



March 23, 2015

ADDENDUM NO. 2

Ten (10) Pages Total

Rock 'N River Family Aquatic Center Expansion, Round Rock, Texas

To: All Plan Holders of Record

From: City of Round Rock and Kimley-Horn and Associates, Inc.

Acknowledge receipt of this Addendum by inserting its number and date in the Bid Form. This Addendum forms a part of the Contract Documents and modifies, amends, deletes, and/or adds to the Drawings, Project Manual, and Bid Manual as follows:

GENERAL

The following are general clarifications and revisions:

1. The TDLR Report has been attached. NOTE: The report notes that an inquiry to TDLR has been submitted to determine whether access is required to the bar area for the adult pool. TDLR does not require access and this comment shall be disregarded.

PLANS

The following are clarifications and revisions regarding the plan sheets:

1. **SHEET E-1 "SITE PLAN – ELECTRICAL DISTRIBUTION"**
 - a. Added 1200A/3P service entrance rated, enclosed circuit breaker with ground fault protection for new incoming electrical service per Oncor's requirements
2. **SHEET E-6 "ELECTRICAL RISER DIAGRAM"**
 - a. Added 1200A/3P service entrance rated, enclosed circuit breaker with ground fault protection for new incoming electrical service per Oncor's requirements
3. **SHEET E-7 "ELECTRICAL PANEL SCHEDULES"**
 - a. Main Distribution Panel "MDP" schedule, changed from main circuit breaker (M.C.B) to main lugs only (M.L.O)

END OF ADDENDUM NO. 2

GAP Consulting, Inc.

TDLR Registered Accessibility Specialist ICC Certified Accessibility Specialist
ICC Certified Building Plans Examiner

March 22, 2015

Kimley-Horn and Associates
Attn: Austin Powers
2201 W. Royal Ln., Ste. 275
Irving, TX 75063

Re: Rock N' River FAC Expansion Project
Rock N' River FAC
3300 Palm Valley Blvd.
Round Rock, TX 78665

EABPRJB5810556

PLAN REVIEW – COMPLETED

Dear Mr. Powers:

Enclosed are the results of the plan review completed on the referenced facility. Identified on the report are areas of nonconformance with accessibility standards adopted by the Texas Department of Licensing and Regulation for purposes of ensuring compliance with Texas Government Code, Chapter 469.

Although deficiencies may have been noted, the referenced project may be eligible for inspection approval if constructed in accordance with the Texas Accessibility Standards. Items which are the responsibility of the owner should be referred to the appropriate person for action.

The building or facility owner must request an inspection from the Department, (or a Department authorized provider of inspection services) no later than thirty (30) days after the completion of construction. If the completion date provided on the Project Registration Form is no longer correct, notify this office (in writing) of the revised completion date as soon as possible.

This determination does not address applicability of the Americans with Disabilities Act (ADA), (P.L. 101-336), or any other local, state, or federal requirement. For information on the ADA, call the ADA Hotline, (800) 949-4232 or the United States Department of Justice at (202) 514-0301.

The accessible route from the area of alteration and exterior conditions are not within the scope of these documents. The property owner shall ensure compliance from accessible parking to building entry. Additionally, owner shall ensure compliance with the interior route. Accessible parking shall comply with TAS Chapter 5.

Please reference the Department assigned project number in all future correspondence pertaining to this project. Questions concerning this matter should be directed to me at 817-366-1404.

Sincerely,

George A. Patterson
Registered Accessibility Specialist

PLAN REVIEW REPORT

The following report identifies deficiencies with the Texas Accessibility Standards (TAS). No response is required to this review, however, all items noted as "Unacceptable" should be addressed prior to inspection.

RAS Name:	George Patterson	RAS #:	503
Plan Review Date	2/23/2015	EABPRJ #:	B5810556
Revised Date			
Project Information			
Project Name: Rock N' River FAC Expansion Project			
Facility Name: Rock N' River FAC			
Project Address: 3300 Palm Valley Blvd.		City:	Round Rock
Detailed description of construction activities: The project shall consist of all work, complete and in place, including but not limited to: Site Preparation, Utilities, Paving, Fencing, Retaining Walls, Leisure Lagoon, Activity Lagoon, Activity Lagoon, Wet Deck w/play structure, Drop Slide etc.			
Owner Information:			
Contact / Owner:	Aileen Dryden		
Company Name:	City of Round Rock		
Address:	301 W. Bagdad, Ste. 250		
City:	Round Rock	State: TX	Zip: 78664

CHAPTER 2: SCOPING REQUIREMENTS

202 Existing Buildings and Facilities

APPLICABLE

****Note: As an informational comment, parking and the accessible route to the parking lot and to the public sidewalk (if provided), shall meet the scoping requirements referenced Section 202.4 of the Texas Accessibility Standards (TAS). Compliance shall be verified during inspection.**

202.4 Alterations Affecting Primary Function Areas.

In addition to the requirements of 202.3, an alteration that affects or could affect the usability of or access to an area containing a primary function shall be made so as to ensure that, to the maximum extent feasible, the path of travel to the altered area, including the parking areas, rest rooms, telephones, and drinking fountains serving the altered area, are readily accessible to and usable by individuals with disabilities, unless such alterations are disproportionate to the overall alterations in terms of cost and scope. For purposes of ensuring compliance with requirements of Texas Government Code, Chapter 469, all determinations of maximum extent feasible and disproportionality are made by the Department in accordance with the variance

procedures contained in Chapter 68, Texas Administrative Code. If elements of a path of travel at a subject building or facility that have been previously constructed or altered in accordance with the April 1, 1994 Texas Accessibility Standards (TAS) they will enjoy safe harbor and are not required to be retrofitted to reflect the incremental changes in the 2012 TAS solely because of an alteration to a primary function area served by that path of travel. Those elements would be subject to compliance with the 2012 TAS only when the elements of a path of travel are being altered.

EXCEPTIONS:

1. Residential dwelling units shall not be required to comply with 202.4.
2. If a tenant is making alterations as defined in 106.5.5 that would trigger the requirements of this section, those alterations by the tenant in areas that only the tenant occupies do not trigger a path of travel obligation upon the landlord with respect to areas of the facility under the landlord's authority, if those areas are not otherwise being altered.

226 Dining Surfaces and Work Surfaces

UNABLE TO DETERMINE

****Note: An inquiry has been submitted to TDLR regarding the requirements for an accessible bar for the adult pool. If required, compliance with the scoping requirements referenced in Section 226.1 and technical requirements referenced in Section 902.1 shall be verified during inspection. TDLR's response will be made available upon receipt.**

226.1 General.

Where dining surfaces are provided for the consumption of food or drink, at least 5 percent of the seating spaces and standing spaces at the dining surfaces shall comply with 902. In addition, where work surfaces are provided for use by other than employees, at least 5 percent shall comply with 902.

EXCEPTIONS:

1. Sales counters and service counters shall not be required to comply with 902.
2. Check writing surfaces provided at check-out aisles not required to comply with 904.3 shall not be required to comply with 902.

CHAPTER 3: BUILDING BLOCKS

307 Protruding Objects

APPLICABLE

****Note: The baby changing table shown on Sheet A1-100 may be considered a protruding object when left in the down position. Therefore, the unit should be mounted with the bottom of the changing table no higher than 27 in. above the finished floor. Compliance with the technical requirements referenced in Section 307.2 shall be verified during inspection. See also additional information in Fig. 307.2.**

307.2 Protrusion Limits.

Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (115 mm) maximum.

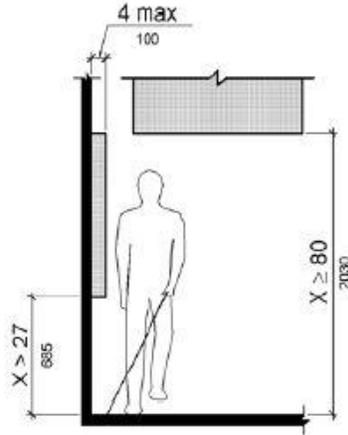


Figure 307.2 Limits of Protruding Objects

309 Operable Parts

APPLICABLE

****Note:** The outside shower fixtures shall comply with the operable part technical requirements as referenced in Section 309.1 and shall not be higher than 48 in. above the finished floor.

309.1 General.

Operable parts shall comply with 309.

309.3 Height.

Operable parts shall be placed within one or more of the reach ranges specified in 308.

309.4 Operation.

Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.

EXCEPTION: Gas pump nozzles shall not be required to provide operable parts that have an activating force of 5 pounds (22.2 N) maximum.

CHAPTER 4: ACCESSIBLE ROUTES

404 Doors, Doorways, and Gates

404.2 Manual Doors, Doorways, and Manual Gates.

Manual doors and doorways and manual gates intended for user passage shall comply with 404.2.

404.2.8 Closing Speed.

Door and gate closing speed shall comply with 404.2.8.

APPLICABLE

****Note: As an informational comment, doors equipped with closers shall comply with the technical requirements referenced in Section 404.2.8.1 and Section 404.2.9.**

404.2.8.1 Door Closers and Gate Closers.

Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

404.2.9 Door and Gate Opening Force.

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows:

1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum.
2. Sliding or folding doors: 5 pounds (22.2 N) maximum.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

CHAPTER 9: BUILT-IN ELEMENTS

902 Dining Surfaces and Work Surfaces

UNABLE TO DETERMINE

****Note: The pool area bar for the adult pool may be required to be accessible. Mandate from TDLR shall be forwarded upon receipt.**

902.1 General.

Dining surfaces and work surfaces shall comply with 902.2 and 902.3.

EXCEPTION: Dining surfaces and work surfaces for children's use shall be permitted to comply with 902.4.

Advisory 902.1 General. Dining surfaces include, but are not limited to, bars, tables, lunch counters, and booths. Examples of work surfaces include writing surfaces, study carrels, student laboratory stations, baby changing and other tables or fixtures for personal grooming, coupon counters, and where covered by the ABA scoping provisions, employee work stations.

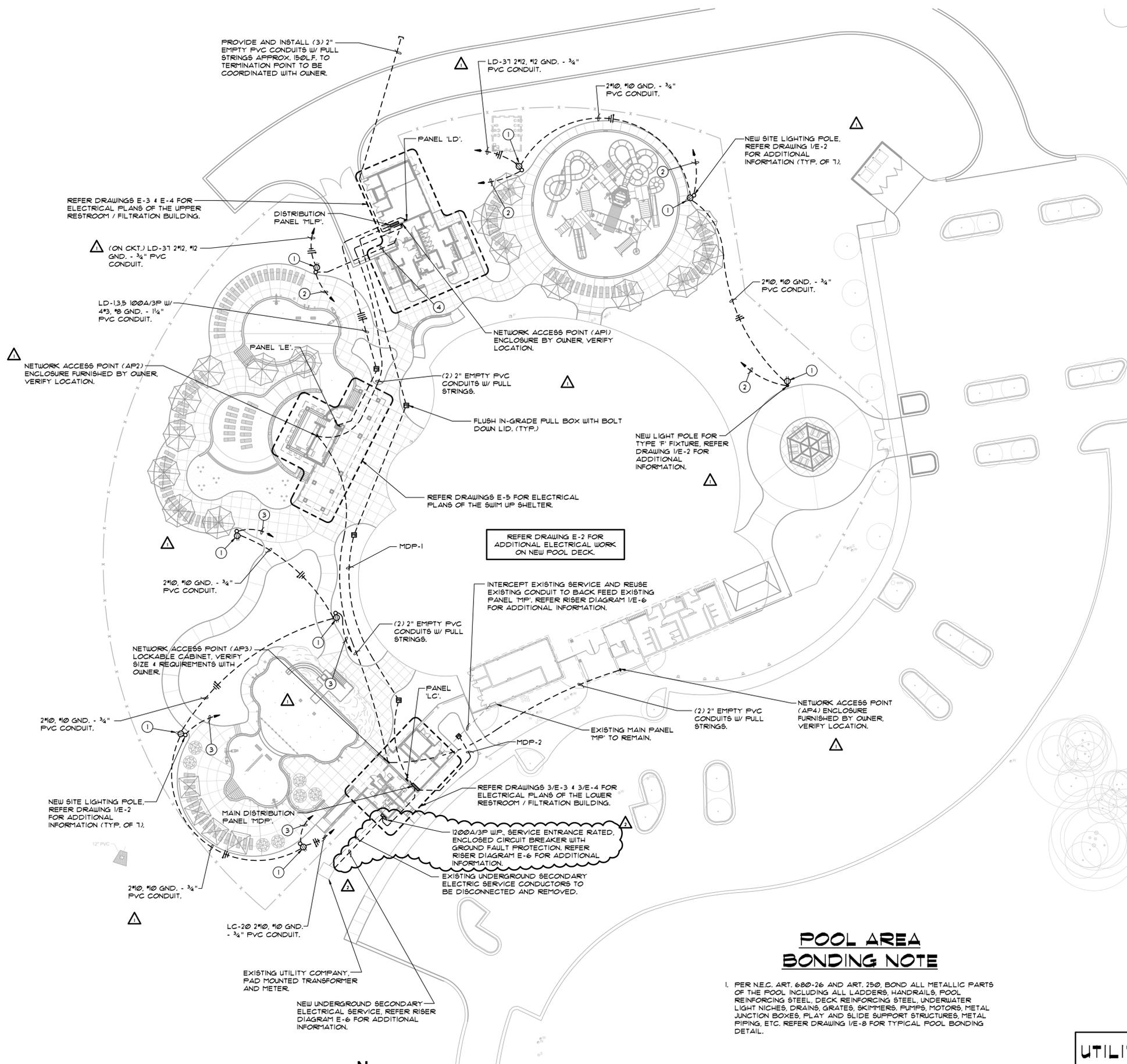
902.2 Clear Floor or Ground Space.

A clear floor space complying with 305 positioned for a forward approach shall be provided. Knee and toe clearance complying with 306 shall be provided.

902.3 Height.

The tops of dining surfaces and work surfaces shall be 28 inches (710 mm) minimum and 34 inches (865 mm) maximum above the finish floor or ground.

George A. Patterson
Registered Accessibility Specialist



SITE PLAN NOTES BY SYMBOL

- ① PROVIDE AND INSTALL WR RATED, GFCI, DUPLEX RECEPTACLE WITH METAL 'IN USE' COVER EQUAL TO T4B 'CKMUV' SERIES ON LIGHT POLE AT 20'-0" ABOVE GRADE FOR OUTDOOR ACCESS POINT. PAINT 'IN-USE' COVER TO MATCH POLE FINISH.
- ② 1" PVC CONDUIT WITH FULL STRING FOR SOUND SYSTEM SPEAKER WIRE TO NETWORK ACCESS POINT 'API' IN STORAGE ROOM AT UPPER RESTROOM / FILTRATION BUILDING.
- ③ 1" PVC CONDUIT WITH FULL STRING FOR SOUND SYSTEM SPEAKER WIRE TO NETWORK ACCESS POINT 'AP3' IN STORAGE ROOM AT LOWER RESTROOM / FILTRATION BUILDING.
- ④ 1" PVC CONDUIT WITH FULL STRING FOR FIBER OPTIC CABLE.

SITE PLAN GENERAL NOTES

- 1. REFER DRAWING E-0 ELECTRICAL SYMBOL LEGEND.
- 2. REFER RISER DIAGRAM I/E-6 FOR ADDITIONAL INFORMATION.
- 3. REFER DRAWING E-1 FOR PANEL SCHEDULES.
- 4. REFER SUPPLEMENTAL DRAWING E11 FOR ADDITIONAL WORK ON RELOCATING EXISTING UNDERGROUND ELECTRICAL SERVICE.

POOL AREA BONDING NOTE

1. PER N.E.C. ART. 680-26 AND ART. 250, BOND ALL METALLIC PARTS OF THE POOL INCLUDING ALL LADDERS, HANDRAILS, POOL REINFORCING STEEL, DECK REINFORCING STEEL, UNDERWATER LIGHT NICHES, DRAINS, GRATINGS, SKIMMERS, PUMPS, MOTORS, METAL JUNCTION BOXES, PLAY AND SLIDE SUPPORT STRUCTURES, METAL PIPING, ETC. REFER DRAWING I/E-8 FOR TYPICAL POOL BONDING DETAIL.

UTILITY CONTACTS

Oncor Electric Delivery
 Mr. Jesse Trevino
 (512) 244-5661

- △ ADDENDUM #2 - 03/23/15
- △ ADDENDUM #1 - 03/18/15

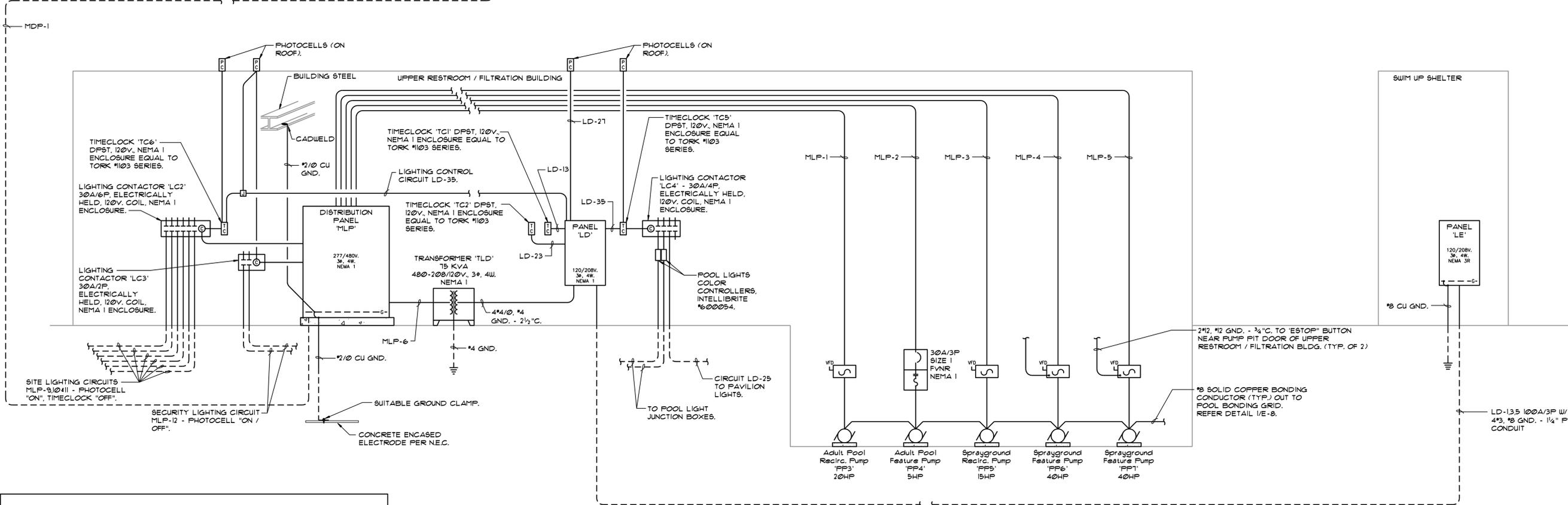
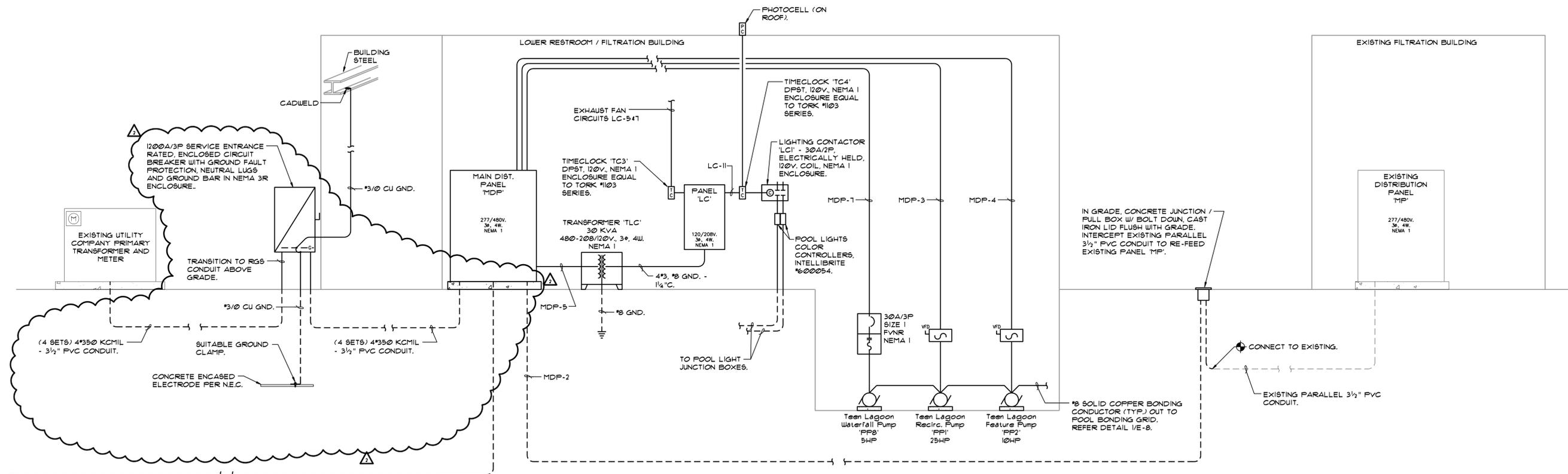
EA ENGINEERING ASSOCIATES
 TX REG #F-4925
 Ph: 940, 427, 8487 Fax: 940, 427, 8499
 P.O. Box 167 Alford, TX 76225



SITE PLAN - ELECTRICAL DISTRIBUTION
 SCALE: 1" = 30'-0"



AS NOTED
Designed by: J.W.
Drawn by: C.A.D.
Checked by: J.W.
Date: March 2015
Project No. 063895008



RISER DIAGRAM SYMBOL LEGEND		
SYMBOL	DESCRIPTION	ABBREVIATIONS
	TRANSFORMER	NFS NON-FUSED SWITCH FDS FUSED DISCONNECT SWITCH
	CIRCUIT BREAKER	FVNR FULL VOLTAGE NON-REVERSING RVNR REDUCED VOLTAGE NON-REVERSING
	MOTOR	RVAT REDUCED VOLTAGE AUTO TRANSFORMER VFD VARIABLE FREQUENCY DRIVE
	VARIABLE FREQUENCY DRIVE	
	COMBINATION DISCONNECT SWITCH / MOTOR STARTER W/ HEATER ELEMENT	

ELECTRICAL RISER DIAGRAM
SCALE: NONE

RISER DIAGRAM GENERAL NOTES

- REFER TO DISTRIBUTION PANEL SCHEDULES ON DRAWING E-1 FOR FEEDER SIZES NOT SHOWN.
- THE ROUTING OF CONDUCTORS SHOWN ON THIS DRAWING IS FOR DIAGRAMMATIC PURPOSES ONLY. REFER TO FILTRATION BLDG. POWER PLAN "NOTE BY SYMBOL" #1 FOR CONDUCTOR ROUTING INFORMATION.

ADDENDUM #2 - 03/23/15

EA ENGINEERING ASSOCIATES
TX REG #F-4925
Ph: 940.427.8487 Fax: 940.427.8499
P.O. Box 167 Alford, TX 76225

Kimley-Horn
2201 West Royal Lane, Suite 275, Irving, Texas 75063
PHONE: 214-420-5600 FAX: 214-420-5680
WWW.KIMLEY-HORN.COM
TEXAS REGISTRATION NUMBER F-928
© 2014 KIMLEY-HORN AND ASSOCIATES, INC.

ROCK N RIVER FAC EXPANSION PROJECT
ROUND ROCK, TEXAS

ELECTRICAL RISER DIAGRAM

AS NOTED
Designed by: J.W.
Drawn by: C.A.D.
Checked by: J.W.
Date: March 2015
Project No. 063895008

SHEET E-6

MAIN DISTRIBUTION PANEL 'MDP'						
CIRCUIT	SERVE	FRAME	TRIP	POLE	FEEDER	CONNECTED LOAD
MDP-1	Distribution Panel 'MLP'	600A	600A	3	(2 Sets) 4#50 KCMIL, #2 Gnd. - 3/2" FVC Conduit	263.8 KW
MDP-2	Existing Main Panel 'MP'	600A	600A	3	(2 Sets) 4#50 KCMIL, #2 Gnd. - 3/2" FVC Conduit	334.1 KW
MDP-3	Teen Lagoon Pool Recirc. Pump 'FP1' (25HP)	10A	10A	3	3#6, #8 Gnd. - 3/4" FVC Conduit	28.6 KW
MDP-4	Teen Lagoon Pool Feature Pump 'FP2' (10HP)	30A	30A	3	3#12, #12 Gnd. - 3/4" FVC Conduit	11.6 KW
MDP-5	Transformer 'TLC'	50A	50A	3	3#6, #8 Gnd. - 1" FVC Conduit	30.0 KW
MDP-6	Teen Lagoon U.V. System	20A	20A	3	3#12, #12 Gnd. - 3/4" FVC	5.5 KW
MDP-7	Teen Lagoon Feature Pump 'FP3' (5HP)	20A	20A	3	3#12, #12 Gnd. - 3/4" FVC Conduit	6.3 KW
MDP-8	Water Heater 'WH2'	20A	20A	3	3#12, #12 Gnd. - 3/4" FVC	9.0 KW
MDP-9	Space	200A	---	3	---	---
MDP-10	Space	100A	---	3	---	---
TOTAL CONNECTED LOAD						688.9 KW

PROJECT: Rock N River Family Aquatic Center Expansion
Round Rock, Texas

MAIN: 1200 AMP M.L.O.
A.I.C. RATING: 65K

MOUNTING: Freestanding
ENCLOSURE: NEMA 1

PANEL LOCATION: Lower RR/Filtration Bldg.

SERVICE: 211/480V, 3PH, 4W
SIZE: 1200 AMP

DISTRIBUTION PANEL 'MLP'						
CIRCUIT	SERVE	FRAME	TRIP	POLE	FEEDER	CONNECTED LOAD
MLP-1	Adult Pool Recirc. Pump 'FP1' (25HP)	10A	10A	3	3#6, #8 Gnd. - 3/4" FVC Conduit	28.6 KW
MLP-2	Adult Pool Feature Pump 'FP4' (5HP)	20A	20A	3	3#12, #12 Gnd. - 3/4" FVC Conduit	6.3 KW
MLP-3	Sprayground Recirc. Pump 'FP5' (15HP)	50A	50A	3	3#8, #10 Gnd. - 3/4" FVC Conduit	17.4 KW
MLP-4	Sprayground Feature Pump 'FP6' (40HP)	100A	100A	3	3#4, #8 Gnd. - 1" FVC Conduit	43.2 KW
MLP-5	Sprayground Feature Pump 'FP7' (40HP)	100A	100A	3	3#4, #8 Gnd. - 1" FVC Conduit	43.2 KW
MLP-6	Transformer 'TLD'	125A	125A	3	3#1, #6 Gnd. - 1 1/2" FVC	15.0 KW
MLP-7	Adult Pool U.V. System	15A	15A	3	3#12, #12 Gnd. - 3/4" FVC	3.5 KW
MLP-8	Sprayground U.V. System	15A	15A	3	3#12, #12 Gnd. - 3/4" FVC	3.5 KW
MLP-9	Site Lighting	20A	20A	2	2#8, #8 Gnd. - 1" FVC Conduit	6.9 KW
MLP-10	Site Lighting	20A	20A	2	2#8, #8 Gnd. - 1" FVC Conduit	6.9 KW
MLP-11	Site Lighting	20A	20A	2	2#10, #10 Gnd. - 3/4" FVC Conduit	6.1 KW
MLP-12	Site Security Lighting	20A	20A	2	2#10, #10 Gnd. - 3/4" FVC Conduit	4.6 KW
MLP-13	Water Heater 'WH1'	30A	30A	3	3#10, #10 Gnd. - 3/4" FVC Conduit	18.0 KW
MLP-12	Space	100A	---	3	---	---
MLP-12	Space	100A	---	3	---	---
TOTAL CONNECTED LOAD						263.8 KW

PROJECT: Rock N River Family Aquatic Center Expansion
Round Rock, Texas

MAIN: 600 AMP M.C.B.
A.I.C. RATING: 65K

MOUNTING: Freestanding
ENCLOSURE: NEMA 1

PANEL LOCATION: Upper RR/Filtration Bldg.

SERVICE: 211/480V, 3PH, 4W
SIZE: 600 AMP

PANEL 'LE'										
NOTES	DESCRIPTION	P - AMP	LIGHTING	POWER	PH / CKT #	POWER	LIGHTING	P - AMP	DESCRIPTION	NOTES
	Column Lights	1 - 20	360		1 A 2	150		1 - 20	Ceiling Fans	
	LED Lights	1 - 20	816		3 B 4	400		1 - 20	LED Lights	
	Receptacles	1 - 20		800	5 C 6	800		1 - 20	Receptacles	
	Receptacles	1 - 20		800	7 A 8	800		1 - 20	Receptacles	
	Receptacles	1 - 20		800	9 B 10	800		1 - 20	Receptacles	
	Receptacles	1 - 20		800	11 C 12	800		1 - 20	Receptacles	
	Receptacles	1 - 20		800	13 A 14	800		1 - 20	Receptacles	
	Receptacles	1 - 20		800	15 B 16	800		1 - 20	Receptacles	
	Receptacles	1 - 20		800	17 C 18	800		1 - 20	Receptacles	
	Water Heater 'WH3'	3		3000	19 A 20	1080		1 - 20	Oscillating Fans	
				3000	21 B 22	1200		1 - 20	Televisions	
				3000	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	

LOAD SUMMARY

LIGHTING: 1.7 X 125 = 21 POLES: 30

POWER: 210 X 10 = 2100 SIZE: 100 AMP

OTHER: 0.0 X 10 = 0.0 MAINS: 100 AMP M.C.B.

VOLTS: 120/208V, 3P, 4W

A.I.C.: 10K

MOUNTING: Flush

ENCLOSURE: NEMA 3R

TOTALS: 22.1 23.1

PROJECT: Rock N River F.A.C. Expansion
Round Rock, Texas

PANEL LOCATION: Swim Up Shelter

DATE: February 2015

NOTES:

PANEL AMPS: 64

LOADS PER PHASE:

PHASE A (KW): 7.9

PHASE B (KW): 7.4

PHASE C (KW): 7.4

PANEL 'LC'										
NOTES	DESCRIPTION	P - AMP	LIGHTING	POWER	PH / CKT #	POWER	LIGHTING	P - AMP	DESCRIPTION	NOTES
	Interior Lighting	1 - 20	952		1 A 2		50	1 - 20	Exit Signs	1
	Hand Dryer	1 - 20		1200	3 B 4	1200		1 - 20	Hand Dryer	
	Exhaust Fan EE4	1 - 20		696	5 C 6	900		1 - 20	Receptacles	
	(2) Exhaust Fans EE1	1 - 20		1392	7 A 8	150		1 - 20	Water Level Controller	
	Chemical Controller	1 - 20		1200	9 B 10	192		1 - 20	(2) Exhaust Fans EE2	
2	Pool Lights	1 - 20	580		11 C 12	120		1 - 20	Receptacles	
	Pool Vacuum Receptacles	1 - 20		1500	13 A 14	1200		1 - 20	Pool Vacuum Receptacle	
	Condensing Unit CU2	2		1841	15 B 16	1100		2	Unit Heater 'UH'	
	Fan Coil FC2	2		1841	17 C 18	1100		2	Outdoor Access Point	
				187	19 A 20	400		1 - 20	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	

LOAD SUMMARY

LIGHTING: 1.6 X 125 = 2.0 POLES: 30

POWER: 17.6 X 10 = 176 SIZE: 100 AMP

OTHER: 0.0 X 10 = 0.0 MAINS: 100 AMP M.C.B.

VOLTS: 120/208V, 3P, 4W

A.I.C.: 10K

MOUNTING: Surface

ENCLOSURE: NEMA 1

TOTALS: 19.2 19.6

PROJECT: Rock N River F.A.C. Expansion
Round Rock, Texas

PANEL LOCATION: Lower RR/Filtration Bldg.

DATE: February 2015

NOTES:

1. Provide with 'Lock On' type circuit breaker.

2. Provide with 'GFCI' type circuit breaker.

PANEL AMPS: 54

LOADS PER PHASE:

PHASE A (KW): 6.0

PHASE B (KW): 6.9

PHASE C (KW): 6.3

PANEL 'LD'										
NOTES	DESCRIPTION	P - AMP	LIGHTING	POWER	PH / CKT #	POWER	LIGHTING	P - AMP	DESCRIPTION	NOTES
	Panel 'LE'	3		9600	1 A 2		1064	1 - 20	Interior Lighting	
				9600	3 B 4		804	1 - 20	Interior Lighting	
				9600	5 C 6		100	1 - 20	Exit Signs	1
	Hand Dryer	1 - 20		1200	7 A 8	1200		1 - 20	Hand Dryer	
	Hand Dryer	1 - 20		1200	9 B 10	1200		1 - 20	Hand Dryer	
	Hand Dryer	1 - 20		1200	11 C 12	1260		1 - 20	Receptacles	
	Exhaust Fan EE3	1 - 20		696	13 A 14	1741		2	Condensing Unit CU1	
	Receptacles	1 - 20		360	15 B 16	1741		2	Chemical Controller	
	(2) Water Level Controllers	1 - 20		1500	17 C 18	1200		1 - 20	(2) Exhaust Fans EE2	
	Chemical Controller	1 - 20		1200	19 A 20	192		1 - 20	Circulation Fan CF	
	(2) Exhaust Fans EE1	1 - 20		1392	21 B 22	1176		1 - 20	Fan Coil FC1	
	(2) Exhaust Fans EE1	1 - 20		1392	23 C 24	187		2	Pool Vacuum Receptacles	
2	Pool Lights	1 - 20	500		25 A 26	187		1 - 20	Pool Vacuum Receptacles	
	Exterior 4 Pavillion Lts.	1 - 20	535		27 B 28	1500		1 - 20	Unit Heater	
	Pool Vacuum Receptacles	1 - 20		1500	29 C 30	1500		1 - 20	Lighting 4 Controls Power	
	Unit Heater	2		1100	31 A 32	1100		2	Space Only	
				1100	33 B 34	1100		1 - 20	Space Only	
	Lighting Controls	1 - 20		100	35 C 36	200		1 - -	Space Only	
	Outdoor Access Points	1 - 20		400	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

LIGHTING: 3.0 X 125 = 3.8 POLES: 42

POWER: 58.6 X 10 = 586 SIZE: 225 AMP

OTHER: 0.0 X 10 = 0.0 MAINS: 225 AMP M.C.B.

VOLTS: 120/208V, 3P, 4W

A.I.C.: 10K

MOUNTING: Surface

ENCLOSURE: NEMA 1

TOTALS: 61.6 62.4

PROJECT: Rock N River F.A.C. Expansion
Round Rock, Texas

PANEL LOCATION: Upper RR/Filtration Bldg.

DATE: February 2015

NOTES:

1. Provide with 'Lock On' type circuit breaker.

2. Provide with 'GFCI' type circuit breaker.

PANEL AMPS: 173

LOADS PER PHASE:

PHASE A (KW): 20.2

PHASE B (KW): 21.1

PHASE C (KW): 19.1

ADDENDUM #2 - 03/23/15
ADDENDUM #1 - 03/18/15

ENGINEERING ASSOCIATES
TX REG #F-4925
Ph: 940, 427, 8487 Fax: 940, 427, 8499
P.O. Box 167 Alford, TX 76225

AS NOTED
Designed by: J.W.
Drawn by: C.A.D.
Checked by: J.W.
Date: March 2015
Project No. 063895008

SHEET
E-7

ROCK N RIVER
FAC EXPANSION PROJECT
ROUND ROCK, TEXAS

ELECTRICAL PANEL
SCHEDULES



Kimley Horn
2201 West Royal Lane, Suite 275, Irving, Texas 75063
PHONE: 214-420-5600 FAX: 214-420-5660
WWW.KIMLEY-HORN.COM
TEXAS REGISTRATION NUMBER F-928
© 2014 KIMLEY-HORN AND ASSOCIATES, INC.