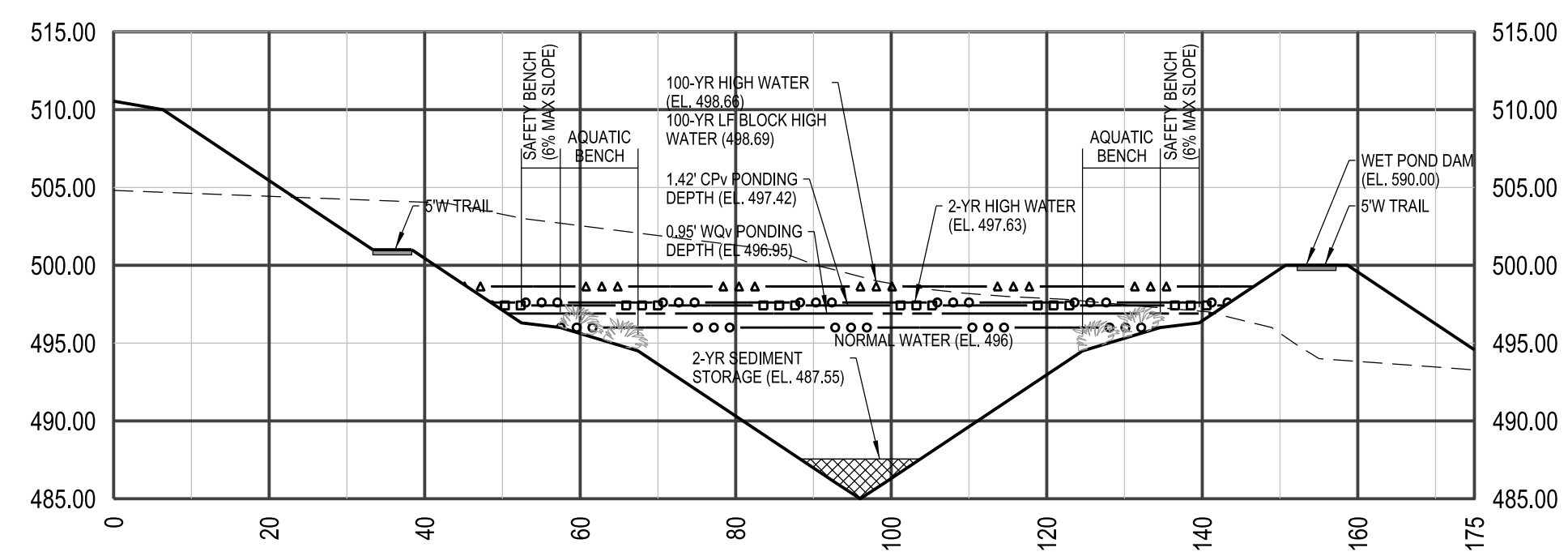


WET RETENTION POND: SECTION 1-1
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 10'



WET RETENTION POND: SECTION 2-2
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 10'

P-2 Wet Retention Pond Area Maintenance Plan for The Villas at Aragon

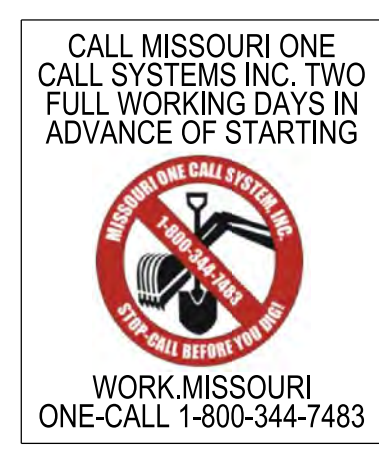
Primary maintenance activities include vegetation management and debris and sediment removal. Routine maintenance activities, and the frequency at which they will be conducted, are shown below.

No.	Routine Maintenance Task	Frequency of Task
1	If ponding water above the low flow openings remains for longer than 3 days, Clogging of the low flow openings on the outlet structure has occurred. Repair by inspecting and removing debris caught in the outlet structure openings.	As needed
2	Trim and/or remove vegetation to give the desired "shape", to prevent establishment of woody vegetation, and for mosquito control.	Twice a year (February and September)
3	Trim vegetation near the pond area or as directed by a Landscape Professional.	November through March
4	Conduct vegetation management, removing weeds and harvesting vegetation along banks. Remove all grass cuttings and other green waste.	Twice a year (February and September)
5	Remove accumulated trash and debris from the facilities and dispose of trash and debris properly.	Twice a year (February and September)
6	Remove sediment from the forebay and dispose of sediment properly.	Twice a year (February and September)
7	Inspect structural components (Overflow Drains, etc.) for cracking, subsidence, erosion and deterioration.	Twice a year, or as needed

Wet Retention Pond Design and As-built Verification Information Table

Basin ID	Design Overflow Sill Elev. (ft)*	As-built Overflow Sill Elev. (ft)*	Design Bypass/Spill Point Elev. (ft)**	As-built Bypass/Spill Point Elev. (ft)**	Required WQ Volume (ft ³)	Proposed WQ Volume (ft ³)	As-built WQ Volume (ft ³)	Required CP _v Volume (ft ³)	Proposed CP _v Volume (ft ³)	CP _v Provided (ft ³)
Wet Retention Pond (P-2 Wet Pond)	497.45		499.70		27,745	28,306 (El. 496.95)		43,717	43,862 (El. 497.42)	

* Overflow Sill Elevation = Maximum Water Quality Storage Elevation
 ** Bypass/Spill Point Elevation = Lowest adjacent elevation on the basin perimeter where overland flow would be directed.
 As-built portion of table to be certified by a Professional Engineer or Professional Land Surveyor licensed in Missouri



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 Professional Engineer
 PE-2017018988

THE VILLAS AT ARAGON
 VETERANS MEMORIAL PARKWAY
 OF FALLON, MO 63366

WET RETENTION POND PLAN & CROSS-SECTIONS
 Design By: R/LH
 Drawn By: R/LH
 Checked By: R/LH
 Permit No. GR22-00001
 Volz Project # 22649
 10-12-22
 C17.0