THE NATIONAL WORLD WAR II MUSEUM

945 MAGAZINE STREET NEW ORLEANS, LA 70130

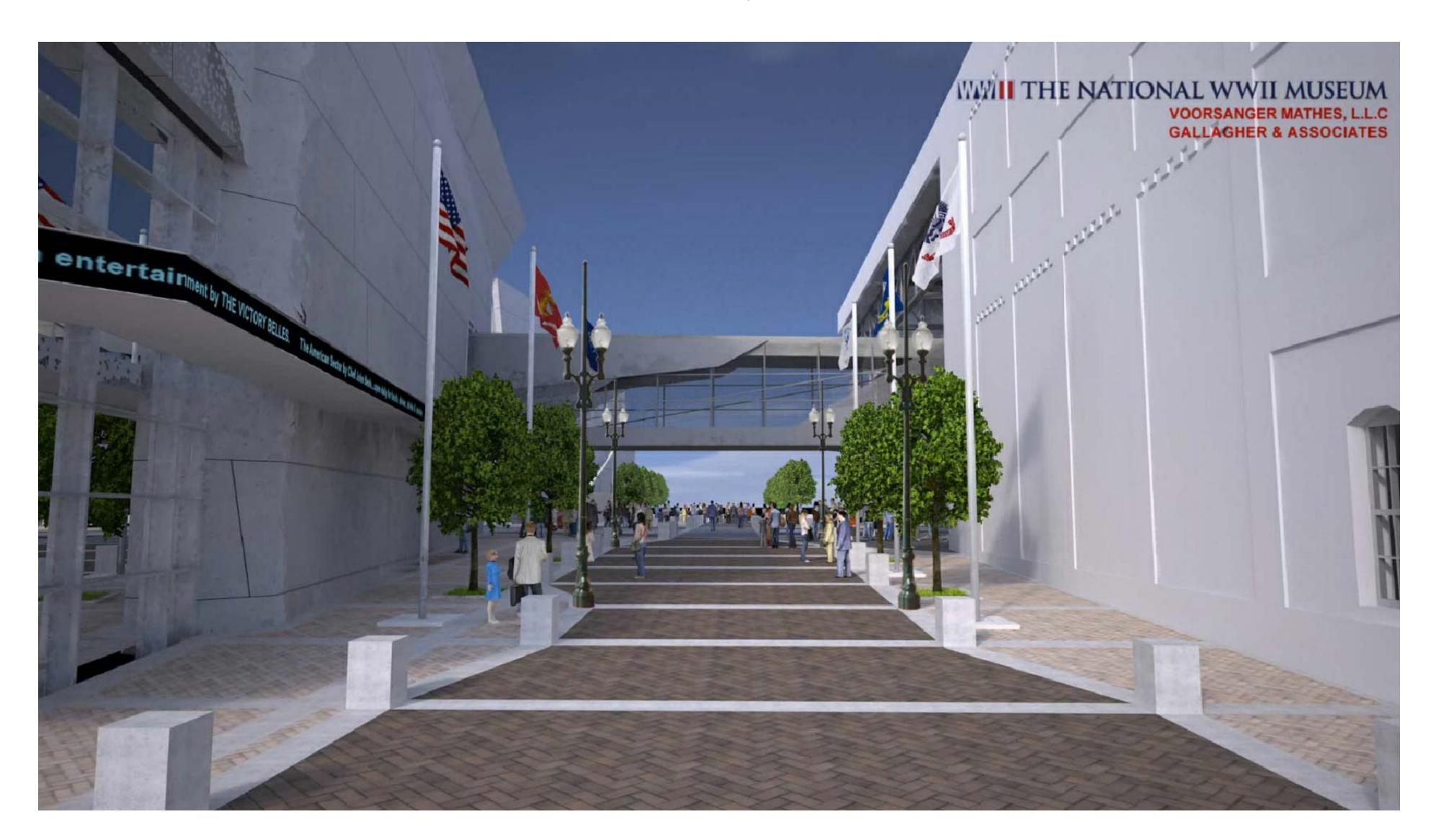
Voorsanger Mathes, L.L.C.

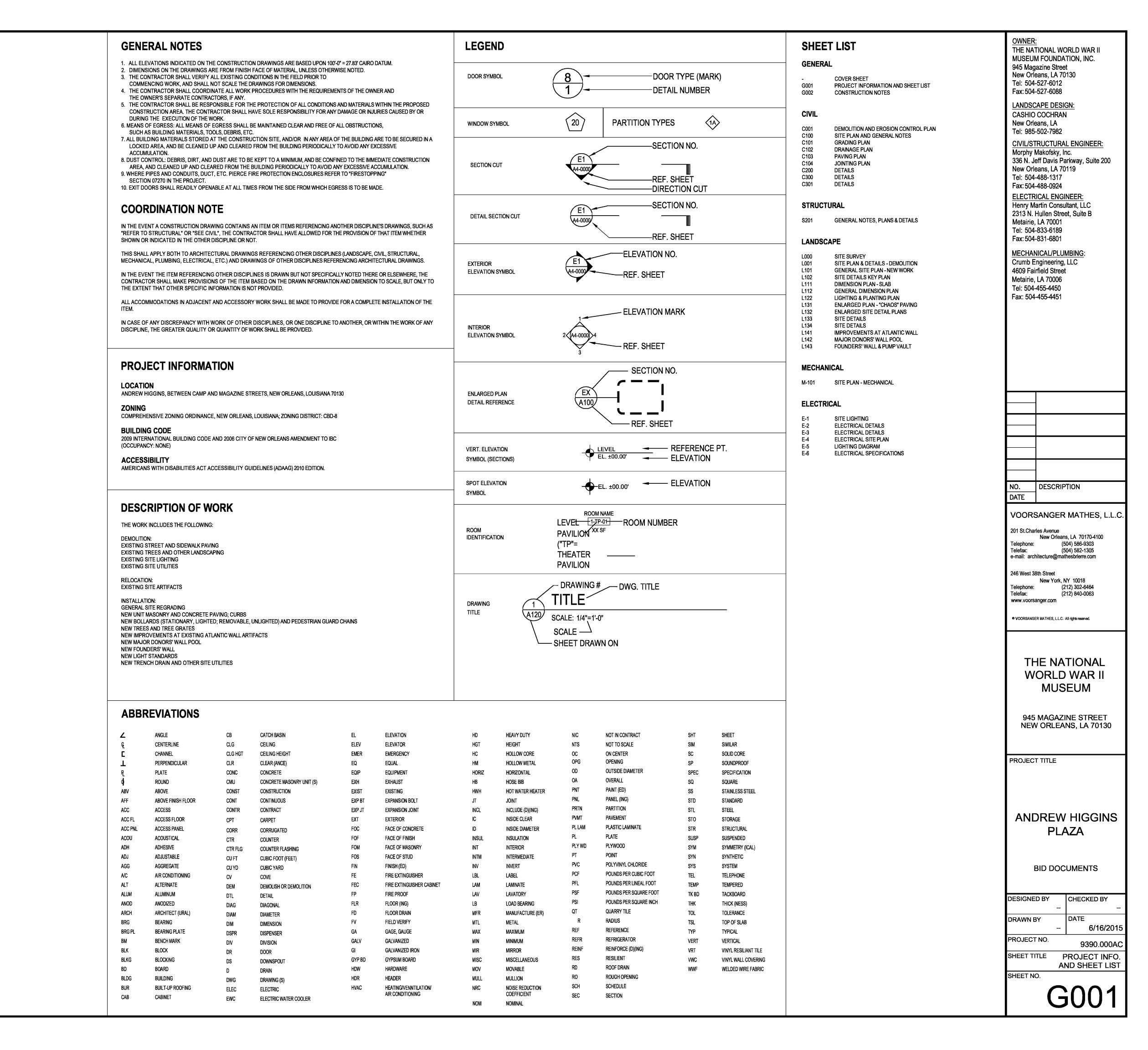
201 Saint Charles Avenue, Suite 4100 New Orleans, Louisiana 70170 Tel. 504-586-9303 Fax 504-582-1305

246 West 38th Street New York, New York 10018 Tel. 212-302-6464 Fax 212-840-0063

ANDREW HIGGINS PLAZA

BID DOCUMENTS
JUNE 16, 2015







OWNER:
THE NATIONAL WORLD WAR II
MUSEUM FOUNDATION, INC.
945 Magazine Street
New Orleans, LA 70130
Tel: 504-527-6012
Fax: 504-527-6088

LANDSCAPE DESIGN:
CASHIO COCHRAN
New Orleans, LA

CIVIL/STRUCTURAL ENGINEER:
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Tel: 504-488-1317
Fax: 504-488-0924
ELECTRICAL ENGINEER:
Henry Martin Consultant, LLC

Tel: 985-502-7982

ELECTRICAL ENGINEER:
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MECHANICAL/PLUMBING:
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4609 Fairfield Street
Metairie, LA 70006
Tel: 504-455-4450
Fax: 504-455-4451

NO. DESCRIPTION

DATE

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THE NATIONAL WORLD WAR II MUSEUM

945 MAGAZINE STREET NEW ORLEANS, LA 70130

PROJECT TITLE

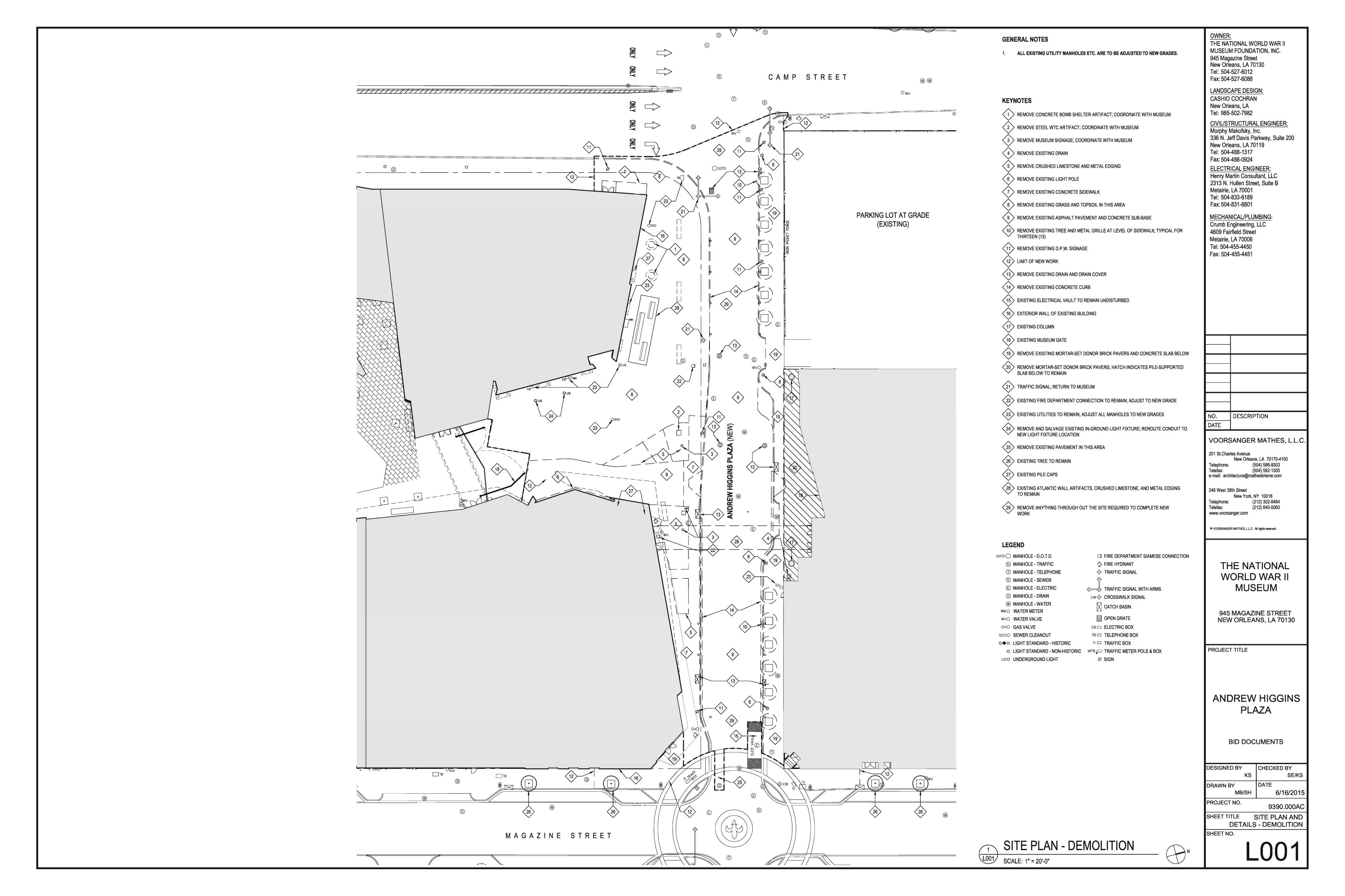
ANDREW HIGGINS PLAZA

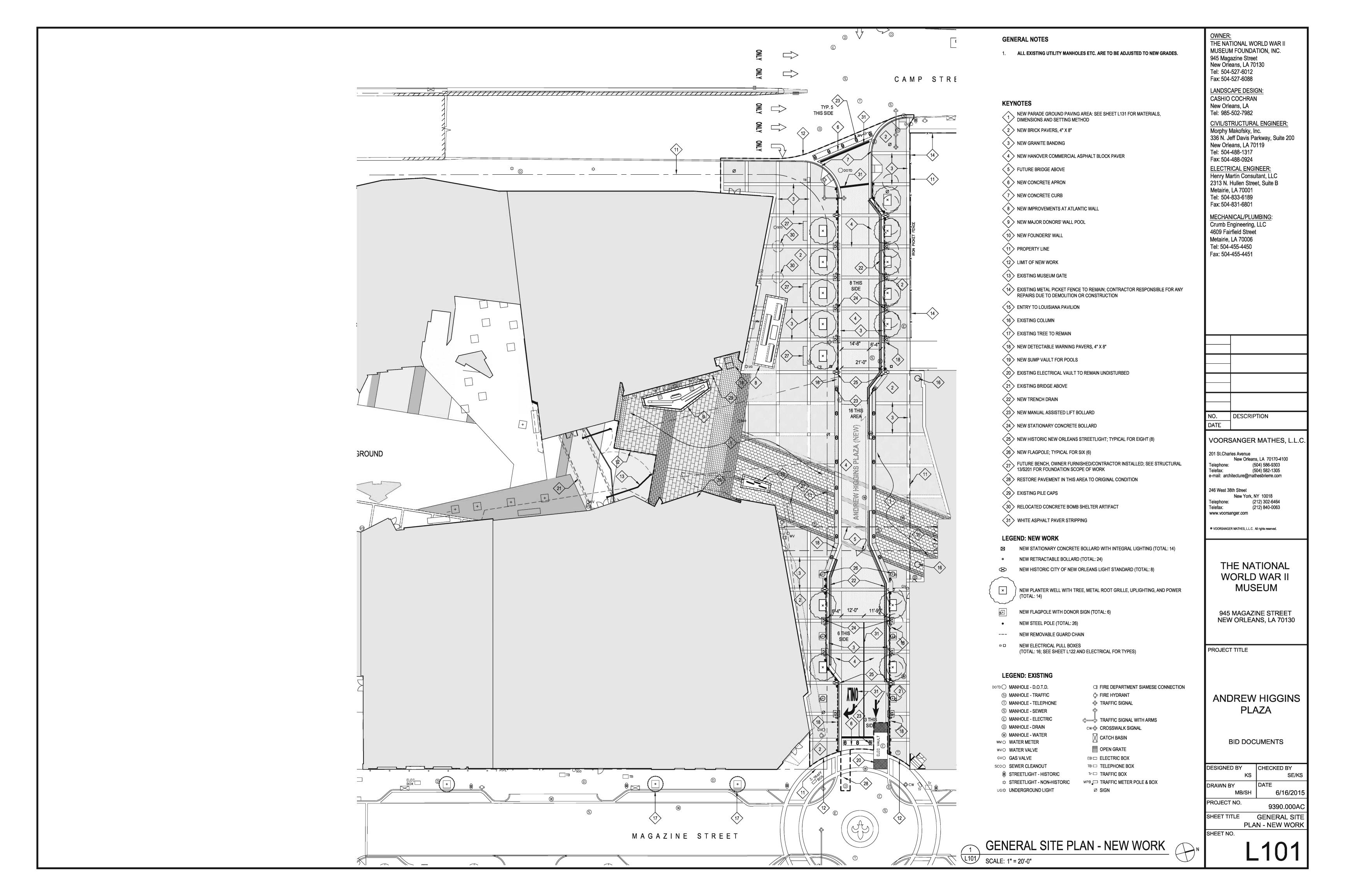
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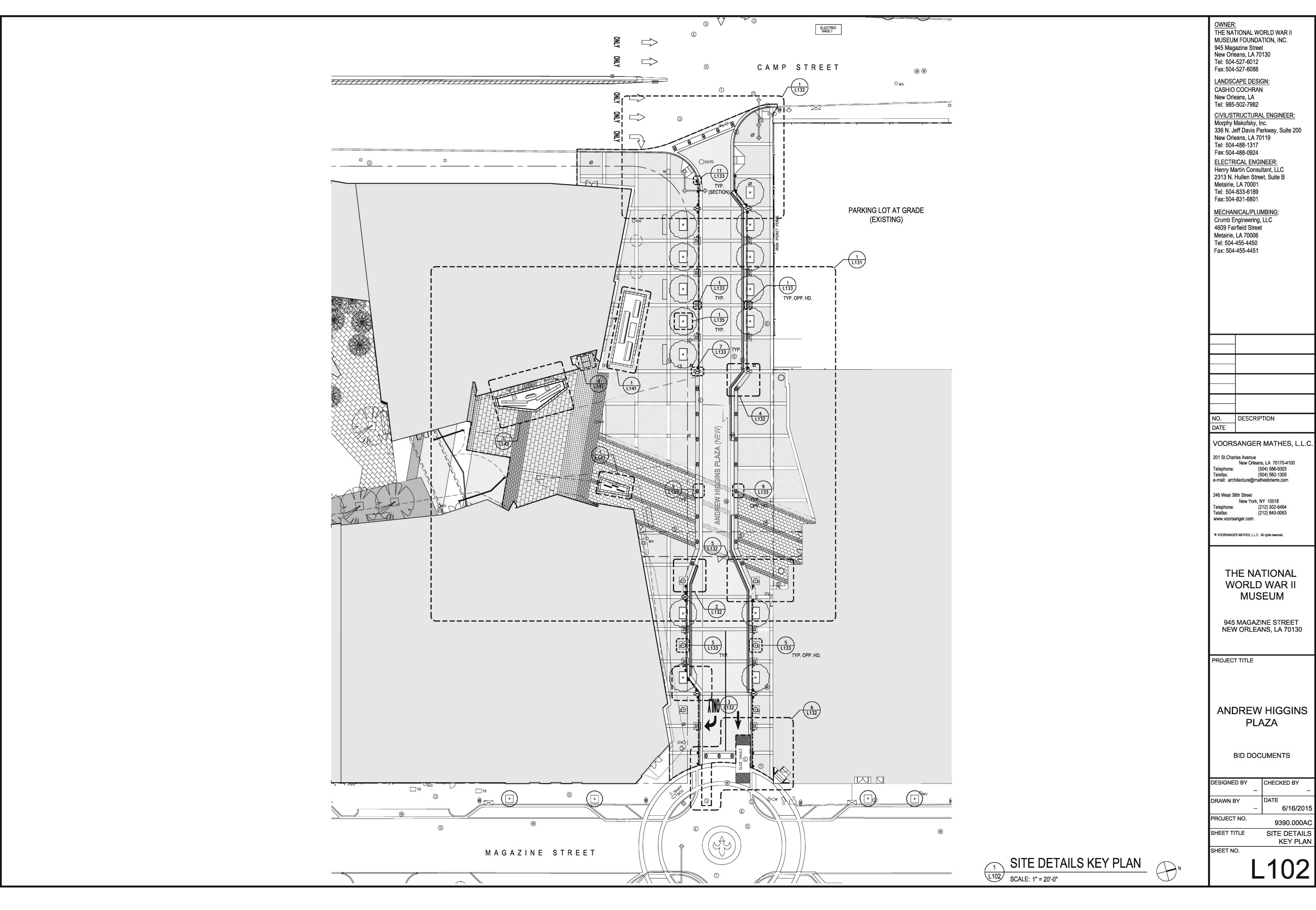
DESIGNED BY	CHECKED BY
DRAWN BY	DATE
	 6/16/201
PROJECT NO.	9390.000A
SHEET TITLE	AERIAL PLAN

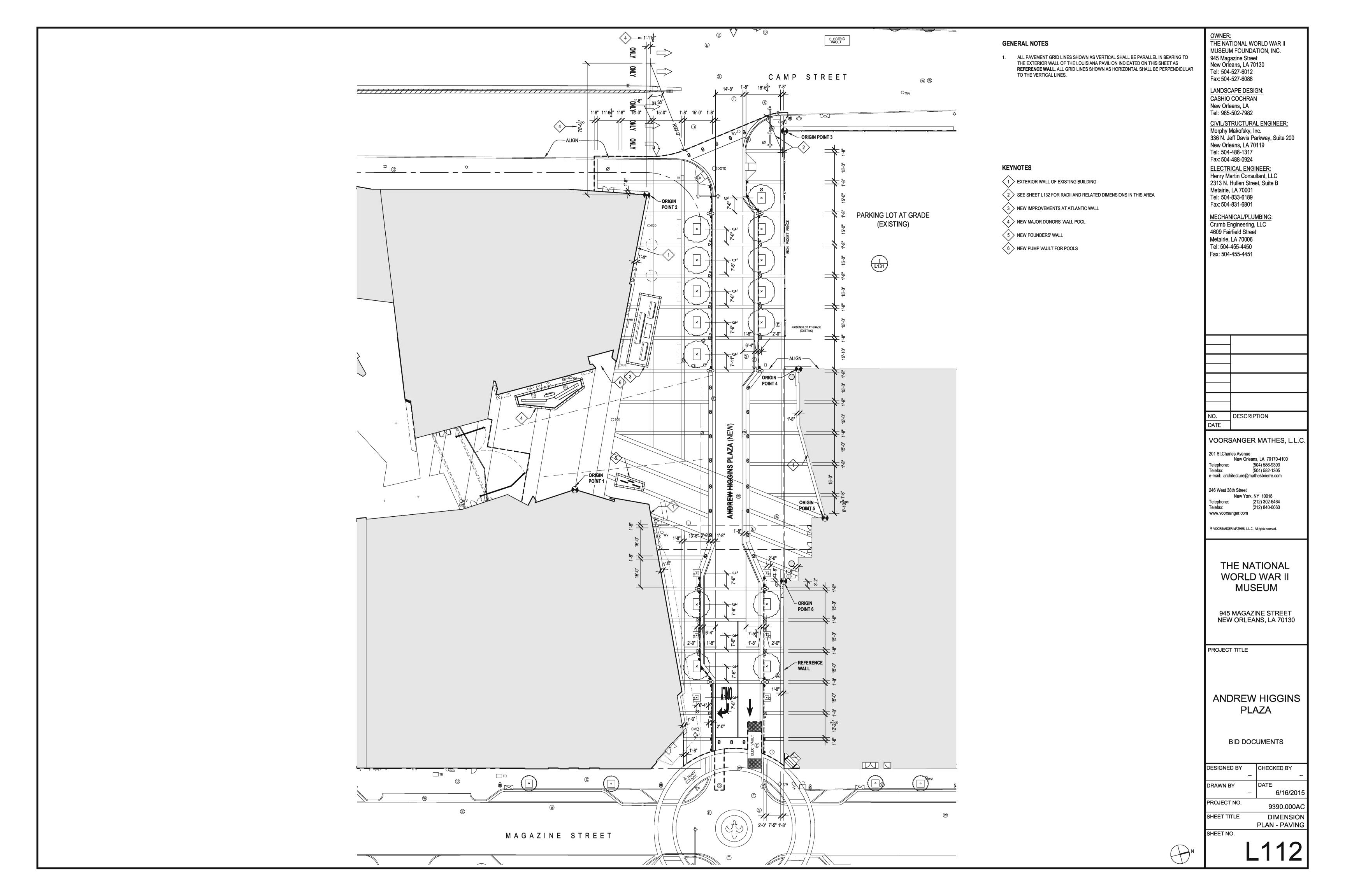
SHEET N

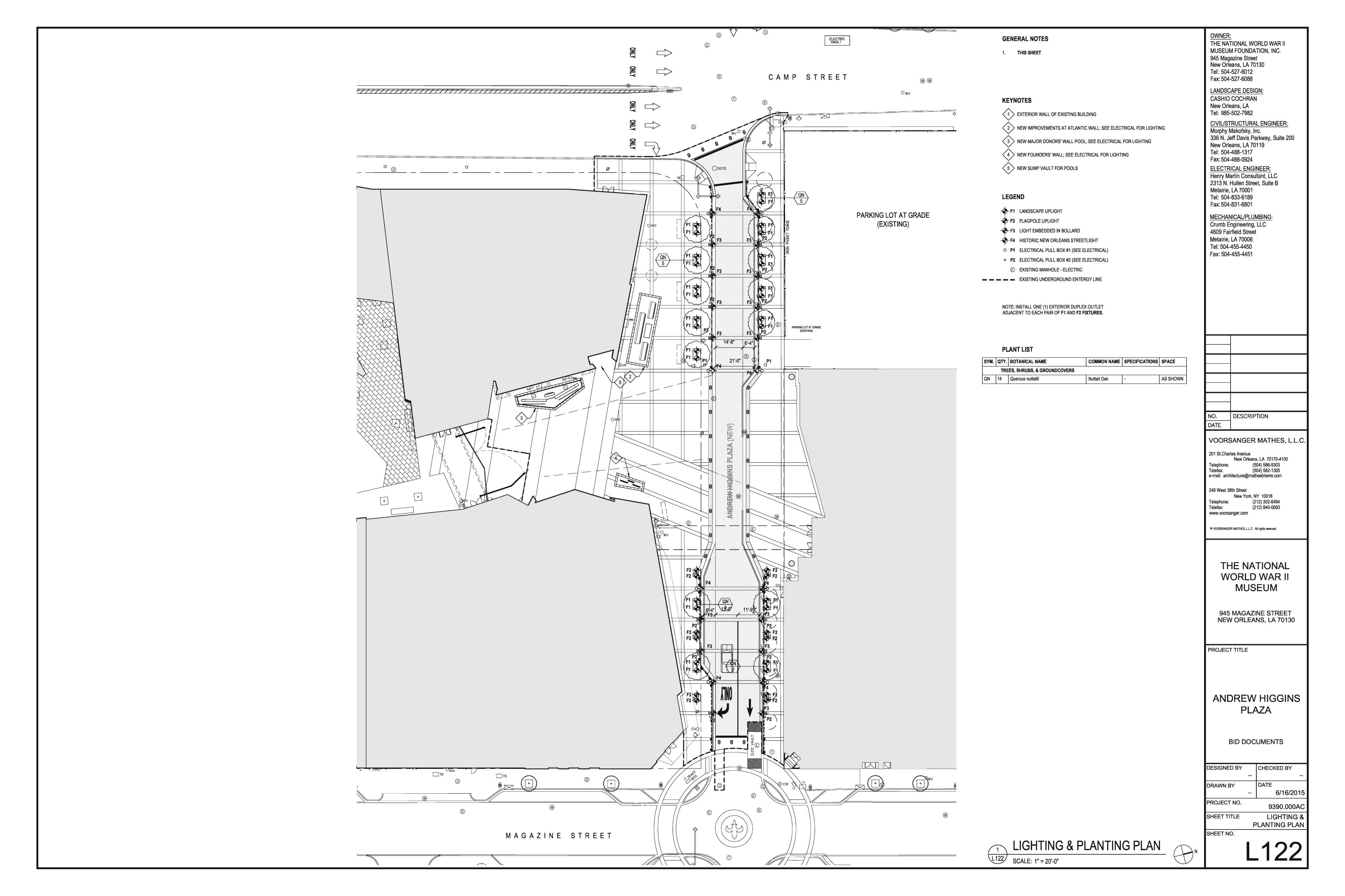
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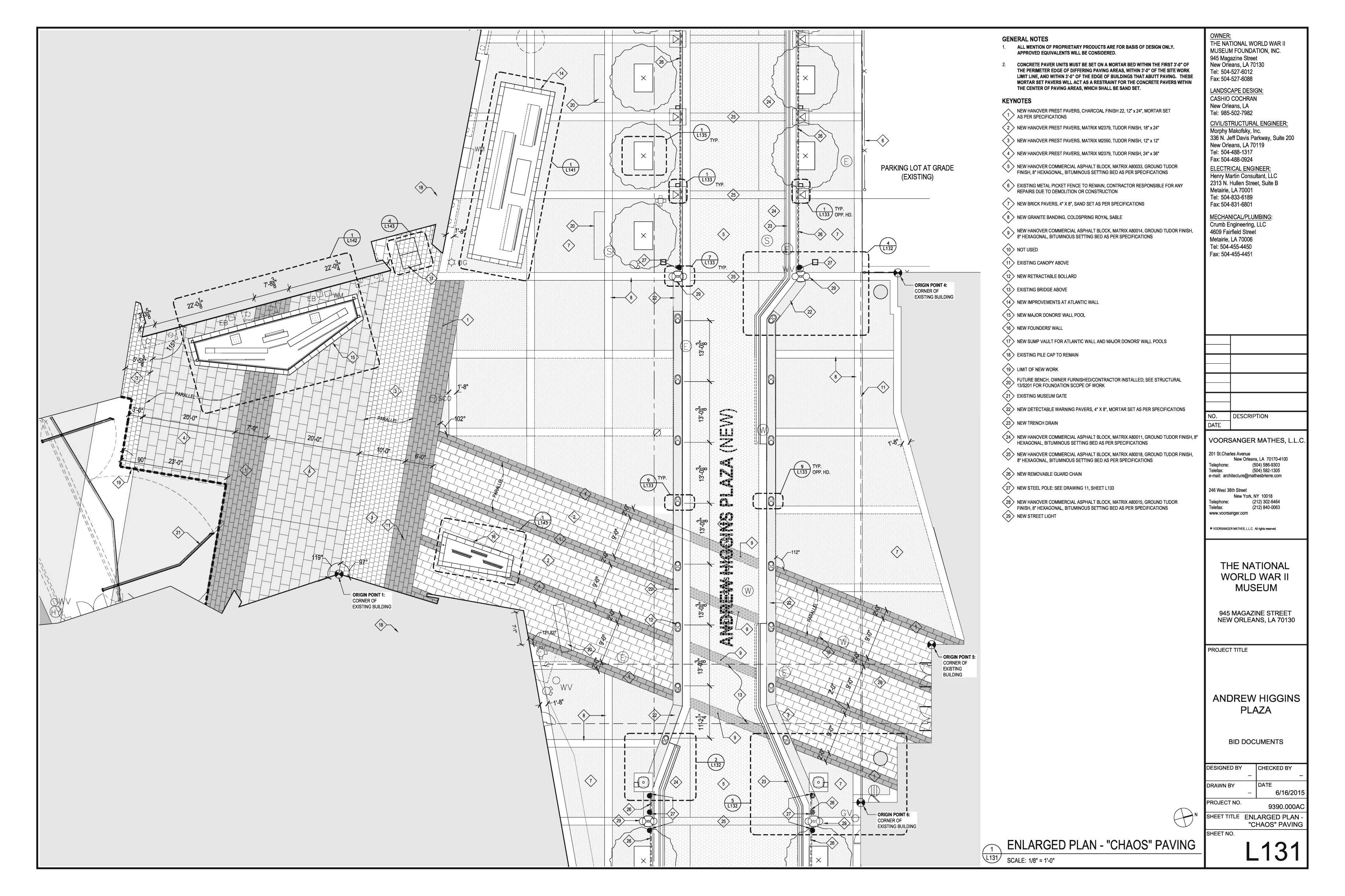


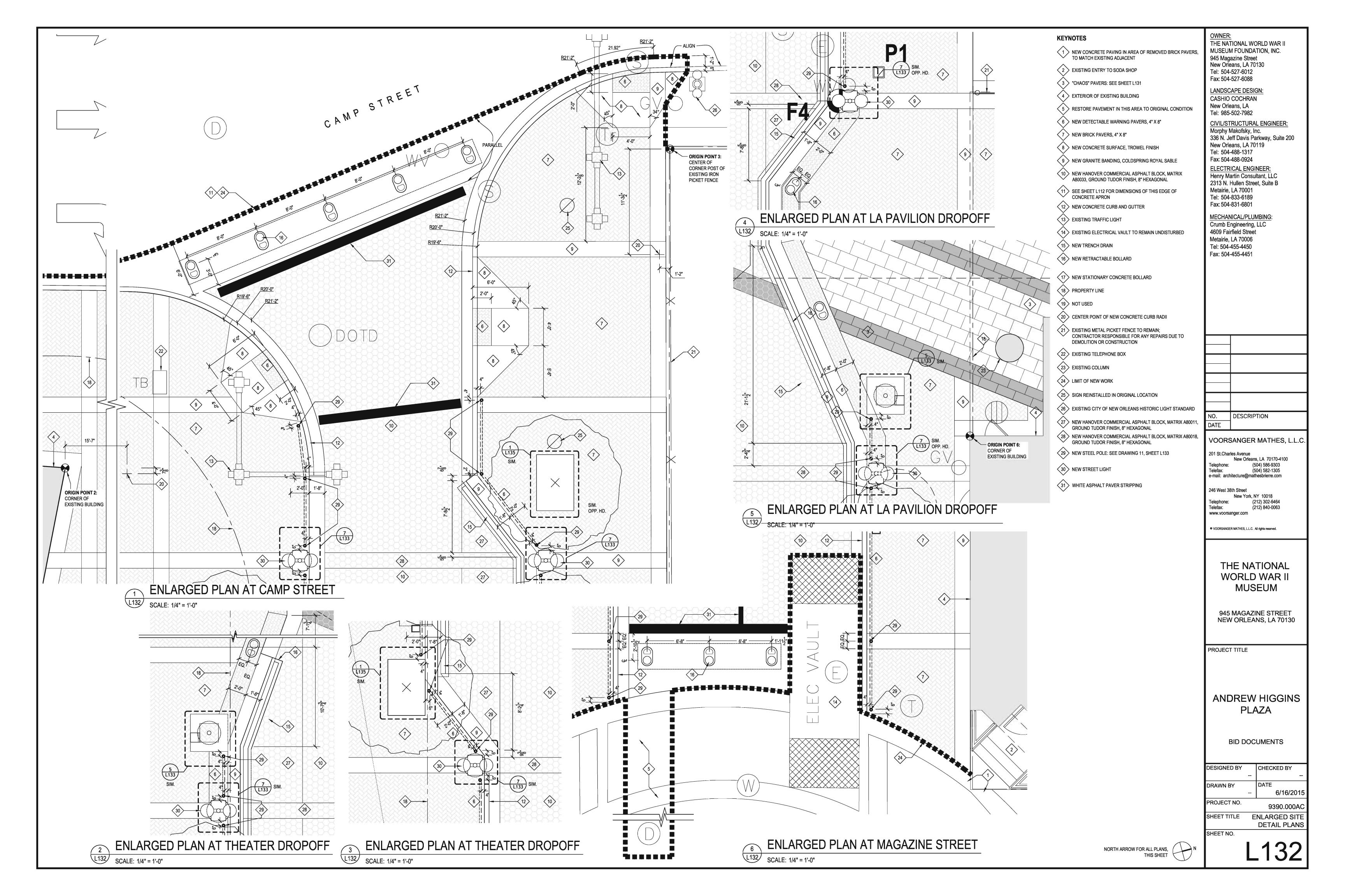


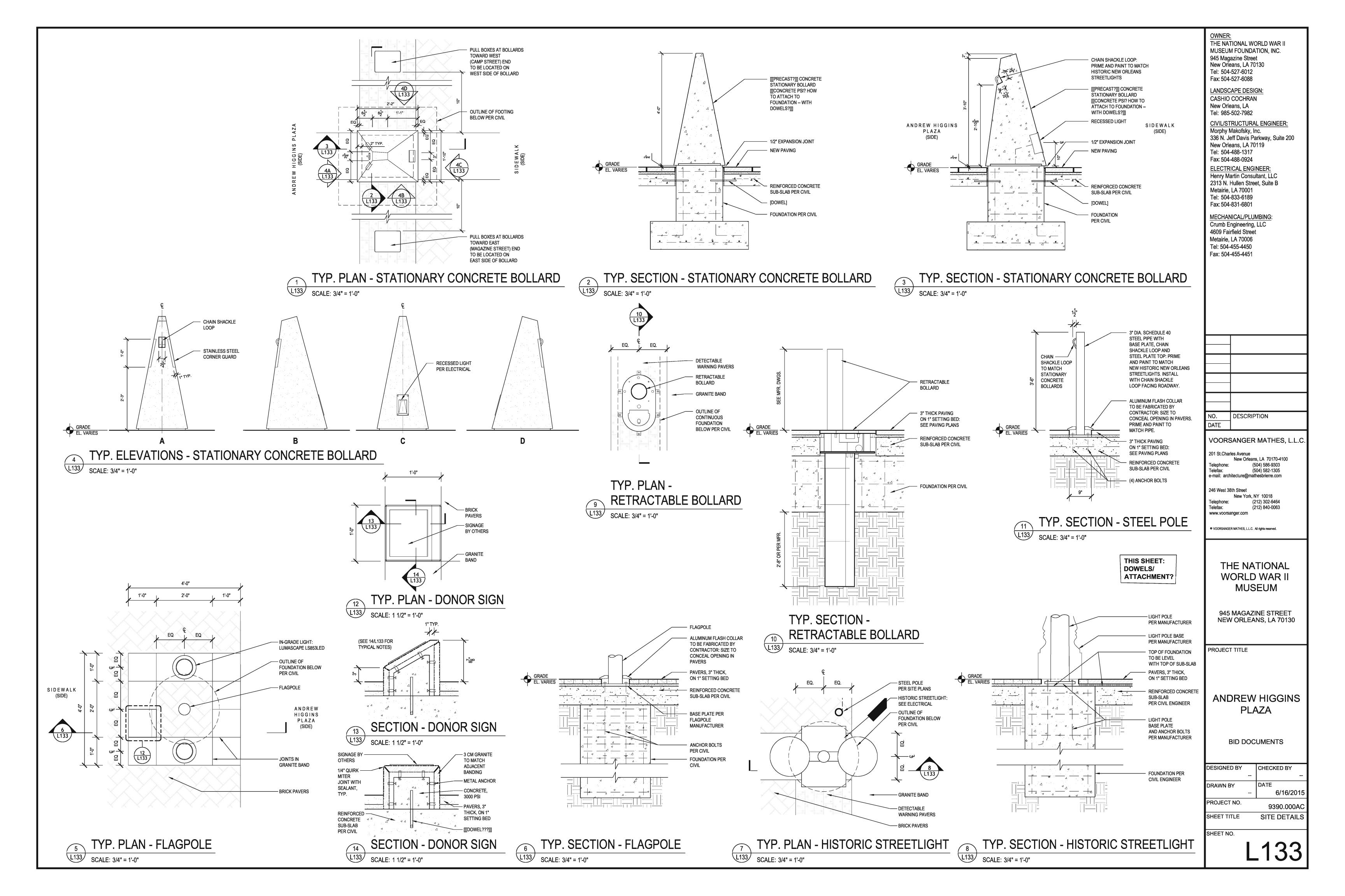


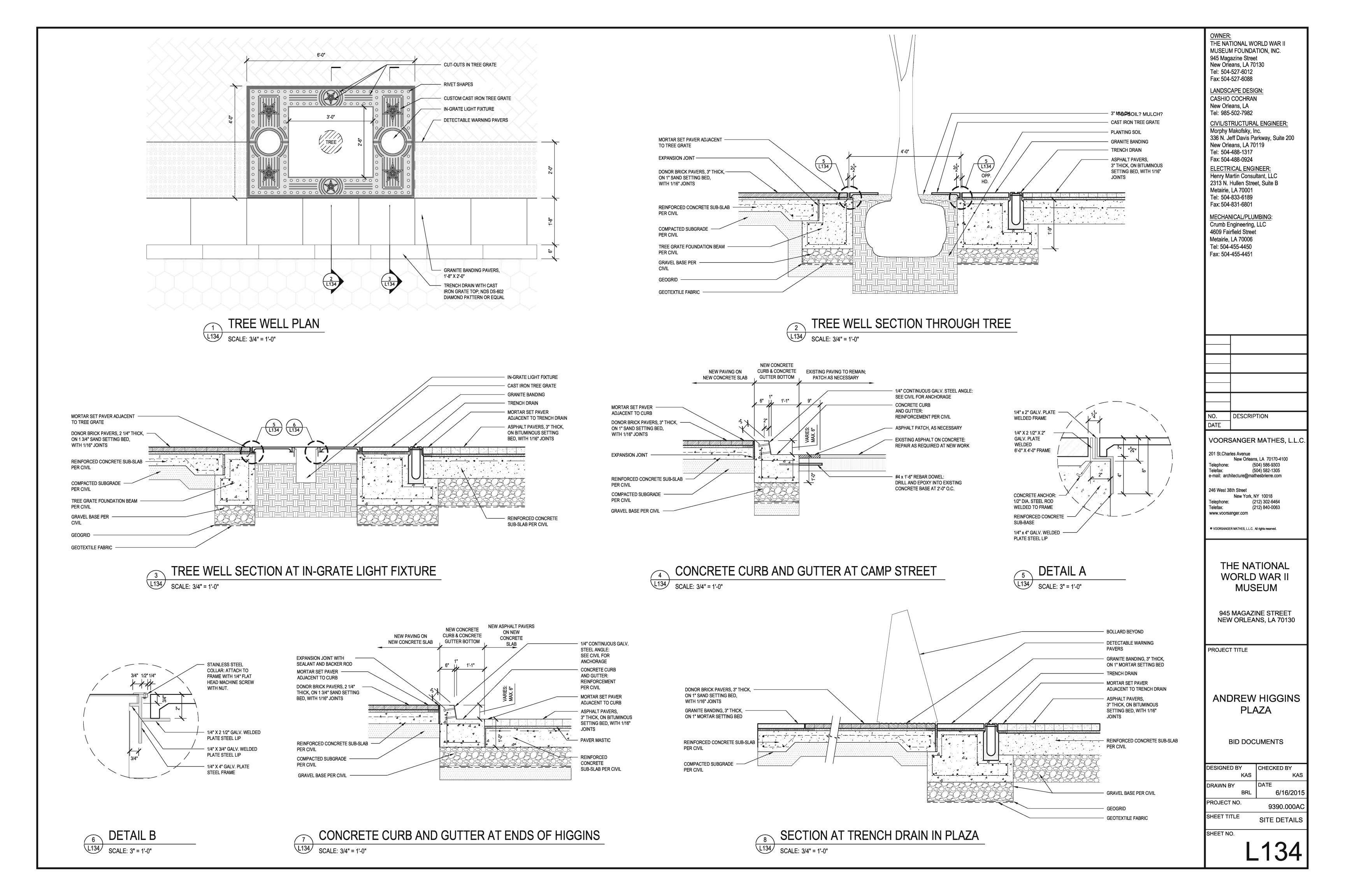


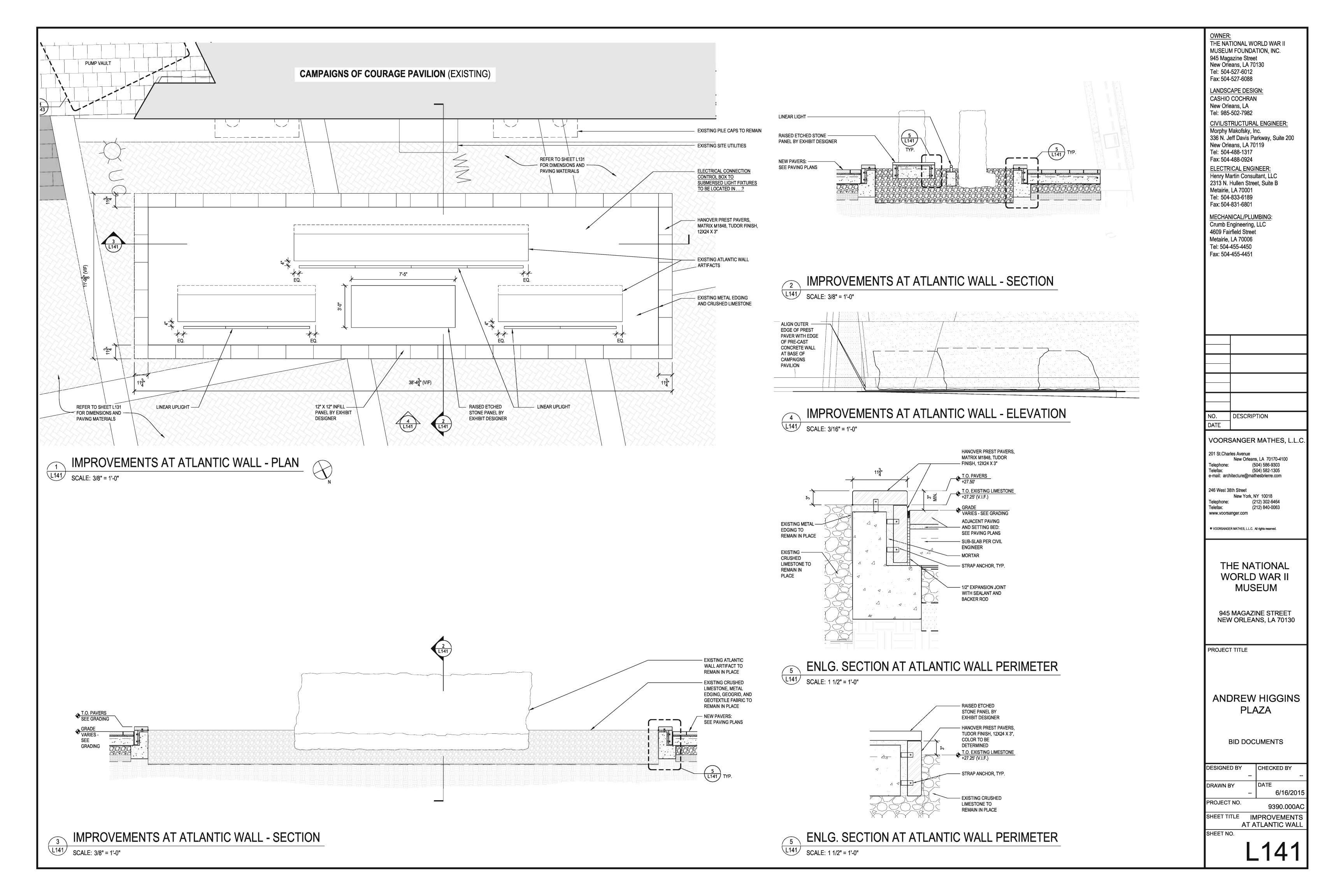


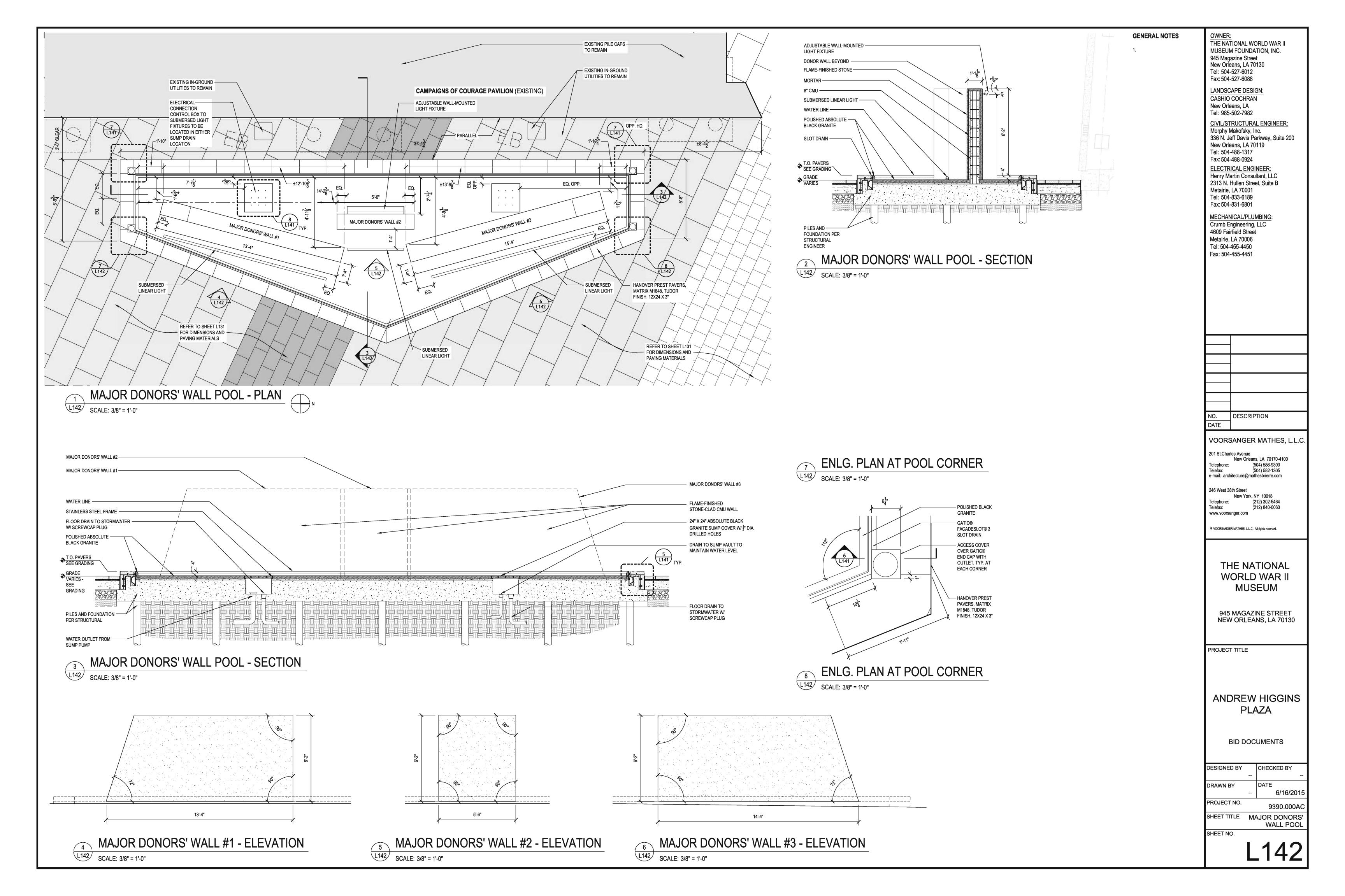


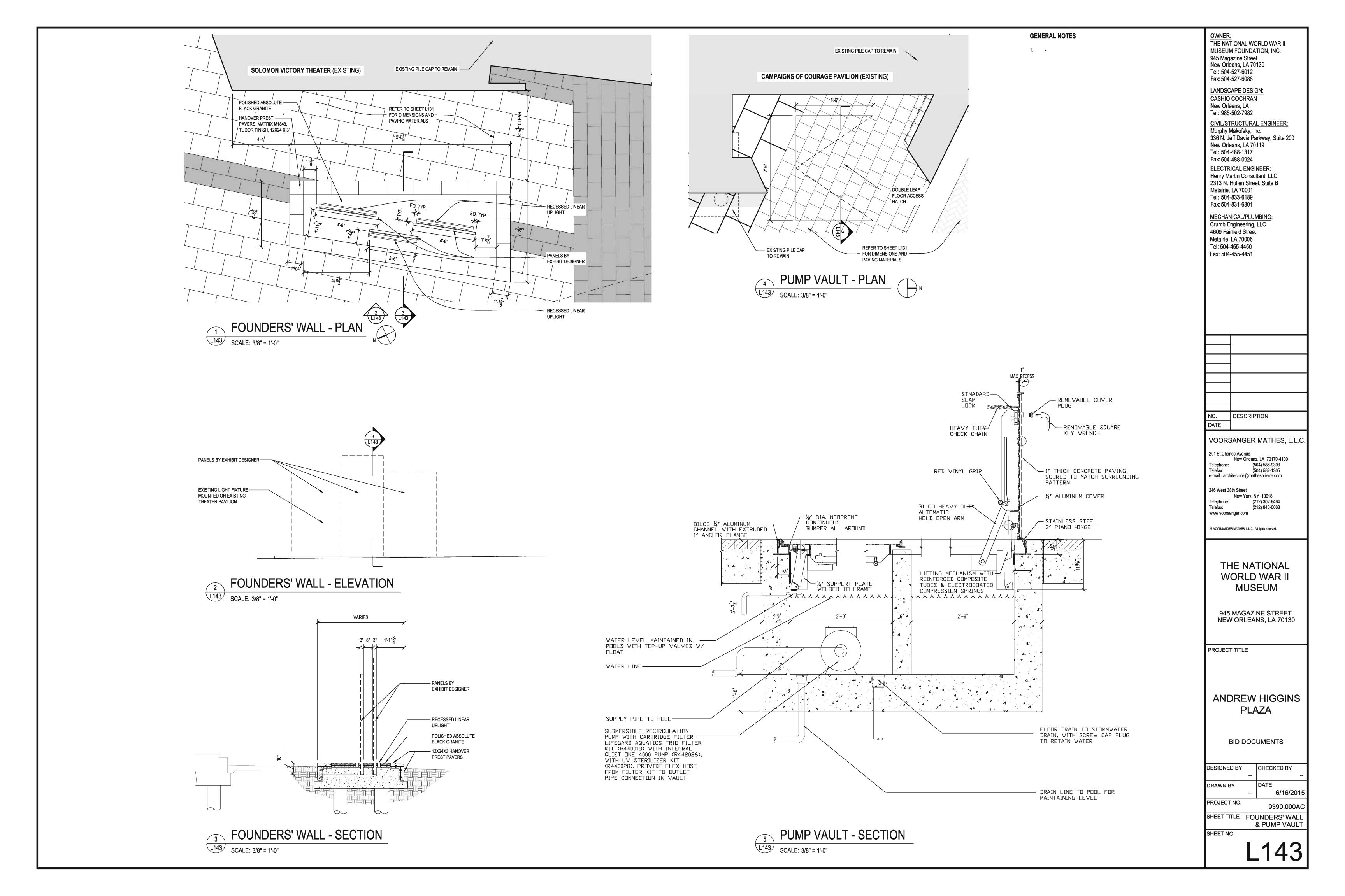


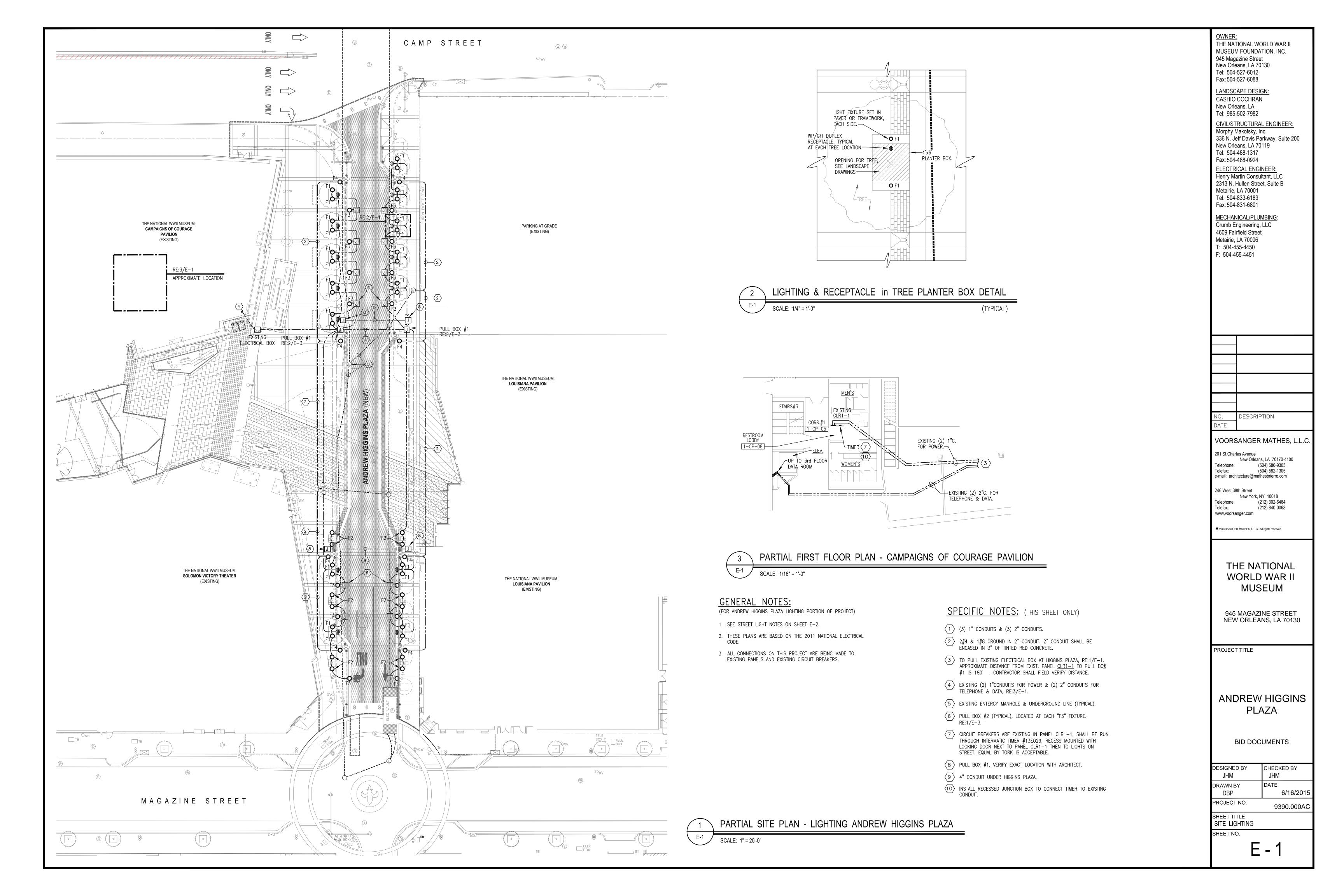


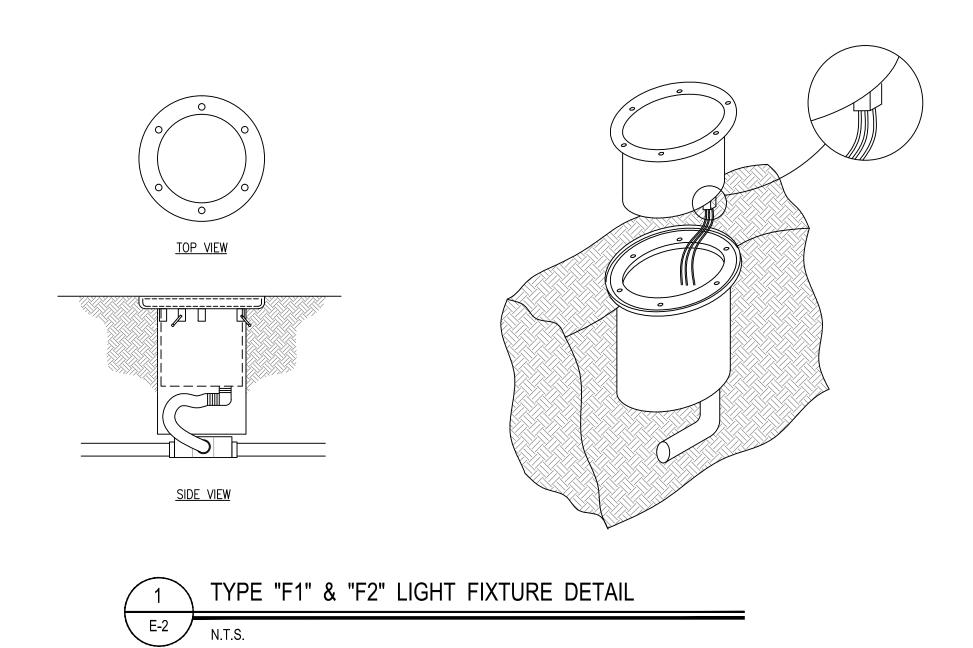










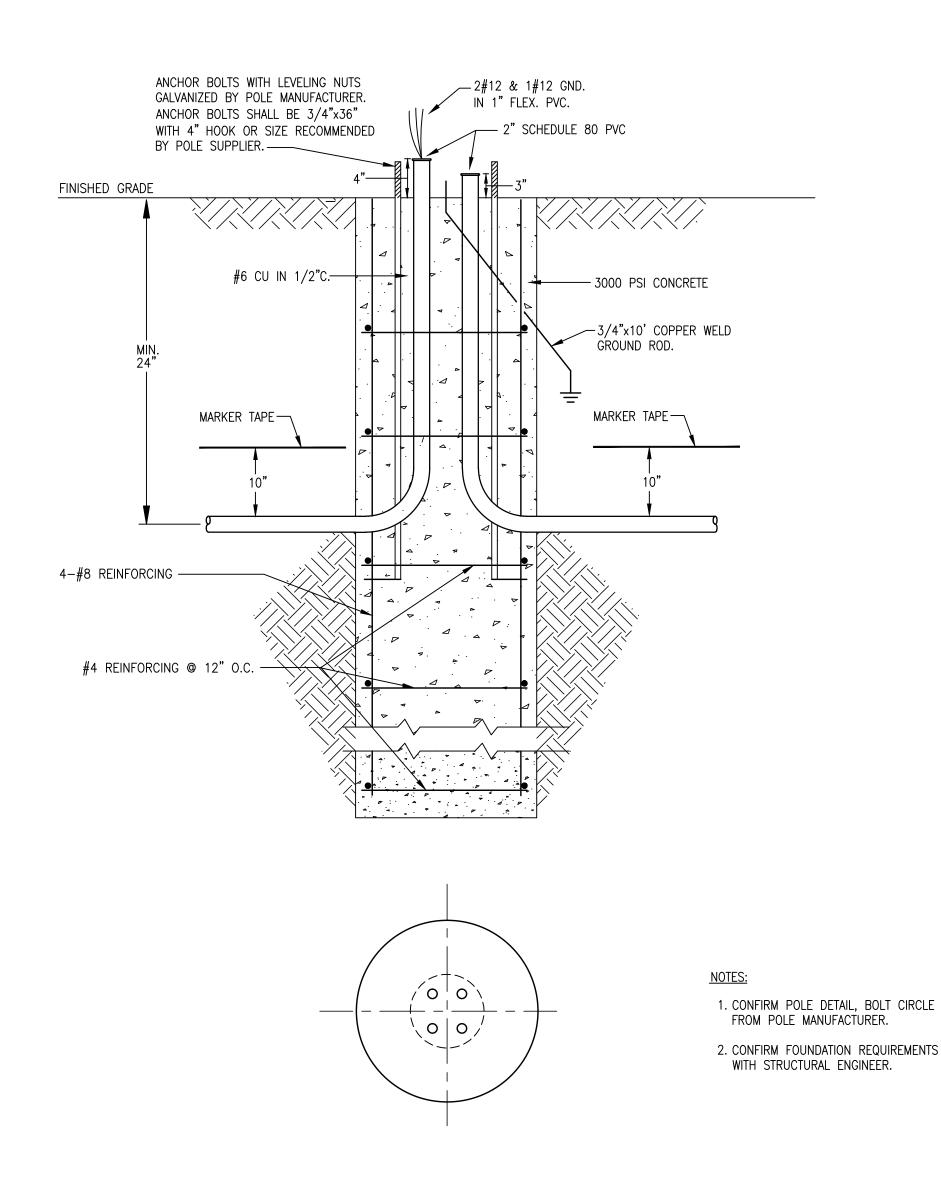


	LIGHT FIXTURE SCHEDULE (FOR ANDREW HIGGINS PLAZA LIGHTING PORTION OF PROJECT)							
TYPE	MANF.	CATALOG No.	LAMP			MOUNTING	REMARKS	
F1	LUMASCAPE	LS853LED-16W4-G-M-85-ME-29-Q-09	No.	WATTS 20	TYPE LED	120/277	INGROUND	CONTRACTOR SHALL AIM FIXTURE IN ACCORDANCE WITH DIRECTION OF ARCHITECT — WET LOCATION
F2	LUMASCAPE	LS853LED-20W4-G-M-85-NR-29-Q-09	_	20	LED	120/277	INGROUND	CONTRACTOR SHALL AIM FIXTURE IN ACCORDANCE WITH DIRECTION OF ARCHITECT — WET LOCATION
F3	BEGA-US	2009LED-ADA-4-5 WL	_	4	LED	120/277	BOLLARD	WET LOCATION
F4	KING LUMINAIRE	K118-R1AR-V-100(SSL)-1063-120/277 (2 PER POLE)	1	100W	LED	120/277	POLE MTD.	(COLOR, NEW ORLEANS GREEN), CONTRACTOR TO FURNISH PHOTO ELECTRIC CELL
F4	KING LUMINAIRE	KA59 (ARM) (2 PER POLE)						NEW ARM, (COLOR, NEW ORLEANS GREEN)
F4	KING LUMINAIRE	MRT2380AB (POLE)						POLE 23', (COLOR, NEW ORLEANS GREEN)
F4	KING LUMINAIRE	KFWM-SPLIT BASE CAST IRON (POLE BASE)						POLE BASE (COLOR, NEW ORLEANS GREEN)

ANDREW HIGGINS PLAZA STREET LIGHT NOTES:

- 1. THE WORK INDICATED ON THESE DRAWINGS CONSISTS OF INSTALLING NEW FEED, POLES, FOUNDATIONS, CONDUITS & BRANCH CIRCUITS.
- 2. ALL NEW CONDUITS AND FITTINGS SHALL BE 2" DIAMETER SCHEDULE 80 PVC OR TYPE HDPE, BURIED A MINIMUM OF 24". RUN CONDUITS DIRECTLY IN A STRAIGHT LINE BETWEEN POLES, "DOGLEGGING" AT 30 TO 45 DEGREES APPROXIMATELY 5' FROM THE POLE INTO THE POLE BASE.
- 3. ALL CONDUITS SHALL ENTER THE SIDE OF THE FOUNDATION TURNING UP USING 90 DEGREE ELLS, CONDUIT ENDS SHALL EXTEND FROM FOUNDATION AS PER DETAIL.
- 4. ALL SPLICES AND TAPS MADE IN ALL PULL BOXES OR POLE BASES SHALL BE MADE USING UL LISTED COMPONENTS RATED "SUBMERSIBLE" FOR CONNECTIONS WITH 2#4 & 1#6 GND. WITH A #12 TAP.
- 5. TAPS FEEDING 120 VOLTS TO THE STREETLIGHT POLES SHALL BE MADE USING A 5 AMP FUSE RATED 200,000 AIC. IN A UL LISTED FUSEHOLDER RATED "SUBMERSIBLE".
- 6. EACH FEED POINT FROM ENTERGY PULL BOX SHALL BE MADE BY ENTERGY.
- 7. APPLY OXIDATION INHIBITING COMPOUND TO ALL SERVICE AND FEEDER CONNECTIONS. COMPOUND SHALL BE APPLIED BY DIPPING THE STRIPPED END OF THE FEEDER INTO THE COMPOUND CONTAINER BEFORE TERMINATING THE WIRE.
- 8. DRIVE A 3/4" DIAMETER x 10' LONG COPPERWELD GROUND ROD IN EACH FEED POINT FOUNDATION AND EACH LIGHTING POLE PULL BOX. LEAVE 6" OF THE ROD EXPOSED FOR A VISIBLE GROUND CONNECTION. MAKE CONNECTIONS TO RODS USING UL LISTED BRONZE HARDWARE. DO NOT SE WATER PIPE CLAMPS FOR GROUND ROD CONNECTIONS.
- 9. CONNECT THE GROUND WIRE TO THE GROUND ROD IN EACH AND EVERY POLE BASE JUNCTION BOX AND POLE BASE FEEDER JUNCTION BOX. USE ONLY BRONZE HARDWARE, UL LISTED FOR THE SPECIFIC APPLICATION.
- 10. CONNECT THE BRANCH CIRCUIT GROUND WIRE IN EACH LIGHT FIXTURE TO THE GROUND WIRE IN THE POLE BASE, AND TO THE POLE IF IT IS METAL.

- 11. THERE ARE NO ELECTRIC METERS ON THIS PROJECT. ENTERGY WILL INVOICE THE CITY NO A MONTHLY BASIS PER FIXTURE FOR ENTERGY USAGE.
- 12. THE CITY OF NEW ORLEANS SHALL HAVE THE "RIGHT OF FIRST REFUSAL" TO ALL REMOVED MATERIALS. ANY SUCH MATERIALS DESIRED TO BE RETAINED BY THE CITY SHALL BE LOADED, DELIVERED AND UNLOADED BY THE CONTRACTOR AT A LOCATION CHOSEN BY THE CITY. ALL MATERIALS NOT DESIRED TO BE KEPT BY THE CITY SHALL BE DISPOSED OF LAWFULLY BY THE CONTRACTOR.



2 TYPICAL POLE FOUNDATION DETAIL

OWNER: THE NATIONAL WORLD WAR II MUSEUM FOUNDATION, INC. 945 Magazine Street New Orleans, LA 70130 Tel: 504-527-6012 Fax: 504-527-6088

LANDSCAPE DESIGN:
CASHIO COCHRAN
New Orleans, LA
Tel: 985-502-7982

CIVIL/STRUCTURAL ENGINEER:
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Tel: 504-833-6189 Fax: 504-831-6801

NO. DESCRIPTION
DATE

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THE NATIONAL WORLD WAR II MUSEUM

945 MAGAZINE STREET NEW ORLEANS, LA 70130

PROJECT TITLE

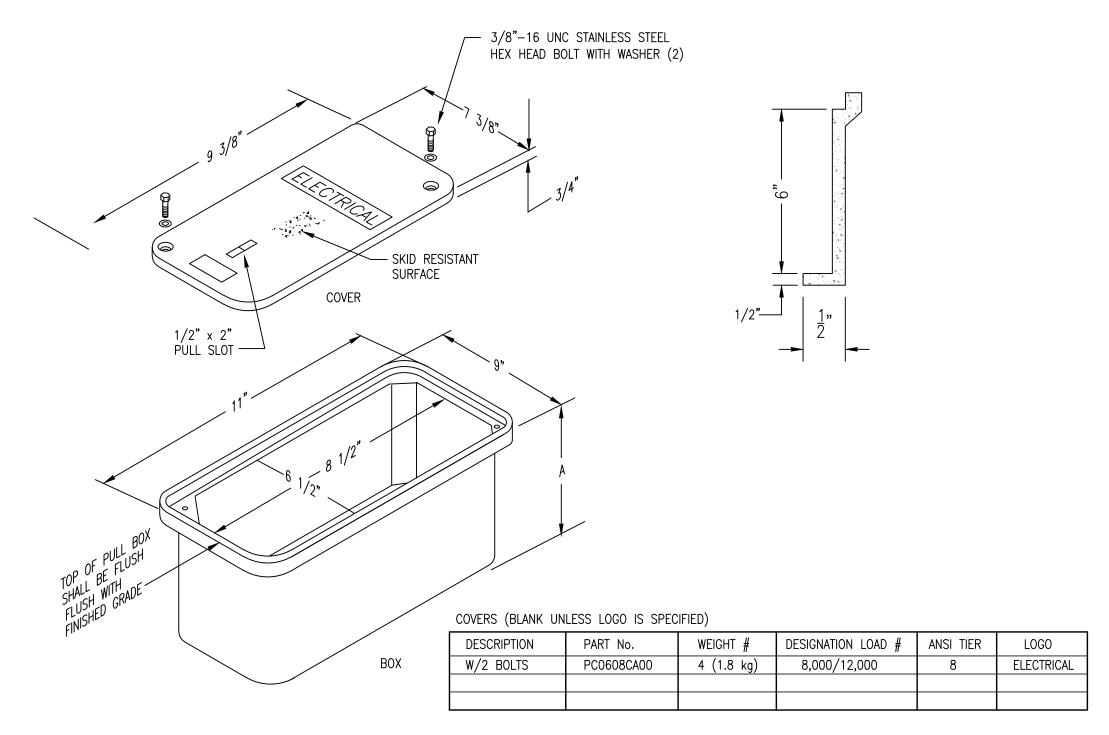
ANDREW HIGGINS PLAZA

BID DOCUMENTS

DESIGNED BY
JHM
DRAWN BY
DBP
DBP
6/16/2015
PROJECT NO.
9390.000AC

SHEET TITLE
ELECTRICAL DETAILS
SHEET NO.

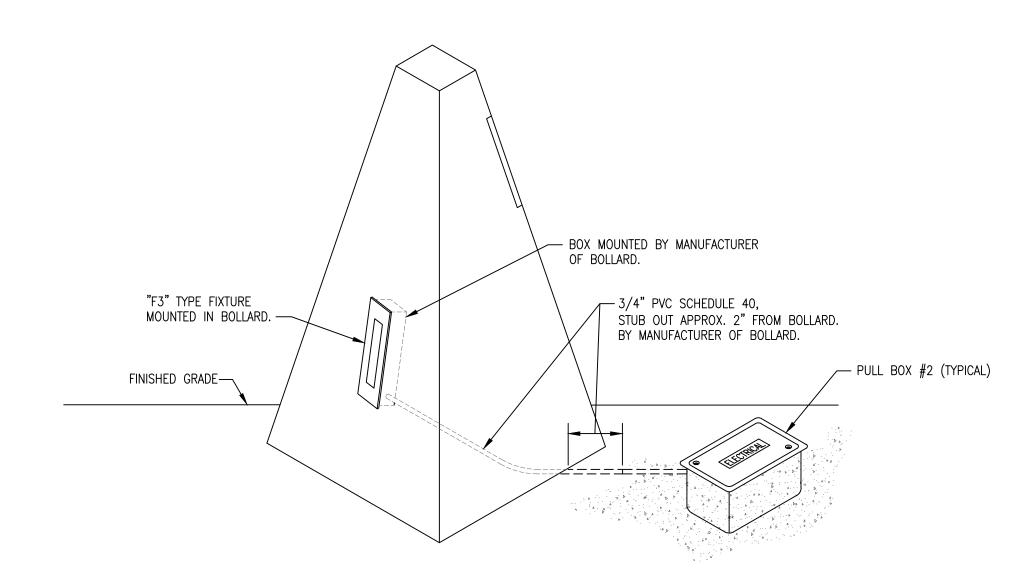
E - 2



BOXES (STACKABLE WITH SELF-ALIGNING, REPLACEABLE EZ-NUT)

DESCRIPTION	PAF	RT No.	WEIGHT #	DIMENSION A	DESIGN/TEST LOAD #	ANSI TIER
SOLID BOTTOM W/	GASKET PC06	08DG06 14.	.5 (6.6kg)	7 1/4" (184mm)	15,000/22,500	15
					·	

QUAZITE ELECTRICAL PULL BOX #2 DETAIL B-3 N.T.S.



3 F-3

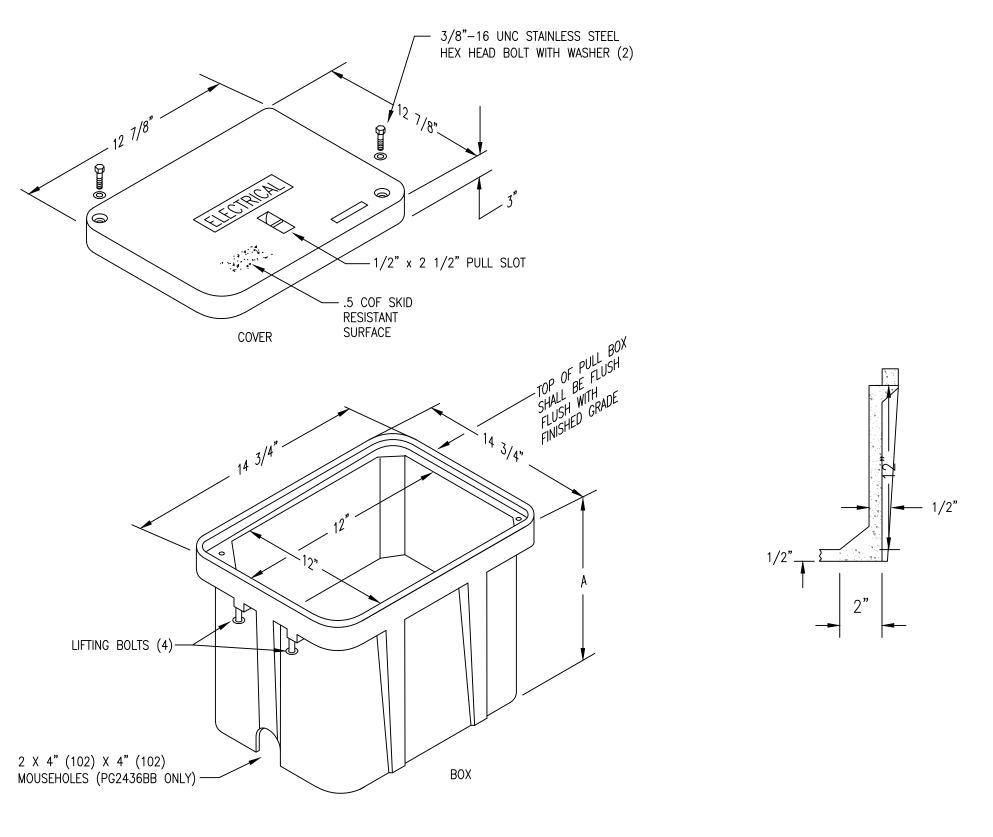
LIGHT FIXTURE "F3" MOUNTED IN BOLLARD DETAIL

N.T.S.

NOTES:

1. GIVE ROUGH-IN BOX TO MANUFACTURER OF BOLLARD FOR MOUNTING.

2. CONFIRM EXACT LOCATION OF BOX WITH ARCHITECT.



COVERS (BLANK UNLESS LOGO IS SPECIFIED)

DESCRIPTION	PART No.	WEIGHT #	DESIGNATION LOAD #	ANSI TIER	LOG0
W/2 BOLTS	PC1212CA00	12 (5.4kg)	8,000/12,000	8	ELECTRICAL

BOXES (STACKABLE WITH SELF-ALIGNING, REPLACEABLE EZ-NUT)

DESCRIPTION	PART No.	WEIGHT #	DIMENSION A	DESIGN/TEST LOAD #	ANSI TIER
SOLID BOTTOM W/GASKET	PC1212DG12	37 (107kg)	13 1/4" (337mm)	15,000/22,500	15



OWNER: THE NATIONAL WORLD WAR II MUSEUM FOUNDATION, INC. 945 Magazine Street New Orleans, LA 70130 Tel: 504-527-6012 Fax: 504-527-6088

LANDSCAPE DESIGN:

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New Orleans, LA
Tel: 985-502-7982

CIVIL/STRUCTURAL ENGINEER:
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NO. DESCRIPTION
DATE

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New Orleans, LA 70170-4100
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201 St.Charles Avenue

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THE NATIONAL WORLD WAR II MUSEUM

945 MAGAZINE STREET NEW ORLEANS, LA 70130

PROJECT TITLE

ANDREW HIGGINS PLAZA

BID DOCUMENTS

DESIGNED BY
JHM

DRAWN BY
DBP

PROJECT NO.

CHECKED BY
JHM

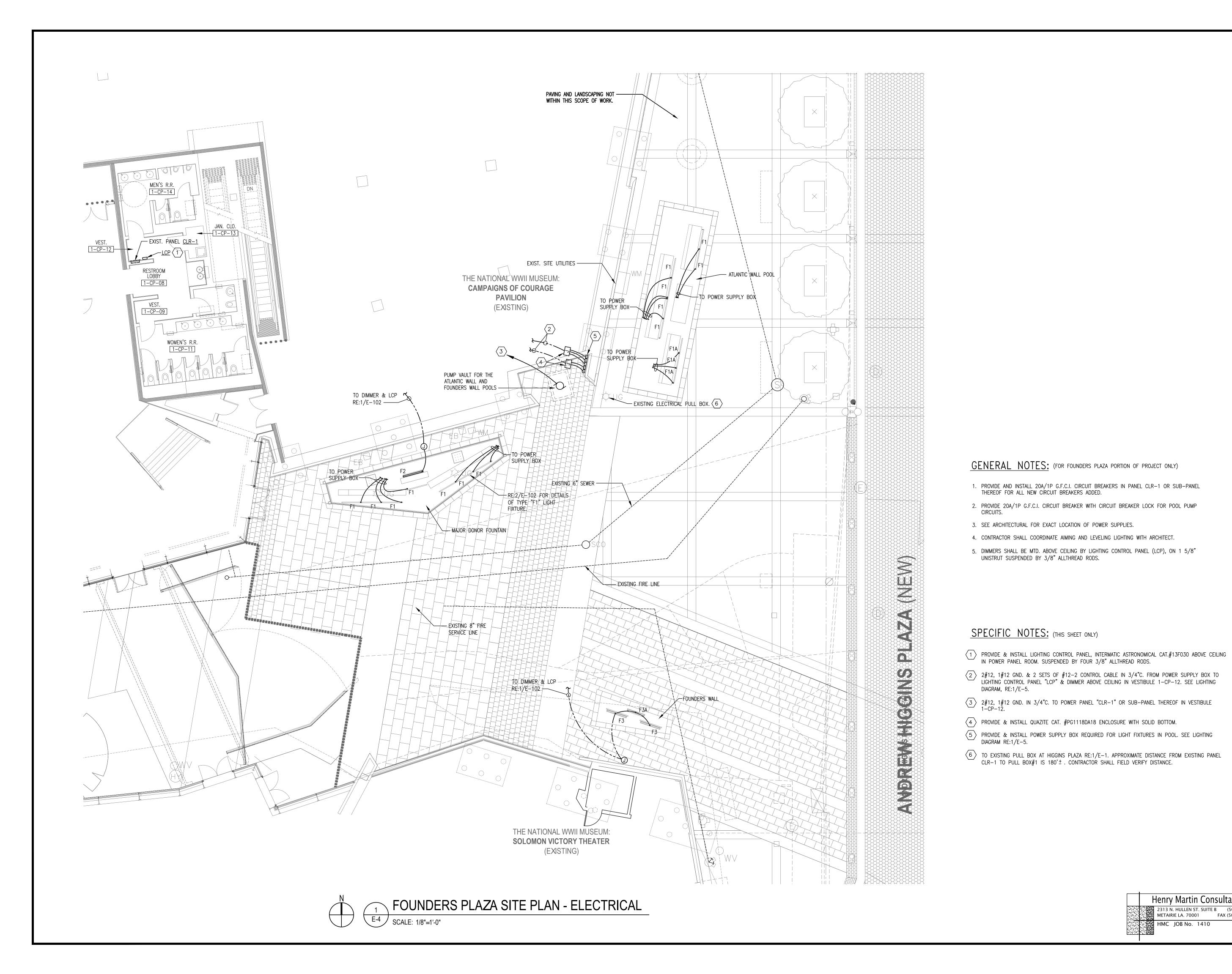
DATE
6/16/2015

9390.000AC

SHEET TITLE ELECTRICAL DETAILS

SHEET NO.

E - 3



OWNER: THE NATIONAL WORLD WAR II MUSEUM FOUNDATION, INC. 945 Magazine Street New Orleans, LA 70130 Tel: 504-527-6012 Fax: 504-527-6088 LANDSCAPE DESIGN:

CASHIO COCHRAN New Orleans, LA Tel: 985-502-7982 CIVIL/STRUCTURAL ENGINEER: Morphy Makofsky, Inc. 336 N. Jeff Davis Parkway, Suite 200 New Orleans, LA 70119 Tel: 504-488-1317 Fax: 504-488-0924

ELECTRICAL ENGINEER: Henry Martin Consultant, LLC 2313 N. Hullen Street, Suite B Metairie, LA 70001 Tel: 504-833-6189 Fax: 504-831-6801

MECHANICAL/PLUMBING: Crumb Engineering, LLC 4609 Fairfield Street Metairie, LA 70006 T: 504-455-4450 F: 504-455-4451

DESCRIPTION

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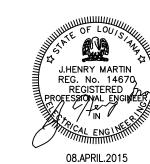
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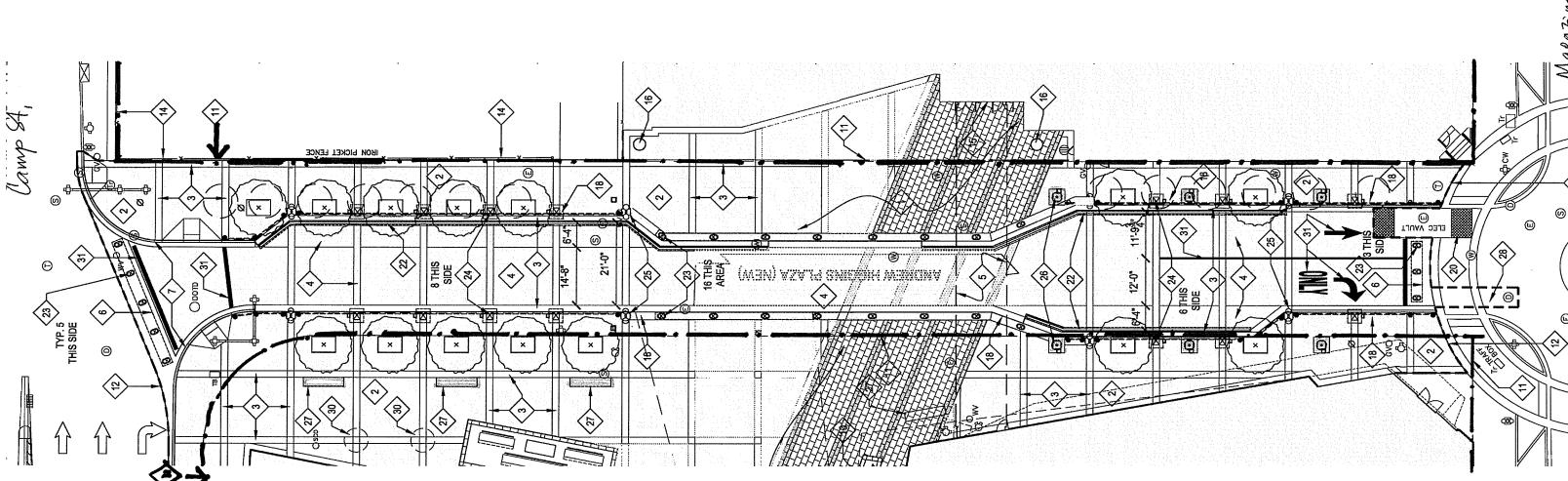
Henry Martin Consultant, L.L.C. 2313 N. HULLEN ST. SUITE B (504) 833-6189 METAIRIE LA. 70001 FAX (504) 831-6801

HMC JOB No. 1410

DESIGNED BY CHECKED BY JHM JHM DRAWN BY DBP 6/16/2015 PROJECT NO. 9390.000AC

SHEET TITLE ELECTRICAL SITE PLAN SHEET NO.

E - 4



KEYNOTES

- NEW PARADE GROUND PAVING AREA: SEE SHEET L131 FOR MATERIALS, DIMENSIONS AND SETTING METHOD
- NEW BRICK PAVERS, 4" X 8"
- **NEW GRANITE BANDING**
- NEW HANOVER COMMERCIAL
- FUTURE BRIDGE ABOVE
- NEW CONCRETE APRON

NEW CONCRETE CURB

- NEW IMPROVEMENTS AT ATLANTIC WALL
- NEW MAJOR DONORS' WALL POOL
- NEW FOUNDERS' WALL
- PROPERTY LINE
- LIMIT OF NEW WORK
- EXISTING MUSEUM GATE
- EXISTING METAL PICKET FENCE TO REMAIN; CONTRACTOR RESPONSIBLE FOR ANY REPAIRS DUE TO DEMOLITION OR CONSTRUCTION ₹<u></u>
- ENTRY TO LOUISIANA PAVILION (F)
- **EXISTING COLUMN**
- **EXISTING TREE TO REMAIN**
- NEW DETECTABLE WARNING PAVERS, 4" X 8"
- NEW SUMP VAULT FOR POOLS
- EXISTING ELECTRICAL VAULT TO REMAIN UNDISTURBED
- EXISTING BRIDGE ABOVE
- NEW TRENCH DRAIN
- NEW MANUAL ASSISTED LIFT BOLLARD
- NEW STATIONARY CONCRETE BOLLARD
- NEW HISTORIC NEW ORLEANS STREETLIGHT; TYPICAL FOR EIGHT (8)
- NEW FLAGPOLE; TYPICAL FOR SIX (6)
- FUTURE BENCH, OWNER FURNISHED/CONTRACTOR INSTALLED; SEE STRUCTURAL 13/S201 FOR FOUNDATION SCOPE OF WORK
- RESTORE PAVEMENT IN THIS AREA TO ORIGINAL CONDITION
- **EXISTING PILE CAPS**
- RELOCATED CONCRETE BOMB SHELTER ARTIFACT
- WHITE ASPHALT PAVER STRIPPING

LEGEND: NEW WORK

- NEW STATIONARY CONCRETE BOLLARD WITH INTEGRAL LIGHTING (TOTAL: 14) X
 - NEW RETRACTABLE BOLLARD (TOTAL: 24)
- NEW HISTORIC CITY OF NEW ORLEANS LIGHT STANDARD (TOTAL: 8)

NEW PLANTER WELL WITH TREE, METAL ROOT GRILLE, UPLIGHTING, AND POWER (TOTAL: 14)

×

- NEW FLAGPOLE WITH DONOR SIGN (TOTAL: 6) 回
- NEW STEEL POLE (TOTAL: 26)
- NEW REMOVABLE GUARD CHAIN
- NEW ELECTRICAL PULL BOXES (TOTAL: 16, SEE SHEET L122 AND ELECTRICAL FOR TYPES)

LEGEND: EXISTING

- DOTD○ MANHOLE D.O.T.D.

 (B) MANHOLE TRAFFIC

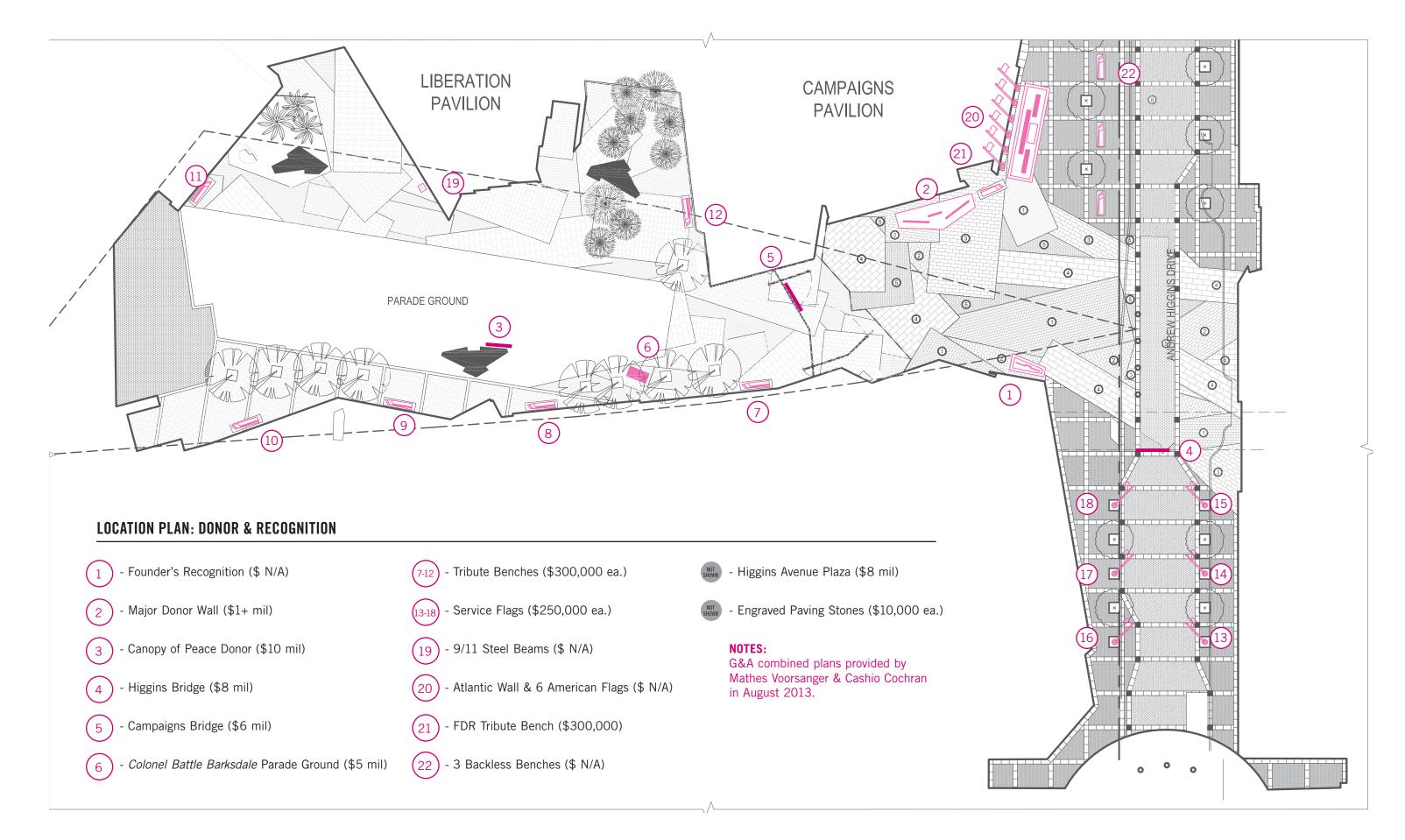
 (C) MANHOLE TELEPHONE

 (S) MANHOLE SEWER
- - © MANHOLE ELECTF © MANHOLE DRAIN
 - (W) MANHOLE WATER WMO WATER METER
 - WVO WATER VALVE GVO GAS VALVE
- SEWER CLEANOUT Ooos
- STREETLIGHT HISTORIC STREETLIGHT NON-HISTORIC UNDERGROUND LIGHT
- © FIRE DEPARTMENT SIAMESE CONNECTION

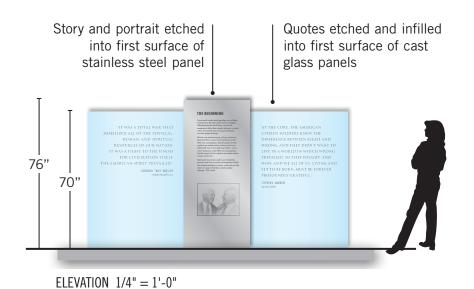
 ♣ FIRE HYDRANT

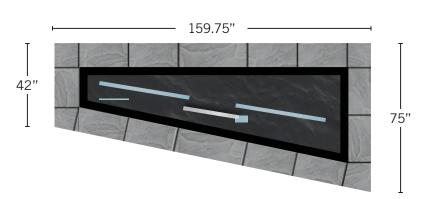
 ♣ TRAFFIC SIGNAL TRAFFIC SIGNAL WITH ARMS CW Ф CROSSWALK SIGNAL

 - MPB 🗀 TRAFFIC METER POLE & BOX ☐ OPEN GRATE
 EB □ ELECTRIC BOX
 TB □ TELEPHONE BOX
 Tr □ TRAFFIC BOX



Gallagher & Associates





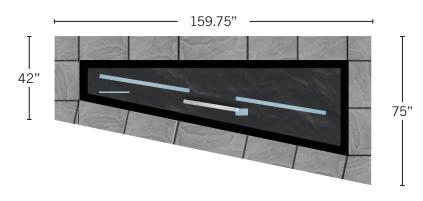
PLAN VIEW 1/4" = 1'-0"

OPTION 1

OPTION 2



ELEVATION 1/4" = 1'-0"

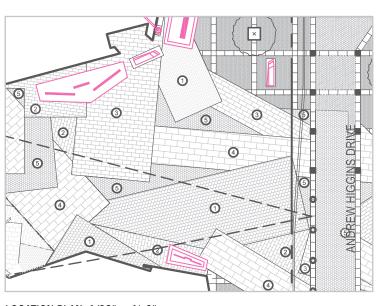


PLAN VIEW 1/4" = 1'-0"

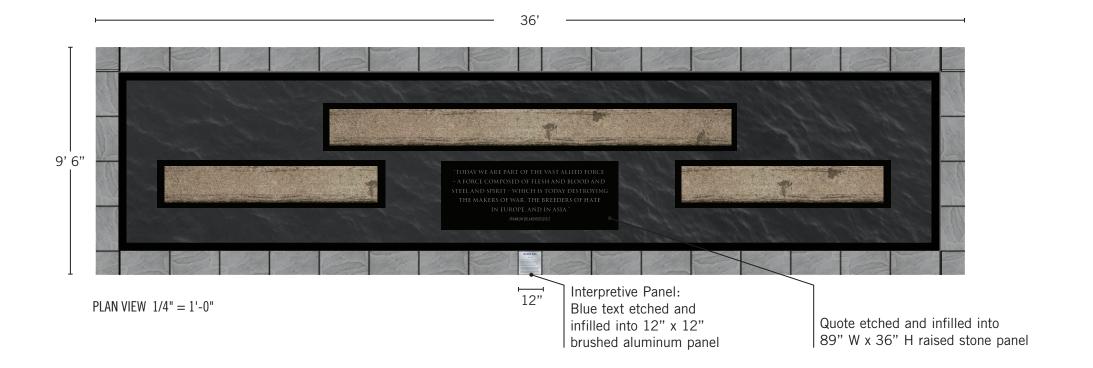
FOUNDERS WALL

The Founders Wall is placed on the west side of the Solomon Victory Theater. All three walls are set into a water-feature base within a stone frame thats surface sits flush with the Parade Ground. "The Beginning" story is set at 0.675" cap height and 125 words. Both quotes are set at 1.25" cap height.

Note: Final engineering and local ADA code compliance TBD.



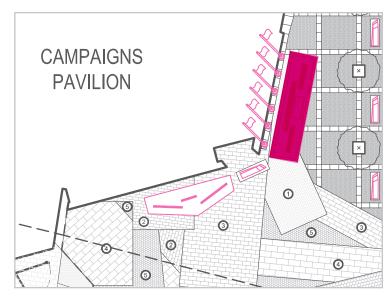
LOCATION PLAN 1/32" = 1'-0"



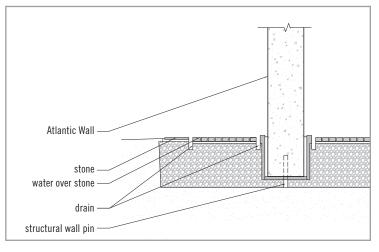
ATLANTIC WALL

The Atlantic Walls are placed on the north side of the Campaigns of Courage Pavilion. Wall elements are set into base within a stone frame thats surface sits flush with the Parade Ground. The quote is on a raised panel above the water feature. The interpretive panel for the Atlantic Walls is set into stone frame. Six American flags are pleaced behind the Atlantic Wall as a backdrop.

Note: Final engineering and local ADA code compliance TBD.



LOCATION PLAN 1/32" = 1'-0"



DETAIL SKETCH 1/4" = 1'-0"

ELEVATION 1/4" = 1'-0"

NAME & NAME GOES HERE

Victory (\$10M +): Brushed Aluminum 36" w x 5.25" H - 2.5" C.H. (qty. 7)

NAME & NAME GOES HERE

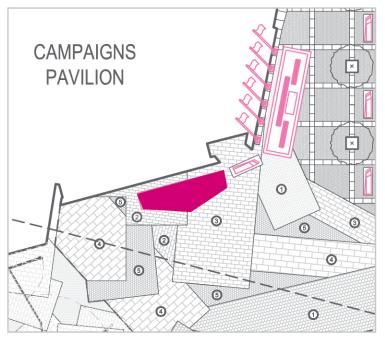
Honor (\$5M-9.99M): Brushed Aluminum 21" w x 5.25" H - 1.675" C.H. (qty. 15)

NAME & NAME GOES HERE

Freedom (\$2M-4.99M): Brushed Aluminum 15" w x 5.25" H - 1.125" C.H. (qty. 15)

NAME & NAME GOES HERE

Liberty (\$1M-1.99M): Brushed Aluminum 13" w x 5.25" H - 1" C.H. (qty. 58)



LOCATION PLAN 1/32" = 1'-0"

MAJOR DONOR WALL

The Major Donor Wall is placed at the north-east corner of the Campaigns of Courage Pavilion. Brushed aluminum plaques are etched and infilled with donor names, then pin mounted at varying depths to flame finished stone walls. Four levels of donations are represented with corresponding sized plaques. Behind the plaques, the walls have water running down their front face straight into a granite pool within a concrete base. The 3" cap height dimensional letter quote is brushed aluminum and pinmounted with the water feature running behind.

Note: Final engineering and local ADA code compliance TBD.



– 33' 7/12"

ELEVATION 1/2" = 1'-0"

The National World War II Museum | New Orleans, LA

Donor Signage | Major Donor Wall

PROJECT NO

11028.01

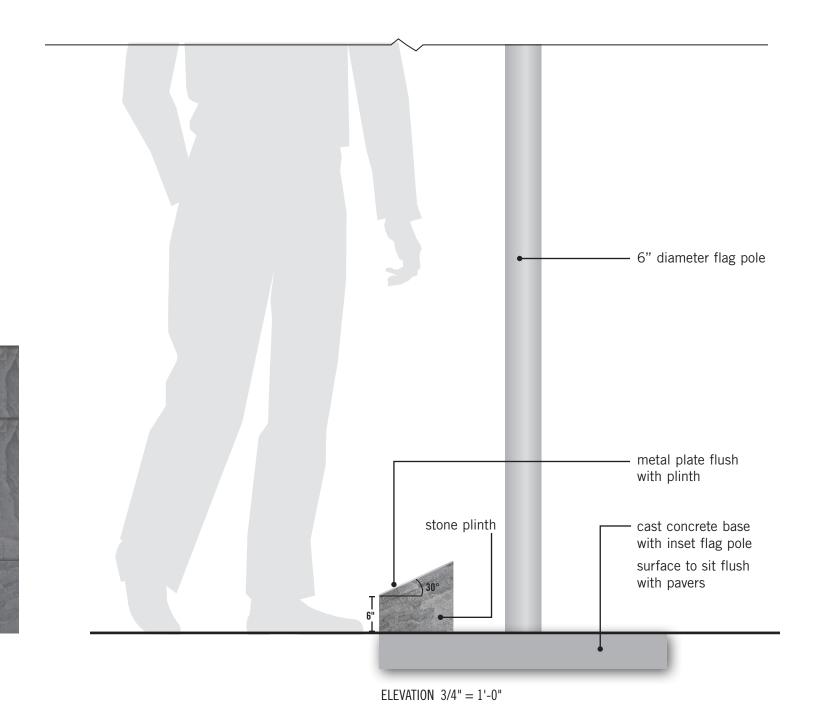
SCALE

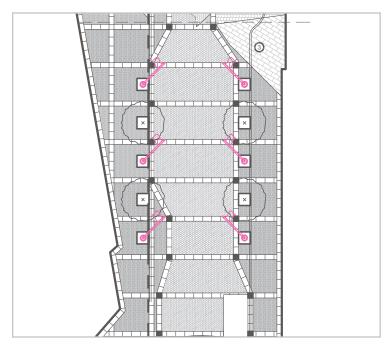
N91NtotSgale

SERVICE FLAGS

The six service branch flags are hung from 30' tall - 6" diameter flag poles along Higgins. Flag poles are set into a concrete base with a donor/interpretive panel.

Note: Final height and installation TBD based on engineering.





LOCATION PLAN 1/32" = 1'-0"



The National World War II Museum | New Orleans, LA

U.S. ARMY FLAG

Donor Signage | Service Flags

ELEVATION 3/4" = 1'-0"

TRIBUTE BENCH



RENDERING VIEW (NTS)

TRIBUTE BENCHES

Seven tribute benches will be placed throughout the Parade Ground. Each bench will feature a unique character:

Dwight Eisenhower, Chester Nimitz, Harry S. Truman,
Franklin Delano Roosevelt, George Marshall, Douglas
MacArthur, a war orphan (perhaps reading a telegram),
a holocaust survivor and a Rosie the riveter.

The benches are comprised of a cut stone slab with a polished seat and back (or backless) and a bronze statue (seated or standing; attached to bench or pavers as applicable). A quote will be deep etched into the front face of the slab.

When a donor is named, it will be placed on the angled edge of the bench, inlaid into the ground. The plaque will be cut stone slab or bronze, with etched and infilled letters.

ROOSEVELT TRIBUTE BENCH

The purchase and creation of the Franklin Delano Roosevel Tribute Bench was made possible through a gift from Lorem Ipsum Family in honor of Lorem Ipsum Dolor Sit.

PLAN VIEW: DONOR PLAQUE SCALE: 1 ½" = 1' 0"

SCALE

Not to Scale

The National World War II Museum | New Orleans, LA

Donor Signage | Tribute Benches



RENDERING VIEW (NTS)

BACKLESS TRIBUTE BENCHES

Three backless tribute benches will be placed outside of the Parade Ground near the Atlantic Wall. Each bench will feature a unique character: a war orphan (perhaps reading a telegram), a holocaust survivor and a Rosie the riveter.

The benches are comprised of a cut stone slab with a polished seat and a bronze statue (standing; attached to bench or pavers as applicable). A quote will be deep etched into the front face of the slab.

When a donor is named, it will be placed on the angled edge of the bench, inlaid into the ground. The plaque will be cut stone slab or bronze, with etched and infilled letters.

ROSIE THE RIVETER TRIBUTE BENCH

The purchase and creation of the Rosie the Riveter Tribute Bench was made possible through a gift from Lorem Ipsum Family in honor of Lorem Ipsum Dolor Sit

PLAN VIEW: DONOR PLAQUE SCALE: 1 ½" = 1' 0"

The National World War II Museum | New Orleans, LA

Donor Signage | Tribute Benches