

THIS PROJECT DETAILS A PATIO ADDITION TO BE MADE TO THE KINGSMILL RESORT FITNESS CENTER, LOCATED AT 1010 KINGSMILL ROAD WILLIAMSBURG, VA. ALSO PROPOSED ARE RETAINING WALL ADDITIONS AND MINOR GRADING TO ENSURE THE PATIO TIES INTO THE

THE SUBJECT SITE LIES TOTALLY WITHIN THE OVERALL KINGSMILL DEVELOPMENT, AND IS LOCATED AT THE KINGSMILL RESORT FITNESS

UNLESS OTHERWISE INDICATED, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE VIRG 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 BUT NOT BE LIMITED TO: SILT FENCE, INLET PROTECTION, TOPSOILING, TEMPORARY SEEDING, PERMANENT SEEDING, EC-2 STABILIZATION MATTING, AND DUST

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT OR TEMPORARY SEEDING IMMEDIATELY FOLLOWING

IN GENERAL, ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND AFTER EACH SIGNIFICANT RAINFALL. THE

- CONSTRUCTION ENTRANCE SHALL BE MAINTAINED TO PREVENT MUD ONTO SURROUNDING AREAS OF THE KINGSMILL DEVELOPMENT.
- 3. SILT FENCING SHALL BE INSPECTED IMMEDIATELY AFTER ANY RAINFALL EVENT AND REPLACE AS NECESSARY. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT AT APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. ALL SEDIMENT
- INSPECT AND REPAIR INLET PROTECTION AS NEEDED AFTER EACH RAIN EVENT. SEDIMENT SHALL BE REMOVED AND DEPOSITED IN SUITABLE AREA ONCE ACCUMULATED TO HALF THE DEPTH OF THE TRAP. INLET PROTECTION SHALL BE REMOVED AND THE AREA
- TOPSOIL SHALL BE SPREAD AT A COMPACTED DEPTH OF 2 TO 4 INCHES. LOCATION AND PHYSICAL COMPOSITION OF STOCKPILE SHALL MEET SPECIFICATIONS AND SHALL NOT INTERFERE WITH WORK ON SITE. DO NOT APPLY TOPSOIL TO SUBSOIL IF THE TWO SOILS HAVE CONTRASTING TEXTURES. TOPSOILING OF STEEP SLOPES IS DISCOURAGED UNLESS GOOD BONDING OF SOILS CAN BE
- THE REASON FOR THE FAILURE OF PLANTS TO GERMINATE MUST BE DETERMINED PRIOR TO ANY CORRECTIVE ACTION NECESSARY
- ALL SOIL STABILIZATION BLANKETS SHALL BE REGULARLY INSPECTED AND REPAIRED AS NECESSARY PARTICULARLY AFTER RAIN
- 9. DUST CONTROL PRACTICES SHALL APPLY IN AREAS SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST WHERE ON-SITE AND OFF—SITE DAMAGE CAN OCCUR. TEMPORARY MEASURES INCLUDE VEGETATIVE COVER, MULCH, TILLAGE, IRRIGATION, SPRAY—ON ADHESIVES, STONE, BARRIERS, AND CALCIUM CHLORIDE APPLICATION. PERMANENT PRACTICES SHALL INCLUDE PERMANENT

	SEEDING RATE		NORTH (A)			SO	UTH (b)		
SPECIES	ACRE	1000 FT SQ.	3/1 TO 4/30	5/1 TO 8/15	8/15 TO 11/1	2/15 TO 4/30	5/1 TO 9/1	9/2 TO 11/15	CHARACTERISTICS	
OATS (AVENA SATIVA)	3 bu. (up to 100 lbs., not less than 50 lbs.)	2 lbs.	х	8	-	x	-	н	Use spring varieties (e.g., Noble).	
RYE ^d (SECALE CEREALE)	2 bu. (up to 110 lbs., not less than 50 lbs.)	2.5 lbs.	х	-	x	x	-	x	Use for late fall seedings, winter cover. Tolerates cold and low moisture.	
GERMAN MILLET (SETARIA ITALICA)	50 lbs.	approx. 1 lb.	-	x	-	-	x	-	Warm—season annual. Dies at first frost. May be added to summer mixes.	
ANNUAL RYEGRASS [©] (LOLIUM MULTI-FLORUM)	60 lbs.	1-1/2 lbs.	х	-	х	x		Х	May be added in mixes. Will mow out of most stands.	
WEEPING LOVEGRASS (<u>ERAGROTIS</u> <u>CURVULA</u>)	15 lbs.	5-1/2 ozs.	-	х	-	-	x	-	Warm—season perennial. May bunch. Tolerates hot, dry slopes and acid, infertile soils. May be added to mixe:	
KOREAN LESPEDEZA [©] (<u>LESPEDEZA</u> <u>STIPULACEA</u>)	25 lbs.	approx. 1—1/2 lbs.	х	X	-	х	х	-	Warm—season annual legume. Tolerat acid soils. May be added to mixes.	
a NORTHERN PIEDMONT A b SOUTHERN PIEDMONT A	AND MOUNTAIN REGION. SE AND COASTAL PLAIN.	E PLATES 3.2	2-1 AM	ND 3.2	2-2.					

	202402196	
	JAMES CITY COUNTY ENGINEERING AND RESOURCE PROTECTION DIVISION STANDARD STORMWATER NOTES REVISED APRIL 2023	
) IN	THE FOLLOWING STANDARD COUNTY NOTES SHALL BECOME PART OF ANY APPROVED EROSION AND SEDIMENT CONTROL OR STORMWATER MANAGEMENT PLAN OF DEVELOPMENT PROJECT IN JAMES CITY COUNTY, VIRGINIA. THE COUNTY'S DIVISION OF STORMWATER AND RESOURCE PROTECTION (SRP) IS DESIGNATED BY CHAPTER 8 OF THE COUNTY CODE AS THE LOCAL VIRGINIA EROSION AND SEDIMENT CONTROL PROGRAM (VESCP) AUTHORITY AND THE LOCAL VIRGINIA STORMWATER MANAGEMENT PROGRAM (VSMP) AUTHORITY.	
	1. ALL THE PROVISIONS OF VIRGINIA EROSION AND SEDIMENT CONTROL (E&SC) LAW AND REGULATIONS, THE VIRGINIA STORMWATER MANAGEMENT ACT AND REGULATIONS, THE VIRGINIA BEST MANAGEMENT PRACTICE (BMP) CLEARINGHOUSE WEBSITE, STATE E&SC AND STORMWATER MANAGEMENT HANDBOOKS, AND ANY ASSOCIATED TECHNICAL BULLETINS AND GUIDANCE DOCUMENTS AS PUBLISHED BY THE STATE WATER CONTROL BOARD, THE VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY (DEQ), AND THE LOCAL VESCP AND VSMP AUTHORITY SHALL APPLY TO THE PROJECT.	
	2. MINIMUM STANDARDS NUMBERS 1 THROUGH 19 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS 9VAC25-840 SHALL APPLY TO THE PROJECT.	
	3. THE OPERATOR SHALL BE RESPONSIBLE TO REGISTER FOR CONSTRUCTION GENERAL PERMIT (CGP) COVERAGE, AS APPLICABLE, IN ACCORDANCE WITH THE GENERAL VIRGINIA POLLUTANT DISCHARGE ELIMINATION SYSTEM (VPDES) PERMIT FOR DISCHARGE OF STORMWATER FROM CONSTRUCTION ACTIVITIES (VAR10) CHAPTER 880; THE VSMP REGULATIONS CHAPTER 870; AND IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE VSMP, THE STATE WATER CONTROL BOARD, THE VIRGINIA DEQ, CHAPTER 8 OF THE COUNTY CODE, AND THE LOCAL VESCP/VSMP AUTHORITY.	
	4. THE OPERATOR SHALL PROVIDE THE NAME OF AN INDIVIDUAL HOLDING A VALID RESPONSIBLE LAND DISTURBER (RLD) CERTIFICATE ISSUED BY DEQ SIGNIFYING WHO IS RESPONSIBLE FOR CARRYING OUT THE LAND—DISTURBING ACTIVITY IN ACCORDANCE WITH THE APPROVED E&SC PLAN. THE RLD MUST BE DESIGNATED ON THE E&SC PLAN OR PERMIT AS A PREREQUISITE FOR ENGAGING IN LAND DISTURBANCE. THE RLD IS REQUIRED TO ATTEND THE PRE—CONSTRUCTION MEETING FOR THE PROJECT.	
)	5. A PRE-CONSTRUCTION MEETING SHALL BE HELD ON-SITE AND INCLUDE REPRESENTATIVES FROM THE LOCAL VESCP/VSMP AUTHORITY, THE OPERATOR, THE RLD, THE CONTRACTOR, ENGINEER, AND OTHER RESPONSIBLE AGENCIES, AS APPLICABLE, PRIOR TO AUTHORIZATION AND ISSUANCE OF A LOCAL LAND DISTURBING OR STORMWATER CONSTRUCTION PERMIT. THE OPERATOR IS REQUIRED TO COORDINATE SCHEDULING OF THE PRE-CONSTRUCTION MEETING WITH THE JAMES CITY COUNTY (JCC) SRP DIVISION.	
D	6. A POLLUTION PREVENTION PLAN (P2 PLAN), IF REQUIRED, SHALL BE DEVELOPED, IMPLEMENTED, AND UPDATED AS NECESSARY AND MUST DETAIL THE DESIGN, INSTALLATION, IMPLEMENTATION, AND MAINTENANCE OF EFFECTIVE POLLUTION PREVENTION MEASURES TO MINIMIZE THE DISCHARGE OF POLLUTANTS AS SPECIFIED IN 9VAC25-870-56. THIS PLAN SHALL BE AVAILABLE ON-SITE FOR REVIEW AT REASONABLE TIMES BY THE LOCAL VESCP/VSMP AUTHORITY WHEN REQUESTED.	
U	7. OFF—SITE AREAS SHALL BE APPROVED BY THE LOCAL VESCP/VSMP AUTHORITY PRIOR TO LAND DISTURBING ACTIVITY AT THE SEPARATE LOCATION. OFF—SITE AREAS SHALL BE INCLUDED AS PART OF THE PROPOSED LAND DISTURBING ACTIVITY OR COVERED BY A SEPARATE APPROVED E&SC PLAN.	F
	8. TEMPORARY SOIL STOCKPILES SHALL COMPLY WITH THE PROVISIONS OF SECTION 24-46 OF THE COUNTY CODE.	ER AINE
	9. LOCAL VESCP/VSMP AUTHORITY WRITTEN APPROVAL SHALL BE REQUIRED PRIOR TO DEVIATIONS FROM THE APPROVED EROSION AND SEDIMENT MEASURES, SEQUENCE OF CONSTRUCTION, OR STORMWATER MANAGEMENT PLAN. SIGNIFICANT DEVIATIONS FROM THE APPROVED PLAN MAY REQUIRE THE SUBMITTAL OF AN AMENDED PLAN FOR REVIEW AND APPROVAL.	. 047297
то	10. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 14 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR. IRRIGATION, IF NECESSARY, SHALL COMPLY WITH ALL APPLICABLE SEASONAL WATER USE RESTRICTIONS OF THE JAMES CITY SERVICE AUTHORITY.	DALE NO
A	11. FOR THE PURPOSES OF BOND REDUCTIONS OR RELEASES, FINAL STABILIZATION WILL BE DEFINED AS THE COMPLETION OF ALL SOIL DISTURBING ACTIVITIES AT THE SITE AND THE ESTABLISHMENT OF A PERMANENT VEGETATIVE COVER ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT IS UNIFORM (e.g. EVENLY DISTRIBUTED), MATURE ENOUGH TO SURVIVE, AND WILL INHIBIT EROSION.	ъ З
	12.DESIGN AND CONSTRUCTION OF PRIVATE STORM DRAINAGE SYSTEMS, OUTSIDE OF ANY VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) RIGHT—OF—WAY, SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT VERSION OF THE COUNTY'S STORMWATER DRAINAGE CONVEYANCE SYSTEMS (NON—BMP RELATED) GENERAL DESIGN AND CONSTRUCTION GUIDELINES.	
to Cur.	13.RECORD DRAWINGS (AS-BUILTS) AND CONSTRUCTION CERTIFICATIONS ARE REQUIRED FOR ALL APPLICABLE STORMWATER FACILITIES, INCLUDING STORMWATER MANAGEMENT/BMP FACILITIES AND STORM DRAINAGE CONVEYANCE SYSTEMS. RECORD DRAWINGS AND CONSTRUCTION CERTIFICATIONS MUST MEET ESTABLISHED PROGRAM REQUIREMENTS OF THE COUNTY CODE AND THE VESCP/VSMP AUTHORITY.	
	14. ALL STORMWATER FACILITIES INCLUDING BMPS, STORM DRAINAGE PIPES, STORMWATER CONVEYANCES, INLETS, MANHOLES, OUTFALLS, AND ROADSIDE AND OTHER OPEN CHANNELS SHALL BE INSPECTED BY THE LOCAL VESCP/VSMP AUTHORITY, THE OWNER, AND THE APPLICANT/OPERATOR/PERMITTEE DESIGNATED GEOTECHNICAL ENGINEER FOR THE PROJECT IN ACCORDANCE WITH THE ESTABLISHED COUNTY STORMWATER FACILITY INSPECTION PROGRAM REQUIREMENTS.	ad, Suite 1 23188
	15. THE FINAL PROJECT CERTIFICATION PROCESS SHALL INCLUDE AN INTERNAL CLOSED—CIRCUIT TELEVISION CAMERA (CCTV) POST INSTALLATION INSPECTION PERFORMED BY THE OWNER IN ACCORDANCE WITH THE JCC CCTV ADMINISTRATIVE GUIDELINES DEVELOPED BY THE VSMP AUTHORITY.	e Towne Ros urg, Virginia 57) 253-0040) 220-8994 <i>v</i> a.com

Large/Small Plat(s) Recorded herewith as # aud 4Ua

City of Williamsburg & County of James City Circuit Cour

at 10.44 AMPN ~202402796 Document # _ ELIZABETH E. O'CONNOR, CLERK Ugabith E. O'Connor . Clerk

CONSULTING ENG	Hampton Roads
ATIO	VIRGINIA
OF DEVELOPMENT FOR S CENTER P/ ADDITION	JAMES CITY COUNTY
	ROBERTS DISTRICT
Project Contacts: GVC	
Project Number: 7753-5	2
Scale: Date:	
1" = 10' 08/11/202	23
Sheet Title: NOTES & DETAIL	S
Sheet Number	

C4.0

5248 Willia Phon Fax: