

22.5

GRADING AND DRAINAGE PLAN SHOWING THE FOLLOWING:

22.5.1

North arrow, scale, and site plan underlay.

22.5.2

Topography at 1 foot intervals.

22.5.3

Areas of substantial earth moving with an erosion control plan.

22.5.4

Location of existing water courses, canals, ditches, springs, wells, culverts, and storm drains, and proposed method of dealing with all irrigation and waste water.

22.5.5

Location of any designated flood plain and/or wetland boundaries.

22.5.6

Direction of storm water flows, catch basins, inlets, outlets, waterways, culverts, detention basins, orifice plates, outlets to off site facilities, and off site drainage facilities when necessary. Drainage plans are to facilitate a ten (10) year storm event. The discharge rate off-site is restricted to 0.1 cubic ft./second, or less where off-site facilities to accept storm water are limited.

22.5.7

Hydraulic and hydro logic storm drainage calculations using a ten year storm event. One hundred year events may need to be accommodated in certain location in the path of major drainage.