

Date: _____
 Job Address: _____
 Permit Number: _____ - _____

← check box

**City of Merced
 Inspection Services
 Engineering
 209-385-6861
 Engineering Plan Check List**

1. Site Plan

	A	Submit complete site plan
	B	Include all public improvements on the site plan
	C	Include all dimensions on the site plan
	D	Include all property lines on the site plan (prepared by Licensed Land Surveyor)
	E	Include a demolition plan, if applicable
	F	Include all current and proposed right-of-ways and easements
	G	Other:

2. Grading Plan

	A	Submit a grading plan based on City datum
	B	Include flood zones and elevations, where applicable
	C	Include existing/adjacent original gradeelevation to the nearest 1/100'
	D	Match existing adjacent grades
	E	Include finished floor elevations
	F	Include finished pad elevation
	G	Show street grades at driveway
	H	Include benchmark information (Contact City of Merced Engineering for benchmarks)
	I	Show existing elevations tying in existing curb, sidewalk & pavement to neighboring property
	J	Other:

3. Show City Standards on items below on the plans, if applicable to the project

	A	Sidewalk, curb & gutter per SCG-1, SCG-1A
	B	Driveway approach per D-1, D-2, D-3, D-7, D-7A
	C	Access ramp per SGC-1, SGC-6
	D	Conform paving per G-1, ST-2
	E	Streetlight per SL-1. Add streetlight number per initial comments
	F	Curb drain per SD-5, SD-6
	G	Catch basin per SD-1, SD-2, SD-3
	H	Valley gutter per ST-5
	I	Sewer service per S-7, S-14
	J	Sewer manhole/cleanout per S-1, S-4, S-8. Provide manhole number
	K	Fire hydrant per W-2
	L	Reduced pressure backflow device per W-9
	M	Grease interceptor per S-5 & S-5E & sizing calculations
		1. Separate all restroom fixtures from grease interceptor
	N	Street trees per L-1, L-2 by developer
	O	Alley reconstruction/resurfacing per ST-5 (ref)
	P	Double check per W-8
	Q	Detector check meter per W-13. DEC supplied by developer.

	R	Water service per W-3/W-4. Domestic meter supplied by the City
	S	Monument location/details. Monument Preservation Certificate
	T	Sand and soil separator per S-5A
	U	Parking lot per G-1
	V	Fence/Wall details per F-1, F-2, F-3, F-4, F-5
	W	Street reconstruction per ST-1, ST-2, ST-2A
	X	Other:

4. Water Service:

	A	Submit water calculations and include fixture count.
	B	Identify size of service main from water main to property line
	C	Identify size of service main from property line to building
	D	Include detail of domestic service showing backflow device
	E	Show 10' separation between water and sewer mains/service
	F	Show public main on the site plan, including the size of the main
	G	Add Note: The backflow device shall be tested and accepted by the Water Department prior to the granting of a Certificate of Occupancy
	H	Other:

5. Storm Drainage:

	A	Submit storm drainage calculations based on SD-12 through SD-31
	B	Include runoff storage and flow limitations
	C	Verify design (plans) will meet the intent of the calculations
	D	Submit Post-Construction Standard documents & calculations as required.
	E	Other:

6. Refuse:

	A	Design the refuse container and location per R-1, R-2, R-3, R-4, R-6
	B	Include sliding/swinging gates
	C	Allow for minimum on-site turn radius
	D	Add Note: Developer responsible for contacting the Refuse Department at 209-385-6800, prior to construction of the enclosure to field verify location
	E	Temporary paving for turn around per G-1, Type A=B
	F	Other:

7. Dedication:

	A	Dedicate the following to the City of Merced/Property Owner, prepare, sign and submit document with plat map and title insurance
		1. Public facility easement
		2. Tree planting easement
		3. Radius for access ramp
		4. Turn lane
		5. Right-of-way
	B	Other:

8. Improvement Plan:

	A	Submit Improvement Plans, signed & stamped by a Licenced Civil Engineer
	B	Include a signature block for the City Engineer on the title page (only for subdivision plans)
	C	Other:

9. Minor Subdivision Action

	A	Apply with the Planning Dept. for a lot merger/boundary adjustment lot split
	B	Other:

10. Maintenance District:

	A	Submit a written request and post the fee to cover annexation, establishment of storm drainage, landscape, irrigation, street, trees, parks and open space maintenance district, if applicable
	B	Other:

11. Abandonment:

	A	Show the location and size of sewer/water/well service to be abandoned
	B	Submit the request for abandonment to the Planning Dept.
	C	Other:

12. Traffic:

	A	Include signing/street name plan
	B	Include striping/marketing plan
		1. Show standard detail numbers
		2. Show school/hospital zone striping and markings
	C	Include signal plan
	D	Include channelization/raised median plan
		1. Show median islands as curb only, no gutter
	E	Other:

13. CALTRANS:

	A	Permit is required prior to issuance of the building permit
	B	Notify CalTrans of proposed work
	C	Other:

14. Fire System:

	A	Submit detail of fire service from the main to the property line
		1. Include the size of off-site/on-site pipes
	B	Other:

15. Miscellaneous:

	A	Complete industrial/wastewater discharge permit form
	B	Submit an engineer's estimate of public improvements for fee determination and to verify the value of public improvements for inspection costs, including, but not limited to, all on-site utilities, such as: water, storm drainage and sewer in the estimate
	C	If work is required in a public right-of-way, submit a permit application, including a Class A Licensed Contractor
	D	Submit covenants, conditions and restrictions for review as required by project conditions of approval
	E	Review project conditions of approval to ensure all conditions are met
	F	If work is required in a public right-of-way, submit a certificate of monument preservation form
	G	Other: