



CERTIFICATE OF AUTHENTICITY

THIS IS TO CERTIFY THAT THE FOLLOWING ELECTRONIC RECORDS ARE TRUE AND ACCURATE REPRODUCTIONS OF THE ORIGINAL RECORDS OF JAMES CITY COUNTY GENERAL SERVICES DEPARTMENT- STORMWATER DIVISION; WERE SCANNED IN THE REGULAR COURSE OF BUSINESS PURSUANT TO GUIDELINES ESTABLISHED BY THE LIBRARY OF VIRGINIA AND ARCHIVES; AND HAVE BEEN VERIFIED IN THE CUSTODY OF THE INDIVIDUAL LISTED BELOW.

BMP NUMBER: 88005

DATE VERIFIED: December 9, 2021

QUALITY ASSURANCE TECHNICIAN: Charles E. Lovett II

Charles E. Lovett II

LOCATION: WILLIAMSBURG, VIRGINIA

NOTES: CERTIFY & UPLOAD

1. Maintenance Agreement

2. Deeds/Easements/ Agreements/Property Records

3. Construction Certificate



Stormwater Conveyance and Stormwater Management / BMP Facilities Record Drawing and Construction Certification Forms

Standard Forms and Instructions

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Issue Date: February 1, 2001
Revised: July 1, 2014



Stormwater Conveyance and Stormwater Management / BMP Facilities Record Drawing and Construction Certification Forms

Note: In accordance with the Subdivision and Zoning ordinances of the County Code, plans of development have requirements to ensure that at the completion of the project and prior to release of surety, certified record drawings (as-builts) and construction certifications by a registered Professional Engineer, must be provided for constructed stormwater conveyance/drainage system and stormwater management/Best Management Practice (BMP) facilities. In addition, Sections 8-25 and 8-26 of Article II of Chapter 8 of the County Code, require the submission of construction record drawings and construction certifications for permanent stormwater management/BMP facilities and permanent stormwater conveyance systems such as inlets, pipes and channels. In addition, for stormwater management/BMP facilities involving the construction of an impounding structure or dam embankment, certification is required by a professional engineer who performed inspections during construction of the facility.

Section 1 - Site Information:

Project Name: James City County Landfill - Jolly Pond Road
Structure/BMP Name: Storm System
Project Location: 1204 Jolly Pond Road, Williamsburg, VA
BMP Location: Same as above
County Plan No.: SP-083-13 VAHU6 HUC Code: 1129

Project Type: ☐ Residential ☐ Business ☐ Tax Map/Parcel No.: (30-1)(1-4)
☐ Commercial ☐ Office ☐ County BMP ID Code (if known): N/A
☐ Institutional ☐ Industrial ☐ Zoning District: Public Lands, PL
☒ Public ☐ Roadway ☐ Land Use: Convenience Center
☐ Other _____ ☐ Site Area (sf or acres): 545.58 Acres

Brief Description of Stormwater Conveyance and/or Stormwater Management/BMP Facility:

Storm System: Two RCP pipes.

Nearest Visible Landmark to SWM/BMP Facility: JCC Convenience Center - Jolly Pond Road

Nearest Vertical Ground Control (if known):

☐ JCC Geodetic Ground Control ☐ USGS ☒ Temporary ☐ Arbitrary ☐ Other

Station Number or Name: N/A
Datum or Reference Elevation: 89.90
Control Description: Edge of Concrete Dumpster Pad
Control Location from Subject Facility:
On Same Property (TBM Location Shown on Sheet C-01)

**Stormwater Conveyance and Stormwater Management/BMP Facilities
Record Drawing and Construction Certification Forms**

Page 2

Section 2 – Construction Information

Section 2A - Stormwater Conveyance System Construction Information (Pipes, Channels, etc.):

Pre-Construction Meeting Held: ☒ Yes ☐ No ☐ Unknown
Approx. Construction Start Date for System: 8/2016
System Milestone Inspection(s) by County Representative during Construction: ☒ Yes ☐ No ☐ Unknown
Name of Site Work Contractor Who Constructed System: Toano Contractors
Name of Professional Firm Who Monitored Construction: ECS
Date of Completion of System: 2/2017
Date of Record Drawing/Construction Certification Submittal: 3/23/2017

Section 2B - Stormwater Management / BMP Facility Construction Information:

Pre-Construction Meeting Held for Construction of SWM/BMP Facility: ☐ Yes ☐ No ☐ Unknown
Approx. Construction Start Date for SWM/BMP Facility: _____
Facility Monitored by County Representative during Construction: ☐ Yes ☐ No ☐ Unknown
Name of Site Work Contractor Who Constructed Facility: _____
Name of Professional Firm Who Monitored Construction: _____
Date of Completion for SWM/BMP Facility: _____
Date of Record Drawing/Construction Certification Submittal: _____

(Note: Record drawings and construction certifications are required within thirty (30) days of the completion of the stormwater conveyance system and/or stormwater management/ BMP facility construction. Record drawings and construction certifications must be reviewed and approved by the VESCP/VSMF authority prior to final inspection, acceptance, and surety release or reduction.)

Section 3 - Owner/Designer/Contractor Information:

Owner/Developer: *(Note: Site owner, operator, applicant or permittee responsible for development of the project.)*

Name: James City County
Mailing Address: 109 Tewning Road
Business Phone: 757-259-1453 Fax: _____
Email: steven.miller@jamescitycountyva.gov
Contact Person: Steven Miller, PE, PP, BCEE, ENV SP Title: Capital Projects Coordinator

Design Professional: *(Note: Professional Engineer, Certified Land Surveyor or other qualified professional responsible for the design and preparation of plans and specifications for the stormwater conveyance system and/or stormwater management/BMP facility.)*

Firm Name: AES Consulting Engineers
Mailing Address: 5248 Olde Towne Road, Williamsburg, VA 23188
Business Phone/Fax: 757-253-0040
Email: graham.corson@aesva.com
Name of Responsible Plan Preparer: Graham Corson, P.E.
Title: Project Manager
Plan Name: James City County Landfill - Jolly Pond Road
Firm's Project No. W10119-E-30
Plan/Revision Date: 3/25/14
Plan Sheet No.'s Applicable: C-01 / C-02 / _____ / _____ / _____ / _____

**Stormwater Conveyance and Stormwater Management / BMP Facilities
Record Drawing and Construction Certification Forms**

Page 3

Site/Utility Contractor: *(Note: Contractor directly responsible for construction of the stormwater conveyance system and/or stormwater management/BMP facility.)*

Firm Name: Toano Contractors, Inc.

Mailing Address: 8589 Richmond Road

Toano, VA 23168

Business Phone/Fax: 757-566-0097

Email: randy@toanocontractors.com

Contact Person: Randy Taylor

Site Foreman/Supervisor: Randy Taylor

Specialty Subcontractors and Purpose: N/A

Section 4 - Professional Certifications:

Certifying Professionals: *(Note: A Registered Professional Engineer or Certified Land Surveyor is responsible for preparation of a record drawing, sometimes referred to as an as-built drawing, for the stormwater conveyance system for the project including any stormwater management/BMP facilities. A Registered Professional Engineer is responsible for the inspection, monitoring, and certification of stormwater conveyance systems and/or stormwater management / BMP facilities during its construction. See next page for the "simple" County provided certification form that can be used by qualified professionals to provide this information.)*

Stormwater Conveyance and Stormwater Management / BMP Facilities
Record Drawing and Construction Certification Forms

Page 4



STANDARD CERTIFICATION FORM

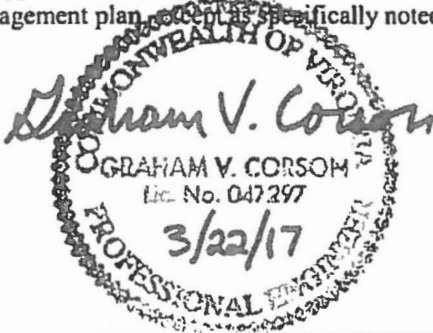
Record Drawing Certification

Firm Name: AES Consulting Engineers
Mailing Address: 5248 Olde Towne Road
Williamsburg, VA 23188
Business Phone: 757-253-0040
Fax: _____
Name: Graham Corson, P.E.
Title: Project Manager
Signature: Graham Corson
Date: 3/22/17

I hereby certify to the best of my knowledge and belief that this record drawing represents the actual condition of the,

- ☒ Stormwater conveyance system
☐ Stormwater management / BMP facility

and the facility appears to conform to the provisions of the approved design plan, specifications, and stormwater management plan, except as specifically noted here.



(Seal)

Virginia Registered Professional Engineer or Certified
Land Surveyor

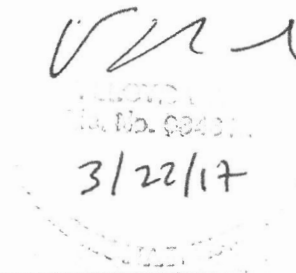
Construction Certification

Firm Name: ECS MID-ATLANTIC, LLC
Mailing Address: 1643 MEMPHIS TRAIL
WILLIAMSBURG, VA 23185
Business Phone: 757-229-6677
Fax: 757-229-9978
Name: W. WOODWARD P.E.
Title: VP / BRANCH MANAGER
Signature: W. Woodward
Date: 3/22/17

I hereby certify to the best of my knowledge and belief that this,

- ☒ Stormwater conveyance system
☐ Stormwater management / BMP facility

was monitored and constructed in accordance with the provisions of the approved plan, specifications, and stormwater management plan, except as specifically noted here.



(Seal)

Virginia Registered Professional Engineer

Section 5 - Record Drawing and Construction Certification Requirements and Instructions:

- ☒ Pre-Construction Meeting - Provides an opportunity to review SWM/BMP facility construction, maintenance and operation plans and addresses any questions regarding construction and/or monitoring of the structure. The design engineer, certifying professionals (if different), Owner/Applicant, Contractor and County representative(s) are encouraged to attend the preconstruction meeting. Advanced notice to the Engineering and Resource Protection Division is requested. Usually, this requirement can be met simultaneously with Erosion and Sediment Control preconstruction meetings held for the project.
- ☒ The Record Drawing shall be prepared by a Registered Professional Engineer or Certified Land Surveyor for the drainage system of the project including any Best Management Practices.
- ☐ **Construction Certification** - Construction of stormwater management / BMP facilities which contain impoundments, embankments and related engineered appurtenances including subgrade preparation, compacted soils, structural fills, liners, geotextiles, filters, seepage controls, cutoffs, toe drains, hydraulic flow control structures, etc. shall be visually observed and monitored by a Registered Professional Engineer or his/her authorized representative. The Engineer must certify that the structure, embankment and associated appurtenances were built in accordance with the approved design plan, specifications and stormwater management plan and standard accepted construction practice and shall submit a written certification and/or drawings to the VESCP/VSMP authority as required. Soil and compaction test reports, concrete test reports, inspection reports, logs and other required construction material or installation documentation may be required by the VESCP/VSMP authority to substantiate the certification, if specifically requested. The Engineer shall have the authority and responsibility to make minor changes to the approved plan, in coordination with the assigned County inspector, in order to compensate for unsafe or unusual conditions encountered during construction such as those related to bedrock, soils, groundwater, topography, etc. as long as changes do not adversely affect the integrity of the structure(s). Major changes to the approved design plan or structure must be reviewed and approved by the original design professional and the VESCP/VSMP authority.
- ☒ Record Drawing and Construction Certifications are required within **thirty (30) days** of the completion of Stormwater Management / BMP facility construction. Submittals must be reviewed and accepted by James City County Engineering and Resource Protection Division prior to final inspection, acceptance and bond/surety release.

Dual Purpose Facilities (Temporary Sediment Basin & BMP) - Completion of construction also includes an interim stage for stormwater management / BMP facilities which serve dual purpose as temporary sediment basins during construction and as permanent stormwater management / BMP facilities following construction, once development and stabilization are substantially complete. For these dual purpose facilities, construction certification is required once the temporary sediment basin phase of construction is complete. Final record drawing and construction certification of additional permanent components is required once permanent facility construction is complete.

Interim Construction Certification is required for those dual purpose embankment-type facilities that are generally ten (10) feet or greater in dam height (*) and may not be converted, modified or begin function as a permanent SWM / BMP structure for a period generally ranging from six (6) to eighteen (18) months or more from issuance of a Land Disturbance permit for construction.

Interim or final record drawing and construction certifications are not required for temporary sediment basins which are designed and constructed in accordance with current minimum standards and specifications for temporary sediment basins per the Virginia Erosion and Sediment Control Handbook (VESCH); have a temporary service life of less than eighteen (18) months; and will be removed completely once associated disturbed areas are stabilized, unless a distinct hazard to the public's health, safety and welfare is determined by the Engineering and Resource Protection Division due to the size or presence of the structure or due to evidence of improper construction.

(*Note: Dam Height as referenced above is generally defined as the vertical distance from the natural bed of the stream or waterway at the downstream toe of the embankment to the top of the embankment structure in accordance with 4VAC50-20-30, Virginia Impoundment Structure Regulations and the Virginia Dam Safety Program.)

- ☒ In accordance with Sections 8-25 and 8-27 of the Chapter 8 of the County Code, an *internal closed-circuit television (CCTV)* post installation inspection, performed by the operator, is required as part of the asbuilt and construction certification process. CCTV inspections shall follow standards and specifications developed by the VSMP authority administrator.
- ☒ Record Drawings shall provide, at a minimum, all information as shown within these requirements, in accordance with standard industry practice, and in accordance with applicable **RECORD DRAWING CHECKLISTS** specific to the type of SWM/BMP facility being constructed. Other additional record data may be formally requested by the VESCP/VSMP authority. *(Note: Refer to the Virginia BMP Clearinghouse website and the current edition of the Virginia Stormwater Management Handbook for representative record drawing and construction certification checklists for the specific type of stormwater management/BMP facility being used. If none are available, the VSMP authority can provide this information if specifically requested.)*
- ☒ Record Drawings shall consist of blue/black line prints and a reproducible (mylar, sepia, diazo, etc.) set of the approved stormwater management plan including applicable plan views, profiles, sections, details, maintenance plans, etc. as related to the subject SWM / BMP facility. The set shall indicate **"RECORD DRAWING"** in large text in the lower right hand corner of each sheet with record elevations, dimensions and data drawn in a clearly annotated format and/or boxed beside design values. Approved design plan values, dimensions and data shall not be removed or erased. Drawing sheet revision blocks shall be modified as required to indicate record drawing status. Elevations to the nearest 0.1' are sufficiently accurate except where higher accuracy is needed to show positive drainage. Certification statements as shown in Section 4 of the Record Drawing and Construction Certification Form, *or similar forms thereof*, and professional signatures and seals, with dates matching that of the record drawing status in the revision or title block, are also required on all associated record drawing plans, prints or reproducible.

- ☒ Submission Requirements - Initial and subsequent submissions for review shall consist of a minimum of one (1) blue/black line set for record drawings and one copy of the construction certification documents with appropriate transmittal. Under certain circumstances, it is understood that the record drawing and construction certification submissions may be performed by different professional firms. Therefore, record drawing submission may be in advance of construction certification or vice versa. Upon approval and prior to release of bond/surety, final submission shall include one (1) reproducible set of the record drawings, one (1) blue/black line set of the record drawings and one (1) copy of the construction certification. Also for current and/or future incorporation into the County's BMP database and GIS system, it is requested that the record drawings also be submitted to the VESCP/VSMP authority on a CD-ROM in an acceptable electronic file format such as *.pdf, *.dxf, *.dwg, etc. or in a standard scanned and readable format. The electronic file requirement can be discussed and coordinated with Engineering and Resource Protection Division staff at the time of final submission.

4. Record Drawings (As Builts)



5248 Olde Towne Road, Suite 1
Williamsburg, Virginia 23188
Phone: (757) 253-0040
Fax: (757) 220-8994
www.aesva.com



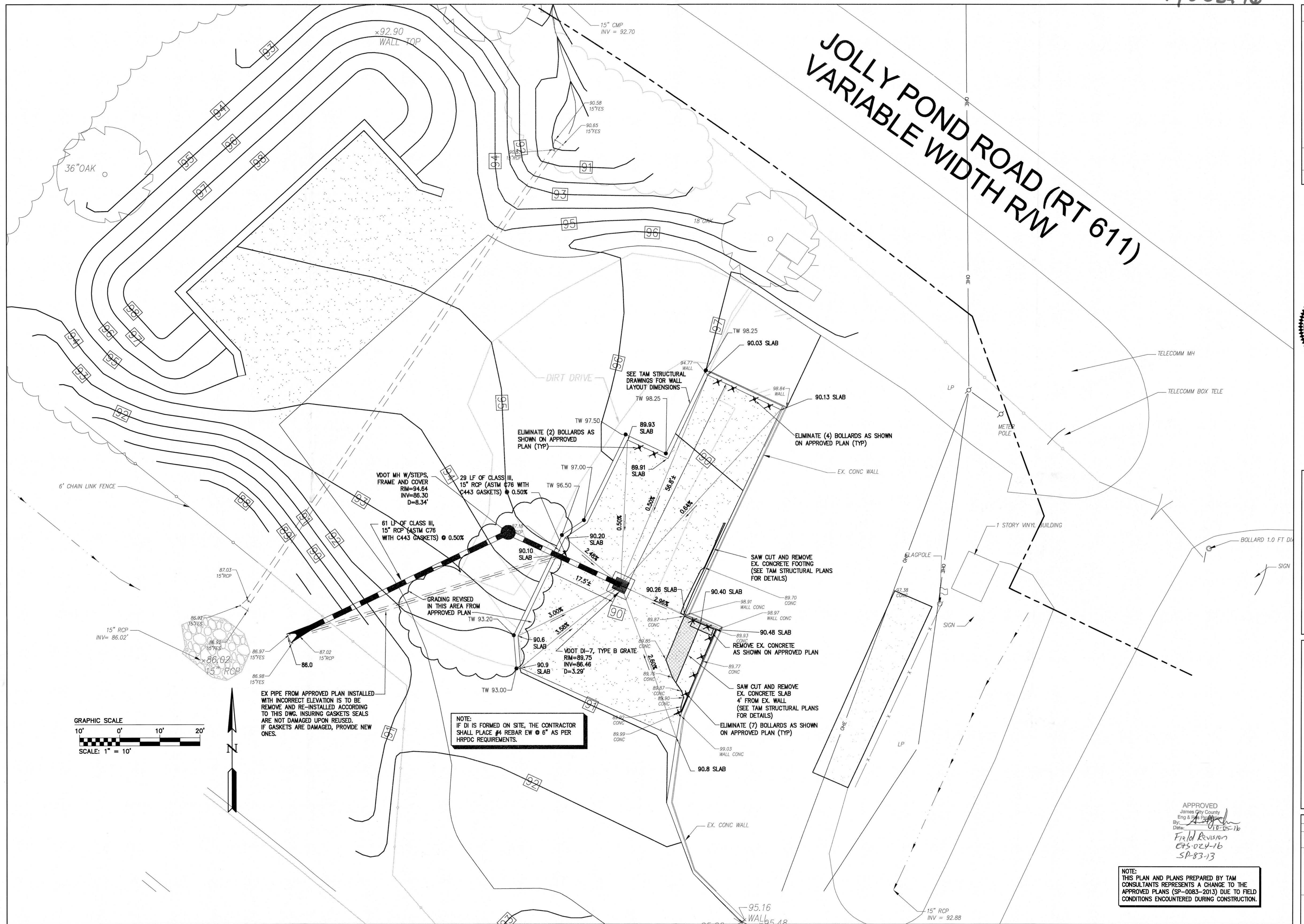
JAMES CITY COUNTY LANDFILL
TO
JOLLY POND ROAD
JAMES CITY COUNTY VIRGINIA

Project Contacts:	LBA
Project Number:	W10119-E-30
Date:	9/10/13

Project Title:

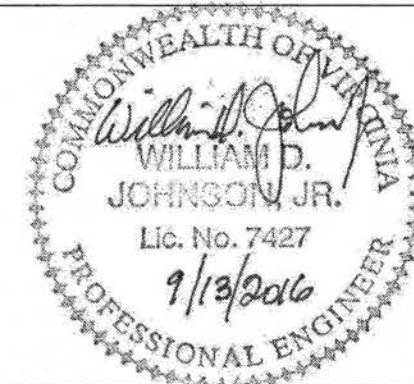
PROPOSED WALL AND SLAB PLAN

Sheet Number
C-2.1



NOTE:
THIS PLAN AND PLANS PREPARED BY TAM
CONSULTANTS REPRESENTS A CHANGE TO THE
APPROVED PLANS (SP-0083-2013) DUE TO FIELD
CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

COPYRIGHT



PROJECT MANAGER:
WJ
DESIGNED:
WJ
DRAWN:
AN
CHECKED:
WJ
DATE:
09/13/2016

REVISIONS:

△	-
△	-
△	-

NEW WALLS PLAN

JAMES CITY COUNTY LANDFILL

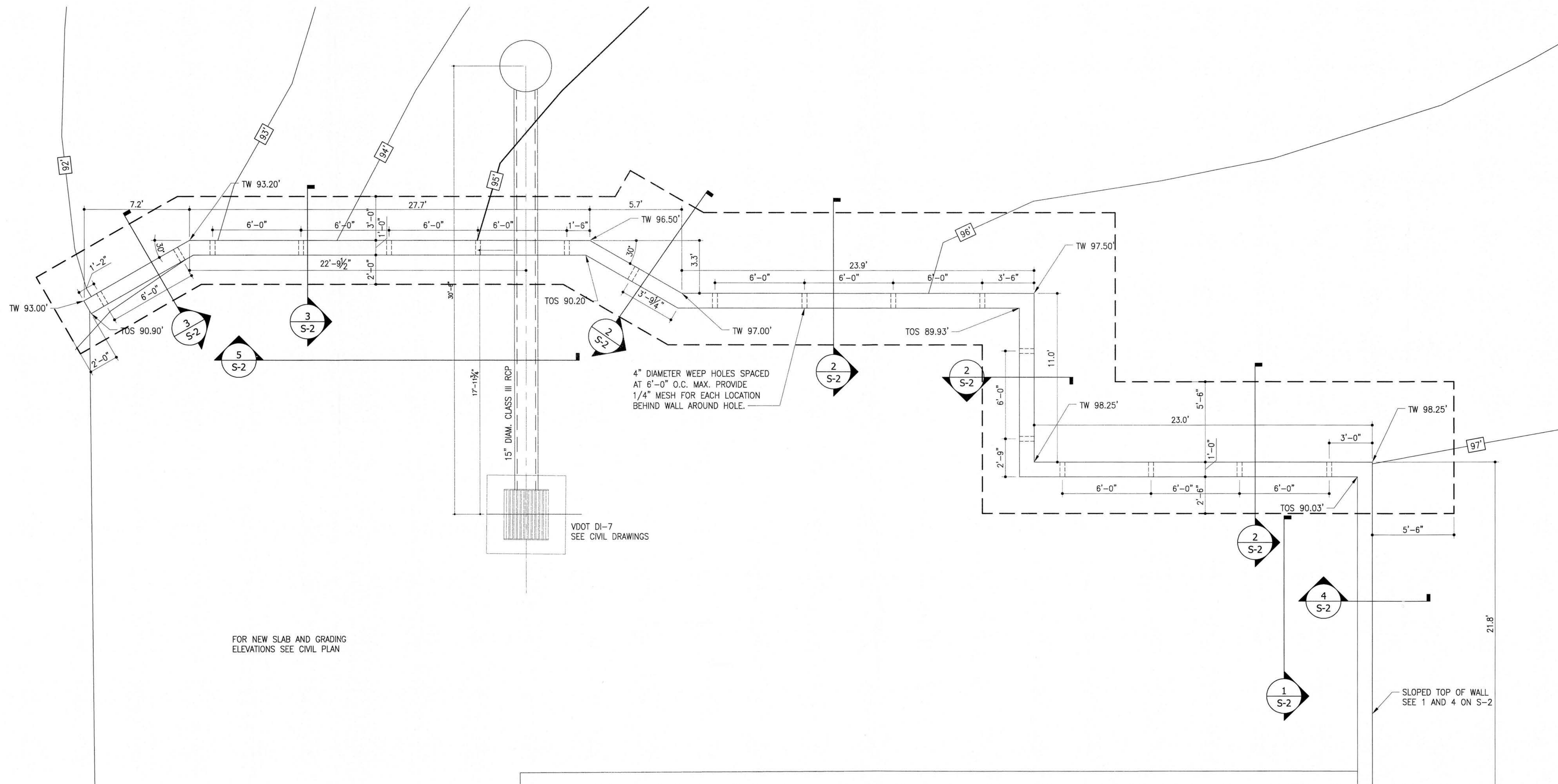
JOLLY POND ROAD

POWATAN DISTRICT JAMES CITY COUNTY VIRGINIA

SHEET

S-1

OF 4
CAD NO. 13460-16
JOB NO. 13460-16



EXISTING CONCRETE WALL

NEW WALL PLAN
1/4" = 1'-0"

SHOP DRAWINGS:

1. SHOP DRAWINGS FOR ALL STRUCTURAL ELEMENTS SHOWN ON THE CONTRACT DOCUMENTS MUST BE SUBMITTED BY THE GENERAL CONTRACTOR AND REVIEWED BY THE ENGINEER. UNDER NO CIRCUMSTANCES SHALL THE CONTRACT DRAWINGS BE REPRODUCED AND USED AS SHOP DRAWINGS.
2. THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES, ETC. TO SET THE STRUCTURAL WORK.
4. ALL CONTRACTOR MODIFICATIONS (INCLUDING PRODUCTS SUBMISSION) MUST BE IDENTIFIED IN WRITING AS A PROPOSED "AS EQUAL" CHANGE AT TIME OF SUBMISSION.
5. IF THE CONTRACTOR OR OWNER FAILS TO SUBMIT THE SHOP DRAWINGS OR FAILS TO FOLLOW THE ABOVE "AS EQUAL" PROCEDURE, THE ENGINEER (TAM CONSULTANTS, INC.), WILL NOT BE RESPONSIBLE FOR THE STRUCTURAL CERTIFICATION AND DESIGN OF THE PROJECT.
6. SHOP DRAWINGS ARE REVIEWED BY THE ENGINEER AS A CONVENIENCE TO THE CONTRACT AND ARE NOT A CONTRACT DOCUMENT.

CONCRETE:

1. ALL CONCRETE WORK SHALL CONFORM TO ALL THE PROVISIONS OF THE "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301-R85) AND TO THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-08).
2. ALL STRUCTURAL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI UNLESS NOTED OTHERWISE. THE MAXIMUM SLUMP OF ALL CONCRETE SHALL BE 4". ALL CONCRETE EXPOSED TO THE WEATHER SHALL HAVE AN AIR ENTRAINMENT OF 6%±1%.
3. NO ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL BE PERMITTED.
4. THE CONTRACTOR SHALL COMPLY WITH ALL THE PROVISIONS OF "RECOMMENDED PRACTICE FOR HOT WEATHER CONCRETING" (ACI 305-R10) AND "RECOMMENDED PRACTICE FOR COLD WEATHER CONCRETING" (ACI 306-R10). THE CONTRACTOR SHALL SUBMIT COLD/HOT WEATHER PROCEDURES FOR APPROVAL.
5. ALL FORMWORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE "FORMWORK FOR CONCRETE" SPECIAL PUBLICATION NO. 4 AND ACI'S "STANDARD RECOMMENDED PRACTICE FOR CONCRETE FORMWORK" (ACI 347-LATEST EDITION).
6. CONCRETE STRUCTURES MAY NOT SUPPORT THEIR DESIGN LIVE LOAD UNTIL THE SPECIFIED COMPRESSIVE STRENGTH HAS BEEN ACHIEVED. LOADS GREATER THAN THE DESIGN LIVE LOADS SHALL NOT BE PLACED ON THE STRUCTURE. THE CONTRACTOR SHALL SUPPORT ADJACENT STRUCTURES, UTILITIES, AND EXCAVATIONS AS REQUIRED FOR COMPLETION OF WORK.
7. ONE SET OF COMPRESSIVE TEST CYLINDERS FOR EACH 50 CUBIC YARDS POURED, BUT NOT LESS THAN ONE SET FOR EACH DAY'S PLACEMENT AND EACH CLASS OF CONCRETE, ALONG WITH SLUMP TESTS SHALL BE PERFORMED BY A TESTING LABORATORY APPROVED BY THE STRUCTURAL ENGINEER.
8. ALL CONCRETE SHALL BE CURED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 308, STANDARD SPECIFICATION FOR CURING CONCRETE.

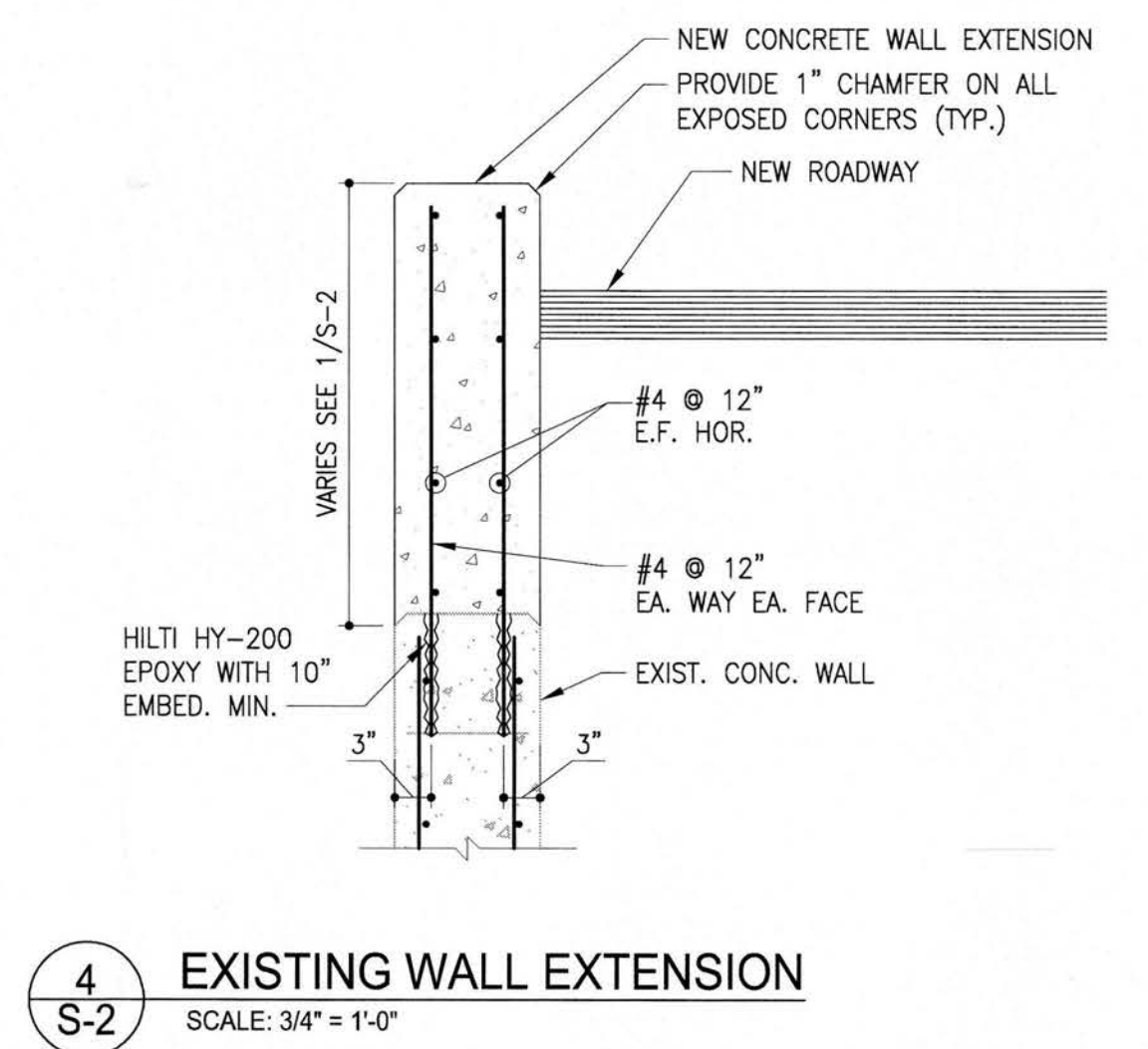
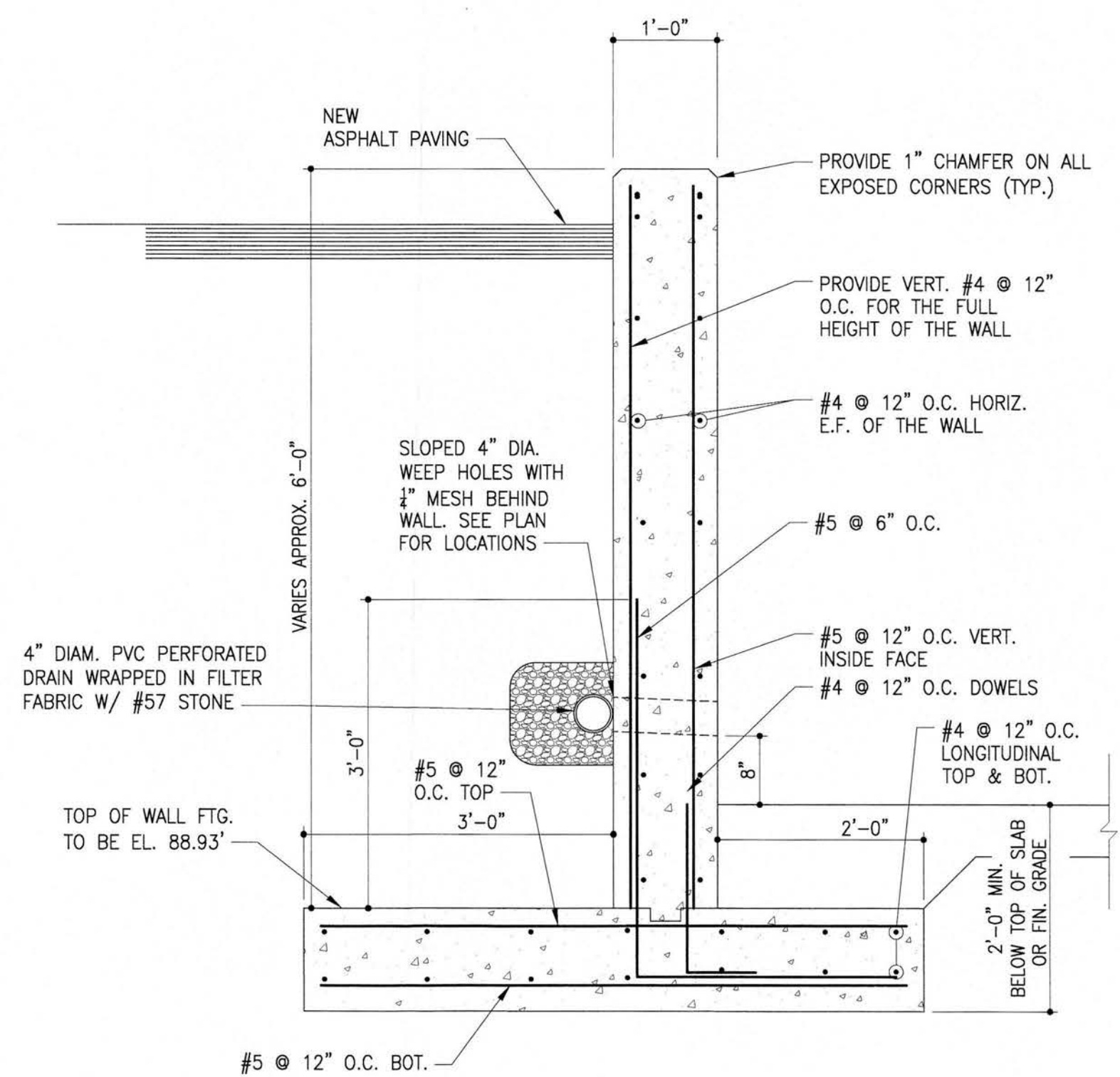
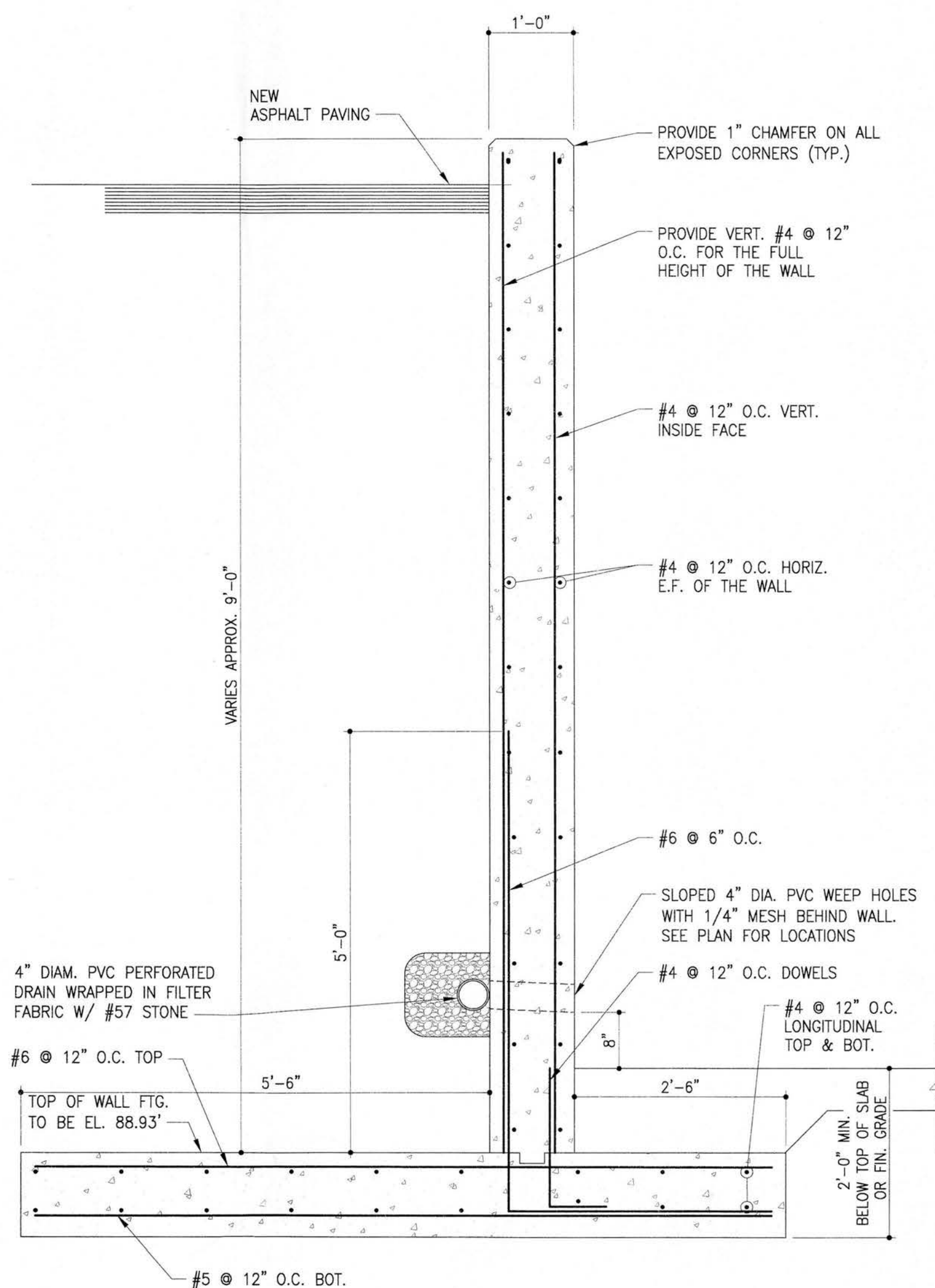
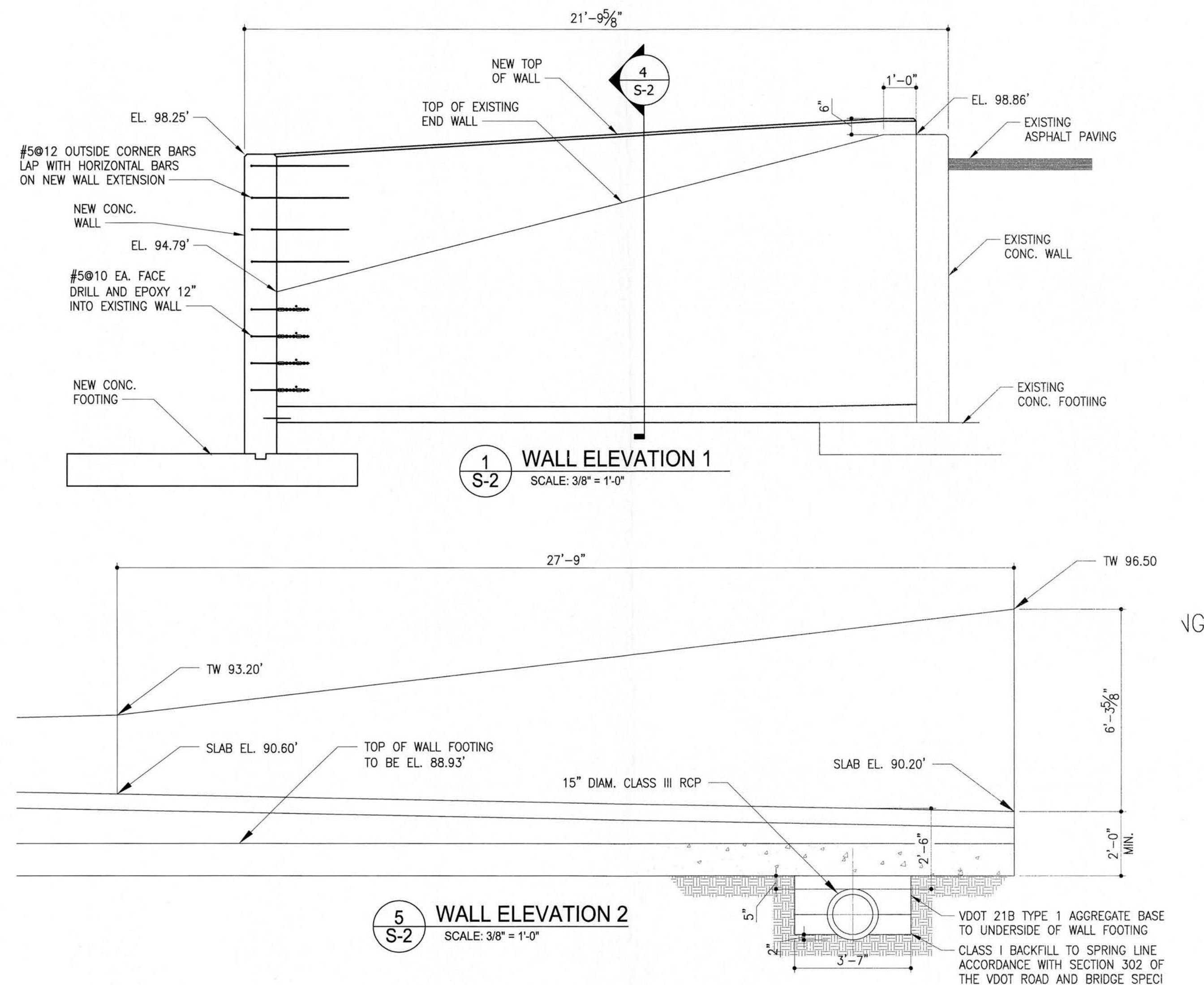
REINFORCING STEEL:

1. REINFORCING STEEL SHALL BE DEFORMED BARS IN ACCORDANCE WITH ASTM A615, GRADE 60.
2. BENDS SHALL BE FABRICATED AS PER DETAILS.
3. PLACE MAIN REINFORCING STEEL SO AS TO PROVIDE:
3" MINIMUM COVER FOR FOUNDATIONS POURED ON EARTH
2" MINIMUM COVER FOR FORMED FACES OF WALLS
1 1/2" FOR ALL REBAR IN TOP OF CONCRETE SLABS
4. ALL WALL AND FOOTING STEEL SHALL HAVE A MINIMUM EXTENSION INTO THE SUPPORTS IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI CODE.
5. PROVIDE ACCESSORIES AND BAR SUPPORTS IN ACCORDANCE WITH THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 315-80).
6. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185, GRADE 60 UNLESS OTHERWISE NOTED. WWF REINFORCING SHALL BE PLACED AT MID-DEPTH OF SLABS ON GRADE AND DRAPED OVER SUPPORTS IN CONCRETE SLABS ON CENTERING. END LAPS OF ALL WWF REINFORCING SHALL BE 8" MINIMUM.
7. UNLESS NOTED OTHERWISE, REINFORCING STEEL BAR LAPS SHALL BE AS FOLLOWS:

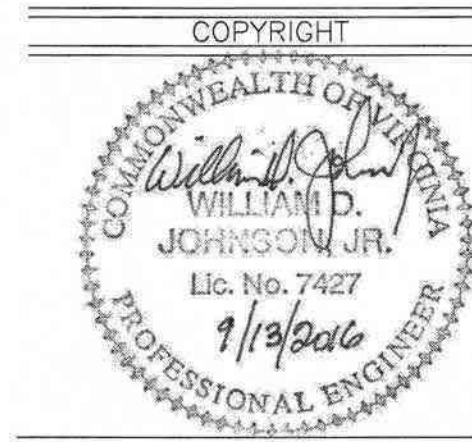
#3 - 1'-9"	#4 - 2'-4"	#5 - 2'-11"
#6 - 3'-6"	#7 - 4'-1"	#8 - 4'-11"
#9 - 6'-2"	#10 - 7'-10"	

APPROVED
James City County
Eng & Arch
Date: 09-05-16
Field Revision 583.024/16

NOTE: THESE DRAWINGS AND SHEET C-2.1 BY AES REPRESENTS A CHANGE TO THE APPROVED PLANS (SP-0083-2013) DUE TO FIELD CONDITIONS ENCOUNTERED DURING CONSTRUCTION.



NOTE: THESE DRAWINGS AND SHEET C-2.1
BY AES REPRESENTS A CHANGE TO THE
APPROVED PLANS (SP-0083-2013) DUE
TO FIELD CONDITIONS ENCOUNTERED
DURING CONSTRUCTION.



PROJECT MANAGER:
WJ
DESIGNED:
WJ
DRAWN:
AN
CHECKED:
WJ
DATE:
09/13/2016

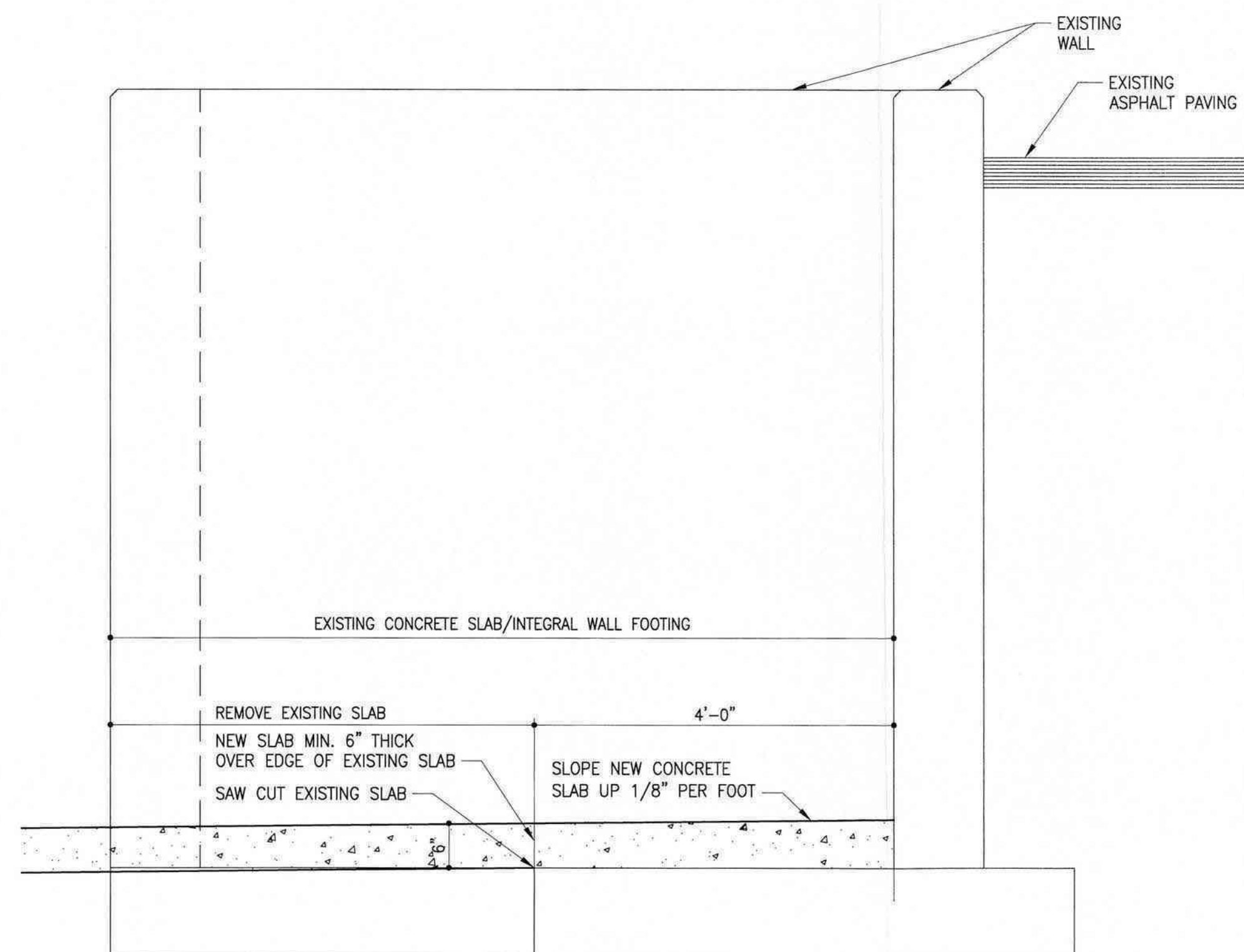
REVISIONS:

1	-
2	-
3	-

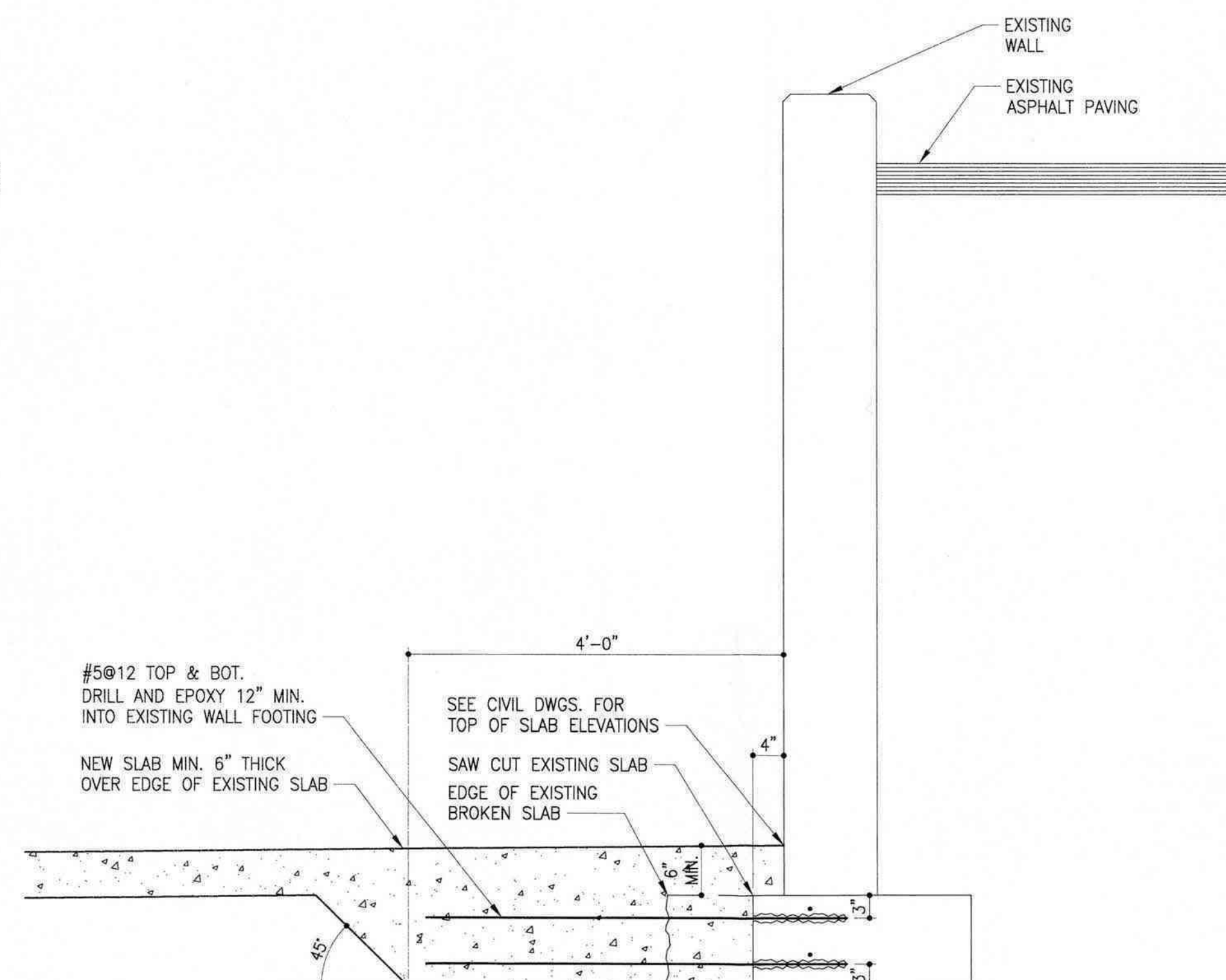
EXISTING WALL ELEVATIONS AND SECTIONS
JAMES CITY COUNTY LANDFILL
JOLLY POND ROAD
POWhatan DISTRICT JAMES CITY COUNTY VIRGINIA

SHEET
S-3
OF 4
CAD NO. 13460-16
JOB NO. 13460-16

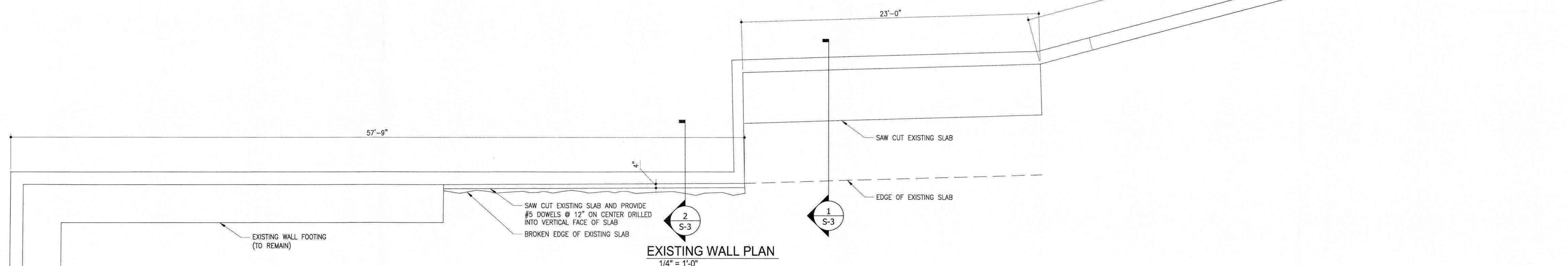
NOTE: THESE DRAWINGS AND SHEET C-2.1
BY AES REPRESENTS A CHANGE TO THE
APPROVED PLANS (SP-0083-2013) DUE
TO FIELD CONDITIONS ENCOUNTERED
DURING CONSTRUCTION.



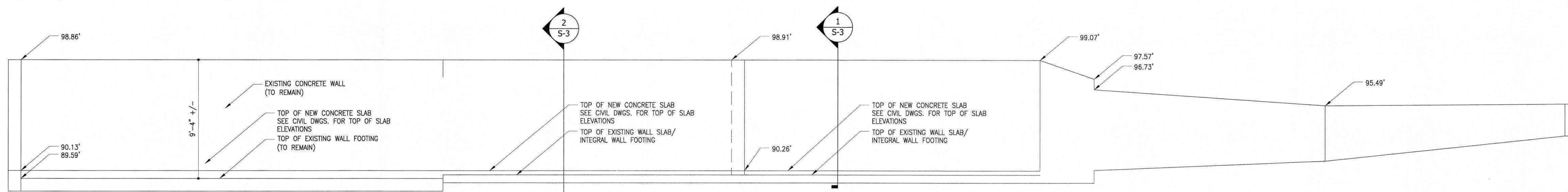
1 SECTION
SCALE: 3/4\" = 1'-0"



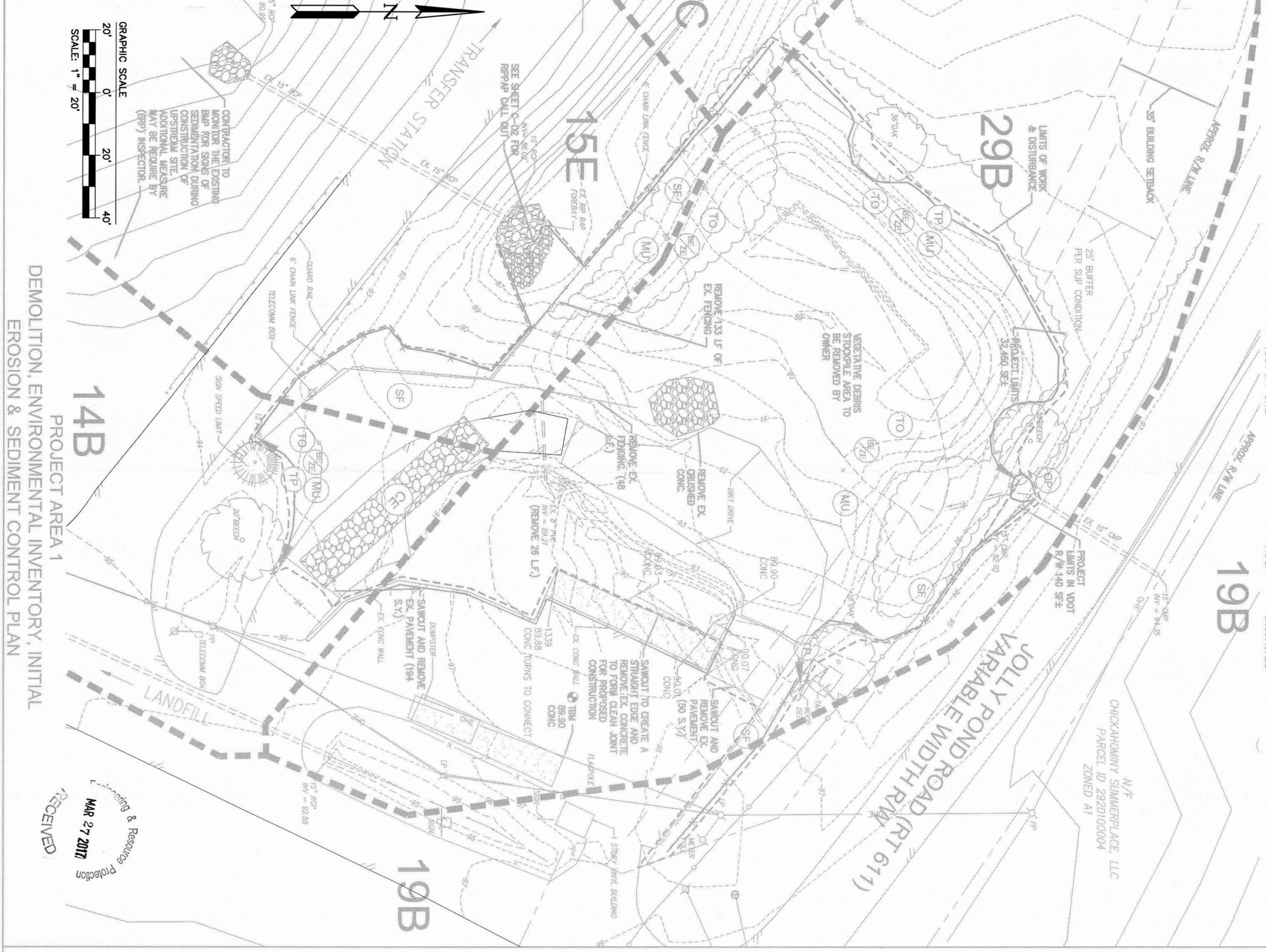
2 SECTION
SCALE: 3/4\" = 1'-0"



EXISTING WALL PLAN
1/4\" = 1'-0"



EXISTING WALL ELEVATION
1/4\" = 1'-0"

[illegible]

1. SITE IS CURRENTLY ZONED PUBLIC LANDS DISTRICT, PL. SUP--0010-2013 WITH CONDITIONS

1. Use: The SRF shall specify the location of the existing sanitary landfill and accessory uses located at 1204 Jolly Pond Road and further identified as James City County Solid Waste Management Facility (the Property).
 2. BIDDING: A 100-foot-wide undisturbed buffer along the perimeter of the landfill shall be maintained while the landfill is being operated on the Property.
 3. BUFFER: A 100-foot-wide undisturbed buffer along the perimeter of the landfill shall be maintained while the landfill is being operated on the Property that is not owned by James City County. This perimeter buffer along Jolly Pond Road shall be 100 feet with the exception of the portion of the Property shown on the document titled "CC Jolly Pond Rd Corridor/Central Improvements, prepared by JCM, dated June 12, 2013," in which case the perimeter buffer shall be no less than 25 feet.
2. SITE ADDRESS: 1204 JOLLY POND ROAD
WILLIAMSBURG, VA 23187
3. TAX MAP PARCEL NO. (30-1)-(1-4)
4. APPLICANT: JAMES CITY COUNTY
PO BOX 8784
WILLIAMSBURG VA 23186-8784
CONTACT: STEVE STANARD
PHONE: (757) 258-9428
FAX: (757) 258-3528

PROJECT DESCRIPTION	DATE	STATUS	COMMENTS
Project A	2023-10-26	Completed	Project A completed successfully.
Project B	2023-10-27	In Progress	Project B is currently in progress.
Project C	2023-10-28	On Hold	Project C is currently on hold.
Project D	2023-10-29	Planned	Project D is currently planned.
Project E	2023-10-30	Completed	Project E completed successfully.
Project F	2023-10-31	In Progress	Project F is currently in progress.
Project G	2023-11-01	On Hold	Project G is currently on hold.
Project H	2023-11-02	Planned	Project H is currently planned.
Project I	2023-11-03	Completed	Project I completed successfully.
Project J	2023-11-04	In Progress	Project J is currently in progress.
Project K	2023-11-05	On Hold	Project K is currently on hold.
Project L	2023-11-06	Planned	Project L is currently planned.
Project M	2023-11-07	Completed	Project M completed successfully.
Project N	2023-11-08	In Progress	Project N is currently in progress.
Project O	2023-11-09	On Hold	Project O is currently on hold.
Project P	2023-11-10	Planned	Project P is currently planned.
Project Q	2023-11-11	Completed	Project Q completed successfully.
Project R	2023-11-12	In Progress	Project R is currently in progress.
Project S	2023-11-13	On Hold	Project S is currently on hold.
Project T	2023-11-14	Planned	Project T is currently planned.
Project U	2023-11-15	Completed	Project U completed successfully.
Project V	2023-11-16	In Progress	Project V is currently in progress.
Project W	2023-11-17	On Hold	Project W is currently on hold.
Project X	2023-11-18	Planned	Project X is currently planned.
Project Y	2023-11-19	Completed	Project Y completed successfully.
Project Z	2023-11-20	In Progress	Project Z is currently in progress.
Project AA	2023-11-21	On Hold	Project AA is currently on hold.
Project AB	2023-11-22	Planned	Project AB is currently planned.
Project AC	2023-11-23	Completed	Project AC completed successfully.
Project AD	2023-11-24	In Progress	Project AD is currently in progress.
Project AE	2023-11-25	On Hold	Project AE is currently on hold.
Project AF	2023-11-26	Planned	Project AF is currently planned.
Project AG	2023-11-27	Completed	Project AG completed successfully.
Project AH	2023-11-28	In Progress	Project AH is currently in progress.
Project AI	2023-11-29	On Hold	Project AI is currently on hold.
Project AJ	2023-11-30	Planned	Project AJ is currently planned.
Project AK	2023-12-01	Completed	Project AK completed successfully.
Project AL	2023-12-02	In Progress	Project AL is currently in progress.
Project AM	2023-12-03	On Hold	Project AM is currently on hold.
Project AN	2023-12-04	Planned	Project AN is currently planned.
Project AO	2023-12-05	Completed	Project AO completed successfully.
Project AP	2023-12-06	In Progress	Project AP is currently in progress.
Project AQ	2023-12-07	On Hold	Project AQ is currently on hold.
Project AR	2023-12-08	Planned	Project AR is currently planned.
Project AS	2023-12-09	Completed	Project AS completed successfully.
Project AT	2023-12-10	In Progress	Project AT is currently in progress.
Project AU	2023-12-11	On Hold	Project AU is currently on hold.
Project AV	2023-12-12	Planned	Project AV is currently planned.
Project AW	2023-12-13	Completed	Project AW completed successfully.
Project AX	2023-12-14	In Progress	Project AX is currently in progress.
Project AY	2023-12-15	On Hold	Project AY is currently on hold.
Project AZ	2023-12-16	Planned	Project AZ is currently planned.
Project BA	2023-12-17	Completed	Project BA completed successfully.
Project BB	2023-12-18	In Progress	Project BB is currently in progress.
Project BC	2023-12-19	On Hold	Project BC is currently on hold.
Project BD	2023-12-20	Planned	Project BD is currently planned.
Project BE	2023-12-21	Completed	Project BE completed successfully.
Project BF	2023-12-22	In Progress	Project BF is currently in progress.
Project BG	2023-12-23	On Hold	Project BG is currently on hold.
Project BH	2023-12-24	Planned	Project BH is currently planned.
Project BI	2023-12-25	Completed	Project BI completed successfully.
Project BJ	2023-12-26	In Progress	Project BJ is currently in progress.
Project BK	2023-12-27	On Hold	Project BK is currently on hold.
Project BL	2023-12-28	Planned	Project BL is currently planned.
Project BM	2023-12-29	Completed	Project BM completed successfully.
Project BN	2023-12-30	In Progress	Project BN is currently in progress.
Project BO	2023-12-31	On Hold	Project BO is currently on hold.
Project BP	2024-01-01	Planned	Project BP is currently planned.
Project BQ	2024-01-02	Completed	Project BQ completed successfully.
Project BR	2024-01-03	In Progress	Project BR is currently in progress.
Project BS	2024-01-04	On Hold	Project BS is currently on hold.
Project BT	2024-01-05	Planned	Project BT is currently planned.
Project BU	2024-01-06	Completed	Project BU completed successfully.
Project BV	2024-01-07	In Progress	Project BV is currently in progress.
Project BW	2024-01-08	On Hold	Project BW is currently on hold.
Project BX	2024-01-09	Planned	Project BX is currently planned.
Project BY	2024-01-10	Completed	Project BY completed successfully.
Project BZ	2024-01-11	In Progress	Project BZ is currently in progress.
Project CA	2024-01-12	On Hold	Project CA is currently on hold.
Project CB	2024-01-13	Planned	Project CB is currently planned.
Project CC	2024-01-14	Completed	Project CC completed successfully.
Project CD			

THIS PROJECT CONSISTS OF DEVELOPING AN AREA ALREADY IN USE FOR THE COLLECTING OF BRUSH AND LEAVES. THIS WORK WILL PROVIDE A MORE SUITABLE AREA FOR COLLECTING, HANDLING AND DEPOSITING BRUSH AND LEAVES. AN IMPROVED RECYCLING AREA FOR OIL/ANTIFREEZE PRODUCTS, DRAIN IMPROVEMENTS AND LANDSCAPING ARE ALSO INCLUDED WITH THIS PROJECT.

THE EXISTING SITE IS CURRENTLY USED FOR COUNTY COLLECTION OF RESIDENTIAL TRASH AND WOOD STORM DEBRIS. EXISTING DAM BELONG PROJECT AREA 1 TO BE IMPROVED TO MEET CURRENT STANDARDS. THE EXISTING RECYCLING AREA FOR OIL, ANTIFREEZE AND BATTERIES WILL BE RELOCATED.

IMPROVED TO MEET CURRENT STANDARDS. THE EXISTING RECYCLING AREA FOR OIL, ANTIFREEZE AND BATTERIES WILL BE RELOCATED.

THIS PROJECT site is with PROJECT CORNER LOT, owned by JAMES COTT COUNTY, PROPERTY is bordered by SULLY ROAD ROAD AND CHICKADEE SUMMERLAGE, LLC, TO THE NORTH, OLD DOMINION HUNT CLUB TO THE EAST, AND THE REMAINDER OF MOSTLY UNDEVELOPED COUNTY PROPERTY TO THE SOUTH AND WEST.

OFF SITE
OFF SITE WORK REQUIRED FOR THIS PROJECT WILL BE WITHIN (VDOT) VIRGINIA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY. WORK WILL CONSIST OF UPGRADING DITCH FROM EXISTING 15" PIPE OUTFALL TO ONSITE SYSTEM.

FINE SANDY LOAMS SOIL TYPE, WITH SLOPES RANGING FROM 2 TO 6 PERCENT IN PLACE OF GRASS/INDICATOR THE SOILS CONSIST OF 11% GRAVEL—CLAYEY COAR-

PERCENT, 198 KEMPSTILL—EMPHORIA FINE SANDY LOAMS SOIL TYPE, WITH SLOPES RANGING FROM 2 TO 6 PERCENT AND 21B SLAUE FINE SANDY LOAMS SOIL TYPE, WITH SLOPES RANGING FROM 2 TO 6 PERCENT.

THERE ARE NO AREAS OF HIGHLY ERODIBLE SOILS IN AREA OF DISTURBANCE

EROSION AND SEDIMENT CONTROL MEASURES
UNLESS OTHERWISE INDICATED, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESH). THE MINIMUM STANDARDS OF THE VESH SHALL BE ADHERED TO UNLESS OTHERWISE WAIVED OR APPROVED BY THE ON-SITE QA CONTROL INSPECTOR. THESE MEASURES SHALL INCLUDE BUT NOT BE LIMITED TO: SLOPE PROTECTION, ROCK CHECK DAM, TREE PROTECTION, TOPSOIL, SEEDING, CONSTRUCTION ENTRANCE, GRASS ESTABLISHMENT AND MULCH.

1. CONSTRUCTION SHALL BE SEQUENCED SUCH THAT GRADING OPERATIONS CAN BEGIN AND END AS QUICKLY AS POSSIBLE.
2. EAS CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES.

2. EAS CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES.
3. TEMPORARY SEEDING OR OTHER STABILIZATION SHALL FOLLOW IMMEDIATELY AFTER GRADING.

REMAINENT STAIN TATION

FOLLOWING FINISH GRADING, SEEDING SHALL BE IN ACCORDANCE WITH THE SPEC. ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY

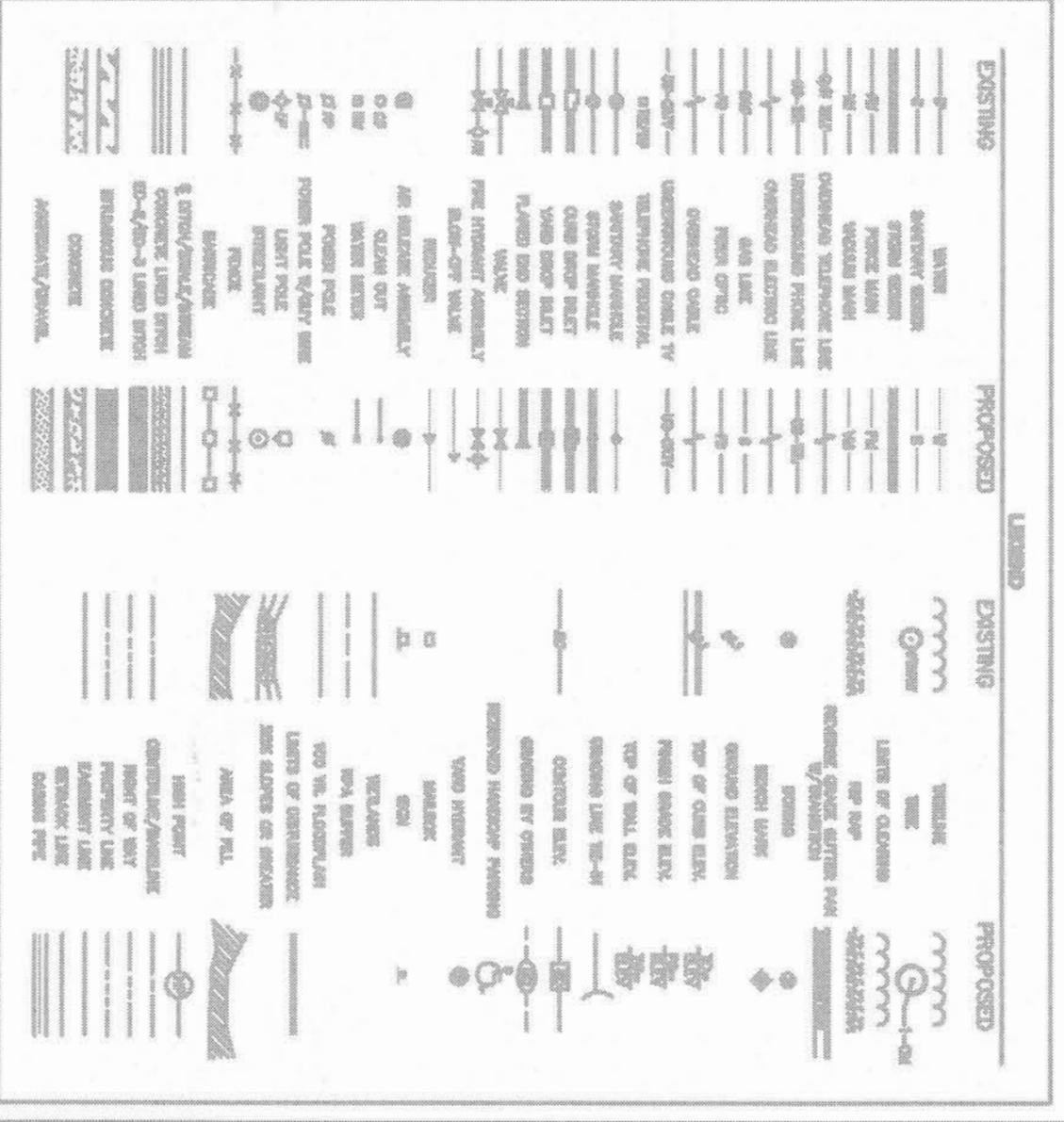
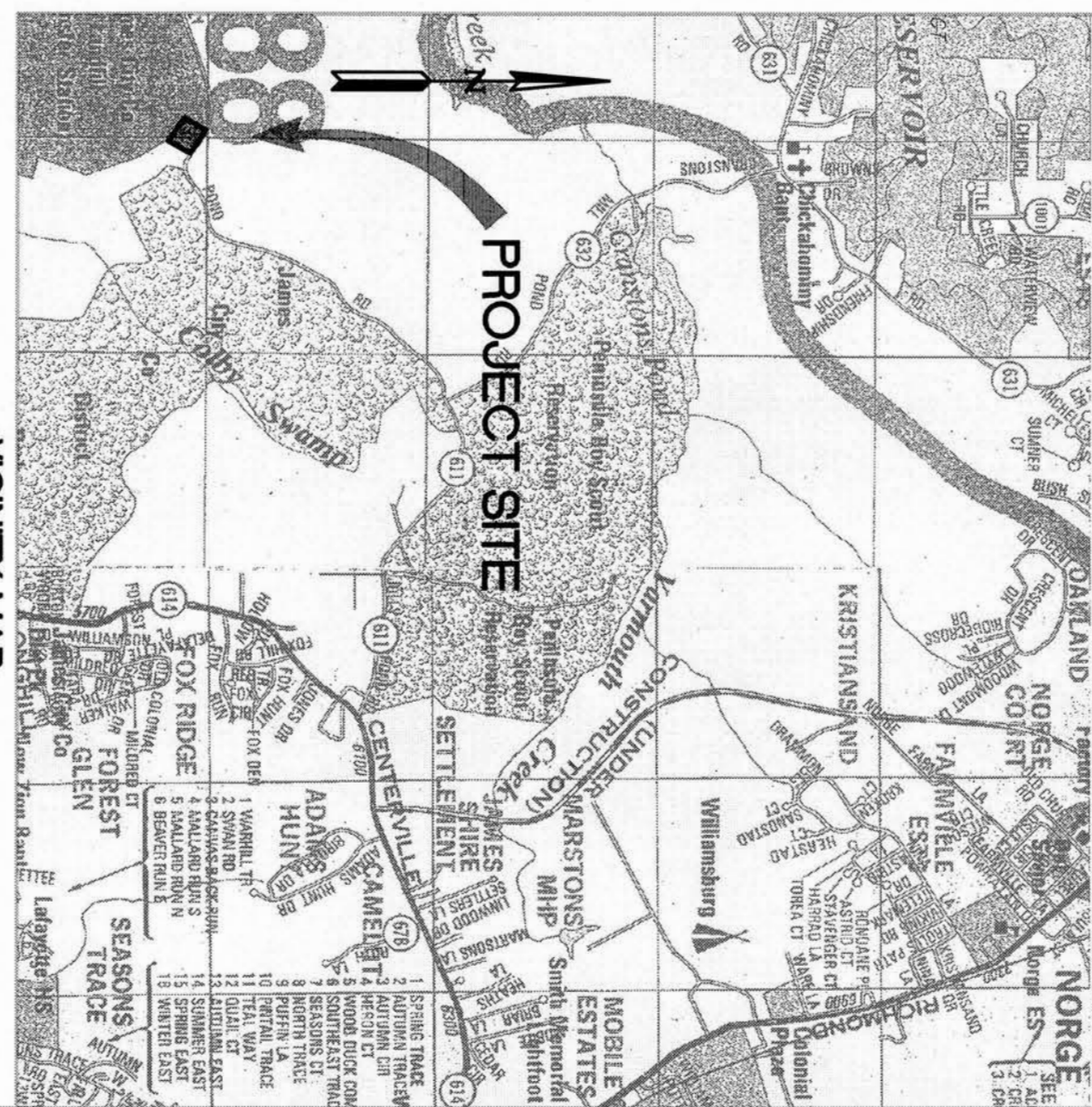
INSURE THAT THEY ARE OPERATING EFFECTIVELY. ALL MEASURES SHALL BE MAINTAINED IN ACCORDANCE WITH THE VESCH.

1. PRIOR TO OBTAINING LAND DISTURBING PERMIT, THE CONTRACTOR SHALL OBTAIN A VSAP PERMIT (VIRGINIA STORMWATER MANAGEMENT

1. PROGRAM) FROM DEPARTMENT OF ENVIRONMENTAL QUALITY AND A DEMOLITION PERMIT FROM CODE COMPLIANCE.
2. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE JAMES CITY COUNTY ENGINEERING & RESOURCE PROTECTION DIVISION PRIOR TO BEGINNING ANY WORK AT THE SITE.
3. CONTRACT "WASS UTILITY FOR PUBLIC SERVICES AND CONTACT A PRIVATE UTILITY LOCATOR FOR PRIVATE SERVICES.
4. INSTALL CONSTRUCTION ENTRANCE, SALT FENCE, INLET PROTECTION, OUTLET PROTECTION AND TREE PROTECTION.
5. INSTALL STORM DRAIN, CONCRETE AND FENCING AS SHOWN ON PLAN, REMOVE AND PROTECT FENCING TO BE RE-INSTALLED FOR PIPE PROPOSED IN CONSTRUCTION.
6. INSTALL STORM DRAINS, CATCH BASIN AND FOREBAY.
7. EXCAVATE AND CONSTRUCT RETAINING WALLS AND PAD ADJACENT TO WALLS.
8. IMPORT FILL TIL MATERIAL, IN 8' LIFTS AND COMPACT TO 95% TO STONE SUBBASE, PROOF ROLL ENTIRE AREA PRIOR TO PLACEMENT OF STONE BASE.
9. BACKFILL AROUND BACK OF CONCRETE BLOCS.
10. CONSTRUCT OVERLAY CONCRETE PAD AND CONSTRUCT CONCRETE BLOCS AND PLACE IN APPROPRIATE POSITIONS.
11. CONSTRUCT STONE WALLS AND STONE BENCHES AS SHOWN ON PLAN.
12. REMOVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN AND NEAR DRAINS OF FINAL SITE STABILIZATION, BUT ONLY AFTER APPROVAL IS OBTAINED FROM THE ASSIGNED JAMES CITY COUNTY ENGINEERING & RESOURCE PROTECTION INSPECTOR.

1. INSTALL SILT FENCE AS SHOWN ON C-03.

2. REMOVE EXISTING 3" ROP AND INSTALL NEW 15" ROP AND OUTLET STRUCTURE.
3. REMOVE EXISTING RIPRAP AND CONSTRUCT SILLING BASIN.
4. REMOVE EXIST 7" CEDAR AND ANY OTHER TREES NECESSARY FOR CONSTRUCTION WITHIN LIMITS.
5. SHORE TOPSOIL AND STOCK PILE IN DESIGNATED AREA BY OWNERS ON SITE REPRESENTATIVE FOR RE-USE.
6. IMPORT CLAY FILL MATERIAL IN 8' LIFTS TO BE COMPACTED TO 95% PROCTOR AND TESTED BY GEOTECH.
7. TROPICAL, SEED AND PROVIDE MAINTENANCE OVER COMPLETE DISTURBED AREA.
8. OBTAINED FROM THE ASSIGNED JAMES CITY COUNTY ENGINEERING & RESOURCE PROTECTION INSPECTOR.



CODE	CONSTRUCTION DETAILING (SPEC. 3.30)
SE	SILT FENCE (SPEC. 3.30)
CFP	GALLERY INLET PROTECTION (SPEC. 3.08-1 WITH STONE COUNTERMARCH INSIDE) OF SILT FENCE
OP	OUTLET PROTECTION (SPEC. 3.18)
TP	TREE PROTECTION (SPEC. 3.30)
TO	TOPSOILING (SPEC. 3.30)
BE	BERM/SHOULDER ESTABLISHMENT (SPEC. 3.34)
ZE	ZONAL/GRASS ESTABLISHMENT (SPEC. 3.34)
ML	MULCHING (SPEC. 3.30)
EC-3	TREATMENT 1 SOIL STABILIZATION MATTING (SPEC. 3.30)

CRABEN
 C
 ELPIRRA
 C
 ELPIRRA
 C
 KENILWORTH
 B
 SLUDGE
 C

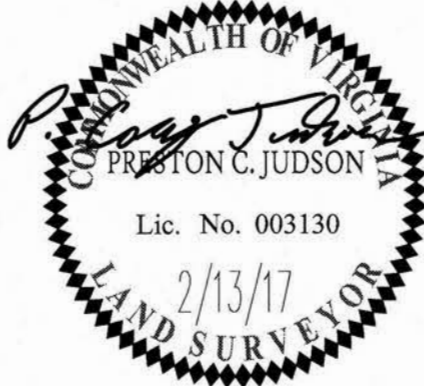
THE CITY OF WILMANSBURG, VIRGINIA* ISSUED IN APRIL, 1986 BY THE
 UNITED STATES DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE IN
 COOPERATION WITH VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY.

MAP SHOWN IS A "BEST FIT MODEL" OF THE SCS MAPS WITH EXISTING
 INFORMATION.

PROJECT AREA EMMENTAL INVENTORY

PROJECT AREA 1 IMPACTS		PROJECT AREA 2 IMPACTS	
WETLANDS:			
1. SHORES	NONE ON SITE		
2. TIDAL WETLANDS IN PRA-	NONE ON SITE		
IRIALS	NONE ON SITE		
3. FLOOD PROTECTION AREAS-	NOT IMPACTED	0.222 AC. IMPACT	
4. TIDAL WETLANDS IN RUA-	NOT IMPACTED	NOT IMPACTED	
5. RICE SOILS	NOT IMPACTED	NOT IMPACTED	
6. DRAINAGE	NONE ON SITE	0.046 AC IMPACT	
7. PYES 25% OR GREATER	NONE ON SITE		
8. 25% SLOPES			

COUNTY PLAN NUMBER: SP-033-13



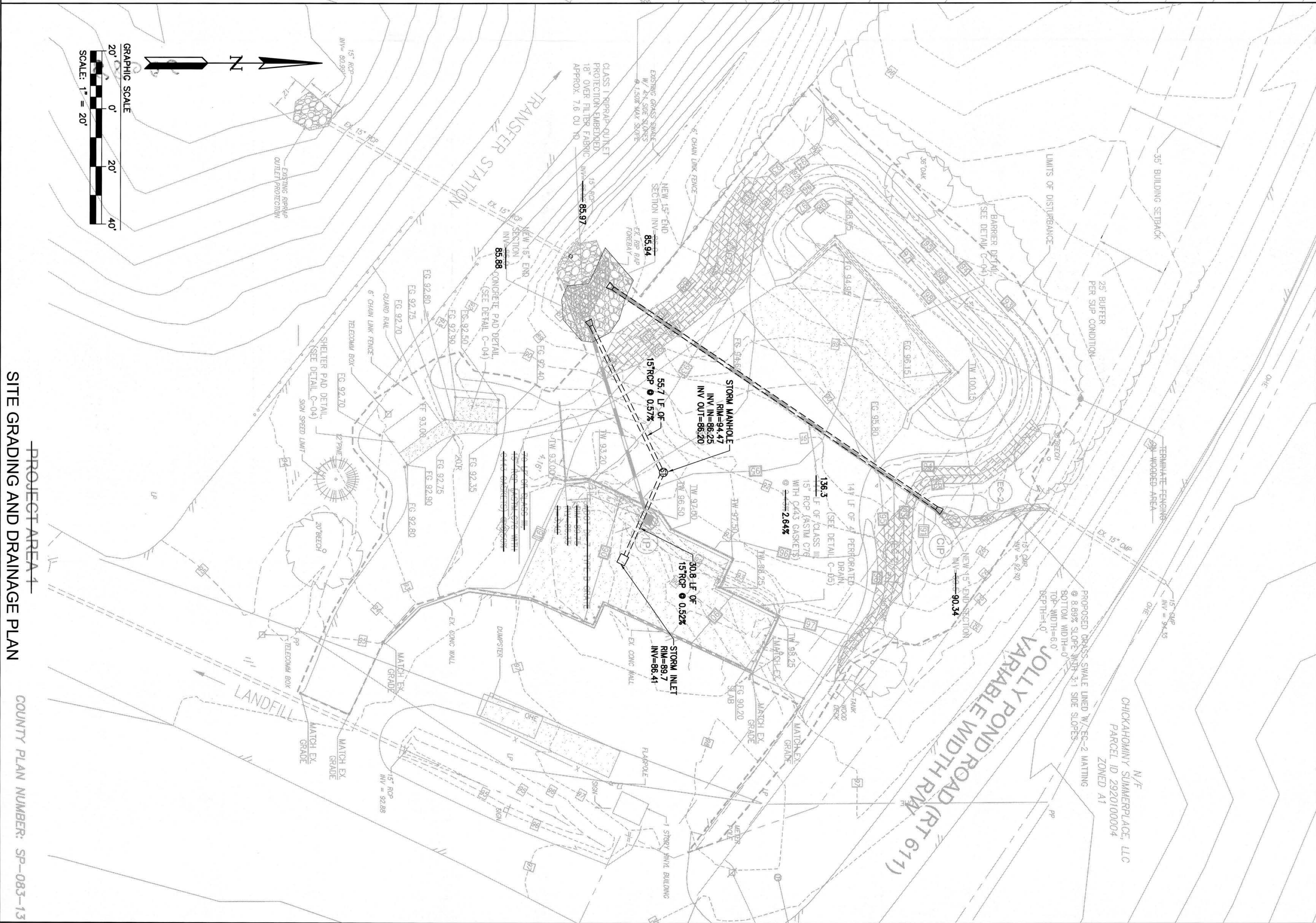
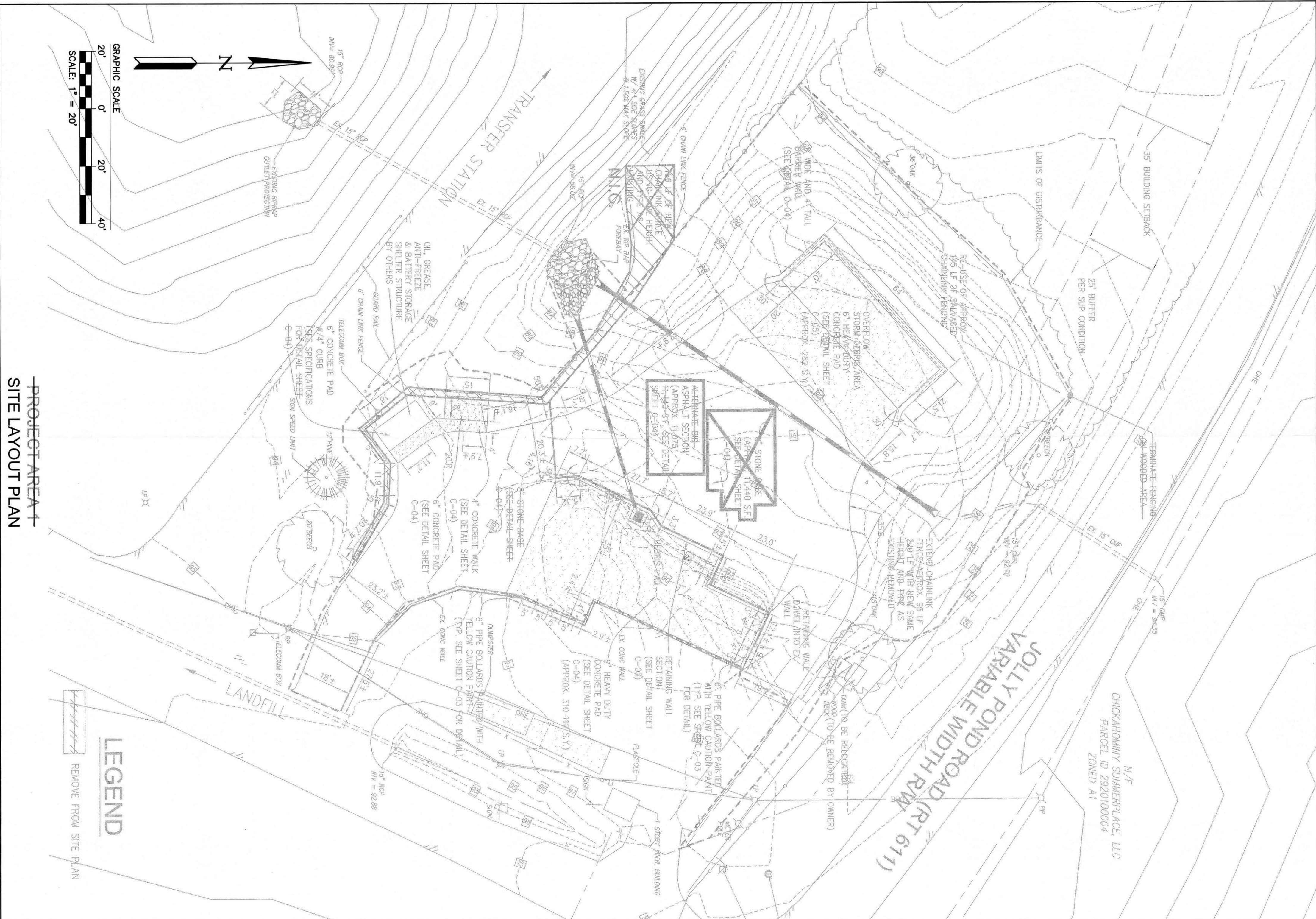
"THE AS-BUILT LOCATIONS AND GRADES SHOWN ON THESE DRAWINGS, ARE ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF AND I CERTIFY THAT I, OR MY AGENT, HAVE MADE SUFFICIENT INSPECTION TO ENSURE THE ACCURACY OF THIS STATEMENT."

P. Craig Judson 2/13/17
PRESTON C. JUDSON DATE



RECORD DRAWING
FOR
JAMES CITY COUNTY LANDFILL
JOLLY POND ROAD

POWhatan DISTRICT JAMES CITY COUNTY VIRGINIA



5. Construction Drawings

6. Design Calculations

7. Reports

8. Correspondence

9. Inspections

10. Permitting

11. Miscellaneous

(ex. photos)

12. Project Development Documents