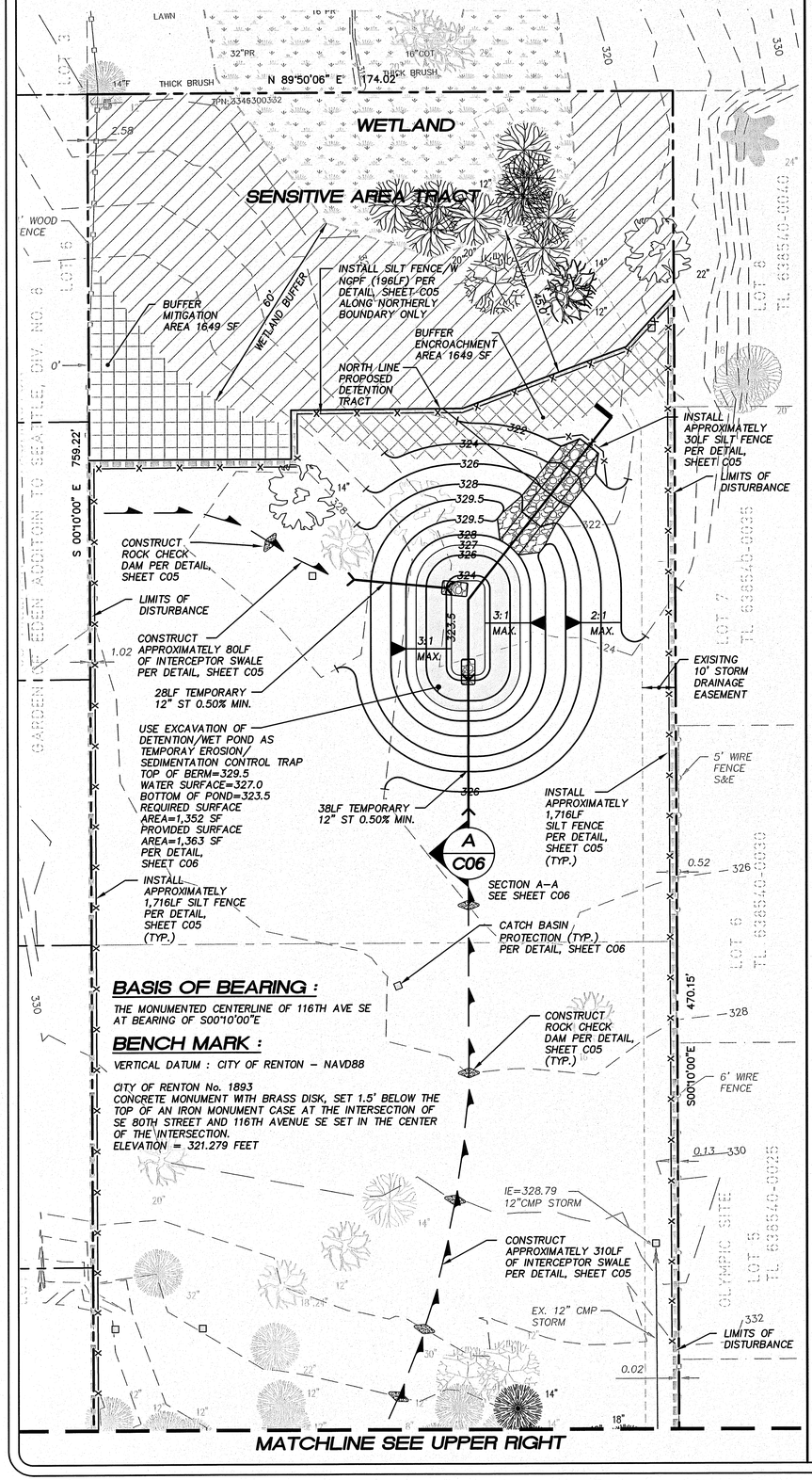
REVISIONS:

PORTION OF THE SW 1/4 OF THE NW 1/4 OF SEC. 33, TWN. 24N., RGE. 5E., W.M.



APPROVED FOR CONSTRUCTION

BY: _____ DATE: _____

CITY OF NEWCASTLE

THESE DRAWINGS ARE APPROVED FOR CONSTRUCTION FOR A PERIOD OF 12 MONTHS FROM THE DATE SHOWN HEREON. THE CITY RESERVES THE RIGHT TO MAKE REVISIONS, ADDITIONS, DELETIONS, OR MODIFICATIONS SHOULD CONSTRUCTION BE DELAYED BEYOND THIS TIME LIMITATION. THE CITY, BY APPROVING THESE DRAWINGS, ASSUMES NO LIABILITY IN REGARDS TO THEIR ACCURACY OR OMISSIONS.

GRAPHIC SCALE
20 0 10 20 40
SCALE : 1" = 20'

LEGEND

- INTERIM SEDIMENTATION PROTECTION PER DETAIL, SHEET C06
- ROCK CHECK DAM PER DETAIL, SHEET C05
- TEMPORARY ROCKED CONSTRUCTION ENTRANCE PER DETAIL, SHEET C05
- INTERCEPTOR SWALE PER DETAIL, SHEET C05
- TEMPORARY 12" STORM DRAIN
- SILT FENCE PER DETAIL, SHEET C06
- LIMITS OF DISTURBANCE
- 400 PROPOSED CONTOURS
- 360 EXISTING CONTOURS

TREE LEGEND

- FIR TREE
- MAPLE TREE
- FRUIT TREE
- ADLER TREE
- COTTONWOOD TREE
- CEDAR TREE
- DECIDUOUS TREE
- WILLOW TREE
- DECIDUOUS
- CONIFER
- EXISTING SIGNIFICANT TREES TO BE REMOVED
- EXISTING SIGNIFICANT TREES TO BE SAVED
- EXISTING SIGNIFICANT SAVED TREES TO BE CREDITED AS TWO TREES FOR SIZE (24" DIA FOR EVERGREENS AND 30" DIA FOR DECIDUOUS TREES)

TREE RETENTION DATA

TOTAL SIGNIFICANT TREES		98 TREES
AVERAGE SIGNIFICANT TREE CALIPER	1,514/98	15.45"
TOTAL TREES REQUIRED TO BE PRESERVED	98 x 0.25	24.5
TREES PROPOSED TO BE PRESERVED		12
SIGNIFICANT TREE CREDIT EARNED		1
TOTAL TREE CREDITS		13
TREE PRESERVATION CALCULATION	24.5 - 13	11.5
PRESERVATION DEFICIT CALCULATED TO CALIPER INCHES	11.5 x 15.45	178
SIGNIFICANT TREE REPLACEMENT RATE	178 x 2 CAL/IN	356

NOTES:

TREE RETENTION CALCULATIONS INCLUDE ADDITIONAL CREDIT FOR SIGNIFICANT TREES IN EXCESS OF 24" (EVERGREENS) AND 30" (DECIDUOUS), OR FOR TREES IN GROUPINGS OF 5 OR MORE WITH CONTINUOUS CANOPY COVERAGE AS REQUIREMENTS ARE MET ON A PERCENT BASIS WITHOUT THE NEED FOR ADDITIONAL CREDIT.

THIS TREE COUNT MAY BE MODIFIED AS A RESULT OF ADDITONAL REVIEW BY AN ARBORIST TO DETERMINE A REVISED SIGNIFICANT TREE COUNT. MORE TREES MAY BE REMOVED THAN INDICATED IF THE TREES WITH ASSOCIATED DRIP LINES IMPOSE ON POTENTIAL HOUSE SITES.

ANY POTENTIAL DEFICIT IN THE SIGNIFICANT TREE COUNT IS PLANNED TO BE MITIGATED BY THE TREE REPLACEMENT IN APPROPRIATE AVAILABLE AREAS IN ACCORDANCE WITH CITY CODE.

TREE CLEARING AND REMOVAL SPECIFICATIONS PER CITY/ARBORIST RECOMMENDATIONS SHALL BE INCLUDED IN FINAL CONSTRUCTION PLANS.

ANY SIGNIFICANT TREES DESTROYED DURING GRADING SHALL BE REPLACED AT A RATIO REQUIRED BY NMC 18.16.170

01/03/13

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CITY OF NEWCASTLE

LAWRENCE PARK

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PROJECT NO.: 12025
DRAWN BY: ENM
ISSUE DATE: 02-27-13
SHEET REV.:

TEMPORARY EROSION + SEDIMENT CONTROL AND TREE RETENTION PLAN

C04
SHEET 04 OF 15