



Record Drawing (As-Built) Checklist for Road, Grading, Clearing (Land Disturbing Activity) and Drainage Construction Plans

Project File Number (PFN): _____

Project Name: _____

Final record drawing mylars will be required on projects that dedicate public road right-of-way such as plats with new internal roads. Projects that create new private roads or improve existing public road frontage do not submit final record drawing mylars such as short plats, LDMRs or commercial projects.

EDDS 10-05 Engineering Record Drawings

- _____ 1. Record drawing information shall be shown on a paper copy of the original approved construction plans. (See note 1 on page 2)
- _____ 2. A clear method shall be used to show record information such as redline or cross out and show new data.
- _____ 3. Record drawings shall reflect the same degree of detail as the original plan drawings and shall include:
- _____ 4. Road centerline profiles and slopes, vertical and horizontal curves and road widths.
- _____ 5. Curb ramp locations.
- _____ 6. All storm drainage pipe slopes.
- _____ 7. All catch basins and manhole inverts and rim elevations.
- _____ 8. All detention pond elements including elevations of overflow structures, bottom of ponds elevations and elevations every 25' on top and toe of berms
- _____ 9. Control structure elements including size and elevation of all orifices and standpipes.
- _____ 10. Elevation of dispersion trenches.
- _____ 11. Finished grade spot elevations or new contours.

Drainage and Grading

For Projects Vested Prior to September 30, 2010 (See SCC 30.63A.180 and SCC 30.63B.230)

- _____ 12. Record drawing plans stamped and seal signed by the engineer or surveyor.
- _____ 13. When a geotechnical report is required for the project design. A final geotechnical prepared by the soils engineer or engineering geologist stating to the best of their knowledge, the work within their area of responsibility is in accordance with the approved engineering geotechnical report.
- _____ 14. Copies of all field density tests.
- _____ 15. Record drawing final storm water detention summary located on the plan sheet showing the detention performance table.

DETENTION SUMMARY CHART

STORM EVENT	LIVE STORAGE VOLUME (cf)			DEAD STORAGE VOLUME			RELEASE RATE (cfs)		
	REQUIR ED	DESIG NED	AS-BUILT	REQUI RED	DESIG NED	AS-BUILT	REQUI RED	DESIG NED	AS-BUILT
2 (1/2)									
10									
100									

LOTS THAT FLOW TO DETENTION FACILITY _____

DESIGNED IMPERVIOUS AREA FOR LOT DEVELOPMENT _____ SQFT/LOT

For Projects Vested on or after September 30, 2010 (See SCC 30.63A.865 and SCC 30.63B.360)

- _____ 12. Record drawing plans stamped and seal signed by the engineer or surveyor.
- _____ 13. When a geotechnical report is required for the project design. A final geotechnical prepared by the soils engineer or engineering geologist stating to the best of their knowledge, the work within their area of responsibility is in accordance with the approved engineering geotechnical report.
- _____ 14. Copies of all field density tests.
- _____ 15. Record drawing final storm water detention summary located on the plan sheet showing the detention performance table.

DETENTION SUMMARY CHART

STORM EVENT	LIVE STORAGE VOLUME (cf)			DEAD STORAGE VOLUME			RELEASE RATE (cfs)		
	REQUIRED	DESIGNED	AS-BUILT	REQUIRED	DESIGNED	AS-BUILT	REQUIRED	DESIGNED	AS-BUILT
2									
50									

LOTS THAT FLOW TO DETENTION FACILITY _____

DESIGNED IMPERVIOUS AREA FOR LOT DEVELOPMENT _____ SQFT/LOT

For Projects Vested on or after January 22, 2016 (See SCC 30.63A.865 and SCC 30.63B.360)

- _____ 12. Record drawing plans stamped and seal signed by the engineer or surveyor.
- _____ 13. When a geotechnical report is required for the project design. A final geotechnical prepared by the soils engineer or engineering geologist stating to the best of their knowledge, the work within their area of responsibility is in accordance with the approved engineering geotechnical report.
- _____ 14. Copies of all field density tests.
- _____ 15. Record drawing final storm water detention summary located on the plan sheet

showing the detention performance table.

DETENTION SUMMARY CHART

STORM EVENT	LIVE STORAGE VOLUME (cf)			DEAD STORAGE VOLUME			RELEASE RATE (cfs)		
	REQUIRED	DESIGNED	AS-BUILT	REQUIRED	DESIGNED	AS-BUILT	REQUIRED	DESIGNED	AS-BUILT
2									
50									

LOTS THAT FLOW TO DETENTION FACILITY

DESIGNED IMPERVIOUS AREA FOR LOT DEVELOPMENT _____ SQFT/LOT

_____ 16. Summary chart of LID facilities performance (retention, release rate, tributary hard surface, etc.).

Structural SCC 30.52A

Uniform Building Code or International Building Code (concrete vaults, walls, bridges)

When the project required a structural plan approval and a building permit for installation and required special inspection as identified in the UBC or IBC submit:

_____ 16. Copies of all structural special inspection and test results. (structural steel and concrete placement and concrete testing)

Subdivisions SCC 30.41A.420

_____ 17. For subdivisions, record drawings or as-built statement on the plans signed and dated by the engineer and/or surveyor and developer/owner.

We hereby declare that the road, storm drainage, grading and other improvements are located as shown on these record drawings.

By: Project Engineer/Surveyor _____ Date _____
 Project Developer/Owner _____ Date _____

_____ 18. Copies of the record drawings showing the actual location of all water mains, hydrants and valves.

EDDS 10-05 Engineering Record Drawings Mylar Standards

_____ 19. Final record drawings required by Public Works for archiving shall be originals which are legibly drawn in black ink on 4 mil polyester drafting film (mylar) or to an acceptable standard approved by the Engineer. An allowable substitute would be a photo mylar with fixed silver halide base that includes original signatures in ink. Plan sheets shall be 24 inches by 36 inches or 22 inches by 34 inches, dark line on light background.

_____20. Record drawings shall be of suitable quality for producing legible prints through scanning, microfilming or other standard copying procedure.

Note 1, Record Drawing Submittal

_____21. Record drawings submitted on a copy of the original approved construction plans not showing the county approval signature and date of approval shall have a statement of authenticity on each of the plan sheets of the record drawings submitted for review.

These record drawings are submitted for review on a true copy of the county-approved construction plans signed for approval on (enter date) _____

By: Project Engineer/Surveyor _____ Date _____