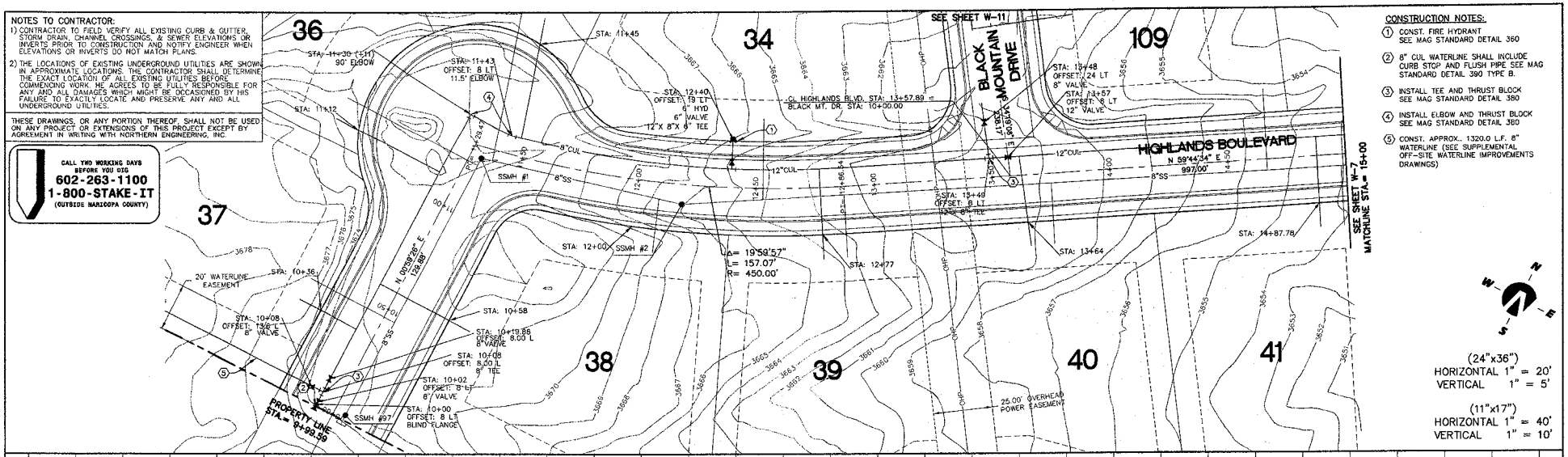
NOTES TO CONTRACTOR:

1) CONTRACTOR TO FIELD VERIFY ALL EXISTING CURB & GUTTER, STORM DRAIN, CHANNEL CROSSINGS & SEWER ELEVATIONS OR INVERTS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER WHEN ELEVATIONS OR INVERTS DO NOT MATCH PLANS.

2) THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

THESE DRAWINGS, OR ANY PORTION THEREOF, SHALL NOT BE USED ON ANY PROJECT OR EXTENSIONS OF THIS PROJECT EXCEPT BY AGREEMENT IN WRITING WITH NORTHERN ENGINEERING, INC.

CALL TWO WORKING DAYS BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

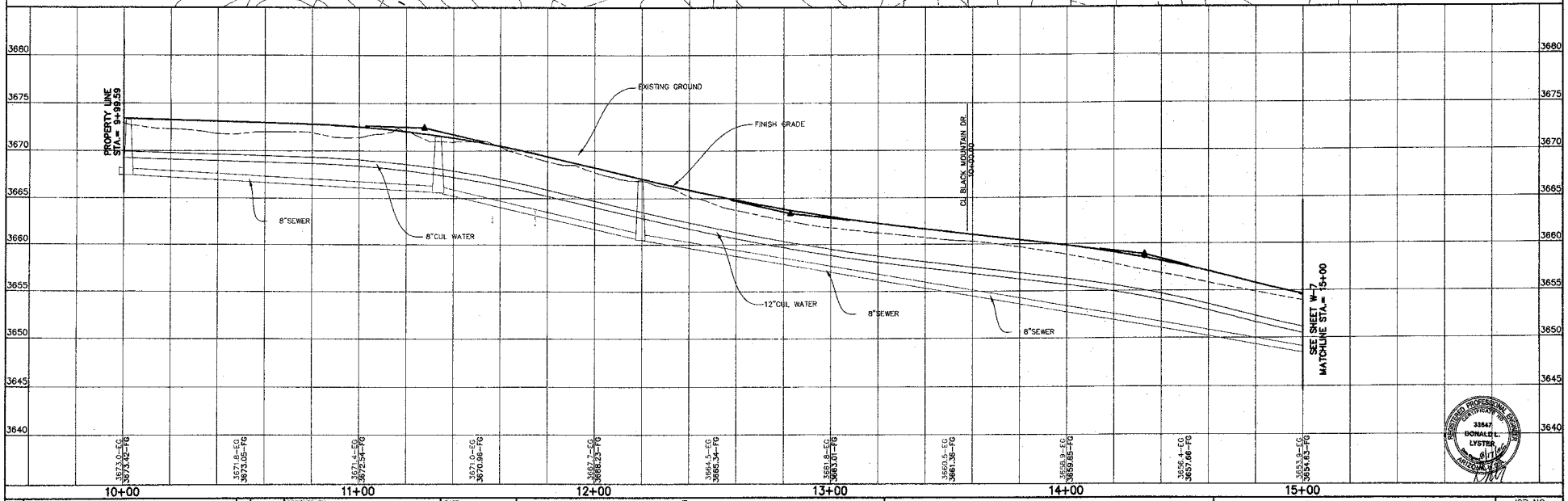


CONSTRUCTION NOTES:

1. CONST. FIRE HYDRANT SEE MAG STANDARD DETAIL 360
2. 8" CUL WATERLINE SHALL INCLUDE CURB STOP AND FLUSH PIPE SEE MAG STANDARD DETAIL 390 TYPE B.
3. INSTALL TEE AND THRUST BLOCK SEE MAG STANDARD DETAIL 380
4. INSTALL ELBOW AND THRUST BLOCK SEE MAG STANDARD DETAIL 380
5. CONST. APPROX.. 1320.0 L.F. 8" WATERLINE (SEE SUPPLEMENTAL OFF-SITE WATERLINE IMPROVEMENTS DRAWINGS)

(24"x36")
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

(11"x17")
HORIZONTAL 1" = 40'
VERTICAL 1" = 10'



REGISTERED PROFESSIONAL ENGINEER
CERTIFICATE NO.
33547
DONALD L. LYSTER
ARIZONA U.S.A.

NO.	REVISIONS	BY	DATE
5			
4			
3			
2			
1			

DESIGNED BY: DATE:
DRAWN BY: DATE:
CHECKED BY: DATE:
APPROVED: DATE:
COGO FILE: DATE:
REV. COGO FILE: DATE:

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Northern ENGINEERING INC
ENGINEERING-LAND PLANNING
CONSTRUCTION MANAGEMENT
1040 E. 800 N.
OREM, UTAH 84097
(801) 802-8992

THE HIGHLANDS

HIHGLANDS BLVD. STA. 9+99.59 – 15+00

WATER PLAN & PROFILE

JOB NO. 3-05-030-00

SHEET NO. W-6