STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
DIVISION OF AVIATION

ST. JOHN THE BAPTIST PARISH

ST. JOHN THE BAPTIST AIRPORT
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)

STATE PROJECT NO. 977-99-0107 - H.008654

PEC PROJECT NO. 11005

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3	PLAN AND PROFILE
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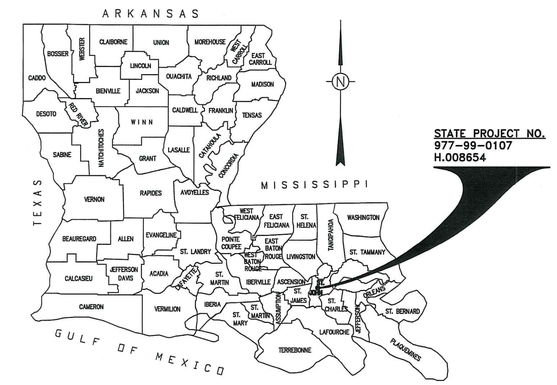


VICINITY MAP

PARISH PRESIDENT

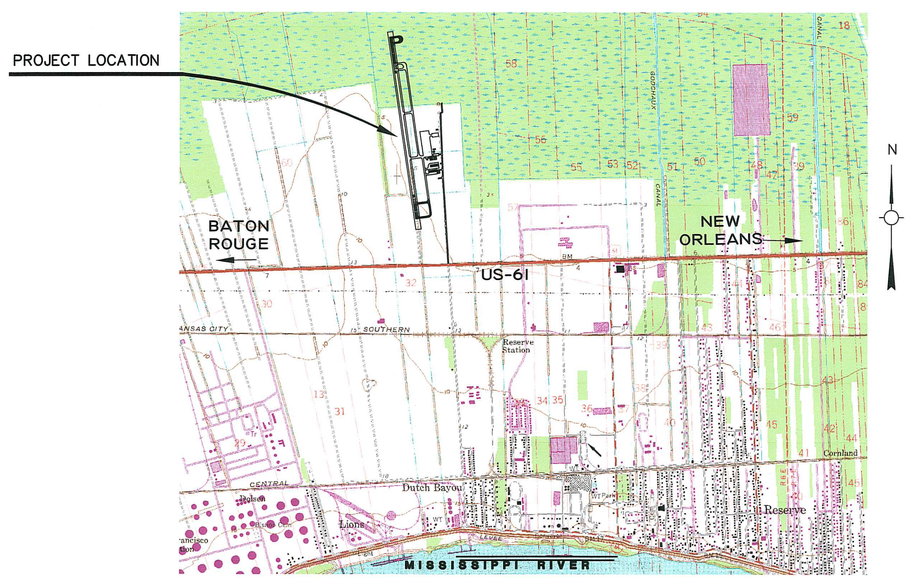
NATALIE ROBOTTOM

PARISH COUNCIL

LUCIEN J. GAUFF, III	COUNCILMAN–AT–LARGE "A"
JACLYN HOTARD	COUNCILWOMAN–AT–LARGE "B"
ART SMITH	DISTRICT 1
RANNEY WILSON	DISTRICT 2
LENNIX MADERE, JR.	DISTRICT 3
MARVIN PERRILLOUX	DISTRICT 4
MICHAEL WRIGHT	DISTRICT 5
LARRY SNYDER	DISTRICT 6
CHERYL MILLET	DISTRICT 7

AIRPORT MANAGER

RICK MORAN



LOCATION MAP

AUGUST 2012

PREPARED BY AND
RECOMMENDED FOR APPROVAL

PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION
7600 GSRI Avenue • Baton Rouge, LA 70820
Phone: 225.769.2810 • Fax: 225.769.2882

STATE OF LOUISIANA
GERALD W. BABIN, JR.
REG. No. 28785
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

PROFESSIONAL ENGINEERING
CONSULTANTS CORPORATION

DATE 9/19/12

SHEET NUMBER 1

OWNER: ST. JOHN THE BAPTIST PARISH
STATE PROJECT No.: 977-99-0107 - H.008654
A.I.P. No.: N/A

DESIGNED DETAILED: G. BABIN M. BODIN
CHECKED PEC No.: G.BABIN 11005
DATE SCALE: AUGUST 2012 N/A

NO.	DATE	REVISION DESCRIPTION	BY

ST. JOHN THE BAPTIST AIRPORT
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)
TITLE SHEET

PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION
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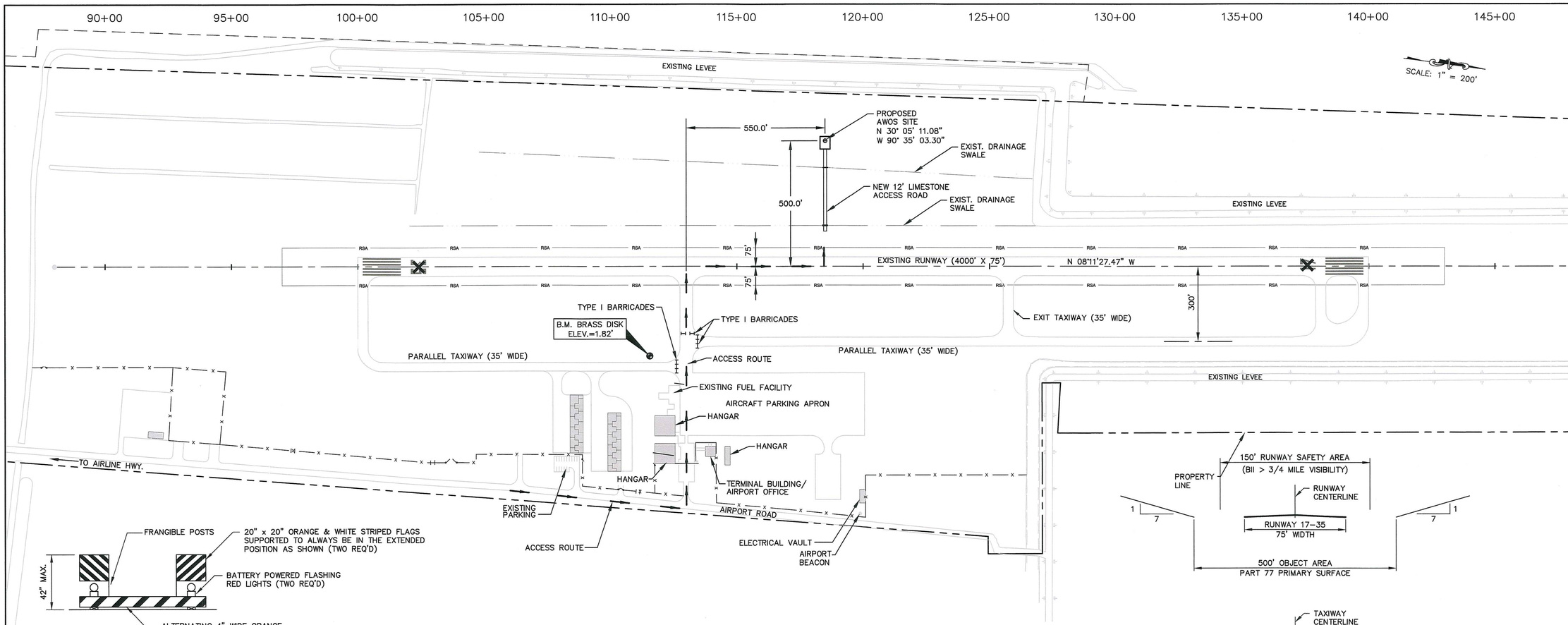
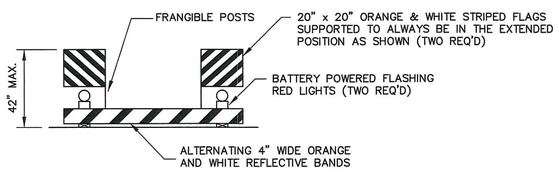




TYPE I LOW PROFILE BARRICADE

N.T.S.

TO BE PLACED AS SHOWN OR AS REQUIRED BY PROJECT ENGINEER

GENERAL NOTES

1. THE CONTRACTOR WILL OBTAIN KNOWLEDGE OF AND INCORPORATE THE FOLLOWING SAFETY PROVISIONS INTO THE CONSTRUCTION PROJECT:

* OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION – AC 150/5370-2F.
* AIRPORT SAFETY SELF-INSPECTION – AC 150/5200-18C.
* PAINTING, MARKING AND LIGHTING OF VEHICLES USED ON AN AIRPORT – AC 150/5210-5D.
* FAR, PART 139.

2. FOR OTHER CONDITIONS RELATING TO SAFETY, SEE SPECIFICATIONS – CONSTRUCTION SAFETY PLAN.

3. NOTICE TO AIRMEN (NOTAMS) – THE CONTRACTOR SHALL FURNISH THE OWNER WITH THE NECESSARY INFORMATION ON CONSTRUCTION CONDITIONS (RUNWAY CLOSURES, TAXIWAY CLOSURES, ETC.) 72 HOURS IN ADVANCE OF CONSTRUCTION, SO THAT THE OWNER CAN ADVISE THE FLIGHT SERVICE STATION TO ISSUE A NOTAM IN ACCORDANCE WITH ESTABLISHED CRITERIA.

4. ALL NON-PAVED AREAS THAT ARE DISTURBED BY THE CONTRACTOR'S WORK (HAUL ROADS, ETC.) SHALL BE RESEEDED AND RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR. THERE WILL BE NO SEPARATE PAY ITEM FOR THIS WORK.

5. THE CONTRACTOR WILL PROVIDE SECURITY WITHIN THE CONSTRUCTION AREAS AND WILL KEEP ALL UNAUTHORIZED PERSONNEL OUT.

6. ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT THE PROJECT AREA THROUGH THE PROJECT ACCESS ROUTE SHOWN ON THIS PLAN.

7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND THE IDENTIFICATION OF ALL EXISTING UTILITIES AND PIPELINES IN THE CONSTRUCTION AREA. REPAIRS TO EXISTING UTILITIES OR PIPELINES (ON OR OFF AIRPORT PROPERTY) DAMAGED BY CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. NO REIMBURSEMENT WILL BE ALLOWED FOR UTILITY/PIPELINE REPAIR OR REPLACEMENT.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP OPERATIONS OF DEBRIS THAT MAY BE ON EXISTING PAVED SURFACES USED AS HAUL ROUTE ON OR OFF OF THE AIRPORT PROPERTY.

9. ALL EQUIPMENT MUST BE RETURNED TO THE STAGING AREA AT THE END OF EACH WORK DAY.

10. BURNING OF DEBRIS WILL NOT BE ALLOWED ON AIRPORT PROPERTY.

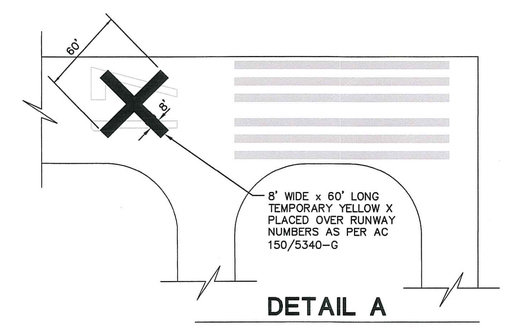
11. ALL VEHICLES USED ON THE AIRFIELD SHALL MEET AIRPORT REQUIREMENTS FOR MARKING AND LIGHTING. (SEE AC 150/5210-5D)

12. CONTRACTOR SHALL CONTROL DUST AT AN ACCEPTABLE LEVEL. THE CONTRACTOR SHALL BE REQUIRED TO KEEP A WATER TRUCK AT THE PROJECT SITE DURING THE ENTIRE PROJECT.

13. CONTRACTOR SHALL INSTALL AND MAINTAIN TYPE I BARRICADES TO DESIGNATE CLOSED AIRCRAFT MOVEMENT AREAS, AS DIRECTED BY THE PROJECT ENGINEER. PLANS SHOW MINIMUM CONSTRUCTION BARRICADES, ADDITIONAL BARRICADES AS DIRECTED BY PROJECT ENGINEER SHALL BE AT NO ADDITONAL COST.

14. CONTRACTOR SHALL PROTECT EXISTING RUNWAY AND TAXIWAY LIGHTS.

15. WORK RESTRICTIONS; CONTRACTOR SHALL WORK ONLY DAYLIGHT VFR CONDITIONS UNLESS APPROVED IN WRITING BY THE OWNER.



DETAIL A

TEMPORARY RUNWAY CLOSURE MARKINGS

N.T.S.

STATE OF LOUISIANA
GERALD W. BABIN, JR.
REG. No. 28785
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
8/14/12

SHEET NUMBER	2
OWNER	ST. JOHN THE BAPTIST PARISH
STATE PROJECT No.	977-99-0107 – H.008654
A.I.P. No.	N/A
DESIGNED / DETAILED	G. BABIN / M. BOOIN
CHECKED / PEC No.	G.BABIN / 11005
DATE / SCALE	AUGUST 2012 / 1" = 200'

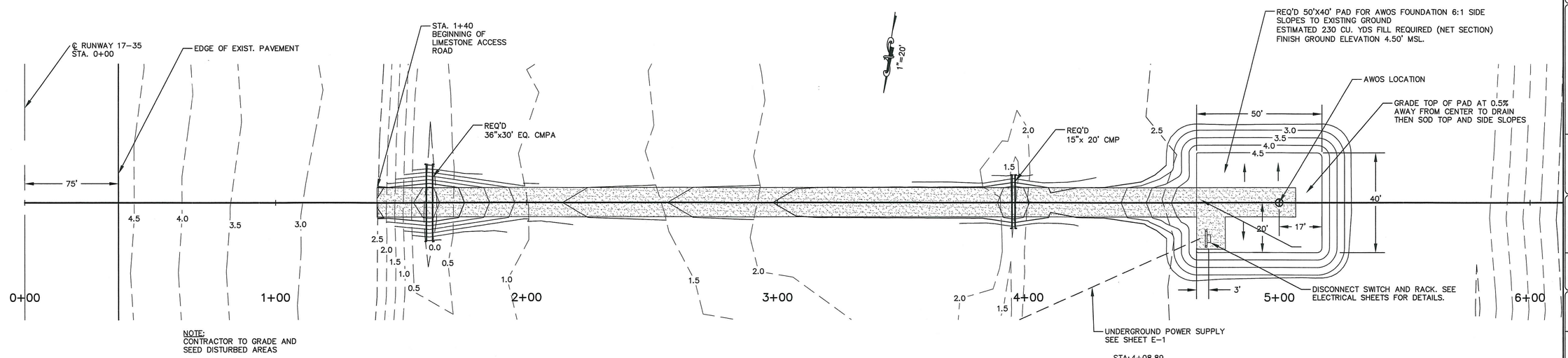
NO.	DATE	REVISION DESCRIPTION	BY

ST. JOHN THE BAPTIST PARISH AIRPORT

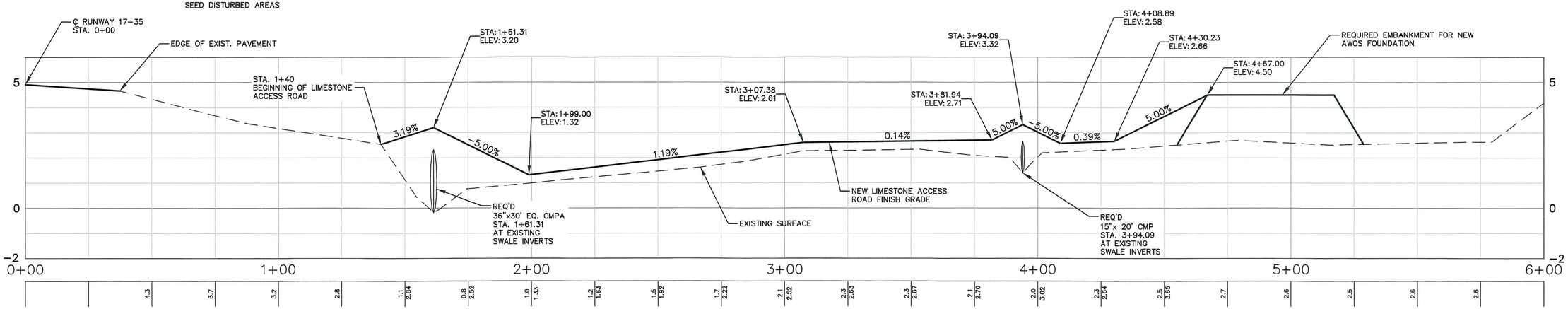
AUTOMATED WEATHER OBSERVATION SYSTEM (AWOS)

PROJECT LOCATION MAP AND SAFETY PLAN

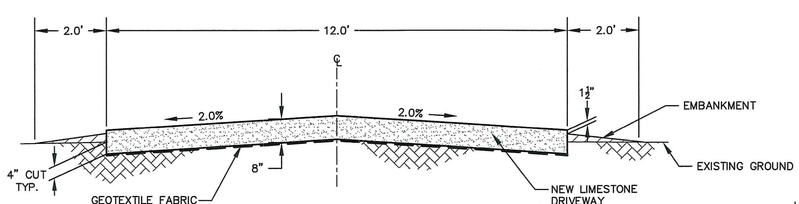
PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION
7600 GSRI Avenue • Baton Rouge, LA 70820
Phone: 225.769.2810 • Fax: 225.769.2882



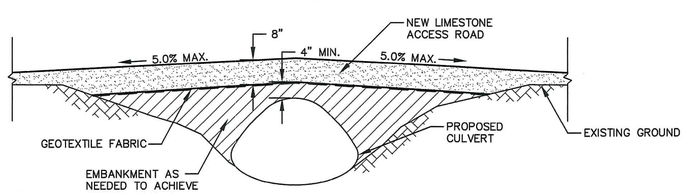
NOTE:
CONTRACTOR TO GRADE AND SEED DISTURBED AREAS



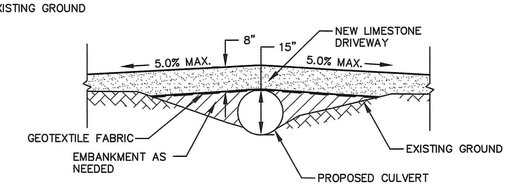
H: 1"=20'
V: 1"=2'



TYPICAL ACCESS ROAD SECTION
N.T.S.



36" EQUIVALENT ARCH
CULVERT SECTION
N.T.S.



15" CULVERT SECTION
N.T.S.

MATERIAL SPECIFICATIONS

EMBANKMENT MATERIAL SHALL BE APPROVED NATURAL SOILS WITH A PI OF 25 OR LESS, AN ORGANIC CONTENT OF LESS THAN 5 PERCENT AND A MAXIMUM SILT CONTENT OF 65 PERCENT. PRIOR TO TRANSPORTING SELECT FILL TO THE SITE, A SAMPLE FROM THE BORROW PIT SHOULD BE TESTED TO VERIFY ITS CONFORMANCE TO THESE SPECIFICATIONS.

EMBANKMENT MATERIAL WITH A PI OF 10 OR LESS SHALL BE CAPPED WITH A 6 INCH PLASTIC SOIL BLANKET. THIS SOIL BLANKET SHALL CONSIST OF SOILS HAVING A MINIMUM PI OF 12 AND MAXIMUM PI OF 35, A PH OF NOT LESS THAN 5.5 OR GREATER THAN 8.5 AND A MINIMUM ORGANIC CONTENT OF 3 PERCENT.

AGGREGATE SURFACE SHALL CONSIST OF CLEAN, SOUND, DURABLE PARTICLES OF CRUSHED 610 LIMESTONE, AND SHALL BE FREE FROM COATINGS OF CLAY, SILT, VEGETABLE MATTER, AND OTHER OBJECTIONABLE MATERIALS AND SHALL CONTAIN NO CLAY BALLS.

THE GEOTEXTILE FABRIC SHALL CONFORM TO REQUIREMENTS FOR CLASS C OR D FABRIC IN SECTION 1019 OF LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES 2006 EDITION.

DRAINAGE CULVERTS SHALL BE BITUMINOUS COATED CORRUGATED STEEL PIPE AND PIPE ARCH, 16 GAGE, TYPE A COATING AND TYPE III JOINTS.

SODDING SHALL BE IN ACCORDANCE WITH SECTION 714 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES 2006 EDITION.

CONSTRUCTION METHODS

ALL SOD AND VEGETABLE MATTER SHALL BE REMOVED FROM THE SURFACE UPON WHICH THE EMBANKMENT IS TO BE PLACED, AND THE CLEARED SURFACE SHALL BE COMPLETELY BROKEN UP BY PLOWING OR SCARIFYING TO A MINIMUM DEPTH OF 6 INCHES. THIS AREA SHALL THEN BE COMPACTED TO A DENSITY OF NOT LESS THAN 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D 698.

EMBANKMENT SHALL BE FORMED IN SUCCESSIVE HORIZONTAL LAYERS OF NOT MORE THAN 8 INCHES IN LOOSE DEPTH FOR THE FULL WIDTH OF THE CROSS SECTION, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

THE MATERIAL IN EACH LAYER SHALL BE WITHIN +/-2 PERCENT OF OPTIMUM MOISTURE CONTENT BEFORE ROLLING TO OBTAIN 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D 698. IN ORDER TO ACHIEVE A UNIFORM MOISTURE CONTENT THROUGHOUT THE LAYER, WETTING OR DRYING OF THE MATERIAL AND MANIPULATION SHALL BE REQUIRED WHEN NECESSARY. SHOULD THE MATERIAL BE TOO WET TO PERMIT PROPER COMPACTION OR ROLLING, ALL WORK ON ALL OF THE AFFECTED PORTIONS OF THE EMBANKMENT SHALL BE DELAYED UNTIL THE MATERIAL HAS DRIED TO THE REQUIRED MOISTURE CONTENT.

THE GEOTEXTILE FABRIC SHOULD BE PLACED WITHOUT FOLDS OR WRINKLES. ADJACENT PANELS MAY BE OVERLAPPED IN ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS, BUT IN NO CASE SHALL THE WIDTH OF THE OVERLAP BE LESS THAN 18 INCHES.

THE LIMESTONE SURFACE COURSE SHALL BE PLACED ON THE PREPARED SUBGRADE FROM HAULING VEHICLES. NO LIMESTONE SHALL BE PLACED ON A DAMAGED SUBGRADE UNTIL REPAIRS HAVE BEEN COMPLETED AND APPROVED. THE MATERIAL SHALL BE SHAPED BY SUITABLE MEANS AND COMPACTED TO THE SATISFACTION OF THE ENGINEER.

STATE OF LOUISIANA
GERALD W. BABIN, JR.
REG. No. 28785
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
9/19/12

PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION
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Phone: 225.769.2810 • Fax: 225.769.2882

ST. JOHN THE BAPTIST AIRPORT
AUTOMATED WEATHER
OBSERVATION SYSTEM (AWOSO
PLAN AND PROFILE

SHEET NUMBER	3
OWNER	ST. JOHN THE BAPTIST PARISH
STATE PROJECT No.	977-99-0107 – H.008634
A.I.P. No.	
DESIGNED DETAILED	G. BABIN M. BODIN
CHECKED PEC No.	G. BABIN 1100S
DATE SCALE	AUGUST 2012 AS SHOWN

NO.	DATE	REVISION DESCRIPTION	BY

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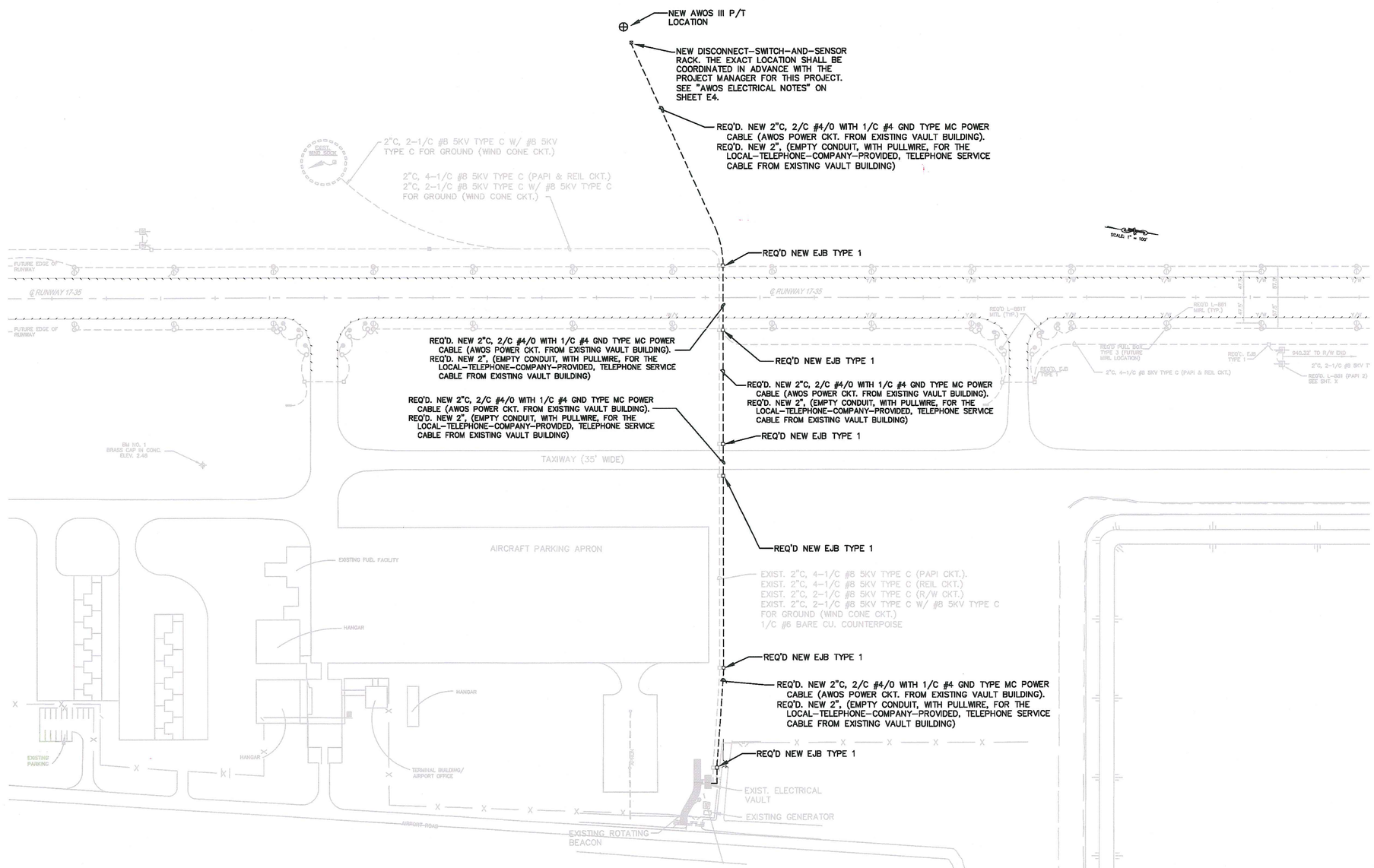
NOTES :

1. CONTRACTOR SHALL JACK OR BORE UNDER TAXIWAY, RUNWAY, OR PAVED AREAS AND INSTALL 4" SCHEDULE 80 PVC CONDUIT WITH BELL-ENDS AND WITH QUANTITY AS INDICATED ON THE DRAWING. CONDUIT SHALL BE INSTALLED AT 60" MINIMUM DEPTH WITH 120" MINIMUM EXTENSION BEYOND THE EDGE OF PAVEMENT.
2. ALL L-823 CONNECTORS AT EACH ISOLATION TRANSFOMER SHALL BE PROTECTED BY A HEAT SHRINK TUBING.
3. CONTRACTOR SHALL LOCATE COUNTERPOISE GROUND RODS EVERY 500 FEET.
4. ALL ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
5. THE CONDUIT SYSTEM, ALL ELECTRICAL EQUIPMENT, ALL STEEL STRUCTURES, ETC. SHALL BE CONNECTED TO THE GROUNDING SYSTEM PER ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE
6. CONDUIT ROUTING AND EQUIPMENT LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY. THE EXACT LOCATION OF ALL EQUIPMENT AND ROUTING OF CABLES AND CONDUIT SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE DURING CONSTRUCTION.
7. LOCATIONS OF SERVICE POLE, CONDUITS, BOXES, FITTINGS, ETC., ARE DIAGRAMMATIC. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO VERIFY ALL SIZES, LOCATIONS, REVIEW ALL MECHANICAL SHOP DRAWINGS AND COORDINATE WITH THE MECHANICAL CONTRACTOR, POWER COMPANY, OWNER AND ENGINEER TO INSURE THE TIMELY DELIVERY AND PROPER INSTALLATION OF ALL ELECTRICAL EQUIPMENT, (IE CONTROL PANELS, SERVICE POLE, AREA LIGHTING, ETC.).
8. BEFORE INSTALLATION, THE ELECTRICAL CONTRACTOR SHALL SUBMIT DETAILED LAYOUT DRAWINGS TO THE ENGINEER FOR REVIEW COVERING PROPOSED LOCATIONS, MOUNTING, AND ROUTING FOR ALL CONDUITS, SERVICES, FITTINGS, GROUND RODS, DUCT BANKS, AREA LIGHTING, CONTROL PANELS, SUPPORTS, ETC.
9. MINIMUM CONDUIT SIZE IS 2" – ALL EXPOSED CONDUIT SHALL BE RIGID ALUMINUM AND ALL DUCT BANK CONDUIT SHALL BE SCHEDULE 40PVC UNLESS NOTED OTHERWISE.
10. THE CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING STAKE MOUNTED RUNWAY LIGHT FIXTURES AND RETURN TO OWNER. THE 600V CABLE SHALL BE CUT AND REMOVED 10 FEET FROM THE STAKE MOUNTED FIXTURES IN EITHER DIRECTION. THE REMAINING 600V CABLE SHALL BE ABANDONED IN PLACE.
11. THE CONTRACTOR SHALL APPLY AN APPROPRIATE ANTI SEIZE COMPOUND TO ALL MECHANICAL FASTENERS. SUCH AS FRANGIBLE COUPLING THREADS AND L-867 CAN BOLTS.

LEGEND

SYMBOL	DESCRIPTION
	MEDIUM INTENSITY RUNWAY LIGHT
	MEDIUM INTESITY TAXIWAY LIGHT (BLUE)
	THRESHOLD LIGHTS
	REIL
	ELECTRICAL JUNCTION BOX (TYPE 1)
	PULL BOX (TYPE 2)
	PULL BOX (TYPE 3)
	PAPI II
	HOLD SIGN
	WIND CONE (EXISTING)
	CONDUIT, WIRE RUN



STATE OF LOUISIANA
WILLIAM E. NEWSOM, JR.
License No. 16-20
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING

PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION
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ST. JOHN THE BAPTIST PARISH AIRPORT
AUTOMATED WEATHER OBSERVATION SYETEM (AWOS)
OVERALL ELECTRICAL PLAN

NO.	DATE	REVISION DESCRIPTION	BY

DESIGNED DETAILED	WON SAN
CHECKED REQ. No.	WON 11005
DATE SCALE	AUGUST 2012 1" = 100'
OWNER	ST. JOHN THE BAPTIST PARISH
STATE PROJECT No.	
A.I.P. No.	
SHEET NUMBER	E1

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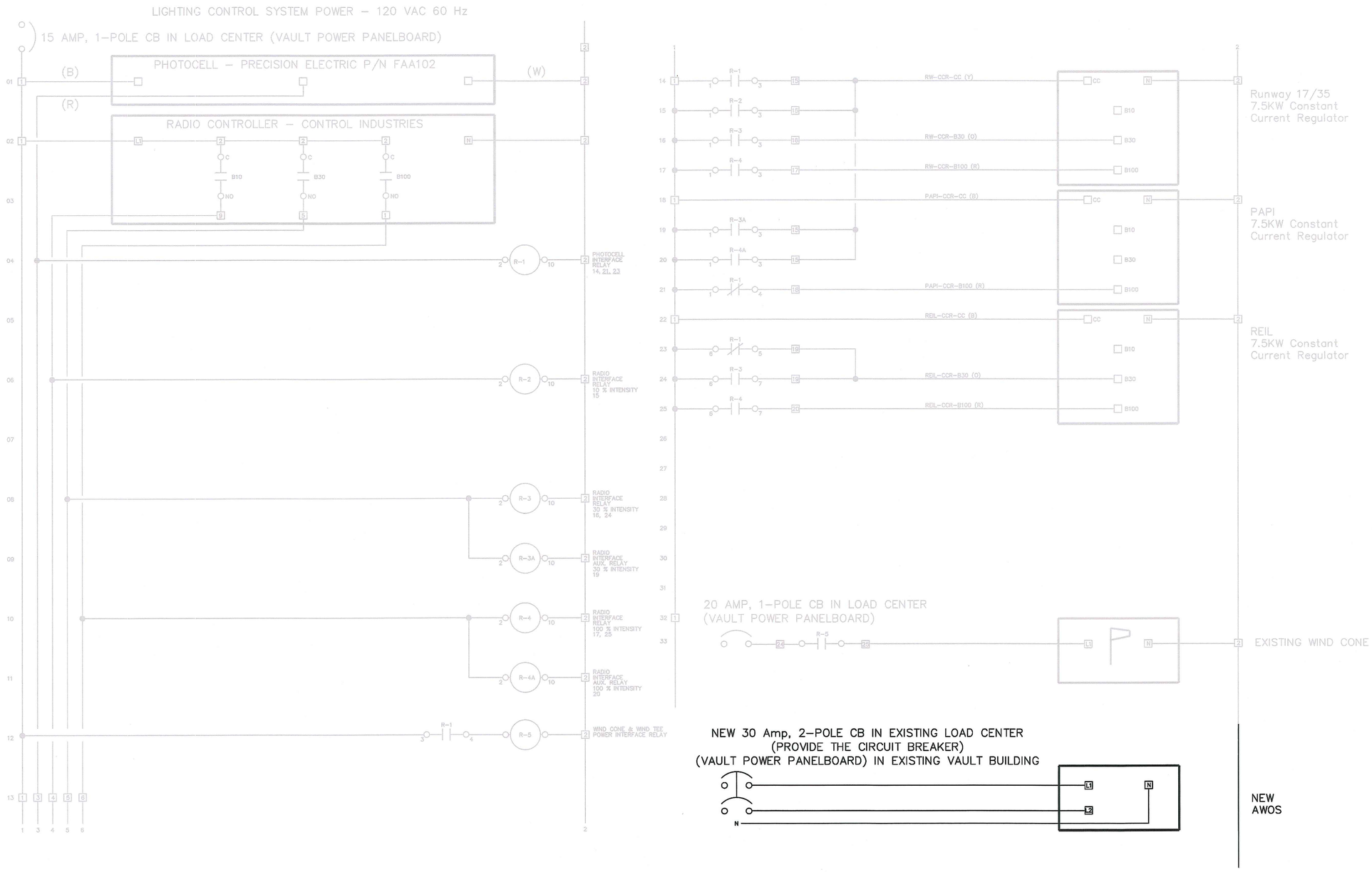

NOTE:

1.) CONTRACTOR SHALL VERIFY TERMINAL CONNECTIONS WITH THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.

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SHEET NUMBER	E2
OWNER	ST. JOHN THE BAPTIST PARISH
STATE PROJECT No.	
A.I.P. No.	
DESIGNED BY/AUD	WDN SAN
CHECKED REQ. No.	WDN 11005
DATE SCALE	AUGUST 2012 N/A

NO.	DATE	REVISION DESCRIPTION	BY

ST. JOHN THE BAPTIST PARISH AIRPORT
AUTOMATED WEATHER OBSERVATION SYTEM (AWOS)
LIGHTING ELEMENTARY DIAGRAM

PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION
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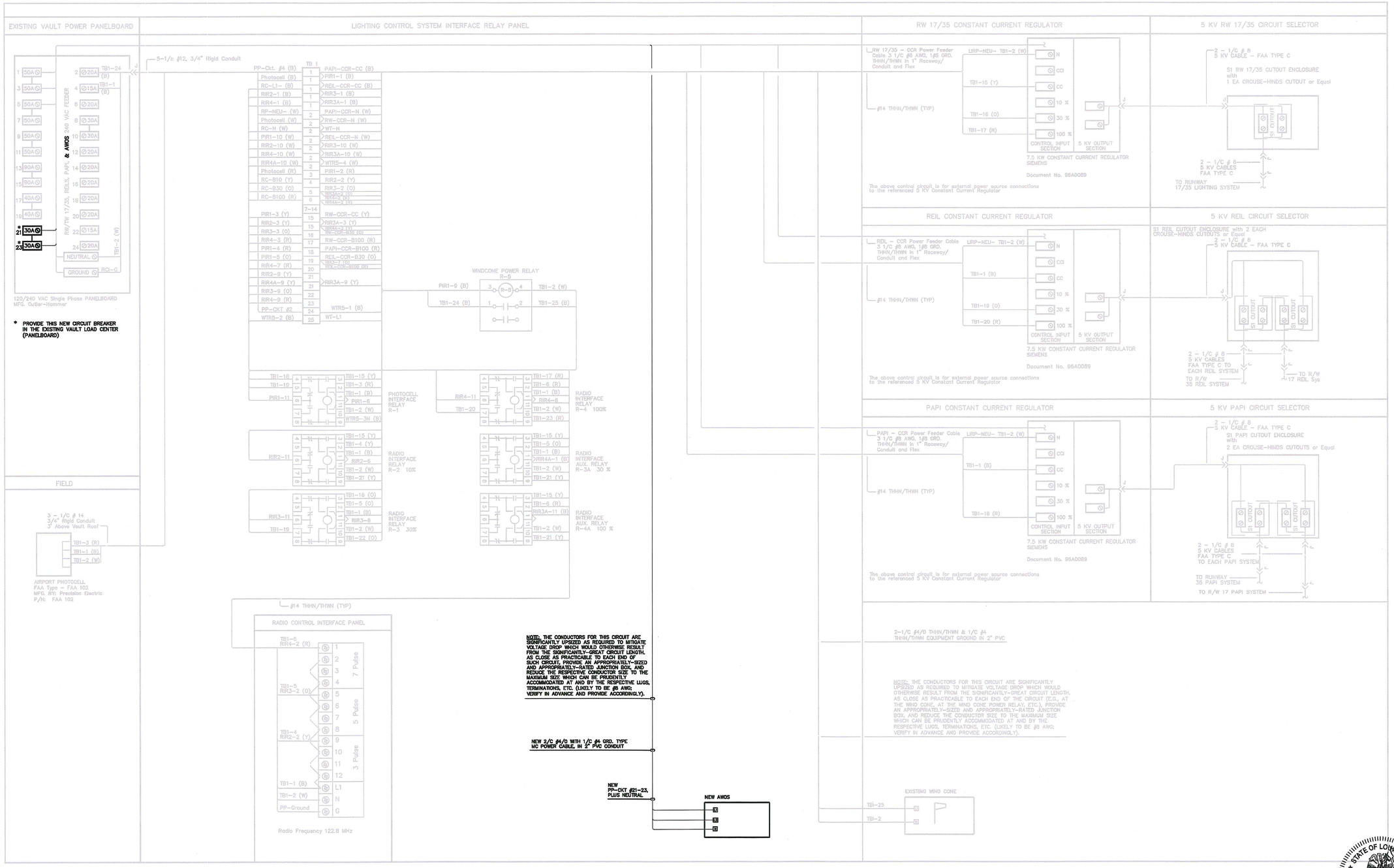
STATE OF LOUISIANA
WILLIAM H. WEBB, JR.
License No. 19015
PROFESSIONAL ENGINEER
IN
ELECTRICAL & CONTROL SYSTEMS ENGINEERING



SHEET NUMBER E3

ST. JOHN THE BAPTIST PARISH

OWNER | STATE PROJECT No. | A.I.P. No.

WON 5AN | WON 11005 | AUGUST 2012

DESIGNED DETMALD | CHECKED FED. No. | DATE N/A | SCALE

NO.	DATE	REVISION DESCRIPTION	BY

ST. JOHN THE BAPTIST PARISH AIRPORT

AUTOMATED WEATHER OBSERVATION SYETEM (AWOS)

WIRING DIAGRAMS

PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION
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Phone: 225.767.2810 • Fax: 225.769.2882

STATE OF LOUISIANA — DANIEL NIXON, JR. — License No. 16212 — PROFESSIONAL ENGINEER IN ELECTRICAL & CONTROL SYSTEMS ENGINEERING

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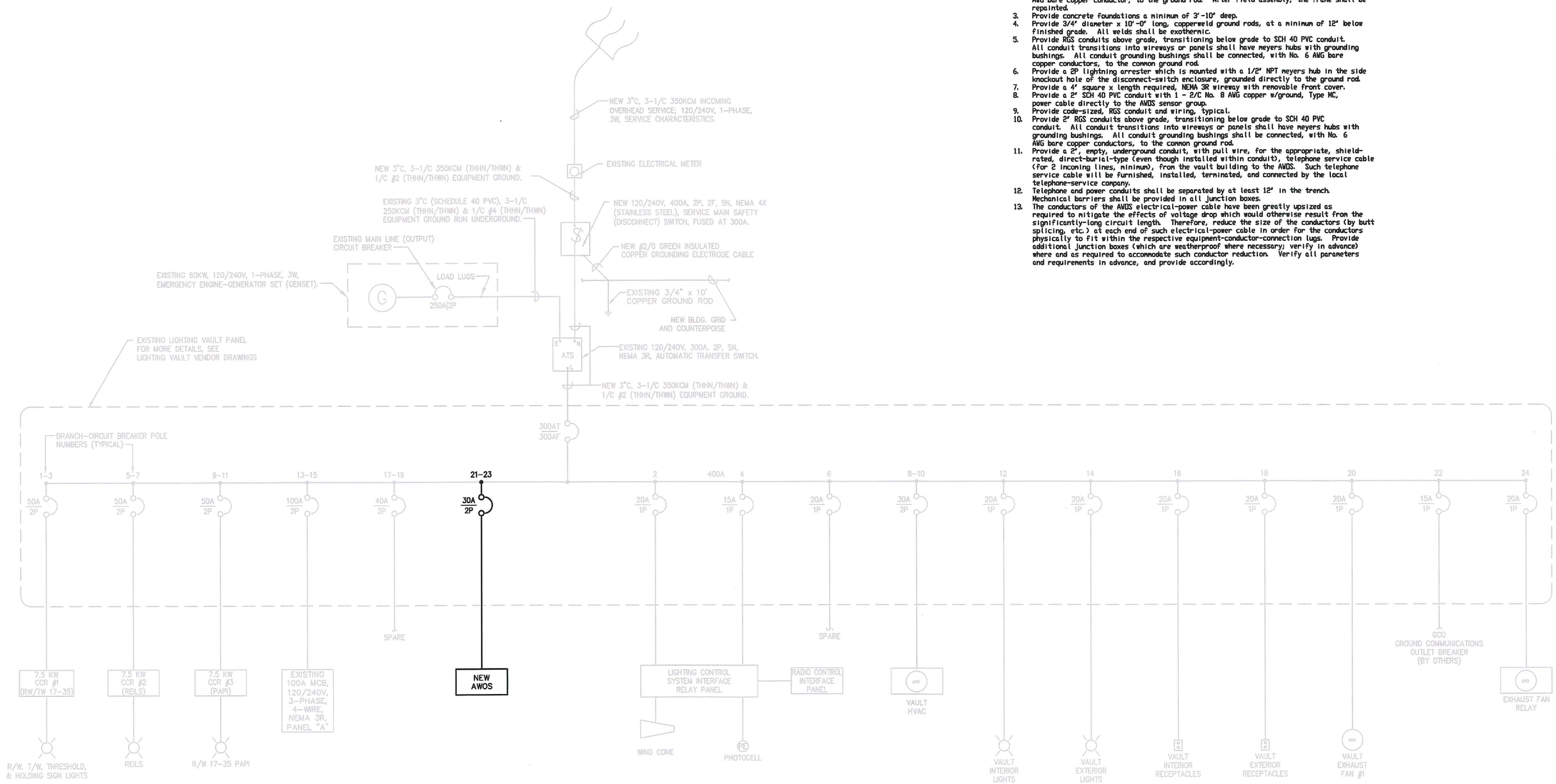

ELECTRICAL ONE-LINE DIAGRAM

AWOS ELECTRICAL NOTES

1. Provide a new 30A, 2P, 2F, 120/240VAC, NEMA 3R disconnect switch, fused at 30A, at the sensor rack.
2. Provide a new sensor and electrical distribution equipment mounting frame and foundations, made of 3" diameter, SCH 40, threaded, galvanized steel pipe with end caps on one (1) end. Set pipes in foundations as per vendor/contractor-referenced drawings. Cross members shall be 1-5/8" square, 12-gauge, hot-dipped, galvanized-steel, electrical channel, fastened to the pipes with galvanized U-bolts. All bare metal ends of channels shall have two (2) coats of cold galvanized spray applied. Ground the frame, with a No. 6 AWG bare copper conductor, to the ground rod. After field assembly, the frame shall be repainted.
3. Provide concrete foundations a minimum of 3'-10" deep.
4. Provide 3/4" diameter x 10'-0" long, copperweld ground rods, at a minimum of 12" below finished grade. All welds shall be exothermic.
5. Provide RGS conduits above grade, transitioning below grade to SCH 40 PVC conduit. All conduit transitions into wireways or panels shall have meyers hubs with grounding bushings. All conduit grounding bushings shall be connected, with No. 6 AWG bare copper conductors, to the common ground rod.
6. Provide a 2P lightning arrester which is mounted with a 1/2" NPT meyers hub in the side knockout hole of the disconnect-switch enclosure, grounded directly to the ground rod.
7. Provide a 4" square x length required, NEMA 3R wireway with removable front cover.
8. Provide a 2" SCH 40 PVC conduit with 1 - 2/C No. 8 AWG copper w/ground, Type MC, power cable directly to the AWOS sensor group.
9. Provide code-sized, RGS conduit and wiring, typical.
10. Provide 2" RGS conduits above grade, transitioning below grade to SCH 40 PVC conduit. All conduit transitions into wireways or panels shall have meyers hubs with grounding bushings. All conduit grounding bushings shall be connected, with No. 6 AWG bare copper conductors, to the common ground rod.
11. Provide a 2", empty, underground conduit, with pull wire, for the appropriate, shield-rated, direct-burial-type (even though installed within conduit), telephone service cable (for 2 incoming lines, minimum), from the vault building to the AWOS. Such telephone service cable will be furnished, installed, terminated, and connected by the local telephone-service company.
12. Telephone and power conduits shall be separated by at least 12" in the trench. Mechanical barriers shall be provided in all junction boxes.
13. The conductors of the AWOS electrical-power cable have been greatly upsized as required to mitigate the effects of voltage drop which would otherwise result from the significantly-long circuit length. Therefore, reduce the size of the conductors (by butt splicing, etc.) at each end of such electrical-power cable in order for the conductors physically to fit within the respective equipment-conductor-connection lugs. Provide additional junction boxes (which are weatherproof where necessary; verify in advance) where and as required to accomodate such conductor reduction. Verify all parameters and requirements in advance, and provide accordingly.

SHEET NUMBER E4

ST. JOHN THE BAPTIST PARISH

OWNER | STATE PROJECT No. | A.I.P. No.

WON SAN | WON 11005 | AUGUST 2012 N/A

DESIGNED DETAILED | CHECKED PES No. | DATE SCALE

NO.	DATE	REVISION DESCRIPTION	BY

ST. JOHN THE BAPTIST PARISH AIRPORT
AUTOMATED WEATHER OBSERVATION SYETEM (AWOS)
ONE-LINE DIAGRAM

PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION
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STATE OF LOUISIANA
W. DANIEL MERRY, JR.
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PROFESSIONAL ENGINEER IN ELECTRICAL & CONTROL SYSTEMS ENGINEERING

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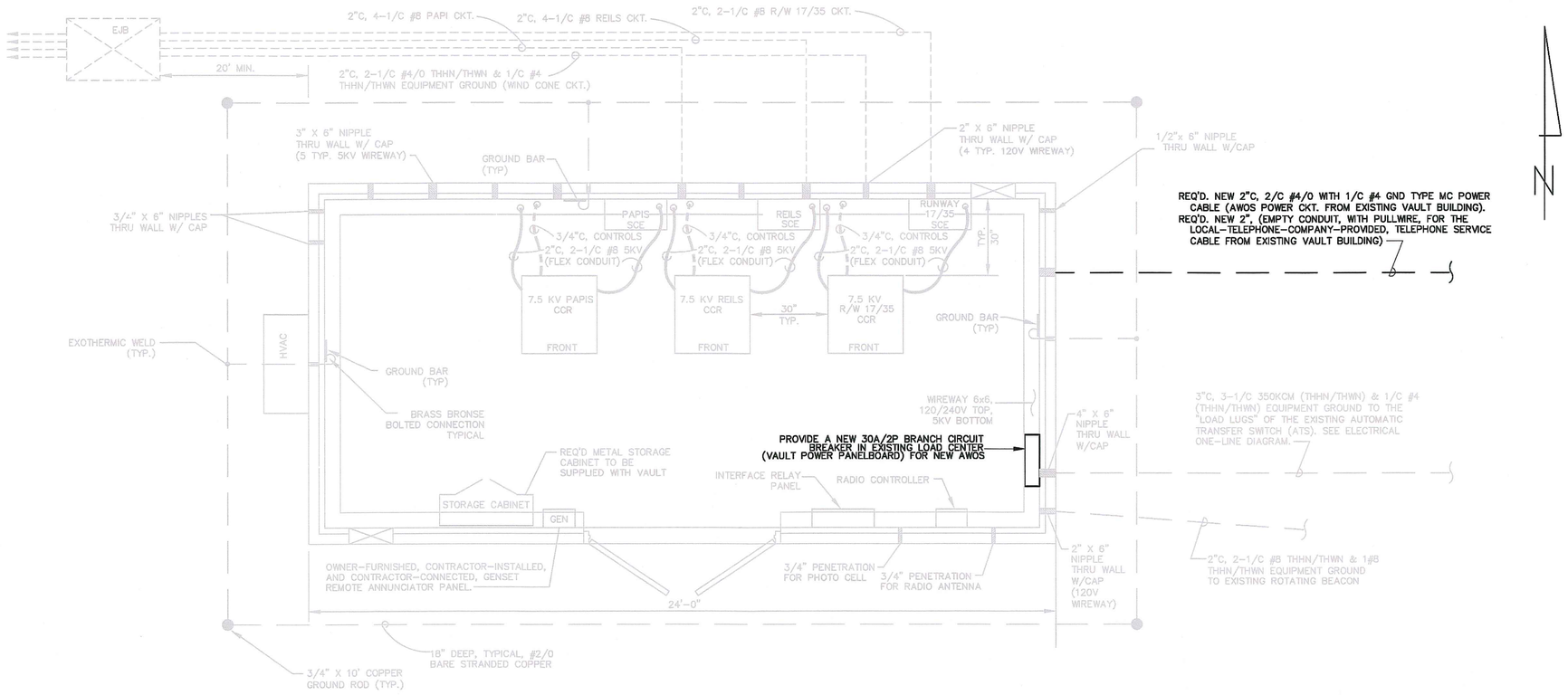
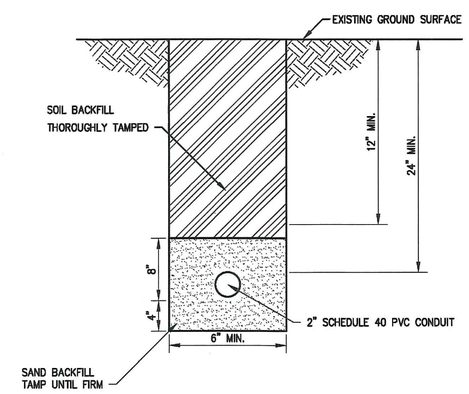


EXISTING VAULT FLOOR PLAN



TYPICAL CONDUIT INSTALLATION DETAIL

N.T.S.

SHEET NUMBER E5

ST. JOHN THE BAPTIST PARISH

OWNER

STATE PROJECT No.

A.I.P. No.

DESIGNED DETAILED: WDN SAN

CHECKED PEC No.: WDN 11005

DATE SCALE: AUGUST 2012 N/A

NO.	DATE	REVISION DESCRIPTION	BY

ST. JOHN THE BAPTIST PARISH AIRPORT

AUTOMATED WEATHER OBSERVATION SYETEM (AWOS)

ELECTRICAL VAULT PLAN & DETAILS

PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION
7600 GSRI Avenue • Baton Rouge, LA 70820
Phone: 225.769.2810 • Fax: 225.769.2882

STATE OF LOUISIANA
W. DANIEL NIEDRIT, JR.
License No. 16212
PROFESSIONAL ENGINEER IN ELECTRICAL & CONTROL SYSTEMS ENGINEERING

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