



WATER and SEWER PLAN REVIEW CHECKLIST

Project Name: _____

Tax Map _____ Parcel _____ Acreage _____ Plat _____ ADC Map & Grid _____

Owner's Name: _____

Contract Purchaser's Name: _____

Address	City/Town	State	Zip Code
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Engineer/Surveyor: _____

For additional contact: _____

Name: _____

The following listed items are the minimum requirements for review and approval of Water and Sewer Plans by City of Aberdeen Department of Public Works. Plans not meeting these requirements will be deemed incomplete and returned to the engineer. Please complete and submit the checklist with the plan submittal.

CO/NA

- /___ 1. Water and Sewer checklist
- /___ 2. Water and Sewer Engineering Plans (36"x24")

3. Title Sheet

- /___ a. Location Map drawn to scale (1' = 600 feet) Map to indicate Tax Map and Parcel Number, bench marks, existing and proposed roads
- /___ b. City General Notes
- /___ c. Owner/Developer and Engineer Certifications
- /___ d. Geotechnical Certification and As-built Certification Blocks
- /___ e. Owner and Engineer's address

4. Water and Sewer Plan View

- /___ a. Water and Sewer lines shown boldly on plan with manholes, valves, bends, etc. stationed to center line of road and distances right or left. If outside road right-of-way, provide North and East coordinates.
- /___ b. Ghost in proposed storm drain system & existing municipal utilities
- /___ c. Roadway and right-of-way, and residential or commercial lots clearly defined
- /___ d. Show all drainage and utility easements

- e. A minimum of three (3) NAD 83m x, y coordinates
- f. Location of proposed driveways
- g. Location of water and sewer connections
- h. Location of meter vault (commercial only)

5. **Water and Sewer Profiles**

- a. Existing and proposed grades
- b. Diameter of pipe
- c. Pipe material specifications
- d. Pipe slope
- e. Show all pipe crossings
- f. Structures (manholes, bends, valves, etc.) clearly labeled to match plan view
- g. Invert elevations (for waterlines invert elevations shown minimum 50' intervals)
- h. Water and sewer structure schedule
- i. Show top frame/cover elevations and top valve elevations, fire hydrant bury elevations

6. **Structural Details and Specifications**

7. **Sanitary Pump Stations, Water Booster Pumps and Water Towers Plan View**

- a. Location of proposed pump station, tank, electrical cabinets, generators or booster pump and property lines of the lot with bearings and distances
- b. Water/Sewer mains shown boldly on plans with manholes, valves, bends, vaults clearly shown on plans with dimensions and N and E coordinates
- c. Ghost in proposed storm drain system and existing water and sewer lines
- d. Show maintenance access road properly dimensioned and paving details
- e. Show all necessary drainage and utility easements
- f. Plan view must have a minimum of three (3) NAD 83m x,y coordinates

8. **Sanitary Pump Stations, Water Booster Pumps and Water Towers Profiles**

- a. Existing and proposed grades
- b. Location of motors, pumps, electrical cabinets, etc.
- c. Elevations for all wetwell, vaults, etc.
- d. Performance Curves
- e. Diameter of all pipes
- f. Pipe material specifications
- g. Concrete vault specifications
- h. Pipe slopes and crossings
- i. Structures (manholes, valves, bends, etc.) clearly labeled to match Plan View
- j. Invert elevations
- k. Show top of valves, frame/covers elevations

9. **Design Computations, Specifications and Details**

WATER SERVICE CHART

Lot Number		EL @ Top Curb Stop	CL Road Station	(Min. if Appl.) Max PSI @ Top Curb Stop	Type of Service
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*MAX.	*MIN.
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ROAD NAME					

ROAD NAME					

ROAD NAME					

ROAD NAME					

ROAD NAME					

ROAD NAME					

SANITARY SEWER CHART

Lot Number	Station Main	Invert Main	Invert & Station 1/8 Bend DHC	Length of Service	Slope of Service	Invert @ESM't or Prop. Line	Top of Cleanout
				*MAX.	*MIN.		

		SMH # to SMH #			

		SMH # to SMH #			

		SMH # to SMH #			

		SMH # to SMH #			

		SMH # to SMH #			