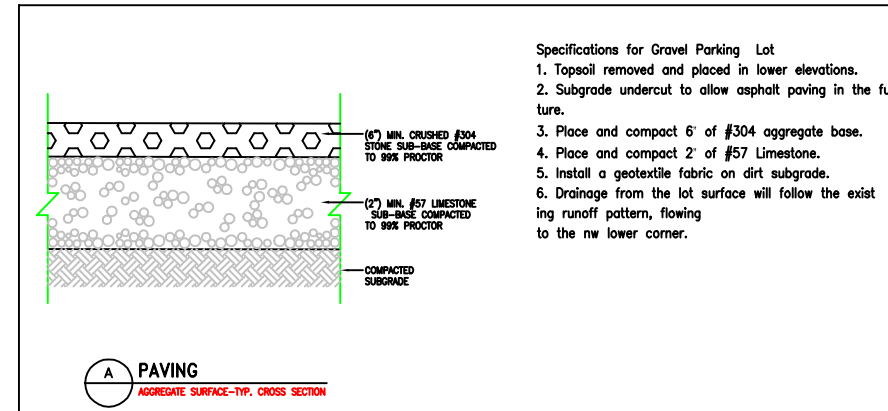




Adjoiner:
National Packaging Company, Inc.
Deed 2002, Page 6004



Specifications for Gravel Parking Lot

1. Topsoil removed and placed in lower elevations.
2. Subgrade undercut to allow asphalt paving in the future.
3. Place and compact 6' of #304 aggregate base.
4. Place and compact 2' of #57 Limestone.
5. Install a geotextile fabric on dirt subgrade.
6. Drainage from the lot surface will follow the existing runoff pattern, flowing to the nw lower corner.

Drainage Calculations: Pre-Development

Total Area = 1.66 Acres
Runoff "C" Value = 0.75
Time of Concentration = $0.0078 \left(\frac{L^{3/2}}{H^{1/2}} \right)^{0.770}$
L = 353.1'
H = 3.83'
 $T_c = 4.07$ min, use 5.0 as minimum

Intensity, From I-D-F Curves = 7.3 "/Hr for 10-Year Frequency

Runoff, $Q = C \cdot I \cdot A$
 $Q = 9.09$ cfs

Runoff directed to NE corner of tract, to existing ditch to east.

Drainage Calculations: Post Development

Total Area = 1.66 Acres
Runoff "C" Value = 0.85
Time of Concentration = $0.0078 \left(\frac{L^{3/2}}{H^{1/2}} \right)^{0.770}$
 $L = 353.1'$
 $H = 3.83'$
 $T_c = 4.07$ min, use 5.0 as minimum
Intensity, From I-D-F Curves = 7.3 "/Hr for 10-Year Frequency

Runoff, $Q = C i A$
 $Q = 10.30$ cfs

Runoff directed to NE corner of tract, to existing ditch to east.

GENERAL LEGEND	
○	IRON PIPE (SEE COVER) FOUND
○	1/4" IRON PIPE (SEE CAP REMOVED)
○	GRIND 3000-S
(V)	ACCORDING TO THE RECORD PLAT
(V)	ACCORDING TO GROUND SURVEY MEASUREMENTS
—	SANITARY SEWER MAIN
—	SANITARY SEWER BRANCH
⊙	SANITARY SEWER CLEAN OUT
⊙	ELECTRIC UTILITY BOX
⊙	ELECTRIC TRANSFORMER 15/30 KVA
○	POLE
[]	POLE
[]	GAS SIGN
[]	WATER METER
[]	WATER VALVE
[]	PIPE HYDRANT
⊙	IRRIGATION VALVE
⊙	ROOF DRAIN
⊙	BRIDGE WIND STORM INLET
⊙	DRIVE WIND STORM INLET
⊙	REINFORCED CONCRETE PIPE
[]	AREA LIGHT
[]	BOX
[]	MAIL BOX
[]	TELEPHONE PERSHALL
[]	CEILING PERSHALL
[]	AC AIR CONDITIONING UNIT
[]	HANDCAP SPACE

NOT ORIGINAL WITHOUT RED SEAL AND SIGNATURE

SEAL

Field Book:	Pages:	Drawing #:
Possession Survey Completed:		
Field Survey Completed:		
Final Plot Completed:		
Revision	Date	By

The property is shown on the Federal Emergency Management Agency's Flood Insurance Rate Maps, #01103C0086F, dated 8/16/2018, to be located in Flood Zones "AE" and "X".

SITE PLAN FOR: CHAD OGLE
113 Lenwood Road SW
Decatur, AL 35603

Deed 2017, Page 1468
Alabama One-Call Ticket # 203511054

Date: 12/21/20

Computer File No.

Work Order No:	
----------------	--

Calculator File:	
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Zoned M-1

Deed Area
72367.1868 Square Feet
1.6613 Acres

Scale:

Sheet 1 of 1