**CUSTOMER ENGINEERING RESIDENTIAL DEVELOPMENT**

CPS ENERGY

**CONSTRUCTION COMPLETED**

BY:

DATE:

CONST CTR:

**FERGUSON MAP GRID: 451 - A3**

## STREETLIGHT DESIGN

PROJECT # A-0008

| WORK REQUEST NO | WORK REQUEST TITLE / ADDRESS | | | |
|---|---|---|---|---|
| 41067173 | REDBIRD RANCH PHASE 2 UNIT 8M-1 | | | |
| PLANNED BY | PHONE | CELL PHONE | DATE PLANNED | NOTES |
| Z. LAWRENCE | 210-353-6874 | 210-596-7348 | 12/22/2025 | INSTALL: +7: 100W LED STLTS |
| REVIEWED BY | PHONE | CELL PHONE | DATE REVIEWED | |
| S. BLAIN | 210-353-6867 | 210-415-8573 | 12/26/2025 | |
| PAGE | | | | |
| 1 of 1 | | | | |
| SERVICE CENTER | | | | |
| NWD | | | | |
| X,Y GRID COORDINATES | | CIRCUIT NO | SCALE | |
| X 2027551.000000 | Y 13713465.000000 | V334 | 1 " = 100 ' | |

BURIED FACILITIES: CATV, WATER, TELEPHONE, SEWER, ELECTRIC, GAS, OTHER — CLEAR / NOTED ON SKETCH

COPIES / TOTAL

**SKETCH SIZE 22 X 34**
**1" = 100'**

STATE OF TEXAS — RICHARD CASTREJANA — 64637 — LICENSED PROFESSIONAL ENGINEER

Richard Castrejana P.E.

Texas Utility Engineering
Firm 9321 01/08/2026
210-248-9031

**Locates & Permits**

DESIGNED BY:
J. RIEDEL
ENTRUST SOLUTIONS

**Associated Work Orders**

GAS WR #41066337
OH WR#41066406
URD WR #41055408

**Environmental Notes**

A STORMWATER PERMIT IS ACTIVE FOR THIS CONSTRUCTION SITE. PLEASE CALL STORMCON ENVIRONMENTAL AT LEAST 48 HOURS PRIOR TO ANY SOIL DISTURBANCE.

STORMCON POC: BRANDON BAXTER
210-771-1221 brandon@stormcon.us

CREWS ARE TO IMMEDIATELY STOP WORK AND CONTACT CPS ENERGY ENVIRONMENTAL DEPARTMENT AT 210-353-2792 IF KARST (CAVE-LIKE) FEATURES ARE IDENTIFIED DURING CONSTRUCTION ACTIVITIES

N

**PROJECT NAME:** REDBIRD RANCH PHASE 2 UNIT 8M-1 HOME SQ FT: 2800 # OF LOTS/# OF UNITS: 101/101

DIRT: X ROCK: # OF SE6D: 39 KVA PER LOT/TOTAL KVA: 12/1175

TOTAL TRENCH FOOTAGE: (JOINT-ELEC & GAS): 4950' TRENCH-GAS ONLY: 385' TRENCH-ELEC ONLY: 557'

STREET CROSSINGS: CUSTOMER SLEEVES: CPSE TRENCH/FLOWABLE FILL: X # OF CROSSINGS: 36

# OF STREETLIGHTS: 7 100W: X 250W: UNINCORPORATED: X CITY: ANSL:

# OF URD PADMOUNT TRANSFORMERS:

| GY: | | HV: | |
|---|---|---|---|
| | :50KVA | 7 | :50KVA |
| | :75KVA | 11 | :75KVA |
| | :100KVA | | :100KVA |
| | :167KVA | | :167KVA |
| | :250KVA | | :250KVA |

**ATTENTION: DEVELOPERS / ENGINEERS / CONTRACTORS**

WHEN TRENCHING IS IN FRONT LOT CONSTRUCTION, WATER &/OR SEWER SERVICES ARE NOT TO BE PLACED UNTIL CPS ENERGY FACILITES ARE INSTALLED WHEN TRENCHING IN RIGHT OF WAY, WATER & SEWER SERVICES WILL NEED TO BE ROLLED BACK &/OR OUT OF CPS ENERGY TRENCHLINE

CPS ENERGY WILL NOT BE LIABLE FOR ANY DAMAGES TO WATER &/OR SEWER SERVICES WHERE CPS ENERGY AND SEWER/WATER SERVICES/MAIN ARE CROSSING STREET CPS ENERGY REQUIRES A MINIMUM OF 6' (FT) OF HORIZONTAL SEPARATION (when paralleling) AND 1' (FT) VERTICAL SEPARATION (when crossing) TO AVOID CONFLICTS

* ANY FOREIGN UTILITY OTHER THAN CPS ENERGY WILL BE REQUIRED TO MAINTAIN A MINIMUM OF 6' (FT) PARALLEL SEPARATION FROM ANY CPS ENERGY INFRASTRUCTURE.
* CPS ENERGY APPROVES THIS DRAWING FOR THIS PROJECT ONLY. CPS ENERGY RESERVES THE RIGHT TO APPROVE OR REJECT ANY DEVIATIONS ON ANY FUTURE PROJECTS.

**"ATTENTION FOREMAN"**
PLEASE CONTACT SUPERVISOR PRIOR TO ENERGIZING!!

ATTENTION
FOREMAN

SEE UTILITY PLAT FOR LOCATION OF UTILITIES IN CONSTRUCTION AREA

**LOCATE ALL BURIED FACILITIES**

FOR MISSING PINS
CONTACT ENGINEER

ENGINEER: PAPE-DAWSON ENGINEERS
CONTACT: HYDEN FOWLKES
PHONE: 210-375-9000

**Joint Trench & COMM's**

Joint Trench Participants-
- [ ] None
- [ ] Astound Broadband: (Footage)
- [ ] Bluebonnet Fiber: (Footage)
- [ ] Centirc Fiber: (Footage)
- [ ] Google Fiber: (Footage)
- [ ] GVTC: (Footage)
- [x] Spectrum: (Footage)

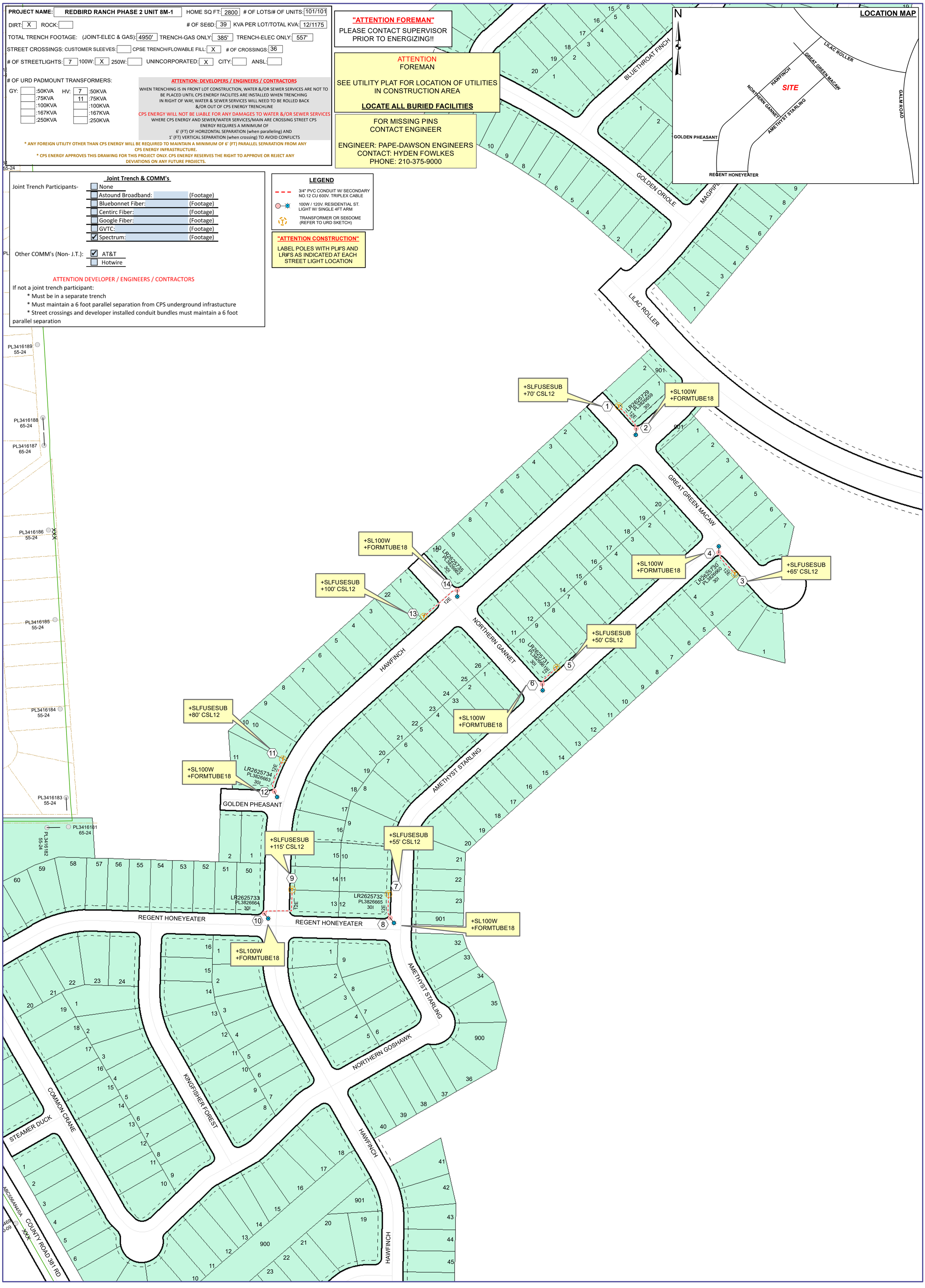
Other COMM's (Non- J.T.):
- [x] AT&T
- [ ] Hotwire

ATTENTION DEVELOPER / ENGINEERS / CONTRACTORS

If not a joint trench participant:
* Must be in a separate trench
* Must maintain a 6 foot parallel separation from CPS underground infrastucture
* Street crossings and developer installed conduit bundles must maintain a 6 foot parallel separation

**LEGEND**

- 3/4" PVC CONDUIT W/ SECONDARY NO.12 CU 600V. TRIPLEX CABLE
- 100W / 120V. RESIDENTIAL ST. LIGHT W/ SINGLE 4FT ARM
- TRANSFORMER OR SE6DOME (REFER TO URD SKETCH)

**"ATTENTION CONSTRUCTION"**
LABEL POLES WITH PL#'S AND LR#'S AS INDICATED AT EACH STREET LIGHT LOCATION

**LOCATION MAP**