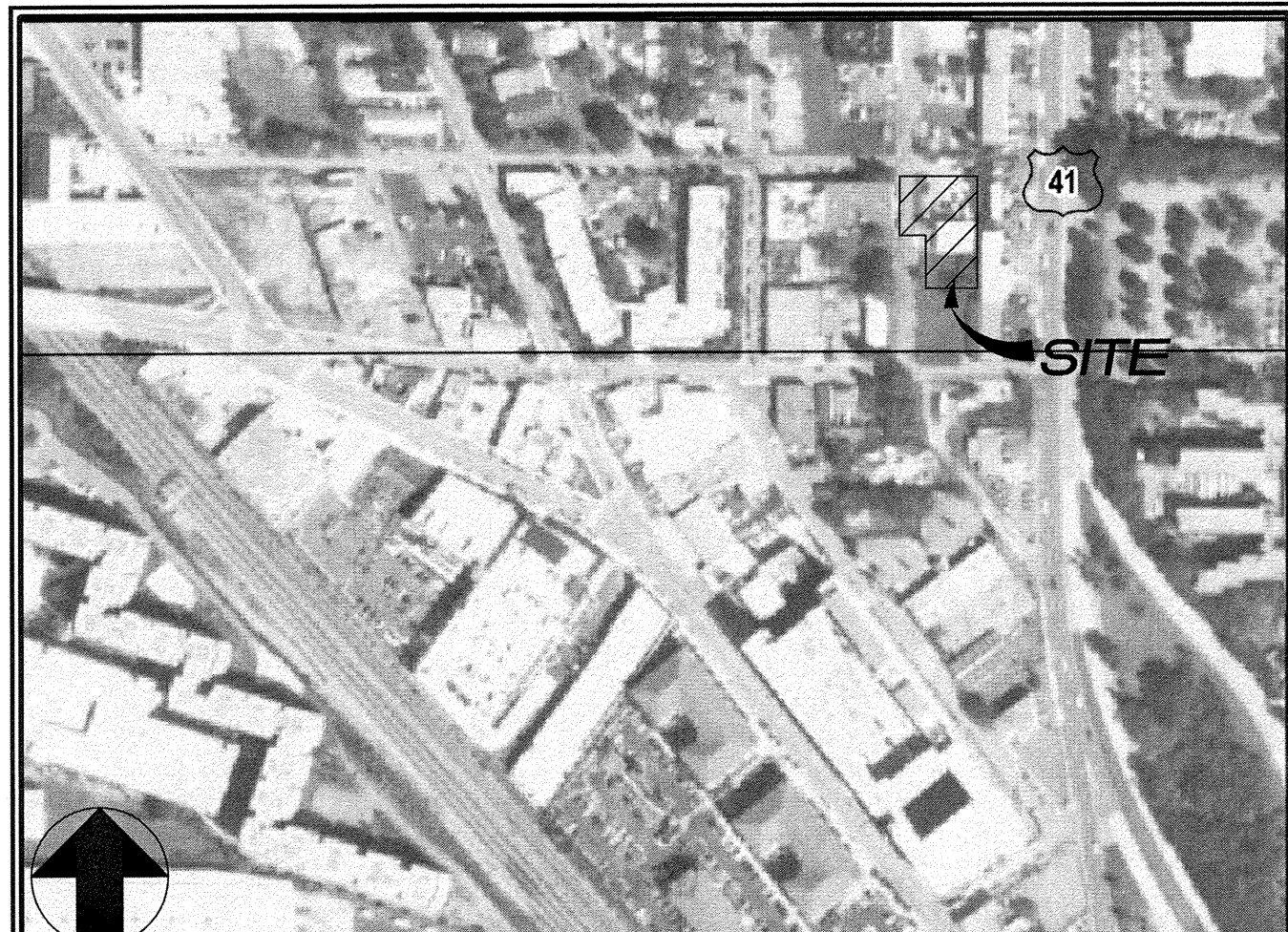


LOCATION MAP

REF. AERO ATLAS
NOT TO SCALE



FEMA FLOOD MAP

NOT TO SCALE

I N D E X

No.	DESCRIPTION
C1.1	COVER SHEET
C2.1	EXISTING CONDITIONS
C3.1	SITE DEMOLITION PLAN
C4.1	SITE PLAN
C5.1	GRADING PLAN
C6.1	UTILITY PLAN
C7.1	EROSION CONTROL PLAN - INITIAL PHASE
C8.1	EROSION CONTROL PLAN - INTERMEDIATE PHASE
C9.1	EROSION CONTROL PLAN - FINAL PHASE
C10.1	EROSION, SEDIMENTATION & POLLUTION CONTROL NOTES
C11.1	TREE REMOVAL PLAN
C11.2	LANDSCAPE PLAN
C12.1-12.2	PROFILES
C13.1-13.2	CONSTRUCTION DETAILS



CITY OF ATLANTA

DEPARTMENT OF CITY PLANNING
55 TRINITY AVENUE, S.W. SUITE 1350 - ATLANTA, GEORGIA 30303-0008
404-330-6145 - FAX: 404-658-7491
www.atlantaga.gov

TIM KEANE
Commissioner
CHARLETTA WILSON JACKS
Director
Office of Zoning and Development

November 6, 2017

Julie L. Sellers
1230 Peachtree Street NE, Suite 1200
Atlanta, Georgia 30309

V-17-198
Application of Julie L. Sellers for a variance to reduce the front yard setback (Northside Drive) from 40 feet to 26.5 feet, the front yard setback (Fielder Avenue) from 40 feet to 5 feet and the north side yard setback from 20 feet to 0 feet for the construction of a storage facility for properties located at 924 Northside Drive, N.W., 0 Northside Drive, N.W. (3 parcels identified by parcel ID numbers: 17 01500008075, 17 01500008077, 17 01500008078) and 0 Fielder Avenue, N.W. (17 01500008057) (pending lot consolidation), fronting 245 feet on the west side of Northside Drive and 75 feet on the east side of Fielder Avenue and beginning 100 feet from the northwest intersection of Northside Drive and 8th Street and 221 feet from the northeast intersection of Fielder Avenue and 8th Street. Zoned I-1 (Light Industrial). Land Lots 149 and 150 of the 17th District, Fulton County, Georgia.
Owner: Clemons Development, LLC & Joseph Barton
Council District 3, NFU E

Ms. Sellers:

As a result of the public hearing held on November 2, 2017, the Board of Zoning Adjustment approved the above referenced application.

A copy of this letter should be submitted to the Office of Buildings along with your application for a building permit. Information related to applications heard by the Board of Zoning Adjustment (BZA), including additional copies of this letter, may be found online using the City's online permitting system, Accela Citizen: https://accela.atlantaga.com/Atlanta_Ga/Default.aspx. A search can be performed by entering any of the following information: case number, case type, date submitted. Thank you in advance for your cooperation and please do not hesitate to call with questions.

Sincerely,

Racquel T. Jackson
Secretary, Board of Zoning Adjustment

cc: Keyetta M. Holmes, Zoning Administrator
Charletta Wilson Jacks, Director

GENERAL NOTES:

- Information regarding the reputed presence, size, character and location of existing underground utilities and structures is shown hereon. There is no certainty of the accuracy of this information and it shall be considered in that light by those using this drawing. The location and arrangement of underground utilities and structures shown hereon may be inaccurate and utilities and structures not shown may be encountered. The owner, his employees, his consultants and his contractors shall hereby distinctly understand that the surveyor is not responsible for the correctness or sufficiency of this information.
- All pipe lengths are scaled lengths from center of structure. Contractor shall verify prior to ordering pipe.
- All dimensions are to face of curb, face of building, or center of structure, unless otherwise noted.
- All curb radii are 5' unless otherwise noted.
- Contractor shall verify the location of ALL utilities. Contractor shall have ALL utilities flagged with invert elevations prior to construction. Notify engineer of ALL discrepancies or additional utilities encountered.
- There are no waters of the state within 200' of the site.
- There are no wetlands located on the site.
- All construction shall conform to City of Atlanta Standards and Specifications.
- All non-paved disturbed areas to be seeded with material suitable to season and to be maintained until stabilized.
- All junction boxes to have ring and cover access.
- No parking, storage, or other construction site activities are to occur within tree protection areas.
- No bury pits are proposed for this site.
- Topographic and Boundary information has been taken from Boundary and Topographic Survey for Broward Management, LLC, dated 04/04/17, last revised 07/18/17.

CITY OF ATLANTA SITE DEVELOPMENT NOTES:

- No graded slope shall exceed 2H:1V.
- Prior to the land disturbing activities, the contractor shall schedule a pre-construction meeting with the area Erosion Control Inspector. Call (404) 546-1305 to contact the inspector.
- 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.
- 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 idle for a period greater than 14 days shall be stabilized with mulch and temporary seeding.
- Any disturbed areas remaining idle for 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 erosion and sediment control measures shall be installed if determined necessary by on-site inspection.
- Silt fence shall meet the requirements of Section 171- Type C temporary silt fence, of the Georgia Department of Transportation Standard Specifications, 1993 edition, and be wire reinforced.
- The property owner and contractor are equally responsible for all erosion control activities.
- It is the responsibility of the contractor to obtain qualified professional advice when questions arise concerning design and effectiveness of erosion control devices, not the City of Atlanta.
- All temporary and permanent seeding must be performed at the appropriate season. In such instances where the establishment of vegetation is inappropriate due to season or drought, disturbed areas shall be temporarily stabilized using 2"-4" of mulch (Dsl). Additional plantings will be necessary if a sufficient stand of grass fails to grow.
- The City's designer will verify adequate cover (100% cover, 70% density) of permanent stabilization (Dsl, Dsl4).
- Silt fences shall not be placed in stream buffer or floodplains, unless utilized for the construction of an exempt activity (i.e. roadway drainage structures, sewer/water crossings, or drainage structures) per the approved plans. For such disturbances within the buffer, the area shall be immediately stabilized using erosion control matting and/or blankets once the activity is complete.
- Individual builder (within a common development) must file a Notice of Intent (NOI) with EPD for coverage under NPDES DslR 100003 as secondary permittee 14 days prior to land disturbance activity. NOI must be posted on site at all times.
- Sediment storage volume @ 67 cy/acre must be installed prior to any other land disturbance activity and in place until final stabilization occurs.
- For each site on which land disturbing activity occurs, each entity or person acting as either a primary, secondary, or tertiary permittee, as defined in the state general permit, shall have as a minimum one person who is in responsible charge of erosion and sedimentation control activities on behalf of said entity or person and meets the applicable (Level 1A) education or training certification requirements (O.C.G.A. 12-7-19(c)(2)).
- Subcontractors involved with land disturbance activities shall meet the education requirements (Level 1) described in O.C.G.A. 12-7-19.

CITY OF ATLANTA EROSION CONTROL NOTES:

- Provision to prevent erosion of soil from the site shall be, as minimum, in conformance with the requirements of the City/County/State Erosion and Sedimentation Ordinance and the City/County/State Code of Laws dealing with erosion and sedimentation.
- Prior to any other construction, a stabilized construction entrance shall be constructed at each point of entry to or exit from the site.
- The construction exits shall be maintained in a condition which will prevent tracking or flow of mud onto Public right of way. This may require periodic top dressing with stone, as conditions demand, and repair and/or cleanup of any structures used to trap sediment. All materials spilled, dropped, washed, or tracked from vehicle or site onto Public roadway or into storm drain must be removed immediately.
- Prior to commencing land disturbance activity, the limits of Land Disturbance shall be clearly and accurately demarcated with stakes, ribbons, or other appropriate means. The location and extent of all authorized land disturbance activity shall be demarcated for the duration of the construction activity. No Land Disturbance shall occur outside the approved limits indicated on the approved plans.
- Immediately after the establishment of construction entrances/exits, all perimeter erosion control devices and storm water management devices shall be installed prior to any other construction.
- The Owner agrees to provide and maintain off-street parking on the subject property during the entire construction period.
- The Contractor shall furnish and maintain all necessary barricades while roadway frontage improvements are being made.
- The construction of the site will initiate with the installation of erosion control measures sufficient to control sediment deposits and erosion. All sediment control will be maintained until all upstream ground within the construction area has been completely stabilized with permanent vegetation and all roads/driveways have been paved.
- Erosion control devices shall be installed immediately after ground disturbance occurs. The location of some of the erosion control devices may have to be altered from that shown on the approved plans if drainage patterns during construction are different from the final proposed drainage patterns. It is the Contractor's responsibility to accomplish erosion control for all drainage patterns created at various stages during construction. Any difficulty in controlling erosion during any phase of construction shall be reported to the Engineer immediately.
- All silt barriers must be placed as access is obtained during clearing. No grading shall be done until silt barrier installation and detention facilities are constructed.
- The Contractor shall maintain all erosion control measures until permanent vegetation has been established. The Contractor shall clean out all sediment ponds when required by the Project Engineer or City/County/State Inspector. The Contractor shall inspect erosion control measures at the end of each working day to insure measures are functioning properly.
- The Contractor shall remove accumulated silt when the silt is within one-third of the height of the silt fence utilized for erosion control. In the detention pond, silt shall be removed when the storage volume has been reduced by one-third.
- Failure to maintain all erosion control measures will result in all construction being stopped on the job site until such measures are corrected back to City/County/State Standards.
- All construction shall conform to City/County/State Standards and Specifications, whether or not the review comments were made.
- A copy of the approved land disturbance plan and permit shall be present on the site whenever land disturbance activity is in progress.
- All sewer easements disturbed must be grouted and grassed to control erosion.
- All open swales must be grassed, and rip-rap must be placed as required to control erosion. A minimum of 4.5 square yards of 50-lb stones shall be placed at all downstream headwalls. The placement of rip-rap at the downstream headwalls shall be placed immediately upon the installation of pipes and drainage ditches.
- Silt barriers to be placed at downstream toe of all cut and fill slopes.
- Provide silt gates at all inlet headwalls.
- Provide sediment traps at all catch basins, junction boxes, manholes, and drop inlets.

CITY OF ATLANTA APPLICABLE CODES:

- International Building Code, 2012 edition, with 2014 Georgia Amendments
- International Fire Code, 2012 edition with Georgia Amendments
- International Fuel Gas Code, 2012 edition with Georgia Amendments
- International Mechanical Code, 2012 edition with Georgia Amendments
- International Plumbing Code, 2012 edition with Georgia Amendments
- International Energy Conservation Code, 2009 edition with Georgia Supplements and Amendments
- National Electrical Code, 2014 edition with no amendments
- National Fire Protection Association 101 Life Safety Code, 2012 edition with Georgia Amendments
- Rules and Regulations of Safety Fire Commissioner for State Minimum Fire Safety Standards, chapter 120-3-3 January 15, 2014 (Georgia Safety Fire Law)
- Georgia State Handicapped Accessibility Law 120-3-20a / 2010 ADA Standards for Accessible Design

APPROXIMATE CONSTRUCTION SCHEDULE

ACTIVITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
INSTALL TREE PROTECTION MEASURES																				
INSTALL CORSE, EXT. SEDIMENT BARRIERS																				
INSTALL EROSION CONTROL MEASURES AND OTHER PERMITTED CONTROLS																				
THIER SALVAGE OPERATIONS																				
DEMOLITION																				
CLEARING & GRUBBING OF AREAS NECESSARY FOR THE INSTALLATION OF SEDIMENT RETENTION BASINS AND RELATED STRUCTURES																				
INSTALLATION OF SEDIMENT BASINS AND RELATED STRUCTURES																				
CLEARING & GRUBBING OF REMAINING AREAS																				
ROUGH GRADING																				
INSTALLATION OF SANITARY SEWER SYSTEM																				
INSTALLATION OF STORMWATER MANAGEMENT SYSTEM																				
INSTALLATION OF CURB AND GUTTER																				
FINAL GRADING																				
INSTALLATION OF WATER SYSTEM																				
INSTALLATION OF GRAVEL TORSION FOR ROADS																				
ASPHALT PAVING																				
LANDSCAPE CONSTRUCTION																				
INSTALLATION OF UNDERGROUND UTILITIES																				
TEMPORARY STABILIZATION/LANDSCAPING																				
PERMANENT STABILIZATION/LANDSCAPING																				
REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES																				
MAINTENANCE OF EROSION CONTROL MEASURES																				
MAINTENANCE OF TREE PROTECTION MEASURES																				

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.

EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION AND SEDIMENT CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

ALL EXPOSED AREAS WILL BE GRASSED IF THEY WILL BE LEFT EXPOSED FOR 14 DAYS.
APPROXIMATE PROJECT START DATE: 11-07-2017
APPROXIMATE PROJECT COMPLETION DATE: 11-07-2018

CONSTRUCTION PLANS FOR: 924 NORTHSIDE DR. STORAGE

LAND LOTS 149 & 150, 17TH DISTRICT,
CITY OF ATLANTA, FULTON COUNTY, GEORGIA
ZONING: I-1

TEMPORARY SILT FENCE:

- Type C
Description: Water permeable filter fence material composed of strong rot proof synthetic fibers formed into a matrix of woven or nonwoven fabric. Either type of fabric shall be free of any treatment or coating which might significantly alter its physical properties after installation. The fabric shall contain stabilizers and/or inhibitors to make the filaments resistant to deterioration resulting from exposure to sunlight or heat. The fabric shall be a pervious sheet of synthetic fibers oriented into a stable network so that the fibers retain their relative position with respect to each other.
Edges of the fabric shall be finished to prevent the outer yarn from pulling away from the material. The fabric shall be free of defects or flaws which significantly affect the physical and/or filtering properties. The fabric shall have a minimum width of thirty six (36) inches. Sheets of fabrics may be sewn or bonded together. No deviation from any physical standard will be permitted due to the presence of the seam.
- Materials
A. Posts:
Steel: Posts shall be round, U.T. or C shaped with a minimum weight of 1.3 pounds per foot, and have projections for fastening the wire to the fence for Type fabric. Provide plastic safety caps on all metal silt fence posts.
B. 4 feet centers maximum type C.
C. Fabric: Georgia D.O.T. Qualified Products List #36 only.
D. Fasteners: Wire staples will be No. 17 gage minimum, shall have a crown at least 3/4 inch wide and legs at least 1/2 inch long. Staples shall be evenly spaced with at least 5 per post. Nails shall be 14 gage minimum, 1 inch long with 3/4 inch button heads. Nails shall be evenly spaced with at least 4 per post.
- Installation: Temporary silt fence installation shall conform to the standards set forth in the Manual for Erosion and Sediment Control in Georgia.
- Maintenance: The developer/contractor shall maintain the silt fence until the LDA is complete and final stabilization is achieved. Filter fabric shall be removed and replaced whenever it has deteriorated or been otherwise damaged to such extent that it reduces the effectiveness of the silt fence. Installation of fabric fence material in areas of concentrated flow is not recommended unless proper provisions are made to supplement or otherwise strengthen the fence to withstand increased drainage water velocities.
Note: Vendor must supply letter of warranty for aforementioned specification. In addition, this letter should state that the fabric is on the Georgia DOT QPL #36.

Before starting any land-disturbing activities, the Contractor is required to schedule a pre-construction meeting with Erosion & Sediment Control. Call (404) 546-1305
Failure to schedule may result in a Stop Work Order or Permit Revocation.

WETLAND CERTIFICATION:

The design professional, whose seal appears hereon, certifies the following: The National Wetland Inventory maps have been consulted; and the appropriate plan sheet DOES NOT indicate areas of United States Army Corps of Engineers Jurisdictional Wetlands as shown on the maps; and if wetlands are indicated, the land owner or developer has been advised that land disturbance of protected wetlands shall not occur unless the appropriate federal wetlands alteration (Section 404) permit has been obtained.

TRAVIS PRUITT JR., P.E.
GEORGIA REG. No. 19115
FOR THE FIRM OF
TRAVIS PRUITT & ASSOCIATES, INC.

*THE WORD, "CERTIFY", AS USED IN ANY OF ITS FORMS HEREIN, IS AN EXPRESSION OF PROFESSIONAL OPINION ONLY AND SHALL NOT BE CONSTRUED OR UNDERSTOOD TO BE A STATEMENT OF FACT, A WARRANTY, OR A GUARANTEE OF ANY KIND, EXPRESSED OR IMPLIED.

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.

TRAVIS PRUITT JR., P.E. #19115
GA SWCC LEVEL II CERTIFICATION No. 0000015208
FOR THE FIRM - TRAVIS PRUITT & ASSOCIATES, INC.

OWNER/DEVELOPER

BROWARD MANAGEMENT, LLC

6780 Roswell RD, Suite C-200
SANDY SPRINGS, GA 30328
770-241-5930
24 HOUR EMERGENCY CONTACT
Mr. John Coclough
770-241-5930

JOHNC.BROWARD@GMAIL.COM

TAX PARCEL ID:

CITY OF ATLANTA:
17 01500008057, 17 01500008075, 17 01500008077, 17 01500008078, 17 01500008073
FULTON COUNTY:
17 01500008057, 17 01500008075, 17 01500008072, 17 01500008070, 17 01500008073

SITE AREA:

0.7 ACRES

DISTURBED AREA:

± 0.7 ACRES

SITE ZONING: I-1

BUILDING SETBACK LINES:

FRONT YARD ALONG NORTHSIDE DRIVE : 26.5 FEET
(PER VARIANCE V-17-198)

FRONT YARD ALONG FIELDER AVENUE : 5 FEET
(PER VARIANCE V-17-198)

NORTH SIDE YARD : 0' FEET (PER VARIANCE V-17-198)

SOUTH SIDE YARD : 5 FEET

BUILDING SUMMARY:

3-STORY PLUS BASEMENT
BUILDING 61,988 SQUARE FEET
BUILDING HEIGHT: 48.3'

PARKING SUMMARY:

	REQUIRED*	PROVIDED
REGULAR PARKING:	7	7
ADA ACCESSIBLE PARKING:	1	1
TOTAL PARKING SPACES:	8	8
*ONE SPACE PER 50 INDIVIDUAL UNITS/COMPARTMENTS PLUS ONE SPACE FOR EACH EMPLOYEE ON THE PEAK WORKING SHIFT.		

FAR: 2.0 (MAX 2.0)

PROJECT DESCRIPTION:

CONSTRUCTION OF A NEW 3- STORY CLIMATE CONTROLLED SELF STORAGE WITH BASEMENT

BUILDING INFORMATION:

OCCUPANCY CLASSIFICATION: S-1
CONSTRUCTION TYPE: II-A
BUILDING IS SPRINKLERED



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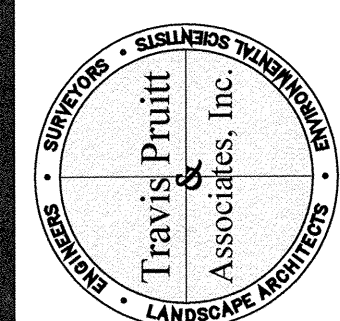
PREPARED BY: David J. Blumenthal
GSWCC Level II Certification No. 0000013061
Expiration date: 06/29/2021

FLOOD HAZARD NOTE
This property does not lie within a 100 year flood hazard zone as defined by the F.E.F. Act. The F.E.F. Act is a federal law that requires the FULTON COUNTY Community Panel Number 131210243P dated SEPTEMBER 18, 2013.

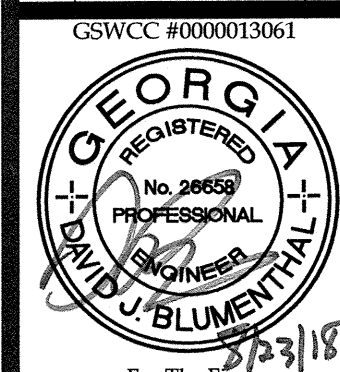
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NO.	DATE	DESCRIPTION	BY
1			
2			
3			
4			
5			

4317 Park Drive, Suite 400
Norcross, Georgia 30093
Phone: (770) 416-7511
Fax: (770) 416-6759
www.travispruit.com
Contact Person: TRAVIS PRUITT JR.



924 NORTHSIDE DR. STORAGE



DATE: 08/17/2017

SCALE: N/A

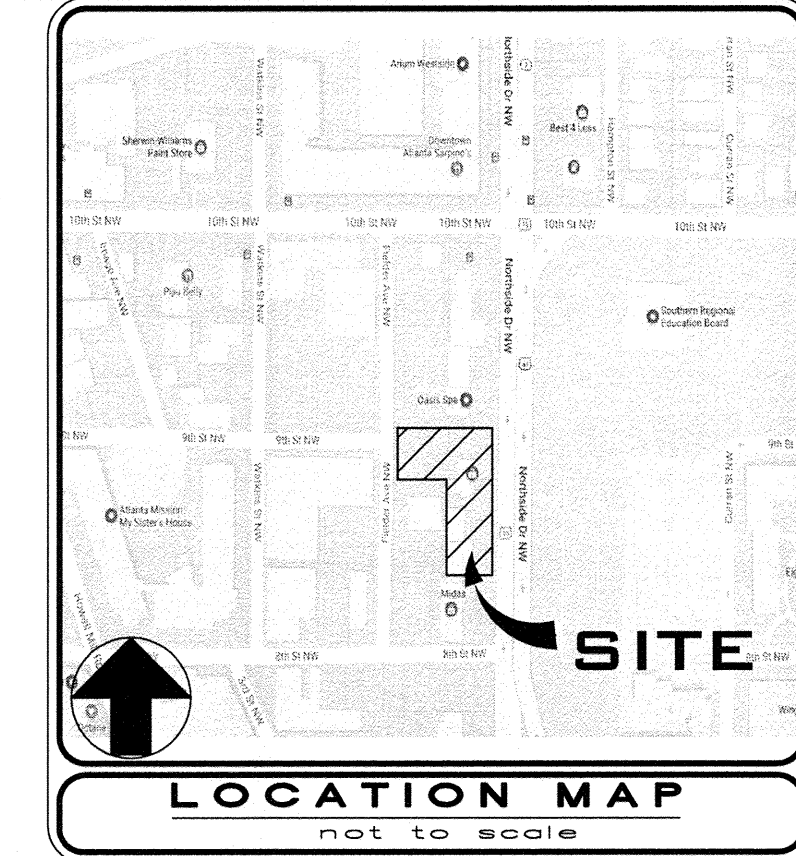
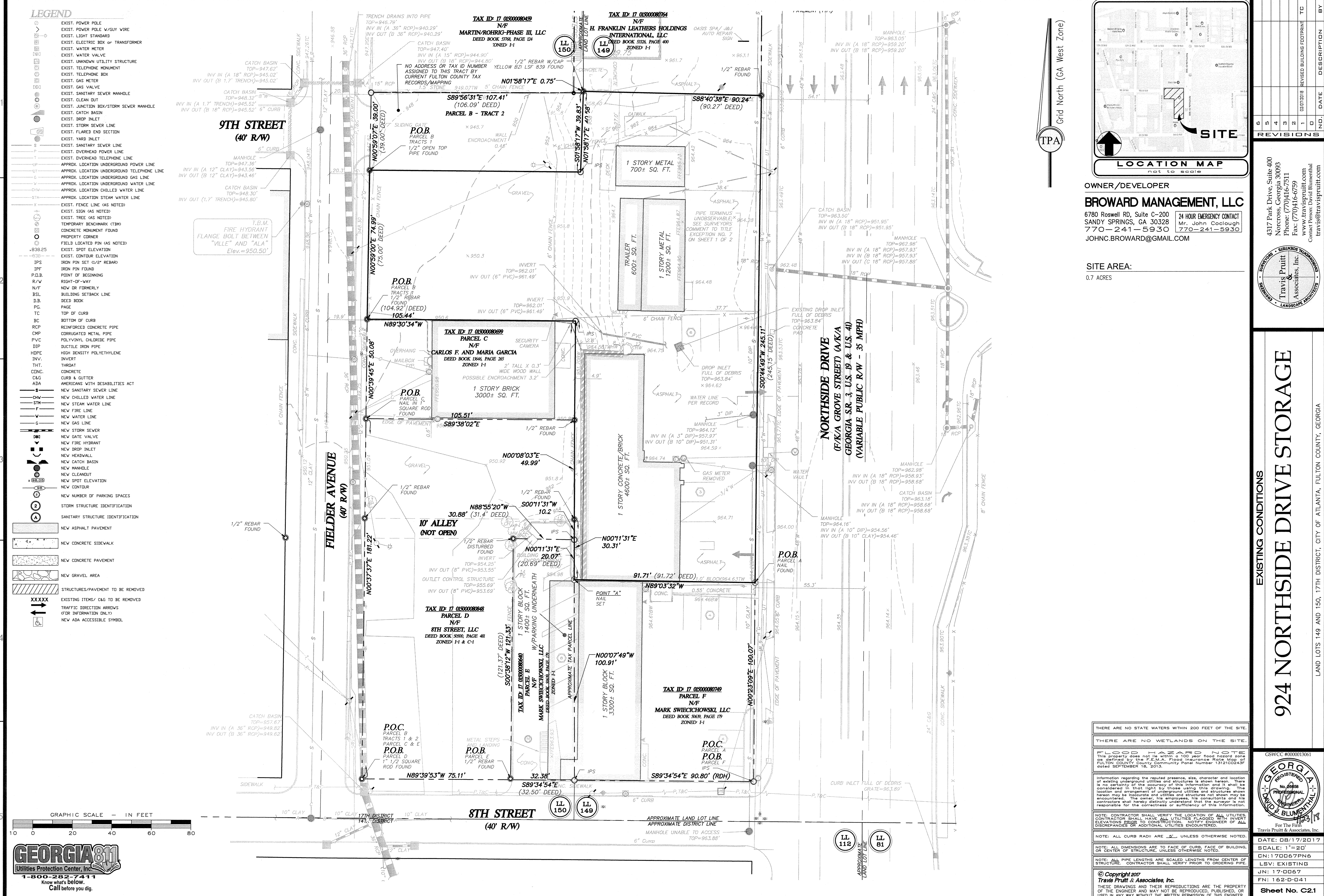
CN: 170067CVR1

LSV: COVER

JN: 17-0067

FN: 162-D-041

Sheet No. C1.1



OWNER/DEVELOPER
BROWARD MANAGEMENT, LLC
6780 Roswell Rd, Suite C-200
SANDY SPRINGS, GA 30328
770-241-5930
JOHN.C.BROWARD@GMAIL.COM

24 HOUR EMERGENCY CONTACT
Mr. John Coalough
770-241-5930

SITE AREA:
0.7 ACRES

NO.	DATE	DESCRIPTION
1	02/27/2018	REVISED BUILDING FOOTPRINT
2		
3		
4		
5		
6		

4317 Park Drive, Suite 400
Norcross, Georgia 30093
Phone: (770)416-7511
Fax: (770)416-6759
www.travispruitt.com
Contact Person: David Blumenthal
travis@travispruitt.com

Travis Pruitt & Associates, Inc.
SURVEYOR • LANDSCAPE ARCHITECT

924 NORTHSIDE DRIVE STORAGE

EXISTING CONDITIONS

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

RELEASED FOR CONSTRUCTION

DATE: 08/17/2017
SCALE: 1"=20'
CN: 170067PN6
LSV: EXISTING
JN: 17-0067
FN: 162-D-041
Sheet No. C2.1

THERE ARE NO STATE WATERS WITHIN 200 FEET OF THE SITE.

THERE ARE NO WETLANDS ON THE SITE.

FLOOD HAZARD NOTE
This property does not lie within a 100 year flood hazard zone as defined by the F.E.M.A. Flood Insurance Rate Map of FULTON COUNTY Community Panel Number 13121C0243F dated SEPTEMBER 18, 2013.

Information regarding the reported presence, size, character and location of existing underground utilities and structures is shown hereon. There is no certainty of the accuracy of this information and it shall be considered in that light by those using this drawing. The location and arrangement of underground utilities and structures shown hereon may be inaccurate and utilities and structures not shown may be encountered. The engineer, his employees, his consultants and his contractors shall hereby distinctly understand that the engineer is not responsible for the correctness or sufficiency of this information.

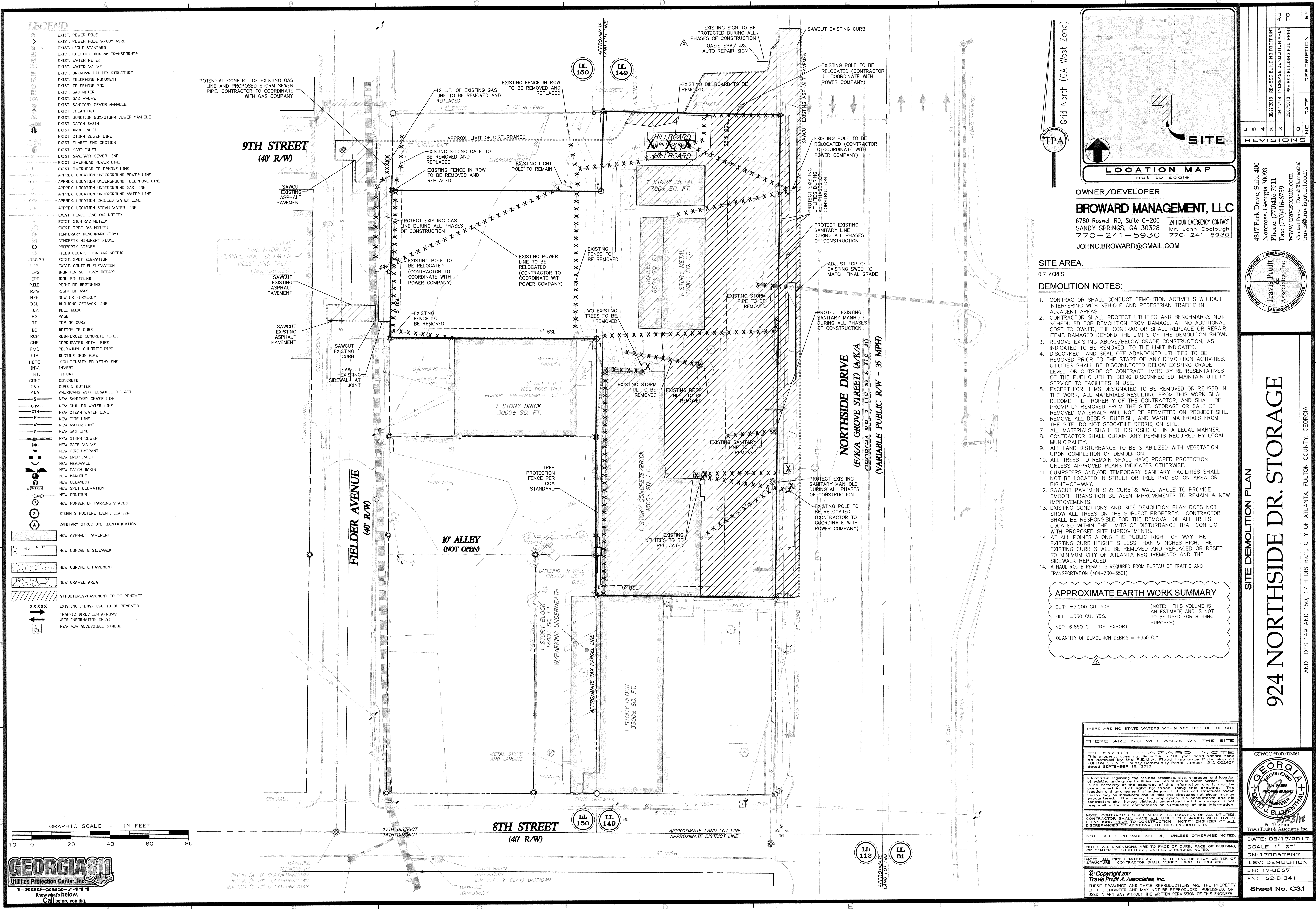
NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES FLAGGED WITH INVERT ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.

NOTE: ALL CURB RADII ARE .5', UNLESS OTHERWISE NOTED.

NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.

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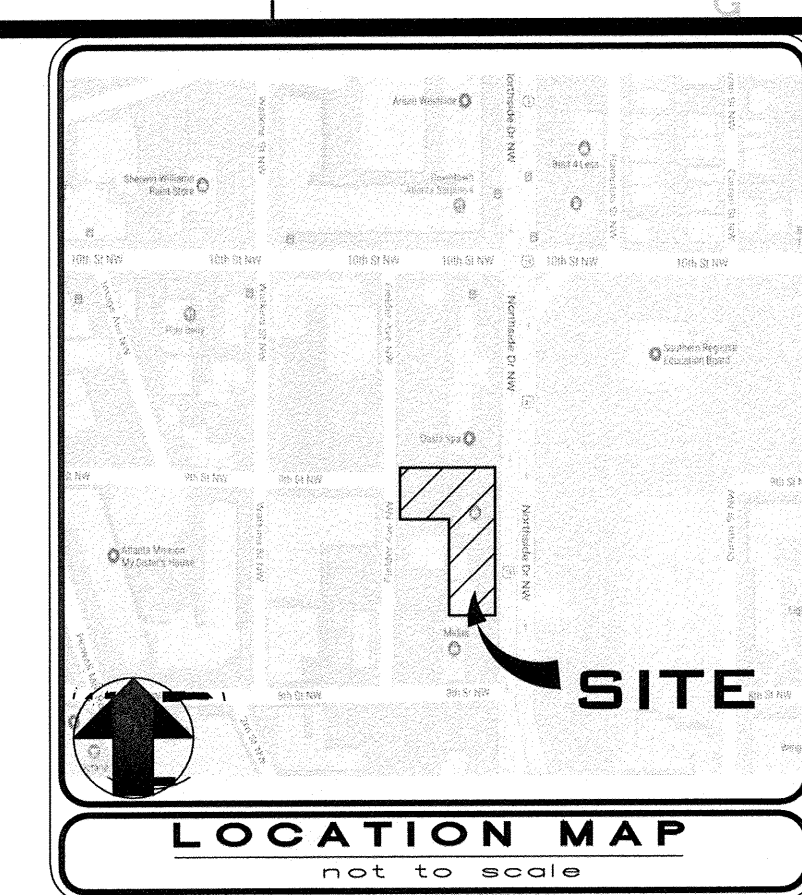
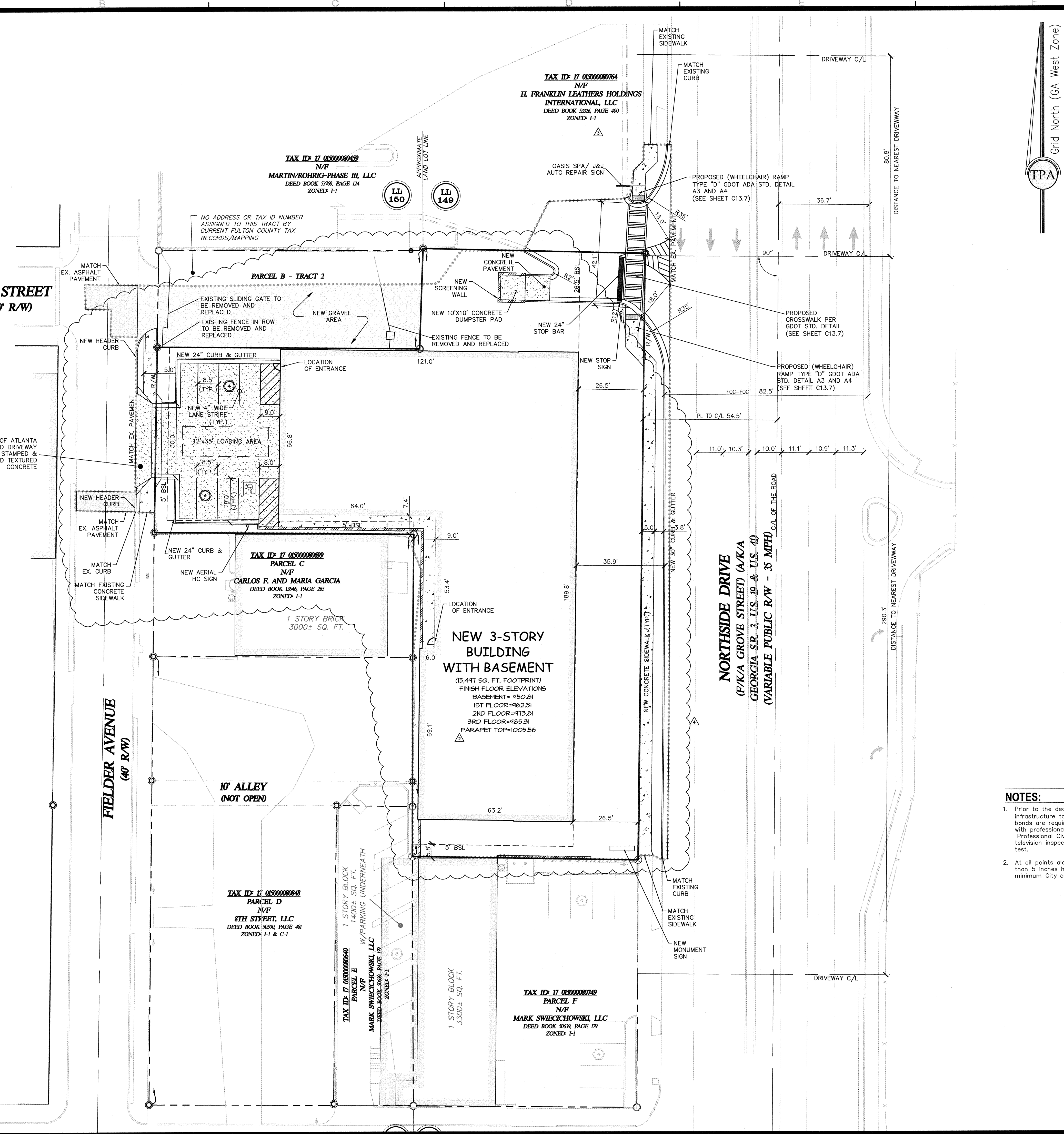
LEGEND

EXIST. POWER POLE
EXIST. POWER POLE W/GUY WIRE
EXIST. LIGHT STANDARD
EXIST. ELECTRIC BOX OR TRANSFORMER
EXIST. WATER METER
EXIST. WATER VALVE
EXIST. UNKNOWN UTILITY STRUCTURE
EXIST. TELEPHONE MONUMENT
EXIST. TELEPHONE BOX
EXIST. GAS METER
EXIST. GAS VALVE
EXIST. SANITARY SEWER MANHOLE
EXIST. CLEAN OUT
EXIST. JUNCTION BOX/STORM SEWER MANHOLE
EXIST. CATCH BASIN
EXIST. DROP INLET
EXIST. STORM SEWER LINE
EXIST. FLARED END SECTION
EXIST. YARD INLET
EXIST. SANITARY SEWER LINE
EXIST. OVERHEAD POWER LINE
EXIST. OVERHEAD TELEPHONE LINE
APPROX. LOCATION UNDERGROUND POWER LINE
APPROX. LOCATION UNDERGROUND TELEPHONE LINE
APPROX. LOCATION UNDERGROUND GAS LINE
APPROX. LOCATION UNDERGROUND WATER LINE
APPROX. LOCATION CHILLED WATER LINE
APPROX. LOCATION STEAM WATER LINE
EXIST. SPOT ELEVATION (AS NOTED)
EXIST. SIGN (AS NOTED)
EXIST. TREE (AS NOTED)
TEMPORARY BENCHMARK (TBM)
CONCRETE MONUMENT FOUND
PROPERTY CORNER
FIELD LOCATED PIN (AS NOTED)
EXIST. SPOT ELEVATION
EXIST. CONTIGUOUS ELEVATION
IRON PIN SET (1/2" REBAR)
IRON PIN FOUND
POINT OF BEGINNING
RIGHT-OF-WAY
NEW OR FORMERLY
BUILDING SETBACK LINE
DEED BOOK
PAGE
TOP OF CURB
BOTTOM OF CURB
REINFORCED CONCRETE PIPE
CORRUGATED METAL PIPE
POLYVINYL CHLORIDE PIPE
DUCTILE IRON PIPE
HIGH DENSITY POLYETHYLENE
INVERT
THROAT
CONCRETE
CURB & GUTTER
AMERICANS WITH DISABILITIES ACT
NEW SANITARY SEWER LINE
NEW CHILLED WATER LINE
NEW STEAM WATER LINE
NEW FIRE LINE
NEW WATER LINE
NEW GAS LINE
NEW STORM SEWER
NEW GATE VALVE
NEW FIRE HYDRANT
NEW DROP INLET
NEW HEADWALL
NEW CATCH BASIN
NEW MANHOLE
NEW CLEANOUT
NEW SPOT ELEVATION
NEW CONTIGUOUS
NEW NUMBER OF PARKING SPACES
STORM STRUCTURE IDENTIFICATION
SANITARY STRUCTURE IDENTIFICATION
NEW ASPHALT PAVEMENT
NEW CONCRETE SIDEWALK
NEW CONCRETE PAVEMENT
NEW GRAVEL AREA
STRUCTURES/PAVEMENT TO BE REMOVED
EXISTING ITEMS/ C&G TO BE REMOVED
TRAFFIC DIRECTION ARROWS
(FOR INFORMATION ONLY)
NEW ADA ACCESSIBLE SYMBOL

GRAPHIC SCALE - IN FEET

10 0 20 40 60 80

GEORGIA811
Utilities Protection Center, Inc.
1-800-282-7411
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Call before you dig.



OWNER/DEVELOPER
BROWARD MANAGEMENT, LLC
6780 Roswell Rd, Suite C-200
SANDY SPRINGS, GA 30328
24 HOUR EMERGENCY CONTACT
Mr. John Coclogh
770-241-5930

JOHNC.BROWARD@GMAIL.COM
TAX PARCEL ID:
CITY OF ATLANTA:
17 01500008057, 17 01500008075, 17 01500008077, 17 01500008078, 17 01500008073
FULTON COUNTY:
17 01500008057, 17 01500008075, 17 01500008077, 17 01500008078, 17 01500008073

SITE AREA:
0.7 ACRES

DISTURBED AREA:
± 0.9 ACRES

SITE ZONING: I-1

BUILDING SETBACK LINES:
FRONT YARD ALONG NORTHSIDE DRIVE : 26.5 FEET (PER VARIANCE V-17-198)
FRONT YARD ALONG FIELDER AVENUE : 5 FEET (PER VARIANCE V-17-198)
NORTH SIDE YARD : 0' FEET (PER VARIANCE V-17-198)
SOUTH SIDE YARD : 5 FEET

BUILDING SUMMARY:
3-STORY PLUS BASEMENT
BUILDING 61,988 SQUARE FEET
BUILDING HEIGHT: 48.3'

PARKING SUMMARY:

	REQUIRED*	PROVIDED
REGULAR PARKING:	7	7
ADA ACCESSIBLE PARKING:	1	1
TOTAL PARKING SPACES:	8	8

*ONE SPACE PER 50 INDIVIDUAL UNITS/COMPARTMENTS PLUS ONE SPACE FOR EACH EMPLOYEE ON THE PEAK WORKING SHIFT.

FAR: 2.0 (MAX 2.0)

- NOTES:**
- Prior to the dedication and acceptance of sanitary sewer, storm sewer or street infrastructure to the City of Atlanta, "as built" drawings and 3-year maintenance bonds are required. The street construction shall demonstrate adequate compaction with professional testing and reports prepared by a Georgia registered Professional Civil Engineer. The sanitary sewer installation shall include an internal television inspection, a successful mandrel pull and successful leak-down pressure test.
 - At all points along the public right-of-way where the existing curb height is less than 5 inches high, the existing curb shall be removed and replaced or reset to minimum City of Atlanta requirements and the sidewalk replaced.

THERE ARE NO STATE WATERS WITHIN 200 FEET OF THE SITE.

THERE ARE NO WETLANDS ON THE SITE.

FLOOD HAZARD NOTE
This property does not lie within a 100 year flood hazard zone as defined by the F.E.M.A. Flood Insurance Rate Map of FULTON COUNTY County Community Panel Number 13121C0243F dated SEPTEMBER 18, 2013.

Information regarding the reported presence, size, character and location of existing underground utilities and structures is shown herein. There is no certainty of the accuracy of this information and it shall be considered in that light by those using this drawing. The location and arrangement of underground utilities and structures shown herein may be inaccurate and utilities and structures not shown may be encountered. The owner, his employees, his consultants and his contractors shall hereby distinctly understand that the surveyor is not responsible for the correctness or sufficiency of this information.

NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES PLACED WITH INVERT ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.

NOTE: ALL CURB RADII ARE .5' UNLESS OTHERWISE NOTED.

NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.

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DATE: 08/17/2017
SCALE: 1"=20'
CN: 170067PN7
LSV: SITE
JN: 17-0067
FN: 162-D-041
Sheet No. C41

REVISIONS

NO.	DATE	DESCRIPTION	BY
1	08/22/2018	REVISED BUILDING FOOTPRINT	TC
2	04/17/18	REVISED RIGHT-OF-WAY DRIVEWAY	AU
3	04/02/2018	ADDRESSED CITY COMMENTS	TC
4	01/18/2018	REVISED BUILDING FOOTPRINT	TC

OWNER/DEVELOPER
4317 Park Drive, Suite 400
Norcross, Georgia 30093
Phone: (770) 416-7511
Fax: (770) 416-6759
www.travispruitt.com
Travis Pruitt & Associates, Inc.
travis@travispruitt.com

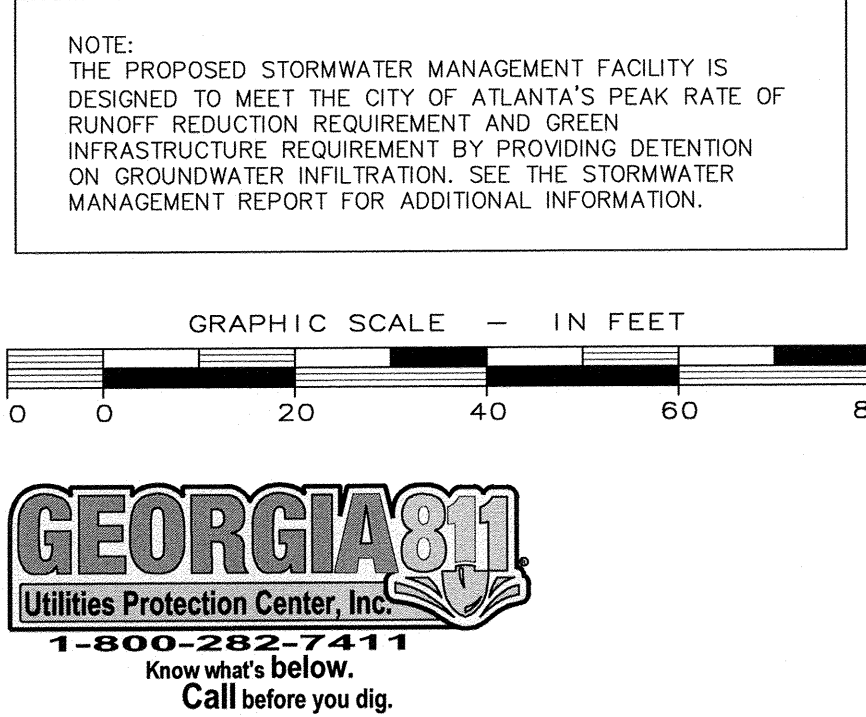
Travis Pruitt & Associates, Inc.
SURVEYOR • LANDSCAPE ARCHITECT
REGISTERED PROFESSIONAL
No. 20688
Professional Seal
08/23/17
For The Firm
Travis Pruitt & Associates, Inc.

924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

SITE PLAN

RELEASED FOR CONSTRUCTION



317 Park Drive, Suite 400
 Dorcross, Georgia 30093
 Phone: (770)416-7511
 Fax: (770)416-6759
www.travispruitt.com
 Personnel: David Blumenthal
avis@travispruitt.com

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

RELEASED FOR CONSTRUCTION

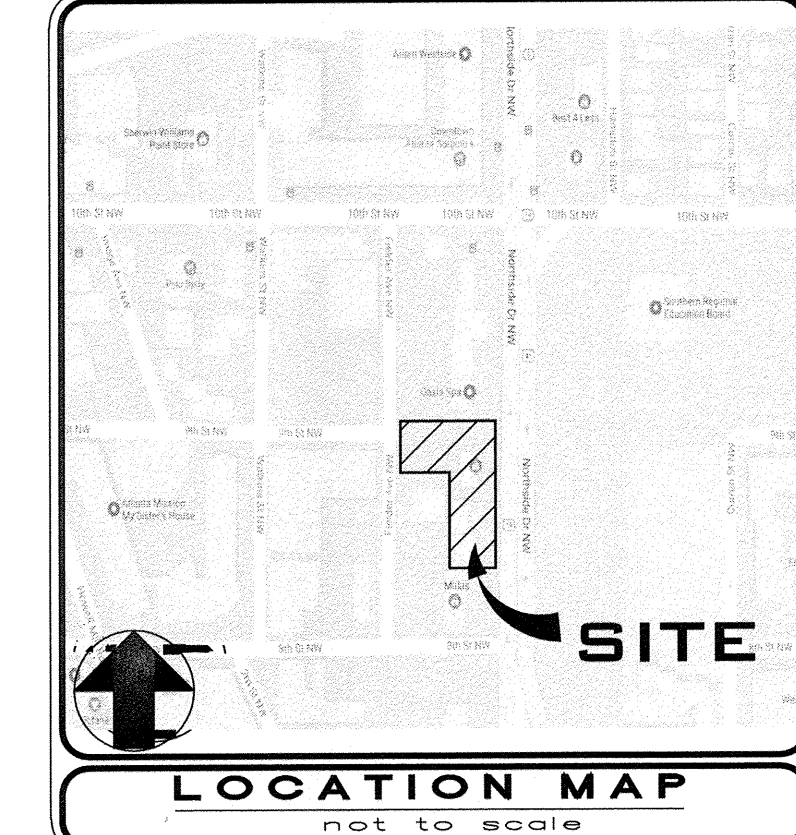
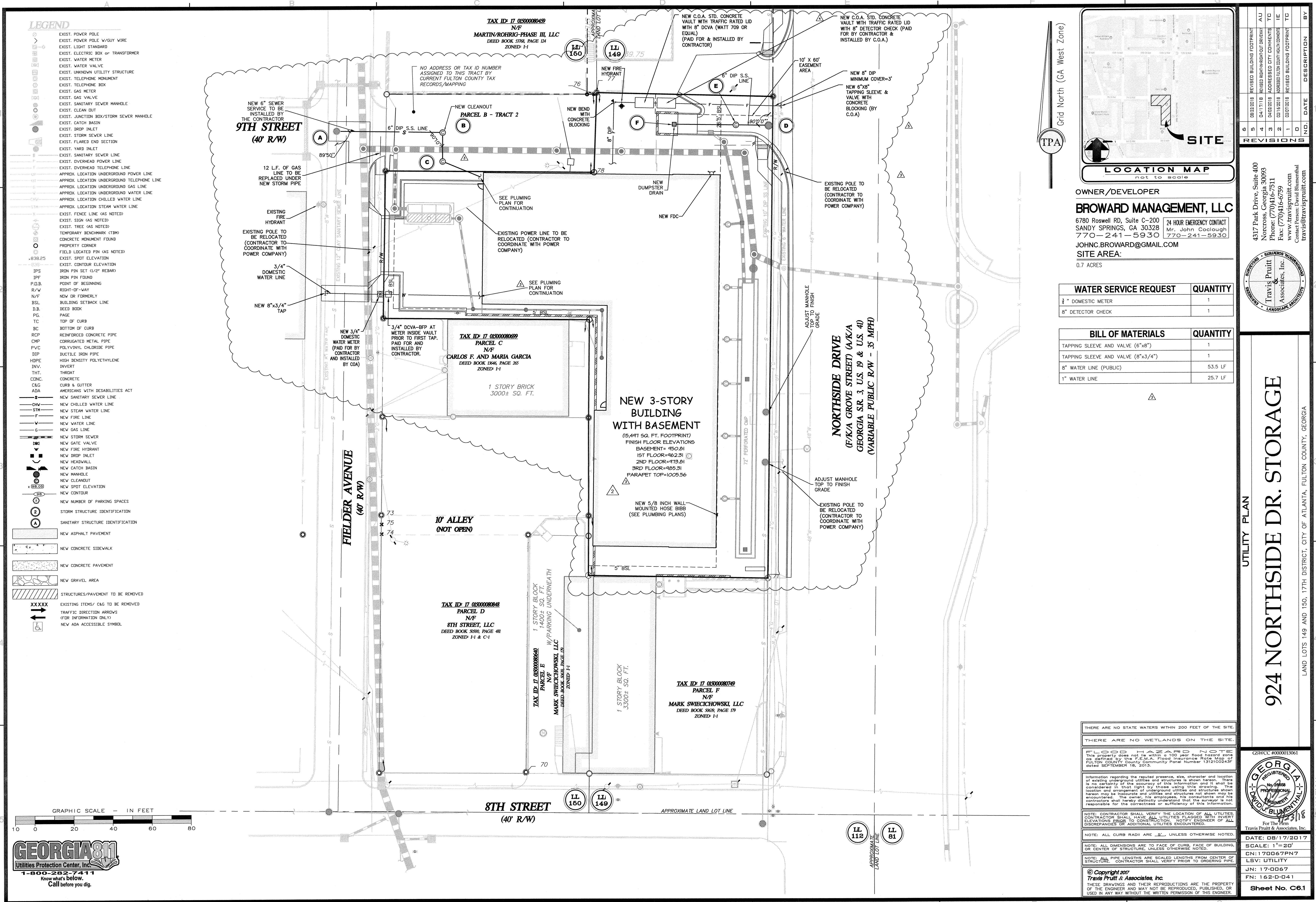
GSWC #0000013061

GEORGIA
REGISTERED
No. 26958
PROFESSIONAL
ENGINEER
DAVID J. BLUMENTHAL
1/23/15

For The Firm
Travis Pruitt & Associates, Inc.

DATE: 08/17/2017
SCALE: 1"=20'
GN: 170067PN7
LSV: GRADING
JN: 17-0067
FN: 162-D-041

Sheet No. C51



OWNER/DEVELOPER
BROWARD MANAGEMENT, LLC
6780 Roswell Rd, Suite C-200
SANDY SPRINGS, GA 30328
770-241-5930
24 HOUR EMERGENCY CONTACT
Mr. John Coughlin
770-241-5930
JOHN.C.BROWARD@GMAIL.COM
SITE AREA:
0.7 ACRES

WATER SERVICE REQUEST	QUANTITY
3/4" DOMESTIC METER	1
8" DETECTOR CHECK	1

BILL OF MATERIALS	QUANTITY
TAPPING SLEEVE AND VALVE (6"x8")	1
TAPPING SLEEVE AND VALVE (8"x3/4")	1
8" WATER LINE (PUBLIC)	53.5 LF
1" WATER LINE	25.7 LF

THERE ARE NO STATE WATERS WITHIN 200 FEET OF THE SITE.

THERE ARE NO WETLANDS ON THE SITE.

FLOOD HAZARD NOTE
This property does not lie within a 100 year flood hazard zone as defined by the F.E.M.A. Flood Insurance Rate Map of FULTON COUNTY Community Panel Number 13121C0243F dated SEPTEMBER 18, 2013.

Information regarding the presence, size, character and location of existing underground utilities and structures is shown herein. There is no certainty of the accuracy of this information and it shall be considered in that light by those using this drawing. The location and arrangement of underground utilities and structures shown herein may be inaccurate and utilities and structures not shown may be encountered. The owner, his employees, his consultants and his contractors shall hereby distinctly understand that the surveyor is not responsible for the correctness or sufficiency of this information.

NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES FLAGGED WITH INVERT ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.

NOTE: ALL CURB RADII ARE 8' UNLESS OTHERWISE NOTED.

NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.

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REVISIONS

NO.	DATE	DESCRIPTION
1	03/27/2018	REVISED BUILDING FOOTPRINT
2	04/17/18	REVISED RIGHT-OF-WAY DRIVEWAY
3	04/20/2018	ADDED CITY COMMENTS
4	02/15/2018	ADDED SECTION CROWN MANHOLE
5	03/27/2018	REVISED BUILDING FOOTPRINT

UTILITY PLAN

924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

GSWCC #0000013061

For The Firm
Travis Pruitt & Associates, Inc.

DATE: 08/17/2017
SCALE: 1"=20'
CN: 170067PN7
LSV: UTILITY
JN: 17-0067
FN: 162-D-041
Sheet No. C61

RELEASED FOR CONSTRUCTION

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 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. S42-F SEDIMENT TRAPS TO BE INSTALLED AT ALL DROP INLETS AND REPLACED WITH SD2-P SEDIMENT TRAPS AFTER GRATES AND CURB AND GUTTER HAVE BEEN INSTALLED.

4. ALL SD2-F TO REMAIN ON ALL JUNCTION BOXES UNTIL TOPS HAVE BEEN INSTALLED.

5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION CONTROL MEASURES AND CLEANING OUT ALL STORM STRUCTURES AND PIPES ONCE SITE HAS BEEN PERMANENTLY STABILIZED.

6. ANY DISTURBED AREA LEFT IDE FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING. DISTURBED AREAS LEFT FOR MORE THAN 90 DAYS SHALL BE STABILIZED WITH PERMANENT VEGETATION.

7. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT LEAST WEEKLY, AFTER EACH RAIN, AND REPAIRED AS NECESSARY.

8. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED NECESSARY BY ON-SITE INSPECTION.

9. SILT FENCE SHALL MEET THE REQUIREMENTS OF SECTION 171-TYPE C TEMPORARY SILT FENCE, OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, LATEST EDITION.

10. SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/2 FULL VOLUME.

11. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.

12. ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE.

13. CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 2:5:1 WITH A HEIGHT OF TEN OR GREATER SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.

14. UPON NOTIFICATION AND AUTHORIZATION OF THE OWNER, THE DESIGN PROFESSIONAL WHO PREPARED THE EROSION PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WHICH THE DESIGN PROFESSIONAL DESIGNED WITHIN SEVEN (7) DAYS AFTER INSTALLATION. THE DESIGN PROFESSIONAL SHALL DETERMINE IF THESE BMP'S HAVE BEEN INSTALLED AND ARE BEING MAINTAINED AS DESIGNATED. THE DESIGN PROFESSIONAL SHALL REPORT THE RESULTS OF THE INSPECTION TO THE PRIMARY PERMITTEE WITHIN SEVEN (7) DAYS AND THE PERMITTEE MUST CORRECT ALL DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF RECEIPT OF THE INSPECTION REPORT FROM THE DESIGN PROFESSIONAL UNLESS WEATHER RELATED SITE CONDITIONS ARE SUCH THAT ADDITIONAL TIME IS REQUIRED.

NOTES:

- No graded slope shall exceed 2H:1V.
- Prior to the land disturbing activities, the contractor shall schedule a pre-construction meeting with the area Erosion Control Inspector. Call (404) 546-1305 to contact the inspector.
- 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.
- 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 idle for a period greater than 14 days shall be stabilized with mulch and temporary seeding.
- Any disturbed areas remaining idle for 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 erosion and sediment control measures shall be installed if determined necessary by on-site inspection.
- Silt fence shall meet the requirements of Section 171-TYPE C temporary silt fence, of the Georgia Department of Transportation Standard Specifications, 1993 edition, and be wire reinforced.
- The property owner and contractor are equally responsible for all erosion control activities.
- It is the responsibility of the contractor to obtain qualified professional advice when questions arise concerning design and effectiveness of erosion control devices, not the City of Atlanta.
- All temporary and permanent seeding must be performed at the appropriate season. In such instances where the establishment of vegetation is inoperative due to season or drought, disturbed areas shall be temporarily stabilized using 2"-4" of mulch (Ds1). Additional plantings will be necessary if a sufficient stand of grass fails to grow.
- The City's designee will verify adequate cover (100% cover, 70% density) of permanent stabilization (Ds3, Ds4).
- Silt fences shall not be placed in stream buffer or floodplains, unless utilized for the construction of an exempt activity (i.e. roadway drainage structures, sewer/water crossings, or drainage structures) per the approved plans. For such disturbances within the buffer, the area shall be immediately stabilized using erosion control matting and/or blankets once the activity is complete.
- Individual builder (within a common development) must file a Notice of Intent (NOI) with EPD for coverage under NPDES GAR 100003 as secondary permittee 14 days prior to land disturbance activity. NOI must be posted on site at all times.
- Sediment storage volume @ 67 cy/acre must be installed prior to any other land disturbance activity and in place until final stabilization occurs.
- For each site on which land disturbing activity occurs, each entity or person acting as either a primary, secondary, or tertiary permittee, as defined in the state general permit, shall have as a minimum one person who is in responsible charge of erosion and sedimentation control activities on behalf of said entity or person and meets the applicable (Level 1A) education or training certification requirements (O.C.G.A. 12-7-19(a)(2)).
- Subcontractors involved with land disturbance activities shall meet the education requirements (Level 1) described in O.C.G.A. 12-7-19.

SEDIMENT STORAGE PROVIDED:

BEHIND 165 L.F. OF SILT FENCE
1. STORAGE DEPTH = 0.5 FT.
2. GROUND SLOPE = ± 5%
3. STORAGE VOLUME = 0.5 L.F. X 10 L.F. X 165 L.F. / 2 = 412.5 C.F. = 15.3 C.Y.

TAX ID: 17 01500008049
N/F
MARTIN/ROHRIG-PHASE III, LLC
DEED BOOK 3768, PAGE 124
ZONED: I-1

TAX ID: 17 01500008074
N/F
H. FRANKLIN LEATHERS HOLDINGS
INTERNATIONAL, LLC
DEED BOOK 3336, PAGE 400
ZONED: I-1

SEDIMENT STORAGE PROVIDED:

BEHIND 290 L.F. OF SILT FENCE
1. STORAGE DEPTH = 0.3 FT.
2. GROUND SLOPE = ± 2%
3. STORAGE VOLUME = 0.3 L.F. X 15 L.F. X 290 L.F. / 2 = 652.5 C.F. = 24.2 C.Y.

TAX ID: 17 01500008099
N/F
CARLOS F. AND MARIA GARCIA
DEED BOOK 1846, PAGE 265
ZONED: I-1

TAX ID: 17 01500008049
N/F
MARK SWIECICHOWSKI, LLC
DEED BOOK 3020, PAGE 179
ZONED: I-1

TAX ID: 17 01500008048
N/F
8TH STREET, LLC
DEED BOOK 3090, PAGE 481
ZONED: I-1 & C-1

TAX ID: 17 01500008060
N/F
MARK SWIECICHOWSKI, LLC
DEED BOOK 3020, PAGE 179
ZONED: I-1

T.B.M.
FIRE HYDRANT
FLANGE BOLT BETWEEN
"VILLE" AND "ALA"
Elev. = 950.50'

WATER
QUALITY
SAMPLE
POINT NO.1

FELDER AVENUE
(40' R/W)

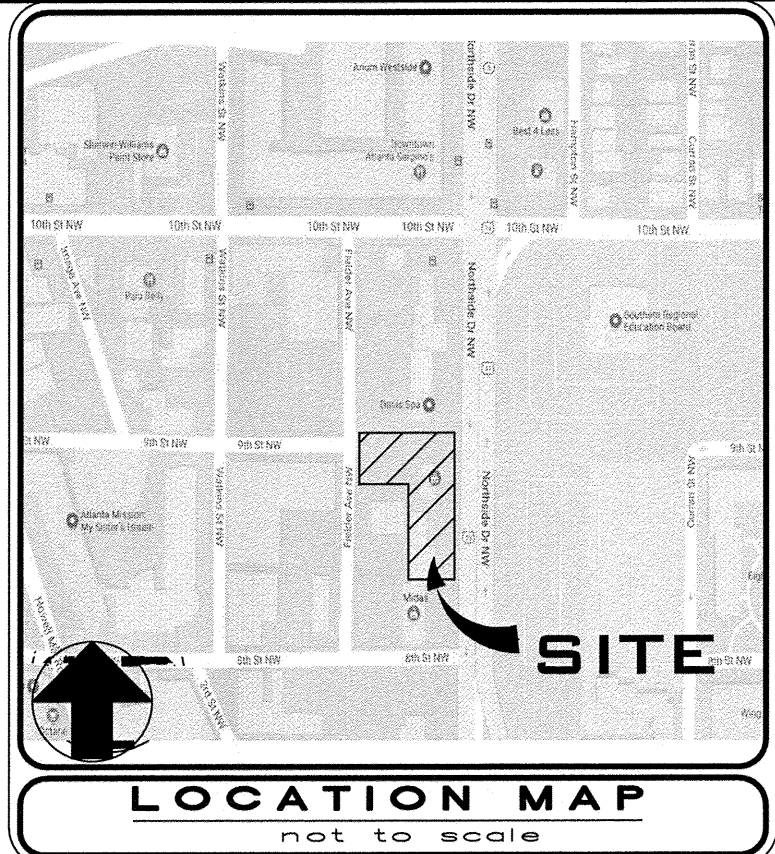
10' ALLEY
(NOT OPEN)

8TH STREET
(40' R/W)

NORTHSIDE DRIVE
(F/K/A GROVE STREET) (A/K/A
GEORGIA SR. 3, U.S. 19 & U.S. 4)
(VARIABLE PUBLIC R/W - 35 MPH)

EXCAVATED INLET SEDIMENT TRAP

- DRAINAGE AREA = 0.06 Ac.
- REQUIRED SEDIMENT STORAGE = 4.0 C.Y.
- ASSUME DEPTH = 3.0 FT.
- ASSUME SIDE SLOPES = 2:1
- REQUIRED SURFACE AREA = 36.0 Sq.Ft.
- SHAPE = RECTANGULAR
DIMENSIONS = 6'1" / 6'W (AT 1.5 FT DEPTH)
PROVIDED SEDIMENT STORAGE = 4.0 C.Y.



OWNER/DEVELOPER

BROWARD MANAGEMENT, LLC

6780 Roswell RD, Suite C-200
SANDY SPRINGS, GA 30328
770-241-5930
JOHNC.BROWARD@GMAIL.COM

SITE AREA:

0.7 ACRES

DISTURBED AREA:

± 0.9 ACRES

SEDIMENT STORAGE SUMMARY

DISTURBED AREA = 0.9 ACRES
REQUIRED SEDIMENT STORAGE = 67 CY/AC
0.9 AC X 67 CY/AC = 60.3 CY
PROVIDED SEDIMENT STORAGE = 62.0 CY

EROSION CONTROL LEGEND

GSWCC CODE	SYMBOL	DESCRIPTION
Ds1	N/A	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Ds2	N/A	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
Ds3	N/A	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)
Ds4	N/A	DISTURBED AREA STABILIZATION (WITH SOILING)
Ms	N/A	EROSION CONTROL MATTING AND BLANKETS
Du	N/A	DUST CONTROL ON DISTURBED AREAS

GSWCC CODE	SYMBOL	DESCRIPTION
S42-F	N/A	TEMPORARY SEDIMENT TRAP ROCK OUTLET
Co	N/A	CONSTRUCTION EOD
Di	N/A	DIVERSION
Rw	N/A	RETAINING WALL
Co-F	N/A	COMPOST FILTER SOCK
S42-F	N/A	TYPE "NS" SILT FENCE
S42-F	N/A	INLET SEDIMENT TRAP WITH SUPPORTING FRAME
S42-F	N/A	CURB INLET PROTECTION
N/A	N/A	TREE SAVE FENCE
N/A	N/A	LIMITS OF CONSTRUCTION

Soil Classification Legend

Symbol	Soil Name
Ub	URBAN LAND

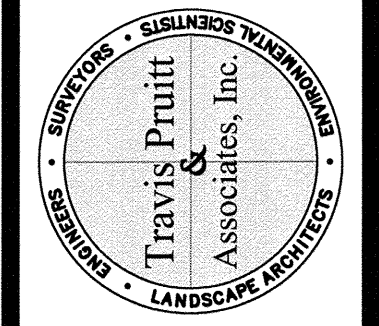
NOTE:
THE RECEIVING WATERS
CONSIST OF an Unnamed
Tributary to Peachtree Creek
LOCATED APPROXIMATELY
8,000 FEET Northeast OF THE
SITE.

PREPARED BY: David J Blumenthal
GSWCC Level II Certification No.0000013061
Expiration date: 06/29/2018

THERE ARE NO STATE WATERS WITHIN 200 FEET OF THE SITE.
THERE ARE NO WETLANDS ON THE SITE.
FLOOD HAZARD NOTE This property does not lie within a 100 year flood hazard zone as defined by the F.E.M.A. Flood Insurance Rate Map of Fulton County. County Community Panel Number 131210243F dated SEPTEMBER 16, 2013.
Information regarding the reported presence, size, character and location of existing underground utilities and structures is shown herein. There is no certainty of the accuracy of this information and it shall be considered in that light by those using this drawing. The location and arrangement of underground utilities and structures shown herein may be inaccurate and structures not shown may be encountered. The owner, his employees, his consultants and his subcontractors shall be responsible for the accuracy of this information.
NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES FLAGGED WITH INVERT ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.
NOTE: ALL CURB RADI ARE "L", UNLESS OTHERWISE NOTED.
NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.
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NO.	DATE	DESCRIPTION	BY
1	02/07/2018	REVISED BUILDING FOOTPRINT	TC
2			
3			
4			
5			

4317 Park Drive, Suite 400
Norcross, Georgia 30093
Phone: (770)416-7511
Fax: (770)416-6759
www.travispruitt.com
Contact Person: David Blumenthal
travis@travispruitt.com

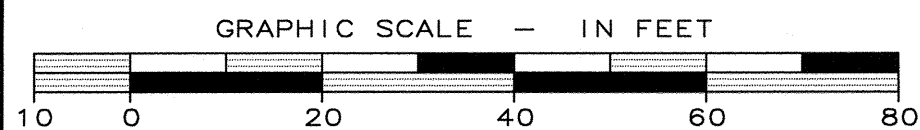


EROSION CONTROL PLAN-INITIAL PHASE

924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

RELEASED FOR CONSTRUCTION



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 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. S42-F SEDIMENT TRAPS TO BE INSTALLED AT ALL DROP INLETS AND REPLACED WITH SD2-F SEDIMENT TRAPS AFTER GRATES AND CURB AND GUTTER HAVE BEEN INSTALLED.
4. ALL SD2-F TO REMAIN ON ALL JUNCTION BOXES UNTIL TOPS HAVE BEEN INSTALLED.
5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION CONTROL MEASURES AND CLEANING OUT ALL STORM STRUCTURES AND PIPES ONCE SITE HAS BEEN PERMANENTLY STABILIZED.
6. ANY DISTURBED AREA LEFT IDLE FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING. DISTURBED AREAS IDLE FOR MORE THAN 90 DAYS SHALL BE STABILIZED WITH PERMANENT VEGETATION.
7. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT LEAST WEEKLY AFTER EACH RAIN, AND REPAIRED AS NECESSARY.
8. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED NECESSARY BY ON-SITE INSPECTION.
9. SILT FENCE SHALL MEET THE REQUIREMENTS OF SECTION 171-TYPE C TEMPORARY SILT FENCE OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, LATEST EDITION.
10. SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE $\frac{1}{2}$ FULL VOLUME.
11. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.
12. ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE.
13. CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 2:1 WITH A HEIGHT OF TEN (10) FEET OR GREATER SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.
14. UPON NOTIFICATION AND AUTHORIZATION OF THE OWNER, THE DESIGN PROFESSIONAL WHO PREPARED THE EROSION CONTROL PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WHICH THE DESIGN PROFESSIONAL DESIGNED WITHIN SEVEN (7) DAYS AFTER INSTALLATION. THE DESIGN PROFESSIONAL SHALL DETERMINE IF THESE BMPs HAVE BEEN INSTALLED AND MAINTAINED AS DESIGNATED. THE DESIGN PROFESSIONAL SHALL REPORT THE RESULTS OF THE INSPECTION TO THE PRIMARY PERMITTEE WITHIN SEVEN (7) DAYS AND THE PERMITTEE MUST CORRECT ALL DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF RECEIPT OF THE INSPECTION REPORT FROM THE DESIGN PROFESSIONAL UNLESS WEATHER RELATED SITE CONDITIONS ARE SUCH THAT ADDITIONAL TIME IS REQUIRED.

NOTES:

1. No graded slope shall exceed 2H:1V.
2. Prior to the land disturbing activities, the contractor shall schedule a pre-construction meeting with the area Erosion Control Inspector. Call (404) 546-1305 to contact the inspector.
3. 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. 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.
4. Any disturbed area left idle for a period greater than 14 days shall be stabilized with mulch and temporary seeding.
5. Any disturbed areas remaining idle for 30 days shall be stabilized with permanent vegetation.
6. Erosion and sediment control measures shall be inspected at least weekly, after each rain, and repaired as necessary.
7. Additional erosion and sediment control measures shall be installed if determined necessary by on-site inspection.
8. Silt fence shall meet the requirements of Section 171- Type C temporary silt fence, of the Georgia Department of Transportation Standard Specifications, 1993 edition, and be wire reinforced.
9. The property owner and contractor are equally responsible for all erosion control activities.
10. It is the responsibility of the contractor to obtain qualified professional advice when questions arise concerning design and effectiveness of erosion control devices, not the City of Atlanta.
11. All temporary and permanent seeding must be performed at the appropriate season. In such instances where the establishment of vegetation is inopportune due to season or drought, disturbed areas shall be temporarily stabilized using 2"-4" of mulch (Ds1). Additional plantings will be necessary if a sufficient stand of grass fails to grow.
12. The City's designee will verify adequate cover (100% cover, 70% density) of permanent stabilization (Ds3, Ds4).
13. Silt fences shall not be placed in stream buffer or floodplains, unless utilized for the construction of an exempt activity (i.e. roadway drainage structures, sewer/water crossings, or drainage structures) per the approved plans. For such disturbances within the buffer, the area shall be immediately stabilized using erosion control matting and/or blankets once the activity is complete.
14. Individual builder (within a common development) must file a Notice of Intent (NOI) with EPD for coverage under NPDES GAR 100003 as secondary permittee 14 days prior to land disturbance activity. NOI must be posted on site at all times.
15. Sediment storage volume @ 67 cy/acre must be installed prior to any other land disturbance activity and in place until final stabilization occurs.
16. For each site on which land disturbing activity occurs, each entity or person acting as either a primary, secondary, or tertiary permittee, as defined in the state general permit, shall have as a minimum one person who is in responsible charge of erosion and sedimentation control activities on behalf of said entity or person and meets the applicable (Level 1A) education or training certification requirements (O.C.G.A. 12-7-19(a)(2)).
17. Subcontractors involved with land disturbance activities shall meet the education requirements (Level 1) described in O.C.G.A. 12-7-19.

NOTE:
THE RECEIVING WATERS
CONSIST OF an Unnamed
Tributary to Peachtree Creek
LOCATED APPROXIMATELY
8,000 FEET Northeast OF THE
SITE.

SEDIMENT STORAGE PROVIDED:

- BEHIND 245 L.F. OF SILT FENCE
1. STORAGE DEPTH=0.5 FT.
2. GROUND SLOPE= \pm 5%
3. STORAGE VOLUME=0.5 L.F.X10 L.F.
x 245 L.F./2=612.5 C.F.= 22.7 C.Y.

**9TH STREET
(40' R/W)**

**WATER
QUALITY
SAMPLE
POINT NO.1**

T.B.M.
FIRE HYDRANT
FLANGE BOLT BETWEEN
"VILE" AND "ALA"
Elev.=950.50'

EXCAVATED INLET SEDIMENT TRAP

1. DRAINAGE AREA= 0.04 Ac.
2. REQUIRED SEDIMENT STORAGE=3.4 C.Y.
3. ASSUME DEPTH= 2.0 FT.
4. ASSUME SIDE SLOPES= 2:1
5. REQUIRED SURFACE AREA=36.4 Sq.Ft.
6. SHAPE= RECTANGULAR
DIMENSIONS= 8'L/ 6'W (AT 1.0 FT DEPTH)
PROVIDED SEDIMENT STORAGE:3.5 C.Y.

EXCAVATED INLET SEDIMENT TRAP

1. DRAINAGE AREA= 0.16 Ac.
2. REQUIRED SEDIMENT STORAGE=10.7 C.Y.
3. ASSUME DEPTH= 3.0 FT.
4. ASSUME SIDE SLOPES= 2:1
5. REQUIRED SURFACE AREA=96.5 Sq.Ft.
6. SHAPE= RECTANGULAR
DIMENSIONS= 14'L/ 7'W (AT 1.0 FT DEPTH)
PROVIDED SEDIMENT STORAGE:10.9 C.Y.

EXCAVATED INLET SEDIMENT TRAP

1. DRAINAGE AREA= 0.05 Ac.
2. REQUIRED SEDIMENT STORAGE=3.4 C.Y.
3. ASSUME DEPTH= 2.0 FT.
4. ASSUME SIDE SLOPES= 2:1
5. REQUIRED SURFACE AREA=36.4 Sq.Ft.
6. SHAPE= RECTANGULAR
DIMENSIONS= 8'L/ 6'W (AT 1.0 FT DEPTH)
PROVIDED SEDIMENT STORAGE:3.5 C.Y.

EXCAVATED INLET SEDIMENT TRAP

1. DRAINAGE AREA= 0.05 Ac.
2. REQUIRED SEDIMENT STORAGE=3.4 C.Y.
3. ASSUME DEPTH= 2.0 FT.
4. ASSUME SIDE SLOPES= 2:1
5. REQUIRED SURFACE AREA=45.2 Sq.Ft.
6. SHAPE= RECTANGULAR
DIMENSIONS= 8'L/ 6'W (AT 1.0 FT DEPTH)
PROVIDED SEDIMENT STORAGE:3.5 C.Y.

EXCAVATED INLET SEDIMENT TRAP

1. DRAINAGE AREA= 0.04 Ac.
2. REQUIRED SEDIMENT STORAGE=2.7 C.Y.
3. ASSUME DEPTH= 2.0 FT.
4. ASSUME SIDE SLOPES= 2:1
5. REQUIRED SURFACE AREA=36.4 Sq.Ft.
6. SHAPE= RECTANGULAR
DIMENSIONS= 8'L/ 6'W (AT 1.0 FT DEPTH)
PROVIDED SEDIMENT STORAGE:3.5 C.Y.

EXCAVATED INLET SEDIMENT TRAP

1. DRAINAGE AREA= 0.05 Ac.
2. REQUIRED SEDIMENT STORAGE=3.4 C.Y.
3. ASSUME DEPTH= 2.0 FT.
4. ASSUME SIDE SLOPES= 2:1
5. REQUIRED SURFACE AREA=36.4 Sq.Ft.
6. SHAPE= RECTANGULAR
DIMENSIONS= 8'L/ 6'W (AT 1.0 FT DEPTH)
PROVIDED SEDIMENT STORAGE:3.5 C.Y.

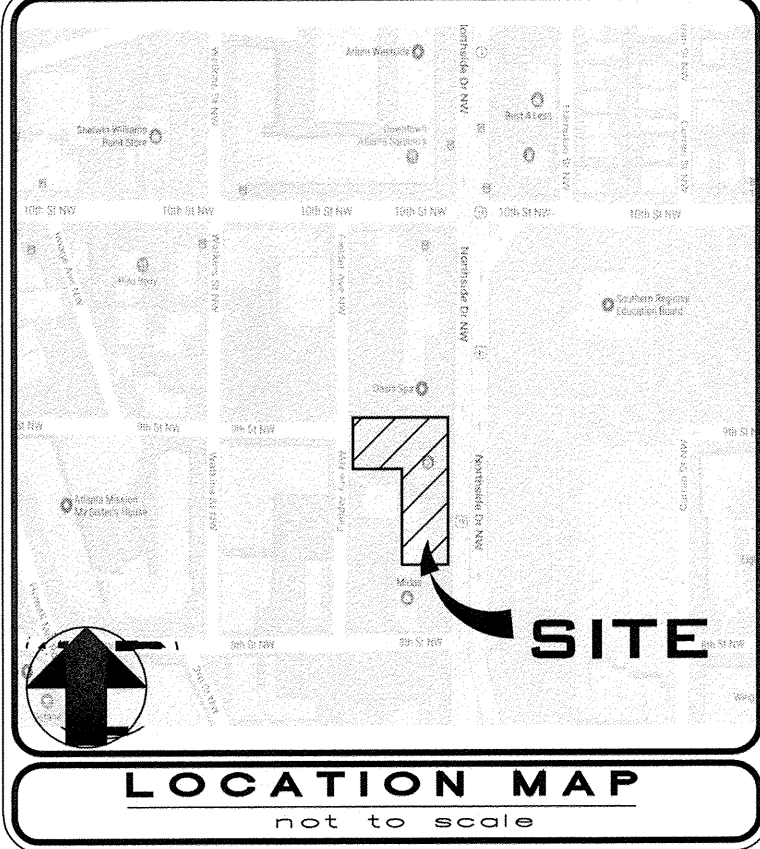
**NORTHSIDE DRIVE
(F/K/A GROVE STREET) (A/K/A
GEORGIA SR. 3, U.S. 19 & U.S. 40)
(VARIABLE PUBLIC R/W - 35 MPH)**

EXCAVATED INLET SEDIMENT TRAP

1. DRAINAGE AREA= 0.05 Ac.
2. REQUIRED SEDIMENT STORAGE=3.4 C.Y.
3. ASSUME DEPTH= 2.0 FT.
4. ASSUME SIDE SLOPES= 2:1
5. REQUIRED SURFACE AREA=36.4 Sq.Ft.
6. SHAPE= RECTANGULAR
DIMENSIONS= 8'L/ 6'W (AT 1.0 FT DEPTH)
PROVIDED SEDIMENT STORAGE:3.5 C.Y.

Grid North (GA West Zone)

TPA



OWNER/DEVELOPER

BROWARD MANAGEMENT, LLC

6780 Roswell RD, Suite C-200
SANDY SPRINGS, GA 30328
770-241-5930

JOHNC.BROWARD@GMAIL.COM

SITE AREA:

0.7 ACRES

DISTURBED AREA:

\pm 0.9 ACRES

EROSION CONTROL LEGEND

VEGETATIVE MEASURES		
GSWCC CODE	SYMBOL	DESCRIPTION
Ds1	N/A	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
Ds2	N/A	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)
Ds3	N/A	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)
Ds4	N/A	DISTURBED AREA STABILIZATION (WITH SEEDING)
Mb	N/A	EROSION CONTROL MATTING AND BLANKETS
Du	N/A	DUST CONTROL ON DISTURBED AREAS

STRUCTURAL PRACTICES

GSWCC CODE	SYMBOL	DESCRIPTION
S42-F	N/A	TEMPORARY SEDIMENT TRAP ROCK OUTLET
S42-F	N/A	CONSTRUCTION EXIT
S42-F	N/A	DIVERSION
S42-F	N/A	RETAINING WALL
S42-F	N/A	COMPOST FILTER SOCK
S42-F	N/A	TYPE "N6" SILT FENCE
S42-F	N/A	INLET SEDIMENT TRAP WITH SUPPORTING FRAME
S42-F	N/A	CURB INLET PROTECTION
S42-F	N/A	TREE SAVE FENCE
N/A	N/A	LIMITS OF CONSTRUCTION

NOTE:

DURING INTERMEDIATE PHASE GAB TO BE INSTALLED FOR STABILIZATION OF DISTURBED AREA. UPON STABILIZATION, SEDIMENT STORAGE BMPs CAN BE REMOVED AS NEEDED TO ALLOW BUILDING CONSTRUCTION. CONTRACTOR TO COORDINATE WITH ENGINEER AND SITE INSPECTOR FOR SCHEDULE AND PHASING OF CONSTRUCTION.

SEDIMENT STORAGE SUMMARY

DISTURBED AREA= 0.9 ACRES
REQUIRED SEDIMENT STORAGE=67 CY/AC
0.9 AC x 67 CY/AC= 60.3 CY
PROVIDED SEDIMENT STORAGE = 69.6 CY

Soil Classification Legend

Symbol	Soil Name
Ub	Urban Land

PREPARED BY: David J. Blumenthal
GSWCC Level II Certification No.0000013061
Expiration date: 06/29/2021

THERE ARE NO STATE WATERS WITHIN 200 FEET OF THE SITE.

THERE ARE NO WETLANDS ON THE SITE.

FLOOD HAZARD NOTE
This property does not lie within a 100 year flood hazard zone as defined by the F.E.M.A. Flood Insurance Rate Map of FULTON COUNTY County Community Panel Number 13121C0543F dated SEPTEMBER 18, 2013.

Information regarding the reported presence, size, character and location of existing underground utilities and structures is shown herein. There is no certainty of the accuracy of this information and it shall be considered in that light by those using this drawing. The location and arrangement of underground utilities and structures shown herein may be inaccurate and utilities and structures not shown may be encountered. The owner, his employees, his consultants and his contractors shall hereby disavow any liability that the surveyor is not responsible for the correctness or sufficiency of this information.

NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES FLAGGED WITH INVERT ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.

NOTE: ALL CURB RADII ARE "S", UNLESS OTHERWISE NOTED.

NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.

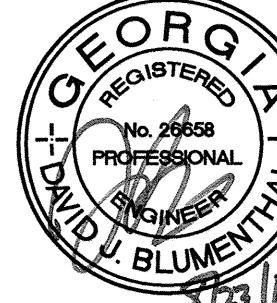
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EROSION CONTROL PLAN - INTERMEDIATE PHASE

924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

GSWCC #0000013061



For The Project
Travis Pruitt & Associates, Inc.

DATE: 08/17/2017

SCALE: 1"=20'

CN: 170067PN7

LSV: EROSION-GRD

JN: 17-0067

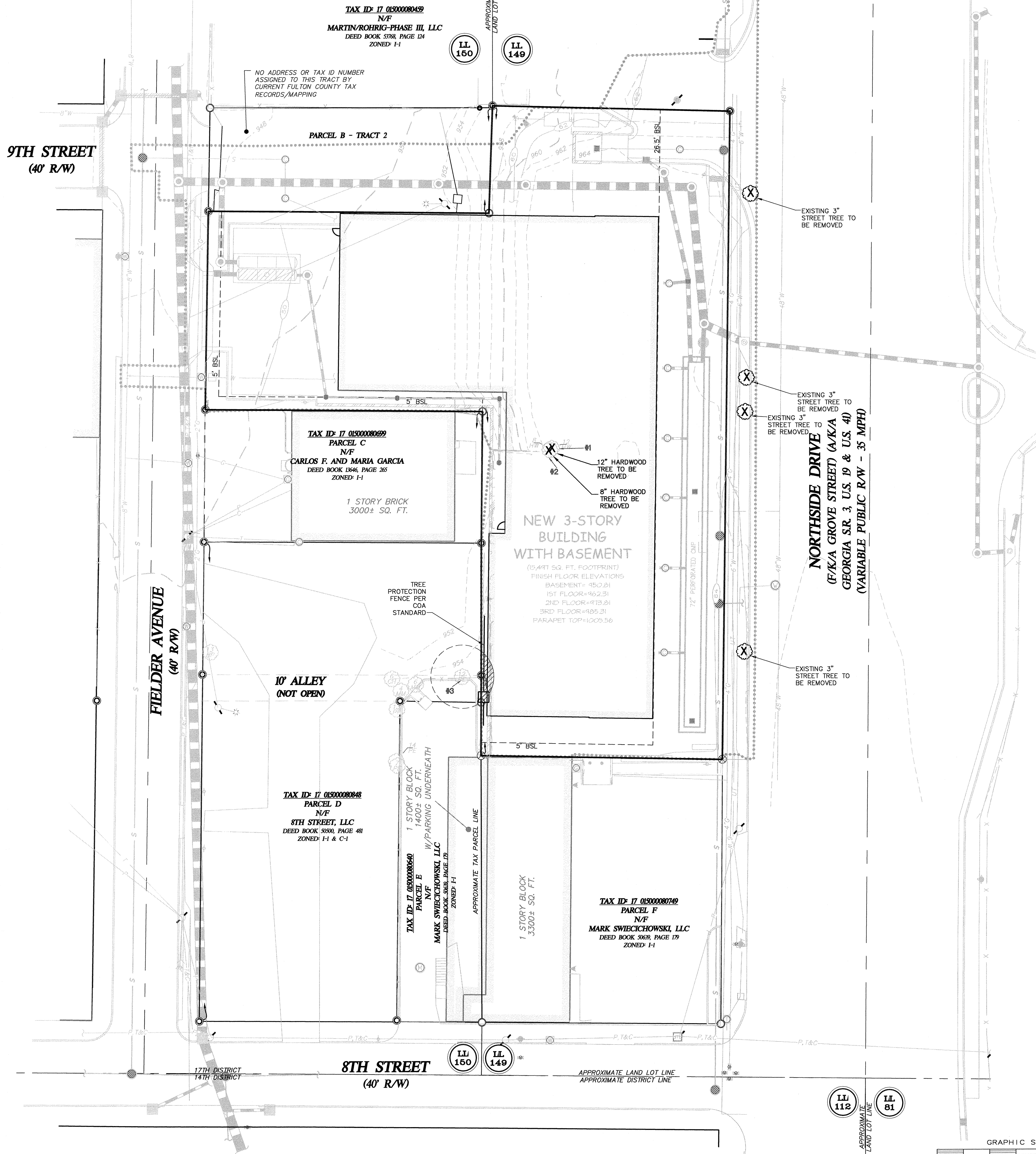
FN: 162-D-041

Sheet No. C81

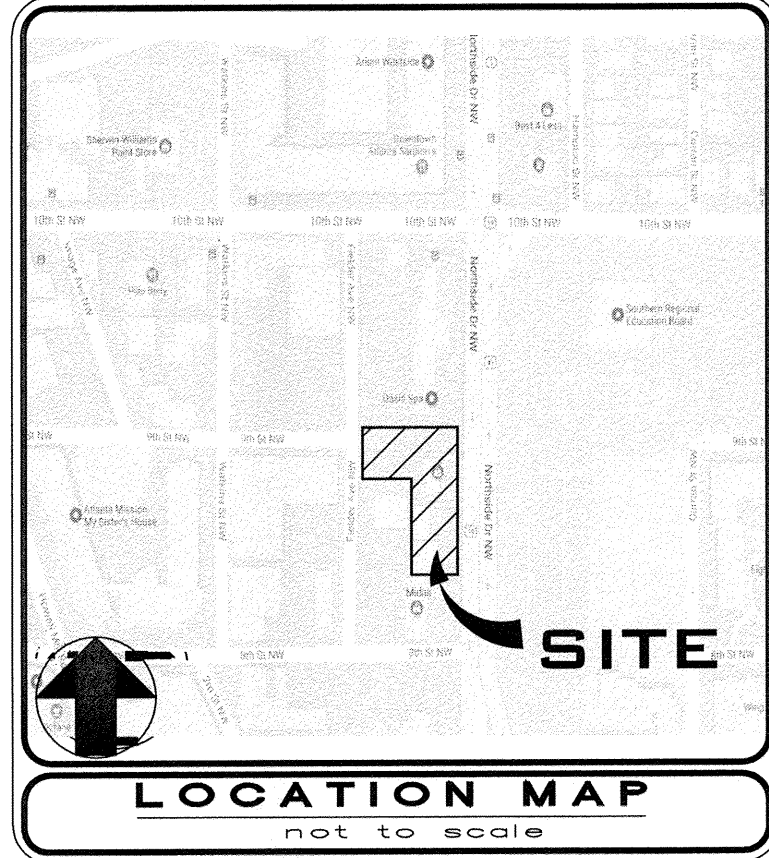
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Sheet No. C9.1



Grid North (GA West Zone)
TPA



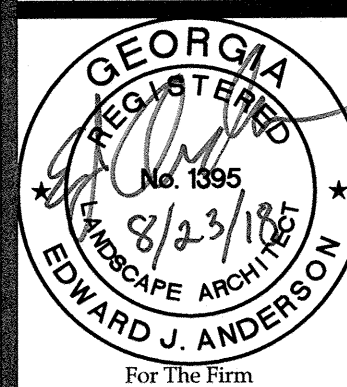
OWNER/DEVELOPER
BROWARD MANAGEMENT, LLC
6780 Roswell RD, Suite C-200
SANDY SPRINGS, GA 30328
JOHNC.BROWARD@GMAIL.COM
24 HOUR EMERGENCY CONTACT
Mr. John Coglough
770-241-5930

EXISTING TREE DATA TABLE - IMPACTED TREES						
	Tree #	DBH	SPECIES	IMPACT %	STATUS	Rcmp. DBH
	1	12	HWD	0.0	DESTROY	12
	2	8	PN	0.0	DESTROY	8
Boundary	3	12	PN	14.3	SAVED	
SUBTOTALS	3	20				20

NOTES: DBH Subtotal Number does not include Boundary Trees DBH
1. RCMP. DBH = RECOMPENSE DBH
2. DESTROY. = DESTROYED, RECOMPENSE REQUIRED

TREE REMOVAL PLAN
924 NORTHSIDE DR. STORAGE

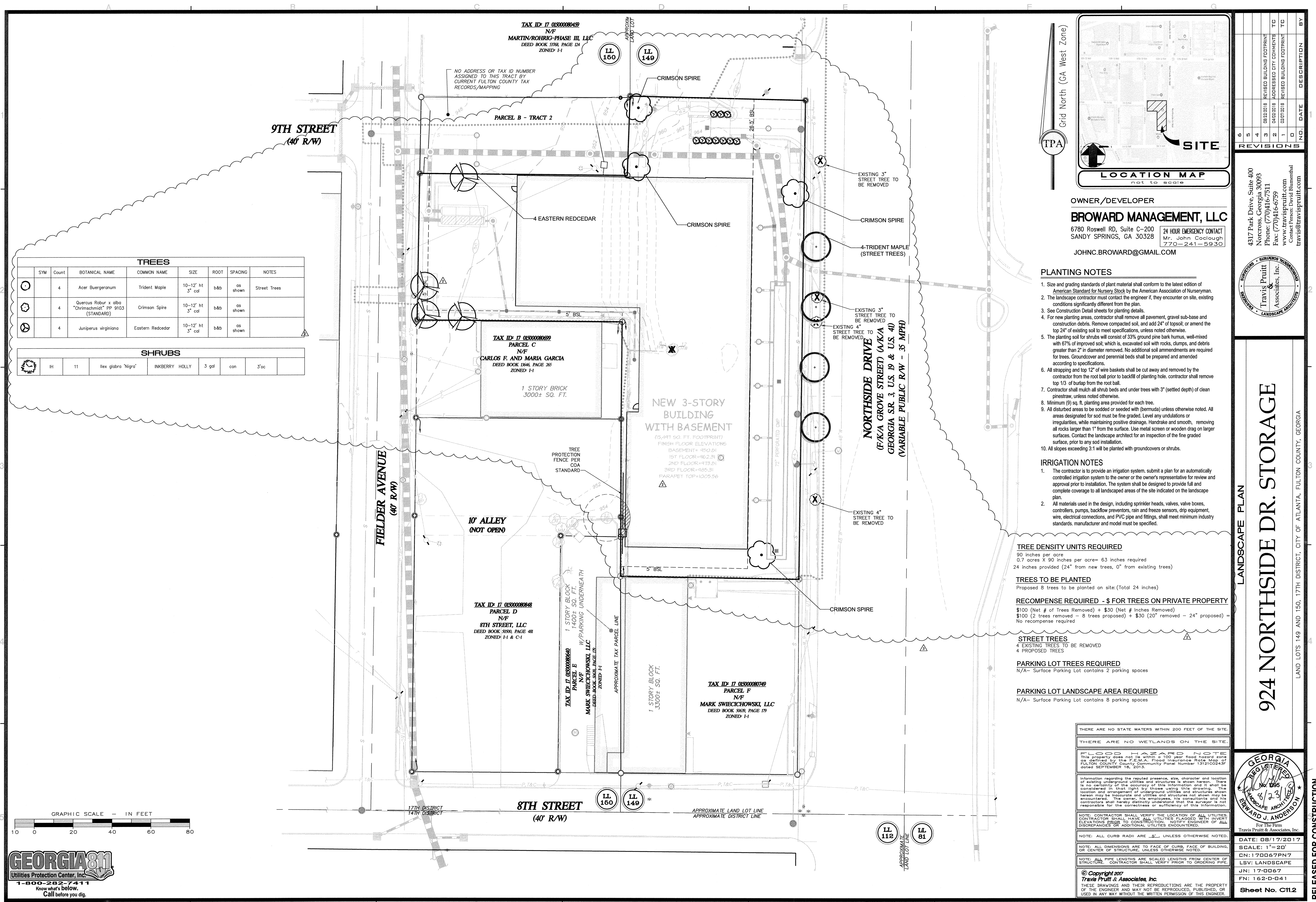
LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA



DATE: 08/17/2017
SCALE: 1"=20'
CN: 170067PN7
LSV: TREE REMOVAL
JN: 17-0067
FN: 162-D-041

Sheet No. C111

RELEASED FOR CONSTRUCTION



TREES							
SYM	Count	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING	NOTES
	4	Acer Buergianum	Trident Maple	10-12' ht 3" cal	b&b	as shown	Street Trees
	4	Quercus Robur x alba "Chrimschmidt" PP 9103 (STANDARD)	Crimson Spire	10-12' ht 3" cal	b&b	as shown	
	4	Juniperus virginiana	Eastern Redcedar	10-12' ht 3" cal	b&b	as shown	

SHRUBS							
	IH	11	Ilex glabra 'Nigra'	INKBERRY HOLLY	3 gal	con	3'oc

Grid North (CA West Zone)

TPA

LOCATION MAP

not to scale

SITE

OWNER/DEVELOPER
BROWARD MANAGEMENT, LLC
6780 Roswell RD, Suite C-200
SANDY SPRINGS, GA 30328
JOHNC.BROWARD@GMAIL.COM

24 HOUR EMERGENCY CONTACT
Mr. John Coclough
770-241-5930

- PLANTING NOTES**
- Size and grading standards of plant material shall conform to the latest edition of American Standard for Nursery Stock by the American Association of Nurserymen.
 - The landscape contractor must consult the engineer if, they encounter on site, existing conditions significantly different from the plan.
 - See Construction Detail sheets for planting details.
 - For new planting areas, contractor shall remove all pavement, gravel sub-base and construction debris. Remove compacted soil, and add 24" of topsoil; or amend the top 24" of existing soil to meet specifications, unless noted otherwise.
 - The planting soil for shrubs will consist of 33% ground pine bark humus, well-mixed with 67% of improved soil; which is, excavated soil with rocks, clumps, and debris greater than 2" in diameter removed. No additional soil amendments are required for trees. Groundcover and perennial beds shall be prepared and amended according to specifications.
 - All strapping and top 12" of wire baskets shall be cut away and removed by the contractor from the root ball prior to backfill of planting hole. Contractor shall remove top 1/3 of burlap from the root ball.
 - Contractor shall mulch all shrub beds and under trees with 3" (settled depth) of clean pine straw, unless noted otherwise.
 - Minimum (9) sq. ft. planting area provided for each tree.
 - All disturbed areas to be sodded or seeded with (bermuda) unless otherwise noted. All areas designated for sod must be fine graded. Level any undulations or irregularities, while maintaining positive drainage. Handrake and smooth, removing all rocks larger than 1" from the surface. Use metal screen or wooden drag on larger surfaces. Contact the landscape architect for an inspection of the fine graded surface, prior to any sod installation.
 - All slopes exceeding 3:1 will be planted with groundcovers or shrubs.
- IRRIGATION NOTES**
- The contractor is to provide an irrigation system, submit a plan for an automatically controlled irrigation system to the owner or the owner's representative for review and approval prior to installation. The system shall be designed to provide full and complete coverage to all landscaped areas of the site indicated on the landscape plan.
 - All materials used in the design, including sprinkler heads, valves, valve boxes, controllers, pumps, backflow preventers, rain and freeze sensors, drip equipment, wire, electrical connections, and PVC pipe and fittings, shall meet minimum industry standards, manufacturer and model must be specified.

TREE DENSITY UNITS REQUIRED
30 inches per acre
0.7 acres x 30 inches per acre = 63 inches required
24 inches provided (24" from new trees, 0" from existing trees)

TREES TO BE PLANTED
Proposed 8 trees to be planted on site: (Total 24 inches)

RECOMPENSE REQUIRED - \$ FOR TREES ON PRIVATE PROPERTY
\$100 (Net # of Trees Removed) + \$30 (Net # Inches Removed)
\$100 (2 trees removed - 8 trees proposed) + \$30 (20" removed - 24" proposed)
No recompense required

STREET TREES
4 EXISTING TREES TO BE REMOVED
4 PROPOSED TREES

PARKING LOT TREES REQUIRED
N/A- Surface Parking Lot contains 2 parking spaces

PARKING LOT LANDSCAPE AREA REQUIRED
N/A- Surface Parking Lot contains 8 parking spaces

THERE ARE NO STATE WATERS WITHIN 200 FEET OF THE SITE.

THERE ARE NO WETLANDS ON THE SITE.

FLOOD HAZARD NOTE
This property does not lie within a 100 year flood hazard zone as claimed by the FEMA Flood Insurance Rate Map of the FULTON COUNTY Community Panel Number 13121C0243F dated SEPTEMBER 18, 2013.

Information regarding the reported presence, size, character and location of existing underground utilities and structures is shown hereon. There is no certainty of the accuracy of this information and it shall be considered in that light by those using this drawing. The location and arrangement of underground utilities and structures shown hereon may be inadequate and utilities and structures not shown may be encountered. The owner, his employees, his consultants and his contractors shall hereby distinctly understand that the surveyor is not responsible for the correctness or sufficiency of this information.

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NOTE: ALL CURB RADII ARE 1/2" UNLESS OTHERWISE NOTED.

NOTE: ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING OR CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.

NOTE: ALL PIPE LENGTHS ARE SCALED LENGTHS FROM CENTER OF STRUCTURE. CONTRACTOR SHALL VERIFY PRIOR TO ORDERING PIPE.

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DATE: 08/17/2017
SCALE: 1"=20'
DN: 170067PN7
LSV: LANDSCAPE
JN: 17-0067
FN: 162-D-041

Sheet No. C11.2

GEORGIA811
Utilities Protection Center, Inc.
1-800-282-7411
Know what's below.
Call before you dig.

LANDSCAPE PLAN

924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

RELEASED FOR CONSTRUCTION

REVISIONS

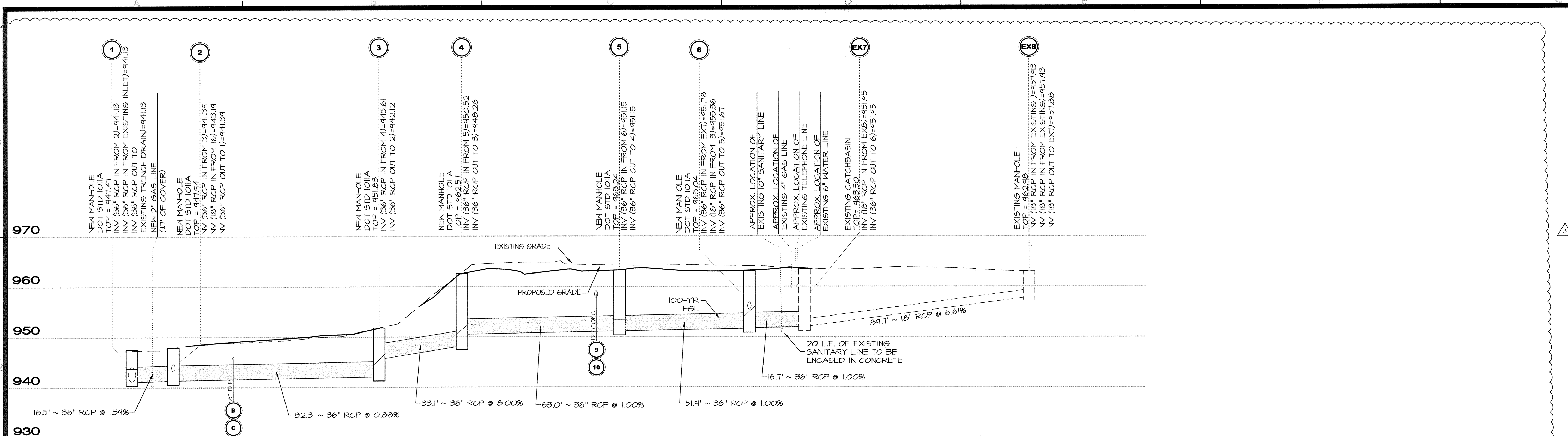
NO.	DATE	DESCRIPTION	BY
1	08/22/2018	REVISED BUILDING FOOTPRINT	TC
2	04/02/2018	ADDRESSED CITY COMMENTS	TC
3	03/07/2018	REVISED BUILDING FOOTPRINT	TC
4			
5			
6			

4317 Park Drive, Suite 400
Norcross, Georgia 30093
Phone: (770)416-7511
Fax: (770)416-6759
www.travispruitt.com
Contact Person: David Blumenthal
travis@travispruitt.com

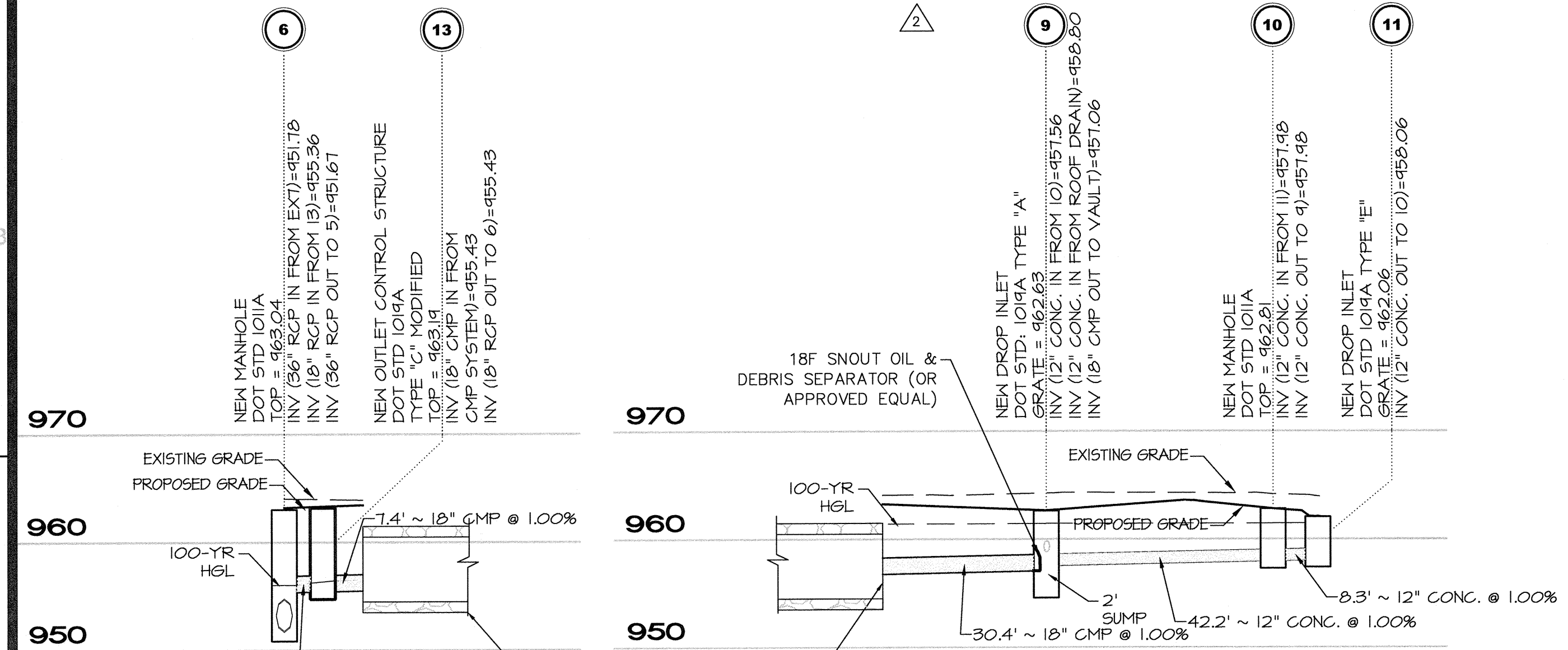
Travis Pruitt
Associates, Inc.
LANDSCAPE ARCHITECTS

GEORGIA
REGISTERED
LANDSCAPE ARCHITECT
No. 1885
8/23/17
EDWARD J. ANDERSON

For The Firm
Travis Pruitt & Associates, Inc.

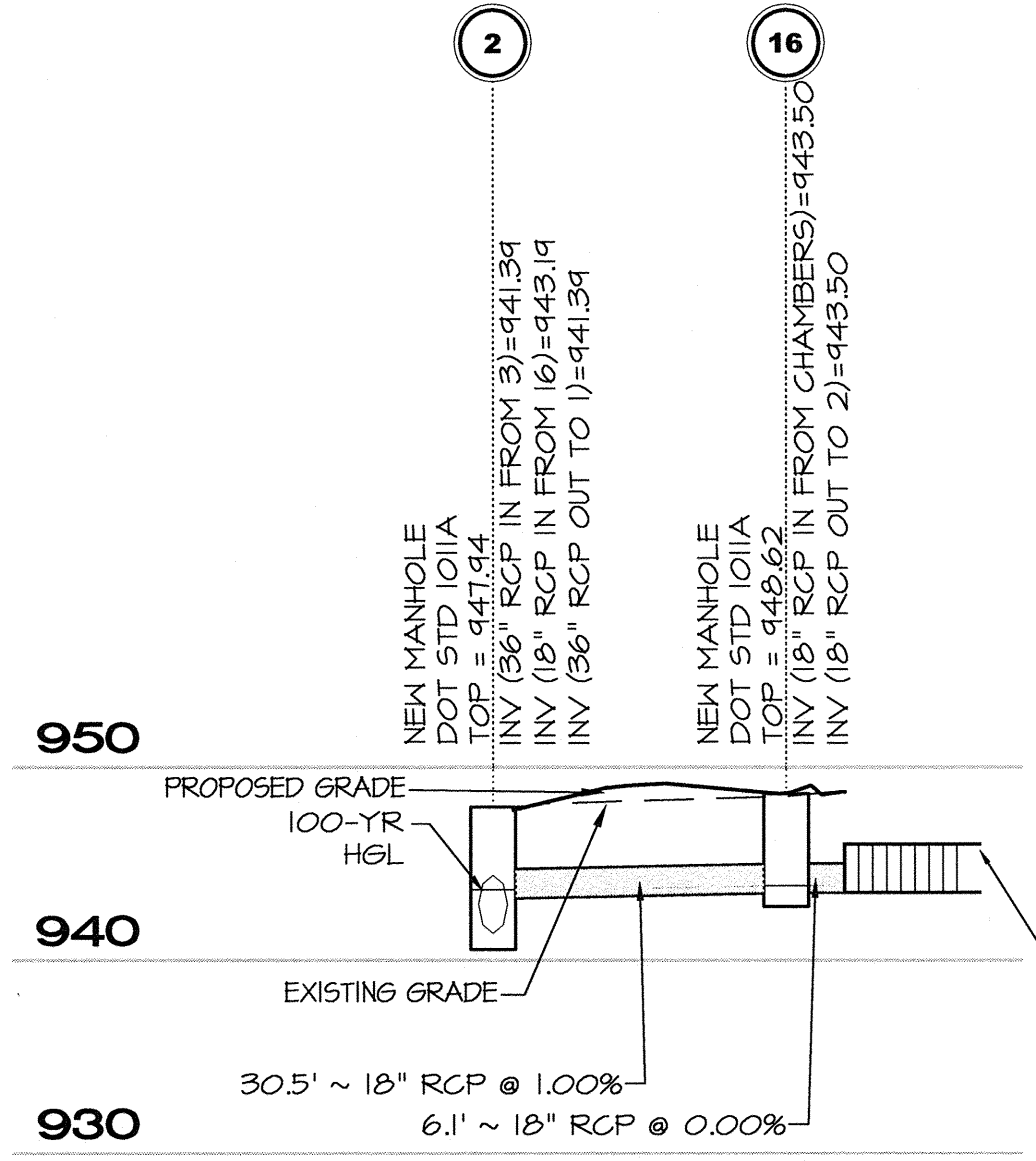


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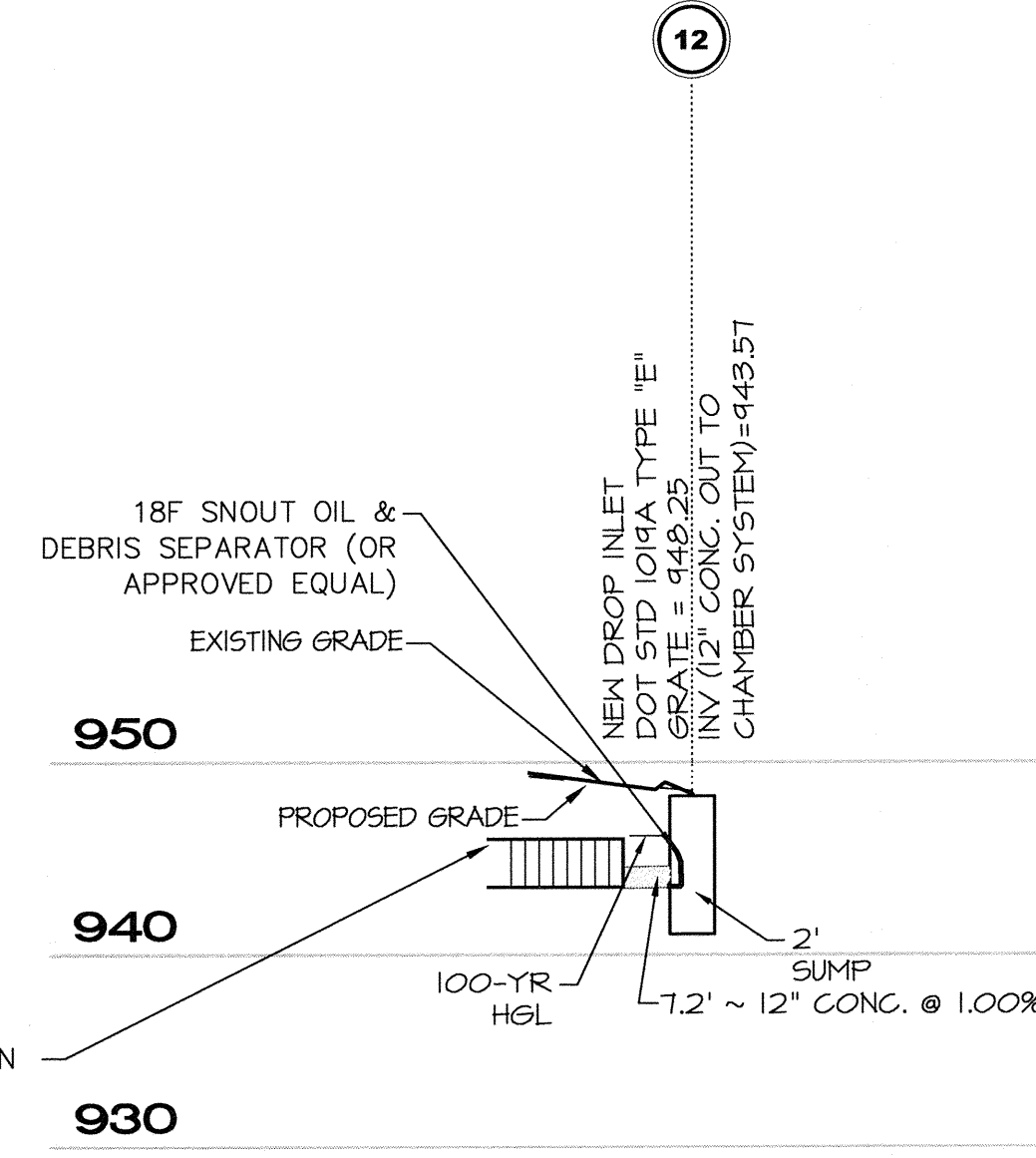


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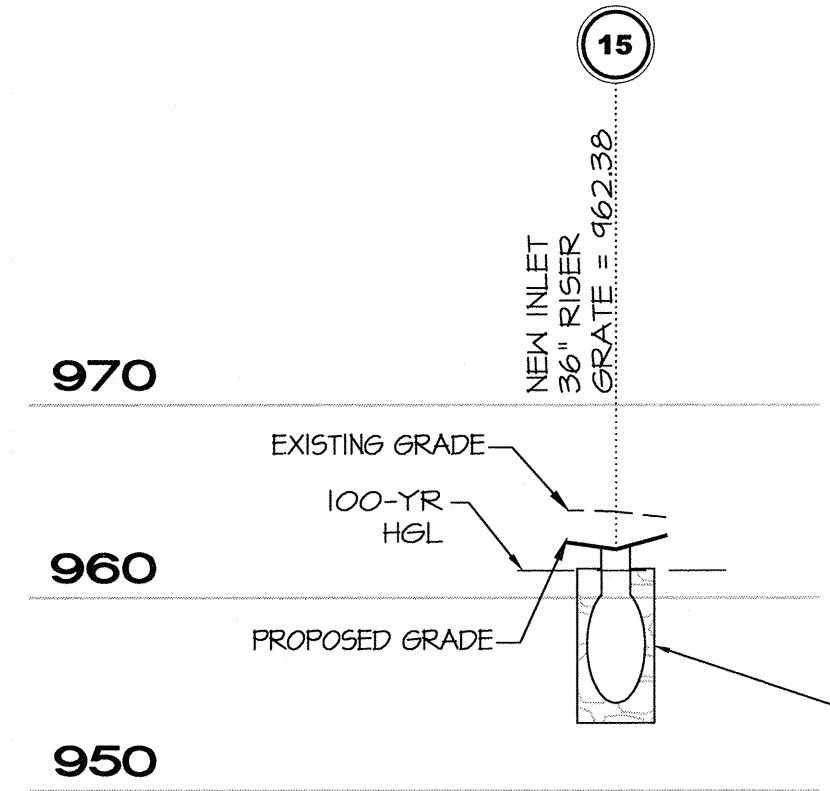
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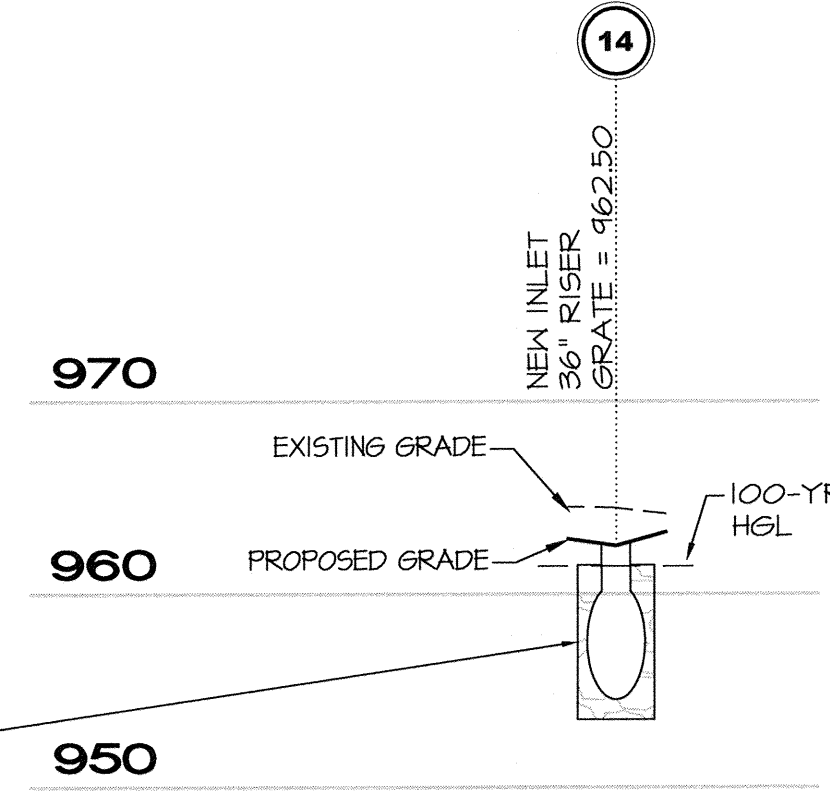
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1"=10' Vertical



Scale: 1"=20' Horizontal
1"=10' Vertical



Scale: 1"=20' Horizontal
1"=10' Vertical



Scale: 1"=20' Horizontal
1"=10' Vertical

100-YR STORM EVENT PIPE CHART													
LineNo.	InletID	JunctType	LineID	LineSize	LineLength	LineSlope	DrainageArea	TotalArea	IncrQ	KnownQ	FlowRate	RunoffCoeff	n-valuePipe
				(in)	(ft)	(%)	(ac)	(ac)	(cfs)	(cfs)	(cfs)	(C)	
1	9	Grate	9 TO VAULT	18	30.443	0.99	0.03	0.2	0.1	0	1.49	0.35	0.024
2	roof drain	MH	roof drain to 9	12	7.212	0.97	0.12	0.12	1.13	0	1.13	0.95	0.013
3	10	MH	10 TO 9	12	42.229	0.99	0	0.05	0	0	0.35	0	0.013
4	11	Comb.	11 TO 10	12	8.339	0.96	0.05	0.05	0.35	0	0.35	0.71	0.013
5	2	MH	2 to 1	36	16.513	1.57	0	0	0	0	48.08	0	0.013
6	3	MH	3 to 2	36	82.311	0.89	0	0	0	0	47.18	0	0.013
7	4	MH	4 to 3	36	33.098	8.01	0	0	0	0	47.18	0	0.013
8	5	MH	5 to 4	36	63.037	1	0	0	0	0	47.18	0	0.013
9	6	MH	6 to 5	36	51.858	1	0	0	0	0	47.18	0	0.013
10	EX7	Dp-Curb	ex7 to 6	36	16.673	1.02	0	0	0	0	42.75	0	0.013
11	EX8	MH	EX8 TO EX7	18	89.698	6.61	0	0	42.75	42.75	42.75	0	0.013
12	13	MH	13 TO 6	18	7.163	0.98	0	0	0	0	4.43	0	0.013
13	CMP SYSTEM	None	CMP SYSTEM TO 13	18	7.431	0.94	0	0	4.43	4.43	4.43	0	0.024
14	16	MH	16 TO 2	18	30.536	1.02	0	0	0	0	0.9	0	0.013
15	CHAMBERS	None	STORMTECH TO 16	18	6.092	0	0	0	0.9	0.9	0.9	0	0.013
16	12	Comb.	12 TO CHAMBERS	12	7.18	0.98	0.07	0.07	0.67	0	0.67	0.96	0.013



NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES OF THE ENGINEER AND MAY NOT BE REPRODUCED, PUBLISHED, OR USED IN ANY WAY WITHOUT THE WRITTEN PERMISSION OF THIS ENGINEER.

4317 Park Drive, Suite 400
Norcross, Georgia 30095
Phone: (770)416-7511
Fax: (770)416-6759
www.travispruitt.com
Contact Person: David Blumenthal
travis@travispruitt.com

REVISIONS

NO.	DATE	DESCRIPTION	BY
6			
5			
4			
3	08/22/2018	REVISED BUILDING FOOTPRINT	TC
2	02/05/2018	ADDITION WITH PLUMBING PLAN	TC
1	02/07/2018	REVISED BUILDING FOOTPRINT	TC
0			

PROFILES

924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

GSWCC #0000013061

REGISTERED PROFESSIONAL ENGINEER

DAVID BLUMENTHAL

For The Firm

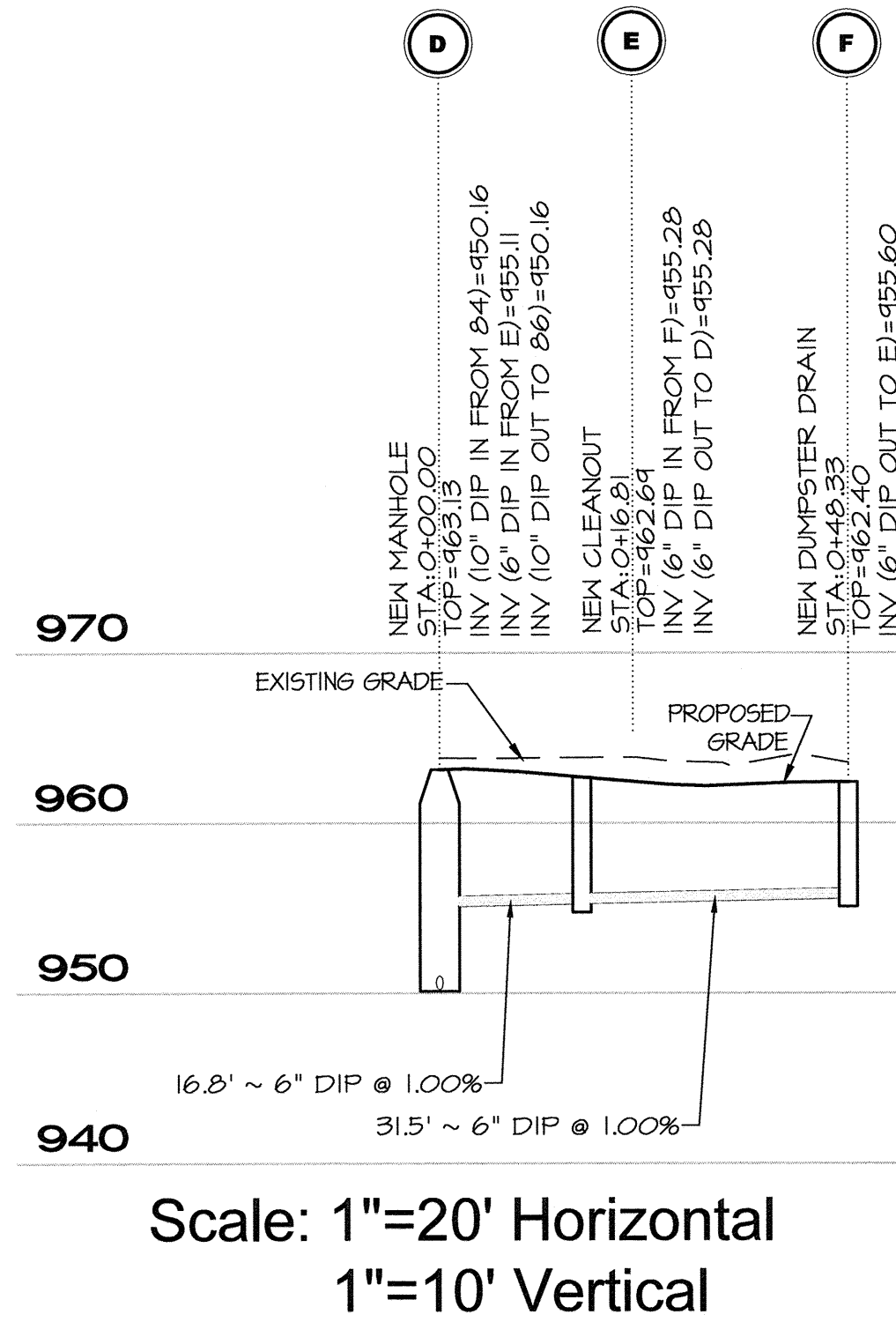
Travis Pruitt & Associates, Inc.

DATE: 09/14/2017
SCALE: 1"=20'
CN: 170067PR4
LSV: PROFILE
JN: 17-0067
FN: 162-D-041

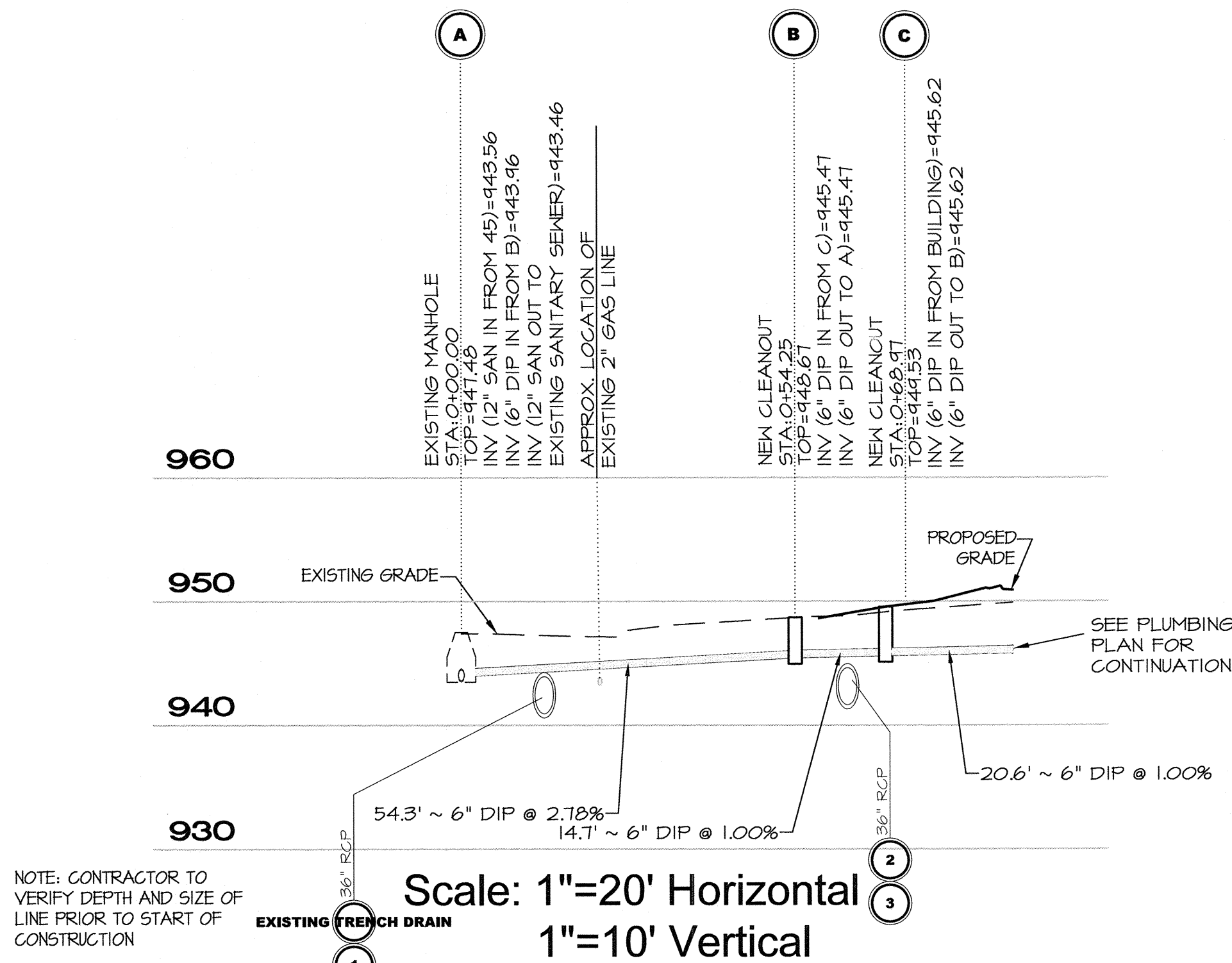
Sheet No. C121

RELEASED FOR CONSTRUCTION

SANTARY SEWER PROFILE



SANTARY SEWER PROFILE



NOTE: CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CONTRACTOR SHALL HAVE ALL UTILITIES FLAGGED WITH INVERT ELEVATIONS PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ALL DISCREPANCIES OR ADDITIONAL UTILITIES ENCOUNTERED.

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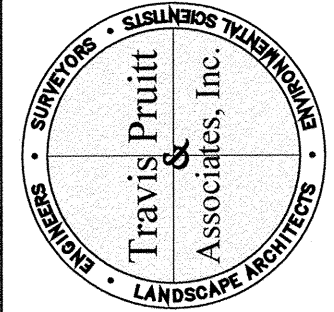
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DATE: 09/14/2017
SCALE: 1"=20'
CN: 170067PR4
LSV: PROFILE
JN: 17-0067
FN: 162-D-041
Sheet No. C12.2

PROFILES

924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA



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Contact Person: David Blumenthal
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NO.	DATE	DESCRIPTION	BY
6			
5			
4			
3	08/22/2018	REVISED BUILDING FOOTPRINT	TC
2	03/06/2018	COORDINATION WITH PLUMBING PLAN	TC
1	02/07/2018	REVISED BUILDING FOOTPRINT	TC
0			

MENT TRAP 8d2-F

CRUSHED STONE CONSTRUCTION EXISTING
(NTS)

2:1 OR STEEPER	0 = 0. MANY LAWS, IF NECESSARY
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MAINTENANCE
 Re-seed areas where an adequate stand of temporary vegetation fails to emerge or where a poor stand exists.

DISTURBED AREA STABILIZATION

[illegible]

8d1-Cf2

RELEASED FOR CONSTRUCTION

DEFINITION

The planning of perennial vegetation such as trees, shrubs, vines, grasses or forages on exposed areas for final permanent stabilization. Permanent perennial vegetation shall be used to achieve final stabilization.

PURPOSE

To protect the soil surface from erosion; to reduce damage from sediment and runoff to downstream areas; to improve aesthetics; and to provide resources to improve aesthetics.

REQUIREMENT FOR REGULATORY COMPLIANCE

1. The planning of perennial vegetation shall be undertaken for longer than six months. This practice or sodding shall be applied immediately to all areas at final grade. FINAL STABILIZATION means that all soil disturbing activities at the site have been completed, and that for unpaved areas and areas not covered by permanent structures, final stabilization may be accomplished by stabilizing the disturbed area for its original intended use. Until the disturbed area is stabilized and permanent control measures and facilities are operational, interim stabilization measures and temporary erosion and sedimentation control measures shall not be removed.

CONDITIONS

Permanent perennial vegetation is used to provide a protective cover for exposed areas including cuts, fills, ditches, and other disturbed areas.

PLANNING CONSIDERATIONS

1. Use conventional planning methods as possible.
2. When mixed plantings are done during marginal planting periods, companion crops shall be planted in the same area.
3. No-till planting is effective when planting is done following a summer fallow. The seed (including seedbed preparation) shall be planted in the soil or in an excellent procedure.
4. Disk and provide a seedbed. It is especially effective in controlling erosion adjacent to concrete foundations and other structures. Refer to Specific Area Stabilization (With Sodding) for more information.
5. Irrigation should be used when the soil is dry or when summer planting is done. Land surface preparation, as well as sods, should be used to ensure long-lasting erosion control.
6. Mowing should not be performed during the cool nesting season (May to September).
7. Multiple plantings should be included in critical area plantings.

WILDLIFE PLANTINGS

Commercially available plants beneficial to wildlife species include the following:

- Black Cherry, Blackberry, Chestnut, Chinquapin, Hackberry, Hickory, Honey Locust, Native Oak, Persimmon, Smooth Oak and Sweetgum.
- All trees that produce nuts or fruits are favored by many game species. Hickory produces nuts used by turkeys and deer.
- Shrubs and Small Trees: Blackberry, Blackberry, Crabapple, Dogwood, Hackberry or Native Blackberry, Mountain Laurel, Native Holly, Red Cedar, Red Mulberry, Sumac, Wax Myrtle, Wild Plum, and Wildsawyer.

Plant in patches without till soil to develop stable shrub communities. All produce fruits used by many kinds of wildlife, except for persimmon which produces seeds used by quail and songbirds.

Grasses, Legumes, Vines and Temporary Companions: Bahiagrass, Bermudagrass, Grass-Legume mixtures, Partridge Pea, Annual Lespedeza, Onchodragma (for mulch), Browston Millet (for temporary cover), and Native grasses. Provide herbaceous cover in clearing for a game bird brood-rearing habitat. Appropriate legumes such as vetches, clovers, and lespedezas may be mixed with grass, but they may die out after a few years.

CONSTRUCTION SPECIFICATIONS

GRADING AND SHAPING

Grading and shaping may not be required where hydraulic seeding and fertilizing equipment is to be used. Vertical banks shall be sloped to enable plant establishment. When conventional seeding and fertilizing are to be used, grade and shape where necessary to provide a suitable seedbed. The seedbed should be prepared by using a disk and harrow or other equipment that will break up clumps and provide a suitable seedbed. The seedbed should be prepared by using a disk and harrow or other equipment that will break up clumps and provide a suitable seedbed. The seedbed should be prepared by using a disk and harrow or other equipment that will break up clumps and provide a suitable seedbed.

1. LIME AND FERTILIZER APPLICATION: Agricultural lime is required at the rate of one to two tons per acre unless soil tests indicate otherwise. Graded areas require lime application. If lime is applied within six months of planting permanent perennial vegetation, additional lime is not required. Agricultural lime shall be within the specifications of the Georgia Department of Agriculture. Lime spread by conventional equipment shall be "ground limestone." Ground limestone is calcitic or dolomitic limestone ground so that 90 percent of the material will pass through a 10-mesh sieve, not less than 50 percent will pass through a 50-mesh sieve and not less than 25 percent will pass through a 100-mesh sieve.

2. AGRICULTURAL LIME: Agricultural lime spread by hydraulic seeding equipment shall be "fine ground limestone." Fine ground limestone is calcitic or dolomitic limestone ground so that 95 percent of the material will pass through a 10-mesh sieve and not less than 75 percent will pass through a 100-mesh sieve.

3. AGRICULTURAL LIME: It is desirable to use dolomitic limestone in the Sand Hills, Southern Coastal Plain and Atlantic Coast Flatwoods MLRAs. Agricultural lime is generally not required when any trees are to be planted. However, nitrogen, phosphorus, and maintenance fertilizer requirements for each species or combination of species are listed in the tables that follow this section.

4. LIME AND FERTILIZER APPLICATION: When "hydraulic seeding" equipment is used, the initial fertilizer shall be mixed with seed, inoculant (if needed), and wood cellulose or wood pulp fiber mulch and applied in a slurry. The inoculant, if needed, shall be mixed with the seed prior to being placed into the hydraulic seeding. The slurry mixture will be applied during application to keep the hydrates thoroughly mixed. The mixture will be spread uniformly over the area within one hour after being placed in the hydraulic seeding. Freely ground limestone will be mixed with water and applied immediately after mulch is completed or in conjunction with the top dressing. When "conventional planting" is to be done, time and fertilizer shall be applied uniformly in one of the following ways:

1. Apply before land preparation so that it will be mixed with the soil during seedbed preparation.
2. Mix with the soil used to fill the holes, distribute in furrows.
3. Broadcast after steep slopes are scuffed, plowed or trenched.
4. A fertilizer pellet shall be placed at root depth in the closing hole beside each pine tree seeding.

PLANT SELECTION

Approved species are listed in the tables following this section. Species not listed shall be approved by the State Resource Conservation of the Natural Resources Conservation Service before they are used. Plants shall be selected on the basis of species characteristics, site and soil conditions, planned use and maintenance of the area, time of year planting, method of planting, and the needs and desires of the land user. Some perennial species are easily established and can be planted alone. Examples of these are Common Bermuda, Tall Fescue and Weeping Lovegrass. Other perennials, such as Bahia Grass and Sericea Lespedeza, are slow to become established and should be planted with another perennial species; the additional species will provide quick cover and erode soil protection until the target perennial species become established. For example, Common seeding combinations are 10 Lespedeza (scorified) and 2 Tall Fescue with Sericea Lespedeza (unscorified). Plant selection may also include annual companion crops. Annual companion crops should be used only when the perennial species are not planted during the optimum planting period. A common mixture is Brown Top Millet with Common Bermuda in mid-summer. Care should be taken in selecting companion crop species and seeding rates because annual crops will compete with perennial species for water, nutrients, and growing space. A high seeding rate of the companion crop may prevent the establishment of perennial species.

PERMANENT PERENNIAL SPECIES DUE TO ITS ABILITY TO OUT-COMPETE DESIRED SPECIES CHOSEN FOR PERMANENT PERENNIAL COVER.

SEED QUALITY

The term "pure live seed" is used to express the quality of seed and is not shown on the label. Pure live seed (PLS) is expressed as a percentage of the seeds that are pure and will germinate. Information on percent germination and purity can be found on seed tags. PLS is determined by multiplying the percent of pure seed with the percent of germination; i.e., $PLS = \% \text{ GERMINATION} \times \% \text{ PURITY}$.

EXAMPLE: Common bermuda seed 70% germination, 80% purity $PLS = 70\% \text{ germination} \times 80\% \text{ purity}$ $PLS = 56\%$

The percent of PLS helps you determine the amount of seed you need. If the rate is 10 lbs./acre, PLS=56%, you would need to plant 17.9 lbs./acre to provide 10 lbs./acre of pure live seed.

SEEDING PREPARATION

Seeded preparation may not be required where hydraulic seeding and fertilizing equipment is to be used. When conventional seeding is to be used, seeded preparation will be done as follows:

1. Broadcast plantings: Broadcast plantings shall adequately loosen the soil to a depth of 4 to 6 inches, elevate contours, incorporate lime and fertilizer, smooth and firm the soil, allow for the proper seed amount of seed, sprigs, or plants; and allow for the anchoring of straw or hay mulch if a disk is to be used.
2. Three steps may be done with any suitable equipment.
3. Three steps should be done on the contour where feasible.
4. On slopes too steep for the safe operation of tillage equipment, the soil surface shall be pit or trenched across the slope with appropriate hand tools to provide two rows 6 to 8 inches apart in which seed may lodge and germinate. Hydraulic seeding may also be used.

Individual Plants: Individual plants are to be set, the soil shall be prepared by excavating holes, opening furrows, or dibble planting.

For nursery stock plants, holes shall be large enough to accommodate roots without crowding.

Three pine seedlings are to be planted, subsoil under the row 36 inches deep on the contour four to six months prior to planting. Subsoiling should be done when the soil is dry, preferably in August or September.

INOCULANTS

All legume seed shall be inoculated with appropriate nitrogen-fixing bacteria. The inoculant shall be of a pure culture prepared specifically for the seed species and used within the dates on the container. A mixing medium recommended by the manufacturer shall be used to bond the inoculant to the seed. For conventional seeding, use twice the amount of inoculant recommended by the manufacturer. For hydraulic seeding, four times the amount of inoculant recommended by the manufacturer should be used. All inoculated seed shall be protected from the sun and high temperatures and shall be planted the same day inoculated. No inoculated seed shall remain in the hydropresser longer than one day.

PLANTING

Hydraulic Seeding: Mix the seed (including if needed), fertilizer, and wood cellulose or wood pulp fiber mulch with water and apply in a slurry uniformly over the area to be treated. The seed shall be applied at the rate indicated above.

Conventional Seeding: Seed shall be planted in a freshly prepared and firm seedbed. For broadcast planting, use a cultipacker-seeder, drill, rotary seeder, other mechanical seeder, or hand sowing. For row seeding, use a drill or other mechanical seeder. The seed shall be planted at a depth of 1/2 to 1 inch for all seed and 1/2 to 1 inch for all seed and 1/2 to 1 inch for all seed.

No-till Seeding: No-till seeding is permissible into annual cover crops when planting is done following maturity of the cover crop or if the temporary cover stand is sparse enough to allow adequate growth of the permanent (perennial) species. No-till seeding shall be done with appropriate no-till seeding equipment. The seed must be uniformly distributed and planted at the proper depth.

SEEDING

MULCH IS REQUIRED FOR ALL PERMANENT VEGETATION APPLICATIONS. Mulch applied to seeded areas shall average 75% soil cover. Select the mulching material from the following and apply as indicated:

1. DRY STRAW or DRY HAY of good quality and free of weed seeds can be used. Lespedeza, Onchodragma (for mulch), Browston Millet (for temporary cover), and Native grasses. Provide herbaceous cover in clearing for a game bird brood-rearing habitat. Appropriate legumes such as vetches, clovers, and lespedezas may be mixed with grass, but they may die out after a few years.
2. One thousand pounds of WOOD CELLULOSE or WOOD PULP FIBER, which includes a tackifier, shall be used with hydraulic seeding on slopes 2:1 or steeper.
3. Aerial application of WOOD CELLULOSE or WOOD PULP FIBER shall be applied at a rate of 100 to 150 lbs./acre.
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DURABLE SHRUBS AND GRASS COVERS FOR PERMANENT COVER

Ground covers include a wide range of low-growing plants that are planted together in considerable numbers to cover large areas of the landscape. Ground covers grow slower than grasses. Weeds are likely to compete, especially the first year. Maintenance is needed to insure survival. These ground covers will not be used unless proper maintenance is planned. Maintain much at three-inch thickness until plants provide adequate cover.

Fall planting is encouraged because the need for constant watering is reduced and plants have time to establish new roots before hot weather.

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT	PLANT SPACING	COMMENTS
Ardisia	Ardisia grandifolia	3-4 ft.	5 ft.	Shrub 2' high, Sun, semi-shade. Semi-evergreen.
Cayote	Ceanothus	low	3 ft.	New, Yellow, trumpet-like flowers, Hardy, 100% shade tolerant.
Yellow Jasmine	Yucca	low	3 ft.	Shrub 2' high, Sun, semi-shade. Semi-evergreen.

Cape May	Agave repens	2-4 ft.	3 ft.	Shrub 2' high, Sun, semi-shade. Semi-evergreen.
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Berberis	Ceanothus	2-4 ft.	5 ft.	White flowers, red fruit, Sun, Evergreen.
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Ceanothus	Ceanothus	1-2 ft.	5 ft.	White flowers, red fruit, Sun, Evergreen.
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Black	Ceanothus	1-2 ft.	5 ft.	White flowers, red fruit, Sun, Evergreen.
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DEFINITION

A temporary protective device formed around a storm drain drop inlet to trap sediment.

PURPOSE

To prevent sediment from leaving the site, or from entering storm drainage systems, prior to permanent stabilization of the disturbed area draining to the inlet.

DESIGN CRITERIA

Sediment traps must be self-draining unless they are otherwise protected in an approved fashion that will not present a safety hazard. The drainage area entering the inlet sediment trap shall be no greater than one acre.

If runoff may bypass the protected inlet, a temporary dike should be constructed on the down slope side of the structure. Also, a stone filter ring may be used on the up slope side of the inlet to slow runoff and filter larger soil particles. Refer to **Fr - Stone Filter Ring**.

Excavated Inlet Sediment Trap

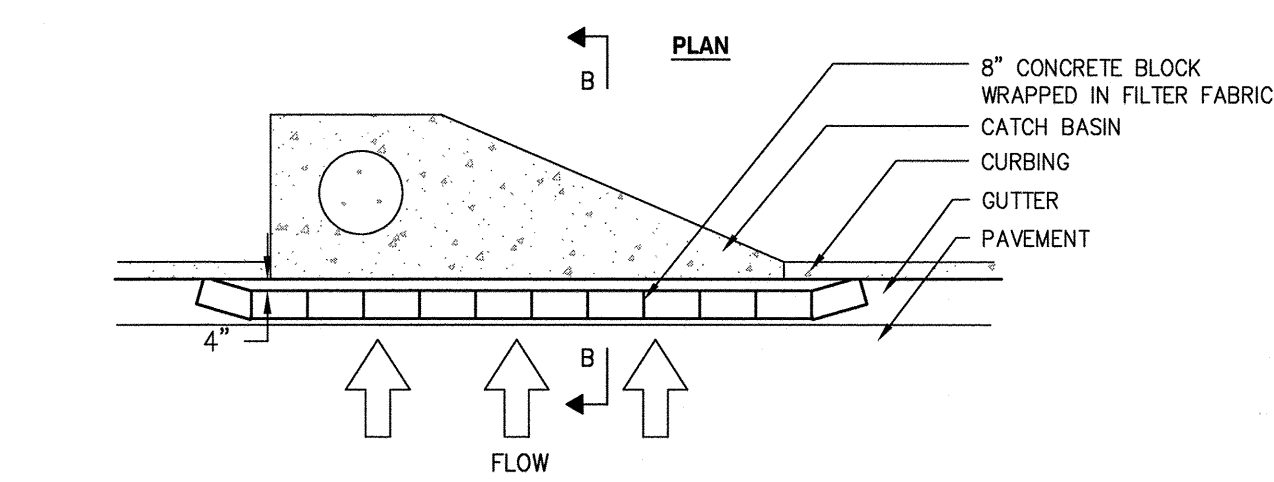
An excavation may be created around the inlet sediment trap to provide additional sediment storage. The trap shall be sized to provide a minimum storage capacity calculated at the rate of 67 cubic yards per acre of drainage area. A minimum depth of 1.5 feet for sediment storage should be provided. Side slopes shall not be steeper than 2:1.

MAINTENANCE

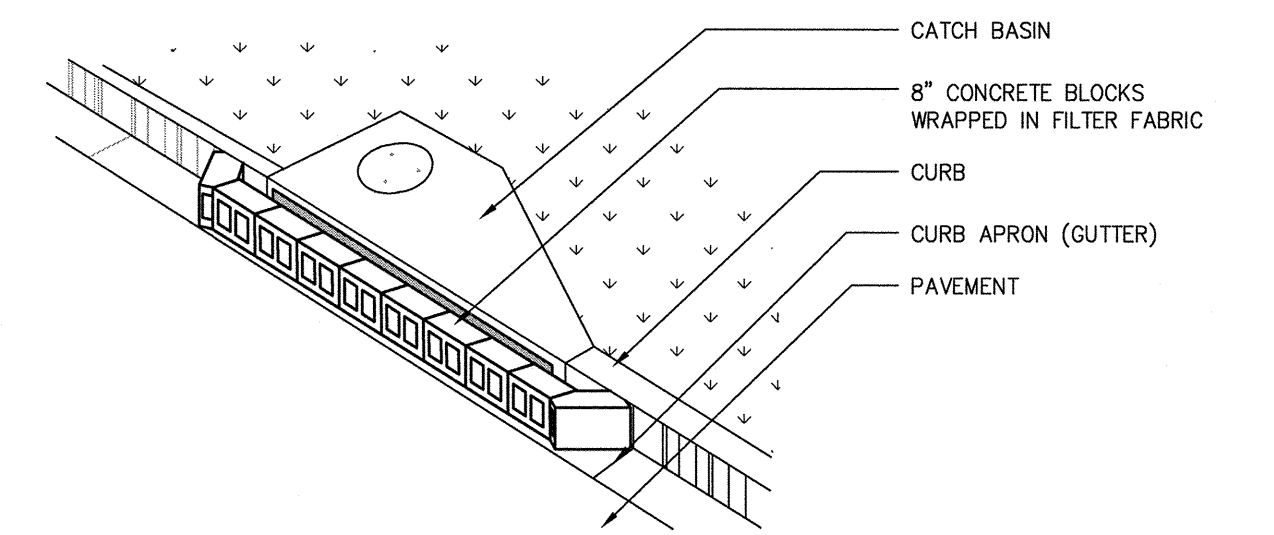
The trap shall be inspected daily and after each rain and repairs made as needed.

Sediment shall be removed when the sediment has accumulated to one-half the height of the trap. Sediment shall be removed from curb inlet protection immediately. For excavated inlet sediment traps, sediment shall be removed when one-half of the sediment storage capacity has been lost to sediment accumulation. Sod inlet protection shall be maintained as specified in **Ds4 - Disturbed Area Stabilization (With Sodding)**.

Sediment shall not be washed into the inlet. It shall be removed from the sediment trap, disposed of and stabilized so that it will not enter the inlet again. When the contributing drainage area has been permanently stabilized, all materials and any sediment shall be removed, and either salvaged or disposed of properly. The disturbed area shall be brought to proper grade, then smoothed and compacted. Appropriately stabilize all disturbed areas around the inlet.



- NOTES:**
1. INSTALL FILTER AFTER ANY ASPHALT PAVEMENT INSTALLATION.
 2. WRAP 8" CONCRETE BLOCKS IN FILTER FABRIC AND SPAN ACROSS CATCH BASIN INLET.
 3. FACE OPENINGS IN BLOCKS OUTWARD.
 4. LEAVE A GAP OF APPROXIMATELY 4 INCHES BETWEEN THE CURB AND THE FILTERS TO ALLOW FOR OVERFLOW TO PREVENT HAZARDOUS PONDING.
 5. INSTALL OUTLET PROTECTION BELOW STORM DRAIN OUTLETS.



INLET SEDIMENT TRAP CURB INLET FILTER "PIGS IN BLANKET" (NTS)

(SD-2-P)

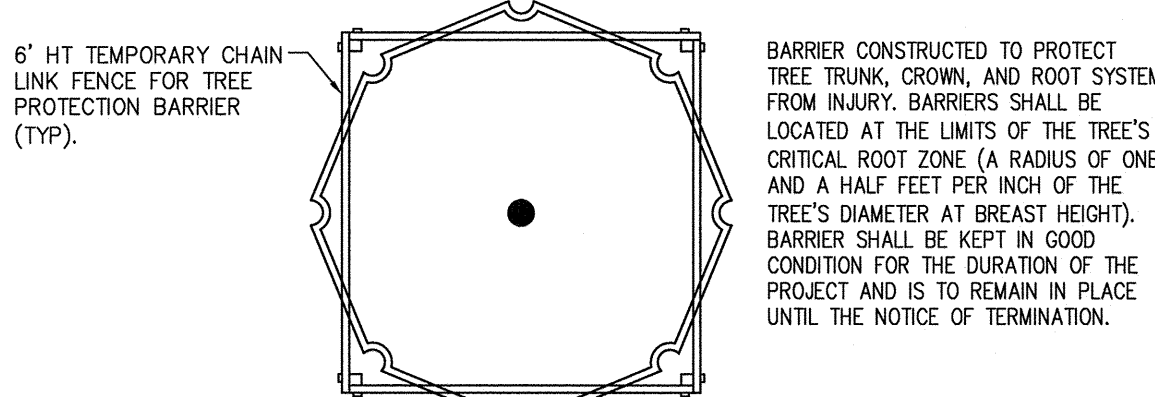
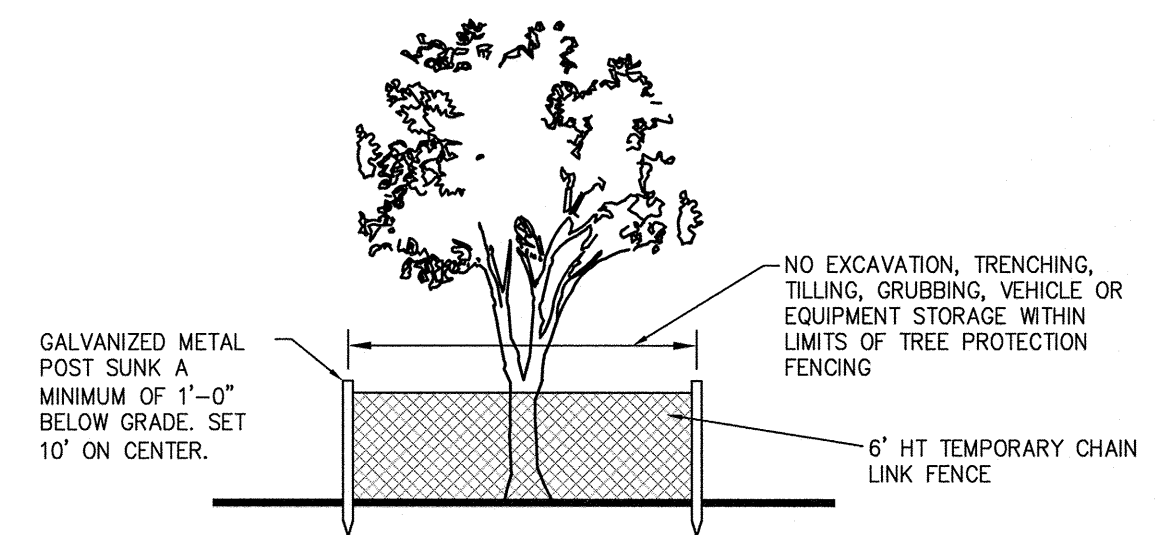
DEFINITION

To protect desirable trees from injury during construction activity.

PURPOSE

To insure the survival of desirable trees where they will be effective for erosion and sediment control, watershed protection, landscape beautification, dust and pollution control, noise reduction, shade and other environmental benefits while the land is being converted from forest to urban-type uses.

CHAIN LINK FENCE DETAIL



FOR ADDED PROTECTION

- PROVIDE 4" DEEP ORGANIC MULCH OVER ANY UNPROTECTED ROOT ZONE.
- PROVIDE TEMPORARY IRRIGATION WHERE PRACTICAL AND FEASIBLE.

TREE PROTECTION (NTS)

(Tr)

DEFINITION

A protective covering (blanket) or soil stabilization mat used to establish permanent vegetation on steep slopes, channels, or shorelines.

PURPOSE

To microclimate which protects young vegetation and promotes its establishment. -to reinforce the turf to resist forces of erosion during storm events.

CONDITIONS

Blankets and blankets can be applied on steep slopes where erosion hazard is high and planting is likely to be too slow in providing adequate protective cover. CONCENTRATED FLOW AREAS, ALL SLOPES STEEPER THAN 2:1 AND WITH A HEIGHT OF TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKETS. Maintenance of final vegetative cover must be considered when choosing blankets versus matting. On streambanks or tidal shorelines where moving water is present, matting can prevent new plantings from being washed away.

PLANNING CONSIDERATIONS

Core must be taken to choose the type of blanket or matting which is most appropriate for the specific needs of a project. Two general types of blankets and mats are discussed within this specification. Due to the abundance of erosion control matting and blanket products available, all of the advantages, disadvantages, and specifications of all manufactured products will not be discussed in this manual. Manufacturer's instructions and recommendations, as well as a site visit by designer and plan reviewer is highly recommended to determine a product's appropriateness.

Temporary Erosion Control Blankets

This includes TEMPORARY "combination" blankets (rolled erosion control blankets-RECB) consisting of a plastic netting which covers and is intertwined with a natural organic or manmade mulch; or, a jute mesh which is typically homogeneous in design and can act alone as a soil stabilization blanket. Temporary blankets of a minimum shall be used to stabilize concentrated flow areas with a velocity less than 5ft/sec and slopes 2:1 or steeper with a height of 10 feet or greater. Because temporary blankets will deteriorate in a short period of time, they provide no enduring reduction in erosion protection.

Benefits of using erosion control blankets include the following:

1. Protection of the seed and soil from raindrop impact and subsequent displacement.
2. Thermal consistency which moisture retention for seeded area.
3. Stronger and faster germination of grasses and legumes.
4. Plugging off excess stormwater runoff.
5. Prevention of sloughing of topsoil added to steeper slopes.

Permanent Erosion Control Matting

Consists of a PERMANENT non-degradable, three-dimensional plastic structure which can be filled with soil prior to planting. These mats are also known as PERMANENT SOIL REINFORCING MATS (turf reinforcement matting). Roots penetrate and become entangled in the matrix, forming a continuous anchor for surface growth and promoting enhanced energy dissipation. Matting shall be used when a vegetative lining is desired in stormwater conveyance channels where the velocity is between five and ten feet per second.

Benefits of using erosion control matting include the following:

1. All benefits gained from using erosion control blankets.
2. Causes soil to drop out of stormwater and fill matrix with fine soils which become the growth medium for the development of roots.
3. Acts with the vegetative root system to form an erosion resistant cover which resists hydraulic lift and shear forces when embedded in the soil within stormwater channels.

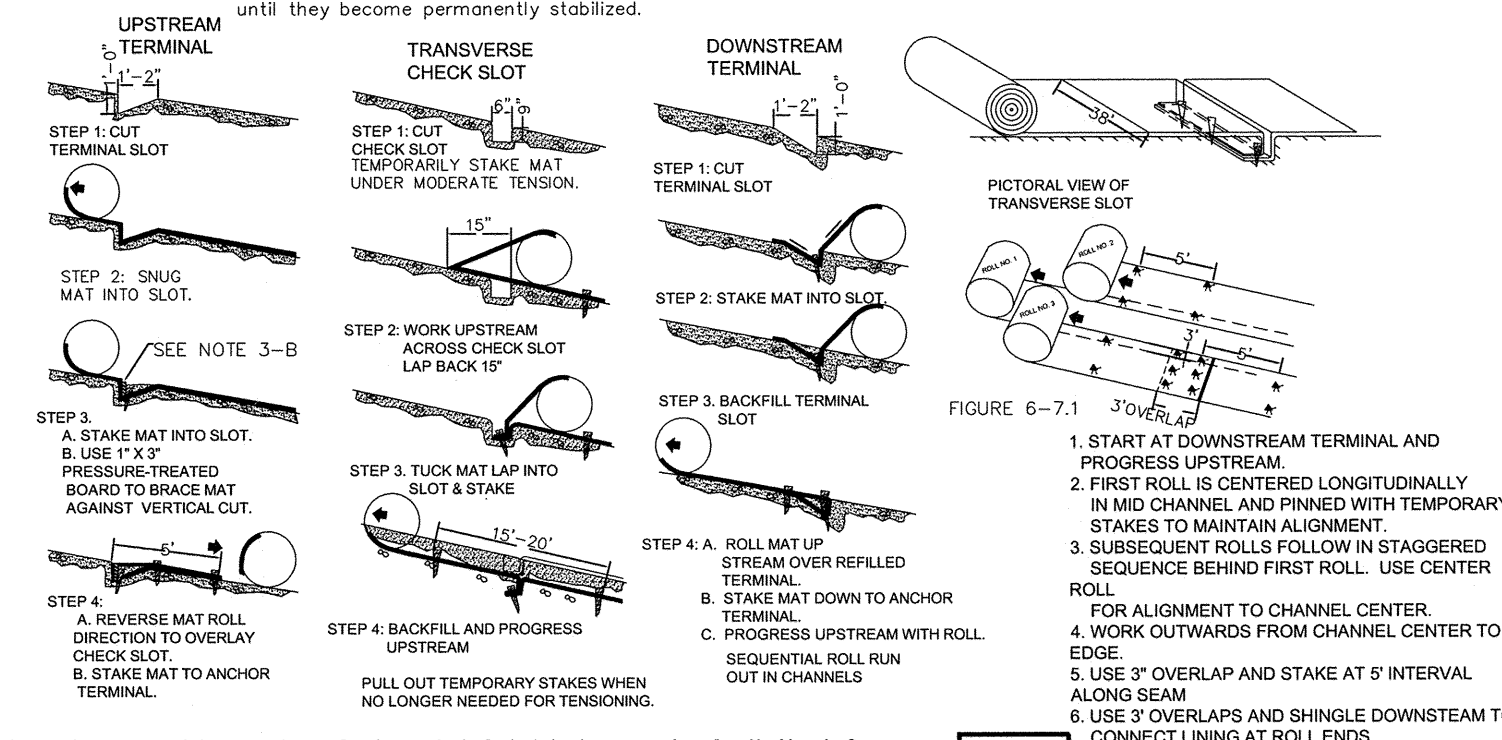
Materials

All blanket and matting materials shall be on the Georgia Department of Transportation Qualified Products List (QPL #62 for blankets, QPL #49 for matting). All blankets shall be nontoxic to vegetation and to the germination of seed and shall not be injurious to the unprotected skin of humans. At a minimum, the plastic netting shall be intertwined with the mulching material/fiber to maximize strength and provide for ease of handling.

Temporary Blankets

Machine produced TEMPORARY combination blankets shall have a consistent thickness with the organic material evenly distributed over the entire blanket area. All combination blankets shall have a minimum width of 48 inches. Machine produced combination blankets include the following:

- a. STRAW BLANKETS are combination blankets that consist of weed-free straw from agricultural crops formed into a blanket. Blankets with a top side of photodegradable plastic mesh with a maximum mesh size of 5/16 x 5/16 inch and sewn to the straw with biodegradable thread is appropriate for slopes. The blanket shall have a minimum thickness of 3/8 inch and minimum dry weight of 0.5 pounds per square yard.
- b. EXCelsior BLANKETS are combination blankets that consist of curled wood excelsior (80% of fibers are six inches or longer) formed into a blanket. The blanket shall have clear markings indicating the top side of the blanket and be smolder resistant. Blankets shall have photodegradable plastic mesh having a maximum mesh size of 1 1/2 x 3 inches. The blanket shall have a minimum thickness of 1/4 of an inch and a dry weight of 0.8 pounds per square yard. Slopes require excelsior matting with the top side of the blanket covered in the plastic mesh, and for waterways, both sides of the blankets require plastic mesh.
- c. COCONUT FIBER BLANKETS are combination blankets that consist of 100% coconut fiber (into a blanket). The minimum thickness of the blanket shall be 1/4 of an inch with a minimum dry weight of 0.5 pounds per square yard. Blankets shall have photodegradable plastic mesh, with a maximum mesh size of 5/8 x 5/8 inch and sewn to the fiber with a breakdown synthetic yarn. Plastic mesh is required on both sides of the blanket if used in waterways. A maximum of two inches is allowable for the stitch pattern and row spacing.
- d. WOOD FIBER BLANKETS are combination blankets that consist of reprocessed wood fibers that do not possess or contain any growth or germination inhibiting factors. The blankets shall have a photodegradable plastic mesh, with a maximum mesh size of 5/8 x 3/4 inch, securely bonded to the top of the mat. The blankets shall have a minimum dry weight of 0.35 pounds per square yard. A maximum of two inches is allowable for the stitch pattern and row spacing. This practice shall be applied only to slopes. e. JUTE MESH can be applied to slopes. Jute mesh with a 48 inch width shall show between 76 and 80 warps and a one yard length shall show between 39 to 43 weftings. The woven mesh shall be at least 45 inches wide. Jute mesh shall have a unit weight of at least 0.9 pounds per square yard, but not more than 1.5 pounds per square yard.

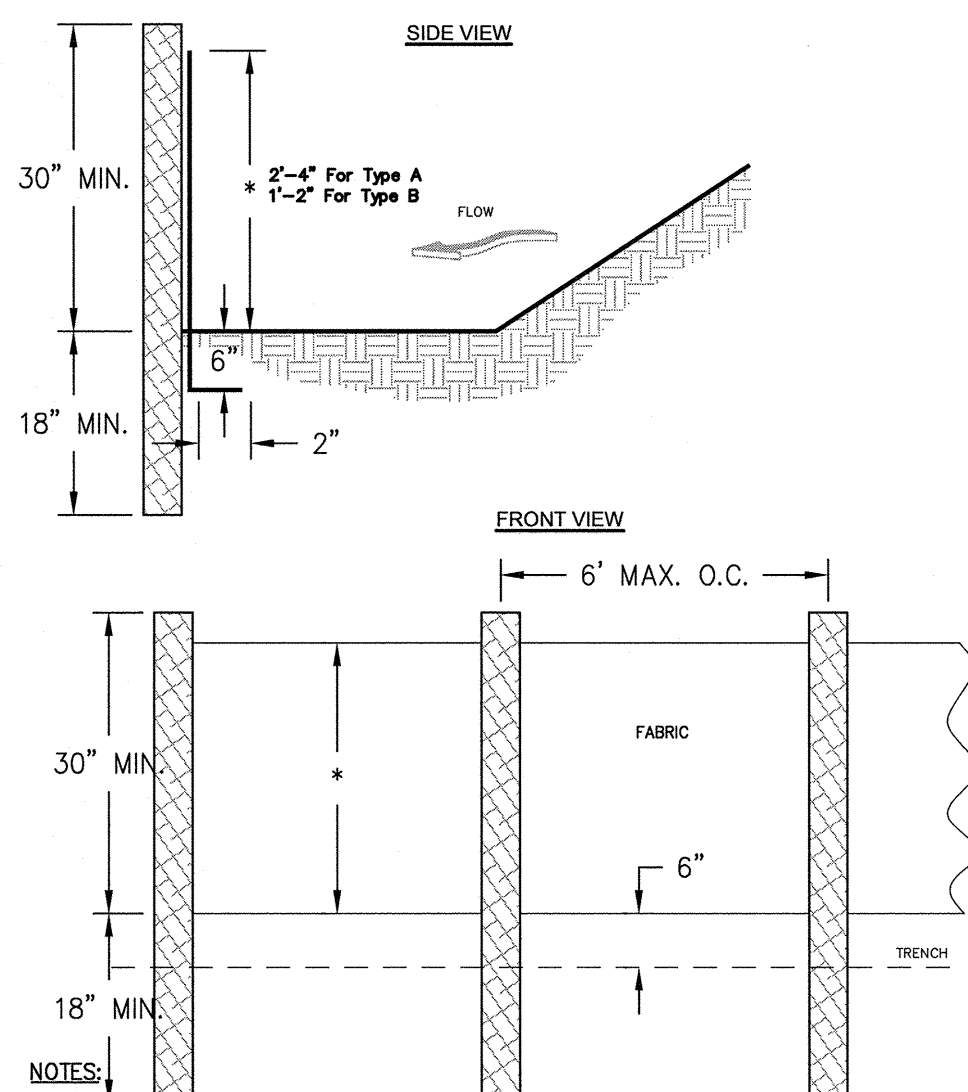


EROSION CONTROL AND MATTING BLANKETS

(Mb)

TABLE 6-27.4			
TYPE FENCE	A	B	C
Tensile Strength (Lbs. Min.) (1) (ASTM D-4632)	Warp - 120 Fill - 100	Warp - 120 Fill - 100	Warp - 260 Fill - 180
Elongation (% Max.) (ASTM D-4632)	40	40	40
Elongation (% Max.) (ASTM D-4632)	#30	#30	#30
Flow Rate (Gal/Min/Sq. Ft.) (GDT-67)	25	25	70
Ultraviolet Stability (2) (ASTM D-4632 after 300 hours weathering in accordance with ASTM D-4355)	80	80	80
Burning Strength (PSI Min.) (ASTM D-3786 Diphogram Burning Strength Tester)	175	175	175
Minimum Fabric Width (inches)	36	22	36

- (1) Minimum roll overlap of five specimens.
(2) Percent of required initial minimum tensile strength



1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

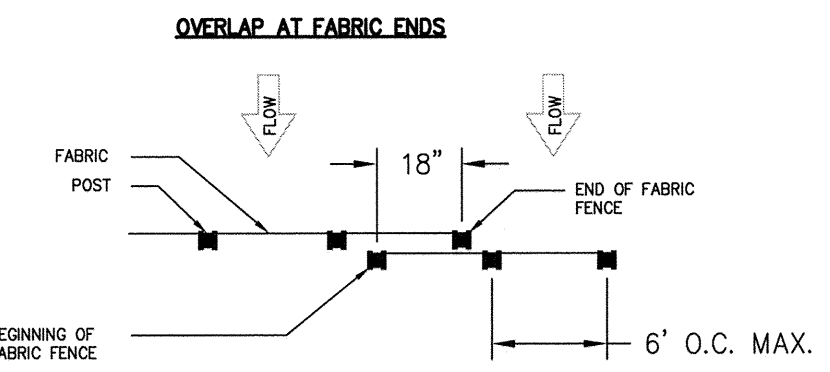
SILT FENCE - TYPE A & B NON-SENSITIVE (NTS)

(SD-1-NS)

TABLE 6-27.2 POST SIZE			
TYPE	MIN POST	TYPE OF POST	SIZE OF POST
NS	4'	SOFT WOOD OAK STEEL	3" DIA OR 2X4 1.5"x1.5" 1.5 LB/FT MIN.
S	4'	STEEL OAK	1.15-1.25 LB/FT MIN. 2"x2"

TABLE 6-27.3 FASTENERS FOR WOOD POST			
WIRE STAPLES	GAUGE	CROWN	LEGS
	18 MIN.	3/4"	1/2"
		WIDE	LONG
			5 MIN.
NAILS	GAUGE	LENGTH	BUTTON HEADS
	14 MIN.	1"	3/4"
			4 MIN.

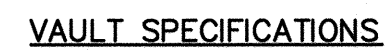
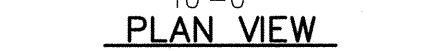
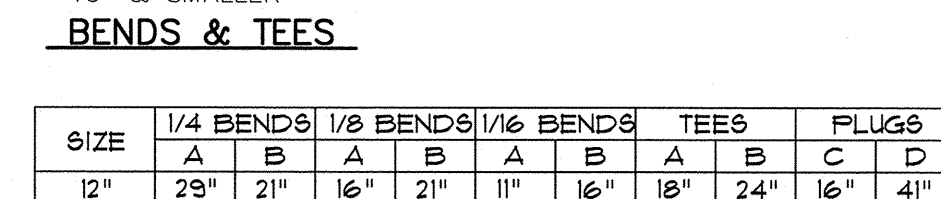
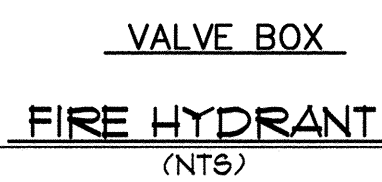
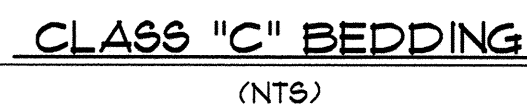
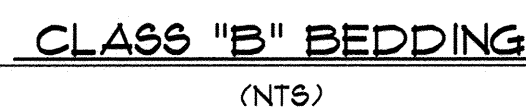
NOTE: FILTER FABRIC MAY ALSO BE ATTACHED TO THE POST BY WIRE, CORDS, AND POCKETS.



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.

FASTENERS FOR SILT FENCE



1. VAULT SHALL BE PRECAST REINFORCED CONCRETE WITH A MINIMUM THICKNESS OF AT LEAST 6".
2. VAULT BOTTOM 4" POURED CONCRETE SLAB, SLOPED TO GRAVEL SUMP (12"x12"). SLAB TO BE POURED ON 16" OF NO. 57 COMPACTED STONE.
3. VAULT TOP SHALL BE REINFORCED CONCRETE WITH 36"x36" ACCESS OPENING, OFFSET TO ONE SIDE.
4. ACCESS LADDER DOWNED TO WALL AND CENTERED AT ACCESS OPENING.
5. HATCH COVER: BILCO-ALUMINUM SINGLE MODEL # 404L OR EQUIVALENT.
6. VAULT INLET/OUTLET PIPE OPENINGS TO BE SEALED WITH GROUT OR MORTAR; PIPE MUST NOT SUPPORT LOAD.
7. SFP DEVICES TO BE SUPPORTED AT TWO POINTS WITH PIPE STAND.
8. THRUST BLOCKING (AS REQUIRED) SHALL BE IN ACCORDANCE WITH ALL PIPE SPECIFICATIONS.
9. THRUST THE ROOF SHALL BE BITUMINOUSLY COATED AND ALL PIPE AND FITTINGS OF DUCTILE IRON.
10. 12"x12" WEEP HOLE WITH #57 STONE
11. 3" BACKFLOW PREVENTER WITH STRAINER.
(WAITS REGULATOR SERIES 709 0.4A)
12. 2" DRAIN OUTLET TO GRAVEL SUMP ASSEMBLY
(WAITS REGULATOR SERIES 709DCA 0.4A C.)
(METTER BY CITY OF CLARKESVILLE AT OWNER'S EXPENSE)
14. 6"x3" DIP REDUCING ELB.
15. 8"x6" TEE



NO.	DATE	DESCRIPTION	BY
0			
1	02/07/2018	REVISED BUILDING FOOTPRINT	TC
2			
3			
4			
5			
6			

CONSTRUCTION DETAILS

924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

RELEASED FOR CONSTRUCTION



Travis Fulton & Associates, Inc.

DATE: 08/17/2017

SCALE: N/A

CN:170063DT?

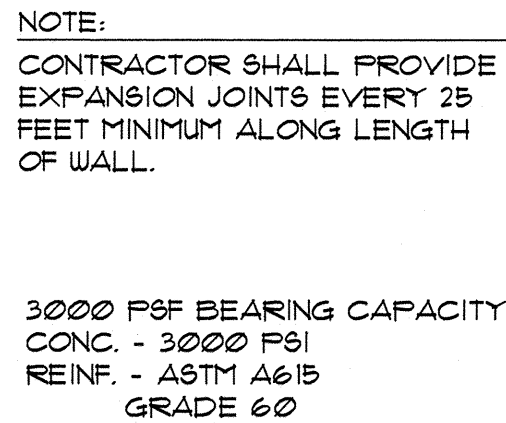
CN:170067DT2

LSV: DETAILS6

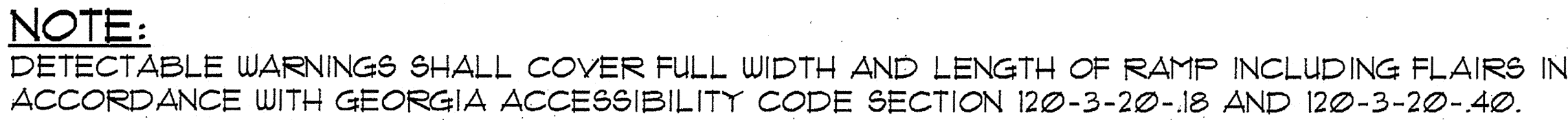
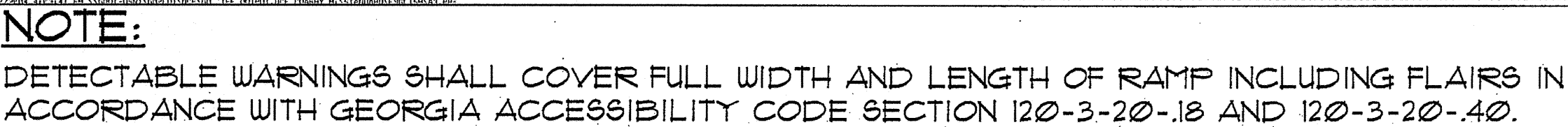
JN: 17-0067

FN: 162-D-041

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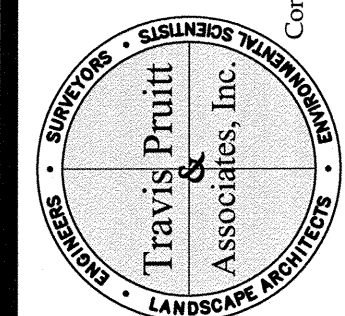


RETAINING WALL
NOT TO SCALE



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4317 Park Drive, Suite 400
Norcross, Georgia 30093
Phone: (770)416-7511
Fax: (770)416-6759
www.travispruitt.com



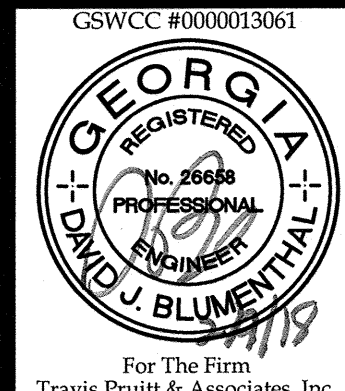
CONSTRUCTION DETAILS

924 NORTHSIDE DR. STORAGE

CONSTRUCTION DETAILS

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

RELEASED FOR CONSTRUCTION



For The Firm
Travis Pruitt & Associates, Inc.

DATE: 08/17/2017
SCALE: N/A
CN: 170067DT2
LSV: DETAILS7
JN: 17-0067
FN: 162-D-041

Sheet No. C13.7

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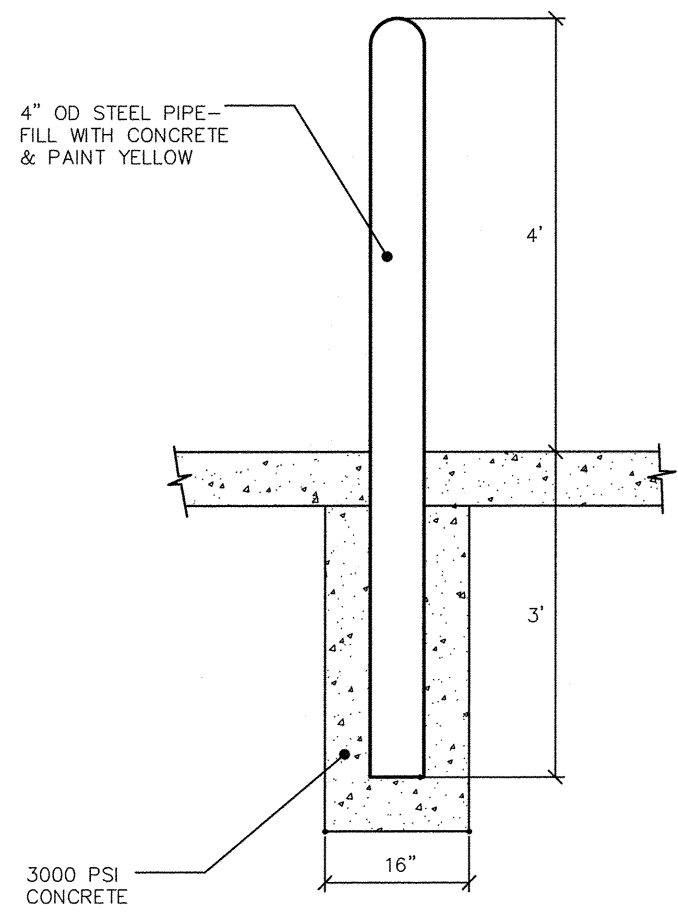
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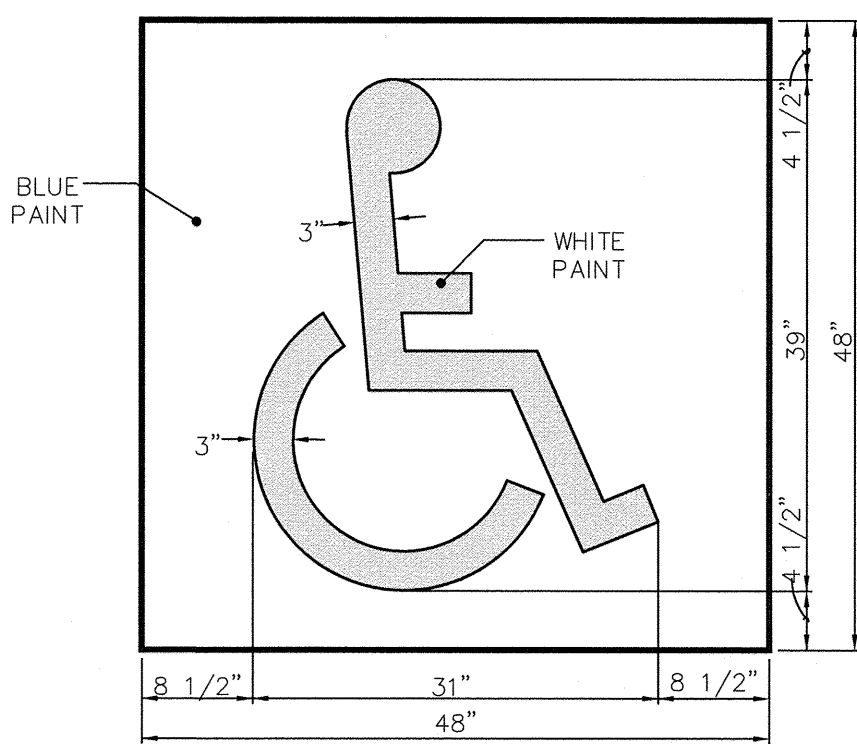
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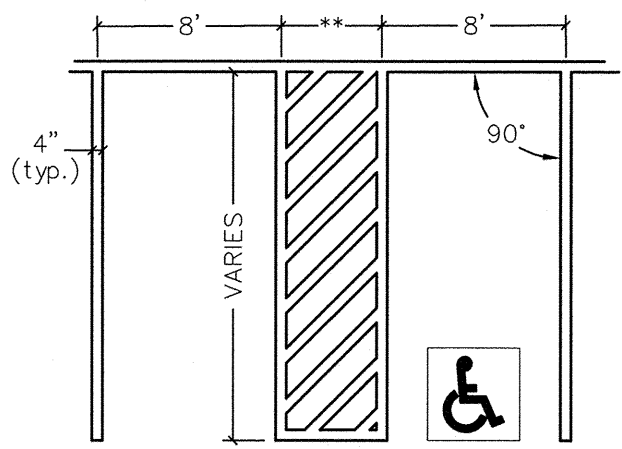
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BOLLARD
(NTS)



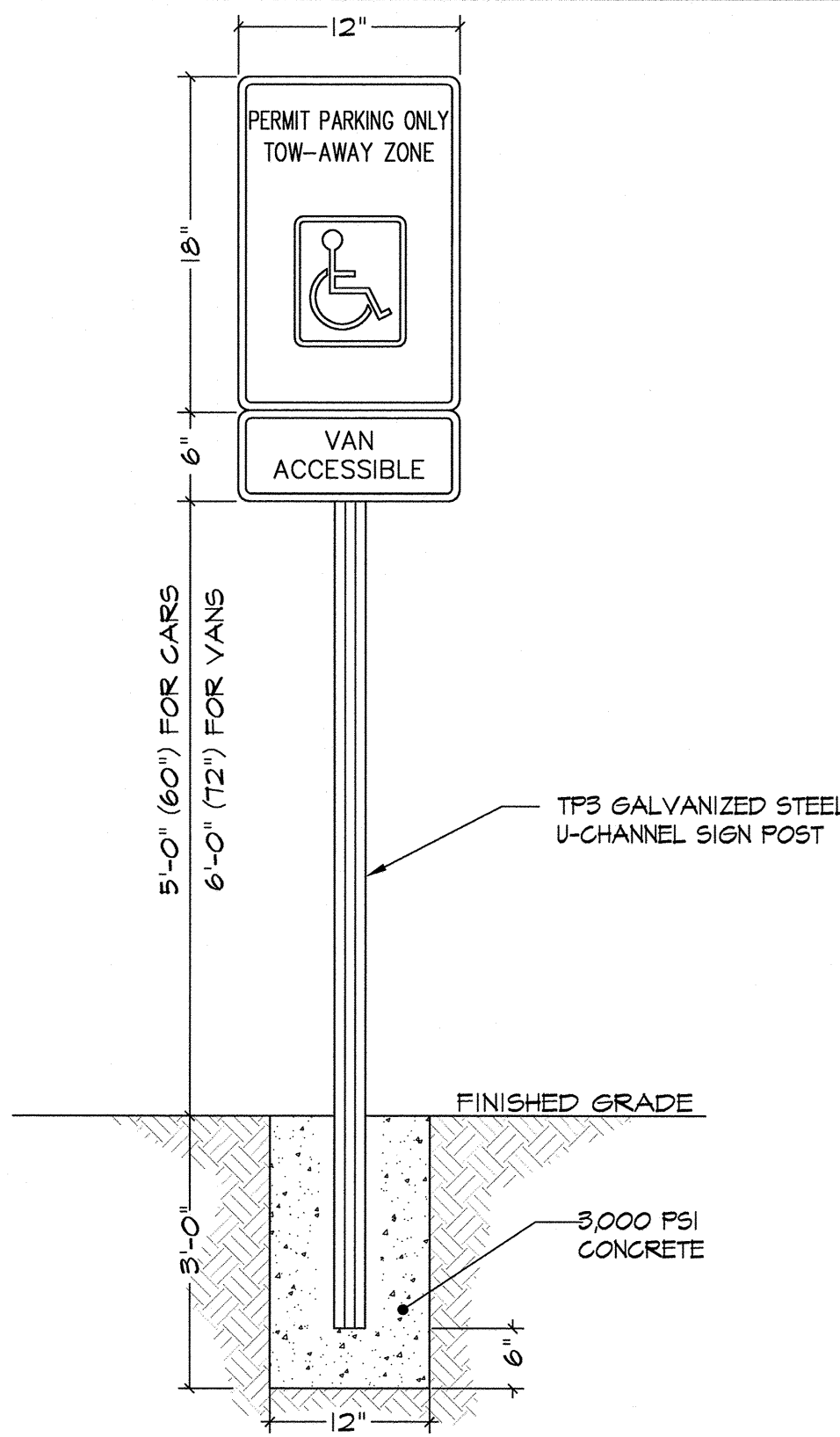
HANDICAP SYMBOL / PAVEMENT DETAIL
NOT TO SCALE



** USE 5' WIDE LOADING ZONE FOR ALL HANDICAP PARKING SPACES UNLESS NOTED AS "VAN ACCESSIBLE". USE 8' WIDE FOR "VAN ACCESSIBLE" SPACES. HANDICAP SPACE STRIPING TO BE WHITE PAINT

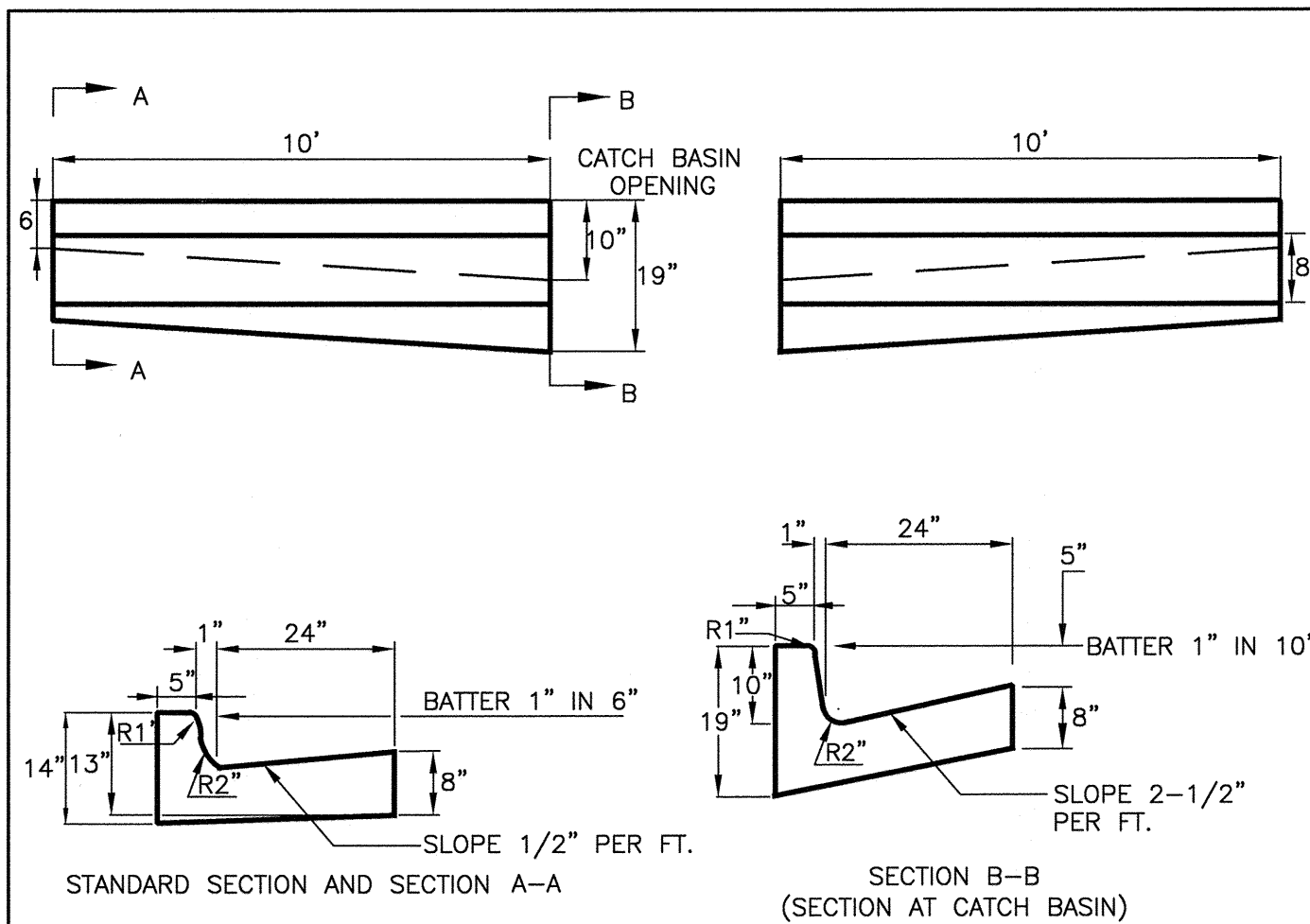
90° STALL

TYPICAL PARKING STRIPING
(NTS)



- NOTES:
- SIGN TO COMPLY WITH LATEST EDITION OF ADA STANDARDS FOR ACCESSIBLE DESIGN, THE GEORGIA ACCESSIBILITY CODE FOR BUILDINGS AND FACILITIES, AND GEORGIA D.O.T. SPECIFICATIONS.
 - ALL BORDERS AND LETTERING SHALL BE WHITE ON BLUE BACKGROUND.
 - PROVIDE "VAN ACCESSIBLE" SIGN ONLY FOR VAN ACCESSIBLE SPACES.

AERIAL HANDICAP SIGN
NOT TO SCALE



NOTES:

- SECTIONS, WHERE DIRECTED BY THE ENGINEER, MAY BE CONSTRUCTED IN UNIFORM LENGTHS OF TWENTY (20) FEET ON TANGENT, LENGTH MAY BE REDUCED FOR CLOSURE AND AT CORNERS TO NOT LESS THAN SIX(6) FEET.
- BASIS OF PAYMENT: PER LINEAR FOOT (INCLUDING VARIABLE HEIGHT CURB)
- CONCRETE CURB AND GUTTER IN ACCORDANCE WITH GEORGIA STATE HIGHWAY SPECIFICATIONS SECTION 441 (2001 EDITION)
- SEE STD. CURB CATCHBASIN-NO.CB-1 & CB-2

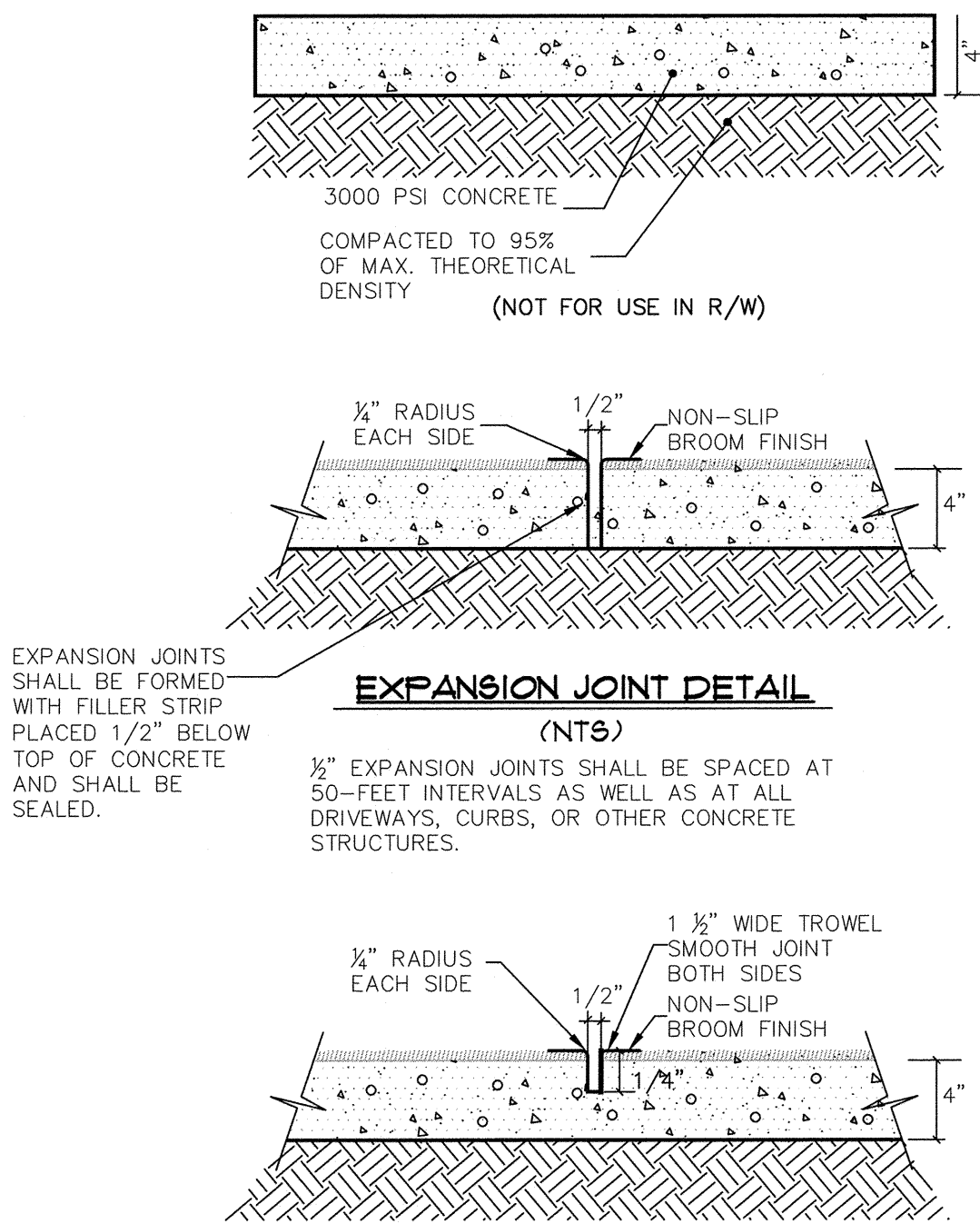
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STANDARD DETAILS

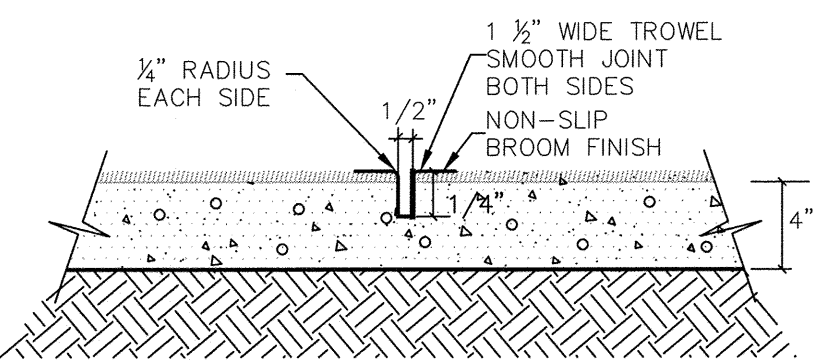
CONCRETE CURB AND GUTTER

REV. DATE: SEPT 2011
ORIG. DATE: JAN 1997
SCALE: N.T.S.
DETAIL NO. TR-B_CG001



EXPANSION JOINT DETAIL
(NTS)

1/2" EXPANSION JOINTS SHALL BE SPACED AT 50'-FEET INTERVALS AS WELL AS AT ALL DRIVEWAYS, CURBS, OR OTHER CONCRETE STRUCTURES.

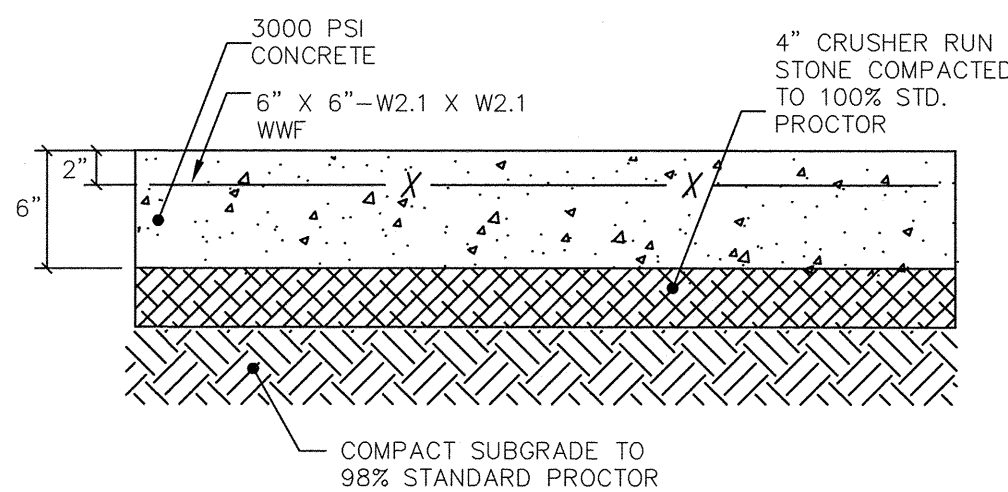


CONTRACTION JOINT DETAIL
(NTS)

NOTES:

- CONTRACTION JOINTS SHALL BE SPACED AT INTERVALS THAT ARE EQUAL TO THE SIDEWALK WIDTH (I.E. 4'-0" INTERVALS FOR 4' WIDE SIDEWALKS)
- FOR 10' SIDEWALKS, SPACE CONTRACTION JOINTS AT 5'-0" INTERVALS WITH A LONGITUDINAL CONTRACTION JOINT IN THE CENTERLINE OF SIDEWALK.
- WHEN SIDEWALKS ABUT ROADWAY WHERE THERE IS NO CURB, THICKEN WALK TO 6" IN 3'-0".
- A LAYER OF 15# BLDG. FELT IS REQUIRED BETWEEN WALK AND ADJACENT PARALLELING CONC. CURB.
- SIDEWALK CROSS SLOPE SHALL BE 1/4" PER FOOT.

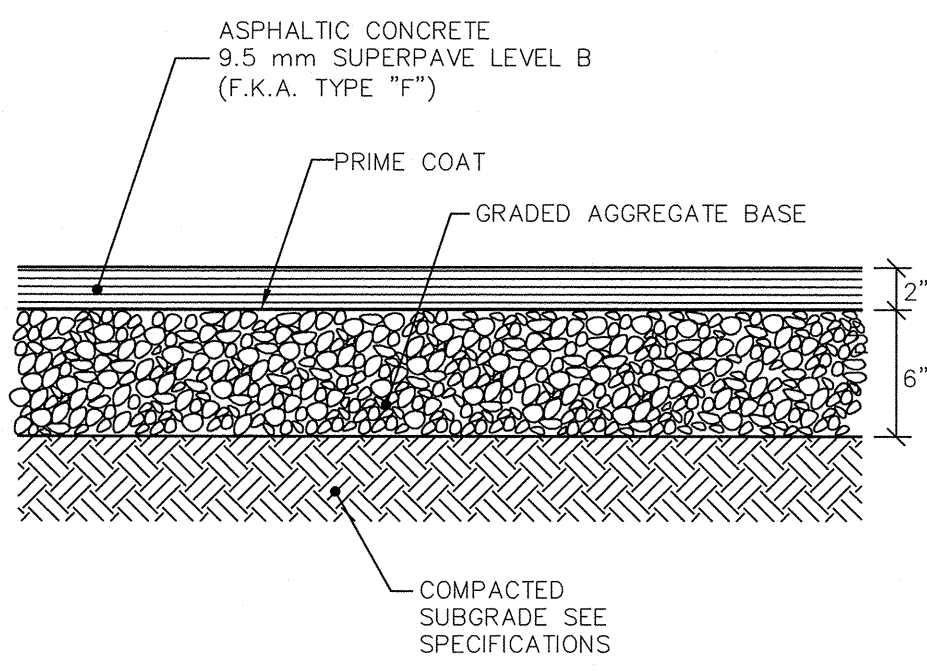
CONCRETE SIDEWALK DETAIL
(NTS)



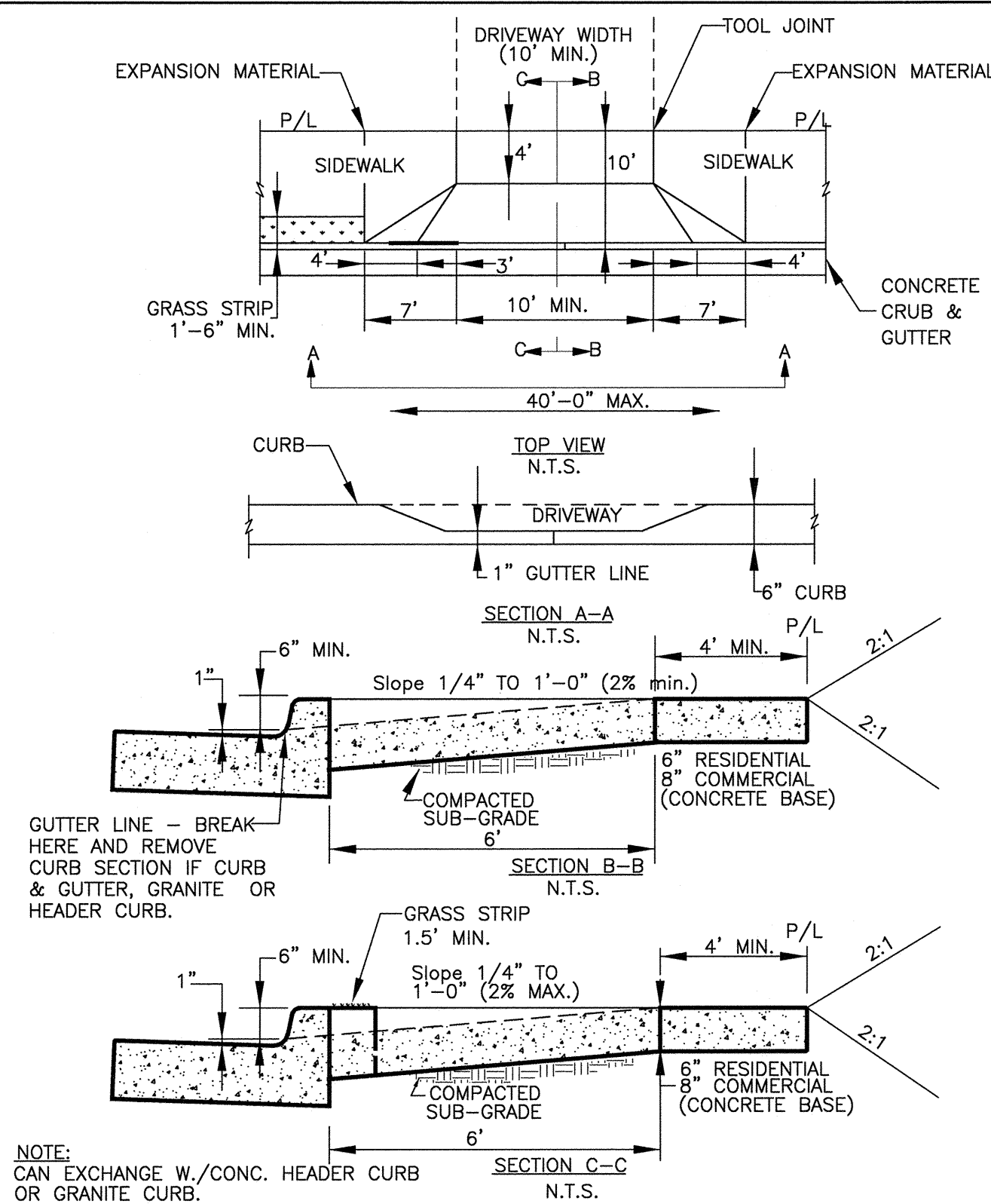
NOTES:

- PROVIDE CONTRACTION JOINTS IN RECTANGULAR PATTERN AT 10' MAX. SPACING.
- CONTRACTION JOINTS SHALL BE ONE AND ONE-HALF INCH DEEP AND EDGED WITH A 1/8" RADIUS.
- 1/2" EXPANSION MATERIAL REQUIRED WHERE CONCRETE PAVEMENT ABUTS CONCRETE STRUCTURE.

CONCRETE PAVEMENT
(NTS)



ASPHALT PAVEMENT
(NTS)



NOTE:
CAN EXCHANGE W./CONC. HEADER CURB OR GRANITE CURB.

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STANDARD DETAILS

STANDARD DRIVEWAY DETAIL

REV. DATE: MAY 2016
ORIG. DATE: NOV 2004
SCALE: N.T.S.
DETAIL NO. TR-B_DR005

CONSTRUCTION DETAILS

924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

GSWCC #0000013061

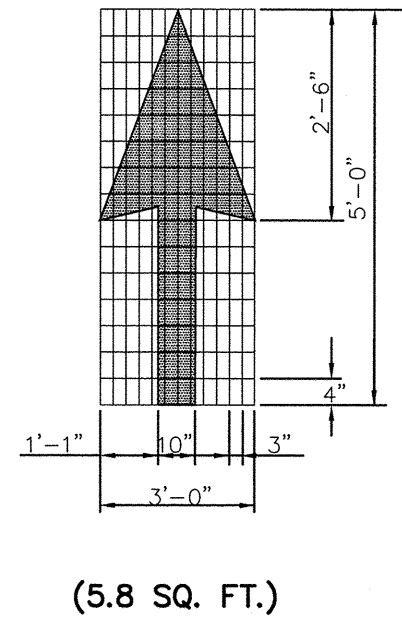
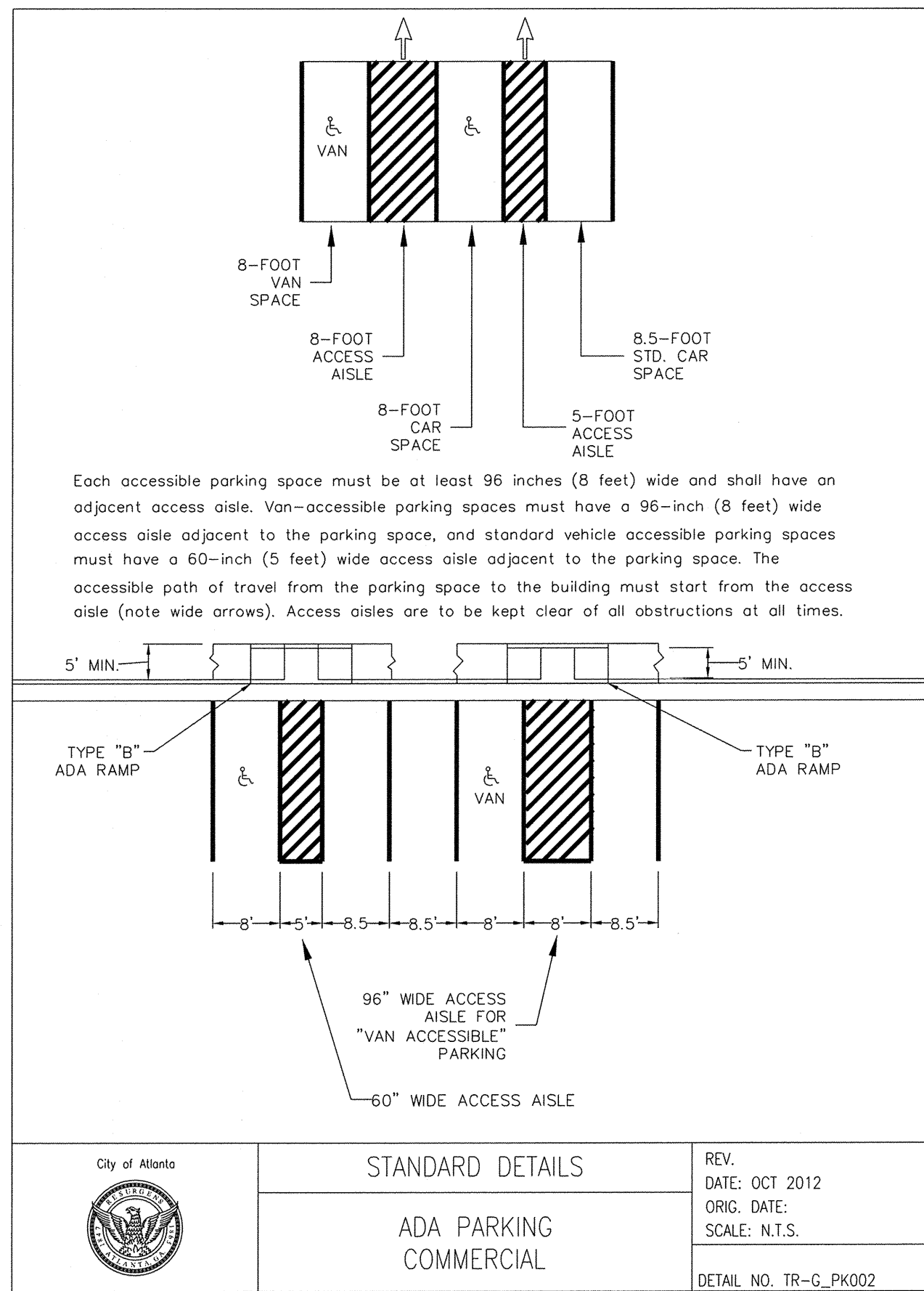
REGISTERED PROFESSIONAL ENGINEER

For The Firm
Travis Pruitt & Associates, Inc.

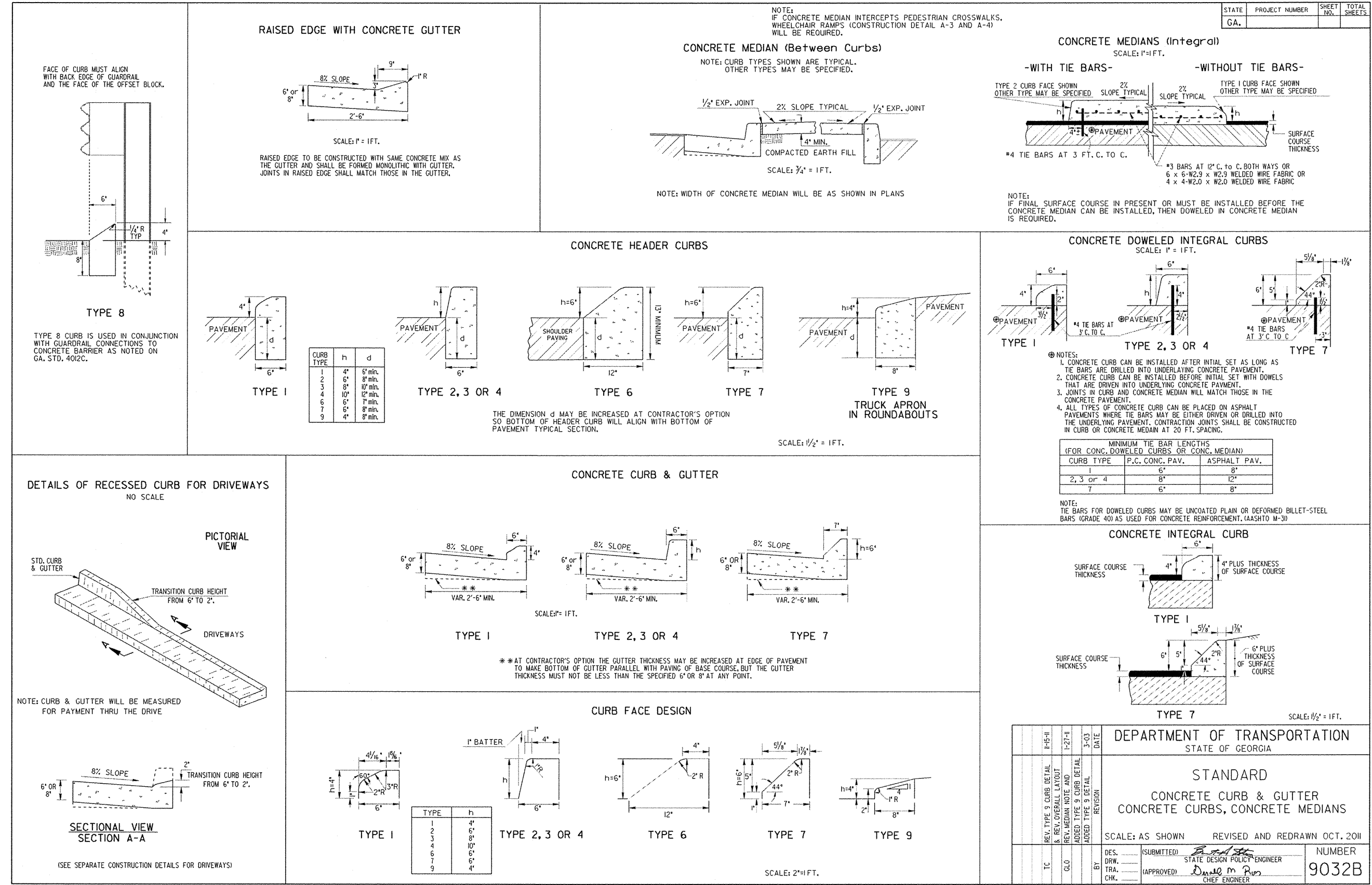
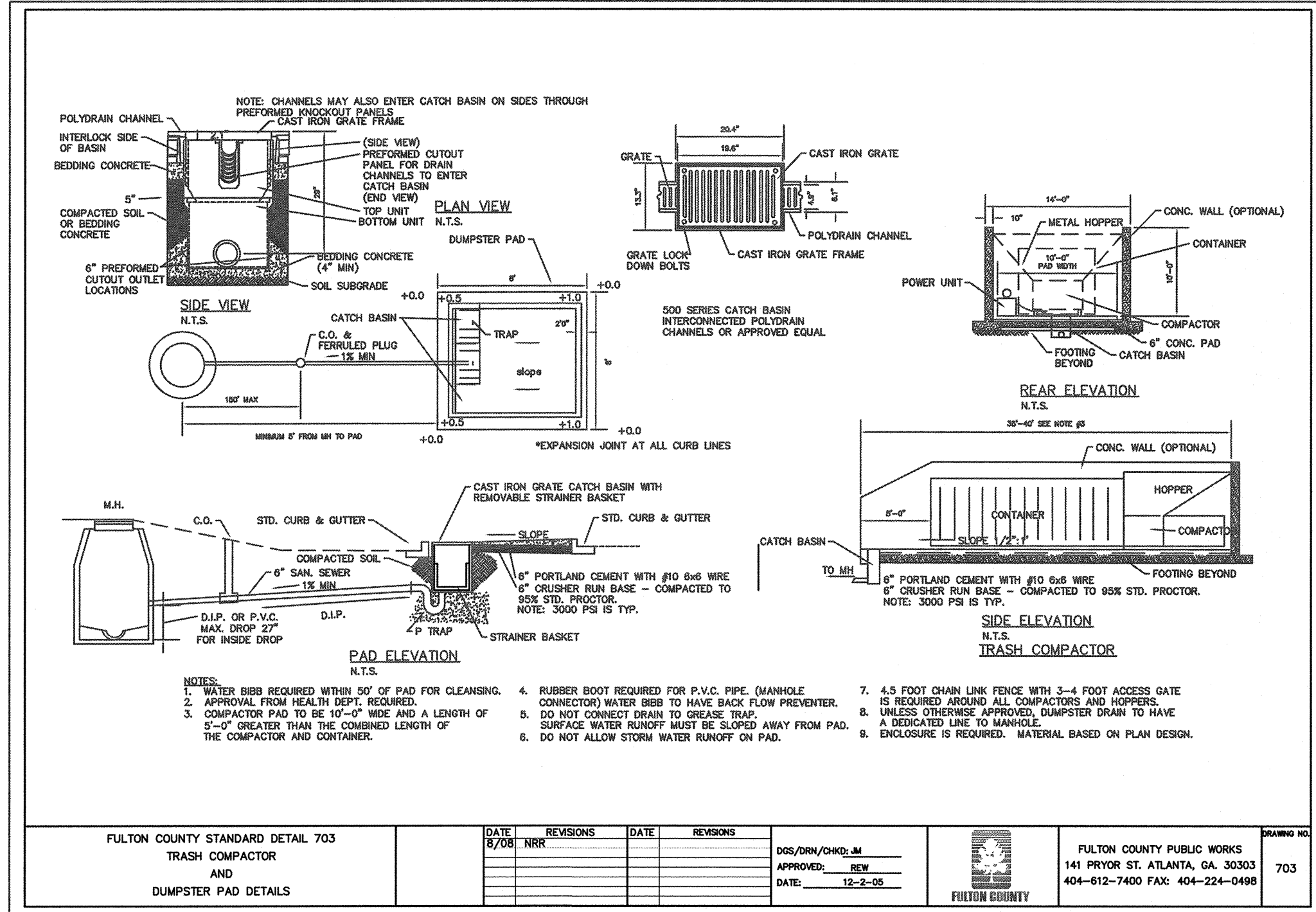
DATE: 08/17/2017
SCALE: N/A
GN: 170067DT2
LSV: DETAILSB
JN: 17-0067
FN: 162-D-041

Sheet No. C13.8

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TRAFFIC ARROW
(NTS)



NOTES:

1. SIDEWALK SHALL BE SCRIBED WITH TRANSVERSE CONTROL JOINTS IN SQUARES EQUAL TO SIDEWALK WIDTH BUT NOT TO EXCEED 10 FEET.
2. CONCRETE SHALL BE TYPE "A" 3,000 P.S.I. MIN. STRENGTH.
3. EXPANSION JOINTS SHALL EXTEND ACROSS THE FULL WIDTH OF THE SIDEWALK. CONTROL JOINTS SHALL BE LOCATED ON EACH SIDE OF A DRIVEWAY AND NOT MORE THAN 100 FEET APART.
4. PREFORMED BITUMINOUS MATERIAL SHALL BE PLACED BETWEEN ALL FIXED OBJECTS AND THE NEW CONCRETE SIDEWALK.
5. ALL CONCRETE WORK SHALL BE PER CITY OF ATLANTA STANDARD SPECIFICATIONS FOR CONSTRUCTION.

SCALE: AS DIMENSIONED
DATE: JANUARY 1, 1999
DESIGNED: C.C.
CHECKED: I.M.
DRAWN: T.J.
REVISIONS:

CITY OF ATLANTA
DEPARTMENT OF PUBLIC WORKS
TECHNICAL SERVICES DIVISION
STANDARD SIDEWALK AND
CONCRETE HEADER CURB

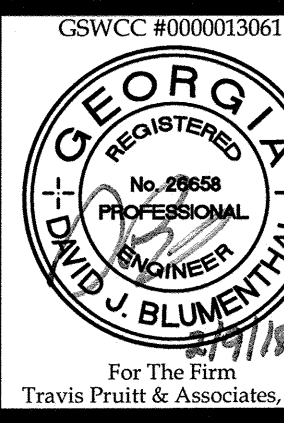
SW-1

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CONSTRUCTION DETAILS

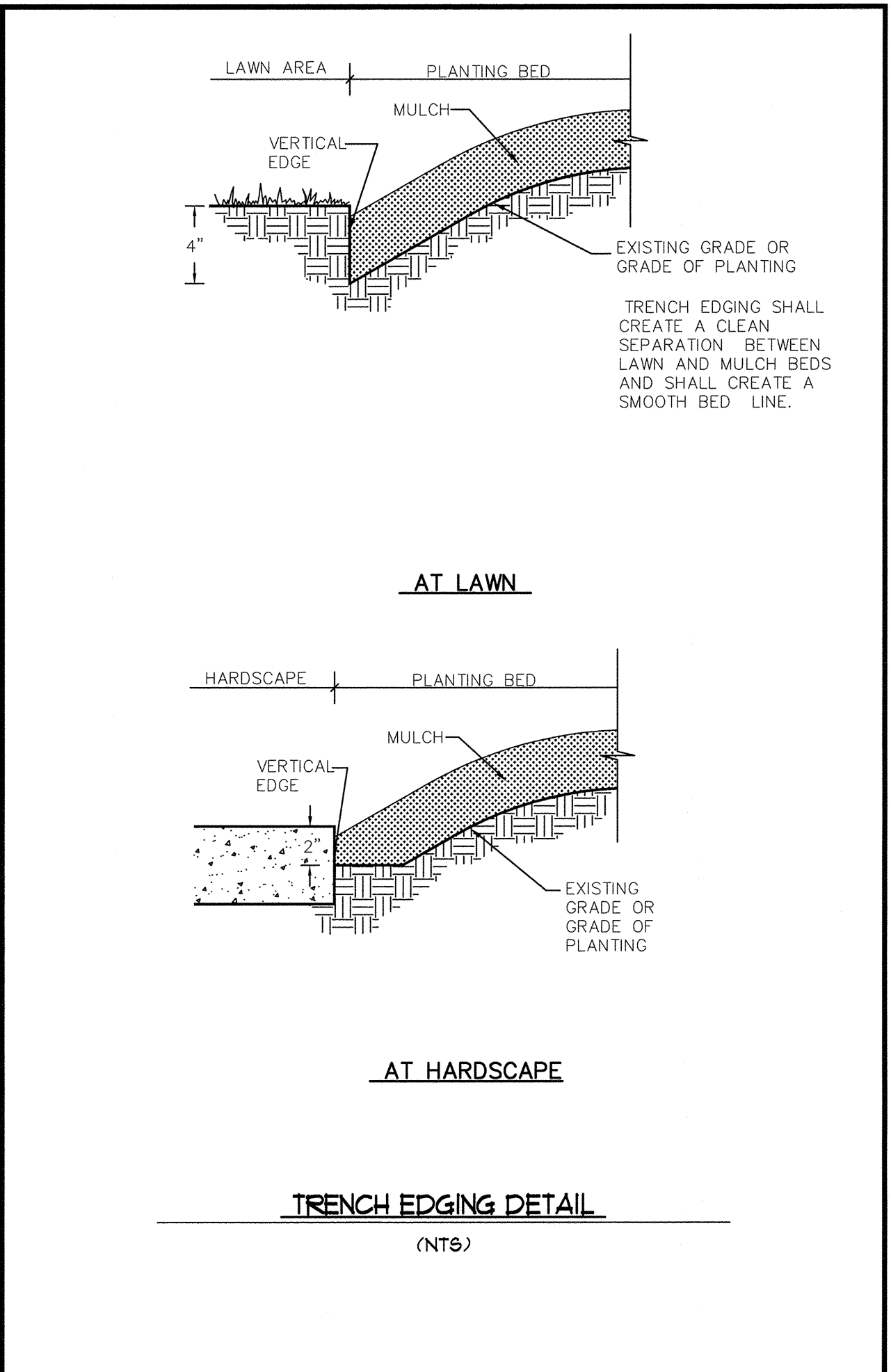
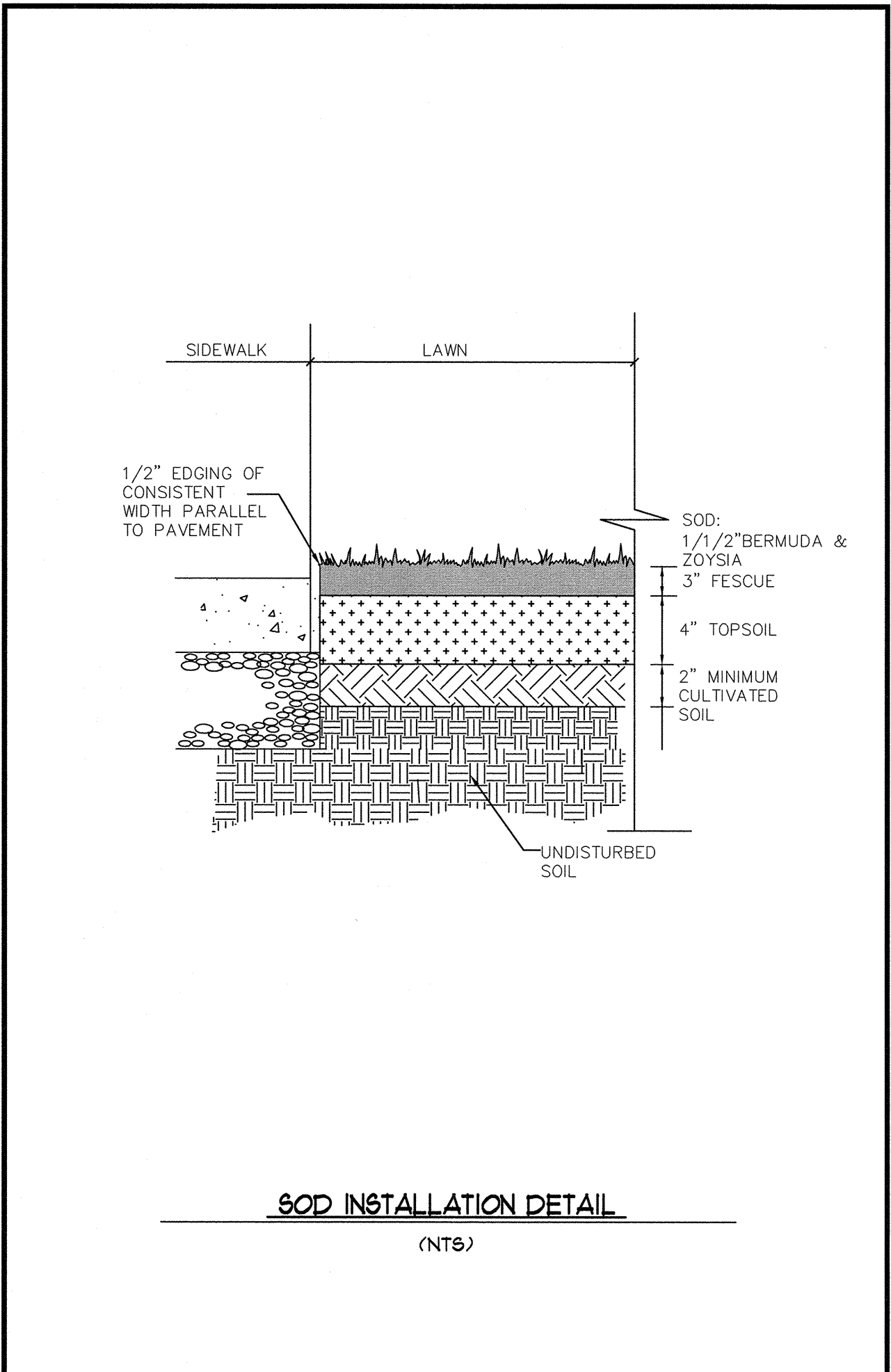
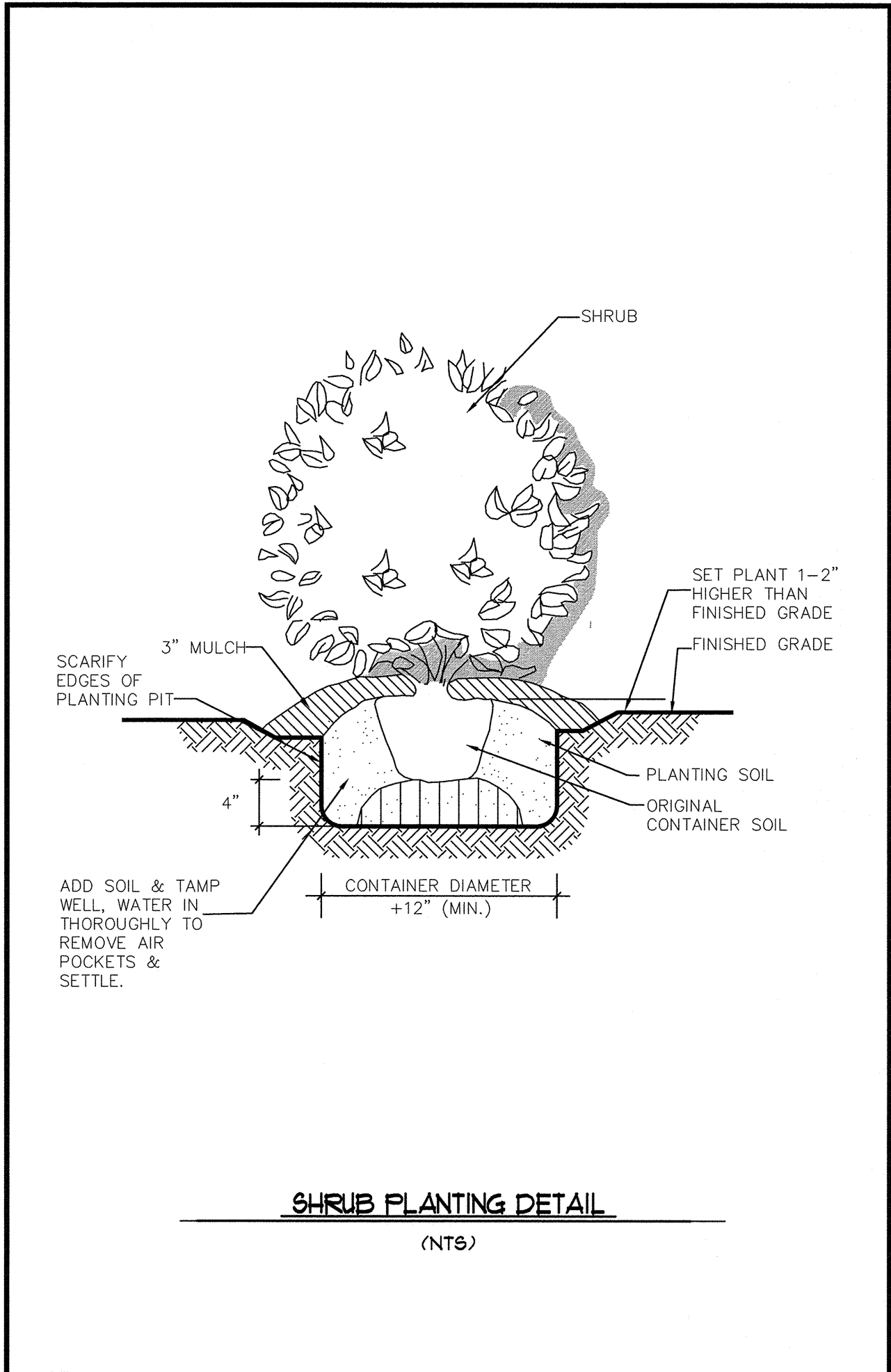
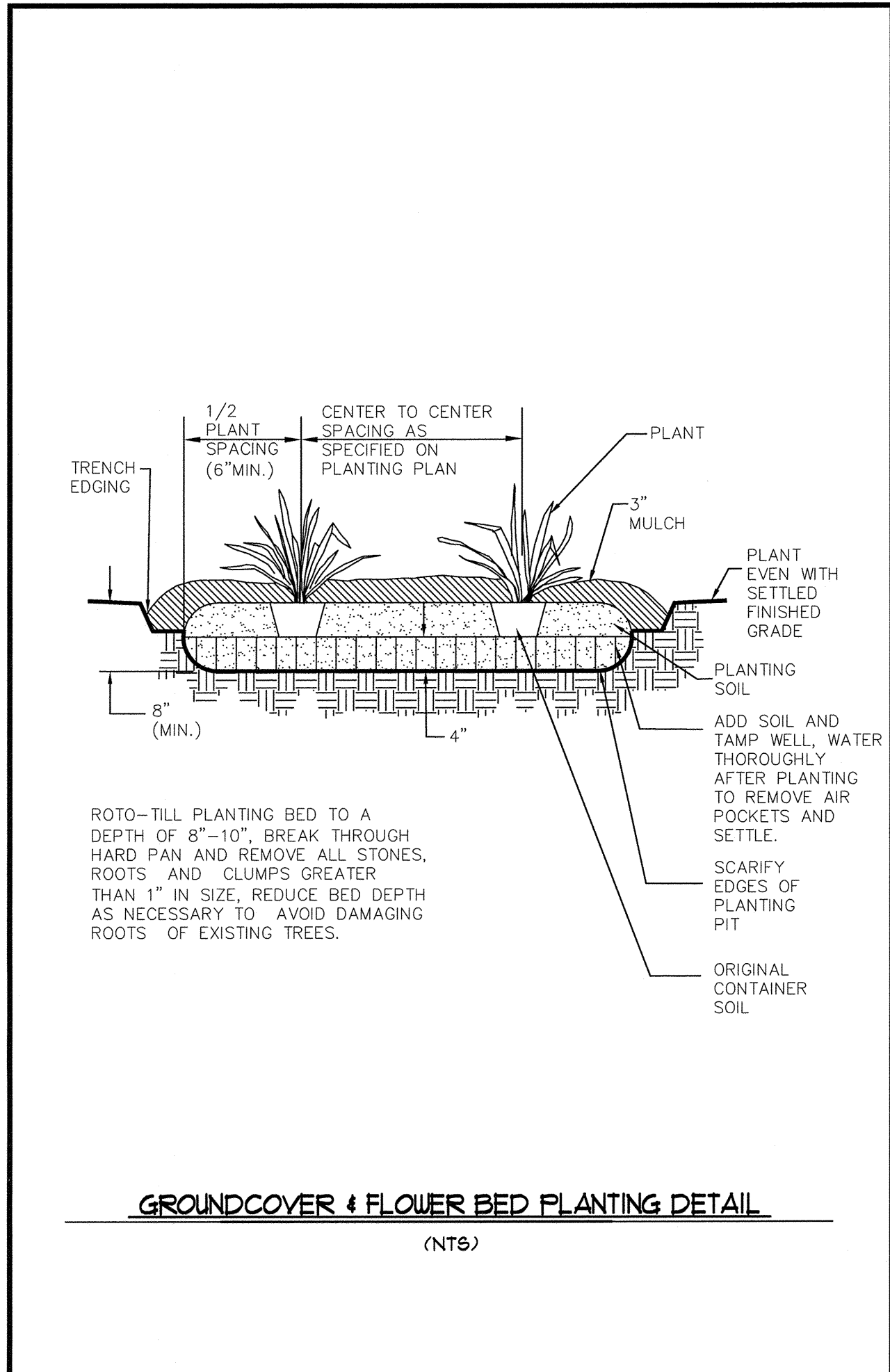
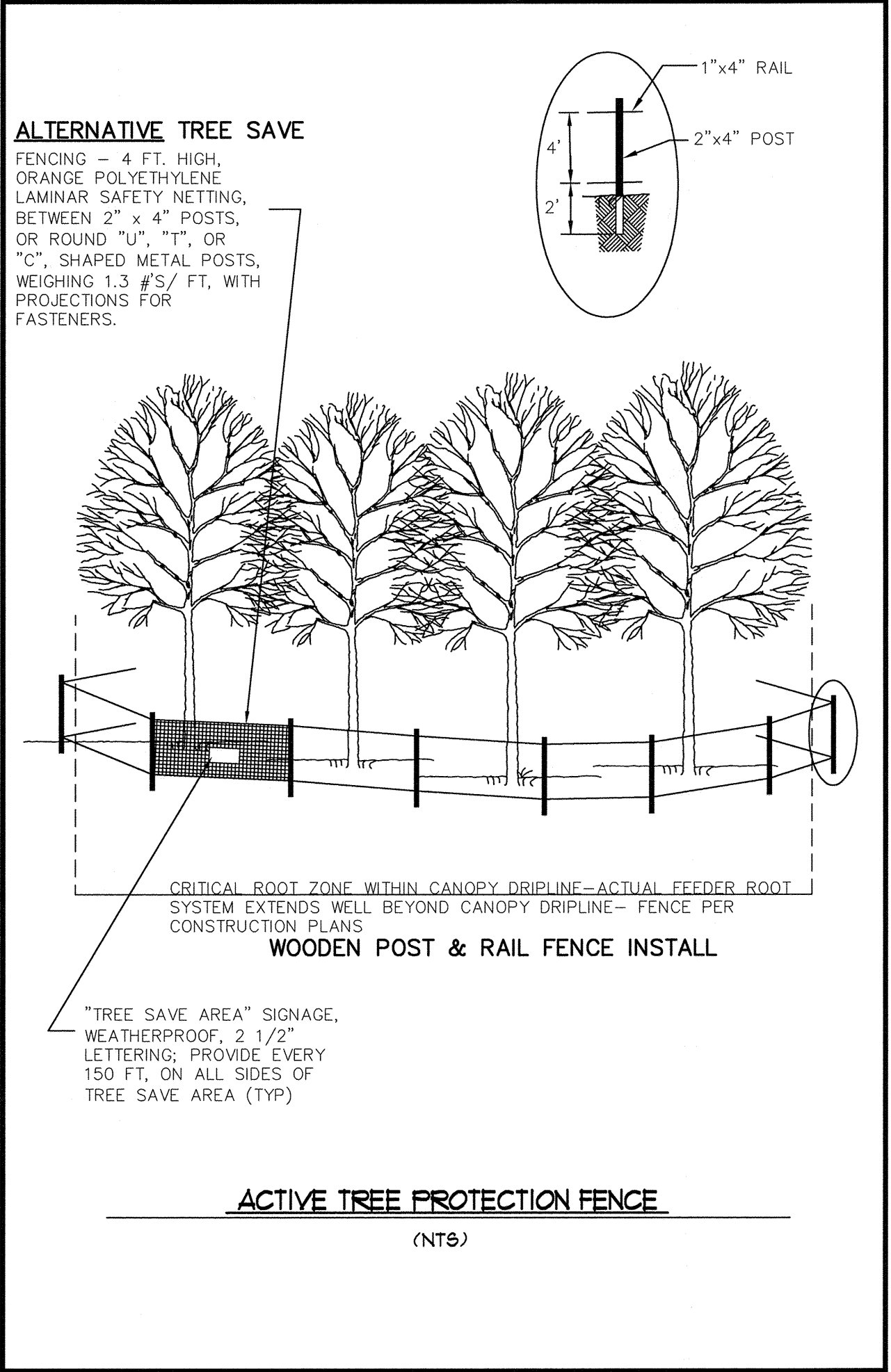
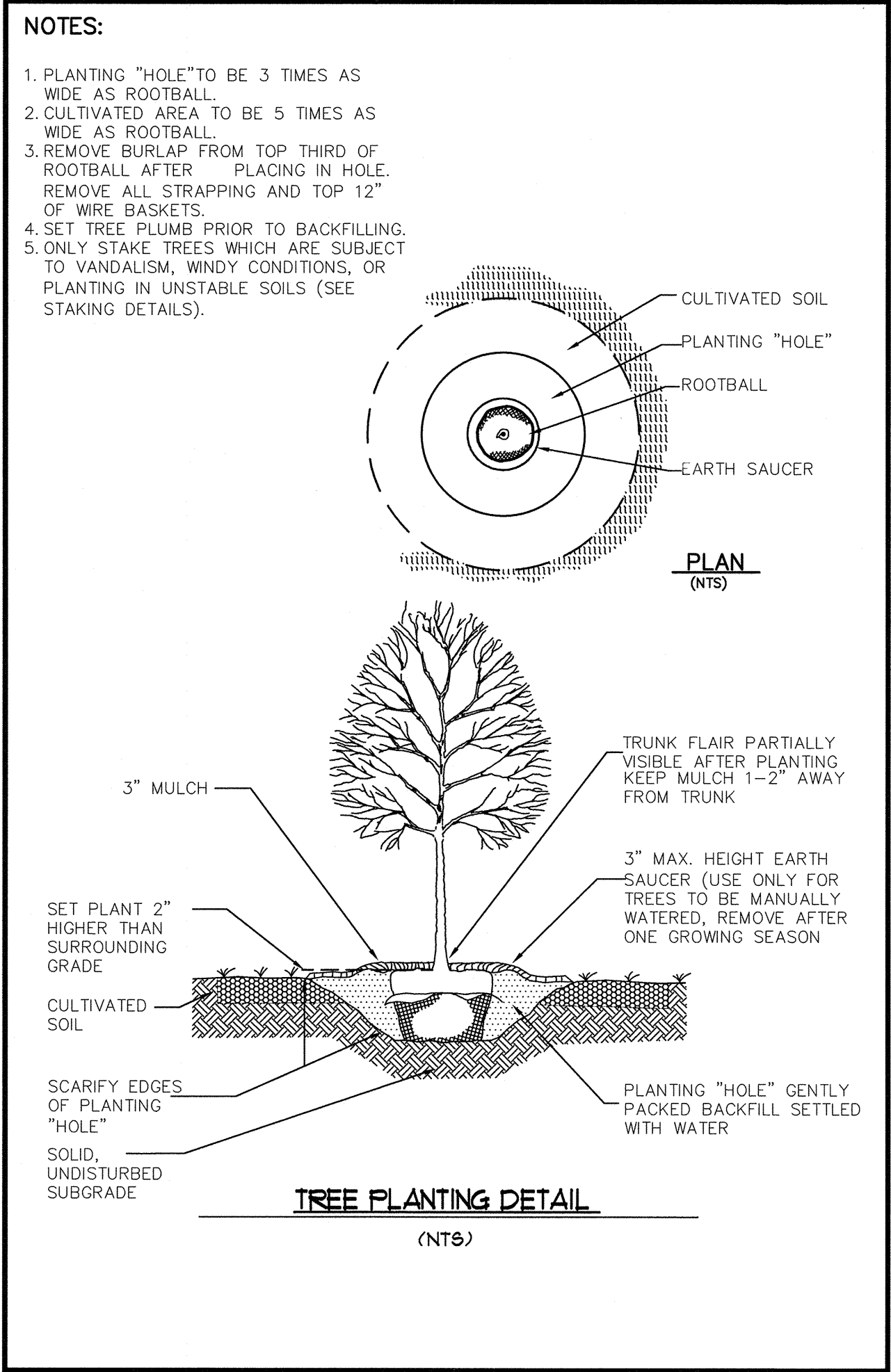
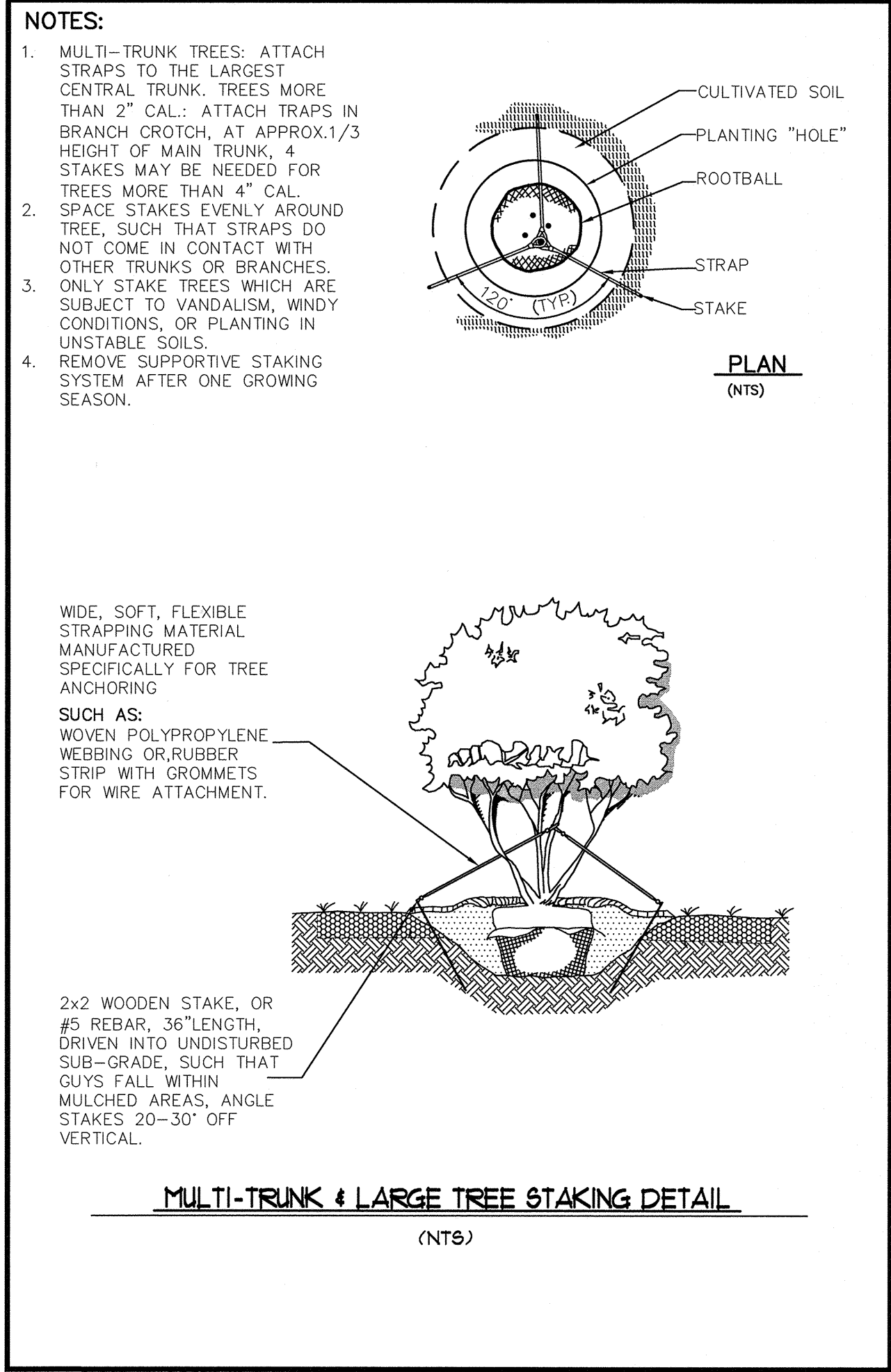
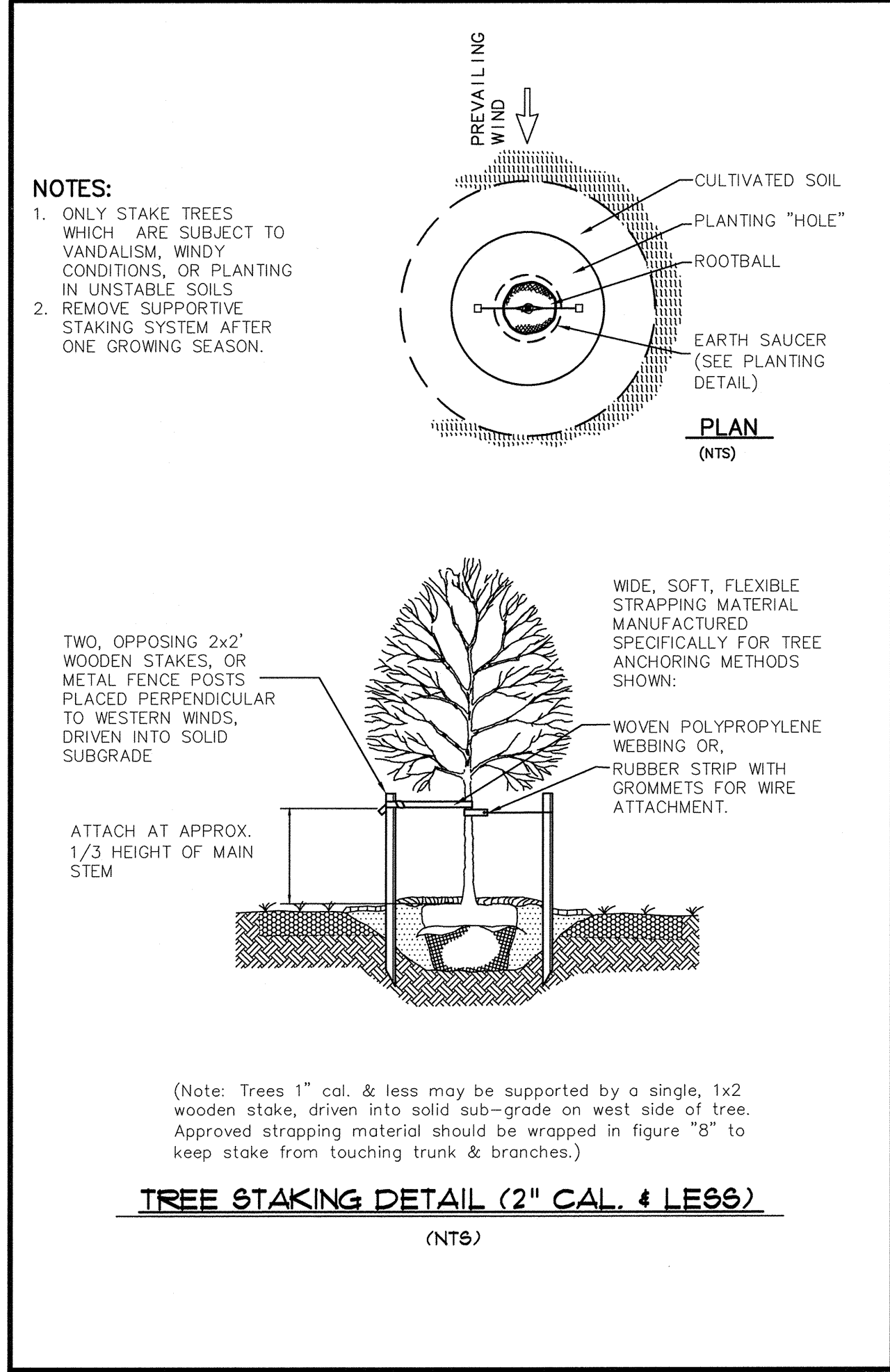
924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA



DATE: 08/17/2017
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DN: 170067DT2
LSV: DETAILS2
JN: 17-0067
FN: 162-D-041
Sheet No. C139

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Norcross, Georgia 30093
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Fax: (770)416-6759
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Contact Person: David Blumenthal

Travis Pruitt & Associates, Inc.
REGISTERED PROFESSIONAL ENGINEER
No. 26658
David J. Blumenthal, P.E.

CONSTRUCTION DETAILS

924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

CSWCC #0000013061

GEORGIA
REGISTERED PROFESSIONAL ENGINEER
No. 26658
David J. Blumenthal, P.E.

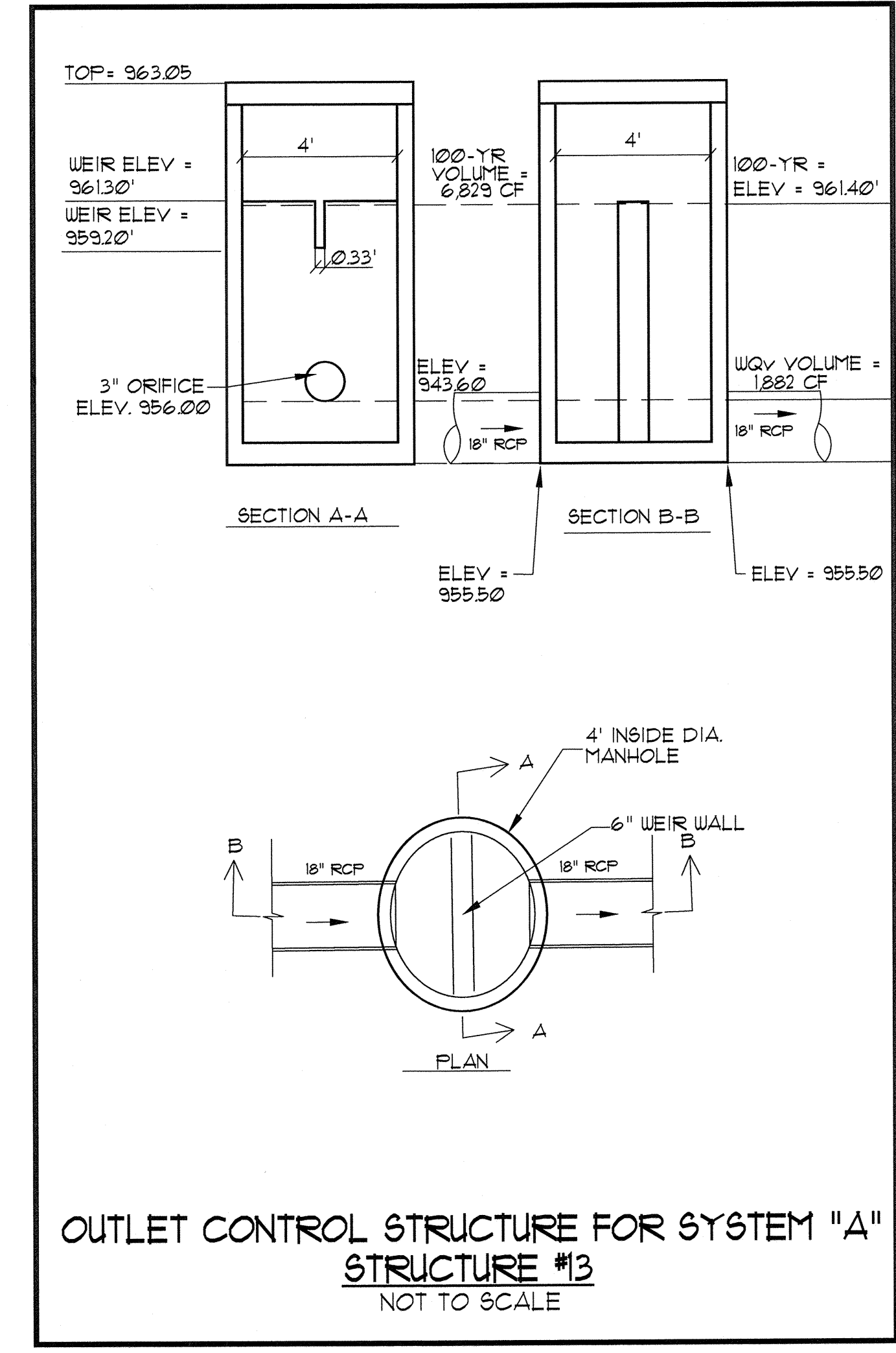
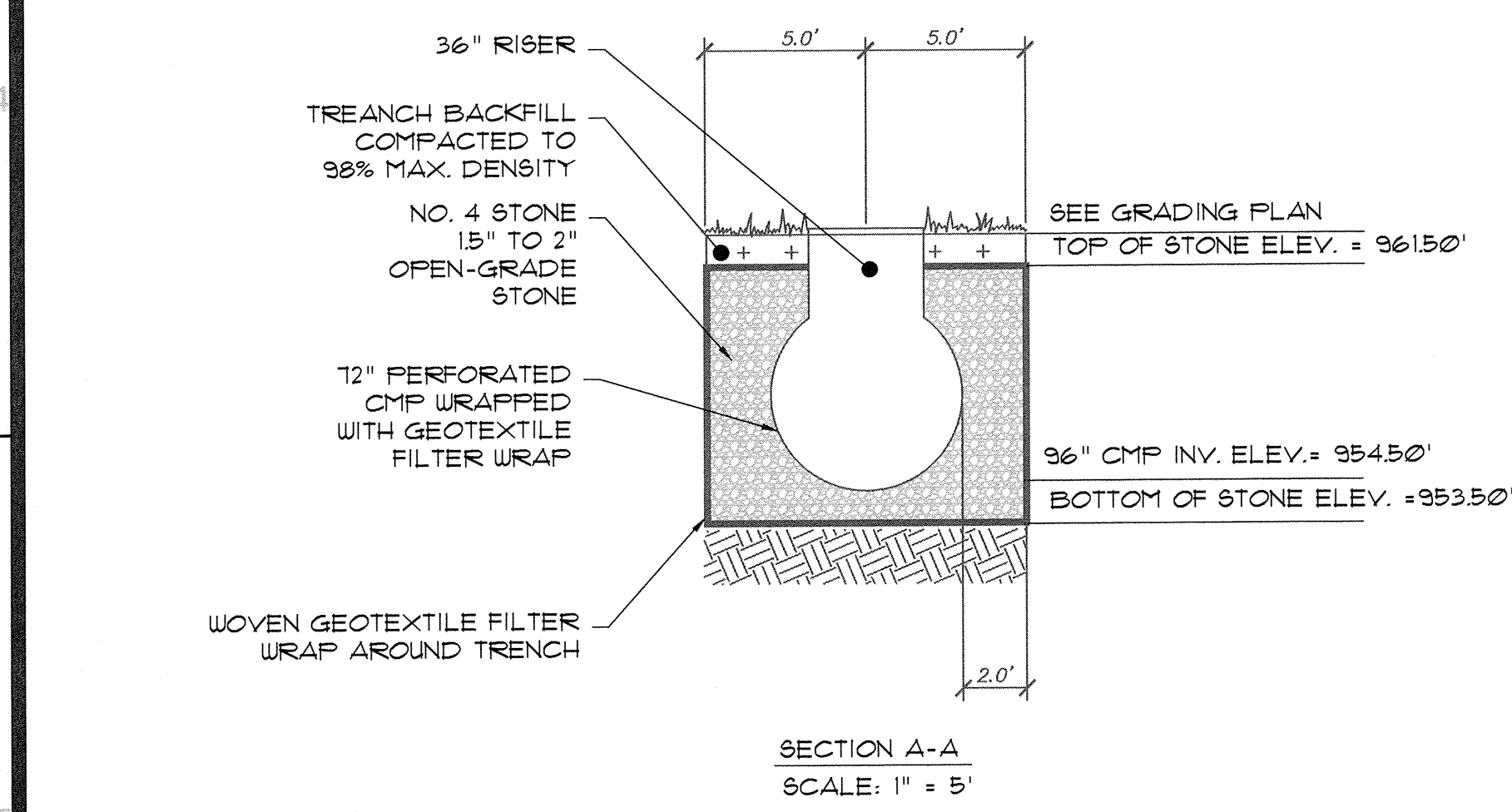
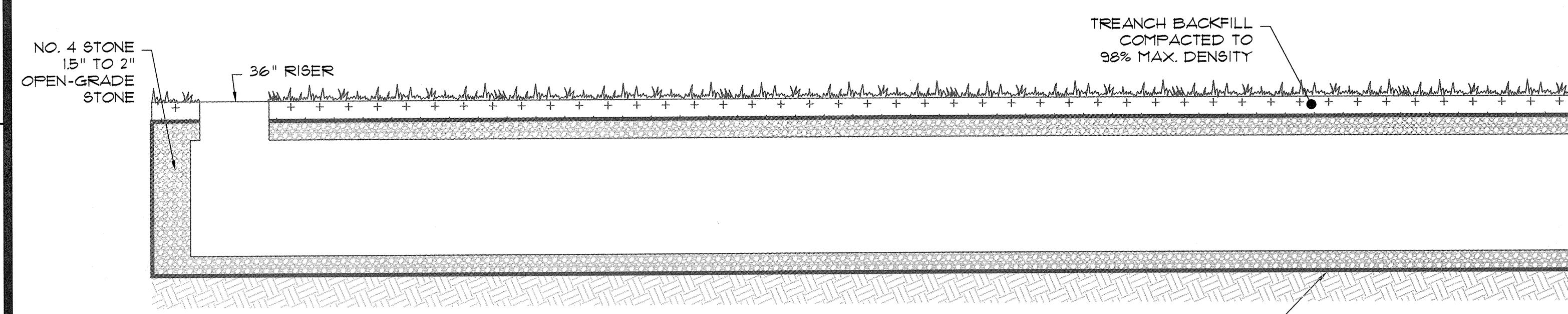
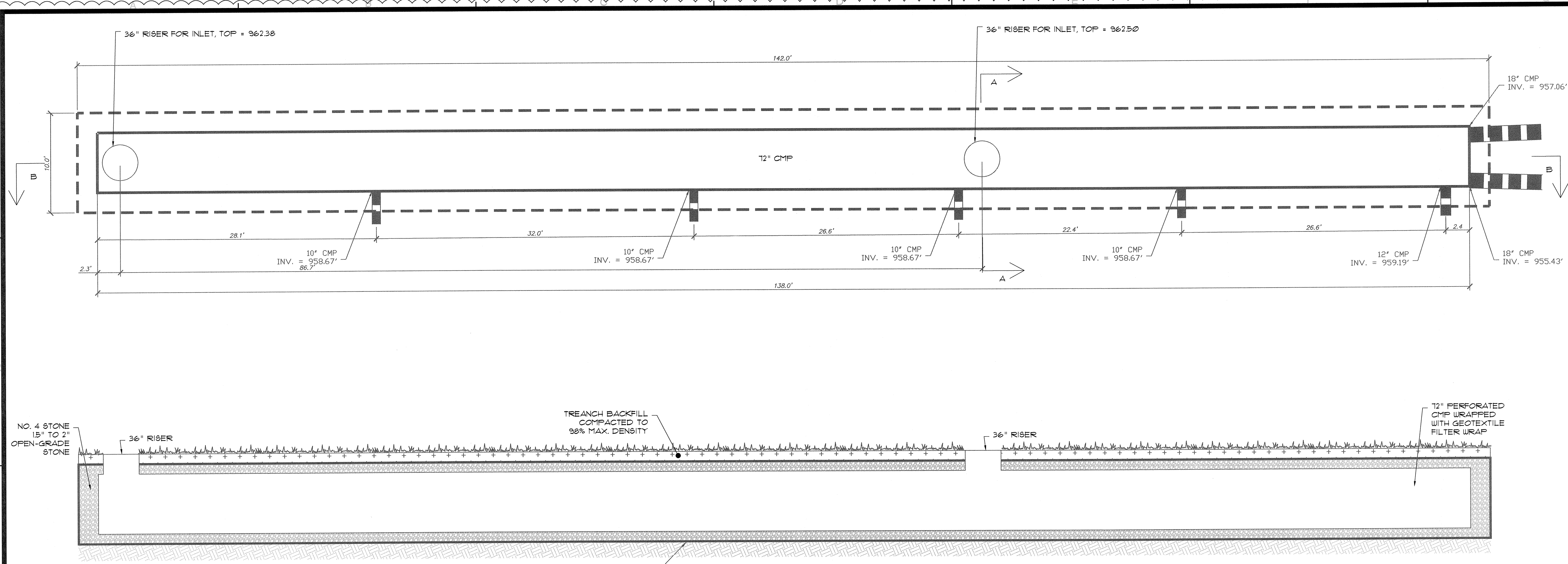
For The Firm
Travis Pruitt & Associates, Inc.

DATE: 08/17/2017
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ENGINEERS • LANDSCAPE ARCHITECTS

924 NORTHSIDE DR. STORAGE

LAND LOTS 149 AND 150, 17TH DISTRICT, CITY OF ATLANTA, FULTON COUNTY, GEORGIA

CSWCC #0000013061

GEORGIA
REGISTERED
No. 29658
Professional Engineer
DAVID BLUMENTHAL

For The Firm
Travis Prutt & Associates, Inc.

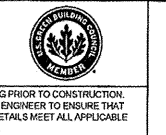
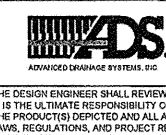
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FN: 162-D-041

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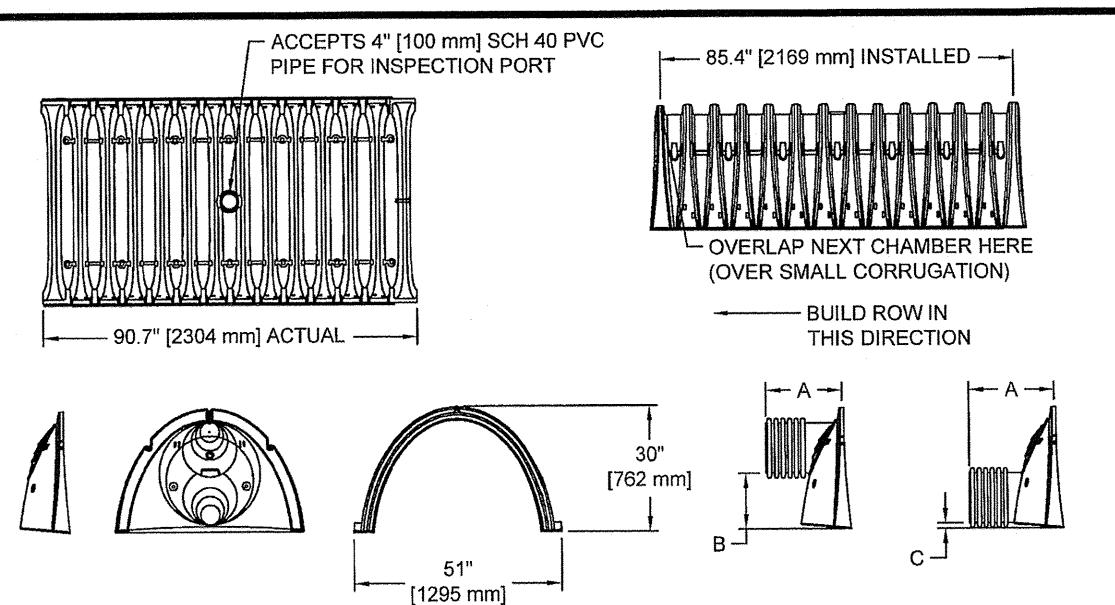
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STORMWATER CHAMBER SPECIFICATIONS

- CHAMBERS SHALL BE STORMTECH SC-740, SC-310 OR APPROVED EQUAL.
- CHAMBERS SHALL BE MANUFACTURED FROM VIRGIN POLYPROPYLENE OR POLYETHYLENE RESINS TESTED USING ASTM STANDARDS.
- CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORT PANELS.
- STORMTECH SC-740 & SC-310 CHAMBERS COMPLY WITH AASHTO HS-20 LOAD REQUIREMENTS. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12 ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCE.
- ONLY CHAMBERS THAT ARE APPROVED BY THE ENGINEER WILL BE ALLOWED. THE CONTRACTOR SHALL SUBMIT (3 SETS) OF THE FOLLOWING TO THE ENGINEER FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE:
 - A STRUCTURAL EVALUATION BY A REGISTERED STRUCTURAL ENGINEER THAT DEMONSTRATES THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12 ARE MET. THE 50-YEAR CREEP MODULUS DATA SPECIFIED IN ASTM F2418-05 MUST BE USED AS A PART OF THE AASHTO STRUCTURAL EVALUATION TO VERIFY LONG-TERM PERFORMANCE.
- CHAMBERS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.
- ALL DESIGN SPECIFICATIONS FOR CHAMBERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S LATEST DESIGN MANUAL.
- THE INSTALLATION OF CHAMBERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S LATEST INSTALLATION INSTRUCTIONS.



STORMWATER CHAMBER SPECIFICATIONS
SCALE: N/A
DATE: 05/01/11
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NOMINAL CHAMBER SPECIFICATIONS
SIZE (W x H x INSTALLED LENGTH) 51.0" x 30.0" x 85.4" [1295 mm x 762 mm x 2169 mm]
CHAMBER STORAGE 45.9 CUBIC FEET [1.30 m³]
MINIMUM INSTALLED STORAGE 74.8 CUBIC FEET [2.12 m³]
WEIGHT 75 lbs. [33.6 kg]

STUBS AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
STUBS AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"

PART#	STUB	A	B	C
SC740EPE001	6" (150 mm)	10.90" (277 mm)	18.50" (470 mm)	N/A
SC740EPE008	6" (150 mm)	10.90" (277 mm)	N/A	0.50" (13 mm)
SC740EPE009	8" (200 mm)	12.20" (310 mm)	16.50" (419 mm)	N/A
SC740EPE080	8" (200 mm)	12.20" (310 mm)	N/A	0.60" (15 mm)
SC740EPE101	10" (250 mm)	13.40" (340 mm)	14.50" (368 mm)	N/A
SC740EPE108	10" (250 mm)	13.40" (340 mm)	N/A	0.70" (18 mm)
SC740EPE121	12" (300 mm)	14.70" (373 mm)	12.50" (318 mm)	N/A
SC740EPE128	12" (300 mm)	14.70" (373 mm)	N/A	1.20" (30 mm)
SC740EPE151	15" (375 mm)	18.40" (467 mm)	9.00" (229 mm)	N/A
SC740EPE168	15" (375 mm)	18.40" (467 mm)	N/A	1.30" (33 mm)
SC740EPE181	18" (450 mm)	19.70" (500 mm)	5.00" (127 mm)	N/A
SC740EPE188	18" (450 mm)	19.70" (500 mm)	N/A	1.60" (41 mm)
SC740EPE248	24" (600 mm)	18.50" (470 mm)	N/A	0.10" (3 mm)

ALL STUBS, EXCEPT FOR THE SC740EPE248 ARE PLACED AT BOTTOM OF END CAP SUCH THAT THE OUTSIDE DIAMETER OF THE STUB IS FLUSH WITH THE BOTTOM OF THE END CAP. FOR ADDITIONAL INFORMATION CONTACT STORMTECH AT 1-888-892-2694.
*FOR THE SC740EPE248 THE 24" (600 mm) STUB LIES BELOW THE BOTTOM OF THE END CAP APPROXIMATELY 1.75" (44 mm). BACKFILL MATERIAL SHOULD BE REMOVED FROM BELOW THE N-12 STUB SO THAT THE FITTING SITS LEVEL.

NOTE: ALL DIMENSIONS ARE NOMINAL



SC-740 TECHNICAL SPECIFICATIONS
SCALE: NTS
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STORMTECH GENERAL NOTES

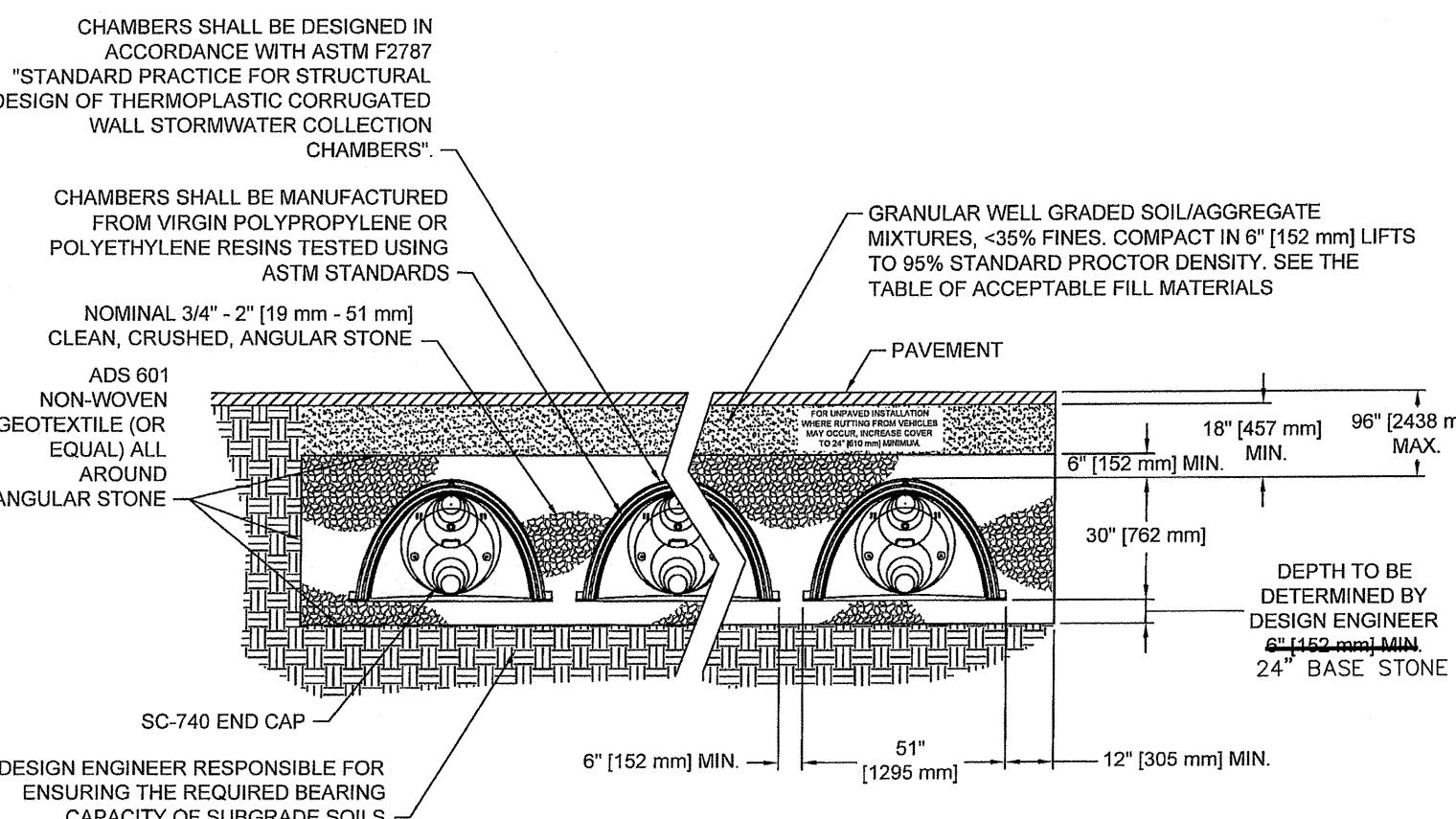
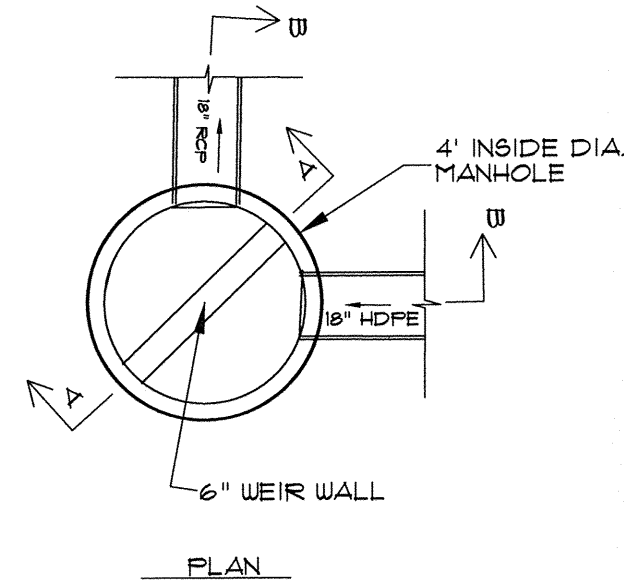
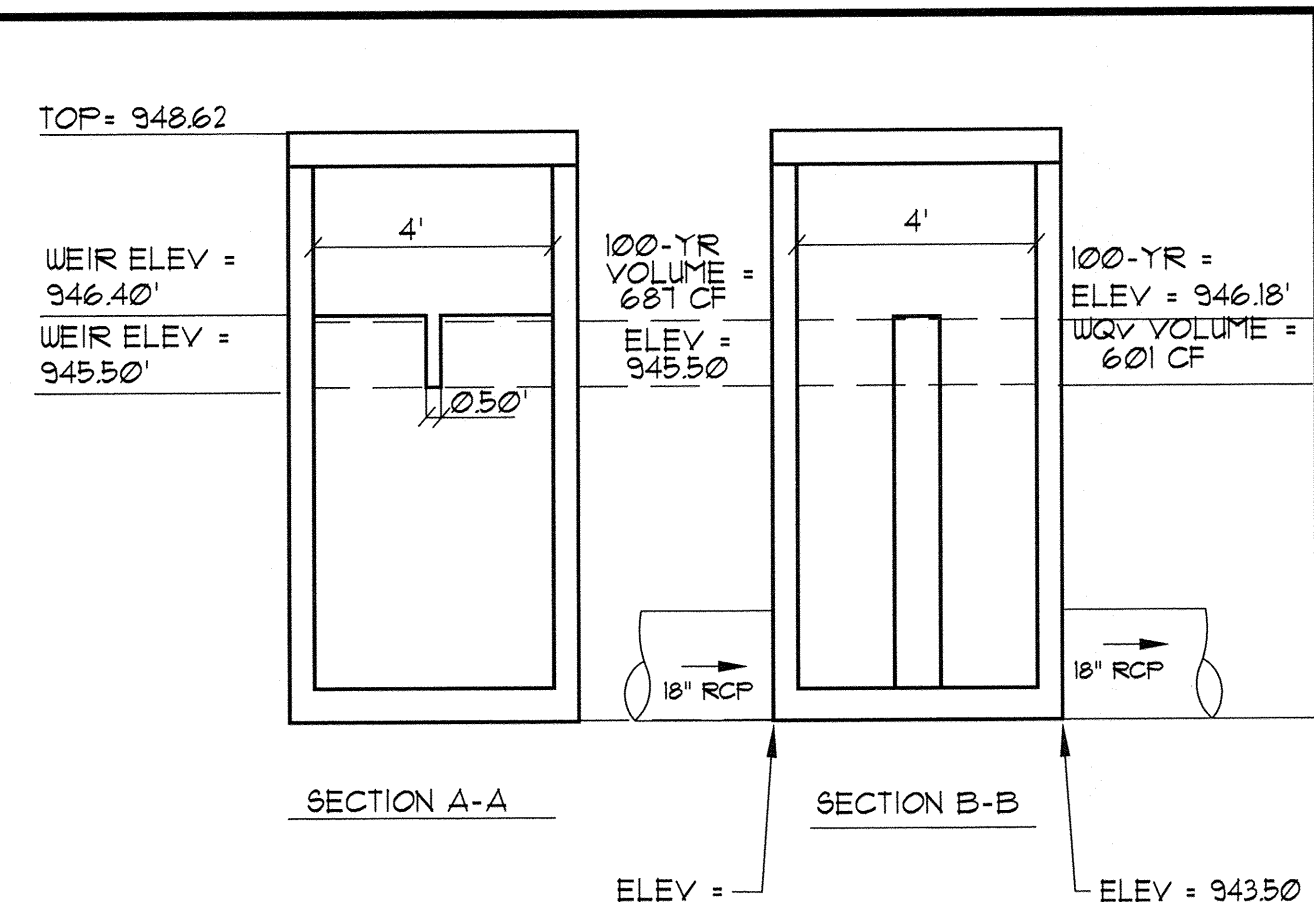
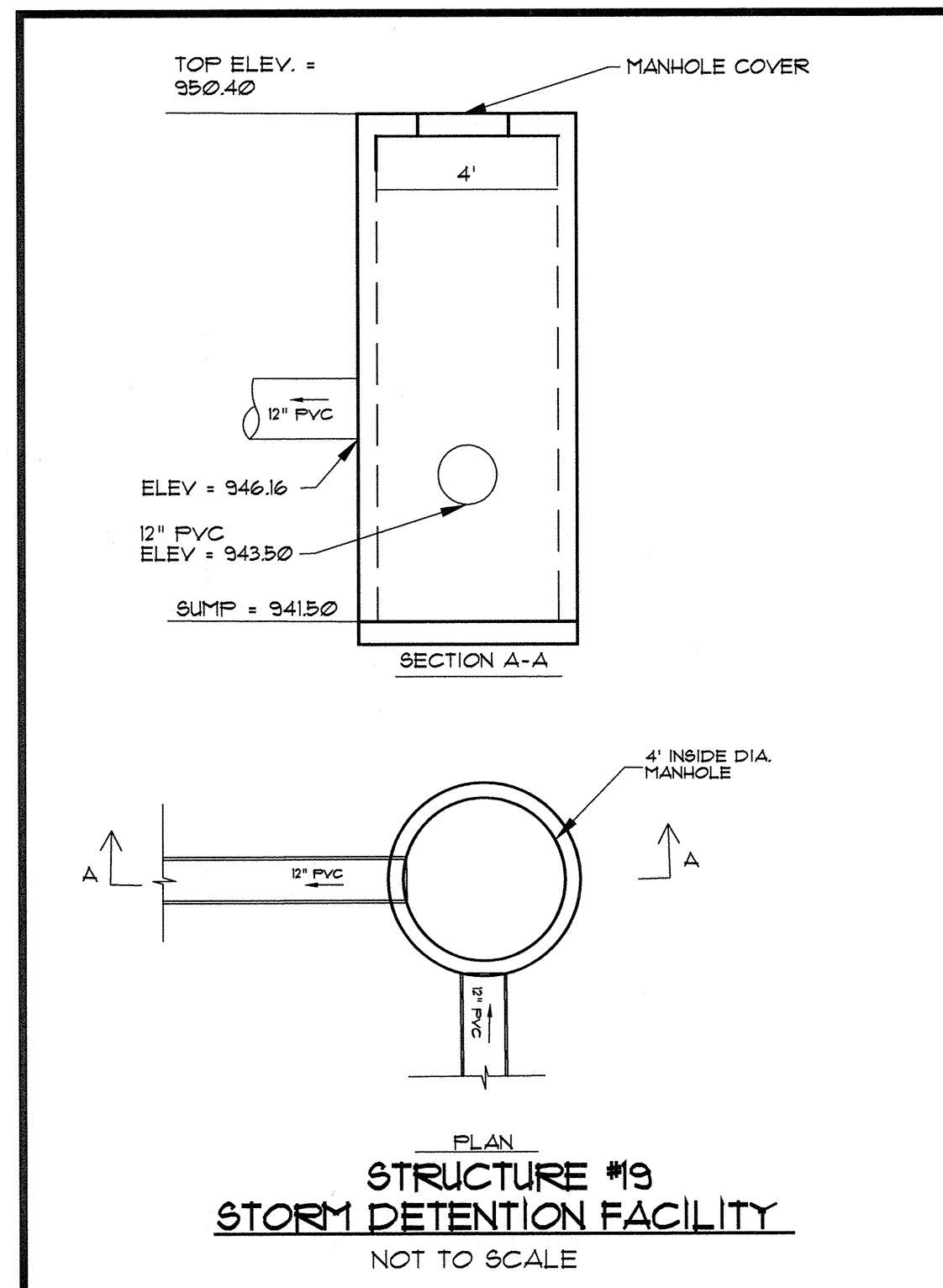
- STORMTECH REQUIRES INSTALLING CONTRACTORS TO USE AND UNDERSTAND STORMTECH'S LATEST INSTALLATION INSTRUCTIONS PRIOR TO BEGINNING SYSTEM INSTALLATION.
- OUR TECHNICAL SERVICES DEPARTMENT OFFERS INSTALLATION CONSULTATIONS TO INSTALLING CONTRACTORS. CONTACT OUR TECHNICAL SERVICES REPRESENTATIVE AT LEAST 30 DAYS PRIOR TO SYSTEM INSTALLATION TO ARRANGE A PRE-INSTALLATION CONSULTATION. OUR REPRESENTATIVES CAN THEN ANSWER QUESTIONS OR ADDRESS COMMENTS ON THE STORMTECH CHAMBER SYSTEM AND INFORM THE INSTALLING CONTRACTOR OF THE MINIMUM INSTALLATION REQUIREMENTS BEFORE BEGINNING THE SYSTEM'S CONSTRUCTION. CALL 1-888-892-2694 TO SPEAK TO A TECHNICAL SERVICES REPRESENTATIVE OR VISIT WWW.STORMTECH.COM TO RECEIVE A COPY OF OUR INSTALLATION INSTRUCTIONS.
- STORMTECH'S REQUIREMENTS FOR SYSTEMS WITH PAVEMENT DESIGN (ASPHALT, CONCRETE PAVERS, ETC.) MINIMUM COVER IS 18" (457 mm) NOT INCLUDING PAVEMENT; MAXIMUM COVER IS 96" (2438 mm) INCLUDING PAVEMENT. FOR INSTALLATIONS THAT DO NOT INCLUDE PAVEMENT, WHERE RUTTING FROM VEHICLES MAY OCCUR, MINIMUM REQUIRED COVER IS 24" (610 mm). MAXIMUM COVER IS 96" (2438 mm).
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE DESIGN ENGINEER.
- AASHTO M288 CLASS 2 NON-WOVEN GEOTEXTILE (FILTER FABRIC) MUST BE USED AS INDICATED IN THE PROJECT PLANS.
- STONE PLACEMENT BETWEEN CHAMBERS ROWS AND AROUND PERIMETER MUST FOLLOW INSTRUCTIONS AS INDICATED IN THE MOST CURRENT VERSION OF STORMTECH'S INSTALLATION INSTRUCTIONS.
- BACKFILLING OVER THE CHAMBERS MUST FOLLOW REQUIREMENTS AS INDICATED IN THE MOST CURRENT VERSION OF STORMTECH'S INSTALLATION INSTRUCTIONS.
- THE CONTRACTOR MUST REFER TO STORMTECH'S INSTALLATION INSTRUCTIONS FOR A TABLE OF ACCEPTABLE VEHICLE LOADS AT VARIOUS DEPTHS OF COVER. THIS INFORMATION IS ALSO AVAILABLE AT STORMTECH'S WEBSITE: WWW.STORMTECH.COM. THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING VEHICLES THAT EXCEED STORMTECH'S REQUIREMENTS FROM TRAVELING ACROSS OR PARKING OVER THE STORMWATER SYSTEM. TEMPORARY FENCING, WARNING TAPE AND APPROPRIATELY LOCATED SIGNS ARE COMMONLY USED TO PREVENT UNAUTHORIZED VEHICLES FROM ENTERING SENSITIVE CONSTRUCTION AREAS.
- THE CONTRACTOR MUST APPLY EROSION AND SEDIMENT CONTROL MEASURES TO PROTECT THE STORMWATER SYSTEM DURING ALL PHASES OF SITE CONSTRUCTION PER LOCAL CODES AND DESIGN ENGINEER'S SPECIFICATIONS.
- STORMTECH PRODUCT WARRANTY IS LIMITED. SEE CURRENT PRODUCT WARRANTY FOR DETAILS. TO ACQUIRE A COPY CALL STORMTECH AT 1-888-892-2694 OR VISIT WWW.STORMTECH.COM



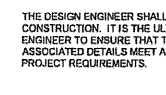
THE DESIGN ENGINEER SHALL REVIEW THE DRAWING PRIOR TO CONSTRUCTION. IT IS THE USER'S RESPONSIBILITY TO OBTAIN THE LATEST EDITION OF THE DESIGN MANUAL TO ENSURE THAT THE PROJECTS MEET ALL APPLICABLE CODES, REGULATIONS, AND PROJECT REQUIREMENTS.



STORMTECH GENERAL NOTES
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THE INSTALLED CHAMBER SYSTEM SHALL PROVIDE THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS SECTION 12.12 FOR EARTH AND LIVE LOADS WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCE.

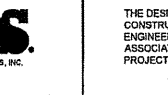
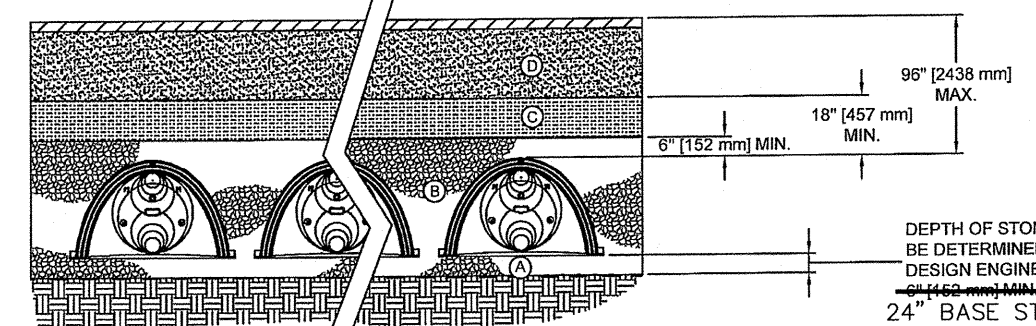


SC-740 TYPICAL CROSS-SECTION
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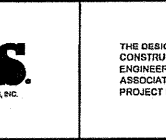
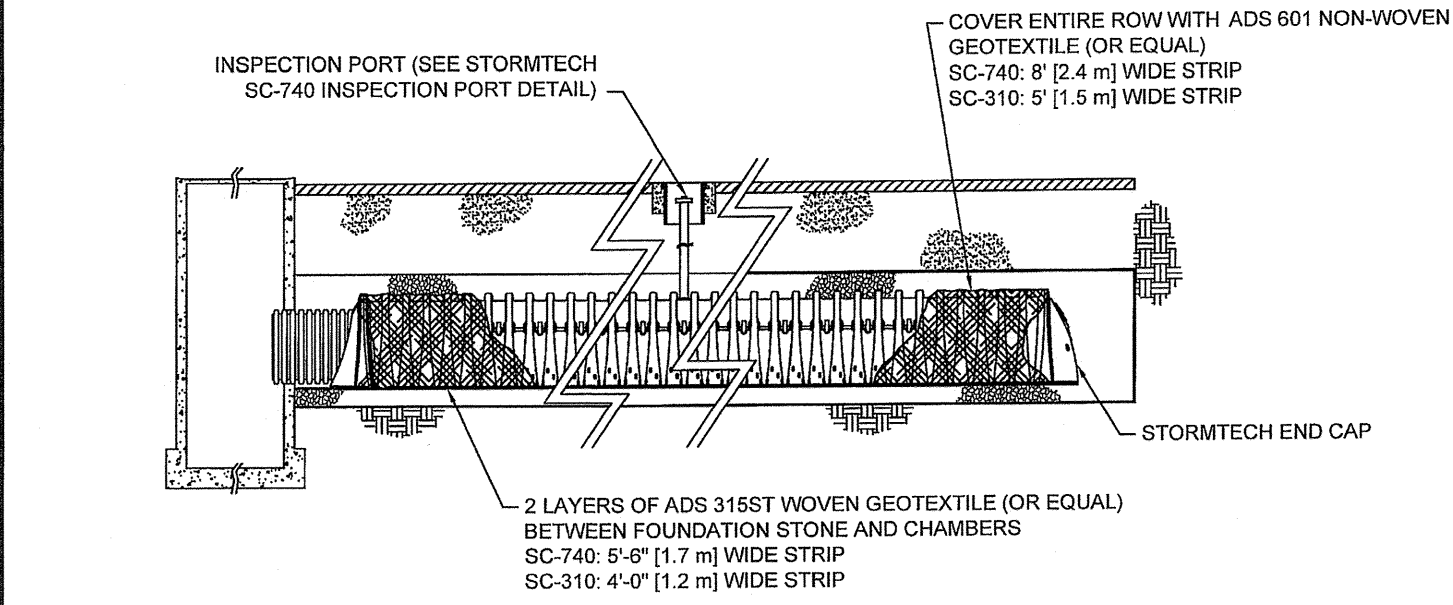
ACCEPTABLE FILL MATERIALS: STORMTECH SC-740 AND SC-310 CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO M43 DESIGNATION	COMPACTION/DENSITY REQUIREMENT
① FILL MATERIAL FOR LAYER D STARTS FROM THE TOP OF THE LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISH GRADE ABOVE. NOTE THAT PAVEMENT SUB-BASE MAY BE PART OF THIS LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
② FILL MATERIAL FOR LAYER C STARTS FROM THE TOP OF THE EMBEDED STONE (A LAYER) TO THE TOP OF THE EMBEDED STONE (B LAYER). NOTE THAT PAVEMENT SUB-BASE MAY BE A PART OF THIS LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES. MOST PAVEMENT SUB-BASES CAN BE USED IN LIEU OF THIS LAYER.	3, 357, 4, 497, 5, 56, 57, 6, 62, 66, 7, 75, 8, 86, 9, 10	BEGIN COMPACTION AFTER 12" (305 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL MATERIAL TO A MIN. 80% STANDARD PROCTOR DENSITY @ ROLLER CROSS VEHICLE WEIGHT NOT TO EXCEED 15,000 lbs (6800 kg). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
③ EMBEDED STONE SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE (A LAYER) TO THE C LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE. NOMINAL SIZE DISTRIBUTION BETWEEN 3/4" - 2 INCH (19 - 51 mm)	3, 357, 4, 497, 5, 56, 57	NO COMPACTION REQUIRED.
④ FOUNDATION STONE BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBERS.	CLEAN, CRUSHED, ANGULAR STONE. NOMINAL SIZE DISTRIBUTION BETWEEN 3/4" - 2 INCH (19 - 51 mm)	3, 35, 4, 497, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A 95% STANDARD PROCTOR DENSITY @.

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. AS AN ALTERNATE TO PROCTOR TESTING AND FIELD DENSITY MEASUREMENTS ON OPEN GRADED STONE, STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 8" (229 mm) (M43) LIFTS USING TWO FULL COVERAGES WITH AN APPROPRIATE COMPACTOR.



STORMTECH ACCEPTABLE FILL
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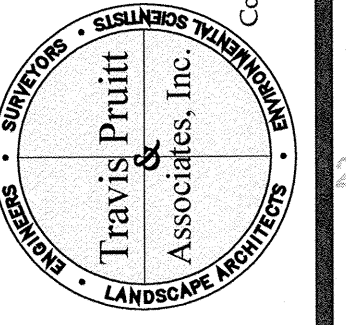


ISOLATOR ROW PROFILE
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CONSTRUCTION DETAILS
924 NORTHSIDE DR. STORAGE

GSWCC #000013061
REGISTERED PROFESSIONAL ENGINEER
NO. 29868
TRAVIS PRUITT
For The Firm
Travis Pruitt & Associates, Inc.
DATE: 08/17/2017
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