

As-Built Checklist

(To be used as a guide only and not all inclusive of design requirements)

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General Requirements ☐ Title block to include engineer's name, address, telephone number. Date of as-built submittal, previous, and following revision dates. Each as-built sheet must be sealed and signed by a N.C. licensed surveyor – does not include sheets of UC specifications (standard details) Each as-built sheet must be signed and sealed by a N.C. licensed engineer. All sheets must contain all approved plan information, proposed text is to be struck out with original plan text still legiable. Place as-built text in red next to approved plan location. Only as-built text should be red, do not show linework as red. □ Water and sewer services are to be within R/W or easement. If not, no additional easement will be given and services will have to be moved. Partial as-builts are to match constrction drawings and recorded plat. Provide digital data. Provide two sets of hardcopies. Include detail sheets. Cover Sheet Requirements Provide final project name. Reference plat map for partials, not construction phase. Add water and sewer permit numbers to the cover sheet. In table format provide the following. Recorded plat cabinet and file no. Easement deed book and page number **Overall Sheet Requirements** Provide final street name(s), property lines, easements, and lot numbers. Provide public water and sewer material summary in a table format. Sewer pipe material and length Manhole quantity Lateral quantity separating size and type (domestic or commercial) Water Main material and length Water meter quantity separating size and type (domestic or irrigation) Valve quantity Fire line quantity and size Fire hydrant quantity **Detailed Sheet Requirements** Indicate all pipe and utility crossings from approved plans Include vertical and horizontal separation distance, depth of cover, and pipe material if different from approved plan profiles or call-outs. Show any trees, light poles, and/or cluster mail boxes (if not installed, show approved plan locations, but separations apply).



Label recorded offsite easement with deed book and page number.

	_	atement shall appear gistration number: П	on all as-builts and shall be si	igned by the engineer
accor	dance with the a	approved construction	r utilities, as shown, have been drawings and specifications bserved the construction (full	s and are, to the best of
Eng	gineer	Date	Registration Number	
Wate	Back of Curb of On main line, st continue. Only Provide "blow-u Tie-down locati and location of and fire hydran Re-draw profile	down locations of all frset). ationing to start (0+00 restart station for chaup" details on valve clon of water service teservices (Station and ts. If the service is not and/or plan water materials.	rmination points (meter boxe offset). Offset examples are part of a water main extensical ain and its appurtenances if t	frastructure and another street). s), give size of service BOC, EOP, water main on provide two offests.
C	-	.5ft vertically from the	approved plans.	
Sewe	er Requireme	ents		
			and manholes (rim, invert ele	vations, metes and
		all sewer mains to con	tain metes and bounds. If be medge of main to edge of e	
			epeated from profile in plan-v	
	•	•	Length to be shown in both	•
			manhole and show distance	
		of the service cleano I and provide offset.	out. If cleanout comes from a	manhole, station the
	Re-draw profile	•	ains and MHs if the length val	ries by 5ft horizontally or



Pump Station Requirements

Provide asbuilts elevations of influent line invert, bottom of wet-well, top slab, pump off,
pump on, lead, lag, both pumps on, high water alarm, etc.
Copy of final shop drawings for all equipment
Final O&M manuals (3 copies) 3-ring binder bound
Training (minimum two 4-hour training sessions per piece of equipment to occur between
8:00 a.m. to 5:00 p.m., Monday through Friday)
Training schedule (2 weeks prior to training session)
Start-up schedule (2 weeks prior to startup)
Start up report.

- o Drawdown (provide gauge pressure reading for each pump at draw down).
- Provide a sign in sheet (required attendence UCW inspector, UCW operations staff, engineer of record or their representative.
- Each person in attendance will need to state whether the station is acceptable or provide punchlist.

Forcemain Requirements

□ Station all bends, air release valves, dummy valves, etc. in plan and profile.

