BES CAD CHECKLIST

CAD PEER Reviewer: _____   Date: _____

30%	60%-90%	N/A	**COVER and GENERAL SHEET(S):**
☐	☐	---	Vicinity Map (project site, major streets, north arrow)
☐	☐	---	Project Area Map
☐	☐	---	Sheet Index
☐	☐	---	Legend
☐	☐	---	One Call (Dig Safely) Notice
☐	☐	---	Title Block and information (All Sheets)
☐	☐	---	City of Portland Datum and NAD 1983-91 (Cover sheet)
---	☐	---	General Notes
---	☐	---	Construction Notes
---	☐	---	Design Criteria and Assumptions

PLAN SHEETS / PLAN AND PROFILE SHEET(S):
Plan View:

30%	60%-90%	N/A	
☐	☐	---	Existing sewer mains (size and material)
☐	☐	---	Existing sewer laterals
☐	☐	---	Existing underground and overhead utilities (type, size, material if known)
☐	☐	---	Existing inlets / catch basins and inlet leads
☐	☐	☐	Existing contours from survey (if applicable)
☐	☐	☐	Survey incorporated into base map (not required for CIPP only projects)
☐	☐	---	Base map surface features (curbs, sidewalks, buildings, topo, fences, etc.)
☐	☐	☐	Ordinary high water and/or wetland boundaries
☐	☐	☐	Environmental and Exclusion Zone boundaries
☐	☐	---	Street names, R.O.W., property lines and street addresses
☐	☐	☐	Proposed sewer main (size, type, length)
☐	☐	☐	Proposed stream/creek alignment
☐	☐	☐	Proposed final surface (contours and spot elevations)
☐	☐	☐	Proposed horizontal stormwater facility layout (size, type and flow direction)
---	☐	☐	Proposed stormwater facility horizontal and vertical information
---	☐	☐	Proposed laterals
---	☐	☐	Proposed inlets and inlet leads
☐	☐	☐	Alignment and stationing for sewer main or stream/creek restoration
☐	☐	---	North arrow, scale bar
---	☐	---	Construction Notes

Profile View (if applicable):

30%	60%-90%	N/A	
☐	☐	---	Profile grid with stations and elevations
☐	☐	---	Street names
☐	☐	---	Profile scale callout; horizontal and vertical scales
☐	☐	---	Existing and/or finish grade lines and text callout(s)
☐	☐	☐	Existing manhole's w/ Hansen node numbers, rim elevations and invert elevations
☐	☐	☐	Existing sewer mains (size and material)
---	☐	☐	Existing underground utilities crossing main (type and size)
☐	☐	☐	Proposed sewer main (size, slope, material and length)
☐	☐	☐	Proposed stream/creek grade (slope and geometry)
☐	☐	☐	Proposed manhole's w/ numbering, rim elevations and invert elevations
---	☐	☐	Proposed pipe classification, bedding type and construction method

DETAIL, EROSION CONTROL, CONSTRUCTION STAGING SHEET(S):

30%	60%-90%	N/A	
---	☐	☐	Construction details and sections
---	☐	☐	Stormwater facility and stream/creek details and sections
---	☐	☐	Erosion control plan, construction notes and details
---	☐	☐	Construction staging plan and notes