



Requirements for Customer Prepared Distribution Survey Easement Sketches

1111 Louisiana Street, Houston, Texas 77002 CNP-T 7th floor
Telephone: (713) 207-6423 (East Dist.) or (713) 207-6435 (West Dist.)
Facsimile: (713) 207-9040

The Customer (the Customer's Surveyor) is responsible for staking the facilities within the proposed easement. The Service Consultant may request that CenterPoint Energy's Surveying and Right of Way Department confirm the locations staked.

The Customer (the Customer's Surveyor) is responsible for providing a signed and sealed survey sketch or sketches for review that presents the following data:

1. The Sketch must be submitted on 8 ½" x 11" media. Scanned copies are acceptable. No metes and bounds descriptions will be accepted.
2. Current owner's name as shown on deed, recording information and acreage. (The Customer is responsible for providing copies of the fee title instruments for all the tracts from which an easement is to be taken. These should be submitted along with the sketch.)
3. Survey name and abstract number.
4. North arrow, graphical scale.
5. Name of subdivision, recording information, lot and block numbers.
6. Property and tract lines should be labeled or land-hooked.
7. Sufficient monumentation to retrace easement locations and for construction layout, shown in proper location and labeled correctly. A minimum of two (2) monuments shall be found or set, preferably along one side of the easement area.
8. Show ties to the easement; streets, property lines, etc.; Show bearings and distances and curve data. Use arrows to show dimensional limits. Tie buildings or potential encroachments if needed. Centerline easements should extend to, and be dimensioned from, the property line when coming off a perimeter easement. Extend the easements 5' past down guys and terminal poles (those with underground risers), and 15' past dead-end transformer poles. See the web page for many examples.
9. Cite the basis of your bearings.
10. Show existing easements (size, kind of easement, recording information, date, and sketch number, if applicable).
11. Do not label requested easements as "proposed" but call for its size (i.e.: 14' Easement, C.L. of 10' Easement, etc.); Show length or other applicable dimensions. Do not show aerial easements unless that is what is specifically asked for.
12. Use different hatching or line type for each size easement shown on a sketch. Any shading or hatching used to identify specific areas must reproduce clearly on ordinary copy machines.
13. Show grid coordinates, based on Texas Coordinate System South Central Zone, NAD27 or NAD83, shown in units of feet, at the beginning or end of the easement (by scale or by GPS is acceptable).

14. The following statement should appear on the sketch:

Note: The exteriors of all easements are to intersect with the exteriors of all adjoining easements or with adjoining property lines.

15. Use **YOUR** company's title block. Leave sketch number blank to be filled in by CNP.

16. The sketch must be sealed and signed by a Registered Professional Land Surveyor (State of Texas).

Only certified easement sketches conforming to the foregoing guidelines and the following attached examples should be submitted for review.

www.centerpointenergy.com > Business{zip code} +{submit} > Surveying & Right-of-Way

STAFFORD SMITH SURVEY A-1360

216'± To The East
R.O.W. SYNOTT

BELLAIRE BLVD.

N89°56'11"W 624.92' (call)

BELLAIRE MART, LTD.
X051760
F.C. 575-70-0354
2.9063 AC.

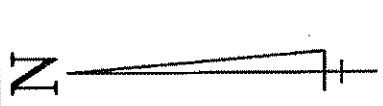
15'x17' PAD
EASEMENT

N87°46'46"E 624.35'
BEARING BASIS:
X051760

DETAIL
N.T.S.

BELLAIRE ESTATES
F.C. 531010

S270456
F.C. 511-39-1335
RESIDUE 40.919 AC.



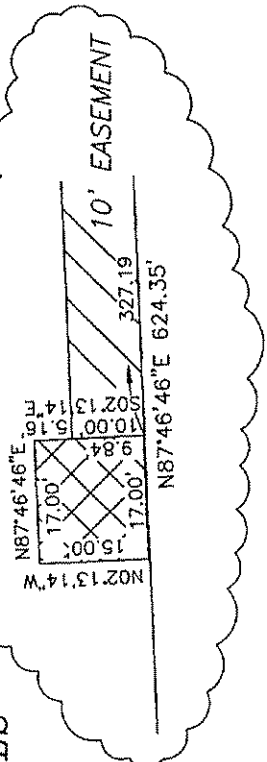
LEGEND

- = Call & Fnd. 5/8" I.R. w/Pl.Cap Stamped Lin 2414 Unless Otherwise Noted.

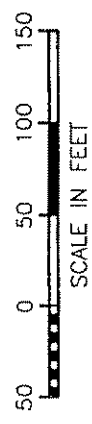
10' EASEMENT

327.19

N02°11'30"W 140.00'



REV.1: JOB NO.	BY:	DATE:	REV.2: JOB NO.	BY:	DATE:
EASEMENT - UNOBSTRUCTED		LAST PLOT DATE: 10-14-04			
COUNTY: HARRIS		DRAWN BY: BDH			
DATE: OCT.14, 2004		MAP NO: 4854-A			
SCALE: 1" = 100'		JOB NO: 37285613			
FILE NO. - BOOK: 2004		CHECKED BY: CFC			



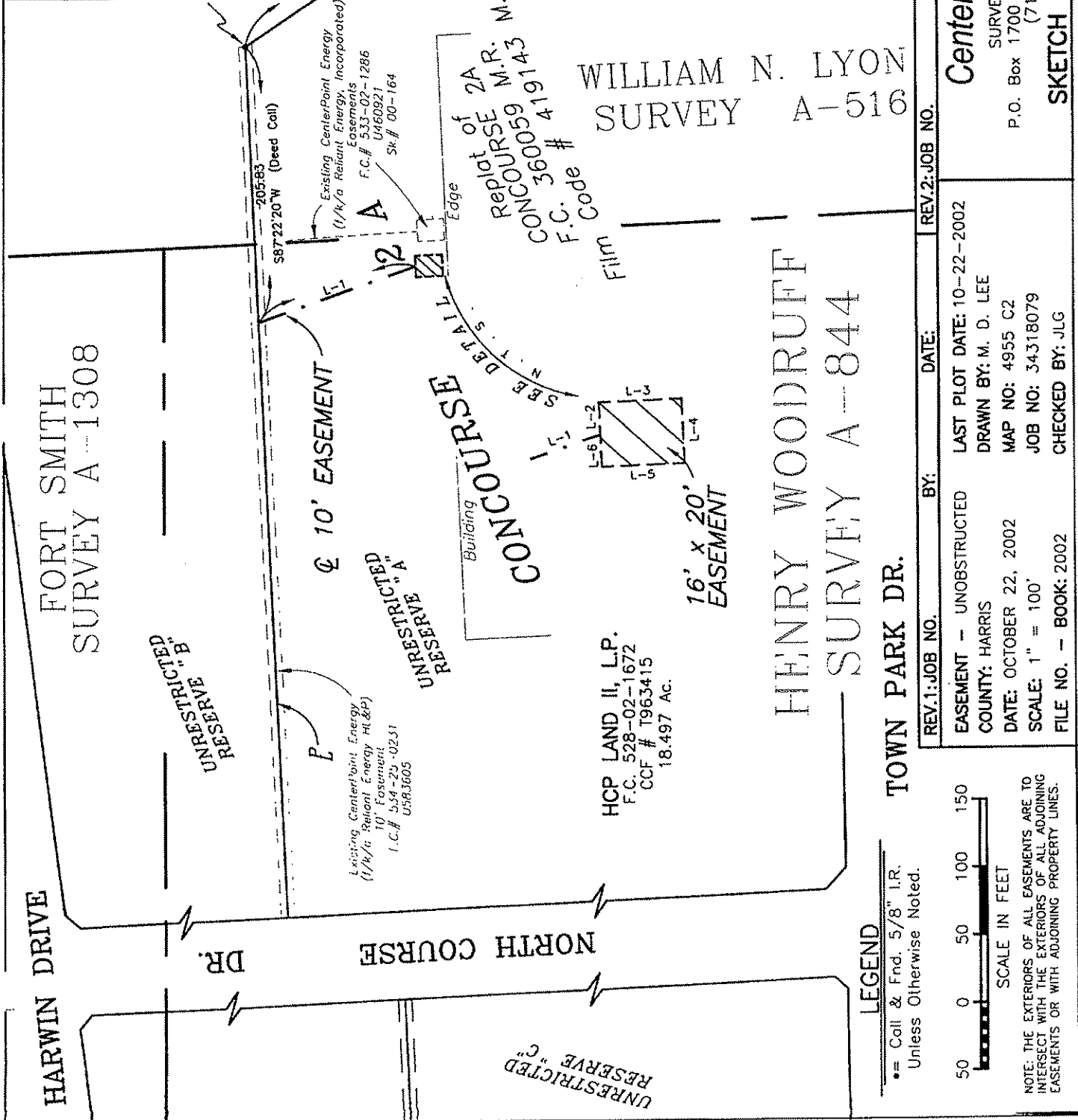
NOTE: THE EXTERIORS OF ALL EASEMENTS ARE TO INTERSECT WITH THE EXTERIORS OF ALL ADJOINING EASEMENTS OR WITH ADJOINING PROPERTY LINES.

CenterPoint Energy

SURVEYING & MAPPING
P.O. Box 1700 Houston, TX 77251-1700
(713) 207-7777

SKETCH NO. 04-524

LINE	LENGTH	BEARING
L-1	122.91	S19°33'23"E
L-2	7.99	N87°31'21"E
L-3	20.00	S02°28'39"E
L-4	16.00	S87°31'21"W
L-5	20.00	N02°28'39"W
L-6	8.01	N87°31'21"E



REV.1: JOB NO.	BY:	DATE:	REV.2: JOB NO.	BY:	DATE:
EASEMENT - UNOBSTRUCTED		10-22-2002			
COUNTY: HARRIS		DRAWN BY: M. D. LEE			
DATE: OCTOBER 22, 2002		MAP NO: 4955 C2			
SCALE: 1" = 100'		JOB NO: 34318079			
FILE NO. - BOOK: 2002		CHECKED BY: JLG			
CenterPoint Energy			SURVEYING & MAPPING		
P.O. Box 1700 Houston, TX 77251-1700			(713) 207-7777		
SKETCH NO. 02-511					