







		COVER SHEET				
Item No.		Provided By	Applicant	Not Required	Comments	City Staff Concurrence
0.01	Project Name					
0.02	Type of Project					
0.03	Plan Preparation Date (Month and Year)					
0.04	Sheet Index					
0.05	Location Map					
0.06	Consultant Engineer Company Name					
0.07	Consultant Engineer Address					
0.08	Consultant Engineer Phone Number					
0.09	Design Engineer's Seal or Preliminary Statement					
0.10	Developer Company Name					
0.11	Developer Address					
0.12	Developer Phone Number					
0.13	Developer Point of Contact Name					
		PLAT				
Item No.		Provided By	Applicant	Not Required	Comments	City Staff Concurrence
1.01	Approved Preliminary or Final Plat					
		GENERAL NOTES				
Item No.		Provided By	Applicant	Not Required	Comments	City Staff Concurrence
2.01	Design Engineer's Seal or Preliminary Statement					
2.02	City of Weatherford General Notes for Public Street and Right of Way					
2.03	City of Weatherford General Notes for Public Utility Improvements					
2.04	City of Weatherford General Notes for Erosion Control					
		DIMENSION CONTROL PLAN (COMMERCIAL DEVELOPMENTS)				
Item No.		Provided By	Applicant	Not Required	Comments	City Staff Concurrence
3.01	Design Engineer's Seal or Preliminary Statement					
3.02	North arrow					
3.03	Written scale					
3.04	Graphic scale					
3.05	Control points/benchmarks with labels identifying type, northing, easting and elevation (minimum of two per project, no further than 500 feet apart)					


3.06	Location of existing improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.			
3.07	Existing and proposed property boundaries			
3.08	Existing and proposed lot and block numbers			
3.09	Existing and proposed easements			
3.10	Proposed improvements (i.e. building footprint, parking stalls, drive aisles, curbs, sidewalks, drive approaches, utilities, etc.) with dimensions indicated.			


Item No.		GRADING		Comments	City Staff Concurrence
		Provided By Applicant	Not Required		
4.01	Design Engineer's Seal or Preliminary Statement				
4.02	North arrow				
4.03	Written scale				
4.04	Graphic scale				
4.05	Control points/benchmarks with labels identifying type, northing, easting and elevation (minimum of two per project, no further than 500 feet apart)				
4.06	Location of existing improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.				
4.07	Existing and proposed property boundaries				
4.08	Existing and proposed lot and block numbers				
4.09	Existing and proposed easements				
4.10	Existing contours as dashed, lighter weight lines				
4.11	Proposed contours				
4.12	Proposed finished pad elevations				
4.13	Existing and proposed storm drainage structures				
4.14	Proposed elevations of storm drain inlets tops				
4.15	Retaining walls with top of wall and bottom of wall elevations				
4.16	Structural design prepared by a professional engineer licensed in the State of Texas for retaining walls that will support a surcharge load and/or retaining walls greater than 4' in height, as measured from the bottom of the footer to the top of the wall.				
4.17	Limits of 100 year floodplain, wetlands and waters of the U.S.				

Item No.		STREET IMPROVEMENTS		Comments	City Staff Concurrence
		Provided By Applicant	Not Required		
5.01	<i>PLAN</i>				
5.02	Design Engineer's Seal or Preliminary Statement				
5.03	North arrow				


5.04	Written scale			
5.05	Graphic scale			
5.06	Control points/benchmarks with labels identifying type, northing, easting and elevation (minimum of two per project, no further than 500 feet apart)			
5.07	Existing and proposed property boundaries			
5.08	Existing and proposed lot and block numbers			
5.09	Existing and proposed easements			
5.10	Location of existing improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.			
5.11	Labels identifying street names			
5.12	Proposed right of way limits with labels identifying the width			
5.13	Proposed sidewalk paving limits with labels identifying the width			
5.14	Proposed street paving limits with labels identifying the width			
5.15	Street centerline with station labels (negative stations shall be avoided) at 100-foot intervals			
5.16	Labels identifying the angle of street centerline intersections			
5.17	Centerline labels identifying station, northing and easting of beginning, end, points of curvature (PC), points of tangency (PT), points of reverse curvature (PRC), points of compound curvature (PCC), points of intersection (PI), bearings and distances of straight segments, and length of radii, arch length, chord bearings and chord distances of curved segments			
5.18	Labels identifying centerline station, offset from centerline, elevation, northing and easting of points of curvature (PC), points of reverse curvature (PRC), points of intersection (PI) and lengths of radii for locations of the back of curb or edge of pavement			
5.19	Station equations at street centerline intersections			
5.20	Labels identifying the station, offset and top of curb elevations of curb inlets			
5.21	Valley gutters with flow direction identified			
5.22	Arrows indentifying direction of flow at street intersections			
5.23	Handicap ramps			
5.24	Existing and proposed storm drainage structures			
5.25	Barricades at dead end streets			
5.26	PROFILE			
5.27	Written scale (horizontal and vertical, horizontal scale shall be consistent with plan)			
5.28	Existing and proposed utilities			
5.29	Station labels (negative stations shall be avoided)			
5.30	Profile identifying the elevation of top of curb (if curbs are not required, profile shall identify elevation of edge of pavement)			
5.31	Profiles of exsiting conditions at street centerline and the right and left right of way lines with appropriate labels			


5.32	Profile labels identifying slopes of all street grades				
5.33	Profile labels identifying station and elevation of points of vertical curvature (PVC), points of vertical tangency (PVT), points of reverse vertical curvature (PRVC), points of compound vertical curvature (PCVC), and points of vertical intersection (PVI)				
5.34	Profile labels identifying vertical curve information including PVI station and elevation, low or high point station and elevation, curve lengths and K values				
5.35	Profile labels identifying station and elevation of the PI and PC of right and left curb returns				
5.36	Labels identifying top of curb elevations at intervals of fifty feet				

PAVING PLAN (FOR COMMERCIAL DEVELOPMENTS)					
Item No.		Provided By		Comments	City Staff Concurrence
		Applicant	Not Required		
6.01	Design Engineer's Seal or Preliminary Statement				
6.02	North arrow				
6.03	Written scale				
6.04	Graphic scale				
6.05	Control points/benchmarks with labels identifying type, northing, easting and elevation (minimum of two per project, no further than 500 feet apart)				
6.06	Existing and proposed property boundaries				
6.07	Location of existing improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.				
6.08	Proposed pavement limits for parking areas, drive aisles, drive approaches, sidewalks with pavement materials indicated				
6.09	Proposed methods of controlling traffic (i.e. curbs, wheel stops, etc.)				




EXISTING DRAINAGE AREA MAP					
Item No.		Provided By		Comments	City Staff Concurrence
		Applicant	Not Required		
7.01	Design Engineer's Seal or Preliminary Statement				
7.02	North arrow				
7.03	Written scale				
7.04	Graphic scale				
7.05	Control points/benchmarks with labels identifying type, northing, easting and elevation (minimum of two per project, no further than 500 feet apart)				
7.06	Existing property boundaries				


7.07	Location of existing improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.			
7.08	Existing contours as dashed, lighter weight lines			
7.09	Labels identifying street names			
7.10	Existing drainage areas			
7.11	Labels identifying name and area (acres) of drainage areas			
7.12	Existing hydrologic calculations for each drainage area			

Item No.		PROPOSED DRAINAGE AREA MAP		Comments	City Staff Concurrence
		Provided By Applicant	Not Required		
8.01	Design Engineer's Seal or Preliminary Statement				
8.02	North arrow				
8.03	Written scale				
8.04	Graphic scale				
8.05	Control points/benchmarks with labels identifying type, northing, easting and elevation (minimum of two per project, no further than 500 feet apart)				
8.06	Existing and proposed property boundaries				
8.07	Existing and proposed lot and block numbers				
8.08	Location of existing improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.				
8.09	Existing contours as dashed, lighter weight lines				
8.10	Proposed contours				
8.11	Proposed streets				
8.12	Labels identifying street names				
8.13	Proposed drainage areas				
8.14	Labels identifying name and area (acres) of drainage areas				
8.15	Proposed hydrologic calculations for each drainage area				
8.16	Proposed drainage structures				



Item No.		DRAINAGE IMPROVEMENTS		Comments	City Staff Concurrence
		Provided By Applicant	Not Required		
9.01	<i>PLAN</i>				
9.02	Design Engineer's Seal or Preliminary Statement				
9.03	North arrow				
9.04	Written scale				
9.05	Graphic scale				
9.06	Control points/benchmarks with labels identifying type, northing, easting and elevation (minimum of two per project, no further than 500 feet apart)				

9.07	Existing and proposed property boundaries			
9.08	Existing and proposed lot and block numbers			
9.09	Existing and proposed easements			
9.10	Location of existing improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.			
9.11	Location of proposed improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.			
9.12	Labels identifying street names			
9.13	Labels differentiating storm drains (Storm Drain A, Storm Drain B, etc.)			
9.14	Centerline of storm drains with station labels (negative stations shall be avoided) at 100-foot intervals			
9.15	Centerline labels identifying station, northing and easting of beginning, end, points of curvature (PC), points of tangency (PT), points of reverse curvature (PRC), points of compound curvature (PCC), points of intersection (PI), bearings and distances of straight segments, and length of radii, arch length, chord bearings and chord distances of curved segments			
9.16	Labels identifying centerline station, offset from centerline, type, northing and easting of structures			
9.17	Labels identifying pipe size and material			
9.18	Station equations at centerline intersections			
9.19	PROFILE			
9.20	Written scale (horizontal and vertical, horizontal scale shall be consistent with plan)			
9.21	Existing and proposed utilities			
9.22	Station labels (negative stations shall be avoided)			
9.23	Profile of the storm drain pipe and structures			
9.24	Profiles of ground at the storm drain centerline			
9.25	Profile labels identifying station and elevation of points of vertical curvature (PVC), points of vertical tangency (PVT), points of reverse vertical curvature (PRVC), points of compound vertical curvature (PCVC), and points of vertical intersection (PVI)			
9.26	Profile labels identifying pipe size and material			
9.27	Profile labels identifying design flow (cfs), velocity (f/s), and flow capacity (cfs)			
9.28	Profile labels identifying the vertical distances between the proposed pipes and existing utilities.			
9.29	Limits and labels for encasement material, as necessary			
9.30	Design hydraulic grade line			
9.31	Labels identifying flow line elevations at intervals of fifty feet			

		DRAINAGE CALCULATIONS			
Item No.		Provided By	Not Provided	Comments	City Staff Concurrence
		Applicant	Required		
10.01	Design Engineer's Seal or Preliminary Statement				
10.02	Street capacity calculations				
10.03	Inlet capacity calculations for appropriate design storm events				
10.04	Calculations for each storm drain section that include flow rate, velocity, friction slope, hydraulic grade line elevations, minor headlosses, etc.				
		STORM WATER STORAGE FACILITIES			
Item No.		Provided By	Not Provided	Comments	City Staff Concurrence
		Applicant	Required		
11.01	Design Engineer's Seal or Preliminary Statement				
11.02	Calculations determining the required storage				
11.03	Stage-storage curve				
11.04	Outlet flow calculations				
11.05	Outlet and outfall detail				
11.06	Emergency spillway design				
11.07	Plan showing grading of detention pond				
11.08	Documentation of water surface elevations				
		WATER IMPROVEMENTS			
Item No.		Provided By	Not Provided	Comments	City Staff Concurrence
		Applicant	Required		
12	PLAN				
12.02	Design Engineer's Seal or Preliminary Statement				
12.03	North arrow				
12.04	Written scale				
12.05	Graphic scale				
12.06	Control points/benchmarks with labels identifying type, northing, easting and elevation (minimum of two per project, no further than 500 feet apart)				
12.07	Existing and proposed property boundaries				
12.08	Existing and proposed lot and block numbers				
12.09	Existing and proposed easements				
12.10	Location of existing improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.				
12.11	Location of proposed improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.				
12.12	Labels identifying street names				

12.13	Labels differentiating water lines (Water Line A, Water Line B, etc.)				
12.14	Water pipe centerline with station labels (negative stations shall be avoided) at 100-foot intervals				
12.15	Centerline labels identifying station, northing and easting of beginning, end, points of curvature (PC), points of tangency (PT), points of reverse curvature (PRC), points of compound curvature (PCC), points of intersection (PI), bearings and distances of straight segments, and length of radii, arch length, chord bearings and chord distances of curved segments				
12.16	Labels identifying centerline station, offset from centerline, type, northing and easting of structures and appurtenances				
12.17	Station equations at centerline intersections				
12.18	PROFILE (12" and larger)				
12.19	Written scale (horizontal and vertical, horizontal scale shall be consistent with plan)				
12.20	Existing and proposed utilities including storm drains				
12.21	Station labels (negative stations shall be avoided)				
12.22	Profile of the water pipe and appertanances				
12.23	Existing and proposed profile of ground at the water pipe centerline				
12.24	Profile labels identifying station and elevation of points of vertical curvature (PVC), points of vertical tangency (PVT), points of reverse vertical curvature (PRVC), points of compound vertical curvature (PCVC), and points of vertical intersection (PVI). Elevations shall indicate top of pipe.				
12.25	Profile labels identifying pipe size, material and slope				
12.26	Labels indentifying top of pipe elevations at intervals of fifty feet				
12.27	Profile labels identifying the vertical distances between the proposed pipes and existing utilities.				
12.28	Limits and labels for encasement material, as necessary				
	WASTEWATER IMPROVEMENTS				
Item No.		Provided By Applicant	Not Required	Comments	City Staff Concurrence
13.01	PLAN				
13.02	Design Engineer's Seal or Preliminary Statement				
13.03	North arrow				
13.04	Written scale				
13.05	Graphic scale				
13.06	Control points/benchmarks with labels identifying type, northing, easting and elevation (minimum of two per project, no further than 500 feet apart)				
13.07	Existing and proposed property boundaries				
13.08	Existing and proposed lot and block numbers				
13.09	Existing and proposed easements				

13.10	Location of existing improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.			
13.11	Location of proposed improvements: Curb and gutter, pavement, sidewalks and driveways, storm sewers, inlets, manholes, culverts, streetlight and traffic equipment, fences, utility lines and structures, water meters, power poles and guy wires, etc.			
13.12	Labels identifying street names			
13.13	Labels differentiating wastewater lines (Wastewater Line A, Wastewater Line B, etc.)			
13.14	Wastewater centerline with station labels (negative stations shall be avoided) at 100-foot intervals			
13.15	Centerline labels identifying station, northing and easting of beginning, end, points of curvature (PC), points of tangency (PT), points of reverse curvature (PRC), points of compound curvature (PCC), points of intersection (PI), bearings and distances of straight segments, and length of radii, arch length, chord bearings and chord distances of curved segments			
13.16	Labels identifying centerline station, offset from centerline, type, northing and easting of structures and appurtenances			
13.17	Station equations at centerline intersections			
13.18	Pressure system design (if necessary)			
13.19	Lift station design (if necessary)			
13.20	PROFILE			
13.21	Written scale (horizontal and vertical, horizontal scale shall be consistent with plan)			
13.22	Existing and proposed utilities including storm drains			
13.23	Station labels (negative stations shall be avoided)			
13.24	Profile of the wastewater pipe and structures			
13.25	Profiles of existing and proposed ground at the wastewater pipe centerline			
13.26	Profile labels identifying station and elevation of points of vertical curvature (PVC), points of vertical tangency (PVT), points of reverse vertical curvature (PRVC), points of compound vertical curvature (PCVC), and points of vertical intersection (PVI). Elevations shall indicate flow line of pipe			
13.27	Profile labels identifying pipe size and material			
13.28	Profile labels identifying design flow (cfs), velocity (f/s), and flow capacity (cfs)			
13.29	Labels indentifying flow line elevations at intervals of fifty feet			
13.30	Profile labels identifying the vertical distances between the proposed pipes and existing utilities.			
13.31	Limits and labels for encasement material, as necessary			

		EROSION CONTROL PLAN			
Item No.		Provided By	Not Required	Comments	City Staff Concurrence
		Applicant			
14.01	Design Engineer's Seal or Preliminary Statement				
14.02	North arrow				
14	Written scale				
14	Graphic scale				
14.1	Control points/benchmarks with labels identifying type, northing, easting and elevation (minimum of two per project, no further than 500 feet apart)				
14.1	Existing and proposed property boundaries				
14.1	Proposed location of construction exit/entrance				
14.1	Proposed location and type of sediment barriers				
14.1	Additional erosion control measures as necessary				
		STANDARD CONSTRUCTION DETAILS			
Item No.		Provided By	Not Required	Comments	City Staff Concurrence
		Applicant			
15	All applicable City details				
15	Additional details necessary for construction				