

ADDENDUM NO. ONE

January 9, 2017

Sanctuary & Classroom Addition
THE CARPENTER'S CHRISTIAN CHURCH
Harrodsburg, Kentucky

This Addendum Number One forms a part of the Contract Documents and modifies the original Contract Documents. Acknowledge receipt of the addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

1. A Bid Bond of 5% of the bid sum will be required from each general contractor submitting a bid.
2. Regarding "Instructions To Bidders", Item #1: A bid breakdown will NOT be required to be submitted with the bid. This breakdown will be required of the successful bidder to whom the contract is awarded as a part of the pay application process.
3. Regarding Aluminum Window/Door manufacturers: Manko Window/Door Systems is an acceptable manufacturer provided it meets all the requirements of the Kawneer 451-T System specified.
4. The existing playground fence and equipment will be removed and re-installed by the church. General contractors are not required to include any of this work in their bids.
5. Regarding the sanitary system grinder pumps specified: The General Contractor shall re-use the existing grinder pumps and controls, rather than install new ones, as they are fairly new. A new pit assembly will be required with the necessary piping and venting in the new location indicated on the drawings. The existing grinder pumps and pit shall remain in service until such time that is necessary to complete the plumbing connections to the new pit. Grinder pump sanitary service to the church shall be maintained throughout construction.
6. Regarding "Snow Gems" specified for roof ice guard protection: A "Snow Bar" type device installation is acceptable provided it is more economical than the "Snow Gems" or an equivalent, specified.
7. All wood utilized in the building, to include the sanctuary platform sheathing, shall be fire retardant treated wood per KBC.
8. Regarding Pre-engineered Building Specifications: Butler Building Systems are approved, to include the "VSR Roof System" provided the roof and wall panels will match those of the existing building in color and panel configuration. General Contractors shall verify color matches prior to bidding their respective building systems.
9. Regarding the fenced playground area on drawings A-2, beside the entrance canopy: The fence shall be a 4'-0" high chain link fence similar to the existing fence being relocated by the church. Posts shall be set in concrete and a 4'-0" wide gate shall be provided with a standard gate catch. No fencing shall be provided around existing or new condensing units.
10. Any condensing units that conflict with new construction shall be relocated clear of the new construction, but as close to its original location as possible, without hindering egress/access to the building entrances.

11. Regarding Hardware Specifications: Best Locks are an acceptable substitution provided the look and finish are similar to the existing building locksets, and can be keyed to work with the church's existing master key system. Precision Exit Devices are an acceptable substitution for the exist devices specified. Stanley Closers are an acceptable substitution for the closers specified.
12. Please see attached electrical drawing "E-2" for clarifications of ceiling grid locations in the areas of "Exit 123", "Hallway 124", "Hallway 125", "Exit 126". Note any light fixture changes as a result of adding the suspended acoustical ceilings in these areas on drawing "E-1".
13. Please note the removal of the ceiling grid at the area under the "A/V Mezzanine" in the Foyer at the entrance doors to the "Worship" area. Per Section "A/A-9 the ceiling is gypsum board on metal furring with recessed light fixtures.
14. Regarding "Steeple" specification. There is no new steeple. The existing steeple is to remain.
15. Regarding door finishes: Doors may be either pre-finished at the factory or field finished, whichever is the most economical. It is desired that the stain color (if any) match existing doors.
16. Regarding Storm Detention Basin: The basin is existing and there is no earth work for storm water management required.
17. Please see attached drawing for clarification of curb and sidewalk limitations.
18. Regarding painting of the exposed structure: Paint any exposed structure on drawing A-2, in the Worship Area and Foyer to match the "Simple-Saver" type insulation. On drawing A-1, Paint black exposed structure and wall areas, from the bottom of the beam flanges up to the underside of the floor deck in the "Children's Worship Area", such that a straight line from the bottom of the lowest beam flange to the underside of the floor deck above is all black.
19. Regarding the Elevator Specification: Provide 2100 pound capacity, holeless, oildraulic, elevator as described in "Elevator Section" on Drawing A-10. In addition, elevator exterior door frames and doors shall be factory painted with the color as selected by the church's representative from the manufacturer's standard colors. The elevator cab interior shall have the control wall and interior side of the doors as stainless steel. The cab walls shall be plastic laminate as selected by the church's representative, from the manufacturer's standard colors. The ceiling shall be standard white egg crate with the manufacturer's standard lighting fixture(s). Pad hooks and pads shall be provided as a part of the package. The floor finish shall carpet as used elsewhere in the building, as selected by the church's representative
20. Regarding "Elevator Section" on Drawing A-10: top of masonry and locations of elevator shaft beams and hoistway beam shall be as indicated on "H/S-15" and the framing plan on "S-4".
21. Regarding Specification Section 9G: All vinyl floors specified shall be sheet vinyl similar to Congoleum "Prelude", or an approved equivalent, in 12' roll widths where spaces are wider than 6'. Sheet vinyl floor shall be installed per manufacturer's installation instructions and shall have a minimum 5 year warranty.

22. As a result of the KBC plan review, it has been determined that the existing building, to include porch canopy, must be fire suppressed. The General Contractor shall include in his bid the cost of this additional fire suppression requirement and any patching, painting and repairs as a result of this work. Fire suppression piping and heads shall be installed above the existing suspended acoustical ceilings.
23. Excess soil may be wasted on-site at the direction of the church's representative.
24. Please see attached, revised C-I drawing indicating additional pavement required, per the Vantage Engineering survey. This additional paving will be as previously specified.
25. Regarding hollow metal doors and frames and wood doors: Metal Products Group is an acceptable manufacturer for metal doors and frames, and Oshkosh Door Company is an acceptable manufacturer for solid core wood doors for the project provided each meets the specifications.
26. Armstrong Fissured lay-in ceiling panels are an acceptable suspended acoustical ceiling panel system, installed per manufacturer's instructions, and per KBC.
27. Please see attached E-8 and MP-R drawings for remodeling work required in the existing building classroom and office areas.

END OF ADDENDUM

Addendum

Sheet E-1

- Light Fixture LF-7 in the main stairwell shall be equipped with emergency batter (LF-7E).
- Adult Classroom adjacent to stairwell – move light switch next to door.
- Revise the Light Fixture Schedule as follows:
 - LF-9 – Contractor to match fixture on existing building.
 - LF-10 – Contractor to match fixtures exiting building
 - LF-11 – LED Wall Sconce; Designers Fountain LED15011 or similar.

Sheet E-2

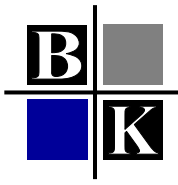
- Light Fixture LF-7 in the main stairwell shall be equipped with emergency batter (LF-7E). At top of stairs and on main level.
- Ceiling below A/V Mezzanine is gyp board, not ceiling tile. Install recessed can lights for mounting to drywall ceiling.
- Change exterior light fixture LF-7 at stage exit doors (top-left and bottom-left of the page) to LF-8 (exterior Wall Pack)
- Light fixtures in back of stage shall be mounted in ceiling grid.

Sheet E-3

- Panel "A" shall be located adjacent to the MDP.
- Provide Circuit from MDP to Elevator, Provide disconnect switch with auxiliary contacts. Coordinate full electrical requirements with elevator manufacturer.

Sheet E-4

- Note: The receptacle at the baptistery is controlled via a switch at the sound booth.



BROWN + KUBICAN

STRUCTURAL ENGINEERS PSC

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S. Craig Brown, PE
Dan Kubican, PE

01/06/2017

Tom Cruze
Architecture Etc.
629 Poplar Springs Lane
Lexington, KY 40515

Re: Addendum No.1
The Carpenter's Christian Church
Harrodsburg, KY
BK Project No: 16069.01

Tom,

Please issue the following changes and clarifications to the structural drawings and specifications as part of Addendum No.1. The addendum includes the following written description:

1. Sheet S-1.

a. Change Note 3B under Pre-Engineered Steel Building Construction to:

B. COLLATERAL DEAD LOAD OF 8 PSF (INCLUDES WEIGHT FOR SPRINKLER SYSTEM TO BE SUPPORTED BY PEMB STRUCTURE)

2. Specification 133419.

a. Change note 1.4E to:

E. Snow loads shall be in accordance with chapter 16 of the 2013 Kentucky Building Code, chapter 7 of ASCE 7-10 Minimum Design Loads for Buildings and Other Structures, and the following:

- 1. Importance factor: 1.1*
- 2. Exposure factor: 0.9*
- 3. Thermal factor: 1.0*
- 4. Ground snow load: 15 psf*

b. Change note 1.4G to:

G. Dead loads shall include the self-weight of the pre-engineered building components, any roof supported mechanical equipment, and a collateral dead load of 8 psf for dead load imposed by ceilings, lights, mechanical ductwork, sprinkler system, etc.

Below is a list of questions we have received from bidders to date with our respective answers.

1. Question: Building code data calls for Occupancy Category III but a Snow Importance Factor of 1.2. Generally the Snow importance is 1.1 for a Category III building. Please confirm which one to use.
Answer: The snow importance factor is listed as 1.1 on drawing S-0. See the written description above for information about changes to the snow load information in the specification.
2. Question: Is live load reduction allowed on the frames?
Answer: Reduction of roof live loads are not permitted per Note 1.4F in Specification 133419.
3. Question: The specification call for a 6PSF collateral. Please confirm that no other vertical loads are applied to the frames or purlins.
Answer: See the written description above for information about changes to the collateral loads on the PEMB structure.
4. Question: Be aware that portal frames will be required in the Foyer building. They will be in Bay 1 of the Front Sidewall and Bay 4 of the Back Sidewall.
Answer: The portal frame locations shown on drawing S-4 were placed in specific locations to miss doors, stair shafts, etc. Other locations of portal frames may be possible but will not be reviewed or accepted until after the project is awarded and a PEMB framing plan is submitted by the supplier.
5. Question: Will all of the primaries and secondary's be galvanized? Specs call out for both.
Answer: Secondary steel members and gauge material shall be galvanized according to the specifications. See sections 2.3-2.5 in specification 133419. Primary framing members do not have to be galvanized.
6. Question: The snow exposure? Specs and drawings say two different exposures for the snow.
Answer: Drawing S-0 lists the correct snow exposure factor. See the written description above for information about changes to the snow load information in the specifications.

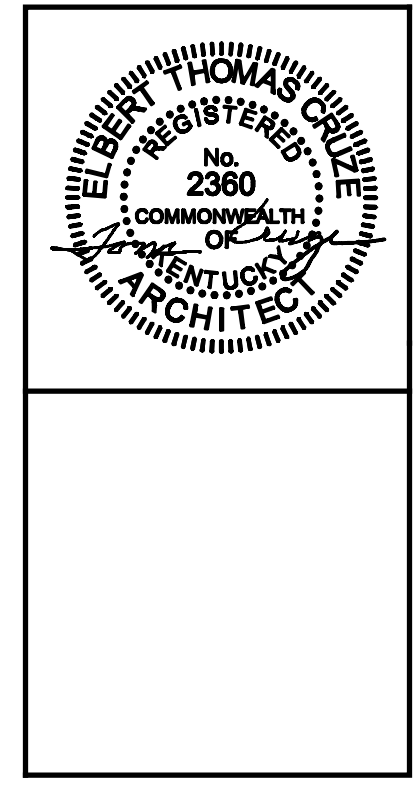
If you have any questions, please do not hesitate to call.

Sincerely,



Hilary Vittitow, EIT

C: file

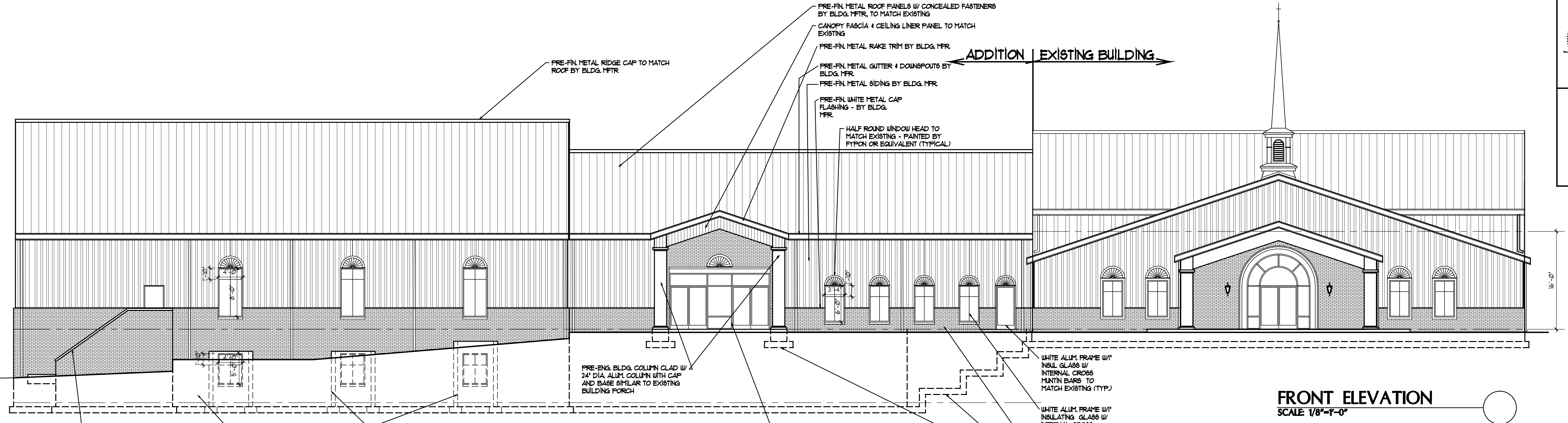


ARCHITECTURE
E. THOMAS CRIZE, ARCHITECT 629 POPLAR SPRINGS LANE LEXINGTON, KENTUCKY 40515 (859) 272-3944

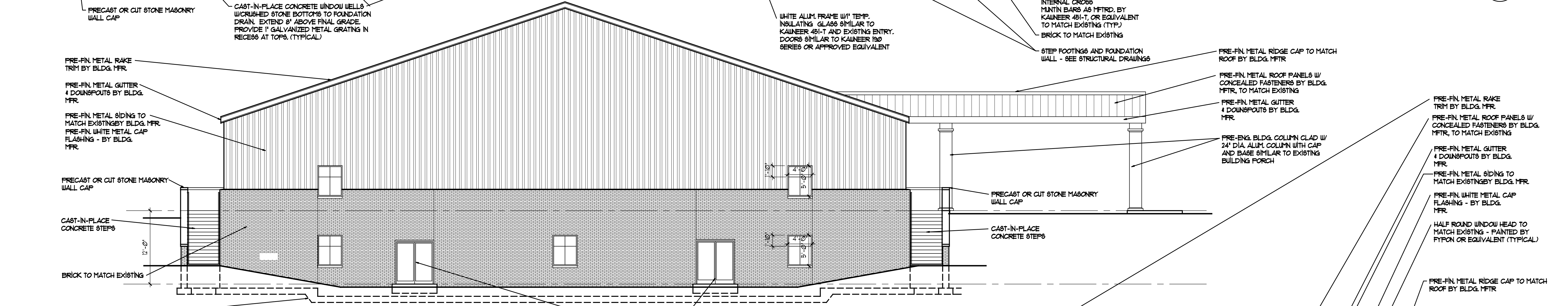
Building Elevations
Sanctuary and Classroom Addition
The Carpenter's Christian Church
1940 US 127 By-Pass
Harrodsburg, Kentucky

DATE: 10-31-2016
PROJECT: 1010
REV: 1-3-TUDUDIMS

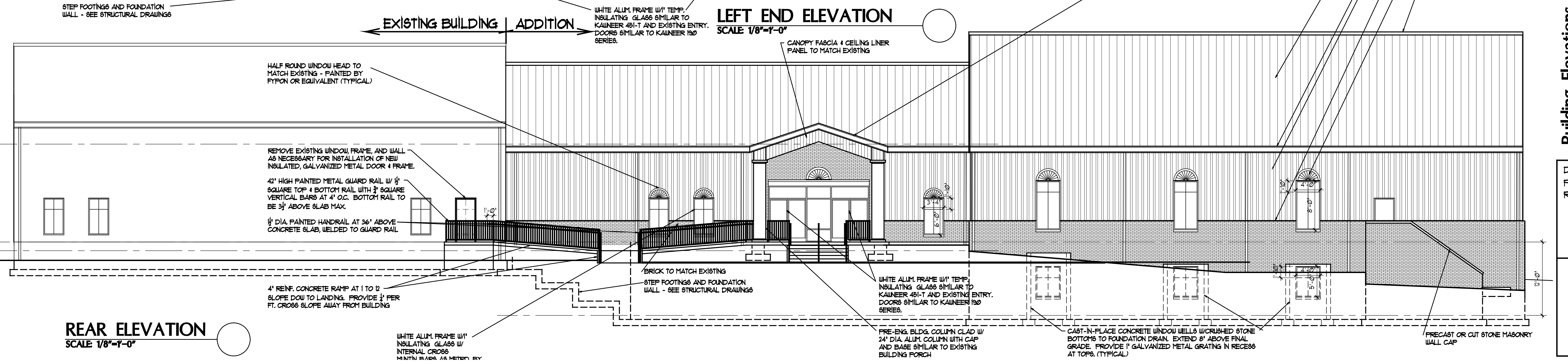
A-5



FRONT ELEVATION
SCALE 1/8"=1'-0"



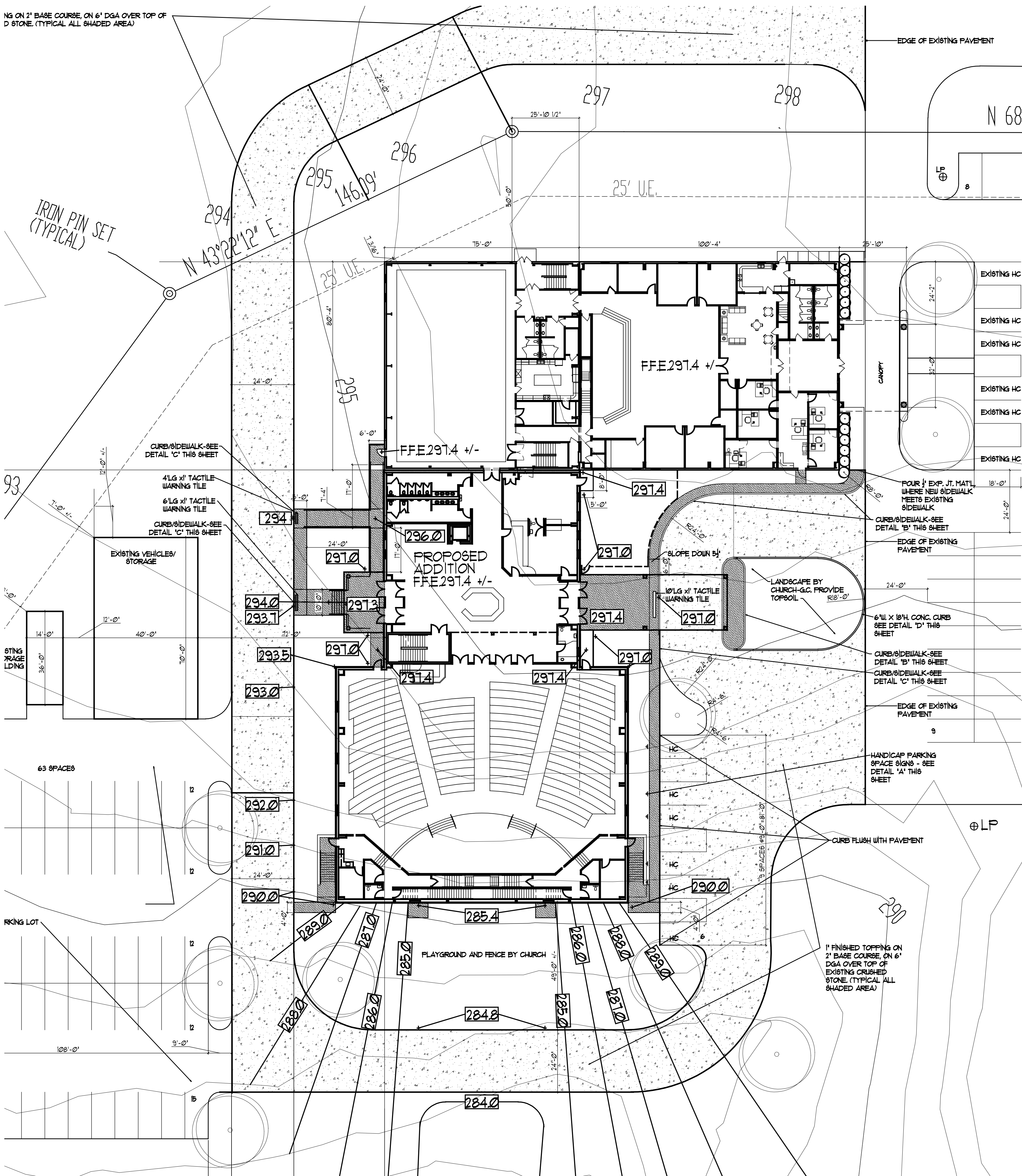
LEFT END ELEVATION
SCALE 1/8"=1'-0"



REAR ELEVATION
SCALE 1/8"=1'-0"

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NG ON 2" BASE COURSE, ON 6" DGA OVER TOP OF D STONE. (TYPICAL ALL SHADED AREA)



N 68°49'54" E

IRON PIN SET (TYPICAL)

N 43°22'12" E

146.19'

297

298

25' U.E.

291.4

PROPOSED ADDITION FFE.291.4 +/-

291.4

291.4

291.4

291.4

291.4

291.4

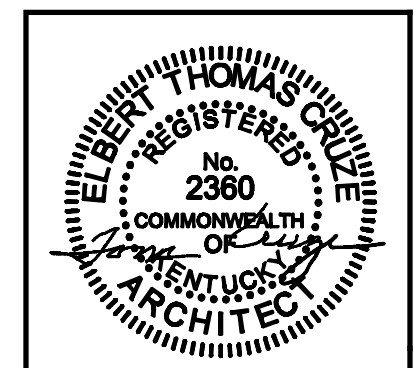
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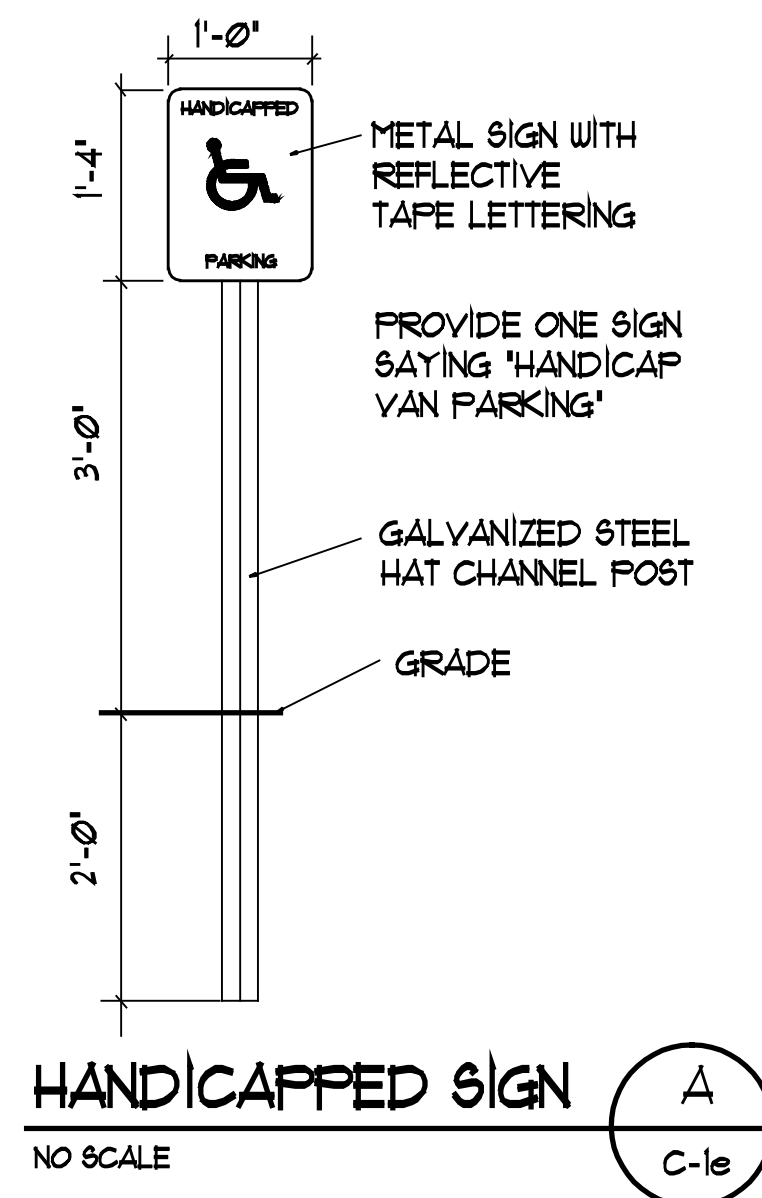


E. THOMAS GRIZE, ARCHITECT 629 POPULAR SPRINGS LANE LEXINGTON, KENTUCKY 40515 (859) 272-3944

SITE PLAN AMENDMENT #1 B2 ZONE
Classroom & Fellowship Hall Addition
THE CARPENTER'S CHRISTIAN CHURCH
1240 U.S. 127 By-Pass
Harrodsburg, Kentucky

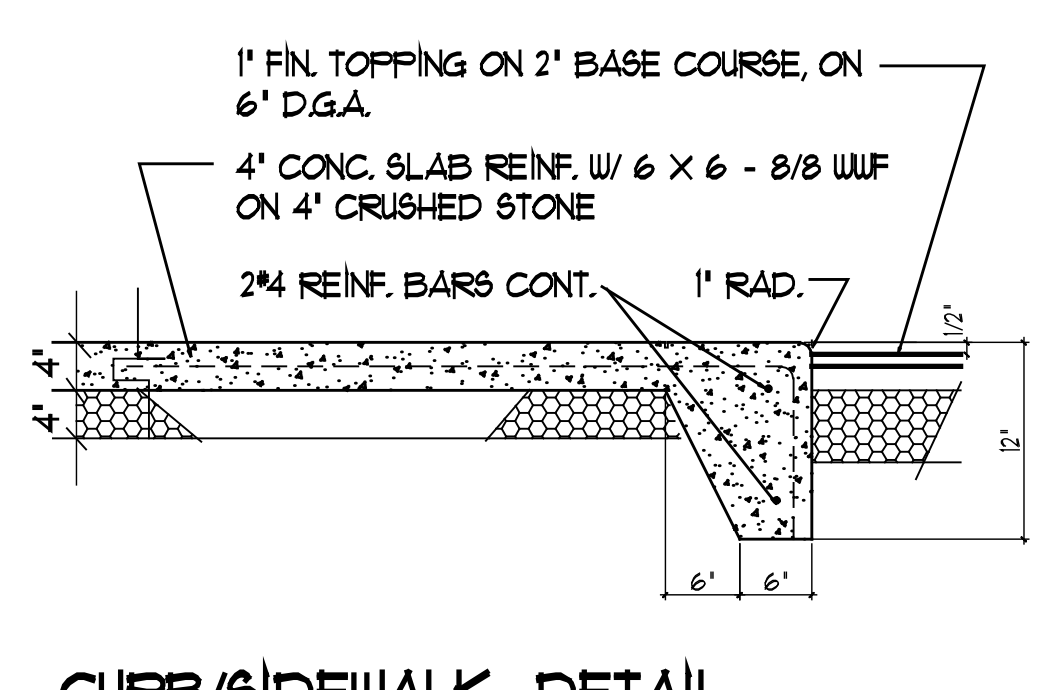
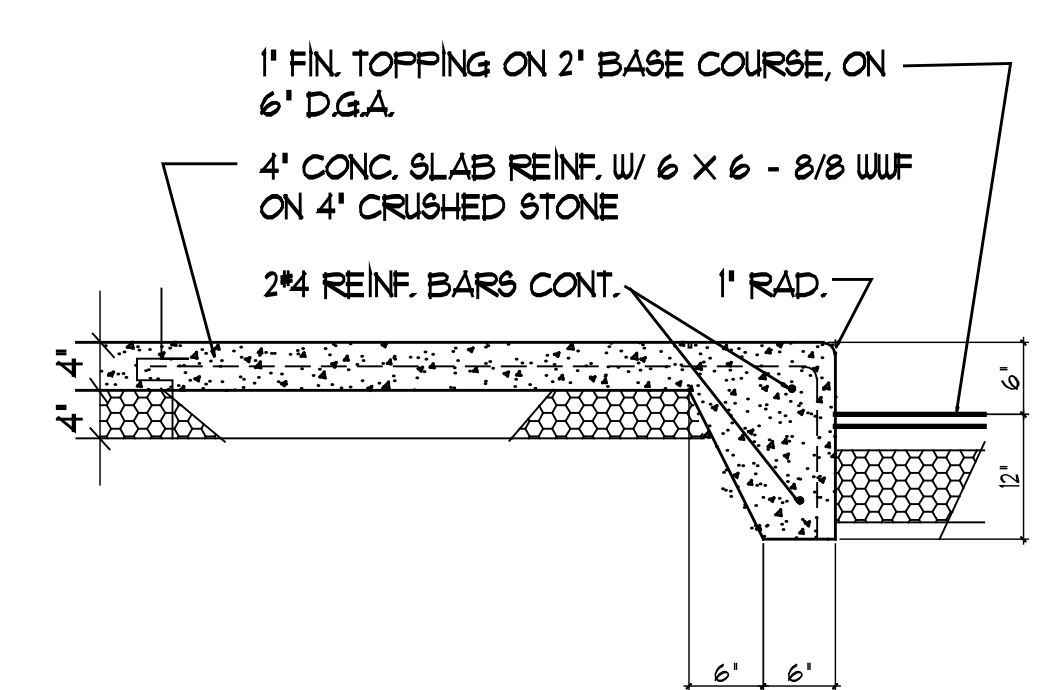
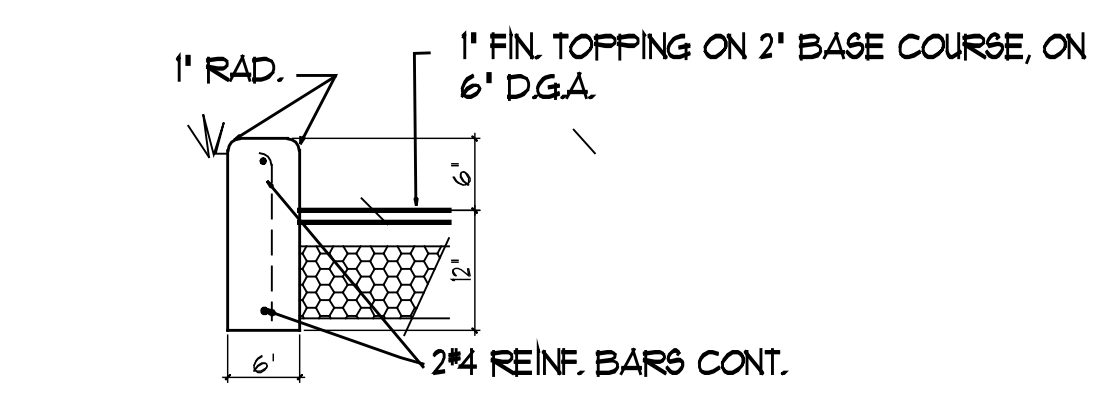
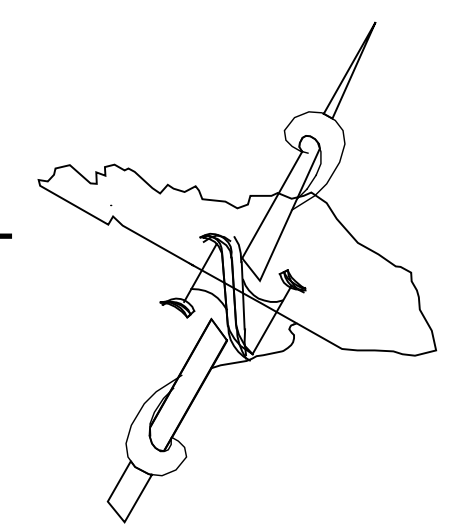
DATE: 1/3/2011
PROJECT: 1010
REV: 1/6/2011 PVT
ADDED DETAILS

C-1e



ENLARGED SITE PLAN

SCALE: 1"=20'-0"

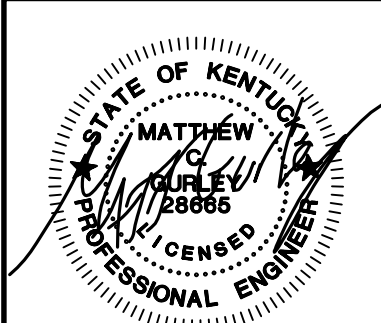


CURB/SIDEWALK DETAIL
NO SCALE

NOTE: THERE ARE NO CURBS EXCEPT AT SIDEWALKS.

CURB/SIDEWALK DETAIL AT HANDICAP SPACES
NO SCALE

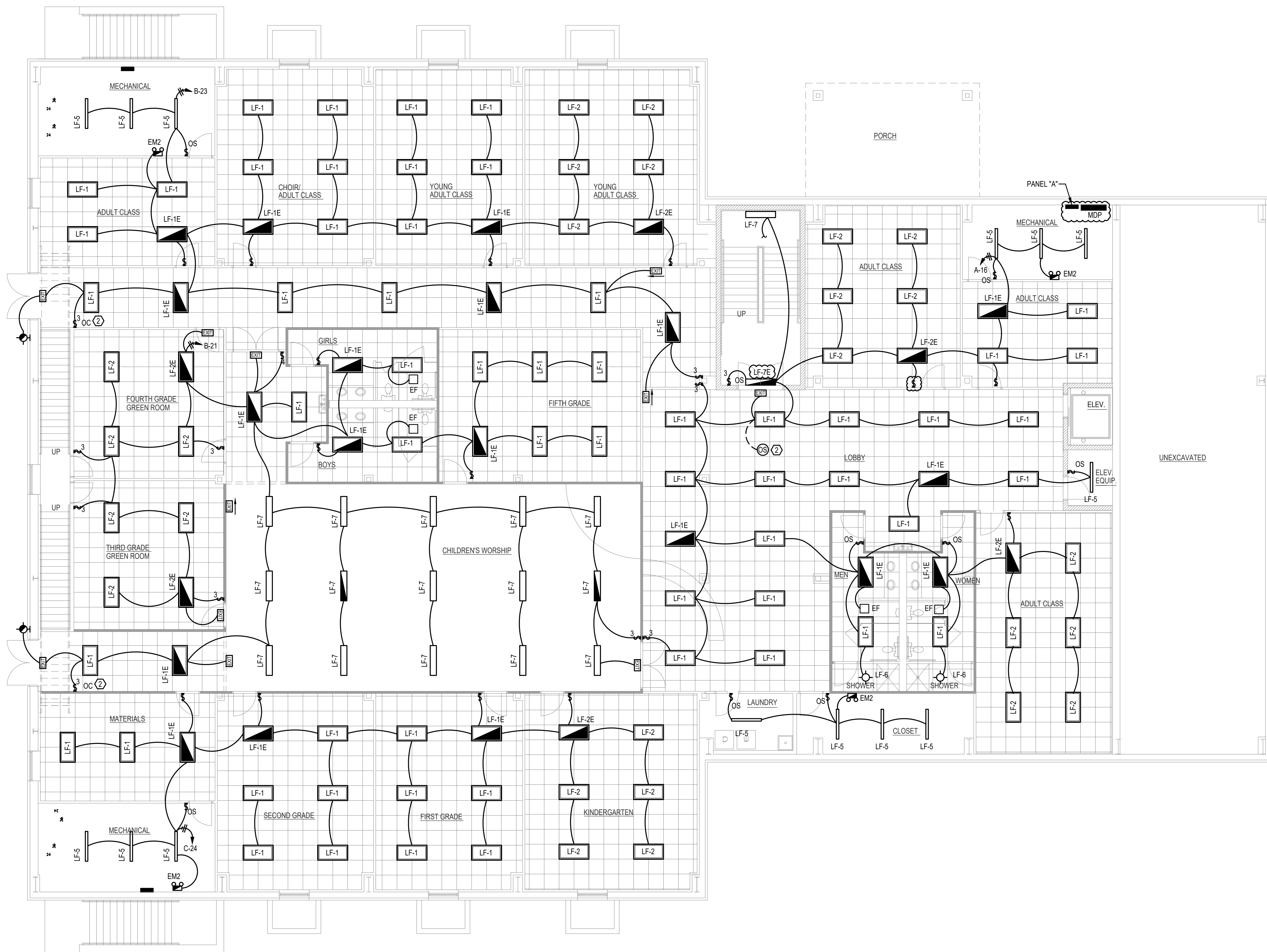
NOTE: THERE ARE NO CURBS EXCEPT AT SIDEWALKS.



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SHEET NOTES

- ① MOUNT STRIP LIGHTS TO UNDERSIDE OF BAR JOISTS.
- ② OCCUPANCY SENSOR TO AUTOMATICALLY TURN ON LIGHTS WHEN SOMEONE ENTERS THE ROOM.



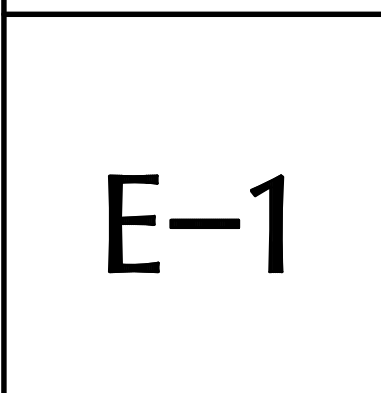
LIGHTING FIXTURE SCHEDULE				
TYPE	MANUFACTURER & MODEL #	DESCRIPTION	LAMPS	WATTS
LF-1	Columbia Lighting Model # LJT24-40-LWG-F5A12-EDU	Recessed, lensed 2x4 LED troffer. Steel housing with white finish & standard acrylic lens. 39 Watt, 4800 Lumen, 4000K color (cool white) temperature. 120 Driver. 5 year warranty. 0-10V Dimming Standard	LED	39 W
LF-1E	Columbia Lighting Model # LJT24-40-LWG-F5A12-EDU-ELL14	Same as LF-1 but with Emergency Battery Pack	LED	39 W
LF-2	Columbia Lighting Model # LJT24-40-MLG-F5A12-EDU	Recessed, lensed 2x4 LED troffer. Steel housing with white finish & standard acrylic lens. 45 Watt, 4800 Lumen, 4000K color (cool white) temperature. 120 Driver. 5 year warranty. 0-10V Dimming Standard	LED	45 W
LF-2E	Columbia Lighting Model # LJT24-40-MLG-F5A12-EDU-ELL14	Same as LF-2 but with Emergency Battery Pack	LED	45 W
LF-3	Lusio Essentials Series Model # ESS3V-A-MS-40-WIDE-FR-LV-10V	High-bay LED with short housing. 13,649 Lumen, 4000K color temperature. 120 volt driver with 0-10V dimming. High-efficacy 137 Lumens/Watt LEDs. Provide with Frosted Lens. Provide with wide distribution. Contractor to select optional mounting and connection hardware. Provide with extended 10 year warranty.	LED	100 W
LF-4	LIGHT BAR ROUGH IN ONLY	Rough-in only fixture by others.	LED	N/A
LF-5	LITHONIA LIGHTING Model# MNSL M6 Internet #203409289 Home Depot SKU 151007	4-Foot LED Strip light, 5,600 lumen, 4000K color temperature. 50,000 Hours at L80. 5 year warranty.	LED	53.0 W
LF-6	Prescolite Model # DBXQL-LB6LEDA35KWH	6-inch recessed LED can light. New construction, IC housing with quick-link connector. 6" LED Trim, 1000 Lumen, 14 Watt, 120V, 80 CRI. White. 5 year warranty.	LED	14.0 W
LF-7	Columbia Lighting Model # LCW4-40ML-EDU	4 ft Surface Mounted LED Wraparound Fixture. Steel housing with white finish & standard acrylic wraparound lens. 52 Watt, 4700 Lumen, 4000K color (cool white) temperature. 120 Driver. 5 year warranty. 0-10V Dimming Standard	LED	39 W
LF-7E	Columbia Lighting Model # LCW4-40ML-EDU-ELL14	Same As LF-7 but with Emergency battery pack	LED	39 W
LF-8	Hubbell Lighting Model # LNC2-18LU-5K-3-1-PC(X)	Exterior LED Wall Pack. 3,300 Lumen, 42.3 watts. Bronze Finish, provide with integrated photocell.	LED	39 W
EM-1	COMPASS CERRC-CIR-WGLX	LED Exit Sign with thermoplastic housing, universal face, red letters, remote capacity, 90 minute operation	LED	N/A
EM-2	COMPASS CU2-COR	LED white thermoplastic housing, dual-head emergency light, damp location listed. 10 year life	LED	N/A
EM-3	MULE Remote Head RLED-2-WP-3.6V	LED Remote Egress Head. Double heads rated for outdoor installation.	LED	N/A

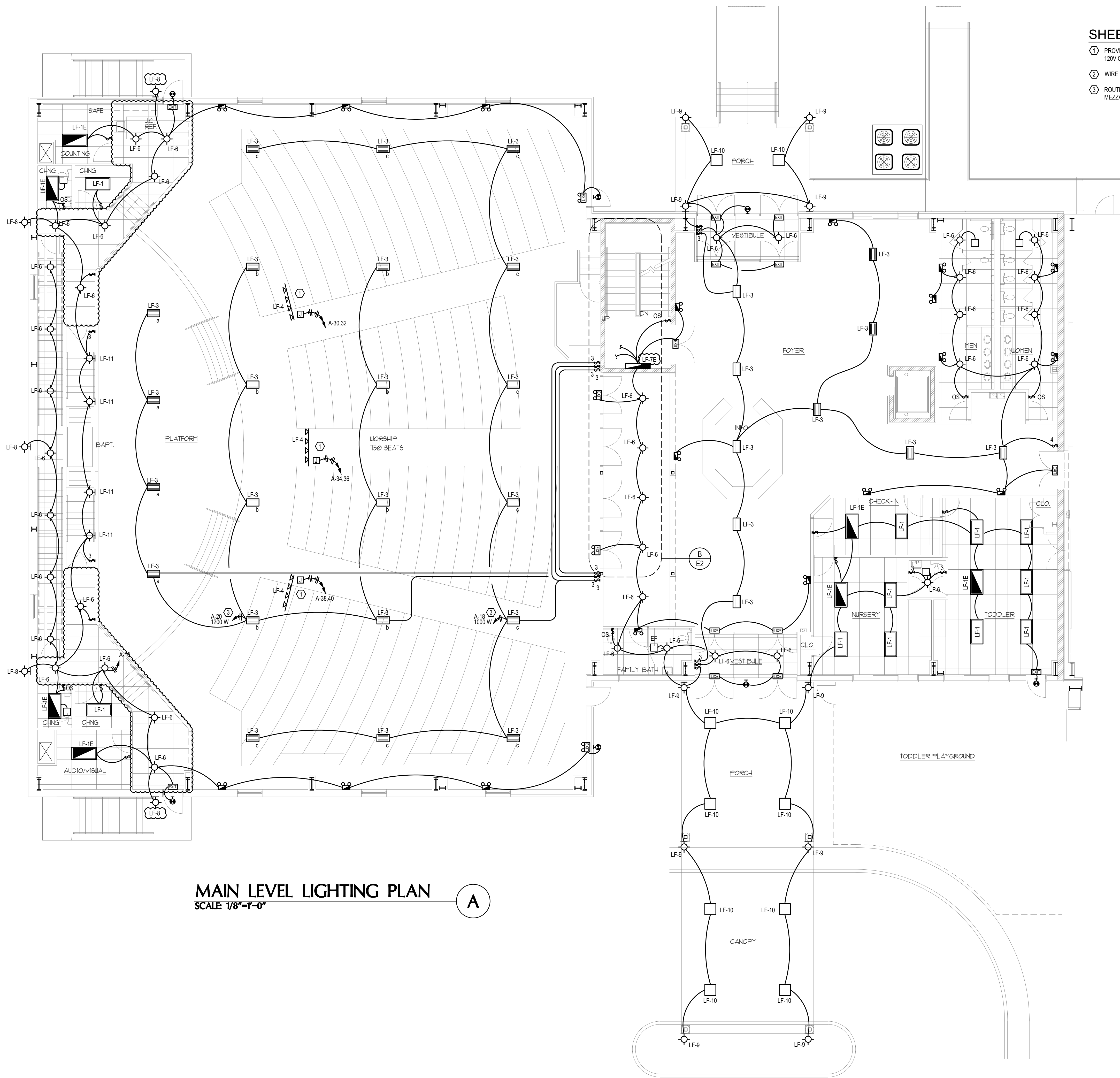
NOTE:
 LIGHT FIXTURES SHALL BE AS SPECIFIED. ANY SUBSTITUTIONS MUST GET PRIOR APPROVAL IN WRITING BY THE ARCHITECT & ENGINEER. ALL SUBSTITUTION REQUESTS SHALL BE SUBMITTED TO THE ARCHITECT & ENGINEER FOR REVIEW 10 DAYS PRIOR TO BID OPENING. SUBSTITUTION REQUESTS MAY BE EMAILED TO MATT GURLEY (mgurley@afaenr.com)

LOWER LEVEL LIGHTING PLAN
 SCALE: 1/8"=1'-0" **A**

Lower Level Lighting Plan
The Carpenter's Christian Church
 1340 US 127 By-Pass
 Harrodsburg, Kentucky
 ARCHITECTURE
 E. THOMAS CRUZEL, ARCHITECT 629 POPLAR SPRINGS LANE LEXINGTON, KENTUCKY 40515 (606) 272-3944

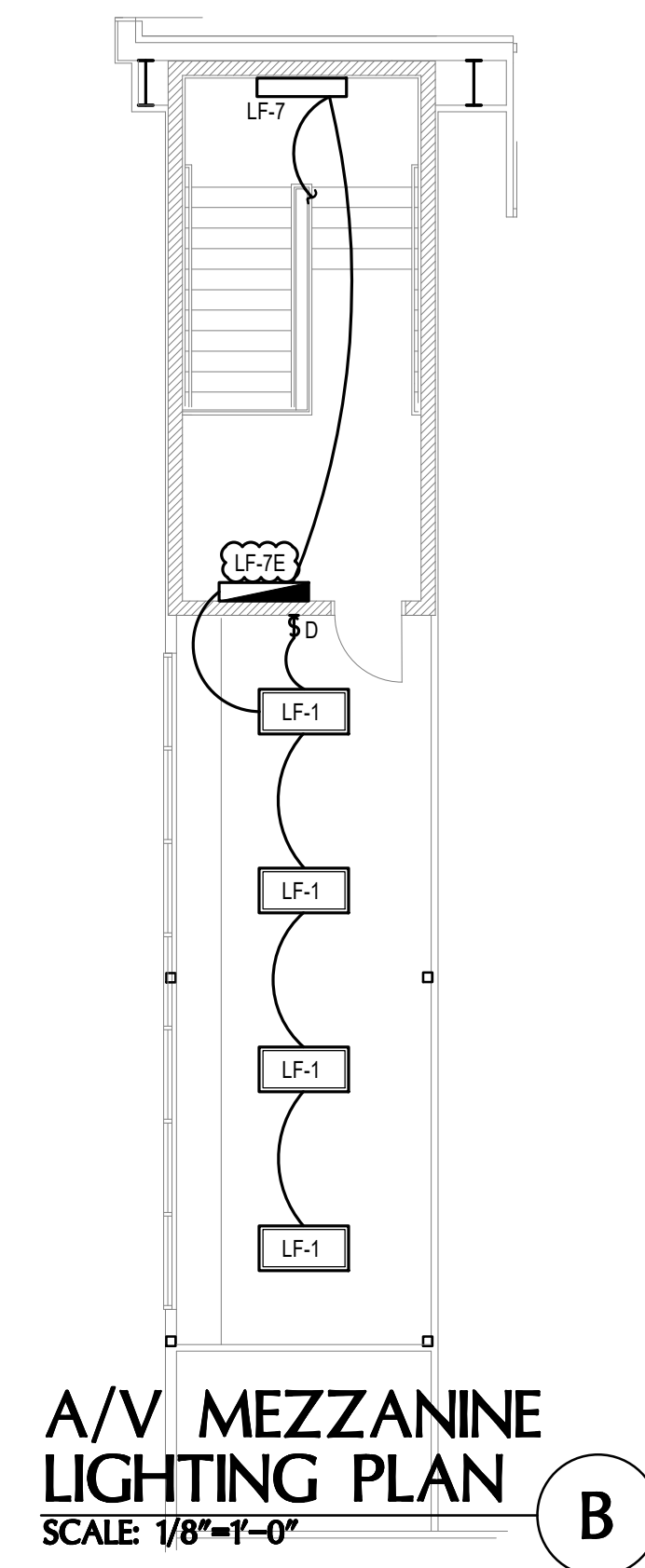
DATE: 10/25/2016
 PROJECT: 2096



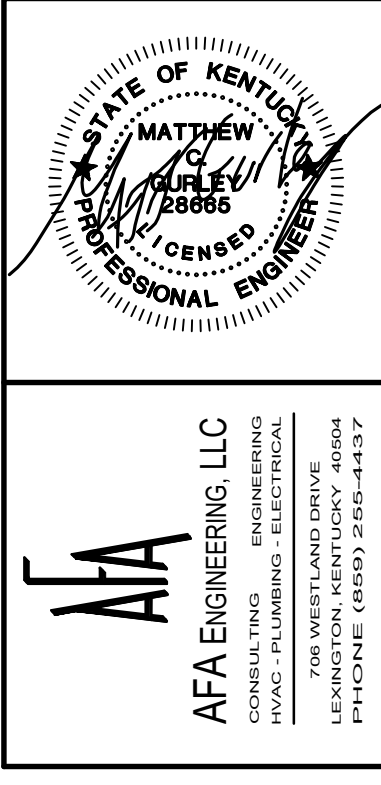


MAIN LEVEL LIGHTING PLAN
SCALE: 1/8"=1'-0" **A**

- SHEET NOTES**
- ① PROVIDE ROUGH IN FOR LIGHT BAR. PROVIDE JUNCTION BOX WITH TWO (2) 120V CIRCUITS.
 - ② WIRE EXHAUST FAN TO LIGHTING CIRCUIT.
 - ③ ROUTE LIGHTING CIRCUIT THROUGH JUNCTION BOX LOCATED IN A/V MEZZANINE



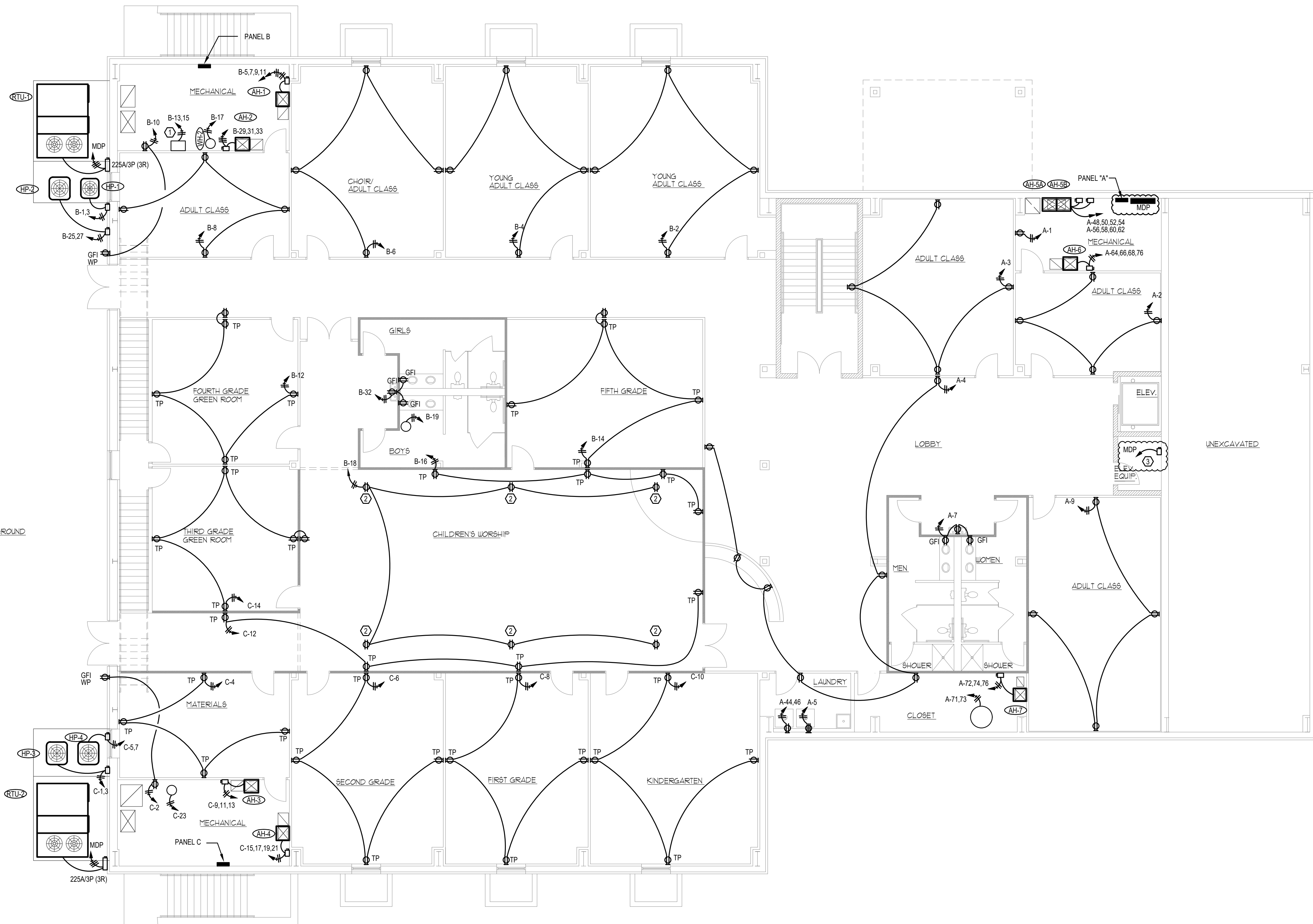
A/V MEZZANINE LIGHTING PLAN
SCALE: 1/8"=1'-0" **B**



ARCHITECTURE
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Upper Level Lighting Plan
The Carpenter's Christian Church
 1340 US 127 By-Pass
 Harrodsburg, Kentucky

DATE: 10/25/2016
PROJECT: 2096



SHEET NOTES

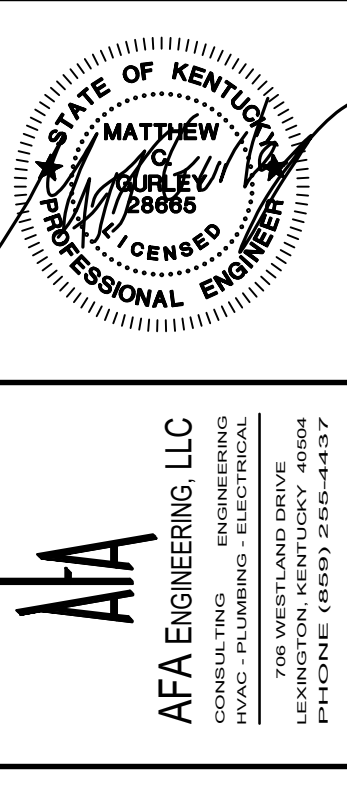
- ① BAPTISTERY HEATER / PUMP
- ② PROVIDE RECEPTACLE LOOP OVERHEAD. MOUNT TO STRUCTURE.
- ③ PROVIDE CIRCUIT FROM MDP TO ELEVATOR. PROVIDE DISCONNECT SWITCH WITH AUXILIARY CONTACTS. COORDINATE FULL ELECTRICAL REQUIREMENTS WITH ELEVATOR MANUFACTURER.

GENERAL NOTES:

- 1. ALL SAFETY SWITCHES LOCATED OUTSIDE SHALL BE NEMA 3R.

ELECTRICAL LEGEND			
	HOMERUN		PANELBOARD
	CONDUIT BELOW FLOOR		DISCONNECT SWITCH
	CONDUIT IN WALLS OR ABOVE CEILING		COMBINATION STARTER/DISCONNECT
	CONDUIT TURNED UP, DOWN		MOTOR OR MOTOR OUTLET
	CAPPED CONDUIT/WIRE		REFERENCE NUMBER TO SHEET NOTE.
	JUNCTION BOX		VOICE / DATA ROUGH-IN
	SWITCH		WEATHER PROOF
	RECEPTACLE		GROUND FAULT INTERRUPTER
	TP TAMPER PROOF RECEPTACLE		
	2-POLE RECEPTACLE		
	QUAD RECEPTACLE		

LOWER LEVEL POWER PLAN
SCALE: 1/8"=1'-0" **A**

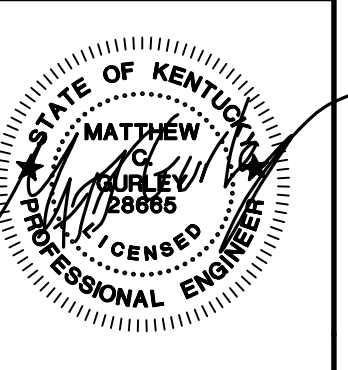


afa
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ARCHITECTURE
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Lower Level Electrical Plan
The Carpenter's Christian Church
 1340 US 127 By-Pass
 Harrodsburg, Kentucky

DATE: 10/25/2016
PROJECT: 2096



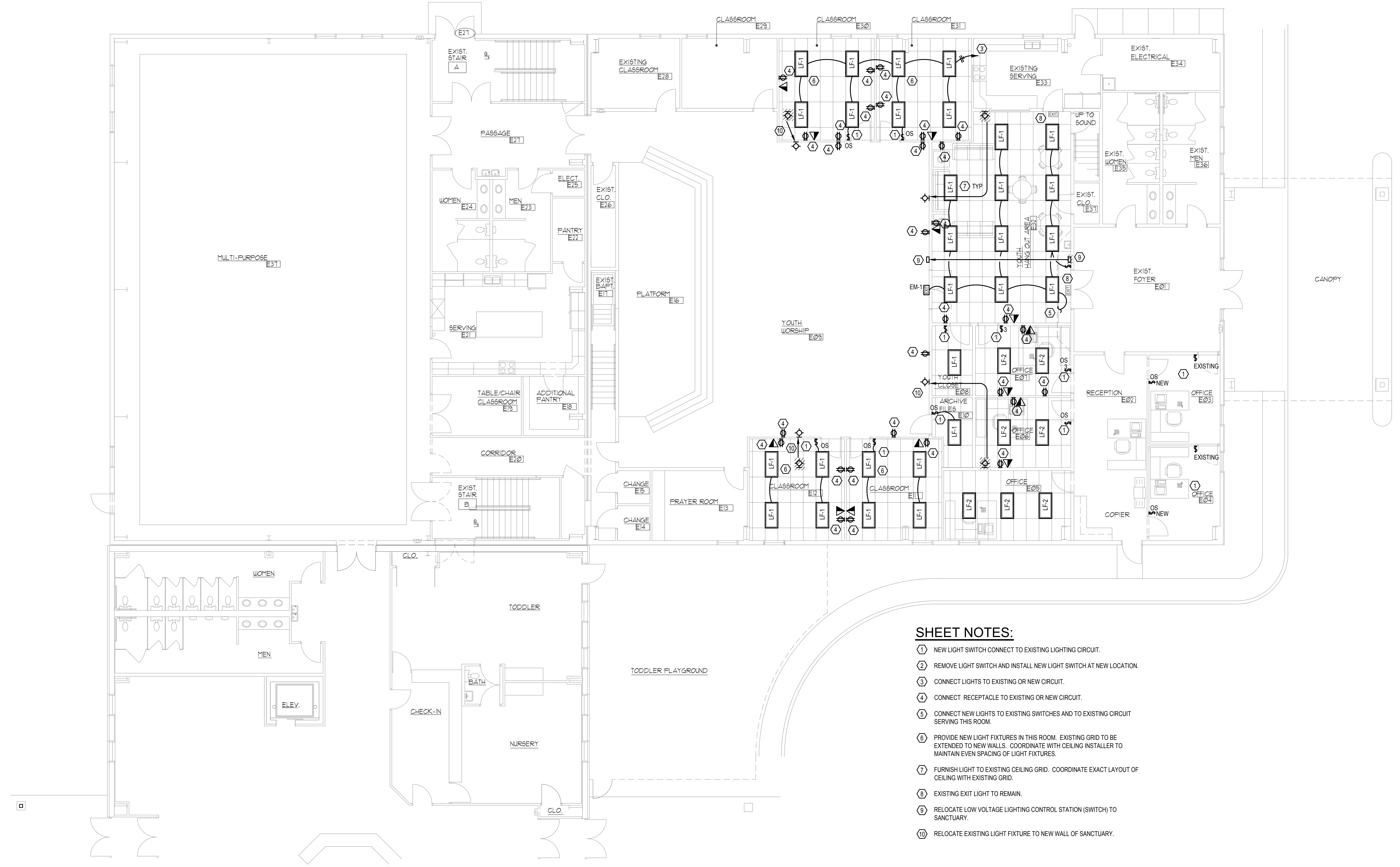
AFA
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ARCHITECTURE
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Electrical Panel Schedules
The Carpenter's Christian Church
 1340 US 127 By-Pass
 Harrodsburg, Kentucky

DATE: 10/25/2016
 PROJECT: 2096

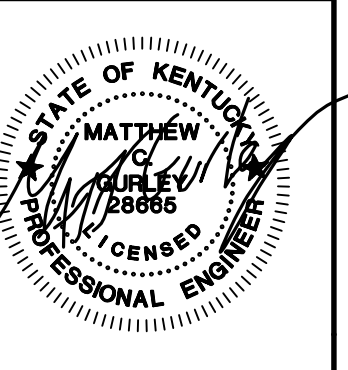
F-8



SHEET NOTES:

- ① NEW LIGHT SWITCH CONNECT TO EXISTING LIGHTING CIRCUIT.
- ② REMOVE LIGHT SWITCH AND INSTALL NEW LIGHT SWITCH AT NEW LOCATION.
- ③ CONNECT LIGHTS TO EXISTING OR NEW CIRCUIT.
- ④ CONNECT RECEPTACLE TO EXISTING OR NEW CIRCUIT.
- ⑤ CONNECT NEW LIGHTS TO EXISTING SWITCHES AND TO EXISTING CIRCUIT SERVING THIS ROOM.
- ⑥ PROVIDE NEW LIGHT FIXTURES IN THIS ROOM. EXISTING GRID TO BE EXTENDED TO NEW WALLS. COORDINATE WITH CEILING INSTALLER TO MAINTAIN EVEN SPACING OF LIGHT FIXTURES.
- ⑦ FURNISH LIGHT TO EXISTING CEILING GRID. COORDINATE EXACT LAYOUT OF CEILING WITH EXISTING GRID.
- ⑧ EXISTING EXIT LIGHT TO REMAIN.
- ⑨ RELOCATE LOW VOLTAGE LIGHTING CONTROL STATION (SWITCH) TO SANCTUARY.
- ⑩ RELOCATE EXISTING LIGHT FIXTURE TO NEW WALL OF SANCTUARY.

ELECTRICAL RENOVATIONS FLOOR PLAN
 SCALE: 1/8"=1'-0"



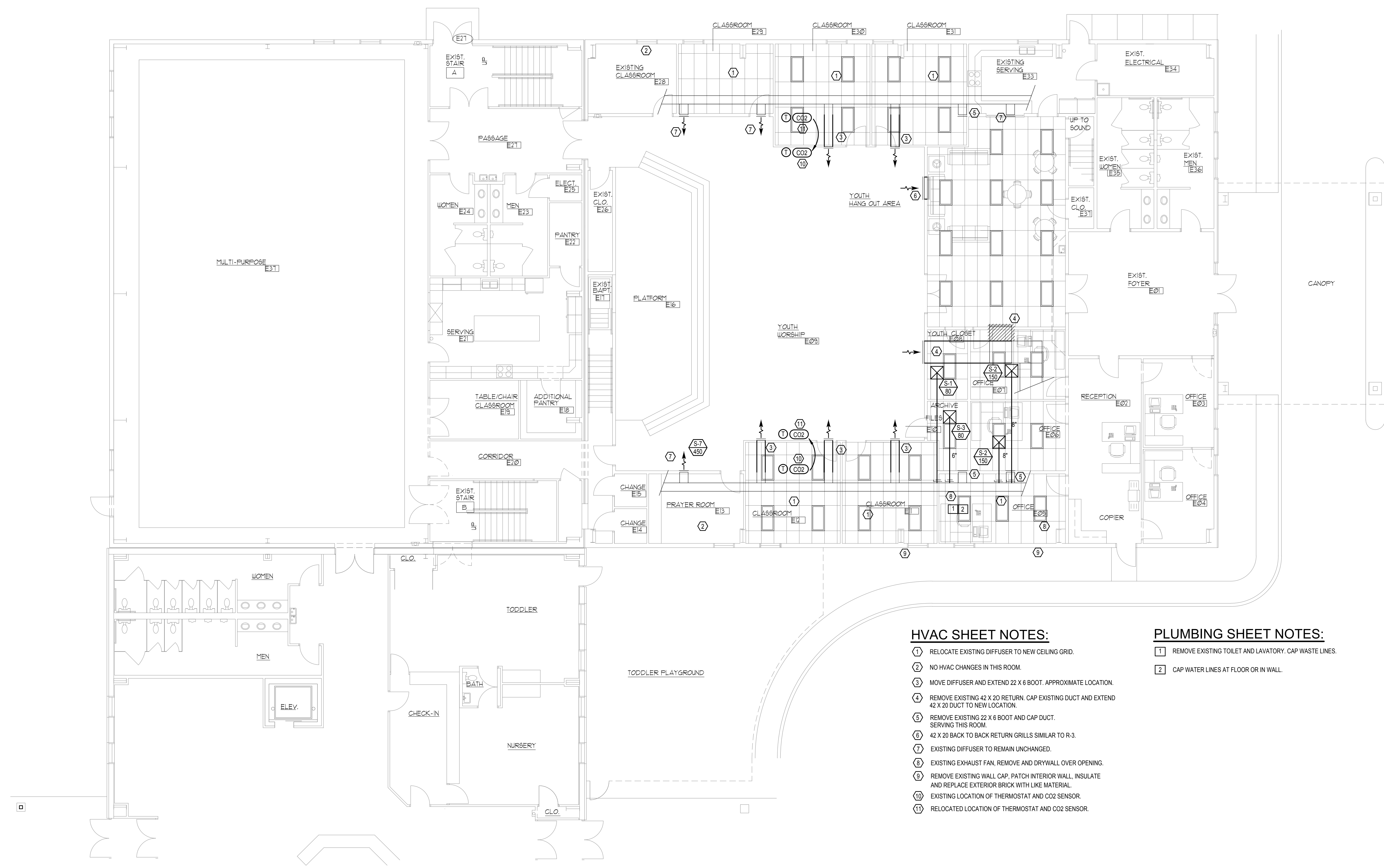
AFA
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 LEXINGTON, KY 40504
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ARCHITECTURE
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Electrical Panel Schedules
The Carpenter's Christian Church
 1340 US 127 By-Pass
 Harrodsburg, Kentucky

DATE: 10/25/2016
 PROJECT: 2096

MP-R



HVAC SHEET NOTES:

- ① RELOCATE EXISTING DIFFUSER TO NEW CEILING GRID.
- ② NO HVAC CHANGES IN THIS ROOM.
- ③ MOVE DIFFUSER AND EXTEND 22 X 6 BOOT. APPROXIMATE LOCATION.
- ④ REMOVE EXISTING 42 X 20 RETURN. CAP EXISTING DUCT AND EXTEND 42 X 20 DUCT TO NEW LOCATION.
- ⑤ REMOVE EXISTING 22 X 6 BOOT AND CAP DUCT. SERVING THIS ROOM.
- ⑥ 42 X 20 BACK TO BACK RETURN GRILLS SIMILAR TO R-3.
- ⑦ EXISTING DIFFUSER TO REMAIN UNCHANGED.
- ⑧ EXISTING EXHAUST FAN. REMOVE AND DRYWALL OVER OPENING.
- ⑨ REMOVE EXISTING WALL CAP. PATCH INTERIOR WALL. INSULATE AND REPLACE EXTERIOR BRICK WITH LIKE MATERIAL.
- ⑩ EXISTING LOCATION OF THERMOSTAT AND CO2 SENSOR.
- ⑪ RELOCATED LOCATION OF THERMOSTAT AND CO2 SENSOR.

PLUMBING SHEET NOTES:

- ① REMOVE EXISTING TOILET AND LAVATORY. CAP WASTE LINES.
- ② CAP WATER LINES AT FLOOR OR IN WALL.

HVAC AND PLUMBING RENOVATION, MAIN FLOOR
 SCALE: 1/8"=1'-0"