33043201
ENGINEERING PLANS FOR
LITHIUM-ION BATTERY MANUFACTURING PLANT
SAFT
JACKSONVILLE, FLORIDA 32221

CITY OF JACKSONVILLE NOTES

GENERAL

All construction shall be performed in accordance with the approved plans and comply with all standard city policies and practices. City approval is contingent upon any required state or federal permit approvals such as those from the Department of Environmental Protection or the St. Johns River Water Management District (SJRWMD).

UTILITY WORK

Plan approval through Development Services does not include utilities. Proposed water, sewer or electric construction must be approved separately through the respective utility company. In most cases, this will be:

JEA
JEA Tower - 4th Floor
21 W. Church Street
Jacksonville, FL 32202
http://www.jea.com/business/services/developer/developers.asp

WORK WITHIN THE RIGHT-OF-WAY

CITY: Except for new subdivision infrastructure construction, al work performed within a City of Jacksonville right-of-way or easement requires a Right-of-way Permit. The contractor performing the proposed work must have a current Right-of-way Bond on file with Development Services. Right-of-way Permit applications are processed at:

Development Services Customer Service Counter
Edward Ball Building, 2nd Floor
214 N. Hogan St.
Jacksonville, FL 32202
(904) 255-8572.
http://coa.jacksn.info/

STATE: All work performed within a state right-of-way requires a permit from the Florida Department of Transportation (FDOT). It is the developer's responsibility to obtain required FDOT permits or maintenance-of-traffic approvals for work within FDOT right-of-ways. The FDOT regional office can be contacted at (904) 360-5200 Any changes to the approved plans needed for FDOT approval must be submitted to Development Services as revisions.

Adjacent State Roads: _____

RAILROAD: Railroad companies may require special approvals or permits to work within their right-of-ways. It is the developer's responsibility to obtain permission from any railroad right-of-way owner before performing any work within their right-of-way.

STORMWATER

Annual reports in compliance with the SJRWMD stormwater permits are required from the maintenance entity of all stormwater management facilities. Send copies of the reports to:

Engineering and Construction Management
Edward Ball Building, 10th Floor
214 N. Hogan St.
Jacksonville, FL 32202
http://www.coj.net/Departments/Public-Works/Engineering-and-Construction-Management/

The owner of any project one (1) acre or larger is required to provide a Notice of Intent (NOI) in accordance with criteria set forth in the city's NPDES permit within 48 hours of beginning construction. Send NOI and NOI fee to:

Florida Department of Environmental Protection
NPDES Stormwater Notices Center, Mail Station #2510
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
(866) 336-6312
http://www.dep.state.fl.us/water/stormwater/npdes/

The contractor shall contact the City Environmental Quality Division before beginning construction:

Environmental Quality Division
407 North Laura Street, Third Floor
Jacksonville, FL 32202
(904) 255-7222

FIRE MARSHALL

Plan review and approval does not relieve the contractor of complying with all applicable State Fire Codes.

Underground mains and hydrants shall be installed, completed, and in service prior to construction work.

Underground contractor shall submit to the Fire Marshall for approval complete specs for all underground pipe and fittings relating to fire protection PRIOR to installation and inspection. Contractor shall include manufacturer's name and pipe ID along with contractor's state license number.

LANDSCAPE

A Site Work Permit is required for this project.

☐ Tree Fund payment is due: _____ inches at $_____ = $_____

☐ Article 25 funds are due: _____ inches at $_____ = $_____

TRAFFIC ENGINEERING

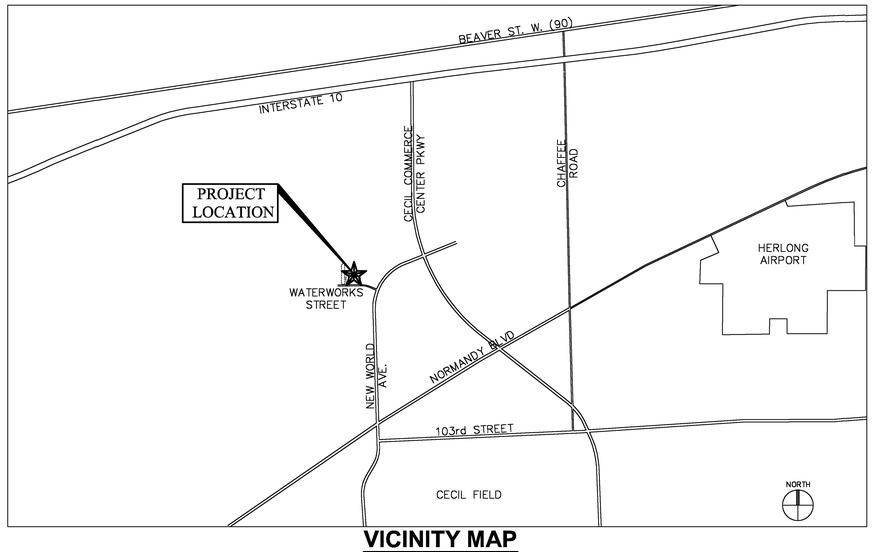
TRAFFIC SIGNS

Metro Name	_____	$100.00	ea.	_____
Standard	_____	$100.00	ea.	_____
Stop/Yield	_____	$75.00	ea.	_____
Design	_____	$45.00		_____
Installation	_____	$45.00	/hr.	_____
		TOTAL		_____

☐ Streetlights Required?

NOTE: Traffic sign costs change from time to time. If the costs change after plan approval but prior to payment for installation, the developer must pay the for the signs at the current costs. The above total assumes the subdivision wil be platted as one phase. If the development is platted as separate phases, design and installation wil be calculated separately for each phase.

No lane closures allowed from 7 a.m. till 9 a.m. and from 4 p.m. till 6 p.m.



VICINITY MAP
NTS

SITE ADDRESS
13575 WATERWORKS STREET
CECIL COMMERCE CENTER NORTH
JACKSONVILLE, FL. 32221

CONTACT INFORMATION

OWNER/DEVELOPER:

SAFT AMERICA INC.
6196 LAKE GRAY BLVD., SUITE 108
JACKSONVILLE, FLORIDA 32244
PHONE: (904) 861-1501

ARCHITECT/ENGINEER:

THE HASKELL COMPANY
AMERICA'S DESIGN BUILD LEADER
111 RIVERSIDE AVENUE
JACKSONVILLE, FLORIDA 32202
CONTACT: KEVIN J. CRUMP, P.E.
PHONE: (904) 791-4500 EXT. 4720
FAX: (904) 791-4699

SURVEYORS:

ROBERT M. ANGAS ASSOCIATES, INC.
LAND SURVEYORS, PLANNERS AND CIVIL ENGINEERS
14775 OLD ST. AUGUSTINE ROAD
JACKSONVILLE FLORIDA 32258
PHONE: (904) 642-8550

CIVIL SHEET INDEX

C-001 COVER SHEET
C-002 GENERAL NOTES AND LEGENDS
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C-111 ENLARGED GEOMETRY PLAN
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C-134 DETAILED GRADING PLANS
C-135 DETAILED GRADING PLANS
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C-151 SITE EROSION AND SEDIMENT CONTROL PLAN
C-152 STORMWATER POLLUTION PREVENTION PLAN (SHEET 1/2)
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C-511 SITE GEOMETRY DETAILS
C-512 SITE GEOMETRY DETAILS
C-520 SITE UTILITY DETAILS
C-521 SITE UTILITY DETAILS
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C-541 SITE DRAINAGE DETAILS
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L-510 LANDSCAPE DETAILS
IR-111 IRRIGATION PLAN SOUTH
IR-112 IRRIGATION PLAN NORTH
IR-510 IRRIGATION DETAILS

PLAN APPROVAL

_____ Date _____ Development Services Division (Chief)

_____ Date _____ Review Group (Reviewer)

Plan approval is valid for five years after the inital approval date. Revisions made after the initial approval date do not extend this five-year time frame.

PLAN APPROVAL IS SUBJECT TO THE FOLLOWING NOTES AND CONDITIONS:

GENERAL PROJECT INFORMATION

GENERAL	
City Development Number	8193.002*
Concurrency Application Number	FS# : 72145
Property Appraiser Number (RE #)	002113-0200
Zoning Designation	PUD
PUD Ordinance Number	97-1064-E
FIRM Community - Panel	120077 0050 E
Flood Zones (Show in Plans)	"X"
Base Flood Elev. (Show in Plans)	NA
Vertical Datum Used for Project	N.G.V.D. 1929**
JEA Availability Number	2010-0124
SUBDIVISION	
PSD Number	NA
City or Private Inspection	NA
Public or Private Roads	NA
Subdivision ("911") Disk Provided?	NA
NON-SUBDIVISION	
North American Industry Classification System (NAICS)	236210
Impervious Area (Sq. Ft.)	285,556 sq. ft.

(impervious area shown is new impervious being added)

NOTE: * CDN 8193.001 is "Offsite Drainage Improvements" and Part of SAFT Overall Project.

** Vertical Datum Converstion Factor:
NAVD 88 +1.00' = NGVD 29

KEVIN J. CRUMP, P.E.
CIVIL ENGINEER
REG. NO. 66985

HASKELL
The Haskell Company
111 Riverside Avenue
Jacksonville, Florida 32202
America's Design Build Leader Phone # (904) 791-4500
FLORIDA – Architecture # AA26001550, Engineering # EB0000906
Landscape # LC26000242, Interior # IB0000949

LITHIUM-ION BATTERY MANUFACTURING PLANT
SAFT
JACKSONVILLE, FLORIDA

DATE	ISSUE/REVISION
6/22/10	FD-#1
5/21/10	CI
5/13/10	JEA-REV PI
4/30/10	CCI
4/19/10	JEA-PI
4/22/10	OR-#4
4/9/10	COJ-RPI
3/30/10	PI
3/12/10	COJ-PI
2/12/10	PUD VERIFICATION
1/29/10	PI-PI COJ
1/29/10	OR-#1

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DRAWN BY: jmb CHECKED BY: CAY

AE JOB NUMBER
33043201

COVER SHEET

C-001
SHEET NUMBER

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XREF: 33043201DM-11 [U:\33043201\C\33043201DM-11.dwg]
U:\33043201\C\33043201C-001.dwg Layout Name: C-001 Jun 21, 2010 - 2:21pm PLOTTED BY: jmbretz