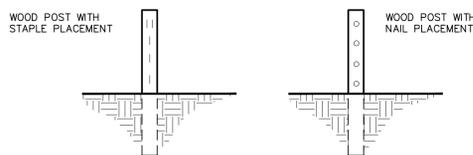
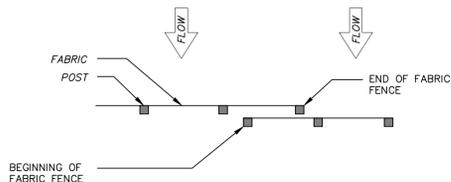




TYPE	MIN. LENGTH	TYPE OF POST	SIZE OF POST
NS	4'	SOFT WOOD OAK STEEL	3" DIA OR 2X4 1.5" X 1.5" 1.15 lb / ft MIN.
S	4'	STEEL OAK	1.15 - 1.25lb / ft MIN. 2" X 2"

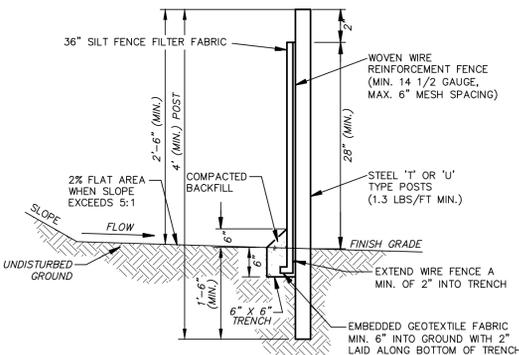
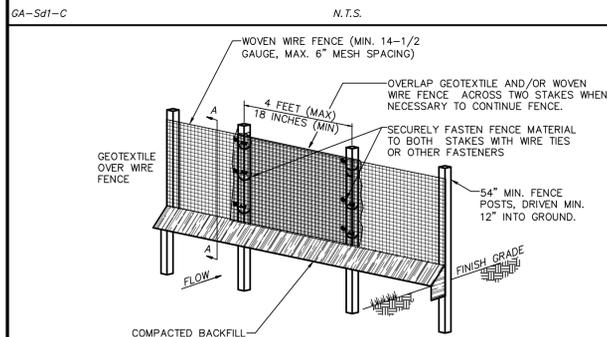
	GAUGE	CROWN	LEGS	STAPLES/ POST
WIRE STAPLES	17 MIN.	3/4" WIDE	1/2" LONG	5 MIN.
	GAUGE	LENGTH	BUTTON HEADS	NAIL/ POST
NAILS	14 MIN.	1"	3/4"	4 MIN.



NOTES:  
1. THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER AROUND THE INLET.

### SILT FENCE JOINTS

NOT TO SCALE



### SILT FENCE DETAIL 1

NOT TO SCALE

GA-Sd1-C N.T.S.

# REFERENCE PLAN - PREVIOUSLY APPROVED LDP MASTER SITE PLAN CIRCA 2017

SITE AREA:	Lot 1 = 10956 Lot 2 = 10142 Lot 3 = 9505 TOTAL = 24603 24603 sq ft = 0.68 ACRES (EXCLUDES AREAS IN PUBLIC RIGHT-OF-WAY)
DISTURBED SITE AREA:	28571 sq ft = 0.54 ACRES (EXCLUDES AREAS IN PUBLIC RIGHT-OF-WAY)
IMPERVIOUS AREA:	Lot 1 = 2495 Lot 2 = 2547 Lot 3 = 2106 TOTAL = 7148
PERCENT IMPERVIOUS:	7148 sq ft = 0.16 ACRES (EXCLUDES AREAS IN PUBLIC RIGHT-OF-WAY 24% OF TOTAL SITE AREA)
EXISTING ZONING:	RD CONDITIONAL
NUMBER OF UNITS:	3 = 4.41 UPA (PLAT SHOWS 3.9 UPA BASED ON ORIGINAL LOT SIZE PRIOR TO ROW DEDICATION)
PARKING SPACES:	OFF STREET PARKING FOR TWO CARS PER LOT IS PROVIDED
WATER & SEWER:	CITY OF SMYRNA
POWER PROVIDER:	GEORGIA POWER
STATE WATERS:	THERE ARE NO STATE WATERS ON SITE OR WITHIN 200 FEET

### WATER QUALITY VOLUME

NEW LOT  
Total On-Site Area = 0.68 acres  
Impervious Area (max 45%) = .31 acres

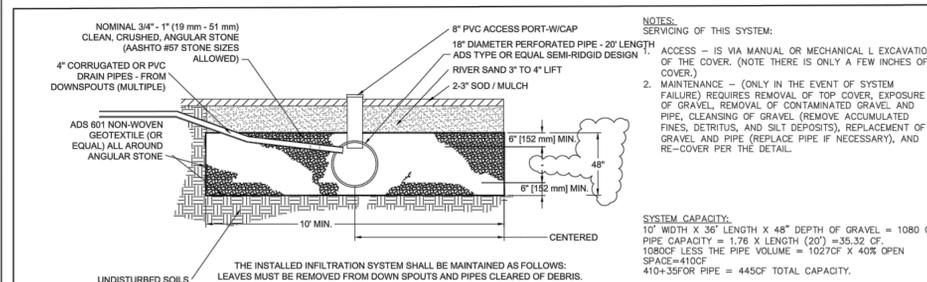
$$WQV = (1.2RVA)/12 \text{ where } Rv = 0.05 + 0.009(I);$$

$$I = \text{Impervious area/Total area}$$

$$Rv = 0.05 + 0.009(0.45) = 0.05 + 0.00405 = 0.05405$$

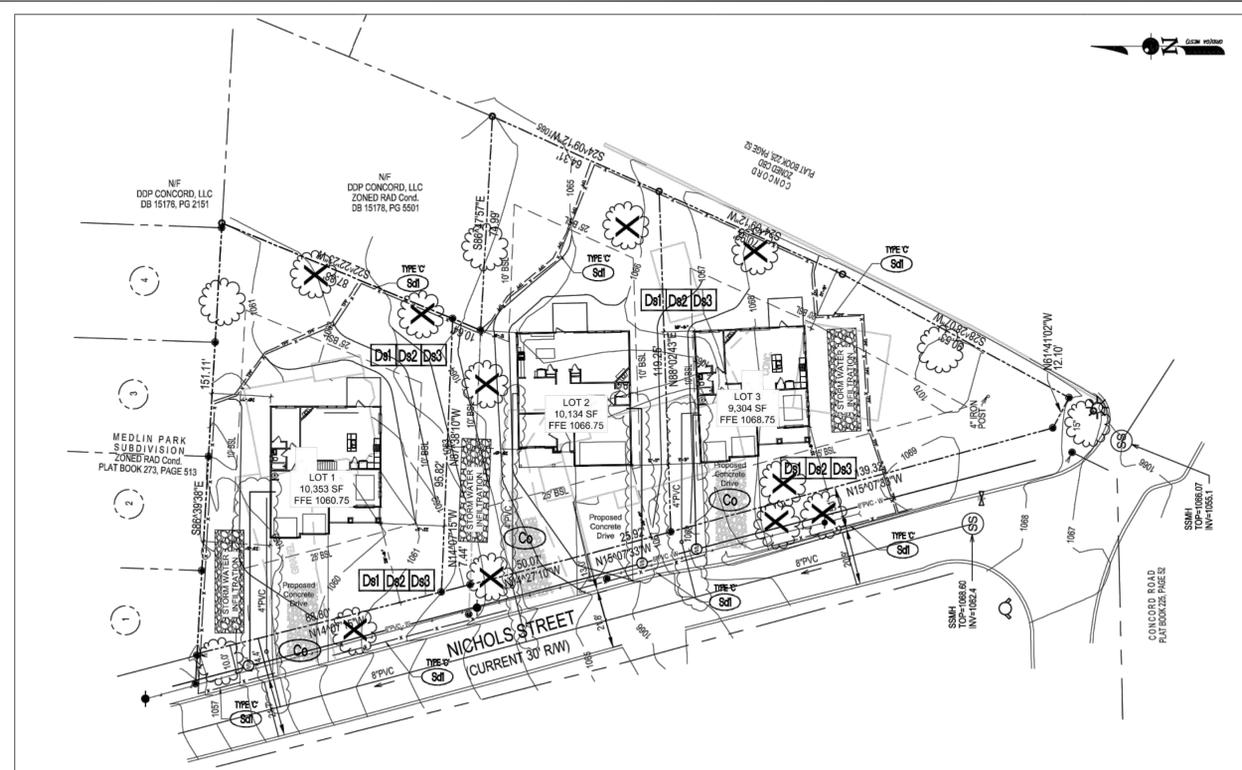
$$WQV = (1.2RVA)/12 = [(1.2)(0.45)(0.05405)]/12 = 0.03 \text{ ac-ft} = 1307 \text{ cu.ft.}$$

1335 CU. FT. PROVIDED SEE BELOW. (445 CF PER LOCATION - 3 LOCATIONS PROPOSED.)



### 1 INFILTRATION BASIN DETAIL - RETENTION

NOTES:  
• Developer will tap water main  
• Developer will install water services and set water meter box per city specifications  
• City will set water meter  
• Developer will tap sewer main and install sewer tap lateral per city specifications



- NOTES:
- THESE LOTS HAVE BEEN PLANNED WITH THEIR OWN UNDERGROUND INFILTRATION SYSTEM SO THAT NO HOA, RESTRICTIVE COVENANTS, OR SHARED ACCESS AGREEMENTS SHALL BE REQUIRED.
  - ALL GUTTERS SHALL BE TIED INTO THE INFILTRATION CHAMBER USING PVC OR FLEXIBLE DRAIN PIPE. GUTTERS ARE REQUIRED ON ALL ROOF EDGES OTHER THAN GABLES.
  - ALL DOWN SPOUTS SHALL HAVE LEAF AND DEBRIS FILTERS, STRAINERS, OR LEAF GUARDS. (WITHOUT THEM THIS SYSTEM WILL FAIL QUICKLY).
  - EACH P.O.C. BETWEEN A DOWN SPOUT AND DRAIN PIPE SHALL HAVE A 4" CLEAN OUT FOR REMOVAL OF ACCUMULATED LEAF DEBRIS AND SERVICING THE PIPES. A "FIRST FLUSH" SYSTEM IS RECOMMENDED.
  - EACH LOT SHALL HAVE AN UNDERGROUND STORM WATER MANAGEMENT SYSTEM AS DETAILED. THE SIZE REQUIRED IS 10' BY 36" BY 4" MIN. THE SIZE CAN BE MODIFIED AS LONG AS THE TOTAL VOLUME IS NOT LESS. THE HOLDING CAPACITY SHALL NOT BE LESS THAN REQUIRED FOR THE WATER QUALITY CALCULATIONS PROVIDED ON THIS PLAN.
  - THE RECOMMENDED SYSTEM IS TO INSTALL AN INFILTRATION BASIN USING A SYNTHETIC LINER, 18" PERFORATED ADS PIPE, BACK FILLED WITH CLEAN WASHED GRAVEL AND COVER WITH 2-4" OF RIVER SAND.

OWNER/DEVELOPER  
CONTACT: RICK KOLB  
PHONE: (404) 518-3542



NICHOLS HEIGHTS SUBDIVISION Lots 1-3  
Now or Formerly Lots 8-12, Block B, Mrs. O.E. Pickens Subdivision  
Land Lot 486, 17th District, 2nd Section, Cobb County, Georgia  
FOR KIMBERLY NORWOOD

Date: 3/10/21  
Description: 21017 Zoning  
7/17/17 PERMITTING  
8/17/17 ENG. COMMENTS

PROJ. NO: 2017-02  
DESIGN: sm  
DRAWING: sm  
CHECKED: sm  
DATE: 3/10/2017  
SCALE: 1"=20'-0"

SITE PLAN  
EROSION CONTROL  
PLAN

S1



SJM MURPHY, LLC.  
3282 LEE STREET S.E.  
SMYRNA, GEORGIA, 30080  
770.630.9205 WWW.SEANJMURPHY.COM



Know what's below.  
Call before you dig.

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE EITHER UNKNOWN OR ARE INADEQUATELY LOCATED ON THESE PLANS. IN NO CASE HAVE ANY UTILITIES BEEN FIELD VERIFIED BY SJM MURPHY, LLC. THE CONTRACTOR SHALL DETERMINE EXACT LOCATIONS OF ALL EXISTING UTILITIES IN THE AREA OF CONSTRUCTION PRIOR TO COMMENCING WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES TO ALL UNDERGROUND UTILITIES CAUSED BY HIS/HER PROJECT WORK.

NOTICE:  
CONSTRUCTION SAFETY AND THEFT PREVENTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR THE OWNER.

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24 HOUR EMERGENCY CONTACT  
LISA BERRY  
616-901-9695

JOSH & LISA BERRY  
3083 NICHOLS ST.  
Smyrna, Georgia 30080

3083 NICHOLS STREET  
CITY OF SMYRNA  
LAND LOT 486, 17TH DIST. AND SECTION  
LOT 3 NICHOLS HEIGHTS SUBDIVISION  
COBB COUNTY, GEORGIA

DATE 5/20/2024

REVISIONS



0 5 10

DRAWN BY: SJM  
CHECKED BY: SJM

PROJECT MANAGER: SJM

JOB #: 2024-02

SITE PLAN

SHEET NO. S-2