

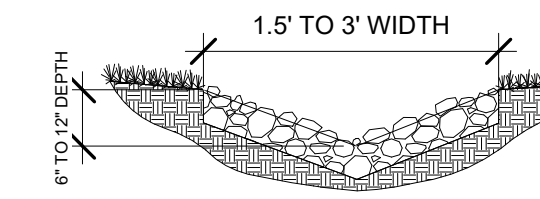
450 DIAMOND OAKS ROAD ROSEVILLE, CA 95678 APN: 015-360-022 GRADING PLAN

ENGINEER NOTES

ESTIMATED CUT = 106 C.Y., ESTIMATED FILL = 127 C.Y.,
NET IMPORT = 21 C.Y.

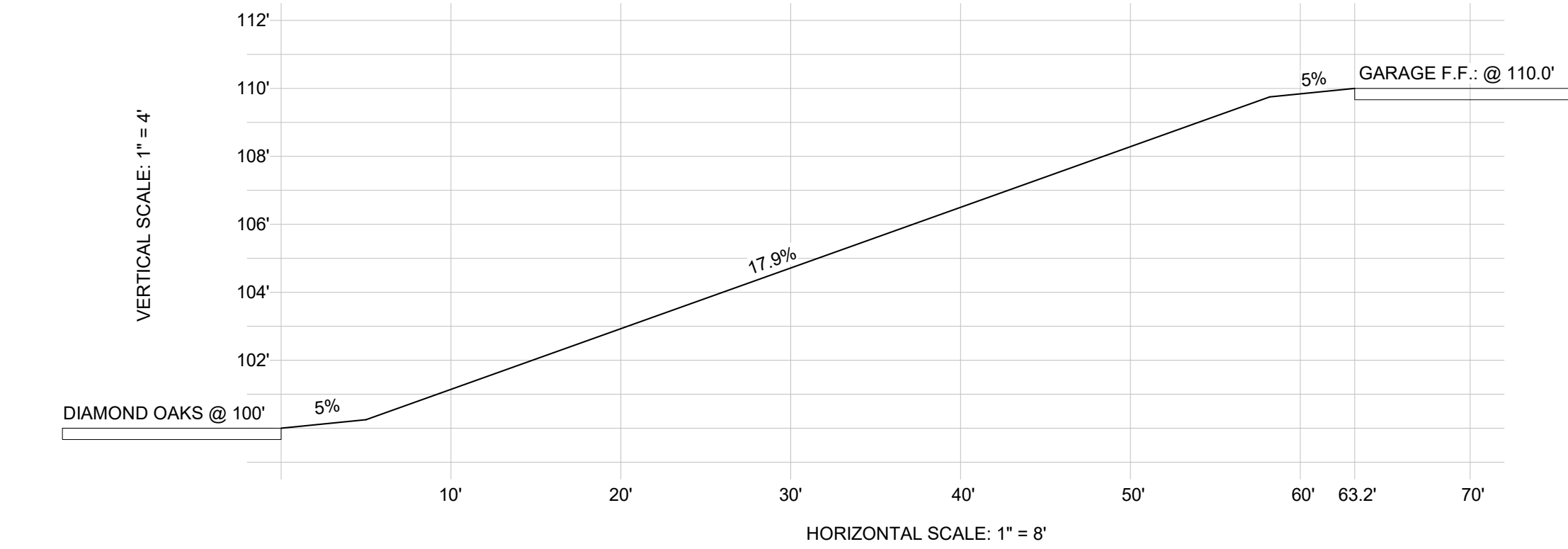
FOLLOWING SITE CLEARING AND STRIPPING OPERATIONS, ALL AREAS TO RECEIVE FILL SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 8 INCHES, MOISTURE CONDITIONED AS NECESSARY AND COMPACTED TO AT LEAST 90% OF THE MAXIMUM DRY DENSITY BASED ON THE ASTM D1557 TEST METHOD. THE FILL SHALL BE PLACED IN LIFTS NOT EXCEEDING 6 INCHES. THE FILL SHALL BE MOISTURE CONDITIONED AS NECESSARY AND COMPACTED TO A RELATIVE COMPACTION OF NOT LESS THAN 90%. DRIVEWAYS COMPACTED TO A RELATIVE COMPACTION OF NOT LESS THAN 90%.

THE TYPE, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND UTILITIES. HOWEVER, THE DESIGNER, CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.



- SWALES SHALL MAINTAIN A MINIMUM SLOPE OF 1% IN THE DIRECTION OF FLOW.
- PROVIDE 3"-4" COBBLES OR ANGULAR ROCK WHERE SLOPE EXCEEDS 10%.
- SWALES IN WHICH THE SLOPE EXCEEDS 10% SHALL BE REQUIRED TO INSTALL AN ENERGY DISSIPATION DEVICE PRIOR TO CONVEYING THE STORM WATER RUNOFF INTO THE PUBLIC RIGHT-OF-WAY.
- SWALES SHALL NOT BE INSTALLED WITHIN THE PUBLIC RIGHT-OF-WAY.

4 ROCK LINED DRAINAGE SWALE NTS



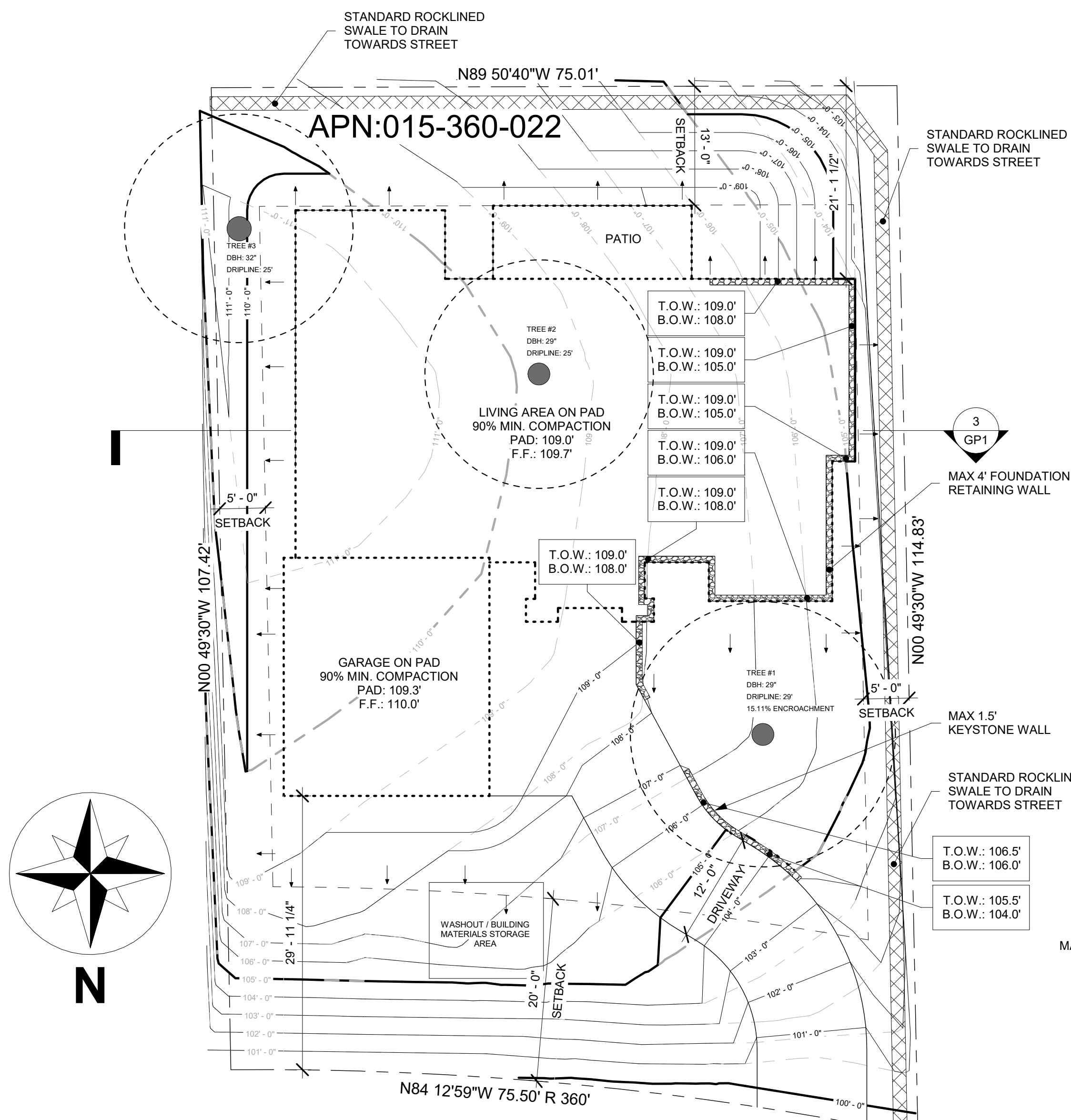
2 G - DRIVEWAY PROFILE SCALE ABOVE

TREE LEGEND	
TREE #1	PRESERVED*
TREE #2	REMOVE
TREE #3	REMOVE

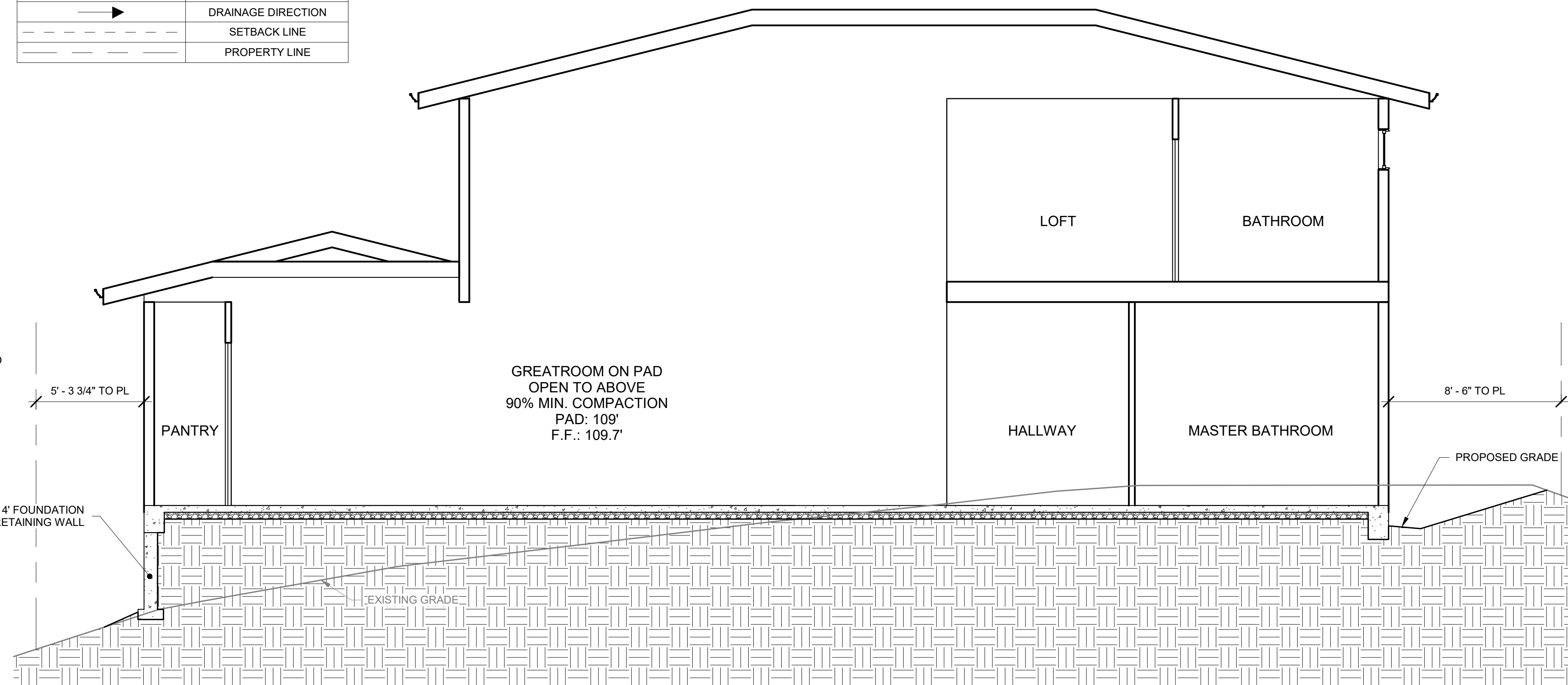
* TREE WILL BE ENCROACHED UPON. SEE PLAN FOR MORE INFORMATION.

LOT COVERAGE	
LOT SIZE	0.19 ACRE
SPACE USED	2,872 SQ-FT
LOT COVERAGE	34.7%

LEGEND	
—980'—	MAJOR CONTOUR (EXISTING)
—990'—	MINOR CONTOUR (EXISTING)
—980'—	MAJOR CONTOUR (NEW)
—990'—	MINOR CONTOUR (NEW)
-----	FIBER ROLL
FF	FINISHED FLOOR
RW	RETAINING WALL
→	DRAINAGE DIRECTION
- - - - -	SETBACK LINE
---	PROPERTY LINE



3 SECTION CUT 1/4" = 1'-0"



1 GRADING PLAN 1" = 10'-0"

TANGENT DESIGN & ENGINEERING
660 AUBURN FOLSOM RD #204
AUBURN, CA 95603
many@tangentide.com
PHONE: (916) 572-5955



450 DIAMOND OAKS RD
ROSEVILLE, CA 95678

GRADING PLAN

DATE	DESCRIPTION	REV #

GP1

Exhibit B

TDE

TANGENT DESIGN & ENGINEERING
 660 AUBURN FOLSOM RD #204
 AUBURN, CA 95603
 man@tangentde.com
 PHONE: (916) 572-5955



PROJECT NAME:
**450 DIAMOND OAKS RD
 ROSEVILLE, CA 95678**

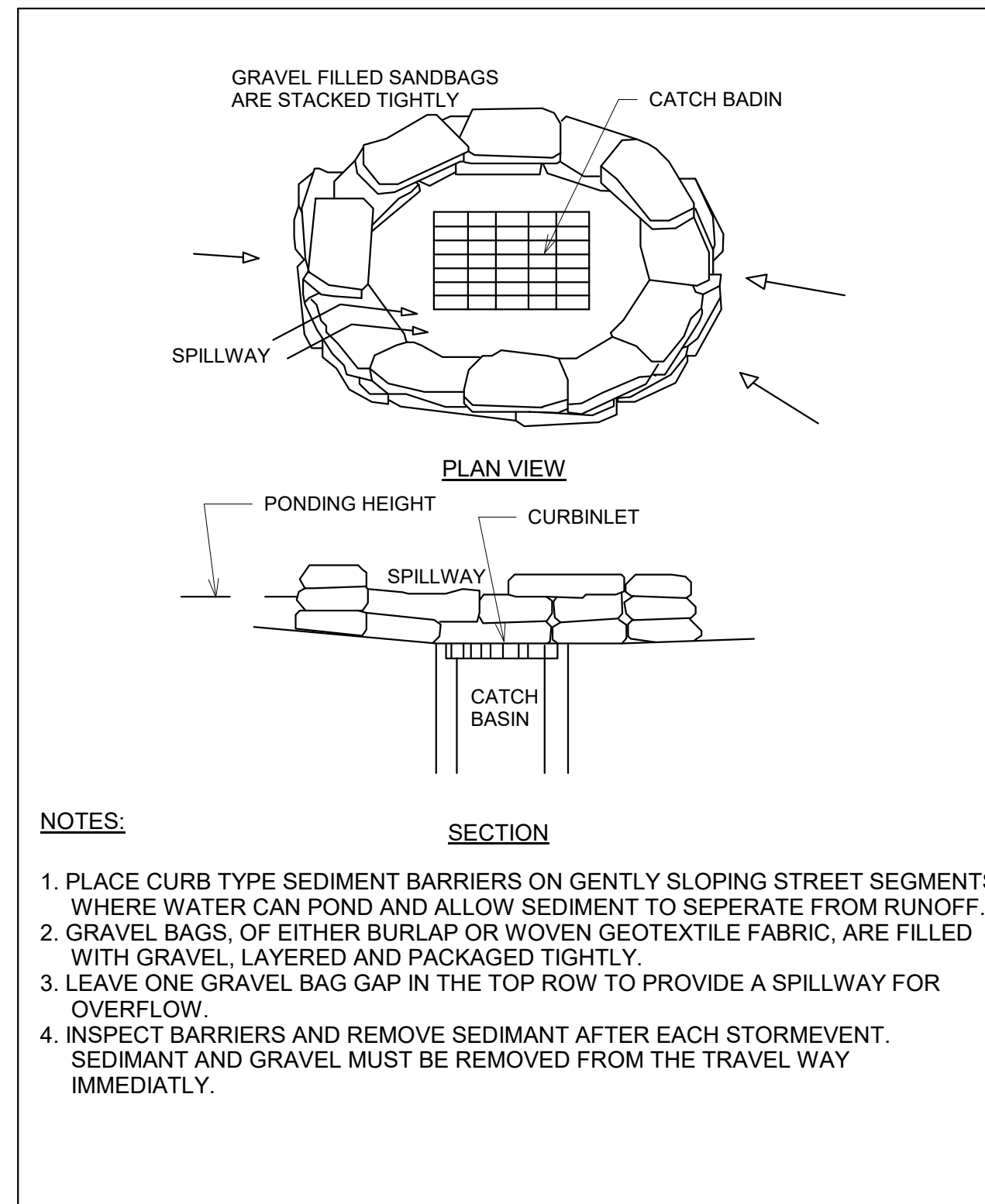
SHEET TITLE:
EROSION CONTROL

OWNER CONTACT:
 OLEG MAKOVEY
 OLEG@MAKOVINC.COM
 PROJECT: 1-249
 DESIGNED: NY
 DRAWN: NY
 DATE: 12/20/20 4:14:35 PM

SHEET:
GP2

BMP SCHEDULE

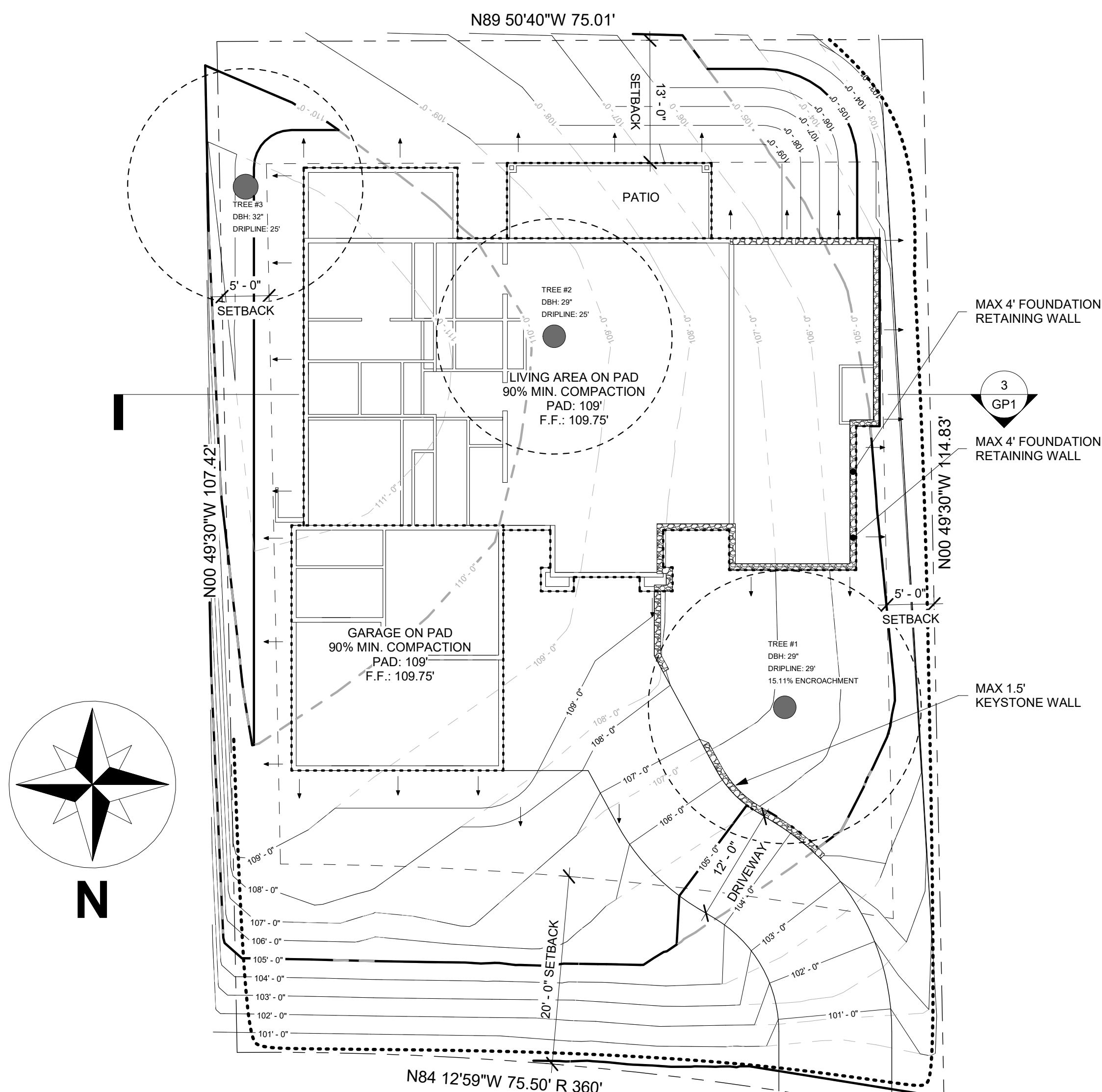
CONSTRUCTION PHASE	WET SEASON					DRY SEASON						
	HYDROSEEDING	STRAW MULCHING & TACTIFIER	PRESERVATION OF EXISTING VEGETATION	FIBER ROLLS	DUST CONTROL	SAND/GRAVEL BAGS BARRIERS	STORM DRAIN INLET PROTECTION	SEDIMENT TRAPS	DEWATERING	DI STENCILING	STABILIZED CONSTRUCTION ENTRANCE	MATERIAL & WASTE DISPOSAL LOCATION
ON-SITE EARTHWORK	○		○	○	○	○	○	○			○	○
STORM DRAIN IMPROVEMENTS			○	○	○	○	○				○	○
CURB AND GUTTER PAVEOUT			○	○	○	○	○					○
POST-CONSTRUCTION	○		○									



COMMON NAME (BOTANICAL NAME)	% PURITY	% GERMINATION	SEEDING RATE PER ACRE
BERMUDA GRASS (CYNODON DACTYLON)	95%	85%	10 POUNDS
BLANDO BROME (BROMUS MOLLIS)	95%	85%	15 POUNDS
ZARRO FESCUE (VULPIA MYUROS)	90%	80%	10 POUNDS
CALIFORNIA BROME (BROMUS CARINARUS SSP CALIFORNIUM - NATIVE)	95%	85%	5 POUNDS
MEADOW BARLEY (HORDEUM BRACHYANTHERUM)	90%	80%	8 POUNDS
CALIFORNIA POPPY (ESCHSCHOLZA CALIFORNICA)	98%	75%	5 POUNDS
ROSE CLOVER - HYGON; INOCULATED SEED (TRIFOLIUM HIRTUM)	98%	85%	7 POUNDS
TOTAL:			60 POUNDS

NOTES:

1. EROSION CONTROL BMP'S SHALL BE IN PLACE PRIOR TO ANY STORM EVENTS.
2. BMP'S SHALL BE PROJECT SPECIFIC AND ARE NOT LIMITED TO THE MINIMUM REQUIREMENTS SHOWN IN THE ABOVE TABLE. THE ABOVE BMP'S SHOULD BE INSPECTED WEEKLY, BEFORE AND AFTER SIGNIFICANT RAINFALL. VEGETATION MULCHES ARE NOT INTENDED TO BE PERMANENT AND ONCE PLANT GROWTH IS STABLE, IT DOES NOT HAVE TO BE MAINTAINED.
 1-PERIMETER PROTECTION
 2-IN CONJUNCTION WITH SECONDARY MEASURE AFTER SEPTEMBER 15TH



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LOT COVERAGE	34.7%

LEGEND	
— 980' —	MAJOR CONTOUR (EXISTING)
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