



1 EXISTING ELECTRICAL RISER DIAGRAM - PHASE 2
SCALE: NONE

2 NEW ELECTRICAL RISER DIAGRAM - PHASE 2
SCALE: NONE

EXISTING PANEL 'PM'											
NOTES	DESCRIPTION	P - AMP	LOAD			PH / CKT #	LOAD			DESCRIPTION	NOTES
			LIGHTING	POWER			LIGHTING	POWER			
	Existing	1 - 20				1 A 2				Existing	
	Existing	1 - 20				3 C 4				Existing	
	Existing	1 - 20				5 A 6				Existing	
	New Receptacles	1 - 20		1800		1 C 8	1800			New Receptacles	
	Space Only	1 - -	.....			9 A 10	.....			Space Only	
	Space Only	1 - -	.....			11 C 12	.....			Space Only	
	Space Only	1 - -	.....			13 A 14	.....			Space Only	
	Space Only	1 - -	.....			15 C 16	.....			Space Only	
	Space Only	1 - -	.....			17 A 18	.....			Space Only	
	Space Only	1 - -	.....			19 C 20	.....			Space Only	
	Space Only	1 - -	.....			21 A 22	.....			Space Only	
	Space Only	1 - -	.....			23 C 24	.....			Space Only	
	Space Only	1 - -	.....			25 A 26	.....			Space Only	
	Space Only	1 - -	.....			27 C 28	.....			Space Only	
	Space Only	1 - -	.....			29 A 30	.....			Space Only	
	Space Only	1 - -	.....			31 C 32	.....			Space Only	
	Space Only	1 - -	.....			33 A 34	.....			Space Only	
	Space Only	1 - -	.....			35 C 36	.....			Space Only	
	Space Only	1 - -	.....			37 A 38	.....			Space Only	
	Space Only	1 - -	.....			39 C 40	.....			Space Only	
LOAD SUMMARY			CONN. KW	NEC. DIV. KW		POLES	SIZE	MAIN	VOLTS	A.I.C.	MOUNTING
LIGHTING			---	X 125	---	40	400 AMP	700 AMP M.C.B.	120/240V, 1ø, 3W	10K	Surface
POWER			---	X 10	---	200 AMP	200 AMP M.C.B.				Surface
OTHER			0.0	X 10	0.0						NEMA 3R
TOTALS			---	---	---	---	---	---	---	---	---
PROJECT		Downtown Rockwall Streetscape - Phase 2 Rockwall, Texas			NOTES:		PANEL AMPS ---				
PANEL LOCATION:		Middle of Pedestrian Mall - East Side Mounted on Exterior of Bldg.			LOADS PER PHASE:		PHASE A (KW) --- PHASE B (KW) --- PHASE C (KW) ---				
DATE:		February 2014									

NEW PANEL 'DH'											
NOTES	DESCRIPTION	P - AMP	LOAD			PH / CKT #	LOAD			DESCRIPTION	NOTES
			LIGHTING	POWER			LIGHTING	POWER			
	New Street Lighting	1 - 30		4155		1 A 2			3140	1 - 30	New Street Lighting
	New Street Lighting	1 - 30		3324		3 B 4			3324	1 - 30	New Street Lighting
	New Street Lighting	1 - 30		4155		5 C 6			3140	1 - 30	New Street Lighting
	Exist. 150 KVA Transformer 'XFMR-1'	3			50000	1 A 8	200			1 - 20	Lighting Controls
	Space Only	1 - -	.....		50000	9 B 10	.....			1 - -	Space Only
	Space Only	1 - -	.....			11 C 12	.....			1 - -	Space Only
	Space Only	1 - -	.....			13 A 14	.....			1 - -	Space Only
	Space Only	1 - -	.....			15 B 16	.....			1 - -	Space Only
	Space Only	1 - -	.....			17 C 18	.....			1 - -	Space Only
	Space Only	1 - -	.....			19 A 20	.....			1 - -	Space Only
	Space Only	1 - -	.....			21 B 22	.....			1 - -	Space Only
	Space Only	1 - -	.....			23 C 24	.....			1 - -	Space Only
	Space Only	1 - -	.....			25 A 26	.....			1 - -	Space Only
	Space Only	1 - -	.....			27 B 28	.....			1 - -	Space Only
	Space Only	1 - -	.....			29 C 30	.....			1 - -	Space Only
	Space Only	1 - -	.....			31 A 32	.....			1 - -	Space Only
	Space Only	1 - -	.....			33 B 34	.....			1 - -	Space Only
	Space Only	1 - -	.....			35 C 36	.....			1 - -	Space Only
	Space Only	1 - -	.....			37 A 38	.....			1 - -	Space Only
	Space Only	1 - -	.....			39 B 40	.....			1 - -	Space Only
	Space Only	1 - -	.....			41 C 42	.....			1 - -	Space Only
LOAD SUMMARY			CONN. KW	NEC. DIV. KW		POLES	SIZE	MAIN	VOLTS	A.I.C.	MOUNTING
LIGHTING			22.4	X 125	28.0	42	400 AMP	400 AMP M.C.B.	277/480V, 3ø, 4W	10K	Surface
POWER			150.2	X 10	150.2						Surface
OTHER			0.0	X 10	0.0						NEMA 3R
TOTALS			---	---	---	---	---	---	---	---	---
PROJECT		Downtown Rockwall Streetscape - Phase 2 Rockwall, Texas			NOTES:		PANEL AMPS 215				
PANEL LOCATION:		Traffic Median North side of Courthouse			LOADS PER PHASE:		PHASE A (KW) 58.1 PHASE B (KW) 56.6 PHASE C (KW) 52.3				
DATE:		February 2014									

EXISTING PANEL 'LA'											
NOTES	DESCRIPTION	P - AMP	LOAD			PH / CKT #	LOAD			DESCRIPTION	NOTES
			LIGHTING	POWER			LIGHTING	POWER			
	Existing	1 - 20				1 A 2				Existing	
	Existing	1 - 20				3 B 4				Existing	
	Existing	1 - 20				5 C 6				Existing	
	Existing	1 - 20				7 A 8				Existing	
	Existing	1 - 20				9 B 10				Existing	
	Existing	1 - 20				11 C 12				Existing	
	Vendor Plug @ Light Pole	1 - 20		1600		13 A 14	1600			Vendor Plug @ Light Pole	
	Vendor Plug @ Light Pole	1 - 20		1600		15 B 16	1600			Vendor Plug @ Light Pole	
	Vendor Plug @ Light Pole	1 - 20		1600		17 C 18	1600			Vendor Plug @ Light Pole	
	Vendor Plug @ Light Pole	1 - 20		1600		19 A 20	1600			Vendor Plug @ Light Pole	
	Vendor Plug @ Light Pole	1 - 20		1600		21 B 22	1600			Vendor Plug @ Light Pole	
	Space Only	1 - -	.....			23 C 24	.....			Space Only	
	Space Only	1 - -	.....			25 A 26	.....			Space Only	
	Space Only	1 - -	.....			27 B 28	.....			Space Only	
	Space Only	1 - -	.....			29 C 30	.....			Space Only	
	Space Only	1 - -	.....			31 A 32	.....			Space Only	
	Space Only	1 - -	.....			33 B 34	.....			Space Only	
	Space Only	1 - -	.....			35 C 36	.....			Space Only	
	Space Only	1 - -	.....			37 A 38	.....			Space Only	
	Space Only	1 - -	.....			39 B 40	.....			Space Only	
	Space Only	1 - -	.....			41 C 42	.....			Space Only	
LOAD SUMMARY			CONN. KW	NEC. DIV. KW		POLES	SIZE	MAIN	VOLTS	A.I.C.	MOUNTING
LIGHTING			---	X 125	---	42	100 AMP	100 AMP M.L.O.	120/208V, 3ø, 4W	Existing	Surface
POWER			---	X 10	---						Surface
OTHER			0.0	X 10	0.0						NEMA 3R
TOTALS			---	---	---	---	---	---	---	---	---
PROJECT		Downtown Rockwall Streetscape - Phase 2 Rockwall, Texas			NOTES:		PANEL AMPS ---				
PANEL LOCATION:		Traffic Median North side of Courthouse			LOADS PER PHASE:		PHASE A (KW) --- PHASE B (KW) --- PHASE C (KW) ---				
DATE:		February 2014									

EXISTING PANEL 'DL'											
NOTES	DESCRIPTION	P - AMP	LOAD			PH / CKT #	LOAD			DESCRIPTION	NOTES
			LIGHTING	POWER			LIGHTING	POWER			
	Space Only	1 - -	.....			1 A 2	.....			Space Only	
	Space Only	1 - -	.....			3 B 4	.....			Space Only	
	Space Only	1 - -	.....			5 C 6	.....			Space Only	
	New Stage Lighting	3		19200		1 A 8				Space Only	
	Space Only	3		19200		9 B 10				Space Only	
	Space Only	3		19200		11 C 12				Space Only	
	Space Only	3		19200		13 A 14				Space Only	
	Space Only	3		19200		15 B 16				Space Only	
	Space Only	3		19200		17 C 18				Space Only	
	Space Only	3		19200		19 A 20				Space Only	
	Space Only	3		19200		21 B 22				Space Only	
	Space Only	3		19200		23 C 24				Space Only	
	Space Only	3		19200		25 A 26				Space Only	
	Space Only	3		19200		27 B 28				Space Only	
	Space Only	3		19200		29 C 30				Space Only	
LOAD SUMMARY			CONN. KW	NEC. DIV. KW		POLES	SIZE	MAIN	VOLTS	A.I.C.	MOUNTING
LIGHTING			---	X 125	---	30	600 AMP	600 AMP M.C.B.	120/208V, 3ø, 4W	Existing	Surface
POWER			---	X 10	---						Surface
OTHER			0.0	X 10	0.0						NEMA 3R
TOTALS			---	---	---	---	---	---	---	---	---
PROJECT		Downtown Rockwall Streetscape - Phase 2 Rockwall, Texas			NOTES:		PANEL AMPS ---				
PANEL LOCATION:		Traffic Median North side of Courthouse			LOADS PER PHASE:		PHASE A (KW) --- PHASE B (KW) --- PHASE C (KW) ---				
DATE:		February 2014									

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Downtown Rockwall
Project # 12024 - renovation -
streetscape improvements
rockwall, texas

submittals / revisions

no.	date	detail
	4/2/2014	Electrical Revisions
	5/8/2014	Electrical Revisions

no. date detail

12024
Its project number
02.26.2014
date
C.A.D.
drawn by
J.W.
checked by

registration

la terra studio, inc.
sheet title
Electrical Details & Scheds. - Phase 2
sheet number
EL2.02

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