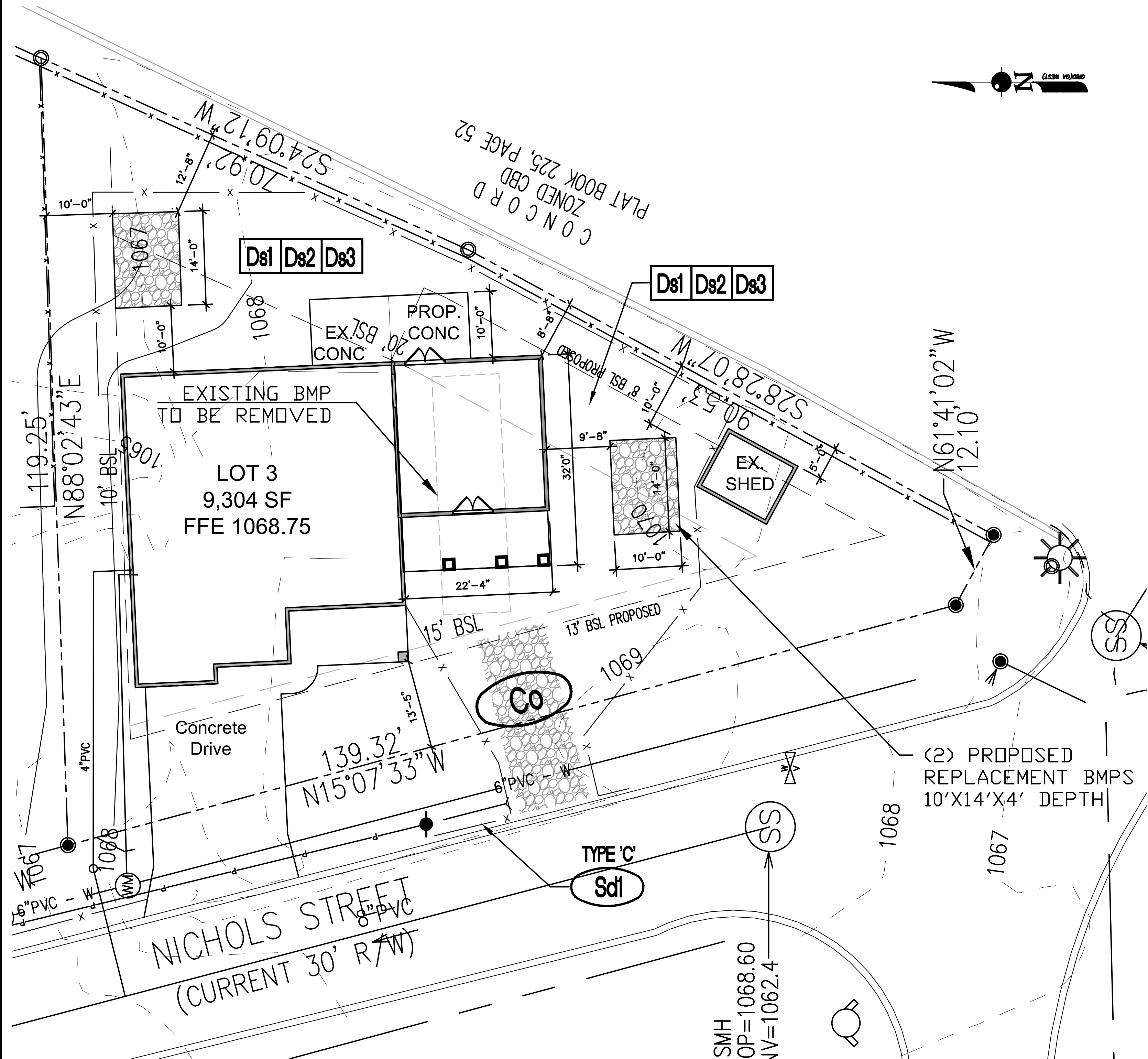


- NOTES:
SERVICING OF THIS SYSTEM:
1. ACCESS - IS VIA MANUAL OR MECHANICAL L EXCAVATION OF THE COVER. (NOTE THERE IS ONLY A FEW INCHES OF COVER.)
 2. MAINTENANCE - (ONLY IN THE EVENT OF SYSTEM FAILURE) REQUIRES REMOVAL OF TOP COVER, EXPOSURE OF GRAVEL, REMOVAL OF CONTAMINATED GRAVEL AND PIPE, CLEANSING OF GRAVEL (REMOVE ACCUMULATED FINES, DETRITUS, AND SILT DEPOSITS), REPLACEMENT OF GRAVEL AND PIPE (REPLACE PIPE IF NECESSARY), AND RE-COVER PER THE DETAIL.

SYSTEM CAPACITY:
4195F X 33" DEPTH OF GRAVEL = 1152.25 CF
1152.25CF X 40% OPEN SPACE=460.9CF TOTAL CAPACITY.
461>445CF REQUIRED

1 INFILTRATION BASIN DETAIL - RETENTION



SITE DATA

SITE AREA:	9304sf = 0.21 ACRES (EXCLUDES AREAS IN PUBLIC RIGHT-OF-WAY)	WATER & SEWER:	CITY OF SMYRNA
DISTURBED SITE AREA:	3500sf = 0.54 ACRES (EXCLUDES AREAS IN PUBLIC RIGHT-OF-WAY)	POWER PROVIDER:	GA POWER
IMPERVIOUS AREA:	3395sf = 0.078AC ACRES (EXCLUDES AREAS IN PUBLIC RIGHT-OF-WAY)	STATE WATERS:	NONE
PERCENT IMPERVIOUS:	36% OF TOTAL SITE AREA	FLOOD PLAIN:	NONE
EXISTING ZONING:	RAD CONDITIONAL	FRONT SETBACK:	15'
PARKING SPACES:	OFF STREET PARKING FOR TWO CARS PER LOT IS PROVIDED	REAR SETBACK:	20'
WATER & SEWER	CITY OF SMYRNA	SIDE SETBACKS:	10'
POWER PROVIDER	GEORGIA POWER	MAX HEIGHT:	35'
STATE WATERS	THERE ARE NO STATE WATERS ON SITE OR WITHIN 200 FEET		

- LOT #3 SPECIAL NOTES:
1. THE SUBJECT HOME LOCATED AT 3083 NICHOLS ST. IS LOCATED IN THE NICHOLS HEIGHTS SUBDIVISION CONSTRUCTED IN 2017 ON BEHALF OF KIMBERLY NORWOOD. THE EXISTING IMPERVIOUS COVER IS 24% AND WELL BELOW THE MAXIMUM ALLOWED. THE PROPOSED IMPROVEMENTS WILL INCREASE THE IMPERVIOUS BUT NOT ABOVE THE ALLOWED 45% MAXIMUM FOR THIS ZONING.
 2. SEAN J MURPHY IS LISTED ON THE ORIGINAL LDP PLANS AS THE PLANNER& ENGINEER FOR THE PROJECT. BASED ON THE DATE OF THE PLANS AND THE STAMPED APPROVED SET SHOULD BE ON FILE WITH THE CITY OF SMYRNA.
 3. THE SUBJECT DEVELOPMENT WAS ZONED AND APPROVED FOR AN LDP AND CONSTRUCTED IN OR AROUND 2017.
 4. THE DEVELOPMENT WAS CONSTRUCTED WITH APPROVED STORM WATER FACILITIES. AN GRAVEL FILLED INFILTRATION DEVICE WAS TO BE LOCATED AT THE SOUTH SIDE OF THE NEW HOME WITH 445CF OF HOLDING VOLUME.
 5. FOR LOT #3, IT IS KNOWN THAT THE LOT WAS GRADED AND BUILT ACCORDING TO THE ORIGINAL PLANS.
 6. AN ON SITE INSPECTION WAS CARRIED OUT BY SJ MURPHY, LLC TO DETERMINE IF THE LOT HAD ANY EXISTING DRAINAGE FEATURES NOT INDICATED ON THE FINAL PLANS. NO ADDITIONAL DRAINAGE FEATURES WERE FOUND. THE REAR OF THE LOT DRAINS GENERALLY TO THE NORTH. THIS LOT IS THE HIGH POINT OF THE LOCAL AREA AND NO WATER FLOWS ONTO THIS LOT FROM OFF SITE.
 7. DUE TO THE ABOVE DATA, THE APPLICANT PROPOSES TO ADDRESS THE IMPACTS TO THE EXISTING BMP BY CONSTRUCTING TWO (2) NEW BMP DEVICES OF SIMILAR MATERIALS TO PROVIDE THE TOTAL REQUIRE VOLUME.
 8. THE TOTAL DISTURBANCE NECESSARY TO CONSTRUCT THE ADDITION AND BMPs IS LESS THAN 3000 SF AND CAN BE CONSTRUCTED USING SMALL EQUIPMENT.
 9. THE DETAILS AND PLANS CALL FOR LANDSCAPING OF THE DISTURBED AREAS.
 10. TEMPORARY EROSION CONTROL MEASURES ARE PROPOSED TO SURROUND THE SITE AND THE SITE SHALL BE SEEDED, SODDED, MULCHED, AND LANDSCAPED IN SOME COMBINATION WHEN COMPLETED.
 11. 1120 CU. FT. OF SOIL FROM BMP EXCAVATION SHALL BE HAULED OFF SITE TO BE SOLD TO OTHERS.
 12. NO GRADED SLOPE SHALL EXCEED 2H:1V
 13. ALL GUTTERS ARE REQUIRED TO BE TIED INTO THE INFILTRATION CHAMBER USING PVC OR FLEXIBLE DRAIN PIPE. GUTTERS ARE REQUIRED ON ALL ROOF EDGES OTHER THAN GABLES.
 14. ALL DOWN SPOUTS SHALL HAVE LEAF AND DEBRIS FILTERS, STRAINERS, OR LEAF GUARDS. (WITHOUT THEM THIS SYSTEM WILL FAIL QUICKLY).
 15. 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.
- THE LOT SHALL HAVE AN UNDERGROUND STORM WATER MANAGEMENT SYSTEM AS DETAILED.

- GENERAL NOTES:
- THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF NECESSARY EROSION CONTROL BMPs TO PREVENT SILT AND SEDIMENT FROM LEAVING THE SITE DURING CONSTRUCTION.
 - THE APPLICANT/DESIGNER/CONTRACTOR ARE RESPONSIBLE FOR ANALYZING EXISTING DRAINAGE PATTERNS AND ASSURING THE PROPOSED IMPROVEMENTS DO NOT CREATE AN ADVERSE IMPACT TO OFFSITE PROPERTIES.
 - ALL BMPs ARE TO BE INSPECTED TO CONFIRM DIMENSION, SLOPES, AND FINAL COVER.
 - THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRING WITH, LAND DISTURBING ACTIVITIES.
 - EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL MEASURES BEYOND THE APPROVED PLAN SHALL BE IMPLEMENTED IF NECESSARY.
 - DISTURBED AREAS IDLE 14 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION. DISTURBED AREAS LEFT IDLE 30 DAYS SHALL BE STABILIZED WITH PERMANENT VEGETATION.
 - EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST WEEKLY, AFTER EACH RAIN, AND REPAIRED AS NECESSARY. ADDITIONAL MEASURES SHALL BE INSTALLED IF FOUND NECESSARY BY ON-SITE INSPECTION.
 - SILT FENCE SHALL MEET THE REQUIREMENTS OF SECTION 171-TYPE "C" TEMPORARY SILT FENCE, OF THE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, 1993 EDITION.
 - A MODIFIED (BY SIZE) CONSTRUCTION EXIT (CO) WILL BE ERECTED AND MAINTAINED THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS IF DETERMINED TO BE NECESSARY BY ON SITE INSPECTION, IT WILL PREVENT THE TRACKING AND FLOW OF MUD FROM ENTERING THE PUBLIC ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.5"-3.5" STONE. ALL SEDIMENT DROPPED, WASHED, OR TRACKED ONTO THE ROADWAY WILL BE REMOVED IMMEDIATELY.
 - EROSION CONTROL SEEDING SCHEDULE (DS1, DS2, DS3). CONTRACTOR SHALL PROTECT ALL DISTURBED AREAS BY TEMPORARY RE-SEEDING UNTIL PERMANENT GROUND COVER IS ESTABLISHED (MAXIMUM 3 WEEKS).
 - SOIL PREPARATION: ADD 2 TONS OF LIME PER ACRE FOR PERMANENT GRASS. HAY MULCH FOR TEMPORARY COVER AT 5000 LBS. PER ACRE.
 - TOP DRESSING: APPLY WHEN PLANTS ARE 2-4 INCHES TALL
 - FERTILIZER: (AMMONIUM NITRATE 33%) 300 LBS PER ACRE.
 - SECOND YEAR FERTILIZER: (5-10-15) OR EQUIVALENT 500 LBS PER ACRE.

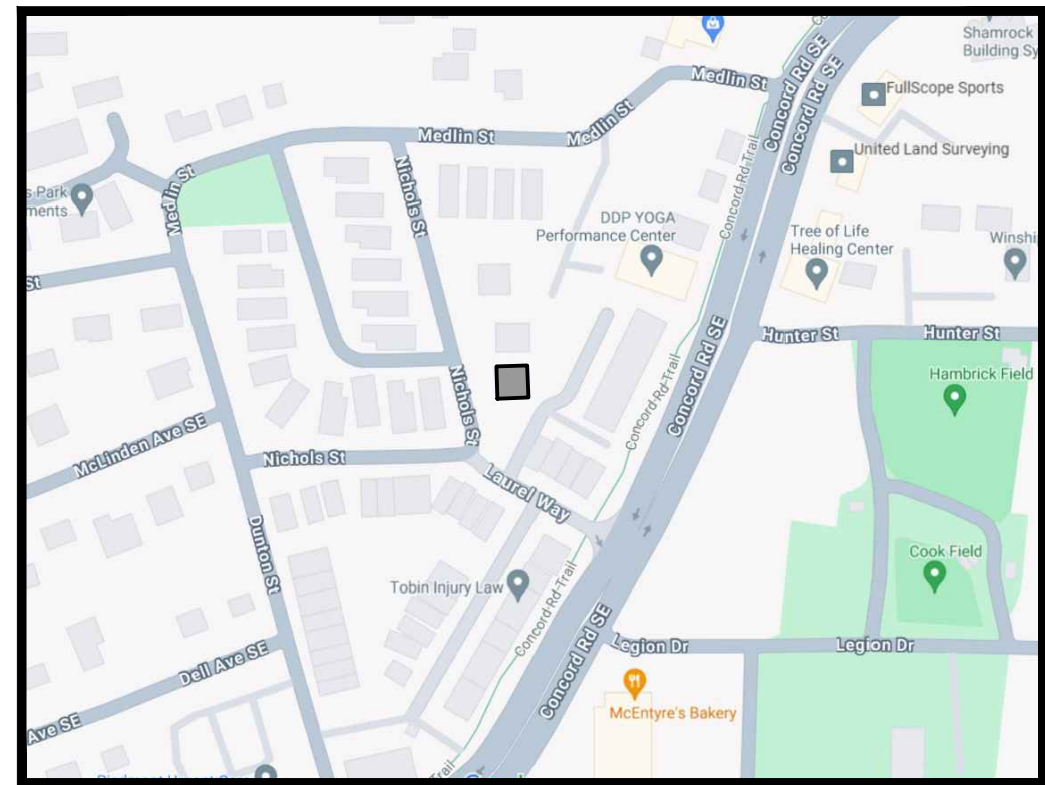
- SEEDING RATES:
- SUMMER 4/1-9/15 BERMUDA(HULLED) 10LBS PER ACRE
 - COOL 9/1-11/1 FESCUE KENTUCKY 31 50LBS PER ACRE
 - WINTER 11/1-4/15 ANNUAL RYE GRASS 50LBS PER ACRE

I) "I certify under penalty of law that this Plan was prepared after a site visit to the locations described herein by myself or my authorized agent, under my direct supervision."

Sean J. Murphy

GSWCC LEVEL II CERTIFIED DESIGN
PROFESSIONAL
CERTIFICATION # 00000754937

GSWCC CERTIFICATION



LOCATION MAP

SJM

SJMURPHY, LLC.
3282 LEE STREET S.E.
SMYRNA, GEORGIA, 30080
770.630.9205 WWW.SEANJLMURPHY.COM



Know what's below.
Call before you dig.
THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE EITHER UNKNOWN OR ARE APPROPRIATELY LOCATED ON THESE PLANS. IN NO CASE HAVE ANY UTILITIES BEEN FIELD VERIFIED BY SEAN J. MURPHY, LLC. THE CONTRACTOR SHALL DETERMINE EXACT LOCATIONS OF ALL EXISTING UTILITIES IN THE AREA OF CONSTRUCTION PRIOR TO COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES TO ALL UNDERGROUND UTILITIES CAUSED BY HIS/HER PROJECT WORK.

NOTICE:
CONSTRUCTION WITH SAFETY AND THEFT PREVENTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR THE OWNER.
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24 HOUR
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LISA BERRY
616-901-9695

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3083 NICHOLS ST.
Smyrna, Georgia 30080

3083 NICHOLS STREET
CITY OF SMYRNA
LAND LOT 486, 17TH DIST. 2ND 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-1

