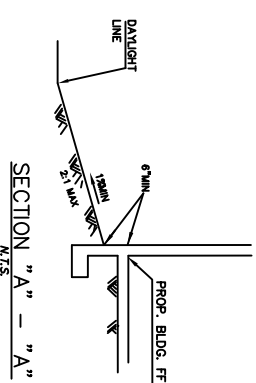
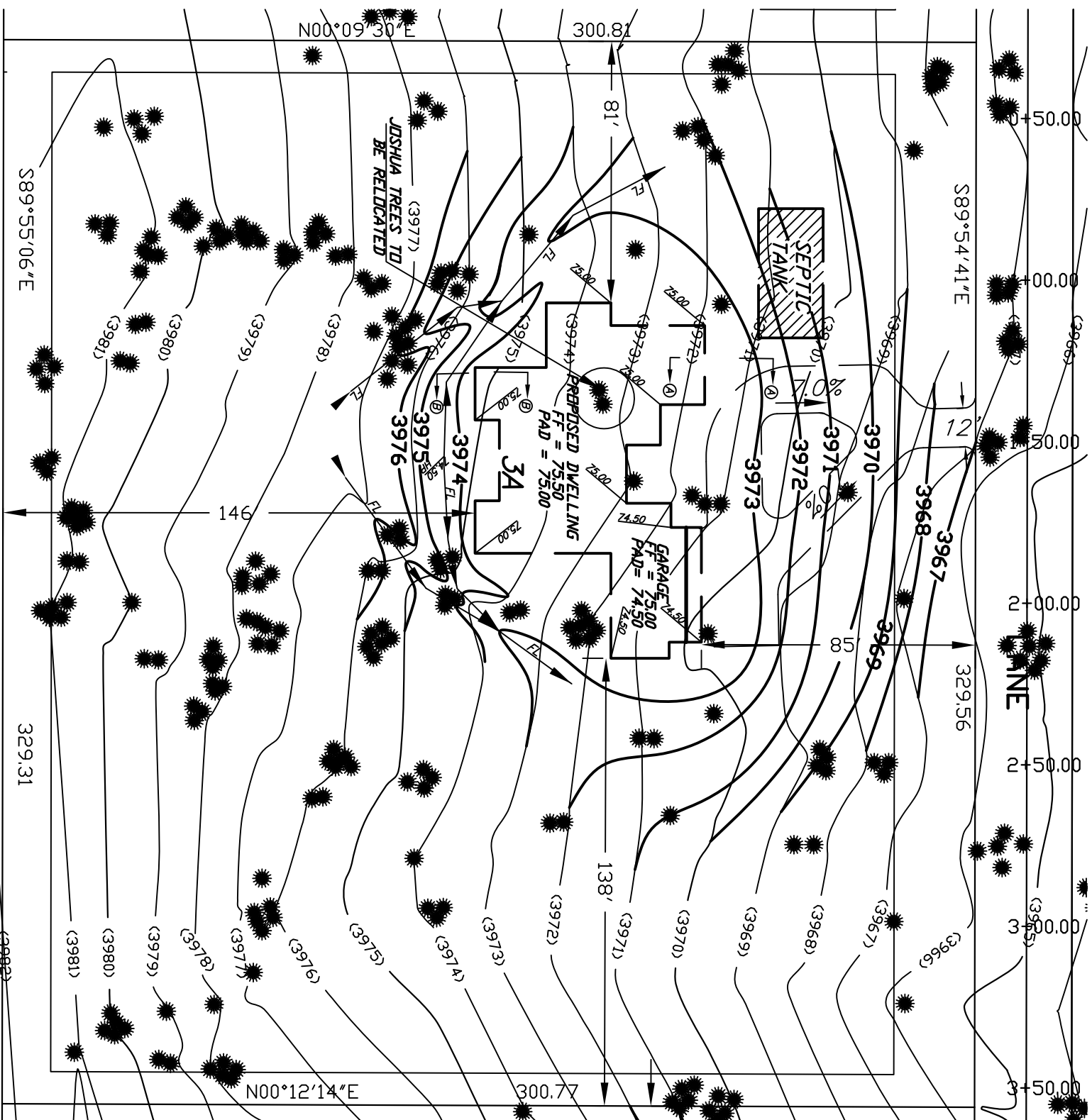
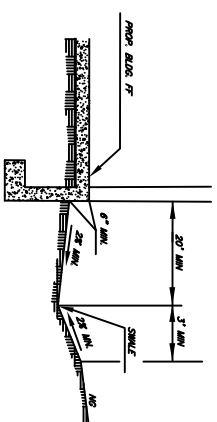


***GRADING PLAN***  
***APN 3068-301-13***

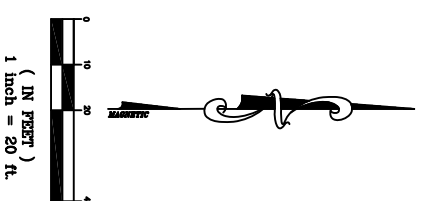


SECTION "A" - "A"  
N.T.S.



*TYPICAL SWALE SECTION*  
SECTION "B" - "B"  
*N.T.S.*

**EARTHWORK NOTE:**  
EARTH WORK QUANTITIES ARE RAW ESTIMATES ONLY; THEY DO NOT REFLECT SUBSIDENCE OR ANY MATERIAL GENERATED BY UTILITY, TRENCHING AND BUILDING FOOTINGS. THE QUANTITIES SHOWN ABOVE ARE INTENDED FOR USE IN ESTABLISHING GOVERNING AGENCY FEES. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE QUANTITIES FOR BID PURPOSES. ANY EXPORT OR IMPORT REQUIRED TO BALANCE THE SITE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.



( IN FEET )  
1 inch = 20 ft.

[illegible]

**SUPPLEMENTAL GRADING NOTES**

1. NO TIL TO BE PLACED UNTIL STRIPPING OF VEGETATION, REMOVAL OF UNSUITABLE SOILS AND INSTALLATION OF SUBGRADE. IF ANY, HAS BEEN INSPECTED AND APPROVED BY THE SOILS ENGINEER.
2. NO ROCK OR SHAPEL MATERIAL, 6" OR GREATER IN DIAMETER WILL BE PLACED IN THE TIL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE SOILS ENGINEER IN ADVANCE AND APPROVED BY THE BUILDING OFFICIAL.
3. ALL TIL SHALL BE PLACED TO THE DEPTH SPECIFIED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS OR RECEIVED BEFORE ANY ADDITIONAL TILS ARE ADDED.
4. ATTEMPS TO RECEIVE TIL SHALL BE PROPERLY PREPARED AND APPROVED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS AND SOILS ENGINEER PRIOR TO THE PLACING OF TIL.
5. TILS SHALL BE BLENDED IN COMPETENT MATERIAL, AS REQUIRED IN SOILS REPORT.
6. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER PREPARATION AND APPROVAL CONCERNING THE PREPARATION OF GRADE TO RECEIVE TILS. TESTING FOR COMPACTNESS, STABILITY OF ALL FINISH SLOPES AND THE DESIGN OF BUSINESS TILS, WHERE REQUIRED, INCORPORATING DATA SUPPLIED BY THE ENGINEERING GEOLOGIST AND INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODES WITHIN THEIR PLACEMENT.
7. THE DESIGNER SHALL PROVIDE SUFFICIENT SUPERVISORY CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH ALL CODES AND ORDINANCES WITHIN HIS JURISDICTION.
8. SWAMPY PLACES SHALL BE MAINTAINED ON THE SITE.
9. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITTEE.

**SPECIAL NOTE FROM PRIVATE ENGINEER TO CONTRACTOR:**

[illegible]

**TESTING AND INSPECTION NOTES:**

1. TEST WILL BE CONDUCTED TO NOT LESS THAN 80% OF MAXIMUM DENSITY AS DETERMINED BY ASTM SOFTENING POINT TEST 515-67-702.
2. NOT LESS THAN ONE FIELD DENSITY TEST WILL BE MADE FOR EACH 2 FEET VERTICAL OF FILL, NOR LESS THAN ONE SUCH TEST FOR EACH 1,000 CUBIC YARDS OF MATERIAL PLACED.
3. FIELD DENSITY WILL BE DETERMINED BY THE SAND-CONE METHOD ASTM D1556-64, IN THE-GRANULATED, COARSEST SOILS FIELD DENSITY WILL BE DETERMINED BY THE SAND-CONE METHOD.
4. THE METHOD OF DETERMINING THE PROPORTION OF FILLING FIELD DENSITY SHALL BE DETERMINED BY THE SOIL ENGINEER.
5. THE CONNECTION REPORT OTHER METHODS MAY BE USED IF RECOMMENDED BY THE SOIL ENGINEER AND APPROVED IN ADVANCE BY THE BUILDING OFFICIAL.
6. DENSITY TESTS WILL BE MADE AT POINTS APPROXIMATELY ONE FOOT BELOW THE FILL SURFACE. ONE TEST WILL BE MADE FOR EACH 1,000 CUBIC YARDS OF FILL.
7. ALL PLOTS AT RAISED GRADING WILL HAVE A MINIMUM SLOPE OF 1% TOWARD THE STREET OR DESIGNATED DRAINAGE OUTLET.
8. ENGINEER SHALL SET GRADE STAKES FOR ALL DRAINAGE DEVICES AND INSPECTIONS SHALL BE OBSERVED DURING PLACING.
9. THE FINAL CONNECTION REPORT AND APPROVAL, FROM THE SOILS ENGINEER SHALL CONTAIN THE TYPE OF FIELD TESTING PERFORMANCE.
10. EACH TEST SHALL BE IDENTIFIED WITH THE METHOD OF OBTAINING THE IN-PLACE DENSITY, WHETHER SAND-CONE, DAME-NECK, OR OTHER METHOD.
11. THE FIELD DENSITY TESTS SHALL BE IDENTIFIED WITH THE DETERMINATIONS SHALL BE FURNISHED TO THE BUILDING OFFICIAL.
12. THE COORDINATE OF THE MAXIMUM DENSITY CURVES USED BY THE FIELD ENGINEER SHALL BE FURNISHED TO THE BUILDING OFFICIAL.
13. ALL TRENCH BACKFILL SHALL BE TESTED AND APPROVED BY THE SOILS ENGINEER FOR THE GRADING CODE.

#### **ABBREVIATIONS:**

[illegible]

----- = JOSHUA TREE

--- = TRI

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RECOMMENDED / APPROVED BY _____		

RECOMMENDED/ APPROVED BY \_\_\_\_\_  
LAND DEVELOPMENT ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

LAND DEVELOPMENT ENGINEER	DATE	LAND DEVELOPMENT ENGINEER	DATE
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# GRADING PLAN

**APN 3068-301-13**

W.O. NO.	
ROAD NO.	

1 OF 1