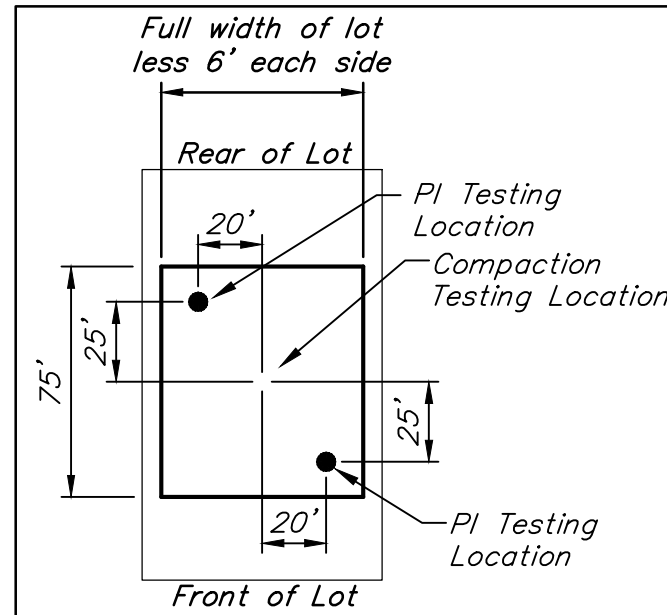


EROSION CONTROL PLAN LEGEND

- DROP INLET PROTECTION
- CURB INLET PROTECTION
- DITCH CHECKS
- SILT FENCING
- EROSION CONTROL BERM
- BACK OF CURB PROTECTION
- EROSION CONTROL MAT
- TEMPORARY DITCH
- STRAW WATTLE

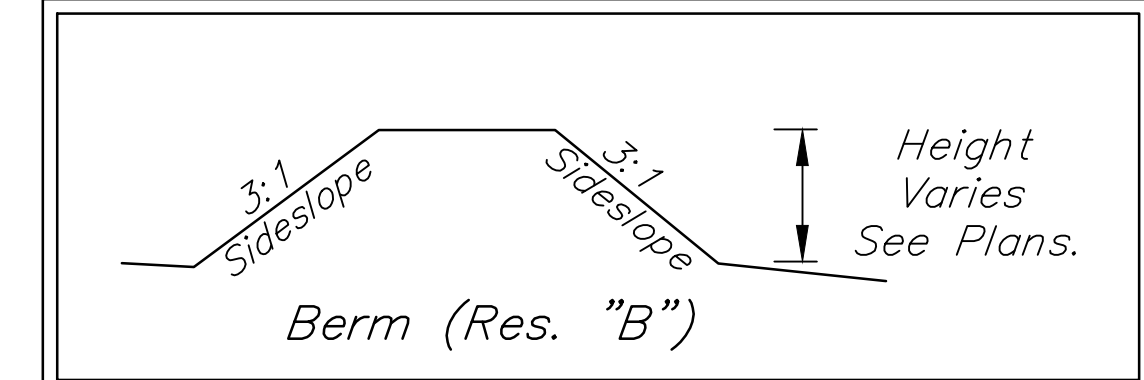


BUILDING PAD DETAIL

Note: Construct 12" layer of best available on-site material. See Compaction Testing Table.

Existing 8'x3' RCBC.
Flow = 1405.00

The Contractor shall be responsible to collect soil samples from two locations within each lot. The soil samples are to come from the diagonal corners of the building pads as shown on this sheet. The samples shall be collected at a depth of 18" below the pad elevation listed on Compaction Testing Table. Each soil sample shall be approximately 8 oz. to 12 oz. in weight and sealed in a zip-lock plastic bag. The soil samples shall be used for Atterberg Limits testing (ASTM D4318, "Liquid Limit, Plastic Limit, and Plasticity Index of Soils") to determine the PI (Plasticity Index) of the sample. The Contractor shall deliver the soil samples to a licensed soils testing laboratory for Atterberg Limits testing. The test results shall be delivered to the Project Engineer as the tests are completed. The Contractor shall be responsible for all costs associated with collecting soil, refilling the test holes, labeling the soil samples, transporting the soils, costs of testing, and delivering the test results. All costs associated with the Atterberg Limits testing are to be included in the bid item, "Testing". There are 25 lots (1 building pad per lot) to be tested at two locations for a total of 50 tests.



Construct berms as shown at 3:1 slope per detail, this sheet.

---1385--- Existing Grade

1385 Proposed Grade

Area to be graded

⊗ - Compaction Testing Location

Install silt fence drop inlet sediment barriers per detail, sheet 34.



EARTH WORK TOTALS

	C.Y. Excavation	C.Y. Fill
Mass Grading (Lots Only)	18,999	69,913
Berm Construction	0	12,000
Pond "A"	119,166	859
Pond "B"	6,621	1,770
Total	144,786	84,542

Earthwork quantities are for reference only. All cost associated with mass grading shall be incidental to lump sum bid item "Grading, Mass". All quantities for compacted fill for both berming and pond construction shall be incidental to lump sum bid item "Grading, Mass".

- Contractor shall strip 4-6" of top soil within Res. "C", "D", "E", & "G", Lots 1-15, Block A, Lots 1-10, Block D and street R/W prior to mass grading and berm construction and stockpile. Following berm construction and prior to placing of top soil, Contractor shall notify Developer for approval of berm shaping. With approval of Developer, 12" of topsoil is to be spread over berm. Berm shall be seeded per cover sheet general notes for "Seeding". Additional top soil stockpile to be redistributed over Reserve "C" & "D" above water surface.
- Compaction of 95% shall be obtained in all street R/W's, pond liner, and all other areas. Compaction requirements shall be placed within ±2% of optimum moisture content of the soil at the time of placement. All testing shall be incidental to Lump Sum bid item "Testing".
- It shall be the Contractor's responsibility to protect any existing utilities during mass grading. Any damage done to these systems by Contractor or subcontractor shall be repaired at no additional cost to the project.
- Only trees within the street R/W in direct conflict with construction may be removed with developer permission. All other trees shall be protected from damage.
- All areas disturbed by construction shall be seeded as indicated on cover sheet.
- Earthwork shall NOT be stockpiled. Excess material shall be used to fill lots as indicated on fill plan (sheets 21-22).

