WALL PLAN CHECKLIST

PROJECT NAME_____
LDP#_____ **DATE REVIEWED**_____
REVIEWED BY_____

Please address all items marked with an "X" below, as well as any additional comments on this checklist or on the redlined plans. Please return this checklist and the redlined plans when resubmitting in order to speed up the revised plan review.

GENERAL INFORMATION: Rev 11-23

1. _____ List Planning Department requirements for wall design (UDC, overlay conditions, or other performance standards) found with the LDP files on the CSS portal. If you have any questions, contact Mardi Pretiger, mpretiger@forsyco.com.

2. _____ Provide name of Developer and/or Owner with their address and telephone number.

3. _____ Add note: "All improvements to conform with Forsyth County Construction Standards Specifications, latest edition."

4. _____ Add Note on all sheets: "Notify Forsyth County Inspector 24 hours before the beginning phase of construction. (770) 781-2165."

5. -------_____ Seal and signature of registered professional engineer on all sheets. Provide cross section and wall Profile included with distance to house foundation shown. (Six Sets).

6. _____ Topographic map with all elevations referenced to mean sea level and a contour interval equal to 2 feet and all finish contours.

7. _____ Provide complete Design Calculations with the following minimum factor of safety; base sliding 1.5, Overturning 2.0, and Bearing Capacity 2.0 for all walls. Provide the additional FS as follows for MSE walls; sliding along reinforcing layers 1.5, reinforcement pullout 1.5, reinforcement tensile overstress 1.5, facing connection break/pullout 1.5, material uncertainty 1.5, deep seated failure (Bishop's Modified Method) 1.3, 2-part wedge translational failure (Spencer's Method) 1.3, 3-part wedge (Spencer's Method) 1.3, rapid draw down (Bishop's Modified Method) 1.1 , Minimum 0.7 Reinforcement Length/Wall Height Ratio, Manufacturer Design Programs are not acceptable for final design, must meet FHWA or NCMA methodology, can use MSEW 3.0, SrWall 2.1, ReSSA 2.0, GSlope, and PCSTABL6. Maximum grid spacing 24 inches. (Two sets)

7. _____ Provide a minimum 42" handrail (with mid rail) or fence on all walls over 30 inches in Height. Provide design calculations that meet 2012 IBC; Section 1607.7 (50-plf load). Complete Design Calculations or call out pre-engineered Sleeve-It System for foundation is required. Show minimum post type/size/spacing on plans. Wood post not acceptable for fence.

8. _____ Provide encroachment agreement for offsite work.

9. _____ Plan and profile of all pipes including grade, type of pipe, 25-year HGL, elevations, Proposed cover, manholes and headwalls, outlet control structure.

10. _____ Provide detail for reinforced concrete load transfer structure around storm drainpipe through wall and show proper permanent erosion control for outlet.

11. _____ Wall must be constructed out of material with at minimum seventy-year life span.

ADDITIONAL COMMENTS:_____