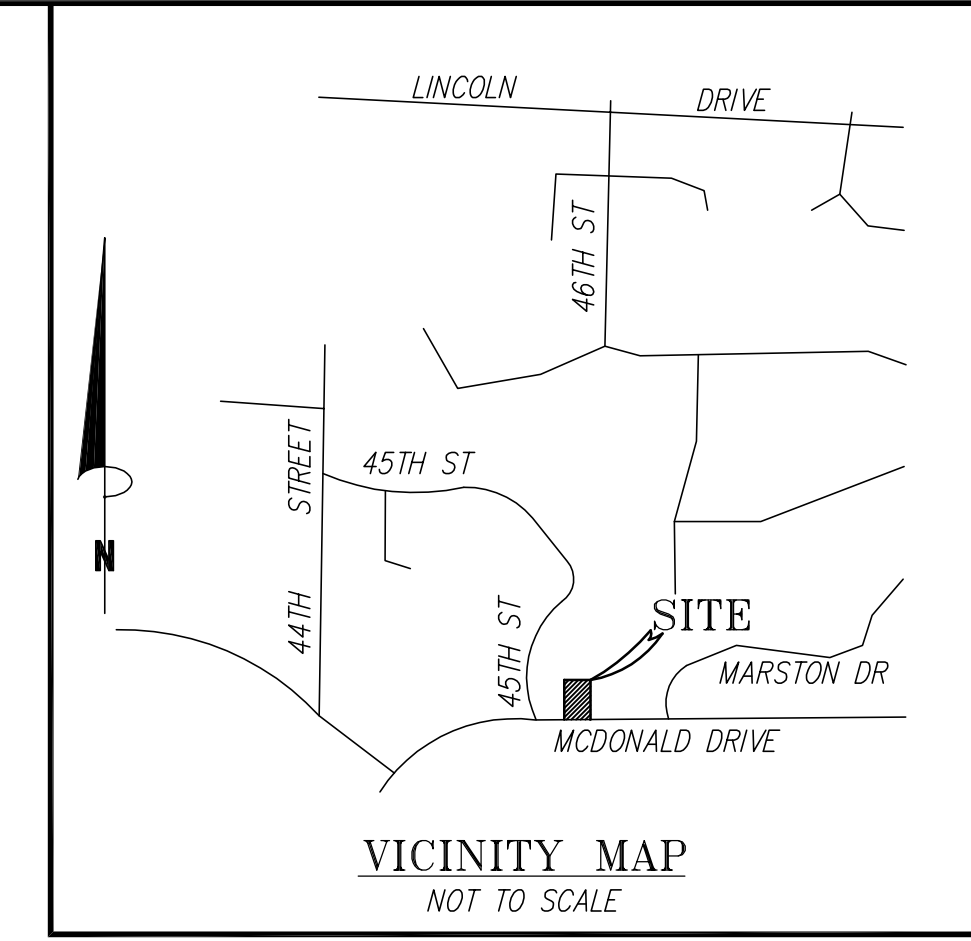
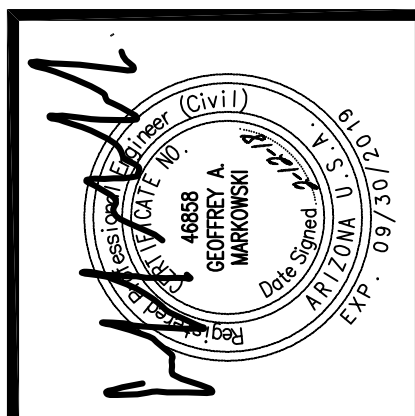


# HILLSIDE SLOPE ANALYSIS PLAN FOR 4554 E. McDONALD PARADISE VALLEY, ARIZONA



**g-m a r**  
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18223 west orchid lane  
waddell, arizona 85355  
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PROJECT: GARRISS RESIDENCE  
4554 E. McDONALD ROAD, PARADISE VALLEY, ARIZONA  
OWNER: TRAVIS & KIRA GARRISS  
142 W. MACOM DRIVE, CHANDLER, ARIZONA 85286

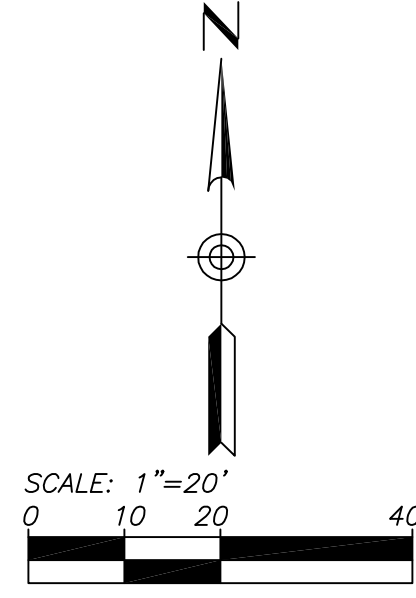
PR	2-12-18	HILLSIDE SUBMITTAL

DATE ISSUED: 31 JAN 18  
DRAWN BY: GM  
CHECKED BY: GM

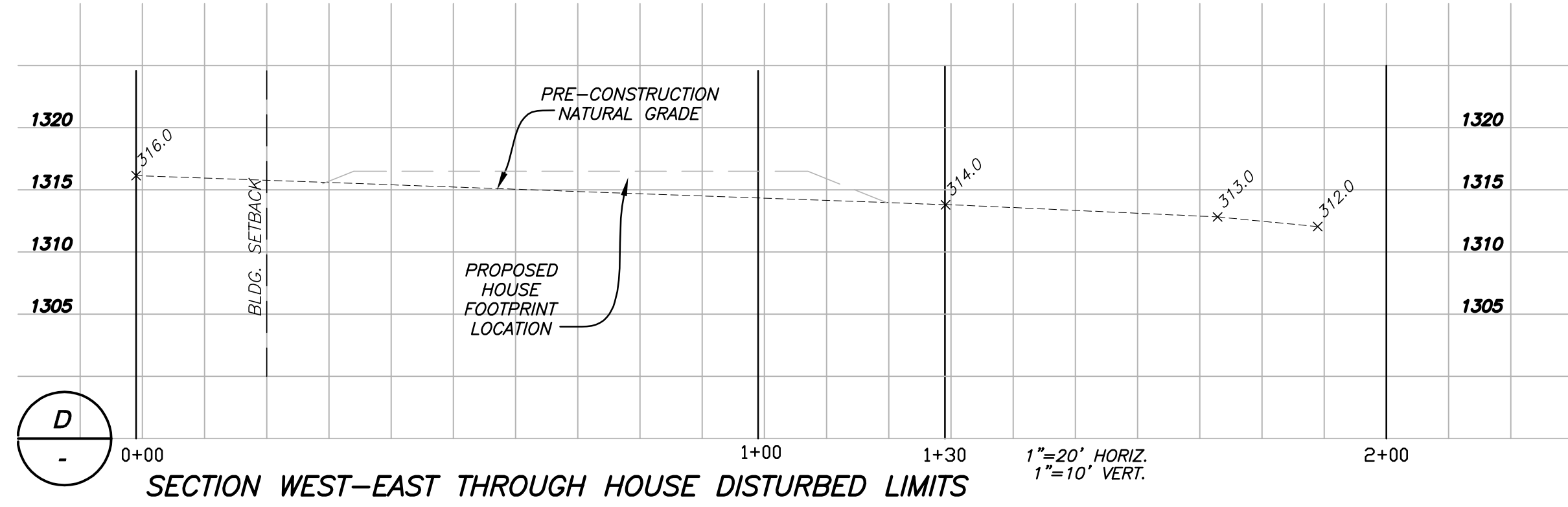
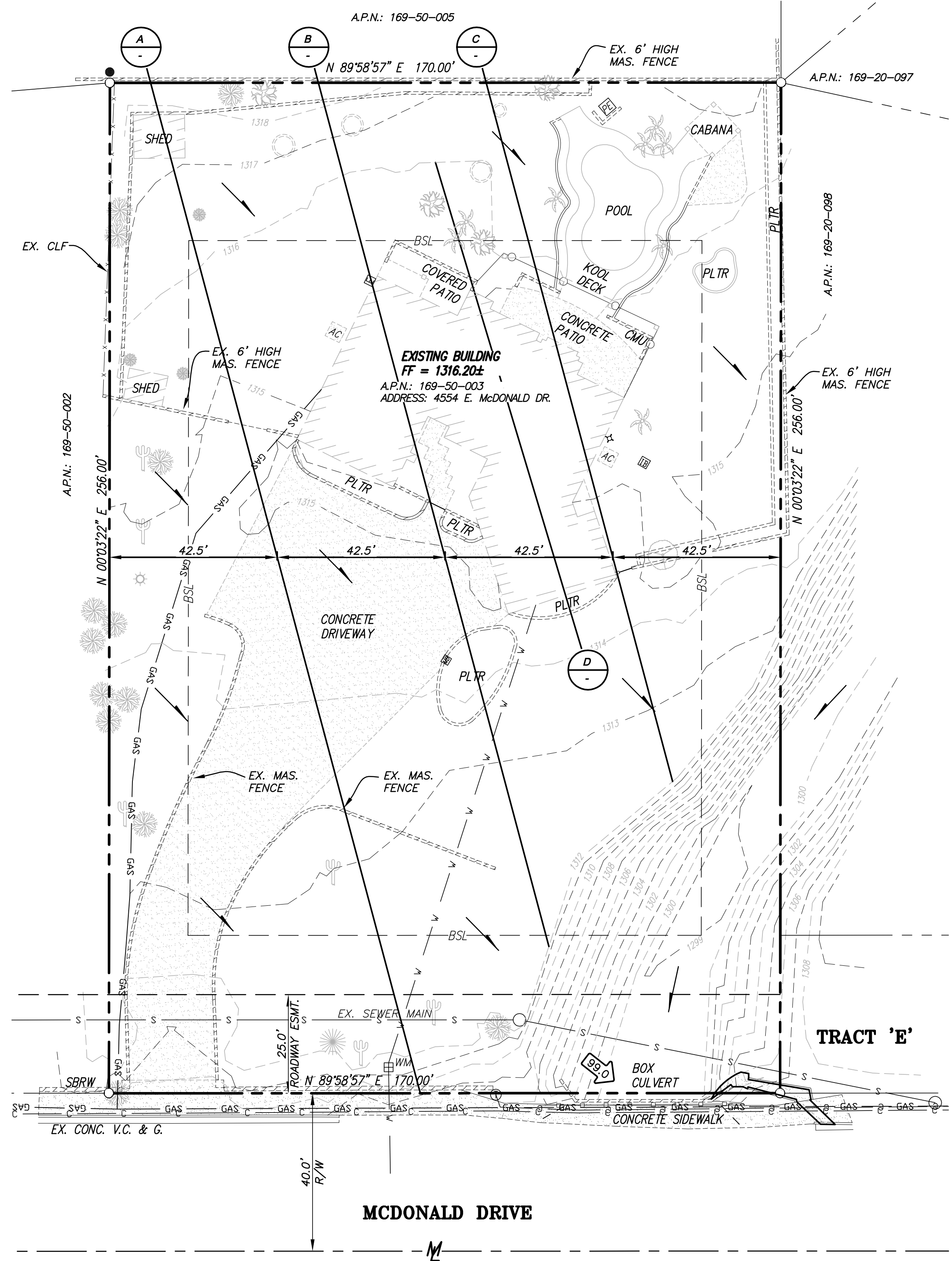
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HILLSIDE  
SLOPE ANALYSIS  
PLAN

SHEET  
C4  
OF  
1

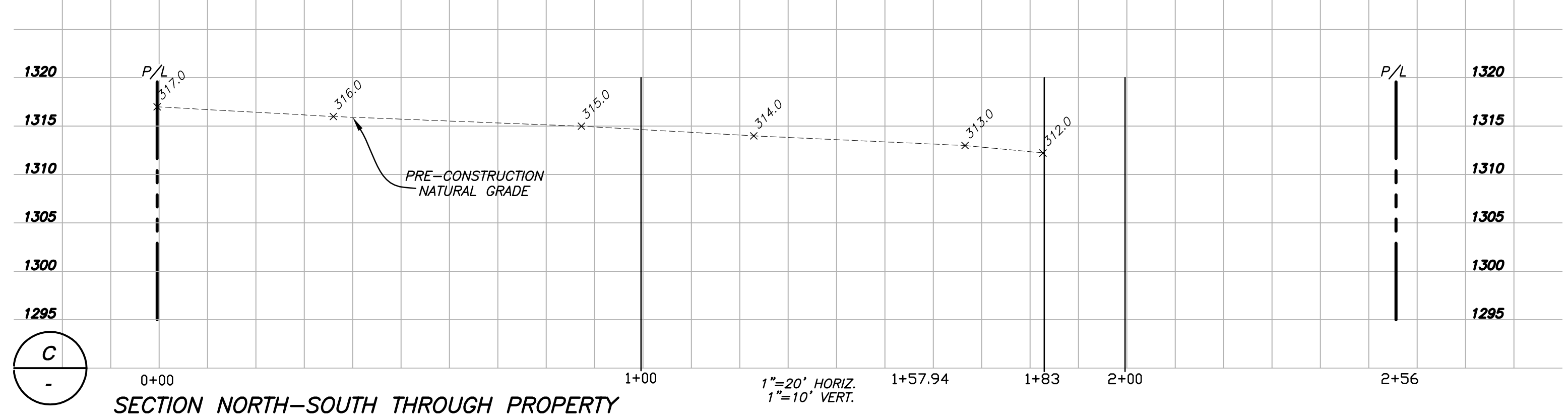
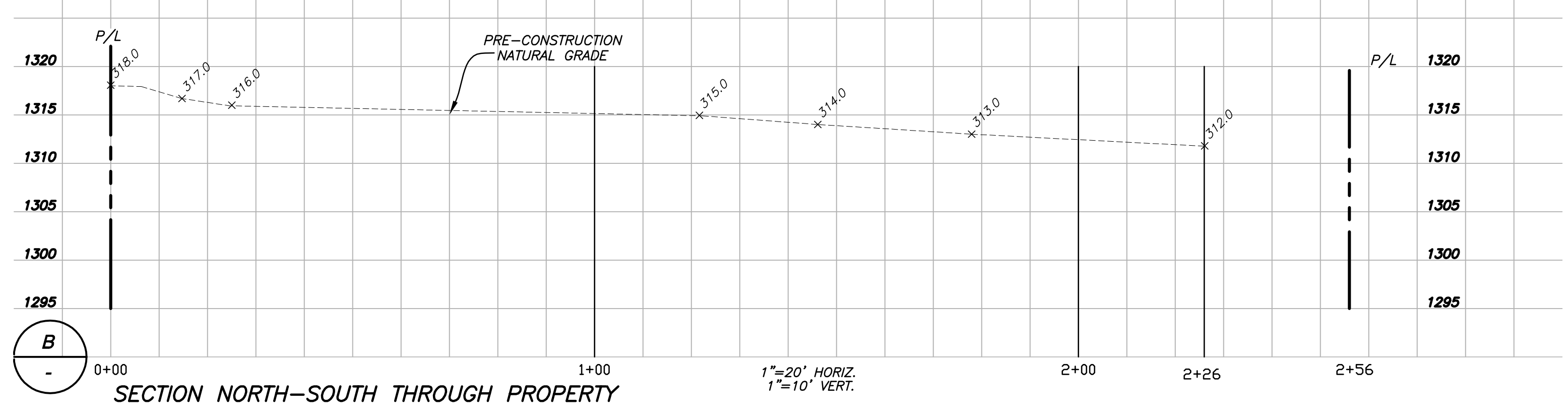
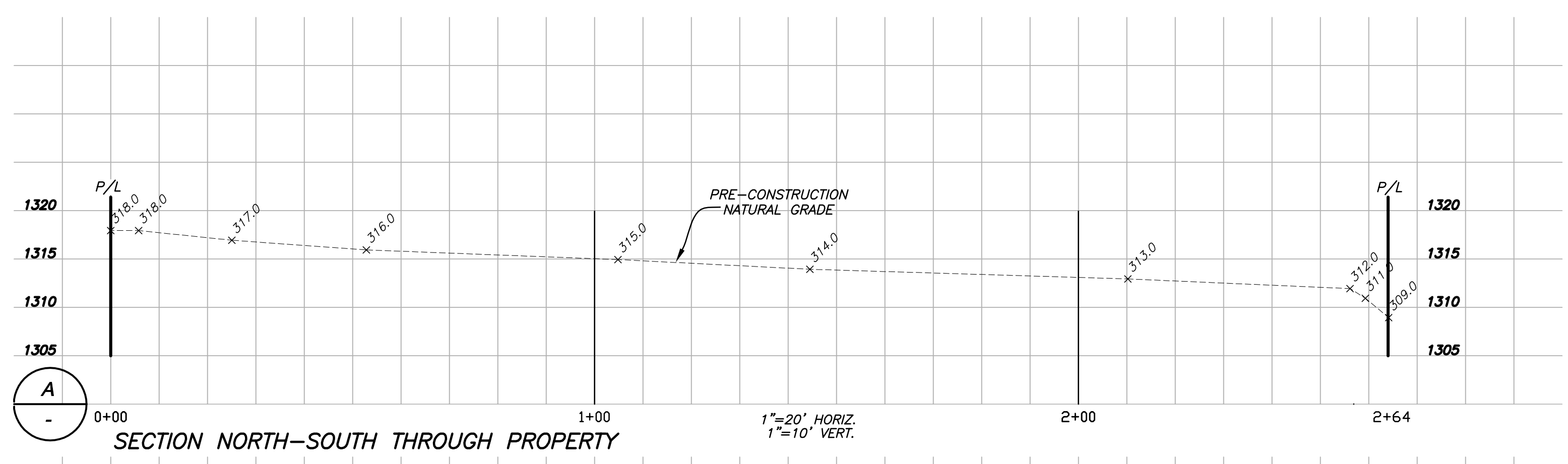
TOWN PERMIT NO.



**PRE-CONSTRUCTION NATURAL GRADE SLOPE CALCULATIONS**  
SLOPE FOR SECTION A =  $(1318 - 1309) / 264.0 = 3.4\%$   
SLOPE FOR SECTION B =  $(1318 - 1312) / 226.0 = 2.65\%$   
SLOPE FOR SECTION C =  $(1317 - 1312) / 183.0 = 2.73\%$   
AVERAGE SLOPE =  $(3.4 + 2.65 + 2.73) / 3 = 2.93\% < 10\%$



**PRE-CONSTRUCTION NATURAL GRADE SLOPE AT HOUSE**  
SLOPE FOR SECTION D =  $(1316 - 1314) / 130 = 1.54\% < 10\%$   
PROPOSED HOUSE FOOTPRINT TO MATCH EXISTING HOUSE ELEVATION.



CALL BEFORE YOU DIG  
CALL  
**811**  
OR  
1-800-263-1100  
OR  
1-800-STAKE IT  
(OUTSIDE MARICOPA COUNTY)

C:\Users\Owner\Desktop\Gm\Projects\2018\18-01-017-00-4554 E. McDonald\Civil\18-01-017-00-C1.dwg Plotted 2/14/18 by Owner