Tract or	Parcel	Project Name	PCN	Checked By	Date
City	of La Quinta	Public Works Department - Co			lan Review Checklist
	Approved Ter Conditions of Rough grading Street improv Soils report & PM 10 plan. SWPPP plan. Hydrology and WQMP (if app Precise grading Estimates of a Archeo/paleo	(if required by conditions of approval atative Tract Map. Approval. It plan (if previously graded or graded ement plan (as applicable). It annual update letter. It Hydraulics Report. It blicable) It g plans.	separately).	on other property	
	ITIONS OF APF Engineer to in	PROVAL dependently verify conditions of app	roval have be	een met.	
	Street/drive as sheet). Show On the index FEMA flood z Typical gradin City required Department (improvements Underground Soil engineer applicable). Farking table Standard vs. Also show bid Define AC, Pl structural sec Provide recom AC over 5.5 i Specify City necessary rec Call out all ne Provide comp	service alert note. stamp & signature block – ensure Plans signed by soils engineer. provided wherein building area(s), selection of the selec	hinge points ts and final ce sheet. afety (all conity Service update letter tandard slots arking slots — utilize common parking lot on parkin	parate sheet if room outlets. commercial plans), or ser is within 1 year are identified and respected fill or CAB is section is 3 inchest eavy truck traffic, us Geotechnical Repornigh chloride soils. country quantities coerty line, flow line,	Community Development recreational facilities, art of plan set submittal (as parking, HC van parking, equired quantities verified. case rock – see City road AC over 4.5 inches CAB. se minimum of 4.5 inches t should address and if on title sheet. R/W and easements.
PLAN	North arrow (4 inch bar sca				

	Primary image corridor lines. Confirm building height setback. Adjacent record map references. Dimension walkway, street and R/W widths. Confirm no encroachment of PUE by building, fence, patio,
_	wall or other structure. 10 ft PUE unless written approval from Imperial Irrigation District for 5 ft PUE.
	Show grades and dimensions of sidewalks, landings and ramps with arrow direction and % slope. Call out top of curb and finish floor elevations.
	Street plans and precise grade plans match up in details. Curb/gutter alignment matches tentative map.
PARK	ING- SEE PUBLIC WORKS ADA CHECKLIST FOR ADDITIONAL REQUIREMENTS
	Parking facility design standards shall be consistent with Chapter 9.150.080 of the Municipal Code.
	Except for single family detached, single family attached, duplex and townhome residential uses, please ensure that no vehicles are required to back into a public street.
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	With the exception of single family detached, single family attached and duplex residential uses, all parking bays shall be bordered by continuous curbs to serve as drainage channels and as wheel stops. Individual
	wheel stops shall not be permitted in lieu of such curbs.
	center portion shall be a ribbon gutter of Portland cement concrete rather than asphaltic concrete.
	Parking lot layouts shall provide a clear hierarchy of major access drives (connecting the parking area to the public street), fire lanes, loading areas, minor drives, parking bay maneuvering areas, etc. Parking shall be designed to minimize backing out into major access drives.
	provide a turnaround area at the end of the bay.
	Parking access ways are those driveways that provide ingress or egress from a street to the parking aisles, and those driveways providing interior circulation between parking aisles. No parking is permitted on an
_	access way.
	All parking facilities taking access from a major, primary or secondary arterial highway shall have a parking access way between the arterial and the parking aisles. Call out bicycle rack locations and details.
	One-way access ways shall have a minimum width of 15 ft, unless the access way is a fire lane or used for
	ingress or egress, which requires a minimum of 20 ft of AC pavement.
	Two-way access ways shall have a minimum width of 26 ft.
	Entry/exit driveways shall be placed where they result in the least interference with the flow of traffic on the public street to which they connect – no backing of parked vehicles into street LQMC 9.150.080
	Joint entry driveways are encouraged and shall be arranged to allow parking lot maneuvering from one establishment to another without requiring exit to the street. Adjacent properties shall maintain agreements
	which permit reciprocal driveway connections across property lines. Regular space dimensions. All parking spaces up to the minimum required shall be designed for regular vehicle parking. Regular vehicle spaces shall be 18 feet long.
	City prefers limited or no use of wheel stops to minimize tripping hazards and to facilitate pavement cleaning and maintenance.
	If wheel stops are used, provide a detail or dimensional call out showing location in stall. Avoid vehicles straddling the wheel stop. Position wheel stop 1 ft from passenger side stall striping (preferred).
	Show concrete wheel stops at all parking slots adjacent to sidewalks less than 6 ft - all locations as
	applicable. Confirm use of La Quinta "hair pin" parking stripe for straight or diagonal parking – show detail
	Compact spaces shall be 8 ½ ft wide, 16 ft long (with overhang), 17 ½ ft long (without overhang), and are
	permitted if such spaces are in excess of the minimum parking requirements
	End spaces. Parking spaces at the end of a parking aisle against a wall shall be widened by two additional
_	ft and/or shall have a backing out pocket provided.
	Parallel spaces. Spaces provided for parallel parking shall be a minimum of 9 ft wide and 24 ft in length to permit room for maneuvering. If a wall or curb in excess of eight inches in height is adjacent to the parallel parking space, the space shall be 10 ft in width. All end spaces confined by a curb shall be 30 ft long.
П	Call out curb paint (white red yellow) as applicable

FLANI				
	=	=	mitigation to avoid irrigation runoff iss	ues
			where passenger side occupants step	out
	into planters. All planter beds not containing treat least 6 ft in width or diameter		n and planter beds containing trees shal	l be
DRIVE	WAYS/THROATS/DRIVE AISLES- S	SEE PUBLIC WORKS ADA CHEC	KLIST FOR ADDITIONAL REQUIREMEN	TS
	Locate driveways with no less that	an 250 ft of separation.		
	and shall not be intersected by (measured from BCR to BCR) of	a parking aisle or another park 30 ft for projects with zero to 2	ing spaces taking direct access from tl king access way for a minimum distal 200 spaces, 50 ft for projects with 20 0 ft for projects with 451 spaces or m	nce, 1 to
	Review parking and aisle layout v		on the projection than the opinion of the	0.0.
		rterial streets and highways sha	ll not be less than 30 ft in length from BCR).	the
			al and multi-family parking lots shall b	
			e a minimum of 3 ft in width). Addition	
		e a minimum of 12 ft in width.	Maximum driveway width shall be 4	8 ft
_	plus median.	and and face from the other and	dell' en la colonia de la colonia de l'accidente de la colonia de la colonia de la colonia de la colonia de la	
Ш	loading and offloading zones show		delivery truck functionality. Delivery to	иск
	Internal driveway widths shall con		enending on the angle of parking:	
	Parking angle (degrees)	One-way aisle width (feet)	Two-way aisle width (feet)	
	0-44 (0 degrees = parallel)	14'	26'	
	45-54	16′	26′	
	55-64	18′	26′	
	65-79	22′	26′	
	80-90	26′	26′	
	Minimum access road width of 28	3 ft.		
		nowing pavement section and ro	ng template exhibits (separate from planute arrows on horizontal control plan.	າຮ).
		ft o.c. spacing (typ.) should be	e utilized for pedestrian protection at f	ush
	No angle points at curbs, median			
	Show fire lanes and fire hydrant I		D.	
	DRAINAGE		araranad anatam ta ratamtian basin	
Ц	primary roof drains to sidewalks	or planter areas. Roof drip li	erground system to retention basin – nes should drain to gutters or area dr – avoid sidewalk drains as possible – sl	ains
GRAD	NG			
	Existing contours shall be shown	in screened or dashed line types	s at the following intervals:	
			ines or as needed for day-light or to exp	lain
	1 ft maximum contour interval on			
			ervals for required existing contours.	
	Show proposed elevations at:	And the add and the section		
	☐ Top of curb/flow lines on plar☐ Concrete and asphalt surface:			

		 □ Top and bottom of stairs. □ Doorway thresholds (no greater than ½ inch in height from adjacent finished floor). □ Building corners (include dimensions tying building corners to property lines). □ Grade breaks. □ All high points, flow lines and ridgelines. □ Elevations and invert elevations at catch basins, manholes, junction structures, bends, inlets and outlets, area and landscape drains and retention basins. □ Any other elevations pertinent to the grading design. Show depth and limits of overexcavation. Grading plan geotechnical items per City Engineering Bulletin 09-03 are addressed, as applicable. 		
VEF	RTIC	CAL CURVES (STREETS)		
		Provide vertical curves on grade breaks >0.5% at local and arterial streets. Sag vertical curves utilize the approximate AASHTO specification for sag vertical curve distance (ft) with		
	ш	<2% grade break = 3 times design speed (mph). Avoid use of short (e.g. 50 ft) vertical curves.		
		I Crest vertical curve length accommodates sight distances in accordance with Caltrans & AASHTO des		
		standards. I Check for flat spots at high and low points of vertical curves.		
		FINISHED FLOOD FLEWATIONS (BUILDING (FLOOD CONTROL MEACURES		
		FINISHED FLOOR ELEVATIONS/BUILDING/FLOOD CONTROL MEASURES Ensure conformance with 2013 CBC 2304.11.2.2 specification for 8 inch offset from pad to untreated		
		wood. An 8 inch slab thickness or equal is now required.		
		Show pad elevations or dirt elevations to the nearest 0.1 ft. Show finished floor or "hard" surface elevations to the nearest 0.01 ft. Show finished pad and floor elevations of adjacent properties and		
		provide note if adjacent site is vacant.		
		Pad elevation shall be a minimum of 1 ft above 100 year flood elevation. 100 year flood elevation is		
		generally considered to be at the R/W – EOR should confirm same. FEMA minimum is that the finished floor elevation shall be a minimum of 1 ft above 100 year flood elevation.		
		Check driveway HP's to isolate drainage in adjacent street. HP should be at street 100 WSE or use R/W elevation if offsite street analysis is not applicable.		
		I DRAINS/GENERAL DRAINAGE - SEE PUBLIC WORKS STORM DRAIN CHECKLIST FOR ADDITIONAL REMENTS		
		Concentrated flows shall be conveyed on PCC surfaces.		
		Show roof drains with both vertical and horizontal locations. Show connection locations to any hard surface or underground system. The roof emergency overflow drains must be on independent lines per the CBC.		
		Details of any on site drainage structures, walls, surface protection, etc., shall be shown on the plans.		
		No drainage over retaining walls and sidewalks. Use concrete "trapezoidal" ditches, area drains, down drains or other approved drainage design.		
		Show ribbon gutters, catch basins and buried drain lines. Provide storm drain detail sheet as applicable		
		showing plan & profile (including WSE100 & HGL) views of primary storm drain systems. Show inver-		
		elevations for all catch basin and area drain locations. Call out WSE100 for all retention basins. No flow crossing property line.		
		Provide Continuous Deflection Separation unit or equal for golf cart wash down or equal nuisance flow.		
		Specify drain inlet sizes, PVC schedules and sizes and slopes for area drain lines. Show the centerline or		
		layout and provide a 6 inch minimum line size stub in to RCP primary drain.		
		Maximum HDPE bend/elbow size is 11.25 degrees for storm drains 12 inches or larger to provide equivalent curvilinear pipe.		
		Utilize appropriate drainage systems for application – e.g. ribbon gutters for small flows, gunnite trapezoida		
	_	ditches for large swales by buildings.		
	Ц	Check number of drywells against nuisance flow or retention basin draw down calculations. See City Engineering Bulletin 06-16. Drywells are specified at the La Quinta Village area as a standard nuisance flow device for all parcels.		

	Confirm adequate surface overflow route for sump inlets in case inlet is blocked. Storm drain standards in City Storm Drain Plan Review Checklist have been followed, as applicable.
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	Location of block walls and other structures are clearly shown. Show top of wall, ground, and top of footing elevations. Specify one course (6 to 8 inch) soil cover of footing as a minimum. All wall construction is by separate permit Show center line curve data table for streets – ensure proper tie in to existing street. Provide 1 ft minimum bench adjacent to walls where slopes exceed 3:1. Provide 42 inch railing with 4 inch ballister spacing (or equal) when drop off hazard exceeds 30 inches.
- EXC	ITILITIES - SEE PUBLIC WORKS PRIVATE OR PUBLIC WATER & SEWER CHECKLISTS FOR REQUIREMENTS EPTING SEPARATE SEWER AND WATER PLAN SHEETS, PROVIDE SCREENED BACK WATER AND SEWER IES ON PRECISE GRADING PLAN SET
TECHN	IICAL GUIDANCE & MISCELLANEOUS
Mi pla 0 0	UM/MAXIMUM GRADES nimum grades shall be as follows unless otherwise approved by the City Engineer, show grade percentages in notice of turf swales are 0.50%, minimum. Asphalt concrete pavement – 1.0% minimum. Portland cement concrete pavement – 1.0% minimum. Flow in PCC gutters – 0.5% minimum, increase gradient to 1.0% in cul-de-sac and curves as possible. 5% maximum slope in all general parking area and paths of pedestrian travel including ribbon gutter crossings. Driveways may be up to 10% if alternate ADA accessible routes are provided. Golf cart paths may be up to 15% maximum slope. Handicap stalls are 2% or less in all directions, including ribbon gutters if in the stall. 1.0% minimum sheet flow (concrete or AC surfaces) away from the building to a drive aisle or storm drain system. 2.0% minimum sheet flow (natural cover or equal surfaces) away from the building to a drive aisle or storm drain system. 5% maximum sheet flow in planter areas or Community Development Department approved equivalent erosion control method.
	DEVELOPMENTS All gated entries shall provide for a three-car minimum stacking capacity for inbound traffic to be a minimum length of 62 feet from call box to the street; and shall provide for a full turn-around outlet for non-accepted vehicles. Those passenger vehicles that do not gain entry into the development can safely make a full turn-around (minimum radius to be 24 feet) out onto the main street from the gated entry. Pursuant to said condition, there shall be a minimum of twenty five feet width provided at the turn-around opening provided. Two lanes of traffic shall be provided on the entry side of each gated entry, one lane shall be dedicated for residents, and one lane for visitors. The two travel lanes shall be a minimum of 20 feet of total paved roadway surface.
MEDIA	NS Show medians with dimensions at all entrances as applicable. Privately maintained medians shall not be located within the City R/W.
	LLANEOUS LEGENDING/FORMATING Join elevations and relationships to surrounding properties are shown. Confirm no excessive road grade breaks with short vertical curves. Show locations of all existing and proposed structures, buried tanks and wells. Show building footprint outline. Show any depressed or raised slab areas.

	Show roof overhang line. Show spot elevations on existing structures near property lines, such as walls, hedges, trees, buildings, etc. Show concrete stippling on PCC surfaces, and shading or other indicator on AC surfaces. Label planter areas as "PA" Include disposition notes for existing facilities. The term "by others" shall not be used but shall identify the other party. Include construction notes on each sheet with summary quantities on title sheet. Do not refer back to construction notes on the title sheet. Remove unused construction notes. Refer to City Standard Drawing No. if applicable to work. Provide specifications, notes, details or other approved Standard Drawing No. if different from City standard. Show existing, removal & new sections (as applicable) with varied shading. Show existing join & limit locations.
HORIZ	ONTAL CONTROL/BOUNDARY INFORMATION/ADA (OPTIONAL)
	ADA paths of travel (use bold dashed line on horizontal control sheet, typ.) North.arrow 4 inch bar scale – scale to be 1 inch = 40 ft or larger. Complete boundary information, including tract, parcel, APN and lot line boundaries and reference numbers. Define all property lines and building projections. Provide bearings and distances of boundaries and label or plan. Typical dimensions through parking lot stalls and drive aisles. Line and curve data for curbs. Dimension buildings from the property lines to the building corners. Dimension building setbacks and landscape setbacks. Sufficient horizontal and vertical control and data to stake improvements. Show and label parking lot stall and drive aisle striping, handicap striping, signing and other traffic control – utilize double stripe parking stall with 1 ft spacing.
	VERS Utilize Interlocking Concrete Pavement Institute specifications when improvements are with interlocking pavers, or current City of La Quinta Standards.
	S STOPS/SHELTERS Provide confirming correspondence from SunLine or School District on requirements.
	Building Department/CBC 1802.6 Foundation Soils Requirement addressed per June 16, 2008 Building Memo.
	IVE THRU LANE 14 ft knuckle, 12 ft lane provided.