## INTERIOR RENOVATION FOR:

# ATLANTA FIRST UNITED METHODIST CHURCH 360 PEACHTREE ST. NE ATLANTA, GA 30308

## "AS BUILT" DRAWINGS



ARCHITECTURE Engineering INTERIOR DESIGN CONSTRUCTION SERVICES

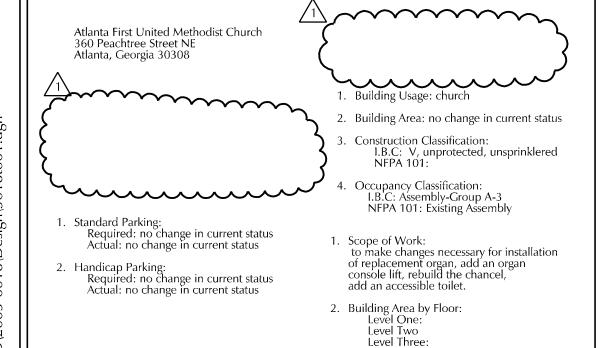
675 Tower Road, Marietta, Ga 30060-6958

"AS BUILT" DRAWINGS

### PROJECT NOTES

#### **BUILDING AREA** EXISTING RENOVATED NEW TOTAL LEVEL 100 FLOOR PLAN 13717 SF 301 SF 14018 SF LEVEL 200 FLOOR PLAN 20002 SF 757 SF 000 SF 20002 SF LEVEL 300 FLOOR PLAN 16796 SF 000 SF 000 SF 16796 SF 50816 SF

#### CODE INFORMATION



1. SBCCI Standard Building Code (International Building Code), 2000 Edition, with Georgia Amendments RONTEPS ROROGO Ballet (LSC) - 2000 Edition,

3. SBCCI Standard Fire Prevention Code (International Fire Code), 2003 Edition, 1. SBCCI Standard Mechanical Code (International Mechanical Code), 2000 Edition, with Georgia Amendments 5. SBCCI Standard Cas Code Unterpatienal Eyel Cas Code F2000 Edition, with Georgia Amendments PARTITIONS, AND OPENING PROTECTIVES
6. SBCCI Standard Plumbing Code (International Plumbing Code), 2000 Edition,

7. National Electrical Code, 2005 Edition,

8. Rules & Regulations Of The Safety Fire Commissioner, Chapter 120-3-3 9. American National Standards Institute (ANSI) A117.1 - 1986 Edition 10. Ga Accessibility Code, 1997 Edition. Chapter 120-3-20 11. CABO Model Energy Code, 1995 Edition, with Georgia Amendments 12. The American National Standard Safety Code for elevators, dumbwaiters, escalators, and moving walks ANSI A17.1-1984 Edition STRUCTURAL FIRE RESISTANCE REQUIREMENTS::

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#### GENERAL NOTES

1. The Contractor must have a current Business License and a Code Compliance Bond. Subcontractors must have a current Business License. Electrical, plumbing and heating subcontractors must get their work approved when obtaining permits The Contractor shall assure that final inspections are made on the building permit and on each subcontractor's permit, and that the final sign off card is signed by the inspector of each division. Signs shall be permitted separately thru Planning and Zoning Department Construction trailers are to be permitted thru Planning and Zoning Land Disturbance Permit must be displayed on site at all times during construction and in plain view from a county road or street.

GENERAL NOTES

regulations which are presently in effect.

to match adjacent wall finish.

U.L. listed sealants.

reflected ceiling plans

structure above and have a two-hour Fire Rating.

pipes where required by code to be run exposed.

adjusted to as close as possible to the heights shown.

repaired and/or extended into renovated area.

historic or anthropologic finds during construction.

15. Provide double studs at all openings in walls.

17. All wood blocking shall be fire retardant treated.

from sanding of floors prior to painting these areas.

all door and borrowed light frames.

1. General Contractor is to comply with all local building codes and

observations with the requirements of the Contract Documents.

to maintain the integrity of any rated wall in which they occur.

room in which drop occurs unless noted or detailed otherwise.

The Contractor shall visit the site, familiarize himself with the local conditions under which the work is to be performed, and correlate his

3. The General Contractor shall be responsible for coordination of all work

5. All exposed mechanical units, ducts, and electrical panels shall be painted

6. Furr in all fire extinguisher cabinets so as to afford proper recessed fit and

7. Furr in all mechanical ducts, pipes and vents in all areas; except gas

8. Where furring is not shown on plans, check and verify locations of ducts

pipes and vents with Mechanical Drawings and furr in same with material to

9. All vertical ceiling drops shall be made of same material ascending in

10. All ceiling heights shall be as indicated on plans unless mechanical,

electrical or structural (new or existing) components prevent full height. In the event of a conflict, the Contractor shall notify the Architect. Ceiling will then be

11. Where Finish Schedule shows existing finishes to remain, these shall be

12. Architect shall be notified immediately upon the discovery of any possible

13. Drywall partitions which extend to structure shall be tight against beams,

headers, joists or decks and be caulked with sealant. At rated partitions, provide

16. Provide jamb anchor clips, floor anchor clips and mitered head splices at

18. Sand concrete floors smooth prior to installation of vinyl composition floor

tile. Clean all walls, door and window Frames, ceilings, etc. From dust and dirt

19. All exposed electrical fixtures such as exit lights, fire alarms, wall or ceiling

mounted clocks, etc. Shall be centered on architectural features as indicated on

20. Corridor partitions, smoke stop partition, horizontal exit partitions, exit

any decorative ceiling and concealed spaces. Suggested wording - "FIRE AND

SMOKE BARRIER - PROTECT ALL OPENINGS." Size of Lettering shall be 2"

enclosures and other fire signs or stenciling at 12'-0" o.c. max. in a manner acceptable to the authority having jurisdiction. Such identification shall be above

14. All wood doors are to be sanded and sealed on top, bottom, sides, and edges

concerning provisions for and installation of equipment noted NIC (not in

4. All vertical mechanical chase walls shall extend from finish floor to

1. Locations of underground utilities are approximate. The General Contractor shall notify and request each to visit the site, locate and mark locations. During the course of construction, protect utilities from damage Remove cap, or alter utilities only as prescribed by these documents or as directed in writing by the Architect or respective utility company. Electrical, mechanical and outside utility work is to be coordinated so that there is a minimum of cutting and patching.

1. All interior dimensions shown on floor plans for metal stud partitions are to the face of stud, (unless center line is shown), or to the centerline of any column Contractor shall check and verify all dimensions and job conditions at the site, reporting all discrepancies between the job and drawings to the Architect. All exterior dimensions shown on floor plans are to the face exterior walls or to the centerline of any column grid shown. 4. All site dimensions shown are to the face of curb or edge of pavement and to face of exterior walls.

#### CONTRACT DOCUMENTS

1. The plans are complimentary; therefore, the Contractor shall see mechanical, structural and electrical plans; and what is required by any one shall be binding as if required by all. The intention of the documents is to include all labor, materials, equipment and other items necessary for the proper execution and completion of the work. All Subcontractors will be responsible for knowledge The written specifications, and any addenda for this project compliment the drawings, and are hereby made a part these plans and shall be specifications for all materials used on this project.

All drawings and details incorporating existing conditions are representative of existing conditions only. The Contractor shall verify the accuracy of all details with actual conditions and coordinate with the Architect any deviations of the details to execute the intent of these details. The Architect's approval of shop drawings or samples shall not relieve the Contractor of responsibility for any deviation from the Contract Documents, nor shall the Architect's approval relieve the Contractor from responsibility for errors or omissions in the shop drawings or samples.

#### DRAWING KEYNOTE SYSTEM

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copyright owner.

A keynoting system is used on the drawings for materials references and notes. For an index of each keynote that appears on a drawing, refer to the materials keying section in the upper right of the title block of each drawing. A master keynote list of all keynotes appearing in the architectural drawings can be found on sheet G001. Each keynote consists of a 5-digit number followed by an alpha-numeric suffix. The 5-digit number relates to the specification section which generally covers the item that is referenced. The suffix is used to differentiate between the materials specified in each specification section. The suffix does not relate to any corresponding reference letter or number in the specification. The organization of the keynoting system on the drawings with the keynoting reference numbers related to the specifications sections numbering system shall not control the contractor in dividing the work among subcontractors or in establishing the extent of work to be performed by any trade.

### DRAWING INDEX

#### **COVER SHEET**

TITLE SHEET

CIVIL

A101

**KEYNOTES** 

Symbol on that respective Drawing

A Keynote System is used on these Drawings for material

references and notes. Refer to the Keynote Legend on the

Drawing for the information which refers to each Keynote

Each Keynote Symbol consists of a 5-digit number followed

by an alpha numeric suffix. The 5-digit number relates to a Specification Section which generally covers the item that

is referenced. The alpha numeric suffix combined with the

5-digit number creates a Keynote Symbol which identifies

the specific reference notation used on the Drawings. The

suffix does not relate to any corresponding reference letter

The use of Keynote Reference Numbers on these Drawings

incorporated into the Drawings. These numbers shall not

Sub-Contractors or in establishing the extent of work to be

control the Contractor in dividing the Work among his

performed by any trade.

or number used in the organization system of the

is a convention only for denoting materials used and

NOT APPLICABLE

Off: 770.423.0016

Fax: 770.424.0260

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GENERAL INFORMATION GENERAL INFORMATION

#### **DEMOLITION**

LEVEL 100 DEMOLITION PLAN D103 LEVEL 200 DEMOLITION PLAN LEVEL 300 DEMOLITION PLAN D103 D251 **DEMOLITION SECTIONS** 

#### **ARCHITECTURAL**

PARTITION TYPES AND DOOR SCHEDULES / DOOR ELEVATIONS ARCHITECTURAL COMPOSITE AND TOILET PLANS PARTIAL FLOOR PLAN: LEVEL 100 PARTIAL FLOOR PLAN: LEVEL 100

A103 PARTIAL FLOOR PLAN: LEVEL 300 ROOF PLANS A151 A251 **BUILDING SECTIONS** A401 REFLECTED CEILING PLAN: LEVEL 100

A402 REFLECTED CEILING PLAN: LEVEL 200 A403 REFLECTED CEILING PLAN: LEVEL 300 A501 WALL SECTIONS A502 HANDICAP LIFT DETAILS

WALL SECTIONS / DETAILS

#### **STRUCTURAL**

FOUNDATION AND FRAMING PLANS S200 SECTIONS AND DETAILS

#### **MECHANICAL**

HVAC M102 M103 HVAC

#### PLUMBING AND FIRE PROTECTION

PLUMBING

#### **ELECTRICAL**

E002

E101

E102

E103

E111

E112

E113

LEGEND, ONE-LINE, SCHEDULES AND NOTES PANEL SCHEDULE, BATHROOM DETAIL LEVEL 100 FLOOR PLAN LEVEL 200 FLOOR PLAN

LEVEL 300 FLOOR PLAN FIRST FLOOR SECOND FLOOR THIRD FLOOR

#### CONSULTANTS

**BAKER ST** 

LOCATION MAP

ALEXANDER ST. SITE

. W. PEACHTREE \$T.

#### **ARCHITECT**

KEN BASS CDH PARTNERS INC. 675 TOWER ROAD MARIETTA, GEORGIA 30060 PHONE (770) 423-0016 FAX (770) 424-0260

#### INTERIOR DESIGN

TOVA SERDA CDH PARTNERS INC 675 TOWER ROAD MARIETTA, GEORGIA 30060 PHONE (770) 423-0016 FAX (770) 424-0260

#### STRUCTURAL ENGINEER

GREG PETERSON NORTON, SCHMIDT & WARDEN 4562 LAWRENCEVILLE HWY SUITE 120 LILBURN, GEORGIA 30047 PHONE: (770) 934-6944 FAX: (770) 934-1875

#### MECHANICAL ENGINEER

RALPH MCGILL BLVD

10/04/2007

"AS BUILT" DRAWINGS

GARY GABRIEL CDH PARTNERS INC. 675 TOWER ROAD MARIETTA, GEORGIA 30060 PHONE (770) 423-0016 FAX (770) 424-0260

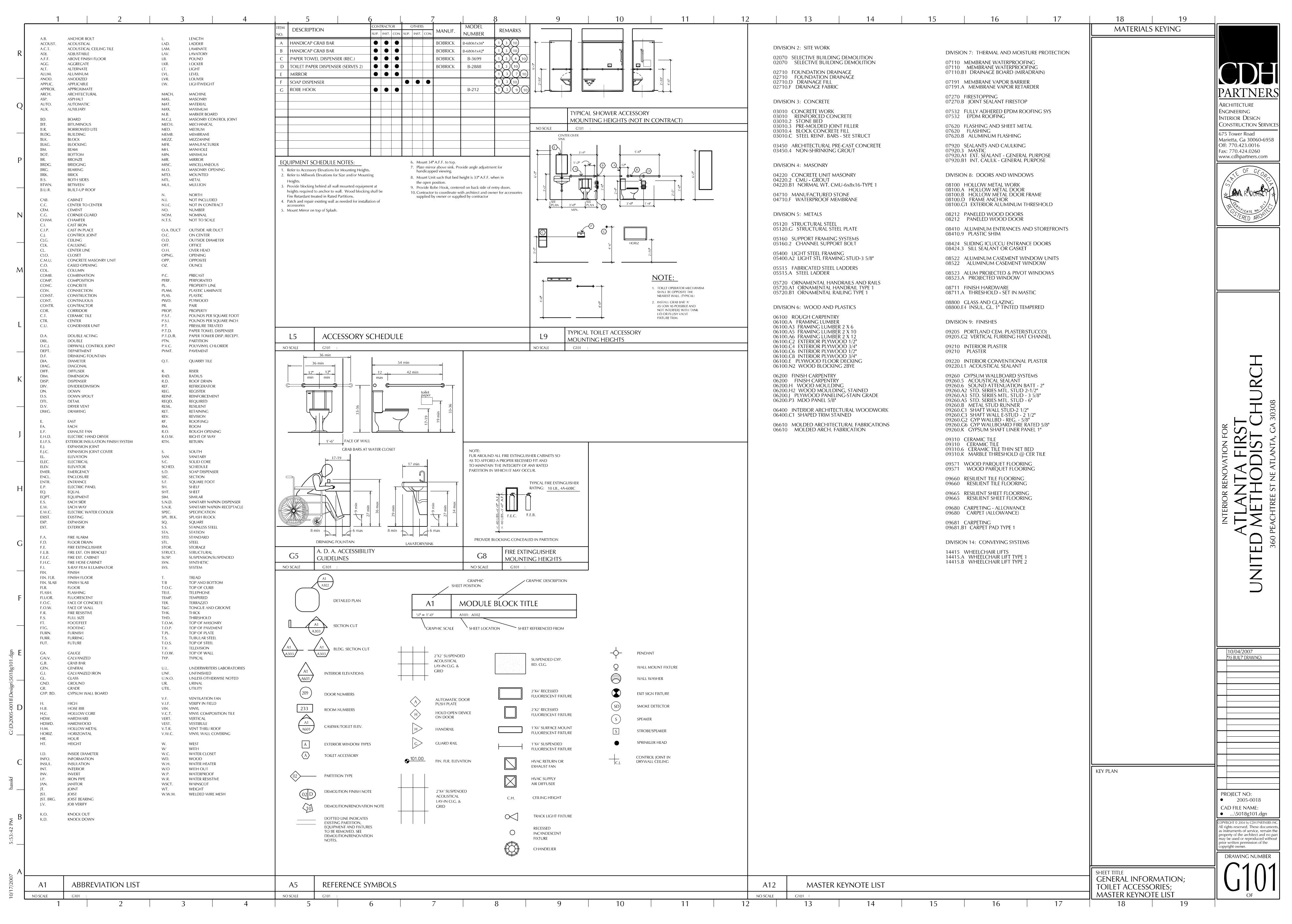
#### ELECTRICAL ENGINEER

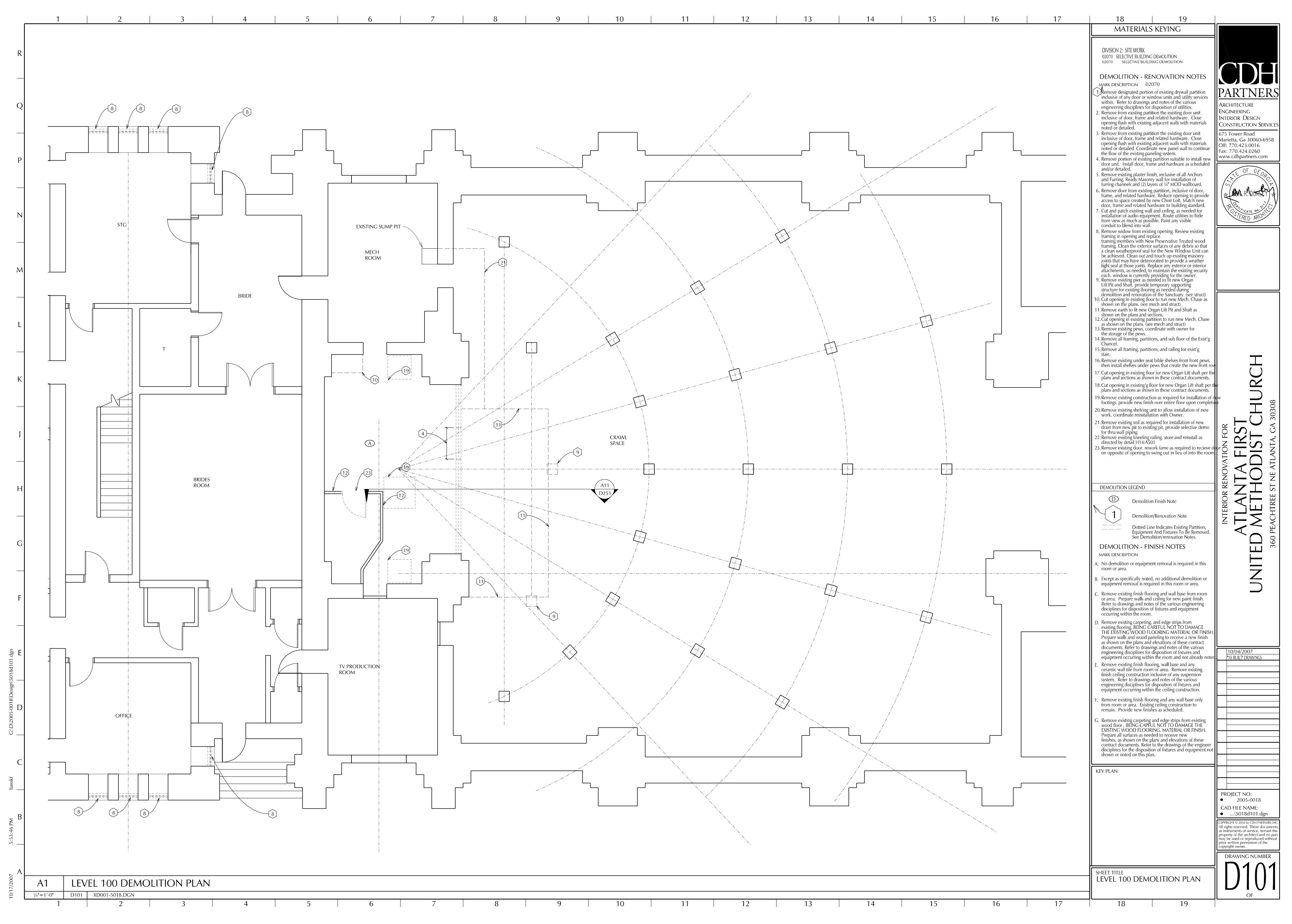
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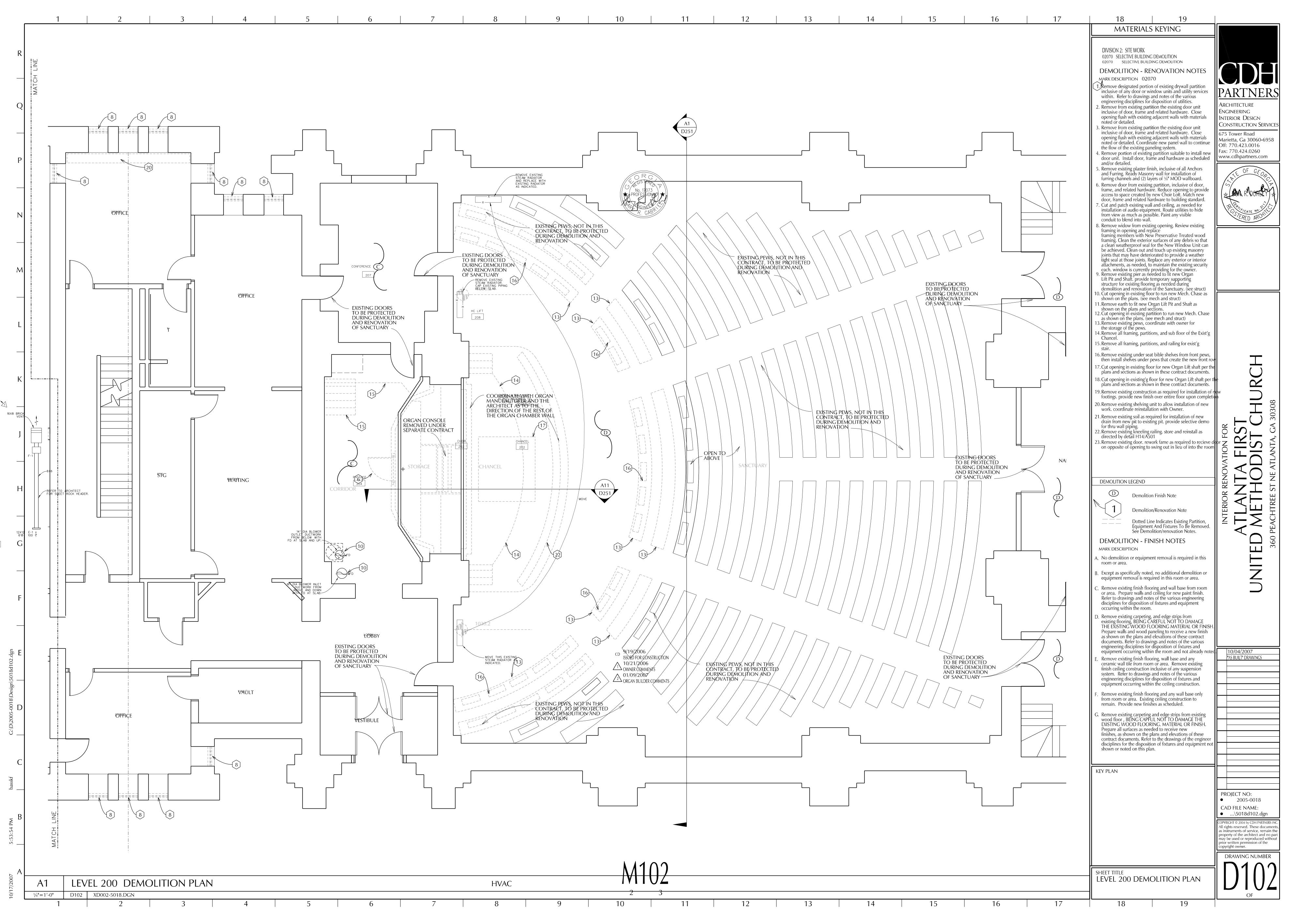
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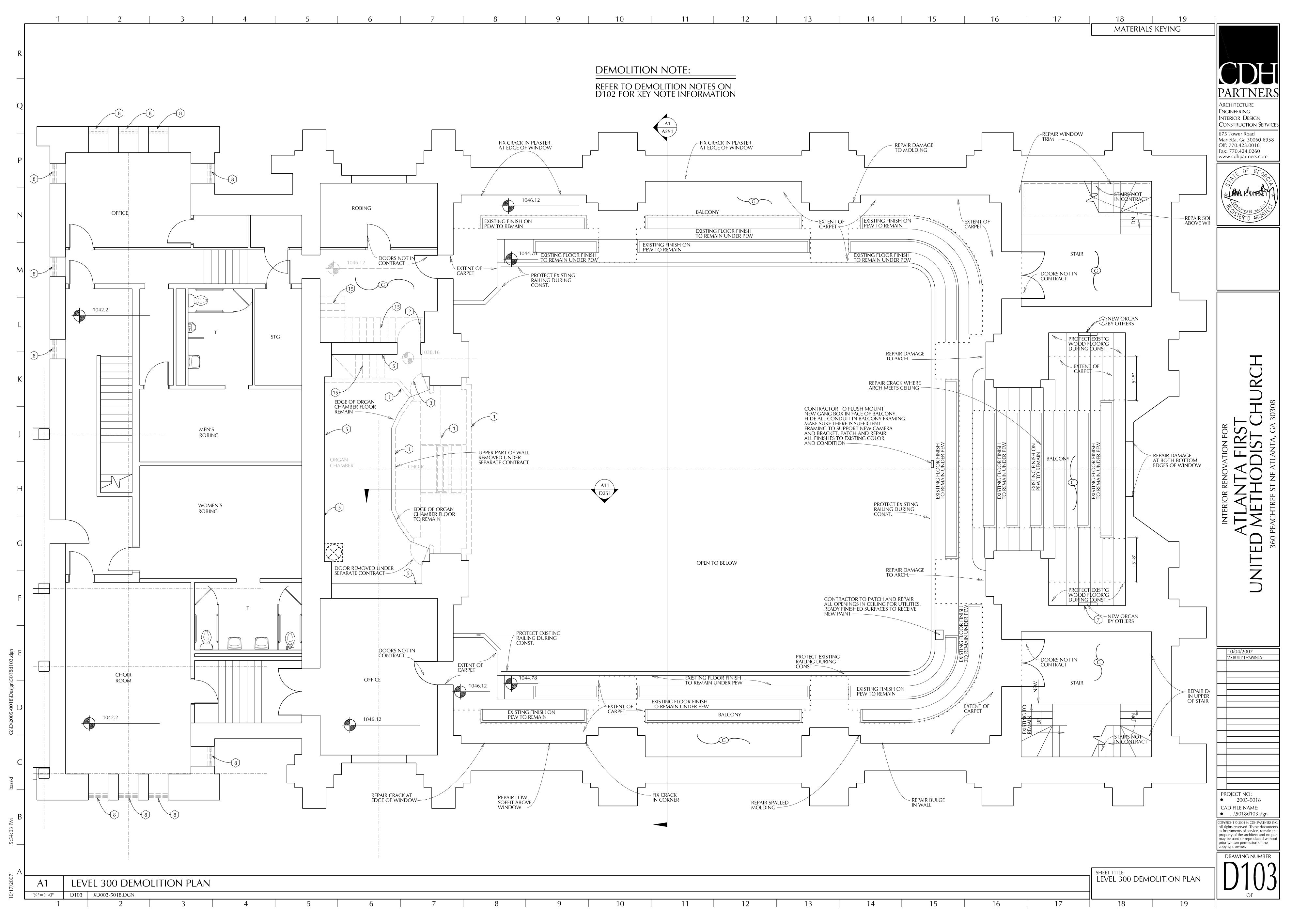


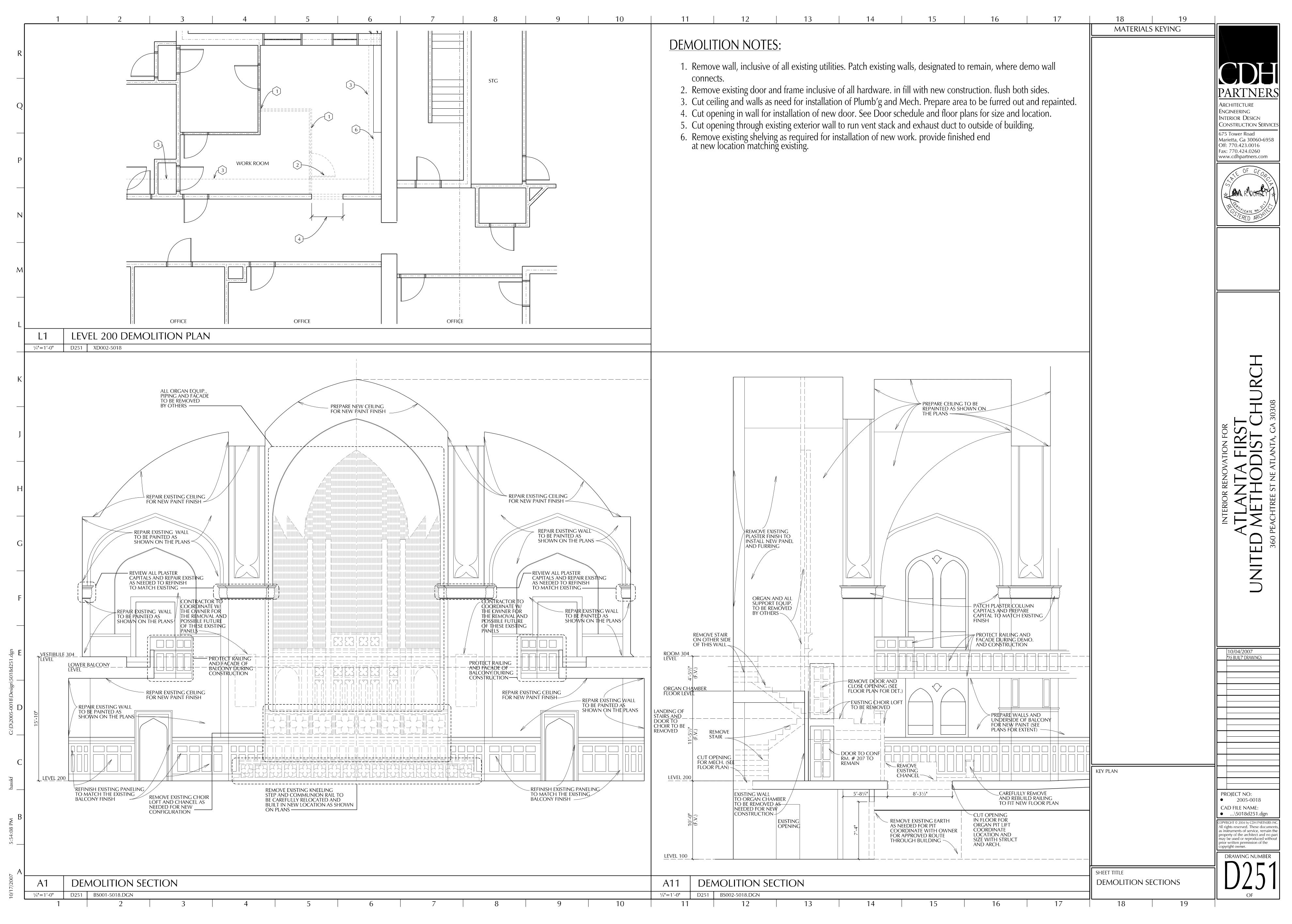


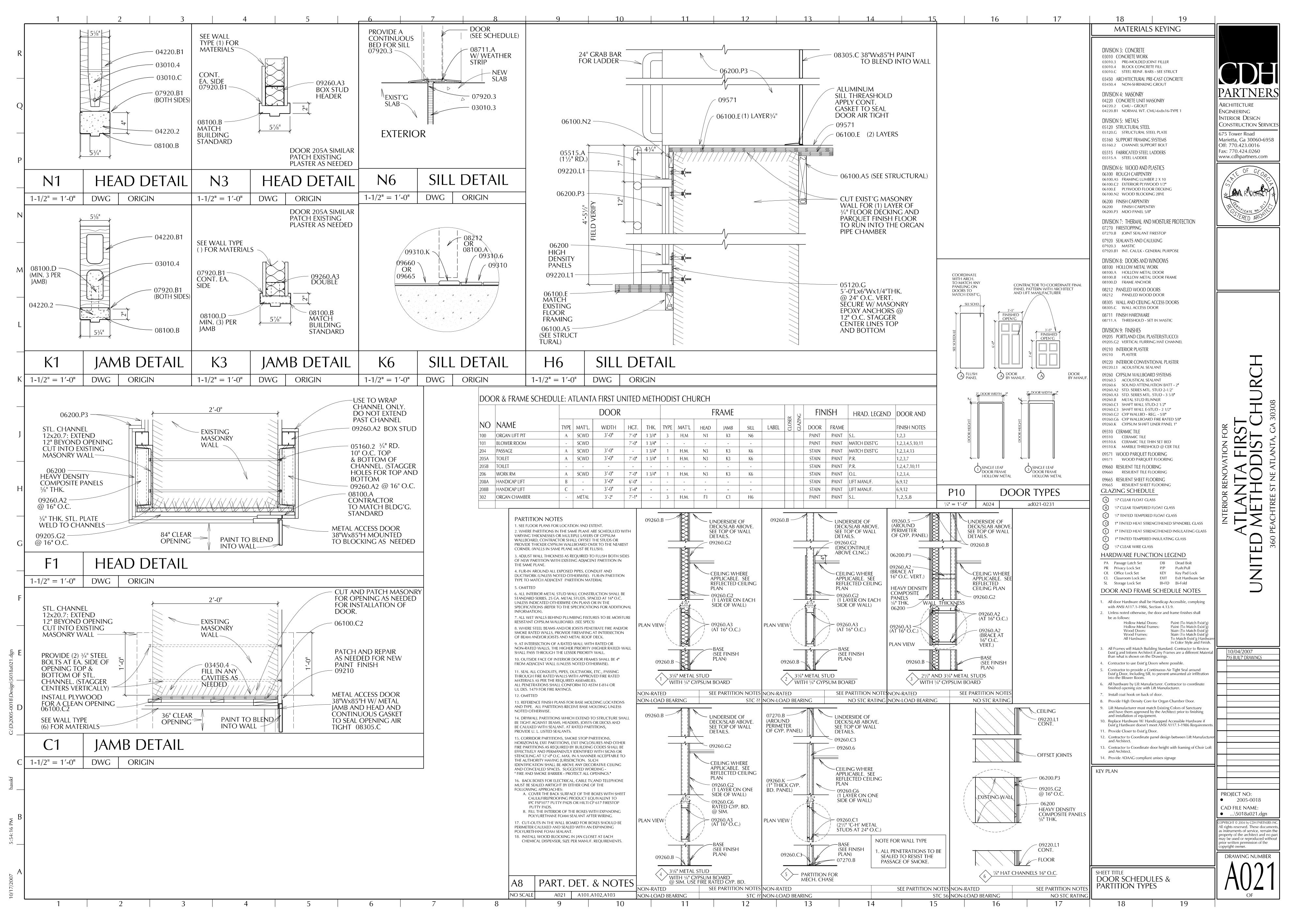


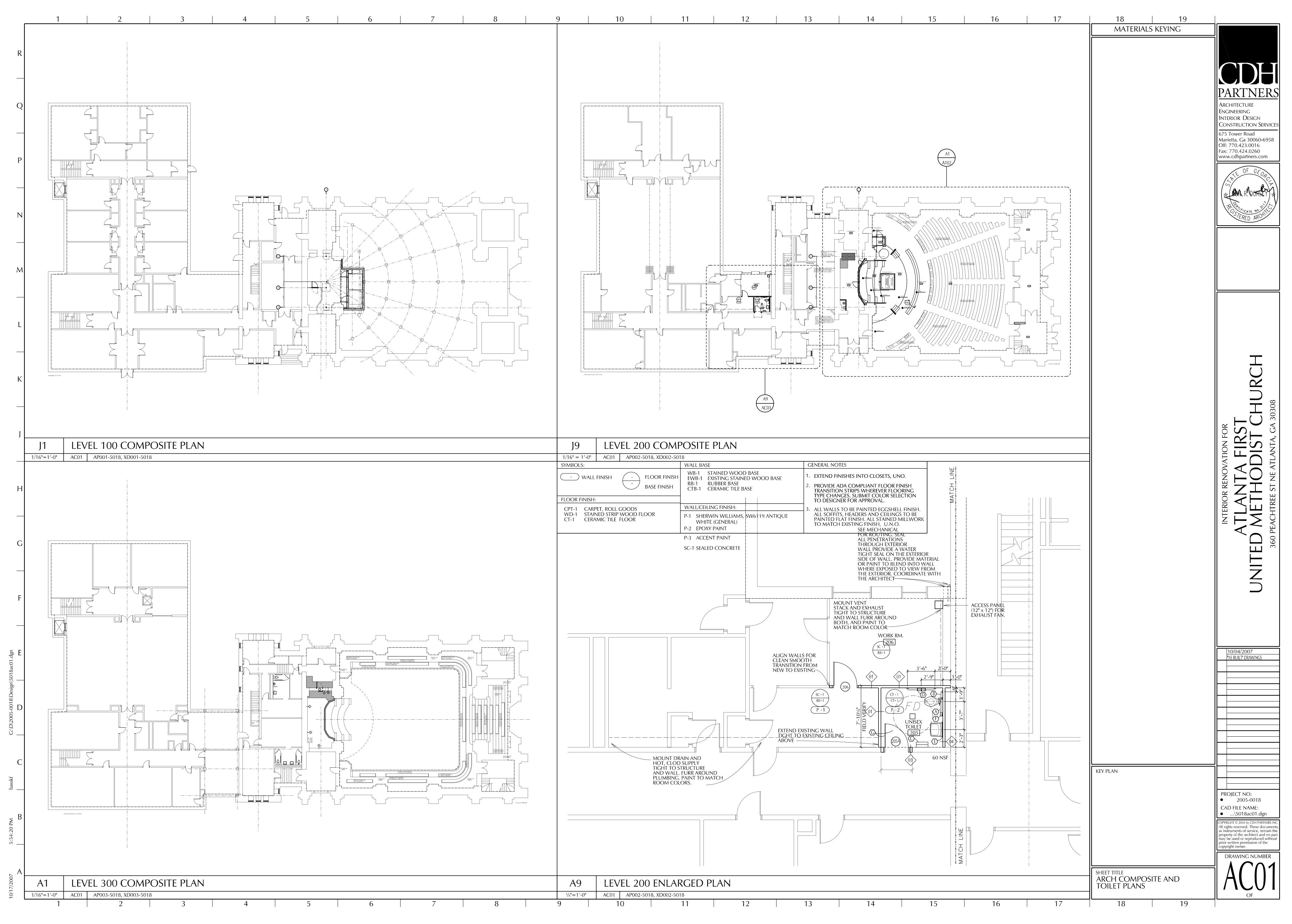


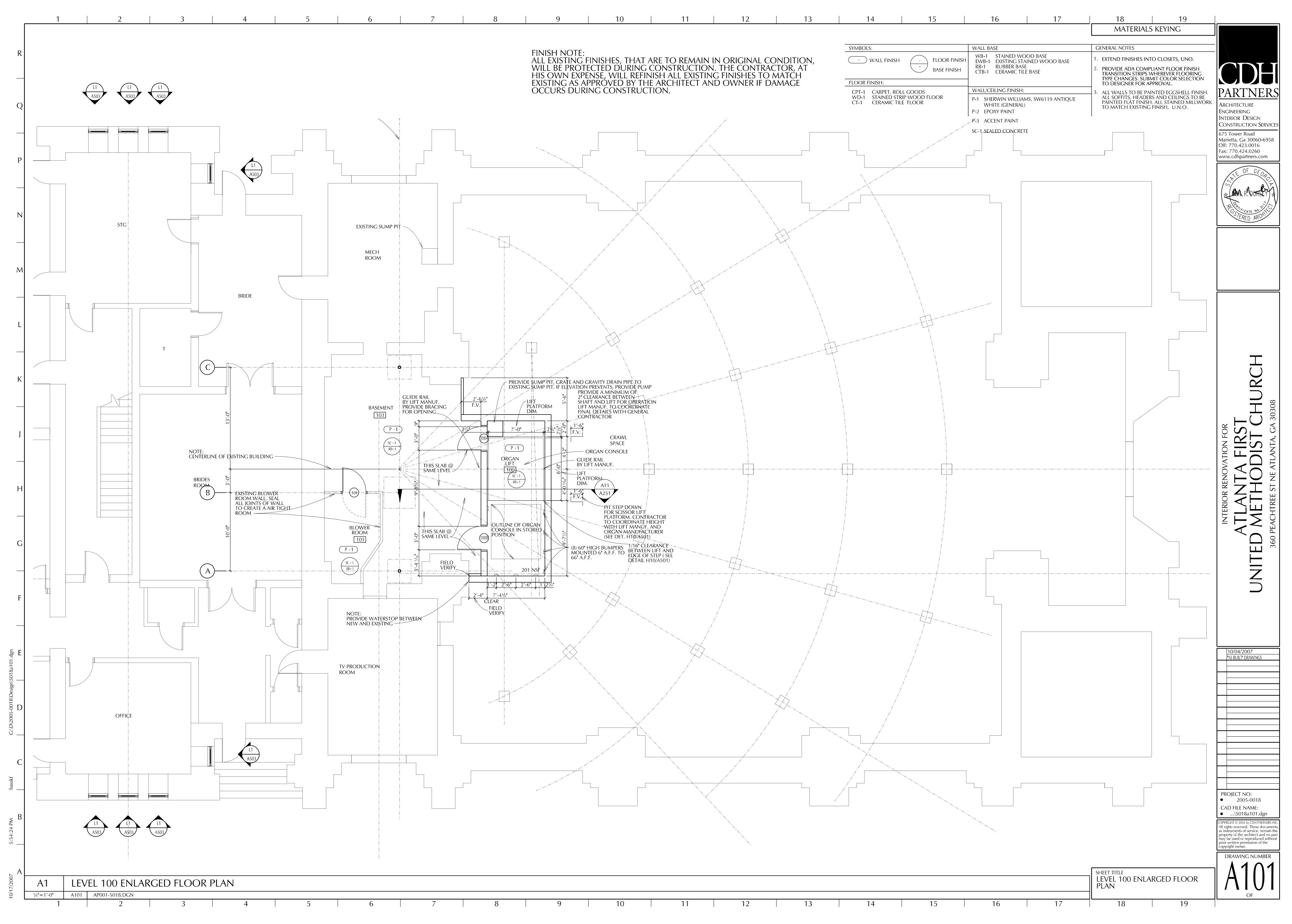


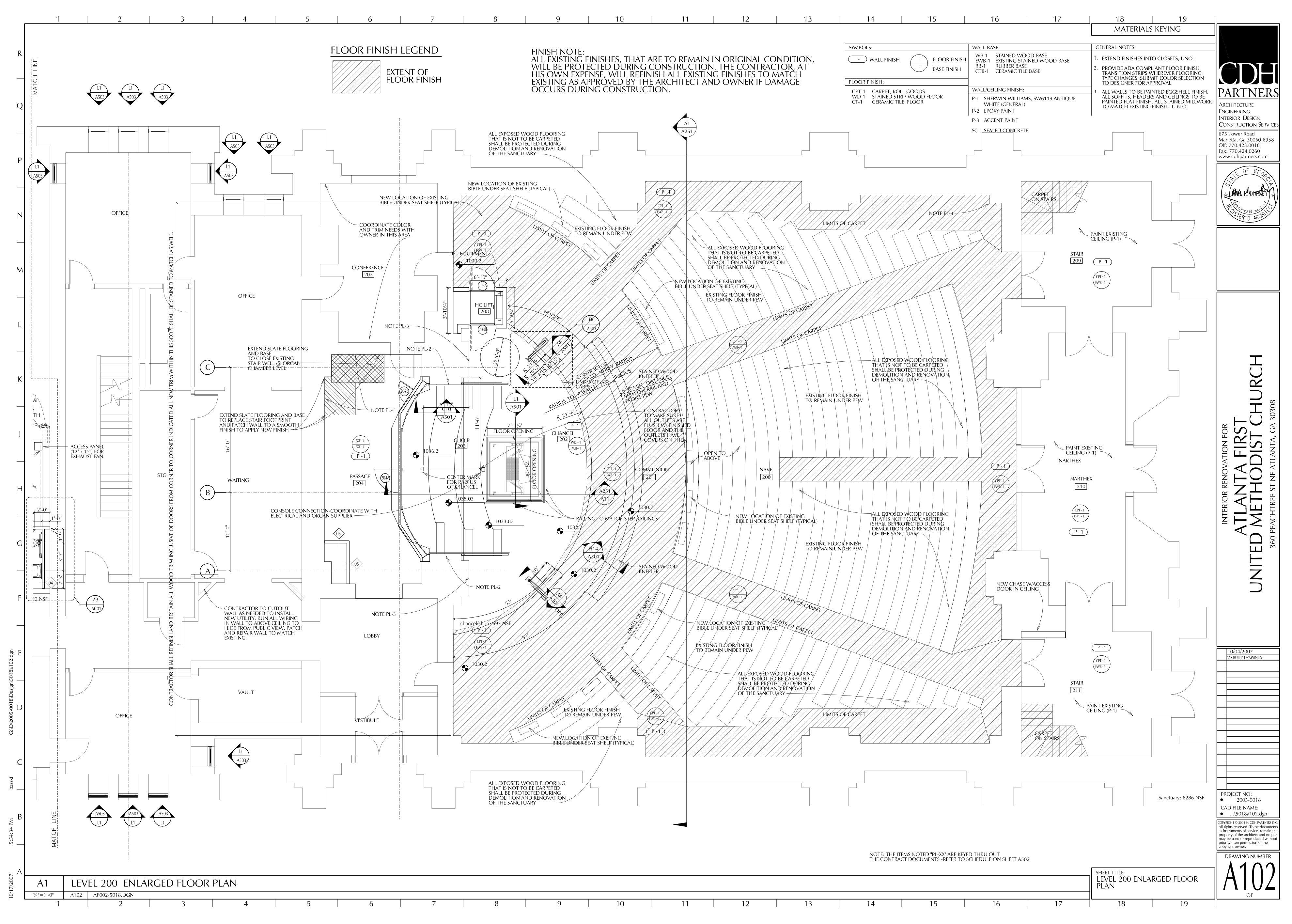


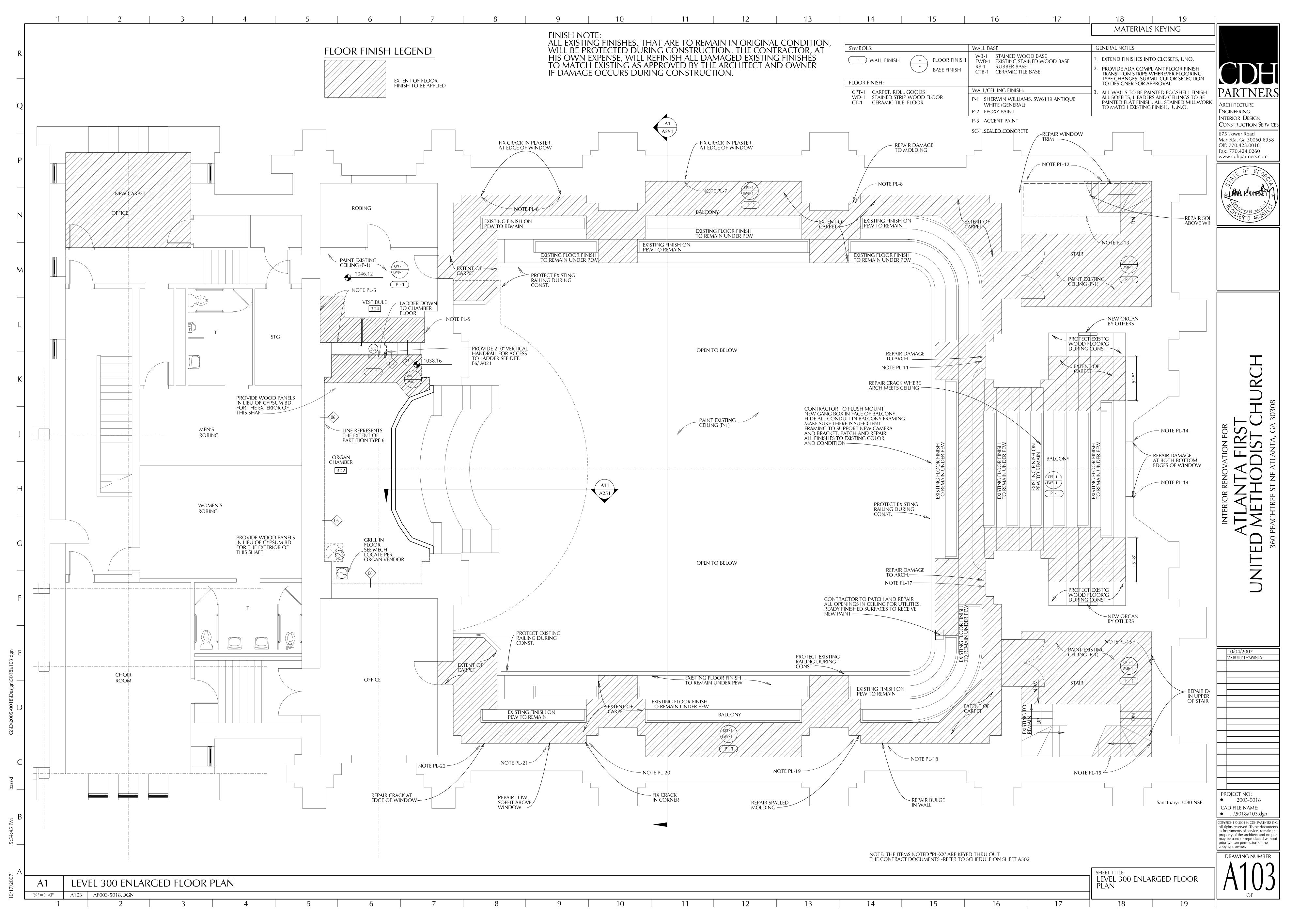


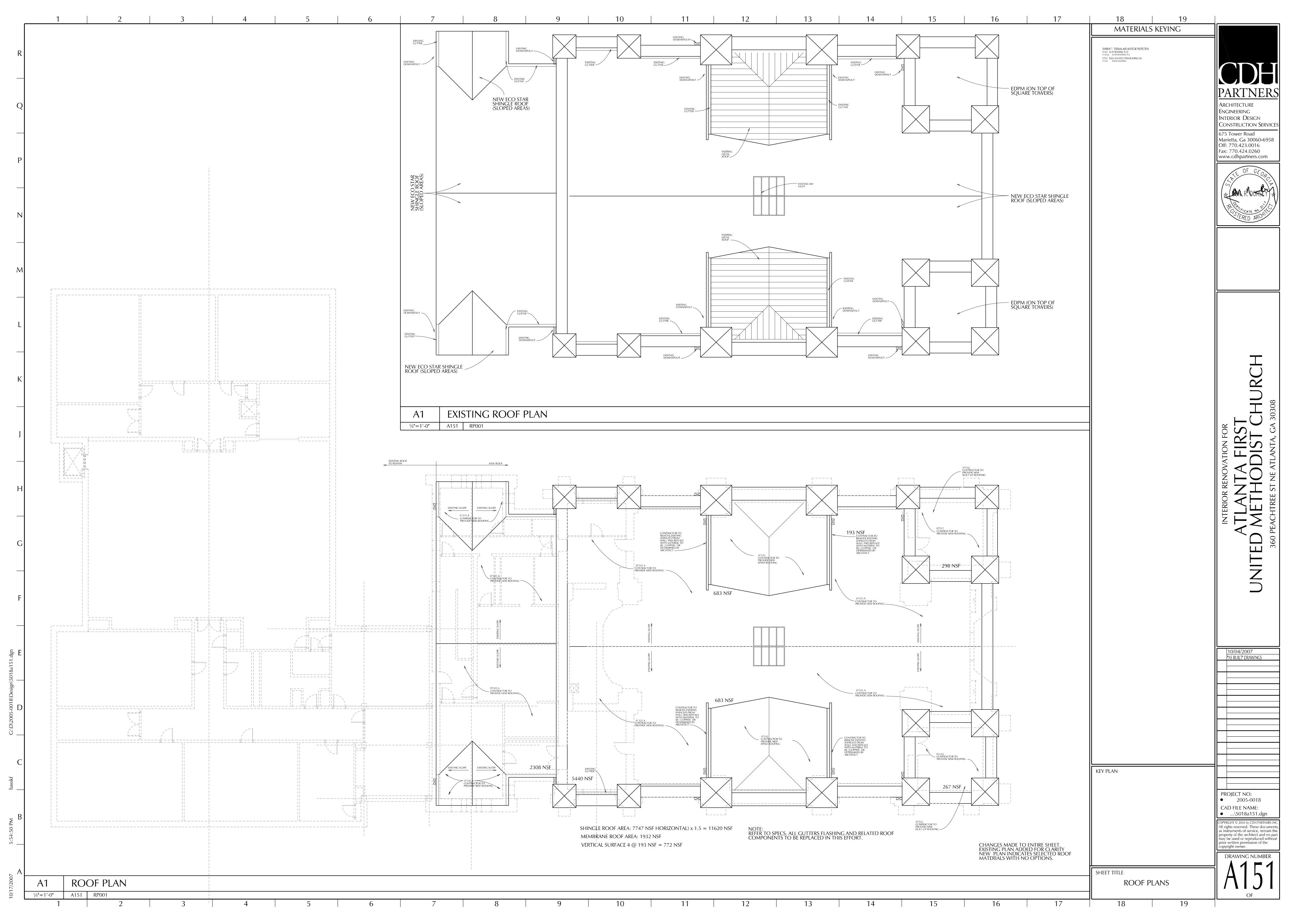


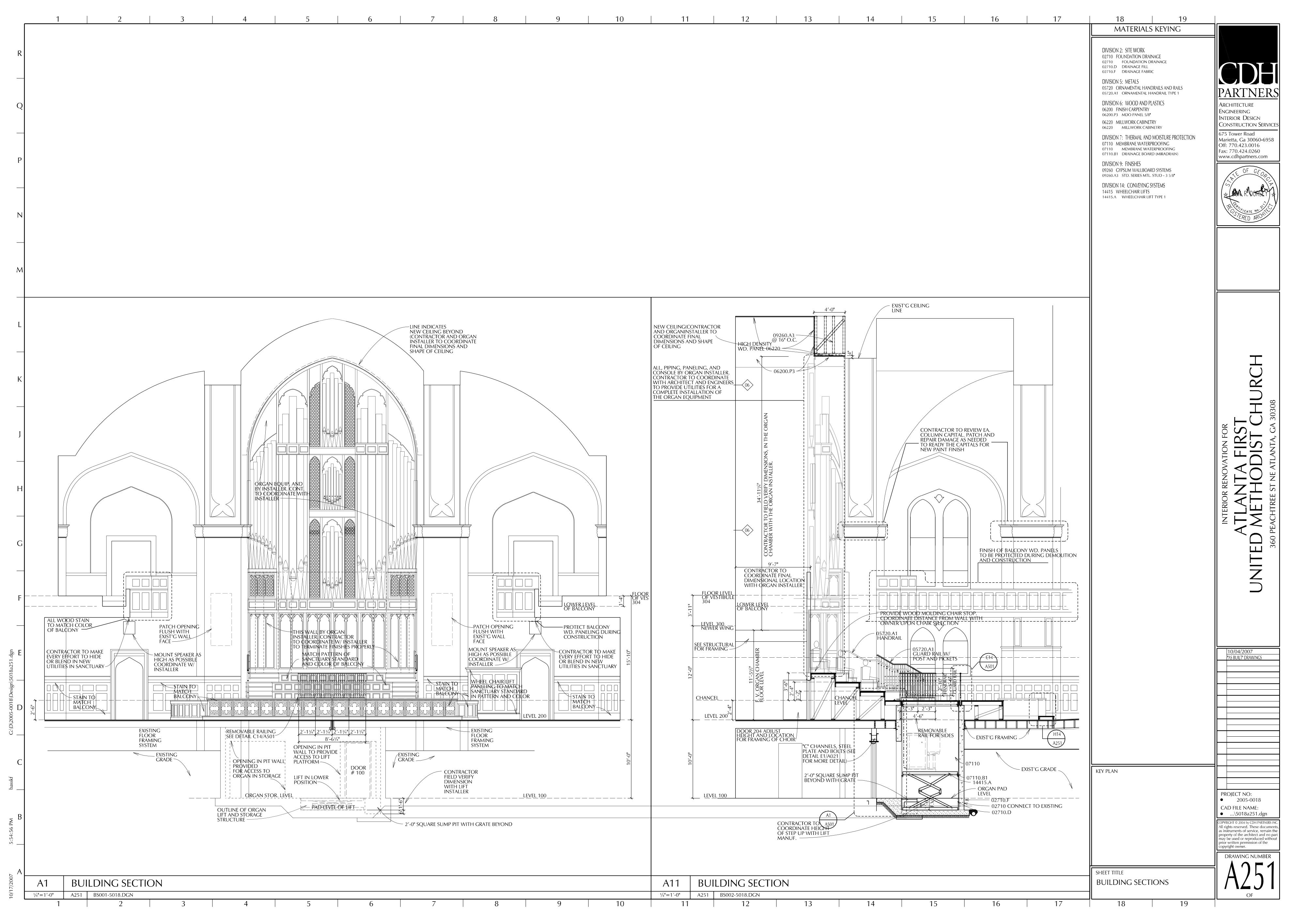


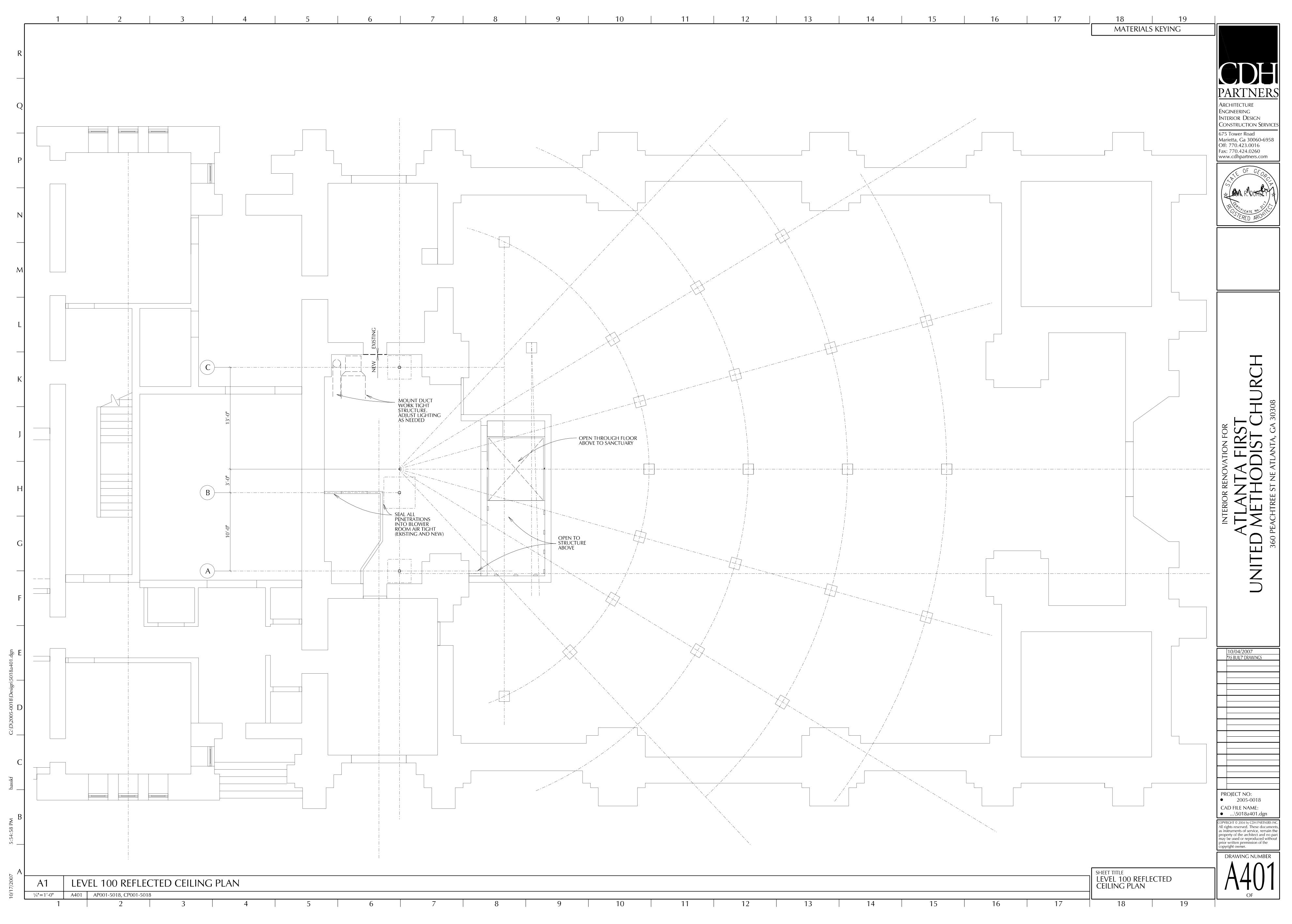


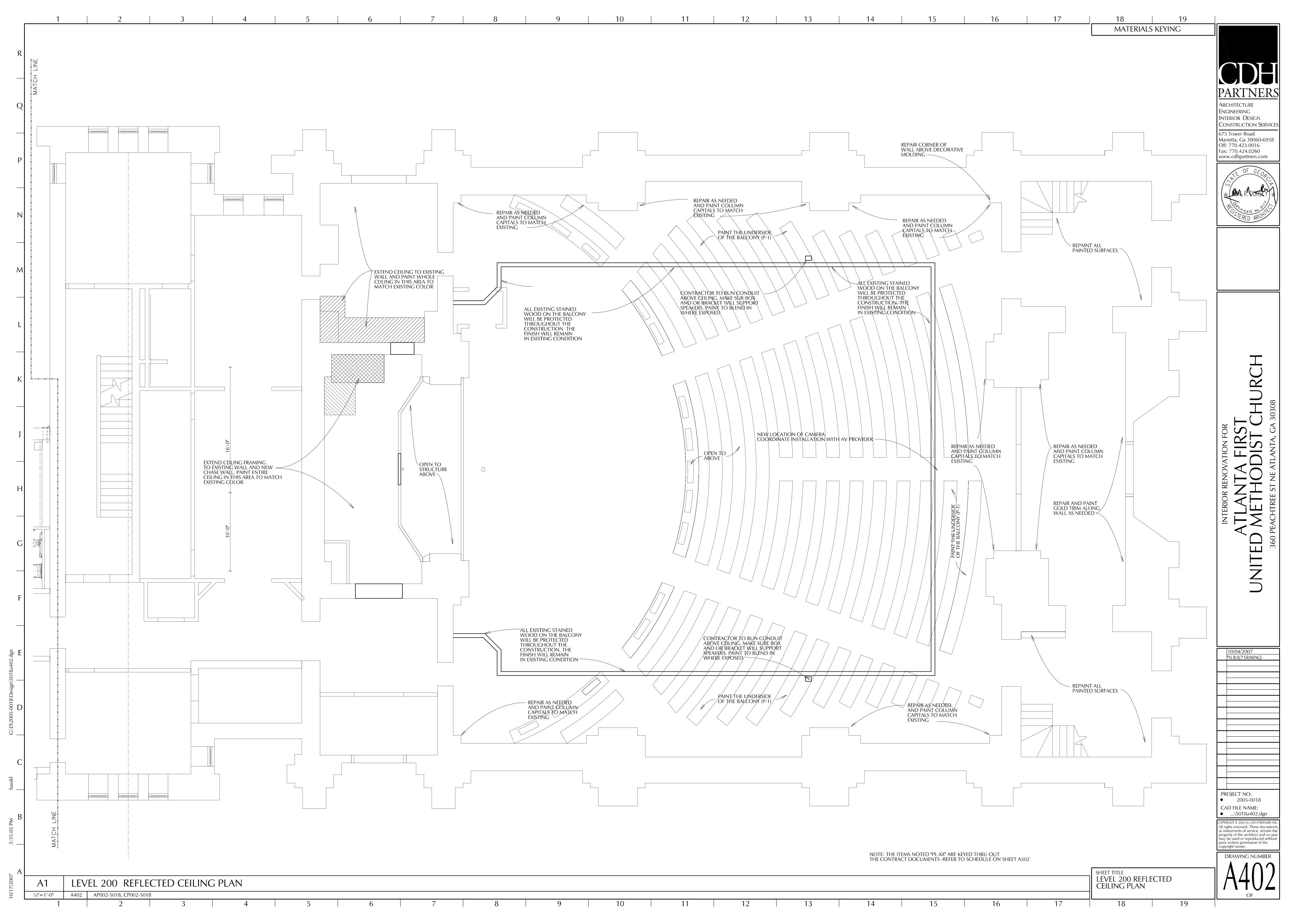


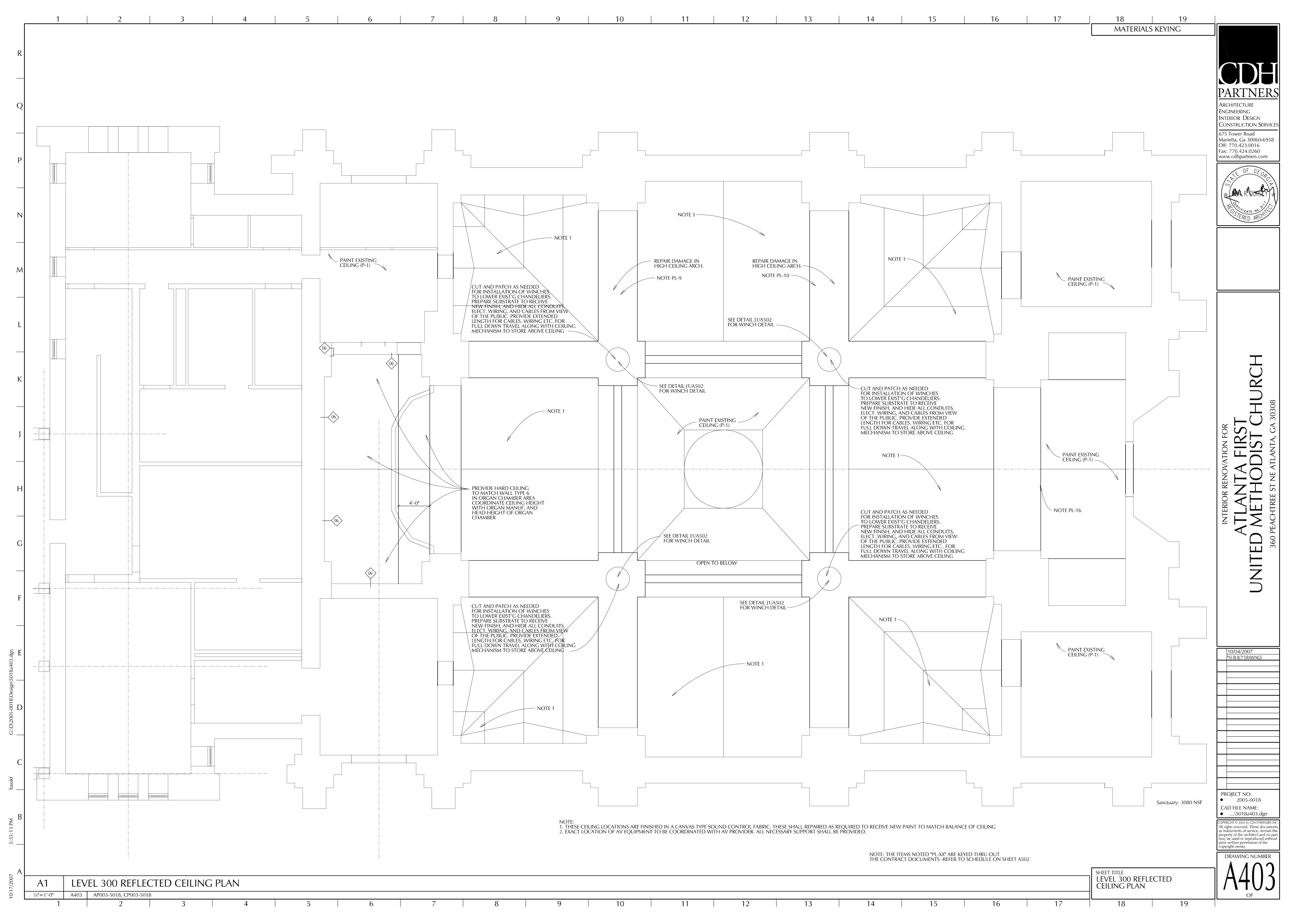


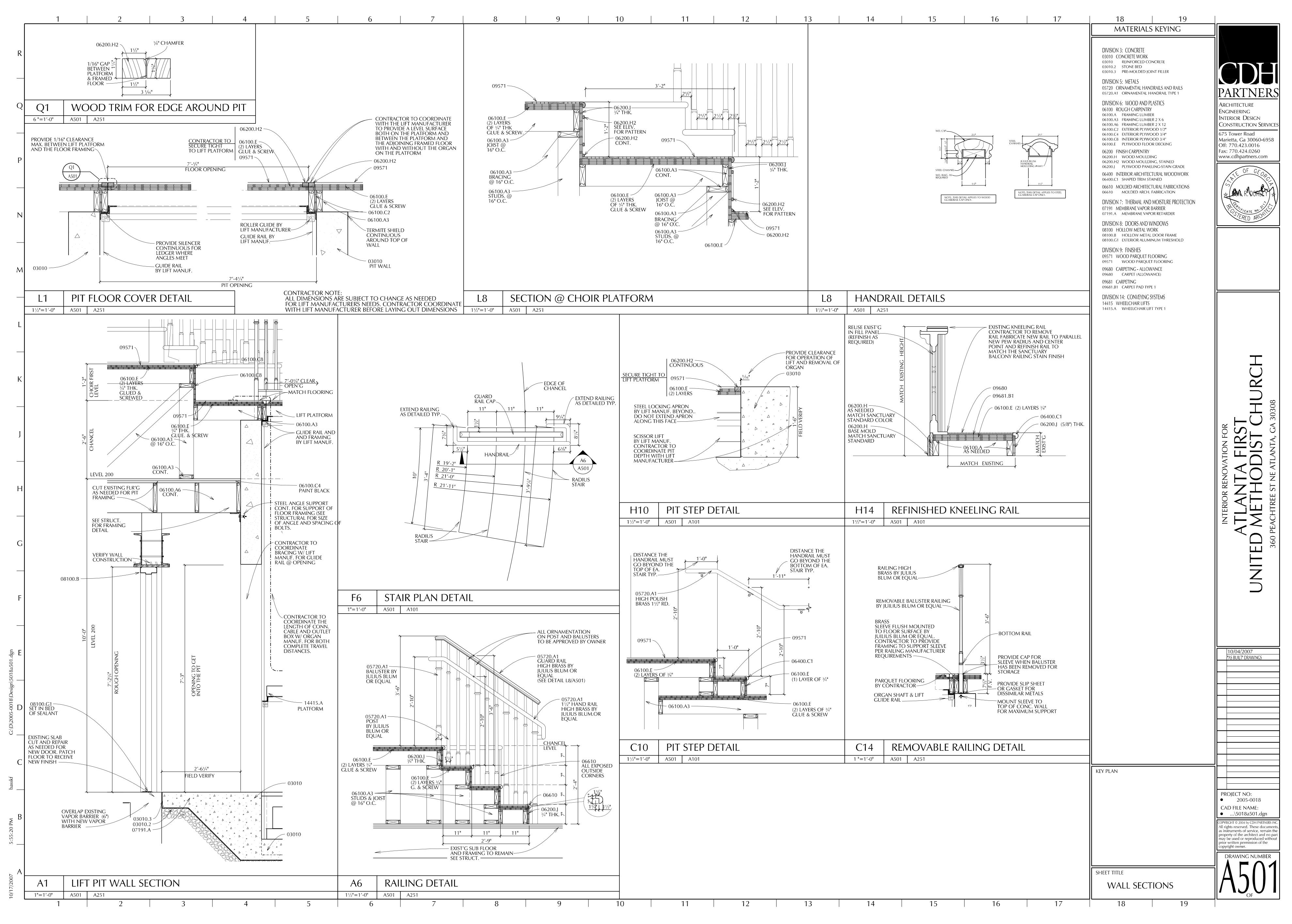


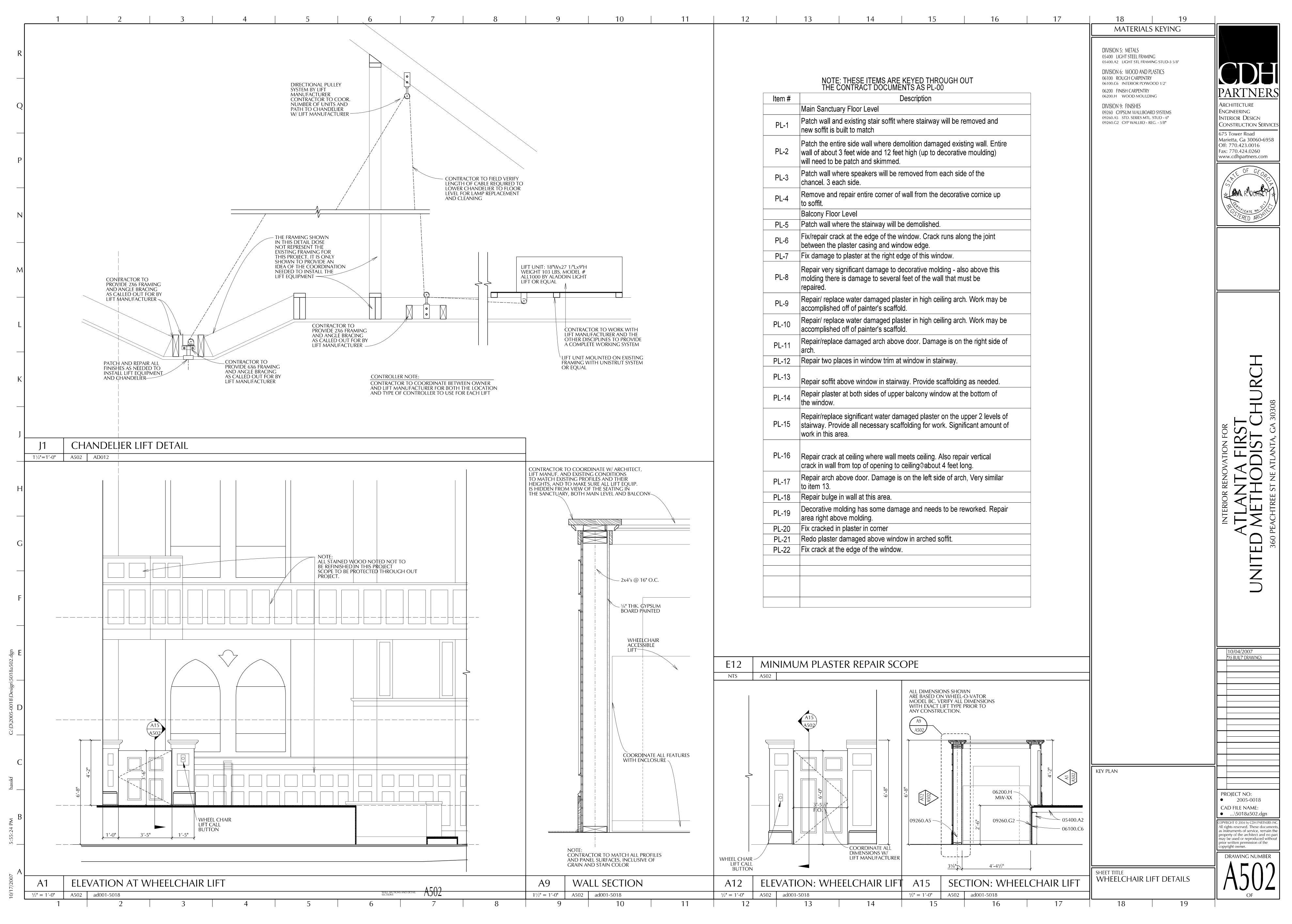


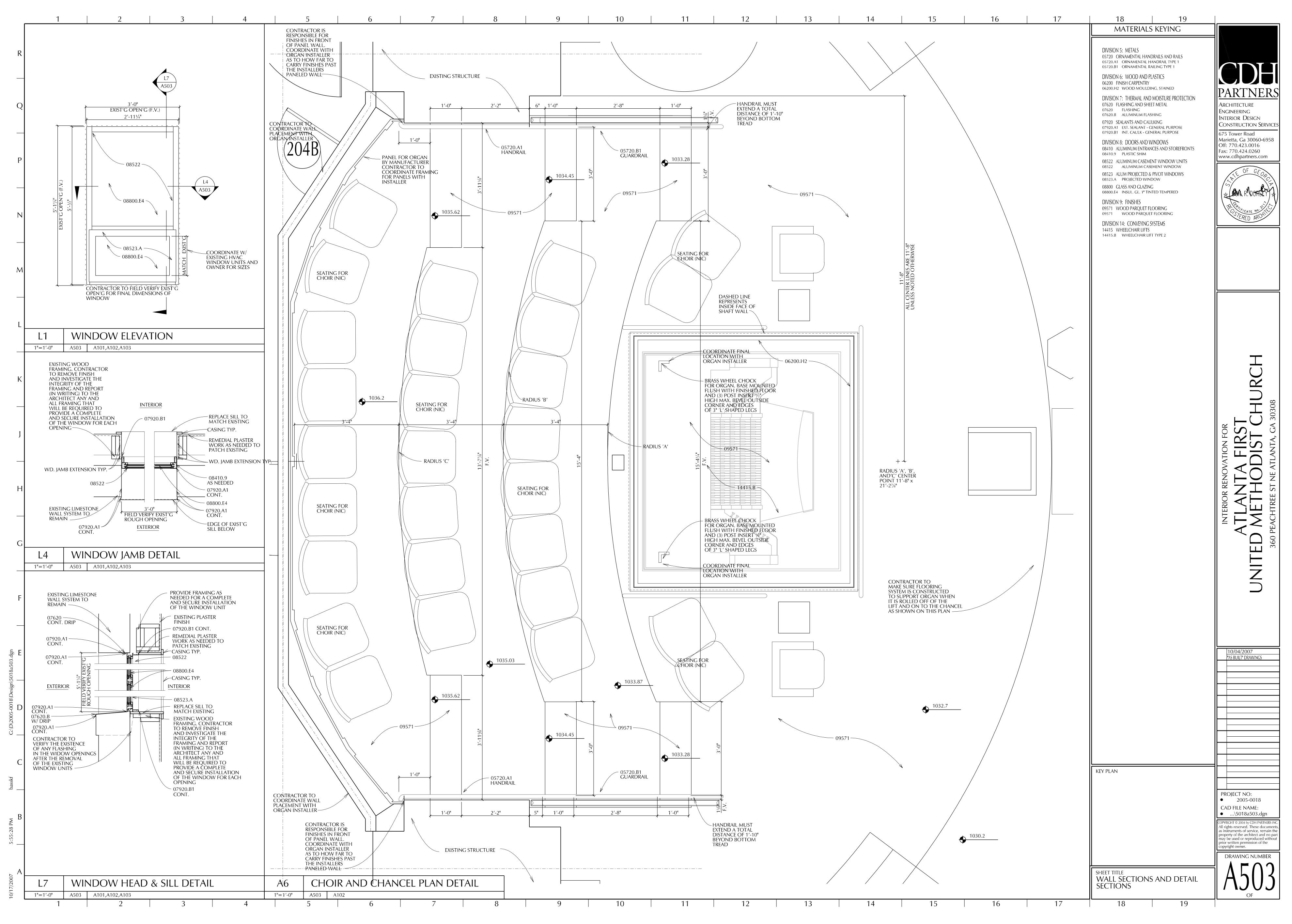


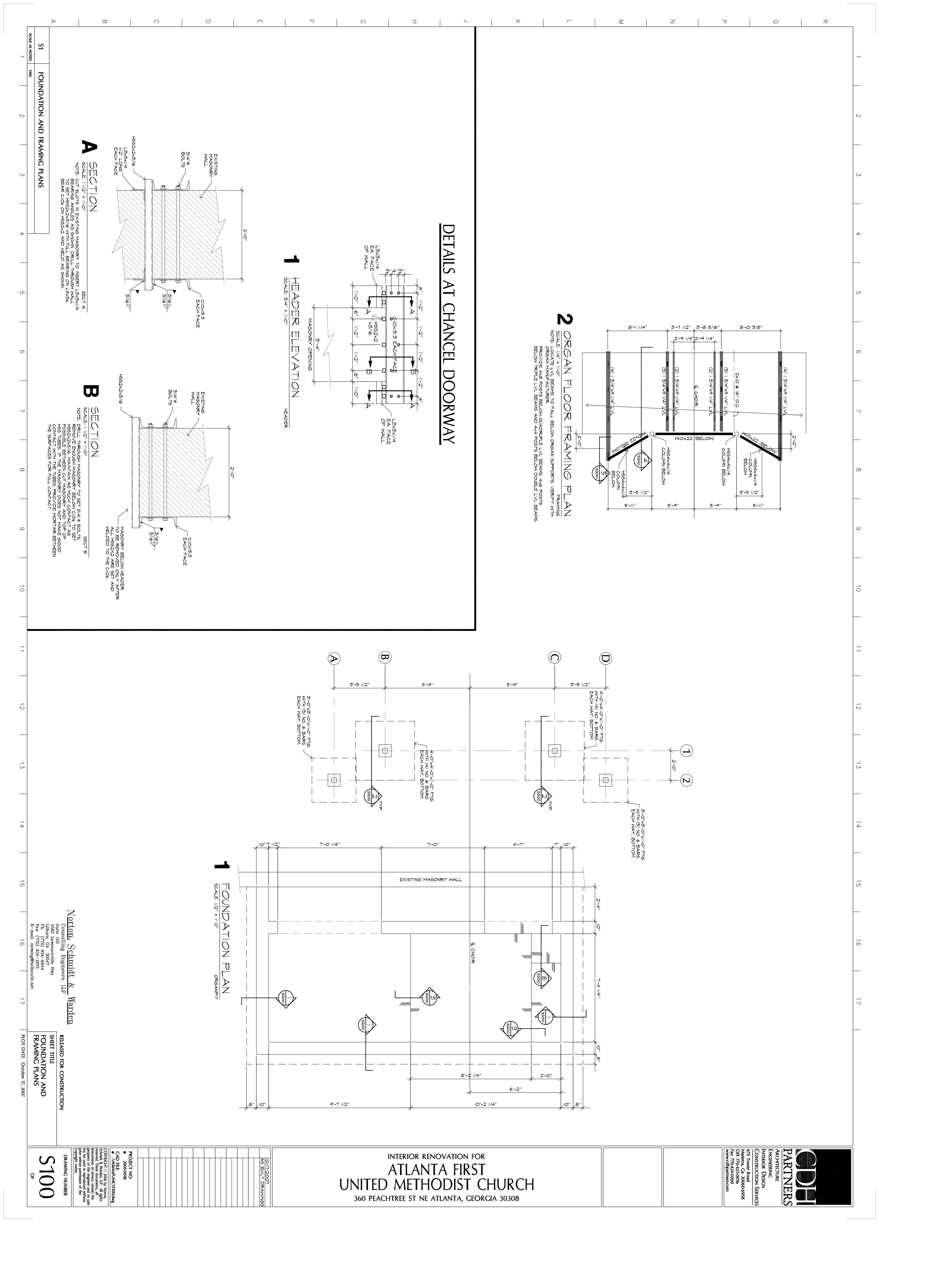


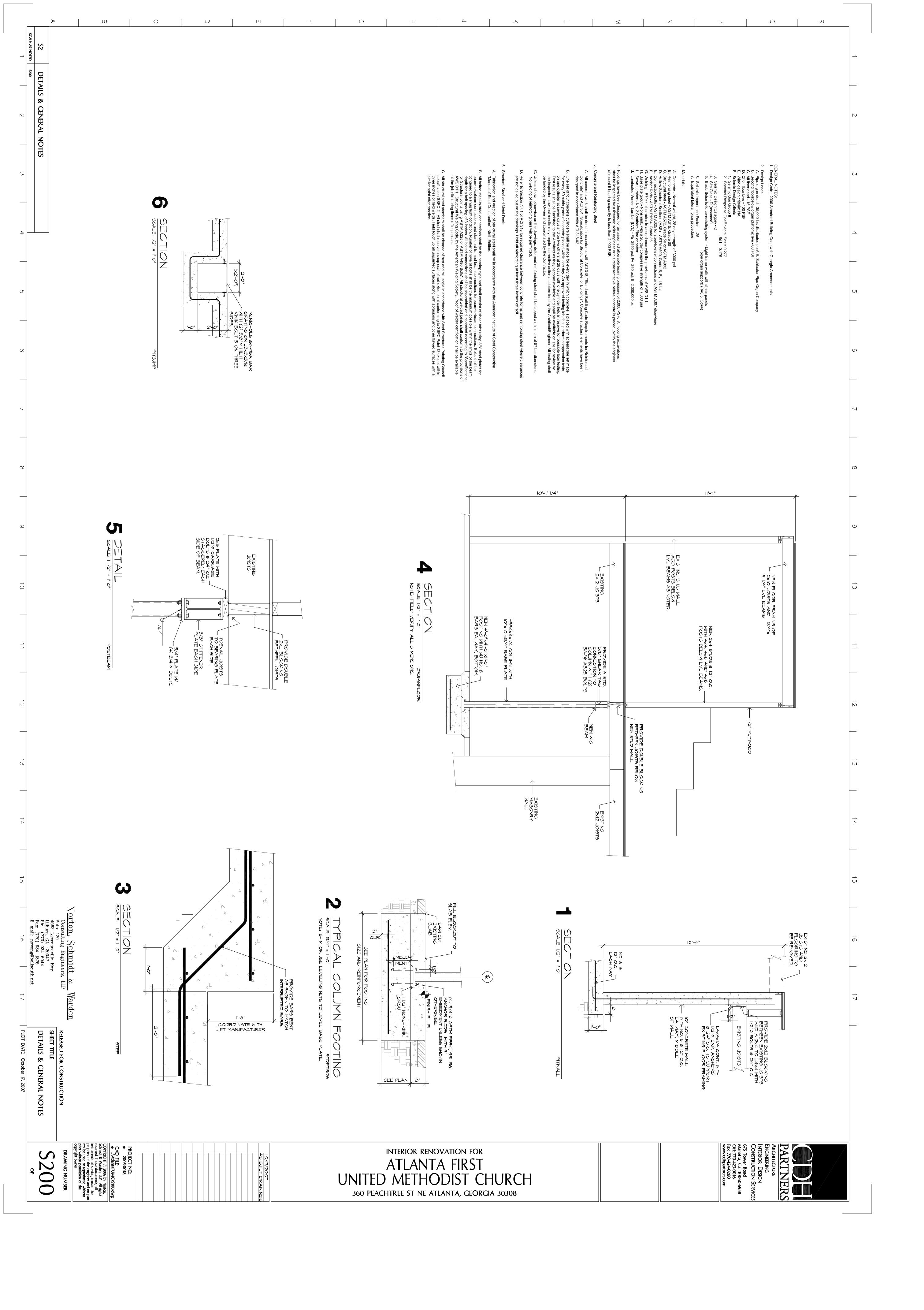


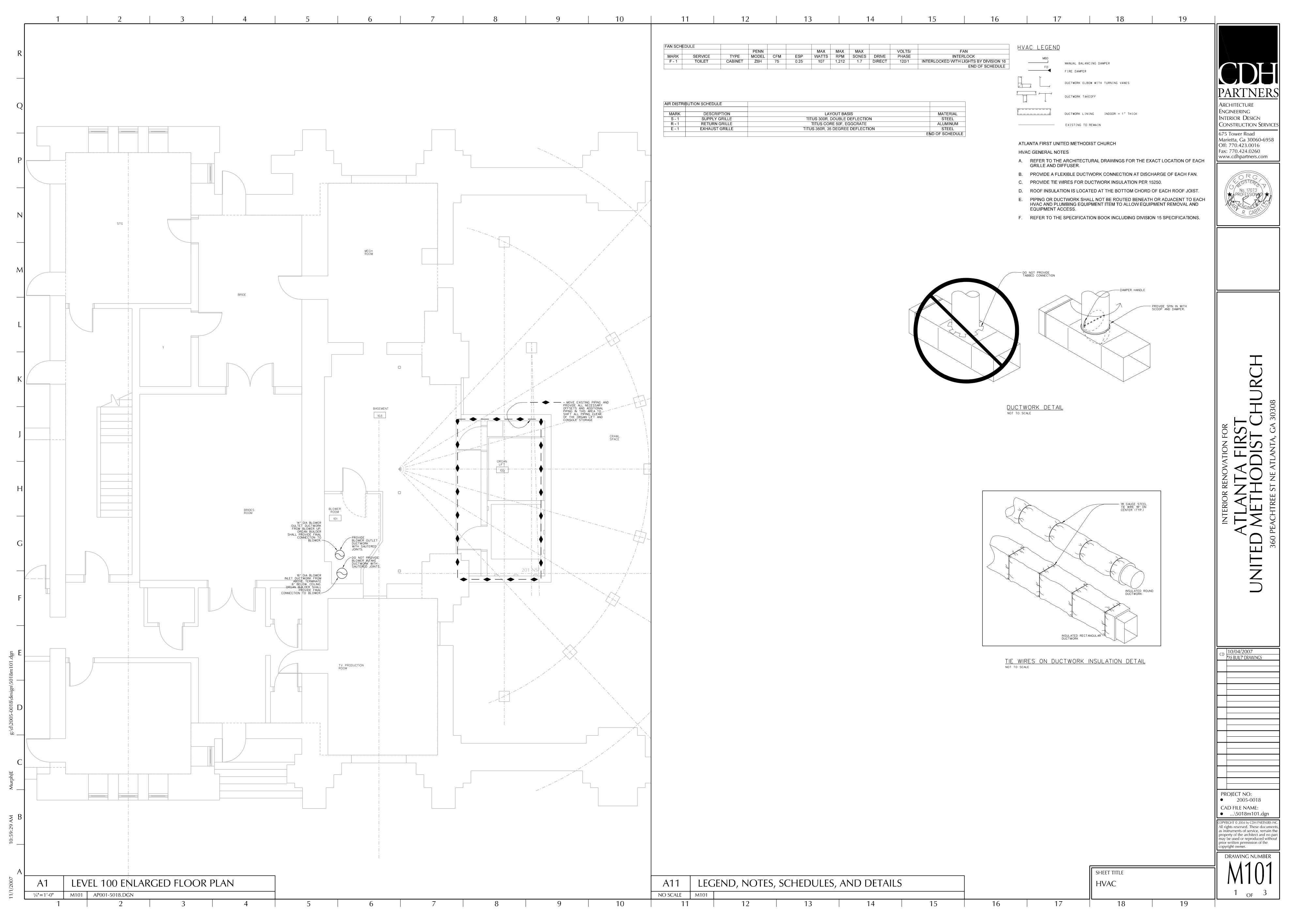


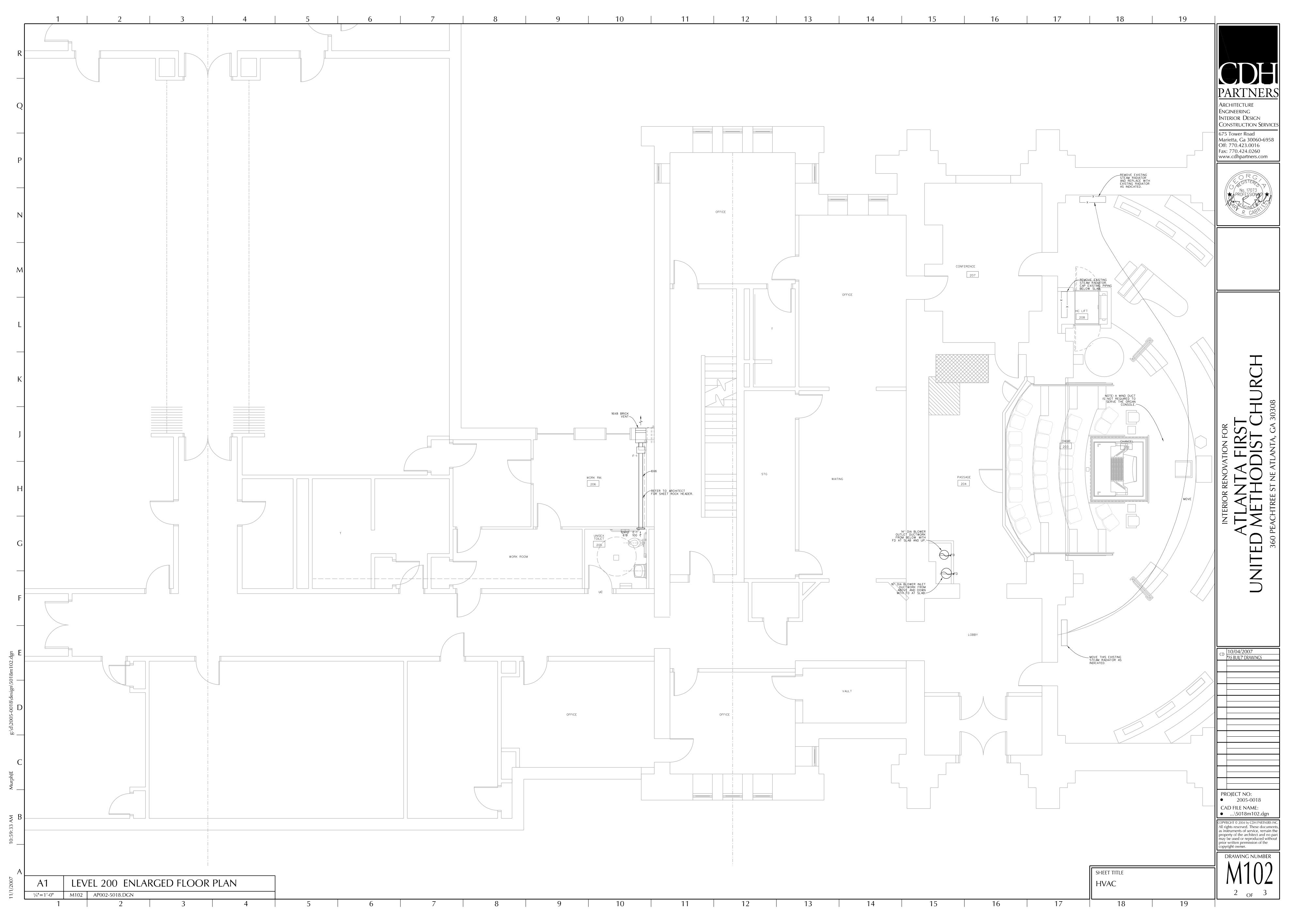


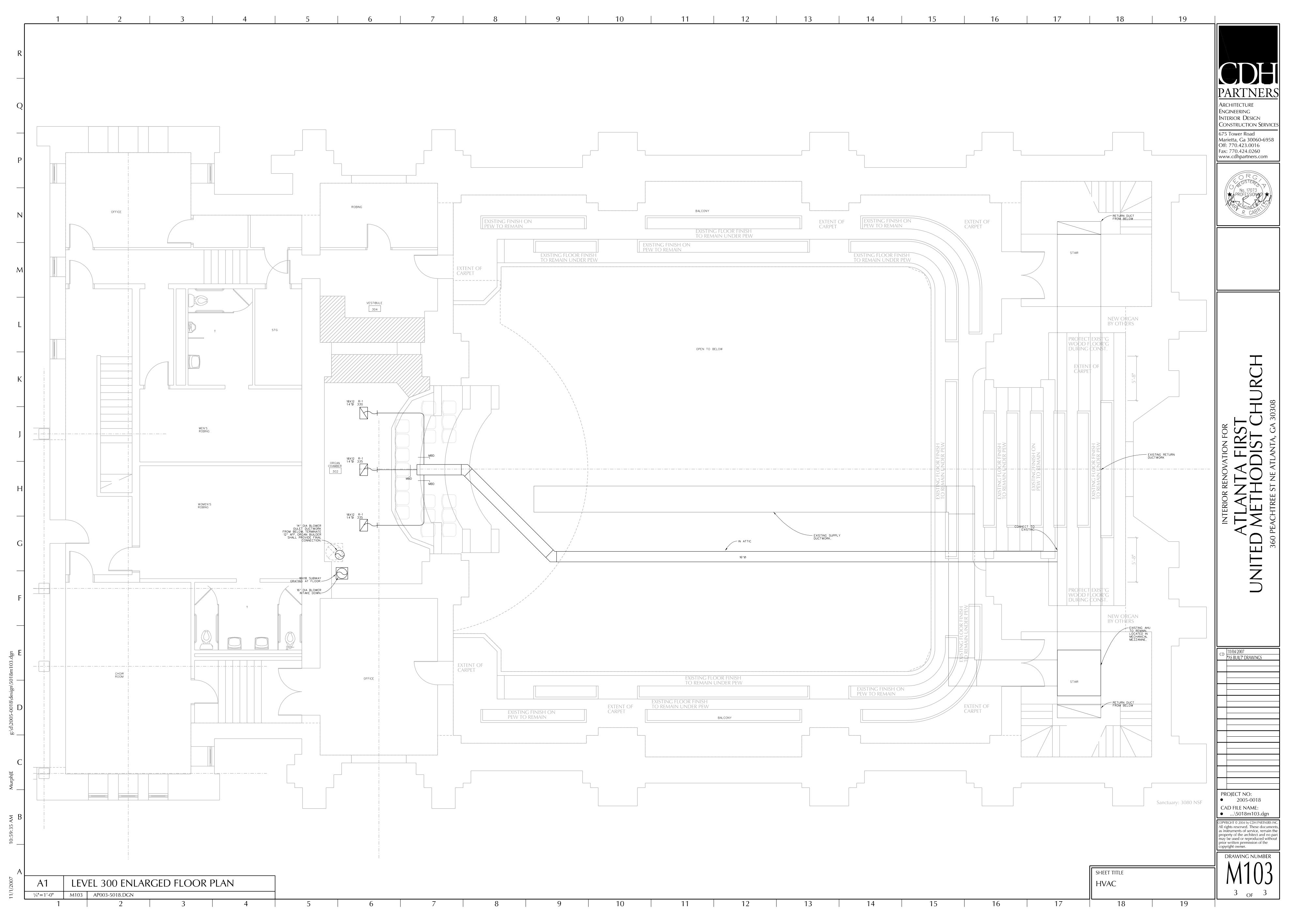


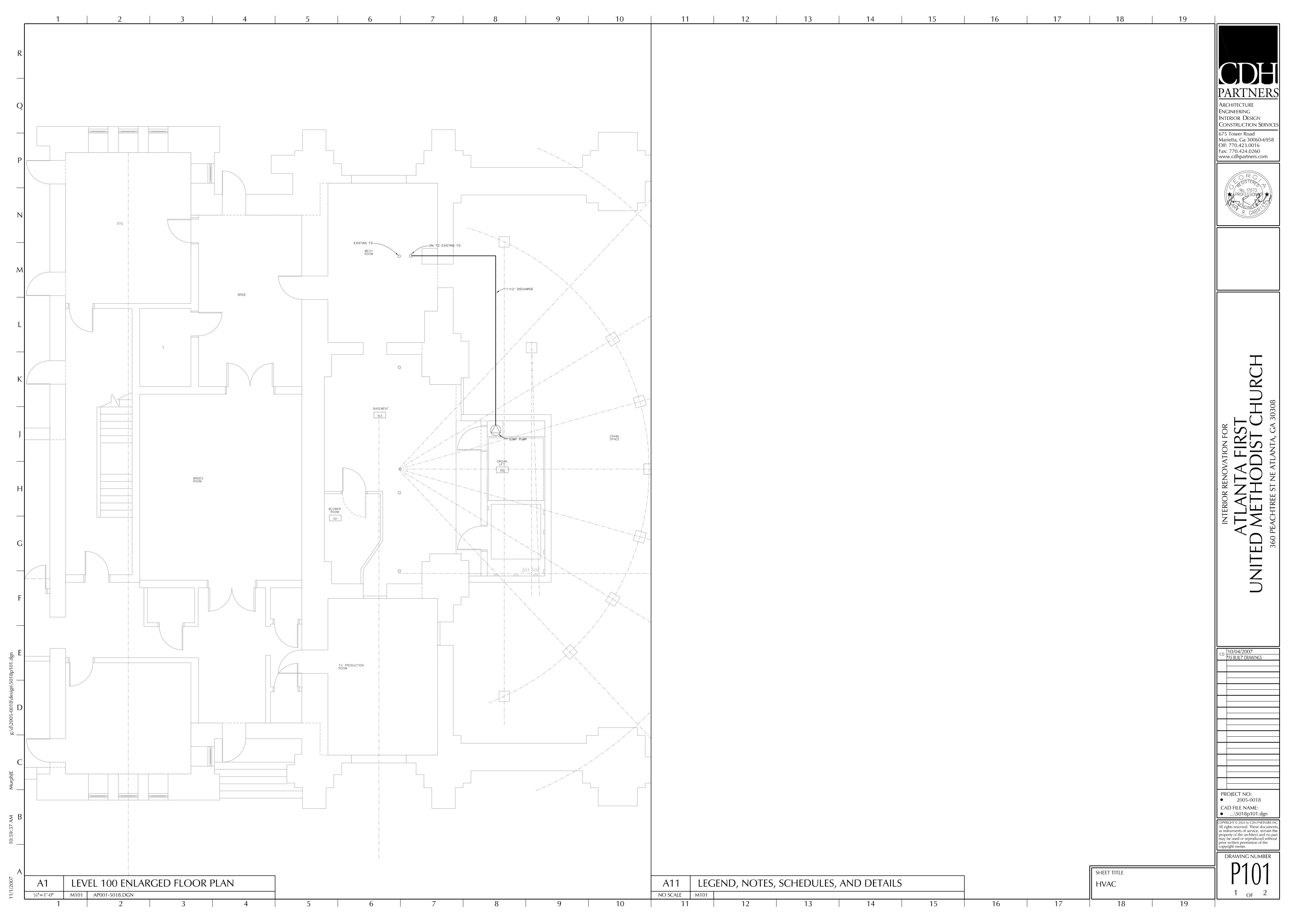


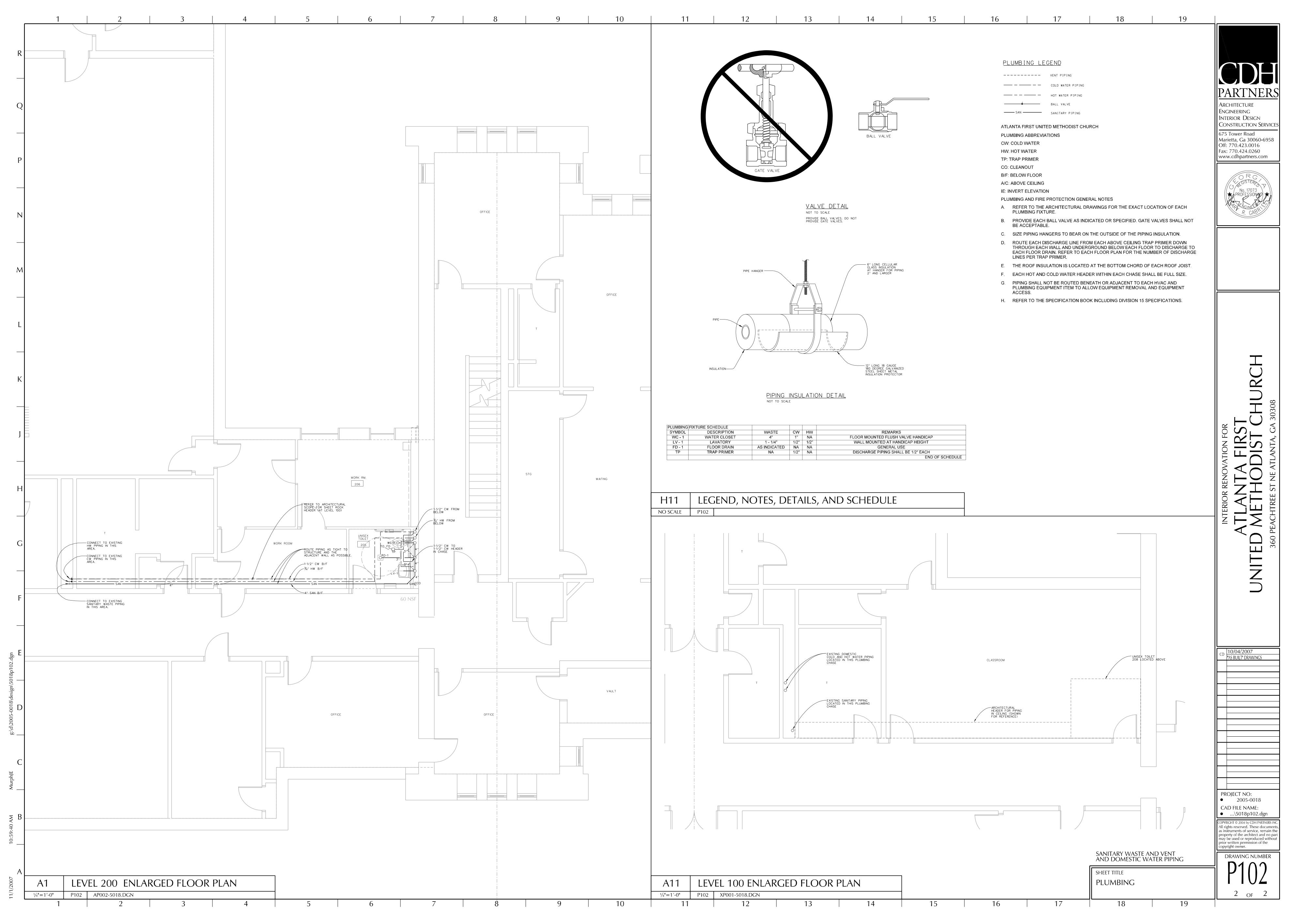












1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | SYMBOL AND ABBREVIATION LEGEND GENERAL ELECTRICAL RENOVATION NOTES GENERAL CONSTRUCTION NOTES (GENERAL NOTES APPLY TO ALL DRAWINGS AND SPECIFICATIONS) MOUNTING MOUNTING DESCRIPTION DESCRIPTION HEIGHT\* HEIGHT\* THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE WORK OF HIS TRADE WITH THAT OF THE OTHER TRADES ON THE JOB. R1. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR BIDDING ON THIS WORK TO VISIT THE SITE OF THE PROJECT Architecture CONFLICTS WITH OTHER TRADES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO INSTALLATION. WORK FLUORESCENT TROFFER, 2' X 2' PANELBOARD, 120/208V, SURFACE MOUNTED TO FAMILIARIZE HIMSELF WITH FIELD CONDITIONS WHICH MAY INHIBIT OR HINDER THE EXECUTION OF HIS WORK. HE SHALL Engineering SHOULD ALSO BE COORDINATED AROUND PORTABLE AND MOBILE EQUIPMENT FIELD VERIFY THE BRANCH CIRCUITS ASSOCIATED WITH THE DEMOLITION WORK. INVOLVED AND THE NEW WORK THAT SHALL BE INVOLVED WITH THE PORTION OF THE CIRCUITS TO BE DISCONNECTED WHILE MAINTAINING POWER TO OTHER PORTIONS OF THAT Interior Design THE ELECTRICAL CONTRACTOR SHALL SCHEDULE HIS WORK SO THAT THE CONSTRUCTION SCHEDULE IS MAINTAINED. FLUORESCENT STRIP W/ EMERGENCY BATTERY PACK CONDUIT INSTALLED BELOW SLAB OR UNDERGROUND SAME EXISTING CIRCUIT. SUBMITTAL OF BID SHALL INDICATE THAT A THOROUGH SITE SURVEY HAS BEEN PERFORMED AND THAT Construction Services THE ELECTRICAL CONTRACTOR SHALL REQUEST A COMPLETE SET OF THE MECHANICAL AND PLUMBING DRAWINGS TO THE WORK DESCRIBED CAN BE PERFORMED AS DESIGNED ON THIS DRAWING. IF A DESCREPANCY IS REALIZED AS A RESULT OF VERIFY CONNECTIONS TO THE EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE COORDINATION DRAWINGS PRIOR TO 675 Tower Road THIS E.C. SITE SURVEY, CONTACT THE PROJECT MANAGER FOR CLARIFICATION PRIOR TO SUBMITTING BID. SUBMITTAL OF SPST TOGGLE SWITCH, 20A/120/277V 44" AFF CONDUIT CONCEALED IN WALLS OR ABOVE CEILING INSTALLING ANY EQUIPMENT ABOVE CEILINGS AND IN MECHANICAL ROOMS. BID SHALL INDICATE THAT A THOROUGH SITE SURVEY HAS BEEN PERFORMED. NO FUTURE CHANGE ORDERS RELATED TO Marietta, Ga 30060-6958 THE ELECTRICAL CONTRACTOR SHALL BE ALLOWED TO ROUTE FEEDERS FROM SERVICE SWITCHBOARDS TO PANELBOARDS, UNKNOWN DIFFICULTIES OR UNANTICIPATED FIELD CONDITIONS WILL BE CONSIDERED. Off: 770.423.0016 HOMERUN WITH NUMBER AND SIZE OF CONDUCTORS AND 44" AFF 3-WAY TOGGLE SWITCH, 20A/120/277V BELOW SLAB INSIDE EACH BUILDING. HE SHALL KEEP AN ACCURATE SET OF AS-BUILT DRAWINGS INDICATING Fax: 770.424.0260 CONDUIT SIZE. HOMERUNS WITHOUT INDICATION ARE #12AWG R2. THE DEMOLITION WORK SHALL FOLLOW THE FOLLOWING GUIDELINES AS WELL AS THOSE INDICATED IN THE SPECIFICATIONS: DIMENSIONED LOCATIONS OF ALL FEEDERS ROUTED BELOW SLAB. www.cdhpartners.com DISCONNECT SWITCH GROUND FAULT CIRCUIT INTERRUPTER A. Make necessary modifications and adjustments to all electrical items and equipment, both new THE ELECTRICAL CONTRACTOR SHALL BE ALLOWED TO USE 1/2" MINIMUM ELECTRIC METALLIC TUBING (EMT) IN ALL AREAS. and existing as may be required by these alterations and additions. TYPE MC CABLE SHALL BE USED IN AREAS HIDDEN IN EXISTING WALLS AND ABOVE CEILINGS EXCEPT FOR HOMERUNS TO PANELBOARDS. ABOVE FINISHED FLOOR DUPLEX RECEPTACLE, 20A/ 125V 16" AFF ALL BRANCH CIRCUITS SHALL BE RUN OVERHEAD INSIDE BUILDINGS. UNDERGROUND OUTDOOR BRANCH CIRCUITS SHALL BE B. Disconnect at source and remove existing electrical materials and equipment, including but not RUN OVERHEAD TO AN EXTERIOR WALL THEN DOWN BEFORE LEAVING BUILDING UNDERGROUND. limited to lighting fixtures, wiring devices, signal equipment, conduit and wires, and all other ECTRIC METALLIC TUBING EMT 16" AFF QUADRAPLEX RECEPTACLE, 20A/ 125V THE ELECTRICAL CONTRACTOR SHALL BE ALLOWED TO RUN LOW VOLTAGE (UNDER 100V) CONDUCTORS AND COMMUNICATIONS electrical items which are rendered obsolete by these alterations and additions. These are the CABLE EXPOSED, BUNDLED, AND TIE WRAPPED BY USING PLENUM RATED CABLES. ALL DROPS TO DEVICES SHALL BE IN ACCORDANCE property of the owner and shall either be removed from the site or returned to owner's stock WITH NOTE 5 ABOVE. at the discretion of the owner. PVC | SCHEDULE 40 CONDUIT 3′-9" AFF DUPLEX RECEPTACLE ABOVE COUNTER, 20A/125V " AFF UNLES 8. THE ELECTRICAL CONTRACTOR SHALL UTILIZE THWN-2 CONDUCTORS IN ALL AREAS. Disconnect, remove, and relocate existing electrical materials and equipment, including but not GALVANIZED RIGID STEEL CONDUIT limited to lighting, fixtures, wiring devices, signal equipment, conduit and wires, and all other SPECIAL OUTLET AS NOTED ON DRAWINGS NOTED FLEXIBLE (TYPE MC) CABLE SHALL BE USED INCLUDING FLEXIBLE CONNECTIONS TO VIBRATING EQUIPMENT AND RECESSED electrical items which interfere or are interfered with, obstruct or are obstructed by these OTHERWISE LIGHTING FIXTURES IN LAY-IN TYPE CEILINGS. A GREEN GROUNDING CONDUCTOR SHALL BE INCLUDED WITH THE POWER alterations and additions. Permanently install such items in new locations as directed. CONDUCTORS INSIDE THE FLEXIBLE CONNECTION. 0 IUNCTION BOX FUSED DISCONNECT SWITCH, SIZE/POLES/FUSES D. Any equipment which is to be relocated and reconnected shall be carefully examined for any 10. RECESSED TYPE LIGHTING FIXTURES SHALL BE LOCATED AS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLAN. defects and tested for electrical continuity prior to relocation. Any defects or malfunctions NF NON-FUSED CONDUIT WITH TWO CONDUCTORS AND ONE GROUND 11. DUCT DETECTORS SHALL BE PROVIDED WHERE INDICATED ON THE SYSTEM DRAWINGS. DETECTORS SHALL BE FURNISHED UNDER detected shall be brought to the immediate attention of the Engineer. After the equipment DIVISION 16, INSTALLED BY THE CONTRACTOR RESPONSIBLE FOR THE HVAC WORK AND CONNECTED TO THE FIRE ALARM SYSTEM has been certified to be in good electro/mechanical condition, the equipment may be relocated and thoroughly cleaned and retested for electrical continuity. The Electrical Subcontractor shall MAIN LUGS ONLY CONDUIT WITH THREE CONDUCTORS AND ONE GROUND 12. ALL OUTDOOR UNDERGROUND BRANCH CIRCUITS SHALL BE INSTALLED LAST AFTER ALL OTHER UNDERGROUND UTILITY WORK IS bear all expenses for any equipment damaged in the process of reinstallation and relocations COMPLETE. and shall replace with new equipment or properly repair any damaged equipment to satisfaction CONDUIT WITH FOUR CONDUCTORS AND ONE GROUND MCB MAIN CIRCUIT BREAKER of the Engineer. 13. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL CEILING CONSTRUCTION BEFORE ORDERING LIGHTING FIXTURES AND SHALL PROVIDE CORRECT MOUNTING WITHOUT ADDITIONAL COST. LIGHTING FIXTURES SHALL BE AS SCHEDULED, INCLUDING LAMPS. It shall be the Electrical Subcontractor's responsibility to maintain the existing building in CONDUIT WITH FIVE CONDUCTORS AND ONE GROUND electrical operation at all times during the entire construction period. If it is absolutely necessary 14. ALL RECEPTACLES ON WALLS WHERE WINDOWS INHIBIT NORMAL INSTALLATION AT 16" AFF, SHALL BE MOUNTED AT A LESSER HEIGHT to shut down, the Electrical Subcontractor shall consult with the Owner and the Engineer to ABOVE FINISHED FLOOR OR HORIZONTALLY ORIENTED IN BASEBOARD. \*MOUNTING HEIGHTS ARE TO BOTTOM OF DEVICE. make arrangements to do so on Saturdays or off hour periods at the Owner's convenience. Prior 15. THE INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND LOCAL CODES. notice shall be given to the Owner and the Project Manager 48 hours in advance of the desired shut down time. Any premium or overtime costs necessary to accomplish the above shall be THE ELECTRICAL CONTRACTOR SHALL UTILZE 600V TYPE THWN-2 CONDUCTORS. CONDUCTORS SHALL BE STRANDED FOR SIZES #8AWG included in bid. AND LARGER, AND SOLID FOR SIZES #10AWG AND SMALLER. MINIMUM WIRE SIZE SHALL BE #12AWG FOR ALL CIRCUITS RATED AT 120V AND HIGHER. CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. F. Any electrical device not completely removed shall not be left without power. The contractor shall LIGHTING FIXTURE SCHEDULE THE ELECTRICAL CONTRACTOR SHALL FURNISH MATERIALS AND LABOR FOR A COMPLETE ELECTRICAL INSTALLATION AS INDICATED reconnect any device left without power due to this scope of work to the same size circuit(s) IN THESE DOCUMENTS. MATERIAL, APPARATUS, AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE UNDERWRITERS LABEL WHERE as previously served. 18. DISCONNECT SWITCHES SHALL BE HEAVY DUTY TYPE, AND FUSIBLE WHERE INDICATED. R3. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE ELECTRICAL WORK WITH OTHER DIVISIONS. FIXTURE DESIGNATION MANUFACTURER AND CATALOG NUMBER LAMPS PROVIDE OUTLET BOX FOR EACH LIGHTING FIXTURE, WIRING DEVICE OR JUNCTION POINT: BOXES SHALL BE SUFFICIENT CAPACITY PARTICULAR ATTENTION SHOULD BE PAID TO DIVISION 15. WORK SHOULD ALSO BE COORDINATED AROUND PORTABLE AND FOR THE NUMBER OF CONDUCTORS AND SPLICES WITHIN THE BOX IN ACCORDANCE WITH THE ELECTRICAL CODE. MOBILE EQUIPMENT. 20. DEVICE PLATES SHALL BE INSTALLED ON OUTLETS FOR ALL SWITCHES, RECEPTACLES, ETC. AND COLOR SHALL BE SELECTED BY ARCHITECT. LITHONIA CAT#SB232MVOLTGEB101S 2-FO32/735/ECO R4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING THE EXISTING PANELBOARD SCHEDULES TO REFLECT CHANGES, DELETIONS, WHERE MORE THAN ONE SWITCH IS INDICATED IN THE SAME LOCATION, SWITCHES SHALL BE GANGED UNDER A COMMON PLATE. AND ADDITIONS BY THE SCOPE OF THIS WORK. CHASE AND PATCH WALLS AS REQUIRED TO FACILITATE INSTALLATION OF FLUSH BOXES AND CONCEALED CONDUITS AS INDICATED. DAY-BRITE CAT#T232-UNV-1/2EB 2-FO32/735/ECO LITHONIA CAT#ELM2 INCL. EM(G)CONDUCTOR/CONDUIT SCHEDULE (100) 3 #1 & 1 #8 GND IN 1½" C. LITHONIA CAT#LHQMSW3R120/277H INCL. (200) 4 #3/0 & 1 #6 GND IN 2" C. **EMX** -NOTE 4 NOTES: BODINE CAT#B50 FLUOR EMERG BATTERY PACK N/A 1. BUS TAP THE SECONDARY SIDE OF THE EXISTING 1200 AMP MAIN DISTRIBUTION PANEL FOR FEED TO FUSED DISCONNECT **EMBP** PANEL 2. NEW 200 AMP FUSED DISCONNECT SWITCH, 3 POLES NEMA 1, 100A FUSED AT 200 AMPS. MOUNT SWITCH NEAR EXISTING MAIN MLO PANEL (FIELD COORDINATE). CONDUCTOR LENGTH SHALL NOT JUNO CAT#PL642EU-232C-WH 1-CF42W/735 EXCEED 10 FEET IN LENGTH. - NOTE 6 208/120V 3. PROVIDE INTEGRAL SURGE SUPPRESSION DEVICE IN PANEL FL DL INDICATED. 4. INSTALL PANEL IN BELL TOWER ON WALL ADJACENT TO ABANDONED **TOWER** MECHANICAL PUMPS. COORDINATE EXACT LOCATION WITH ENGINEER PRIOR TO INSTALLATION. 5. NEW ITEMS SHOWN IN BOLD. ITEMS TO REMAIN IN PLACE SHOWN AS SHADED FOR INFORMATION ONLY. 6. FAULT CURRENT AS CALCULATED BY ENGINEER. 0/04/2007 AS BUILT" DRAWINGS TV PRODUCTION ROOM 27,975 -NOTE 1 PANEL NOTE 6 - NOTE 2 M3 NOTE 5 — 100A MLO 200/3/70 Panel 14,569 1PH, 3W EXISTING 208/120V EXISTING TRANSFORMER 1200A EXISTING METER — 225A (TO REMAIN)— MLO NOTE 6 208/120V 3PH, 4W NOTE 3 208/120V 25,815 KEY PLAN 200 200 EXISTING LOADS PROJECT NO: to remain • 2005-0018 CAD FILE NAME: • ...\5018e001.dgn Il rights reserved. These documen as instruments of service, remain th roperty of the architect and no pa nay be used or reproduced withou orior written permission of the opyright owner. DRAWING NUMBER ELECTRICAL SYSTEM RISER DIAGRAM LEGEND, ONE-LINE, SCHEDULES AND NOTES NTS

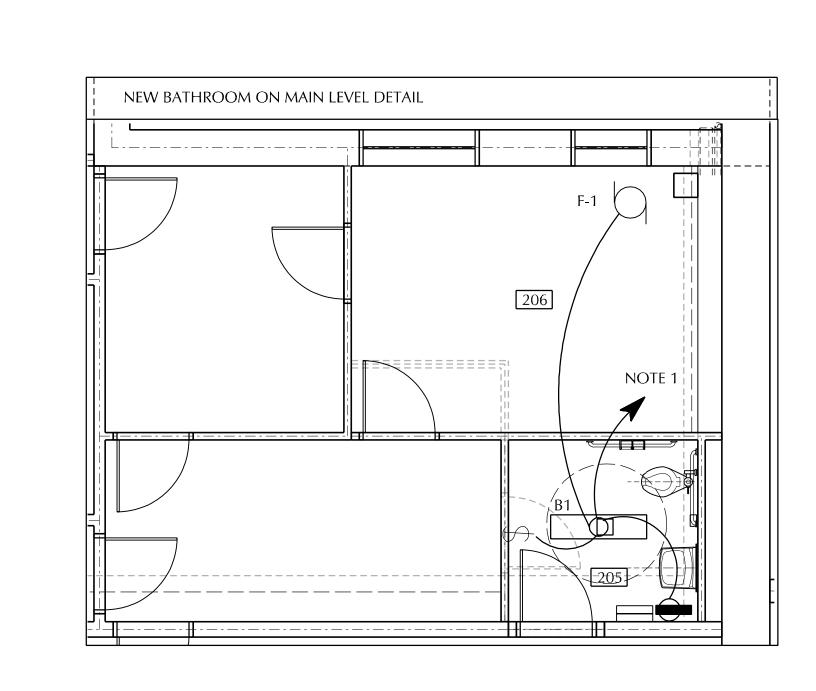
P	anel nam	LOCATION:		VOLTAGE: 208 Y/ 120				Y/ 120V	3 PHAS	E	MOUNTING / ENCLOSURE:	SURFACE		NEMA 1
	M1		BLOWER ROOM				225A	MLO						
MPS	POLES	TYPE	CIRCUIT DESCRIPTION	KVA	CKT	А	В	С	CKT	KVA	CIRCUIT DESCRIPTION	TYPE	POLES	AMPS
100	2		100-AMP SUB-PANEL M2	2.00	1	4.90			2	2.90				
	_		10074111 305174 (2217)2	2.00	3		4.90		4	2.90	LARGE BLOWER 7.5 HP	M	3	50
20	1	R	SPARE		5			2.90	6	2.90				
20	1	R	RECEPT AV	0.18	7	0.74			8	0.56	CONSOLE CIRCUIT NO.1	R	1	20
20	1	R	RECEPT FRONT ORGAN	0.18	9		1.68		10	1.50	BALCONY BLOWER NO.2	M	2	30
20	1	R	RECEPT FRONT ORGAN	0.18	11			1.68	12	1.50	BACCOTT BEOWER 110.2	M	2	30
20	1	R	RECEPT FRONT ORGAN	0.18	13	0.36			14	0.18	RECEPT AV	R	1	20
20	1	R	RECEPT FRONT ORGAN	0.18	15		0.36		16	0.18	RECEPT REAR ORGAN	R	1	20
20	1	R	RECEPT FRONT ORGAN	0.18	17			0.36	18	0.18	recept rear organ	R	1	20
20	1	R	RECEPT FRONT ORGAN	0.18	19	0.36			20	0.18	RECEPT AV	R	1	20
20	1	R	RECEPT FRONT ORGAN	0.18	21		0.36		22	0.18	recept rear organ		1	20
20	1	R	LIGHTING ORGAN	0.18	23			0.36	24	0.18	recept rear organ	L	1	20
20	1	R	LIGHTING BALCONY ORG.	1.54	25	1.72			26	0.18	RECEPT AV	R	1	20
20	1	R	WHEEL CHAIR LIFT	0.18	27		0.36		28	0.18	CONSOLE CIRCUIT NO.2	R	1	20
20	1	R	CHANCEL FLR BOX SPLIT	0.72	29			0.82	30	0.10	CONSOLE STORAGE LIGHT	L	1	20
20	1	R	RECEPT DBL QUAD	0.72	31	1.08			32	0.36	RECEPT AV	R	1	20
00	2	R	100-AMP SUB-PANEL M3	9.50	33		10.22		34	0.72	CHANCEL FLR BOX	R	1	20
00	2	R	TOU-AIVIF SOB-FAINEL IVIS	7.60	35			8.32	36	0.72	RECEPTS-PASSAGE ROOM	R	1	20
		М		1.50	37	1.60			38	0.10				
20	3	M	ORGAN LIFT	1.50	39		1.60		40	0.10	SURGE SUPPRESSOR		3	30
		Μ		1.50	41			1.60	42	0.10				
CR TYPE	BREAKER				PHAS	10.8	19.5	16.0	KVA					
ROUND	FAULT CIR	cuit inter	RUPTER BREAKER								TOTAL CONNECTED LOAD	46	KVA	128 A
RC FAU	LT CIRCUIT	INTERRUP	TER BREAKER								TOTAL DEMAND LOAD	42	KVA	116 A

1	PANEL NAME LOCATION:			VOLTAGE: 120 / 208 V SINGLE PHASE						MOUNTING / ENCLOSURE: SURFACE / N				
	M2		BELL TOWER				100 ML	O			AVAIL. FAULT CURRE	NT:		
											SHORT CIRCUIT RATIN	ngexisting		
AMPS	POLES	TYPE	CIRCUIT DESCRIPTION	KVA	CKT	А		В	CKT	KVA	CIRCUIT DESCRIPTION	TYPE	POLES	AMPS
20	1	М	CHANDELIER WINCH	1.00	1	2.00			2	1.00	CHANDELIER WINCH	М	1	20
20	1	М	CHANDELIER WINCH	1.00	3			2.00	4	1.00	CHANDELIER WINCH	М	1	20
20	1		SPARE	0.00	5				6	0.00	SPARE	R	1	20
20	1		SPARE	0.00	7				8	0.00	SPARE	R	1	20
HACR TYP	E BREAKER			·	PHAS	2.0		2.0	KVA					
* Groune	D FAULT CIR	cuit inter	RUPTER BREAKER								TOTAL CONNECTED LOAD		1 KVA	17 A
** ARC FAU	JLT CIRCUIT	INTERRUP	TER BREAKER								TOTAL DEMAND LOAD	7	7 KVA	27 A

										ONNECT OTE 1)			
				1									
VOLTAGE	PHASE	HP	KW	KW / POLE	FLA MCA MOCP	BREAKER AMPACITY	PANEL	FEEDER	SIZE	POLES	FUSE SIZE E	enclosure	CONTROL
120	1	0.07		0.36	0.0	20	EXISTING 2	# 12 ,1# 12 G 1/2 "C.	30	1	NF	NEMA 1	INTERLOCK WITH LIGHTS (NOTE 1
<u>-</u> -					POLE	POLE	POLE AMPACITY	POLE AMPACITY	POLE AMPACITY	POLE AMPACITY	POLE AMPACITY	TOLE //WIT/CITI	TOLE /WIT/CITT

1. REFER TO DETAIL F6 ON DRAWING E001 FOR FAN CONNECTION DETAIL.

F	PANEL NAM	1E	LOCATION:			VOLTAGE:	120	/ 208 V	SINGLE	PHASE	MOUNTING / ENCL	OSURE: SURFACE	/	NEMA 1
M3 TV PRODUCTION					100 MLC	)		AVAIL. FAULT CURRENT:						
											SHORT CIRCUIT RA	ATINGEXISTING		
AMPS	POLES	TYPE	CIRCUIT DESCRIPTION	KVA	CKT	А		В	CKT	KVA	CIRCUIT DESCRIPTION	TYPE	POLES	AMPS
20	2	R	DECEDES LIVAS	1.90	1	1.90			2		SPACE			
20	2	R	RECEPTS HVAC	1.90	3			3.80	4	1.90	RECEPTS	R	1	20
20	1	R	RECEPTS	1.90	5	1.90			6		SPACE			
20	1		SPARE		7			1.90	8	1.90	RECEPTS	R	1	20
20	1	R	RECEPTS	1.90	9	1.90			10		SPACE			
			SPACE		11			1.90	12	1.90	RECEPTS	R	1	20
20	1	R	RECEPTS	1.90	13	1.90			14		SPACE			
			SPACE		15				16		SPACE			
20	1	R	RECEPTS	1.90	17	1.90			18		SPACE			
			SPACE		19				20		SPACE			
				•	PHAS	9.5		7.6	KVA				1	
					'			1			TOTAL CONNECTED LOAD	17	KVA	71 A
											TOTAL DEMAND LOAD	14	KVA	56 A



NOTES:

CONNECT TO EXISTING LIGHTING CIRCUIT LEFT OVER FROM DEMOLITION OF STORAGE SPACE. EXHAUST FAN TO BE CONTROLLED BY LIGHT SWITCH.

ALL AUDIO / VISUAL CIRCUITS NEED TO HAVE A DEDICATED NEUTRAL AND HAVE THE SAME PHASE. COORDINATE WITH AUDIO / VISUAL CONTRACTOR BEFORE LANDING HOMERUN CONDUCTORS TO INSURE EACH CIRCUIT IS ON THE SAME PHASE IN PANEL M1.

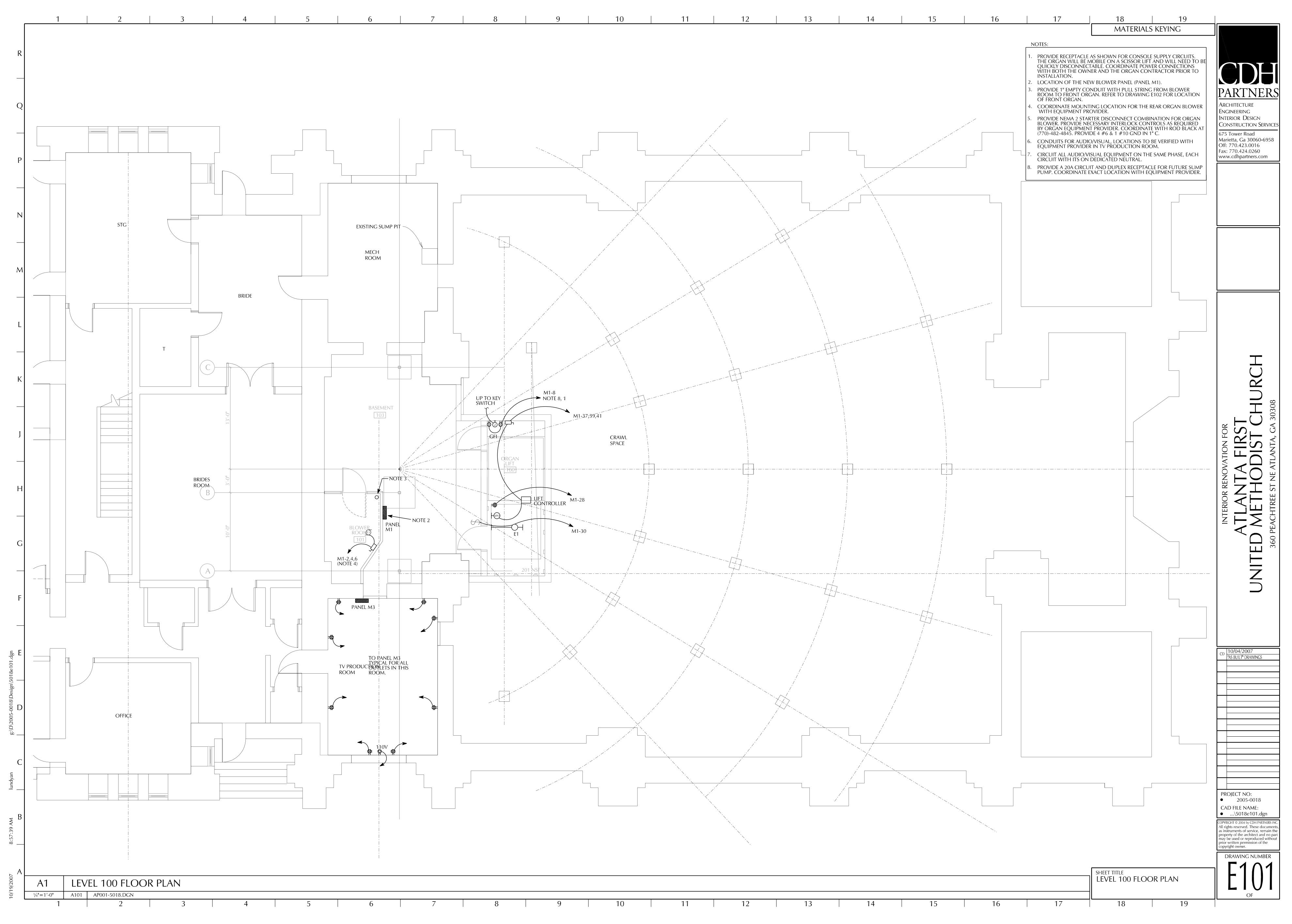
Architecture Engineering Interior Design CONSTRUCTION SERVICES 675 Tower Road Marietta, Ga 30060-6958 Off: 770.423.0016

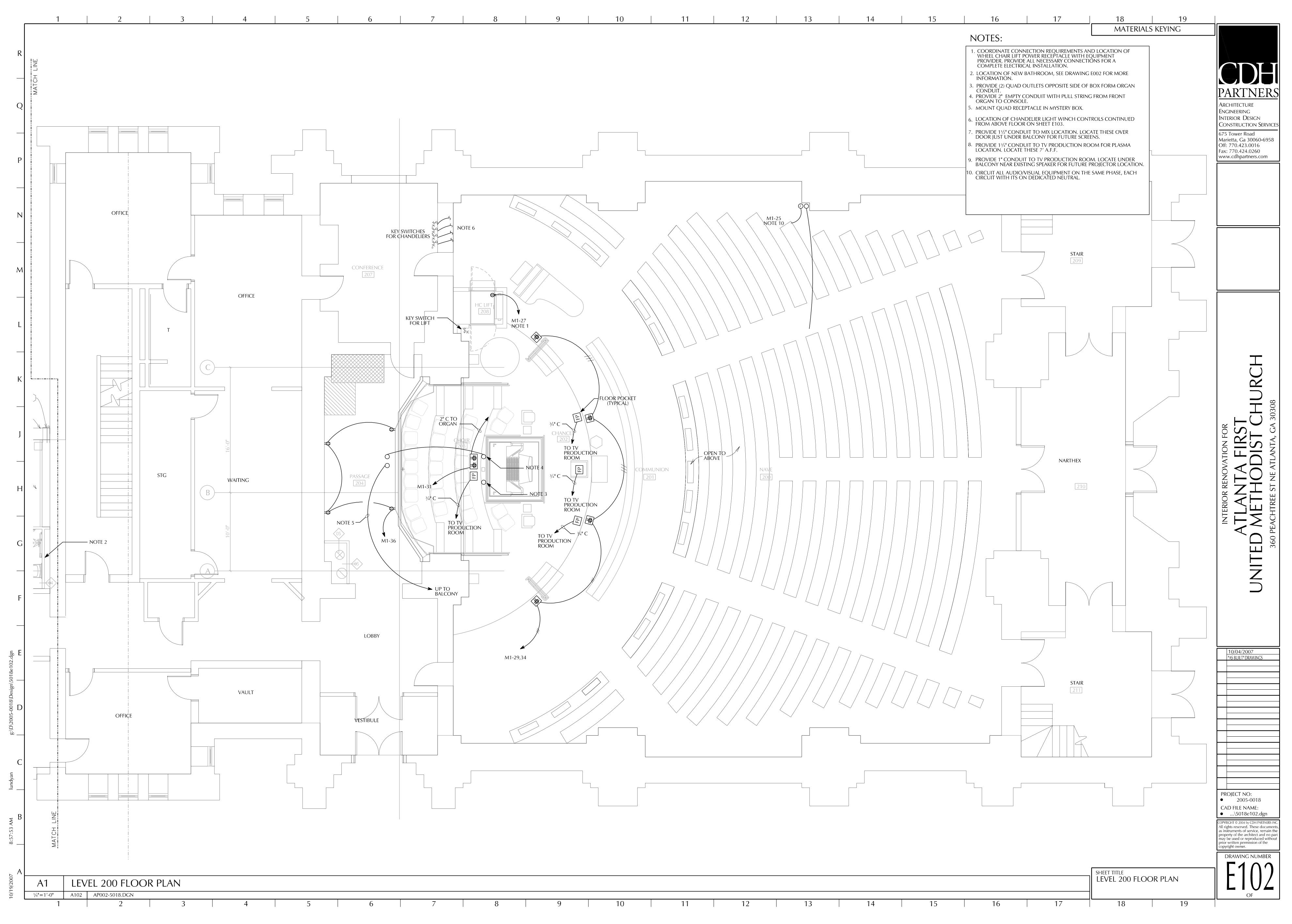
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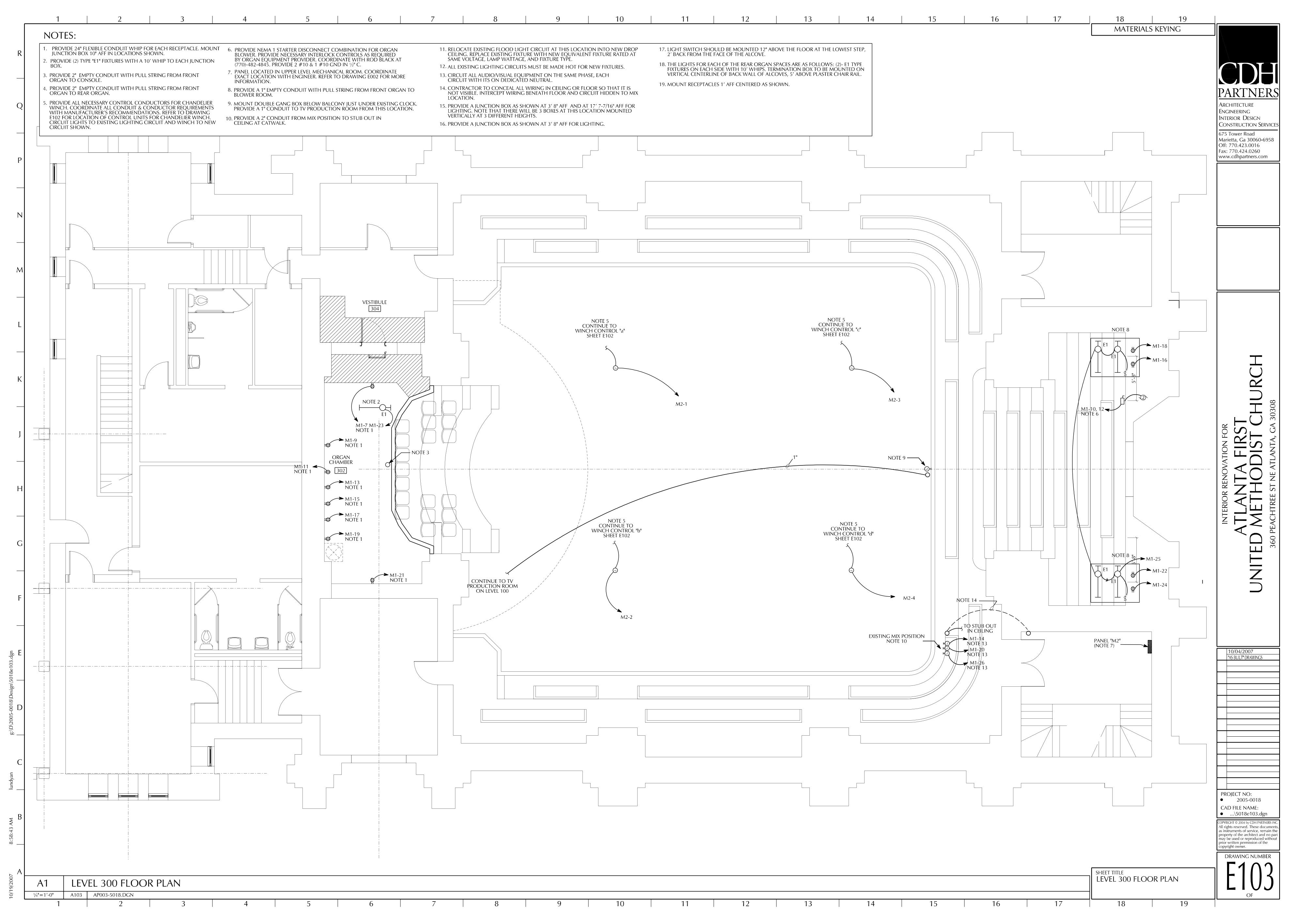
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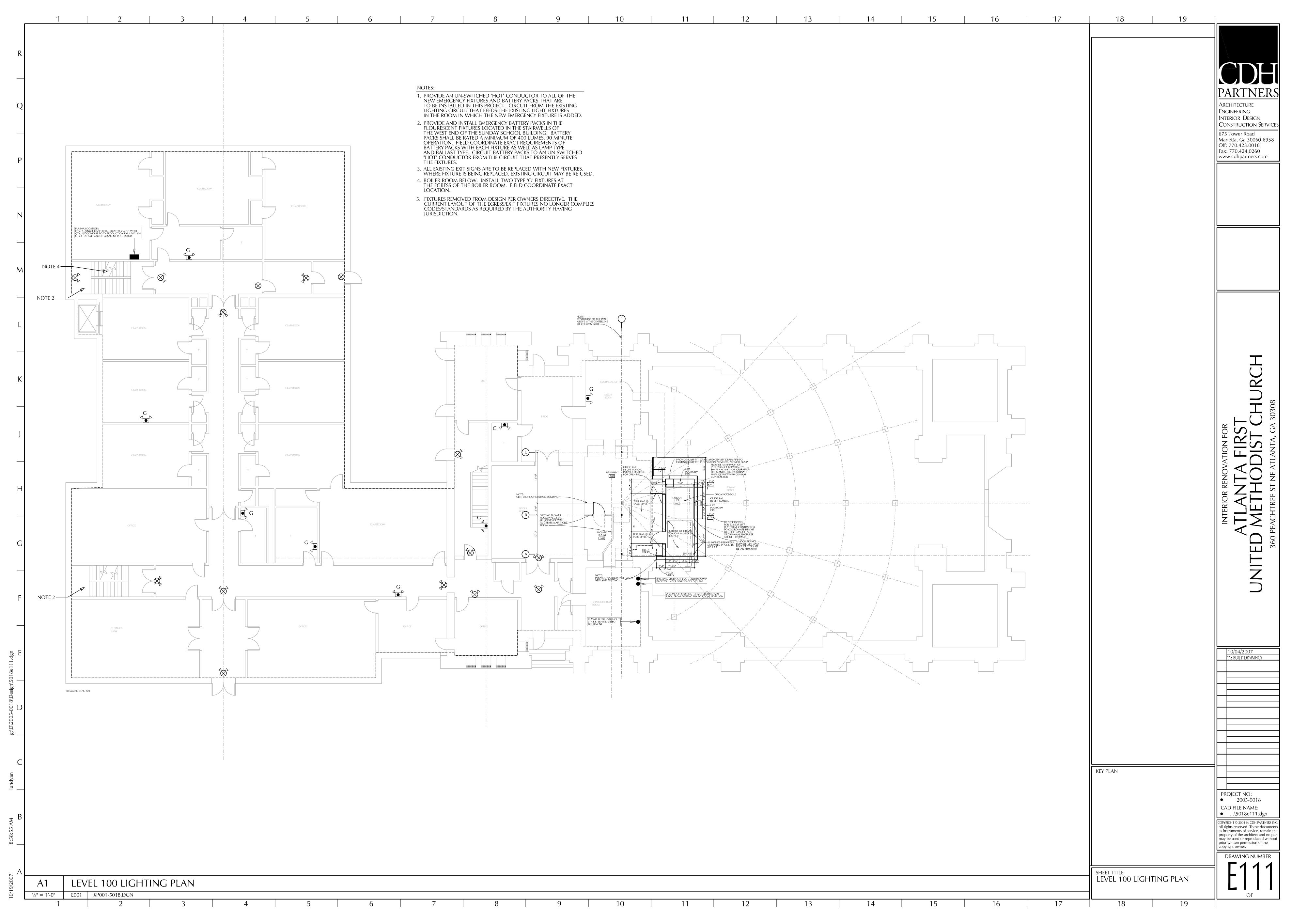
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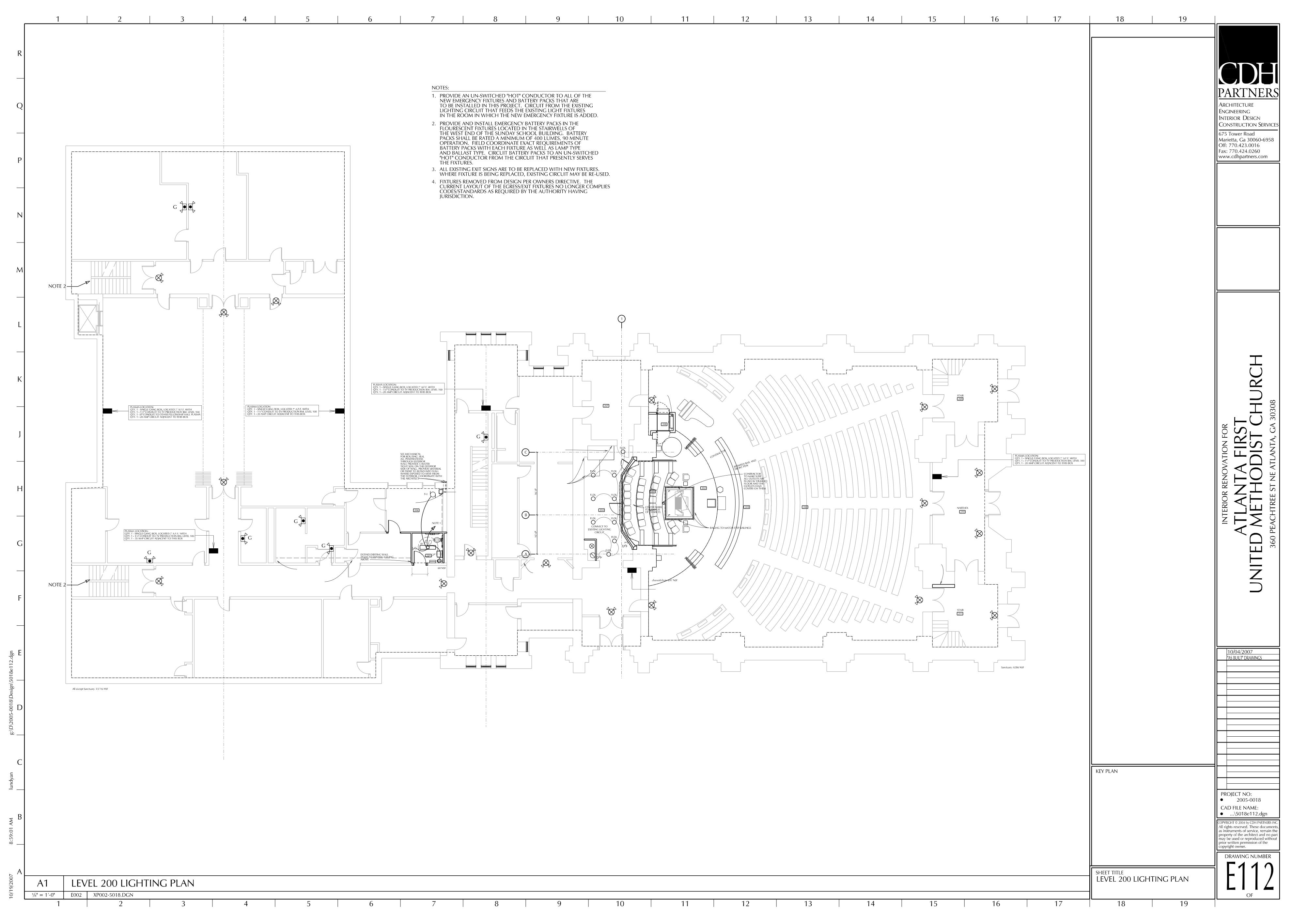
SHEET TITLE
PANEL SCHEDULE
BATHROOM DETAIL

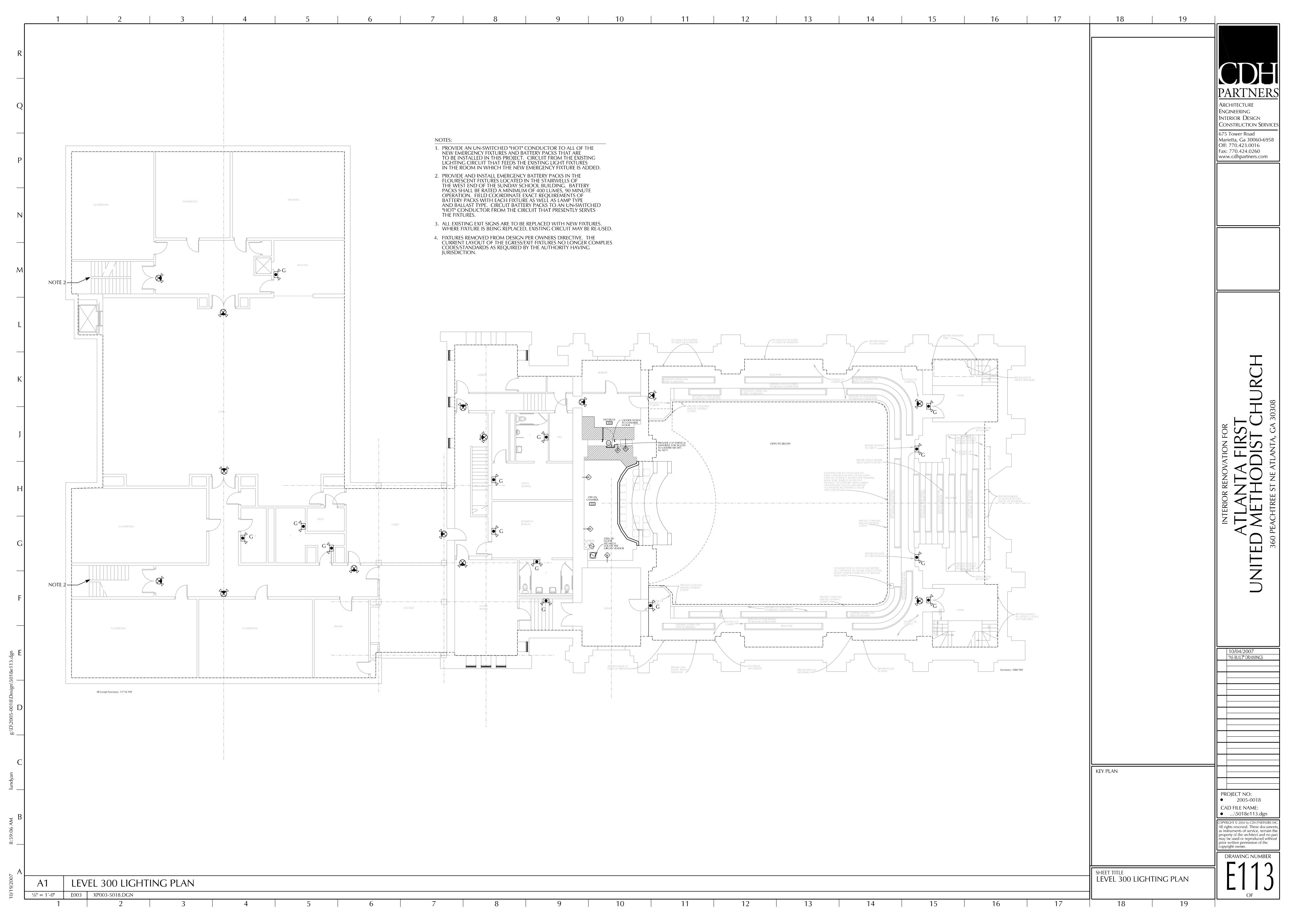














**Letter of Transmittal** 

Date:	Tuesd	lay, December 11, 2007		Copies To:	File
То:	360 P Atlant (404)	Colly Ta FUMC Peachtree St Ne Ta, GA 30308-3235 524-6614 FAX: (404) 521-33 Jy@comcast.net	709		
By: Re:	Ken B Atlant	lass a First UMC-chancel renovatio	on	Direct: Project #:	678.784.3411 2005-0018
Transm	nitted H	erewith: Shop Drawings Specifications Drawings Report		Copy Of Letter Change Order Contract Electronic Files	☐ Invoice ☐ Pay Request ☐ Product Literature ☐
Disposi	ition:	For Approval No Exceptions Taken Exceptions Noted Resubmit		For Signature For Your Use For Review And Comment	☐ For Payment ☐ As You Requested ☐ Per Transmitted Items
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