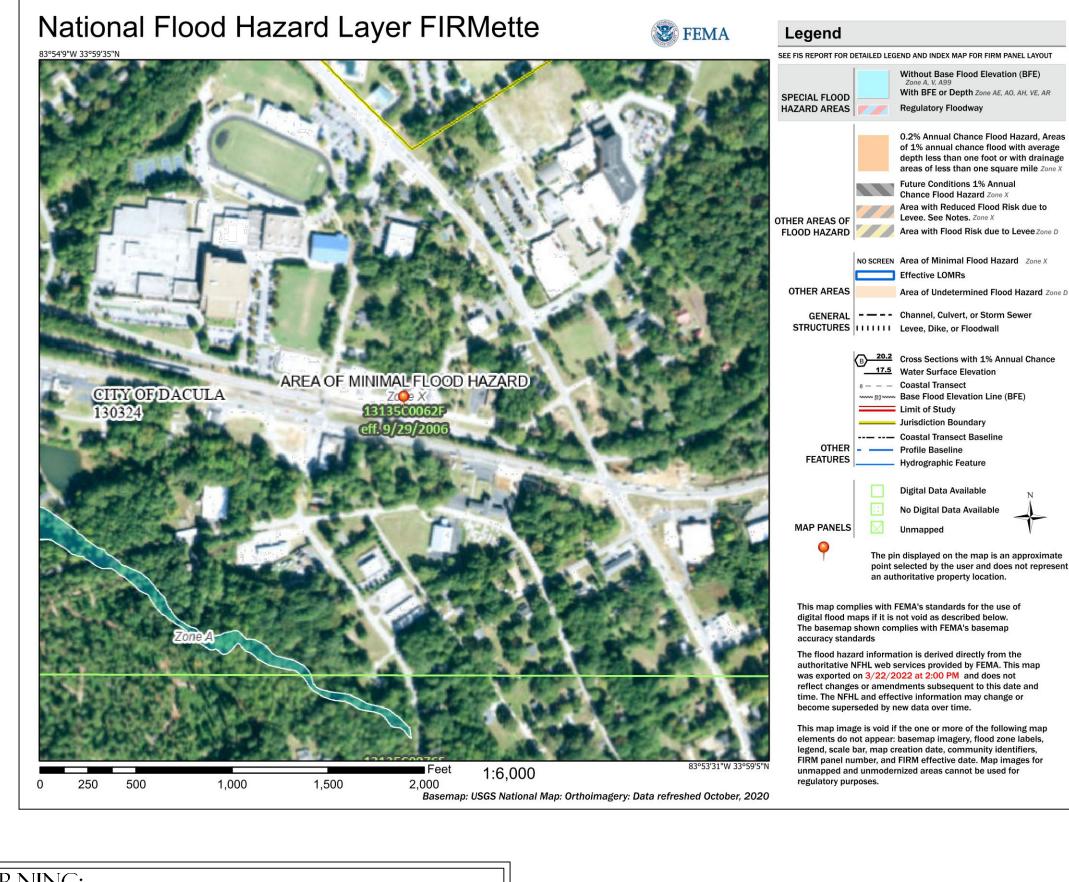
CONSTRUCTION DRAWINGS FOR 2ND AVENUE @ BROAD STREET DRAINAGE AND PAVING IMPROVEMENTS PROJECT



- 3 -

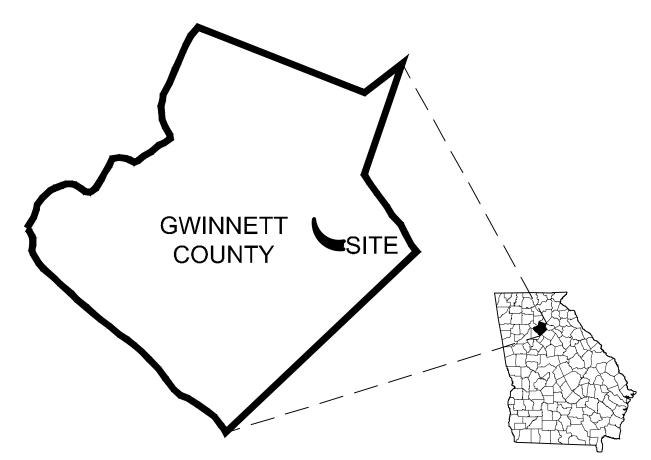
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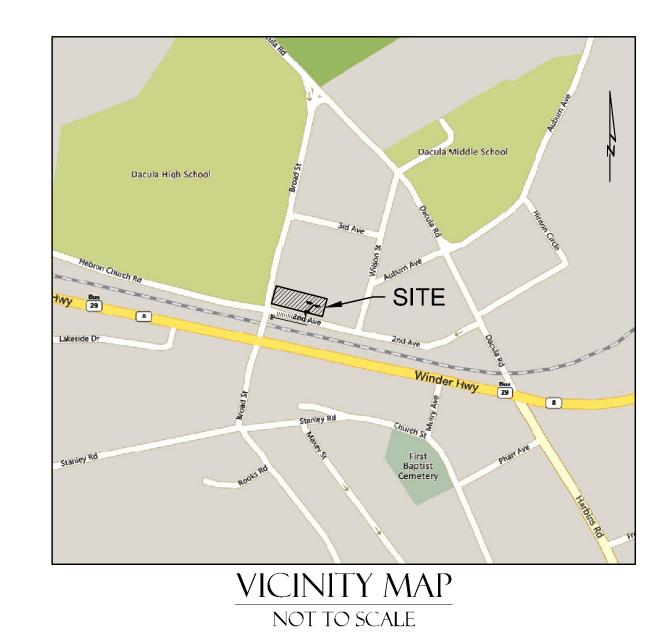
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WARNING: subcontractors, vendors and suppliers are advised that the contract documents sist of Design Professional—reproduced printed, bound, and numbered specifications, Design produced printed, bound and numbered blue or black line prints, addenda, -bid addenda, and change orders only. Documents reproduced by parties other than n Professional, whether in hard copy or electronic format shall not be considered part of act documents and do not supersede the provisions of the contract documents. The ractor, subcontractor, vendors, and suppliers are solely responsible for verification that rmation utilized in bidding, development of shop drawings and construction of facility are cal to contract document

DACULA, GEORGIA GWINNETT COUNTY LAND LOT 302 **5TH DISTRICT**





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C301	STORM PROFILES				
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WETLANDS

THE DESIGN PROFESSIONAL, WHOSE SEAL APPEARS HEREON CERTIFIES THE FOLLOWING: 1)THE NATIONAL WETLAND INVENTORY UNLESS THE APPROPRIATE FEDERAL WETLANDS ALTERATION ("SECTION 404") PERMIT HAS BEEN OBTAINED

PROJECT DESCRIPTION:

THE PROJECT CONSISTS OF MILLING & RETOPPING OF THE PAVEMENT & IMPROVING THE STORM DRAINAGE SYSTEM ALONG 2ND AVENUE AND BROAD STREET

ENGINEER/SURVEYOR:

BOWMAN 4174 SILVER PEAK PARKWAY

SUWANEE, GEORGIA 30024 PH: 770-932-6550 FX: 770-932-6551 ENGINEER CONTACT: KEVIN D WHIGHAM, P.E. EMAIL: KWhigham@bowman.com

SURVEY CONTACT: J. CHRIS WHITLEY, P.L.S. EMAIL: CWhitley@bowman.com

SITE VISIT CERTIFICATION: "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 SUPERVISION."

KEVIN D WHIGHAM, P.E. - GSWCC LEVEL II CERTIFICATION #945 EXP: 9/27/2023 DATE

FLOODPLAIN:

PART OF THIS PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA (SFHA) PER FEMA FIRM PANEL 13135C0062F DATED 9/29/2006.

STATE WATERS

STATE WATERS ARE NOT ON THIS SITE REQUIRING A 25' STATE UNDISTURBED BUFFER, 50' COUNTY UNDISTURBED BUFFER AND 75' IMPERVIOUS SETBACK MEASURED FROM THE TOP OF BANK.

RECEIVING WATERS HOPKINS CREEK

SURVEY: THE BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN IS FROM A SURVEY PERFORMED BY BOWMAN DATED MARCH 11, 2022. DATUM, MEAN SEA LEVEL, NAD83 GA WEST FOOT **24 HOUR CONTACT** CITY OF DACULA

14

BRITTNI NIX BRITTNI.NIX@DACULAGA.GOV 770-963-7451



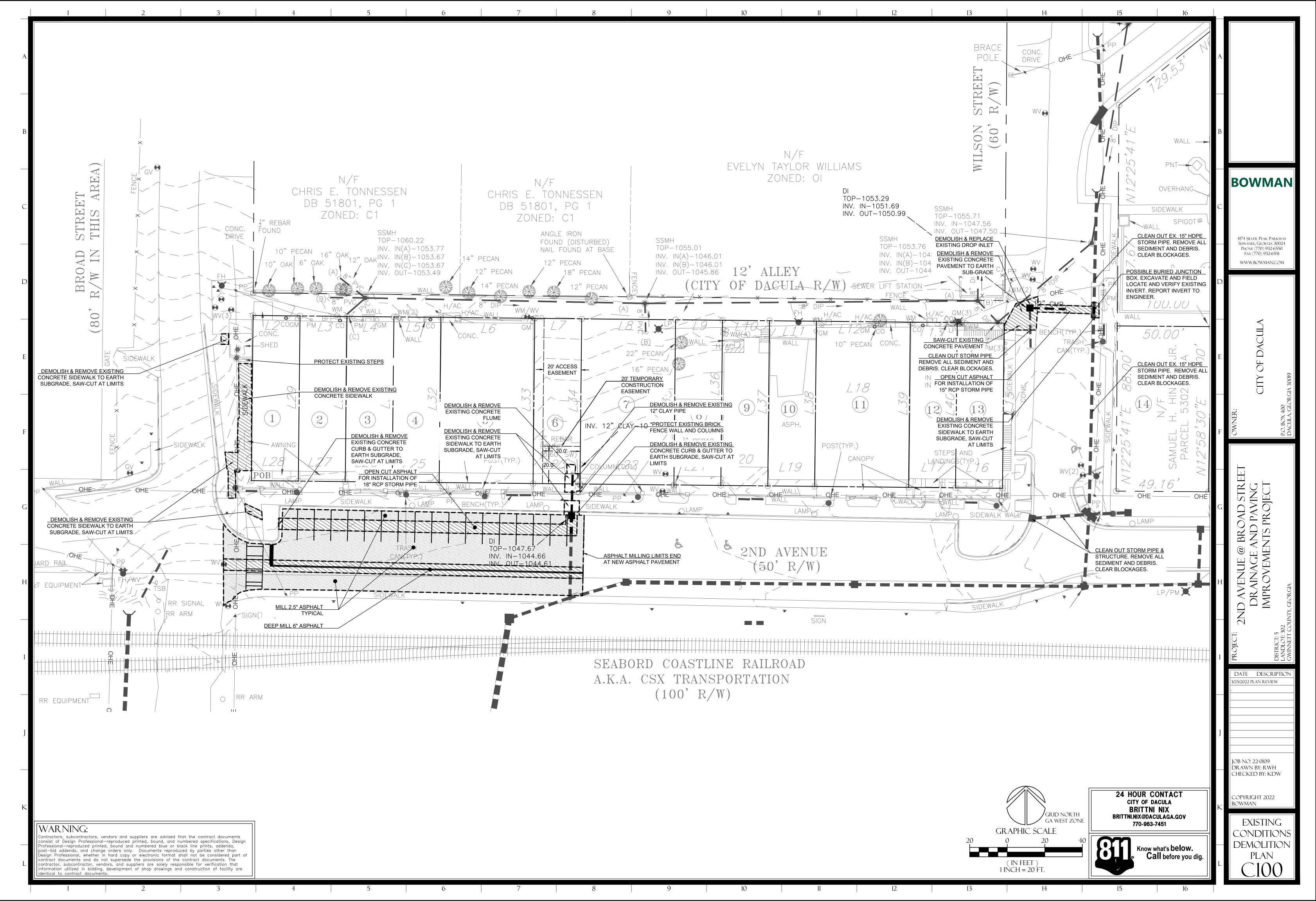
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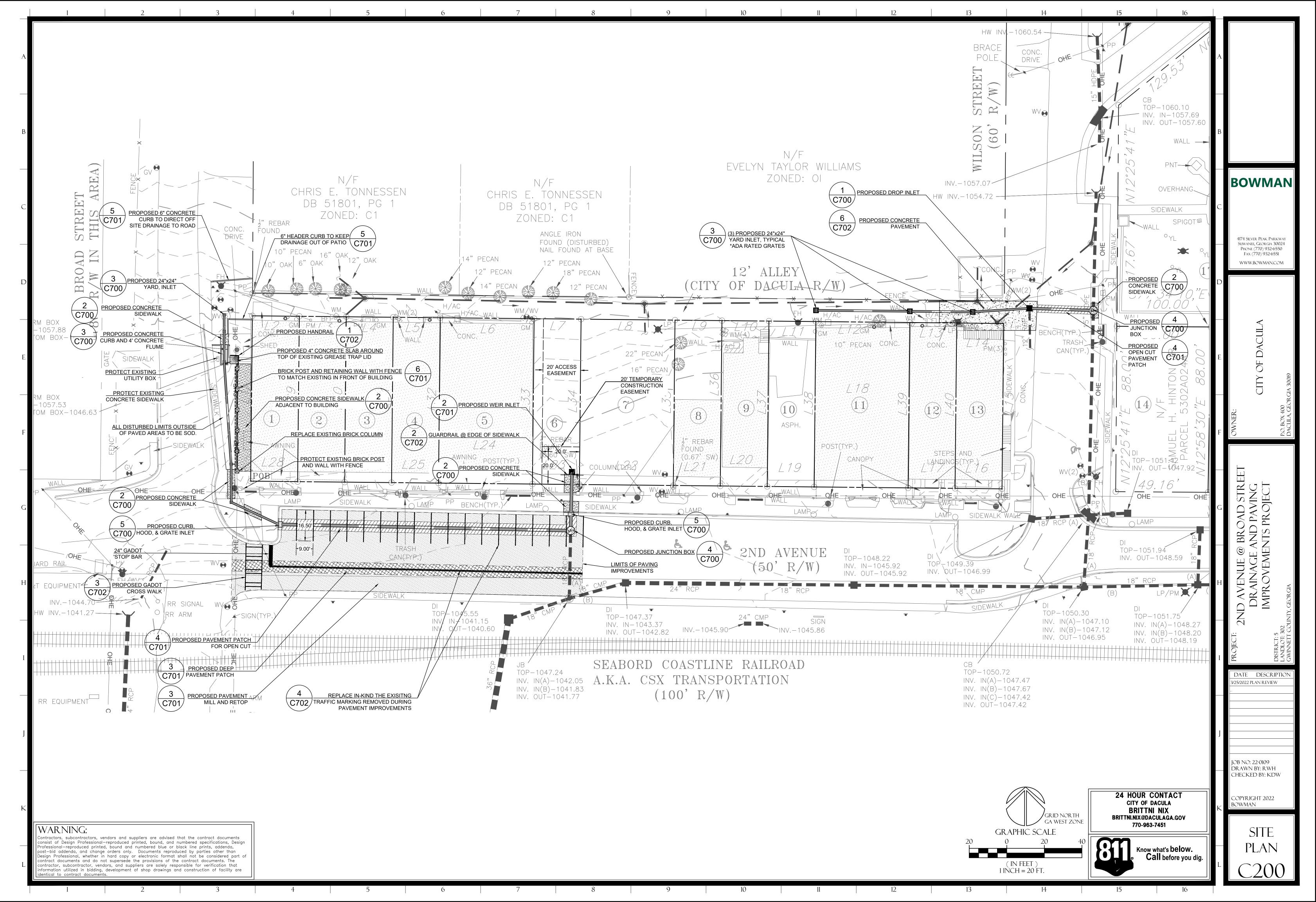
BOWMAN 174 Silver Peak Parkway Suwanet, Glorgia 30024 -Phone (770) 932-6550 FAX (770) 932-6551 WWW.BOWMAN.COM CITY OF DACULA MPR DATE DESCRIPTION 25/2022 PLAN REVIEW

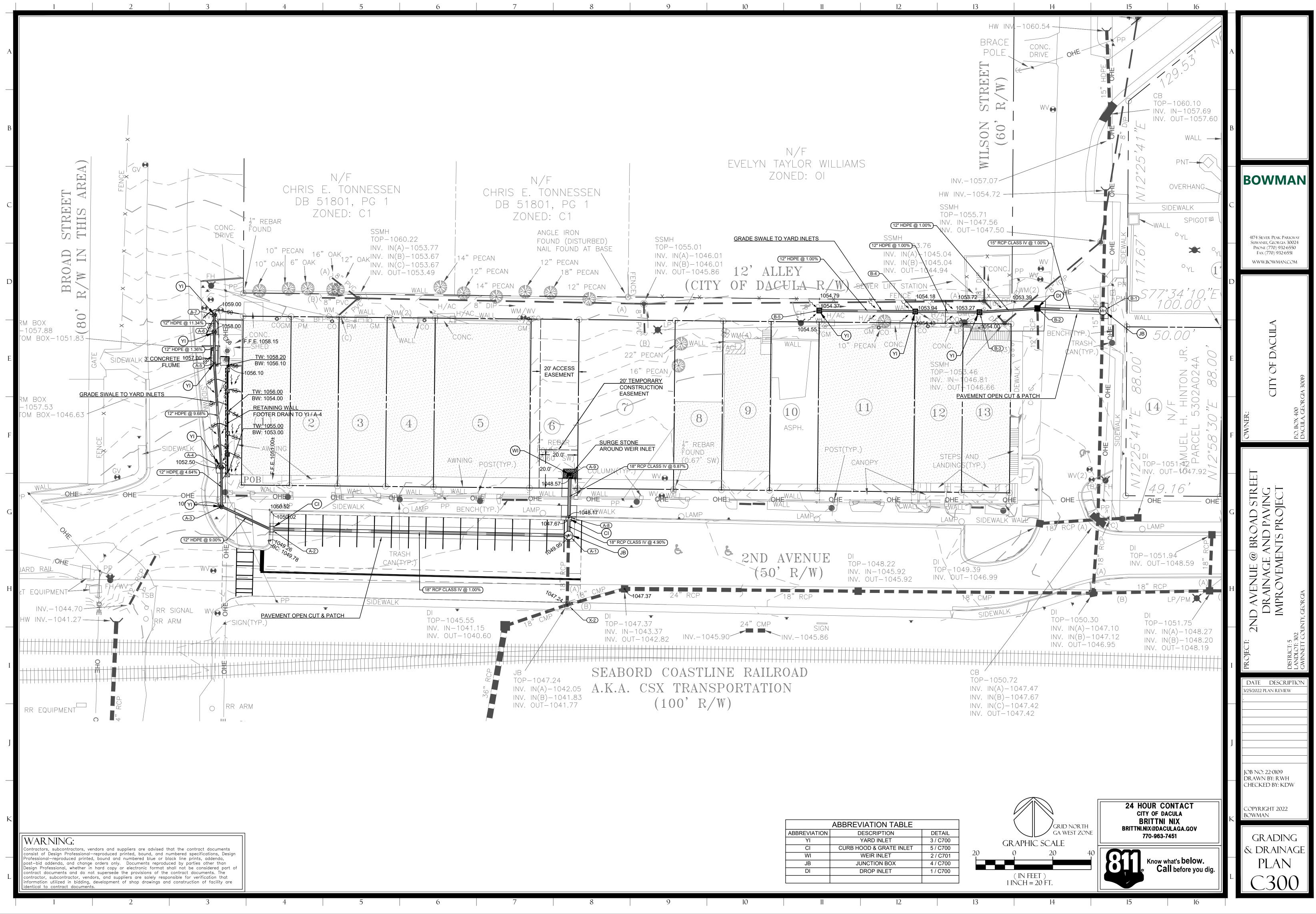
> OB NO: 22-0109 DRAWN BY: R.WH CHECKED BY: KDW

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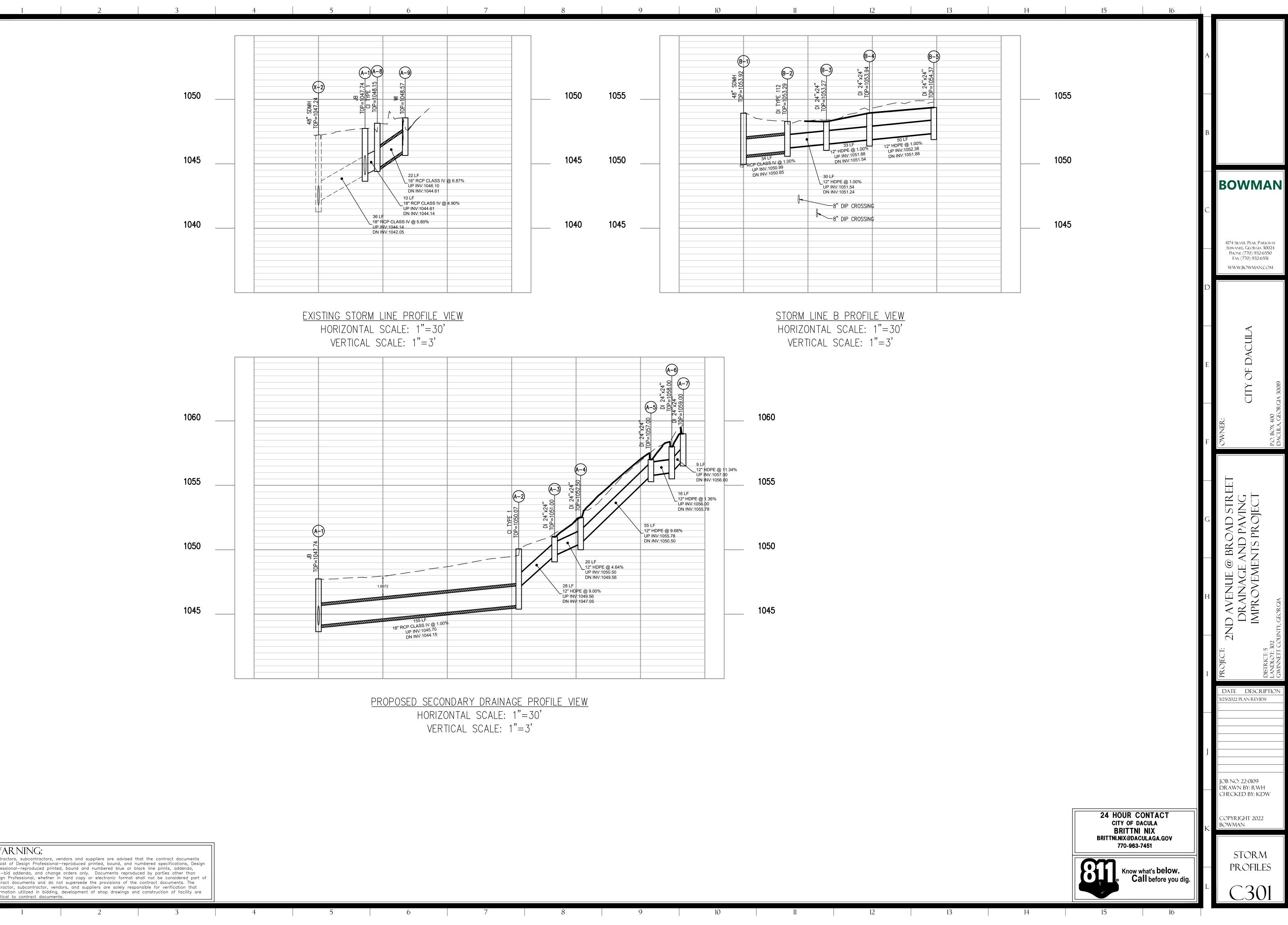
> COVER SHEET

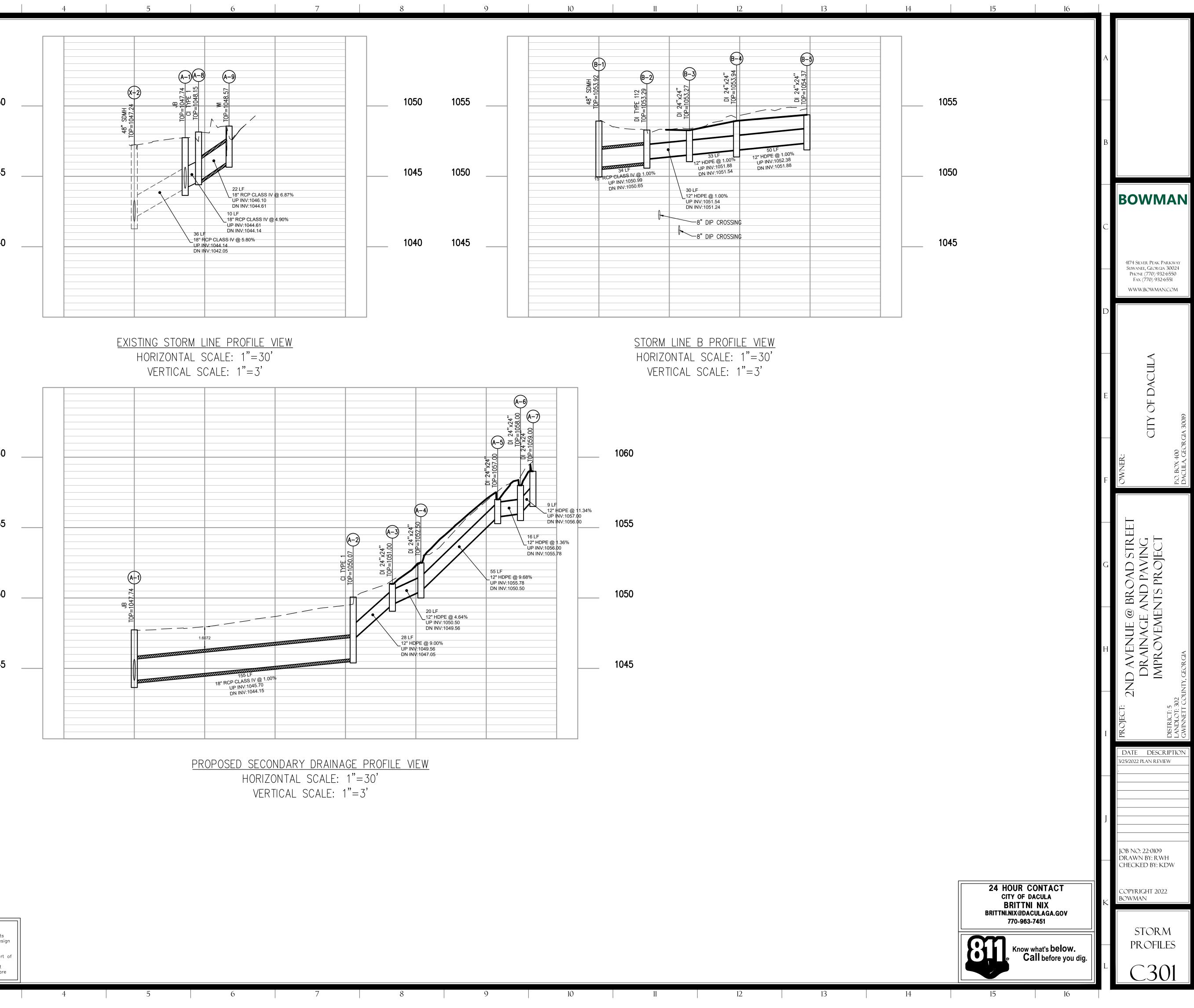


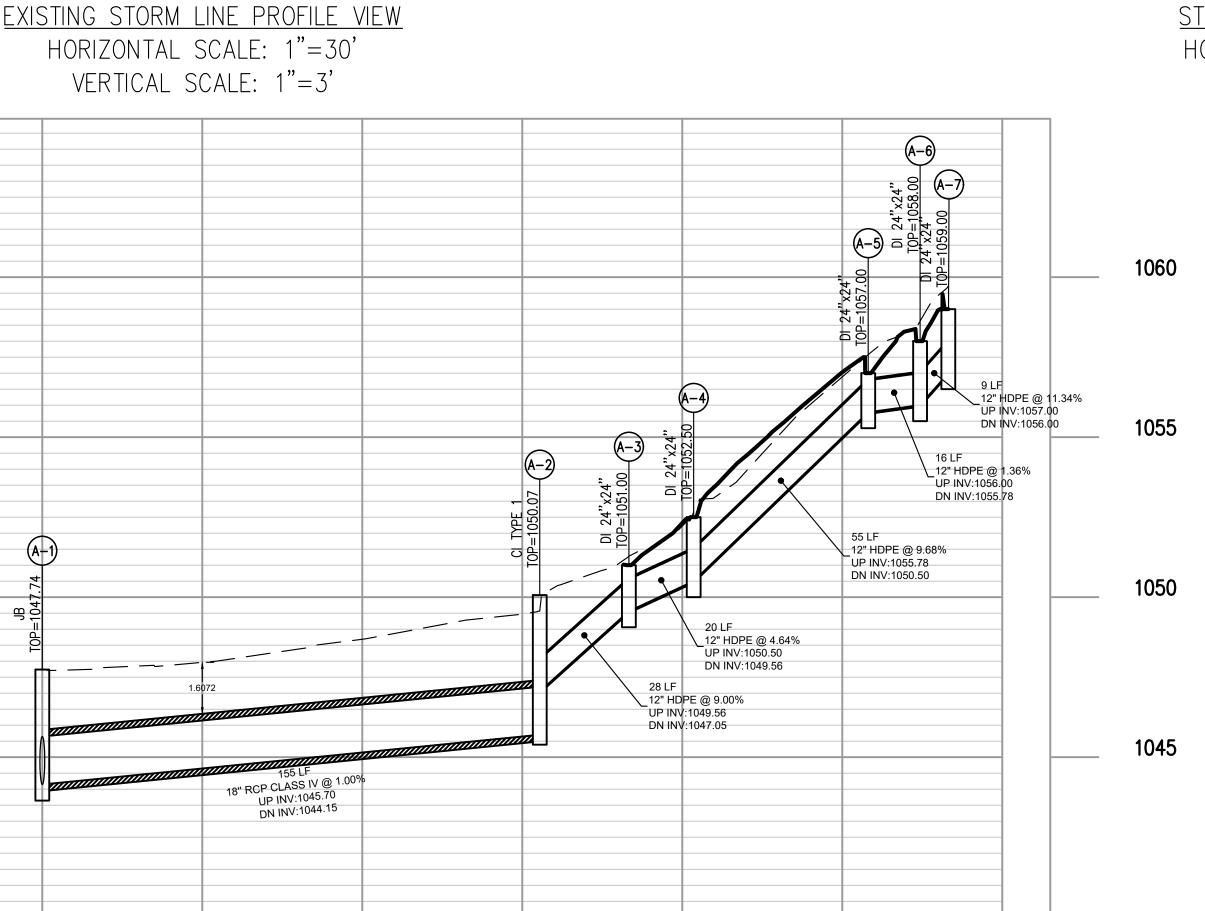


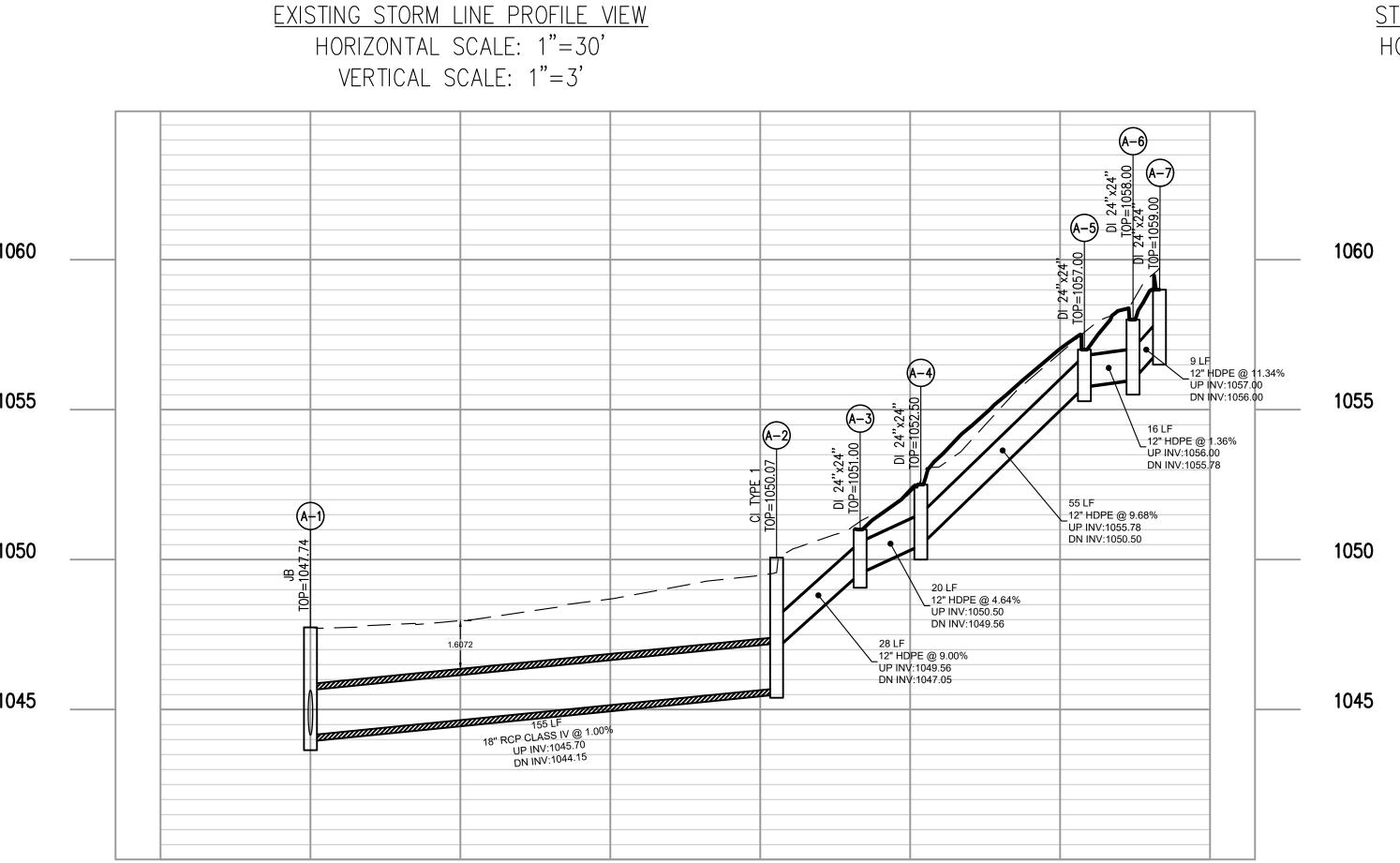


A	
AI	3BREVIATION TABLE
ABBREVIATION	DESCRIPTION
YI	YARD INLET
CI	CURB HOOD & GRATE INLE
WI	WEIR INLET
JB	JUNCTION BOX
DI	DROP INLET

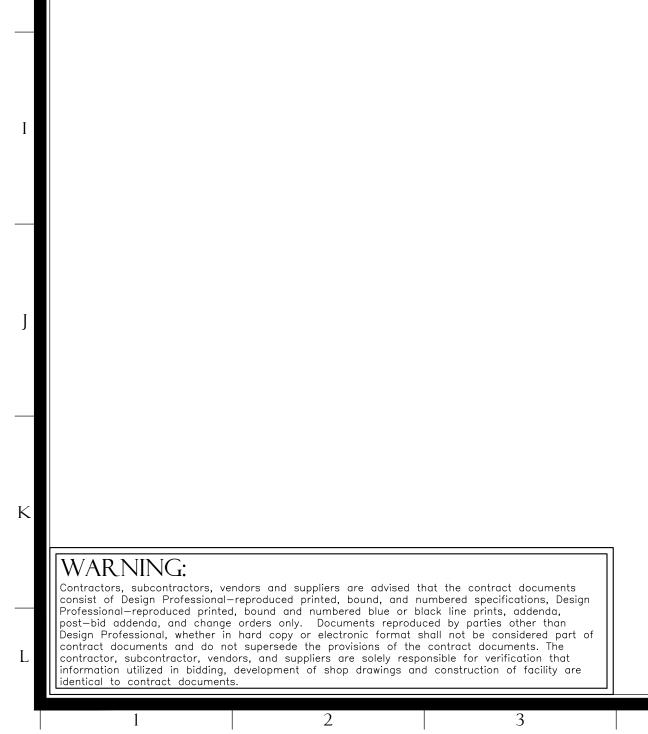


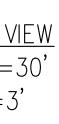












	ERO	SION, SEDIMENTATION AND POLLUTION CONTROL PLAN (ES&PC) NOTES:		MINIMIZED OR ELIMINATED TO THE MAXIMUM EXTENT PRACTICAL (NPDES IV.D.2.C.(2). USE PM-POLYACRYLAMIDE (PAM) FOR DUST CONTROL, ETC. AT CONSTRUCTION EXITS
	1.	EXISTING LAND USE: RIGHT OF WAY SITE LOCATION: 2nd AVENUE & BROAD STREET	45	AREAS AND ANY OTHER AREAS WHERE SEDIMENT CAN BE CAPTURED." 5. "CONTRACTOR TO FURNISH AND INSTALL APS 600 SERIES 'SILT STOP' AS MANUFACTUR
А	3.	GWINNETT COUNTY, DACULA, GEORGIA PROPOSED USE AND DESCRIPTION OF CONSTRUCTION ACTIVITY: RIGHT OF WAY WITH STORM WATER AND		POLYMER SYSTEMS, NORCROSS GA. OR EQUAL AT A RATE OF 1.5 GALLONS/ACRE IN A OF APPROPRIATE SEED, FERTILIZER, LIME AND MULCH FOR THE SAME ACRE ON ALL D
1	4	PAVEMENT IMPROVEMENTS. TOTAL SITE AREA: 0.30 ACRES		EXPOSED SOIL SURFACES. FOLLOW ALL MANUFACTURER'S INSTRUCTIONS AND RECO
	5. 6.	TOTAL DISTURBED AREA: ±0.27 ACRES, STREAM BUFFER: ±0.00 ACRES. OWNER/DEVELOPER/PRIMARY PERMITTEE:	46.	 "CONTRACTOR SHALL INSPECT ALL VEHICLES AND PETROLEUM STORAGE CONTAINER MAKING REPAIRS TO MINIMIZE ALL PETROLEUM SPILLS AND LEAKS AND SHALL KEEP O
				POROUS PETROLEUM ABSORBENT MATERIALS SUCH AS VERMICULITE, SAND AND LEA CLEAN UP ALL SAID SPILLS AND DISPOSE OF SAID MATERIALS IN ACCORDANCE WITH A
	7.	SECONDARY PERMITTEES:	47	FEDERAL REGULATIONS (NPDES IV.D.2.C.(4)." 7. "NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A STREAM BUFFER AN
		NAME: NAME:	<i>ч</i> .	BUFFER SHALL REMAIN IN ITS NATURAL, UNDISTURBED, STATE OF VEGETATION UI LAND-DISTURBING ACTIVITIES ON THE CONSTRUCTION SITE ARE COMPLETED."
		COMPANY:COMPANY: ADDRESS:ADDRESS:	48.	 THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INS INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROLS BMPS WITHI
В		PHONE NO:PHONE NO: FAX NO:FAX NO:	40	INSTALLATION. PROOF OF SITE VISIT SHALL BE KEPT ON-SITE. NON-STORM WATER DISCHARGES SUCH AS FIRE HYDRANT FLUSHING, POTABLE WATE
		SIGNATURE: SIGNATURE:	40.	INCLUDING WATER LINE FLUSHING; IRRIGATION DRAINAGE; AIR CONDITIONING CONDI UNCONTAMINATED GROUNDWATER; AND FOUNDATION OR FOOTING DRAINS ARE TO E
	8	24 HOUR LOCAL CONTACT FOR EROSION, SEDIMENTATION AND POLLUTION CONTROL: BRITTNI NIX	50	SAME MANNER AS STORM WATER DISCHARGES." . "CONTRACTOR SHALL MONITOR, REPORT REQUIREMENTS, AND RETAIN RECORDS PER
	0.	PHONE : (770) 963-7451 STATE WATERS ARE NOT LOCATED ON-SITE.	50.	NPDES PERMIT NO. GAR 10001. "CONTRACTOR SHALL COMPLY WITH ALL REQUIREME! THE GENERAL NPDES PERMIT NO. GAR 100001."
	10.	THE WETLAND INVENTORY MAP HAS BEEN CONSULTED AND SHOW THAT WETLANDS ARE NOT LOCATED ON THE SITE, HOWEVER THE SITE WAS EXAMINED BY A WETLAND SPECIALIST AND THERE ARE WETLANDS	51.	1. "A 25 FOOT BUFFER ADJACENT TO ALL STREAMS, CREEKS, LAKES, PONDS, ETC. IS REC
	11.	LOCATED ON THE SITE WAS EXAMINED BY A WETLAND SPECIALIST AND THERE ARE WETLANDS RECEIVING WATER(S) IS:		MAINTAINED BY THE SOIL EROSION CONTROL AND SEDIMENT CONTROL ORDINANCE (A 4.3 PARAGRAPH 15). AN EXEMPTION IS GRANTED TO HOMEOWNERS WHO PERFORM M
С	12.	SOIL SERIES FOR THE PROJECT SITE INCLUDE: AmC2, PgD2.		ACTIVITIES SUCH AS HOME LANDSCAPING, HOME GARDENS, REPAIRS AND MAINTENAN 3 SECTION 3.1 PARAGRAPH 3)."
	13.	DESCRIPTION OF THE MEASURES TO BE INSTALLED DURING CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN	52.	 "CONTRACTOR SHALL ACQUIRE A COPY OF "FIELD MANUAL FOR EROSION AND SEDIME GEORGIA, VEGETATION AND STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FO
		COMPLETED: <u>PRODUCT SPECIFIC PRACTICES</u>		ACTIVITIES, AS PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMM EDITION."
		PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS, AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ONSITE VEHICLES AND MACHINERY DAILY	53.	 "THE PRIMARY PERMITEE MUST KEEP AN APPROVED ES&PC PLAN ON-SITE. PRIMARY P MAINTAIN A BMP INSPECTION LOG, A DAILY RAINFALL LOG BOOK, AND A DAILY CONSTR
	A	NSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATERS, NATURAL DRAINS, AND STORM WATER DRAINAGE		ENTRANCE/EXIT AREA LOG BOOK. TURBIDITY DATA MUST BE KEPT UP-TO-DATE AND OI IV.D.5.A.(3)."
		NLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS, AND LUBRICANTS IS PROHIBITED.	54.	 "THE PRIMARY PERMITTEE MUST SAMPLE ALL RECEIVING WATER(S), AND/OR ALL OUTF COMBINATIONOF RECEIVING WATERS AND OUTFALLS. RECEIVING WATERS MUST HAVE
D		PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.		DOWNSTREAM SAMPLE LOCATION. (NPDES IV.D.5.C.(1)." "NPDES SAMPLING FOR ALL MO ON THIS SITE WILL BE BY GRAB SAMPLE METHOD. SAMPLES WILL BE PERFORMED BY T
		PAINTS/FINISHES/SOLVENTS - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCTS WILL NOT BE DISCHARGED T THE STORM WATER COLLECTION		PERMITTEE OR ITS AGENT TAKEN AND ANALYZED NO LATER THAN 48 HOURS AFTER A SHALL BE COLLECTED WHERE THE STREAM IS WELL MIXED FROM HORIZONTAL AND VI
		SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE PRODUCTS, AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.		FLOW. WHEN COLLECTING THE SAMPLE, FACE SAMPLING CONTAINER UPSTREAM AND SEDIMENT AT BOTTOM OF STREAM. LIFT SAMPLE OUT OF STREAM KEEPING SAMPLES
		CONCRETE TRUCK WASHING - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ONSITE.		DEBRIS. AFTER SAMPLES HAVE BEEN COLLECTED IT SHALL BE ANALYZED USING A DIR PROPERLY CALIBRATED TURBIDIMETER WITHIN 48 HOURS. (NPDES IV.D.5.A.(2)."
		<u>FERTILIZER/HERBICIDES</u> - THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE WANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CROP	r	* FOR THIS SITE THE GRAB METHOD WILL BE USED FOR UPSTREAM MONITORING POIL DOWNSTREAM MONITORING POINTS 'MP-2'
	E	ESTABLISHMENT OR IN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.		* SEE ADDITIONAL PERMIT COVERAGE NOTES THIS SHEET FOR AUTHORIZED COVERA
		BUILDING MATERIALS - NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF	55.	
E	14.	ON-SITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCEDURES. INITIAL PERIMETER BEST MANAGEMENT PRACTICES (BMP'S): Sd1-NS, Sd2-F/P, Du, Ds1, Ds2.		DAY BMP INSPECTION, PROVIDED THAT THE PRIMARY MAKES A WRITTEN REQUEST TO FROM THE DESIGN PROFESSIONAL WHO DEVELOPED THE PLAN AND THE E.P.D. HAS A
	15. 16.	INTERMEDIATE GRADING AND DRAINAGE BMP'S: Sd1-NS, Sd2-F/P, Du, Ds1, Ds2. FINAL BMP'S: Ds3, Ds4, Sd2-P.	56.	THE ES&PC THAT PERTAINS TO THEIR CONSTRUCTION ACTIVITY AND EACH SECONDAR
	17. 18.	THIS SITE DOES LIE WITHIN A 100 YEAR FLOOD HAZARD AREA PER FIRM MAP 13135C0062F, DATED 9/29/2006. ESTIMATE OF PRE-CONSTRUCTION 25 YEAR PEAK DISCHARGE FLOW AT X.XX CFS PRE-DEVELOPED CN =		SIGN THE PLAN OR PORTION OF THE PLAN APPLICABLE TO THEIR SITE. NOT APPLICABL AND INFRASTRUCTURE PROJECTS." <u>SECONDARY PERMITTEE UNKNOW AT THE TIME O</u>
	19.	X.XX ESTIMATE OF POST-CONSTRUCTION 25 YEAR PEAK DISCHARGE FLOW AT X.XX CFS POST-DEVELOPED CN =	57.	 "AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT C HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL."
	20.	X.XX CRITICAL AREAS LOCATED ON-SITE ARE IDENTIFIED AS: Ss. AT THE END OF EACH WORK DAY ALL SLOPES 2:1	58.	CONTRACTOR TO PROVIDE BMPS FOR CONCRETE WASHDOWN OF TOOLS, CONCRETE HOPPERS AND THE REAR OF THE VEHICLES. WASHOUT OF THE DRUM AT THE CONSTR
		OR STEEPER AND HIGHER THAN 5 FEET SHALL RECEIVE SURFACE ROUGHENING, POLYMERS, AND EROSION CONTROL MATTING. ADDITIONALLY, ALL FILL SLOPES SHALL RECEIVE A DIVERSION DIKE AND TEMPORARY	59.	PROHIBITED. 9. ""WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT
F		DOWN DRAINS ALONG THE TOP OF THE SLOPE PREVENTING DRAINAGE SPILLING OVER THE EDGE AND DOWN THE FACE OF THE SLOPE. THE TEMPORARY DOWN DRAINS SHALL BE CONSTRUCTED WITH	60.	SECTION 404 PERMIT."). APPROVED PLANS AND NPDES DAILY LOG MUST BE ON SITE AT ALL TIMES.
		PERFORATED STAND PIPES AT THE TOP OF THE SLOPE AND RECONSTRUCTED EACH DAY AS THE SLOPE INCREASED IN HEIGHT.	61.	 SEDIMENT STORAGE VOLUME MUST BE IN PLACE PRIOR TO AND DURING ALL LAND DIS UNTIL FINAL STABILIZATION OF THE SITE HAS BEEN ACHIEVED.
	21.	"THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES."	62.	 PETROLEUM STORAGE SHALL BE DONE IN ACCORDANCE WITH ONE OF THE FOLLOWIN PREVENT STORM WATER DISCHARGES ON THE SITE.
	22.	"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	a.	 ALL PETROLEUM STORAGE CONTAINERS SHALL BE COVERED WITH PLASTIC SHEETIN UNDER A TEMPORARY ROOF.
	23.	SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE." "ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH	b. c.	b. ALL PETROLEUM STORAGE CONTAINERS SHALL BE LOCATED IN A SECONDARY CONT
	24.	MULCH OR TEMPORARY SEEDING." "STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE	υ.	C. NRC FIGNE # 1-000-424-0002.
	27.	WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS		
G		TEMPORARILY CEASED. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVERS OR		
		OTHER ADVERSE WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS		
		FROM WHEN ACTIVITIES CEASE, (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS		
		TEMPORARILY CEASED IS LESS THAN 21 DAYS) THE STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY HAS		
	25.	TEMPORARILY CEASED." "TEMPORARY SEDIMENT BASIN, RETROFITTED DETENTION POND, AND/OR EXCAVATED INLET SEDIMENT		
		TRAPS FOR EACH COMMON DRAINAGE LOCATION PROVIDING A MINIMUM 67 CUBIC YARDS OF SEDIMENT STORAGE PER ACRE DRAINED MUST BE IN PLACE PRIOR TO AND DURING ALL LAND DISTURBING ACTIVITIES		
Н	26.	UNTIL FINAL STABILIZATION OF THE SITE HAS BEEN ACHIEVED." "SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE		
	27.	STRUCTURES, INDICATING THE 1/3 FULL VOLUME." "CONTRACTOR TO CLEAN OUT ACCUMULATED SILT IN DETENTION POND AT THE END OF CONSTRUCTION		
	28.	ACTIVITIES WHEN THE DISTURBED AREAS HAVE BEEN STABILIZED. "CONTRACTOR TO PROVIDE DETENTION POND AS-BUILTS AND RECORD DRAWINGS THAT SHALL INCLUDE		
		TOPO OF POND TO CALCULATE POND VOLUMES AND OUTLET CONTROL STRUCTURE DETAILS AND INFORMATION TO COMPLETE AN AS-BUILT HYDROLOGY STUDY TO VERIFY THAT THE DETENTION POND WILL		
	29.	FUNCTION AS IT WAS DESIGNED." "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."		
Ţ	30.	"ADDITIONAL SOIL EROSION CONTROL MEASURES WILL BE ADDED IF DETERMINED TO BE NEEDED BY ON-SITE INSPECTIONS."		
1	31.			
		"MANUAL FOR EROSION AND SEDIMENT CONTROL" BY THE GA. SOIL & WATER CONSERVATION COMMISSION."		
	32.	"NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL		
		MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS."		
	33.	"CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 2.5:1 WITH A HEIGHT OF TEN FEET OR GREATER SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET."		
	34.	"ALL CUT AND FILL SLOPES MUST BE SURFACED ROUGHENED AND VEGETATED WITHIN SEVEN (7) DAYS OF		
J	35.	THEIR CONSTRUCTION. CUT AND FILL OPERATIONS SHALL BE KEPT TO A MINIMUM." "ADEQUATE PROVISIONS SHALL BE PROVIDED TO MINIMIZE DAMAGE FROM SURFACE WATER TO THE CUT EACE OF EXCAVATIONS OR THE SUCCESS OF FILLS."		
	36.	FACE OF EXCAVATIONS OR THE SLOPING SURFACES OF FILLS." "GRADING OPERATIONS SHALL NOT ENDANGER ADJOINING PROPERTIES." "STRIPPING OF VEGETATION, RECEADING, AND OTHER DEVELOPMENT ACTIVITIES SHALL BE CONDUCTED IN		
	37.	"STRIPPING OF VEGETATION, REGRADING, AND OTHER DEVELOPMENT ACTIVITIES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO MINIMIZE EROSION."		
_		FILLS SHALL NOT ENCROACH UPON NATURAL COURSES OR CONSTRUCTED CHANNELS IN A MANNER SO AS TO ADVERSELY AFFECT OTHER PROPERTY OWNERS."		
	39. 40.	"ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE." "CONTRACTOR SHALL REMOVE ALL SILT FENCE AND ALL OTHER TEMPORARY EROSION SEDIMENTATION		
		AND POLLUTION CONTROL MEASURES ONCE SITE IS FINAL STABILIZED AND AFTER ALL GRASSING REQUIREMENTS HAVE BEEN COMPLETED BY THE CONTRACTOR TO THE OWNER'S AND CODE SATISFACTION		
K	41.	AND BEFORE THE CONTRACTOR LEAVES THE SITE." "ALL WASTE DISPOSAL SHALL BE HAULED OFF TO A STATE AUTHORIZED LANDFILL. NO WASTE/DEBRIS		
		MATERIAL WILL BE BURIED ON-SITE WITHOUT COUNTY/STATE PERMIT. SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY		
		A SECTION 404 PERMIT FROM THE U.S. ARMY CORPS OF ENGINEERS (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) IV.D.2.C.(1)."		
	42.	"ALL PERMITTEE'S SHALL ENSURE AND DEMONSTRATE THAT THE SITE IS IN COMPLIANCE WITH THE ES&PC PLAN WITH RESPECT TO ALL APPLICABLE STATE AND LOCAL WASTE WATER DISPOSAL, SANITARY SEWER		
	43.	OR SEPTIC SYSTEM REGULATIONS. (NPDES IV.D.2.C.(3)." "CONTRACTOR SHALL MAINTAIN CONSTRUCTION EXITS TO PREVENT TRACKING OF MUD INTO PUBLIC		
L	44.	RIGHT-OF-WAY."		
		1 2 3		4 5 6

2 3 4 5

- O CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A STRE UFFER SHALL REMAIN IN ITS NATURAL, UNDISTURBED, STATE OF ' AND-DISTURBING ACTIVITIES ON THE CONSTRUCTION SITE ARE COMP IE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO I
- IITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTRO ISTALLATION. PROOF OF SITE VISIT SHALL BE KEPT ON-SITE. ION-STORM WATER DISCHARGES SUCH AS FIRE HYDRANT FLUSHING, ICLUDING WATER LINE FLUSHING; IRRIGATION DRAINAGE; AIR CONDIT NCONTAMINATED GROUNDWATER; AND FOUNDATION OR FOOTING DI
- AME MANNER AS STORM WATER DISCHARGES." CONTRACTOR SHALL MONITOR, REPORT REQUIREMENTS, AND RETAIN PDES PERMIT NO. GAR 100001. "CONTRACTOR SHALL COMPLY WITH A
- HE GENERAL NPDES PERMIT NO. GAR 100001." 25 FOOT BUFFER ADJACENT TO ALL STREAMS, CREEKS, LAKES, PONE AINTAINED BY THE SOIL EROSION CONTROL AND SEDIMENT CONTROL 3 PARAGRAPH 15). AN EXEMPTION IS GRANTED TO HOMEOWNERS WI CTIVITIES SUCH AS HOME LANDSCAPING, HOME GARDENS, REPAIRS A SECTION 3.1 PARAGRAPH 3)."
- ONTRACTOR SHALL ACQUIRE A COPY OF "FIELD MANUAL FOR EROSIC EORGIA, VEGETATION AND STRUCTURAL BEST MANAGEMENT PRACTI CTIVITIES, AS PUBLISHED BY THE GEORGIA SOIL AND WATER CONSER DITION."
- HE PRIMARY PERMITEE MUST KEEP AN APPROVED ES&PC PLAN ON-SI AINTAIN A BMP INSPECTION LOG, A DAILY RAINFALL LOG BOOK, AND A ITRANCE/EXIT AREA LOG BOOK. TURBIDITY DATA MUST BE KEPT UP-T .D.5.A.(3)."
- HE PRIMARY PERMITTEE MUST SAMPLE ALL RECEIVING WATER(S), AI OMBINATIONOF RECEIVING WATERS AND OUTFALLS. RECEIVING WAT OWNSTREAM SAMPLE LOCATION. (NPDES IV.D.5.C.(1)." "NPDES SAMPL N THIS SITE WILL BE BY GRAB SAMPLE METHOD. SAMPLES WILL BE PE ERMITTEE OR ITS AGENT TAKEN AND ANALYZED NO LATER THAN 48 H HALL BE COLLECTED WHERE THE STREAM IS WELL MIXED FROM HORIZ OW. WHEN COLLECTING THE SAMPLE, FACE SAMPLING CONTAINER U EDIMENT AT BOTTOM OF STREAM. LIFT SAMPLE OUT OF STREAM KEEF EBRIS. AFTER SAMPLES HAVE BEEN COLLECTED IT SHALL BE ANALYZ ROPERLY CALIBRATED TURBIDIMETER WITHIN 48 HOURS. (NPDES IV.) * FOR THIS SITE THE GRAB METHOD WILL BE USED FOR UPSTREAM M WNSTREAM MONITORING POINTS 'MP-2'
- * SEE ADDITIONAL PERMIT COVERAGE NOTES THIS SHEET FOR AUTHO /ERAGE, WATER QUALITY COMPLIANCE, SAMPLING ME
- THE PRIMARY PERMITTEE MAY USE AN ALTERNATE DESIGN PROFESSIO AY BMP INSPECTION, PROVIDED THAT THE PRIMARY MAKES A WRITTE ROM THE DESIGN PROFESSIONAL WHO DEVELOPED THE PLAN AND TH RIMARY PERMITTEE IS TO PROVIDE EACH SECONDARY PERMITTEE V HE ES&PC THAT PERTAINS TO THEIR CONSTRUCTION ACTIVITY AND EA
- IGN THE PLAN OR PORTION OF THE PLAN APPLICABLE TO THEIR SITE. ND INFRASTRUCTURE PROJECTS." <u>SECONDARY PERMITTEE UNKNOW</u> MENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFI /DRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFES
- ONTRACTOR TO PROVIDE BMPS FOR CONCRETE WASHDOWN OF TOOI DPPERS AND THE REAR OF THE VEHICLES. WASHOUT OF THE DRUM / OHIBITED.
- WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE S ECTION 404 PERMIT."
- PPROVED PLANS AND NPDES DAILY LOG MUST BE ON SITE AT ALL TIM EDIMENT STORAGE VOLUME MUST BE IN PLACE PRIOR TO AND DURING NTIL FINAL STABILIZATION OF THE SITE HAS BEEN ACHIEVED.
- TROLEUM STORAGE SHALL BE DONE IN ACCORDANCE WITH ONE OF REVENT STORM WATER DISCHARGES ON THE SITE. ALL PETROLEUM STORAGE CONTAINERS SHALL BE COVERED WITH F UNDER A TEMPORARY ROOF.
- ALL PETROLEUM STORAGE CONTAINERS SHALL BE LOCATED IN A SEC NRC PHONE # 1-800-424-8802.

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IPDES IV.D.2.C.(2). CONTR ISTRUCTION EXITS, VEHIC ED."							
P' AS MANUFACTURED BY ALLONS/ACRE IN A HYDRO ME ACRE ON ALL DISTURE CTIONS AND RECOMMENI	DSEEDER MIX BED OR						
DRAGE CONTAINERS REG AND SHALL KEEP ON HAN TE, SAND AND LEAN SOIL, CORDANCE WITH ALL STA	D DRY, , AND SHALL						
FREAM BUFFER AND THE S OF VEGETATION UNTIL AL MPLETED." O INSPECT THE INSTALLA FROLS BMPS WITHIN 7 DA	L TION OF THE						
NG, POTABLE WATER SON NDITIONING CONDENSATI DRAINS ARE TO BE TREA	E; SPRINGS;						
AIN RECORDS PER THE G H ALL REQUIREMENTS AS							
PONDS, ETC. IS REQUIRED ROL ORDINANCE (ARTICLI S WHO PERFORM MINOR L RS AND MAINTENANCE WO	E 4 SECTION ANDSCAPING						
DSION AND SEDIMENT CO CTICES (BMP'S) FOR LANI ISERVATION COMMISSION	D DISTURBING						
N-SITE. PRIMARY PERMIT ID A DAILY CONSTRUCTIO JP-TO-DATE AND ON-SITE.	N						
, AND/OR ALL OUTFALLS, /ATERS MUST HAVE AN UF /PLING FOR ALL MONITOF E PERFORMED BY THE PR 8 HOURS AFTER A GRAB. ORIZONTAL AND VERTICA CRUPSTREAM AND DO NO CEEPING SAMPLES FREE C LYZED USING A DIRECT RE V.D.5.A.(2)." // MONITORING POINTS 'MI	PSTREAM AND RING POINTS IMARY SAMPLES AL CENTER OF DT STIR DF FLOATING EAD,						
THORIZED COVERAGE, LII IETHODOLOGY AND FREG SSIONAL TO CONDUCT TH TTEN REQUEST TO EPD T D THE E.P.D. HAS AGREED E WITH THE APPLICABLE F D EACH SECONDARY PER TE. NOT APPLICABLE FOR OW AT THE TIME OF NDPE VIFICANT EFFECT ON BMP ESSIONAL." TOOLS, CONCRETE MIXER IM AT THE CONSTRUCTION	UENCY. IE SEVEN (7) O CHANGE " PORTION OF MITTEE SHALL STAND ALONE S PERMITTING. 'S WITH A CHUTES,						
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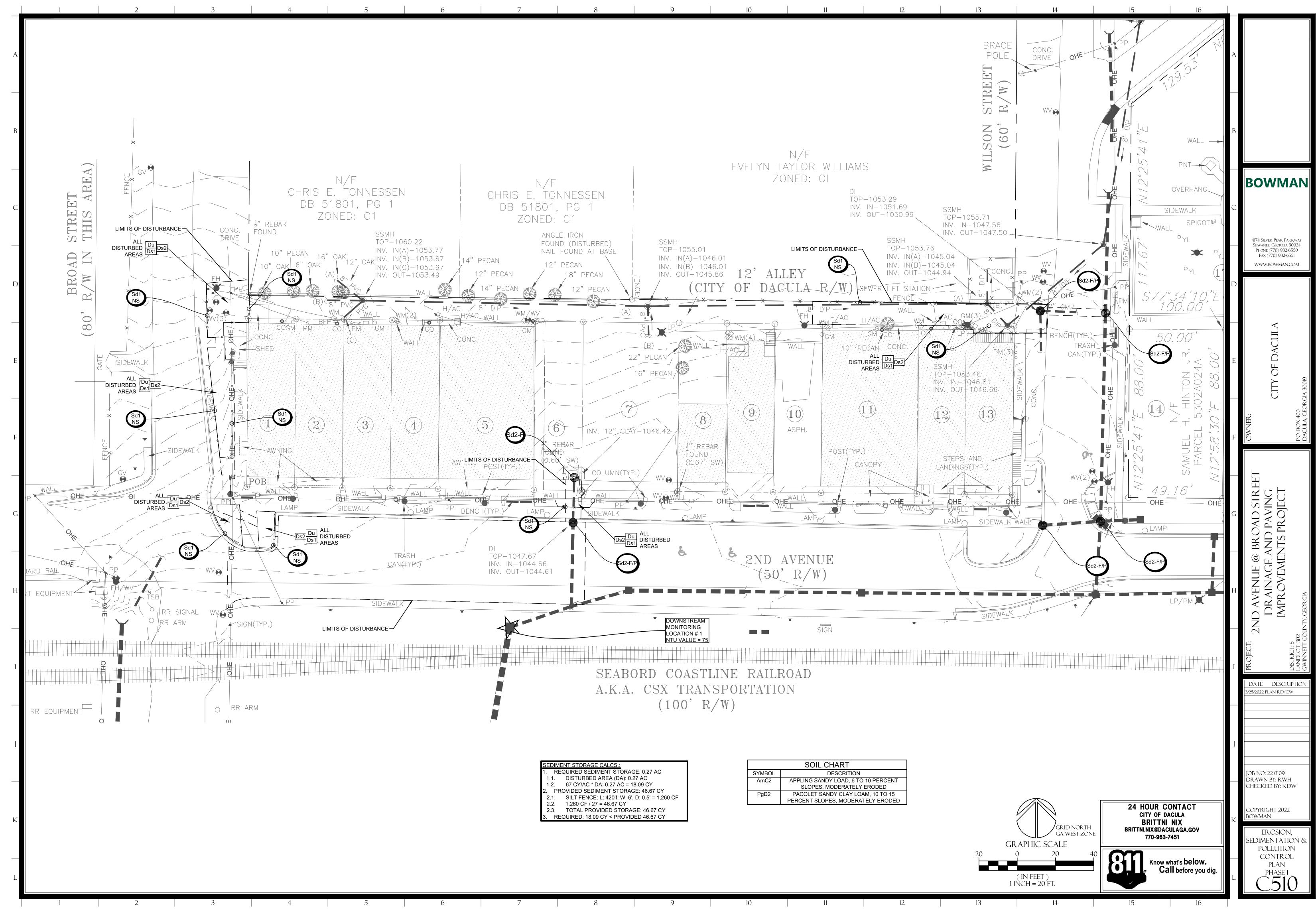
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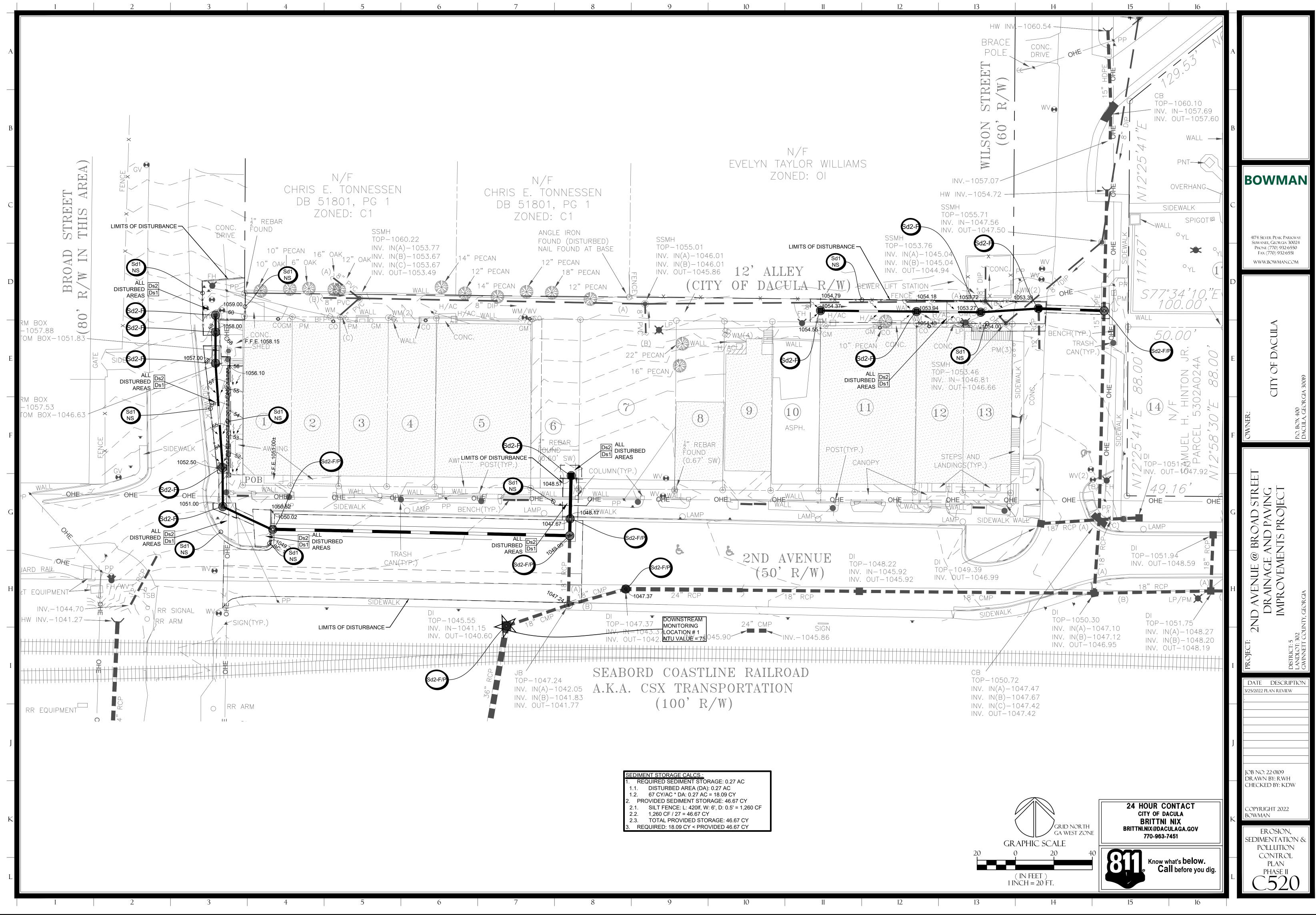
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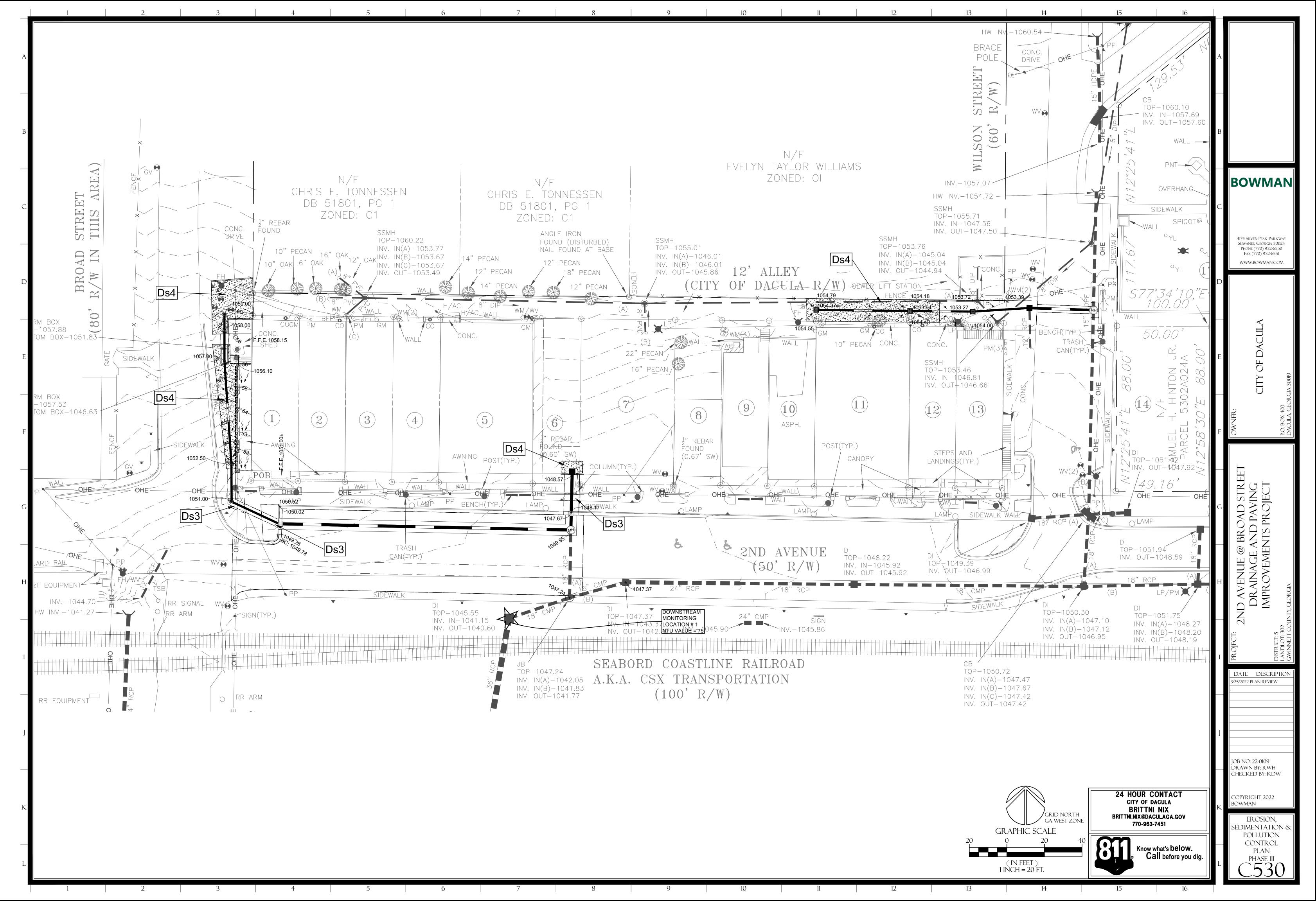
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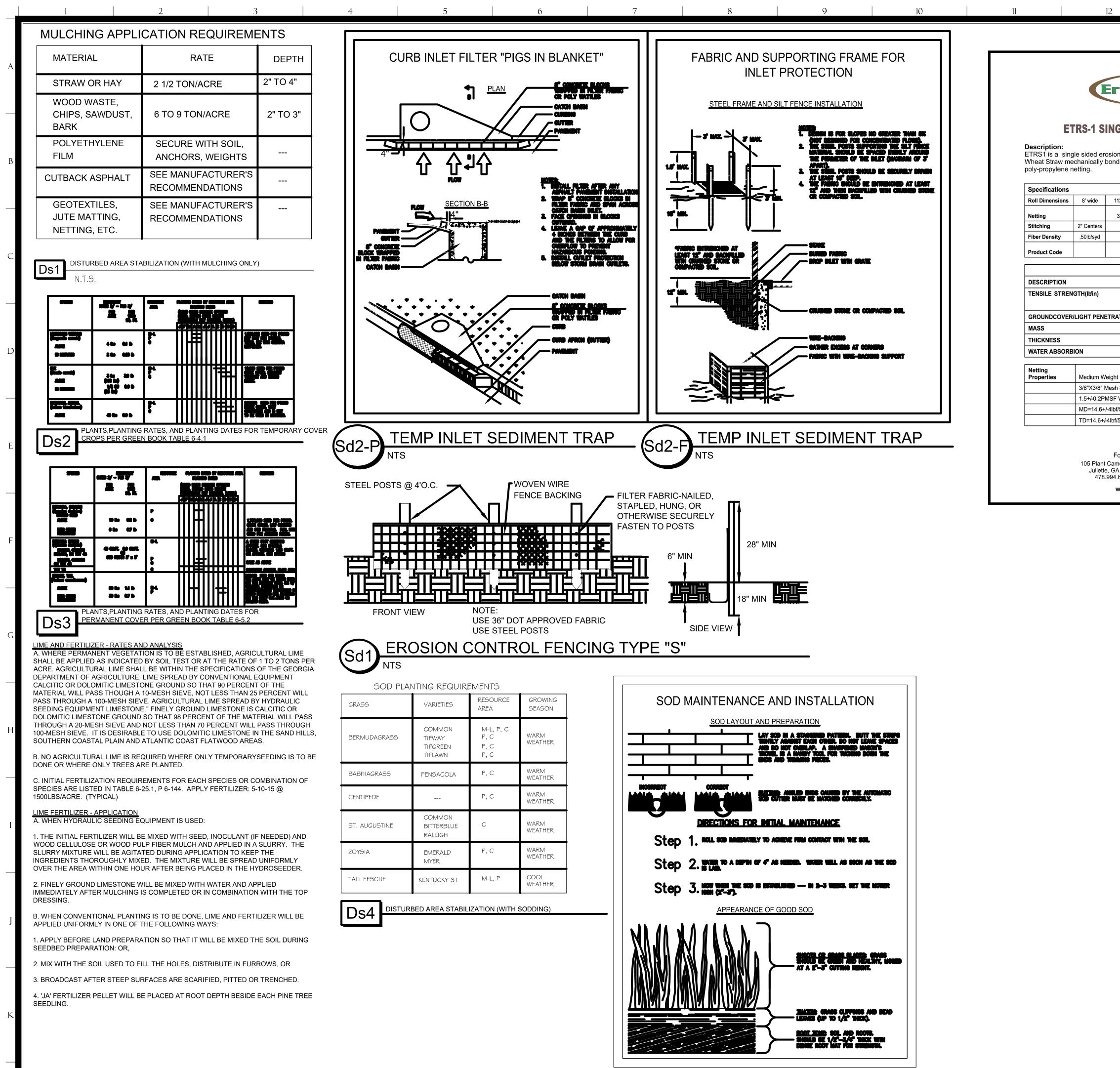
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	ASTM 6525	382 mils	
	ASTM D1117	432%	
ht Green Netti sh Size (Nomir F Weight bf/5strands/3" of/5strands/3"			
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