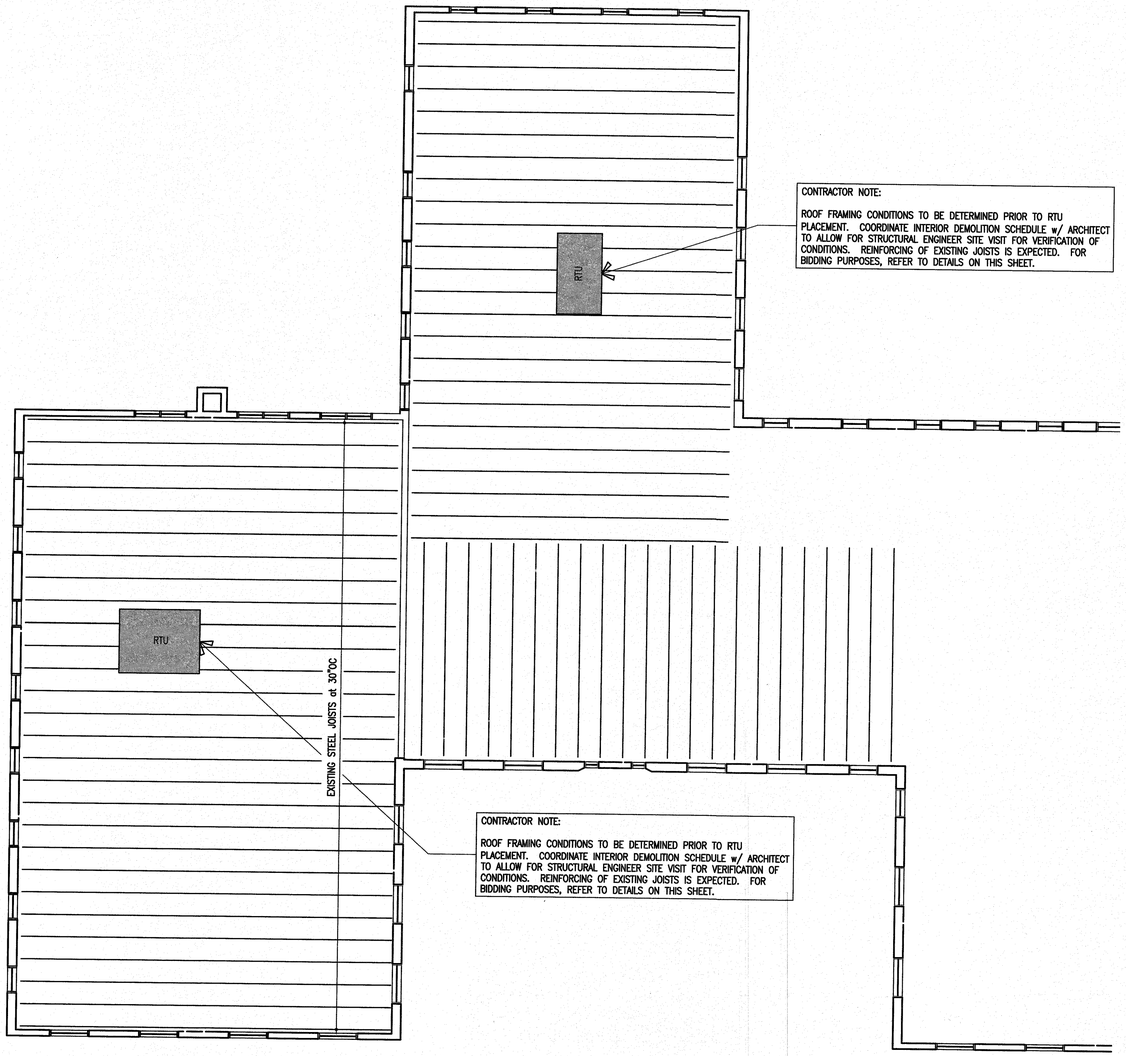
PROJECT #: 2010-260
DATE: FEBRUARY 2011
REVISION:
SHEET:

ROBERT N. JENKINS
13501
REGISTERED ENGINEER
STATE OF MISSISSIPPI

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
&RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

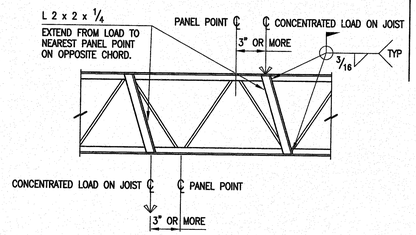


N
W E
S

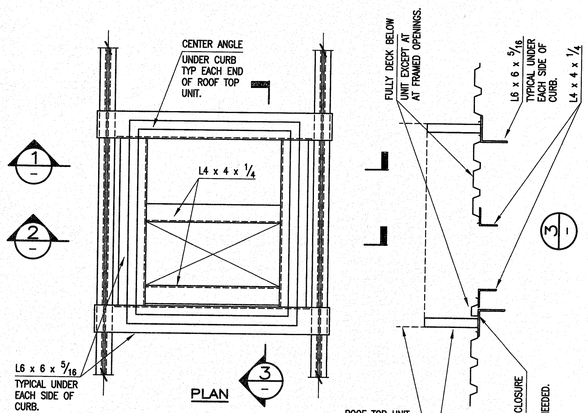
EXISTING ROOF FRAMING PLAN

SCALE: 1/8" = 1'-0

CONTRACTOR AND JOIST SUPPLIER NOTE:
IF THE CONCENTRATED LOAD IS 3" OR MORE FROM A PANEL POINT, ADD THE L2 x 2 AS SHOWN. JOIST SUPPLIER TO VERIFY THE 3" DIMENSION SHOWN BELOW BETWEEN POINT LOAD AND PANEL POINT FOR TOP AND BOTTOM CHORD REINFORCEMENT. CONTRACTOR AND JOIST SUPPLIER TO COORDINATE DISTANCE AND CONCENTRATED LOAD AND INCLUDE DETAILS ON JOIST SHOP DRAWINGS.



JOIST REINFORCEMENT FOR CONCENTRATED LOAD DETAIL



ROOF TOP EQUIPMENT AND OPENING FRAME DETAIL

PROVIDE FRAME AT ALL OPENINGS LARGER THAN 12" SQUARE OR 8½"ø.

NO DECK REINFORCING IS REQUIRED WHERE THE OPENING IS 3½" OR LESS, THROUGH THE TOP OF THE DECK, CENTERED BETWEEN RIBS, AND NO RIBS ARE CUT.

FOR OPENINGS THAT DO NOT COMPLY WITH THE NOTE ABOVE THAT ARE NOT GREATER THAN 12" SQUARE, INSTALL 24" SQUARE x 16ga PLATE CENTERED ON OPENING. SECURE TO DECK w/ #10 TEK at 6"OC ALL EDGES AND AT 6"OC EW IN FIELD OF PLATE.

JENKINS ENGINEERING, INC.
P.O. BOX 2101
218 S. THOMAS ST. SUITE 209
TUPELO, MS 38803
(662) 840-1233
(662) 840-1103 (FAX)
E-MAIL: mwatson@jenkins-engineering.com

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

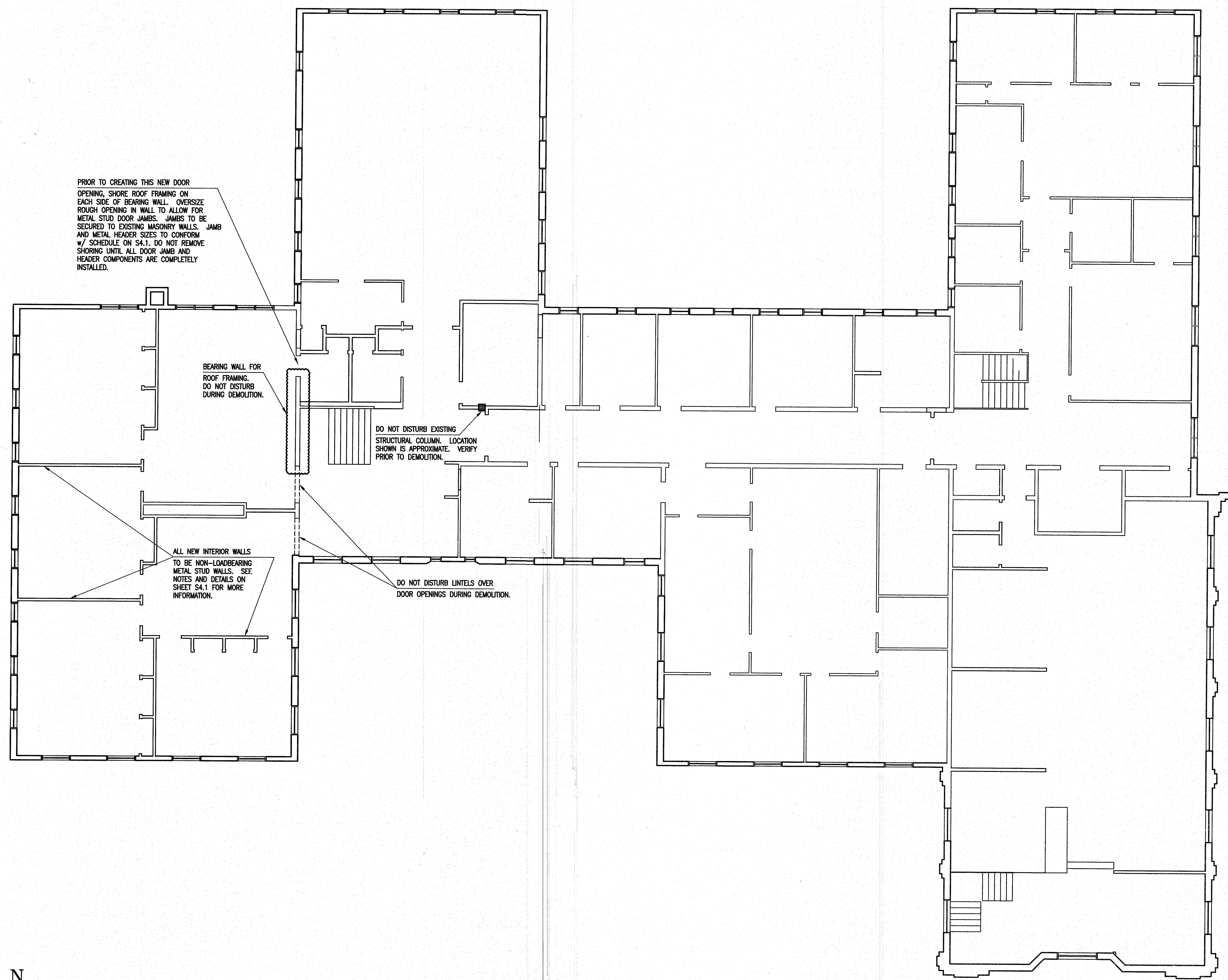
HIGHLAND BAPTIST CHURCH
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
&RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

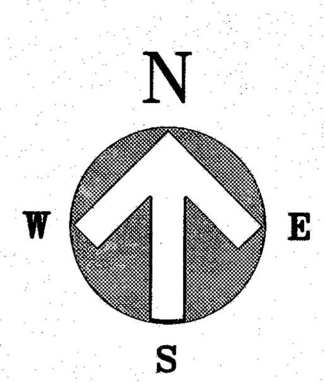
MARK WATSON
REGISTERED PROFESSIONAL ENGINEER
13616
02/22/11
STATE OF MISSISSIPPI

PROJECT #: 2010-260
DATE: FEBRUARY 2011
REVISION:
SHEET:

S2.2

JENKINS ENGINEERING, INC. DWG NO: 1026052.DWG RJ 040411 11:20





UPPER FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0

JENKINS ENGINEERING, INC.
P.O. BOX 2101
218 S. THOMAS ST. SUITE 209
TUPELO, MS 38803
(662) 840-1233
(662) 840-1103 (FAX)
E-MAIL: mwatson@jenkins-engineering.com

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

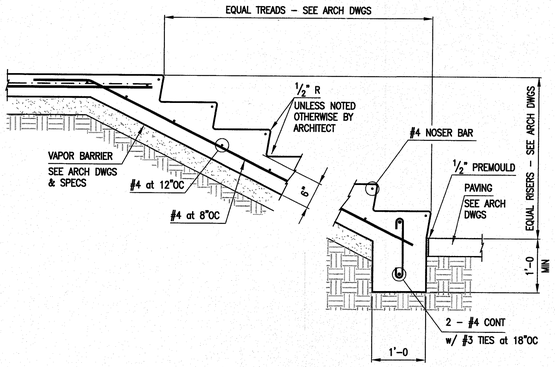
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
&RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

W. MARK WATSON
REGISTERED PROFESSIONAL ENGINEER
13616
STATE OF MISSISSIPPI

PROJECT #: 2010-260
DATE: FEBRUARY 2011
REVISION:
SHEET:

S3.0

JENKINS ENGINEERING, INC. DWG NO: 1026053.0.DWG RJ 040411 17:19



A S4.0 SCALE: 3/4" = 1'-0

EXTERIOR STEPS, RAMPS, and LANDINGS

ALL EXTERIOR STEPS, RAMPS, AND LANDINGS NOT OTHERWISE DETAILED SHALL BE CONSTRUCTED IN A STANDARD MANNER IN ACCORDANCE WITH ACI STANDARDS, THE PROJECT CONCRETE NOTES, AND THESE GUIDELINES.

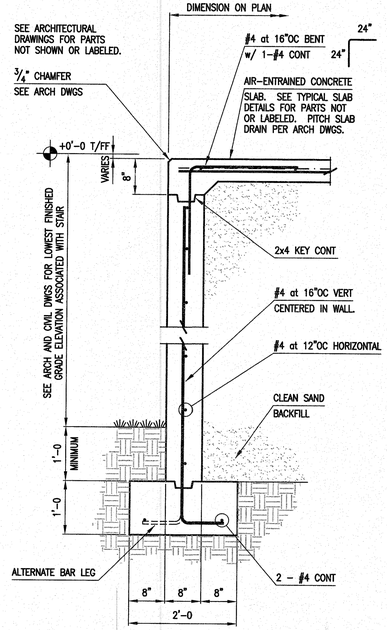
STEPS AND LANDINGS MAY BE CONSTRUCTED OVER A VOID SPACE OR ON COMPACTED CLEAN SAND.

PERIMETER RETAINING OR SUPPORT WALLS MUST BE 8" THICK MINIMUM AND REINFORCED WITH #4 at 12"OC EW MINIMUM CENTERED IN THE CONCRETE. THE WALLS MUST EXTEND BELOW FINISHED GRADE BY 24" MINIMUM.

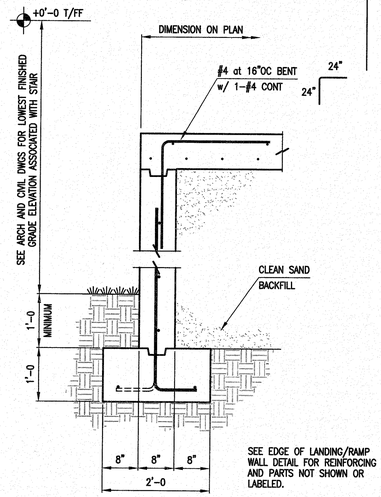
THE MINIMUM THICKNESS OF CONCRETE FOR THE STEPS OR LANDINGS SHALL BE 6". REINFORCE STEPS AND LANDINGS WITH #4 at 12"OC EW CENTERED IN THE CONCRETE. PROVIDE 1 – #4 NOSER BAR AT EACH TREAD NOSING. DOWEL ALL HORIZONTAL BARS IN STEPS, LANDINGS, RAMPS, AND PERIMETER WALLS INTO THE BUILDING WALLS WITH #4 DOWELS x 1'-0. EMBED 6" INTO BUILDING WALL AND ANCHOR WITH EPOXY GROUT. OMIT DOWELS AT BRICK VENEER.

DOWEL ALL HORIZONTAL BARS IN STEPS, LANDINGS, AND RAMPS INTO PERIMETER WALLS WITH #4 BENT DOWELS. BENT DOWELS SHALL HAVE 18" VERTICAL AND HORIZONTAL LEGS AND BE CENTERED IN THE CONCRETE.

SEE ARCHITECTURAL DRAWINGS FOR ALL LAYOUT DIMENSIONS, ELEVATIONS, EMBEDDED ITEMS, CURBS, SURFACE FINISHES, AND PARTS NOT NOTED. PITCH LANDINGS 1/4" PER FOOT FOR DRAINAGE UNLESS NOTED OTHERWISE IN ARCHITECTURAL DRAWINGS. FINAL CONFIGURATIONS OF THE STEPS, RAMPS, AND LANDINGS MUST COMPLY WITH ARCHITECTURAL DRAWINGS.



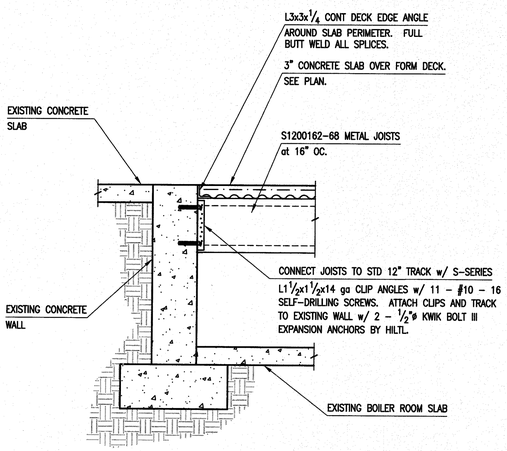
EDGE OF LANDING/RAMP WALL DETAIL



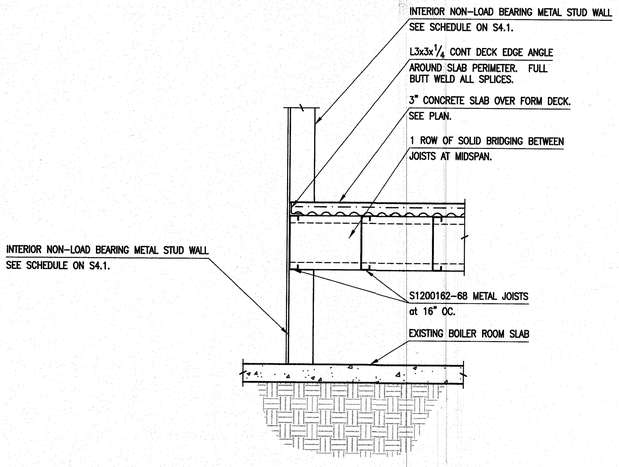
EDGE OF STAIR DETAIL

JENKINS ENGINEERING, INC.
P.O. BOX 2101
218 S. THOMAS ST. SUITE 209
TUPELO, MS 38803
(662) 840–1233
(662) 840–1103 (FAX)
E–MAIL: mwatson@jenkins–engineering.com

BELINDA STEWART ARCHITECTS, P.A.
611 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com



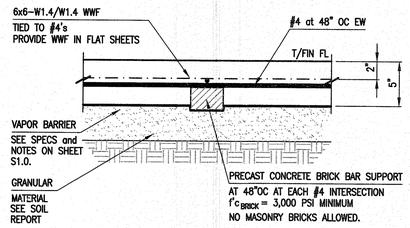
C S4.0



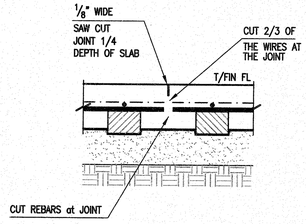
D S4.0

B S4.0

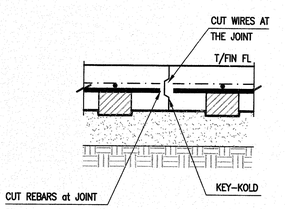
CONTRACTOR NOTE:
SEE ARCHITECTURAL SPECIFICATIONS FOR FLOOR FINISH, FLATNESS, LEVELNESS, AND PARTS NOT SHOWN OR LABELED.



TYPICAL SLAB DETAIL
SCALE: 1 1/2" = 1'–0



CONTRACTION JOINT
PLACE AS NEEDED TO LIMIT SLAB PANEL SIZE PER NOTES BELOW.



CONSTRUCTION JOINT
PLACE AS NEEDED TO LIMIT DAY's POUR

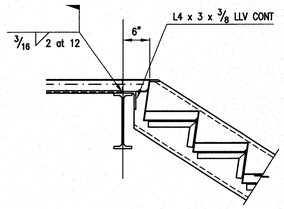
HIGHLAND BAPTIST CHURCH
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS &RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

MARK WAYNE WATSON REGISTERED PROFESSIONAL ENGINEER 13616 STATE OF MISSISSIPPI

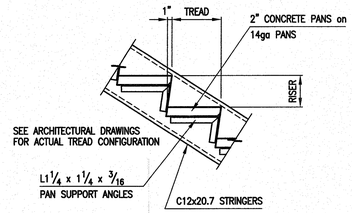
PROJECT #: 2010-260
DATE: FEBRUARY 2011
REVISION:
SHEET:

S4.0

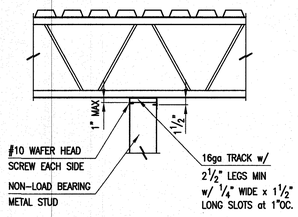
JENKINS ENGINEERING, INC. DWG NO: 1076-09-4 DWG RJ 04/04/11 11:19



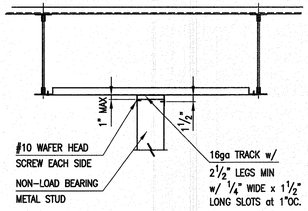
STRINGER SUPPORT DETAIL
at LANDING – STRINGER GOING DOWN



TYPICAL STRINGER DETAIL

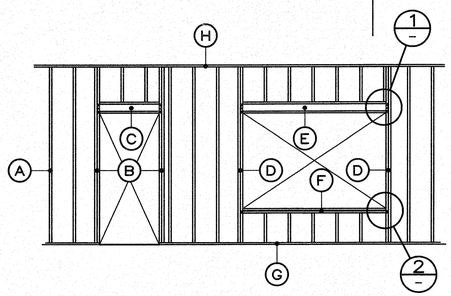


PERPENDICULAR CONDITION

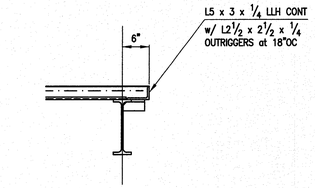


PARALLEL CONDITION

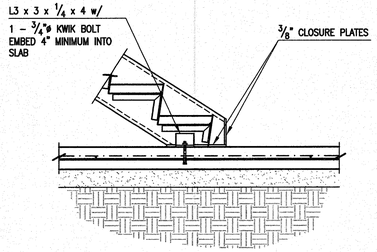
WALL BRACING DETAILS



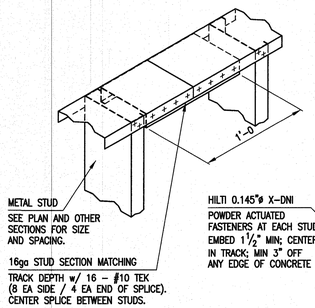
TYPICAL NON-LOAD BEARING STUD WALL ELEVATION



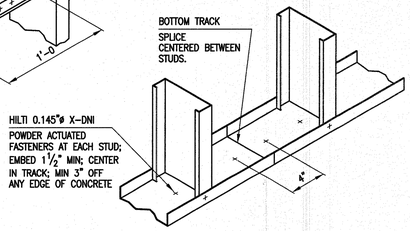
SINGLE STAIR LANDING
DECK EDGE DETAIL



STRINGER SUPPORT DETAIL
at EXISTING SLAB on GRADE



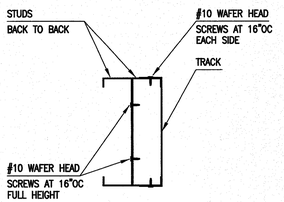
TOP PLATE SPLICE DETAIL

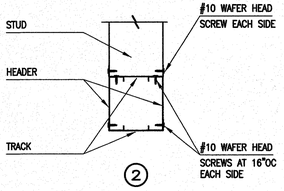


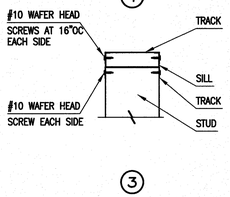
SILL PLATE SPLICE DETAIL

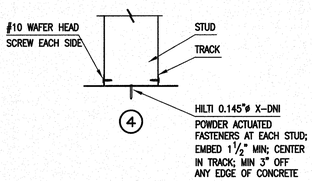
TYPICAL TRACK SPLICE DETAIL

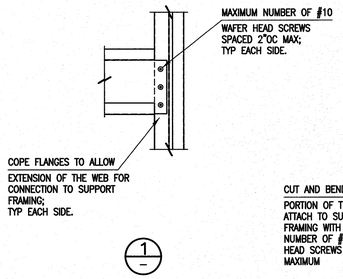
TYPICAL PAN STAIR DETAILS

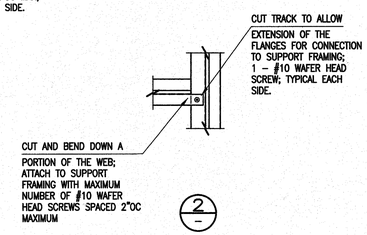


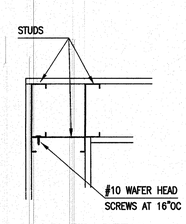




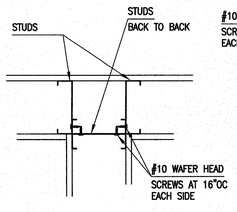




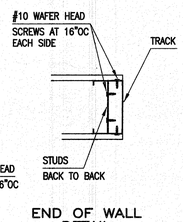




CORNER DETAIL

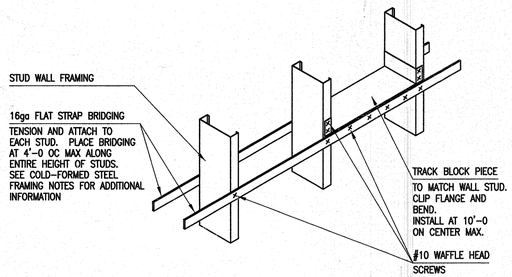


TEE DETAIL



END OF WALL DETAIL

TYPICAL WALL FRAMING DETAILS



STUD WALL BRIDGING DETAIL

TYPICAL NON-LOAD BEARING STUD WALL SCHEDULE

MARK	PART NAME	EXTERIOR MEMBERS	INTERIOR MEMBERS	DETAIL	REMARKS
A	TYPICAL STUD UNO	600S162-54 AT 16"OC	600S162-33 AT 16"OC		note
B	DOOR JAMB	2 – TYPICAL STUDS BK/BK 1 – 600T125-54 TRACK	2 – TYPICAL STUDS BK/BK 1 – 600T125-33 TRACK	1	
C	DOOR HEADER	2 – 600S162-54 BOXED w/ 2 – 600T125-54 TRACKS	2 – 600S162-33 BOXED w/ 2 – 600T125-33 TRACKS	2	
D	WINDOW JAMB	2 – TYPICAL STUDS BK/BK 1 – 600T125-54 TRACK	2 – TYPICAL STUDS BK/BK 1 – 600T125-33 TRACK	1	
E	WINDOW HEADER	2 – 600S162-54 BOXED w/ 2 – 600T125-54 TRACKS	2 – 600S162-33 BOXED w/ 2 – 600T125-33 TRACKS	2	
F	WINDOW SILL	1 – 600S162-54 w/ 2 – 600T125-54 TRACKS	1 – 600S162-33 w/ 2 – 600T125-33 TRACKS	3	
G	SILL TRACK	600T125-54 CONTINUOUS	600T125-33 CONTINUOUS	4	
H	TOP TRACK	600T125-54 CONTINUOUS UNO	600T125-33 CONTINUOUS UNO		

NOTES:

GENERAL NOTES:
ALL FRAMING INDICATED ABOVE IS 50 KSI COLD-FORMED LIGHT GAGE STEEL.
SEE NOTES ON SHEET S1.0 FOR ADDITIONAL INFORMATION.

JENKINS ENGINEERING, INC.
P.O. BOX 2101
218 S. THOMAS ST. SUITE 209
TUPELO, MS 38803
(662) 840-1233
(662) 840-1103 (FAX)
E-MAIL: mwatson@jenkins-engineering.com

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

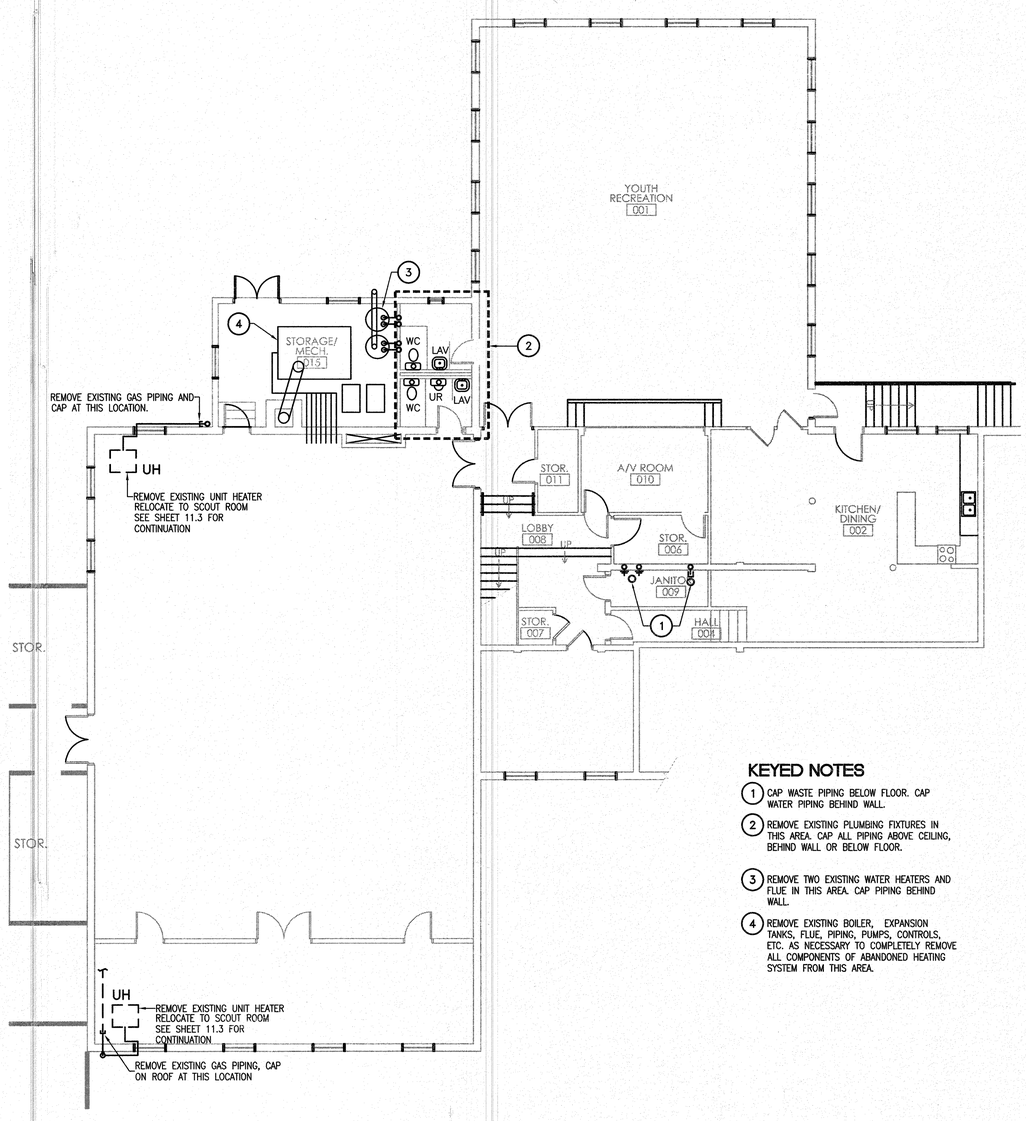
HIGHLAND BAPTIST CHURCH
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
&RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

MARK WATSON REGISTERED PROFESSIONAL ENGINEER 13616 STATE OF MISSISSIPPI 12/22/10

PROJECT #: 2010-260
DATE: FEBRUARY 2011
REVISION:
SHEET:

S4.1

JENKINS ENGINEERING, INC. DWG NO: 1026\S41.DWG REV: 04/11 11:18



KEYED NOTES

1. CAP WASTE PIPING BELOW FLOOR. CAP WATER PIPING BEHIND WALL.
2. REMOVE EXISTING PLUMBING FIXTURES IN THIS AREA. CAP ALL PIPING ABOVE CEILING, BEHIND WALL OR BELOW FLOOR.
3. REMOVE TWO EXISTING WATER HEATERS AND FLUE IN THIS AREA. CAP PIPING BEHIND WALL.
4. REMOVE EXISTING BOILER, EXPANSION TANKS, FLUE, PIPING, PUMPS, CONTROLS, ETC. AS NECESSARY TO COMPLETELY REMOVE ALL COMPONENTS OF ABANDONED HEATING SYSTEM FROM THIS AREA.

1/11.1 LOWER FLOOR PLAN-PLUMBING-DEMOLITION

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

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

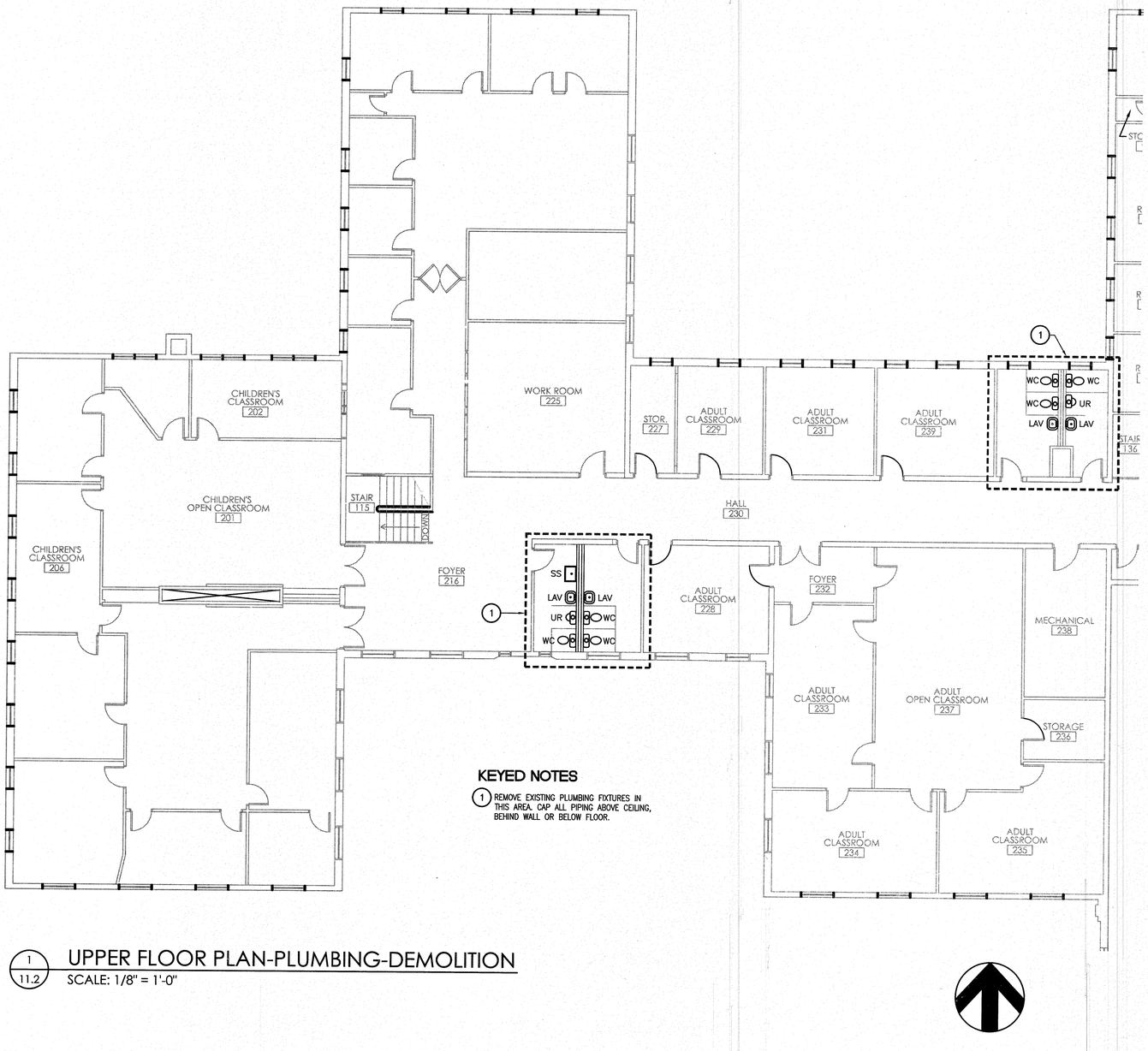
HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

JOSEPH E. JOHNSTON
REGISTERED PROFESSIONAL ENGINEER
No. 10170
3-2-2011
ENGINEER
STATE OF MISSISSIPPI

PROJECT #: 0902
DATE:
REVISION:
SHEET:
PLANS
11.1

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213



KEYED NOTES

(1) REMOVE EXISTING PLUMBING FIXTURES IN THIS AREA. CAP ALL PIPING ABOVE CEILING, BEHIND WALL OR BELOW FLOOR.

1/11.2 UPPER FLOOR PLAN-PLUMBING-DEMOLITION

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

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

DIANE S. JOHNSON REGISTERED PROFESSIONAL ENGINEER No. 10170 9-25-2015 STATE OF MISSISSIPPI

PROJECT #: 0902

DATE:

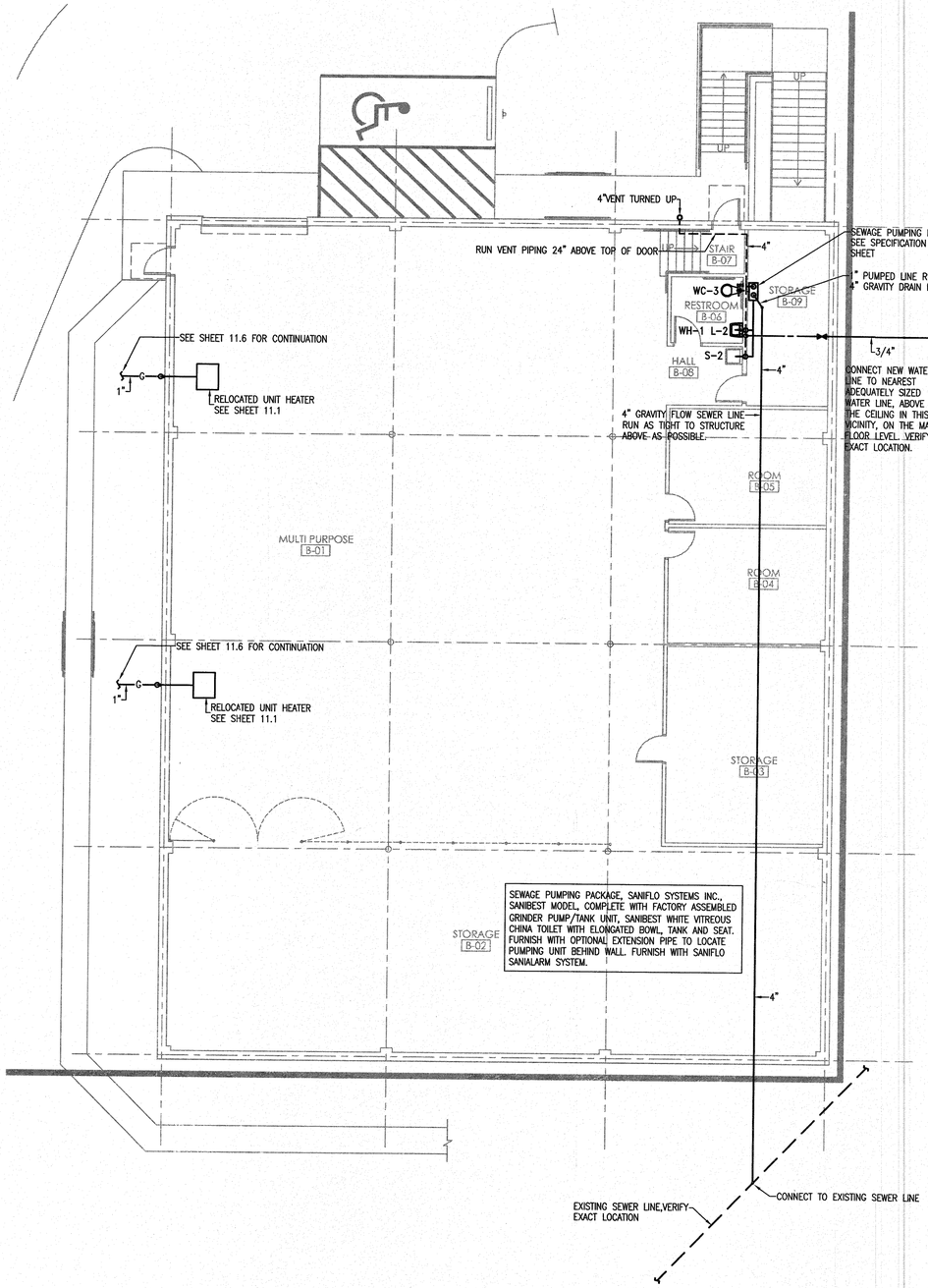
REVISION:

SHEET:

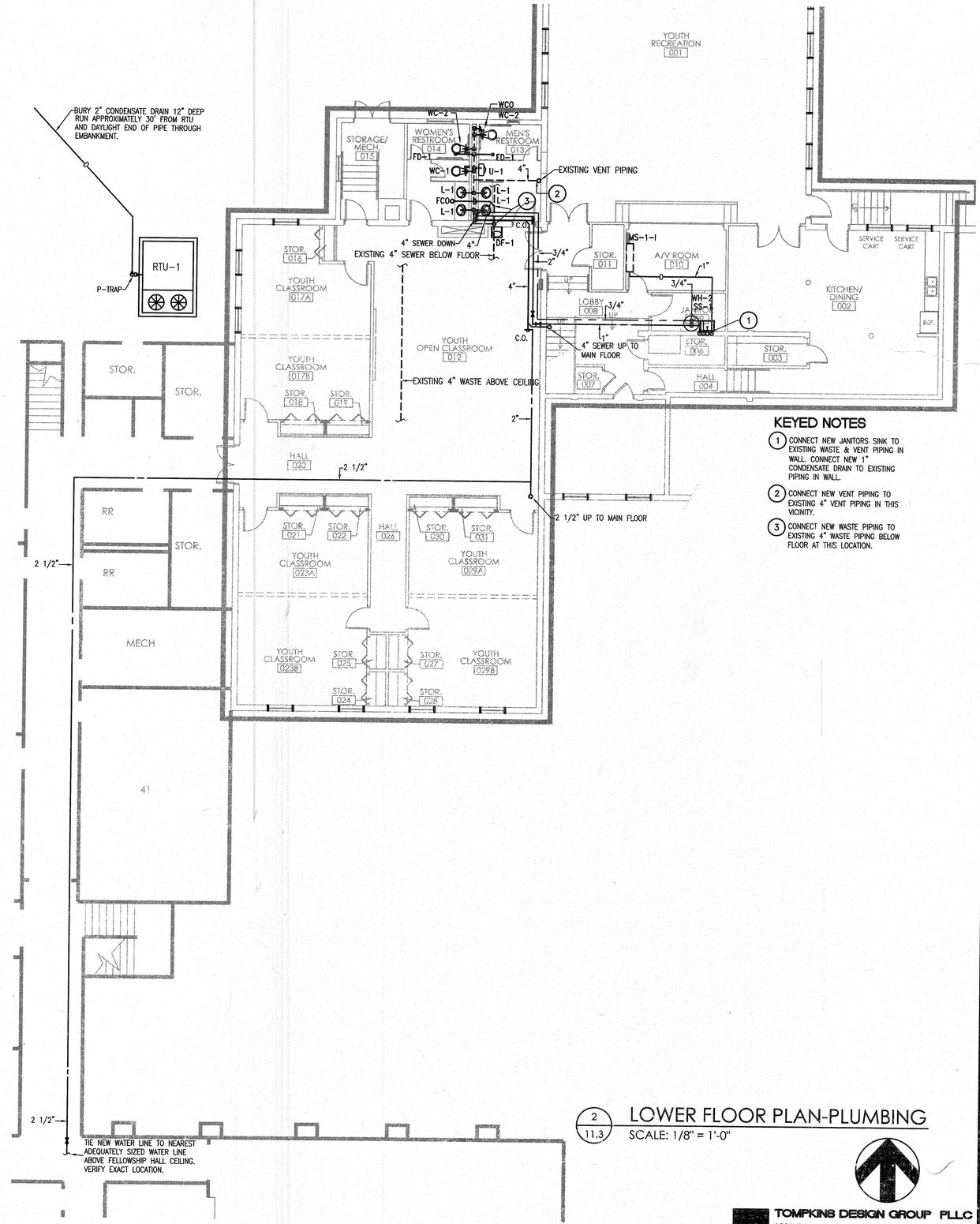
PLANS

11.2

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213



1 / 11.3 BASEMENT PLAN (SCOUT ROOM)-PLUMBING
SCALE: 1/8" = 1'-0"



KEYED NOTES

1. CONNECT NEW JANITORS SINK TO EXISTING WASTE & VENT PIPING IN WALL. CONNECT NEW 1" CONDENSATE DRAIN TO EXISTING PIPING IN WALL.
2. CONNECT NEW VENT PIPING TO EXISTING 4" VENT PIPING IN THIS VICINITY.
3. CONNECT NEW WASTE PIPING TO EXISTING 4" WASTE PIPING BELOW FLOOR AT THIS LOCATION.

2 / 11.3 LOWER FLOOR PLAN-PLUMBING
SCALE: 1/8" = 1'-0"

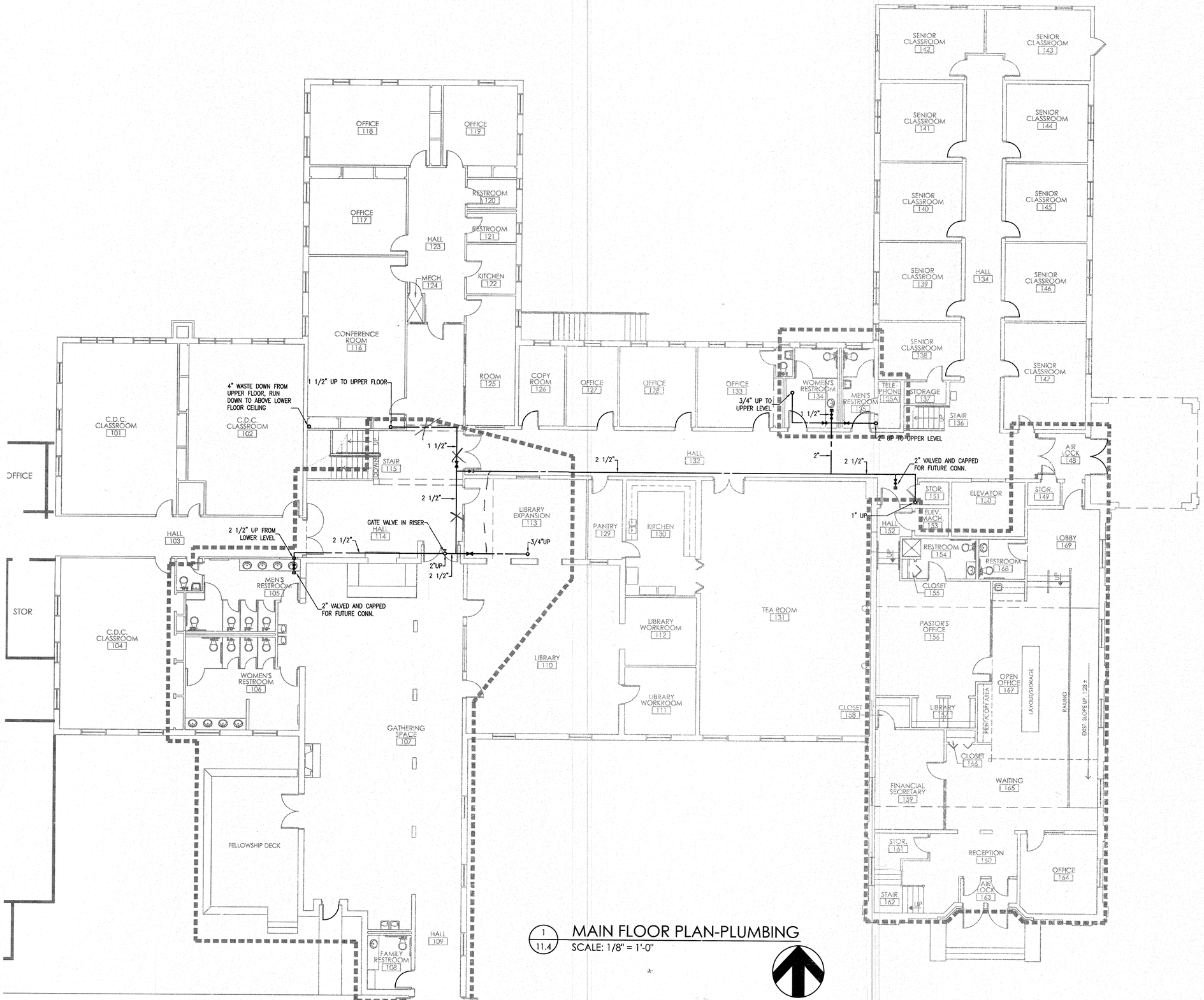
BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213

PROJECT #: 0902
DATE:
REVISION:
SHEET:
PLANS
11.3



1/11.4 MAIN FLOOR PLAN-PLUMBING

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

BELINDA STEWART ARCHITECTS, P.A
611 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS

PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES

MERIDIAN, MISSISSIPPI

PROJECT #: 0902

DATE:

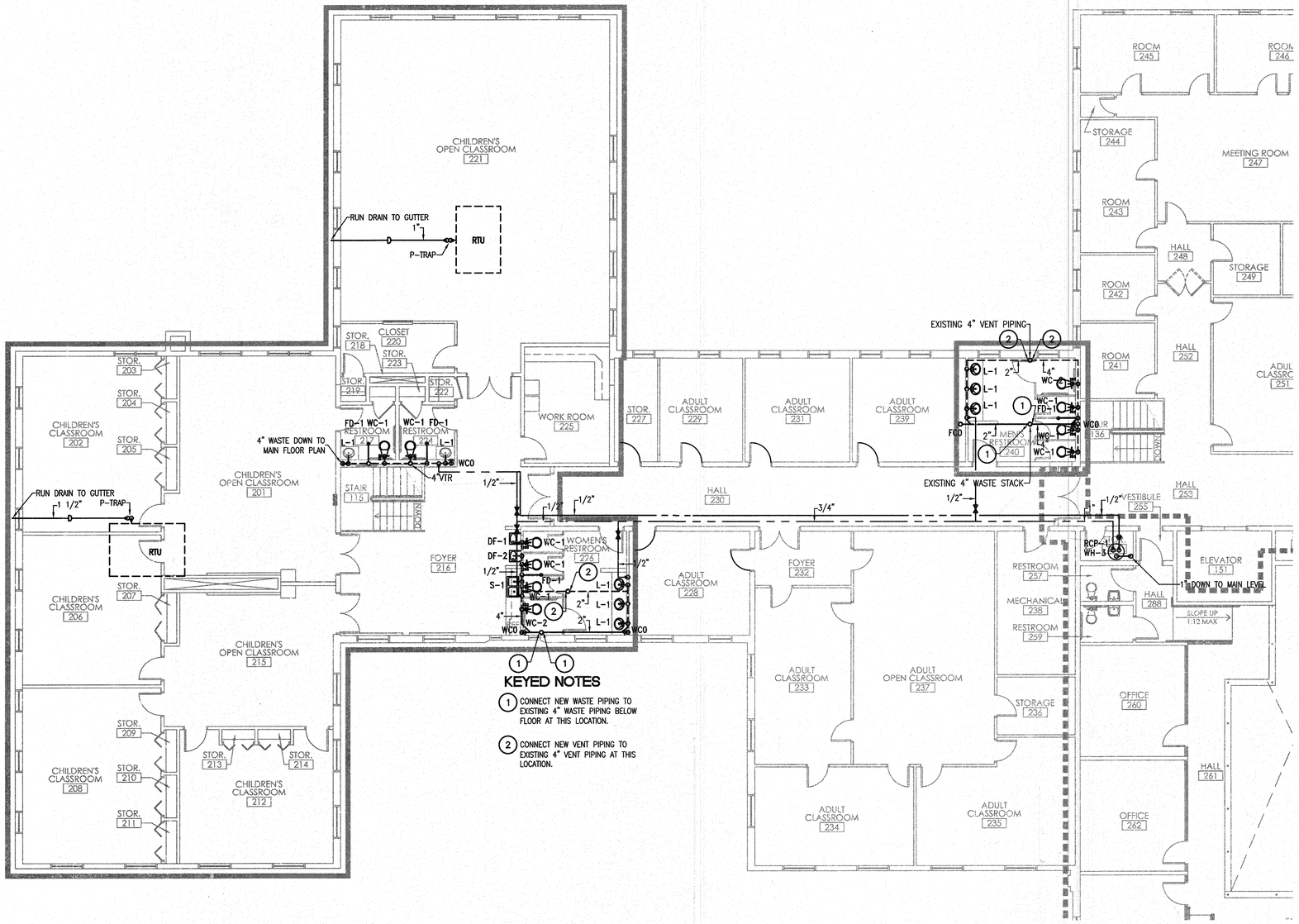
REVISION:

SHEET:

PLANS

11.4

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213



KEYED NOTES

1. CONNECT NEW WASTE PIPING TO EXISTING 4" WASTE PIPING BELOW FLOOR AT THIS LOCATION.
2. CONNECT NEW VENT PIPING TO EXISTING 4" VENT PIPING AT THIS LOCATION.

1 / 11.5 UPPER FLOOR PLAN-PLUMBING

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

BELINDA STEWART ARCHITECTS, P.A
611 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

PROJECT #: 0902

DATE:

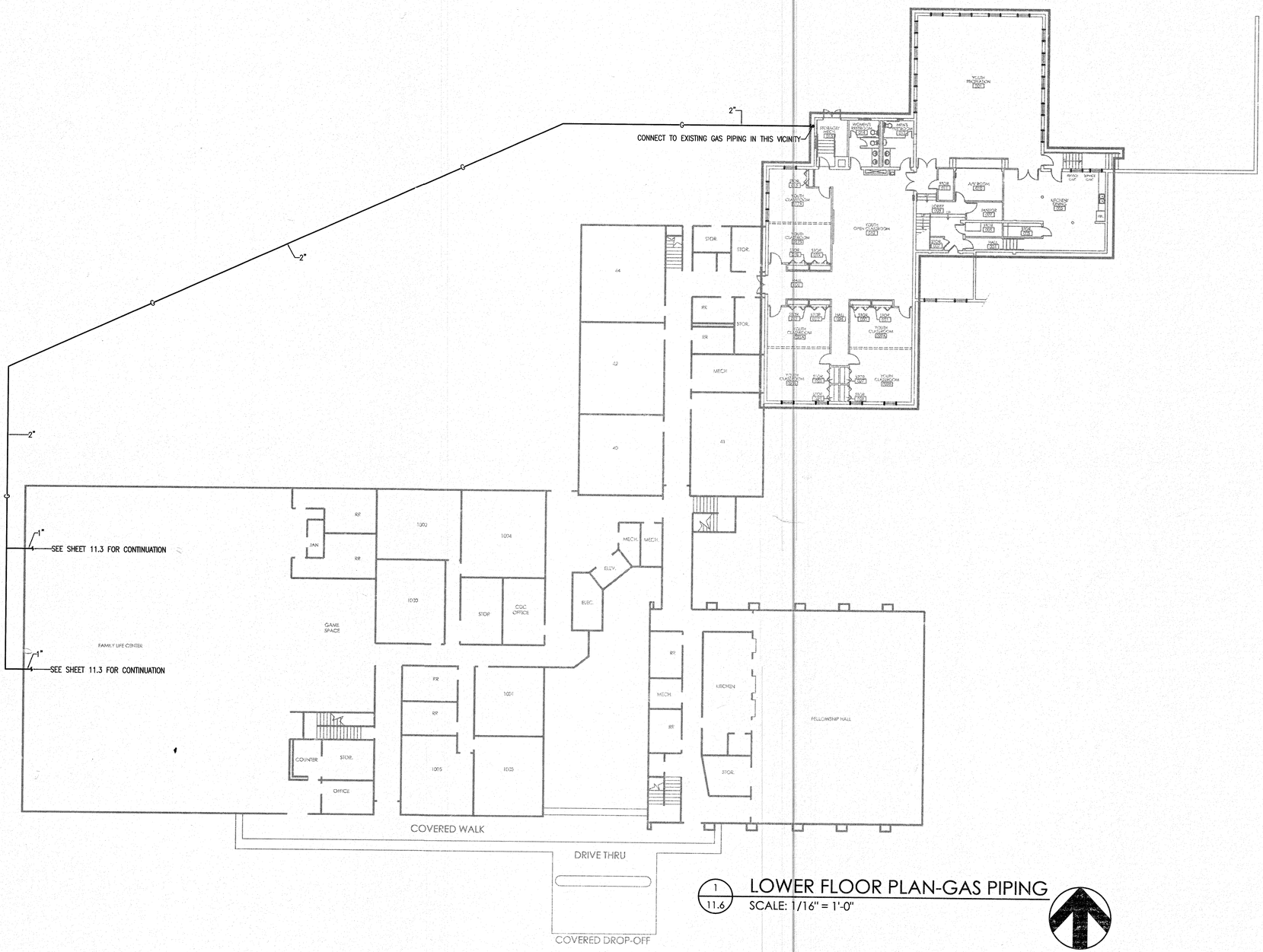
REVISION:

SHEET:

PLANS

11.5

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213



1 / 11.6 LOWER FLOOR PLAN-GAS PIPING

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

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P. O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

PROJECT #: 0902

DATE:

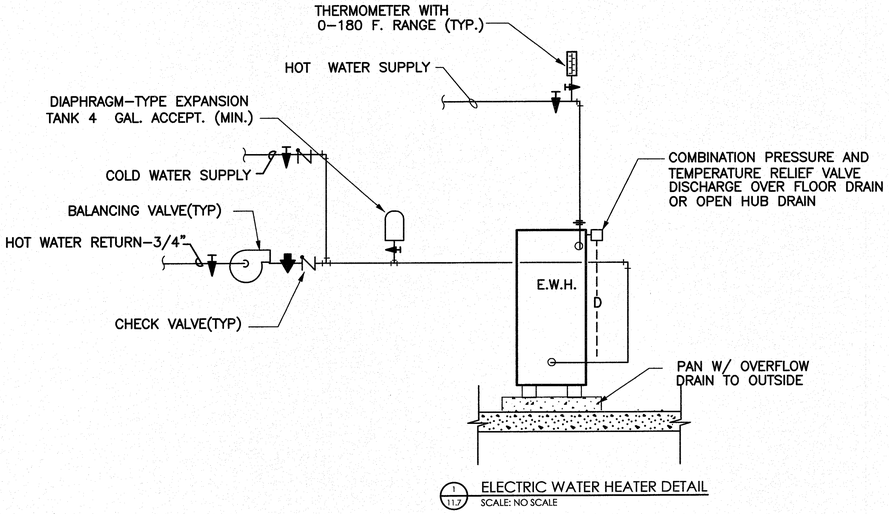
REVISION:

SHEET:

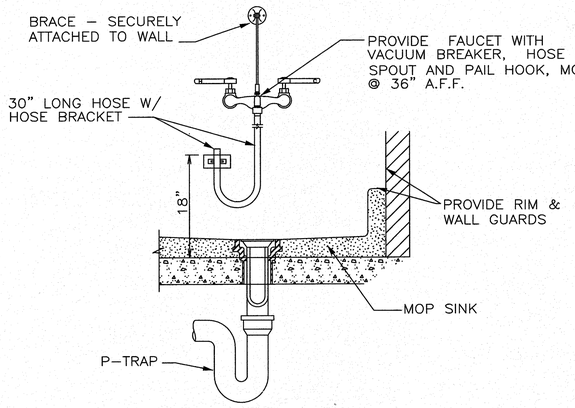
PLAN

11.6

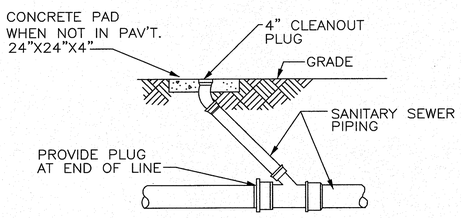
TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213



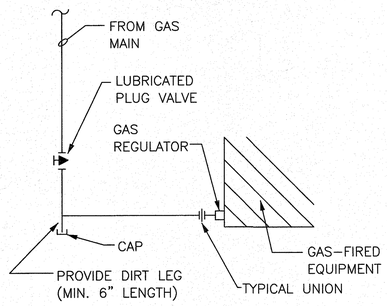
1 / 11.7 ELECTRIC WATER HEATER DETAIL
SCALE: NO SCALE



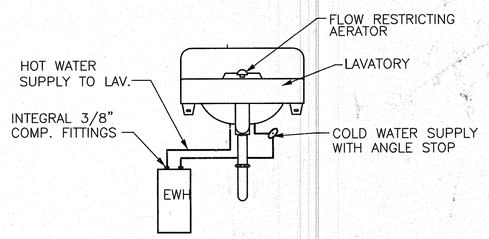
2 / 11.7 MOP SINK DETAIL
SCALE: NO SCALE



3 / 11.7 FIELD GRADE CLEANOUT DETAIL
SCALE: NO SCALE



4 / 11.7 GAS PIPE CONNECTION DETAIL
SCALE: NO SCALE



5 / 11.7 INSTANTANEOUS WATER HEATER DETAIL@LAV
SCALE: NO SCALE

FIXTURE SCHEDULE

ITEM	DESCRIPTION	MIN. SIZE CONNECTION SW	SV	CW	HW	P–TRAP SIZE
WC–1	WATER CLOSET: FLUSH VALVE TYPE; FLR. M'TD.; WHITE VIT. CHINA; ELONG. BOWL STANDARD	4"	4"	1"	---	INTEGRAL
WC–2	WATER CLOSET: FLUSH VALVE TYPE; FLR. M'TD.; WHITE VIT. CHINA; ELONG. BOWL; ADA COMPLIANT	4"	4"	1"	---	INTEGRAL
WC–3*	WATER CLOSET: FLUSH TANK TYPE; FLR. M'TD.; WHITE VIT. CHINA; ELONG. BOWL; ADA COMPLIANT*	4"	4"	1/2"	---	INTEGRAL
U–1	URINAL: WALL M'TD.; WHITE VIT. CHINA; ELONG. RIM; 3/4" TOP SPUD; ADA COMPLIANT.	3"	2"	3/4"	---	INTEGRAL
L–1	LAVATORY: COUNTER MOUNTED; VITREOUS CHINA , ADA COMPLIANT	1–1/4"	2"	1/2"	1/2"	1–1/4"
L–2	LAVATORY: WALL HUNG W/CARRIER; VITREOUS CHINA , ADA COMPLIANT	1–1/4"	2"	1/2"	1/2"	1–1/4"
S–1	SINK: DOUBLE CMP'T: C'TOP; ST. STL.; SELF–RIMMING (33"W x 22"D)	1–1/2"	2"	1/2"	1/2"	1–1/2 "
S–2	SINK: SINGLE CMP'T: WALL MOUNT; ST. STL.; W/ FAUCET & TRAP (23"W x 18.5"D)	3"	2"	1/2"	1/2"	1–1/2 "
SS–1	SERVICE SINK: FLOOR M'TD, MOLDED MOP BASIN	3"	2"	1/2"	1/2"	3"
DF–1	ELEC. DRINKING F'TN.: WALL M'TD. ADA COMPLIANT	2"	2"	1/2"	---	2"
DF–2	ELEC. DRINKING F'TN.: WALL M'TD.	2"	2"	1/2"	---	2"
FD–1	FLOOR DRAIN, C.I. BODY, MIN. 5" DIA. ADJ. NICKLE BRONZE STRAINER W/TRAP PRIMER	4"	2"	1/2"	--	4"

*=WC–3 IS PART OF A SANIFLO SYSTEMS SEWAGE PUMPING PACKAGE, SEE SHEET 11.3 FOR SPECIFICATION.

HOT WATER HEATER SCHEDULE

EQUIP. SYMBOL	MANUFACTURER/ MODEL	SYSTEM	VOLTAGE /PHASE	FUEL	KW	RECOVERY CAPACITY GPM @ 80 F RISE	GALL. STORAGE	REMARKS
WH–1	EEMAX SP–3208	HOT WATER	208v/1ø	ELEC.	3.0	---	---	TANKLESS TYPE
WH–2	RHEEM ES50–9	HOT WATER	208v/3ø	ELEC.	9.0**	81.0	50.0	SEE SPECIFICATIONS
WH–3	RHEEM ES50–9	HOT WATER	208v/3ø	ELEC.	9.0**	81.0	50.0	SEE SPECIFICATIONS, W/RCP–1*

*–RCP–1, TACO MODEL 0010, 10 GPM @ 10' HEAD, 120V, 1ø, 1/15 HP., ALL BRONZE.
**–WITH SIMULTANEOUS HEATING ELEMENTS.

PLUMBING ABBREVIATIONS

AB.	ABOVE
AFF	ABOVE FINISHED FLOOR
ARCH.	ARCHITECTURAL
BEL.	BELOW
B.F.P.	BACKFLOW PREVENTER
CONN.	CONNECT(ION)
CI.	CAST IRON
CO.	CLEANOUT
CW	COLD WATER
DN.	DOWN
DWG.	DRAWING
ELEV.	ELEVATION
EXT.	EXTERIOR
F.F.	FINISHED FLOOR
FCO.	FLOOR CLEANOUT
FD.	FLOOR DRAIN
F.G.	FINISHED GRADE
F.L.	FLOWLINE
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
H'CAP	HANDICAPPED
HORIZ.	HORIZONTAL
MIN.	MINIMUM
MAX.	MAXIMUM
OPNG.	OPENING
REQD.	REQUIRED
SECT.	SECTION
TYP.	TYPICAL
VTR	VENT THRU ROOF
WCO.	WALL CLEANOUT
W.H.	WATER HEATER

PLUMBING LEGEND

- SOIL OR WASTE PIPING (SW)
- SANITARY VENT (SV)
- COLD WATER (CW)
- HOT WATER (HW)
- HOT WATER RETURN (HWR)
- G — NATURAL GAS PIPING (G)
- D — CONDENSATE OR OVERFLOW DRAIN (D)
- UNION
- CHECK VALVE
- CO — CLEANOUT
- WCO — WALL CLEANOUT
- CONNECT NEW TO EXISTING
- VENT THRU ROOF (V.T.R.)
- ROOF DRAIN (RD)
- FLOOR DRAIN (FD)
- CUT OFF VALVE
- PIPE TURNING DOWN

PLUMBING NOTES

1. PLUMBING DRAWINGS ARE GENERALLY DIAGRAMMATIC, AND ARE NOT INTENDED TO SHOW EXACT LOCATIONS OF PLUMBING FIXTURES, PIPEWORK OR EQUIPMENT. OFFSETS, RISES AND DROPS SHALL BE INSTALLED AS NECESSARY TO BYPASS BEAMS, COLUMNS, DUCTS, ETC., AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE PLUMBING WORK WITH THE WORK OF ALL OTHER TRADES. IN THE EVENT CONFLICTS ARE ENCOUNTERED WHICH CANNOT BE RESOLVED BY THE TRADES INVOLVED, THE ENGINEER SHALL BE CONSULTED AND HIS DECISION SHALL GOVERN.
2. PROVIDE AND INSTALL WATER HAMMER ARRESTERS IN ACCORDANCE WITH PLUMBING AND DRAINAGE INSTITUTE STANDARD PD1–WH 201

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213

BELINDA STEWART ARCHITECTS, P.A.
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

PROJECT #: 0902
DATE:
REVISION:
SHEET:
SCHEDULES & DETAILS
11.7

HVAC GENERAL NOTES (TYPICAL)

1. THESE DRAWINGS ARE SCHEMATIC AND DO NOT SHOW ALL DETAILS NOR CHANGES IN ELEVATIONS FOR A COMPLETE INSTALLATION OF THE DUCTWORK AND PIPING. IT IS INTENDED THAT ALL NECESSARY APPURTENANCES, EQUIPMENT AND CONTROLS BE PROVIDED BY THE CONTRACTOR FOR A COMPLETE HVAC SYSTEM. CONTRACTOR SHALL COORDINATE ALL HVAC WORK WITH ELECTRICAL, STRUCTURAL, AND ARCHITECTURAL WORK. HVAC SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS. PROVIDE NECESSARY OFFSETS IN PIPING, DUCTWORK AND CONDUIT AS REQUIRED.

2. COORDINATE LOCATIONS OF CEILING DIFFUSERS AND GRILLES WITH THE LIGHTING PLAN AND THE REFLECTED CEILING PLAN.

3. DUCTWORK CLASSIFICATION IS LOW PRESSURE DUCTWORK WHICH IS LIMITED TO STATIC PRESSURES OF TWO INCHES OF WATER OR LESS.

4. PROVIDE MANUAL VOLUME DAMPERS IN ALL DUCT RUNOUTS TO SUPPLY DIFFUSERS AS CLOSE TO TRUNK AS POSSIBLE.

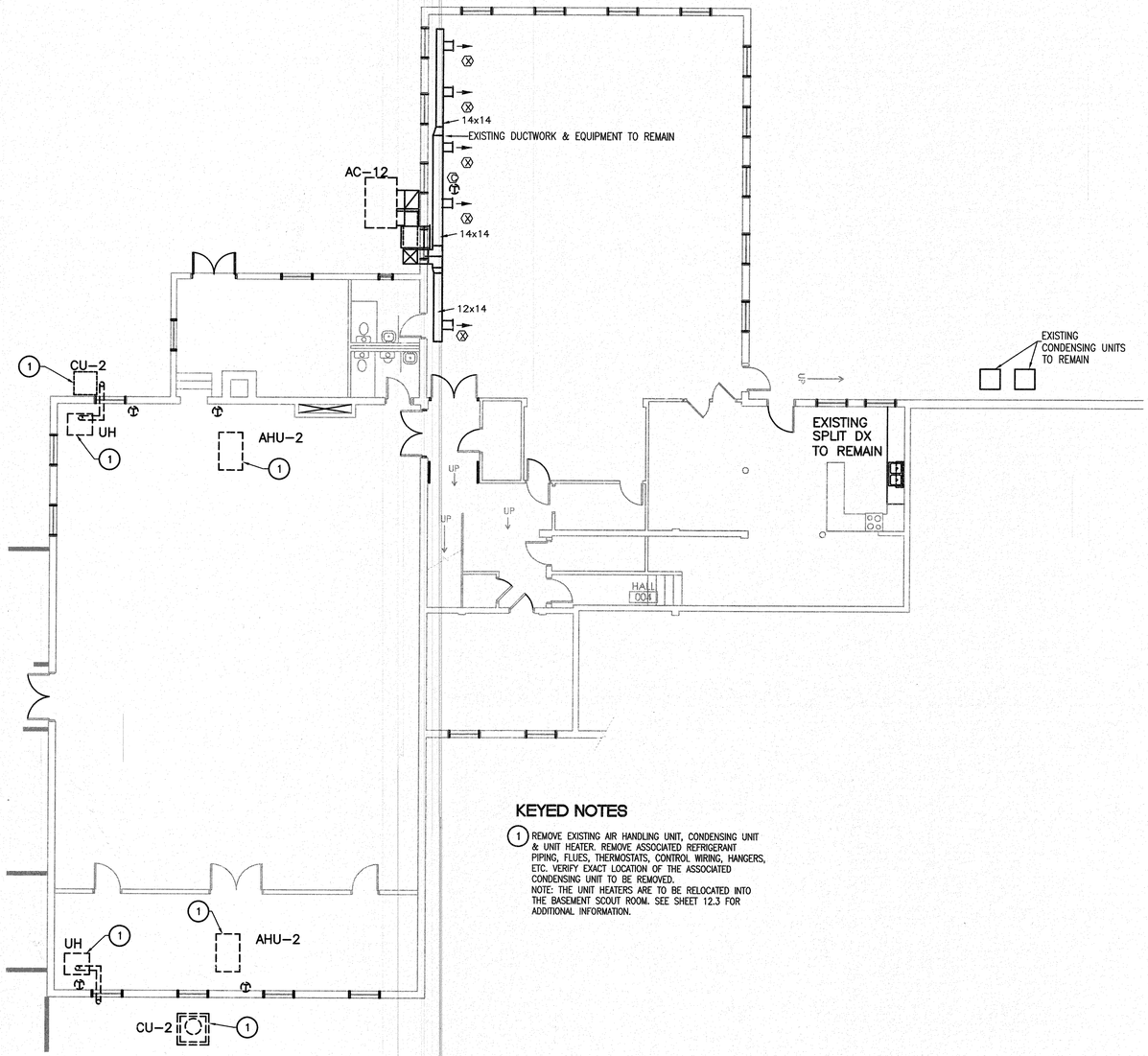
5. THE DUCT SIZES ARE INDICATED BY THE FACE SHOWN AS THE FIRST FIGURE.

6. PROVIDE DOUBLE THICKNESS TURNING VANES (AIRFOIL TYPE) IN ALL DUCTWORK AT ALL ELBOWS GREATER THAN 45 DEGREES.

7. ALL DUCTWORK SHALL BE SEALED IN ACCORDANCE WITH ASHRAE CLASS A SEAL LEVEL AND SMACNA.

MECHANICAL LEGEND

EF	EXHAUST FAN
AHU	AIR HANDLING UNIT
FCU	FAN COIL UNIT
W.G.	WATER GAGE
WPD	WATER PRESSURE DROP
SP	STATIC PRESSURE
ESP	EXTERNAL STATIC PRESSURE
OAU	OUTSIDE AIR UNIT
CU	CONDENSING UNIT
EAT	ENTERING AIR TEMPERATURE
LAT	LEAVING AIR TEMPERATURE
DN	DOWN
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
AFF	ABOVE FINISHED FLOOR
SW	SWITCH
NOM	NOMINAL
CFM	CUBIC FEET PER MINUTE
GPM	GALLON PER MINUTE
TYP.	TYPICAL
T	THERMOSTAT
S	SMOKE DETECTOR
$	SWITCH
	APPROX. POINT OF CONNECTION CONNECT NEW TO EXISTING
D	COIL CONDENSATE
	GATE VALVE
	PRESSURE REDUCING VALVE (PRV)
	CHECK VALVE
	STRAINER
	UNION
	FLEXIBLE PIPE CONNECTION
	FLEXIBLE DUCT CONNECTION
	OPPOSED BLADE DAMPER
	TURNING VANES
M	MOTOR OPERATED DAMPER
	MANUAL VOLUME DAMPER
	DUCT CROSS SECTION – RETURN/EXHAUST
	DUCT CROSS SECTION – SUPPLY
	CEILING SUPPLY DIFFUSER, REGISTER
	CEILING RETURN DIFFUSER, REGISTER
F	FIRE DAMPER



KEYED NOTES

1. REMOVE EXISTING AIR HANDLING UNIT, CONDENSING UNIT & UNIT HEATER. REMOVE ASSOCIATED REFRIGERANT PIPING, FLUES, THERMOSTATS, CONTROL WIRING, HANGERS, ETC. VERIFY EXACT LOCATION OF THE ASSOCIATED CONDENSING UNIT TO BE REMOVED.
NOTE: THE UNIT HEATERS ARE TO BE RELOCATED INTO THE BASEMENT SCOUT ROOM. SEE SHEET 12.3 FOR ADDITIONAL INFORMATION.

1/12.1 LOWER FLOOR PLAN-HVAC-DEMOLITION

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

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

PROJECT #: 0902

DATE:

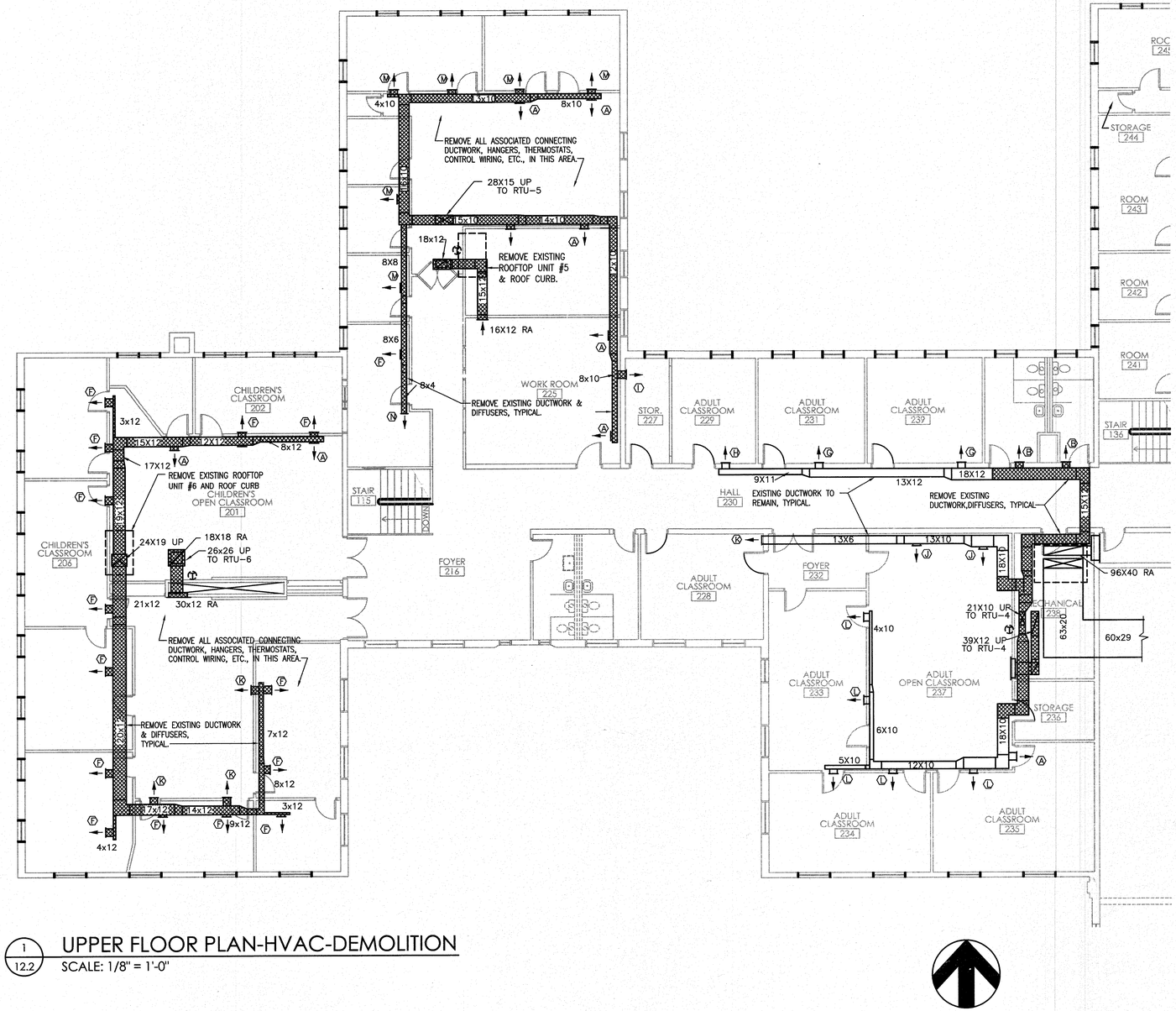
REVISION:

SHEET:

PLANS

12.1

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213



1 / 12.2 UPPER FLOOR PLAN-HVAC-DEMOLITION

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

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

PROJECT #: 0902

DATE:

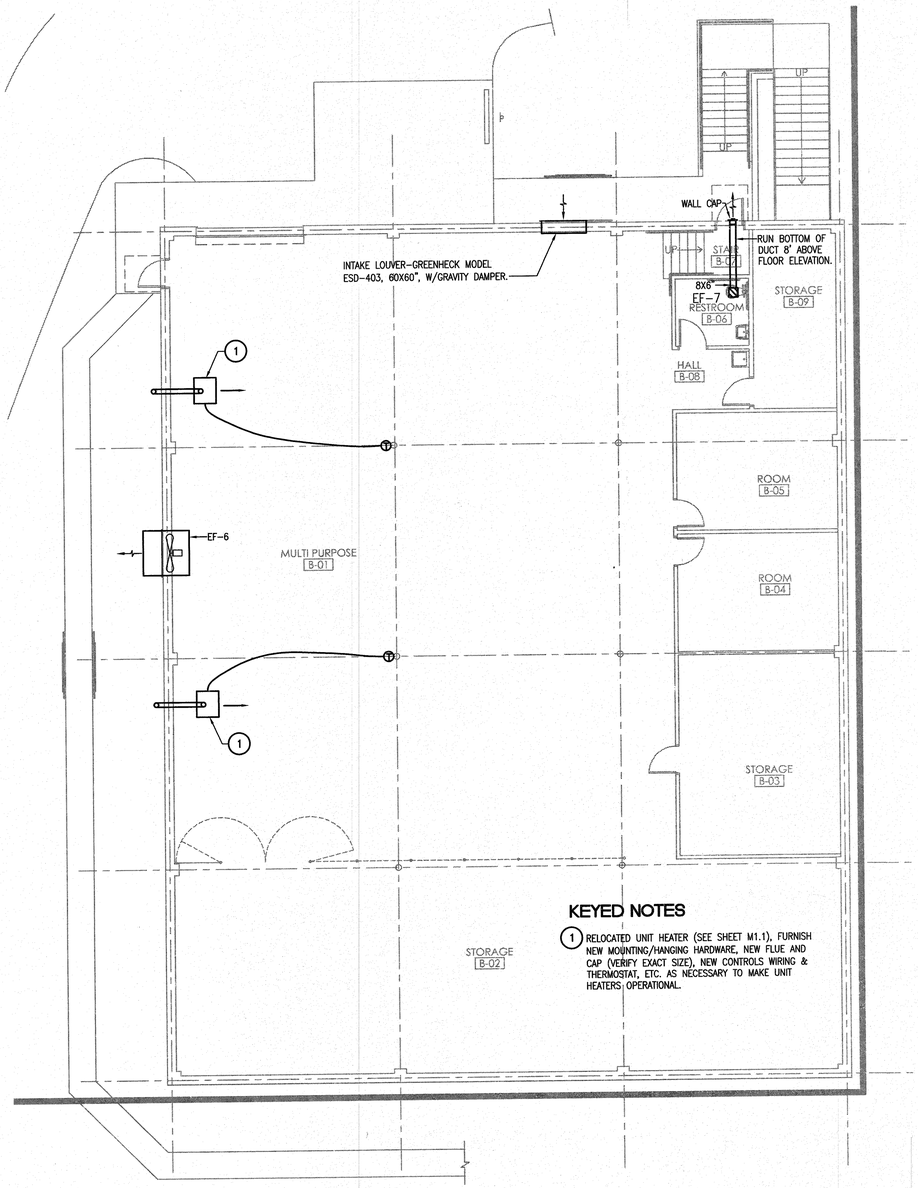
REVISION:

SHEET:

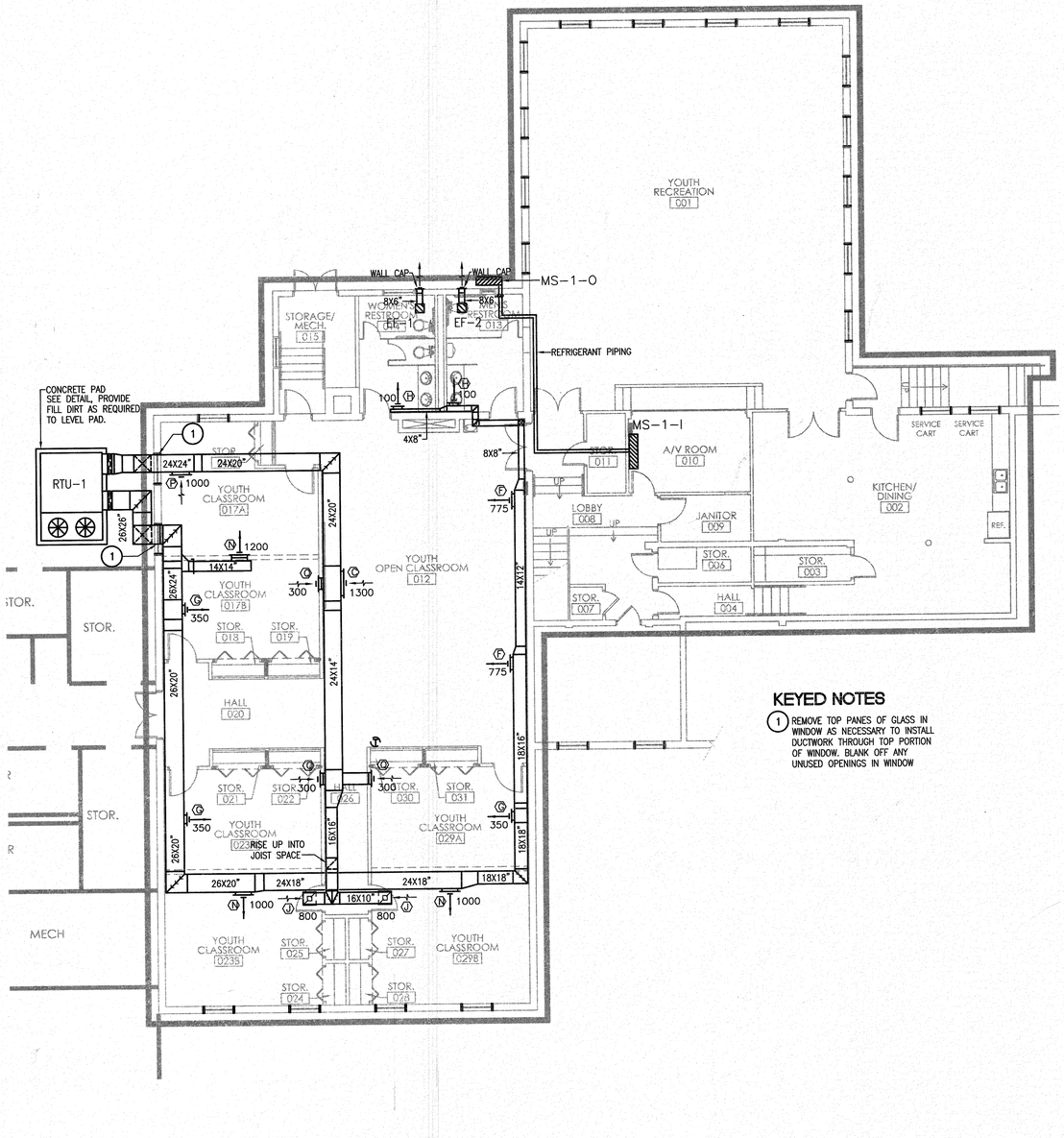
PLANS

12.2

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213



1 / 12.3 BASEMENT PLAN (SCOUT ROOM)-HVAC
SCALE: 1/8" = 1'-0"



2 / 12.3 LOWER FLOOR PLAN-HVAC
SCALE: 1/8" = 1'-0"

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

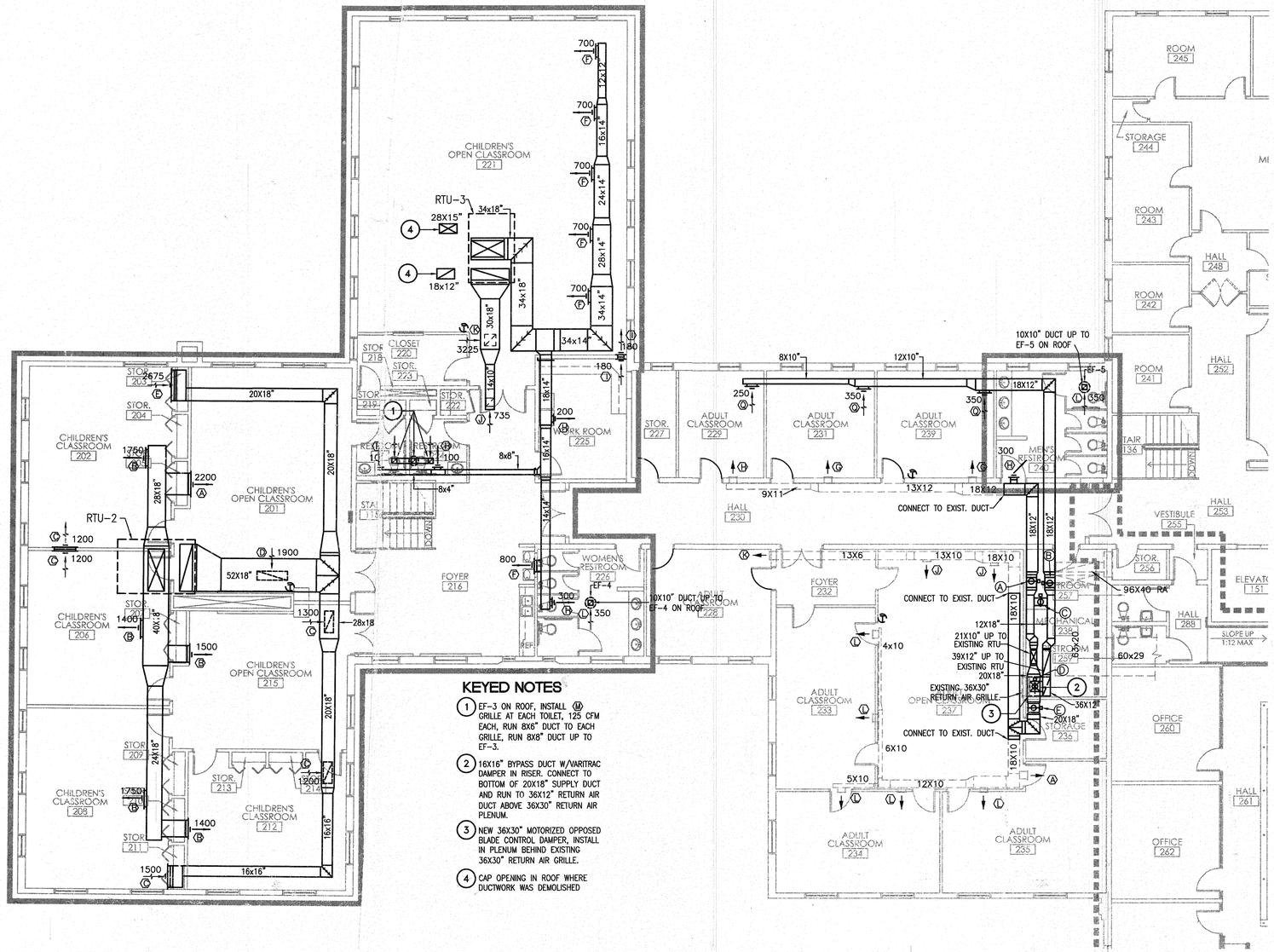
HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

BELINDA S. JOHNSTON
LICENSED PROFESSIONAL ENGINEER
No. 10170
12-29-2011
STATE OF MISSISSIPPI

PROJECT #: 0902
DATE:
REVISION:
SHEET:
PLANS
12.3

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213



KEYED NOTES

1. EF-3 ON ROOF, INSTALL Ⓜ GRILLE AT EACH TOILET, 125 CFM EACH, RUN 8X6" DUCT TO EACH GRILLE, RUN 8X8" DUCT UP TO EF-3.
2. 16X16" BYPASS DUCT W/VARITRAC DAMPER IN RISER. CONNECT TO BOTTOM OF 20X18" SUPPLY DUCT AND RUN TO 36X12" RETURN AIR DUCT ABOVE 36X30" RETURN AIR PLENUM.
3. NEW 36X30" MOTORIZED OPPOSED BLADE CONTROL DAMPER, INSTALL IN PLENUM BEHIND EXISTING 36X30" RETURN AIR GRILLE.
4. CAP OPENING IN ROOF WHERE DUCTWORK WAS DEMOLISHED

1/12.4 UPPER FLOOR PLAN-HVAC

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

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

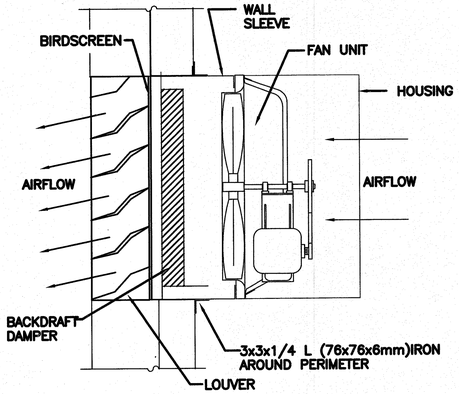
HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

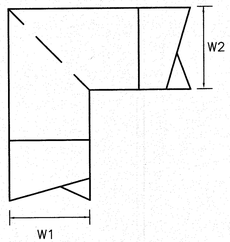
EUGENE S. JOHNSTON
Registered Professional Engineer
No. 10170
3-2-2011
STATE OF MISSISSIPPI

PROJECT #: 0902
DATE:
REVISION:
SHEET:
PLANS
12.4

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213

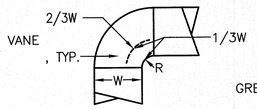


1 / 12.5 WALL FAN DETAIL
SCALE: NO SCALE



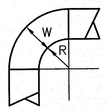
NOTES:
1. ALL VANED ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
2. WHEN W1 DOES NOT EQUAL W2 VANE SHALL HAVE SINGLE VANE TYPE REGARDLESS OF W DIMENSION.
3. ALL SINGLE VANES SHALL HAVE A 2 INCH RADIUS, 1 1/2 INCH MAXIMUM SPACE BETWEEN VANES AND A 3/4 INCH TRAILING EDGE.
4. WHEN W1 EQUALS W2 AND W1 IS GREATER THAN 20 INCHES VANES SHALL BE DOUBLE VANE TYPE.

SQUARE VANED ELBOWS



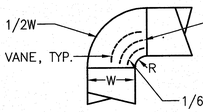
GREATER THAN 1/3W.

SHORT RADIUS ELBOW WITH ONE VANE



R SHALL EQUAL OR BE GREATER THAN W.

STANDARD RADIUS ELBOW



R SHALL EQUAL OR BE GREATER THAN 1/6W.

SHORT RADIUS ELBOW WITH TWO VANES

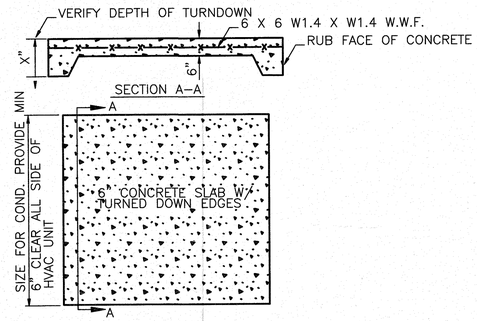
3 / 12.5 RADIUS ELBOW DETAILS
SCALE: NO SCALE

NOTES:
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS SHOWN ON PLANS MAY BE MADE SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

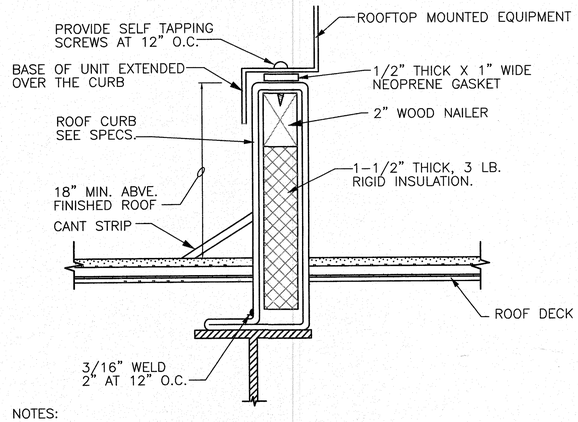
FAN SCHEDULE

EQUIPMENT NO.	CFM	S.P (IN.W.C.)	MOTOR DATA HP OR WATTS	MOTOR DATA VOLT/HZ/PH	DAMPER TYPE	DRIVE	TYPE	FAN MAX RPM	MAX SONES	LOCATION	SERVICE	REMARKS PROVIDE ALL 3 PHASE FANS WITH NEMA STARTERS
EF-1	125	0.125	129w.	120/60/1	BACKDRAFT	DIRECT	CEILING CABINET EXHAUST	848	2.5	TLT. 014	-----	EQ. TO GREENHECK SP-B150 W/VIB. ISOL., ALUM. GRILLE, WALL CAP
EF-2	125	0.125	129w.	120/60/1	BACKDRAFT	DIRECT	CEILING CABINET EXHAUST	848	2.5	TLT. 013	-----	EQ. TO GREENHECK SP-B150 W/VIB. ISOL., ALUM. GRILLE, WALL CAP
EF-3	250	0.25	1/25h.	120/60/1	BACKDRAFT	DIRECT	ROOFTOP CENTRIFUGAL	1414	4.1	TLT. 217	-----	EQ. TO GREENHECK G-75-D W/VIB. ISOL., ROOF CURB, B'D'DAMPER.
EF-4	350	0.25	1/20h.	120/60/1	BACKDRAFT	DIRECT	ROOFTOP CENTRIFUGAL	1323	5.5	TLT. 226	-----	EQ. TO GREENHECK G-85-D W/VIB. ISOL., ROOF CURB, B'D'DAMPER.
EF-5	350	0.25	1/20h.	120/60/1	BACKDRAFT	DIRECT	ROOFTOP CENTRIFUGAL	1323	5.5	TLT. 240	-----	EQ. TO GREENHECK G-85-D W/VIB. ISOL., ROOF CURB, B'D'DAMPER.
EF-6	10,000	.375	1.5hp	208/60/1	BACKDRAFT	BELT	SIDEWALL PROPELLER	818	22.0	MULTI-P. B-01	-----	EQ. TO GREENHECK SBE-2L30 - NOTE-1
EF-7	125	0.125	129w.	120/60/1	BACKDRAFT	DIRECT	CEILING CABINET EXHAUST	848	2.5	TLT. B-06	-----	EQ. TO GREENHECK SP-B150 W/VIB. ISOL., ALUM. GRILLE, WALL CAP

NOTE-1=WITH WALL HOUSING & GUARD, BACKDRAFT DAMPER & WEATHERHOOD.



2 / 12.5 HVAC UNIT PAD DETAIL
SCALE: NO SCALE



NOTES:
1. FLASHING AND COUNTERFLASHING SHALL BE INSTALLED ACCORDING TO ROOFING MANUFACTURER'S SPECIFICATIONS. OPENINGS THROUGH ROOF ARE FOR DUCT PENETRATIONS ONLY. CONNECT TO THE EXISTING DUCTWORK.

4 / 12.5 ROOF CURB DETAIL
SCALE: NO SCALE

AIR DEVICE SCHEDULE

SYMBOL	FACE SIZE	DIFFUSER TYPE	NECK SIZE	NOTES
S/W (A) S	36X16"	LOUVER FACE SUPPLY 3/4" BLADE SPACING	34X14"	EQUAL TO PRICE 620DS, W. OBD
S/W (B) S	28X16"	LOUVER FACE SUPPLY 3/4" BLADE SPACING	26X14"	EQUAL TO PRICE 620DS, W. OBD
S/W (C) R	36X16"	LOUVER FACE RETURN 3/4" BLADE SPACING	34X14"	EQUAL TO PRICE 610DS, W. OBD
S/W (D) R	50X16"	LOUVER FACE RETURN 3/4" BLADE SPACING	48X14"	EQUAL TO PRICE 610DS, W. OBD
S/W (E) R	50X20"	LOUVER FACE RETURN 3/4" BLADE SPACING	48X18"	EQUAL TO PRICE 610DS, W. OBD
S/W (F) S	20X12"	LOUVER FACE SUPPLY 3/4" BLADE SPACING	18X10"	EQUAL TO PRICE 620DS, W. OBD
S/W (G) S	14X10"	LOUVER FACE SUPPLY 3/4" BLADE SPACING	12X8"	EQUAL TO PRICE 620DS, W. OBD
S/W (H) S	12X8"	LOUVER FACE SUPPLY 3/4" BLADE SPACING	10X6"	EQUAL TO PRICE 620DS, W. OBD
S/W (I) R	12X8"	LOUVER FACE RETURN 3/4" BLADE SPACING	10X6"	EQUAL TO PRICE 610DS, W. OBD
CEILING (J) E/R	14X14"	CEILING EXHAUST GRILLE CUBE CORE FACE	12X12"	EQUAL TO PRICE 82D, W. OBD
CEILING (K) E/R	26X32"	CEILING EXHAUST GRILLE CUBE CORE FACE	24X30"	EQUAL TO PRICE 82D, W. OBD
CEILING (L) E/R	10X10"	CEILING EXHAUST GRILLE CUBE CORE FACE	8X8"	EQUAL TO PRICE 82D, W. OBD
CEILING (M) E/R	8X8"	CEILING EXHAUST GRILLE CUBE CORE FACE	6X6"	EQUAL TO PRICE 82D, W. OBD
S/W (N) S	24X14"	LOUVER FACE SUPPLY 3/4" BLADE SPACING	22X12"	EQUAL TO PRICE 620DS, W. OBD
S/W (P) R	26X16"	LOUVER FACE RETURN 3/4" BLADE SPACING	24X14"	EQUAL TO PRICE 610DS, W. OBD
S/W (Q) R	18X8"	LOUVER FACE RETURN 3/4" BLADE SPACING	16X6"	EQUAL TO PRICE 610DS, W. OBD

PACKAGED ROOFTOP UNIT SCHEDULE

MARK	SUPPLY AIR-CFM	OSA CFM	EXT. S.P.W.G.	FAN HP	VOLTS/ PHASE	MCA	DX COOLING COIL REFRIGERANT	ENT. AIR TEMP db°F	ENT. AIR TEMP wb°F	TOTAL BTU/HR	SENSIBLE BTU/HR	GAS HEATING SECTION ENT. AIR TEMP °F	LVG AIR TEMP °F	OUTPUT BTU/HR	REMARKS
RTU-1	6,000	1,200	.7"	3.0	208v/3ø	78.0	R-410a	80	67	194,700	145,600	65	100	203,000	TRANE YCD180E3
RTU-2	10,000	1,500	.7"	7.5	208v/3ø	124.0	R-410a	80	67	297,700	236,000	65	100	203,000	TRANE YCD300E3
RTU-3	5,000	860	.7"	3.0	208v/3ø	68.0	R-410a	80	67	159,000	117,700	65	100	122,000	TRANE YCD150E3

VARIABLE VOLUME BOX SCHEDULE

SYMBOL	MAXIMUM SUPPLY AIR-CFM	MINIMUM SUPPLY AIR-CFM	INLET DUCT SIZE IN.	MAX. PRESS. DROP IN W.G.	N.C. RATING	HEATING COIL SUPPLY AIR-CFM	HEATING COIL KW	HEATING COIL VOLTAGE/ PHASE	REMARKS
(A)	1250	0	16X8"	0.25	35	---	---	---	TRANE VARITRAC VARA-7R
(B)	1250	0	16X8"	0.25	35	---	---	---	TRANE VARITRAC VARA-7R
(C)	1250	0	12"ø	0.25	35	---	---	---	TRANE VARITRAC VADB-12
(D)	2750	0	16X16"	0.25	35	---	---	---	TRANE VARITRAC VARA-2R
(E)	2750	0	18X14"	0.25	35	---	---	---	TRANE VARITRAC VARA-AR

DUCTLESS SPLIT SYSTEM/HEAT PUMP SCHEDULE

MARK	SUPPLY AIR-CFM	OSA CFM	COOLING CAPACITY BTUH	HEATING CAPACITY KW @ 17 F	ELECTRICAL VOLTS/PH/HZ	INDOOR UNIT M.C.A.	OUTDOOR UNIT M.C.A.	MANUFACTURER & MODEL #
MS-1-I & MS-1-O	570	--	22,000	---	208/1/60	1.0	17.0	EQ. TO MITSUBISHI MSY-A24NA/MUY-A24NA-*

*=W/CONDENSATE PUMP, INSTALL OUTDOOR UNIT ON CONCRETE PAD.

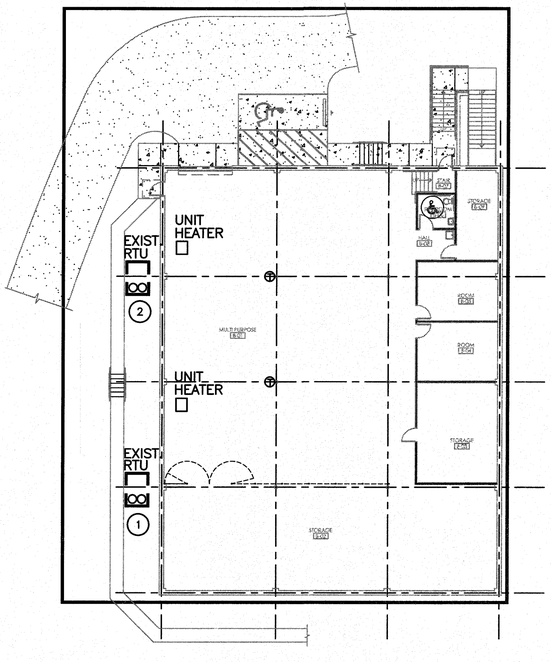
BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

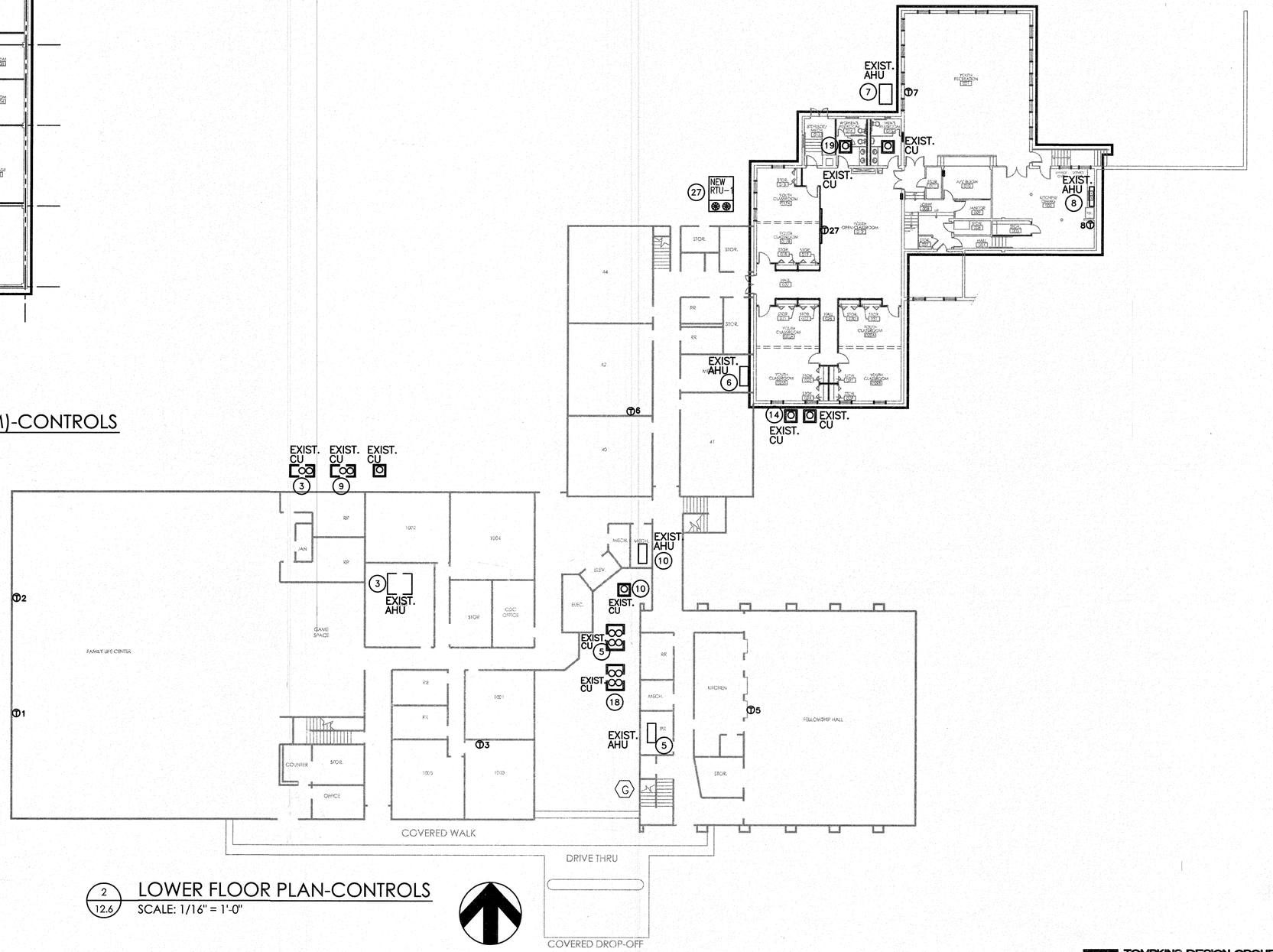
DEREK S. JOHNSTON
No. 10170
REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI

PROJECT #: 0902
DATE:
REVISION:
SHEET:
SCHEDS. & DTLS
12.5

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213



1 / 12.6 BASEMENT PLAN (SCOUT ROOM)-CONTROLS
SCALE: 1/16" = 1'-0"



2 / 12.6 LOWER FLOOR PLAN-CONTROLS
SCALE: 1/16" = 1'-0"

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

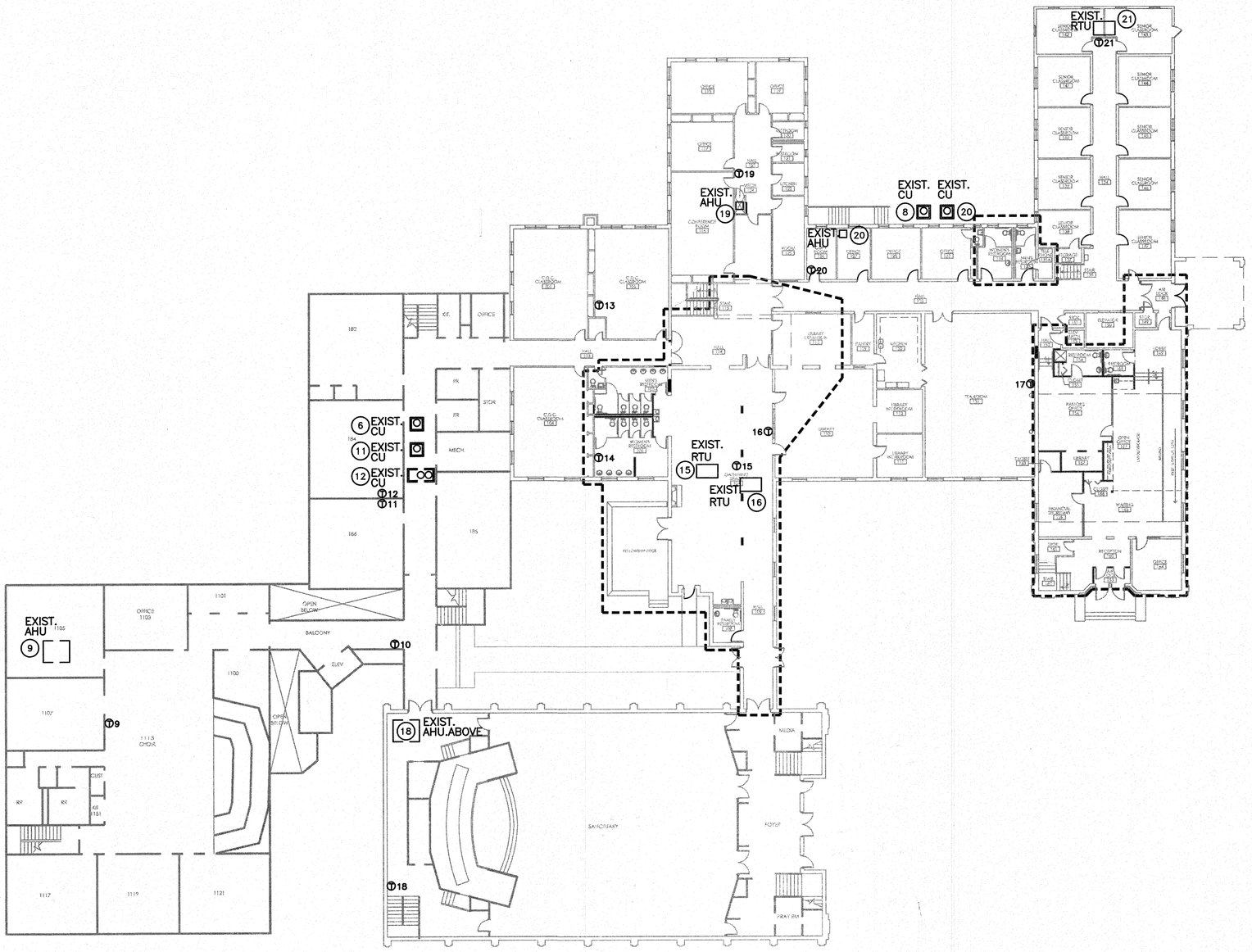
HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

DUSTINE S. JOHNSTON
REGISTERED PROFESSIONAL ENGINEER
No. 10170
3-22-2011
STATE OF MISSISSIPPI

PROJECT #: 0902
DATE:
REVISION:
SHEET:
PLANS
12.6

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213



1 / 12.7 MAIN FLOOR PLAN-CONTROLS

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

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

JOHNNIE S. JOHNSTON
REGISTERED PROFESSIONAL ENGINEER
No. 10170
DATE: 3-22-2021
STATE OF MISSISSIPPI

PROJECT #: 0902

DATE:

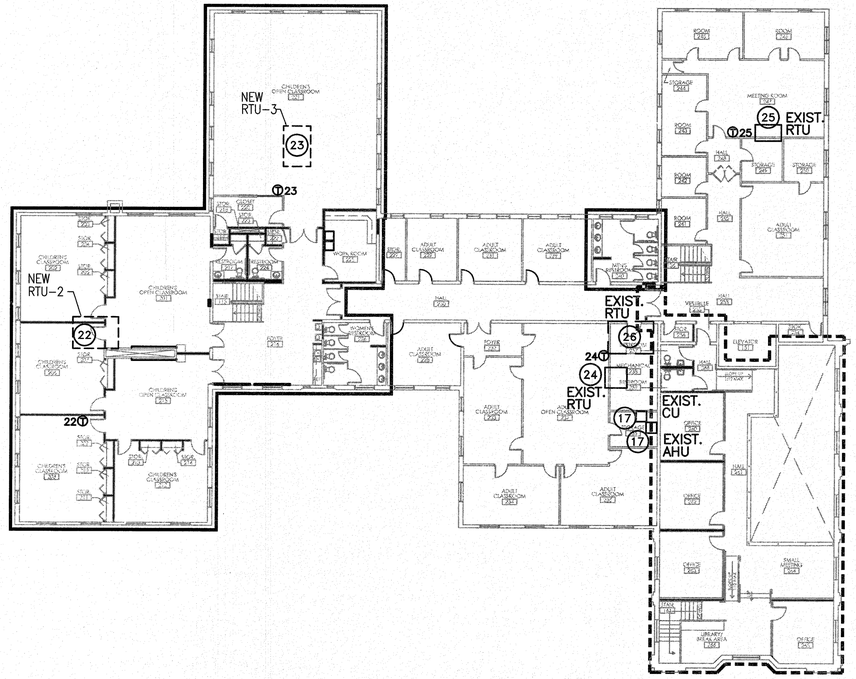
REVISION:

SHEET:

PLANS

12.7

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213



1 / 12.8 UPPER FLOOR PLAN-CONTROLS

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

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS

PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES

MERIDIAN, MISSISSIPPI

TOMPKINS DESIGN GROUP PLLC
6520 DOGWOOD VIEW PARKWAY
GARDEN OFFICE, SUITE E
JACKSON, MS 39213

PROJECT #: 0902

DATE:

REVISION:

SHEET:

PLANS

12.8

ATTACHMENT #1-7

ELECTRICAL LEGEND

GENERAL NOTES

1. ALL EQUIPMENT AND DEVICES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
2. OBJECTS NOTED AS "GFI" SHALL BE GROUND FAULT INTERRUPTING DEVICES.
3. DEVICES NOTED AS "WP" SHALL BE WEATHERPROOF WHILE-IN-USE.
4. DEVICES NOTED AS "NL" SHALL BE NIGHT LIGHTS. PROVIDE UNSWITCHED POWER TO FIXTURE.
5. PROVIDE UNSWITCHED POWER TO ALL EMERGENCY BATTERY PACKS.

LUMINAIRES (See Light Fixture Schedule)

NOTE: THE NUMBER INSIDE THE CIRCLE IS THE CIRCUIT NUMBER. THE LETTER BESIDE THE SYMBOL IS THE FIXTURE TYPE DESCRIBED IN THE LIGHT FIXTURE SCHEDULE.

- 2'X4' RECESSED FLUORESCENT FIXTURE.
- SURFACE MOUNTED OR SUSPENDED FLUORESCENT FIXTURE.
- 2'X4' RECESSED EMERGENCY FLUORESCENT FIXTURE.
- SURFACE MOUNTED OR SUSPENDED EMERGENCY FLUORESCENT FIXTURE.
- RECESSED CEILING FIXTURE. (FLUORESCENT, INCANDESCENT, H.I.D.)
- RECESSED EMERGENCY CEILING FIXTURE. (FLUORESCENT, INCANDESCENT, H.I.D.)
- PENDANT MOUNT FIXTURE. (FLUORESCENT, INCANDESCENT, H.I.D.)
- CEILING MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.
- WALL MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.
- WALL MOUNTED FIXTURE. (INCANDESCENT, H.I.D.)
- WALL MOUNTED FLUORESCENT FIXTURE.
- EMERGENCY LIGHTING.
- WALL MOUNTED EMERGENCY FLUORESCENT FIXTURE.
- SURFACE MOUNTED TRACK AND TRACK LIGHTING FIXTURE.

COMMUNICATIONS

- E — TELEPHONE CONNECTION FOR ELEVATOR CONTROLLER. INCLUDE ALL CABLING AND ACTIVATION OF TELEPHONE SERVICE.
- COMBINATION TELEPHONE/DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- COMBINATION TELEPHONE/DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH.
- TELEPHONE OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- TELEPHONE OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH.
- DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH.
- COMBINATION TELEPHONE/DATA OUTLET MOUNTED IN CEILING UNLESS NOTED OTHERWISE.

MISCELLANEOUS

- CONTACTOR.
- PE — PHOTOCELL.
- J — CEILING MOUNTED JUNCTION BOX.
- J — WALL MOUNTED JUNCTION BOX.
- FLEXIBLE CONNECTION TO EQUIPMENT.
- WALL MOUNTED MONITOR.
- DOUBLE FACE CLOCK.
- SINGLE FACE CLOCK.

INTERCOM SYSTEM

- S — CEILING SPEAKER.
- S — WALL MOUNT SPEAKER.
- OS — CALL-IN SWITCH.
- MS — INTERCOM MASTER STATION WITH DOOR RELEASE. DESKTOP MOUNT.

SWITCHES

- $ — SINGLE-POLE, SINGLE-THROW SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- $2P — DOUBLE-POLE, 30 AMP, SINGLE-THROW SWITCH. MOUNT CENTERLLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- $3 — THREE-WAY SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- $4 — FOUR-WAY SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- ϕ — 600 WATT INCANDESCENT DIMMER. MOUNT CENTERLINE OF BOX AT 45"AF.F. UNLESS NOTED OTHERWISE.
- $RL — 3-POSITION SWITCH, RAISE/OFF/LOWER. MOUNT CENTERLINE OF BOX 45"A.F.F. UNLESS NOTED OTHERWISE.
- $M — AUTOMATIC WALL SWITCH EQUAL TO WATTSTOPPER #WS-200 OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.
- $TS — DIGITAL TIME SWITCH WITH ADJUSTABLE RANGE FROM 5 MINUTES TO 12 HOURS. FURNISH WITH AUDIBLE WARNING. EQUAL TO WATTSTOPPER #TS-400 OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.
- MDC — PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 2000 SQ. FT. COVERAGE. MOUNT IMMEDIATELY BELOW CEILING. EQUAL TO WATTSTOPPER #IDT-200 OR APPROVED EQUAL. (1)
- MD2 — ULTRASONIC OCCUPANCY SENSOR WITH A 1000 SQ. FT. COVERAGE. CEILING MOUNTED. EQUAL TO WATTSTOPPER #W-1000A OR APPROVED EQUAL.
- MD3 — ULTRASONIC OCCUPANCY SENSOR WITH A 2000 SQ. FT. COVERAGE. CEILING MOUNTED. EQUAL TO WATTSTOPPER #W-2000A OR APPROVED EQUAL.
- MDH — ULTRASONIC OCCUPANCY SENSOR WITH A 90 LINEAR FT. COVERAGE. CEILING MOUNTED. EQUAL TO WATTSTOPPER #W-2000H OR APPROVED EQUAL.
- PP — POWER PACK MOUNTED ABOVE CEILING. EQUAL TO WATTSTOPPER #B-120P OR APPROVED EQUAL.
- ARP — AUXILIARY RELAY PACK MOUNTED ABOVE CEILING. EQUAL TO WATTSTOPPER #S120E-P OR APPROVED EQUAL.

VIDEO EQUIPMENT

- CAMERA. COAX RG59 WITH SINGLE POLE.

GEAR

- F-? ???? — FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE; F-(RATING OF FUSES).
- ???? — NON-FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE.
- PANELBOARD

FIRE ALARM SYSTEM

- M — MANUAL PULL STATION. MOUNT 48"A.F.F. TO CENTERLINE OF BOX.
- S — STROBE. MOUNT 80"A.F.F. TO BOTTOM OF BOX.
- H S — COMBINATION HORN AND STROBE. MOUNT 80"A.F.F. TO BOTTOM OF BOX.
- S — SMOKE DETECTOR.
- T — THERMAL DETECTOR.
- D R — DUCT SMOKE DETECTOR IN RETURN DUCT.
- D S — DUCT SMOKE DETECTOR IN SUPPLY DUCT.
- E — ELEVATOR RECALL SMOKE DETECTOR.
- FACP — FIRE ALARM CONTROL PANEL.
- FAAP — FIRE ALARM ANNUNCIATOR PANEL.
- FS — FLOW SWITCH.
- TS — TAMPER SWITCH.
- FD — FIRE DOOR RELEASE

RECEPTACLES

- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH AND 6" ABOVE COUNTER WITHOUT BACKSPLASH. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45"A.F.F. TO CENTERLINE OF BOX.
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER WITH BACKSPLASH, AND 6" ABOVE COUNTER WITHOUT BACKSPLASH. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45"A.F.F. TO CENTERLINE OF BOX.
- DF — DUPLEX RECEPTACLE, NEMA 5-20R, GFI, FOR DRINKING FOUNTAIN. MOUNTED IN ACCORDANCE WITH MANUFACTURER'S ROUGH-IN REQUIREMENTS. VERIFY CONNECTION TYPE PRIOR TO BID. PROVIDE PROPER EQUIPMENT FOR CONNECTION TYPE REQUIRED.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED IN A FLOOR BOX.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED IN A FLOOR BOX.
- TEL — DUPLEX RECEPTACLE, NEMA 5-20R AND A COMBINATION TELEPHONE/DATA OUTLET MOUNTED IN A FLOOR BOX.
- TEL — DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R AND A COMBINATION TELEPHONE/DATA OUTLET MOUNTED IN A FLOOR BOX.
- TEL MIC — DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, A COMBINATION TELEPHONE/DATA OUTLET, AND A MICROPHONE OUTLET MOUNTED IN A FLOOR BOX.
- SINGLE RECEPTACLE, NEMA 14-50R. PROVIDE 6' CORD AND MATCHING PLUG WHERE REQUIRED. MOUNTING DETERMINED BY NEC FOR TYPE OF EQUIPMENT BEING CONNECTED.
- SINGLE RECEPTACLE, NEMA 5-10R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- SINGLE RECEPTACLE, NEMA 6-30R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- SINGLE RECEPTACLE, NEMA 14-30R, MOUNTED 36" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE. PROVIDE 6' CORD AND MATCHING PLUG WHERE REQUIRED.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED ABOVE THE CEILING UNLESS NOTED OTHERWISE.

CONDUIT AND WIRING

- CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.
- #10 — THE TEXT INSIDE THE ARC INDICATES THE AWG SIZE OF THE CONDUCTORS THAT SHALL BE RUN IN THE CONDUIT. THE ABSENCE OF TEXT SIGNIFIES THAT THE CONDUCTORS SHOULD BE #12 AWG.
- CIRCUITRY RUN IN STRAIGHT LINE SEGMENTS SIGNIFIES EXPOSED SURFACE-MOUNTED RACEWAY (SEE SPECIFICATIONS).
- CONDUCTORS IN CONDUIT CONCEALED BELOW GRADE OR FLOOR. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.
- PP-ADA 1 — HOMERUN TO PANELBOARD. ARC DENOTES CONCEALED CIRCUITRY. TEXT DENOTES PANELBOARD NAME WITH CIRCUIT NUMBER BELOW. DEVICES HAVING CIRCUIT NUMBERS LOCATED BESIDE THEM MAY NOT SHOW THE CIRCUIT NUMBERS AT THE HOMERUN ARROWS.
- PARTIAL HOMERUN TO PANELBOARD. COMBINE ALL PARTIAL HOMERUNS THAT ARE ON THE SAME CIRCUIT IN A JUNCTION BOX PRIOR TO ENTERING THE PANELBOARD.
- LOW VOLTAGE CONDUCTORS USED FOR MOTION DETECTOR CIRCUITRY. SEE MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR REQUIREMENTS.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	PART NUMBER	LAMPS	MOUNTING	REMARKS
A	LITHONIA	LB-3-28-MVOLT-1/3GEB10IS	(3) 28W T5	SURFACE	
AE	LITHONIA	LB-3-28-MVOLT-1/3GEB10IS-EL	(3) 28W T5	SURFACE	WITH EMERGENCY BATTERY PACK
B	LITHONIA	LB-2-28-MVOLT-GEB10IS	(2) 28W T5	SURFACE	
BE	LITHONIA	LB-2-28-MVOLT-GEB10IS-EL	(2) 28W T5	SURFACE	WITH EMERGENCY BATTERY PACK
C	LITHONIA	LF6N-2/26DTT-F602A-MVOLT	(2) 26W DTT	RECESSED CAN	
CE	LITHONIA	LF6N-2/26DTT-F602A-MVOLT-EL	(2) 26W DTT	RECESSED CAN	WITH EMERGENCY BATTERY PACK
D	LITHONIA	2GT8-3-28-A12125-MVOLT-1/3GEB10IS	(3) 28W T5	RECESSED GRID	
DE	LITHONIA	2GT8-3-28-A12125-MVOLT-1/3GEB10IS-EL	(3) 28W T5	RECESSED GRID	WITH EMERGENCY BATTERY PACK
E	LITHONIA	2GT8-2-28-A12125-MVOLT-GEB10IS	(2) 28W T5	RECESSED GRID	
EE	LITHONIA	2GT8-2-28-A12125-MVOLT-GEB10IS-EL	(2) 28W T5	RECESSED GRID	WITH EMERGENCY BATTERY PACK
F	OCL	SC1-P1AA-16-WG-PAL-2TT32-120-34	(2) 32W TT	SUSPENDED	
FE	OCL	SC1-P1AA-16-WG-PAL-2TT32-120-34-EMI	(2) 32W TT	SUSPENDED	WITH EMERGENCY BATTERY PACK
G	LITHONIA	Z-2-28T5-Z5SMR26-MVOLT-GEB10PS	(2) 28W T5	SURFACE/ SUSPENDED	
GE	LITHONIA	Z-2-28T5-Z5SMR26-MVOLT-GEB10PS-EL65	(2) 28W T5	SURFACE/ SUSPENDED	WITH EMERGENCY BATTERY PACK
H	LITHONIA	WST-2/26DTT-MVOLT-ELDW-LPI	(2) 26W DTT	WALL MOUNT	
X	LITHONIA	LQM-S-W-3-R-EL N	LED	UNIVERSAL	
XC	LITHONIA	LHQM-S-W-3-R-N	(2) 5.4W HALOGEN	UNIVERSAL	

(1)

WARNING

ARC FLASH AND SHOCK HAZARDS
APPROPRIATE PPE REQUIRED
FAILURE TO COMPLY CAN RESULT IN DEATH OR INJURY

34 Inch	Flash Hazard Boundary	
3 Cal/cm^2	Flash Hazard at 18 Inches	
1	Hazard Risk Category 4cal/cm shirt & pants hard hat, safety glasses, FR rated faceshield	
208 VAC	Shock Hazard	
42 inch	Limited Approach	
12 inch	Restricted Approach	500V Class 00 gloves,
1 inch	Prohibited Approach	leather protectors

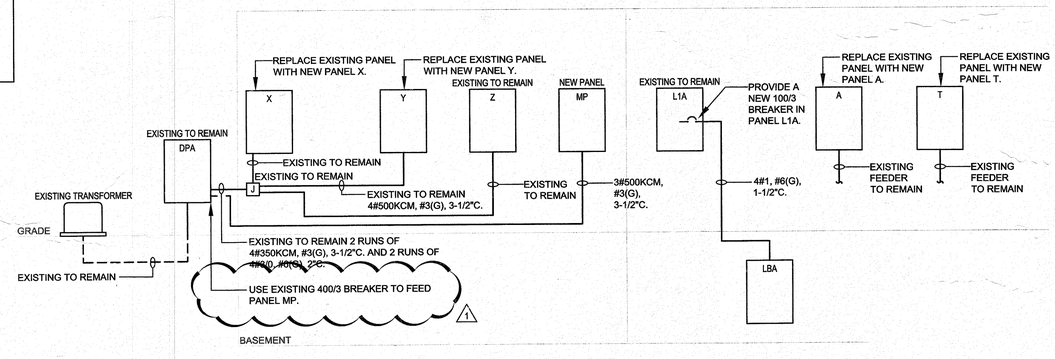
Equipment Name: XYZ Motor Starter

PROVIDE WARNING SIGNS AS SHOWN ON ALL SWITCHBOARDS, PANELBOARDS, MOTOR CONTROL CENTERS, DISCONNECTS, LOADCENTERS, ENCLOSED CIRCUIT BREAKERS, MOTOR STARTERS, CONTACTORS, ETC.

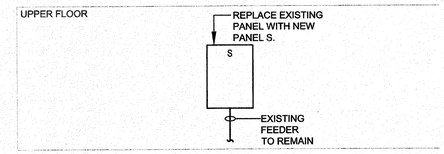
GEAR MANUFACTURER SHALL PERFORM ALL CALCULATIONS NECESSARY TO COMPLETE WARNING SIGNS ACCURATELY.

1 / E0.0 WARNING SIGN DETAIL
Scale: NONE

ALTERNATE:
PROVIDE AN ARC FLASH STUDY AND LABELS FOR ALL NEW PANELBOARDS.



2 / E0.0 EXISTING ONE LINE DIAGRAM
Scale: NONE



BELINDA STEWART ARCHITECTS, P.A.
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com
BELIN STEWART ARCHITECTS
THE POWER SOURCE PLLC
945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 10053

HIGHLAND BAPTIST CHURCH
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

CHRISTOPHER R. GREEN — 16772 — REGISTERED PROFESSIONAL ENGINEER — STATE OF MISSISSIPPI — 4/11/2011

PROJECT #: 0902
DATE: 4/1/2011
REVISION:
SHEET:
ELECTRICAL LEGEND

E0.0

PANEL: LBA | LOCATION: STORAGE B-05 | VOLT: 208Y/120V, 3Ø, 4W | BUS: 100A | LUG LOCATION: TOP FEED | MAIN BUS: MAIN LUGS ONLY | MOUNTING: SURFACE | PANELBOARD AIC RATING (A): 10,000

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A	PHASE LOAD (KVA) B	PHASE LOAD (KVA) C	DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	20	1	EXTERIOR LIGHTING	0.1	0.7		REC (MULTIPURPOSE B-01)	20	1	2
3	20	1	LIGHTING (MULTIPURPOSE B-01)		1.3	0.7	REC (RESTROOM B-06, STORAGE B-03,04,05)	20	1	4
5	20	1	LIGHTING (MULTIPURPOSE B-01)			1.3	0.5	REC (STORAGE B-02)	20	1	6
7	20	1	UNIT HEATERS	1.0	0.0			SPARE	20	1	8
9	20	1	SEWER PUMP STATION (STORAGE B-05)		1.1	0.0		SPARE	20	1	10
11	20	2	EF-6 (MULTIPURPOSE B-01)			0.7	0.0	SPARE	20	1	12
13	-	-	-	0.7	0.0			SPARE	20	1	14
15	20	2	WH-1 (RESTROOM B-06)		1.5	0.0		SPARE	20	1	16
17	-	-	-			1.5	0.0	SPARE	20	1	18
19	20	1	SPARE	0.0	0.0			SPARE	20	1	20
21	20	1	SPARE		0.0	0.0		SPARE	20	1	22
23	20	1	SPARE			0.0	0.0	SPARE	20	1	24
25	20	1	SPARE	0.0	0.0			SPARE	20	1	26
27	20	1	SPARE		0.0	0.0		SPARE	20	1	28
29	20	1	SPARE			0.0	0.0	SPARE	20	1	30
31	20	1	SPARE	0.0	0.0			SPARE	20	1	32
33	20	1	SPARE		0.0	0.0		SPARE	20	1	34
35	20	1	SPARE			0.0	0.0	SPARE	20	1	36
37	20	1	SPARE	0.0	0.0			SPARE	20	1	38
39	20	1	SPARE		0.0	0.0		SPARE	20	1	40
41	20	1	SPARE			0.0	0.0	SPARE	20	1	42
TOTAL				2.6	4.6	4.0	NOTE: Handle ties shall be installed on all breakers feeding multiwire circuits.			

PANEL: MP | LOCATION: ELECTRICAL ROOM | VOLT: 208Y/120V, 3Ø, 3W | BUS: 400A | LUG LOCATION: BOTTOM FEED | MAIN BUS: MAIN LUGS ONLY | MOUNTING: SURFACE | PANELBOARD AIC RATING (A): 25,000

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A	PHASE LOAD (KVA) B	PHASE LOAD (KVA) C	DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	100	3	RTU-1	9.4	14.9		RTU-2	150	3	2
3	-	-	-		9.4	14.9	-	-	-	4
5	-	-	-			9.4	14.9	-	-	6
7	80	3	RTU-3	8.2	3.0		WH-2	35	3	8
9	-	-	-		8.2	3.0	-	-	-	10
11	-	-	-			8.2	3.0	-	-	12
13	30	3	SPARE	0.0	0.0		SPARE	60	3	14
15	-	-	-		0.0	0.0	-	-	-	16
17	-	-	-			0.0	0.0	-	-	18
19	100	3	SPACE	0.0	0.0		SPACE	100	3	20
21	-	-	-		0.0	0.0	-	-	-	22
23	-	-	-			0.0	0.0	-	-	24
TOTAL				35.4	35.4	35.4				

PANEL: X | LOCATION: ELECTRICAL ROOM | VOLT: 208Y/120V, 3Ø, 4W | BUS: 600A | LUG LOCATION: BOTTOM FEED | MAIN BUS: MAIN LUGS ONLY | MOUNTING: SURFACE | PANELBOARD AIC RATING (A): 25,000

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A	PHASE LOAD (KVA) B	PHASE LOAD (KVA) C	DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	200	3	EXISTING LOAD	0.0	0.0		EXISITNG LOAD	200	3	2
3	-	-	-		0.0	0.0	-	-	-	4
5	-	-	-			0.0	0.0	-	-	6
7	100	3	EXISTING LOAD	0.0	0.0		EXISITNG LOAD	100	3	8
9	-	-	-		0.0	0.0	-	-	-	10
11	-	-	-			0.0	0.0	-	-	12
13	60	3	PANEL B (FOYER OUTSIDE OFFICE)	0.0	0.0		INT II	60	3	14
15	-	-	-		0.0	0.0	-	-	-	16
17	-	-	-			0.0	0.0	-	-	18
19	60	3	EAST SIDE 3RD FLOOR	0.0	0.0		EXISITNG LOAD	60	3	20
21	-	-	-		0.0	0.0	-	-	-	22
23	-	-	-			0.0	0.0	-	-	24
25	30	3	REC. ROOM LIGHTS	0.0	0.0		REC. ROOM FAN	30	3	26
27	-	-	-		0.0	0.0	-	-	-	28
29	-	-	-			0.0	0.0	-	-	30
31	60	3	SKATE ROOM SOUTH CONDENSER #5	0.0	0.0		AC-12	60	3	32
33	-	-	-		0.0	0.0	-	-	-	34
35	-	-	-			0.0	0.0	-	-	36
37	80	3	SPARE	0.0	3.0		WH-3	35	3	38
39	-	-	-		0.0	3.0	-	-	-	40
41	-	-	-			0.0	3.0	-	-	42
TOTAL				3.0	3.0	3.0				

PANEL: Y | LOCATION: ELECTRICAL ROOM | VOLT: 208Y/120V, 3Ø, 4W | BUS: 400A | LUG LOCATION: BOTTOM FEED | MAIN BUS: MAIN LUGS ONLY | MOUNTING: SURFACE | PANELBOARD AIC RATING (A): 25,000

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A	PHASE LOAD (KVA) B	PHASE LOAD (KVA) C	DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	30	3	EXISTING LOAD	0.0	0.0		EXISTING LOAD	30	3	2
3	-	-	-		0.0	0.0	-	-	-	4
5	-	-	-			0.0	0.0	-	-	6
7	30	3	EXISTING LOAD	0.0	0.0		EXISTING LOAD	30	3	8
9	-	-	-		0.0	0.0	-	-	-	10
11	-	-	-			0.0	0.0	-	-	12
13	60	3	EXISTING LOAD	0.0	0.0		EXISTING LOAD	60	3	14
15	-	-	-		0.0	0.0	-	-	-	16
17	-	-	-			0.0	0.0	-	-	18
19	60	3	EXISTING LOAD	0.0	0.0		EXISTING LOAD	60	3	20
21	-	-	-		0.0	0.0	-	-	-	22
23	-	-	-			0.0	0.0	-	-	24
25	60	3	EXISTING LOAD	0.0	0.0		EXISTING LOAD	60	3	26
27	-	-	-		0.0	0.0	-	-	-	28
29	-	-	-			0.0	0.0	-	-	30
31	60	3	SPARE	0.0	0.0		SPARE	60	3	32
33	-	-	-		0.0	0.0	-	-	-	34
35	-	-	-			0.0	0.0	-	-	36
37	30	3	SPARE	0.0	0.0		SPARE	30	3	38
39	-	-	-		0.0	0.0	-	-	-	40
41	-	-	-			0.0	0.0	-	-	42
TOTAL				0.0	0.0	0.0				

PANEL: A | LOCATION: YOUTH OPEN CLASSROOM 012 | VOLT: 208Y/120V, 3Ø, 4W | BUS: 225A | LUG LOCATION: BOTTOM FEED | MAIN BUS: MAIN LUGS ONLY | MOUNTING: RECESSED | PANELBOARD AIC RATING (A): 10,000

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A	PHASE LOAD (KVA) B	PHASE LOAD (KVA) C	DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	20	1	EXISTING LOAD	0.0	0.0		EXISITING LOAD	20	1	2
3	20	1	EXISTING LOAD		0.0	0.0	EXISITING LOAD	20	1	4
5	20	1	EXISTING LOAD			0.0	0.0	EXISITING LOAD	20	1	6
7	20	1	EXISTING LOAD	0.0	0.0		EXISITING LOAD	20	1	8
9	20	1	EXISTING LOAD		0.0	0.0	EXISITING LOAD	20	1	10
11	20	1	EXISTING LOAD			0.0	0.0	EXISITING LOAD	20	1	12
13	20	1	EXISTING LOAD	0.0	0.0		EXISITING LOAD	20	1	14
15	20	1	EXISTING LOAD		0.0	0.0	EXISITING LOAD	20	1	16
17	20	1	EXISTING LOAD			0.0	0.0	EXISITING LOAD	20	1	18
19	20	1	EXISTING LOAD	0.0	0.0		EXISITING LOAD	20	1	20
21	20	1	REC. (RESTROOMS, YOUTH CLASSROOMS)		1.3	1.3	REC. (YOUTH CLASSROOMS)	20	1	22
23	20	1	RINKING FOUNTAIN (YOUTH OPEN CLASSROOM			0.8	0.9	LIGHTS (RESTROOM, YOUTH CLASSROOMS)	20	1	24
25	20	1	REC. (PROJECTOR YOUTH RECREATION)	0.2	1.1		LIGHTS (YOUTH OPEN CLASSROOM)	20	1	26
27	20	1	REC. (PROJECTOR YOUTH RECREATION)		0.2	0.0	SPARE	20	1	28
29	20	1	REC. (PROJECTOR OPEN CLASSROOM)			0.2	1.3	LIGHTS (YOUTH CLASSROOMS) SPARE	20	1	30
31	20	1	REC. (YOUTH RECREATION)	1.0	0.0		SPARE	20	1	32
33	20	1	REC. (YOUTH RECREATION)		1.0	0.0	SPARE	20	1	34
35	20	1	REC. (YOUTH RECREATION)			1.0	0.0	SPARE	20	1	36
37	20	1	SPARE	0.0	0.0		SPARE	20	1	38
39	20	1	SPARE		0.0	0.0	SPARE	20	1	40
41	20	1	SPARE			0.0	0.0	SPARE	20	1	42
TOTAL				2.3	3.7	4.1	NOTE: Handle ties shall be installed on all breakers feeding multiwire circuits.			

PANEL: T | LOCATION: A/V ROOM 010 | VOLT: 208Y/120V, 3Ø, 4W | BUS: 100A | LUG LOCATION: BOTTOM FEED | MAIN BUS: MAIN LUGS ONLY | MOUNTING: RECESSED | PANELBOARD AIC RATING (A): 10,000

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A	PHASE LOAD (KVA) B	PHASE LOAD (KVA) C	DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	20	1	EXISTING LOAD	0.0	0.0		EXISITING LOAD	20	1	2
3	20	1	EXISTING LOAD		0.0	0.0	EXISITING LOAD	20	1	4
5	20	1	EXISTING LOAD			0.0	0.0	EXISITING LOAD	20	1	6
7	20	1	EXISTING LOAD	0.0	0.0		EXISITING LOAD	20	1	8
9	20	1	REFRIGERATOR (KITHCEN/DINING)		0.8	1.2	LIGHTS (KITCHEN/DINING)	20	1	10
11	20	1	LIGHTS (YOUTH RECREATION)			1.7	0.0	SPARE	20	1	12
TOTAL				0.0	2.0	1.7	NOTE: Handle ties shall be installed on all breakers feeding multiwire circuits.			

PANEL: S | LOCATION: A/V ROOM 010 | VOLT: 208Y/120V, 3Ø, 4W | BUS: 100A | LUG LOCATION: BOTTOM FEED | MAIN BUS: MAIN LUGS ONLY | MOUNTING: RECESSED | PANELBOARD AIC RATING (A): 10,000

CIRCUIT NO.	BREAKER AMPS	BREAKER POLES	DESCRIPTION	PHASE LOAD (KVA) A	PHASE LOAD (KVA) B	PHASE LOAD (KVA) C	DESCRIPTION	BREAKER AMPS	BREAKER POLES	CIRCUIT NO.
1	15	1	EXISTING LOAD	0.0	0.0		SPARE	20	1	2
3	15	1	EXISTING LOAD		0.0	0.0	EXISITING LOAD	15	1	4
5	15	1	EXISTING LOAD			0.0	0.0	EXISITING LOAD	15	1	6
7	15	1	EXISTING LOAD	0.0	0.0		EXISITING LOAD	15	1	8
9	15	1	EXISTING LOAD		0.0	0.0	EXISITING LOAD	20	1	10
11	15	1	EXISTING LOAD			0.0	0.0	EXISITING LOAD	20	1	12
13	20	1	EXISTING LOAD	0.0	0.0		EXISITING LOAD	20	1	14
15	20	1	SPARE		0.0	0.0	SPACE	-	3	16
17	35	3	AC RM 250			0.0	0.0	-	-	18
19	-	-	-	0.0	0.0		-	-	-	20
21	-	-	-		0.0	1.1	REC. (CHILDREN CLASSROOMS)	20	1	22
23	20	1	REC. (CHILDREN CLASSROOMS)			1.4	0.7	EC. (RESTROOMS, CHILDREN OPEN CLASSROO	20	1	24
25	20	1	REC. (WORKROOM)	1.0	0.5		REC. (FOYER)	20	1	26
27	20	1	REC. (WORKROOM)		0.7	0.5	REC. (FOYER)	20	1	28
29	20	1	DRINKING FOUNTAIN (FOYER)			1.6	0.5	REC. (FOYER)	20	1	30
31	20	1	LIGHTS (CHILDREN OPEN CLASSROOM)	1.5	0.8		LIGHTS (CHILDREN CLASSROOMS)	20	1	32
33	20	1	LIGHTS (FOYER, RESTROOM, CHILDREN CLSRM		1.3	0.2	MAINT. REC. (RTU-3)	20	1	34
35	20	1	LIGHTS (CHILDREN CLASSROOMS)			1.3	0.2	MAINT. REC. (RTU-2)	20	1	36
37	20	1	REC. (PROJECTER OPEN CLASSROOM)	0.2	0.4		REC. (CLOSET)	20	1	38
39	20	1	REC. (PROJECTER OPEN CLASSROOM)			0.2	0.9	REC. (CHILDREN CLASSROOMS)	20	1	40
41	20	1	REC. (PROJECTER OPEN CLASSROOM)			0.2	0.5	REC. (FOYER)	20	1	42
TOTAL				4.4	4.9	6.4	NOTE: Handle ties shall be installed on all breakers feeding multiwire circuits.			

GENERAL NOTES

No.	Description
A.	THE GENERAL CONTRACTOR SHALL BUILD A FUROUT AROUND PANELS "A", "T", AND "S". USE THE OLD PANELBOARD CAN AS A PULL BOX. RECONNECT ALL CIRCUITS FROM THE DEMOLISHED PANEL INTO THE NEW PANEL.
B.	REPLACE PANELS "X" AND "Y". RECONNECT ALL EXISTING CIRCUITS TO THE NEW PANELS. TRACE ALL CIRCUITS AND PROVIDE NEW PANEL SCHEDULES.

BELINDA STEWART ARCHITECTS, P.A.
611 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

THE POWER SOURCE PLLC
945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 10053

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

CHRISTOPHER L. CORBIN REGISTERED ENGINEER 16772 STATE OF MISSISSIPPI 7/11/2011

PROJECT #: 0902
DATE: 4/1/2011
REVISION:
SHEET:
PANEL SCHEDULES

E0.1

ELECTRICAL DEMOLITION LEGEND

DEMOLITION LABELS & NOTES

ETR	EXISTING DEVICE TO REMAIN
RL	EXISTING DEVICE TO BE RELOCATED. SEE POWER/LIGHTING PLANS FOR NEW DEVICE LOCATIONS
×	EXISTING DEVICE TO BE DEMOLISHED IN ITS ENTIRETY. IF THE DEVICE IS ON A DEDICATED CIRCUIT, THE CIRCUITRY SHALL BE DEMOLISHED BACK TO THE PANEL AND THE BREAKER LABELED AS "SPARE".

LUMINAIRES

- 2'x2' recessed fluorescent fixture.
- 2'x4' recessed fluorescent fixture.
- Surface mounted or suspended fluorescent fixture.
- Surface mounted or suspended emergency fluorescent fixture.
- Recessed ceiling fixture. (Fluorescent, incandescent, H.I.D.)
- Pendant or surface mount fixture. (Fluorescent, incandescent, H.I.D.)
- Ceiling mounted exit sign. Provide chevrons as indicated by arrows.
- Wall mounted exit sign. Provide chevrons as indicated by arrows.
- Wall mounted fixture. (Incandescent, H.I.D.)
- Wall mounted fluorescent fixture.

SWITCHES

- $ Single-pole, single-throw switch.
- $3 Three-way switch.

RECEPTACLES

- ? Duplex receptacle.
- ? Double duplex receptacle.
- ? Double duplex receptacle, mounted above counter.
- ? Duplex receptacle, mounted above counter.
- ? DF Duplex receptacle for drinking fountain.

INTERCOM SYSTEM

- S Wall mount speaker.

VIDEO EQUIPMENT

- Cable Television Outlet.

GEAR

- Panelboard

FIRE ALARM SYSTEM

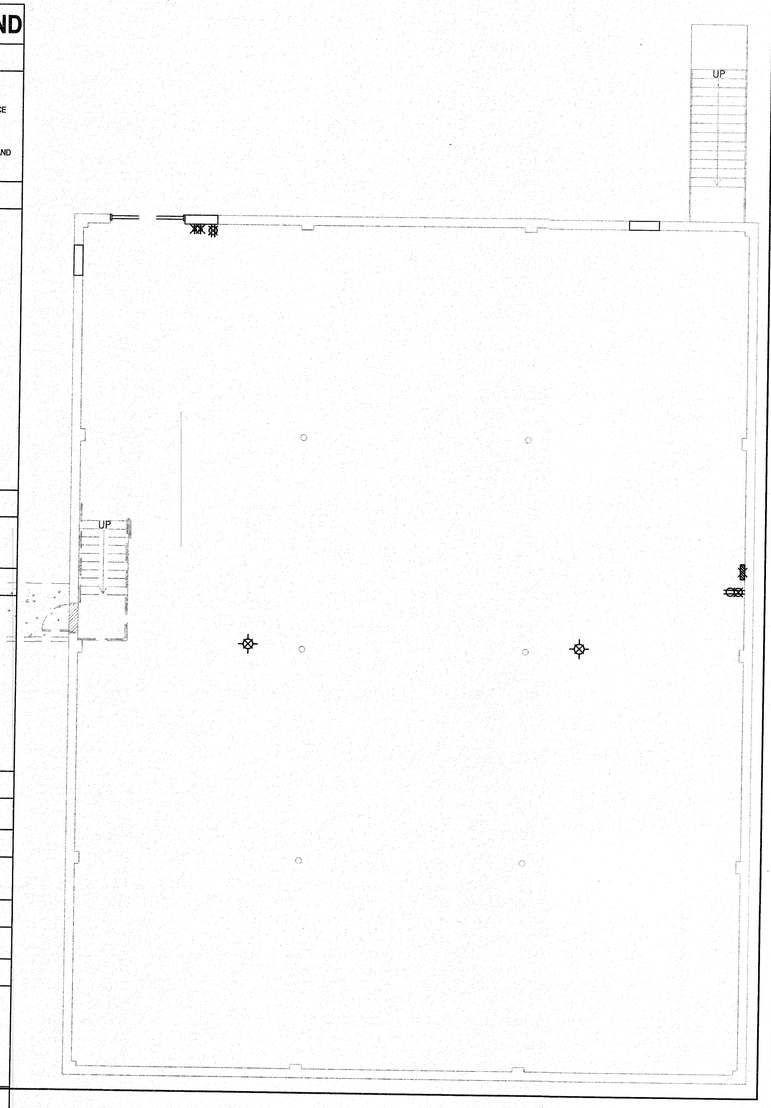
- F Manual pull station.
- F Strobe.
- F Combination horn and strobe.
- Smoke detector.

COMMUNICATIONS

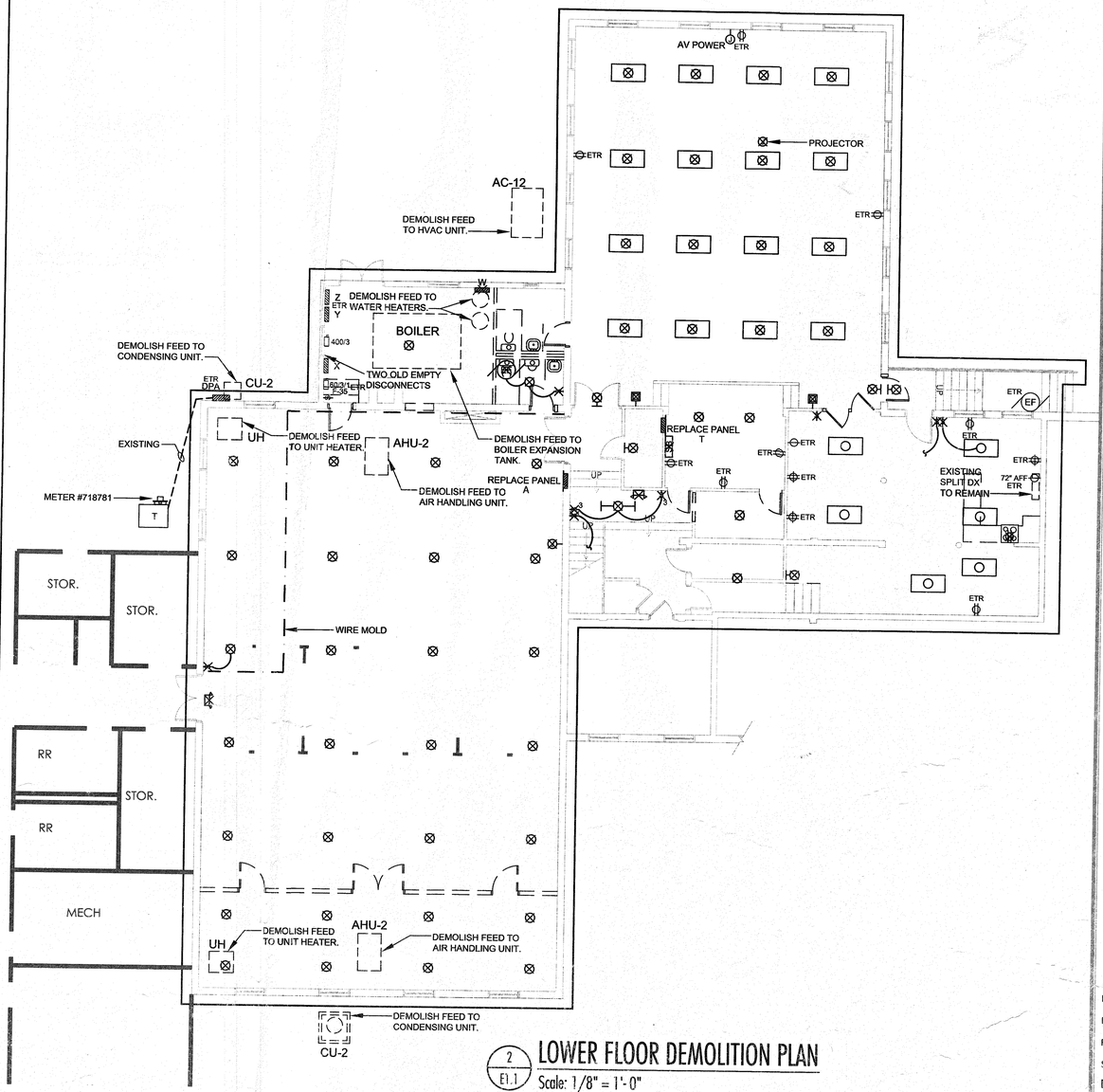
- Telephone or Data outlet.
- Telephone or Data outlet mounted above counter.

MISCELLANEOUS

- J Ceiling mounted junction box.
- J Wall mounted junction box.
- J Wall mounted junction box with blank coverplate.



1 E1.1 **BASEMENT DEMOLITION PLAN**
Scale: 1/8" = 1'-0"



2 E1.1 **LOWER FLOOR DEMOLITION PLAN**
Scale: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

No.	Description
A.	THE ELECTRICAL DEMOLITION DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE PROVIDED TO CONVEY THE GENERAL SCOPE OF WORK. ALL EXISTING DEVICES SHALL BE FIELD VERIFIED PRIOR TO BEGINNING WORK OR SUBMITTING PRICES. IT IS THE INTENT OF THESE DOCUMENTS THAT ALL EXISTING ELECTRICAL RACEWAYS, CIRCUITRY, AND EQUIPMENT IN THE AREA OF WORK BE DEMOLISHED UNLESS OTHERWISE NOTED OR UNLESS FEEDING EXISTING EQUIPMENT TO REMAIN. REROUTE CIRCUITRY OR REFEED EXISTING EQUIPMENT TO REMAIN AS REQUIRED TO FACILITATE THE COMPLETION OF ALL WORK ON THIS PROJECT.
B.	THE OWNER SHALL BE GIVEN THE FIRST RIGHT OF REFUSAL FOR ALL EQUIPMENT BEING DEMOLISHED (FIXTURES, GEAR, DISCONNECTS, MOTOR STARTERS, ETC.). THE CONTRACTOR SHALL STORE ALL EQUIPMENT THAT THE OWNER ELECTS TO KEEP AT THE LOCATION ON SITE TO BE DESIGNATED BY THE OWNER. ALL OTHER EQUIPMENT SHALL BE DEMOLISHED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.
C.	ALL EXISTING CIRCUITS IN THE RENOVATED AREAS SHALL BE TRACED BY THE ELECTRICAL CONTRACTOR AND MARKED ACCORDINGLY BEFORE BEGINNING WORK. ALL UNUSED BREAKERS SHALL BE LABELED AS SPARE AND TURNED OFF.

EXISTING PANEL SCHEDULES

Panel	Description
S	OLD PANEL WITH NO LABEL; SPLIT BUS; N-16 IS SINGLE PHASE
T	8 CIRCUIT PANEL, FULL; NO LABELS
V	OLD PANEL WITH NO LABELS; 24 CIRCUIT, 4 SPACES
W	OLD PANEL WITH NO LABELS; 6 SPACES
X	BULLDOG FUSE CENTER; 240V, 600A
Y	CLAMPOMATIC FUSE PANEL; 240V/120V 3φ, 4W
Z	ITE-CDP; 240V/120V 3φ, 4W; 250 MAIN CIRCUIT BREAKER

BELINDA STEWART ARCHITECTS, P.A.
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

THE POWER SOURCE PLLC
945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 10053

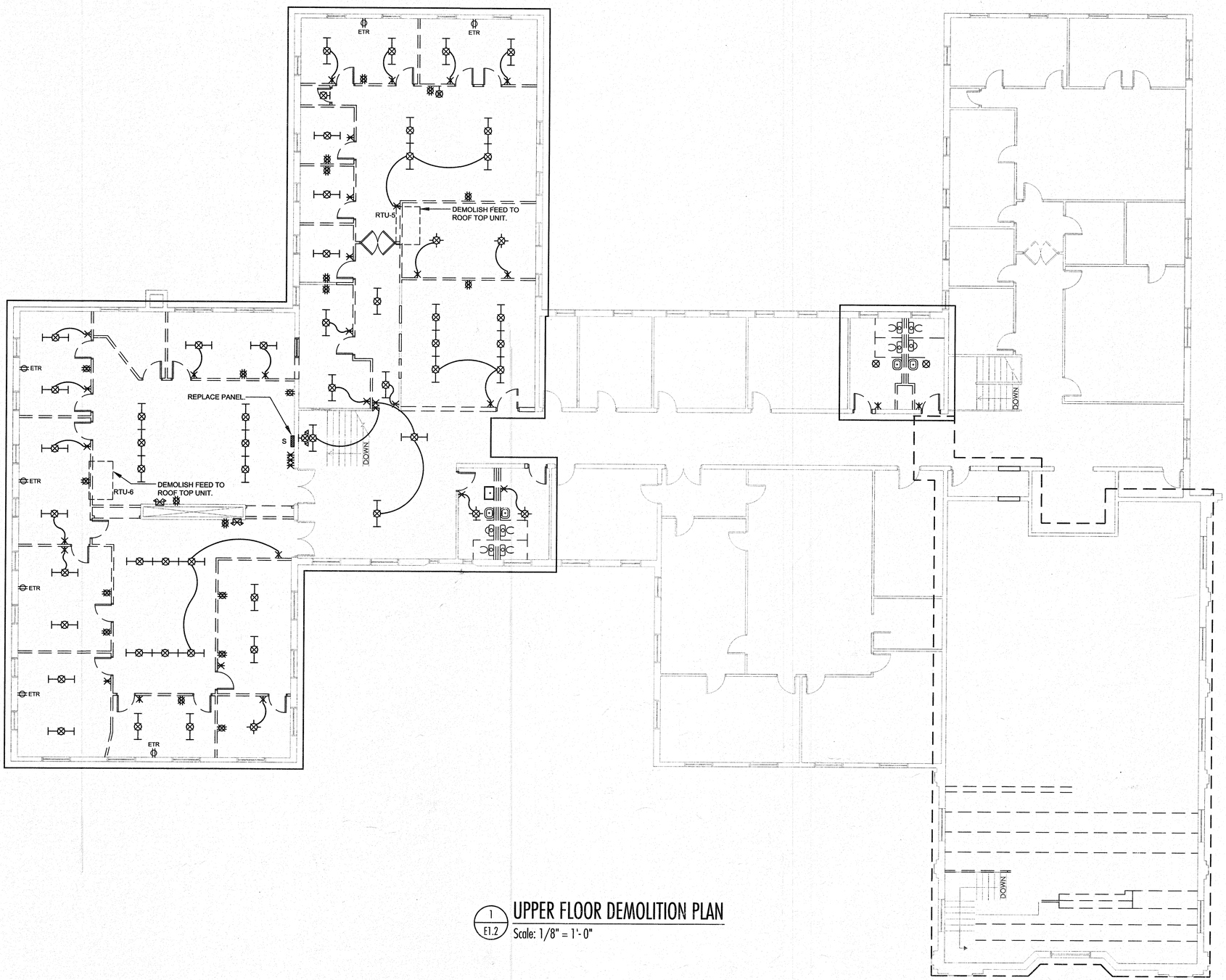
HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

CHRISTOPHER D. GREEN
REGISTERED ENGINEER
16778
STATE OF MISSISSIPPI
4/11/2011

PROJECT #: 0902
DATE: 4/1/2011
REVISION:
SHEET:
DEMOLITION PLAN

E1.1



1 / E1.2 UPPER FLOOR DEMOLITION PLAN

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

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

The POWER SOURCE PLLC
945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 10053

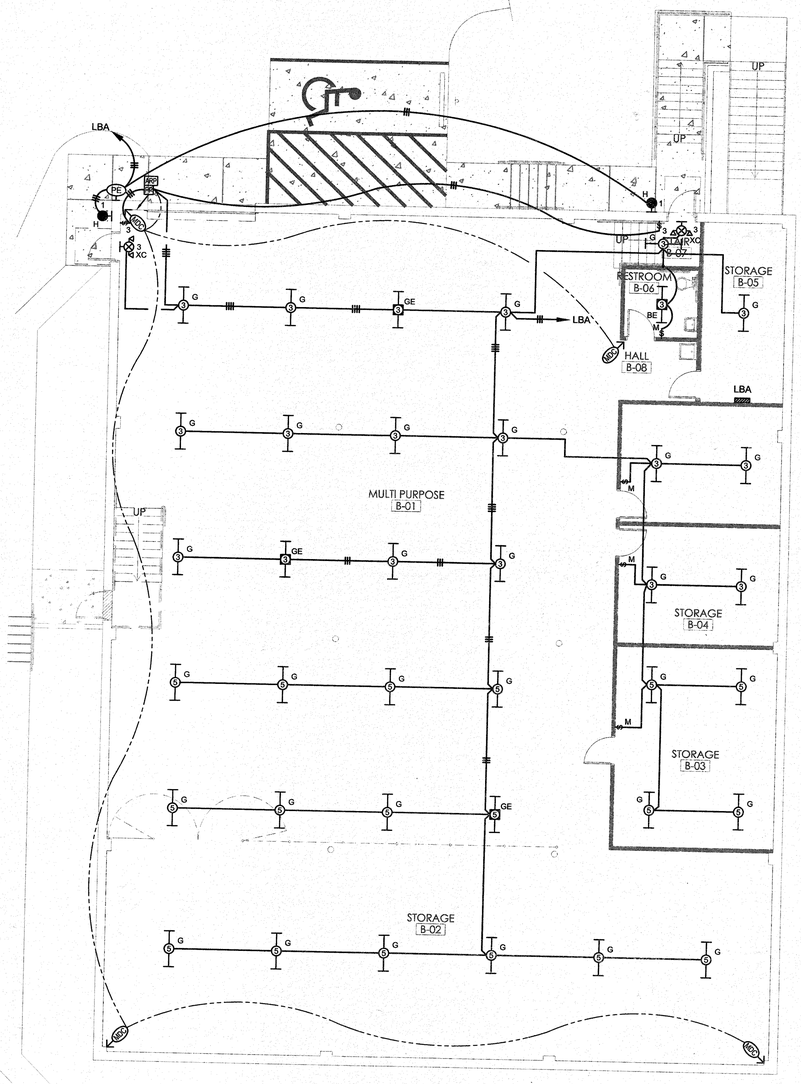
HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

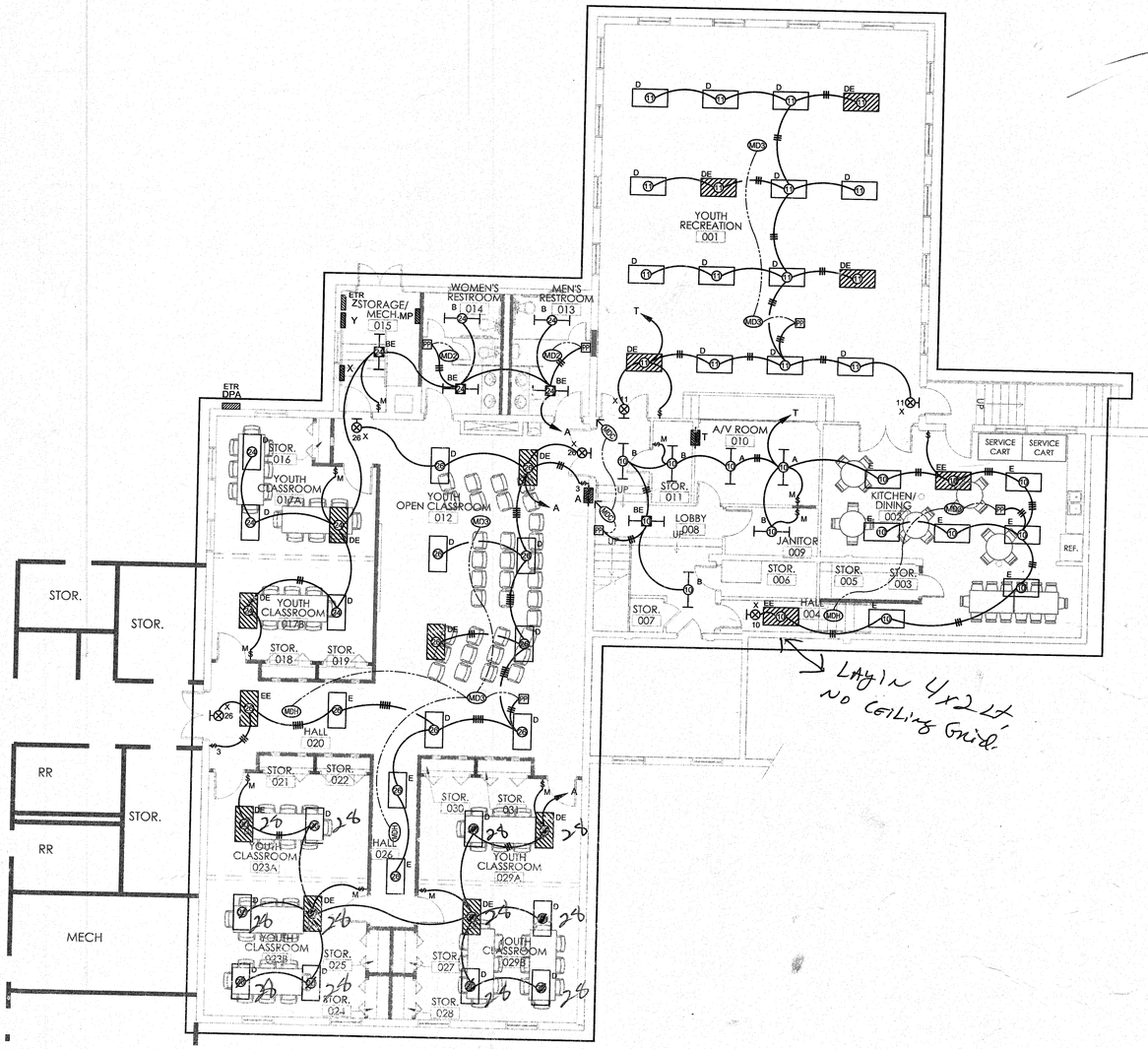
CHRISTOPHER J. GREEN ENGINEER 16772 STATE OF MISSISSIPPI 4/1/2011

PROJECT #: 0902
DATE: 4/1/2011
REVISION:
SHEET:
DEMOLITION PLAN

E1.2



1 / E2.1 **BASEMENT FLOOR LIGHTING PLAN**
Scale: 1/8" = 1'-0"



2 / E2.1 **LOWER FLOOR LIGHTING PLAN**
Scale: 1/8" = 1'-0"

BELINDA STEWART ARCHITECTS, P.A
611 N. DUNN STREET; P.O. BOX 867
EUFORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

THE POWER SOURCE PLLC
945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 10053

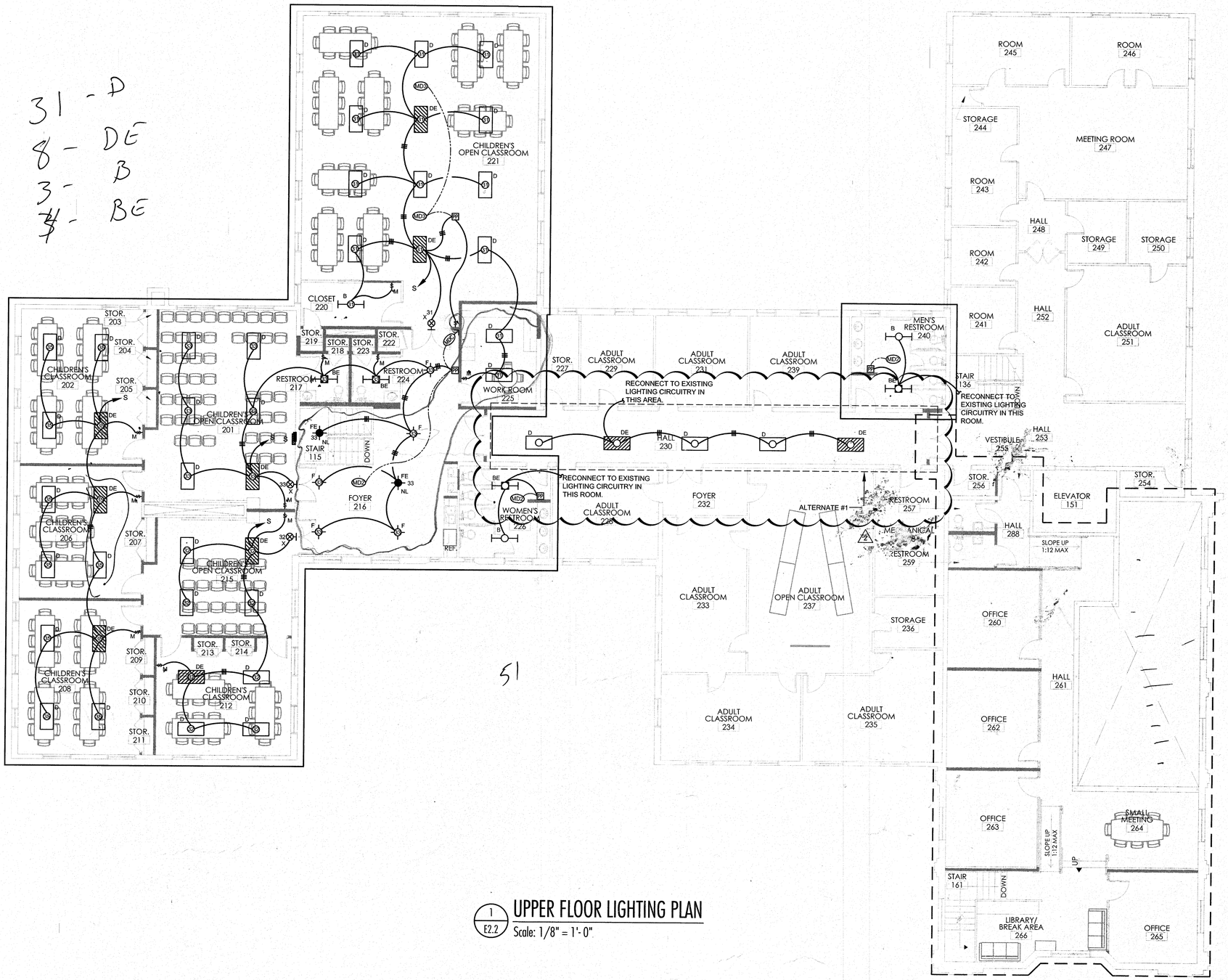
HIGHLAND BAPTIST CHURCH
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

PROJECT #: 0902
DATE: 4/1/2011
REVISION:
SHEET:
LIGHTING PLAN

E2.1

ATTACHMENT # 4-2

31 - D
8 - DE
3 - B
1 - BE



51

1 / E2.2 UPPER FLOOR LIGHTING PLAN
Scale: 1/8" = 1'-0"

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI, 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

HIGHLAND BAPTIST CHURCH

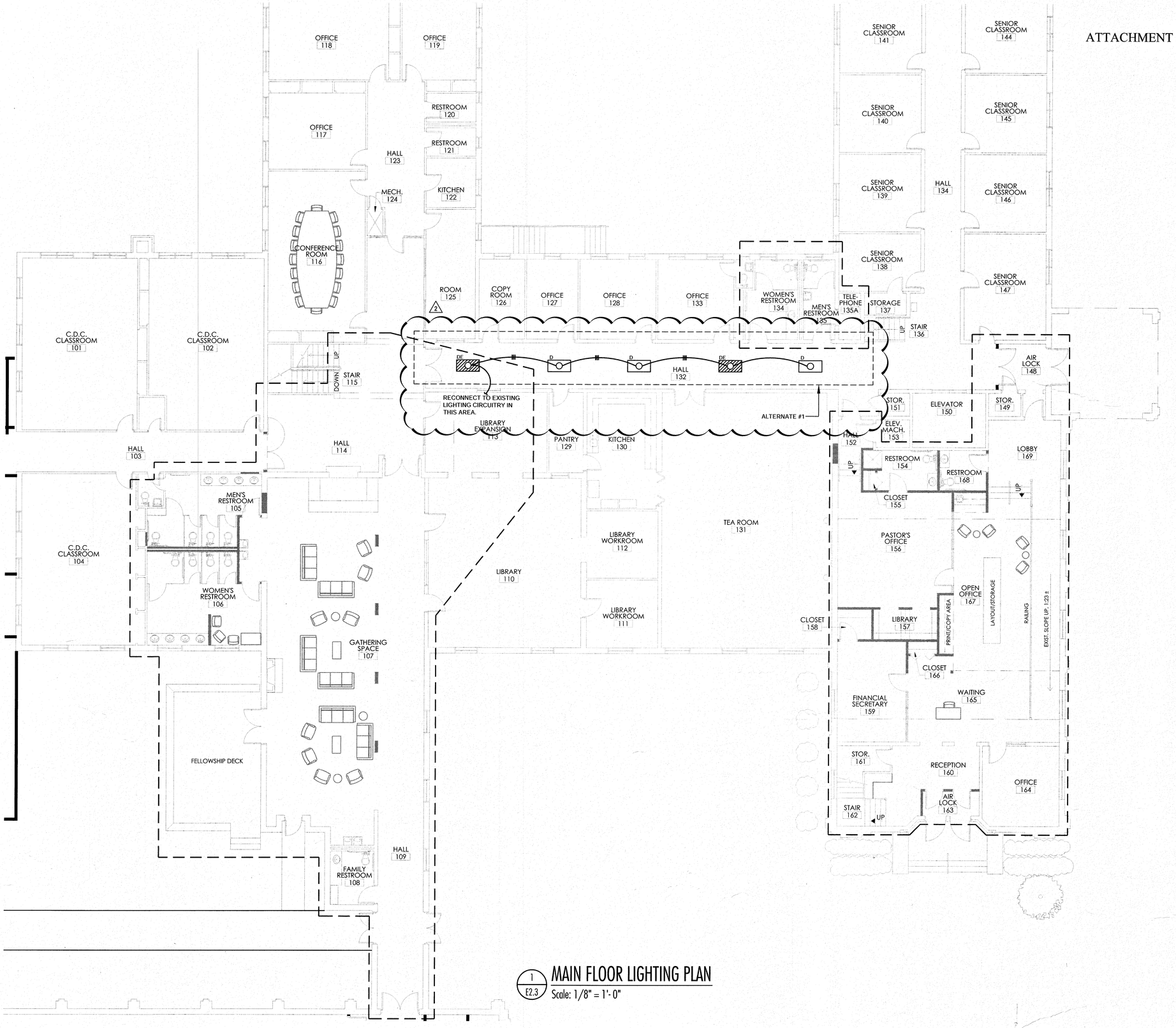
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

CHRISTOPHER L. GREEN ENGINEER 16710 STATE OF MISSISSIPPI 5/11/2011

PROJECT #: 0902
DATE: 4/1/2011
REVISION: 2 5/2/2011
SHEET:
LIGHTING PLAN

E2.2

ATTACHMENT #4-3



1 / E2.3 MAIN FLOOR LIGHTING PLAN

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

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

THE POWER SOURCE
945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 6054820
FAX (601) 6054875
TPS PROJ. # 10053

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH-OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

CHRISTOPHER L. GREEN 16774 REGISTERED ENGINEER STATE OF MISSISSIPPI 4/1/2011

PROJECT #: 0902

DATE: 4/1/2011

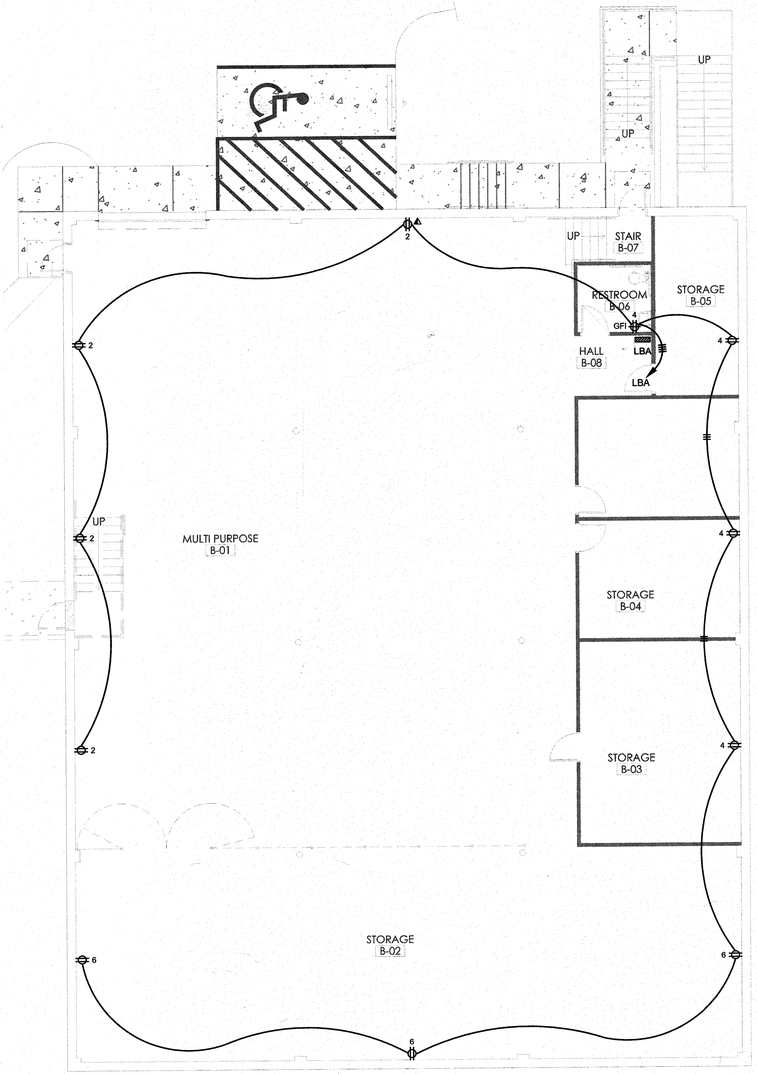
REVISION: 2 5/2/2011

SHEET:

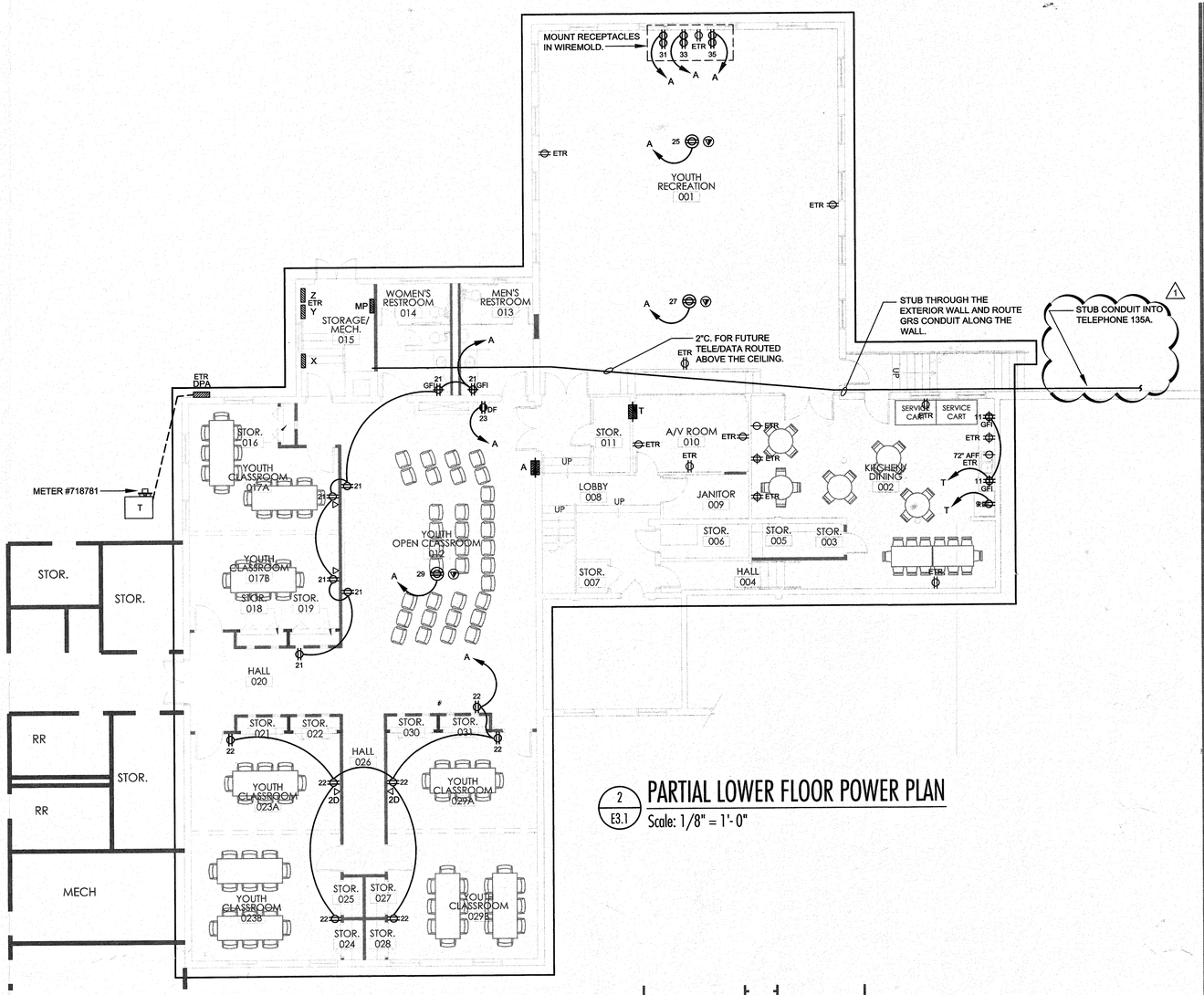
LIGHTING PLAN

E2.3

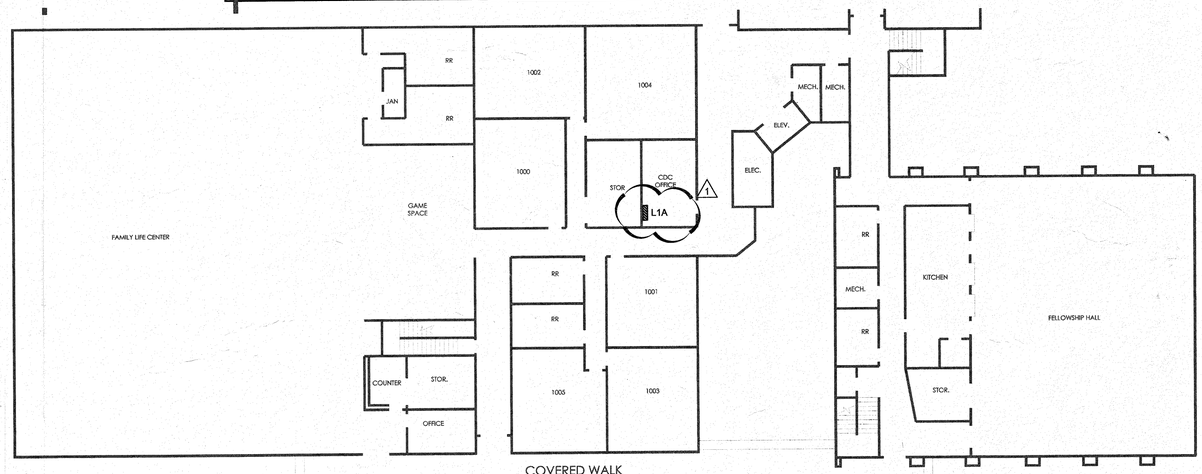
ATTACHMENT #1-8



1 / E3.1 **BASEMENT POWER PLAN**
Scale: 1/8" = 1'- 0"



2 / E3.1 **PARTIAL LOWER FLOOR POWER PLAN**
Scale: 1/8" = 1'- 0"



3 / E3.1 **PARTIAL LOWER FLOOR POWER PLAN**
Scale: 1/16" = 1'- 0"

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

THE POWER SOURCE PLLC
945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 10053

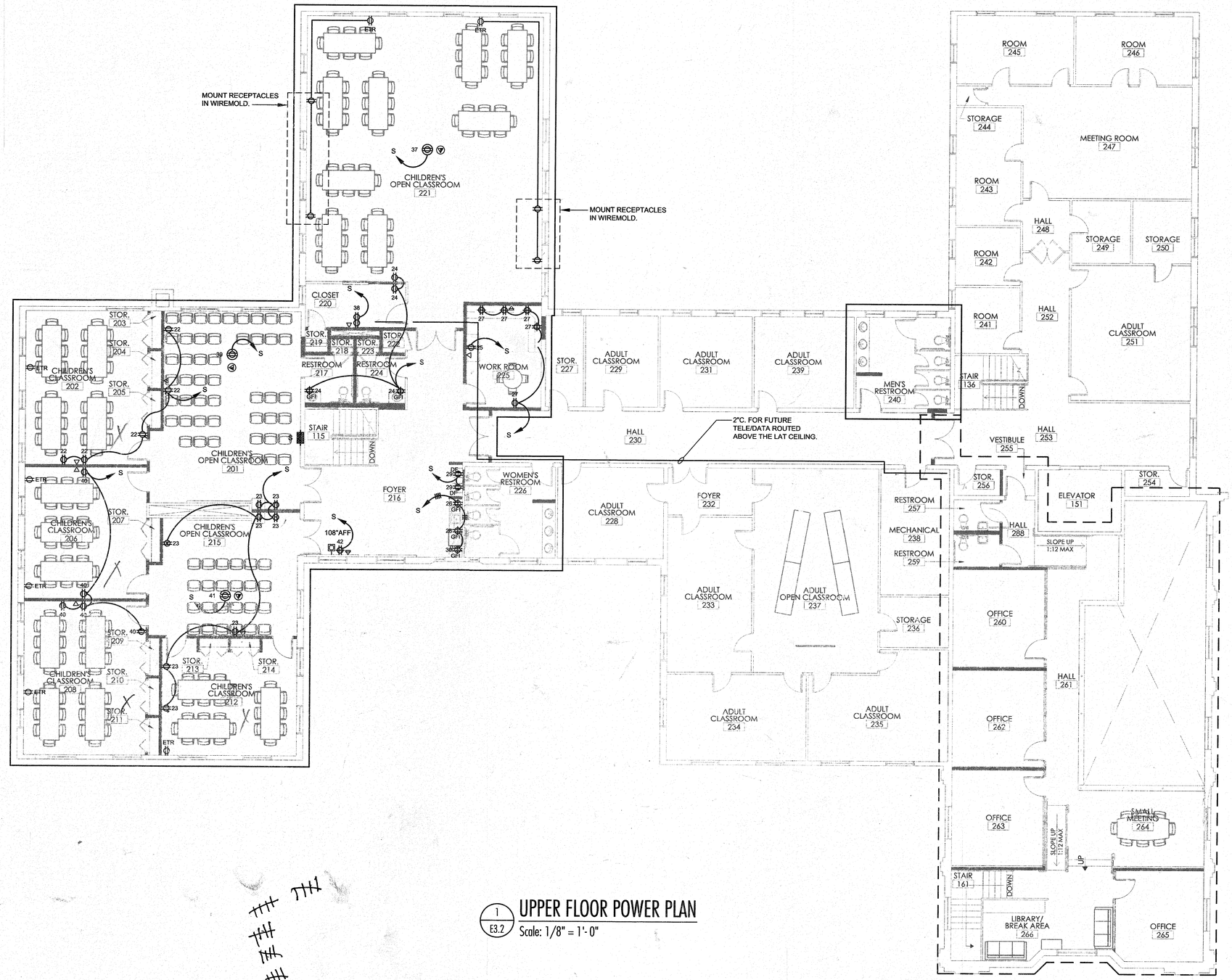
HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

CHRISTOPHER L. GREEN
REGISTERED PROFESSIONAL ENGINEER
16774
STATE OF MISSISSIPPI
4/1/2011

PROJECT #: 0902
DATE: 4/1/2011
REVISION:
SHEET:
POWER PLAN

E3.1



1 / E3.2 **UPPER FLOOR POWER PLAN**

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

Sanders Tire mnt
Johnson Dodge 3 7925

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

THE POWER SOURCE PLLC
945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 10053

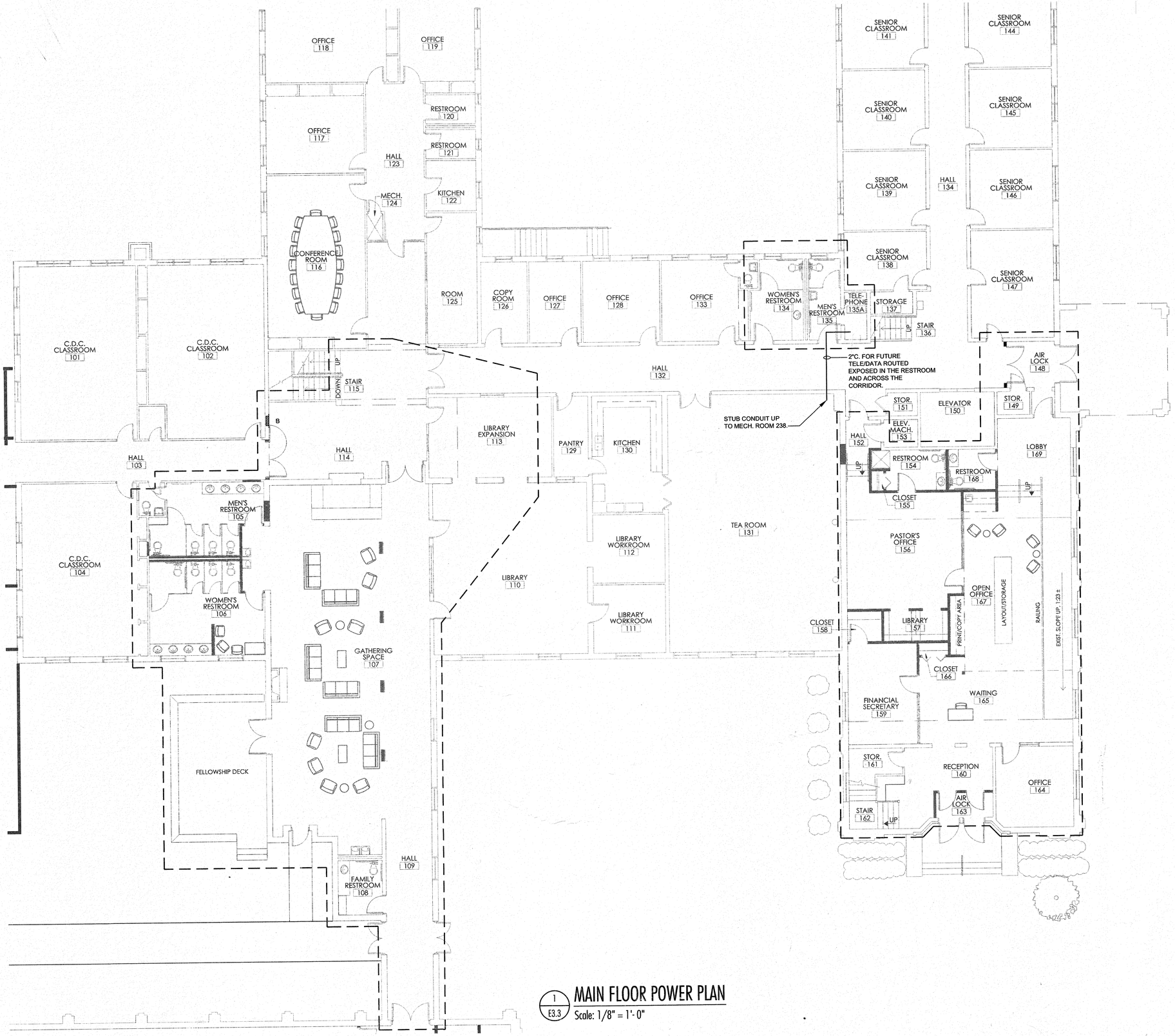
HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

CHRISTOPHER L. GREEN REGISTERED PROFESSIONAL ENGINEER 16772 STATE OF MISSISSIPPI 4/1/2011

PROJECT #: 0902
DATE: 4/1/2011
REVISION:
SHEET:
POWER PLAN

E3.2



1 E3.3 **MAIN FLOOR POWER PLAN**
Scale: 1/8" = 1'-0"

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

THE POWER SOURCE PLLC
945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 6054820
FAX (601) 6054875
TPS PROJ. # 10053

HIGHLAND BAPTIST CHURCH

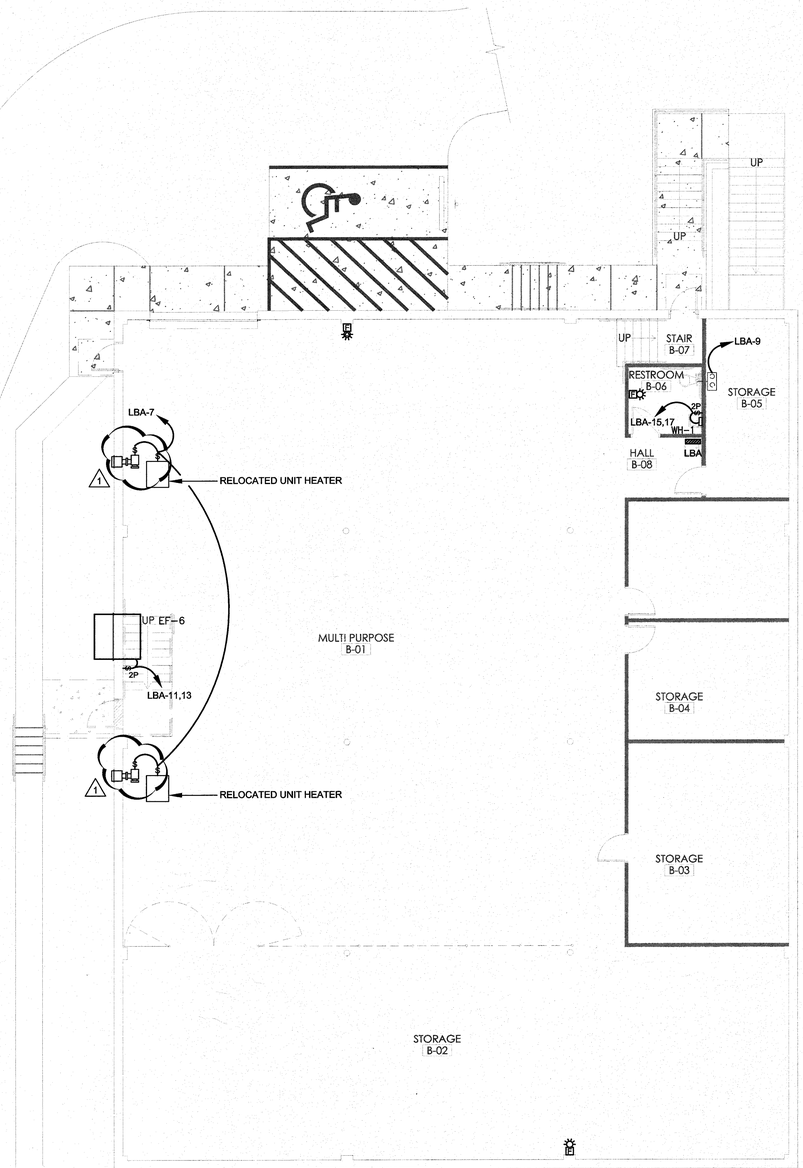
PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

CHRISTOPHER J. GREEN 16772 REGISTERED PROFESSIONAL ENGINEER STATE OF MISSISSIPPI 12/31/11

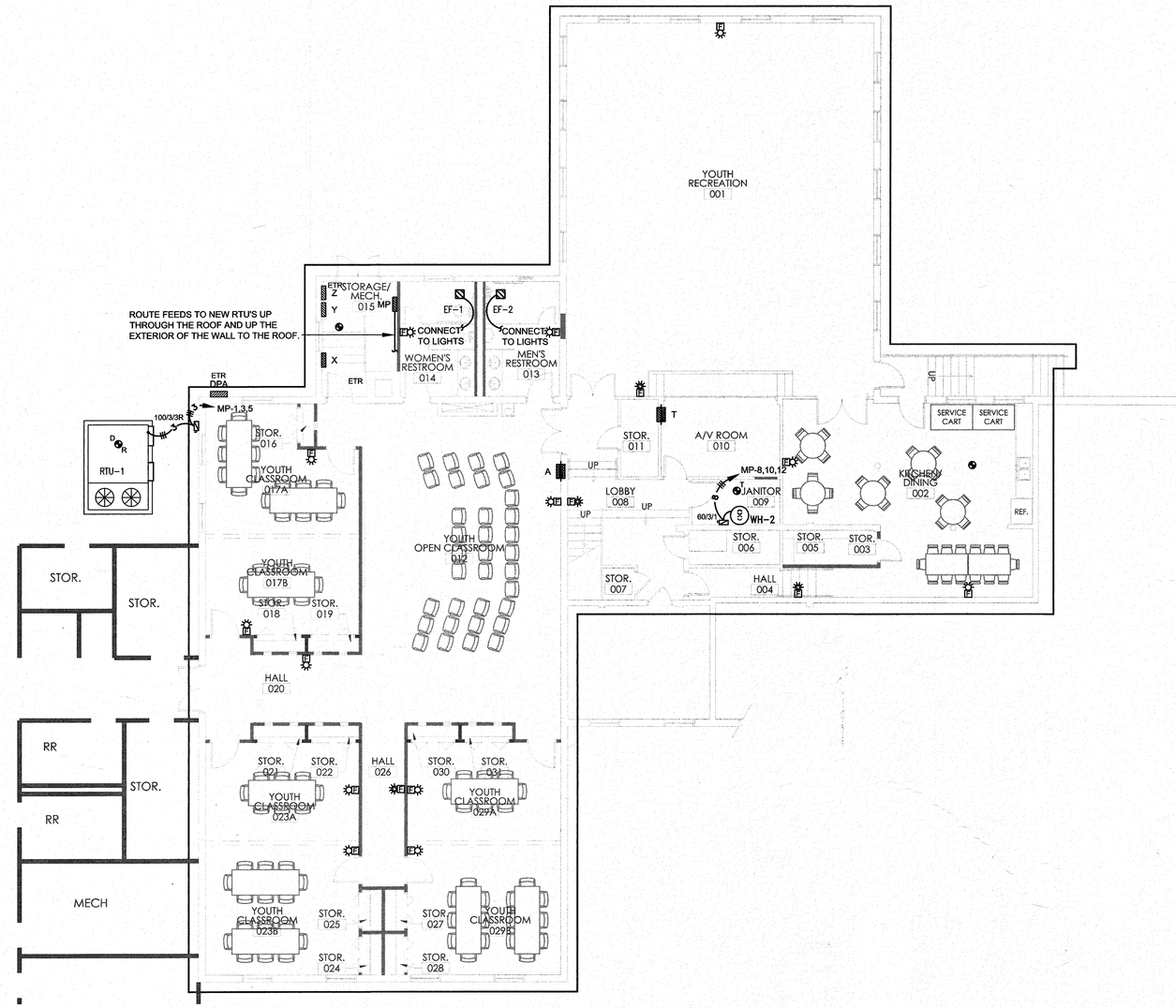
PROJECT #: 0902
DATE: 4/1/2011
REVISION:
SHEET:
POWER PLAN

E3.3

ATTACHMENT #1-9



1 / E4.1 BASEMENT POWER PLAN
Scale: 1/8" = 1'- 0"



2 / E4.1 LOWER FLOOR POWER PLAN
Scale: 1/8" = 1'- 0"

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

THE POWER SOURCE PLAN

945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 10053

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

CHRISTOPHER J. GREEN
REGISTERED ENGINEER
16772
STATE OF MISSISSIPPI
4/1/2011

PROJECT #: 0902

DATE: 4/1/2011

REVISION:

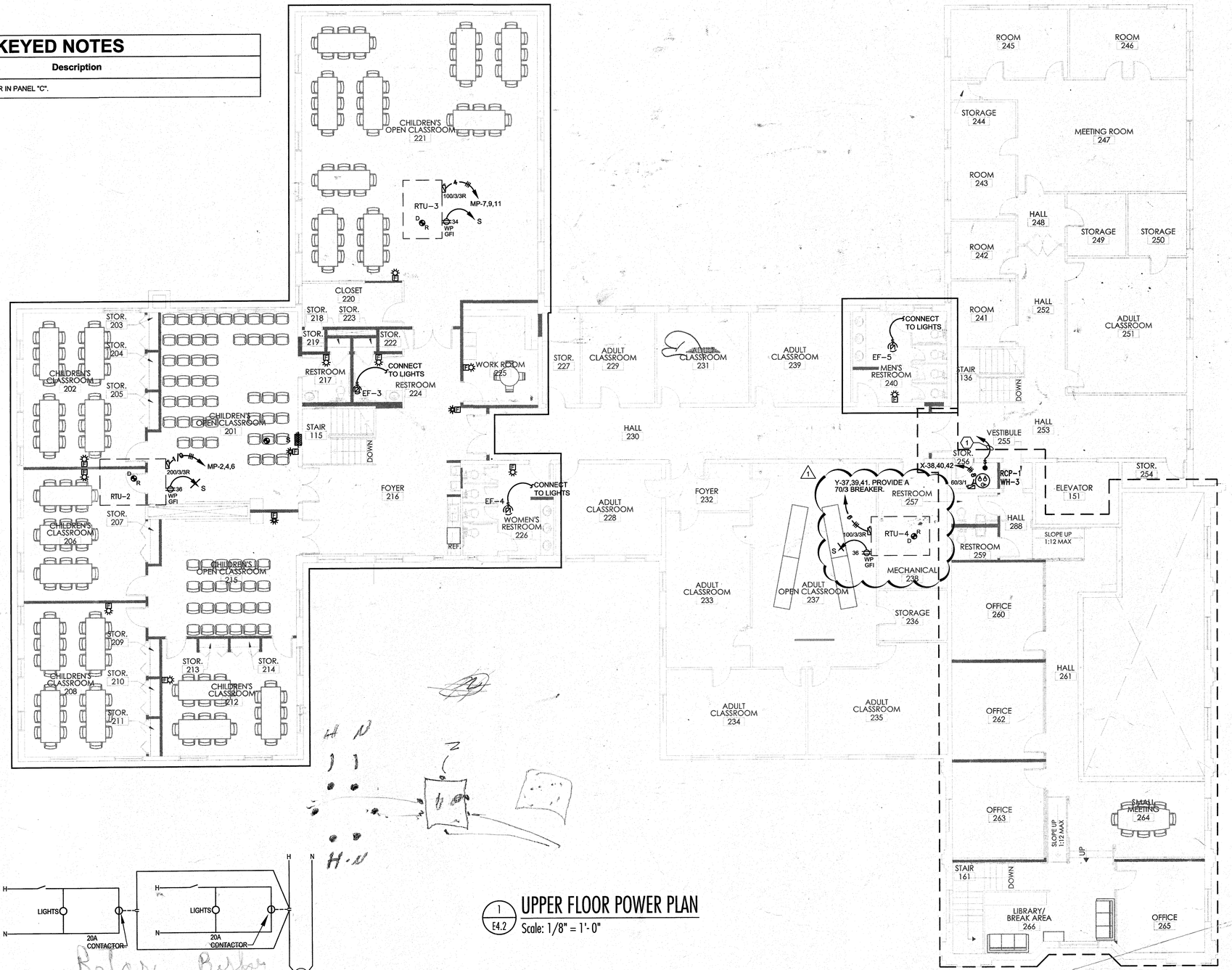
SHEET:

AUXILIARY & MECHANICAL PLAN

E4.1

ATTACHMENT #1-10

KEYED NOTES	
Mark	**Description**
1	PROVIDE A NEW 20/1 BREAKER IN PANEL "C".



1 E4.2 UPPER FLOOR POWER PLAN

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

2 E4.2 EXHAUST FAN DETAIL - RESTROOM 217 & 224

Scale: NONE

BELINDA STEWART ARCHITECTS, P.A
61 N. DUNN STREET, P.O. BOX 867
EUPORA, MISSISSIPPI 39744
662.258.6405 & 662.258.6452
bsa@belindastewartarchitects.com
www.belindastewartarchitects.com

THE POWER SOURCE LLC
945 MADISON AVE.
MADISON, MS 39110
VOICE (601) 605-4820
FAX (601) 605-4875
TPS PROJ. # 10053

HIGHLAND BAPTIST CHURCH

PHASE 3 - YOUTH & CHILDREN'S CLASSROOMS
PHASE 4 - NEW CHURCH OFFICES/RESTROOM UPGRADES
MERIDIAN, MISSISSIPPI

PROJECT #: 0902
DATE: 4/1/2011
REVISION:
SHEET:
AUXILIARY & MECHANICAL PLAN

E4.2