EROSION CONTROL PLAN LEGEND

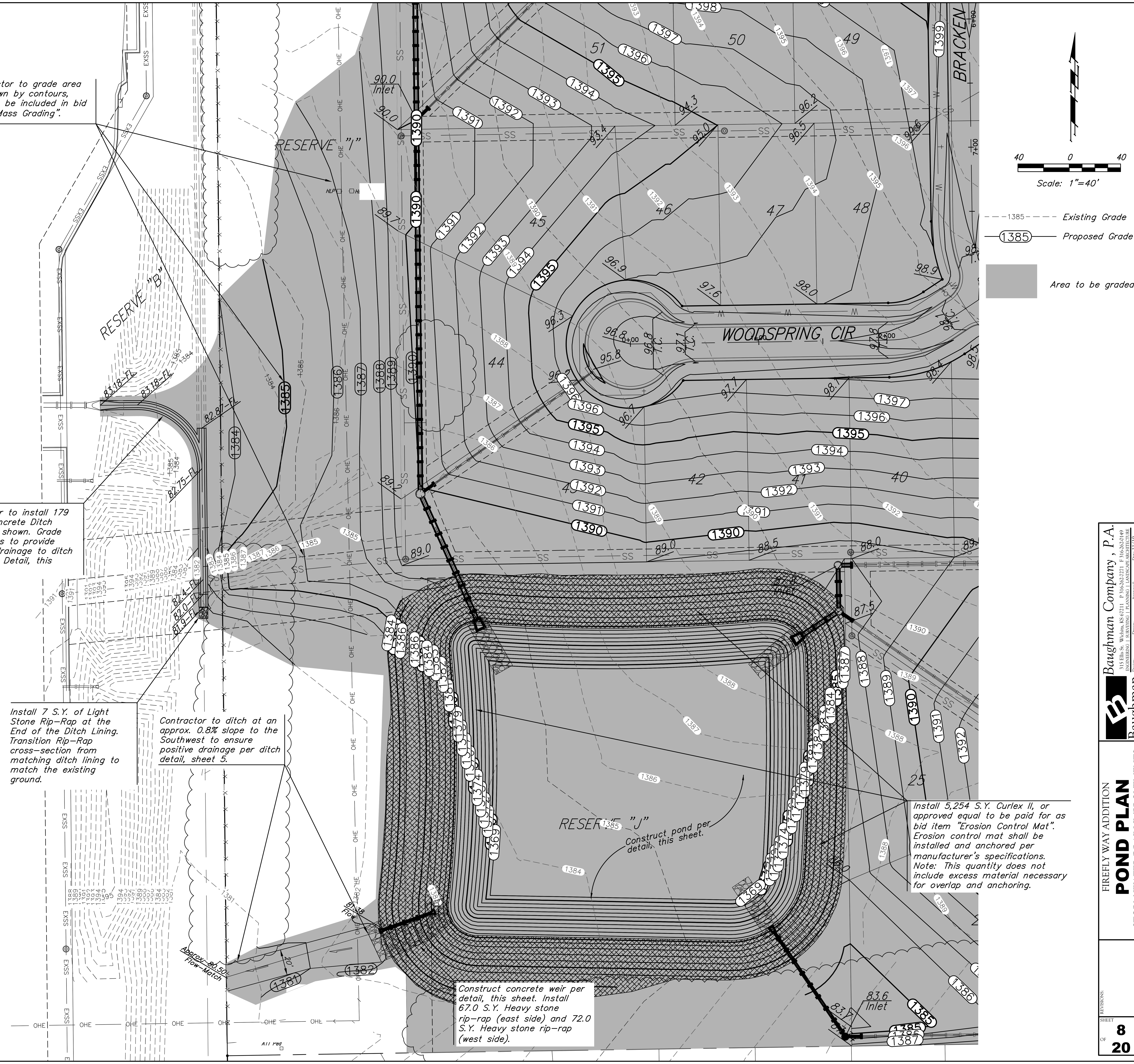
- DROP INLET PROTECTION
- CURB INLET PROTECTION
- DITCH CHECKS
- SILT FENCING
- STRAW WATTLE DITCH CHECKS
- EROSION CONTROL BERM
- BACK OF CURB PROTECTION
- EROSION CONTROL MAT
- TEMPORARY DITCH

EARTH WORK TOTALS

	C.Y. Excavation	C.Y. Fill
Mass Grading	23,816	63,909
Pond Construction	38,153	1,366
Total	61,969	65,275

Earthwork quantities do not include correction factors and are for reference only. All cost associated with mass grading shall be included in the bid item "Grading, Mass".

Existing trees shall be trimmed/removed ONLY with approval of the Developer. Trimming will be permitted only with chainsaws. Trees not in direct conflict with proposed new construction shall remain and be protected from damage. All trimming or removal shall be included in bid item "Site Clearing". Prior to construction, an on-site meeting with the developer will be held to discuss grading limits and tree trimming/clearing along the east line of the project. The intent of the work is is to keep the main tree row and grade the drainage swales to the west of the trees.



NOTES:

1. Pond bottom and sideslopes below static pool elevation shall be over-excavated 1' and a 1' clay liner shall be compacted to 95% std. density. The top 6" of the clay liner shall be modified with Wyoming Bentonite Clay at a rate of 4%. All costs including clay, manipulation, hauling, compacting, etc. shall be included in the bid item, "Pond Sealing". The best onsite clay material shall be used for the pond liner. The compaction and P.I. shall be verified during construction. 6" of on-site material shall be distributed on top of the clay line below the static pool elevation. P.I. determination and compaction testing shall be arranged and paid for by the contractor at the request of the inspector. Cost shall be incidental to Testing". Cost of over-excavation to install Clay Liner shall be incidental to bid item, "Excavation".
2. Any excess excavation shall be stockpiled on-site at an area indicated by the Engineer out of easements and R/W. Additional area will be staked out if needed.
3. All areas disturbed by construction shall be seeded as indicated on cover sheet.
4. Install Erosion Control Mat (Curlex II or approved equal) from 2' below the water surface to top bank. To be paid for as bid item "Erosion Control Mat".
5. Contractor to strip top 3" of soil within Res. "J" and street R/W before mass grading and stockpile. Top soil stockpile to be redistributed over Reserve "J" above water elevation prior to seeding.
6. Compaction of 95% shall be obtained in all areas including the pond liner. 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".

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ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE
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FIREFLY WAY ADDITION
POND PLAN
STORM WATER DRAIN IMPROVEMENTS

REVISIONS: