

Addendum No. 1

Project: St. Patrick Catholic Church
Bid Set #2
6111 Morrill Avenue
Lincoln NE, 68507

Date Issued: January 13, 2014

Issued By: Brian Semerad, Project Manager
Kingery Construction Co.

Bid Date: January 24, 2014, 2:00 PM

Item 1: The project is tax exempt.

Item 2: Use of tobacco products on church property is prohibited.

Item 3: Job trailers or storage units will be permitted in the vacant lot on the south side of Morrill Avenue upon prior approval of size and location by Kingery Construction.

Item 4: The sign in sheet for the Pre-Bid held on January 10, 2014 is attached to this addendum.

Item 5: Remove Bid Package #10 – Fire Sprinklers from Bid Set #2. This bid package will be bid at a later date when Architectural plans are issued.

Item 6: Any ground thawing required or heating required to install slabs on grade or footings will be the responsibility of Kingery Construction. Any cold weather protection of new poured concrete foundations, walls, and slabs shall be the responsibility of the contractor performing the work.

Item 7: Section 0512000 – Structural Steel Framing

- A. Reference Paragraph 1.8.A. Delete this paragraph and replace with “Fabricator Qualifications: A qualified fabricator who has at least five (5) years experience in projects of similar size and complexity.”
- B. Reference Paragraph 1.8.B. Delete this paragraph and replace with “Installer Qualifications: A qualified installer who has at least five (5) years experience in projects of similar size and complexity.”

Item 8: Sheet S1.3 – Typical Details and Schedules.

- A. Replace the Concrete Pier Schedule with the attached schedule AD.1

Item 9: Sheet A201 – West Elevation and Loggia Section.

- A. This drawing is attached for information only and is not the final version. Final version of this drawing will be issued with a later bid set.

Item 10: Sheet A202 – North and East Exterior Elevations.

- A. This drawing is attached for information only and is not the final version. Final version of this drawing will be issued with a later bid set.

Item 11: Sheet A203 – Building Sections.

- A. This drawing is attached for information only and is not the final version. Final version of this drawing will be issued with a later bid set.

Item 12: Attached is Mechanical and Electrical Addendum No. 1 from AES.

End of Addendum



Kingery Construction Co.

General Contractors • Design Build • Construction Management

PRE-BID MEETING SIGN IN SHEET

PROJECT: St. Patrick's Catholic Church – Bid Set #2

Date: January 8, 2014

Time: 2:00 PM

Name	Company	Trade	Email Address	Phone Number
1. <u>Jon Carpenter</u>	<u>FES Electric</u>	<u>Elec.</u>	<u>jon@feselectric.com</u>	<u>890-4763</u>
2. <u>Cori Wemke</u>	<u>FES Electric</u>	<u>Elec</u>	<u>cori@feselectric.com</u>	<u>402 870 4763</u>
3. <u>MATT SCHAFERS</u>	<u>BISON ELECTRIC</u>	<u>ELEC</u>	<u>BISONELECTRIC@WINDSTREAM.NET</u>	<u>402 476 5349</u>
4. <u>Doug Anderson</u>	<u>Shanahan M/E</u>	<u>M/E</u>	<u>doug@smeval.com</u>	<u>402-784-2301</u>
5. <u>Jon Eicher</u>	<u>ABC Electric</u>	<u>Electric</u>	<u>jone@abcelectric.net</u>	<u>402-435-3514</u>
6. <u>Scott Johnson</u>	<u>Capital City Electric</u>	<u>Electric</u>	<u>sjohnson@capitalcityelect</u>	<u>(402) 420-7435</u>
7. <u>Shaun Mene</u>	<u>Kidwell</u>	<u>Electric</u>	<u>smene1@kidwellus.com</u>	<u>475-9151</u>
8. <u>RODERICK HANSEN</u>	<u>HRS</u>	<u>MECHANICAL</u>	<u>rhansen@hspk.com</u>	<u>421-1573</u>
9. <u>David Potter</u>	<u>Progressive Elec.</u>	<u>Electric</u>	<u>david@progressiveelectric.net</u>	<u>466-4222</u>
10. <u>Doug Kreifels</u>	<u>Action plg / Htg</u>	<u>HVAC</u>	<u>DKreifels1@windstream.net</u>	<u>402-423-6960</u>

201 North 46th Street • Lincoln, NE • 68503

Phone 402.465.4400 • Fax 402.465.4529

www.kccobuilders.com



Kingery Construction Co.

General Contractors • Design Build • Construction Management

PRE-BID MEETING SIGN IN SHEET

PROJECT: St. Patrick's Catholic Church – Bid Set #2

Date: January 8, 2014

Time: 2:00 PM

Name	Company	Trade	Email Address	Phone Number
1. Roger Steinmeyer	Sentry Electric	Electrical	roger@sentryelectric.com	467-5550
2. MIKE LARKINS	MCLARKINS CORP	HVAC	mclarkinsHVAC@yahoo.com	(402) 464-1665
3. Tony Bartels	Wolfe Electric Co. Inc.	Electrical	tony.bartels@wolfeelectric.com	(402)-610-2904
4. DONALD WANEK	Agua Plumbing + Heating LLC.	Plumbing	agua-plumbing@hotmail.com	(402) 826-2101
5. Gabriel Ronk	mml	mechanical	gronk@midmechanic.com	402.466.2772
6. Rich Pleskac	P & P Inc	steel erection	pleskac@gmail.com pleskacandpleskac	464 2064
7. Tom Santillan	H&S Plumbing	Plumbing/HVAC	tsantillan@HSPH.com	402-421-573
8. Paul Schuel	HY-Electric	Electrical	pascheel@hy-electric.com	402-430-5561
9. Justin Anderson	Star City Conc.	concrete	justin@starcityconcrete.com	402-560-4178
10. Terry Kretzels	Action Plbg	Plbg	tkretzels@windstream.net	473-6960

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PRE-BID MEETING SIGN IN SHEET

PROJECT: St. Patrick's Catholic Church – Bid Set #2

Date: January 8, 2014

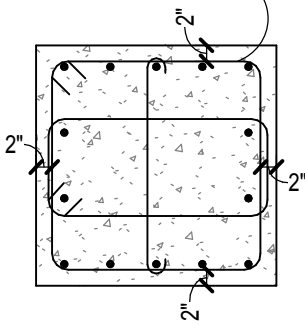
Time: 2:00 PM

Name	Company	Trade	Email Address	Phone Number
1. <u>Phil Oelke</u>	<u>Wellmann Pbg</u>	<u>Plumbing</u>	<u>poelke@wellmanninc.com</u>	<u>402-434-2400</u>
2. <u>Matt Benes</u>	<u>AES</u>		<u>matt.benes@ac-3g.com</u>	<u>402-455-0075</u>
3. <u>Ryan Bixenmann</u>	<u>A Land By Design H Kehm Const</u>	<u>Landscaping + Concrete</u>	<u>rbixe33@gmail</u>	<u>402-450-4792</u>
4. <u>Brian Semerad</u>	<u>Kingerly Construction</u>	<u>General Contractor</u>	<u>brians@kccobuilders.com</u>	<u>402-465-4400</u>
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
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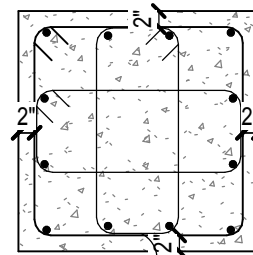
CONCRETE PIER SCHEDULE

Type Mark	Length	Width	Type	Reinforcing
P3030	2'-6"	2'-6"	2	(12) #8 VERTICALS w/ (4) SETS OF #4 TIES @ 3" O.C. TOP & REMAINDER @ 12" O.C.
P3826	3'-2"	2'-2"	1	(14) #7's VERTICALS W/ (4) SETS OF #4 CLOSED TIES @ 3" O.C. REMAINING @ 1'-0" O.C.
P4030	3'-4"	2'-6"	2	(14) #7's VERTICALS W/ (4) SETS OF #4 TIES @ 3" O.C. TOP & REMAINDER @ 12" O.C. - CENTERED ON COLUMN
P4444	3'-8"	3'-8"	3	(12) #8 VERTICALS w/ (7) SETS OF #4 TIES @ 3" O.C. TOP & REMAINDER @ 12" O.C. - CENTERED ON COLUMN
P5454	4' 6"	4' 6"	3	(12) #8 VERTS W/ (4) SETS OF #4 TIES @ 3" O.C. TOP - REMAINDER @ 12" O.C. - CENTERED ON COLUMN
P7272	6' 0"	6' 0"	4	(2) SETS OF (12) #8 VERTS W/ (4) SETS OF #4 TIES @ 3" O.C. TOP - REMAINDER @ 12" O.C. - CENTERED ON COLUMN
P7284	6' 0"	7' 0"	4	(2) SETS OF (12) #8 VERTS W/ (4) SETS OF #4 TIES @ 3" O.C. TOP - REMAINDER @ 12" O.C. - CENTERED ON COLUMN

#4 CLOSED TIES
- SEE SCHEDULE

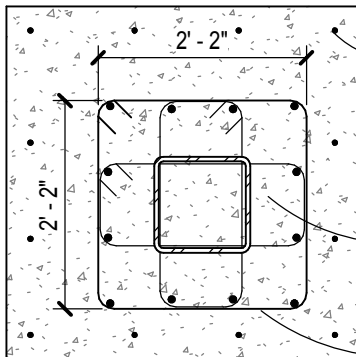


TYPE 1



(3) #4 CLOSED
TIES EACH LAYER
- SEE SCHEDULE

TYPE 2

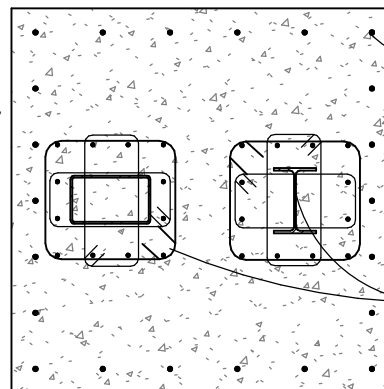


WALL REINFORCING STYLE
AROUND PERIMETER W/ (12) #7
VERTICALS EVENLY SPACED
AROUND PERIMETER W/ #5
HORIZONTALS @ 12" O.C.

CENTER PIER REINFORCING
ON COLUMN

(3) #4 CLOSED
TIES EACH LAYER
- SEE SCHEDULE

TYPE 3



WALL REINFORCING STYLE
AROUND PERIMETER W/ (22)
#7 VERTICALS EVENLY
SPACED AROUND
PERIMETER W/ #5
HORIZONTALS @ 12" O.C.

CENTER PIER
REINFORCING ON
COLUMN

TYPE 4



structural[design]group, inc.
410 S 7th street
lincoln, nebraska 68508
402-438-7788

St. Patrick Catholic Church
Owner

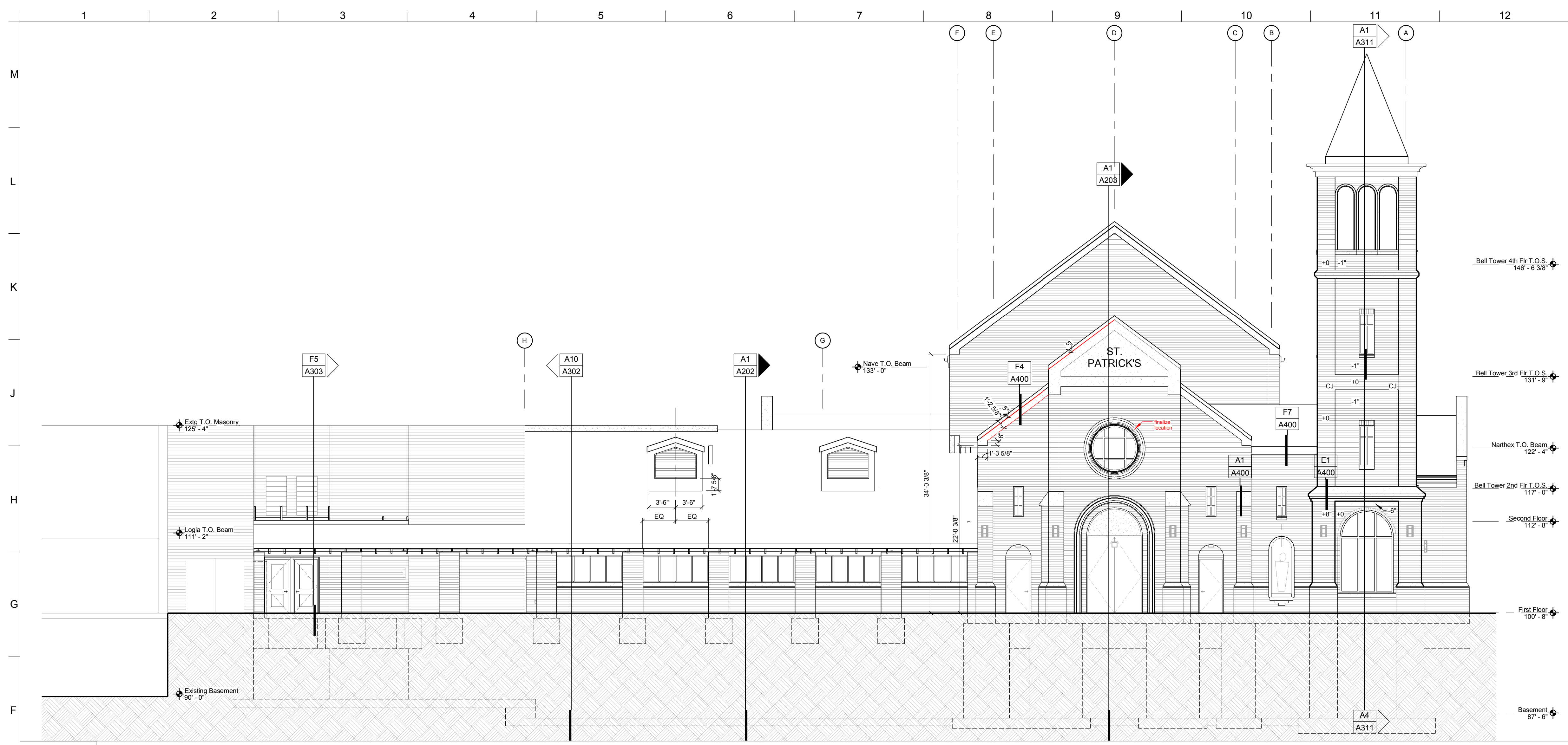
CONCRETE PIER SCHEDULE

Project number: 13-282
Date: JAN 07, 2014

Drawn by: jls
Checked by: jls

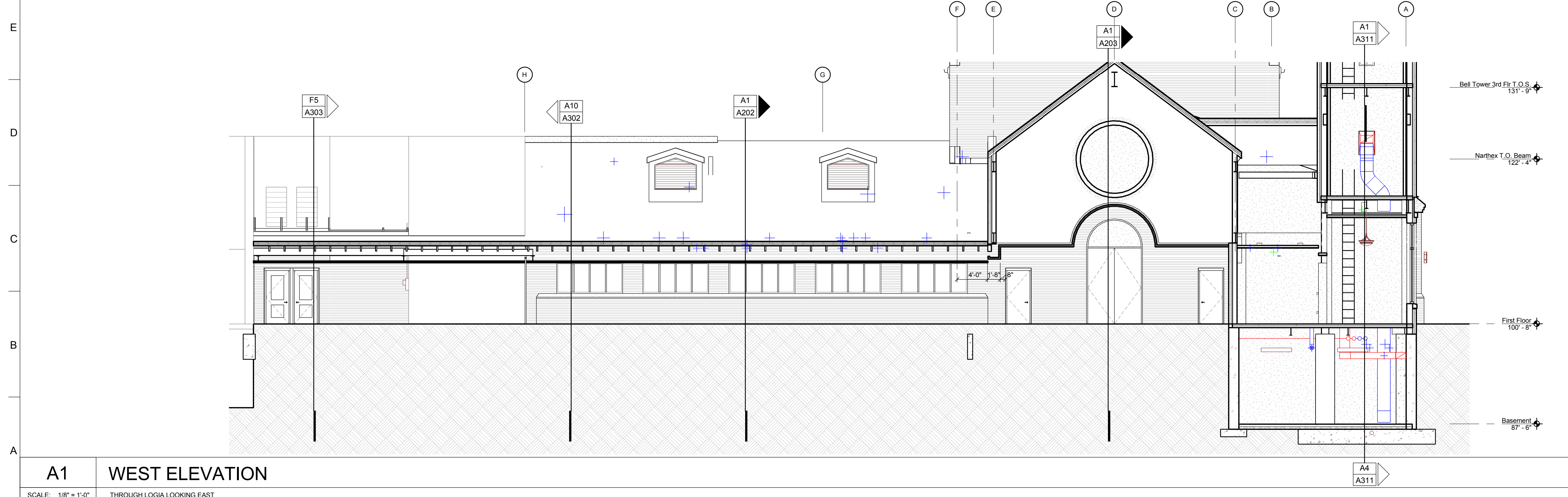
AD.1

Scale 1/2" = 1'-0"



E1 WEST ELEVATION

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



A1 WEST ELEVATION

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

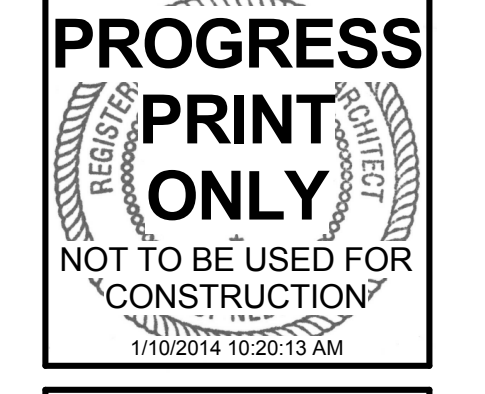
THROUGH LOGGIA LOOKING EAST

GENERAL NOTES

NOTE 1: PURPOSE OF BUILDING SECTION IS TO PROVIDE A BETTER UNDERSTANDING OF TOTAL BUILDING MASS AND MATERIAL ALIGNMENT. PLEASE REFER TO PLANS, ELEVATIONS, AND ENLARGED SECTIONS AND DETAILS TO BE USED FOR CONSTRUCTION FOR ADDITIONAL INFORMATION.



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MECHANICAL/ELECTRICAL ENGINEER
Advanced Engineering Systems
4630 Antelope Creek Road, #200
Lincoln, Nebraska 68506
(402) 488-0075

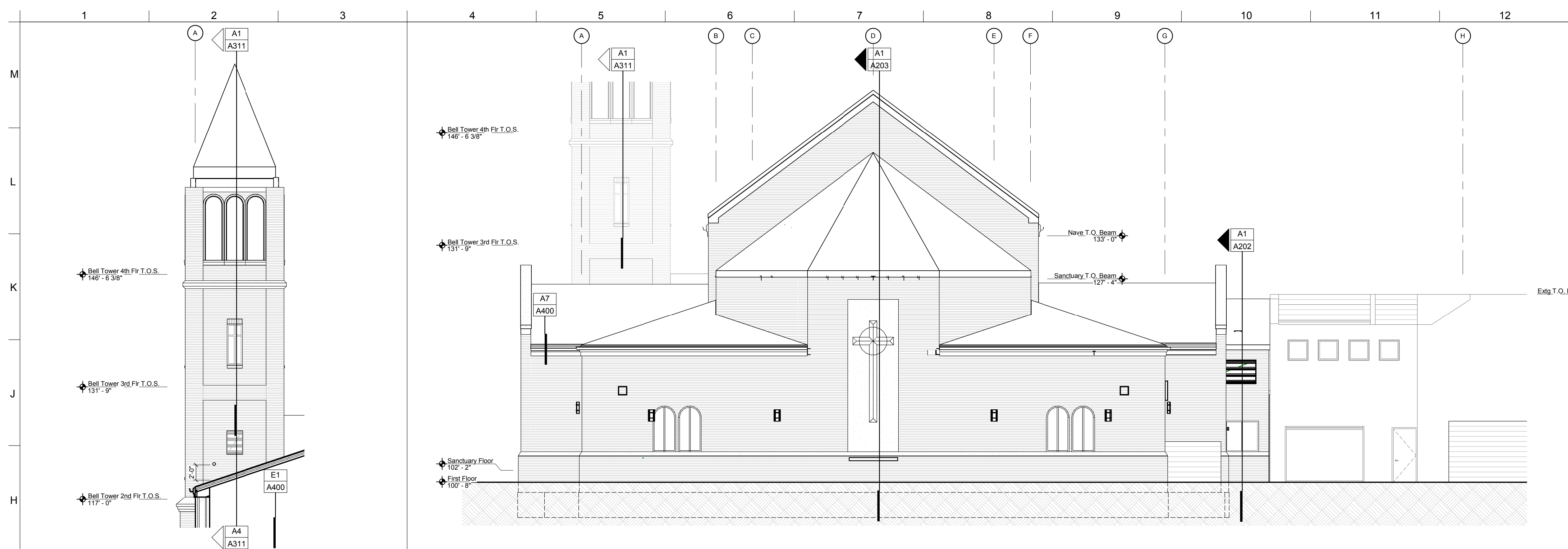
CIVIL ENGINEER
Olsson Associates
1111 Lincoln Mall, #100
Lincoln, Nebraska 68508

St. Patrick Catholic Church
6111 Morrill Avenue
Lincoln, Nebraska

DRAWING TITLE:
WEST ELEVATION AND
LOGGIA SECTION

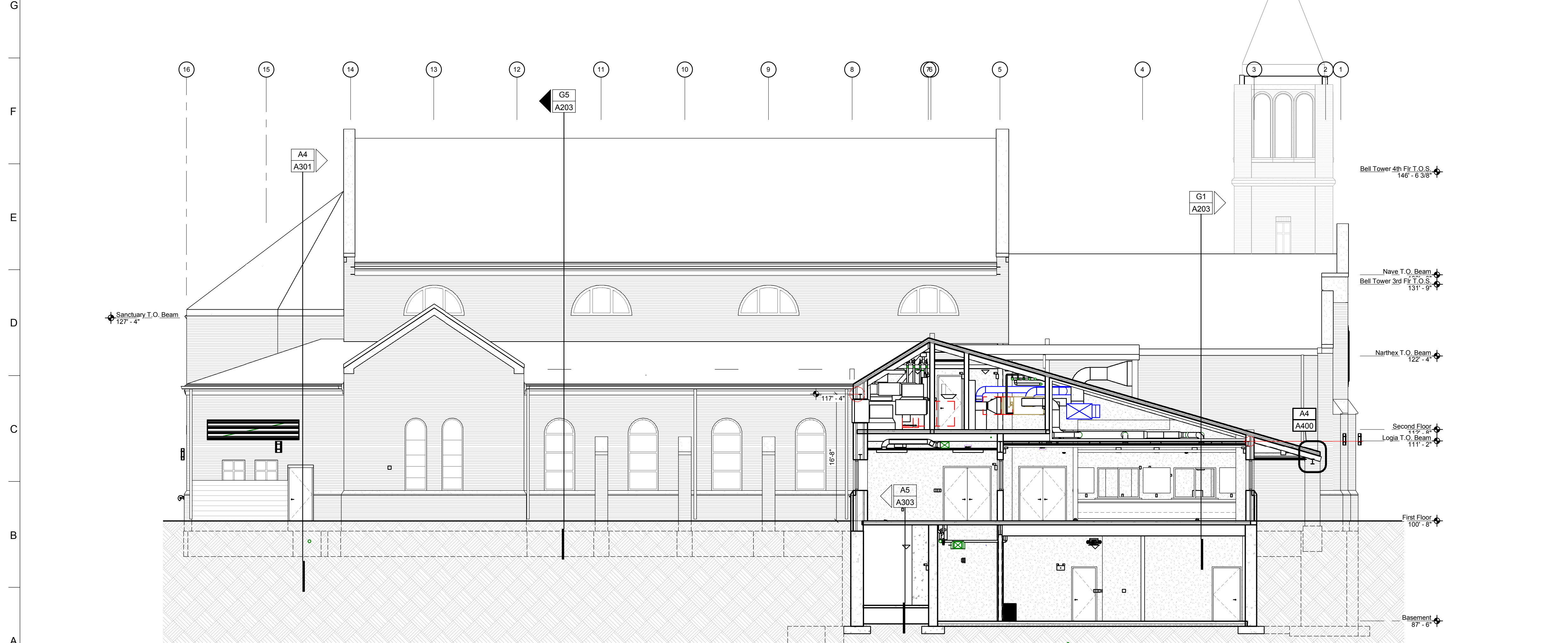
ARCHITECT: KAC
DRAWN BY: Author
ISSUE DATE: [DATE]
PROJECT NO.: 11008

A201



G1 EXTERIOR ELEVATION
SCALE: 1/8" = 1'-0"
EAST TOWER

G4 EAST ELEVATION
SCALE: 1/8" = 1'-0"

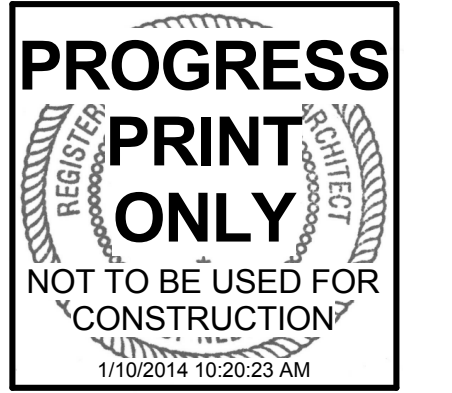


A1 BUILDING SECTION
SCALE: 1/8" = 1'-0"
THROUGH PARISH HALL 110 LOOKING SOUTH

GENERAL NOTES
NOTE 1: PURPOSE OF BUILDING SECTION IS TO PROVIDE A BETTER UNDERSTANDING OF TOTAL BUILDING MASS AND MATERIAL ALIGNMENT. PLEASE REFER TO PLANS, ELEVATIONS, AND ENLARGED SECTIONS AND DETAILS TO BE USED FOR CONSTRUCTION FOR ADDITIONAL INFORMATION.



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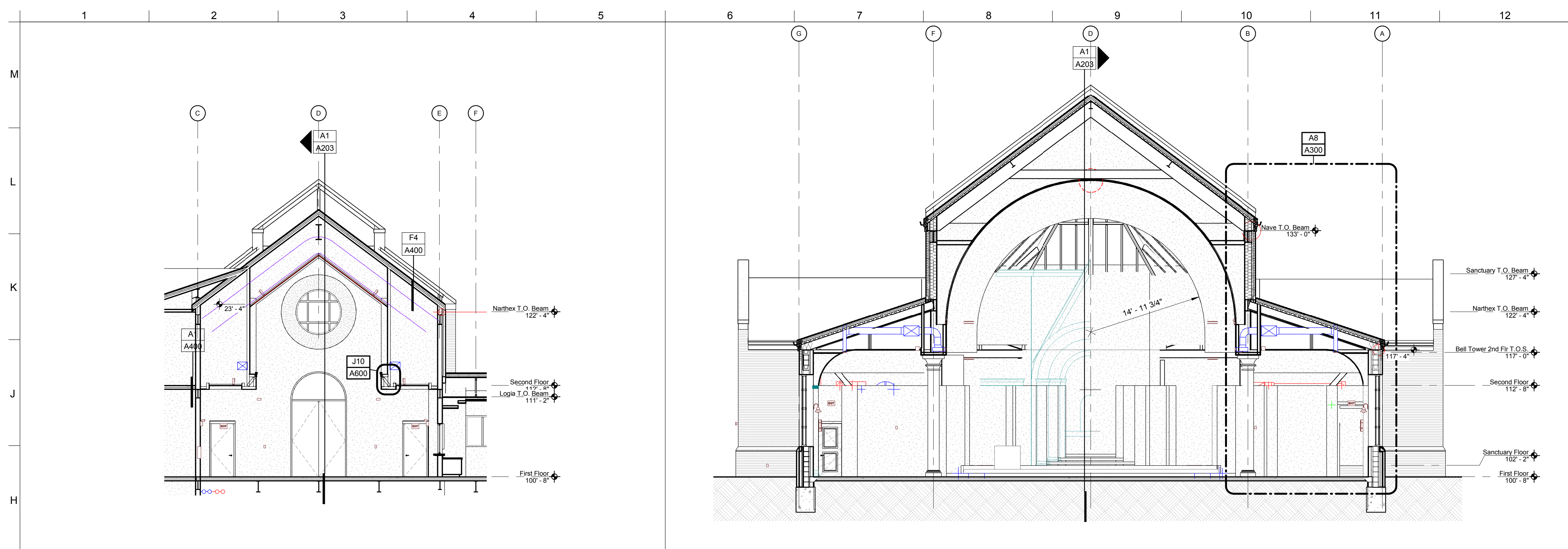
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St. Patrick Catholic Church
6111 Morrill Avenue
Lincoln, Nebraska

DRAWING TITLE:
NORTH AND EAST
EXTERIOR ELEVATIONS

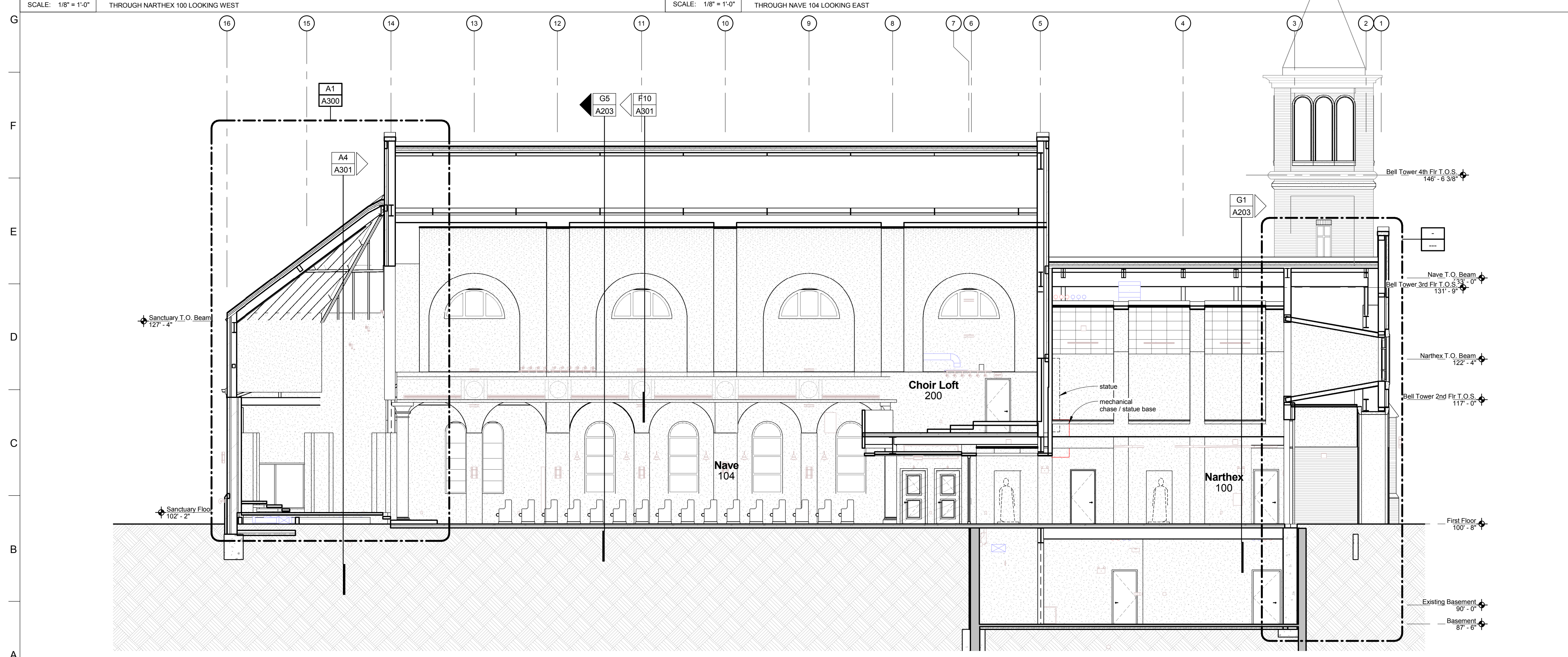
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DRAWN BY: Author
ISSUE DATE: [DATE]
PROJECT NO.: 11008

A202



G1 PARTIAL BUILDING SECTION

G5 BUILDING SECTION

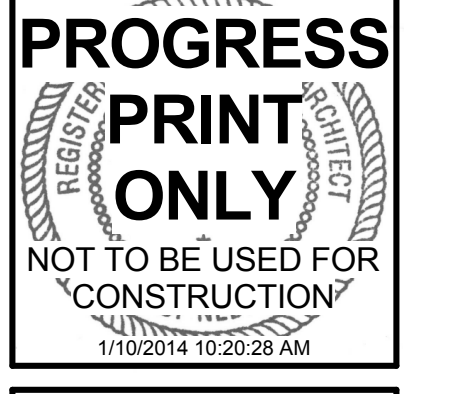


A1 BUILDING SECTION

GENERAL NOTES
 NOTE 1: PURPOSE OF BUILDING SECTIONS IS TO PROVIDE A BETTER UNDERSTANDING OF TOTAL BUILDING MASS AND MATERIAL ALIGNMENT. PLEASE REFER TO PLANS, ELEVATIONS, AND ENLARGED SECTIONS AND DETAILS TO BE USED FOR CONSTRUCTION FOR ADDITIONAL INFORMATION.



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DRAWING TITLE:
 BUILDING SECTIONS
ARCHITECT: KAC
DRAWN BY: JEN
ISSUE DATE: [DATE]
PROJECT NO.: 11008

A203

1. Paragraph 2.5.A.2. Wall Plates for finished spaces: shall be metal with an oil rubbed bronze finish.

CHANGES TO PROJECT DRAWINGS

All work shall be in accordance with the terms, stipulations, and conditions of the original contract.

Mechanical

Sheet M102

1. The Heating Hot Water and Chilled Water system bypass valves shall be located above Corridor 202 (near the south mechanical room Mechanical 201) in lieu of being located in Mechanical 205. Heating Hot Water bypass valve shall be 2-1/2". Chilled Water bypass valve shall be 3". The bypass valves shall be connected between the supply piping and the return piping heading back towards the pumps (not the return piping heading towards the basement units). Discuss final location with engineer and controls contractor prior to installation.

Sheet M201

1. Provide a Raymon – Standard Inlet Damper (or equal) for all floor registers (FR-1) serving Sanctuary 104a. These will provide a means of balancing each register since the ductwork will be under floor. The integral damper in the high efficiency take-offs shall be removed or locked in the open position.

Sheet M202

1. Provide a Raymon – Standard Inlet Damper (or equal) for all linear diffusers (LD-1, LD-2) serving Nave 104. Provide an inlet damper and each connection to the diffuser plenum. These will provide a means of balancing each diffuser since the ductwork will be above a hard lid ceiling. The integral damper in the high efficiency take-offs shall be removed or locked in the open position.

Sheet M300

1. **Plumbing Fixture Schedule:** Floor Drain (FD-1) shall be a Proset model T25630 – nickel bronze round adjustable strainer and flexible elastomeric material to prevent sewer gas emissions.
2. **Pipe Material and Insulation Schedule:** Humidity Condensate piping material shall be Type "L" Copper with Cast Solder connections.
3. **Pipe Material and Insulation Schedule:** Below Grade Waste Vent piping material shall be Service Weight Cast Iron with Gasketed connections or Schedule 40 PVC DWV with primed and glued fittings.
4. **Pipe Material and Insulation Schedule:** Above Grade Waste Vent piping material shall be Cast Iron with No-hub CISPI 310/NSF connections or Schedule 40 PVC DWV with primed and glued fittings.

Electrical

Sheet E100

1. Provide an additional Type 32 pedestrian scale pole 60'-6" to the south of the south pole that was shown on the original drawings. Circuit with other pole lighting on circuit N2-35 via RP1-12. Refer to sketch E001-1 for updated layout and circuiting.
2. Delete the Type 33 pole luminaire on the east side of the parking lot and provide one Type 33 on the north end of the parking lot and one Type 33 on the south end of the parking lot. Refer to sketch E001-1 for updated layout and circuiting.

ADDENDUM



Sheet E101

PARISH HALL 110

1. Delete (5) Type 'E' Occupancy sensors and keynote 4.
2. The two rows of luminaires closest to the west windows must be controlled by separate relays in order to met IECC requirements. Refer to sketch E101-1 for updated circuiting and notes.
3. Provide a total of two empty single gang J-boxes with $\frac{3}{4}$ " conduit stubbed to above accessible ceiling for future ceiling fan wiring. Provide with a blank coverplate over the box. The J-boxes shall be located at +48" A.F.F. adjacent to each of the Type 'd' lighting control stations in the space.

NAVE 104

4. The luminaires on the north and south sides of the church must be controlled by separate relays in order to met IECC requirements. The south sconces originally on RP1-1 shall be circuited through RP1-28. The south Stations of the Cross luminaires originally on RP1-7 shall be circuited through RP1-29. The south side sconces originally on RP1-2 shall be circuited through RP1-30.
5. Provide (2) Type 'b' lighting control button stations. The second station shall be located adjacent to the original 'b' button station location. Each of these will be an 8 button station. Stations will be labeled 'b1' and 'b2'.

CONFESSIONALS

6. Refer to sketch E101-2 for updated layout, circuiting and notes.

CORRIDOR 111

7. Delete Type 20 exit sign at the north end of the corridor that was shown over the door leading out to the existing stairwell. There is an existing exit sign in this location.

CUSTODIAL 112A

8. Provide a connection from circuit N2-50 to supply panel electronics in Relay Panel 'RP1'.

SACRISTY 103

9. Provide (2) Type 'b' lighting control button stations. The second station shall be located adjacent to the original 'b' button station location. Each of these will be an 8 button station. Stations will be labeled 'b1' and 'b2'.

Sheet E102

NAVE 104

1. The luminaires on the north and south sides of the church must be controlled by separate relays in order to met IECC requirements. The south Type 24 cove lights originally on RP2-1 shall be circuited through RP2-15. The south Type 16 cove lights originally on RP2-2 shall be circuited through RP2-16.

NARTHEX 100

2. Add one Type 1z track head to illuminate the rose window in Narthex. Circuit to N2-2 via RP1-31. Apply keynote 20 which shall state: 'Luminaire monopoint shall be mounted on the bottom horizontal surface of the window ledge. Orient and aim luminaire to evenly illuminate window. Confirm exact luminaire placement with architect prior to installation'. Refer to sketch E102-1 for updated layout and circuiting.

STORAGE/ MECH 206

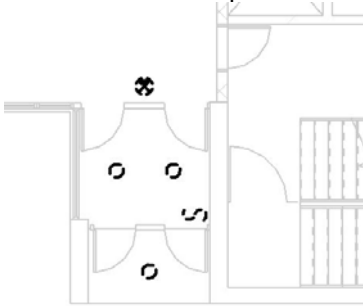
3. Provide a connection from circuit N4-39 to supply panel electronics in Relay Panels 'RP2', 'RP3', and 'RP4'.

BELL TOWER

4. Provide one Type 43 luminaire, one Type 29 luminaire and one Type A wall mounted occupancy sensor at each level of the Bell Tower. Wire so that if one occupancy sensor detects an occupant the Type 43 luminaires are turned on on all levels. Provide an unswitched connection to each of the emergency units. Coordinate exact location of devices with architect prior to installation. Locate so that they provide sufficient occupancy sensor coverage and provide maximum illumination for the access ladders. Connect to partial circuit N4-37 which serves the linear LED lights in the top level of the bell tower.

Sheet E200

1. Add smoke detector at ceiling within 5ft of new FACP.
2. Provide fire alarm system connection to new sprinkler flow/tamper switches, as required, to extended sprinkler system for new addition.
3. See below plan. Remove all devices and fixtures shown.



Sheet E201

1. Change fire alarm horn/strobe devices to speaker/strobe devices at the basement.

Sheet E202

1. P.104A – add duplex receptacle centered on west wall. Homerun to panel N3 and terminate to spare 20/1 breaker.
2. P.014C – add duplex receptacle centered on west wall. Homerun to panel N3 and terminate to spare 20/1 breaker.
3. Add duplex receptacle centered on west wall of Add smoke detector at ceiling within 5ft of FAAP.
4. Add fire alarm strobe device at ceiling in restroom adjacent to Sacristy 103.
5. Corr. 100B & Corr. 111 – center fire alarm device in ceiling in these corridors.
6. Sacristy 107 – add fire alarm strobe device at ceiling.
7. Vest. 113 – add 4.8kW 208v. 1ph electric wall heater EWH at East wall, recessed. Qmark AWH4508 or equal with integral disconnect and built-in Tstat. 2-#10 plus #10 gnd in 3/4" c. Route to Panel N3 and terminate to 30/2 breaker.
8. Parish Hall 110 – circuits N2-16/17, N2-18/19, N2-48/49 shall be served with adjacent breakers with handle ties to disconnect power to both receptacles simultaneously.
9. Keynote 8 – replace 1/2" c. with 3/4" c.

Sheet E300

1. Panel N2 – provide 2-pole handle ties for circuits 16/17, 18/19, 48/49. Rearrange in panel to accommodate multi-pole breakers for receptacle circuits to ensure power to each duplex receptacle is shutoff during maintenance.
2. Panel N3 – provide an additional 30/2 breaker for EWH.

Sheet E400

1. Panel N4 – replace 20/3 breakers for AHU 1 & 2 with a 50/3 breaker for each.



-
- Equip. Conn. Schedule – wire/conduit for AHU 1 & 2: 3-#8 plus #10 gnd in ¾" c.

Sheet E401

LUMINAIRE SCHEDULE

- Types 1a, 1b, 1c, 1cf, 1d, 1df, 1e, 1g, 1o, 1p, 1t, 1w shall be provided with on/off controls in lieu of 0-10V dimming.
- Add Type 1z - Description: Rose Window Flood Light, Manufacturer: Zumtobel, Model KAVL-32W-K27-FL-92-WH-GES-UNV, 120V, 32w, LED, 32VA, Track Mounting, Note 19.
- Type 3A – Note 5 shall not apply to luminaire type.
- Type 7 - Model shall be: HD6-6301-H-TRM6. Note 18 shall apply to Type 7.
- Type 8 – Change type to Manufacturer: LEDAndon, Model: LD-2837-810-120.
- Type 14 - Model shall be: HD6-6301-H-TRM6. Note 18 shall apply to Type 14.
- Type 22 – Model shall be PBS-9991-FA.
- Add Type 49 - 120V Wall Mounted Glass Globe & Guard with Polycarbonate Lens to luminaire schedule. Manufacture: Hubbell, Model: NV2IG15BSG. Luminaire shall be mounted bottom of luminaire at +6'-8" A.F.F.
- Add luminaire schedule note 18. Note shall read: 'Provide with max wattage label for 20W. Provide TCP LED replacement lamp LED14E26P3030KFL.'
- Add luminaire schedule note 19. Note shall read: 'Provide with Zumtobel GES 70 Monopoint. Provide all necessary additional components for a complete and operable system.'
- Add luminaire schedule note 20. Note shall read: 'Provide a label on the luminaire to be placed on the drivers that states warning – luminaire supplied by multiple circuits'.

RELAY PANEL 'RP1'

- Add nine relays. Refer to sketch E401-1 for updated schedule.

RELAY PANEL 'RP2'

- Add two relays. Refer to sketch E401-2 for updated schedule.

OCCUPANCY SENSOR SCHEDULE

- Refer to sketch E401-3 for updated schedule.

RELAY ONE-LINE

- Refer to sketch E401-4 for updated diagram.

ALTERNATE #1

- Clarification to Luminaire Schedule Note 9 - Provide Owner with a Deduct Alternate to change Types 3, 3A, 4, 12, and 12A from the Crenshaw Tilton Family to a modified version of the Crenshaw Kirkstall family. All notes and requirements noted on the luminaire schedule shall still apply but the model numbers for this alternate shall be updated as follows:
 - Type 3 – PES 3218-MOD-FLED-D, 12'-7" Stem

ADDENDUM



- b. Type 3A – PES 3218-MOD-FLED-D, 3'-0" Stem
- c. Type 4 – CES 3503-FA
- d. Type 12 – WES 3218-FA
- e. Type 12A - WES 3218-X-FA

ALTERNATE #2

- 17. Provide the Owner with a Deduct Alternate to delete the decorative wall bracket described in Luminaire Schedule Note 5 for Type 3 luminaires.

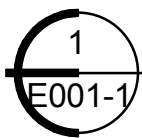
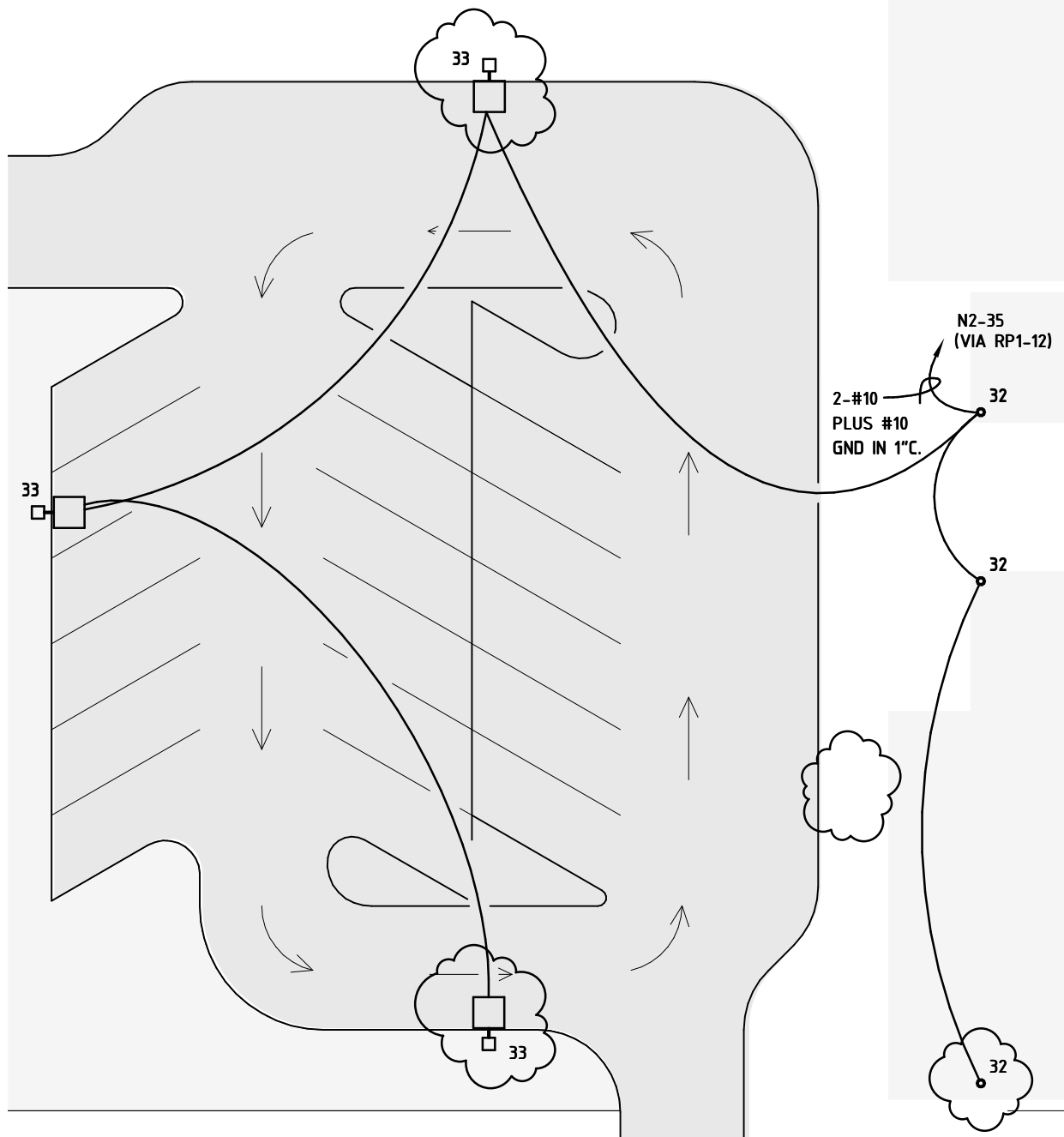
ALTERNATE #3

- 18. Provide the Owner with an Add Alternate to change the fluorescent lamping of the Type 3 and Type 3A luminaires from fluorescent to integral LED with 0-10V dimming. The luminaire shall dim smoothly and continuously down to 5% output (or lower) without visible flicker. Luminaire shall be tested in the factory to determine compatibility of exact LED modules, drivers and other equipment prior to fabrication. Attic stock to fully replace the LED modules and drivers in 2 of the pendants shall be provided. These components shall exactly match those tested and supplied with the custom pendants. Turn the equipment over to the Owner prior to completion of the project.

Sheet E500

- 1. Lightning Protection System – system shall be bonded to the main electrical ground at the existing main electrical service.
- 2. Distribution Panel DP3
- 3. Shall be 600 amp MLO in lieu of 800 amp MLO.
- 4. Panel N4 shall be served with a 200/3 breaker in lieu of 150/3 breaker. Feeder: 4-#3/0 plus #6 gnd in 2" c.

By: Jeff Johnson Rebecca Cherney Matt Benes	Date: 01-09-14
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SITE LIGHTING PLAN - ADDENDUM 1

SCALE: 1" = 20'-0"

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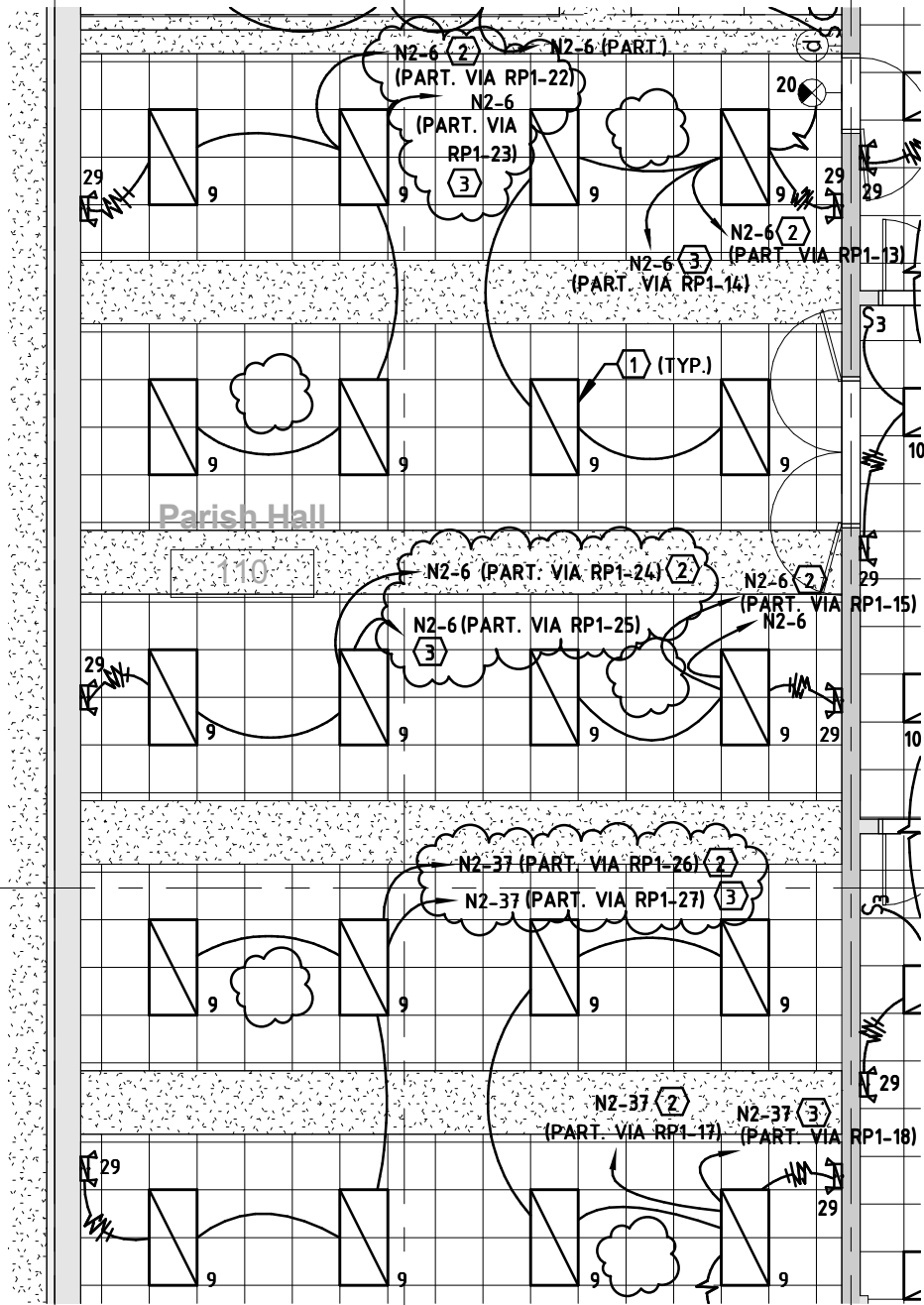
SHEET:

PROJECT#: 12060

DATE: 01/09/14

DESCRIPTION: Addendum 1

E001-1



1
E101-1

FIRST FLOOR LIGHTING PLAN - ADDENDUM 1

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

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SHEET:

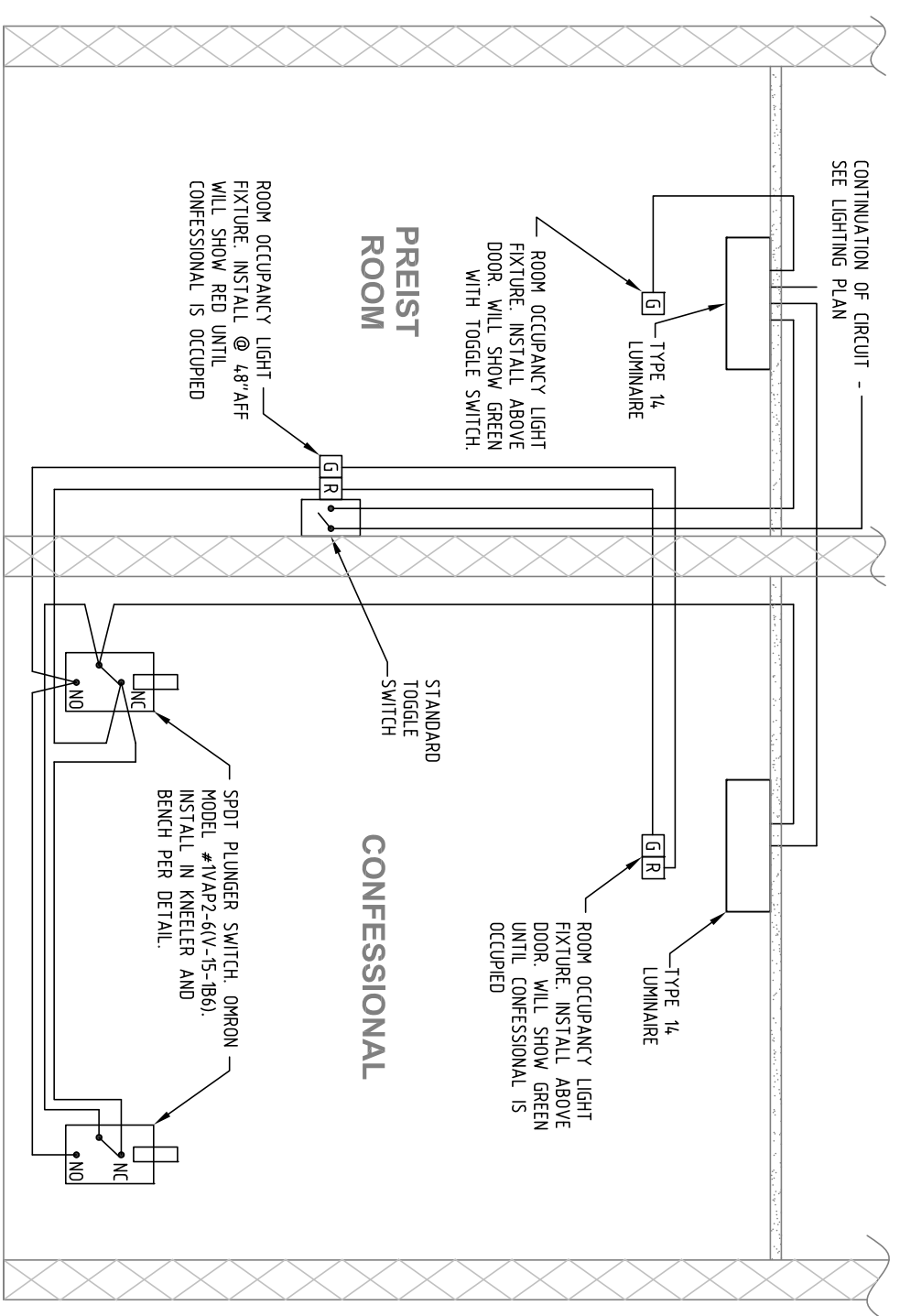
PROJECT#: 12060

DATE: 01/09/14

DESCRIPTION: Addendum 1

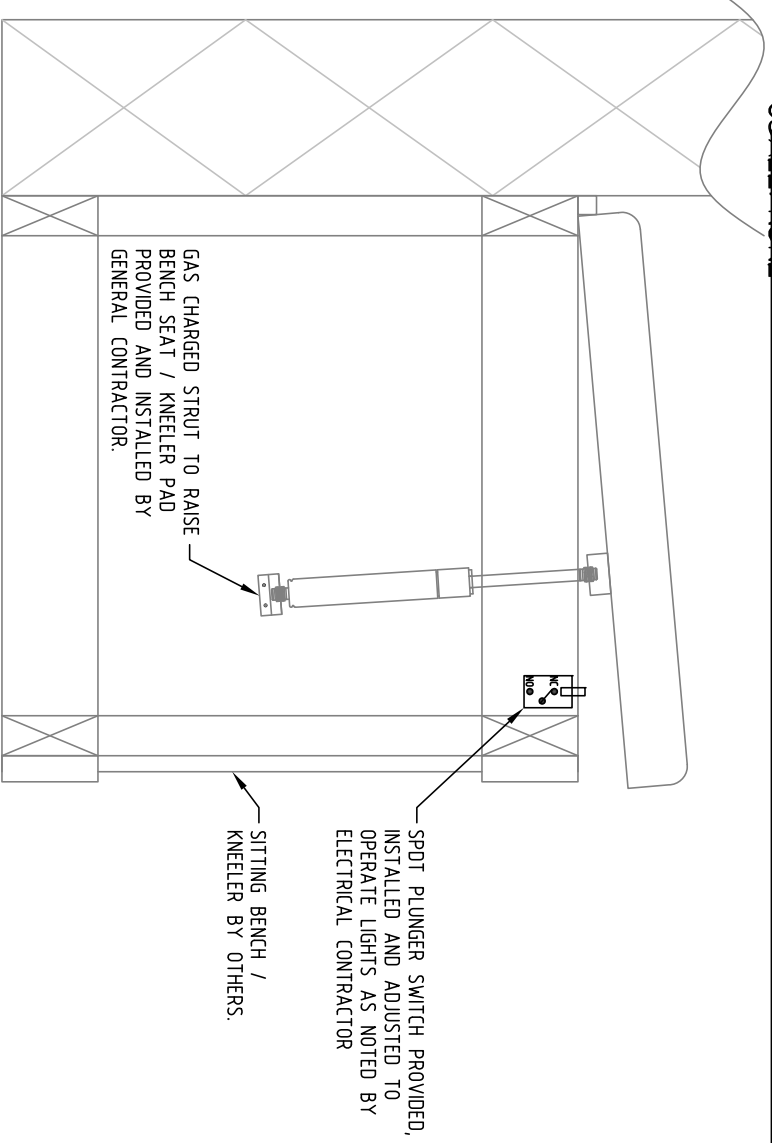
E101-1

CONTINUATION OF CIRCUIT -
SEE LIGHTING PLAN



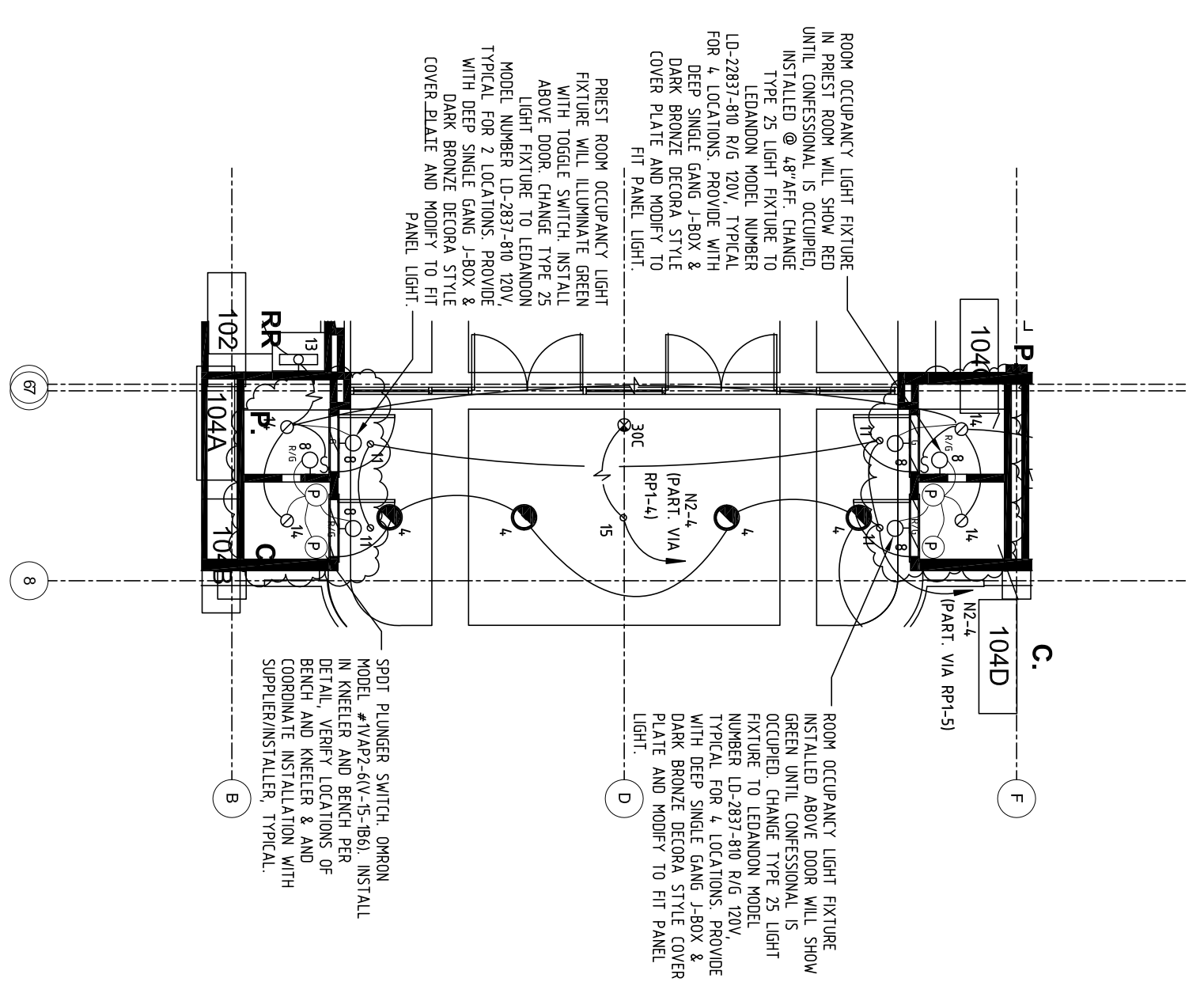
CONFESSIONAL SWITCHING 1-LINE

SCALE: NONE



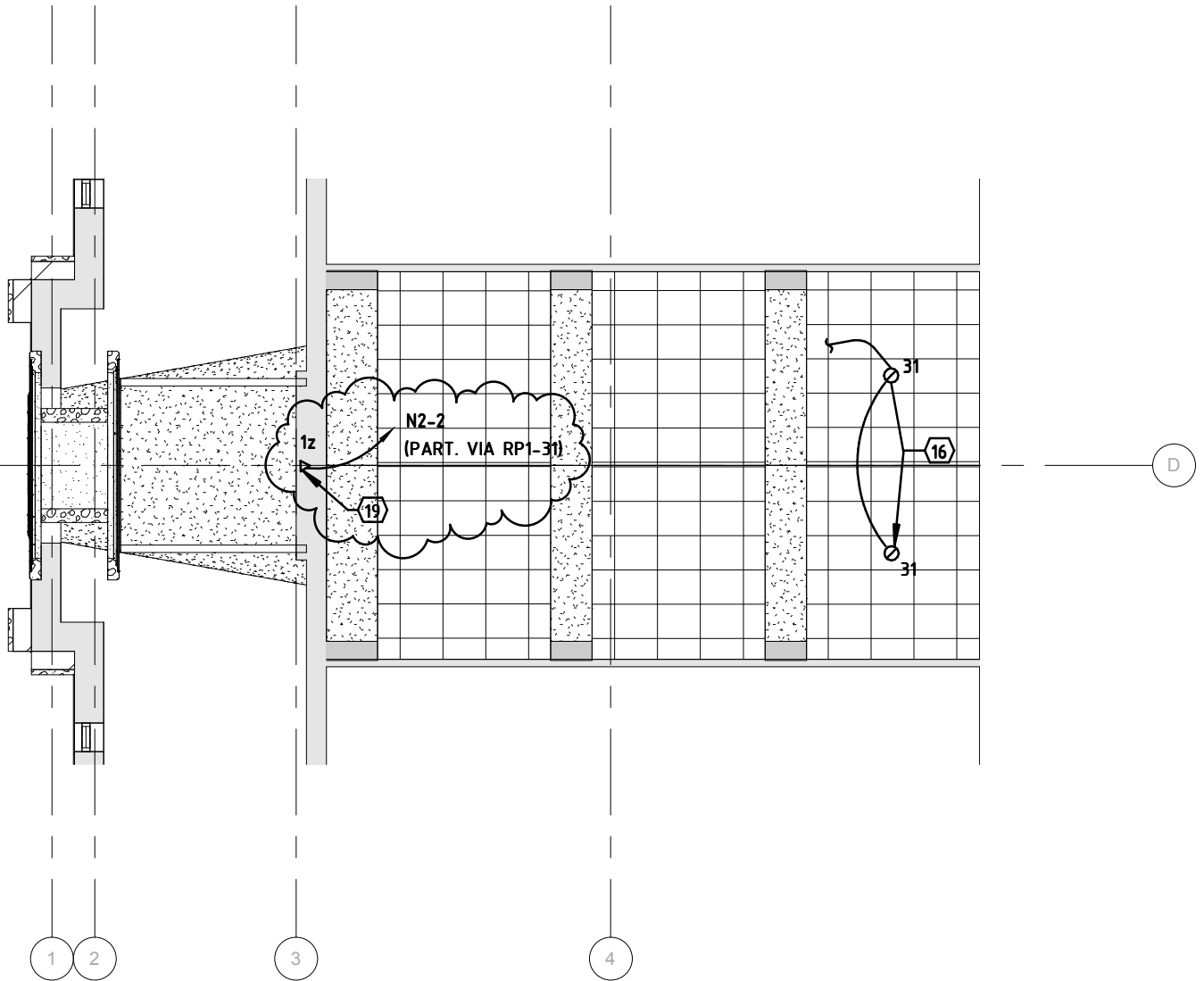
CONFESSIONAL BENCH & KNEELER SWITCH DETAIL

SCALE: NONE



PARTIAL FIRST FLOOR - LIGHTING PLAN - ADDENDUM 1

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



1
E102-1

SECOND FLOOR LIGHTING PLAN - ADD 1

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

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PROJECT: St. Patrick's

SHEET:

PROJECT#: 12060

DATE: 01/09/14

DESCRIPTION: Addendum 1

E102-1

LIGHTING CONTROL RELAY PANEL SCHEDULE

DESIGNATION	MANUFACTURER
'RP1'	LC&D GR2432 ENC GR2432 INT [26] NCL DTC MOD DV

GENERAL NOTES

- FACTORY REPRESENTATIVE SHALL PROGRAM LIGHTING CONTROLS PER CONSTRUCTION DOCUMENTS & OWNER'S INSTRUCTIONS
- VERIFY ALL SETTINGS WITH OWNER, ARCHITECT AND LIGHTING DESIGNER DURING DAYLIGHT AND DARK HOURS
- PROVIDE OWNER TRAINING FOR LIGHTING CONTROL SYSTEM. TRAINING SHALL BE AUDIO & VIDEO RECORDED.
- ALL RELAYS SHALL BE NORMALLY CLOSED UL924 RELAYS

RELAY	POLES	CIRCUIT	DESCRIPTION	EMERGENCY	VOLTAGE	DIMMING	OVERRIDE	NOTES
1	1	N2-4	NORTH SANCTUARY SCONCES	N	120V	NO	MANUAL/ TIMECLOCK	-
2	1	N2-4	NORTH SIDE SCONCES	N	120V	NO	MANUAL/ TIMECLOCK	-
3	1	N2-26	CHRISTMAS LIGHT RECEPTACLES	N	120V	NO	MANUAL/ TIMECLOCK/PC	-
4	1	N2-4	FONT SPOTLIGHT	N	120V	NO	MANUAL/ TIMECLOCK	-
5	1	N2-4	CONFESSIONALS	N	120V	NO	MANUAL/ TIMECLOCK	-
6	1	N2-12	ADORATION CHAPEL UPLIGHT	N	120V	NO	MANUAL/ TIMECLOCK	-
7	1	N2-4	NORTH STATIONS OF THE CROSS	N	120V	NO	MANUAL/ TIMECLOCK	-
8	1	N2-47	SANCTUARY STATUES	N	120V	NO	MANUAL/ TIMECLOCK	-
9	1	N2-2	NARTHEX COVE	N	120V	NO	MANUAL/ TIMECLOCK	-
10	1	N2-2	NARTHEX DOWNLIGHTS/ STATUES	N	120V	NO	MANUAL/ TIMECLOCK	-
11	1	N2-2	LIBRARY PENDANT	N	120V	NO	MANUAL/ TIMECLOCK	-
12	1	N2-35	PARKING LOT LIGHTING	N	120V	NO	MANUAL/ TIMECLOCK/PC	-
13	1	N2-6	PARISH HALL NORTH 2 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
14	1	N2-6	PARISH HALL NORTH 1 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
15	1	N2-6	PARISH HALL CENTRAL 2 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
16	1	N2-6	PARISH HALL CENTRAL 1 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
17	1	N2-6	PARISH HALL SOUTH 2 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
18	1	N2-6	PARISH HALL SOUTH 1 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
19	1	N2-8	EXT PORTICO DOWNLIGHTS	N	120V	NO	MANUAL/ TIMECLOCK/PC	-
20	1	N2-33	EXT SCONCES	N	120V	NO	MANUAL/ TIMECLOCK/PC	-
21	1	N2-8	EXT ADORATION ENTRANCE SCENCE	N	120V	NO	MANUAL/ TIMECLOCK/PC	-
22	1	N2-6	PARISH HALL DAYLIGHT ZONE NORTH 2 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
23	1	N2-6	PARISH HALL DAYLIGHT ZONE NORTH 1 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
24	1	N2-6	PARISH HALL DAYLIGHT ZONE CENTRAL 2 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
25	1	N2-6	PARISH HALL DAYLIGHT ZONE CENTRAL 1 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
26	1	N2-6	PARISH HALL DAYLIGHT ZONE SOUTH 2 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
27	1	N2-6	PARISH HALL DAYLIGHT ZONE SOUTH 1 LAMP	N	120V	NO	MANUAL/ TIMECLOCK	-
28	1	N2-4	SOUTH SANCTUARY SCONCES	N	120V	NO	MANUAL/ TIMECLOCK	-
29	1	N2-4	SOUTH STATIONS OF THE CROSS	N	120V	NO	MANUAL/ TIMECLOCK	-
30	1	N2-4	SOUTH SIDE SCONCES	N	120V	NO	MANUAL/ TIMECLOCK	-
31	1	N2-2	NARTHEX ROSE WINDOW	N	120V	NO	MANUAL/ TIMECLOCK	-
32	1	-	SPARE	N	120V	NO	-	-
33	1	-	SPARE	N	120V	NO	-	-
34	1	-	SPARE	N	120V	NO	-	-
35	1	-	SPARE	N	120V	NO	-	-
36	1	-	SPARE	N	120V	NO	-	-

RP1 - ADDENDUM 1

E401-1 SCALE: 1/8" = 1'-0"

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PROJECT: St. Patrick's

SHEET:

PROJECT#: 12060

DATE: 01/09/14

DESCRIPTION: Addendum 1

E401-1

LIGHTING CONTROL RELAY PANEL SCHEDULE

DESIGNATION	MANUFACTURER
'RP2'	LC&D GR1416 ENC SM GR1416 INT [16] NCL REMOTE DV

GENERAL NOTES

- FACTORY REPRESENTATIVE SHALL PROGRAM LIGHTING CONTROLS PER CONSTRUCTION DOCUMENTS & OWNER'S INSTRUCTIONS
- VERIFY ALL SETTINGS WITH OWNER, ARCHITECT AND LIGHTING DESIGNER DURING DAYLIGHT AND DARK HOURS
- PROVIDE OWNER TRAINING FOR LIGHTING CONTROL SYSTEM. TRAINING SHALL BE AUDIO & VIDEO RECORDED.
- ALL RELAYS SHALL BE NORMALLY CLOSED UL924 RELAYS

RELAY	POLES	CIRCUIT	DESCRIPTION	EMERGENCY	VOLTAGE	DIMMING	OVERRIDE	NOTES
1	1	N4-29	NORTH SIDE AISLE COVE	N	120V	NO	MANUAL/ TIMECLOCK	-
2	1	N4-30	NORTH MAIN COVE	N	120V	NO	MANUAL/ TIMECLOCK	-
3	1	N4-32	CHOIR, READING TRACK	N	120V	NO	MANUAL/ TIMECLOCK	-
4	1	N4-32	CHOIR, WINDOW/ORGAN TRACK	N	120V	NO	MANUAL/ TIMECLOCK	-
5	1	N4-32	ALTAR TRACK	N	120V	NO	MANUAL/ TIMECLOCK	-
6	1	N4-32	CROSS TRACK	N	120V	NO	MANUAL/ TIMECLOCK	-
7	1	N4-32	TABERNACLE TRACK	N	120V	NO	MANUAL/ TIMECLOCK	-
8	1	N4-32	AMBO TRACK	N	120V	NO	MANUAL/ TIMECLOCK	-
9	1	N4-32	PRIEST CHAIR TRACK	N	120V	NO	MANUAL/ TIMECLOCK	-
10	1	N4-32	WEDDING/ FUNERAL TRACK	N	120V	NO	MANUAL/ TIMECLOCK	-
11	1	N4-32	ALTAR GENERAL WASH TRACK	N	120V	NO	MANUAL/ TIMECLOCK	-
12	1	N4-32	ALTAR BACK WALL TRACK	N	120V	NO	MANUAL/ TIMECLOCK	-
13	1	N4-37	ROSE WINDOW	N	120V	NO	MANUAL/ TIMECLOCK	-
14	1	N4-37	BEL TOWER	N	120V	NO	MANUAL/ TIMECLOCK/PC	-
15	1	N4-29	SOUTH SIDE AISLE COVE	N	120V	NO	MANUAL/ TIMECLOCK	-
16	1	N4-30	SOUTH MAIN COVE	N	120V	NO	MANUAL/ TIMECLOCK	-

1 RP2 - ADDENDUM 1

E401-2 SCALE: 1/8" = 1'-0"

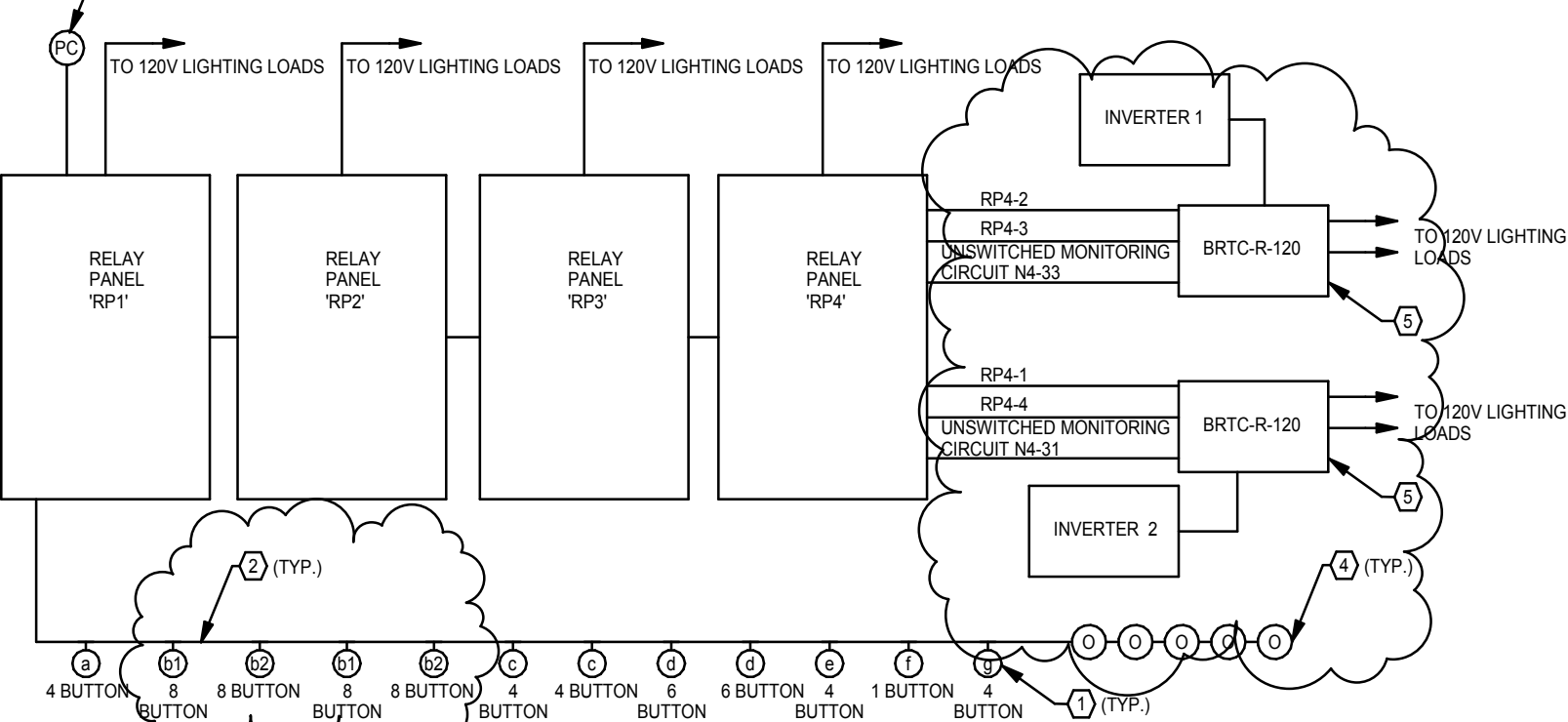


PROJECT: St. Patrick's
 PROJECT#: 12060
 DATE: 01/09/14
 DESCRIPTION: Addendum 1

SHEET:

E401-2

<i>OCCUPANCY SENSOR SCHEDULE</i>				
<i>DESIGNATION</i>	<i>MANUFACTURER</i>	<i>MODEL</i>	<i>DESCRIPTION</i>	<i>NOTES</i>
A	WATT STOPPER	PW-100	PIR WALL SWITCH SENSOR	2, 3
B	WATTSTOPPER	DT-305	CEILING LOW VOLTAGE DUAL TECHNOLOGY SENSOR	1
C	WATT STOPPER	UW-100	ULTRASONIC WALL SWITCH SENSOR	2, 3
D	WATT STOPPER	DSW-100	DUAL TECH WALL SWITCH SENSOR	2, 3



A. FACTORY REPRESENTATIVE SHALL START-UP, PROGRAM, AND COMMISSION LIGHTING CONTROLS PER CONSTRUCTION DOCUMENTS & OWNER'S INSTRUCTIONS. VERIFY ALL SETTINGS WITH OWNER, ARCHITECT AND LIGHTING DESIGNER DURING DAYLIGHT AND DARK HOURS. PROVIDE OWNER TRAINING FOR LIGHTING CONTROL SYSTEM. TRAINING SHALL BE AUDIO & VIDEO RECORDED.

B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A COMPLETE AND OPERABLE CONTROL SYSTEM THAT MEETS THE OUTLINED DESIGN INTENT. CONTROLS MANUFACTURER/ REPRESENTATIVE SHALL PROVIDE COMPLETE DETAILED ONE-LINE DIAGRAM AND EQUIPMENT CUTSHEETS DURING SHOP DRAWINGS AND CONTRACTOR SHALL REFER TO THAT AND MANUFACTURER DATA FOR INSTALLATION INSTRUCTIONS, INFORMATION ABOUT ADDITIONAL/ EXACT CONNECTIONS ETC.

C. REFER TO LIGHTING PLANS, BUTTON STATION SCHEDULES AND RELAY PANEL SCHEDULE FOR EXACT CATALOG NUMBERS FOR EQUIPMENT.

D. MANUAL CONTROL STATIONS SHALL OVERRIDE THE AUTOMATIC CONTROLS AT ALL TIMES.

1) BUTTON CONTROL STATION. BUTTONS SHALL BE WHITE WITH PERMANENT BLACK ENGRAVING. SUBMIT ENGRAVING SHEETS WITH SHOP DRAWINGS. COVERPLATE SHALL MATCH OTHER ELECTRICAL DEVICE COVERPLATES IN THE SPACE. OBTAIN INITIAL PROGRAMMING INSTRUCTIONS FROM LIGHTING DESIGNER PRIOR TO ARRIVING TO SET UP AND PROGRAM SYSTEM. PROGRAMMING SHALL BE VERIFIED OWNER, ARCHITECT, AND LIGHTING DESIGNER. COORDINATE PROGRAMMING TIME WITH ALL PARTIES AT LEAST 1 WEEK IN ADVANCED.

2) PROVIDE CAT6 PATCH CABLE WITH RJ45 CONNECTORS TO CONNECT RELAY PANEL, BUTTON STATIONS, NETWORKED OCCUPANCY SENSORS, PHOTOCCELL, ETC. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT SUPPLIER. CABLING TERMINATIONS SHALL BE COMPLETED BY CERTIFIED LOW VOLTAGE TECHNICIAN. IMPROPER TERMINATIONS MAY RESULT IN MALFUNCTIONS IN THE CONTROL SYSTEM. VERIFY COLOR OF CABLING WITH THE OWNER.

3) PROVIDE AND INSTALL PHOTOCCELL ON ROOF IN A LOCATION THAT IS CONCEALED FROM VIEW BELOW. PROVIDE INTERFACE/ PROGRAMMING AS REQUIRED FOR THE PHOTOCCELL TO CONTROL INDICATED RELAYS BASED ON DAYLIGHT CONDITIONS. FIELD COORDINATE SETTINGS BASED ON MANUFACTURER'S RECOMMENDATIONS AND FOR OPERATION AS DIRECTED BY THE OWNER. REFER TO RELAY PANEL SCHEDULE FOR ADDITIONAL INFORMATION. INSTALL PHOTOSENSOR ON EXTERIOR WALL AS INDICATED ON THE LIGHTING PLANS. INSTALL SENSOR FACING THE UNOBSTRUCTED NORTH SKY. PROVIDE WEATHERPROOF BOX AND ROOF PENETRATION AS REQUIRED.

4) OCCUPANCY SENSOR, REFER TO LIGHTING PLANS FOR ADDITIONAL INFORMATION.

5) PROVIDE NINE 24, INC REMOTE EMERGENCY SHUNT DEVICE. CATALOG NUMBER BLTC-R-120. REFER TO MANUFACTURER LITERATURE FOR EXACT WIRING REQUIREMENTS AND ADDITIONAL INFORMATION.

1 RELAY ONE-LINE - ADDENDUM 1

E401-4 SCALE: 1/8" = 1'-0"

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PROJECT: St. Patrick's

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DATE: 01/09/14

DESCRIPTION: Addendum 1

E401-4