

# CONSTRUCTION DRAWINGS FOR THE SITE IMPROVEMENTS AT TAYLOR-BRAWNER PARK

3188 ATLANTA ROAD  
CITY OF SMYRNA, GA

CONSULTANT OF RECORD: FOLEY DESIGN ASSOCIATES ARCHITECTS, INC.

LANDSCAPE ARCHITECT: L. TAYLOR POUNDS, PLA  
(404) 400-2926  
TAYLORPOUNDS@FOLEYDESIGN.COM

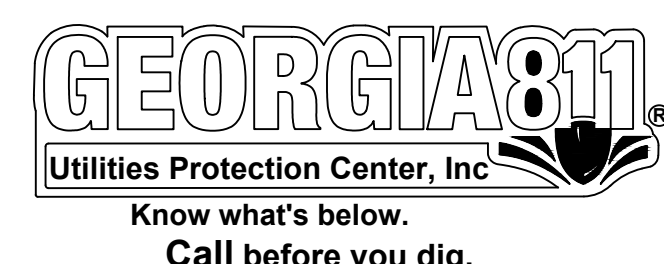
CLIENT: CITY OF SMYRNA, PARKS AND RECREATION  
2800 KING ST SE  
SMYRNA, GA 30080

CLIENT CONTACT/ 24 HR CONTACT: RICHARD GARLAND  
(678)631-5397

## PRIMARY PERMITTEE:

- "I certify that the receiving water(s) or outfall(s) or a combination of receiving water(s) and outfall(s) will be monitored in accordance with the Erosion, Sedimentation and Pollution Control Plan."
- "I certify that the Erosion, Sedimentation and Pollution Control Plan (Plan) has been prepared in accordance with Part IV of the General NPDES Permit No. GAR 10000, No. GAR 10002 or No. GAR 10003, the Plan will be implemented, and that such Plan will provide for compliance with this permit."
- "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that certified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."
- "I certify that to the best of my knowledge and belief, that the Erosion, Sedimentation and Pollution Control Plan (Plan) was prepared by a design professional, as defined by this permit, that has completed the appropriate certification course approved by the Georgia Soil and Water Conservation Commission in accordance with the provisions of O.C.G.A. 12-7-19 and that I will adhere to the Plan and comply with all requirements of this permit."

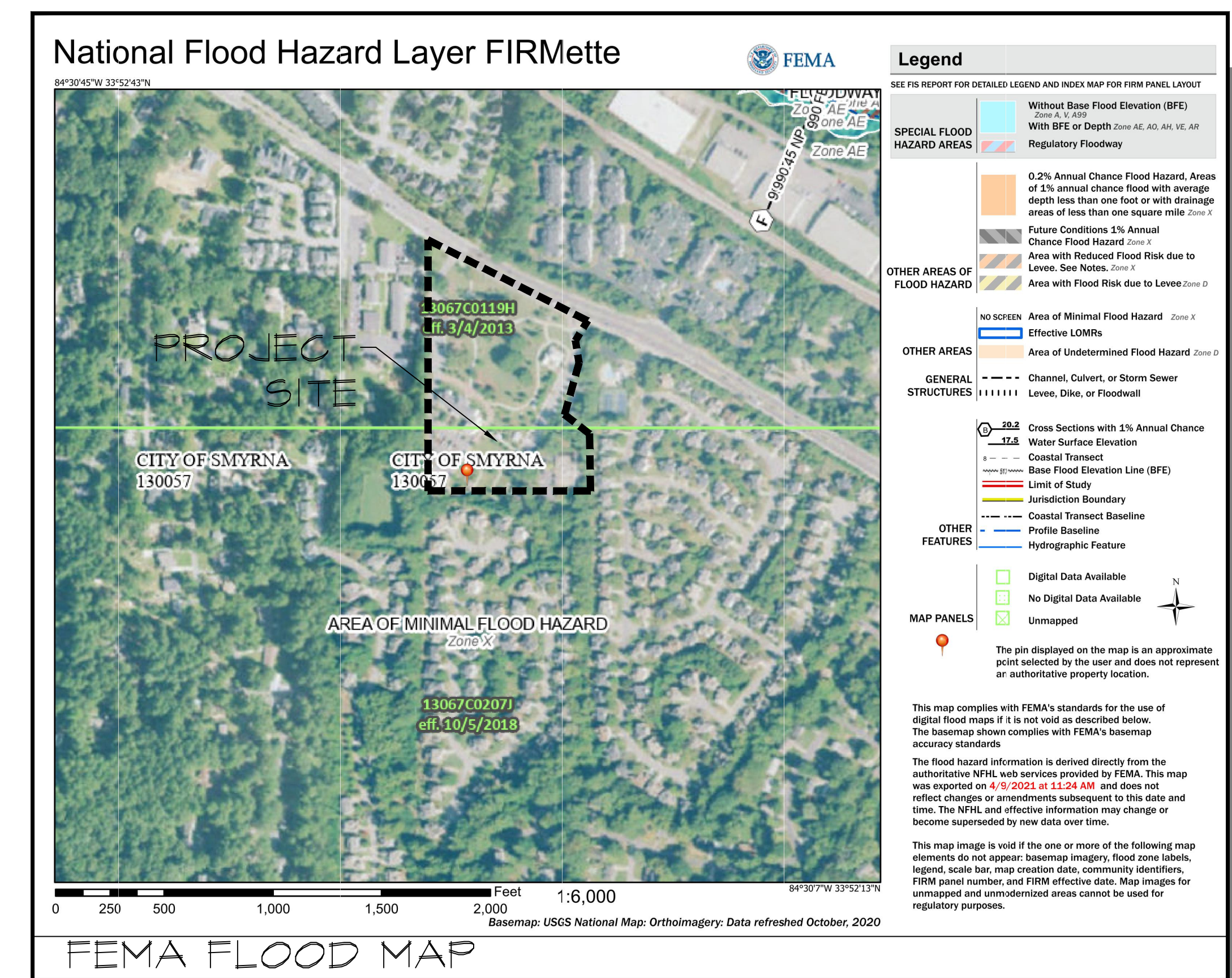
PRIMARY PERMITTEE SIGNATURE



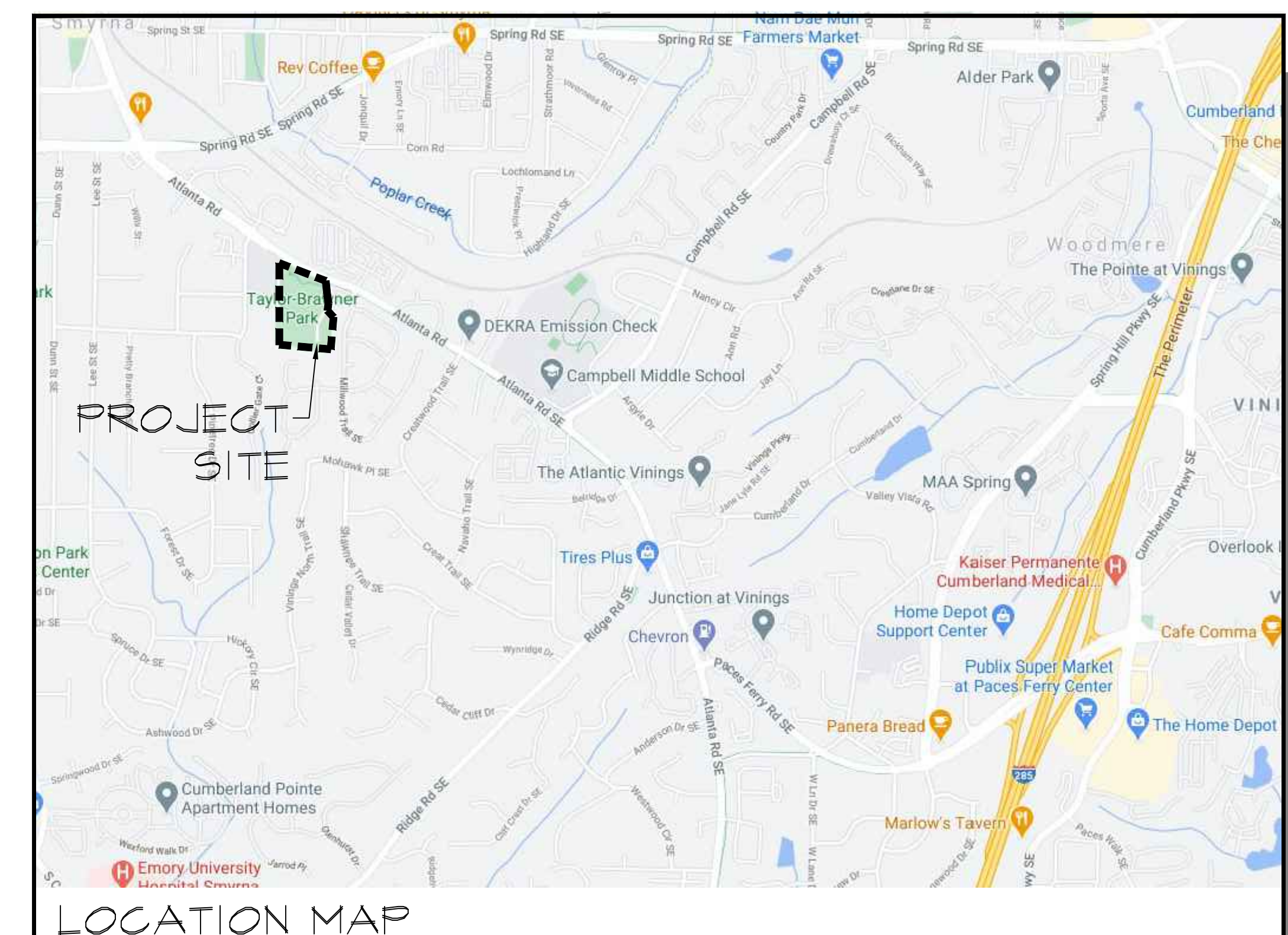
IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES BEFORE BEGINNING CONSTRUCTION AND ADVISE DESIGN PROFESSIONAL OF ANY CONFLICTS. ALL LOCATION OF UTILITIES SHOWN ON THESE DRAWINGS IS APPROXIMATE AND MAY NOT BE A COMPLETE LOCATION OF ALL UTILITIES. CERTIFICATION TO THE LOCATION OF ALL UTILITIES IS WITHHELD. BEFORE ANY EXCAVATION WORK BEGINS OR ANY WORK BEGINS WITHIN TEN (10) FT. OF OVERHEAD POWER LINES OF 750 VOLTS OR MORE, NOTIFICATION MUST BE MADE TO THE UTILITIES PROTECTION CENTER (UPC) AT 1-800-282-7411 (770-623-4344 IN METRO ATLANTA).

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AS PER OFFICIAL F.I.A. MAPS:  
13067C FOR COMMUNITY-PANEL NUMBER 0119H DATED MARCH 4TH, 2013.  
THIS PROPERTY IS LOCATED IN A DESIGNATED FLOOD HAZARD AREA.



CONSULTANT

SEAL



ARCHITECT

FOLEY DESIGN  
21 Purlam Mill | 950 Lowery Blvd, NW | Atlanta, Georgia 30318 | (404) 765-1299

ADDRESS

TAYLOR-BRAWNER PARK  
SITE IMPROVEMENTS  
SMYRNA, GA 30080

NO.	DATE	DESCRIPTION
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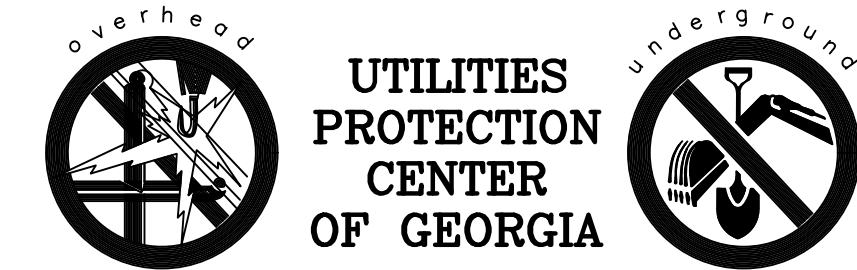
COVER SHEET

Date: 9/15/21  
Project No.: 201958

L0.0

ISSUED FOR BID





BEFORE ANY EXCAVATION WORK BEGINS OR ANY WORK BEGINS WITHIN TEN (10) FT. OF OVERHEAD POWER LINES OF 750 VOLTS OR MORE, NOTIFICATION MUST BE MADE TO THE UTILITIES PROTECTION CENTER (UPC) AT 1-800-282-7411 (770-623-4344 IN METRO ATLANTA).

IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES BEFORE BEGINNING CONSTRUCTION AND ADVISE ENGINEERING OF ANY CONFLICTS. ALL LOCATION OF UTILITIES SHOWN ON THESE DRAWINGS IS APPROXIMATE AND MAY NOT BE A COMPLETE LOCATION OF ALL UTILITIES. CERTIFICATION TO THE LOCATION OF ALL UTILITIES IS WITHHELD.

**GENERAL NOTES**

1. THIS PROJECT WILL NOT REQUIRE A NOTICE OF INTENT (N.O.I.). THE TOTAL DISTURBED AREA FOR THE PROJECT IS 0.4 AC. THE NET GAIN OF IMPERVIOUS AREA IS 0.04 AC (+1600 SF WHICH IS LESS THAN 10% OF THE TOTAL PROJECT AREA).
2. THERE IS NO SUITABLE PLACE TO BURY EXISTING CONSTRUCTION DEBRIS WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF EXISTING CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO CITY OF SMYRNA.
3. THE CONTRACTOR SHALL USE EXTREME CAUTION TO NOT DISTURB OR DAMAGE ANY SIGNS.
4. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL.
5. CONTRACTOR WILL BE RESPONSIBLE FOR PREPARING A TRAFFIC CONTROL PLAN SHOWING THE PROPOSED MEASURES TO MANAGE TRAFFIC DURING CONSTRUCTION ACTIVITIES. THE PLAN SHALL CONFORM TO THE 2004 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND GEORGIA DOT SPECIFICATION 150. ANY LANE CLOSURES MUST BE APPROVED BY AND COORDINATED WITH THE GEORGIA DOT AREA ENGINEER. LANE CLOSURES WILL REQUIRE PROPER LANE TAPER AND ADVANCE WARNINGS PER GEORGIA DOT STANDARDS.
6. ALL EXISTING ROADWAY SIGNS, UTILITIES, AND DRAINAGE STRUCTURES TO REMAIN.
  - PERSON RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL DEVICES AND MEASURES IS:
 

CITY OF SMYRNA, PARKS AND RECREATION  
2800 KING ST SE  
SMYRNA, GA 30080

CLIENT CONTACT: RICHARD GARLAND  
(678)631-5347

- CONSTRUCTION SCHEDULE:
  1. NOTIFICATION OF LOCAL GOVERNING AUTHORITY: MAY 2021
  2. CONSTRUCTION OF SEDIMENT CONTROL DEVICES: JULY 2021
  3. LANDSCAPE AND HARDSCAPE INSTALLATION: JULY-AUGUST 2021
  4. LAND STABILIZATION: WITHIN 14 DAYS OF ACHIEVING FINAL GRADE.
- THE DEVELOPER IS RESPONSIBLE FOR OBTAINING ANY PERMITS THAT MAY BE REQUIRED FOR LAND DISTURBANCES AND/OR BUFFER REQUIREMENTS.
- THERE IS ESTABLISHED A 50 FOOT BUFFER ALONG THE BANKS OF ALL STATE WATERS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION.
- ALL STATE WATERS HAVE BEEN DELINEATED ON THIS SITE AND ARE SHOWN WITHIN A 50 FT. UNDISTURBED CREEK/D.E. BUFFER.
- 100% OF THE MINIMUM LOT SQUARE FOOTAGE SHALL BE ABOVE ANY 100-YEAR FLOOD PLAIN.

**Es** EROSION CONTROL BLANKET IS REQUIRED ON ALL SLOPES 2.5:1 OR STEEPER & GREATER THAN 10 FEET.

**EROSION & 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 LAND DISTURBING ACTIVITIES.
2. 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.
3. ALL DISTURBED AREAS MUST BE STABILIZED WITH MULCH OR TEMPORARY SEEDING AS SOON AS POSSIBLE BUT NOT LONGER THAN 14 DAYS AFTER DISTURBANCE.
4. NON EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
5. ALL CONTRACTORS FOR EROSION SEDIMENTATION AND POLLUTION CONTROL SHALL BE APPROVED BY THE AUTHORITY.
6. THE CONTRACTOR MUST NOTIFY THE UTILITIES PROTECTION CENTER AT 1-800-282-7411 AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF LAND-DISTURBING ACTIVITIES.
7. STRIPPING OF VEGETATION, REGRADING, AND OTHER DEVELOPMENT ACTIVITIES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO MINIMIZE EROSION.
8. CUT AND FILL OPERATIONS SHALL BE KEPT TO A MINIMUM. DEVELOPMENT PLANS MUST CONFORM TO TOPOGRAPHY AND SOIL TYPE SO AS TO CREATE THE LOWEST PRACTICABLE EROSION POTENTIAL.
10. WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED, PROTECTED, AND SUPPLEMENTED.
11. DISTURBED AREAS AND THEIR DURATION OF EXPOSURE TO EROSION ELEMENTS SHALL BE KEPT TO A PRACTICABLE MINIMUM.
12. DISTURBED SOIL SHALL BE STABILIZED AS QUICKLY AS PRACTICABLE.
13. TEMPORARY VEGETATION OR MULCHING SHALL BE EMPLOYED TO PROTECT EXPOSED CRITICAL AREAS DURING DEVELOPMENT.
14. PERMANENT VEGETATION AND STRUCTURAL EROSION CONTROL MEASURES SHALL BE INSTALLED AS SOON AS PRACTICABLE.
15. TO THE EXTENT NECESSARY, SEDIMENT IN RUN-OFF WATER SHALL BE TRAPPED BY THE USE OF DEBRIS BASINS, SEDIMENT BASINS, SILT TRAPS OR SIMILAR MEASURES UNTIL THE DISTURBED AREA IS STABILIZED.
16. ADEQUATE PROVISIONS SHALL BE PROVIDED TO MINIMIZE DAMAGE FROM SURFACE WATER TO THE CUT FACE OF EXCAVATIONS OR THE SLOPING SURFACES OF FILLS.
17. CUTS AND FILLS SHALL NOT ENDANGER ADJOINING PROPERTY.
18. FILLS SHALL NOT ENCROUGH UPON NATURAL WATERCOURSES OR CONSTRUCTED CHANNELS IN A MANNER THAT WOULD ADVERSELY AFFECT OTHER PROPERTY OWNERS.
19. GRADING EQUIPMENT MUST CROSS FLOWING STREAMS BY THE MEANS OF BRIDGES OR CULVERTS, EXCEPT WHEN SUCH METHODS ARE NOT FEASIBLE, PROVIDED IN ANY CASE THAT SUCH CROSSINGS SHALL BE KEPT TO A MINIMUM AND THAT A PROPERLY TEMPORARY STREAM CROSSING IS CONSTRUCTED IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
20. PROVISIONS SHALL BE PROVIDED FOR TREATMENT OR CONTROL OF ANY SOURCE OF SEDIMENTS AND ADEQUATE SEDIMENTATION CONTROL FACILITIES TO RETAIN SEDIMENTS ON SITE OR PRECLUDE SEDIMENTATION OF ADJACENT WATERS BEYOND THE LEVELS SPECIFIED IN THIS PERMIT.
21. NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 50-FOOT BUFFER ALONG THE BANKS OF ALL STATE WATERS (AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION) UNLESS A FORMAL WAIVER HAS BEEN GRANTED BY THE AUTHORITY.
22. WHERE THE AUTHORITY GRANTS A WAIVER, NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 50-FOOT BUFFER STATE BUFFER WITHOUT FULL COMPLIANCE OF STATE REGULATIONS AND OBTAINING A VARIANCE IF APPLICABLE.
23. EXCEPT AS PROVIDED ABOVE, FOR REQUIRED BUFFERS NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A BUFFER AND A BUFFER SHALL REMAIN IN ITS NATURAL, UNDISTURBED, STATE OF VEGETATION.
24. NO LAND DISTURBING ACTIVITIES SHALL BE CONDUCTED IN A BUFFER ONCE THE FINAL STABILIZATION OF THE SITE IS ACHIEVED AND A VALID NOTICE OF TERMINATION IS SUBMITTED, A BUFFER MAY BE THINNED OR TRIMMED OF VEGETATION AS LONG AS A PROTECTIVE VEGETATIVE COVER REMAINS TO PROTECT WATER QUALITY AND AQUATIC HABITAT AND A NATURAL CANOPY IS LEFT IN SUFFICIENT QUANTITY TO KEEP SHADE ON THE STREAMBED.

**TREE REMOVAL NOTES**

1. ANY ON-SITE BURIAL OF DEBRIS IS PROHIBITED. ALL DEMOLITION DEBRIS TO BE DISPOSED OF AT AN OFF-SITE LOCATION ACCORDING TO LOCAL, STATE, AND FEDERAL GUIDELINES.
2. NO TRUCKS OR VEHICLES SHALL LEAVE THE SITE WITH MUDDY TIRES OR WITH ANY SUBSTANCE WHICH WILL DAMAGE OR STAIN ADJACENT PROPERTIES OR THE PUBLIC RIGHT-OF-WAY.
3. EROSION CONTROL DEVICES ARE TO BE INSTALLED AND FULLY OPERATIONAL PRIOR TO ANY DEMOLITION. ON-SITE DUST CONTROL DURING DEMOLITION WILL BE IN ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS.
4. ALL OFF-SITE UTILITIES IN THE PUBLIC RIGHT-OF-WAY TO REMAIN UNDISTURBED UNLESS OTHERWISE NOTED.
5. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IN THE EVENT ANY ON-SITE EXISTING CONDITION CONFLICTS WITH THE PLAN.
6. ALL EXISTING ROADWAY SIGNS TO REMAIN.
7. ANY EXISTING UTILITIES IMPACTED BY CONTRACTOR DURING CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY CONTRACTOR AT NO COST TO DOUGLAS COUNTY.

CONSULTANT

SEAL



ARCHITECT

FOLEY DESIGN



21 Purlam Mill | 950 Lowery Blvd, NW | Atlanta, Georgia 30338 | (404) 765-1299

ADDRESS

**TAYLOR-BRAWNER PARK  
SITE IMPROVEMENTS**

SMYRNA, GA 30080

NO.	DATE	DESCRIPTION
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Sheet Title:

**GENERAL NOTES**

Date: 9/15/21  
Project No.: 201958

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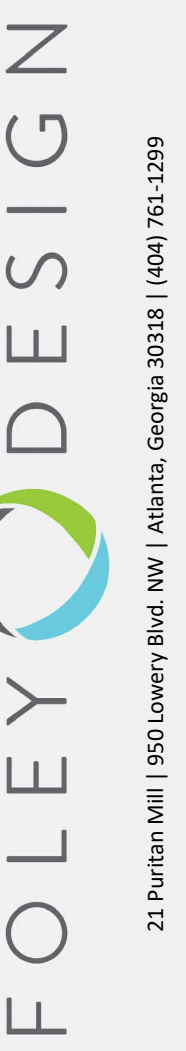




SEAL



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21 Purlam Mill | 950 Lowery Blvd, NW | Atlanta, Georgia 30338 | (404) 765-1299

ADDRESS

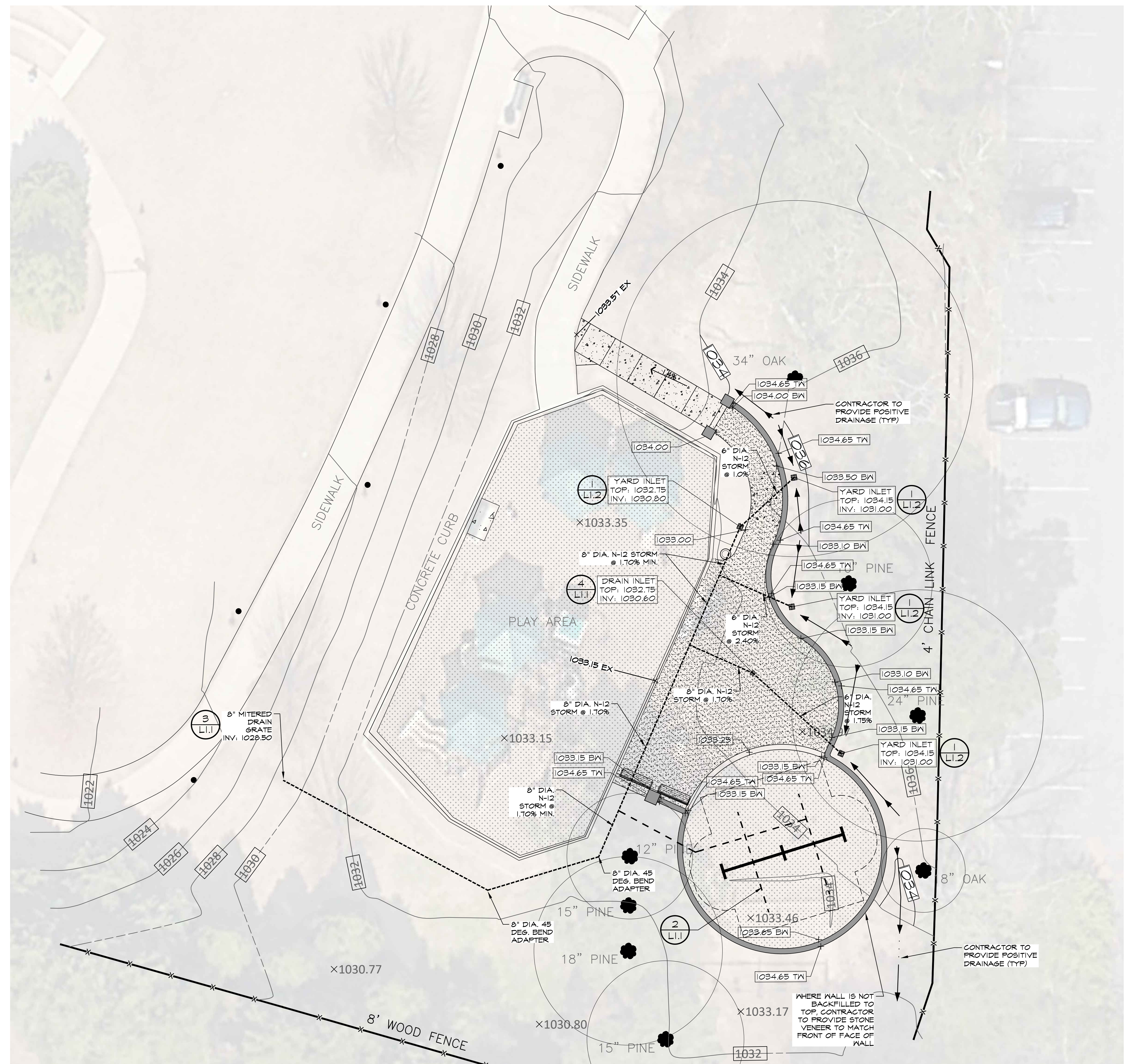
**TAYLOR-BRAWNER PARK  
SITE IMPROVEMENTS**  
SMYRNA, GA 30080

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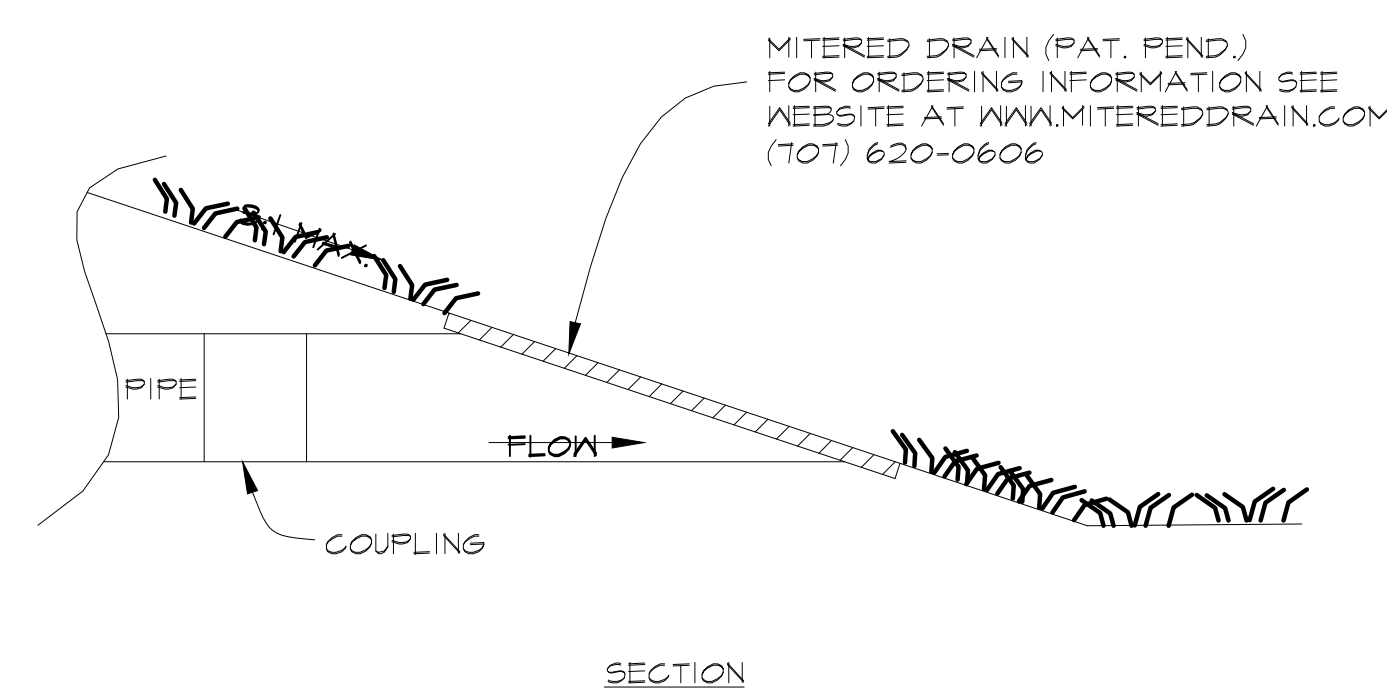
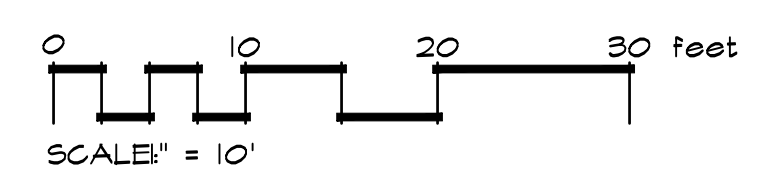
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**SITE GRADING AND DRAINAGE PLAN**

Date: 9/15/21  
Project No.: 201958

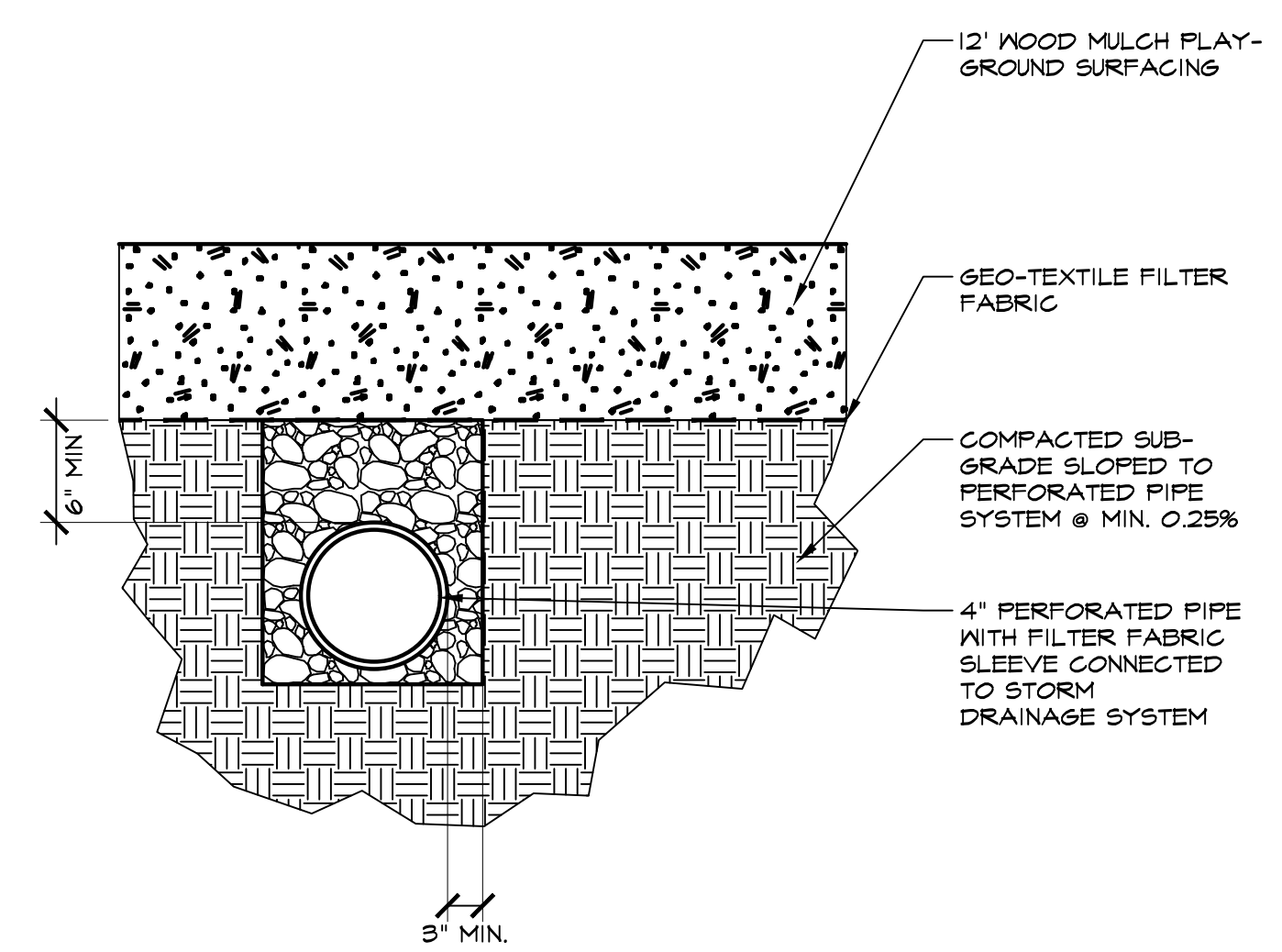
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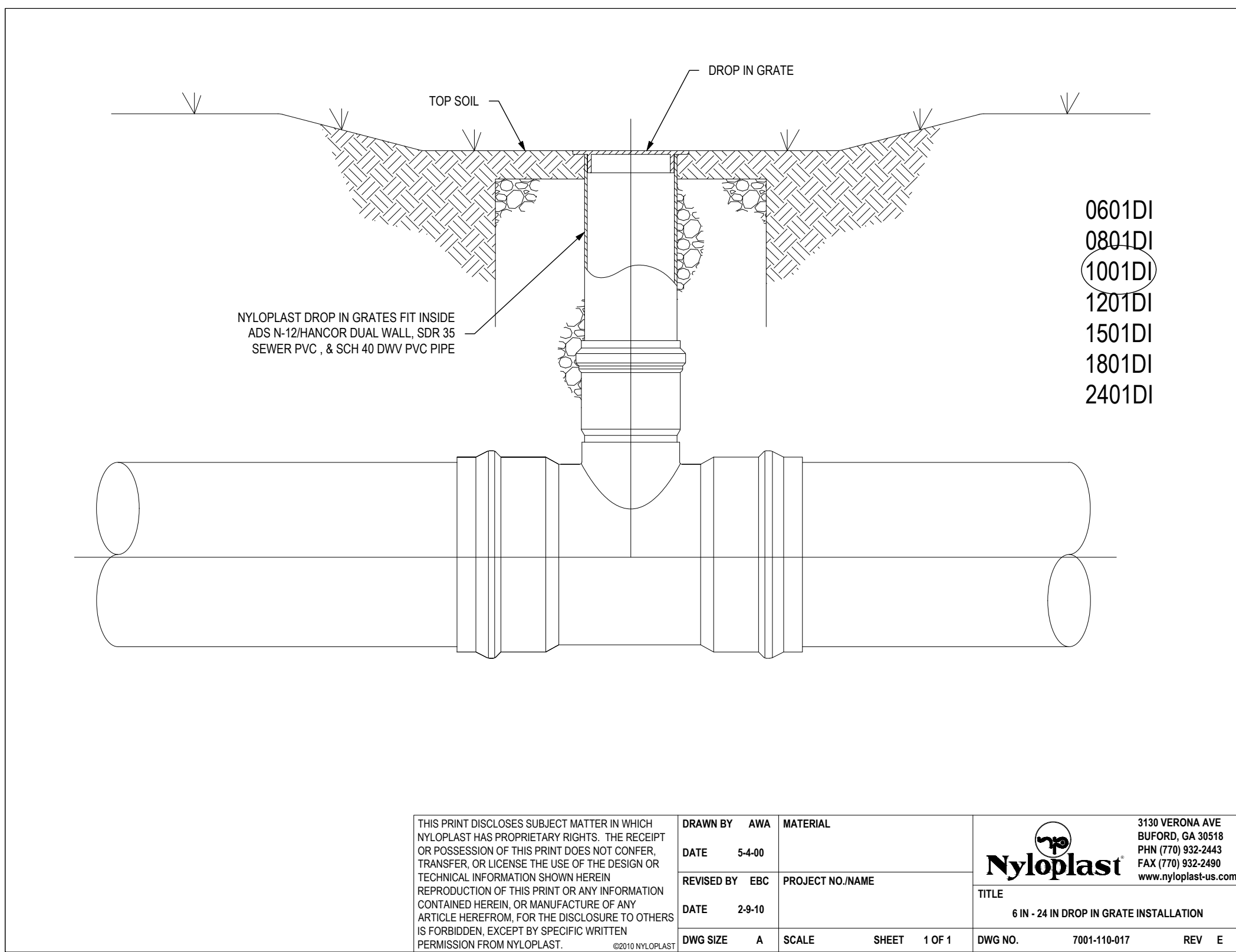
**1 GRADING AND DRAINAGE PLAN**  
SCALE: 1"=10'



**3 MITERED DRAIN OUTLET DETAIL**  
NTS



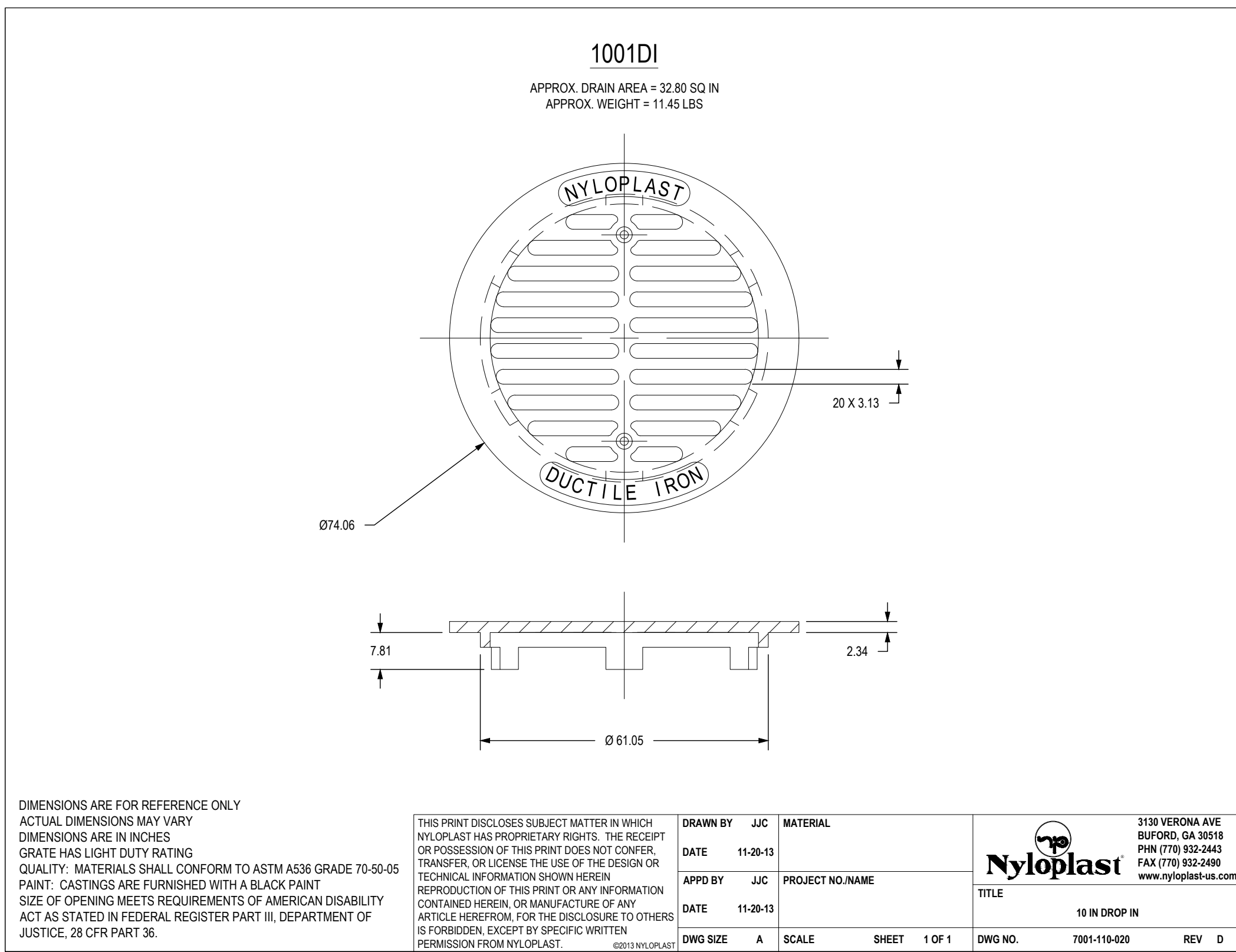
**2 SWING SET DRAINAGE DETAIL**  
1/2" = 1'-0"



0601DI  
0801DI  
1001DI  
1201DI  
1501DI  
1801DI  
2401DI

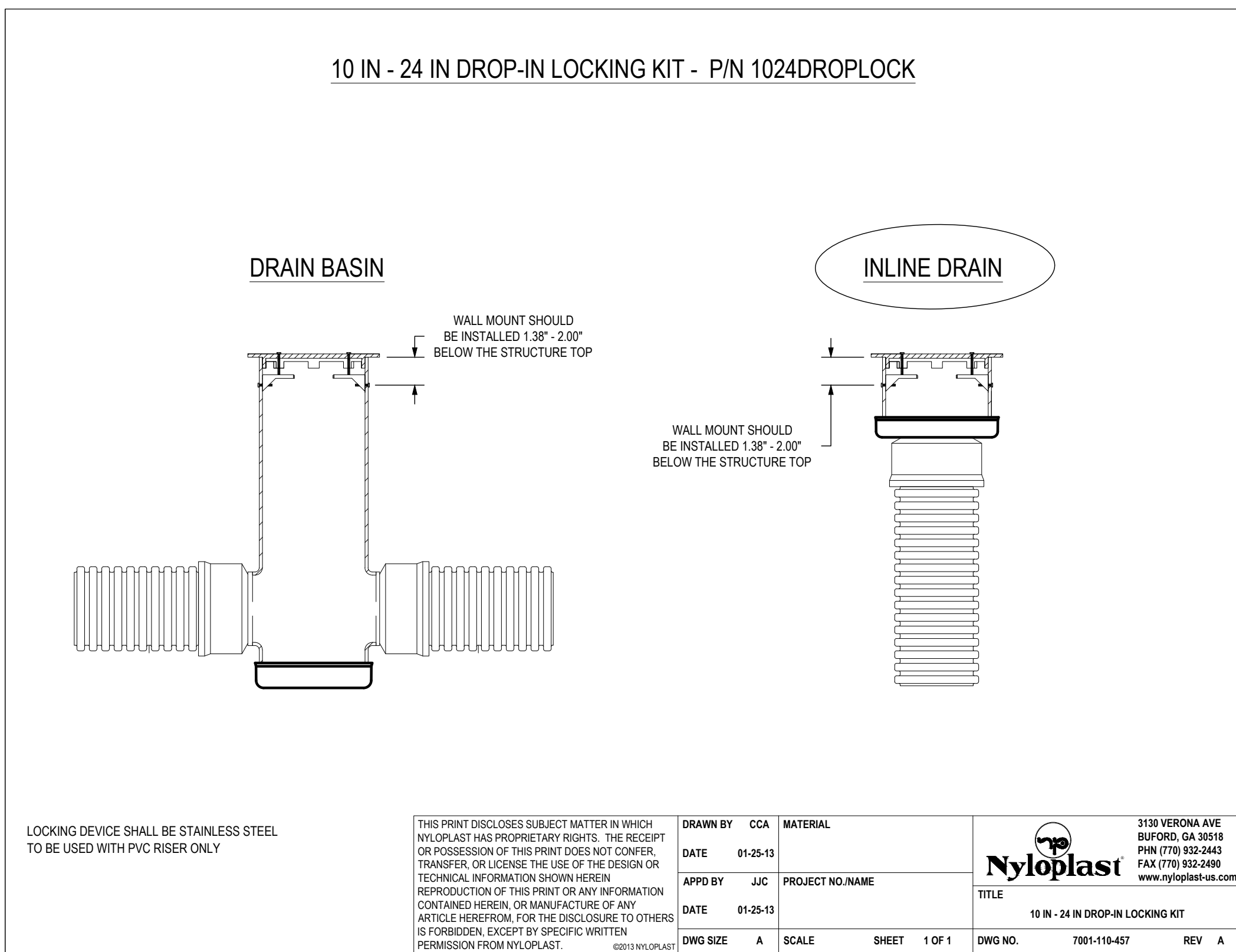
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DRAWN BY: AWA MATERIAL: 3138 VERONA AVE, BUFORD, GA 30518  
DATE: 5-4-10 P/N: (770) 833-2443  
REVISED BY: EBC PROJECT NO. NAME: TITLE: 6 IN - 24 IN DROP IN GRATE INSTALLATION  
DATE: 2-4-10 DWG NO.: 7001-110-017 REV: E



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DRAWN BY: JUC MATERIAL: 3138 VERONA AVE, BUFORD, GA 30518  
DATE: 11-28-15 P/N: (770) 833-2443  
APPROVED BY: JUC PROJECT NO. NAME: TITLE: 10 IN DROP IN  
DATE: 11-28-15 DWG NO.: 7001-110-020 REV: D



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DRAWN BY: CCA MATERIAL: 3138 VERONA AVE, BUFORD, GA 30518  
DATE: 9-15-15 P/N: (770) 833-2443  
APPROVED BY: JUC PROJECT NO. NAME: TITLE: 10 IN - 24 IN DROP-IN LOCKING KIT  
DATE: 9-15-15 DWG NO.: 7001-110-057 REV: A

**4 NYLOPLAST INLINE DRAINAGE STRUCTURE DETAILS**  
NTS

P-TBP-03

P-TBP-05

P-TB-01



SEAL

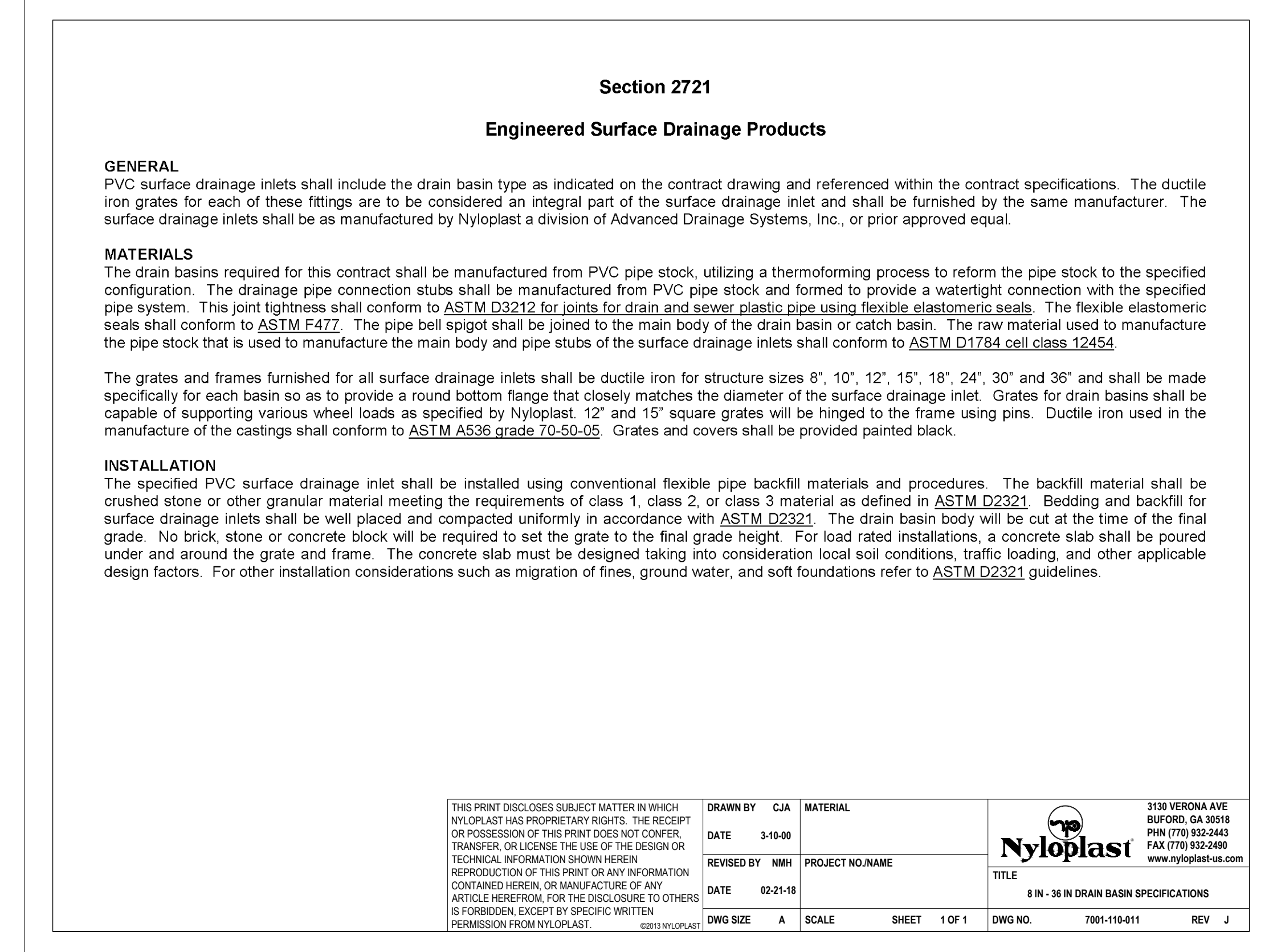
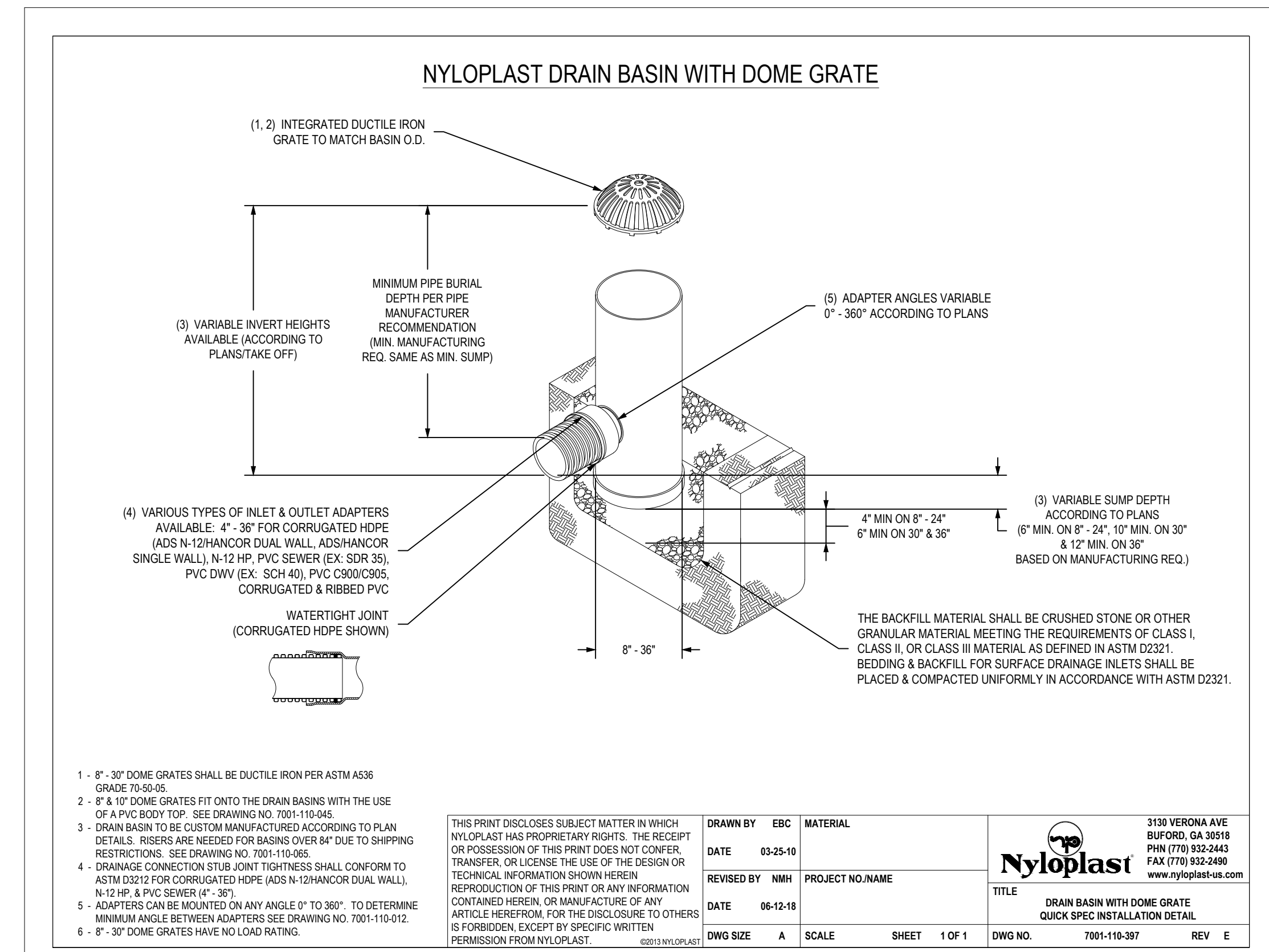


ARCHITECT



ADDRESS

TAYLOR-BRAWNER PARK  
SITE IMPROVEMENTS  
SMYRNA, GA 30080



1 YARD INLET DRAINAGE STRUCTURE DETAIL AND SPECIFICATIONS

NTS

P-TBP-06

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SITE GRADING  
AND  
DRAINAGE  
DETAILS

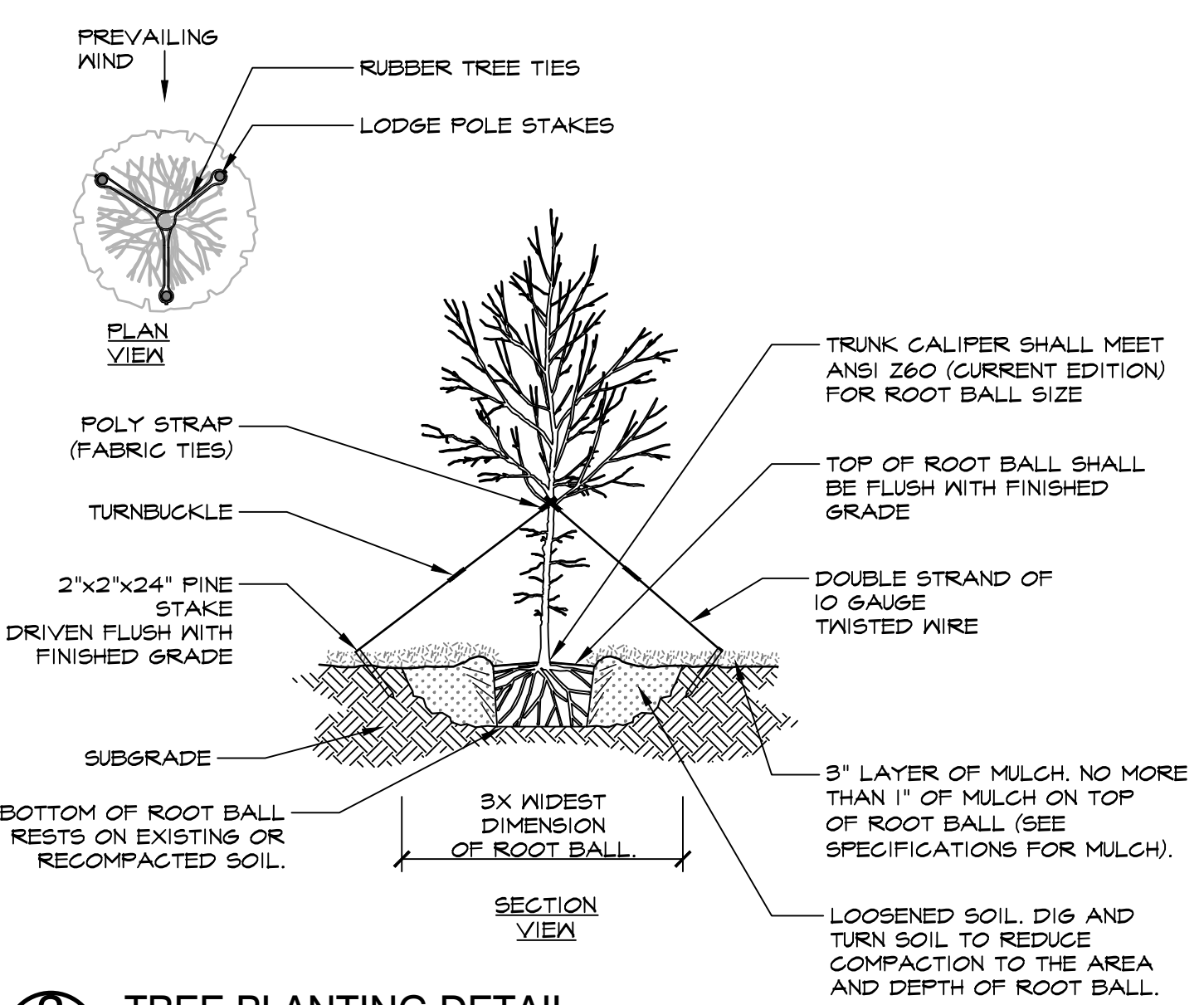
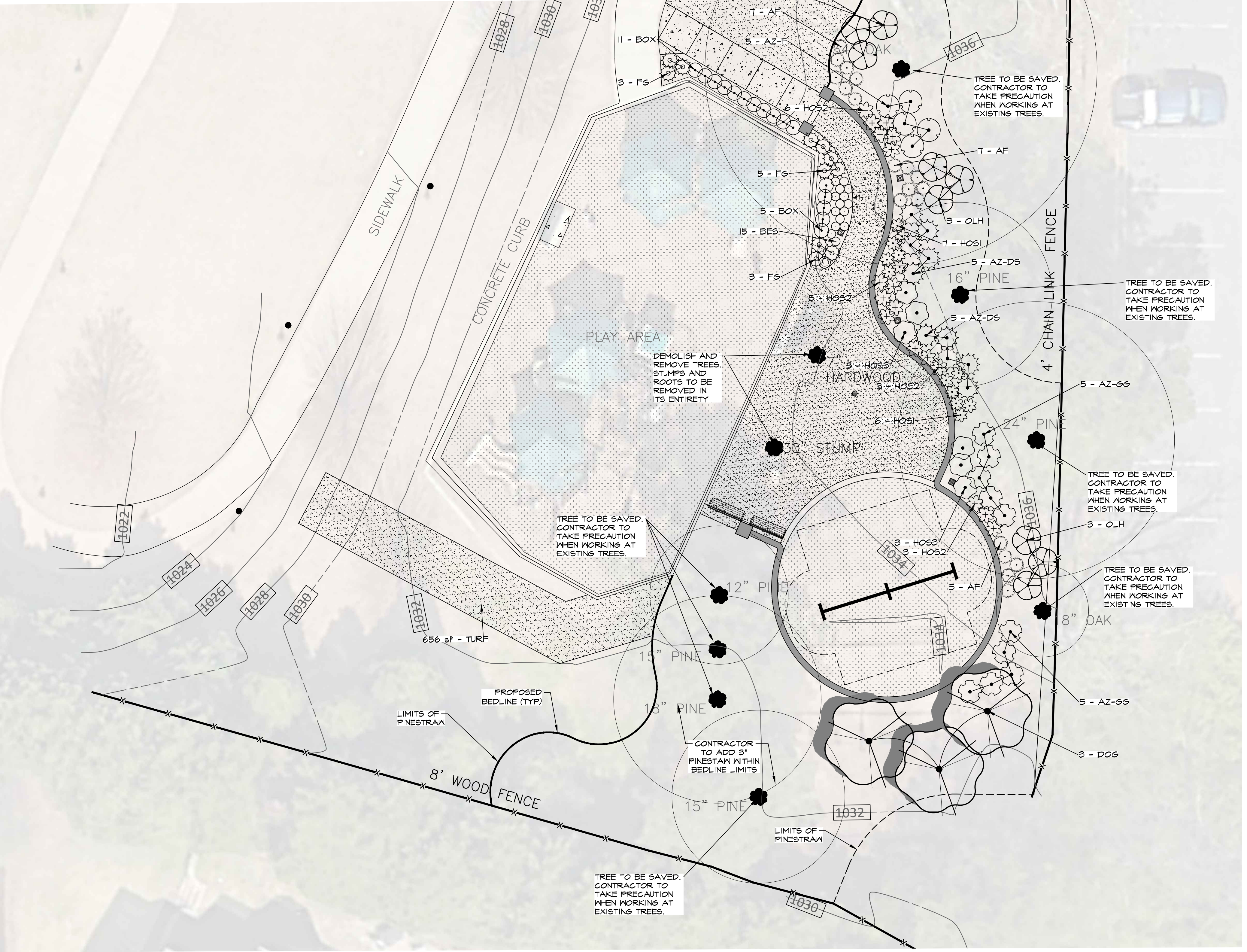
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Project No.: 201958

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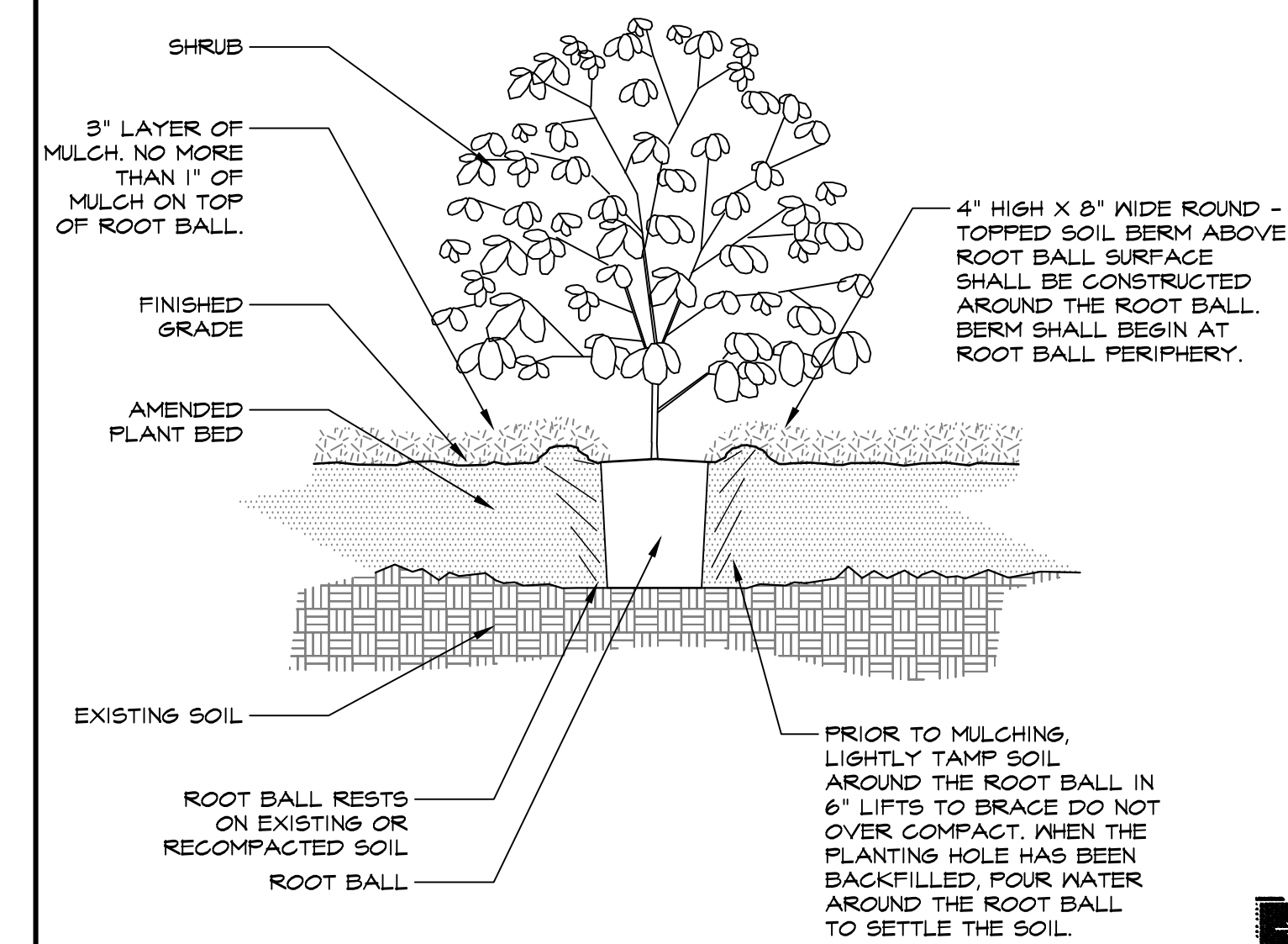


PLANT SCHEDULE

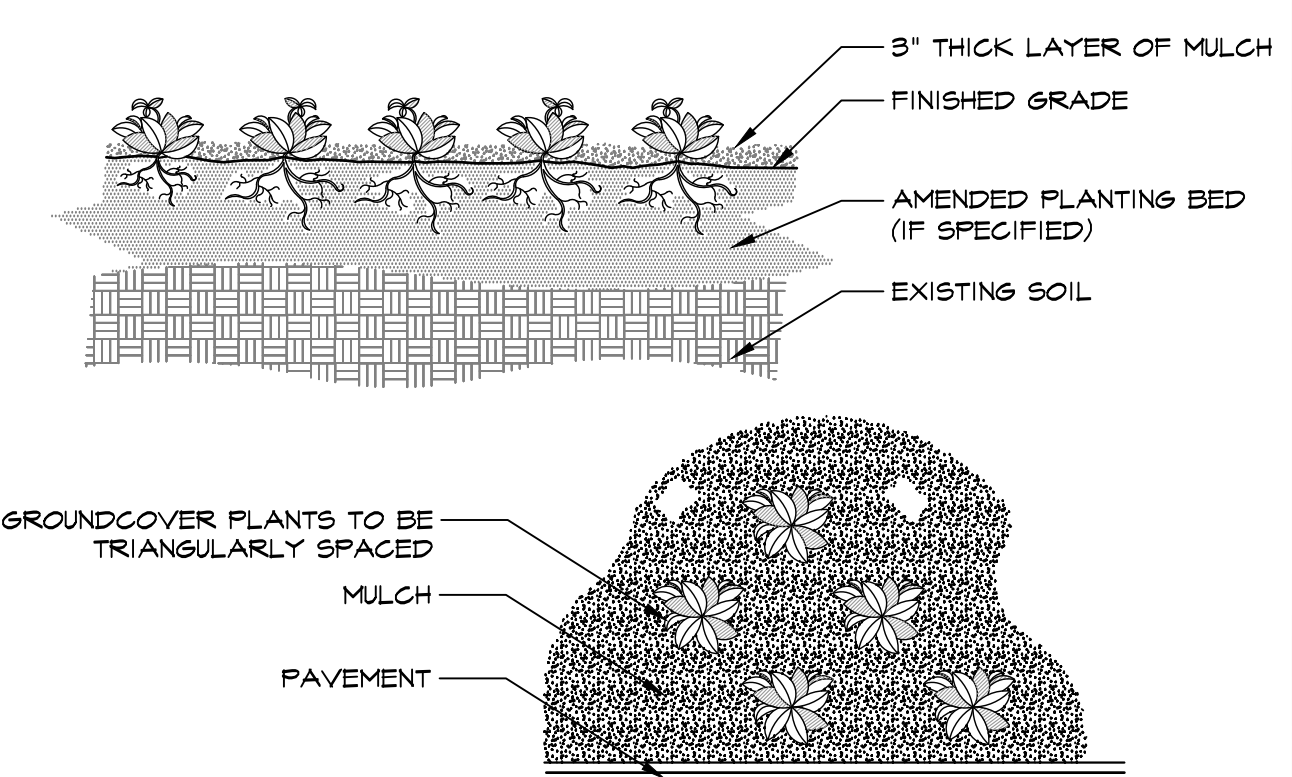
TREES	CODE	QTY	COMMON / BOTANICAL NAME	CONT.	GAL.	REMARKS
	DOB	3	Appalachian Blush Dogwood <i>Cornus florida</i> 'Karen's Appalachian Blush'	B & B	3' Gal	Single, Straight Trunk
SHRUBS	CODE	QTY	COMMON / BOTANICAL NAME	SIZE	SPACING	
	AF	19	Autumn Fern <i>Dryopteris erythrosora</i>	1 gal	30" o.c.	
	AZ-DS	10	Daphne Salmon Indica Azalea <i>Rhododendron indicum</i> 'Daphne Salmon'	3 gal	48" o.c.	
	AZ-F	5	Formosa Indica Azalea <i>Rhododendron indicum</i> 'Formosa'	3 gal	48" o.c.	
	AZ-SG	10	Mrs. G.S. Serbing Indica Azalea <i>Rhododendron indicum</i> 'Mrs. G.S. Serbing'	3 gal	48" o.c.	
	BES	15	Goldsturm Coneflower <i>Rudbeckia fulgida</i> sultivantil 'Goldsturm'	1 gal	18" o.c.	
	BOX	16	Wintergreen Boxwood <i>Buxus microphylla</i> 'Wintergreen'	3 gal	30" o.c.	
	FG	11	Hamelin Dwarf Fountain Grass <i>Pennisetum alopecuroides</i> 'Hamelin'	3 gal	36" o.c.	
	HOS1	13	Aureomarginata Hosta <i>Hosta fortunei</i> 'Aureomarginata'	1 gal	30" o.c.	
	HOS2	17	Alba-marginata Hosta <i>Hosta fortunei</i> 'Alba-marginata'	1 gal	36" o.c.	
	HOS3	6	Blue Angel Hosta <i>Hosta x 'Blue Angel'</i>	1 gal	48" o.c.	
	OLH	9	Snow Queen Oakleaf Hydrangea <i>Hydrangea acerifolia</i> 'Snow Queen'	3 gal	60" o.c.	
SOD/SEED	CODE	QTY	COMMON / BOTANICAL NAME	CONT.	SPACING	
	TURF	1/111 sf	Bermuda Grass <i>Cynodon dactylon</i> '419 Hybrid'	sod		



3 TREE PLANTING DETAIL  
3/16" = 1'-0" FDA-LA-01



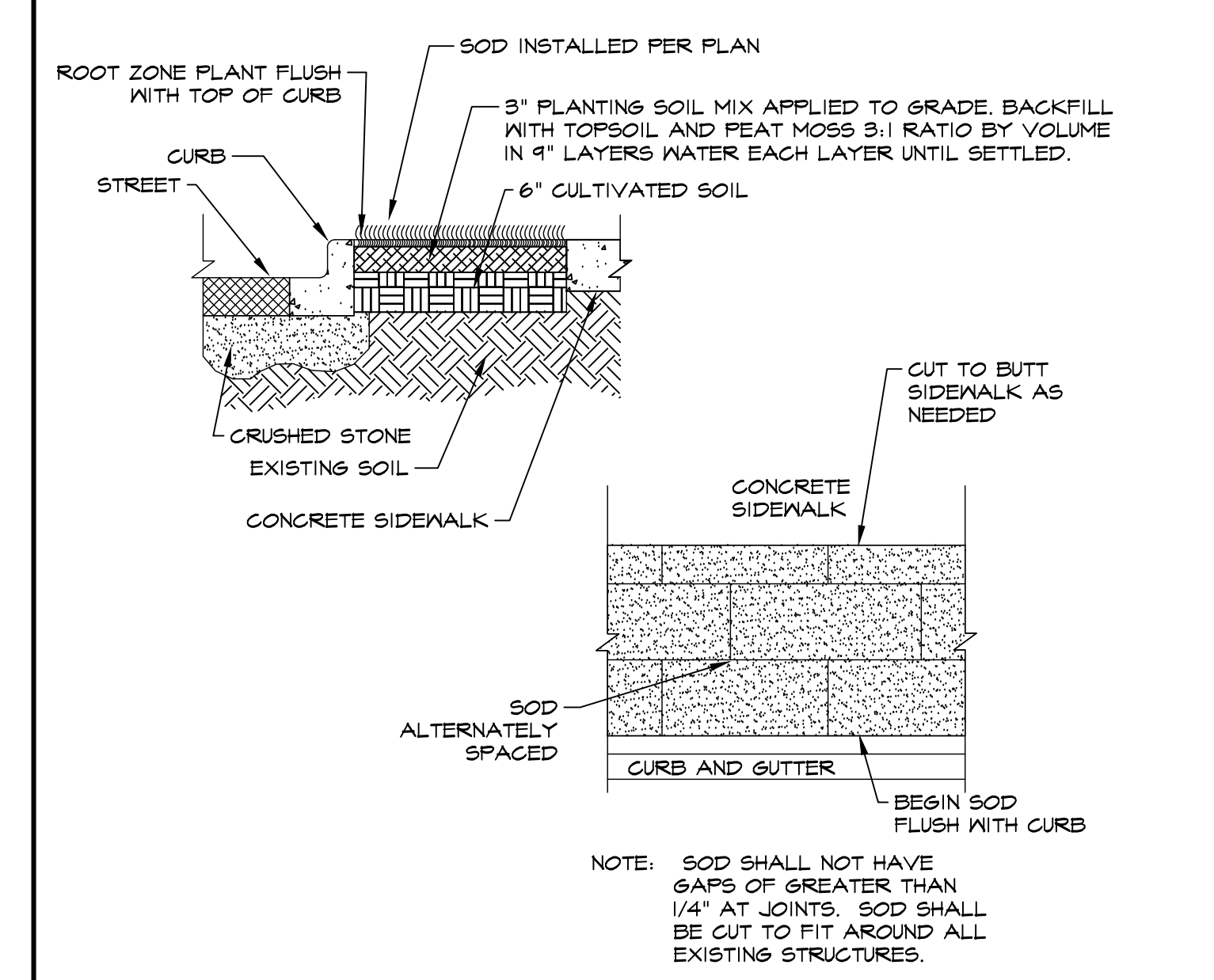
4 SHRUB PLANTING DETAIL  
1/4" = 1'-0" FDA-LA-02



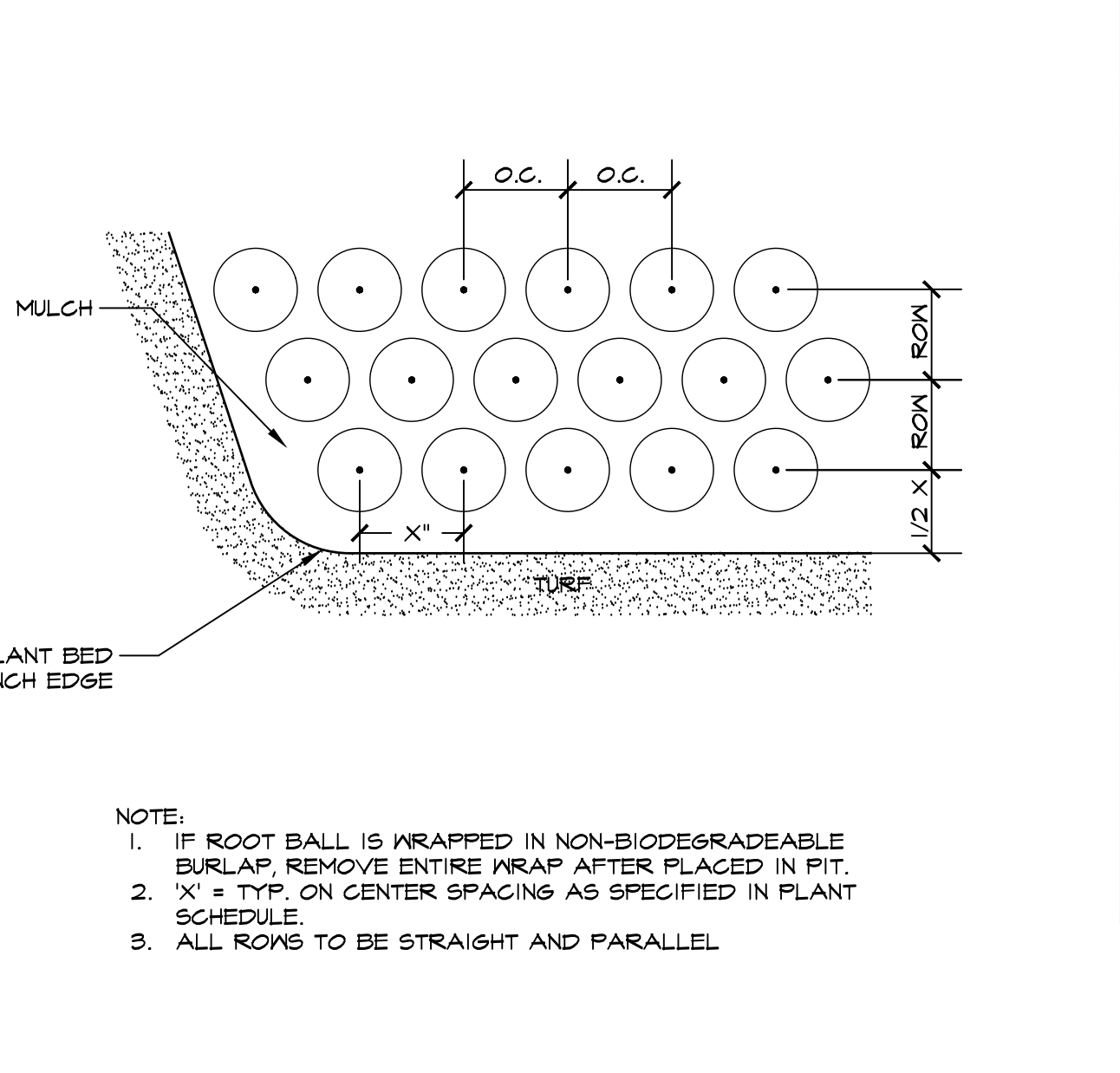
NOTES:  
1- SEE PLANTING LEGEND FOR GROUNDCOVER SPECIES, SIZE, AND SPACING DIMENSION.  
2- SMALL ROOTS (1/4" OR LESS) THAT GROW AROUND, UP, OR DOWN THE ROOT BALL PERIPHERY ARE CONSIDERED A NORMAL CONDITION IN CONTAINER PRODUCTION AND ARE ACCEPTABLE UNLESS THEY SHOULD BE ELIMINATED AT THE TIME OF PLANTING. ROOTS ON THE PERIPHERY CAN BE REMOVED AT THE TIME OF PLANTING. (SEE ROOT BALL SHAVING CONTAINER DETAIL).  
3- SETTLE SOIL AROUND ROOT BALL OF EACH GROUNDCOVER PRIOR TO MULCHING.

5 GROUNDCOVER PLANTING DETAIL  
1/4" = 1'-0" FDA-LA-03

6 PLANTING BED EDGE DETAIL  
1/2" = 1'-0" FDA-LA-05

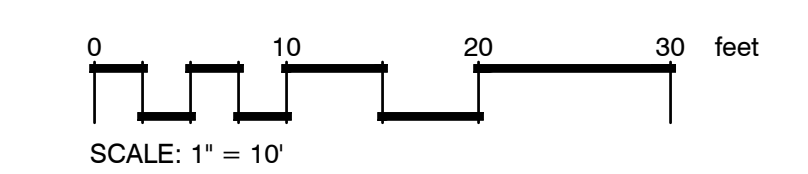


8 SOD INSTALLATION DETAIL  
NTS FDA-LA-12



7 TYP. SHRUB MASS LAYOUT DETAIL  
1/8" = 1'-0" FDA-LA-10

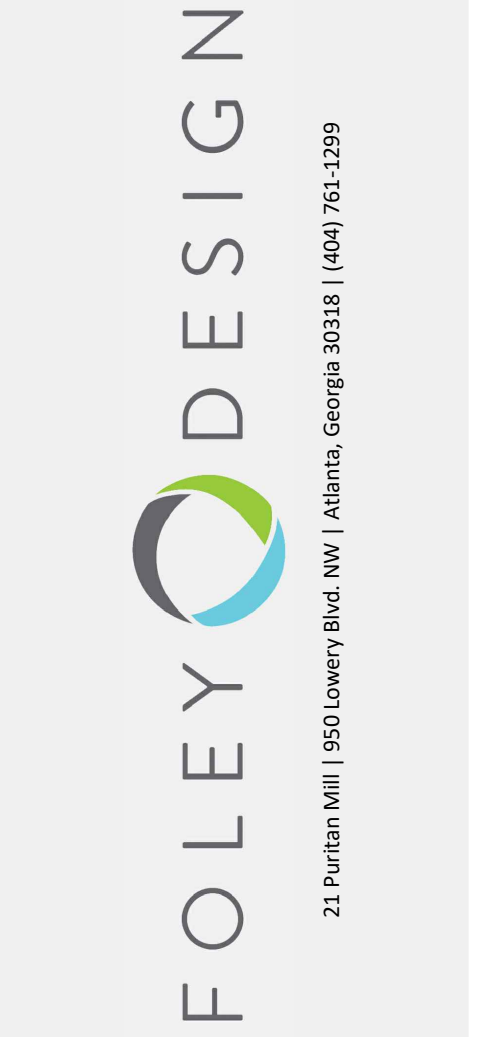
1 LANDSCAPE PLAN  
SCALE: 1/8" = 1'-0"



CONSULTANT



ARCHITECT



ADDRESS

TAYLOR-BRAWNER PARK  
SITE IMPROVEMENTS  
SMYRNA, GA 30080

NO.	DATE	DESCRIPTION
1	-/-	
2	-/-	
3	-/-	
4	-/-	
5	-/-	
6	-/-	
7	-/-	

Sheet Title:

LANDSCAPE PLAN AND DETAILS

Date: 9/15/21  
Project No.: 201958

L2.0

ISSUED FOR BID





**TAYLOR-BRAWNER PARK  
SITE IMPROVEMENTS**  
SMYRNA, GA 30080

NO.	DATE	DESCRIPTION
1	-/-	
2	-/-	
3	-/-	
4	-/-	
5	-/-	
6	-/-	
7	-/-	

**EROSION CONTROL PLAN AND DETAILS**

Date: 9/15/21  
Project No.: 201958

**L3.0**

# GEORGIA UNIFORM CODING SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

STRUCTURAL PRACTICES				STRUCTURAL PRACTICES																																																															
CODE	PRACTICE	DETAIL	DESCRIPTION	CODE	PRACTICE	DETAIL	DESCRIPTION																																																												
Cd	CHOCAM		A small temporary barrier or dam constructed across a grade, drainage ditch or area of concentrated flow.	Sr	TEMPORARY STREAM CROSSING		A temporary bridge or culvert-type structure protecting a stream or watercourse from damage by crossing construction equipment.																																																												
Ch	CHANNEL STABILIZATION		Improving, constructing or stabilizing an open channel, existing stream, or ditch.	St	STORMWATER OUTLET PROTECTION		A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.																																																												
Co	CONSTRUCTION EXIT		A crushed stone pool located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.	Su	SURFACE ROUGHENING		A rough soil surface with horizontal depressions on a contour or slopes left in a roughened condition after grading.																																																												
Cr	CONSTRUCTION ROAD STABILIZATION		A travelway constructed as part of a construction plan including access roads, subdivision roads, parking areas and other on-site vehicle transportation routes.	Tc	TURBIDITY CURTAIN		A floating or staked barrier installed within the water (it may also be referred to as a floating boom, silt barrier, or silt curtain).																																																												
Dc	STREAM DIVERSION CHANNEL		A temporary channel constructed to convey flow around a construction site while a permanent structure is being constructed.	Tp	TOPSOILING		The practice of stripping off the more fertile soil, storing it, then spreading it over the disturbed area after completion of construction activities.																																																												
Di	DIVERSION		An earth channel or dike located above, below or across a slope to divert runoff. This may be a temporary or permanent structure.	Tr	TREE PROTECTION		To protect desirable trees from injury during construction activity.																																																												
Dn1	TEMPORARY DOWNDRAIN STRUCTURE		A flexible conduit of heavy-duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and inexpensive.	Wt	VEGETATED WATERWAY		Paved or vegetative water outlets for diversions, terraces, berms, dikes or similar structures.																																																												
Dn2	PERMANENT DOWNDRAIN STRUCTURE		A paved chute, pipe, sectional conduit or similar material designed to safely conduct surface runoff down a slope.	<b>VEGETATIVE PRACTICES</b> <table border="1"> <thead> <tr> <th>CODE</th> <th>PRACTICE</th> <th>DETAIL</th> <th>MAP SYMBOL</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>Bf</td> <td>BUFFER ZONE</td> <td></td> <td></td> <td>Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams.</td> </tr> <tr> <td>Cs</td> <td>COASTAL DUNE STABILIZATION (WITH VEGETATION)</td> <td></td> <td>Ds</td> <td>Planting vegetation on dunes that are denuded, artificially constructed, or re-nourished.</td> </tr> <tr> <td>Ds1</td> <td>DISTURBED AREA (HULLLED WITH MULCHING ONLY)</td> <td></td> <td>Dn1</td> <td>Establishing temporary protection for disturbed areas where seedings may not have a suitable growing season to produce an erosion retarding cover.</td> </tr> <tr> <td>Ds2</td> <td>DISTURBED AREA (HULLLED WITH TEMP. SEEDING)</td> <td></td> <td>Dn2</td> <td>Establishing a temporary vegetative cover with fast growing seedings on disturbed areas.</td> </tr> <tr> <td>Ds3</td> <td>DISTURBED AREA (HULLLED WITH PERM. SEEDING)</td> <td></td> <td>Dn3</td> <td>Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.</td> </tr> <tr> <td>Ds4</td> <td>DISTURBED AREA STABILIZATION (WOODS)</td> <td></td> <td>Dn4</td> <td>A permanent vegetative cover using sods on highly erodible or critically eroded lands.</td> </tr> <tr> <td>Du</td> <td>DUST CONTROL ON DISTURBED AREAS</td> <td></td> <td>Du</td> <td>Controlling surface and air movement of dust on construction site, roadways and similar sites.</td> </tr> <tr> <td>Fl-Cc</td> <td>FLOCCULANTS AND COAGULANTS</td> <td></td> <td>Fl-Cc</td> <td>Substance formulated to assist in the solids/liquid separation of suspended particles in solution.</td> </tr> <tr> <td>Sb</td> <td>STREAMBANK STABILIZATION (USING TEMP. VEGETATION)</td> <td></td> <td>Sb</td> <td>The use of readily available native plant materials to maintain and enhance streambanks, or to prevent, or restore and repair small streambank erosion problems.</td> </tr> <tr> <td>Ss</td> <td>SHORE STABILIZATION</td> <td></td> <td>Ss</td> <td>A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.</td> </tr> <tr> <td>Tac</td> <td>TACKERS AND BINDERS</td> <td></td> <td>Tac</td> <td>Substance used to anchor straw or hay mulch by causing the organic material to bind together.</td> </tr> </tbody> </table>				CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION	Bf	BUFFER ZONE			Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams.	Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)		Ds	Planting vegetation on dunes that are denuded, artificially constructed, or re-nourished.	Ds1	DISTURBED AREA (HULLLED WITH MULCHING ONLY)		Dn1	Establishing temporary protection for disturbed areas where seedings may not have a suitable growing season to produce an erosion retarding cover.	Ds2	DISTURBED AREA (HULLLED WITH TEMP. SEEDING)		Dn2	Establishing a temporary vegetative cover with fast growing seedings on disturbed areas.	Ds3	DISTURBED AREA (HULLLED WITH PERM. SEEDING)		Dn3	Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.	Ds4	DISTURBED AREA STABILIZATION (WOODS)		Dn4	A permanent vegetative cover using sods on highly erodible or critically eroded lands.	Du	DUST CONTROL ON DISTURBED AREAS		Du	Controlling surface and air movement of dust on construction site, roadways and similar sites.	Fl-Cc	FLOCCULANTS AND COAGULANTS		Fl-Cc	Substance formulated to assist in the solids/liquid separation of suspended particles in solution.	Sb	STREAMBANK STABILIZATION (USING TEMP. VEGETATION)		Sb	The use of readily available native plant materials to maintain and enhance streambanks, or to prevent, or restore and repair small streambank erosion problems.	Ss	SHORE STABILIZATION		Ss	A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.	Tac	TACKERS AND BINDERS		Tac	Substance used to anchor straw or hay mulch by causing the organic material to bind together.
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Fr	FILTER RING		A temporary stone barrier constructed at storm drain inlets and pond outlets.																																																																
Ga	GABION		Rock filter baskets which are hand-placed into position forming soil stabilizing structures.																																																																
Gr	GRADE STABILIZATION STRUCTURE		Permanent structures installed to protect channels or waterways where otherwise the slope would be sufficient for the running water to form gullies.																																																																
Lv	LEVEL SPREADER		A structure to convert concentrated flow of water into less erosive sheet flow. This should be constructed only on undisturbed soils.																																																																
Rd	ROCK FILTER DAM		A permanent or temporary stone filter dam installed across small streams or drainageways.																																																																
Re	RETAINING WALL		A wall installed to stabilize cut and fill slopes where maximum permissible slopes are not obtainable. Each situation will require special design.																																																																
Rt	RETRO FITTING		A device or structure placed in front of a permanent stormwater detention pond outlet structure to serve as a temporary sediment filter.																																																																
Sd1	SEDIMENT BARRIER		A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.																																																																
Sd2	INLET SEDIMENT TRAP		An impounding area created by excavating around a storm drain drop inlet. The excavated area will be filled and stabilized on completion of construction activities.																																																																
Sd3	TEMPORARY SEDIMENT BASIN		A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out.																																																																
Sd4	TEMPORARY SEDIMENT TRAP		A small temporary pond that drains a disturbed area so that sediment can settle out. The principle feature distinguishing a temporary sediment trap from a temporary sediment basin is the lack of a pipe or riser.																																																																
Sk	FLOATING SURFACE SKIMMER		A buoyant device that releases/draws water from the surface of sediment ponds, traps, or basins at a controlled rate of flow.																																																																
Spb	SEEP BERM		Linear control device constructed as a diversion perpendicular to the direction of runoff to enhance dispersion and infiltration, while creating multiple sedimentation chambers with the employment of intermediate dikes.																																																																

**EROSION & SEDIMENT CONTROL NOTES**

- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
- 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.
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
- NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL WARELAND BUFFERS AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

**DESCRIPTION OF CONSTRUCTION ACTIVITY**

THE PROPOSED CONSTRUCTION OF THE SITE IMPROVEMENTS AT TAYLOR BRANNER PARK WILL INCLUDE MINIMAL CLEARING AND GRUBBING, TREE PRUNING, GRADING, PLANT INSTALLATION AND CONSTRUCTION A CONCRETE SIDEWALK AND PAVEMENT. THE EXISTING SITE IS PARTIALLY WOODED AND OPEN.

THE SITE DRAINS TO AN UNNAMED TRIBUTARY TO LAUREL LAKE. THIS SITE IS NOT WITHIN 1 MILE UPSTREAM OF A 305(b) OR 305(d) IMPAIRED STREAM. THE PROPOSED CONSTRUCTION IS ACCOMPANIED BY A VERY RIGOROUS EROSION CONTROL PROGRAM TO ENSURE THAT STORM WATER ASSOCIATED WITH THE CONSTRUCTION DOES NOT CAUSE EROSION, SEDIMENTATION AND POLLUTION WITHIN THE RECEIVING WATERS OF THIS DRAINAGE AREA.

THIS PROJECT WILL HAVE APPROXIMATELY 0.4 ACRES DISTURBED.

**CRITICAL AREAS**

- UNNAMED TRIBUTARY
- SILT FENCE

**VEGETATIVE PLAN**

SEEDING RATES FOR TEMPORARY SEEDINGS [Ds2] [Dv]

Species	Rate Per 1000 sq. ft. Per Acre	Rate	Mts-Litstone	Piedmont	Coastal	Planting Dates
Winter Rye (Secale cereale)	0.6 lbs.	20 lbs.	4/15-4/15	10/1-3/15	10/15-2/15	
Mix when appropriate with:						
Unhulled Common Bermudagrass (Cynodon dactylon)	0.2 lbs.	6-8 lbs.	10/1-4/15	4/15-3/15	10/15-2/15	
Lespedeza (Lespedeza striata)	0.2 lbs.	8-10 lbs.	4/15-4/15	10/1-3/15	10/15-2/15	
Mix when appropriate with:						
Common Bermudagrass (Cynodon dactylon)	0.2 lbs.	8-10 lbs.	4/15-10/1	3/15-4/15	2/15-10/15	

Unusual site conditions may require heavier seeding rates. Seeding dates may need to be altered to fit temperature variations and local conditions. The above application rates are for erosion control purposes only. See Landscape Plan for FINAL vegetation. ADD 1 TON OF LIME PER DISTURBED ACRE unless soil test indicate otherwise. ADD 1000 lbs. OF 6-12-12 FERTILIZER PER GRASSSED ACRE unless soil test indicate otherwise.

SEEDING RATES FOR PERMANENT SEEDINGS [Ds3] [Dv]

Species	Rate Per 1000 sq. ft. Per Acre	Rate	Mts-Litstone	Piedmont	Coastal	Planting Dates
Unhulled Common Bermudagrass (Cynodon dactylon)	0.2 lbs.	6-8 lbs.	4/15-4/15	4/15-3/15	10/15-2/15	
Mix with:						
Winter Rye (Secale cereale)	0.6 lbs.	20 lbs.				
Common Bermudagrass (Cynodon dactylon)	0.2 lbs.	8-10 lbs.	4/15-10/1	3/15-4/15	2/15-10/15	
Mix when appropriate with:						
Lespedeza (Lespedeza striata)	0.2 lbs.	8-10 lbs.	4/15-4/15	10/1-3/15	10/15-2/15	

Unusual site conditions may require heavier seeding rates. Seeding dates may need to be altered to fit temperature variations and local conditions. The above application rates are for erosion control purposes only. See Landscape Plan for FINAL vegetation. ADD 2 TON OF LIME PER DISTURBED ACRE unless soil test indicate otherwise. ADD 1500 lbs. OF 6-12-12 FERTILIZER PER GRASSSED ACRE unless soil test indicate otherwise.

**MULCHING RATES** [Ds1] [Dv] ALTERNATIVE # [Tb]

Mulching with permanent vegetation. Mulch is required for all permanent vegetation applications. Mulch applied to seeded areas shall achieve 75% soil cover. Dry straw mulch shall be applied at a rate of 2 tons per acre. Dry hay mulch shall be applied at a rate of 2.5 tons per acre.

Mulching Only: Straw/Hay shall be applied at 2-4 inches depth providing complete soil coverage.

**ALTERNATIVE [Tb]**

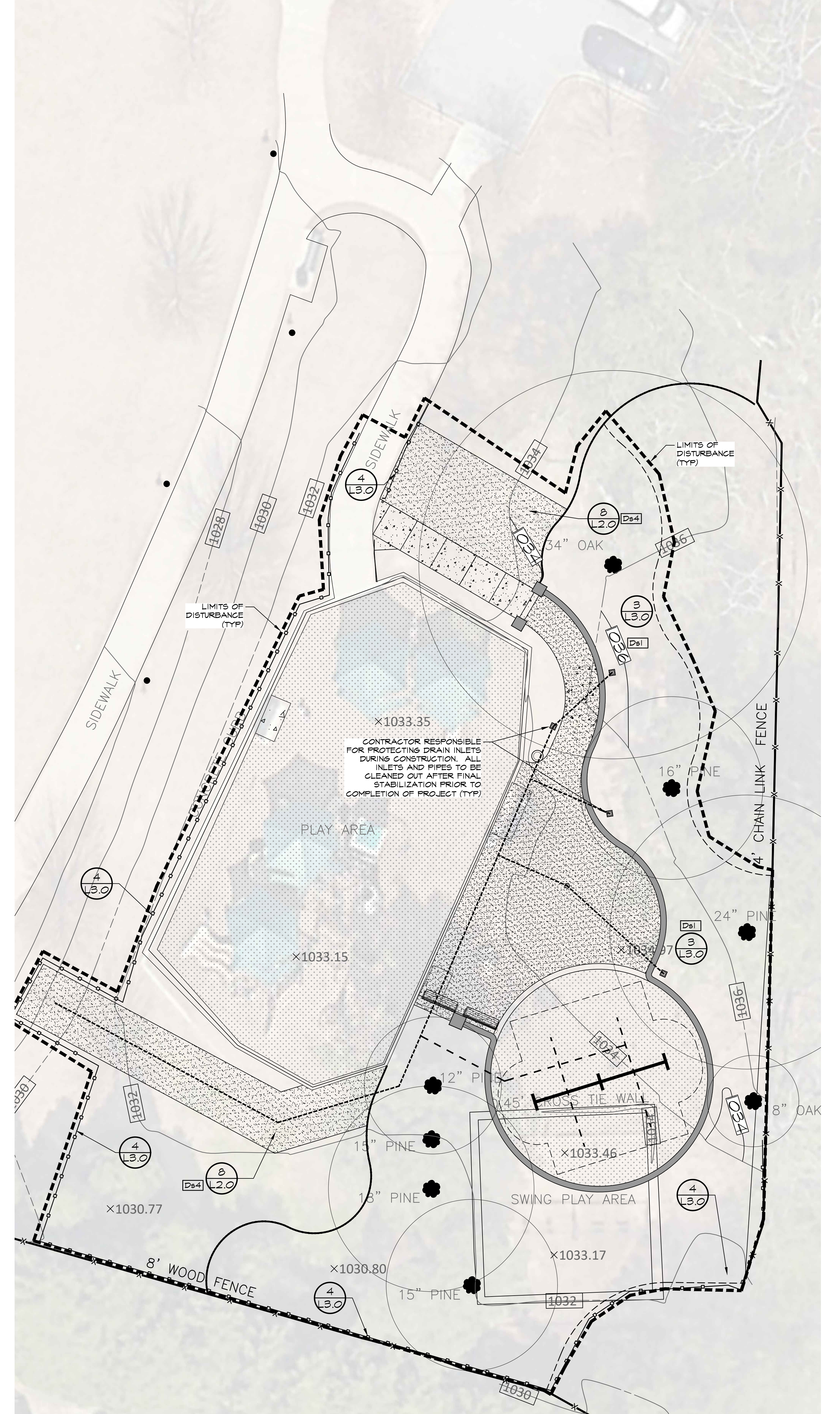
IF ABOVE TREATMENT IS INEFFECTIVE USE APPROVED TACKIFIERS AND BINDERS

Product or Trade Name	Recommended Application Rate
ASCO HYDRO-STIK	40 lb./ac.
Agro Tack MP	PMR
CONVED CON-TAC	40 lb./ac.
EcoTack-OP/EcoTack-SATII	PMR
Emulsified Asphalt	100 gal. of 55-lb or 655-lb and 100 gal. of water per ton of mulch
Hercules Solliac-E	PMR
HYDRO-BOND	35 lb./ac.
RMB-plus	80-120 lb./ac.
TACKFAST	PMR
TERRA-MULCH	PMR
TACKING AGENT III	PMR

**ANTICIPATED SEEDING SCHEDULE**

PIEDMONT REGION

TEMPORARY SEEDINGS [Ds2]	J	F	M	A	M	J	J	A	S	O	N	D
WINTER RYE (Secale cereale)												
WINTER RYE mixed w/ UNHULLED COMMON BERMUUDA (Cynodon dactylon)												
ANNUAL LESEDEZA (Lespedeza striata)												
ANNUAL LESEDEZA mixed w/ HULLED COMMON BERMUUDA (Cynodon dactylon)												
PERMANENT SEEDINGS [Ds3]	J	F	M	A	M	J	J	A	S	O	N	D
UNHULLED COMMON BERMUUDA (Cynodon dactylon) mixed w/ WINTER RYE (Secale cereale)												
HULLED COMMON BERMUUDA (Cynodon dactylon)												
COMMON BERMUUDA mixed w/ ANNUAL LESEDEZA (Lespedeza striata)												



**1 EROSION, SEDIMENT, AND POLLUTION CONTROL PLAN**  
SCALE: 1" = 10'

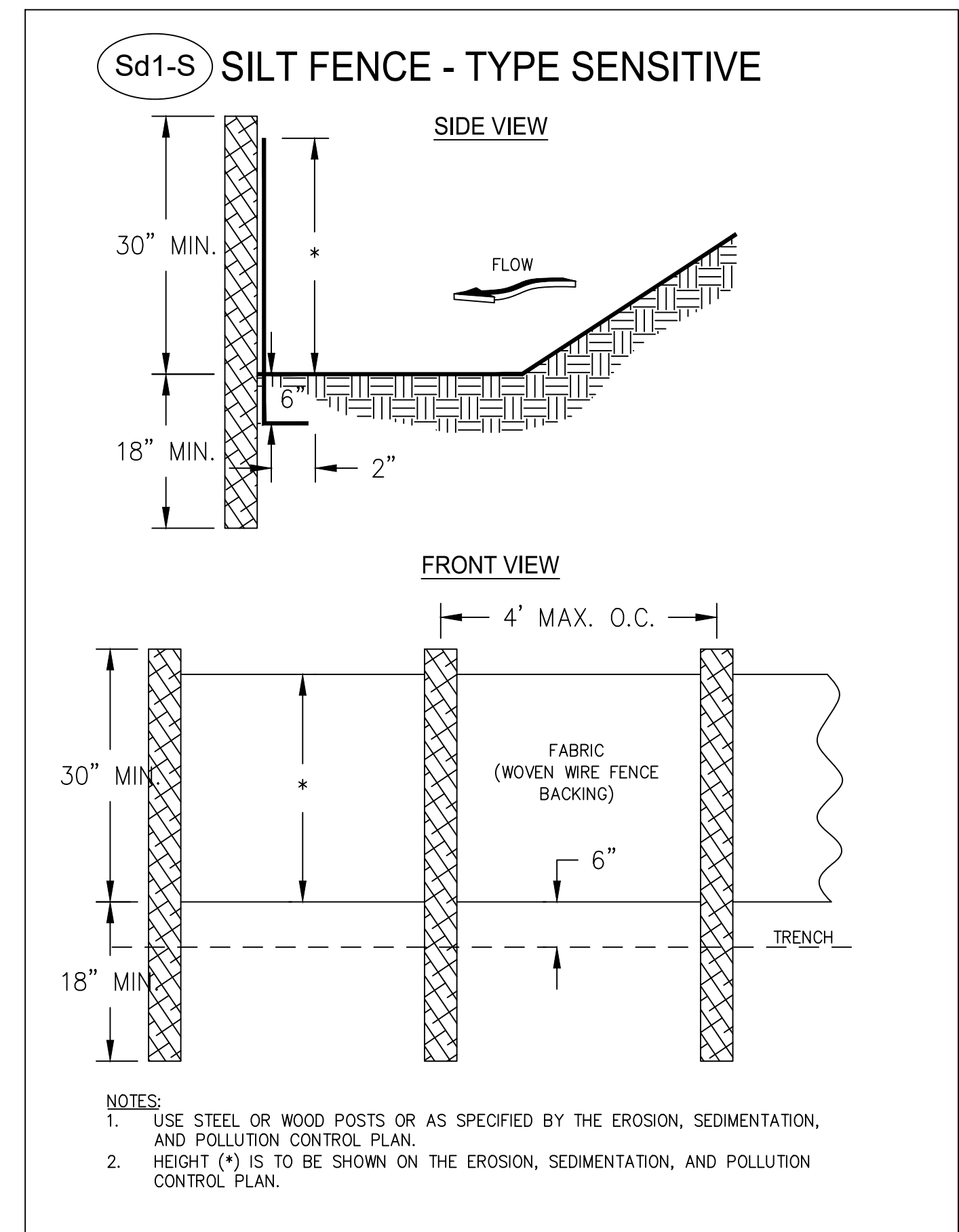
ADD'L EROSION CONTROL NOTES:

CONTRACTOR TO PREVENT SEDIMENTARY AND DEBRIS FROM ENTERING STORM DRAIN STRUCTURES PRIOR TO COMPLETION OF THE PROJECT.

PROJECT LIMITS / LIMITS OF DISTURBANCE IS LESS THAN 1.0 ACRE. SEDIMENT STORAGE IS CONTAINED AND MITIGATED WITHIN THE SILT FENCE AT THE LOWER LIMITS OF THE PROJECT AS ILLUSTRATED IN THE PLAN ABOVE.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE ONESELF WITH ANY NPDES REQUIREMENTS APPLICABLE TO THIS PROJECT.

**2 GEORGIA UNIFORM CODING SYSTEM FOR SOIL ESPC PRACTICES-GSWCC**



**4 (SD1-S) SILT FENCE-TYPE SENSITIVE**

**3 VEGETATIVE MEASURES**