



MASTERS ELECTRICAL SERVICES LTD. 4239 W. IH-10 :: SEGUIN, TEXAS 78155

# Power-up January's News



TOGETHER EVERYONE ACHIEVES MORE!

Happy New Year and welcome to the first copy of our 2015 monthly newsletter. The newsletter will present us with an opportunity to communicate with all of our employees regularly and keep everyone informed. We expect 2015 to be an exciting transitional year for our company with lots of new opportunities for both Masters Electrical Services itself and our employees within.

Gary and Annette would like to begin the New Year by thanking all of our employees for a great 2014 and remind you they appreciate the dedication and daily work commitment it takes from each and every employee to make a successful and profitable company.

On an informative note – one of the most significant changes we made doing business in 2014 was our implementation of cost coding for many of our jobs at start up. Making this change requires participation beginning with the Estimator at bidding and transitions all the way to each employee clocking in and using the correct coding. This new tool, referred to as cost coding, is just as important as the tools you carry to work with you each day. Be diligent – be proactive – clock in to the correct cost code if your jobsite is a coded site and this will ensure more accurate bidding for future jobs. Again, many new things to come 2015!

Remember, together we can make 2015 our best year yet, and remember.....

### Company Slogan

**“No matter what industry you’re in nothing happens till the power goes on.”**

#### Our Core Value!

Motivation

Attitude

Safety

Teamwork

Excellence

Relationship

Service

#### Inside This Newsletter

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# Project Spotlight

## Rivercenter Mall 1&2

This is one of the most interesting projects we at Masters have ever been involved in. It brings in many different aspects of construction into one project. From a Historic remodel to design build ideas, along with working with the Guido Brothers Construction Team on the original bid documents created by Architect SA Partnership and DBR engineering.



The history of the building that most recently housed Dillard's, and still currently has the AMC Theaters, originally opened in 1887 as a freestanding Joske's at the corner of Alamo and Commerce streets. Several expansions from 1909 to 1953 brought the space to 551,000 square feet. Joske's closed the flagship store for remodeling in 1987, planning to reopen in 1988. But Dillard's acquired the Joske's chain shortly after the store closed for remodeling and reopened in 1989 as Dillard's and was open until 2008 when Dillard's closed and the building has been unoccupied ever since.

Another interesting fact about this location is the Mall is built around the St. Joseph's Catholic Church. In 1944 Joske's went to the parishioners to buy the property to develop the site as commercial retail space. Parishioners unanimously refused the offer to move from the site and so instead Joske's built around the three sides of the church, earning the church from locals the moniker "St. Joske's".

Under current ownership and their vision, new construction started in late 2013. The Rivercenter management team has created a lot of interest from retailers to bring this part of the mall back to full capacity with multiple retail, entertainment and dining locations. We at Masters are happy to be part of their vision and the revitalization of this historic landmark.

MES Superintendant Perry Winchester has been on this since day one and it has been a starting/stopping and moving target type of project. Things are changing daily and Perry has been able to stay on top of everything as usual. A complete electrical demolition was completed earlier this year back to the original service. Perry and his crews have installed new feeders and switchgear on the basement, first and second floors and everything has been energized. As you see in the picture the entire Joske's area (4 floors and a basement level) has been demolished all while saving the exterior historic walls. Recently Perry has installed power to a Tower Crane that has been erected in a future elevator shaft to rebuild the interior of the building.

We would like to thank Perry for his professionalism and hard work and all Masters Team Members that have and will work on this project. Please realize the history involved in the project and take pride in your part of it. We also want to thank Guido Brothers Construction (Tom Guido) and its Rivercenter Team members, PM Albert Gutierrez; PM Joe Allen; PS Sean Moran; A-PM Vanessa Miller as well as Rivercenter Mall Personnel GM - Chris Oviatt and Construction POC Anant Patel for giving Masters Electrical Services LTD. the opportunity to work on this unique project.

# Project List

## New Jobs

• RIVERCENTER WESTSIDE	849 E. COMMERCE - SA, TX. 78205	PERRY WINCHESTER
• NAVARRO ISD ALT #4	6450 N. HWY 123 - SEGUIN, TX 78155	CODY SMITH
• POTEET ISD - PIC/PUMP HOUSE/BALLFIELD,	838 SCHOOL DR - POTEET, TX.	RUBEN GUERRA
• POTEET ISD GYM/FIELD HOUSE	1020 FM 1470 LEMING DR - POTEET, TX. 78065	RUBEN GUERRA
• POTEET ISD CAFETERIA	1021 FM 1470 LEMING DR - POTEET, TX. 78065	RUBEN GUERRA
• ANAQUA SPRINGS PH 2	9 RUE PARKER - BOERNE, TX 78006	RUBEN RODRIGUEZ
• BROADWAY BANK 3 <sup>rd</sup> FL	1021 fm 1470 LEMING DR.-PROTEET, TX	MIGUEL VELOZ
• SAISD TRANSPORTATION FACILITY	SAN ANTONIO, TX	
• LEAKEY ISD	429 U.S. 83 LEAKEY, TX 78873	

## Current Jobs

• SARAH KING ELEMENTARY	1001 CERVALO STREET, SAN ANTONIO, TX 78207	SCOTT BARKER
• ARNOLD ELEMENTARY	467 FREILING DR - SA, TX 78213	SHAWN SHAW
• POTEET ELEM SCHOOL	1100 SCHOOL DRIVE, POTEET TX. 78065	RUBEN GUERRA
• RIVERCENTER MALL RENOV PH 1 & 2,	849 E. COMMERCE – SA, TX. 78205	PERRY WINCHESTER
• SAN MARCOS PRE-K	1225 HWY 123 - SAN MARCOS, TX	JASON DAVIS
• TRINITY BAPTIST CHURCH REMODEL	319 E. MULBERRY - SAN ANTONIO, TX 78212	PAUL BEST
• HOSS ARMS	5990 FM 725 - NEW BRAUNFELS, TX 78130	SPENCER DWYER
• MCAULIFFE MIDDLE SCHOOL RENOV,	9390 SW LOOP 410 SA, TX	PAUL BEST
• GUADALUPE COUNTY AGRI-LIFE BLDG,	210 E. LIVE OAK - SEGUIN, TX. 78155	CODY SMITH
• COLDWELL BANKER	1677 State Hwy 46 Boerne, TX 78006	BRIAN BROOKS
• IDEA-WALZEM PREP SCHOOL	6445 Walzem Road - San Antonio, TX 78239	LONNIE HARPER

## Completed Jobs

• GATES MINERAL	2969 NACOGDOCHES ROAD - SA TX 78217	ROBERTO FRAIRE SR.
• FENWICK ELEMENTARY	1930 WAVERLY AVENUE - SA, TX 78228	LONNIE HARPER
• LYTLE ES ADDITIONS & RENOV	11550 LAREDO - LYTLE, TX 78052	JOHNIE RIDDLE
• ST. GEORGE EPISCOPAL CHURCH	6900 WEST AVENUE - SA, TX 78213	RUBEN RODRIGUEZ
• GVEC OPR BLDG - SERVICE CNTR,	2703 HWY 183 / 1015 E. BROADWAY - CUERO, TX 77954	RAFAEL SILVESTRE
• LYTLE FIELD HOUSE & AG BARN	18975 FM ROAD 2790 - LYTLE, TX 78052	JOHNIE RIDDLE
• ENTERPRISE INDUSTRIAL PARK PH 1 B-1,	17745 LOOKOUT RD - SCHERTZ, TX 78154	BRIAN BROOKS
• WHALEY MEDICAL OFFICES	250 W. SUNSET RD - SA, TX. 78209	ROBERTO FRAIRE JR.

- WALGREENS # 12716 SA CULEBRA, 12020 CULEBRA RD - SA, TX 78253 JUAN GODINA

## Completed Jobs (cont.)

- WALGREENS # 15993 EAGLE PASS, NEC ALICE DR @ MAIN ST (US HWY 277) - EAGLE PASS ROBERTO FRAIRE SR.
- WALGREENS #15672 AUSTIN 1920 E. RIVERSIDE DRIVE - AUSTIN, TX 78741 PERRY WINCHESTER
- SALADO INTER SCHOOL RENOV 3602 SOUTH W.W.WHITE - SA TX 78222 JAIME PAWELEK
- BROADWAY BANK 1ST FLOOR REMODEL , 1177 NE LOOP 410 - SAN ANTONIO, TX 78216 SHAWN SHAW
- HEMISPHERE FINE FURNISHINGS #0808 17815 LA CANTERA - SA, TX 78257 CODY SMITH
- METRO METHODIST CATH LAB #2 1310 McCullough Ave – SA, TX. 78212 RUBEN RODRIGUEZ

Thank you, to our foremen in the field and every employee who has helped to complete these jobs. Masters Electric appreciates your hard work! 😊😊

# Safety News

## Council passes ban on handheld Devices while driving

By [Josh Baugh](#)

November 6, 2014 Updated: November 7, 2014 11:17am

Photo: Associated Press / File Photo

Under the ordinance, motorists wishing to make calls will have to use technology like Bluetooth or speakerphone. SAN ANTONIO — Troy Abrams sat in the sparsely filled council chambers Thursday and witnessed the City Council adopt an ordinance that might have prevented the death of his 6-year-old son, Brandon, who was killed by a distracted driver.

Beginning Jan. 1, 2015, San Antonio will join a growing list of cities and states that ban the use of cell phones and other handheld electronic devices by drivers.

The council unanimously approved the ban and implemented a 30-day grace period in which drivers will receive warnings. After that, citations could cost up to \$200. “When you have people out there that are doing things that put other people in danger, it’s necessary to regulate that activity,” Police Chief William McManus told the council. “It’s long overdue.”

It’s already illegal, while driving in San Antonio, to use handheld devices for anything other than making and taking phone calls and it’s also against the law to use handheld devices in school zones. Now, it will be illegal to hold a phone while driving in San Antonio. The ordinance allows drivers to use cell phones — they just can’t hold them. That means drivers must use other hands-free technology to engage in phone calls: Bluetooth, speakerphone or ear buds.

The ordinance, however, doesn’t prohibit still using the device to answer calls or place them. It also contains some exemptions, including those for on-duty public-safety personnel and drivers who are reporting illegal activity to a law-enforcement agency, communicating “with an emergency response operator, a fire department, a law enforcement agency, a hospital, a physician’s office, or a health clinic regarding a medical or other emergency situation.”

Councilman Mike Gallagher began pushing for the ban in August when he filed a “council consideration request” asking his colleagues for support on the initiative. He said Thursday that the new law would save lives. “It’s truly about safety,” he said. “We have learned that drivers are distracted by their phones.” That distraction, he said, can be as bad as driving while intoxicated.

**The Texas Department of Transportation reported that in 2013, distracted driving contributed to 90,378 crashes, including**

**18,468 that resulted in serious injury, McManus told the council.**

**More than 450 people died in Texas and there were more than 3,300 deaths nationwide in 2013, all caused by distracted driving, he said.**

For Michael Stalowski, the ordinance is overdue — and welcomed. He recently moved to San Antonio from California, which has had a hands-free law in place since 2008. Not only does Stalowski support the ordinance because of his belief that drivers shouldn’t be doing anything other than driving when they’re behind the wheel, but he also said he thinks the fine should be higher. “I think it should be a \$1,000 fine,” he said. “It’s a 2-ton piece of metal and a 150- to 200-pound piece of flesh. Who’s going to win?”

Though state law dictates ranges for fines of such offenses, prohibiting such a hefty fee, there is nothing that forces a city to allow for grace periods with new ordinances. Councilman Ron Nirenberg said he’s ready for the ordinance to be enacted.

“My perspective on the grace period is that it begins now. The moment we pass this thing, people need to be educated; they need to be aware that it’s going to happen,” he said.

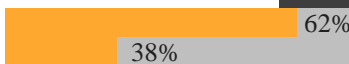
**Nirenberg’s statement is particularly poignant for someone like Abrams. His son was killed Jan. 24, 2013, on the Northwest Side. Brandon was riding his bike on the sidewalk when a teen driver reached for his phone and swerved onto the curb.**

**Abrams, who arrived on the scene before EMS, said he watched his son die.**

**For his part, the father said, San Antonio’s action isn’t necessarily an “accomplishment” for him, but “it means that it’s making our streets safer.”**

**To prevent accidents, you must stay safe on your job site at all times.**

### FAST FACTS

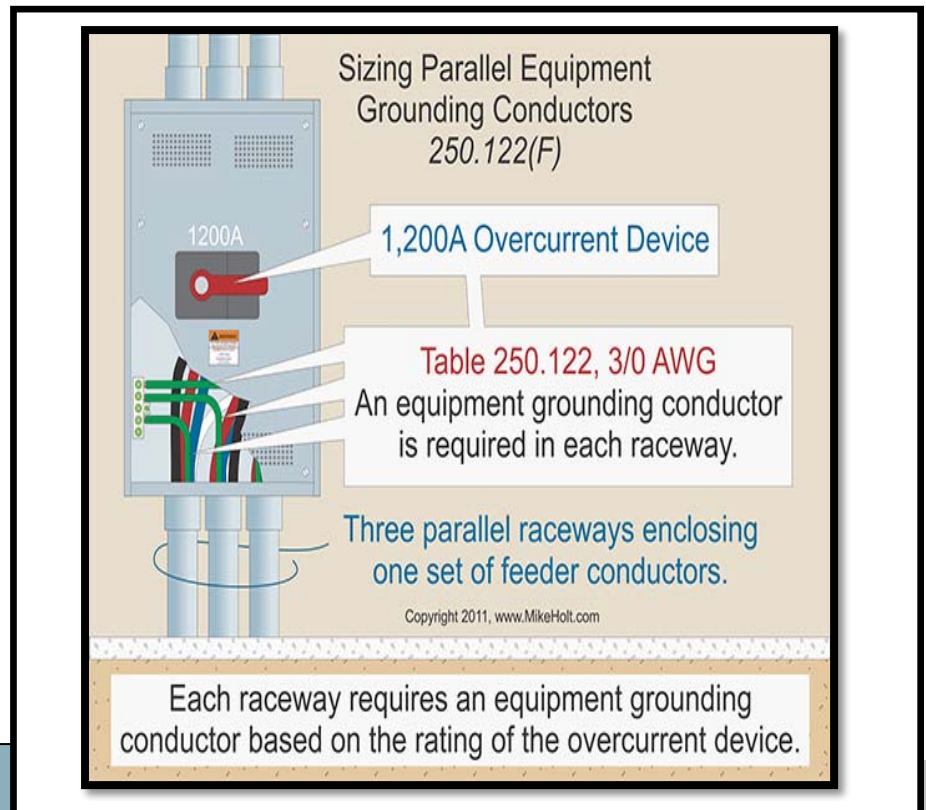


Approximately 62 percent of an estimate 32,807 nonfatal estimated electrical injuries occurred between 1992 and 1998 were classified as an electrical shock and 38 percent as electrical burns

**We at Masters are a family and we worry about everyone’s safety every day, do your part and do not text and drive!!!**

# Based on NEC 2011

## Stumped by the Code?



## Code Q & A

**Q.** If circuit conductors are installed in parallel in separate raceways, is an equipment grounding conductor required in each raceway? If so, how do I size it?

**A.** If circuit conductors are installed in parallel in separate raceways as permitted by 310.10(H), an equipment grounding conductor must be installed for each parallel conductor set [250.122(F)]. Where conductors are installed in parallel in the same raceway or cable tray, a single equipment grounding conductor is permitted.

Each equipment grounding conductor must be sized in accordance with Table 250.122, based on the rating of the circuit over current device. However, it's not required to be larger than the circuit conductors [250.122(A)].

Let's work a sample problem.

A 1,200A disconnect supplies feeder conductors paralleled in three PVC raceways. What size copper equipment grounding conductor is required for the feeder circuit?

As per Table 250.122, a 3/0 AWG in each raceway would work based on the 1,200A feeder protection device [250.122(F)].

By Mike Holt, NEC consultant

# Employee Spotlight!

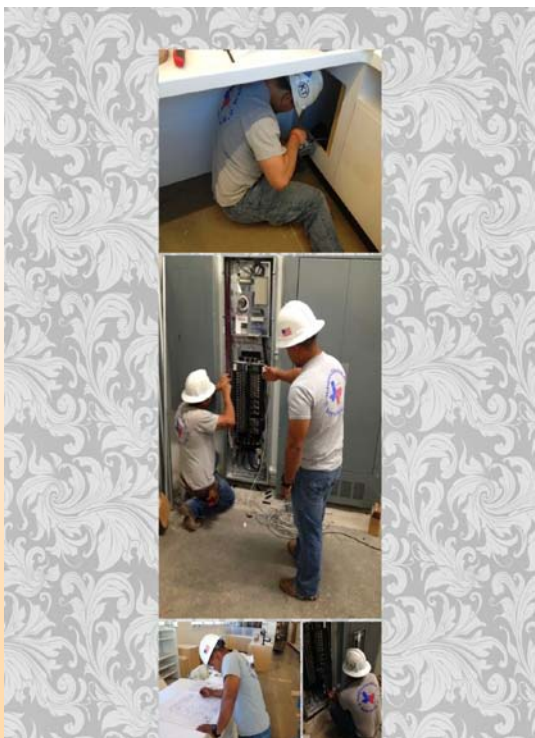
By Jacklyn Villanueva

EMPLOYEE OF THE MONTH



## A little bit about our employee.

Toribio (T-Bone) Salazar, has been with Masters Electrical Services, LTD since March of 2008 and is currently an equipment operator. His immediate family of 11 includes himself, nine children and one “loving spouse”. He proudly helps out at home by preparing meals and putting away the laundry. However, he states this could be the least favorite of all his house chores! T-Bone has many hobbies which include playing volleyball and coaching children of all ages in seasonal sports. His favorite basketball team is the San Antonio Spurs and the television show he watches religiously is The Walking Dead. He is a great asset and well respected member of our team here at Masters Electric and we enjoy having him!



## WHAT WE DO BEST!

Contact Jackie at the office with a picture of you, hard at work in your Masters t-shirt and she can put it in our news feed.

# Hot Topics

## \*From Human Resources\*

- I. Alyssa would like to inform everyone the W2 forms will be handed out with payroll. She will prepare them no later than the 30<sup>th</sup> of January which is a Friday. If you have any questions please feel free to contact us.
- II. Also, we are currently accepting applications for the position of Journeyman Electrician and Leadman/ Service Technician. Journeymen must have control back ground experience and several years experience in the field.
- III. Example of experience and knowledge we are looking for:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• <i>Electrical Systems &amp; Controls</i></li> <li>• <i>Installations &amp; Maintenance</i></li> <li>• <i>Electromechanical Repairs</i></li> <li>• <i>Blueprints &amp; Schematics</i></li> <li>• <i>Generators &amp; Transformers</i></li> <li>• <i>Switches &amp; Circuit Breakers</i></li> </ul> | <ul style="list-style-type: none"> <li>• <i>Electrical Code</i></li> <li>• <i>Safety &amp; QA</i></li> <li>• <i>Wiring Diagrams</i></li> <li>• <i>Troubleshooting</i></li> <li>• <i>Testing Instruments</i></li> <li>• <i>Motors &amp; Conduit</i></li> </ul> |
|--|---|

## JANUARY BIRTHDAYS

- **Roberto Fraire Jr.** 1<sup>st</sup>
- **Jonathan Cantu** 3<sup>rd</sup>
- **Jaime Benavides** 5<sup>th</sup>
- **Juan Godina** 8<sup>th</sup>
- **Stephen Uresti** 15<sup>th</sup>
- **Shawn Shaw** 15<sup>th</sup>
- **Jacob Horner** 20<sup>th</sup>
- **Jacklyn Villanueva** 21<sup>st</sup>
- **George Castillo** 23<sup>rd</sup>
- **Matthew Hawkins** 24<sup>th</sup>
- **Rene Jones** 28<sup>th</sup>
- **T-Bone Salazar** 30<sup>th</sup>

