

- 1) Disturbed areas left shall be stabilized with temporary vegetation after 14 days; after 30 days permanent vegetation shall be established.
- 2) **Silt Fence** - shall meet the requirements of Georgia Manual for Erosion & Sediment Control 2016 Edition (GS1-5).
- 3) **Maintenance Statement** - Erosion control measures will be inspected at least weekly, after each rain and repaired by the general contractor.
- 4) **Statement** - Additional erosion and sediment control measures will be installed if deemed necessary by on-site inspection.
- 5) **No graded slope shall exceed 2h:1v**
- 6) **The Escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to, or concurrent with, land-disturbing activities.**
- 7) **Erosion control measures will be maintained at all times; if full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source.**

CRADING PLAN

SEEDING SCHEDULE

- 1) WATERS OF THE STATE DOES NOT EXIST WITHIN 200 FEET OF THIS SITE.
- 2) **NOTE: MAINTENANCE STATEMENT:**
EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RAIN, AND REPAIRED BY THE GENERAL CONTRACTOR.
- 3) **SEEDMENT/EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE.**
- 4) **ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES TO BE USED AS REQUIRED BY CITY OF SMYRNA.**
- 5) **GRASSING TO BEGAIN WITHIN 14 DAYS AFTER THE COMPLETION OF ANY LAND DISTURBING ACTIVITY, OR IF ACTIVITY IS DISCONTINUED FOR A PERIOD OF 14 DAYS OR LONGER.** (A) DISTURBED AREAS LEFT IDE TO 30 DAYS, AND NOT TO FINAL GRADE, WILL BE ESTABLISHED TO TEMPORARY VEGETATION (DS2) DISTURBED AREAS LEFT IDE FOR 30 DAYS OR MORE WILL BE ESTABLISHED TO PERMANENT VEGETATION (DS3). ALL AREAS TO FINAL GRADE WILL BE ESTABLISHED TO PERMANENT VEGETATION WITHIN 14 DAYS, DURING UNSUITABLE GROWING SEASONS, WHICH WILL BE USED AS A TEMPORARY COVER (DS1) ON SLOPES THAT ARE 3:1 OR STEEPER, WHICH MUST BE ANCHORED.

- TO RAISE THE pH LEVEL**
- THIS CHART INDICATES THE AMOUNT OF LIME TO ADD IN OUNCES PER SQUARE YARDS AND IN POUNDS PER 1000 SF.
- | READING ADD LIME ADD LIME | LOW HEAVY SOIL | ADD LIME ADD LIME |
|---------------------------|-----------------|-------------------|
| 4.0 2.28 OZ 3.0Z | 4.4 0.2 2.33 OZ | |
| 1000 SF 24 LBS 19 LBS | 28 LBS 33 LBS | |
| 5.0 1.8 OZ 2.25 OZ | 3.0 0.2 2.36 OZ | |
| 1000 SF 11 LBS 14 LBS | 28 LBS 33 LBS | |
| 6.0 0.5 OZ 1.0Z | 1.2 0.2 1.4 OZ | |
| 1000 SF 3.5 LBS 6 LBS | 8 LBS 9 LBS | |
- SEEDING RATES**
- NOTE: NEUTRAL pH IS 7.0**
- SEASON DATES** TYPE OF GRASS RATE
- SUMMER MAY 15 - AUG 30 BERNLUDA 100 LBS/SAC
- COOL SEPT 1- NOV 15 FESCUE 300 LBS/SAC
- MAR 15 - MAY 15
- WINTER NOV 15 - MAR 15 ANNUAL RYE GRASS 300 LBS/SAC
- COVER SEED AREA WITH LIGHT LAYER OF WHEAT STRAW MULCH

LOT COVERAGE

ITEM	(sq.ft.)
HOUSE	1286
DECK	295
DRIVEWAY/WALK	536
TOTAL	2117
Lot Coverage (%)	18.3%

TREE PROTECTION PLAN

REE PROTECTION FENCES LOCATED AT EDGE OF CRITICAL ROOT ZONE, (4 FOOT HIGH ORANGE TREE PROTECTION FENCING.)

REQUIRED TREES 100" PER ACRES 100'x0.27=27" REQUIRED

SAVED TREES

- (1) 26" HACKBERRY
- (1) 8" HACKBERRY
- (1) 8" PECAN
- (1) 3" HACKBERRY

TOTAL INCHES SAVE = 45" SAVED SDF, RDF MEET.

PLANT (2) 2" CALIPER DOWNEY SERVICEBERRY STREET TREES

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- 2) **EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.**
- 3) **"DISTURBED AREAS LEFT IDE SHALL BE STABILIZED WITH TEMPORARY VEGETATION AFTER 14 DAYS; AFTER 30 DAYS, PERMANENT VEGETATION SHALL BE ESTABLISHED"**
- 4) **"SILT FENCE SHALL MEET THE REQUIREMENTS OF GEORGIA MANUAL FOR EROSION & SEDIMENT CONTROL 2016 EDITION (GS1-5).**
- 5) **EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES.**
- 6) **EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST DAILY, AND AFTER EACH RAIN, AND REPAIRED BY THE CONTRACTOR.**
- 7) **(ADDITIONAL) GRADING AND DRAINAGE NOTES:**
- 8) **ALL MATERIAL AND METHODS OF CONSTRUCTION MUST CONFORM TO CITY OF SMYRNA STANDARDS AND SPECIFICATIONS.**
- 9) **PRIOR TO LAND DISTURBING ACTIVITIES, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE AREA SITE INSPECTOR, NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS.**
- 10) **ALL EXISTING TREES ARE TO REMAIN AND SHALL BE PROTECTED UNLESS OTHERWISE NOTED. TREES TO BE REMOVED WILL BE SHOWN WITH A "X" ON IT. SEE SITE PLAN.**
- 11) **THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS AND IMPROVEMENTS TO REMAIN TO EQUAL OR BETTER CONDITIONS THAN PRIOR TO COMMENCEMENT OF CONSTRUCTION.**
- 12) **THE CONTRACTOR SHALL PROVIDE FOR ADEQUATE DRAINAGE OF THE SITE AND ADJOINING PROPERTIES AND ROADS DURING ALL PHASES OF CONSTRUCTION.**
- 13) **ALL DRAINAGE STRUCTURES ARE TO BE CONSTRUCTED AS SHOWN ON THESE PLANS AND IN ACCORDANCE WITH THE CITY OF ATLANTA CONSTRUCTION STANDARDS. ELEVATIONS SHOWN ON DRAINAGE STRUCTURES ARE TO THE TOP OF STRUCTURE. PIPE LENGTHS SHOWN ARE APPROXIMATE DISTANCES FROM CENTER TO CENTER OF STRUCTURES AND SLOPES SHOWN ARE THEORETICAL SLOPES USING THESE LENGTHS.**
- 14) **"TOPSOIL, EQUIPMENT, AND MATERIALS SHALL BE STORED IN AREAS DESIGNATED BY THE OWNER.**
- 15) **UNLESS OTHERWISE NOTED, CONSTRUCT NEW IMPROVEMENTS TO MATCH EXISTING ELEVATIONS OF EXISTING PAVEMENT, SIDEWALKS, AND FLOORS.**
- 16) **SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS AND DETAILS OF THOSE RESPECTIVE AREAS.**
- 17) **"THE LOCATIONS OF EXISTING UTILITIES, SUCH AS WATER MAINS, SANITARY SEWERS, GAS LINES, ELECTRIC LINES, ETC. AS SHOWN ON THESE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR, HOWEVER, THE SURVEYOR, ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT ALL UTILITY COMPANIES SEVENTY - TWO HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO ANY WORK. QUESTIONS CALL THE UTILITY PROTECTION SERVICE: (404)-491-0044.**

SEEDING SCHEDULE

SCHEDULE APPLICABLE FOR TEMPORARY AND PERMANENT GRASSING

CONTRACTOR TO PROTECT ALL DISTURBED AREAS BY TEMPORARY RESEEDING UNTILL PERMANENT GROUND COVER IS ESTABLISHED. (MAXIMUM OR TWO WEEKS AFTER DISTURBANCE)

SOIL PREPARATION

ADD TO SOIL:
COMMERCIAL 16-20-10 FERTILIZER @ 650 LBS/SAC OR AS SPECIFIED BY SOIL REPORTS
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GRID NORTH

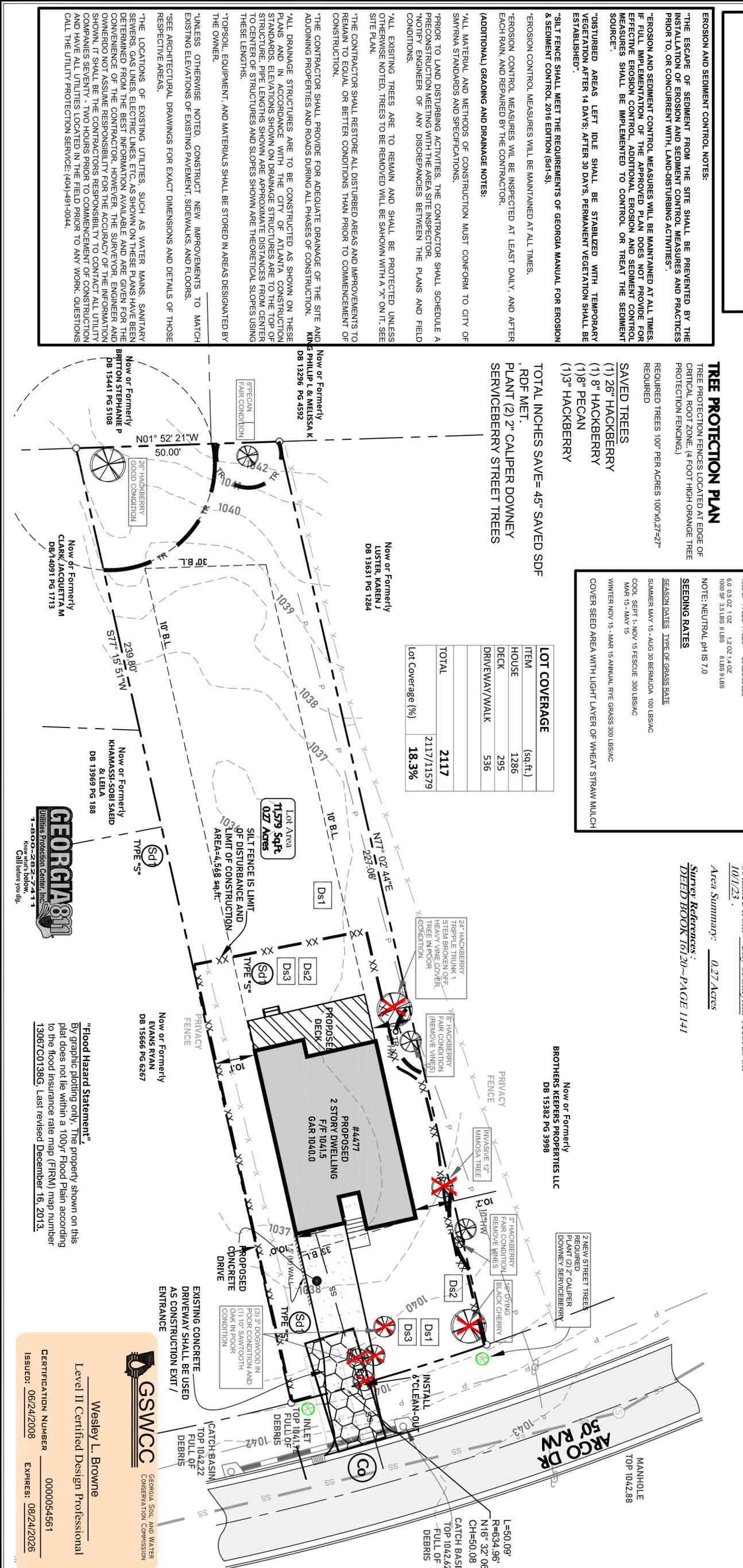
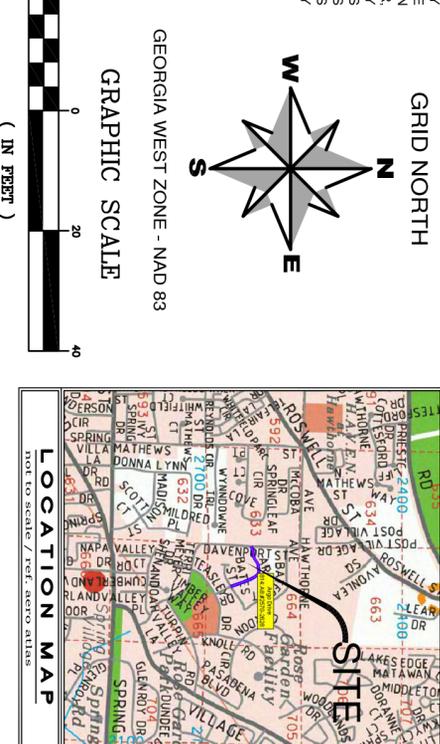
GEORGIA WEST ZONE - NAD 83

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

LOCATION MAP

NOT TO SCALE / LITE AERO DATA



REVISIONS

DATE	DESCRIPTION	SCALE
10/17/19	REVISED PER CITY COMMENTS	1"=20'
10/22/19	REVISED PER CITY COMMENTS	1"=20'
10/23/19	REVISED PER CITY COMMENTS	1"=20'
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APPROVED BY WB

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SOIL PREPARATION

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GRID NORTH

GEORGIA WEST ZONE - NAD 83

GRAPHIC SCALE

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LOCATION MAP

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- 17) **"THE LOCATIONS OF EXISTING UTILITIES, SUCH AS WATER MAINS, SANITARY SEWERS, GAS LINES, ELECTRIC LINES, ETC. AS SHOWN ON THESE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR, HOWEVER, THE SURVEYOR, ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT ALL UTILITY COMPANIES SEVENTY - TWO HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO ANY WORK. QUESTIONS CALL THE UTILITY PROTECTION SERVICE: (404)-491-0044.**

LOT COVERAGE

ITEM	(sq.ft.)
HOUSE	1286
DECK	295
DRIVEWAY/WALK	536
TOTAL	2117
Lot Coverage (%)	18.3%

SEEDING SCHEDULE

SCHEDULE APPLICABLE FOR TEMPORARY AND PERMANENT GRASSING

CONTRACTOR TO PROTECT ALL DISTURBED AREAS BY TEMPORARY RESEEDING UNTILL PERMANENT GROUND COVER IS ESTABLISHED. (MAXIMUM OR TWO WEEKS AFTER DISTURBANCE)

SOIL PREPARATION

ADD TO SOIL:
COMMERCIAL 16-20-10 FERTILIZER @ 650 LBS/SAC OR AS SPECIFIED BY SOIL REPORTS
AFTER SOIL pH ANALYSIS. LIME AS SPECIFIED ON pH LEVEL CHART.

GRID NORTH

GEORGIA WEST ZONE - NAD 83

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

LOCATION MAP

NOT TO SCALE / LITE AERO DATA

EROSION AND SEDIMENT CONTROL NOTES:

- 1) THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.
- 2) **EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.**
- 3) **"DISTURBED AREAS LEFT IDE SHALL BE STABILIZED WITH TEMPORARY VEGETATION AFTER 14 DAYS; AFTER 30 DAYS, PERMANENT VEGETATION SHALL BE ESTABLISHED"**
- 4) **"SILT FENCE SHALL MEET THE REQUIREMENTS OF GEORGIA MANUAL FOR EROSION & SEDIMENT CONTROL 2016 EDITION (GS1-5).**
- 5) **EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES.**
- 6) **EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST DAILY, AND AFTER EACH RAIN, AND REPAIRED BY THE CONTRACTOR.**
- 7) **(ADDITIONAL) GRADING AND DRAINAGE NOTES:**
- 8) **ALL MATERIAL AND METHODS OF CONSTRUCTION MUST CONFORM TO CITY OF SMYRNA STANDARDS AND SPECIFICATIONS.**
- 9) **PRIOR TO LAND DISTURBING ACTIVITIES, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE AREA SITE INSPECTOR, NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS.**
- 10) **ALL EXISTING TREES ARE TO REMAIN AND SHALL BE PROTECTED UNLESS OTHERWISE NOTED. TREES TO BE REMOVED WILL BE SHOWN WITH A "X" ON IT. SEE SITE PLAN.**
- 11) **THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS AND IMPROVEMENTS TO REMAIN TO EQUAL OR BETTER CONDITIONS THAN PRIOR TO COMMENCEMENT OF CONSTRUCTION.**
- 12) **THE CONTRACTOR SHALL PROVIDE FOR ADEQUATE DRAINAGE OF THE SITE AND ADJOINING PROPERTIES AND ROADS DURING ALL PHASES OF CONSTRUCTION.**
- 13) **ALL DRAINAGE STRUCTURES ARE TO BE CONSTRUCTED AS SHOWN ON THESE PLANS AND IN ACCORDANCE WITH THE CITY OF ATLANTA CONSTRUCTION STANDARDS. ELEVATIONS SHOWN ON DRAINAGE STRUCTURES ARE TO THE TOP OF STRUCTURE. PIPE LENGTHS SHOWN ARE APPROXIMATE DISTANCES FROM CENTER TO CENTER OF STRUCTURES AND SLOPES SHOWN ARE THEORETICAL SLOPES USING THESE LENGTHS.**
- 14) **"TOPSOIL, EQUIPMENT, AND MATERIALS SHALL BE STORED IN AREAS DESIGNATED BY THE OWNER.**
- 15) **UNLESS OTHERWISE NOTED, CONSTRUCT NEW IMPROVEMENTS TO MATCH EXISTING ELEVATIONS OF EXISTING PAVEMENT, SIDEWALKS, AND FLOORS.**
- 16) **SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS AND DETAILS OF THOSE RESPECTIVE AREAS.**
- 17) **"THE LOCATIONS OF EXISTING UTILITIES, SUCH AS WATER MAINS, SANITARY SEWERS, GAS LINES, ELECTRIC LINES, ETC. AS SHOWN ON THESE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR, HOWEVER, THE SURVEYOR, ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT ALL UTILITY COMPANIES SEVENTY - TWO HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND HAVE ALL UTILITIES LOCATED IN THE FIELD PRIOR TO ANY WORK. QUESTIONS CALL THE UTILITY PROTECTION SERVICE: (404)-491-0044.**

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- 2) **EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL ERO**