

(Project)

**CITY OF HURST**  
**Public Works Department**  
**PRELIMINARY 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 the checklist.

**INDICATE**  
Shown N/A

**FOR CITY USE**  
Shown N/A

**I. STREETS**

_____	_____	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 turn lane is required		
_____	_____	C. Additional street ROW required	_____	_____
		If yes, street _____		
		dedication _____		
_____	_____	D. Alignment of proposed street with existing streets	_____	_____
_____	_____	E. Extension of collectors and arterials	_____	_____
_____	_____	F. Preliminary street plans	_____	_____
_____	_____	1. Pavement thickness	_____	_____
			<u>Asphalt</u>	<u>Concrete</u>
		Residential	6"	5"
		Secondary Collector	8"	6"
		Primary Collector	9"	7"
		Arterial	11"	8"
_____	_____	2. Minimum centerline radius	_____	_____
		Residential -395 ft.		
		Collectors -498 ft.		
		Arterials -637 ft.		
_____	_____	3. No street with one point of access should be longer than 500 feet.	_____	_____
_____	_____	4. Block length: > 290 ft. and < 1200 ft. measured centerline	_____	_____

**INDICATE**  
Shown N/A

**FOR CITY USE**  
Shown N/A

\_\_\_\_

\_\_\_\_

**II. WATER AND SEWER AVAILABILITY**

\_\_\_\_

A. Existing water lines shown

\_\_\_\_

\_\_\_\_

B. Existing sanitary sewer lines shown

\_\_\_\_

\_\_\_\_

C. Fire hydrants shown  
1. Residential – 400 foot radius coverage  
2. Commercial & Industrial – 300 foot radius

\_\_\_\_

\_\_\_\_

D. Preliminary plans of proposed water distribution

\_\_\_\_

\_\_\_\_

E. Preliminary plans of proposed sewer collection

\_\_\_\_

**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 grading plan

E. Proposed drainage facilities

F. Drainage area map

**IV. MISCELLANEOUS**

\_\_\_\_

A. Indicate other utilities, e.g. gas, electric, cable, telephone.

\_\_\_\_

\_\_\_\_

B.. Indicate existing and proposed street light locations.

\_\_\_\_

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

(FOR CITY USE)

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

