



LINCOLN
Transportation and Utilities

Waste Water System

PCA / EO Plans

SUBMITTAL DATE:

PROJECT NAME:

DESIGN FIRM / DESIGNER:

PROJECT NUMBER:

City of Lincoln Design Standards supersede
this check list.

WORK COMPLETED

Easements (Permanent; Public)

YES

NO

NA

SUBMITTER OR DESIGNER COMMENTS

30 ft required for all public sanitary sewers not located within the public street right-of-way

Private roadway shall be the roadway width, area between roadway and main, plus additional 15 ft from main towards ROW limits

15 ft horizontal clearance when sanitary sewer is located near structures.

Dimensions and Angles shown (*show +3 deg. bends w/ amount and count*)

Main Size and Horizontal Location

YES

NO

NA

SUBMITTER OR DESIGNER COMMENTS

Sized appropriately (*minimum size = 8"; see design standards chapter 2, section 3*)

Parallel to roadway centerline and generally installed along south or west side of roadway

Placement outside of road bed and 7 ft. from back of curb

10 ft offset from parallel water mains

Manholes

YES

NO

NA

SUBMITTER OR DESIGNER COMMENTS

Required at intersections of sanitary sewer pipes, change in pipe diameter, when there is a significant change in slop or direction, and at maximum spacing of 600 ft; Curvature 400 ft around

No locations interference with curb line.

Drop manhole(s) used when invert elevation differences are greater than 2.5 feet				
<u>Services shown to each platted lot (table of information)</u>	YES	NO	NA	SUBMITTER OR DESIGNER COMMENTS
Abutting to sanitary sewer is to have 20 ft minimum of frontage on the main <i>(New Development)</i>				
Location of wye on sanitary sewer checked				
Flow line of main sewer at wye checked				
Flow line of service at wye checked <i>(1 foot above flow line of main sewer)</i>				
Flow line of service at lot line checked				
Length of service checked				
Location of service at lot line shown <i>(dimension from lot line if not centered in lot)</i>				
<u>Profile Requirements</u>	YES	NO	NA	SUBMITTER OR DESIGNER COMMENTS
Minimum slopes and maximum slopes meet Design Standards				
Minimum cover range 9 ft to 11 ft <i>(maximum depth = 15 feet)</i>				
Minimum separation between sewer line and other utilities <i>(minimum 1.5 ft from outside sewer pipe to outside water main pipe)</i>				
Hydraulic grade line checked				
<u>Misc Notes</u>	YES	NO	NA	SUBMITTER OR DESIGNER COMMENTS
Meeting with Wastewater to discuss possible system improvements, capacity, by-pass pumping plan, etc. If necessary				