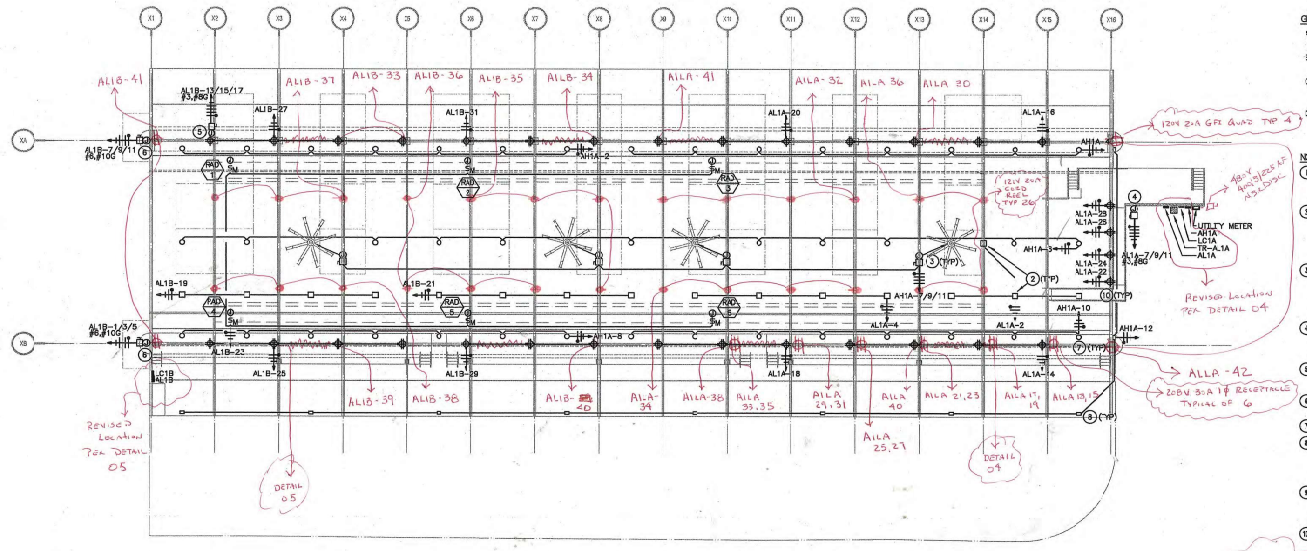


1 SHED 1 PLAN - ELECTRICAL

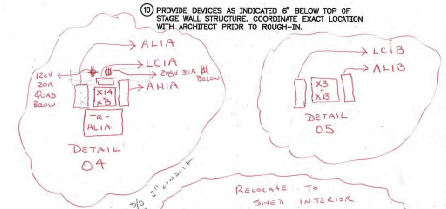
SCALE: 1/16" = 1'-0"

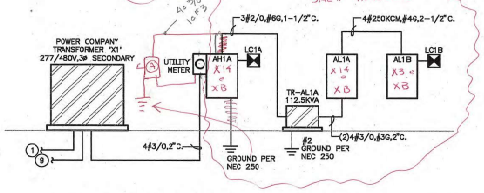
GENERAL NOTES:

1. ALL EQUIPMENT AND DEVICES TO BE WEATHERPROOF, GFCI, NEMA 3R AS REQUIRED.
3. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
2. ALL LIGHTING TO BE ROUTED THROUGH LIGHTING CONTROL PANEL FOR PHOTOCELL/TIME OF DAY/LOCAL OVERRIDE SWITCH CONTROL.
4. PROVIDE CONNECTION AS REQUIRED FOR RADIANT HEATERS. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

NOTES BY SYMBOL:

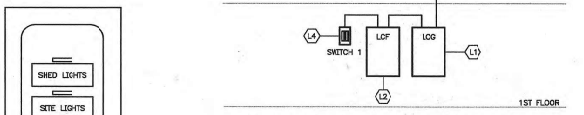
1. COORDINATE "PRIMARY" ELECTRICAL SERVICE AND UTILITY TRANSFORMER REQUIREMENTS WITH UTILITY PROVIDER. REFER TO STREETSCAPE PLANS FOR ADDITIONAL INFORMATION.
2. PRICE AS ALTERNATE: PROVIDE CONNECTION AS REQUIRED FOR PROJECTORS. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH ARCHITECT/MANUFACTURER PRIOR TO ROUGH-IN. PROVIDE ADDITIONAL CONDUIT AS REQUIRED FOR INPUT CONNECT PER OWNERS AV CONSULTANT PLANS.
3. PROVIDE CONNECTION AS REQUIRED FOR PROP FANS. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH ARCHITECT/MANUFACTURER PRIOR TO ROUGH-IN. PROVIDE ADDITIONAL CONDUIT AS REQUIRED FOR CONNECTION OF CONTROL DEVICE. COORDINATE CONTROL LOCATION WITH ARCHITECT/OWNER
4. PROVIDE 100A DISCONNECT NEAR STAGE FOR CONNECTION OF EVENT POWER. COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
5. PROVIDE CONNECTION FOR FOUNTAIN SYSTEM. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
6. PROVIDE 60A DISCONNECT FOR CONNECTION OF PORTABLE KIOSK UNIT.
7. LIGHT FIXTURES TO BE IQUZZINI #L4327-277-10.
8. REUSE/RELOCATE EXISTING FIXTURES AS REQUIRED FOR NEW LAYOUT. FIXTURES ON NORTH SIDE OF SHED TO BE REMOVED AND REUSED OR RETURNED TO OWNER FOR BUILDING STOCK. PROVIDE NEW LAMPS AS REQUIRED.
9. (6)4"C. STUBBED OUT FOR CONNECTION TO FUTURE RESIDENTIAL/RETAIL BUILDING NORTH OF SHED 1. REFER TO STREETSCAPE PLANS FOR ADDITIONAL INFORMATION.
10. PROVIDE DEVICES AS INDICATED 6" BELOW TOP OF STAGE WALL STRUCTURE. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

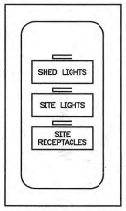




2 ELECTRICAL RISER DIAGRAM

SCALE: NONE





SWITCH 1

SWITCH DETAIL NOTES:

1. COORDINATE LOCATION OF SWITCHES WITH OWNER/ARCHITECT PRIOR TO ELECTRICAL ROUGH-IN.
2. VERIFY BUTTON PROGRAMMING AND ENGRAVING WITH OWNER PRIOR TO ORDERING SWITCHES.

4 OVERRIDE SWITCH DETAIL

SCALE: NONE

LIGHTING CONTROL RISER NOTES:

1. PROVIDE LEVITON GREEN MAX R13TC-1CO RELAY CABINET WITH RPM16-1 6 MAIN COMMAND MODULE, RHDU2-O10 DISPLAY UNIT, AND (16) GREEN MAX 1CB RELAYS. REFER TO LIGHTING CONTROL SCHEDULES ON THIS SHEET FOR RELAY QUANTITY AND PANEL PROGRAMMING INFORMATION.
2. PROVIDE LEVITON GREEN MAX R13TC-1CO RELAY CABINET WITH RHDU2-O10 DISPLAY UNIT, AND (16) GREEN MAX 1CB RELAYS. REFER TO LIGHTING CONTROL SCHEDULES ON THIS SHEET FOR RELAY QUANTITY AND PANEL PROGRAMMING INFORMATION.
3. PROVIDE LEVITON PHOTOCELL ON ROOF FACING NORTH.
4. PROVIDE LEVITON PUSH BUTTON WALL SWITCH FOR PANEL RELAY OVERRIDE WITH KEYED COVER ENCLOSURE. COORDINATE LOCATION OF SWITCH WITH OWNER PRIOR TO ROUGH-IN. REFER TO DETAIL THIS SHEET FOR SWITCH CONFIGURATION AND PROGRAMMING INFORMATION.

3 LIGHTING CONTROL RISER

SCALE: NONE

LIGHTING CONTROL SCHEDULES

PANEL NAME: L41A — AIC RATING: 22,000 — MOUNTING: SURFACE, NEMA 3R — LOCATION: SHED 1 — AREA SERVED: SHED 1SITE

RELAY/BRN'CH #	CIRCUIT	LOAD DESCRIPTION	VOLTAGE	PRIMARY ON	PRIMARY OFF	OVERRIDE ON	OVERRIDE OFF
1	AHA-14	SITE LTG	277	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH 1
2	AHA-16	SITE LTG	277	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH 1
3	AHA-2	SPARE SHED LITE	277	P/C	P/C	SWITCH 1	SWITCH 1
4	4	SPARE SHED LITE	277	"	"	"	"
5	6	SPARE SHED LITE	277	"	"	"	"
6	8	SPARE SHED LITE	277	"	"	"	"
7	10	SPARE SHED LITE	277	"	"	"	"
8	12	SPARE SHED LITE	277	"	"	"	"

SPECIFICATION:

GENERAL NOTES:

1. PROVIDE VOLTAGE SEPARATOR AS REQUIRED BY LOCAL CODE
2. ALL RELAYS TO BE DUAL RATED 120/277
3. VERIFY FINAL PROGRAMMING WITH FACILITY OWNER/MANAGER
4. TIMECLOCK TO BE MULTIOUTPUT ASTRONOMICAL WITH 4 HOUR BATTERY BACKUP
5. TIMES SHOWN ARE INITIAL SETTINGS, VERIFY TIMES WITH FACILITY OWNER/MANAGER
6. OVERRIDE SWITCHED TO BE GREENMAX DIGITAL SWITCH
7. PROVIDE LEVITON PHOTOCELL MOUNTED ON ROOF FACING NORTH. INSTALL PHOTOCELL PER MANUFACTURERS RECOMMENDATIONS

DESIGN NOTE: THIS PANEL IS SPECIFIED TO MEET THE REQUIREMENTS OF THE ASHRAE 90.1 FOR AREAS OVER 250 SF AND FOR EXTERIOR AREA LTG.

LIGHTING CONTROL SCHEDULES

PANEL NAME: L41B — AIC RATING: 22,000 — MOUNTING: SURFACE, NEMA 3R — LOCATION: SHED 1 — AREA SERVED: SITE

RELAY/BRN'CH #	CIRCUIT	LOAD DESCRIPTION	VOLTAGE	PRIMARY ON	PRIMARY OFF	OVERRIDE ON	OVERRIDE OFF
1	AL1B-10	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
2	AL1B-12	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
3	AL1B-14	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
4	AL1B-16	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
5	AL1B-18	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
6	AL1B-20	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
7	AL1B-22	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
8	AL1B-24	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
9	AL1B-26	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
10	AL1B-28	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
11	AL1B-30	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
12	AL1B-32	LANDSCAPE RCPT	120	PHOTOCELL	TIMECLOCK	SWITCH 1	SWITCH1
13		SPARE					
14		SPARE					
15		SPARE					
16		SPARE					

SPECIFICATION:

GENERAL NOTES:

1. PROVIDE VOLTAGE SEPARATOR AS REQUIRED BY LOCAL CODE
2. ALL RELAYS TO BE DUAL RATED 120/277
3. VERIFY FINAL PROGRAMMING WITH FACILITY OWNER/MANAGER
4. TIMECLOCK TO BE MULTIOUTPUT ASTRONOMICAL WITH 4 HOUR BATTERY BACKUP
5. TIMES SHOWN ARE INITIAL SETTINGS, VERIFY TIMES WITH FACILITY OWNER/MANAGER
6. OVERRIDE SWITCHED TO BE GREENMAX DIGITAL SWITCH
7. PROVIDE LEVITON PHOTOCELL MOUNTED ON ROOF FACING NORTH. INSTALL PHOTOCELL PER MANUFACTURERS RECOMMENDATIONS

DESIGN NOTE: THIS PANEL IS SPECIFIED TO MEET THE REQUIREMENTS OF THE ASHRAE 90.1 FOR AREAS OVER 250 SF AND FOR EXTERIOR AREA LTG.

PANELBOARD SCHEDULE

MAIN SIZE: 225 A — MAIN TYPE: MCB — SECTION 1 — PANEL NAME: NH1A
AIC RATING: 42,000 — MOUNTING: SURFACE, NEMA 3R — VOLTAGE: 480/277V 3PH,4W

	DESCRIPTION	AMPS POLE	LTG	RCPT	MTR	HEAT	RTGH	MISC	LOAD (KVA) MISC	RTGH	HEAT	MTR	RCPT	LTG	AMPS POLE	DESCRIPTION	
1	TR-AL1A	175/1	0.00	13.86	0.00	0.00	1.00	26.40	1	A	2			1.00	20/1	SHED LTG	2
3	"	*	0.00	13.86	0.00	0.00	1.00	26.40	3	B	4			2.00	20/1	SHED LTG	4
5	"	*	0.00	13.86	0.00	0.00	1.00	26.40	5	C	6			3.00	20/1	SHED LTG	6
7	FANS	1/0.9			2.77				7	A	8			1.00	20/1	SHED LTG	8
9	"	*			2.77				9	B	10			2.00	20/1	SHED LTG	10
11	"	*			2.77				11	C	12			1.00	20/1	SHED LTG	12
13	SPARE	20/1							13	A	14			2.00	20/1	SITE LTG	14
15	SPARE	20/1							15	B	16			2.00	20/1	SITE LTG	16
17	SPARE	20/1							17	C	18				20/1	SPARE	18
19	SPARE	20/1							19	A	20				20/1	SPARE	20
21	SPARE	20/1							21	B	22				20/1	SPARE	22
23	SPARE	20/1							23	C	24				20/1	SPARE	24
25	SPACE								25	A	26					SPACE	26
27	SPACE								27	B	28					SPACE	28
29	SPACE								29	C	30					SPACE	30
31	SPACE								31	A	32					SPACE	32
33	SPACE								33	B	34					SPACE	34
35	SPACE								35	C	36					SPACE	36
37	SPACE								37	A	38					SPACE	38
39	SPACE								39	B	40					SPACE	40
41	SPACE								41	C	42					SPACE	42
	TOTALS		0.00	41.58	8.31	0.00	1.00	78.40				0.00	0.00	1.00	0.00	0.00	10.55	TOTALS

REMARKS:

PANELBOARD SCHEDULE

MAIN SIZE: 400 A — MAIN TYPE: MCB — SECTION 1 — PANEL NAME: NL1A
AIC RATING: 22,000 — MOUNTING: SURFACE, NEMA 3R — VOLTAGE: 208/120V 3PH,4W

	DESCRIPTION	AMPS POLE	LTG	RCPT	MTR	HEAT	RTGH	MISC	LOAD (KVA) MISC	RTGH	HEAT	MTR	RCPT	LTG	AMPS POLE	DESCRIPTION	
1	PNL AL1B	20/1	0.00	8.18	0.00	0.00	1.00	18.40	1	A	2			1.00		PROJECTOR	3
3	"	*	0.00	8.18	0.00	0.00	1.00	18.40	3	B	4			1.00		PROJECTOR	4
5	"	*	0.00	8.18	0.00	0.00	1.00	18.40	5	C	6			1.00		POLE RCPT	6
7	EVENT POWER	100/1						8.00	7	A	8			1.00		POLE RCPT	8
9	"	*						8.00	9	B	10			1.00		POLE RCPT	10
11	"	*						8.00	11	C	12			1.00		POLE RCPT	12
13	SPARE	20/1							13	A	14			1.44		RCPT	14
15	SPARE	20/1							15	B	16			1.44		RCPT	16
17	SPARE	20/1							17	C	18			1.08		RCPT	18
19	SPARE	20/1							19	A	20			1.08		RCPT	20
21	SPARE	20/1							21	B	22			1.80		STAGE RCPT	22
23	SPARE	20/1							23	C	24			1.80		STAGE RCPT	24
25	SPARE	20/1							25	A	26			1.80		STAGE RCPT	26
27	SPARE								27	B	28			1.80		STAGE RCPT	28
29	SPACE								29	C	30					SPACE POLE R	30
31	SPACE								31	A	32					SPACE COLD R	32
33	SPACE								33	B	34					SPACE COLD R	34
35	SPACE								35	C	36					SPACE COLD R	36
37	SPACE								37	A	38					SPACE POLE R	38
39	SPACE								39	B	40					SPACE POLE R	40
41	SPACE POLE R	20/1							41	C	42					SPACE POLE R	42
	TOTALS		0.00	24.54	0.00	0.00	1.00	78.40				0.00	0.00	1.00	0.00	0.00	17.04	0.00 TOTALS

REMARKS:

PANELBOARD SCHEDULE

MAIN SIZE: 200 A — MAIN TYPE: MLO — SECTION 1 — PANEL NAME: NL1B
AIC RATING: 10,000 — MOUNTING: SURFACE, NEMA 3R — VOLTAGE: 208/120V 3PH,4W

	DESCRIPTION	AMPS POLE	LTG	RCPT	MTR	HEAT	RTGH	MISC	LOAD (KVA) MISC	RTGH	HEAT	MTR	RCPT	LTG	AMPS POLE	DESCRIPTION	
1	KIOSK	60/3						5.00	1	A	2			1.00	20/1	POLE RCPT	2
3	"	*						5.00	3	B	4			1.00	20/1	POLE RCPT	4
5	"	*						5.00	5	C	6			1.00	20/1	POLE RCPT	6
7	KIOSK	60/3						5.00	7	A	8			1.00	20/1	POLE RCPT	8
9	"	*						5.00	9	B	10			1.00	20/1	LANDSCAPE RCP	10
11	"	*						5.00	11	C	12			1.00	20/1	LANDSCAPE RCP	12
13	FOUNTAIN	100/1						8.00	13	A	14			1.00	20/1	LANDSCAPE RCP	14
15	"	*						8.00	15	B	16			1.00	20/1	LANDSCAPE RCP	16
17	"	*						8.00	17	C	18			1.00	20/1	LANDSCAPE RCP	18
19	PROJECTOR	20/1		1.10					19	A	20			1.00	20/1	LANDSCAPE RCP	20
21	PROJECTOR	20/1		1.10					21	B	22			1.00	20/1	LANDSCAPE RCP	22
23	HEATERS	20/1		1.10					23	C	24			1.00	20/1	LANDSCAPE RCP	24
25	RCP	20/1		1.44					25	A	26			1.00	20/1	LANDSCAPE RCP	26
27	RCP	20/1		1.44					27	B	28			1.00	20/1	LANDSCAPE RCP	28
29	RCP	20/1		1.48					29	C	30			1.00	20/1	LANDSCAPE RCP	30
31	RCP	20/1		1.48					31	A	32			1.00	20/1	LANDSCAPE RCP	32
33	SPARE POLE R	20/1							33	B	34				20/1	SPARE POLE R	34
35	SPARE POLE R	20/1							35	C	36				20/1	SPARE COLD R	36
37	SPARE COLD R	20/1							37	A	38				20/1	SPARE COLD R	38
39	SPARE POLE R	20/1							39	B	40				20/1	SPARE POLE R	40
41	SPARE COLD R	20/1							41	C	42				20/1	SPARE	42
	TOTALS		0.00	6.14	0.00	0.00	1.00	54.00				0.00	0.00	1.00	0.00	0.00	18.00	0.00 TOTALS

REMARKS:

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www.gff.com

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Spectrum Properties, Inc
1414 Elm St. Suite 200
Dallas, Texas 75202

SHED 1
FARMERS MARKET
DALLAS, TEXAS

No.	Date	Item
3		ALL RED
2		REVISED PST
1	6/20/14	SITE Meet

REVISIONS

Drawn
Checked
Approved

SIMDER E. STEGE 108503 LICENSED PROFESSIONAL ENGINEER 1/29/13

SHED 1
ELECTRICAL
PLAN

Project No. 13142.01
Date 11.27.2013
Last Revision

E2.01

SCHMIDT & STACY CONSULTING ENGINEERS, INC.
406 CITYPLACE
2711 N. HASKELL AVE.
DALLAS, TEXAS 75204
214-874-0320
TEXAS REGISTRATION #F000321
PROJECT # 2344001

TRUE NORTH — PLAN NORTH

USERNAME: SCSTEGE(NOVAH)
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PLOT STYLE: COLOR.CTB
LAST SAVED: 2/28/14 13