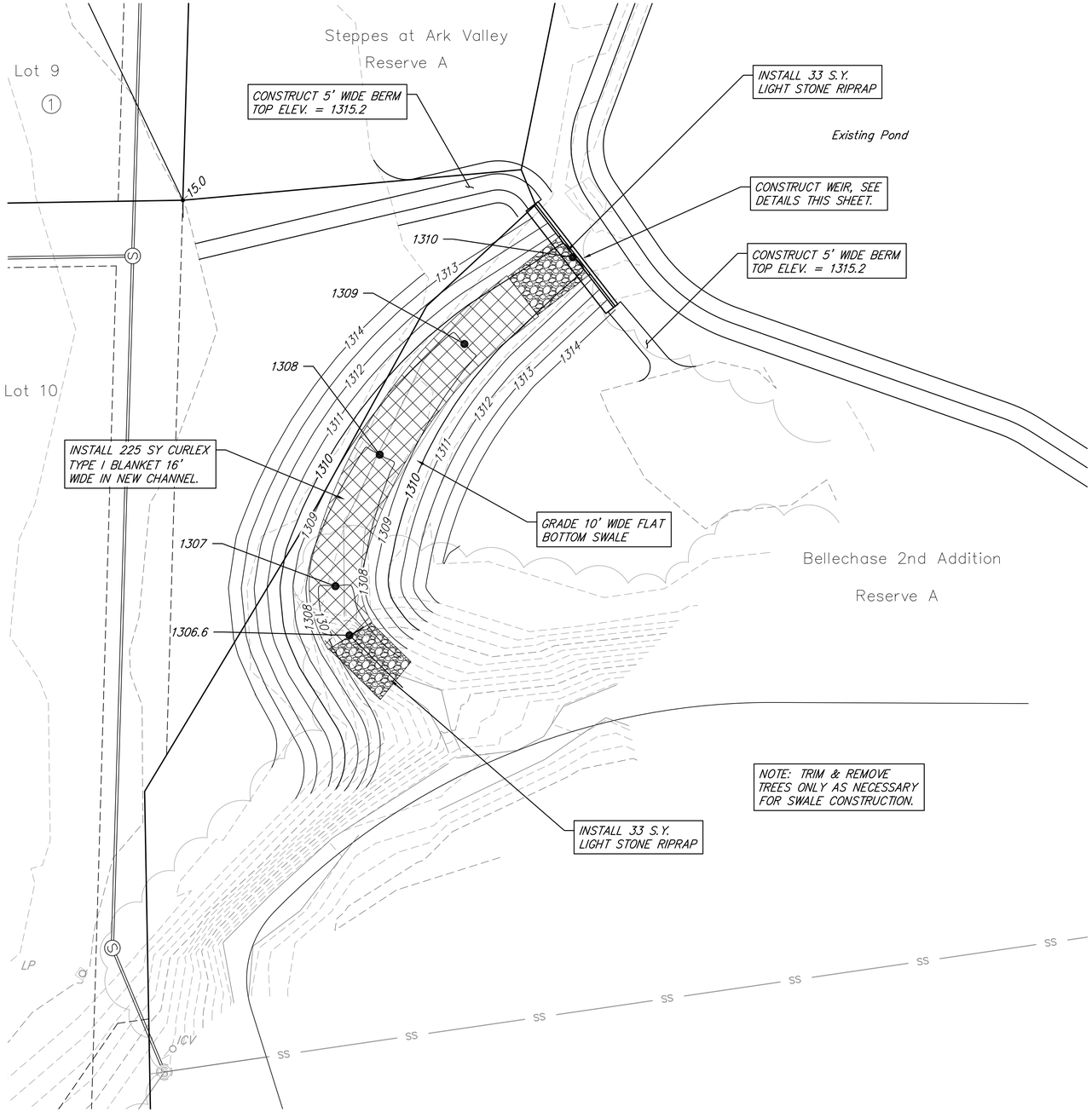
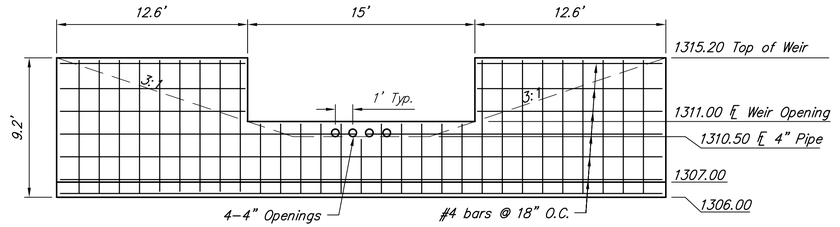
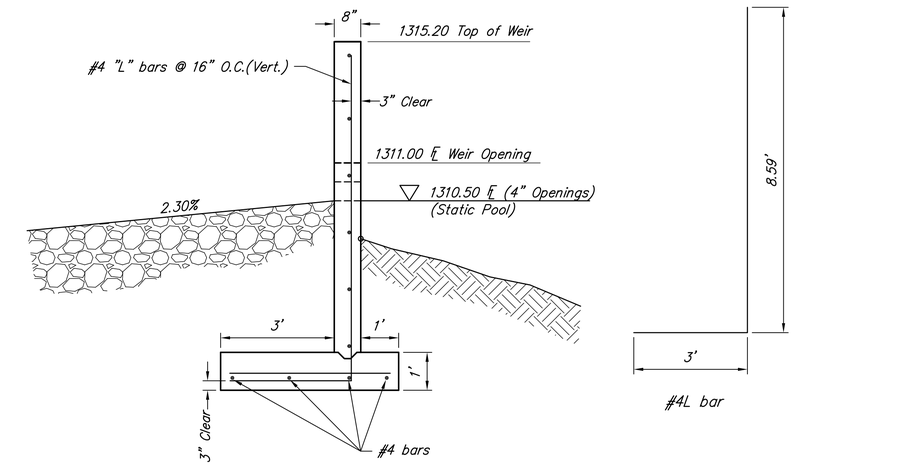


Channel Detail



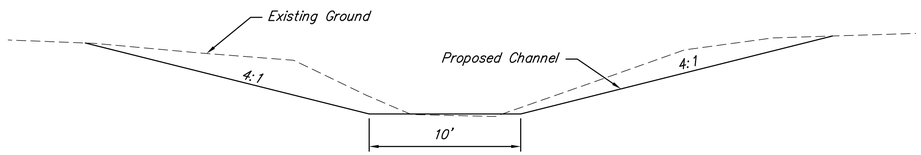
Pond Weir Wall Detail

Air Entrained Concrete: F'c = 4000 psi @ 28 days
Reinforcing: Fy = 60000 psi
Cover over Reinforcing is 2" Clear unless otherwise indicated



Weir Wall Section

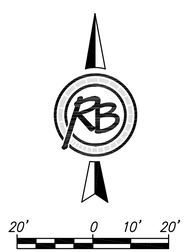
The pond bottom and sides (to an elevation of 1.0' above the static pool) are to be lined with clay to a minimum depth of 1 foot, moisture conditioned and compacted to a minimum of 95 percent of standard proctor density (ASTM D-698) from minus 3 to plus 3 percent of optimum moisture content. Pond liner shall be clay soil with a minimum P.I. value of 30 or must be approved by a geotechnical engineer; soil to be paid for as "Pond Liner C.Y.".



CHANNEL SECTION

BENCHMARK:
CHISELED SQUARE ON THE TOP OF CURB ON THE NORTH SIDE OF ZIMMERLY STREET, WEST OF 127TH STREET EAST,

ELEVATION = 1329.39 (NAVD88)



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The Steppes at Ark Valley

WEIR DETAILS

SEAL

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3-10-15
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DATE			3/10/2015
DESIGN			KWL
DRAWN			DRS
REVIEW			2/17/2015
PROJECT NUMBER	RB JOB NO.	DWG. SCALE	SHEET
468-84980	4372E	...	5
DRAWING FILE			OF 21
4372E Engineering Base [WEIR DETAILS]			