

**Survey Plat of  
Luxor #1H Unit  
Morris County, Texas  
for Rose City Resources, LLC**

**Luxor #1H**  
**Surface Hole Location (SHL)**  
Lat: N 32°55'49.770"  
Long: W 94°41'23.035"  
N: 7042656.991  
E: 3137257.620  
El: 376'

**Penetration Point (PP)/  
First Take Point (FTP)**  
Lat: N 32°55'46.871"  
Long: W 94°41'19.838"  
N: 7042374.148  
E: 3137540.463

**Point of Inflection (PI)**  
Lat: N 32°55'40.835"  
Long: W 94°41'13.182"  
N: 7041785.104  
E: 3138129.507

**Last Take Point (LTP)/  
Bottom Hole Location (BHL)**  
Lat: N 32°53'51.446"  
Long: W 94°41'17.890"  
N: 7030723.212  
E: 3138129.507

**Luxor #1H SHL Distance Calls**  
235' to northwest unit corner  
1043' to south survey line  
1724' to east survey/unit line

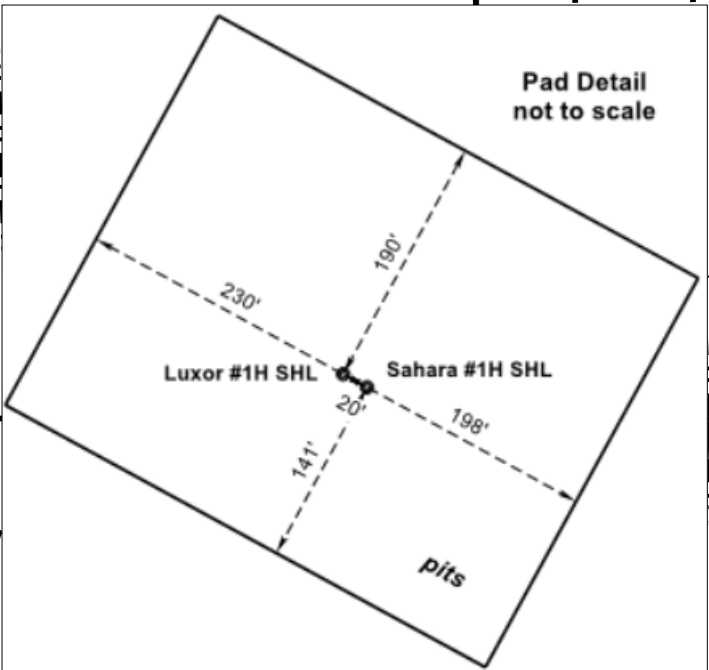
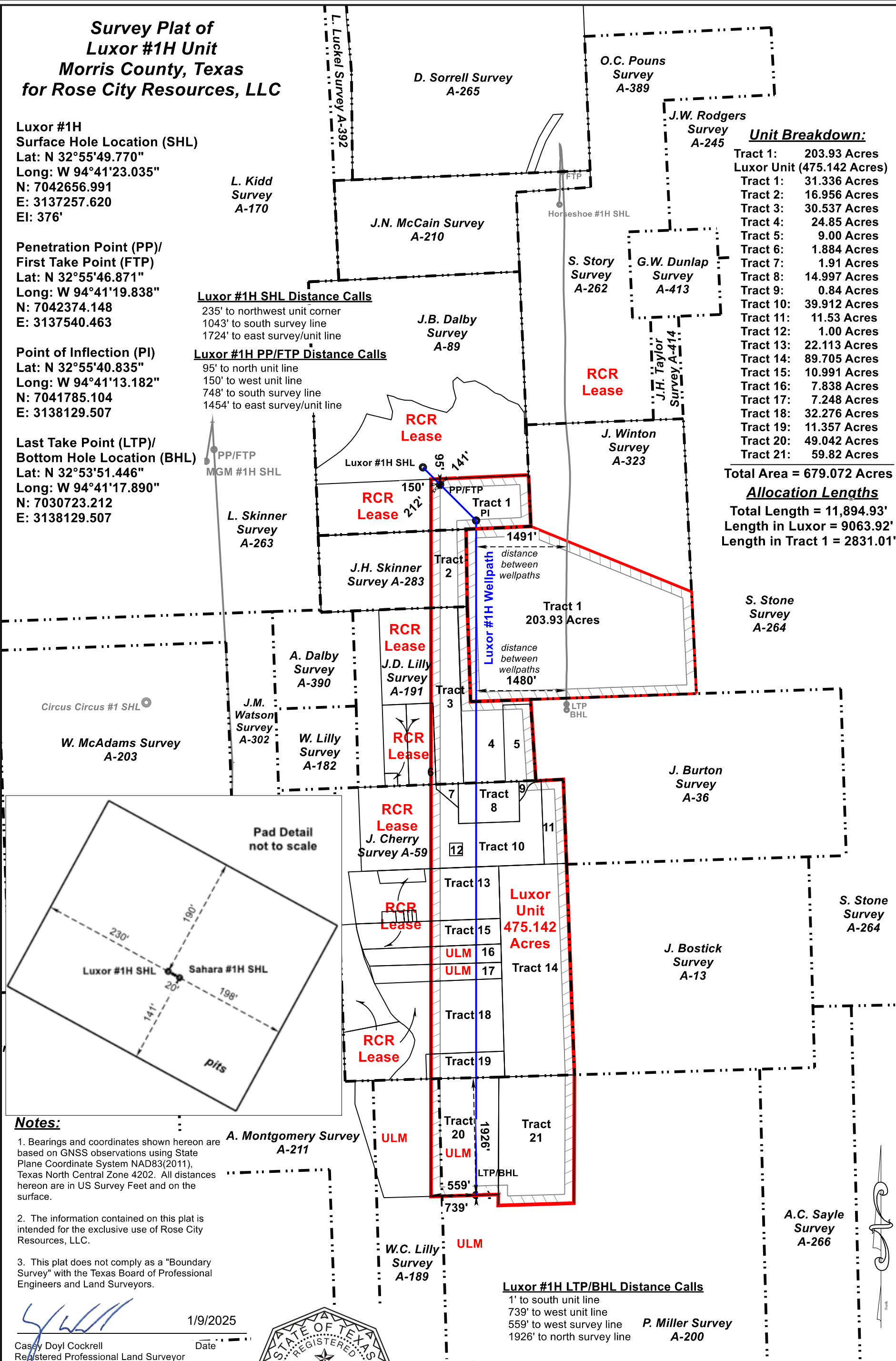
**Luxor #1H PP/FTP Distance Calls**  
95' to north unit line  
150' to west unit line  
748' to south survey line  
1454' to east survey/unit line

**Luxor #1H LTP/BHL Distance Calls**  
1' to south unit line  
739' to west unit line  
559' to west survey line  
1926' to north survey line

**Unit Breakdown:**

Tract 1:	203.93 Acres
Luxor Unit (475.142 Acres)	
Tract 1:	31.336 Acres
Tract 2:	16.956 Acres
Tract 3:	30.537 Acres
Tract 4:	24.85 Acres
Tract 5:	9.00 Acres
Tract 6:	1.884 Acres
Tract 7:	1.91 Acres
Tract 8:	14.997 Acres
Tract 9:	0.84 Acres
Tract 10:	39.912 Acres
Tract 11:	11.53 Acres
Tract 12:	1.00 Acres
Tract 13:	22.113 Acres
Tract 14:	89.705 Acres
Tract 15:	10.991 Acres
Tract 16:	7.838 Acres
Tract 17:	7.248 Acres
Tract 18:	32.276 Acres
Tract 19:	11.357 Acres
Tract 20:	49.042 Acres
Tract 21:	59.82 Acres

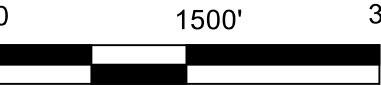
**Total Area = 679.072 Acres**  
**Allocation Lengths**  
Total Length = 11,894.93'  
Length in Luxor = 9063.92'  
Length in Tract 1 = 2831.01'



- Notes:**
- Bearings and coordinates shown hereon are based on GNSS observations using State Plane Coordinate System NAD83(2011), Texas North Central Zone 4202. All distances hereon are in US Survey Feet and on the surface.
  - The information contained on this plat is intended for the exclusive use of Rose City Resources, LLC.
  - This plat does not comply as a "Boundary Survey" with the Texas Board of Professional Engineers and Land Surveyors.

*[Signature]*  
Casey Doyle Cockrell  
Registered Professional Land Surveyor  
Texas Registration No. 6147

Drafted January 9th, 2025  
Job No. ST24-0051 Half Option



**SOUTHERN SURVEY & DESIGN**  
POST OFFICE BOX 246, WHITE OAK, TX, 75693 | 903.261.1058 | WWW.SOUTHERNSURVEY.COM