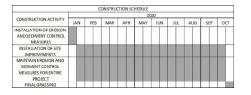
HAW CREEK ROAD OUTFALL SEWER AND FORCE MAIN EROSION CONTROL NOTES: SITE DEVELOPMENT PLANS THE PROJECT RECEIVING WATERS ARE ADJACENT AREAS CONSIST OF RESIDENTIAL AND WOODED AREAS.

CITY OF CUMMING, FORSYTH COUNTY, GA



LOCATION MAP SCALE: N.T.S.

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Liang Wang

LIANG WANG PE

GSWCC NO. 0000083427

* 24-HOUR CONTACT: JON HEARD (770) 781-2020



Sheet Numb

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11

12

15 16

17

13 14



Call FREE THROUGHOUT GEORGIA 1-800-282-7411 IN ATLANTA: 325-5000

THREE WORKING DAYS BEFORE YOU DIG IT'S THE LAW



BID READY: 10/16/19

1. OWNER / PRIMARY PERMITTEE: CITY OF CUMMING 100 MAIN STREET CUMMING, GEORGIA 30040 (770) 781-2020

2. ENGINEER: CIVIL ENGINEERING CONSULTANTS, INC. 110 SAMARITAN DRIVE, SUITE 201 CUMMING GEORGIA 30040 PHONE: (770) 977-5747

3 SURVEYOR: TERRAMARK LAND SURVEYING, INC. 1396 BELLS FERRY ROAD MARIETTA, GA 30066 PHONE: 770-421-1927

ORIGIN OF SURVEY: FIELD RUN TOPOGRAPHY - 02/01/2018

4. DISTURBED AREA: LINEAR DISTURBED AREA FORCE MAIN/GRAVITY SEWER: 3.60 AC. PUMP STATION DISTURBED AREA: 0.0 AC. TOTAL DISTURBED AREA: 3.60 AC.

5. APPROXIMATELY 250 FEET OF GRAVITY SEWER WILL BE IN FLOOD ZONE AE PER FEMA FLOOD INSURANCE RATE MAR PANEL 13117C0142F, 13117C0161G, DATED MARCH 4, 2013

6. ZONING DISTRICTS: CBD, R2R, R1, CUMMING, A1 7. LAND LOTS: 365, 366, 355, 354, 295, 296, 297, 298

84°08'21.2"W

8 PROJECT DESCRIPTION THE PROJECT WILL INVOLVE CONSTRUCTION OF APPROXIMATELY 3,151 LF OF 16-INCH DIP GRAVITY SEWER AND 4,735 LF (321 LF +/- TO BE WITHIN R/W OF SR 20) OF DIP 14-INCH FORCE MAIN. THE PROJECT WILL BEGIN AT 34°09'53.5"N 84°07'13.5"W. AND END AT 34°10'25.9"N

CIVIL ENGINEERING CONSULTANTS, INC.

Civil & Environmental Engineering

110 Samaritan Drive, Suite 201 Cumming, GA 30040 (770) 977-5747

www.cecincga.com

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GENERAL NOTES:

- EXISTING SITE CONDITIONS: THE PROPOSED SITE IS LOCATED IN CITY OF CUMMING. THE EXISTING SITE IS ADJACENT TO THE PUBLIC RIGHT-OF-WAY AND OTHER AREAS CONSIST OF WOODED LAND, RIMARLY UNDEVELOPED WITH SOME AREAS RESIDENTIAL AREAS. THE EXISTING PROJECT SITE CONSISTS OF GRADES FROM 0.00% TO 10%. SURROUNDING AREAS ARE UNDISTURBED WITH FEW EXCEPTIONS AND SURFACE RUNOFE IS MINIMAL
- PROPOSED CONDITIONS: PROJECT AREA IS MORE THAN ONE (1) 2 PROPOSED CONDITIONS: PROJECT AREA IS MORE THAN ONE (1) ACRE OF DISTURBANCE. ALL DISTURBED AREAS WILL BE RESTORED TO EXISTING GRADE AND STABILIZED WITHIN 3 DAYS AS SOON AS CONSTRUCTION PERMITS. THE PROJECT WILL ADD 0000 SF AREA OF IMPERVIOUS SURFACE WITH THE ADDITION OF THE WATER TANK ACCESS DRIVE AND THE WATER TANK ITSELF RUNOFF FROM THE IMPERVIOUS AREA IS SHEET FLOW ACROSS WELL DEVELOPED GRASSED AREAS.
- ALL IMPROVEMENTS WILL CONFORM WITH THE CITY OF CUMMING 3 CONSTRUCTION STANDARDS AND SPECIFICATIONS, LATEST EDITION
- ALL UNDISTURBED BUFFERS SHALL BE IDENTIFIED WITH ORANGE, FOUR-FOOT TREE-SAVE FENCING PRIOR TO ANY LAND DISTURBANCE (UDC SEC. 18-10.1)
- OUTSIDE CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE HOURS OF 7:00 A.M. TO 7:00 P.M. MONDAY TROUGH FRIDAY, 8:00 A.M. TO 6:00 P.M. SATURDAY, AND NO OUTSIDE CONSTRUCTION ON SUNDAY (UDC 10-1.13).
- THIS PROJECT SITE IS WITHIN 200 FEET OF STATE WATERS. CONSTRUCTION WASTE MAY NOT BE BURNED OR BURIED AND
- MUST BE HAULED TO A STATE APPROVED LANDFILL.
- ALL UTILITY LINES SHALL BE INSTALLED UNDERGROUND
- ALL DISTURBED AREAS SHALL BE RETURNED TO EXISTING GRADE AS SOON AS CONSTRUCTION PERMITS.
- MAXIMUM CUT SLOPES SHALL BE 2 HORIZONTAL TO 1 VERTICAL 10 CONTINUOUS FILL SLOPES TEN (10) FEET IN HEIGHT OR LESS MAY BE 2 HORIZONTAL TO 1 VERTICAL. ALL CONTINUOUS FILL SLOPES THAT EXCEED TEN (10) FEET IN HEIGHT MUST BE 3 HORIZONTAL TO 1 VERTICAL UNLESS: a) A MECHANICALLY ENGINEERED STABILIZED SLOPE IS APPROVED BY THE FORSYTH COUNTY DIRECTOR OF ENGINEERING: OR b) THE DESIGNED AND CONSTRUCTED SLOPES ARE CERTIFIED BY A REGISTERED. ENGINEER EXPERIENCED IN GEOTECHNICAL ENGINEERING AND LICENSED IN THE STATE OF GEORGIA

- 2. CONTACT SCOTT GUNTER AT (770) 781-2165 24 HOURS PRIOR TO WORKING WITHIN 400' OF ANY TRAFFIC SIGNAL
- 3. NOTIFY FORSYTH COUNTY INSPECTOR 24 HOURS BEFORE THE BEGINNING PHASE OF CONSTRUCTION, (770) 781-2165
- 4 IRRIGATION SYSTEMS ARE PROHIBITED ON ALL EXISTING AND
- DRIVES IF FORSYTH COUNTY DETERMINES THEY ARE CREATING TRAFFIC PROBLEMS AND/OR ACCIDENTS OR IF ROAD IS WIDENED
- LOCATED WITHIN A DRAINAGE OR ACCESS EASEMENT WITHOUT PRIOR APPROVAL BY THE FORSYTH COUNTY DEPARTMENT OF
- 7. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY

FORSYTH COUNTY OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE.

- MAXIMUM CUT SLOPES SHALL BE 2 HORIZONTAL TO 1 VERTICAL CONTINUOUS FILL SLOPES TEN (10) FEET IN HEIGHT OR LESS MAY BE 2 HORIZONTAL TO 1 VERTICAL. ALL CONTINUOUS FILL SLOPES THAT EXCEED TEN (10) FEET IN HEIGHT MUST BE 3 HORIZONTAL TO I HAI EALELU IEN (ID) FEEI IN HEIGHT INUSI BE 3 HORIZUNIAL I VERTICAL UNESS: a) A MECHANICALLY RONNEERED STABILIZED SLOPE ISAPPROVED BY THE FORSYNT COUNTY DIRECTOR OF ENGINEERING: OR b) THE FORSYNT COUNTY DIRECTOR OF ARE CERTIFIED BY A REGISTERED ENGINEER EXPERIENCED IN GEOTECHNICAL ENGINEERING AND LICENSED IN THE STATE OF GEORGIA
- APPROVAL OF THESE PLANS BY FORSYTH COUNTY IS SUBJECT TO AND CONTINGENT UPON THE APPLICANT OBTAINING ANY AND ALL NECESSARY APPROVALS FROM ANY AND ALL APPLICABLE AGENCIES INCLUDING, BUT NOT LIMITED TO THE UNITED STATES AGENCIES INCLIDING, BUT NOT LIMITED TO THE UNITED STATES ARMY CORPS OF ENGINEERS, THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, THE USDA-NRCS, GEORGIA DEPARTIMENT OF NATURAL RESOURCES, GEORGIA ENVIRONMENTAL PROTECTION DIVISION, AND THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION.
- 10. THIS DEVELOPMENT IS EXCEPTED FROM THE GEORGIA STORWATER MANAGEMENT MANUAL AND FORSYTH COUNTY ADDENDUM TO THE GEORGIA STORWATER MANAGEMENT MANUAL AS LESS THAN 5000 SF WILL BE DISTURBED.



COUNTY NOTES:

- FORSYTH COUNTY UTILITY PERMIT REQUIRED. CONTACT ROBIN McCOOK AT 770-781-2165 FOR UTILITY PERMIT INFORMATION.

- PROPOSED COUNTY RIGHT-OF-WAY AND CONSIDERED TO BE A VIOLATION OF THE COUNTY'S ORDINANCE PROHIBITING UN-PERMITTED RIGHT-OF-WAY ENCROACHMENTS.
- 5. FULL SERVICE DRIVES WILL REVERT TO RIGHT IN / RIGHT OUT TO A MULTI-LANE HIGHWAY WITH MEDIAN.
- 6. NO STRUCTURES, FENCES OR OTHER OBSTRUCTIONS MAY BE

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE 6 PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, AND/OR CONCURENT WITH ALL LAND DISTURBING ACTIVITIES.

2

3

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

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF

THE STATE. EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT

EROSION CONTROL ANY BUFFER DELINEATIONS AND TREE

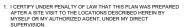
PERMANENT GROUND COVER IS ESTABLISHED.

PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL

NO LAKE IS WITHIN 500' OF THIS PROJECT THIS SITE DOES NOT CONTAIN WETLANDS.

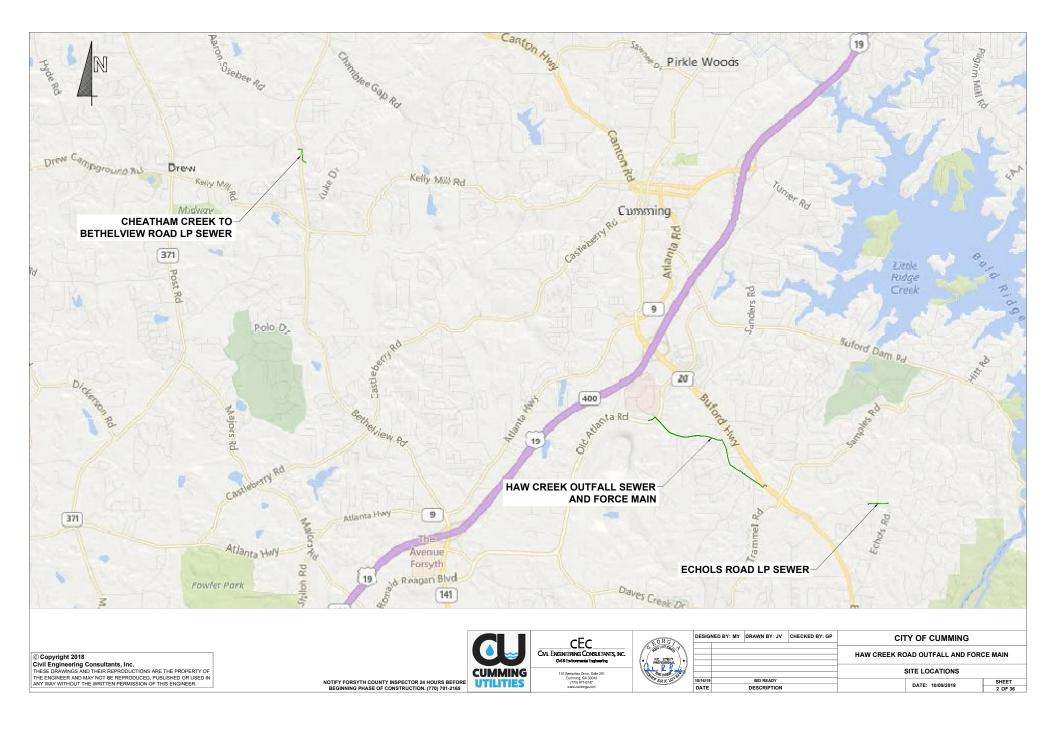
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER 8 THAN 7 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING
- NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

CERTIFICATION:

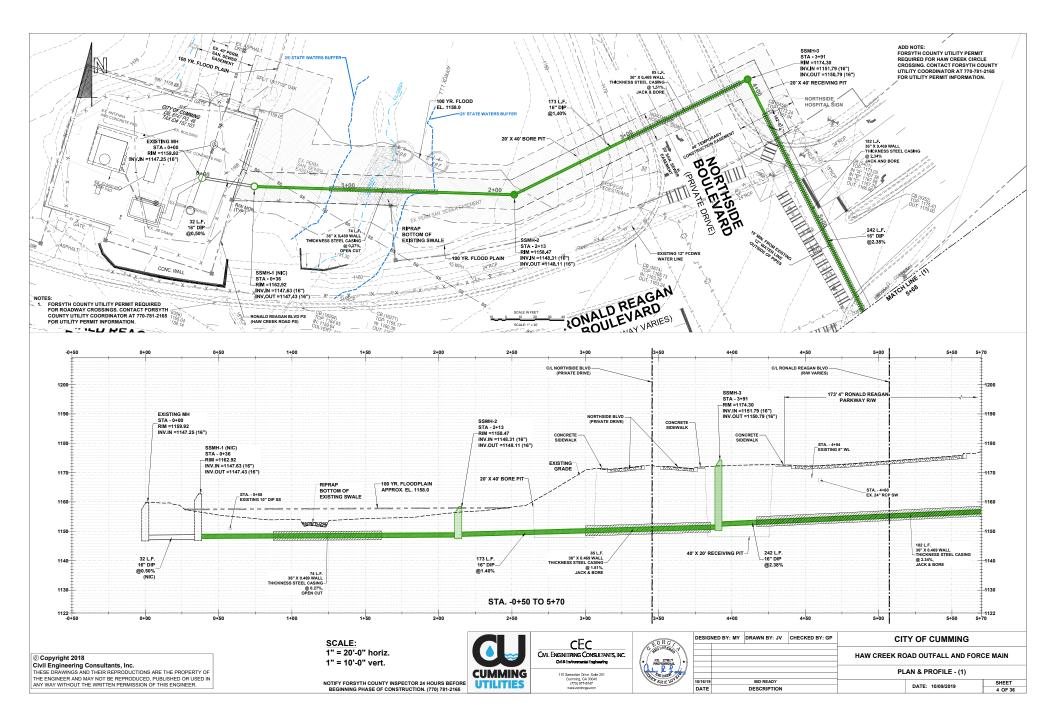


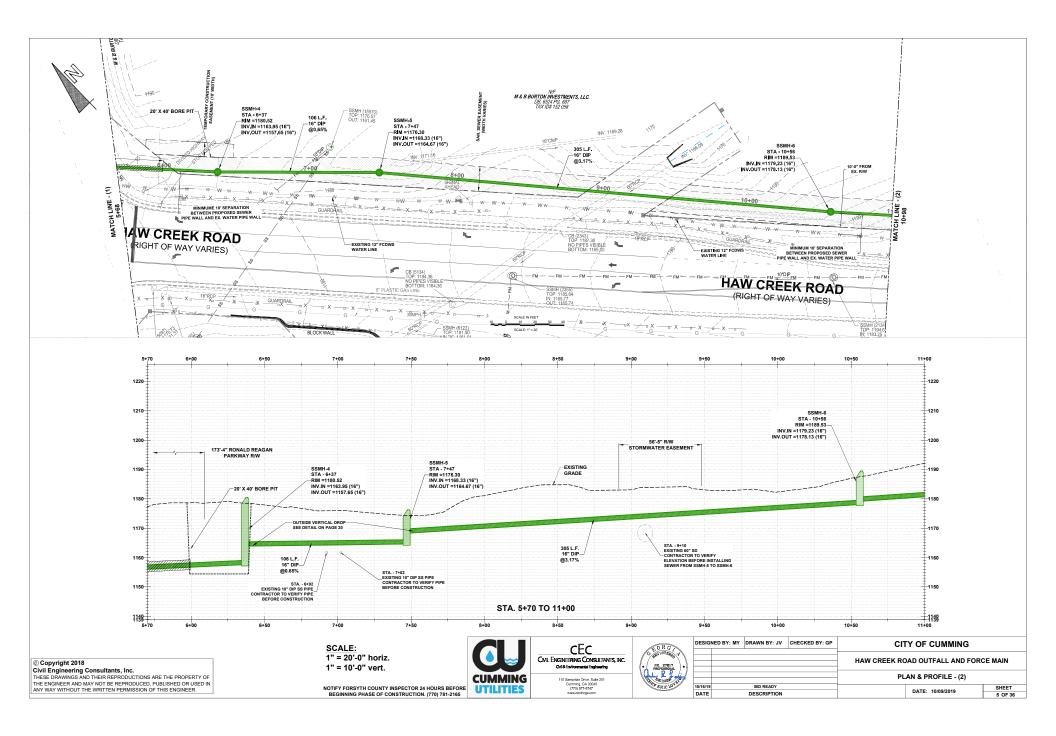
2. I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL (ES&PC) PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA." (MANUAL) PUBLISHED BY THE STATE SOL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE EARD-DISTORBING ACTIVITY WAY PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OF THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES MEETS THE DESIGN REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100002

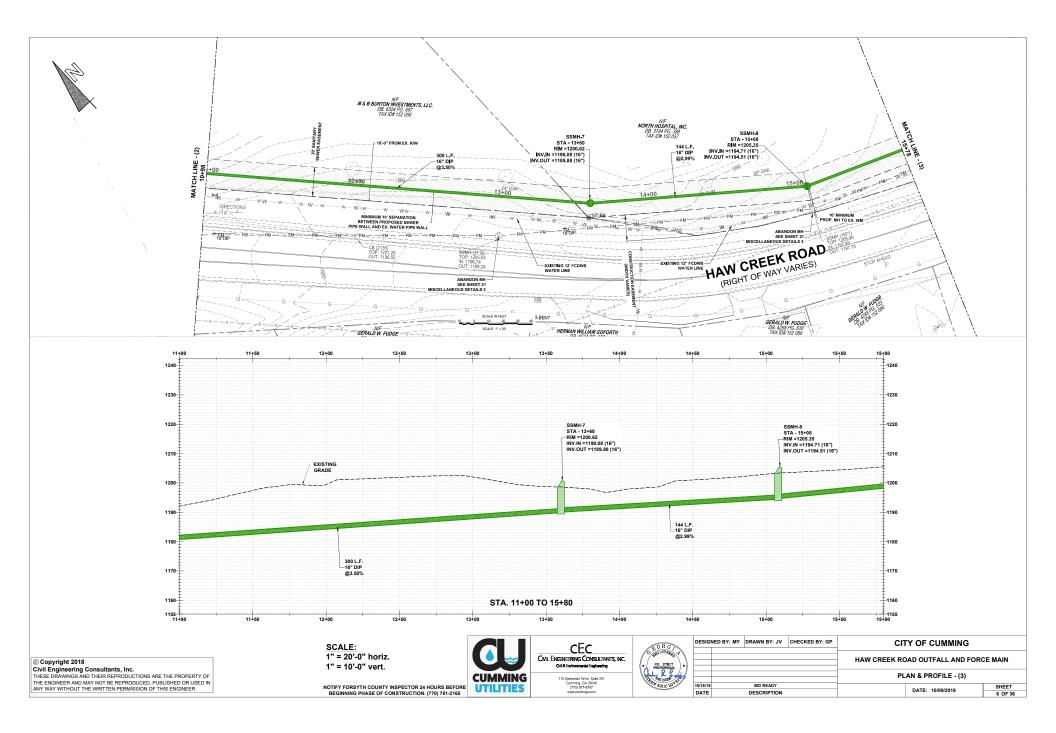
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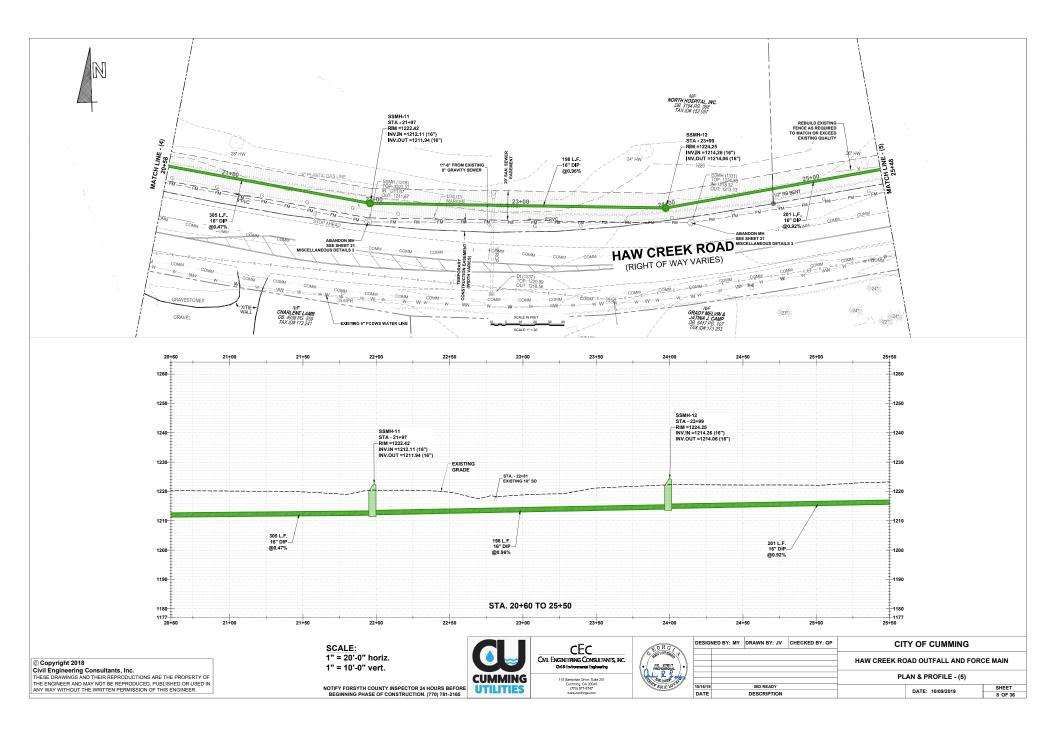


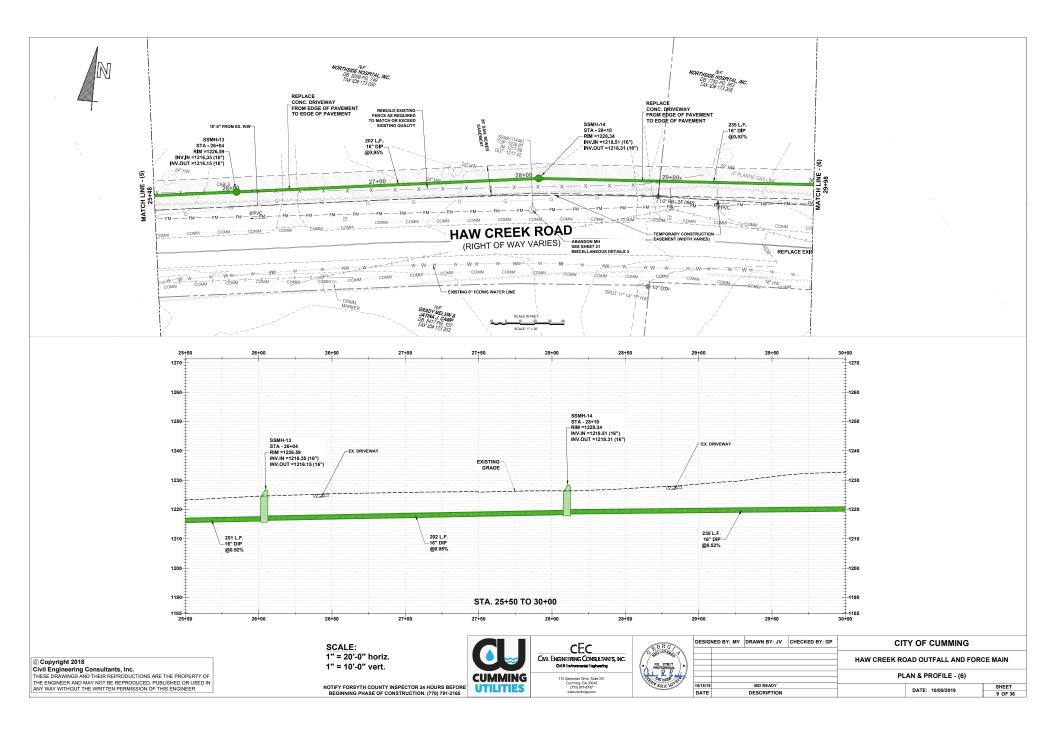


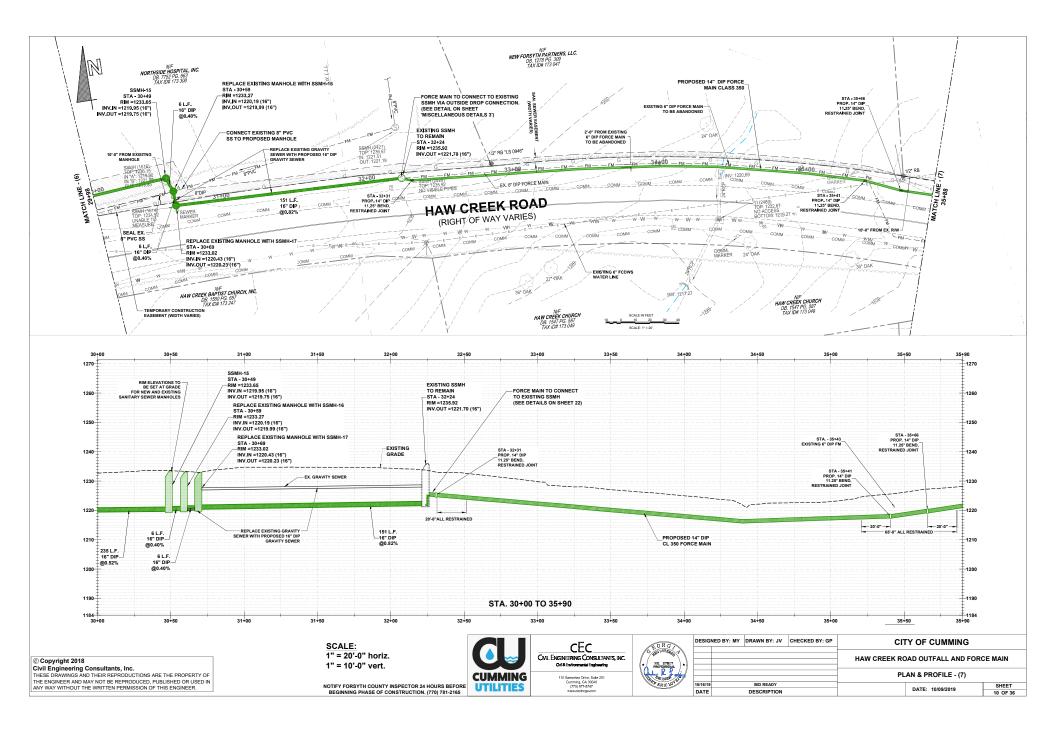


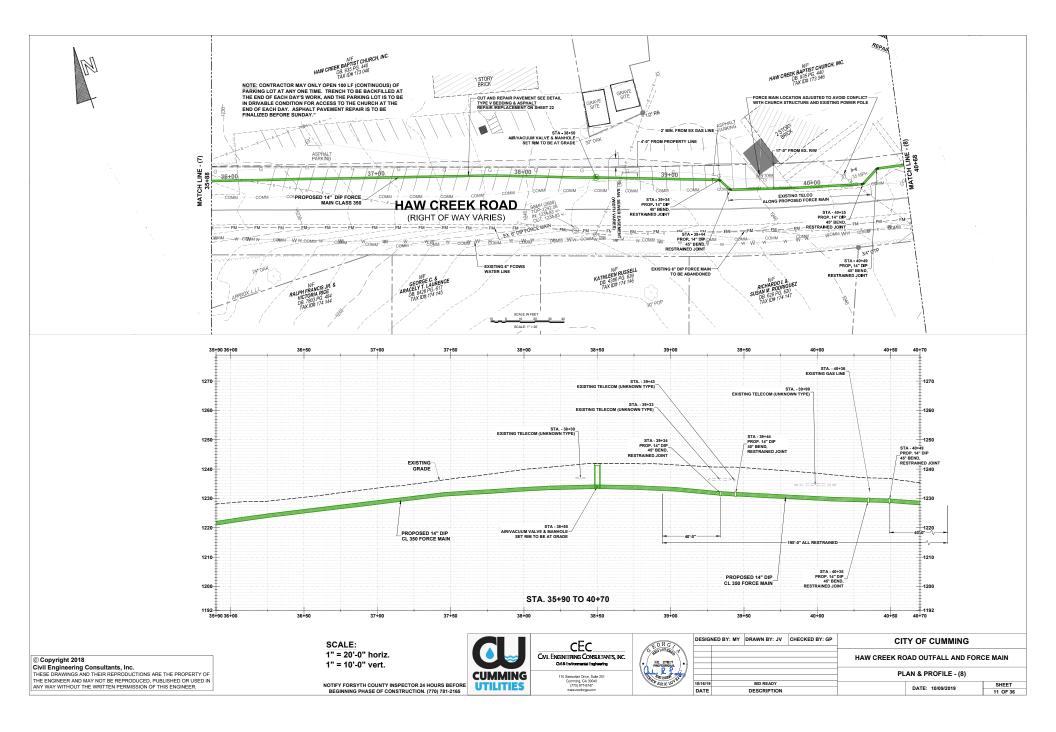


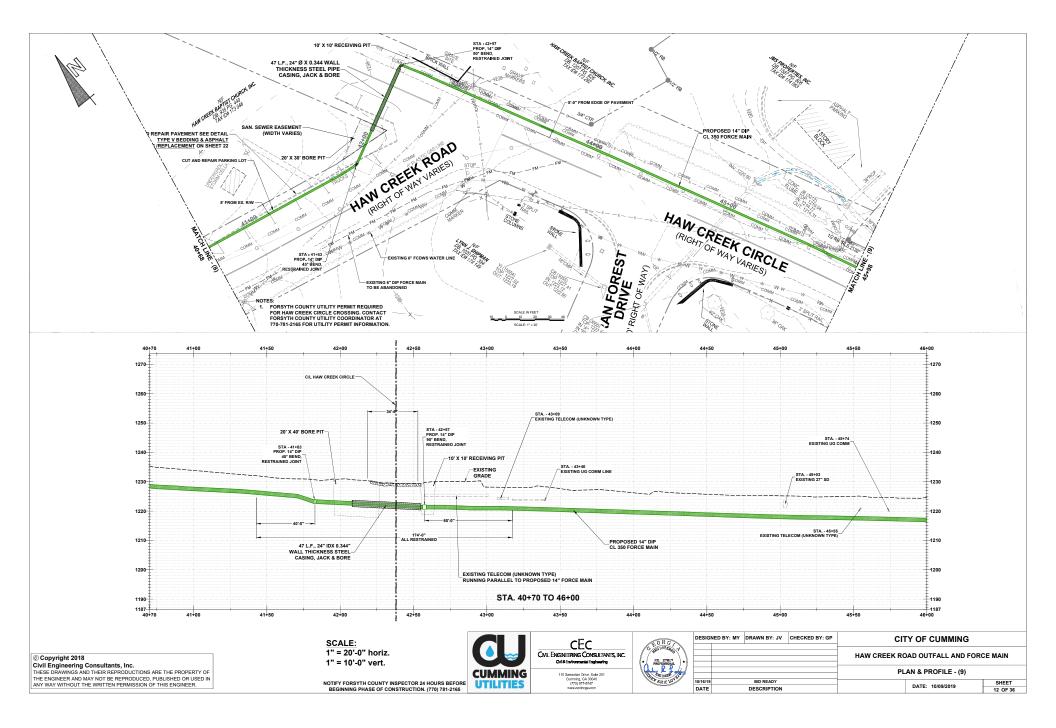


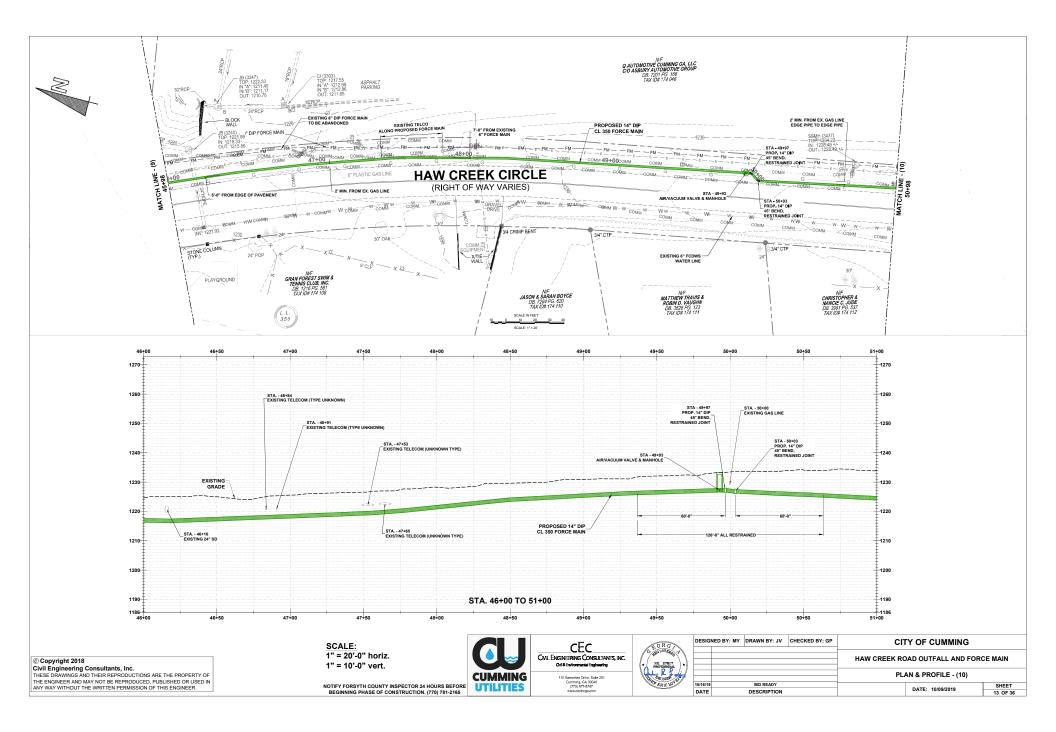


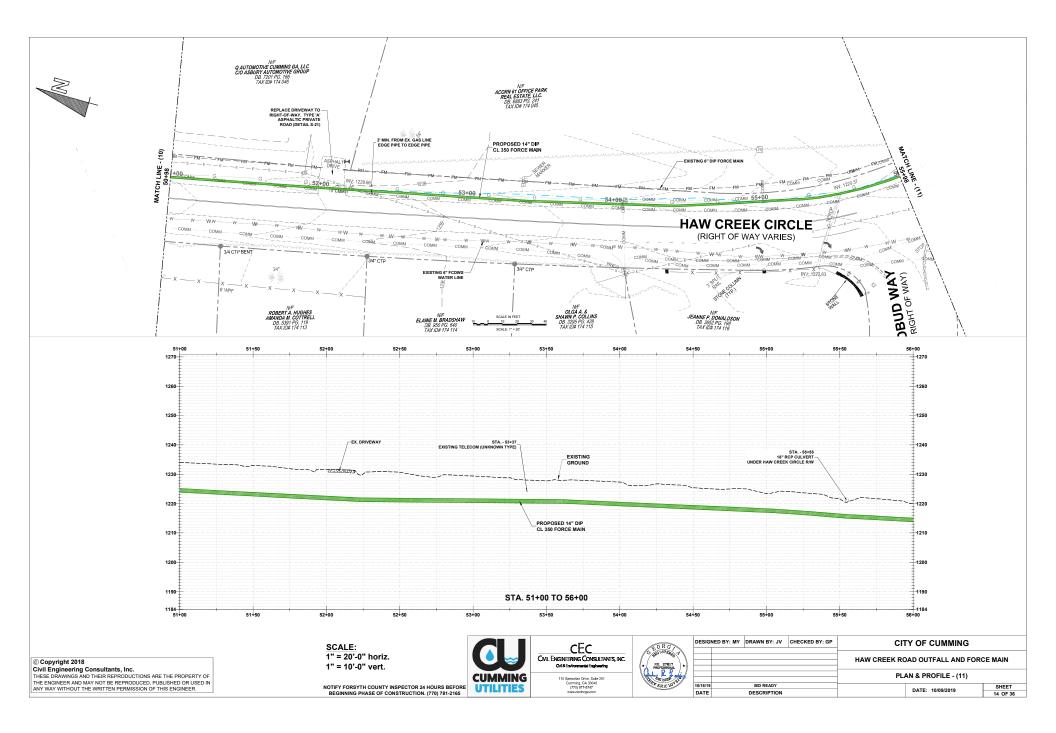


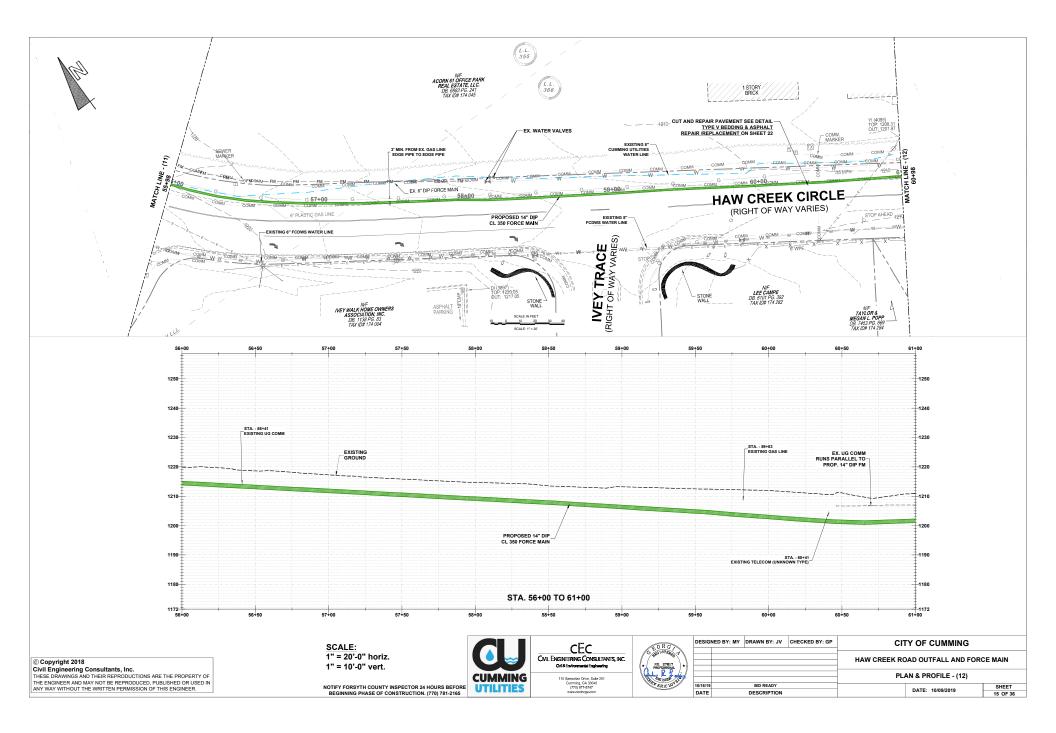


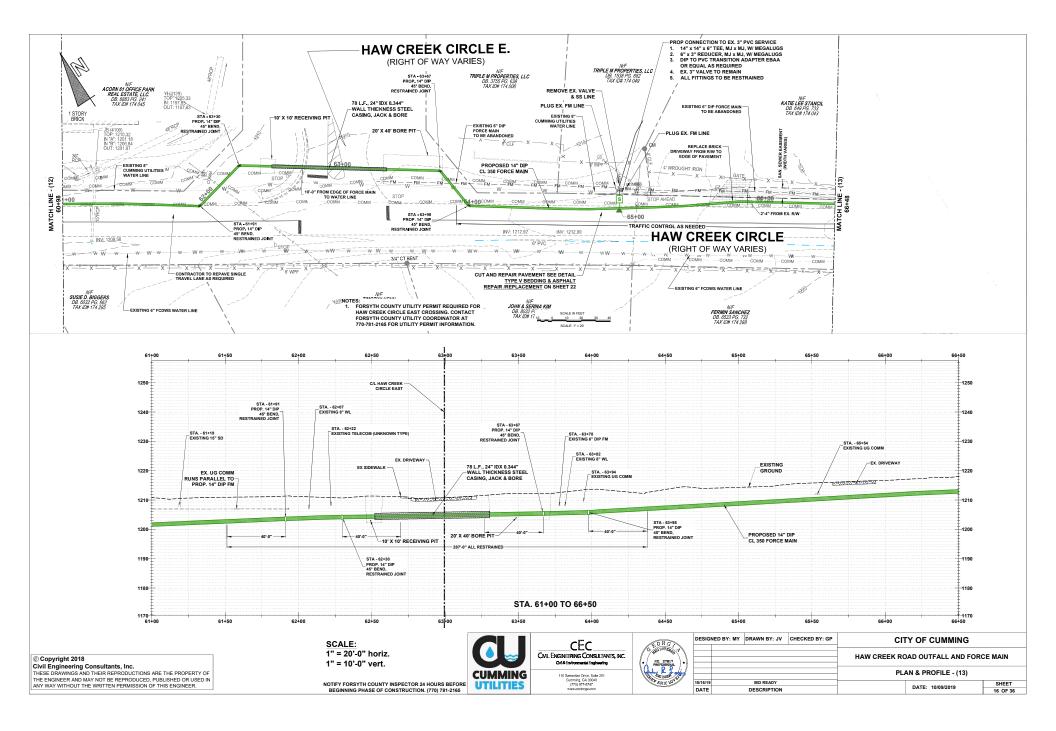


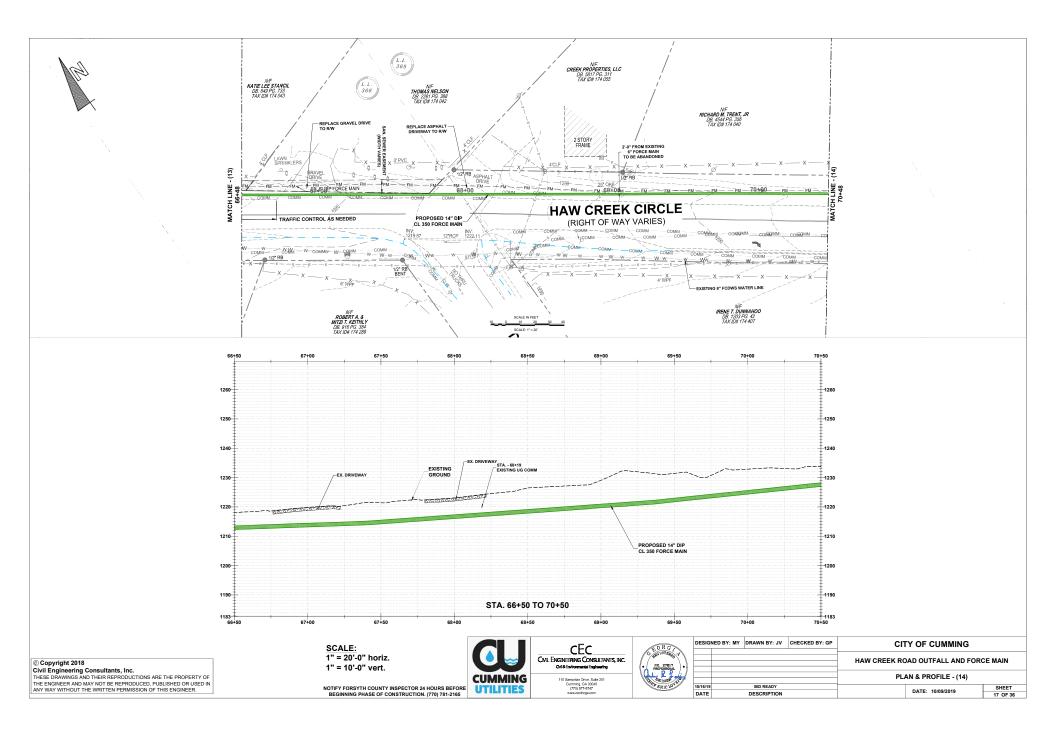


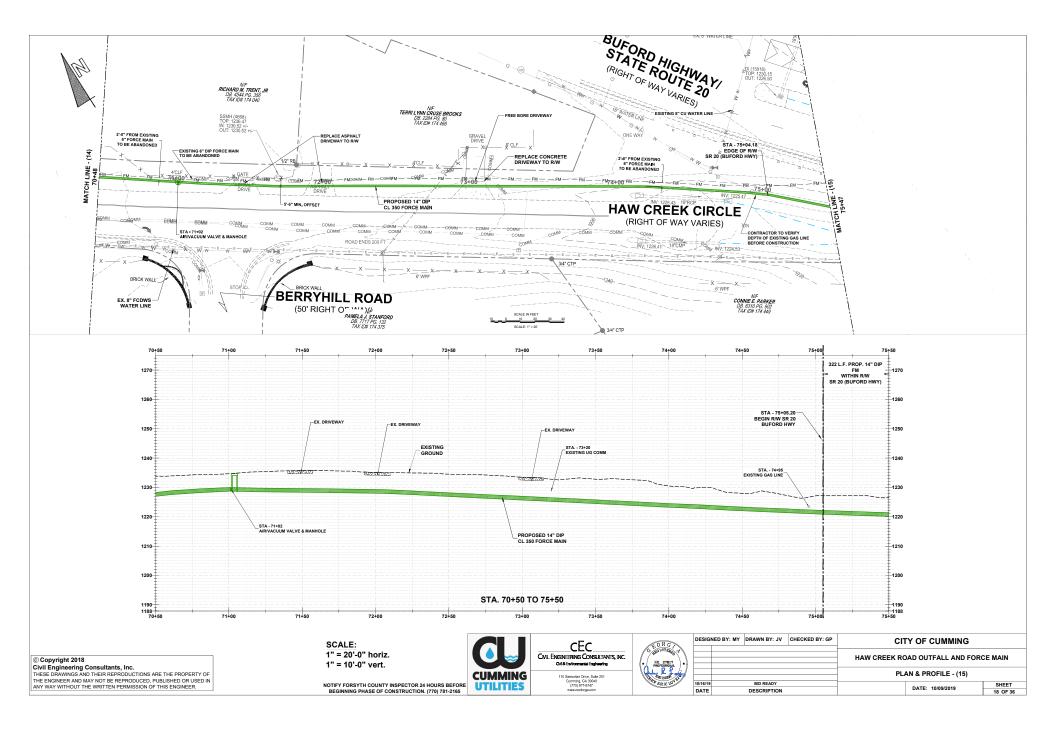




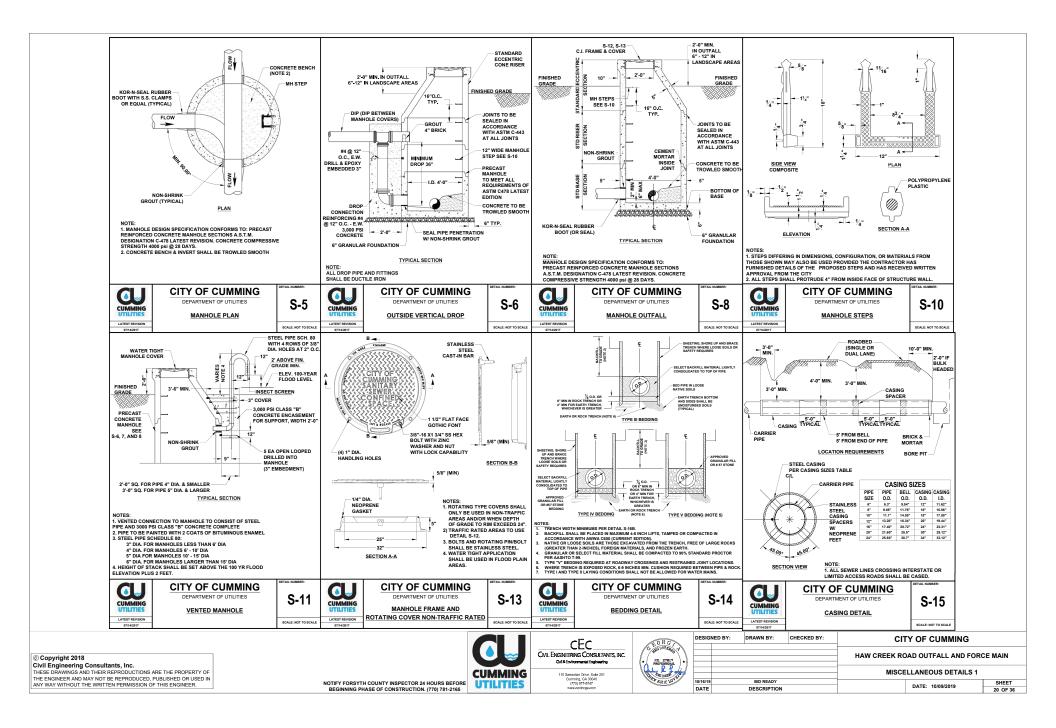


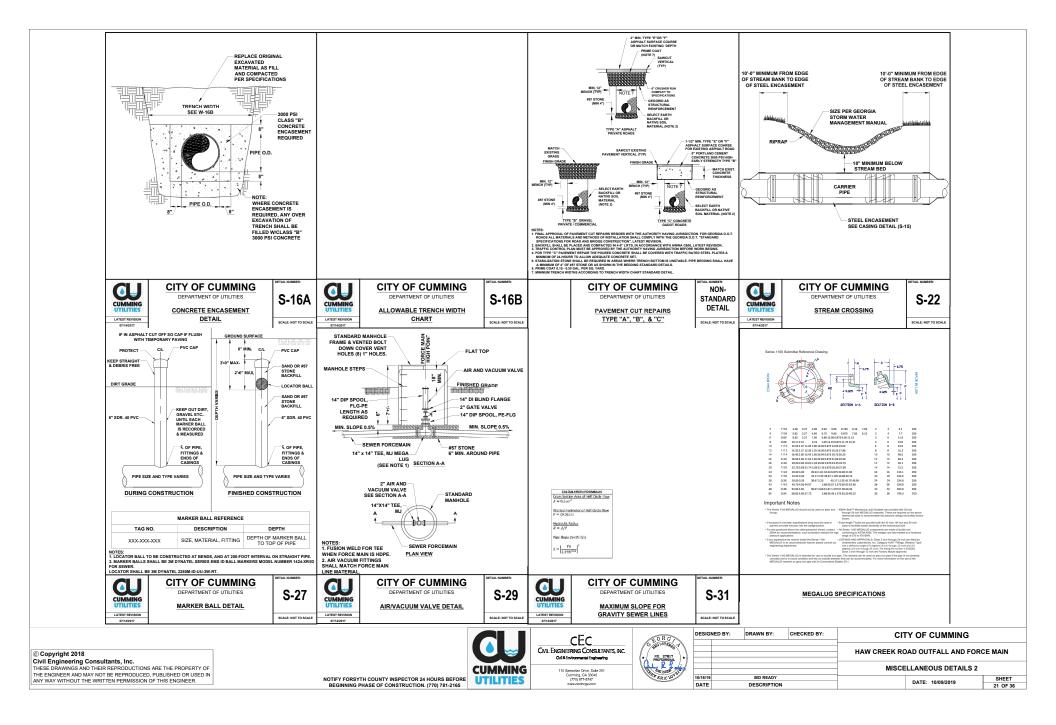


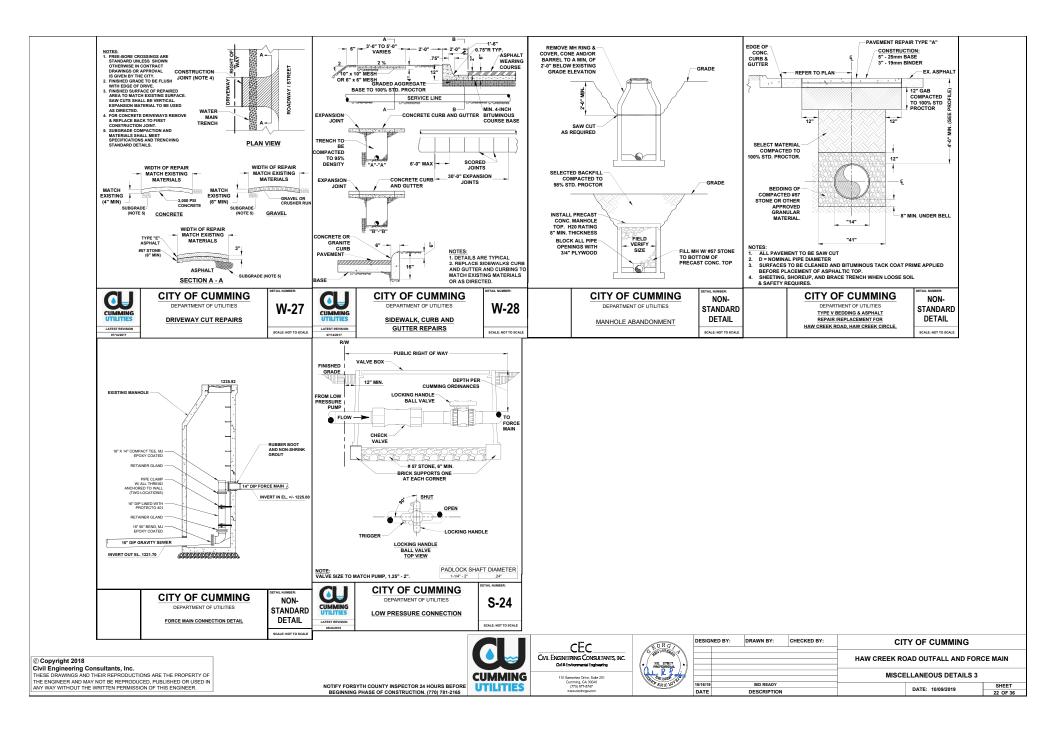






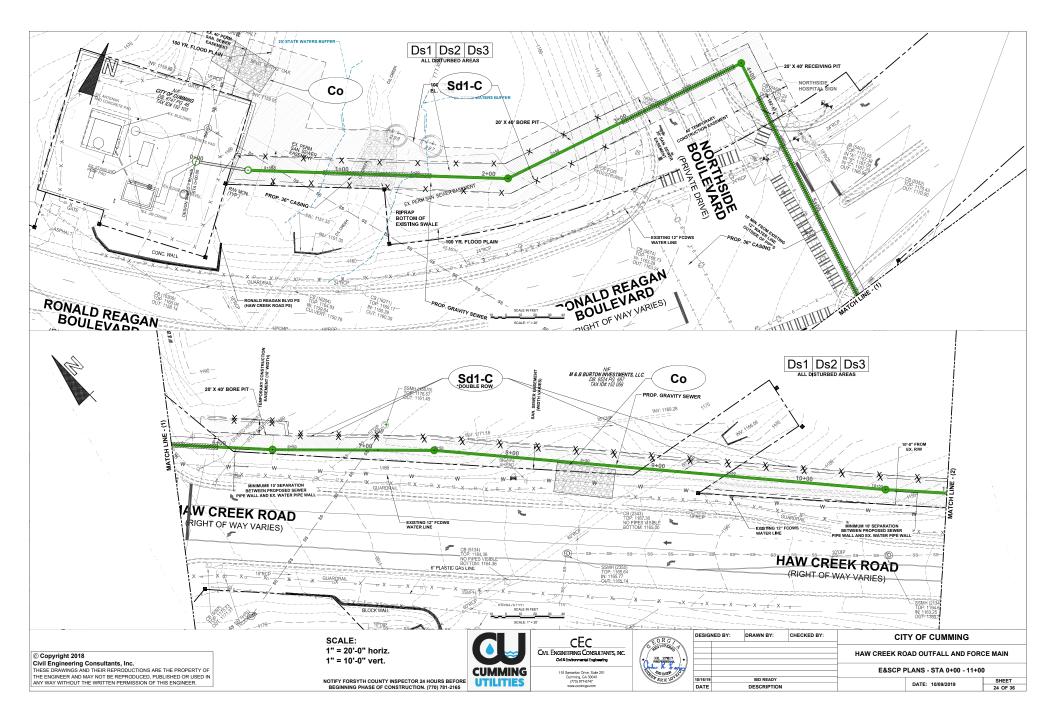


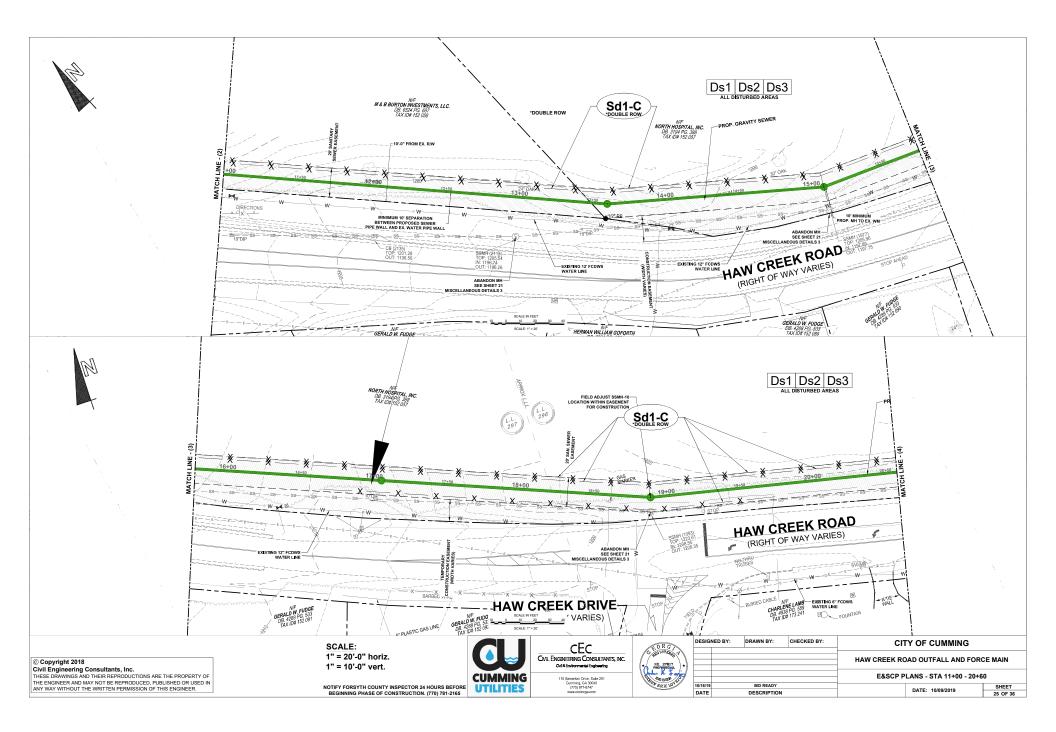


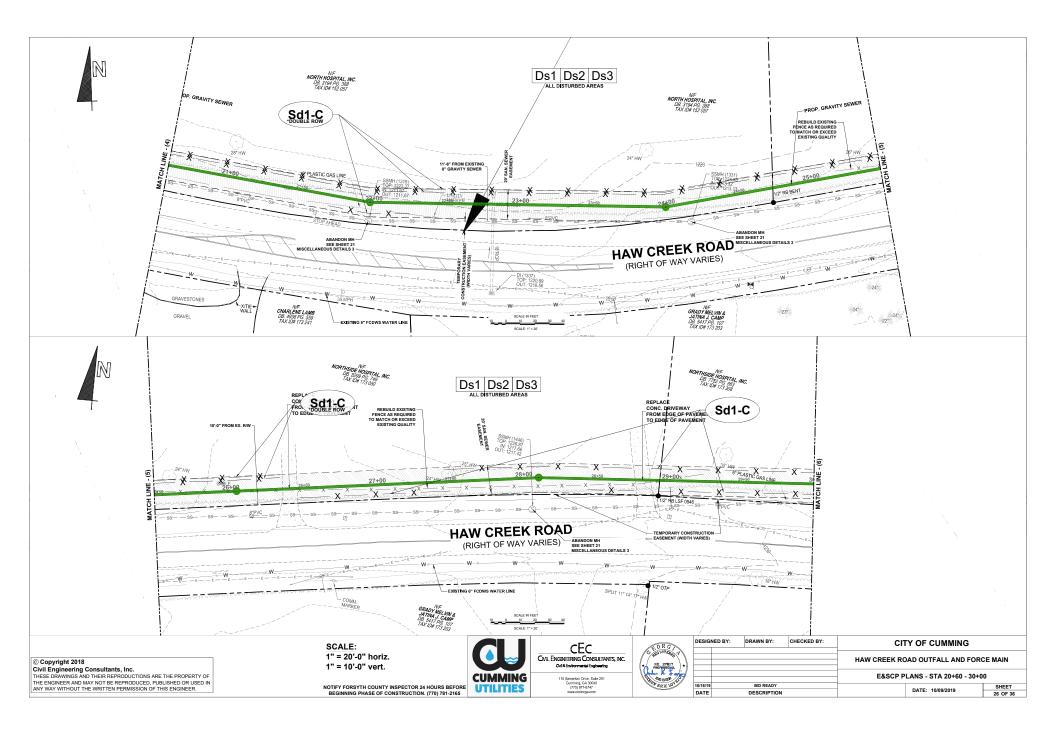


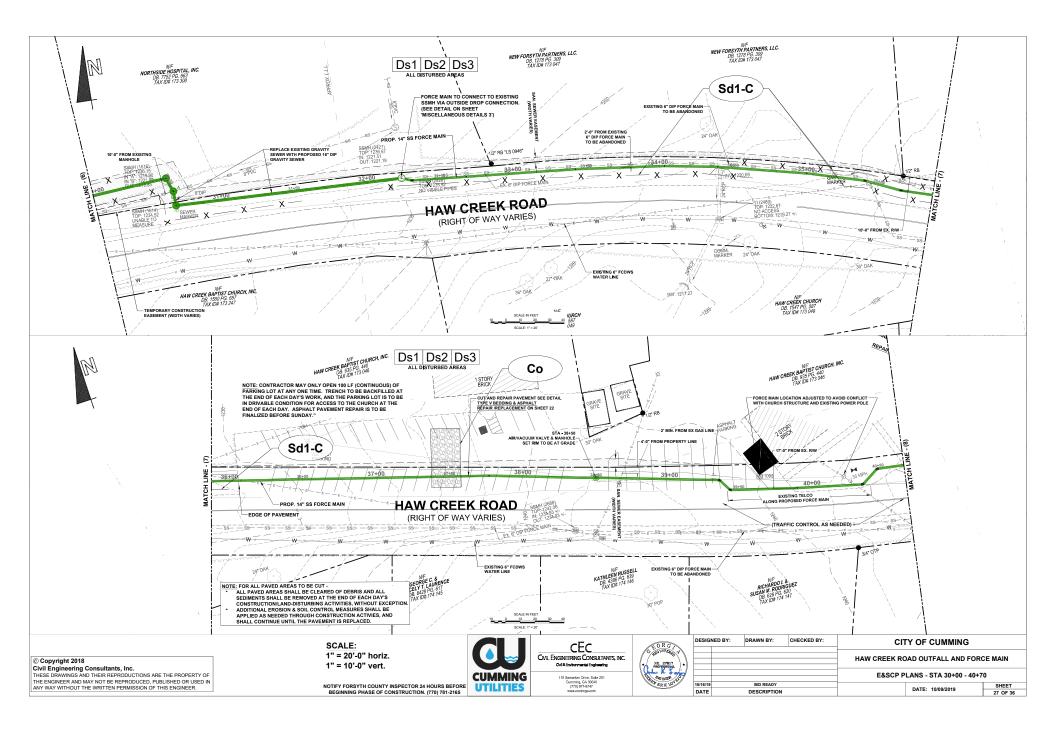
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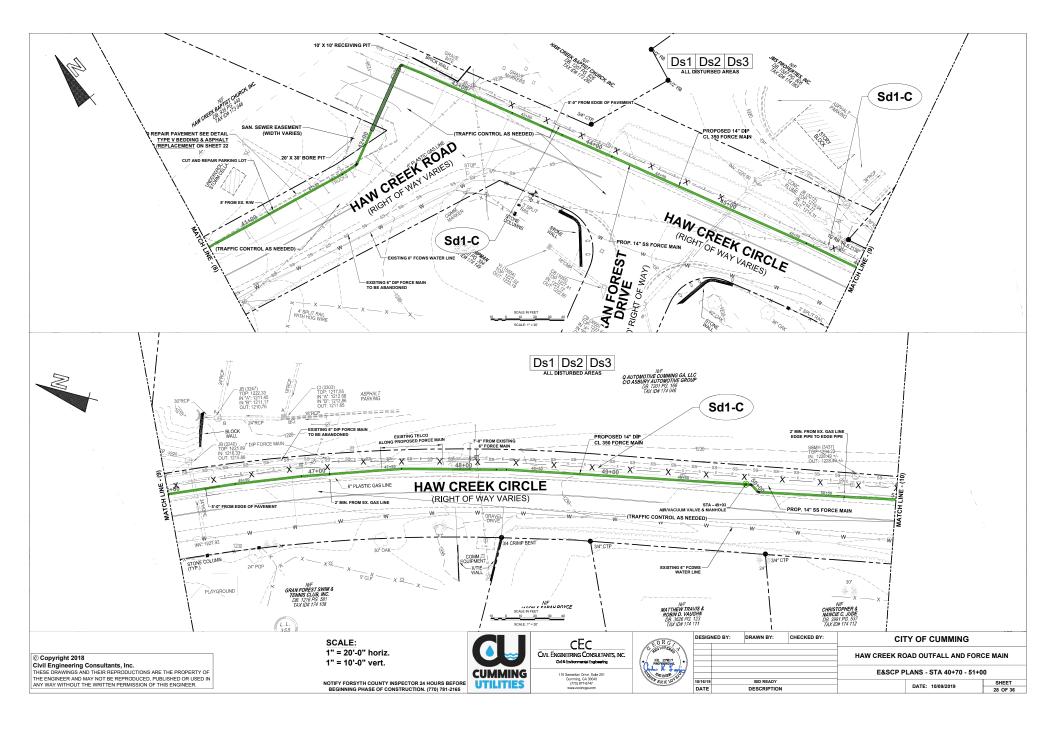
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							HAW CREEK ROAD OUTFALL AND FORCE MAIN		
	CUMMING	110 Samaritan Drive, Suite 201 Curming, GA 30040					MISCELLANEOUS DETAILS 4		
NOTIFY FORSYTH COUNTY INSPECTOR 24 HOURS BEFORE	UTILITIES	(770) 977-5747	FRIC LO	10/16/19	BID READY			DATE: 10/09/2019	SHEET
BEGINNING PHASE OF CONSTRUCTION. (770) 781-2165		www.cecinoga.com		DATE	DESCRIPTION		DATE: 10/09/2019		23 OF 36

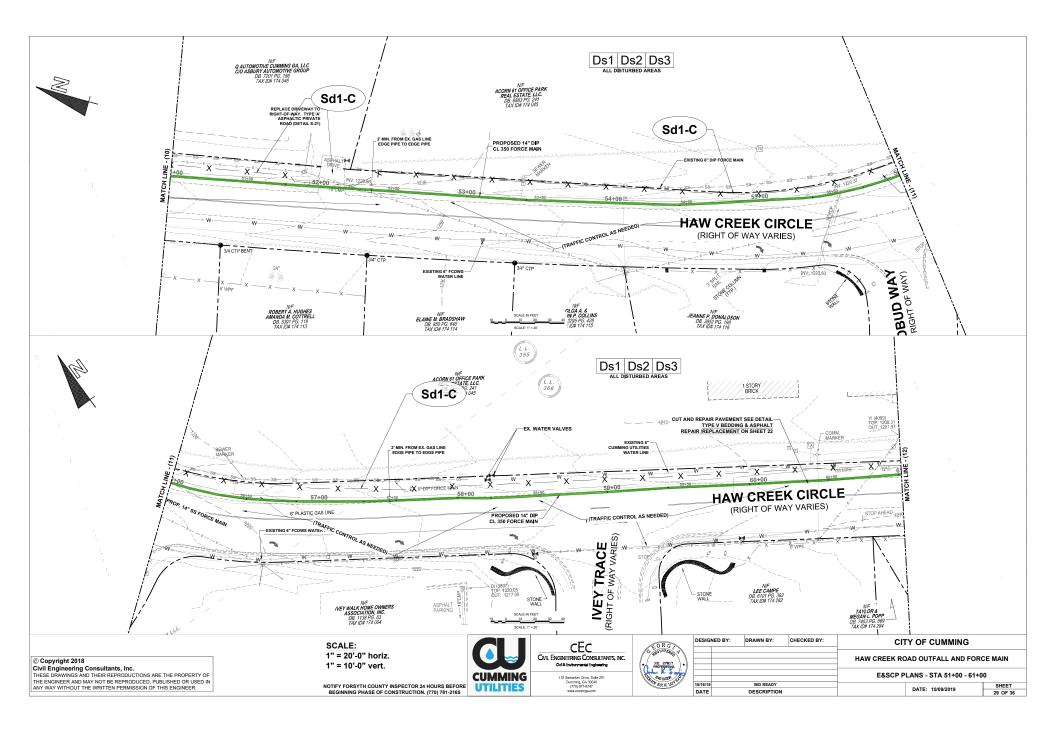


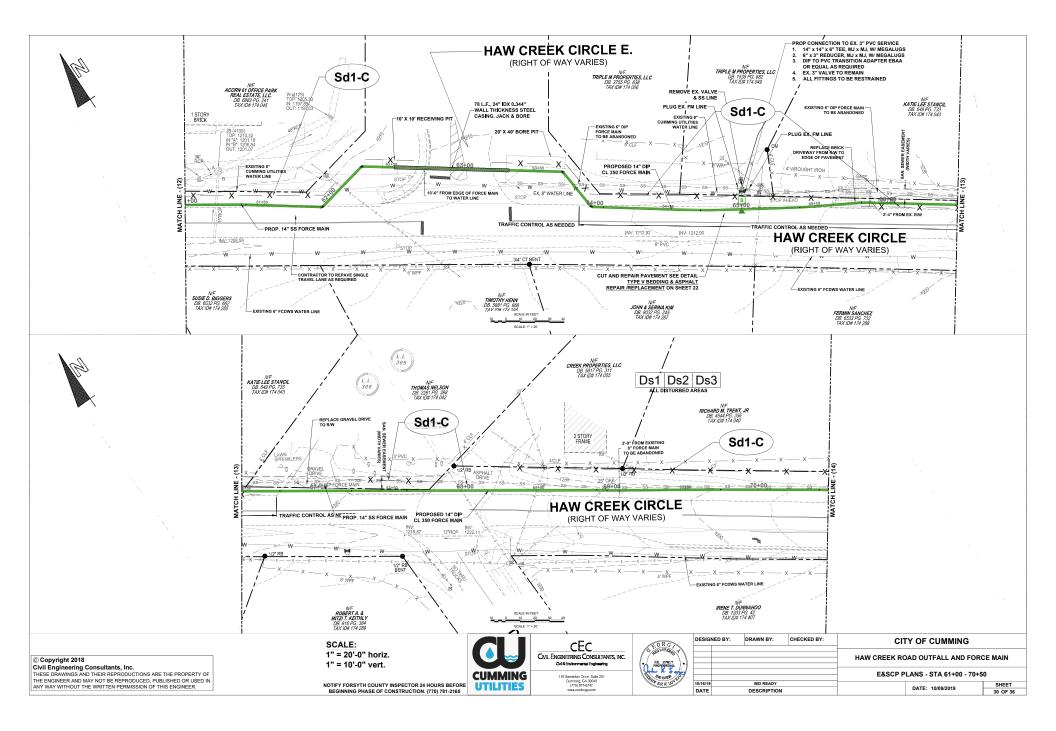


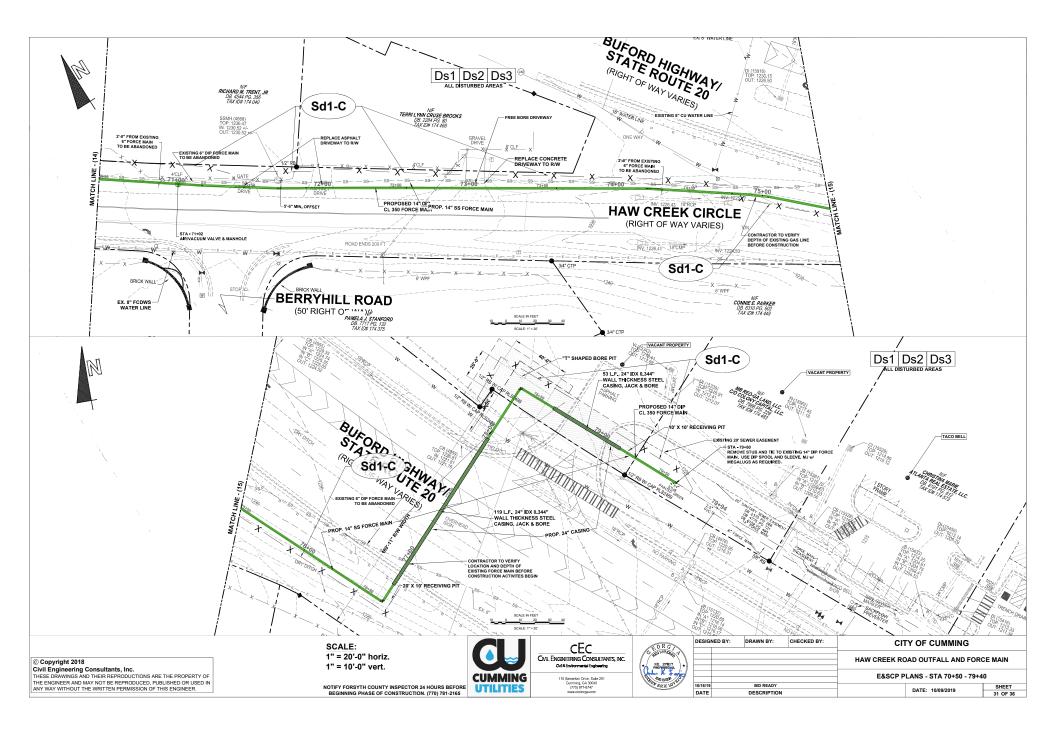












EROSION CONTROL NOTES:

- EROSION CONTROL PRACTICES MUST COMPLY WITH THE MINIMUM BEST MANAGEMENT PRACTICES FOR EROSION CONTROL. AND SHALL COMPLY WITH THE STANDARDS/SPECIFICATIONS IN THE MANUAL FOR FROSION AND SEDIMENT CONTROL IN GEORGIA
- IN CONCENTRATED FLOW AREAS, ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BI ANKET
- MULCH TEMPORARY VEGETATION ON ALL EXPOSED AREAS WITHIN 7 DAYS AFTER 3 DISTURBANCE
- DISTURBED AREAS LEFT IDLE FOR 5 DAYS AND NOT TO FINAL GRADE WILL BE ESTABLISHED TO TEMPORARY VEGETATION (Ds2). ALL AREAS TO FINAL GRADE WILL BE ESTABLISHED TO PERMANENT VEGETATION (Ds2). ALL AREAS TO FINAL GRADE WILL
- WHEN PLANTING VEGETATION, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEEDING.
- FORSYTH COUNTY LAND DISTURBANCE PERMIT MUST BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION AND IN PLAIN VIEW FROM A COUNTY ROAD OR 6. STREET
- EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED. 7 PRIOR TO ANY GRADING ON SITE. PLEASE CALL (770) 528-2134 WITH ENOUG LEAD-TIME FOR AN INSPECTION TO MEET SCHEDULE
- SEDIMENT/EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM SEDIMENT LENGING CONTINUE DEVICES WIGST BE CRECKED AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
- THE USE OF POLYMERS (PAMS) IS ACCEPTED AS A BMP AS RECOMMENDED BY THE STATE SOIL & WATER CONSERVATION COMMISSION BMP "GREEN BOOK". THE POLYMERS USED TO STABILIZE CONSTRUCTION STES MUST BE USED IN CONJUNCTION WITH MULCHING AND/OR HYDRO SEEDING
- 10. IF STREAMS ARE ON THE SITE. THE STREAM BUFFERS SHALL BE LEFT UNDISTURBED AND A CONSERVATION EASEMENT OR A RESTRICTIVE COVENANT BE PLACED ON THAT PROPERTY
- 11. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES RIGOR 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.
- 13. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING
- AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT 14. ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY A DESIG PROFESSIONAL
- NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION.

INSPECTIONS

ARY PERMITTEE

1) EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE OLIAI IFIED TI ENCH DAT TWIETRATT THE OF CONSTRUCTIONS TO CONSTRUCT WIT HAS TARGET FUEL AT A MANUAL FERMIN THE SATURES SITE DERSONNEL PROVIDED BY THE FRIMARY PERMITTEE SHALL NERFECT: (a) ALL AREAS AT THE PRIMARY PERMITTEES SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPM (b) ALL LOCATIONS AT THE PRIMARY PERMITTEES SITE WHERE VEHICLES BOTTER OR EXIT THE SITE FOR EVIDENCE OF F-SITE SEDIMENT TRACKING AND (c) MEASURE RAINFALL ONCE EACH TWENTY-FOUR HOUR PERIOD AT THE SITE. THESE PECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

2) MEASURE RAINFALL ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY UNTIL A NOTICE OF TERMINATION IS SUBMITTED. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SIRE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.

3. Output processing in the processing of the ENGLIE THAT THE PROCEDURATION OF A DIVISION OF A DIVISIONA DIVISIONA DI DIVISIONA DIVISIONA DI DIVISIONA DIVISIONA DI DIVISIONA SUBMITTED

4) OTAL ELED DEPROVIDED BY THE DRIMARY DEDMITTEE SHALL INSDECT AT LEAST ONCE DED MONTH DU 4) QUALIFIED PERSONNEL (PROVIDED BY THE FORMARY PERMITTE) SHALL INSPECT AT LAST ONCE FER MONTH OU THE TERM OF TIS PERMIT (LE UTLA AND CONCERD OF THE MONTH ON SECRECED BY THE STET THAN UNDERGOME FINAL STALELD/TION. THESE AREAS SHALL BE INSPECTED OR INDERED OF (OF THE POTENTIAL FOR MEASURES DISTRICT, AND CONCERNMENT OF THE STET AND CONCERNMENT OF THE POTENTIAL FOR MEASURES DISTRICT. THE AND THE AND CONCERNMENT OF THE AND CONCERNMENT OF DISCHARGE LOATIONS OF PONTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTIAN WHETHER FROM DISCHARGE LOATIONS OF PONTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER FROM DISCHARGE LOATIONS OF PONTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER FROM DISCHARGE LOATIONS OF PONTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER FROM DISCHARGE LOATIONS OF PONTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER FROM DISCHARGE LOATIONS OF PONTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER FROM DISCHARGE LOATIONS OF PONTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER FROM DISCHARGE LOATIONS OF PONTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER FROM DISCHARGE LOATIONS OF PONTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER FROM DISCHARGE LOATIONS OF PONTS ARE ACCESSIBLE. THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER FROM DISCHARGE LOATIONS OF PONTS ARE ACCESSIBLE. THEY SHALL BE ADDRESSIBLE THEY SHALL BE ADDRESSIBLE. THEY SHALL BE ADDRESSIBLE. THEY SHALL BE ADDRESSIBLE AND DISCHARGE ACCESSIBLE AND DISCHARGE ACCESSIBLE AND DISCHARGE ACCESSIBLE AND DISCHARGE ACCESSIBLE. THEY SHALL BE ADDRESSIBLE AND DISCHARGE ACCESSIBLE AND DISCHARGE

5) BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE FOLLUTION PREVENTION AND CONTROL MEASURES DENTFEED IN THE EROSION SEDMENTATION AND POLLUTION DO THE FOLLUTION PREVENTION AND CONTROL PROPORATE TO TLATE THAN SEVEN (7) CALENDAR DAYS DOLLOWING EACH INSPECTION. INFELDENTION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.

II) A REPORT SUMARDING THE SCORE OF EACH INSPECTION MOTHER MUNICIPAL OF PRECOMMEL, MANNE EACH INSPECT THE DATE (3) OF EACH INSPECTION, MANOR OBSERVATIONS RELATING TO THE MELEMENTATION OF THE EROSION, SEDMENTATION LAND POLLIDING CONTROL PLAN AND ACTIONS TAKEN IN ACCORDANCE WITH PART NO.3.A.(4) OF THE PRIMIT SHALL BENKE AND RET LANDE OT THE SITE OF BERINALY MANUALE AT A DESIGNATE AT LETIONAL ELOCATION STABILIZATION MOD AND DISCONTROL PLAN AND ACTIONS TAKEN IN ACCORDANCE WITH PART NO.3.A.(4) OF THE STABILIZATION MOD AND THE SITE OF BERINALY MANUALE AT A DESIGNATE AT LETIONAL ELOCATION STABILIZATION MOD A NOTICE OF TERMINITION IS SUBMITED TO EIDO, SUCH REPORTS SHALL BENITY ANY INDERNIS NON-COMPLIANCE WHERE THE REPORT DOES NOT IDENTIFY ANY INDERSTITS ON ONCOUCHING. THE REPORT SHALL BENITY ANY INDERSTIT ONCOUPLINGS, WHERE THE REPORT DOES NOT IDENTIFY ANY INDERSTITS ONCOUCHINGS. CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN AND THIS PERMIT. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH THE FACILITY IS IN

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NO WASTE MATERIALS WILL BE DISPOSED OF INTO STORM WATER INLETS OR WATERS OF THE STATE

WASTE MATERIALS

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED META NACIMPOIL INFORMATING DE OBDENDA AND DIVINASTE MANAGEMENT REGULATIONS. ALL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DERNIS FROM THE STE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE PER WERK OR MORE OFTEN IF NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE WILL BE BURIED ON SITE.

ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL BE POSTED AT THE JOB SITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

AZARDOUS WASTES

LANUAZDOOL MINING LALINAZADOOL SINASTE MATERIALS WILL BE DISPOSED OF IN THE MANUFACTURER OF SUCH LOCAL, STATE ANDOR FEDERAL, REGULATIONE AND IT THE MANUFACTURER OF SUCH MANUFACTURER OF SUCH That These Provides and Provide Manufacturer (International Control of the Control Provides Manufacturer) DATA SHEETS (MSDS) FOR EACH SUBSTACE WITH HAZADOUS PROPERTIS THAT IS USED ON THE JOS STEVE THE REFORMED. IN THESE PRACTICES MATERIAL SHEETS (MSDS) FOR EACH SUBSTACE WITH HAZADOUS PROPERTIS THAT IS USED ON THE JOS STEVE MULL BE ORTAINED AND USED FOR THE PROPER MANAGEMENT OF FOTENTIAL WATERS THAT MAN FESLET FROM THESE STORED MARKING RESE AND ANOTHER OF OTTENTIAL BE ORTAINED AND USED FOR THE REPORTED HAT IN USED ON THE LOOS STEVE MULL BE ORTAINED AND USED FOR THE REPORTED HAT THE JOS STE CONSTRUCTION TRAVEL OF OTTEND AND USED FOR MANUE A SUBSTACE WITH VAXADORS PROPERTIES WILL BE KITACINED ON THE USE OF HADE AS USED AND ANOTHER AND REPORTED HAT IN USE BURGTACTED ON THE USE OF HEISTROPE MONOR WITH WAXADORS PROPERTIES WILL BE KITACINED TO THE USE OF HEISTROPE MANAGEMENT OF THE AND STEVEN THE BURGTACTED ON THE USE OF HEISTROPE MANAGEMENT OF THE AND STEVEN THE BURGTACTED ON THE USE OF HEISTROPE MANAGEMENT OF THE AND STEVEN THE BURGTACTED ON THE USE OF HEISTROPE MARKED WITH VAXADORS PROPERTIES WILL BURGTACTED ON THE USE OF HEISTROPE MARKED WITH VAXADORS PROPERTIES WILL BURGTACTED ON THE USE OF HEISTROPE MARKED WITH VAXADORS PROPERTIES WILL BURGTACTED ON THE USE OF HEISTROPE MARKED WITH VAXADORS PROPERTIES WILL BURGTACTED ON THE USE OF HEISTROPE MARKED WITH VAXADORS PROPERTIES WILL BURGTACTED ON THE USE OF HEISTROPE MARKED WITH VAXADORS PROPERTIES WITH VAXADORS AND HEISTROPERTIES WITH WITH USE OF HEISTROPE MARKED WITH VAXADORS PROPERTIES WITH USE OF THE MODIOT HEISTROPERTICULARE Y REARDONG SPLIL CONTRUCT TO THE PRODUCT HEISTROPERTICES AND HEISTROPERTIES WITH USE OF THE MODIOT HEIST

THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION AND COUNTERMEASURES (SPCC) THE CONTRACTOR WILL INFERENT THE SPILL PREVENTION NOD COUNTERMASJERS (PFC) PUAL FOUND WITH THE SEPCH AND VILL TRAIN ALL PREPARED IN A PROFENSI AND AND MOD MADLINE OF SPILLED INFERENCE. NO SPILLED INFORMATION MATERIALS OF HAD/REQUE CONTRACT OCCURSE THE STORM WITH THE INFORM WITH THE STORM WITH THE DE OWNINGED ON STATE THAT APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE RESERVICESULTY OF THE STORM WITH STORM WITH

SANITARY WASTES

A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTA COMPLETE COMPLIANCE WITH LOCAL AND STATE REGULATIONS. PTABLE EACILITY DRC

ALL SANITARY WASTE UNITS WILL BE LOCATED IN AN AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORM WATER DISCHARGE IS NEGLIGIBLE. ADDITIONAL UNIT CONTRIBUTING TO STORM WATER DISCHARGE IS NEGLIGIBLE. ADDITIONAL CONTAINMENT BMP MUST BE MIPLEMENTED, SUCH AS GRAVELBASS OR SPECIALLY DESIGNED PLASTIC SKID CONTAINERS AROUND THE BASE, TO PREVENT WASTES FROM CONTRIBUTING TO STORM WATER DISCHARGES. THE LOCATION OF SANITARY WASTE UN MUST BE IDENTIFIED ON THE EROSION CONTROL PLANS, SHEET 4, BY THE CONTRACTOR LINITS ONCE THE LOCATIONS HAVE BEEN DETERMINED

SPILL CLEANUP AND CONTROL POLICIES

LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL. MATERNIL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS, TYPICAL MATERNALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, GROWNE AUERTANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS. SPILL PREVENTION PRACTICES AND PROCEEDIRES WILL BE REVIEWED AFTER A SPILL AND

SPILL PREVENTION PRACTICES AND PROCEEDINES WILL BE REVIEWED AFTER A SPILL M ADUISTED AS NECESSARY TO PREVENT FUTURE SPILLS. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL. STATE AND FEDERAL REGULATIONS. REPORTED AS REQUIRED BY LOOL, STATE MAD FREEMAL REQUILATIONS. FOR SPLLS THAT MARCH SUBPRICE WHITE LEAVER A SEEKON SUBPRICE MADER THE FOR SPLLS OF AN UNEXCOMP AND UNIT THE INTONUE RESPONSE CENTER (INFO) WILL BE CONTACTED WITH AN UNIX AND UNIT. THE INTONUE RESPONSE CENTER (INFO) WILL BE CLANED UP AND UNIX OLIVINATION OF A DOWN AND UNIT THE INTONUE RESPONSE CENTER (INFO) WILL BE CLANED UP AND UD CONTACTION OF AND ON UNIX AND UNIT THE INTONUE RESPONSE CENTER (INFO) WILL BE CLANED UP AND UDCAL ARENCES WIND OB UNIX AND UNIT THE INTONUE RESPONSE CENTER (INFO) WILL BE CLANED UP AND UDCAL ARENCES WIND OB UNIX AND UNIX THE INTONUE RESPONSE CENTER (INFO) WILL BE CLANED UP AND UDCAL ARENCES WIND UB CONTACTED ON REQUIRED. 426-2675

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN I MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ON SITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 860 GALLOI THE CONTRACTOR VILL NEED S SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

OFFSITE VEHICLE TRACKING

A STABILIZED CONSTRUCTION EXIT HAS BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENT. THE PAVED STREET ADJACENT TO THE SITE EXIT WILL BE INSPECTED DAILY FOR TRACKING OF MUD, DIRT OR ROCK.

STREAM BUFFERS

NON-EXEMPT ACTIVITIES DOES NOT PROPOSED TO ENCROACH INTO 25' STATE STREAM RUCCCRS

POST-CONSTRUCTION STORM WATER POLLUTANT CONTROL

IN ORDER TO CONTROL POLLUTANTS IN STORM WATER THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED THE FOLLOWING MEAURES SHALL BE INSTALLED:

PERMANENT GRASSING IN ALL DISTURBED AREAS SHALL BE ACCEPTABLE AS DETERMINED BY THE ENGINEER AND DEFINED AS COVERING 98% OF THE AREA TO BE GRASSED WITH NO BARE AREA GRATER THAN ONE SQUARE FOOT AND THE ENTIRE AREA FULLY STABILIZED AGAINST EROSION.

DESIGN PROFESSIONAL 7-DAY VISIT CERTIFICATION

DATE OF INSPECTION:

I CERTIFY THE SITE WAS IN COMPLIANCE WITH ES&PC PLAN ON THE DATE OF INSPECTION

GSWCC LEVEL II DESIGN PROFESSIONAL CERTIFICATION #

INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN:

THESE DISCREPANCIES MUST BE ADDRESSED IMMEDIATELY AND A RE-INSPECTION SCHEDULED. WORK SHALL NOT PROCEED ON THE SITE UNTIL DESIGN PROFESSIONAL CERTIFICATION IS OBTAINED.

CERTIFICATION

- 1 I CERTIEV THAT THE PERMITTEE'S EROSION. SEDIMENTATION AND POLITION CONTROL I CERTIFY THAT THE PERMITTEES EROSION, SEDMENTATION AND POLLITION CONTROL. ESSACP PLAN PROMESS FOR AN APPROPRIATE AND COMPRETENSIVE SYSTEM OF BEST ESSACP PLAN PROMESS FOR AN APPROPRIATE AND COMPRETENSIVE SYSTEM OF BEST DOCUMENT TMANUAL FOR EROSION AND SEDMENT CONTROL IN GEORGIA , PUBLISHED DOCUMENT TMANUAL FOR EROSION AND SEDMENT CONTROL IN GEORGIA , PUBLISHED STHE STATE SED LAND WATER CONSERVATION COMMISSION AS OF JANULARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATERSJOR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES IS EXPECTED TO MEET THE DESIGN REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NOS. GAR 1000001, GAR 1000002 AND GAR 1000003.
- I CERTIEV UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT 2 TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION
- I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIDENT ON ASSUME THAT OULL FIED FERSIONEL PROPERLY CATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON INF INJURY OF THE PERSON ON EVALUATE THE INFORMATION SUBMITTED. BASED ON INF INJURY OF THE PERSON SUPERVISION DRIVES PERSONS DIVERTION TRANSPORTATION SUBMITTED. BASED ON INFINITE THE INFORMATION SUBMITTED. BASED ON INFINITENCE IN SENECTIVE RESPONSED OF THE INFORMATION SUBMITTED. BASED ON INFINITENCE AND REPORTIVE RESPONSED ON THE INFINITENCE AND REPORTING THE RESPONSED ON THE INFINITENCE AND REPORTING THE SECONS REPORTING CALL SENERTING CALL SENERTING AND REPORTING THE INFINITENCE AND REPORTING THE INFINITENCE INFORMATION INFINITENCE INFORMATION INFINITENCE INFORMATION INFINITES CORSINGUMENTED CALLS REPORTING THE INFORMATION INFINITES CORSINGUMENTICS CALLS REPORTING THE INFORMATION INFINITES CORSINGUMENTICS AND REPORTING THE INFORMATION INFINITES CORSINGUMENTIAL REPORTING THE INFORMATION INFINITES CORSINGUMENTED AND REPORTING THE INFORMATION INFINITES CORSINGUMENTES CORSINGUN REPORTANTION CALLS REPORTANTION (TOTALIS CORSINGUMENTES CORSINGUNATES CORSINGUMENTES CORSINGUMENTES CORSINGUMENTES CORSINGUNATES CORSINGUNATION CALLS REPORTANTION (TOTALIS CORSINGUNATES CORSINGUNATES CORSINGUNATION CALLS REPORTANTION (TOTALIS CORSINGUNATION CALS REPORTANTION (TOTALIS CORSINGUNATES CORSINGUNATES CORSINGUNATES CORSINGUNATES CORSINGUNATES CORSINGUNATION (TOTALIS CORSINGUNATION CALLS REPORTANTION (TOTALIS CORSINGUNATES CORSINGUNATES CORSINGUNATION CALLS REPORTANTION (TOTALIS CORSINGUNATES CO THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION. INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS
- THE PROPOSED EROSION AND RUNOFE CONTROL MEASURES ARE IN COMPLIANCE WITH THE FORSYTH COUNTY SEDIMENT CONTROL AND FLOOD PROTECTION REGULATIONS AND WILL NOT INCREASE THE RUNOFF RATE FROM THE SITE FOR RAINSTORMS WITH A RETURN PERIOD OF 2, 5, 10, 25, 50 AND/OR 100 YEARS



ANY AMENDMENT TO THE EROSION CONTROL PLANS WHICH HAS A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

RETENTION OF RECORDS

AMENDMENTS

EACH PRIMARY PERMITTEE SHALL RETAIN A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL, PLAN AT THE CONSTRUCTION SITE OR THE PLAN SHALL BE READLY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION. PRIMARY PERMITTEES SHOLLD POST COPIES OF THE NOL EROSION, SEDIMENTATION STABILIZATION. PRIMARY PERMITTEES SHOLLD POST COPIES OF THE NOL EROSION, SEDIMENTATION STABILIZATION. PRIMARY PERMITTEES SHOLLD POST COPIES OF THE NOL EROSION, SEDIMENTATION STABILIZATION. PRIMARY PERMITTEES SHOLLD POST COPIES OF THE NOL EROSION, SEDIMENTATION STABILIZATION. PRIMARY PERMITTEES SHOLLD POST COPIES OF THE NOL EROSION. & POLLUTION CONTROL PLAN, SAMPLING RESULTS, INSPECTION REPORTS, ETC. ON OR IN A PERMI BOARD AT THE BEGINNING OF EACH PHASE TO FACILITATE INSPECTIONS BY EPD.

CORES OF ALL NOTICES OF RETEY TOTIES OF TERMINITION, REPORTE, DANS MONTONING REPORTE, MONTONIO INFORMATION INCLUDING ALL CALIBIOTIA DIS MONTONING INSTRUMENTATION. REPORTE, MONTONIO INFORMATIONI INCLUDING ALL CALIBIOTIA DIS MONTONING INSTRUMENTATION. REPORTONI, SEMENTATIONI AND POLITICO TOTIA UP AND RECORDES OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENTIA DI ALL OFFER REQUIRED RECORDES SHALL ER RETARED DI THE PRESENCESSIONES DIS MONTONICO AND ALLO THERE REQUIRED RECORDES SHALL ER RETARED DI THE PRESENCESSIONES DIS ENVIRONMENTATION DI ALLO THERE RECORDES AND ALLO DI RESINCESSIONE EN CONSTRUCTION ACTIVITY NAS CASED AT THE PREMITTED SET. THIS PREMOTI MALCO ESTINASES NOTE THE RECORDES TO THE EPON ATTIVIT HIS LOON RETINITION DISTINGTANTI ON THE PRIVINTES DISTINGTIONI DI ALLO THERE PON NOTING IN DISTINGTANTO DI MENNESSIONE DI MENNESSIONE

PRODUCT SPECIFIC PRACTICES

ETTICLE MUNISED PRODUCTS: CONTINUES FOR PRODUCTS MUCH AR FLEEL MERCANTS AND TARK WILL BE INSERCETED SALTY POR LEASK AND SALES. THIS IRCLUES ONSITE SINCE SALD ADMAINLERY DAY INSERCITORS AND RECALLER PROPERTATIVE MAINTENNES OF SINCE HOLD ADMAINLERY DAY MAINTENNES ARE SALT AND ADMAIN AND THE ADMAINS AND STORM WATER DRAINING INLETS: IN ADDITION TEMPORARY FUELING TAKKS SHULL HING: A SECONDARY CONTINUENT DRAINING INLETS: IN ADDITION TEMPORARY FUELING TAKKS SHULL HING: A SECONDARY CONTINUENT BERT OP REVENTION MANUES ETTIC CONTINUENTO. TAKKS SHULL HING: A SECONDARY CONTINUENT BERTO PREVENTIONED FLOCAL AND THE RECURRENTS.

PAINTS/FINISHES/SOLVENTS - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE: EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM: EXCESS PRODUCT, MERLINER'S USED WITH INTEGE PRODUCTS AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

CONCRETE TRUCK WASHING - PROVIDE WASHDOWN CONTAINMENT FOR THE WASH-DOWN WATER FROM CUNCRE EI HOLK WASHING - PROVIDE WASHOUWE CUNCRES AND EQUIVATION WASH-DOW WASHER PROW CONCRETE MUKE (HUTES, HOPPER, AND OTHER TOOLS AND EQUIVAEIT, PREVENT ANY WATER THAT CONTACTS UNCURED OR PARTLY CURED CONCRETE DURING ACTIVITES LIKE EXPOSED AGGREGATE WASH-OFF, WET CURING, OR EQUIVAENT WASHING FROM DIRECTLY OR INDIRECTLY ENTERING ANY WATERCOURSE OR STORMWATER SYSTEM.

FERTILIZER/HERBICIDES - THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CROP ESTABLISH HMENT OR IN THE GSWCC MANUAL FOR EROSION AND SEDMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

BUILDING MATERIALS - NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCEDURES.

SAMPLING FREQUENCY

STORM WATER SAMPLES SHALL BE TAKEN FOR THE FOLLOWING STORM EVENTS:

(a) FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS (MONDAY THROUGH FRIDAY, 8:00 AM TO 5:00 PM AND SATURDAY 8:00 AM TO 5:00 PM WHEN CONSTRUCTION ACTIVITY IS BEING CONDUCTED BY THE PRIMARY PERMITTEE) THAT OCCURS AFTER ALL CLEARING AND GRUBBING THE RINKING IN THE THE THE DOCUMENT OF THE DRANAGE AREA OF THE LOCATION OFERATIONS HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION. (b) IN ADDITION TO (a) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A

RECEIVING STREAM. THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS (MONDAY THROUGH FRIDAY, 8:00 AM TO 5:00 PM AND SATURDAY 8:00 AM TO 5:00 PM WHEN CONSTRUCTION HIDAY, 800 AM 10 300 PM AND SATURDAY 8:00 AM FO S00 PM WHEN CONSTRUCTION ACTIVITY IS BEING CONDUCTED BY THE PINARY PERMARY A FINAL THE THAT OCCURS EITHER SO DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST; (c) AT THE TIME OF SAMPLING PERFORMED PERSUANT TO (a) AND (b) ABOVE, IF BMPS ARE

FOUND TO BE PROPERLY DESIGNED INSTALLED AND MAINTAINED NO FURTHER ACTION IS FOUND TO BE PROPERLY DESIGNED, INSTALLED AND MAINTAINED, NO FOUNTHER ACTIONT REQUIRED. IF BIMPS IN ANY AREA OF THE SITE THAT DISCHARGEST O A RECEVING STREAM ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN 2 BUSINESS DAYS, AND TURBITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAI BUSINESS HOURS (MONDAY THROUGH FRIDAY, 8:00 AM TO 5:00 PM AND SATURDAY 8:00 AM TO 5:00 PM WHEN CONSTRUCTION ACTIVITY IS BEING CONDUCTED BY THE PRIMARY AM TO 3:00 PM WHEN CONSTRUCTION ACTIVITY IS BEING CONDUCTED BY THE PRIMATE PERMITTEE JUNIT, THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPS ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED.

STORM WATER SAMPLING

STORM WATER SAMPLES ARE TO BE ANALYZED IN ACCORDANCE WITH THE METHODOLOGY RES ESTABLISHED BY 40 CFR PART 136 AND THE GU TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT. EPA 833-8-92-001."

ITTLED INFORCES STORM WITHER SWIPCING SUDJIANE BLOCKEEN, EPI SLSSSZOOT: STORM WITCHES TO BE SAMPLED FOR THE INFORMATION DISTURBED ARES OUTFAIL LOCATION A DISSUMREE OF STORM WATER RINKOFF FROM DISTURBED ARES AND MARTINES SUCH STORM WITHER RINKOFF FROM DISTURBED ARES SUCH CONTINUE RESULTS IN THE TURBICHT OF THE DISCHARGE EXCEEDING 35, THE SUCH CONTINUE RESULTS IN THE TURBICHT OF THE DISCHARGE EXCEEDING 35, THE SUCH CONTINUE RESULTS IN THE TURBICHT OF THE DISCHARGE EXCEEDING 35, THE SUCH CONTINUE RESULTS IN THE TURBICHT OF THE DISCHARGE EXCEEDING 35, THE WATER TORNAGE AREA OF 33 SQUARE MLES, AND RECEIVING WATER WHICH SUPPORTS WATER TORNAGE AREA OF 33 SQUARE MLES, AND RECEIVING WATER WHICH SUPPORTS

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NOTIFY FORSYTH COUNTY INSPECTOR 24 HOURS BEE INNING PHASE OF CONSTRUCTION. (770) 781-21

SPECIFICATIONS	Mulching	[CONSTRUCTION SPECIFICATIONS
Grading and Shaping A. Grading and shaping is not normally required where hydrautic seeding and fertilizing equipment is to be used. Vertical banks shall be sloped to enable plant establishments.	Use make on all slopes steeper than 3 percent; when seedings are made so late in the fall and winter that germination cannot be expected until spring; in the bottom of spillways; and on roadbanks.	Sd1: SILT FENCE - SENSITIVE	FASTENERS FOR SILT FEN	ICES CO	: CRUSHED STONE CONSTRUCTION EXIT	Provide an inpras splash paid or other coshiet protection device for any point such as natural depressions or swakes where flow may top the sademine finance. Ensure that the maximum height of the finance at a protected, reinforced outlet does not exceed 1 ft, and that support post spacing does not exceed 4 ft.
B. When convention that and in any one of any problem to be done, grade and shape where feasible and practical, so that equipment can be used safely and efficiently during seeabed preparation, seeding, multimag and maintenance of the wegation.	Temporary vegetation seeded alone may be established on good sites without the use of mulch. Mulching material will consist of:		OVERLAP AT FABRIC ENDS		EXIT DIAGRAM	Hay or Straw Bakes (if approved by local issuing authority) Bakes will be placed in a single row, lengthwise, on the contour and embedded in the soil to a depth of 4
practical, active departments can be used and by an or incluming failing and used and provide programmed, anothing, multiling and multilinum, of the vegetation. C. Concentrations of water that will cause excessive soil errorien with be depropriate standards and sociolizations.	succent maximum with constant or: A. Use dry straw or dry hay of good quality and free of weed seeds. Dry straw will be applied at the rate of 2 tonse per acce. Dry hay will be used at a rate of 2 1/2 tons per acce; or,	30° MN	OVERLAP AT PABRIC ENUS			Bakes will be placed in a single row, lengtheniae, on the contour and embedded in the soit to a depth of 4 inches. Bakes marks be securely anchronic in place by stakes or bas driven through the bakes or by other acceptable means to prevent displacement, (See Straw Bake Figures).
Diversions and other treatment practices must conform with the appropriate standards and specifications. Setubled Precaration	 For hydraulic seeding, use wood cellulose mulch or wood pulp fiber at the rate of 500 pounds per acre and dry stawn or dry hay at the rate listed in A, above; or, 		8 8			Sitt Fence A sitt fence is specifically designed to allow water to pass through while retaining sediment on site.
Seedbed Preparation A. Seedbed preparation is not required where hydraulic seeding and fertilizing equipment is to be used.	C. For hydraulic seeding on slopes 3/4:1 or steeper, 1,000 pounds of wood cellulose or wood pulp fiber which includes a tackifier may be substituted for the treatment in B, above; or,		7/88/C - 18" - 18"			Silt Fence Specifications
used. B. When conventional seeding is to be used, seedbed preparation will be done as follows:	D. Use three tons per acre of Sericea lespedeza hay containing mature seed; or,					Two widths of all fance are available. Type A or C (39" height) and Type B (32" height), In order to determine which to are, the project drated, not per graderst, and side plength must be toroun (Sile Table 6-13.1). Approved sitt Renot Retricts are listed in the Goorgia Department of Transportation for #39. The with both the manufacture and Brider prevents 200 km.
 Broadcast plansings. Tillace at a minimum, shall adequately loosen the soil to a depth of 4 to 6 inches: alleviate 	E. Apply pine straw or pine bark at a thickness of 3 inches. Other suitable materials in sufficient quantity may be used where ornamentals or other ground covers are planted; or,		BEDWING OF 6' O.C. MAX			
a. Titlage at a minimum, shall adequately locase the soil to a depth of 4 to 6 inches, allevate compaction; incorporate time and fartilizer; smooth and firm the soil; allow for the proper placement of seed, sprigs, or plants; and allow for the anchoring of straw or hay mutch if a dak is to be used.	F. Soil retention blankets, ension control netting, other manufactured materials, or block sod may be required in addition to mulch on unstable soils and concentrated flow areas.	FRONT VIEW	TOP YEW - NOT TO SOME	C.	6" 100 VIII.	All silt fence must meet the minimum standards set forth in Saction 171 - Temporary Silt Fence, of the Department of Transportation, State of Quergia, Standard Specification, current edition. See Table 6-13.5 for current Georgia DDT silt fence specifications.
A. Tabley at a memory, shall adequately losses the loss in a degle of 4.0 is include, adexial sense of each of the second of	Wood callulose and wood pulp fibers shall not contain germination or growth inhibiting factors. They will have the property to be evenly dispensed when agitated in water. The fibers shall have a contrasting color to the soil to allow visual motering and aid in uniform application during seeding.	- 4' MAX. O.C				Silt Fence Installation
trenched across the slope with appropriate hand tools to provide places 6 to 8 inches apart in which seed may lodge and germinate.	Applying Mulch		MODD POST MTH III W M	AGOD POST WITH	ł	The contractor shall initial the temporary sit fence according to this specification, as shown on the plans or as directed by the engineer. For installation of Type A or C and B fabric, see Figures 6-13.3 and 8-13.4 respectively.
 Individual plants. Where individual plants are to be set, the soil will be well prepared by excavating holes, opening 	A. Straw or hay mulch will I be spread uniformly within 24 hours after seeding and/or planting. The mulch may be spread by blower-type spreading equipment, other spreading equipment or by hand. About 75 percent of the sold surface will be converted.	30" MIN + CHARGE FEASE BACONO		and the conception	MAN AND AND AND AND AND AND AND AND AND A	Post installation shall start at the center of the low point (if applicable) with remaining posts spaced 6 feet apart. For post size requirements of type A or C and B fabric, see Table 6-13.3. Fasteners for wood posts
furrows, or dibble planting. h. For musurery shock clarits, bolas shall be large ensuring to accommodate costs without converting.	B. Wood cellulose or wood fiber mulch will be applied with hydraulic seeding equipment.		A CARLES AND A CAR	NOTES:		ane listed in Table 6-13.4. Sitt Fence Maintenance and Removal
c. Where price seedings are to be planted, subsol under the row 38 inches deep on the con tour 4 to 8 months prior to planting. Subsoling should be done when the soli is dry, preferably in August or September.	Anchoring Mulch A. Anchor straw or hay mulch immediately after application by one of the following methods:			2. REMOVE J CROWN FI 3. ACCREGA	CATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS. LL VEELATION AND OTHER LINSUITABLE MATERIAL FROM THE FOUNDATION AREA GRADE, AND DR POSTILE BRINNAL DECHMONALE WITH NATIONAL STOME ASSOCIATION R-2 (1.5-3.5° STOME). NO SMALL INCL AMMININT THOUSANCE OF 5'.	The contractor shall maintain the silt fence until the project is vegetated or accepted. Filter fabric shall be replaced whenever it has deteriorated to such an other that it reduces the effectiveness of the fabric.
Line and Fertilizer - Rates and Analysis & Where normanent venetation is to be established, avrindural line shall be arrived as indicated by	• Restore states field against, in state strategies and against again and the state of the second states field against, and a strategies and strategies and the state state strategies and the state state strategies and the strategies and t	18" MI	FRONT WEWS - NOT TO SCALE	4. GRAVEL P 5. PAD WDT 6. A DAERS	NO SHALL HARE A MINIMUM THEORESS OF 8". IN SHALL ME DOMAR THEL WOTH AT ALL POINTS OF VEHICLEAR DERESS, BUT NO LESS THAN 20". INN REDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAYED AREA IS GREATER THAN 2%.	Maintenance - Construction Exit
A. Where permanent vegetation is to be established, agricultural lime shall be applied as indicated by soil test or at the ratio of 2 forts per acre. Agricultural lime shall be within the specifications of the Georgia Department of Agriculture.	The combination of apphalt provision and water thall consist of a homeopoporum mixture catefortees for			C INSTRUCT 8. WEDN WAY DRAMES IN DRAMASE	SING IS REQUERT THE PROVIDE TO MANAGE DATABASE DETUDES: SING IS REQUERT, IT SHOULD BE DENCE ON AN AREA STATEDED WITH DRUSHED STONE THAT (TO AN APPRIVED STEMENT TRAP OF SEDMENT DATES (DVDT ALL SUPPORT RENDET AND FROM THE DITERATE TO A SEDMENT DOWNED, DEVEL	The exit what be maintained to a condition which will prevent tracking or fixer of read on to public rights-drawy. This may require particular to drawismig with 15-35 first shares, a conditions demand, and repair and/or cleanot of any structures used to they sedment. All materials splits, dropped, washed, or tracked from which or site out to radiaty or init share main must be memory immediately.
Lime spread by conventional equipment will be ground limestone." Ground limestone is calcilic or dolorrific limestone ground so that 00 percent of the material will pass through a 10-meah sieve, not less than 50 percent will pass through a 50-meah sieve and not less than 55 percent will pass through	The comparation of apprais employing minimum and water shall contain to a memogeneous mature satisfies of spraying. The miniture shall consist of 100 gallons of grade S8-th or C88-th emulaified asphalt and 100 gallons of water per ton of mulch.	NOTE::: 1. USE STEEL OF MOOD POSTS OF AS SPECIFIED BY THE EROSON, SEDMENTATION, AND FOLUTION CONTROL PLAN, 2. HEIDHT (Y) IS TO BE SHOWN ON THE EROSON, SEDMENTATION, AND FOLUTION CONTROL PLAN.	NOTES: 1. THE FARMEL AND WHE SHOULD HE SECURELY FASTENED TO POSTS MUST HE DREMAPPED A MANUAL OF 15" OR WARPED TOZETHEM PROVIDE A DOWINAUUS FARME BARRER AROUND THE INLET.	S AND FABRIC INDS R ANDUND & POST TO R ANDUND & POST TO R ANDUND & POST TO	The product result is the maximum branches of $\mathcal{C}^{(1)}$, where \mathcal{C}_{1} , the maximum branches of $\mathcal{C}^{(2)}$, the maximum branches of the ma	tracked from vehicles or site onto roadways or into storm drains must be removed immediately.
a 100-meah serve.	Care shall be taken at all times to protect the public, adjacent property, pavements, curbs, sidewalks, and all other structures from asphalt discoloration.	 HEIGHT (*) IS TO BE SHOWN ON THE EROSON, SEDIMENTATION, AND FOLLUTION CONTROL PLAN. 	PROVIDE A CONTINUOUS FABRIC BARRIER AROUND THE INLET.	IDMANTAN MSHIS-0 USED TO	AREA IN A WAY THAT PREVENTS TRACENSE AND/OR TEOM OF ALD ENTE PUBLIC "-MAYS. HIS MAY REQUIRE TOP DRESSING, REPAR AND/OR CLEANDIT OF ANY WEASURES TRAF SEDMENT.	056557
Agricultural lime spread by hydraufic seeding equipment will be "heady ground limestone." Finely ground limestone is calcific or dolomitic limeatone ground so that 50 percent of the material will pasa through a 20 meah interve and not lask thron 70 percent will be as through a 100 meah since.	2. Press the mulch into the sol immediately after the mulch is spread. A special "packer disk" or disk harrow with the disks at statight may be used. The disk may be smooth re seminate and should be 20 inches or more in disenterial of b 12 inches apart. The degree of the disks hall be dial enough to press the mulch into the ground without outing it, learing much of it in an erect position.	L			TROL CHECK DAM STONE	GEORGIA UNIFORM CODING SYSTEM
It is desirable to use dolonitic limestone in the Sand Hills, Southern Coastal Plain and Atlantic Coast Flatwoods MLRAs.		Table 1. Some Temporary Plant Species, Seeding Rates and Planting				UNIFORM CODING SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES
B. No agricultural lime is required where only temporary seeding is to be done or where only trees are planted.	 Apply synthetic tackifiers or binders applied immediately after the mulch is spread. Synthetic tackifiers will be mixed and applied according to manufacturer's specifications. 		P C	Ser -	TOTAL CONTRACTOR	FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES GEORGIA SOIL AND WATER CONSERVATION COMMISSION
C. Initial fertilization requirements for each species or combination of species are listed in the adjacent Fertilization Table.	 Fail and winter plantings may include 1/2 bushel of rye or wheat to stabilize the mutch. Plastic mesh or noting with no larger than one inch by one inch mesh may be needed to anchor straw or hay mulch on unstable sols and concentrated for wareax. 	Barley Alone 3.3 lbs. 3 bu. 9/1-10/31 9/15 Barley in Mixtures .6 lbs. .5 bu. 9/1-10/31 9/15	5-11/15 10/1-12/31	3-5-		
Lime Fertilizer - Application	hay mulch on unstable softs and concentrated flow areas. B. Where wood ositulose or wood pulp fiber mulch is applied alone, a tackifier will be used.	Lespedeza, Annual 0.9 lbs. 40 lbs. 3/1-3/31 3/1 Lespedeza in Mixtures 0.2 lbs. 10 lbs. 3/1-3/31 3/1	1-3/31 2/1-2/28		ECTION B-B	STRUCTURAL PRACTICES
A. When hydraulic seeding equipment is used: The initial fertilizer will be mixed with seed, inoculant (if needed) and wood cellulose or wood pulp 	Impation	Lovegrass, Weeping 0.1 lbs. 4lbs. 4/1-5/31 4/1 Lovegrass in Mixtures .05 lbs. 2 lbs. 4/1-5/31 4/1	1-5/31 3/1-5/31	- 18°-24°		CODE PRACTICE DETAIL MAP DESCRIPTION
fiber mulch and applied in a slurry. The slurry moture will be agitated during application to keep the ingredients thoroughly moved. The moture will be spread uniformly over the area within one hour after	inigation will be applied at a rate that will not cause runoff. Toodressing	Milet in Mixtures .2 lbs. 10 lbs. 4/10-0/15 4/1	5-6/30 4/15-6/30	. /"	w- >	A SMALL TEMPORARY BARRIER OR DAM
Finally ground limisatone will be mixed with water and applied immediately after mulching is completed or in combination with the top dressing.	roperwaang Topferssing will be applied on all temporary grass species and permanent grasses planted alons or in mistures with other species. Recommended nates of application are listed in Table 6-25.1, p. 6-144.	Oats Alone 2.99 lbs 4 bu	1-7/31 4/15-8/15 5-11/15 9/15-11/15	5.7		Cd CHECKDAM
B. When conventional planting is to be done, time and fertilizer will be applied uniformly in one of the following ways:	Second Year and Maintenance Fertilization	Oats in Mixtures .7 lbs. 1 bu.	/-11/30 10/1-12/31	/ 6" L = THE DISTANCE SUCH THAT POINTS A AND B ARE OF EQUAL ELEVATION		Channel STABLIZATION
 Apply before lard preparations on that it will be mixed with the soli during sectbard preparation; or, Mixe with the soli action 40 fif the holes, a distribution in formover, or Broadcast after steep surfaces are scattified, plated or trenched. A furtilizer pathet will be placed at root during host size scatting. 	Second year fertilizer rates and maintenance fertilizer rates are listed in the adjacent Fertilization Table. Lime and Maintenance Application	Ryegrass 0.9 lbs. 40 lbs. 8/15-11/15 9/1-	12/15 9/15-12/31 -7/31 4/1-7/31		ECTION A-A	CONSTRUCTION CONSTRUCTION CONSTRUCTION STORE FAD LOCATED AT THE CONSTRUCTION CONSTRUCTION STORE FAD LOCATED AT THE CONSTRUCTION STORE FAD LOCATED AT THE
 A fertilizer pellet will be placed at root depth beside each pine tree seeding. Plant Selection 	Apply two tons of agricultural time every 4 to 6 years or as indicated by soil beats.		-//31 4/1-//31 NA 10/15-11/30			CONSTRUCTION EXIT O PROVIDE A PLACE FOR REMOVING ALLO PROVIDE A PLACE FOR REMOVING ALLO PROVIDE A PLACE FOR REMOVING ALLO PROVIDE A PLACE FOR THE PROVIDE A PLACE FOR THE PROVIDE A PLACE FOR THE PLAC
A. Refer to the adjacent Tables for approved species.	Use and Management. Removitancess, Rahiancess and Tall forces may be moved as desized. Maintain at least R inches of two mowth		1-12/15 10/15-12/31	A		A TEMPORARY CHANNEL CONSTRUCTED TO
B. Species not listed shall be approved by the State Resource Conservationist of the Natural Resources Conservation Service before they are used.	Bermodagnass, Behiagnass and Tal feacus may be moved as deaired. Maintain at least 6 inches of top growth under any use and management. Moderate use of top growth is beneficial after establishment. Exclude (twistock until the plants are well established.	 Unusual site conditions may require heavier seeding rates. Seeding dates may need to be altered to fit temperature variations and local conditions. For Mayor Land Resource Areas (MLRAG), see page 60. 		FLOW-	now→ 🚬 🔟	DC DIVERSION CHANNEL CONSTRUCTED.
C. Plants shall be selected on the basis of species characteristics; site and soil conditions; planned use and maintenance of the area; time of year of planting; method of planting; and the needs and desires of the lated user.		S. For Major Land Resource Areas (MLRAs), see page 60. A. Seeding rates are based on pure live seed (PLS). Table 2. Fertilizer Requirements for Temporary Ve	Ds2		<u> </u>	D DRESION CONTRACTOR A TELEPORT
D. Plant selections may include companion crops to provide quick cover. Care shall be taken in selecting companion crop species and seeding rates to timit compatition so that the desired permanent vegetation rung become settabilished as soon as a possible.	Det DISTURBED AREA STABILIZATION (MULCHING ONLY)	Types of Species Planting Year (N-P-K) (bs./z	te N Top Dressing acre) Rate (Ibs./acre)		PLAN K DAMS	TEMPORARY THE STRUCTURE PROTECTING ASTREAM OR
		First 6-12-12 150 Cool season grasses Second 6-12-12 100 Maintenance 10-10-10 40	00 50-100	NOTE: USE AND LOCATION OF CHEC SHALL BE AS DIRECTED BY INSPECT	ror.	ST TENPORARY STREAM CROSSING
E. The term "guest hes seed "is used to express the quality of seed, even if it is not shown on the label, how two seed, PLS), is expressed as an apromethys of the seeds that was pure and will germinate. PLS is determined by multiplying the parent of pure seed times the percent of germinator, i.e., PLS = % germination x % publy.	Disturbed Area Stabilization (With Temporary Seeding) SPECIFICATIONS					ROCK PLETER A PERMANENT OR TEMPORARY STONE FLITER DAM INSTALLED ACROSS SMALL STREAMS OR DAM
Inoculants A. All legume seed shall be inoculated with appropriate nitrogen-fixing bacteria.	A. Grading and Shaping	Cool seasn grasses & legumes First Second Maintenance 6-12-12 0-10-10 190 100 Maintenance 0-10-10 400	00 10			A BARRIER TO PREVENT SEDIMENT FROM
 As against seed shall be inclusion with appropriate introgen-storg pactanet. B. The inclusion shall be a pure culture prepared specifically for the seed species and used within the dates on the container. 	 Excessive water run-off must be controlled by planned and installed erosion control practices such as closed datase, diches, divers, diversions, sediment beams and others. 	Temporary cover crops seeded alone First 10-10-10 50				Sd1 SEDMENT BARRIER LEAVING THE CONSTRUCTION STIE IT MAY BE SANDBACS BALES OF STRAW OR HAY, BRUSH, LOSS AND POLES, GRAVEL, OR A SLT FENCE.
the cases on the container. C. A mixing medium recommended by the manufacturer shall be used to bond the inoculant to the	No shaping or grading is required if slopes can be stabilized by hand-seeded vegetation or if hydraulic seeding equipment is to be used.	First 6-12-12 150 Warm season grasses Second 6-12-12 80 Maritenance 10-10-10 40	00 50-100 10 50-100 10 30			
seed. D. For conventional seeding, two times the amount of inoculant recommended by the manufacturer shall be used	B. Seedbed Preparation 1. When a hydraulic seeder is used, seedbed preparation is not required.	Maintenance 10-10-10 40 TABLE 6-5.2 PLANTING RATES, AND PLANTING DATES FOR PERMANENT COVER	u au		SILT FENCE REQUIREMENTS	VEGETATIVE PRACTICES
shall be used. E. For hydraulic seeding, four times the amount of inoculant recommended by the manufacturer shall be used.	 When using convertional or hand-seeding, seedbed preparation is not required if the soil material is loose and not sealed by rainfall. 	Ds3	FERTILIZER REQUIREMENTS		TABLE 5-13.2 WIDTH OF FABRIC USE TYPE A (35') 1) ON DEVELORMENTS WHERE THE LIFE OF THE PROJECT IS ORGATER THAN OR EQUIL TO SMORTHS. 2) WHERE THE SLOPE GRADUENT IS STEEPER THAN 3.1.	CODE PRACTICE DETAIL SYMBOL DESCRIPTION
be used. F. 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 hydroseeder longer than one hour.	 When soil has been sealed by rainfall or consists of smooth undisturbed cut slopes, the soil shall be pitted, trenched or otherwise scarified to provide a place for seed to lodge and germinate. 	TELEVISION Control Control Control Control ACCEN ACCEN ACCEN Executed ACCEN ACCEN ACCEN Executed	TYPE OF SPECIES YEAR ANALYSIS OF EQUIVALENT	RATE TOP DRESSING RATE		
Planting	C. Lime and Fertilizer: Lime Rate 2 tons/acre . Agricultural lime is not required.	UIEMAMU JIASOND INVIDIO INCIDIO INCIDIO INCIDIO INTIDIO INCIDIO INCIDIO INCIDIO INCIDIO INCIDIO INTIDIO INCIDIO INCIDIO INCIDIO INTIDIO INCIDIO INTIDIO INCIDIO INTIDIO INTIDIO INTIDIO INTIDIO INTIDIO INTIDIO INTIDIO INTIDIO INTIDIO INTIDI	1. COOL SEASON FIRST 6-12-12 150 GRASSES SECOND 6-12-12 900 MAINTENANCE 90-00-10	00 LBS /AC. 50-100 LBS /AC. 1/ 2/ 00 LBS /AC. 30 0 LBS /AC. 30	TYPE B (22') 1) ON PROJECTS, SUCH AS RESIDENTIAL HOME SITES OR SMALL COMMERCIAL DEVELOPMENTS, WERRE THE LIFE OF THE PROJECT IS LISS THAN GOMONTHS. 2) WHERE THE SLOPE GRADIENT IS LESS THAN OR EQUAL TO 3.1	Bf BUFFER ZONE
A. Hydraulic seeding - Mix the seed, inoculant, fertilizer, and wood calitalose or wood pulp fiber mulch with water and apply in askary uniformly over the area to be treated. Apply within one hour after the mixture is made.	Agricultural time is not required. On reasonably fertile soils or soil material, fertilizer is not required.	PALAD MRN/ ALCHE 10 LIEL 0.2 LK 101/07/HRT PUENNALK 4 LIEL 0.1 LK	2. COOL SEASON DIRST 6-12-12 11	00 LBS /AC. 30 500 LBS /AC. 0-50 LBS /AS. 1/ 000 LBS /AC	TO 3-1 TYPE C (36") 1) WHERE FILL SLOPES EXCEED A VERTICAL HEIGHT OF 20 WITH WOKEN WIRE FEET AND THE SLOPE GRADIENT IS STEEPER THAN 3-1.	DETINIED AREA STARLIZATION MININERCENIE ONLY
Conventional seading - Seeding will be done on a freshly prepared and firmed seedbed. For broadcast clarifing, use a cultinecker-seeder, drill instance server inter markaninal seader or band	3. On soils of very low fartility, use 500 to 700 pounds of 10-10-10 fartilizer or the equivalent per acre (12-16 lbs./1,000 sq. ft.). If the site will permit, apply before land preparation and disk, rip or chisel to incorporate.	REPAIR A COMPANY OF C		00 LBS./AC	SILT FENCE REQUIREMENTS	
B. Conventional seeding - Steeding will be done on a finality prepared and firmed seedbed. For broadcast pairsting, use a catilpacker-seeder, dill; totary seedin; other mechanical seeder; or hand seeding to distlibut the seed unformity over the areas to be teated. Cover the seed lightly with a catilpacker or other soliable equipment.	D. Seeding 1. Select a grass or grass-legume mixture suitable to the area and season of the year (see Table above).	NET TEMPORATIONNET SUBEL SUID.	4. PINE FIRST 20-10-5 ON	NE 21-GRAM PELLET	TABLE 6-13.2 NNIMUM LENGTH TYPE 6 OF POST TYPE A 4" SOFT WOOD 3" DLA. OR 2x4	DS2 DIFURIDA AREA DS2 SIAILLOIDA MIT IN BUP SE(IMG) DS2 DIFURIES AREAS
C. No-till seeding is parmisibile into annual cover crops when planting in done following maturity of the cover crop of the supporting cover start of a spanse encourse to allow designating cowh of the permanent species. No-till seeding must be done with appropriate no-till seeding equipment. The seed must be uniformly distributed and planting at the proper depth.	Lowest a grass or grass-regume mature sustains to the area and search to the year (see Table addws) Apply seed uniformly by hand, cyclone seeder, dill, cutlipacker-seeder, or hydrautic seeder (altury including seed and fettilizer). Dill or cutlipacker seeders should normally place seed one-half to one inch deap.	HERMADA, COMMON INCOMPARIA STATION AND AND AND AND AND AND AND AND AND AN	74	IR SEEDLING PLACED IN IE CLOSING HOLE 10 LBS/AC	OAK 1.5" x 1.5" STEEL 1.3LB/FT. MIN.	(CLUMO)
	E Mulching	19773 C SALENA AND A SALENA		0 LBS/AC. 4/ 30 LBS/AC. 30 LBS/AS. 5/	TYPE B 3' SOFT WOOD 2' DIA. OR 2/2 OAK 1' X 1' STEEL .75LE.FT. MIN.	Section 1
D. Individual plants - Strube, views and sprigs may be planted with oppropriate planters or hand tools. From trees will be planted manually in the subsoil furnors. Each plant will be set in a manner that will avoid crowding the roots.	Temporary vegetation can, in most cases, be established without the use of mulch. Mulch without seeding should be considered for short term protection. See Ds1 - Disturbed Area Stabilization, (With Mulching Only).	CRIVERED (REMODULA OPHINODER) CRIVERO CALLAR CONTROL	6. TELMPORARY FIRST 10-10-10 500 COVER CROPS SEEDED ALONE 7. WARM SEASON FIRST 6-12-12 850 GRAVSES SECOND 6-12-12 800	50-100 BF 145 2141	TYPE C 4' STEEL 1.3LB./FT. MN.	DS4 UST.RED AREA STATIGNICAN DD54 DD54 DATE: DD54 A PERMANENT VEGETATIVE COVER USING S005 ON HIGHLY ERODABLE OR CRITICALLY ERODED LANDS.
Nursery stock plants shall be planted at the same dioph or slightly deeper than they grew at the nursery. The tips of vines and sprigs must be at or slightly above the ground surface.	F. Imigation If water is applied, it must be at a rate not causing runoff and erosion. Thoroughly wet the soil to a depth that	PLATE TRANSPORTATION TO THE PLATE TRANSPORTATION OF THE PL	MAINTENANCE 10-10-10 40	500 LBS./AC. 50-100 LBS./AS. 2/ 6/ 00 LBS./AC. 50-100 LBS./AS. 2/ 00 LBS./AC. 30 LBS./AS.	SILT FENCE REQUIREMENTS TABLE 6-13.2 GAUGE CROWN LEGS STAPLESPOST	SI OPE
Where individual holes are dug, place fertilizer in the bottom of the hole, add two inches of soil and set the plant.	If water is applied, it must be at a rate not causing runoff and wroxion. Theroughly wet the soil to a depth that will insure germination of the seed. Subsequent applications should be made when needed.	ALOVE BULE 1.1LE ML P MUTHORS OF A DUBY AND A DUBY A DUBY AND A DUBY	8. WARM SEASON FIRST 6-12-12 15 GRASSES AND SECOND 0-10-10 100 LEGUMES MAINTENANCE 0-16-10 400	500 LBS./AC. 50 LBS./AS. 6/ 000 LBS./AC. 00 LBS./AC.	WIRE STAPLES 17 MN. PWDE PLONG SMN.	SI OPE STARLIZATION SI COVENING USED TO PREVIANT SS STARLIZATION OF PERMANENT VOICETATION ON STEP SLOPES, SHORE LINES, OR CHANNELS.
	D42 DISTURBED AREA STABILIZATION (W/ TEMP. SEEDING)	Internet and a second and a sec	1/ APPLY IN SPRING FOLLOWING SEEDLING. 2/ APPLY IN SPLIT APPLICATIONS WHEN HIGH PATES ARE USED.		GAUGE CROWN LEGS STAPLESPOST	
DISTURBED AREA STABILIZATION (W/ PERM. SEEDING)		INVARIATE CIRCUIA INVESTIGATE CIRCUIA ALDRE OTLER. D C ALDRE ALBRE OTLER. D C C	31 APPLY IN 3 SPLIT APPLICATIONS. 41 APPLY WHEN PLANTS ARE PRUNED. 51 ALLAY TO GRASS SPECIES ONLY. 61 APPLY WHEN PLANTS GROW TO A HEIGHT OF 2 TO A INCHES.		NALS 14 MIN. 1" ² 4 MIN. NOTE: FILTER FABRIC MAY ALSO BE ATTACHED TO THE POST BY WIRE, CORD,	
				DES	NOTE: ILTER FABRIC MAY ALSO BE ATTACHED TO THE POST BY WHEL, CORD, MON POCKETS IGNED BY: MY DRAWN BY: JV CHECKED BY: GP	CITY OF CUMMING
			CEC	C BORG/		
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	BEGINNING PHAS	E OF CONSTRUCTION. (770) 781-2165	www.cecinoga.com	DAT	TE DESCRIPTION	DATE: 10/09/2019 33 OF 36

