PANELBOARD A(E)	120/240 VOLT, 1 PHASE, 3 WIRE							200A MCB
CKT NO.	FEEDS	C/B	WATTS	PHASE A	PHASE B	WATTS	C/B	FEEDS	CKT NO.
1	LIGHT FIXTURE (6)	20	400			600	20	(6) 1ST FLOOR REC	2
3	EXTERIOR LIGHTING (6)	20	400			600	20	(6) 1ST FLOOR REC	4
5	PULPIT CANDLE LIGHT (6)	20	100			600	20	(6) 2ND FLOOR REC	6
7	ELECT. CLOSET LIGHT (6)	20	100			800	20	(6) 2ND FLOOR REC	8
9	EAST WALL LIGHTS (6)	20	150			—		SPACE	10
11	EXISTING LOAD	20	800			—		SPACE	12
13	EXISTING LOAD	20	800			800	20	EXISTING LOAD	14
15	GFCI REC(E)	20	400			800	20	EXISTING LOAD	16
17	GFCI REC(E)	20	400			400	20	GFCI REC(E)	18
19	GFCI REC(E)	15	200			200	15	GFCI REC(E)	20

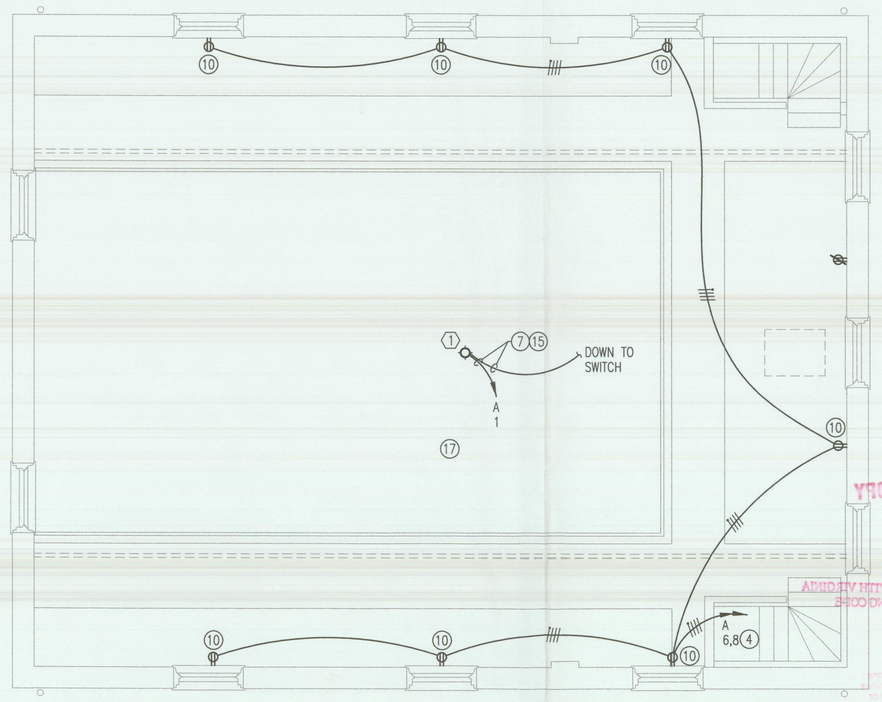
PHASE A: 4,250 VA PHASE B: 4,300 VA TOTAL LOAD: 8,550 VA

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	DESCRIPTION	MODEL NO.	LAMPS
(1)	(12)	PENDANT LIGHT	(12)	(12)
(2)	HUBBELL LIGHTING	EXTERIOR RECESSED UPLIGHT	1175 HL -120V*	175W METAL HALIDE ED-17
(3)	(12)	WALL SCONES	(12)	(12)
(4)	(12)	DECORATIVE CANDLESTICKES	(12)	(12)
(5)	---	120V SOCKET w/PULL STRING	---	60W INCANDESCANT A-TYPE

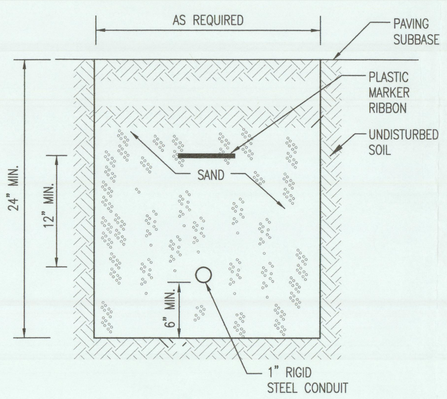
NOTES:

* PROVIDE INTERNAL DIRECTIONAL LOUVER MODEL# 1000DL AND PROTECTIVE GUARD MODEL#1000RG

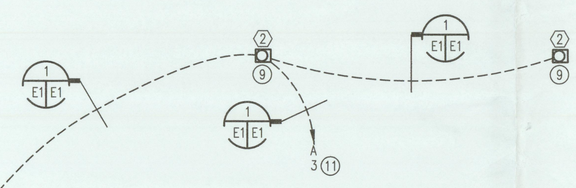


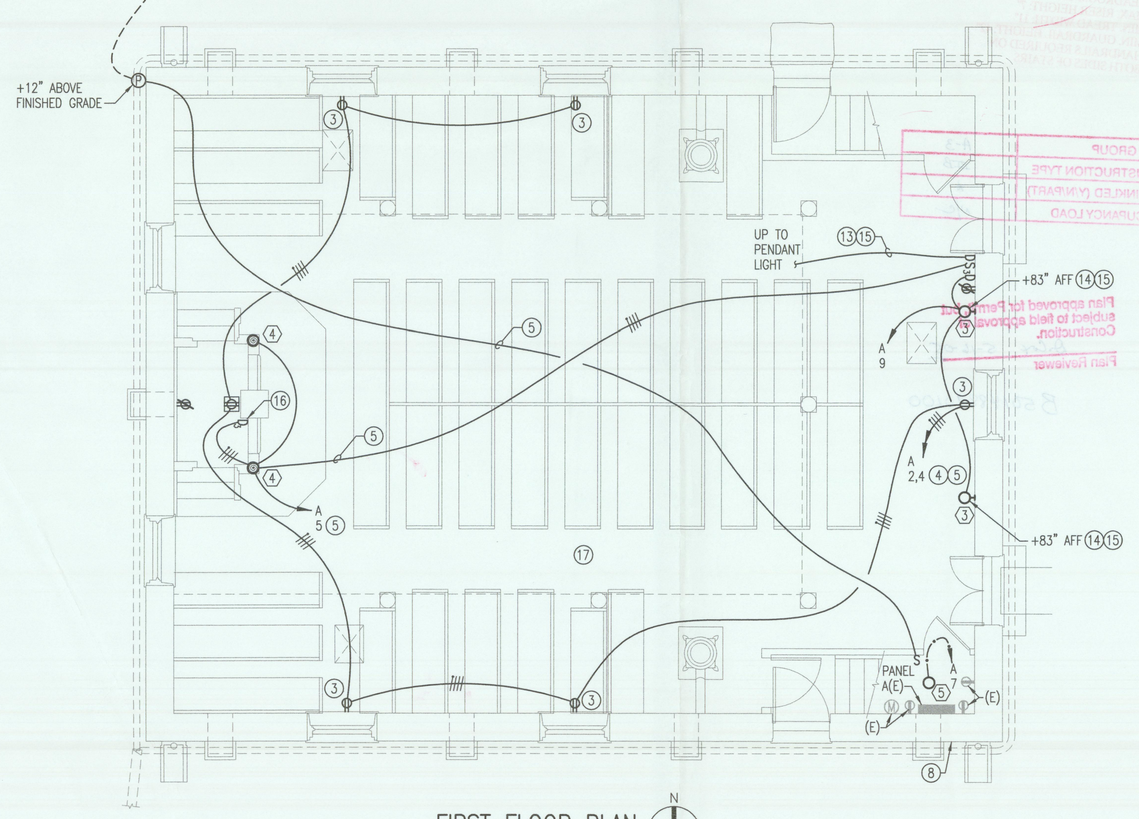
SECOND FLOOR PLAN
SCALE: 1/4"=1'-0"

COST



SECTION (1/E1) E1
BURIED CONDUIT
SCALE: NONE





FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"

SYMBOLS

#10 P-1 1,3,5	BRANCH CIRCUIT CONDUCTORS RUN CONCEALED IN WALLS AND CEILINGS. ALL WIRES SHALL BE A MINIMUM SIZE OF #12 AWG, COPPER, TYPE THHN, 90 DEGREE CELSIUS, UNLESS OTHERWISE NOTED. CONDUIT MAY BE EMT OR RIGID STEEL.
	HOMERUN TO PANELBOARD. NUMBER OF ARROWHEADS INDICATES NUMBER OF CIRCUITS.
	NUMBER OF SLASH MARKS INDICATES NUMBER OF CONDUCTORS IN RACEWAY. NO SLASH MARKS INDICATES TWO #12's AND A GROUND CONDUCTOR.
1	GREEN INSULATED GROUND WIRE IN CONDUIT.
P-1	PANELBOARD TO WHICH CIRCUITS RUN.
1,3,5	CIRCUIT BREAKERS SERVING THESE CIRCUITS.
#10	WIRE SIZE IN AWG. NO SIZE SHOWN INDICATES #12 AWG.
	CEILING MOUNTED LUMINAIRE, TYPE AS INDICATED.
	CANDLESTICK LUMINAIRE, TYPE AS INDICATED.
	PENDANT MOUNTED LUMINAIRE, TYPE AS INDICATED.
	BRACKET MOUNTED LUMINAIRE, TYPE AS INDICATED.
	IN-GROUND UPLIGHT LUMINAIRE, TYPE AS INDICATED.
(1)	INDICATES LIGHTING FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE OR DETAILS.
S	SINGLE POLE LIGHTING SWITCH
D	DIMMER LIGHTING SWITCH
S_3	3-WAY LIGHTING SWITCH
D_3	3-WAY DIMMER LIGHTING SWITCH
	DUPLEX RECEPTACLE, 2-POLE, 3-WIRE, 125 VOLTS, NEMA 5-20R CONFIGURATION. MOUNT 18" AFF UNLESS OTHERWISE NOTED OR INDICATED.
	DUPLEX RECEPTACLE, SIMILAR TO ABOVE EXCEPT FLUSH MOUNT IN FLOOR.
	DUPLEX RECEPTACLE, SIMILAR TO ABOVE EXCEPT PROVIDE TWO RECEPTACLES IN SAME OUTLET BOX TO FORM A DOUBLE CONFIGURATION.
	PANELBOARD
(M)	METER
(P)	ELECTRIC PHOTOCELL
	EXISTING WALL MOUNTED DUPLEX RECEPTACLE. REMOVE UNDER THIS CONTRACT. REMOVE CONDUIT AND CONDUCTORS COMPLETELY BACK TO SERVING PANELBOARD.
3	DETAIL/SECTION NUMBER
E2	DETAIL OR SECTION DESIGNATION
E5	DRAWING WHERE DETAIL/SECTION IS SHOWN
	DRAWING WHERE DETAIL/SECTION IS REFERENCED
(2)	NOTE NUMBER
A	AMPERES
AFF	ABOVE FINISHED FLOOR
(E)	EXISTING
MCB	MAIN CIRCUIT BREAKER
P	POLE
V	VOLTAGE
VA	VOLT AMPERES

NOTES

1. ALL WORK SHALL BE NEW AND PROVIDED UNDER THIS CONTRACT UNLESS SPECIFICALLY MARKED 'EXISTING', 'EXIST.', OR '(E)'.
2. VERIFY LOCATIONS AND DIMENSIONS OF EXISTING EQUIPMENT AND COORDINATE ALL WORK PRIOR TO THE START OF CONSTRUCTION.
3. SEE ARCHITECTURAL DRAWINGS FOR RECEPTACLE MOUNTING DETAIL.
4. PROVIDE ADJACENT RECEPTACLES ON ALTERNATE CIRCUITS.
5. CONDUIT SHALL BE CONCEALED IN CRAWL SPACE BELOW.
6. PROVIDE 100AF/1P/20AT CIRCUIT BREAKER, TO MATCH EXISTING, IN SPACE IN PANELBOARD.
7. RUN CONDUIT IN ATTIC SPACE OVER TO SOUTHWEST CORNER OF BUILDING. CONCEAL CONDUIT FROM ATTIC SPACE TO BELOW BALCONY IN NEW PLASTER WALL. RUN TO PANELBOARD IN BALCONY FLOOR ENCLOSURE.
8. EXISTING INCOMING ELECTRICAL SERVICE OWNED BY DOMINION VIRGINIA POWER TO BE RELOCATED TO BELOW GRADE BY OWNER.
9. PROVIDE EXTERIOR RECESSED LIGHTING FIXTURE. MOUNT 12'-0" FROM NORTH SIDE OF BUILDING VERTICAL FACE, 8'-0" ON EACH SIDE OF BUILDING CENTERLINE. CONTROL LIGHTS WITH A SINGLE PHOTOCELL AND 2 POLE LIGHT SWITCH. SWITCH SHALL OVERRIDE PHOTOCELL. COORDINATE PRECISE LOCATION OF FIXTURES WITH OWNER DURING CONSTRUCTION.
10. CONDUIT SHALL BE CONCEALED IN BALCONY FLOOR ENCLOSURE. SURFACE MOUNT RECEPTACLES ON WALL, FLUSH TO FLOOR. COORDINATE WITH CEILING DEMOLITION AND NEW WORK DURING INSTALLATION OF CONDUIT. SEE ARCHITECTURAL REFLECTED CEILING PLAN. NO ADDITIONAL CEILING DEMOLITION MAY OCCUR TO INSTALL CONDUIT.
11. RUN CONDUIT UNDER GROUND INTO CRAWL SPACE AND PENETRATE DECK INTO ELECTRICAL CLOSET.
12. LIGHTING FIXTURES PROVIDED BY OWNER, INSTALLED BY CONTRACTOR.
13. CONCEAL CONDUIT IN PLASTER DOWN TO CRAWL SPACE.
14. CONCEAL CONDUIT IN PLASTER UP TO BALCONY FLOOR ENCLOSURE. RUN TO ABOVE PANELBOARD.
15. ALL PLASTER WORK SHALL BE COORDINATED WITH AND PERFORMED BY THE APPROVED PLASTERER ONLY.
16. DIMMER SWITCH MOUNTED TO PULPIT. LOCATION TO BE DETERMINED BY OWNER DURING CONSTRUCTION.
17. THE EXISTING BUILDING AND PROPERTY HAS CONSIDERABLE HISTORICAL SIGNIFICANCE. ALL WORKERS, REGARDLESS OF TRADE OR POSITION, SHALL RESPECT THE FRAGILE HISTORIC FABRIC OF THE BUILDING. THE CONTRACTOR SHALL TAKE SPECIAL CARE TO AVOID DAMAGING, REMOVING, OR OTHERWISE COMPROMISING THE HISTORICAL INTEGRITY OF THE EXISTING CONDITIONS. NO ITEMS MAY BE DEMOLISHED OR REMOVED FROM THE SITE WITHOUT PRIOR CONSENT FROM THE OWNER.

4' 0' 2' 4' 8'
SCALE: 1/4" = 1'-0"

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Mount ZION Church Restoration

Loudoun County Department of Parks, Recreation, and Community Services

Virginia State project # 0000

COMMONWEALTH OF VIRGINIA
SHARON M. GORICK
No. 0402 028716
4/25/05
PROFESSIONAL ENGINEER

Sheet Title:

ELECTRICAL SYMBOLS, SCHEDULES, AND PLANS

Drawing Number. 1 Of 1

E-1

Issue Date: 04/24/05

Drawn By: MK
Checked By: SG
Project Number: 03-A.01