Name of subdivision or other Development _____ _____ Date _____ Review by ___ Vicinity Map on Cover Sheet? ____1. ____2. Title Block? _____3. Engineers Stamp and Signature? ___ 4. Streets and Roads? Typical Sections?\ _ a. ____1) Pavement? ____ a) AC Class? _____b) Thickness? _____ c) Width? _____ d) Cross-slope? _____2) Aggregate Base? Grading (1" - 0, etc.)? ____ a) Thickness? _____ b) ___ 3) Turnpike? ____ a) Shoulder? ____(1) Width. Narrower around cul-de-sac? ____(2) Cross-slope? ____ b) Ditch? ____(1) Width to C.L.? ____(2) Entering slope? ____(3) Backslope? ____4) Curbs? ____a) Type? _____b) Height of Exposure? ____c) Aggregate base underneath? _____ d) Weep holes? 5) Sidewalks? Location (Curb line or property line)? ____ b) Width? Concrete? _____c)

	_ b.	Profil	es?
		_ 1)	Stationing and scales (vertical and horizontal)?
		_ 2)	Existing ground at centerline and right-of-way lines?
		_ 3)	Vertical Alignment?
			_ a) Grades: centerline for turnpike, top of curb for curbed section?
			(1) Maximum?
			(2) Minimum (Including cul-de-sac and curb returns) ?
			_ b) Vertical curves?
			(1) Minimum length?
			(2) Curve data (stations and elevations of PIVC, BVC, EVC) ?
c.	Plan	s?	
		_ 1)	North arrow, scale, street centerline, right-of-way lines, stationing, and street names?
		_ 2)	Horizontal alignment?
			_ a) Curves?
			(1) Minimum radii?
			(2) Maximum superelevation?
			(3) Superelevation runoff?
			(a) Minimum length?
			(b) Method of obtaining?
			(c) Shown on profile?
			(4) Curve data (radius, length, deflection angle, stations of P.C. and P.T)?
			(1) Entering sac?
			(2) Around sac?
			_ ,
			(1) Sight distances?
			(2) Angles?
			(3) Turnpike flare radii?
			(4) Curb returns?
			(a) Radii?
		2)	(b) Wheelchair/bicycle ramps? Slope easements required?
		_ ′	Traffic signs and barricades?
		_ 1/	_ a) Shown on plans?
			_ b) Note specifying that they are to be furnished and installed by
			Subdivider/developer/contractor?

5)	Note specifying that all utilities and utility laterals that will lie under the street must be placed
	prior to paving of street.
5. Drainage?	
	_ a. Drainage basins and receiving facility, swale, stream or body of water shown?
	_ b. Hydraulic calculations?
	1) Method applicable. Maximum area for rational formula?
	2) Parameters and assumptions?
	_ c. Detention system required?
	1) Hydraulic calculations (methods, parameters, assumptions) ?
	2) Storage basin capacity?
	3) Method of flow restriction?
	d. Existing stream or ditch to be piped? Maximum size?
	_ e. Provisions for draining adjacent property?
	f. Pipe?
	1) Diameter?
	2) Type (concrete) ?
	3) ASTM type and class?
	4) Rubber casket joints in roadway?
	5) Crushed rock trench backfill in roadway?
	g. Open channel?
	1) New open channels not allowed in UGB?
	2) Typical section?
	a) Width?
	b) Depth (also see profile) ?
	c) Side slopes?
	_ h. Profile?
	1) Existing ground surface?
	2) Finished grade of street, ground, etc.?
	3) Invert with elevations and slopes?
	4) Inlets, cleanouts and manholes?
	a) Location by station?
	b) Elevation of inverts and rims?
	5) Minimum or maximum cover over pipe?
	6) Maximum depth in open channel?

i	i.	Plan?	
		_ 1)	Alignment of pipe or ditch with ties to centerline, curb, right-of-way or property
			lines?
		2)	Location of inlets, cleanouts and manholes?
		3)	Curved pipelines?
			_a) Radius
			_ b) Maximum joint pull?
	₋ j.	Capa	city? Free flow (not under head) in pipes?
	_ k.	Veloc	eity?
		1)	Minimum for self cleaning?
		2)	Maximum?
			_ a) Thrust blocks on pipe?
			_ b) Rip Rap or lining in ditches?
	1.	Inlets	?
		1)	Type?
		2)	Type of grate?
		3)	Maximum spacing?
		4)	Maximum pipe size?
		5)	At all low points (including curb returns)?
		6)	Maximum depth of catch basins?
	m.	Clear	nouts/junction boxes and/or manholes?
		1)	Required at:
			_ a) Changes in alignment or grade?
			_ b) Lateral connections of lateral pipe > ½ diameter of main line?
			_ c) Changes in pipe size?
			_ d) Maximum cleaning intervals?
		2)	Manholes required because of pipe size and/or depth?
	_ n.	Outfa	alls: Rip or rap or structure to prevent erosion?
	0.	Confl	licts with sewers or other utilities?
	_ p.	Easer	ments over private property?
-		_ 1)	Minimum width?
		2)	Extra width required by pipe size, depth or special conditions?
		3)	Access to easement?