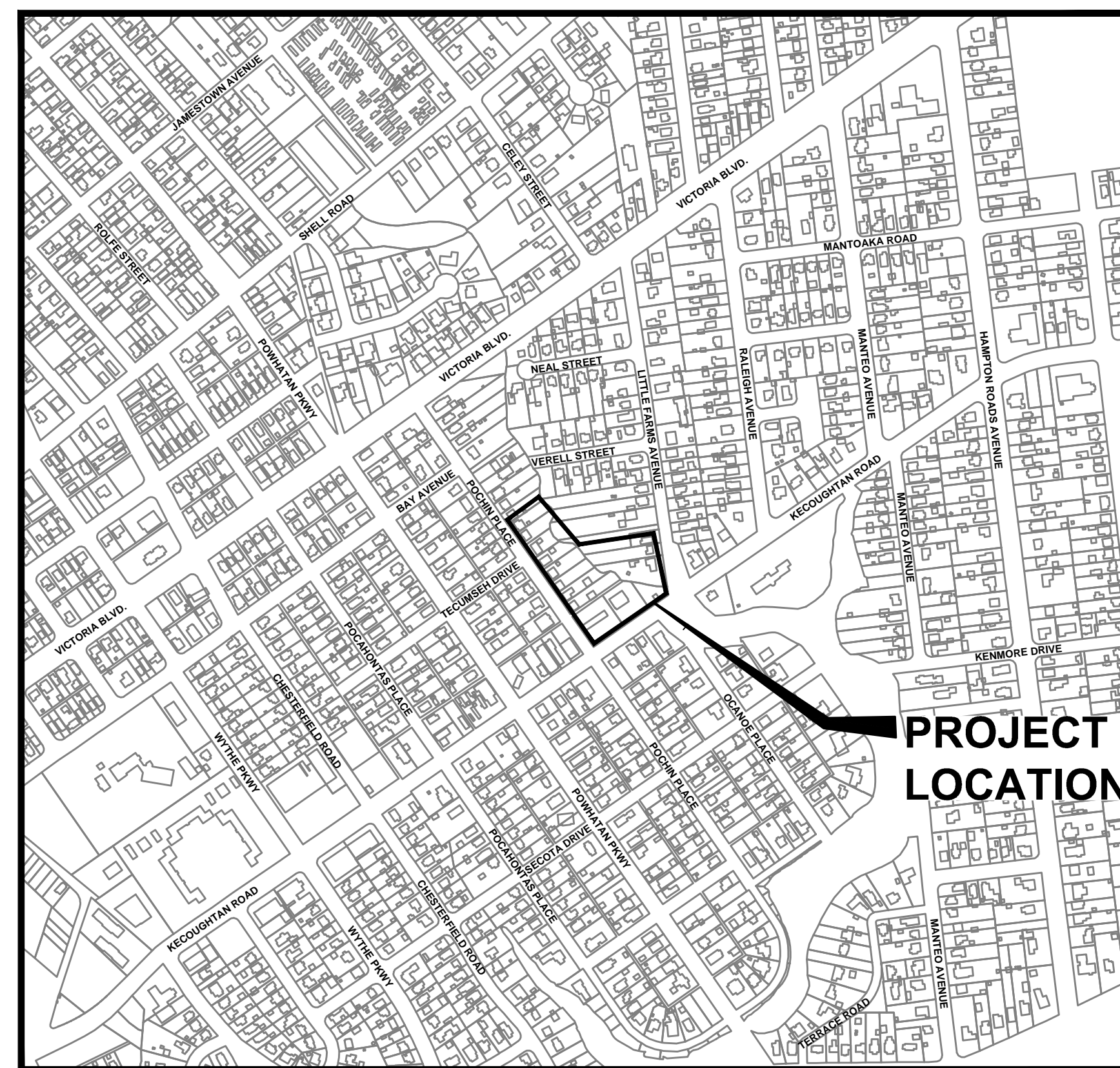


CITY OF HAMPTON, VA DEPARTMENT OF PUBLIC WORKS

22 Lincoln Street, Hampton, VA 23669
757-727-6346 (TEL)
757-727-6123 (FAX)

Pochin Place/Indian River Creek Stormwater Basin City Project 17-018

DRAWING INDEX	
Sheet Number	Sheet Title
T1	TITLE SHEET
G1	LEGEND, GENERAL NOTES, SURVEY NOTES AND ABBREVIATIONS
D1	OVERALL SITE EXISTING CONDITIONS AND DEMOLITION PLAN
C1	OVERALL SITE LAYOUT PLAN
C2	SITE LAYOUT AND GRADING PLAN
C3	SITE LAYOUT AND GRADING PLAN
C4	SITE LAYOUT AND GRADING PLAN
C5	SITE PLAN CROSS SECTIONS
C6	MISCELLANEOUS DETAILS
ESC1	SITE EROSION AND SEDIMENT CONTROL DETAILS
ESC2	SITE EROSION AND SEDIMENT CONTROL NOTES
ESC3	SITE EROSION AND SEDIMENT CONTROL DETAILS
L1	SITE PLANTING PLAN
L2	SITE PLANTING NOTES AND DETAILS



VICINITY MAP

SCALE: 1"=500'

TOTAL PROJECT AREA: 170,480 S.F. (3.91 AC.)
TOTAL DISTURBED AREA: 106,127 S.F. (2.44AC.)

CONTACT INFORMATION:

OWNER: CITY OF HAMPTON, VA
DEPARTMENT OF PUBLIC WORKS
22 LINCOLN STREET
HAMPTON, VA 23669
TEL: (757) 727-6284
FAX: (757) 727-6123

ENGINEER: AECOM
11832 ROCK LANDING DRIVE
SUITE 306
NEWPORT NEWS, VA 23606

CONTACT: MR. FRED WHITLEY, P.E.
TEL: (757) 873-0559
DIRECT: (757) 383-6206

CONTACT: MR. BRIAN LEWIS, P.E.

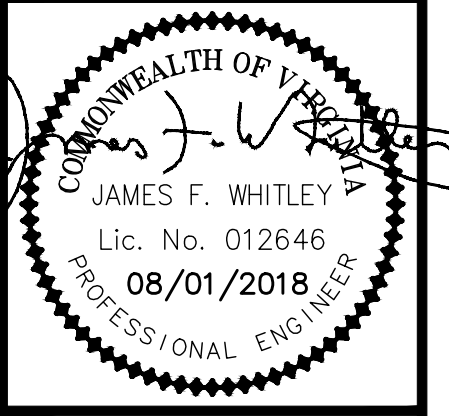
BEFORE YOU DIG CALL
"MISS UTILITY"
OF VIRGINIA
811

THE LOCATION OF EXISTING SEWER, WATER, AND GAS PIPES, CONDUITS AND OTHER STRUCTURES ACROSS, UNDERNEATH, OR OTHERWISE ALONG THE LINE OF PROPOSED WORK ARE NOT NECESSARILY SHOWN ON THE PLANS, AND WHERE SHOWN ARE ONLY APPROXIMATELY CORRECT. THE CONTRACTOR SHALL BE LIABLE FOR ALL DAMAGES DONE TO ANY STRUCTURES OR PROPERTY THROUGH HIS NEGLIGENCE OR CARELESSNESS. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL UNDERGROUND STRUCTURES AND UTILITIES SHOWN ON THE PLAN IN THE AREA OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT THE ENGINEER IMMEDIATELY IF STRUCTURE LOCATIONS OR ELEVATIONS ARE DIFFERENT FROM THOSE SHOWN ON THE PLAN, OR IF THERE APPEARS TO BE A CONFLICT, OR UPON DISCOVERY OF UTILITIES OR STRUCTURES NOT SHOWN ON THE PLAN. A MINIMUM OF 72 HOURS PRIOR TO EXCAVATING, "MISS UTILITY" OF VIRGINIA (811) MUST BE CONTACTED.

APPROVED: JM, DATE: 11/2/2018
JASON MITCHELL
INTERIM DIRECTOR OF PUBLIC WORKS

APPROVED: Brian Lewis, DATE: 11/2/2018
BRIAN LEWIS, P.E.
WATER RESOURCES ENGINEER

OFFICE REVIEW SUMMARY	SR	FINAL
PROJECT MANAGER	30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> FINAL	JFW
PROJECT Q.A. Q.C.	30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> FINAL	
PROJECT ENGINEER	30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> FINAL	AW
DRAFTSMAN	30% <input type="checkbox"/> 60% <input type="checkbox"/> 90% <input type="checkbox"/> FINAL	AW
DRAFTSMAN		BR



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POCHIN PLACE/INDIAN RIVER CREEK
STORMWATER BASIN

TITLE SHEET
CITY OF HAMPTON DEPARTMENT OF PUBLIC WORKS
22 LINCOLN STREET, HAMPTON, VIRGINIA 23669
TEL: 757-727-6346 FAX: 757-727-6123

DATE	REVISIONS

ISSUE DATE:
August 1, 2018

SHEET
T1

GENERAL NOTES:

- THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH CURRENT APPLICABLE CODES AND THE FOLLOWING DOCUMENTS, AS AMENDED BY CONTRACT PROVISIONS AND THE PLANS:
 - AASHTO – A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS (6TH EDITION, 2011)
 - CITY OF HAMPTON DESIGN AND CONSTRUCTION STANDARDS (2012 EDITION)
 - CITY OF HAMPTON UTILITY POLICY (3rd EDITION, 2012)
 - VDOT ROAD AND BRIDGE STANDARDS (2016 EDITION)
 - VDOT ROAD AND BRIDGE SPECIFICATIONS (2016 EDITION)
 - FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD, 2009 EDITION WITH REVISION NUMBERS 1 AND 2 INCORPORATED, DATED MAY 2012) AND THE VA SUPPLEMENT (2011 EDITION WITH REVISION NUMBER 1 INCORPORATED, DATED SEPTEMBER 2013)
 - VIRGINIA WORK AREA PROTECTION MANUAL (2011 EDITION WITH REVISION NUMBER 1 INCORPORATED, DATED APRIL 2015)
 - VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (3rd EDITION, 1992)
- DIMENSIONS ARE FROM FACE OF BUILDING OR FACE OF CURB UNLESS OTHERWISE NOTED. ALL FILLET RADII SHALL BE MEASURED TO FACE OF CURB.
- THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT, MATERIAL AND GENERAL CONSTRUCTION DEBRIS FROM THE PROJECT SITE AND DISPOSE OF THE SAME IN A LEGAL MANNER AND/OR DELIVER TO THE CITY THOSE ITEMS SO DESIGNATED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, REPLACEMENT, AND TEMPORARY RELOCATION OF EXISTING SIGNS UNLESS OTHERWISE INDICATED.
- UNFORESEEN EXISTING ABANDONED STRUCTURES OR UTILITY LINES THAT ARE ENCOUNTERED DURING CONSTRUCTION SHALL NOT BE REMOVED WITHOUT AUTHORIZATION FROM THE CITY OR THE UTILITY OWNER.
- AREAS OUTSIDE THE LIMITS OF THE PROPOSED WORK DISTURBED/DENUDED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITIONS AT THE CONTRACTOR'S EXPENSE. ALL AREAS DISTURBED DURING CONSTRUCTION NOT COVERED WITH BUILDINGS, STRUCTURES, OR PAVEMENTS, SHALL BE GRADED TO DRAIN, TOPSOILED, SEEDED AND MULCHED AS REQUIRED BY THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING, AT HIS OWN EXPENSE, ANY EXISTING UTILITIES, PAVEMENT, CONCRETE ITEMS, PIPES, LANDSCAPING, AND OTHER ITEMS THAT ARE DAMAGED DURING CONSTRUCTION.
- UNLESS OTHERWISE SPECIFIED, SAWCUT WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO OTHER LIKE ITEMS.
- THE CONTRACTOR SHALL NOT ENCROACH UPON THE LIMITS OF WETLANDS, RESOURCE PROTECTION AREA (RPA) BUFFER ZONES AND/OR WATERS OF THE U.S. (WOUS) UNLESS OTHERWISE SPECIFIED AND ALLOWED BY APPROPRIATE ENVIRONMENTAL PERMIT(S). ANY FINES ASSOCIATED WITH ANY ENVIRONMENTAL PERMIT OR REGULATORY VIOLATIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- UNLESS OTHERWISE SPECIFIED, UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED AND REPLACED WITH SELECT MATERIAL TYPE II MINIMUM CBR 20.
- STOCKPILE LOCATIONS AND LAYDOWN AREAS ARE LIMITED TO AREAS WITHIN THE RIGHT OF WAY AND EXISTING BACK OF CURB AND SHALL NOT BE LOCATED WITHIN THE "CLEAR ZONE" AS DEFINED IN THE AASHTO ROADSIDE DESIGN GUIDE. CONSTRUCTION ENTRANCES SHALL BE PLACED AS NEEDED BY THE CONTRACTOR ACCORDING TO STANDARD DETAILS.
- ALL PAVEMENT MARKINGS ERADICATED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE KIND. THESE MAY BE TEMPORARY, AS APPROVED BY CITY OF HAMPTON DEPARTMENT OF PUBLIC WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERADICATING ANY CONFLICTING PAVEMENT MARKINGS.
- WHERE DESIGNATED ON THE PLANS, ALL TREES, STUMPS, ROOTS, BRUSH AND OTHER VEGETATION SHALL BE CLEARED AND GRUBBED. TREES INDICATED TO REMAIN SHALL BE TRIMMED OF DEAD BRANCHES, PAINTED WITH TREE-WOUND PAINT, AND PROTECTED FROM DAMAGE. ALL DEPRESSIONS SHALL BE FILLED AND COMPACTED.
- IF A CONSTRUCTION TRAILER CONTAINING TOILET FACILITIES IS PROPOSED DURING CONSTRUCTION, IT SHALL BE CONNECTED TO THE SEWER SYSTEM OR A "PUMP AND HAUL" PERMIT SHALL BE OBTAINED FROM THE HEALTH DEPARTMENT.
- GRADING AND DRAINAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH VDOT ROAD AND BRIDGE SPECIFICATIONS, LATEST EDITION.
- CONTRACTOR SHALL RESTORE GRADE TO PRE-CONSTRUCTION CONDITION UNLESS OTHERWISE NOTED ON THE PLANS.
- FINISHED GRADES SHALL SLOPE UNIFORMLY BETWEEN SPOT ELEVATIONS SHOWN.
- ALL TRANSITIONS IN GRADING SHALL BE SMOOTH AND ROUNDED CURVES.
- THE CONTRACTOR SHALL REINSTALL ALL SIGNS, PAVEMENT MARKINGS, AND ROADWAY LIGHTING IN ACCORDANCE WITH VDOT STANDARDS, ALONG STATE ROADWAYS AND PUBLIC OR PRIVATE STREETS, AS REQUIRED BY THE CITY OF HAMPTON DEPARTMENT OF PUBLIC WORKS.
- ALL REQUIRED LANDSCAPE ELEMENTS (EXISTING TO BE RETAINED OR PROPOSED), AS SPECIFIED ON THE APPROVED LANDSCAPE PLAN, SHALL BE PROVIDED BY THE CONTRACTOR AND ACCEPTED BY THE CITY OF HAMPTON'S LANDSCAPE SERVICES COORDINATOR. FOR MORE INFORMATION CONTACT (757) 728-2444 OR (757) 727-6075 TO SCHEDULE A LANDSCAPING INSTALLATION INSPECTION.

UTILITY NOTES:

- THIS PLAN DOES NOT GUARANTEE THE EXISTENCE, NONEXISTENCE, SIZE, TYPE, LOCATION, ALIGNMENT, OR DEPTH OF ANY OR ALL UNDERGROUND UTILITIES OR OTHER FACILITIES. WHERE SURFACE FEATURES (MANHOLES, CATCH BASINS, VALVES, ETC.) ARE UNAVAILABLE OR INCONCLUSIVE, INFORMATION SHOWN MAY BE FROM UTILITY OWNER'S RECORDS AND/OR ELECTRONIC LINE TRACING. THE RELIABILITY OF WHICH IS UNCERTAIN. THE CONTRACTOR SHALL PERFORM WHATEVER TEST EXCAVATION OR OTHER REINVESTIGATION AS NECESSARY TO VERIFY LOCATIONS AND CLEARANCES AT HIS OWN COST, AND SHALL REPORT IMMEDIATELY ANY DISCREPANCIES TO THE ENGINEER. ANY TEST EXCAVATION OR OTHER REINVESTIGATION NECESSARY SHALL BE PERFORMED IN ADVANCE OF PLANNED WORK IN THE AREA TO PREVENT SCHEDULE DELAYS.
- PRIOR TO CONSTRUCTION OR EXCAVATION, THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES (PUBLIC OR PRIVATE) THAT MAY EXIST AND CROSS THROUGH THE AREA OF CONSTRUCTION. A MINIMUM OF 72 HOURS PRIOR TO EXCAVATING, MISS UTILITY OF VIRGINIA (811) MUST BE CONTACTED.
- IF ANY EXISTING UTILITY (PUBLIC OR PRIVATE) IS IN CONFLICT WITH THE PROPOSED DESIGN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND COORDINATE THE UTILITY RELOCATION WITH THE UTILITY OWNER.
- THE CONTRACTOR SHALL HAND DIG WHEN CROSSING ANY UNDERGROUND UTILITIES. THE COST FOR HAND DIGGING SHALL BE INCLUDED IN THE PRICE BID FOR OTHER RELATED ITEMS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL EXISTING UTILITIES SHALL REMAIN IN PLACE AND UNDISTURBED UNLESS OTHERWISE NOTED ON THE PLANS. THE CONTRACTOR SHALL CARRY ON HIS WORK AROUND SUCH UTILITIES AT HIS OWN RISK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY EXISTING UTILITIES THAT ARE DAMAGED DURING CONSTRUCTION AT NO EXPENSE TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH POWER COMPANY ANY ADDITIONAL SUPPORT OF EXISTING POWER POLES AS REQUIRED FOR TRENCH EXCAVATION. ALL COSTS OF SUCH WORK SHALL BE PAID BY THE CONTRACTOR AND INCIDENTAL TO LIKE ITEMS.
- BURIED TELEPHONE AND CATV CABLES (FIBER OPTICS AND CONVENTIONAL) ARE KNOWN TO VARY DUE TO INSTALLATION TECHNIQUES. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANY TO DETERMINE SPECIFIC CABLE LOCATIONS AND NOTIFYING THE ENGINEER OF THE EXACT ELEVATION OF THE CABLES. WHERE EXISTING UTILITIES CONFLICT WITH THE PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL COORDINATE ANY NECESSARY RELOCATIONS WITH THE SERVICE PROVIDER.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING HRSD INTERCEPTOR ENGINEER, JOHN MILLAR AT (757) 460-7076. A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO EXCAVATION OF OR IN THE VICINITY OF HRSD LINES. "MISS UTILITY" CALLS DO NOT FULFILL THIS REQUIREMENT.
- ALL WORK TO BE PERFORMED ON WATERMANS SHALL BE PERFORMED BY A CONTRACTOR CERTIFIED TO WORK ON NEWPORT NEWS WATERWORKS WATER LINES. WATER UTILITY WORK IS TO BE PERFORMED PER THE LATEST REVISION OF NEWPORT NEWS WATERWORKS DISTRIBUTION STANDARDS FOR MATERIALS AND CONSTRUCTION.
- ALL VALVES, WATER METERS, MANHOLES, AND CLEANOUTS IMPACTED BY THE PROJECT SHALL BE ADJUSTED TO FINISHED GRADE. COST ASSOCIATED WITH SUCH WORK SHALL BE INCIDENTAL TO LIKE ITEMS UNLESS OTHERWISE SPECIFIED.
- UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR SHALL REPLACE EXISTING FIRE HYDRANTS WITH NEW FIRE HYDRANTS, AND RETURN ALL EXISTING FIRE HYDRANTS, METERS AND CHECK DETECTORS TO BE REMOVED/REPLACED TO NEWPORT NEW WATERWORKS.
- PAVEMENT FAILURE IN THE VICINITY OF THE PROPOSED WORK SHALL BE CORRECTED BY THE CONTRACTOR BY PAVEMENT REPLACEMENT REPAIR FOLLOWED BY MILLING AND OVERLAYING.
- INSTALLATION OF UTILITIES WITHIN CITY RIGHT-OF-WAY SHALL FOLLOW PROCEDURES SET FORTH IN THE CITY OF HAMPTON UTILITY POLICY IN EFFECT AT THE TIME OF PLAN APPROVAL.
- WATER SERVICE AND SEWER LATERALS MUST HAVE A MINIMUM SEPARATION OF TEN FEET (10'). SANITARY SEWER CLEANOUTS MUST BE LOCATED OUTSIDE OF THE DRIVEWAY APRONS AND SIDEWALK. METER BOXES SHALL NOT BE LOCATED IN DRIVEWAY APRONS OR SIDEWALKS.
- THIS SITE MAY BE SUBJECT TO VIRGINIA OVERHEAD HIGH-VOLTAGE LINE SAFETY ACT. CONTRACTORS MUST CALL THE UTILITY TO MAKE SAFETY ARRANGEMENTS (DOMINION'S NUMBER IS 1-888-667-3000) BEFORE WORKING WITHIN THE 10-FOOT SAFETY ZONE. NO WORK CAN BE STARTED UNTIL APPROPRIATE SAFETY MEASURES ARE COMPLETED.

PERMIT COORDINATION NOTES:

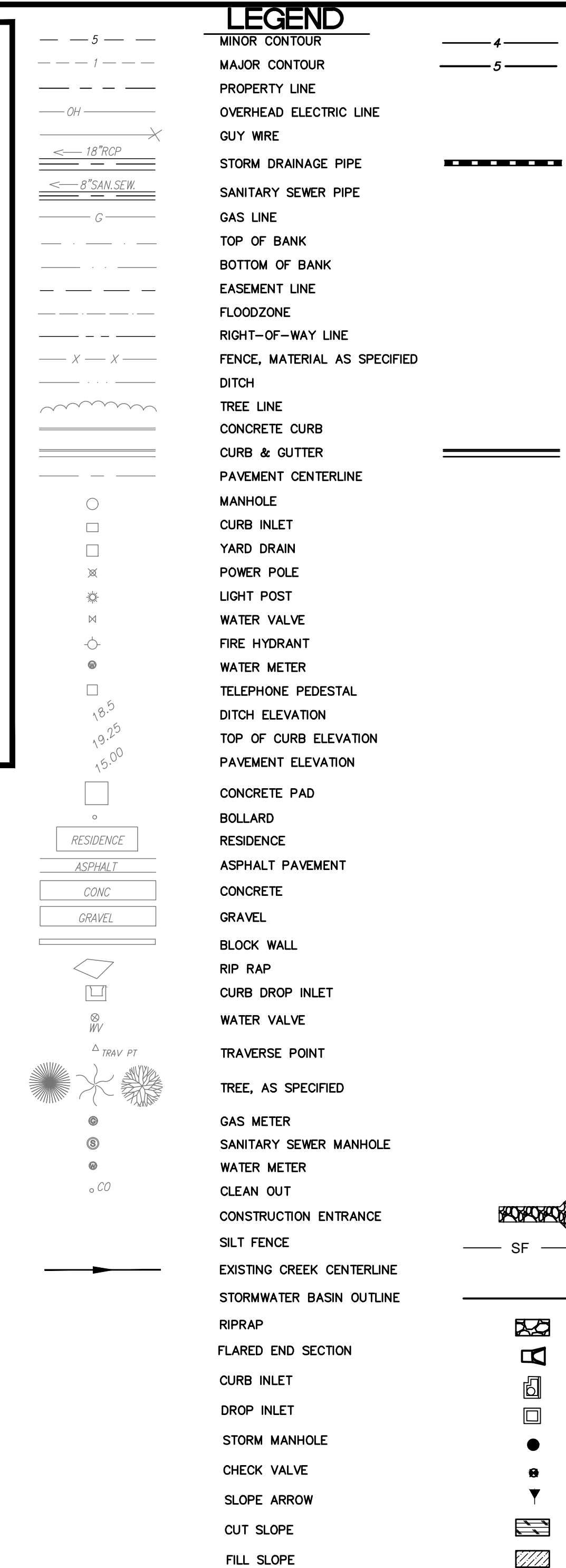
- A ROW PERMIT IS REQUIRED BEFORE ANY WORK CAN BEGIN WITHIN CITY ROW. FOR INFORMATION CONTACT THE CITY OF HAMPTON PERMIT COORDINATOR AT (757) 728-2444.
- A GENERAL VPDES PERMIT FOR DISCHARGES OF STORMWATER FROM CONSTRUCTION ACTIVITIES (GENERAL PERMIT NO. VAR10 – ALSO REFERRED TO AS THE CONSTRUCTION GENERAL PERMIT, VSPM PERMIT OR VPDES PERMIT) IS REQUIRED FOR PROJECTS WITH AREA OF LAND DISTURBANCE GREATER THAN 1 ACRE. WHEN A VPDES CONSTRUCTION GENERAL PERMIT (CGP) IS REQUIRED, THE CONTRACTOR IS REQUIRED TO:
 - CONTACT THE LD PERMIT COORDINATOR WITH THE CITY OF HAMPTON PUBLIC WORKS DEPARTMENT AT (757) 728-2444 TO COORDINATE THE CGP APPLICATION PROCESS AT LEAST ONE WEEK BEFORE THE PRECONSTRUCTION CONFERENCE.
 - PREPARE A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN ACCORDANCE WITH THE REQUIREMENTS OF THE CGP AND SUBMIT THE SWPPP DOCUMENTS TO THE CITY OF HAMPTON PROJECT MANAGER FOR REVIEW AND APPROVAL AT LEAST ONE WEEK BEFORE THE PRECONSTRUCTION CONFERENCE.
 - SUBMIT THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ) "PERMIT REGISTRATION STATEMENT" APPLICATION AND ASSOCIATED PERMIT APPLICATION FEE TO THE LD PERMIT COORDINATOR. THE CGP APPLICATION MUST BE SUBMITTED TO THE DEQ BY THE LD PERMIT COORDINATOR AFTER THE SWPPP DOCUMENTS HAVE BEEN APPROVED BY THE CITY. DEQ REVIEW OF THE CGP APPLICATION MATERIALS MAY TAKE MORE THAN TWO WEEKS.
 - SATISFY ALL THE REQUIREMENTS OF THE CGP, INCLUDING MAINTAINING THE SWPPP DOCUMENTS WITH A COPY OF THE APPROVED PLAN SET ON THE PROJECT SITE AT ALL TIMES FOR THE DURATION OF THE PROJECT.
- IF THE CITY OF HAMPTON HAS ALREADY OBTAINED THE CONSTRUCTION GENERAL PERMIT (CGP) PRIOR TO PROJECT AWARD, THE RESPONSIBLE LAND DISTURBER (RLD) DESIGNATION WILL BE TRANSFERRED TO THE CONTRACTOR UPON AWARD.
- WHEN A CONSTRUCTION GENERAL PERMIT (CGP) IS REQUIRED, THE CITY OF HAMPTON LAND DISTURBANCE PERMIT (LDP) CANNOT BE ISSUED UNTIL THE CGP IS APPROVED BY THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ).
- A CITY OF HAMPTON LAND DISTURBANCE PERMIT (LDP) IS REQUIRED BEFORE ANY LAND DISTURBING ACTIVITY CAN BEGIN FOR PROJECTS WITH AREA OF LAND DISTURBANCE GREATER THAN 2,500 SQUARE FEET IF THE PROJECT IS LOCATED IN THE CHESAPEAKE BAY PRESERVATION DISTRICT (CBPD) OR GREATER THAN 10,000 SQUARE FEET IF THE PROJECT IS OUTSIDE THE CBPD. WHEN A LDP IS REQUIRED, THE CONTRACTOR IS REQUIRED TO:
 - SUBMIT THE LDP APPLICATION DOCUMENTS AND PERMIT FEE TO THE LD PERMIT COORDINATOR WITH THE CITY OF HAMPTON PUBLIC WORKS DEPARTMENT AT LEAST ONE WEEK BEFORE THE PRECONSTRUCTION CONFERENCE. THE LD PERMIT COORDINATOR CAN BE REACHED AT (757) 728-2444. SURETY BONDS REQUIRED BY THE CONTRACT MUST BE SUBMITTED WITH THE LD PERMIT APPLICATION.
 - COORDINATE THE "INITIAL LAND DISTURBANCE INSPECTION" FOR EROSION AND SEDIMENT CONTROL. CONTACT INFORMATION FOR SCHEDULING LAND DISTURBANCE INSPECTIONS WILL BE PROVIDED AT THE PRECONSTRUCTION CONFERENCE.
 - ENSURE THAT EROSION AND SEDIMENT CONTROL MEASURES ARE INSTALLED PRIOR TO THE "INITIAL LAND DISTURBANCE INSPECTION". AFTER TWO FAILED INITIAL LD INSPECTIONS, AN ADDITIONAL FEE WILL BE INCURRED FOR EACH RE-INSPECTION UNTIL THE INSPECTION PASSES. NO OTHER LAND DISTURBING ACTIVITY CAN BEGIN UNTIL THE INITIAL LD INSPECTION PASSES.
 - SATISFY ALL THE REQUIREMENTS OF THE LDP, INCLUDING MAINTAINING A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN ON SITE AT ALL TIMES AND COORDINATING PERIODIC EROSION AND SEDIMENT CONTROL INSPECTIONS FOR THE DURATION OF THE PROJECT AS REQUIRED BY VIRGINIA ADMINISTRATIVE CODE (9VAC25-840-60).
 - COORDINATE THE "FINAL LAND DISTURBANCE INSPECTION" FOR EROSION AND SEDIMENT CONTROL.

SURVEY PROVIDED BY:

A. D. POTTS & ASSOCIATES, Inc.
 11524 Jefferson Avenue
 NEWPORT NEWS, VA. 23601
 TEL 757.595.4610
 FAX 757.591.2723

NOTES:

- VERTICAL DATUM DERIVED FROM BENCHMARK PROVIDED BY CITY OF HAMPTON HAMPTON BM #7-23: "X" CUT IN SOUTHEAST CORNER OF THE CONCRETE SLAB AT PUMP STATION #102, ELEV. 8.10' (NAVD 88) HORIZONTAL DATUM PROVIDED BY THE CITY OF HAMPTON VIRGINIA SOUTH ZONE (NAD 1983 (2011)), (US SURVEY FT) FB 958.
- THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF ANTHONY D. POTTS FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED IN NOVEMBER & DECEMBER, 2016 AND THIS PLAT, MAP, OR DIGITAL GEOSPATIAL DATA, INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.
- THIS PROJECT IS LOCATED IN FIRM ZONES X, (UNSHADED) (AREA OUTSIDE 0.2% ANNUAL CHANCE FLOOD) & X (SHADED) (AREA OF 0.2% ANNUAL CHANCE FLOOD) & AE, (EL. 8') (AREA OF 1% ANNUAL CHANCE FLOOD) AS SHOWN ON COMMUNITY PANEL NO. 515527 0024 H & AS SHOWN ON COMMUNITY PANEL NO. 515527 0025 H DATED MAY 16, 2016 (INDEX DATE MAY 16, 2016).
- THE PROPERTY LINES SHOWN HEREON ARE APPROXIMATE. LINES SHOWN ARE ALIGNED TO FOUND MONUMENTATION. PROPERTY MONUMENTATION FOUND DOES NOT COINCIDE WITH RECORDED PLATS.



DRAINAGE NOTES:

- TEMPORARY DRAINAGE DURING CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR TO RELIEVE AND PREVENT FLOODING IN AREAS THAT MAY CAUSE DAMAGE TO ROADWAYS OR ADJACENT PROPERTIES.
- ALL STORM PIPE, DROP INLET STRUCTURES, DITCHES AND CURB AND GUTTER SHALL BE CLEARED OF DEBRIS AND SILT DURING THE LAST STAGES OF CONSTRUCTION, THE COST OF WHICH SHALL BE INCIDENTAL TO OTHER ITEMS.
- ALL STORM DRAINAGE DIMENSIONS ARE FROM CENTER OF STRUCTURE, UNLESS OTHERWISE INDICATED.
- ALL NEW DRAINAGE STRUCTURES SHALL HAVE INVERT SHAPING IN ACCORDANCE WITH VDOT STD. IS-1. INVERT SHAPING SHALL BE INCLUDED IN THE UNIT PRICE PER DRAINAGE STRUCTURE.
- STORM DRAINAGE PIPE: REINFORCED CONCRETE PIPE (RCP) SHALL CONFORM TO ASTM C-76, CLASS III. DUCTILE IRON PIPE (DIP) SHALL CONFORM TO ANSI/AWWA C151/A21.51, CLASS 52 WITH PUSH-ON OR MECHANICAL JOINTS.
- ALL STORM DRAINAGE PIPES WITHIN THE PROJECT LIMITS AND TO 200 FEET DOWNSTREAM SHALL BE VACUUMED CLEAN AFTER ESTABLISHMENT OF PERMANENT SEEDING. THE COST FOR CLEANING OUT STORM SEWER PIPING SHALL BE INCLUDED IN THE PRICE BID FOR OTHER RELATED ITEMS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ABBREVIATIONS

●	AT	FND	FOUND	PG	PAGE
⊕	AND	FT.	FOOT/FEET	PL	PLATE
⊗	ABUTMENT	G	GROUND (ELEVATION)	PP	POWER POLE
AC.	ACRE	GAL.	GALLONS	PT	POINT OF TANGENCY
ADD'L	ADDITIONAL	PROV.	PROPOSED	PROP.	PROPOSED
ALUM.	ALUMINUM	G.C.	GRADE CHANGE	P.S.	PUMP STATION
AGGR.	AGGREGATE	H	HEIGHT	PSF	PER SQUARE FOOT/FEET
APPROX.	APPROXIMATE	HORIZ.	HORIZONTAL	PSI	PER SQUARE INCH
ASPH.	ASPHALT	HP	HIGH POINT (ELEVATION)	PVC	POLYVINYL CHLORIDE PIPE
⊕	BASELINE	H.R.S.D.	HAMPTON ROADS SANITATION DISTRICT	PW	POINT OF VERTICAL INTERSECTION
BIT.	BITUMINOUS	HYD.	HYDRANT	RCP	REINFORCED CONCRETE PIPE
BLDG.	BUILDING	I.D.	INSIDE DIAMETER	RD.	ROAD
BLK.	BLOCK	INT.	INTERIOR	RR	RAILROAD
BM	BENCH MARK	INV.	INVERT	RT.	RIGHT
BVC	BEGIN VERTICAL CURVE	IP	INLET PROTECTION	R/W	RIGHT-OF-WAY
⊕	CENTERLINE	IRF	IRON PIN FOUND	S	SOUTH
CDI	CURB DROP INLET	L	LENGTH	SW	SOUTHWEST
C.F.	CUBIC FEET/FOOT	LP	LOW POINT (ELEVATION)	SAN.	SANITARY
CS	CURB & GUTTER	L.P.	LIGHT POLE	SEC.	SECTION
C.G.	CHANGE GRADE	L.S.	POUNDS	SAN. SEW.	SANITARY SEWER
C.J.	CONSTRUCTION JOINT	L.F.	LINEAR FEET	SMH	SANITARY SEWER MANHOLE
C.O.	CLEAN OUT	LT.	LEFT	SCO	SANITARY SEWER CLEAN OUT
CONC.	CONCRETE	M.G.	MATCH GRADE	SDMH	STORM DRAIN MANHOLE
CONST.	CONSTRUCTION	MAX.	MAXIMUM	SF	SILT FENCE
CP	CONCRETE PIPE	M.H.	MANHOLE	S.F.	SQUARE FEET
C.Y.	CUBIC YARDS	M.H.W.	MEAN HIGH WATER	SPA	SPACED
D	DITCH (ELEVATION)	M.L.W.	MEAN LOW WATER	SQ.	SQUARE
DB	DEED BOOK	MIN.	MINIMUM	STA.	STATION
DBL	DOUBLE	MOD.	MODIFIED	ST.	STREET
DEC.	DECEDUOUS	M.B.	MAP BOOK	STD.	STANDARD
DI	DROP INLET	N	NORTH	STY.	STORY
D.I.P.	DUCTILE IRON PIPE	NAD	NORTH AMERICAN DATUM	T	TANGENT
DIA.	DIAMETER	NAVD	NORTH AMERICAN DATUM	TC	TOP OF CURB (ELEVATION)
D/W	DRIVEWAY	N	NORTH	TEL.P.	TELEPHONE
E	EAST	NW	NORTHWEST	TP	TREE PROTECTION
EA.	EXPANSION JOINT	NO./#	NUMBER	TYP.	TYPICAL
E.J.	EDGE OF PAVEMENT	N OR F	NOW OR FORMERLY	UG	UNDERGROUND
ELEV./EL.	ELEVATION	N.I.C.	NOT IN CONTRACT	UTL.	UTILITY
EP	EDGE OF PAVEMENT	O.C.	OVERALL	VA	VIRGINIA
E.S.	ELECTRIC	O.D.	OUTSIDE DIAMETER	VERT.	VERTICAL
E.S.	END SECTION	O.H.	OVERHEAD	VPDES	VIRGINIA DEPARTMENT OF TRANSPORTATION
E.V.C.	END VERTICAL CURVE	P	PAVEMENT (ELEVATION)	W	WATER/WEST
EXIST./EX.	EXISTING	P	PAVEMENT (ELEVATION)	WM	WATER MAIN
EXP	EXPOSED	PE	PEDESTAL	W/	WITH
EX	EXPOSED	PC	POINT OF CURVATURE	YD	YARD DRAIN
FM	FORCE MAIN				
FNC	FENCE				

UTILITY CONTACTS

SANITARY SEWER (GRAVITY) CITY OF HAMPTON PUBLIC WORKS 419 ARMISTEAD AVE. HAMPTON, VA 23669 CONTACT: BARRY DOBBINS (757) 726-2944	GAS VIRGINIA NATURAL GAS 544 S. INDEPENDENCE BLVD. VIRGINIA BEACH, VA 23452 CONTACT: KEVIN STARKE (757) 616-7529	VERIZON 5701 CLEVELAND STREET 5TH FLOOR VIRGINIA BEACH, VA 23462 CONTACT: MIKE CAVIUSTON (757) 875-2677
WATER NEWPORT NEWS WATERWORKS 700 TOWN CENTER DRIVE NEWPORT NEWS 23606 CONTACT: DAN PASKO (757) 926-1080	COLONIAL PIPELINE (800) 926-2728	COX COMMUNICATIONS 5200 CLEVELAND STREET 5TH FLOOR VIRGINIA BEACH, VA 23462 CONTACT: JESSE JORDAN (757) 369-6277
HAMPTON ROADS SANITATION DISTRICT (HRSD) 1436 AIR RAIL AVENUE VIRGINIA BEACH, VA 23455 CONTACT: CHRIS EVERTON (757) 318-4327	DOMINION VIRGINIA POWER 1600 HAMILTON AVENUE PORTSMOUTH, VA 23707 CONTACT: JOSE PESQUERA (757) 928-2093	WINDSTREAM ENTERPRISE (FORMERLY CAVALIER TELEPHONE) (800) 347-1991
	CITY OF HAMPTON TRAFFIC ENGINEERING 22 LINCOLN ST. 4TH FLOOR, CITY HALL HAMPTON, VA 23669 CONTACT: BRIAN WILSON (757) 726-2975	CENTURYLINK (FORMERLY LEVEL 3) (804) 298-7182

PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES THE CONTRACTOR SHALL VERIFY THE DEPTH AND LOCATION OF ALL EXISTING UTILITY LINES. IF ANY OF THE EXISTING UTILITIES ARE IN CONFLICT WITH THE PROPOSED DRAINAGE THE CONTRACTOR WILL COORDINATE THE RELOCATION OF THE EXISTING LINES WITH THE APPROPRIATE UTILITY COMPANY.

THE LOCATION OF UTILITIES AND THE MANAGEMENT OF THEIR RELOCATION IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE CONSIDERED INCIDENTAL AND WILL NOT BE MEASURED AND PAID FOR SEPARATELY. THE COST FOR UTILITY LOCATION AND MANAGING THE RELOCATION OF THE UTILITY SHALL BE INCLUDED IN CONSTRUCTION COST. THE CITY WILL PAY THE UTILITY COMPANIES DIRECTLY, AND NOT THE CONTRACTOR, IF THERE ARE ANY FEES ASSOCIATED WITH THE RELOCATION OF THE UTILITY.

CONSTRUCTION SURVEY/STAKEOUT

ALL SURVEY WORK (CONSTRUCTION STAKEOUT) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE SURVEY COST WILL BE PAID BY THE CITY PER THE LINE ITEM ON THE PROJECT BID SHEET.

AS-BUILT REQUIREMENT

CONTRACTOR SHALL PROVIDE AS-BUILT INFORMATION IN AN ELECTRONIC FORMAT ACCEPTABLE TO THE OWNER (CITY OF HAMPTON). THESE AS BUILTS SHOULD INCLUDE THE AS-BUILT STRUCTURES AND DITCHES LOCATED HORIZONTALLY AND VERTICALLY. AS-BUILT STRUCTURE INFORMATION SHALL INCLUDE TYPE OF STRUCTURE, RIM, INVERTS OF EACH PIPE, PIPE SIZES AND MATERIAL. THE AS-BUILT DRAWINGS SHALL ALSO INCLUDE ANY FIELD CHANGES/DEVIATIONS FROM THE DRAWINGS DUE BOTH TO DIFFERING SITE CONDITIONS AND CHANGE ORDERS. COST FOR THE AS-BUILT SURVEY WILL BE PAID BY THE CITY PER THE LINE ITEM ON THE PROJECT BID SHEET.

ANY AND ALL MATERIAL OR DEBRIS TRACKED ONTO A PUBLIC OR PRIVATE ROAD SURFACE WILL BE REMOVED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A SEDIMENT CONTROLLED DISPOSAL AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL FROM THE SITE, AND LEGAL DISPOSAL OF, DEBRIS GENERATED AS A RESULT OF DEMOLITION AND/OR CONSTRUCTION ACTIVITIES. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF IN A LAWFUL MANNER.

ADJACENT PROPERTY OWNER NOTIFICATION:

THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO ALL OWNERS AND RESIDENTS OF THE PROPERTY ADJACENT TO THIS DEVELOPMENT OR ADJACENT TO THE OFF-SITE IMPROVEMENTS, 30 DAYS PRIOR TO THE COMMENCEMENT OF WORK UNLESS OTHERWISE DIRECTED BY THE CITY. CONSTRUCTION WITHIN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY NECESSITATES NOTICE WHETHER ADJACENT TO OR LOCATED ON THE ADJOINING PROPERTY. FAILURE TO PROVIDE THE MINIMUM NOTIFICATION TIME WILL RESULT IN A SUSPENSION OF WORK.

PROJECT REVISIONS

DATE	DESCRIPTION

AECOM
 11832 ROCK LANDING DRIVE
 SUITE 306
 NEWPORT NEWS, VIRGINIA
 (757) 499-4238
 WWW.AECOM.COM

Hampton
 AMERICAN FIRST

COMMONWEALTH OF VIRGINIA
 JAMES F. WHITLEY
 Lic. No. 012646
 08/01/2018
 PROFESSIONAL ENGINEER

AECOM
 11832 ROCK LANDING DRIVE
 SUITE 306
 NEWPORT NEWS, VIRGINIA
 (757) 499-4238
 WWW.AECOM.COM

POCHIN PLACE/INDIAN RIVER CREEK STORMWATER BASIN

LEGEND, GENERAL NOTES, SURVEY NOTES AND ABBREVIATIONS

CITY OF HAMPTON DEPARTMENT OF PUBLIC WORKS
 22 LINCOLN STREET, HAMPTON, VIRGINIA 23669
 TEL: 757-727-6346 FAX: 757-727-6123

SHEET

G1

ISSUE DATE:
August 1, 2018

FILE: 010104033333.dwg PLOT: 010104033333.dwg DATE: 08/01/2018 10:52:12 AM

EROSION AND SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION

THE PROJECT SITE IS LOCATED WITHIN THE INDIAN RIVER CREEK WATERSHED NORTH OF KECOUGHTAN ROAD, EAST OF POCHIN PLACE, AND WEST OF LITTLE FARMS AVENUE. THE PROJECT IS FOR THE DESIGN AND CONSTRUCTION OF AN EXTENDED DETENTION STORM BASIN TO PROVIDE ADDITIONAL FLOOD STORAGE CAPACITY AND WATER QUALITY AND QUANTITY CREDITS FOR THE CITY. AREA OF DISTURBANCE= XXX AC.

EXISTING SITE CONDITIONS

THE EAST AND WEST SIDES OF INDIAN RIVER CREEK HAVE WETLANDS AND RESIDENTIAL HOMES WHICH ARE PRONE TO FREQUENT FLOODING DUE TO LOW TOPOGRAPHY. INDIAN RIVER CREEK IS A TIDAL CREEK, AND STORMWATER IS CONVEYED FROM THE INDIAN RIVER VIA PIPE FLOW UNDER KECOUGHTAN ROAD TO INDIAN RIVER CREEK TO ALLEVATE FLOODING.

ADJACENT PROPERTIES

THE PROPOSED PROJECT AREA IS ADJACENT TO RESIDENTIAL PROPERTIES TO THE EAST AND WEST.

OFF-SITE AREAS

NO OFFSITE AREAS ARE PROPOSED WITH THIS PROJECT. ALL TEMPORARY SOIL STOCKPILES WILL RESIDE WITHIN THE PROJECT LIMITS. EXCESS TOPSOIL AND FILL MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.

SOILS DESCRIPTION

THE SOIL CONSERVATION SERVICE HAS IDENTIFIED THE PRESENCE OF THE SOILS TYPES AS:

SOIL#	SOIL NAME	TYPICAL SLOPES	EROSION FACTOR (K)	EROSION FACTOR (T)
1	ALTAVISTA-URBAN LAND COMPLEX	0-3%	0.20	5
6	BOHICKET MUCK	0-1%	N/A	5
12	JOHNSTON SILT LOAM	0-2%	0.28	3

CRITICAL AREAS

THIS CHANNEL TRAVERSES AN ENVIRONMENTALLY SENSITIVE AREA THAT IS CONSIDERED WATERS OF THE UNITED STATES. THE REGRADING WORK MUST BE PERFORMED IN ACCORDANCE WITH A US ARMY CORPS OF ENGINEERS NATIONWIDE PERMIT.

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 (VESCH). THE MINIMUM STANDARDS OF THE VESCH SHALL BE ADHERED TO UNLESS OTHERWISE WAIVED AND APPROVED BY THE ON-SITE E&S CONTROL INSPECTOR. THESE MEASURES SHALL INCLUDE AND NOT TO BE LIMITED TO:

3.02 CONSTRUCTION ENTRANCE

CONSTRUCTION ENTRANCES WILL BE INSTALLED TO REDUCE THE AMOUNT OF MUD THAT IS TRANSPORTED ONTO PAVED ROADS BY VEHICLES AND/OR RUNOFF.

3.05 SILT FENCE

SILT FENCE WILL BE PLACED IN APPROPRIATE AREAS AS INDICATED ON THE PLANS TO PREVENT SILT LADEN RUNOFF FROM LEAVING THE SITE.

3.07 INLET PROTECTION

INLET PROTECTION SHALL BE USED TO REDUCE THE SEDIMENT ENTERING THE STORM SYSTEM.

3.08 CULVERT INLET PROTECTION

INLET PROTECTION SHALL BE USED TO REDUCE THE SEDIMENT ENTERING THE CULVERT DRAIN PIPES.

3.18 OUTLET PROTECTION

OUTLET PROTECTION SHALL BE USED TO PREVENT SCOUR AT STORMWATER OUTLETS, PROTECT THE OUTLET STRUCTURE AND MINIMIZE THE POTENTIAL FOR DOWNSTREAM EROSION.

3.30 TOPSOILING

TOPSOILING SHALL BE USED TO PROVIDE A SUITABLE GROWTH MEDIUM FOR FINAL SITE STABILIZATION WITH VEGETATION.

3.31 TEMPORARY SEEDING

TEMPORARY SEEDING MEASURES SHALL BE APPLIED IN AREAS TO REDUCE EROSION OF AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE FOR MORE THAN 30 DAYS.

3.32 PERMANENT SEEDING

PERMANENT SEEDING MEASURES SHALL BE APPLIED IN AREAS INDICATED ON PLANS TO REDUCE EROSION OF AREAS THAT HAVE BEEN BROUGHT TO FINAL GRADE.

3.36 BLANKETS AND MATTING

MATTING SHALL BE USED IN AREAS INDICATED ON PLANS TO STABILIZE SLOPES AND REDUCE EROSION OF THOSE AREAS THAT HAVE BEEN BROUGHT TO FINAL GRADE.

3.38 TREE PRESERVATION AND PROTECTION

TREE PROTECTION SHALL BE USED IN AREAS INDICATED ON PLANS TO PREVENT SEDIMENT FROM ACCUMULATING AROUND THE TRUNK AND OVER THE ROOT SYSTEM OF EXISTING TREES.

SEQUENCE OF CONSTRUCTION

- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS.
- CONTRACTOR SHALL INSTALL TEMPORARY STONE CONSTRUCTION ENTRANCE(S).
- CONTRACTOR SHALL INSTALL THE SILT FENCE, TREE PROTECTION AND INLET PROTECTION AS REQUIRED.
- CONTRACTOR SHALL DEMOLISH AND REMOVE ITEMS AND CLEAR AND GRUB WOODED AREAS AS SHOWN ON PLANS.
- CONTRACTOR SHALL COMPLETE EXCAVATION AND GRADING OF TWO STORMWATER BASINS AS SHOWN ON PLANS.
- CONTRACTOR SHALL INSTALL STORM PIPE, STORM STRUCTURES, END SECTIONS AND OUTLET PROTECTION AS SHOWN ON PLANS.
- CONTRACTOR SHALL INSTALL NEW ROADWAY ITEMS SUCH AS CURB AND GUTTER AND DRIVEWAY ENTRANCE WITH GRAVEL AS SHOWN ON PLANS.
- CONTRACTOR SHALL INSTALL MATTING AS SHOWN ON PLANS.
- REPAIR ANY INADVERTENT EROSION AND REMOVE ANY INADVERTENT SEDIMENTATION. DRESS, SEED AND MULCH ALL DISTURBED AREAS AS NECESSARY TO AFFECT PERMANENT VEGETATIVE COVER.
- AFTER WORK IS COMPLETED AND AREA STABILIZED, REMOVE ANY REMAINING TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES WITHIN THIRTY DAYS AFTER FINAL SITE STABILIZATION AND APPROVAL FROM THE CITY INSPECTOR.

EROSION CONTROL LEGEND:

- SAFETY FENCE (STD. & SPEC. 3.01)
- TEMPORARY STONE CONSTRUCTION ENTRANCE (STD. & SPEC. 3.02)
- SILT FENCE (STD. & SPEC. 3.05)
- TOPSOILING (STD. & SPEC. 3.30)
- TEMPORARY SEEDING (STD. & SPEC. 3.31)
- PERMANENT SEEDING (STD. & SPEC. 3.32)
- BLANKETS AND MATTING (STD. & SPEC. 3.36)

FOR CONSTRUCTION DETAILS AND SPECIFICATIONS REFER TO THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK" THIRD EDITION, 1992.

FOR CONSTRUCTION DETAILS AND SPECIFICATIONS REFER TO THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK" THIRD EDITION, 1992.

MANAGEMENT STRATEGIES

- CONSTRUCTION WILL BE SEQUENCED SO THAT GRADING OPERATIONS CAN BEGIN AND END AS QUICKLY AS POSSIBLE.
- PERMANENT SEEDING AND OTHER STABILIZATION WILL FOLLOW IMMEDIATELY AFTER GRADING.
- THE CONTRACTOR SHALL HAVE A CERTIFIED RESPONSIBLE LAND DISTURBER AND SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL PRACTICES.
- AFTER ACHIEVING ADEQUATE STABILIZATION, THE TEMPORARY E&S CONTROLS WILL BE CLEARED UP AND REMOVED.

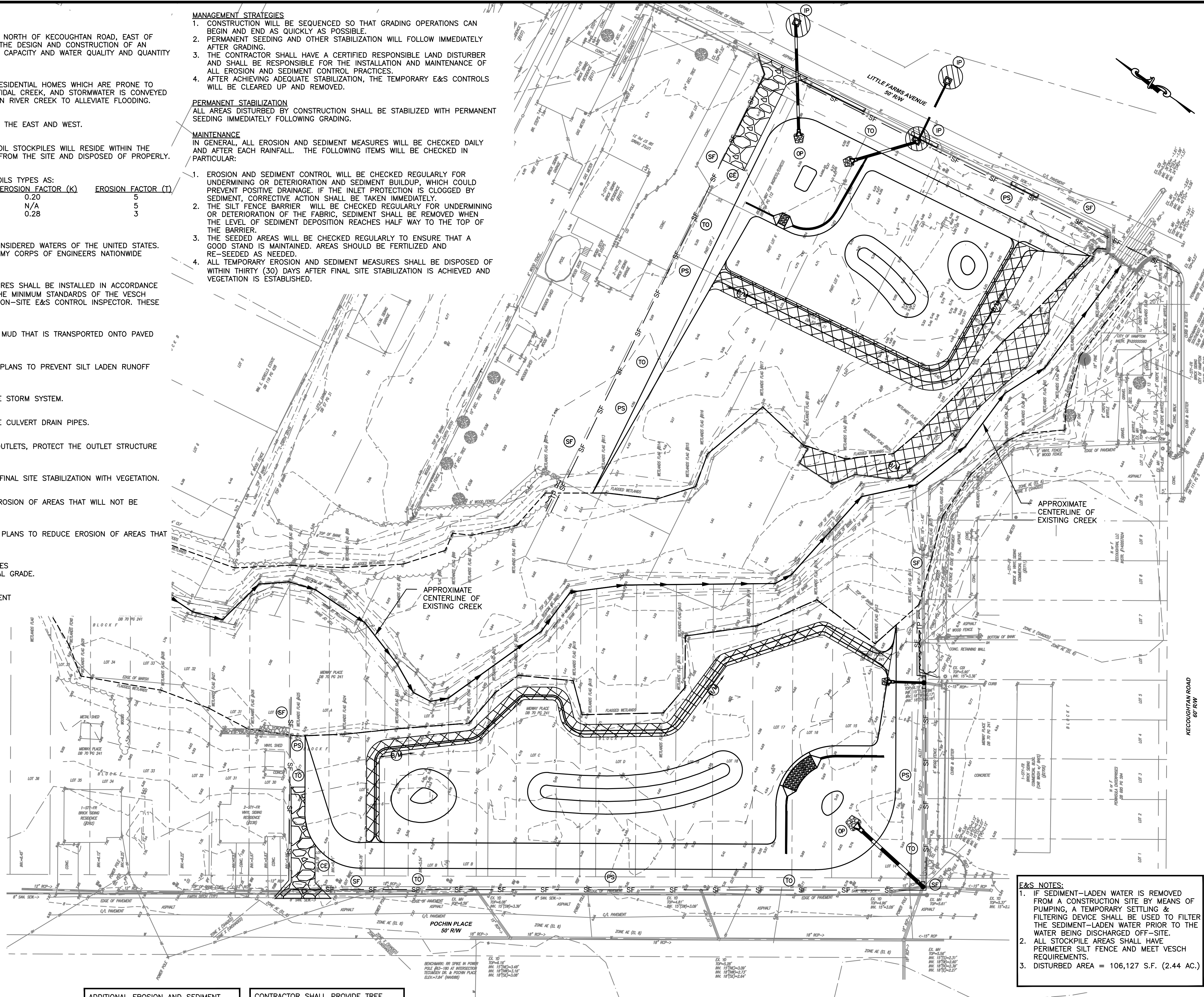
PERMANENT STABILIZATION

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING GRADING.

MAINTENANCE

IN GENERAL, ALL EROSION AND SEDIMENT MEASURES WILL BE CHECKED DAILY AND AFTER EACH RAINFALL. THE FOLLOWING ITEMS WILL BE CHECKED IN PARTICULAR:

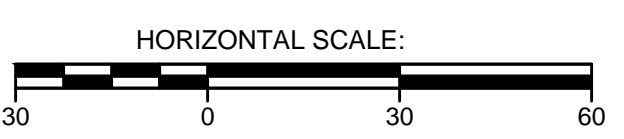
- EROSION AND SEDIMENT CONTROL WILL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION AND SEDIMENT BUILDUP, WHICH COULD PREVENT POSITIVE DRAINAGE. IF THE INLET PROTECTION IS CLOGGED BY SEDIMENT, CORRECTIVE ACTION SHALL BE TAKEN IMMEDIATELY.
- THE SILT FENCE BARRIER WILL BE CHECKED REGULARLY FOR UNDERMINING OR DETERIORATION OF THE FABRIC. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALF WAY TO THE TOP OF THE BARRIER.
- THE SEEDED AREAS WILL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RE-SEEDING AS NEEDED.
- ALL TEMPORARY EROSION AND SEDIMENT MEASURES SHALL BE DISPOSED OF WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED AND VEGETATION IS ESTABLISHED.



ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED DURING CONSTRUCTION AT THE DIRECTION OF THE CITY'S INSPECTOR.

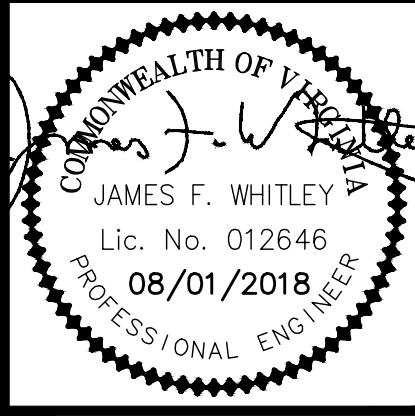
CONTRACTOR SHALL PROVIDE TREE PROTECTION ON ALL TREES 6" OR LARGER THAT ARE WITHIN 10' OF THE LIMITS OF DISTURBANCE AND CLEARING.

E&S NOTES:
 1. IF SEDIMENT-LADEN WATER IS REMOVED FROM A CONSTRUCTION SITE BY MEANS OF PUMPING, A TEMPORARY SETTLING & FILTERING DEVICE SHALL BE USED TO FILTER THE SEDIMENT-LADEN WATER PRIOR TO THE WATER BEING DISCHARGED OFF-SITE.
 2. ALL STOCKPILE AREAS SHALL HAVE PERIMETER SILT FENCES AND MEET VESCH REQUIREMENTS.
 3. DISTURBED AREA = 106,127 S.F. (2.44 AC.)



OFFICE REVIEW SUMMARY:

PROJECT MANAGER:	30%	60%	90%	FINAL
PROJECT Q.A. Q.C.:	30%	60%	90%	FINAL
PROJECT ENGINEER:	30%	60%	90%	FINAL
DRAFTSMAN:	30%	60%	90%	FINAL



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 (757) 499-4234
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**POCHIN PLACE/INDIAN RIVER CREEK
 STORMWATER BASIN
 SITE EROSION AND SEDIMENT
 CONTROL PLAN**
 CITY OF HAMPTON DEPARTMENT OF PUBLIC WORKS
 22 LINCOLN STREET, HAMPTON, VIRGINIA 23669
 TEL: 757-727-6346 FAX: 757-727-6123

PROJECT REVISIONS	DATE

ISSUE DATE:
August 1, 2018

**SHEET
 ESC1**

