

**CITY OF HURST**  
**Public Works Department**  
**FINAL ENGINEERING PLAN CHECKLIST**

The following items shall be required, when applicable, for completion of the construction plans. Please use the column on the left to verify the completeness of information submitted. "N/A" is The abbreviation for "Not Applicable" on this checklist.

**INDICATE**  
Shown N/A

**FOR CITY USE**  
Shown N/A

- |       |       |  |       |       |
|-------|-------|--|-------|-------|
|       |       | <b>I. <u>STREETS</u></b>   |       |       |
| _____ | _____ | A. ROW dimension shown for all existing streets                                    | _____ | _____ |
| _____ | _____ | B. ROW dimension shown for all proposed streets                                    | _____ | _____ |
|       |       | 1. Residential -2 lane undivided-50 feet   |       |       |
|       |       | 2. Secondary Collector -2 lane undivided-50 feet**                                 |       |       |
|       |       | 3. Primary Collector -4 lane undivided-60 feet**                                   |       |       |
|       |       | 4. Minor Arterial -4 lane divided-100 feet   |       |       |
|       |       | 5. Major Arterial -6 lane divided-120 feet*  |       |       |
|       |       | **10 ft. additional at intersections with collectors                               |       |       |
|       |       | * 10 ft. additional per turn lane where more than one<br>turn lane is required     |       |       |
| _____ | _____ | C. Additional street ROW required  | _____ | _____ |
|       |       | If yes, street _____   |       |       |
|       |       | Dedication _____   |       |       |
| _____ | _____ | D. Alignment of proposed street with existing streets<br>(minimum 125 foot offset) | _____ | _____ |
| _____ | _____ | E. Extension of collectors and arterials (Thoroughfare<br>Plan)                    | _____ | _____ |
| _____ | _____ | F. Final street plans  | _____ | _____ |
|       |       | 1. City of Hurst Standard<br>"Street and Driveway Details" Sheet                   |       |       |
|       |       | 2. City of Hurst Standard<br>"Miscellaneous Sidewalk Details" Sheet                |       |       |
|       |       | 3. City of Hurst Standard<br>"Typical Barricading Plans" Sheet                     |       |       |
|       |       | 4. Minimum centerline radius   |       |       |
|       |       | Residential -395 ft.   |       |       |
|       |       | Collectors -498 ft.  |       |       |
|       |       | Arterials -637 ft.   |       |       |
|       |       | 5. No street with one point of access should be longer<br>than 500 feet.           |       |       |
|       |       | 6. Block length: > 290 ft. and < 1200 ft. measured<br>centerline to centerline.    |       |       |
|       |       | 7. If existing, show curbs and other appertenances.                                |       |       |
| _____ | _____ | G. Scale: 1 inch = 40 foot horizontal, 1 inch = 4 foot vertical                    | _____ | _____ |

**INDICATE**  
Shown N/A

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Shown N/A

**II. WATER AND SEWER AVAILABILITY**

- |       |  |       |
|-------|--|-------|
| _____ | A. Existing water lines shown  | _____ |
| _____ | B. Final plans of proposed water distribution                                  | _____ |
|       | 1. Fire hydrants shown   |       |
|       | A. Residential – 600 foot maximum spacing                                      |       |
|       | B. Commercial & Industrial –500 foot maximum spacing                           |       |
|       | 2. Water mains 12 inch and greater shown in profile                            |       |
|       | 3. City of Hurst Standard<br>“Water Line Details” Sheet                        |       |
|       | 4. City of Hurst Standard<br>“Miscellaneous Details Water Lines” Sheet         |       |
| _____ | C. Existing sanitary sewer lines shown   | _____ |
| _____ | D. Final plans of proposed sewer collection system                             | _____ |
|       | 1. Manholes  |       |
|       | A. Spacing -500 feet or less   |       |
|       | B. Install at junctions, bends and end of lines                                |       |
|       | 2. City of Hurst Standard<br>“Standard Details for Sanitary Sewers” (2 sheets) |       |
| _____ | E. City of Hurst “Water and Sewer Standard Notes”                              | _____ |
| _____ | F. Scale: 1 inch = 40 foot horizontal, 1 inch = 4 foot vertical                | _____ |

**III. ON SITE AND OFF SITE DRAINAGE**

- |       |   |       |
|-------|---|-------|
| _____ | A. Present topography shown   | _____ |
| _____ | B. Existing on-site drainage facilities shown   | _____ |
| _____ | C. Existing off-site drainage facilities shown  | _____ |
| _____ | D. Proposed lot and block grading plan  | _____ |
|       | 1. Lots should draw to street or to an improved drainage structure.                             |       |
|       | 2. Elevations should be shown at all property corners and tops of curbs.                        |       |
| _____ | E. Proposed drainage facilities   | _____ |
|       | 1. Calculations shown for pipes, inlets, channels, etc.<br>using Ft. Worth Design Manual Charts |       |
| _____ | 2. Calculations shown for streets using Ft. Worth Design Charts                                 |       |
| _____ | 3. Storm Sewer Plans and Profiles   | _____ |
| _____ | 4. City of Hurst Standard<br>“Miscellaneous Drainage Details” Sheets (4 sheets)                 | _____ |
| _____ | F. Drainage area map  | _____ |
|       | 1. Entire drainage area – on-site and off-site  |       |
|       | 2. Drainage calculations  |       |
| _____ | G. Scale: 1 inch = 40 foot horizontal, 1 inch = 4 foot vertical                                 | _____ |

**IV. FEES AND AGREEMENTS**

- \_\_\_\_\_ A. Streetmarker Fees – Paid prior to construction permits \_\_\_\_\_  
(\$75 per set)
- \_\_\_\_\_ B. Escrow Fees – Paid prior to construction permits \_\_\_\_\_  
(water, sewer, street, etc.)
- \_\_\_\_\_ C. Developer Participation Agreement – Submit with final plat \_\_\_\_\_  
for City Council approval – (Paid by City upon project acceptance)

**V. MISCELLANEOUS**

- \_\_\_\_\_ A. Indicate other utility locations, e.g. gas, telephone, cable, electric. \_\_\_\_\_
- \_\_\_\_\_ B. Indicate existing and proposed street light locations. \_\_\_\_\_

SIGNED \_\_\_\_\_  
(Consulting Engineer)

(FOR CITY USE)

Submitted Information Reviewed By: \_\_\_\_\_ Date: \_\_\_\_\_