



## AS-BUILT DIGITAL SUBMITTAL STANDARDS

The City of Westminster requires that as a part of the development approval process, the applicant submits digital files of built improvements as As-Built plans. These files will be reviewed and translated into the city's GIS database.

All projects shall be submitted in a digital format, either AutoCAD DXF or DWG, ESRI GIS shapefile or file geodatabase version 10.3 or above. AutoCAD version 2013 or greater is required. The files should be transmitted on CD, FTP or, if less than 15 Mb, through e-mail.

The entire project will be displayed on one sheet in the city's coordinate system (Colorado State Plane North Zone, NAD 1983 and North American Vertical Datum of 1988 - NAVD88, feet). All layers and control for the project must be aligned with the city's quarter section bearings. [View the survey control documentation.](#)

The files submitted in AutoCAD DXF or DWG file formats must adhere to the following naming conventions. Other project components should not be included with this submittal.

### LAYERS FOR PROPOSED/NEW FEATURES in a CAD file

NO	LAYER DESCRIPTION	FEATURE TYPE	LAYER NAME	TEXT
1	BUILDING FOOTPRINTS	LINE	P-BLDG	None
2	LOT/PARCEL LINES	LINE	P-LOTLINE	None
3	PROJECT BOUNDARY	LINE	P-BOUNDARY	Project Name
4	STREET CENTERLINES	LINE	P-STREET-CL	Street Dir - Street Name - Street Type
5	EDGE OF PAVEMENT	LINE	P-EOP	Pavement Type
6	SURVEYED MONUMENT PTS	POINT	P-MNMT	T-R-S-Quarter
7	PARKING LOTS	LINE	P-PARKLOT	None

8	SANITARY SEWER LINES	LINE	P-SAN-LN	Material - Size
9	SANITARY SEWER SERVICE LINES	LINE	P-SANSRV-LN	Material - Size
10	SANITARY SEWER MANHOLE	POINT	P-SAN-MH	Depth
11	CLEANOUTS	POINT	P-SAN-CO	None
12	SANITARY SEWER OTHER	POINT	P-SAN-MH	Type
13	STORM SEWER LINES	LINE	P-STM-LINE	Material - Size - Slope
14	STORM SEWER INLETS	POINT	P-STM-INLET	Type - Size
15	STORM MANHOLE	POINT	P-STM-MH	Depth
16	STORM OUTLET	POINT	P-STM-OUTLET	Outlet Type
17	OTHER STORM	POINT	P-STM-PT	Storm Point Type
18	WATER LINES	LINE	P-W-LINE	Material - Size - Depth
18	WATER SERVICE LINES	LINE	P-WS-LINE	Material - Size - Depth
19	WATER VALVE	POINT	P-WV	Water Valve Type
20	FIRE HYDRANT	POINT	P-W-FH	Manufacturer
21	FIRE HYDRANT VALVE	POINT	P-W-FH-VALVE	TYPE
22	RAW WATER LINES	LINE	P-RAW-LN	Material -Size - Depth
23	RAW WATER VALVE	POINT	P-RAW-PT	Type
24	RAW WATER PUMP	POINT	P-RAWP-PT	Type

25	RAW WATER OTHER	POINT	P-RAWO-PT	Type
26	RECLAIMED WATER LINES	LINE	P-RECLAIM-LN	Material - Size
27	RECLAIMED WATER VALVE	POINT	P-RECLAIM-PT	Type
28	RECLAIMED WATER OTHER	POINT	P-RECLAIMO- PT	Type
29	IRRIGATED AREAS	POLYGON	IRRAREA	None
30	DETENTION AND RETENTION AREAS	POLYGON	DET-POLY	Type

For additional information, please contact Dave Murray, GIS coordinator, at 303-658-2140 or [dmurray@cityofwestminster.us](mailto:dmurray@cityofwestminster.us).