



**GENERAL NOTES:**

- A PRECONSTRUCTION CONFERENCE WHICH SHALL INCLUDE A REPRESENTATIVE FROM THE OWNER, ENGINEER AND CONTRACTOR SHALL BE SCHEDULED AT LEAST 14 DAYS PRIOR TO ANY CONSTRUCTION.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE SAFETY AND FOR COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL HEALTH AND SAFETY CODES, LAWS, REGULATIONS, AND ORDINANCES INCLUDING, BUT NOT LIMITED TO, THE OCCUPATIONAL HEALTH AND SAFETY ASSOCIATION (OSHA).
- ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES, AND REGULATIONS. ALL PROPOSED UTILITIES AND APPURTENANCES SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE LOCAL MUNICIPALITIES' CODES AND REGULATIONS GOVERNING THE INSTALLATION OF SUCH UTILITIES.
- PRIOR TO CONSTRUCTION IN THE RIGHT-OF-WAY, ALL APPLICABLE PERMITS FROM THE GOVERNING JURISDICTIONS AND/OR AGENCIES SHALL BE OBTAINED AND A COPY KEPT ON THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, ETC. AND SHALL COMPLY WITH ALL REQUIRED PERMITS.
- RIGHT-OF-WAY AND PROPERTY LINES SHOWN ON THE DRAWINGS SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL CONFIRM THE LOCATIONS OF THE PROPERTY MARKERS, PROPERTY LINES, AND RIGHT-OF-WAY PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL FIELD LAYOUTS. THE CONTRACTOR SHALL TAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE MARKED-UP AS-BUILT PLANS FOR ALL UTILITIES SHOWING TIES TO CONNECTIONS, BENDS, VALVES, LENGTHS OF LINES, AND INVERTS.
- AS-BUILT PLANS SHOWING ALL UNDERGROUND UTILITIES INSTALLED OR ENCOUNTERED SHALL BE REVIEWED BY THE OWNER AND REPRESENTATIVES. THE CONTRACTOR SHALL PROVIDE ANY CORRECTION OR ADMISSIONS TO THE SATISFACTION OF THE OWNER AND REPRESENTATIVES BEFORE UTILITIES WILL BE ACCEPTED.
- THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED APPROVAL OF THE OWNER AND THE ENGINEER.
- THE ENGINEER RESERVES THE RIGHT TO EXAMINE ANY WORK DONE ON THIS PROJECT AT ANY TIME TO DETERMINE THE CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, AS INTENDED AND INTERPRETED BY THE ENGINEER.
- THE TOPOGRAPHIC AND ELEVATION DATA SHOWN HEREON WAS SURVEYED BY NXL ENGINEERS, SURVEYORS & CONSTRUCTION MANAGERS IN 2019 AND HAS NOT BEEN INDEPENDENTLY VERIFIED BY CHA. THE TOPOGRAPHIC AND ELEVATION DATA SHOWN HEREON IS ASSUMED BY CHA TO COMPLY WITH THE PROFESSIONAL STANDARDS REQUIRED FOR LICENSED LAND SURVEYORS REGISTERED AND PRACTICING IN VIRGINIA. THE TOPOGRAPHIC AND ELEVATION DATA ARE NOT CERTIFIED AS CORRECT AND/OR ACCURATE BY THIS ENGINEER. TO THE EXTENT THAT THE TOPOGRAPHIC AND ELEVATION DATA ENCOMPASS AN AREA OUTSIDE OF THE LIMITS RELEVANT TO CHA'S WORK PRODUCT, CHA MAKES NO STATEMENT OF RELIANCE ON SUCH INFORMATION AND USERS RELY ON SAID DATA AT THEIR OWN RISK.
- HORIZONTAL CONTROL IS REFERENCED TO VIRGINIA STATE PLANES, SOUTH ZONE, US FOOT, BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83). VERTICAL CONTROL IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAD 88).
- EXACT LOCATION OF SUBSURFACE STRUCTURES AND UTILITIES MAY VARY FROM WHAT IS SHOWN ON THE DRAWINGS OR MAY NOT BE SHOWN. THE CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES AND STRUCTURES PRIOR TO EXECUTING ANY WORK OR EXCAVATION. THE CONTRACTOR SHALL OBTAIN A MISS UTILITY TICKET AT 1-800-552-7001 (811) A MINIMUM OF 48 HOURS IN ADVANCE OF PLANNED WORK.
- CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE VDOT VIRGINIA WORK AREA PROTECTION MANUAL AND THE VIRGINIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITIONS.
- PROVIDE AND INSTALL ALL MATERIALS AND PERFORM ALL WORK IN ACCORDANCE WITH RECOGNIZED STANDARD PRACTICES.
- CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO EXISTING PAVEMENT, TREES, VEGETATION, STRUCTURES, AND UTILITIES NOT INDICATED TO BE DEMOLISHED OR REMOVED. ANY DAMAGE TO EXISTING ITEMS NOT INDICATED TO BE DEMOLISHED OR REMOVED, WHETHER WITHIN OR OUTSIDE THE LIMITS OF DISTURBANCE, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION ACCESS ROUTES WITH PROPERTY OWNERS PRIOR TO CONSTRUCTION ACTIVITIES.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO IMMEDIATELY REMOVE, TRANSPORT OFFSITE AND LEGALLY DISPOSE OF ANY AND ALL EXCAVATED AND DELETERIOUS MATERIALS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND OBTAINING STAGING AREAS.
- CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS AND MAILBOXES THROUGHOUT CONSTRUCTION.

LEGEND		
DESCRIPTION	EXISTING	PROPOSED
5' OR 10' CONTOUR LINE		
1' OR 2' CONTOUR LINE		
RIGHT-OF-WAY		
SILT FENCE		
STORM SEWER		
LIMITS OF DISTURBANCE		
WATERLINE		
GATE VALVE		
CHECK VALVE		
FORCE MAIN		
DITCH		
EDGE OF RIVER		
PROPERTY LINES		
PROPERTY CORNER		
IRON PIN/MONUMENT		
UTILITY POLE		
OVERHEAD ELECTRIC		
UNDERGROUND FIBER		
FENCE		
GRAVEL ROAD		
ASPHALT PAVEMENT REPAIR		
ASPHALT PAVEMENT		
CONCRETE		
RIPRAP		
DETAIL CALLOUT		
	X DETAIL IDENTIFICATION NO. X-X SHEET NO. WHERE DETAIL IS SHOWN	
DETAIL IDENTIFICATION NO.		VIEW TITLE NOT TO SCALE
	0 SCALE 2X Scale in feet	
NOTE: SOME FEATURES IN THE LEGEND MAY NOT HAVE BEEN USED		

SHEET LIST TABLE	
SHEET NUMBER	SHEET TITLE
G-001	COVERSHEET
G-002	SHEET LIST, GENERAL NOTES, LEGEND, ABBREVIATIONS
C-001	EXISTING CONDITIONS
C-002	DRAINAGE CHANNEL PLAN AND PROFILE
C-003	FIRE HYDRANT PLAN
C-004	EROSION AND SEDIMENT CONTROL NARRATIVE
C-005	DETAILS
C-006	DETAILS

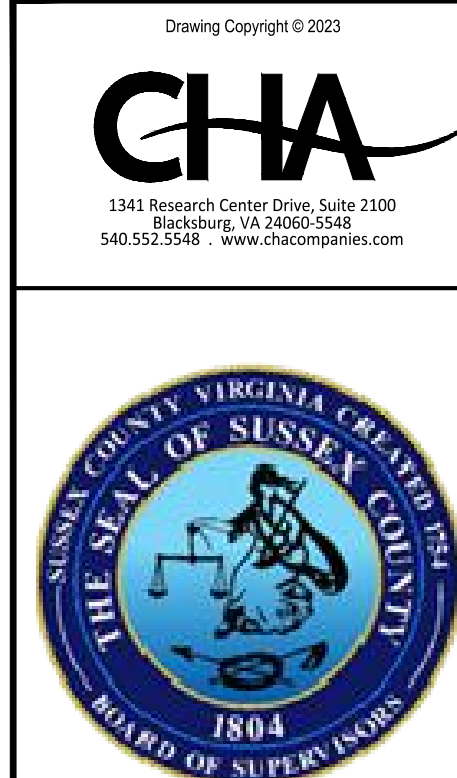
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**POCAHONTAS COMMUNITY IMPROVEMENT PROJECT**

No.	Submittal / Revision	App'd	By	Date

BID SET RMW CTB 08/04/23

**SHEET LIST, GENERAL NOTES, LEGEND, ABBREVIATIONS**

Designed By: RMW	Drawn By: ACW	Checked By: SMS
Issue Date: 05/12/23	Project No: 68326	Scale:

Drawing No.:

**G-002**

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TABLE OF ABBREVIATIONS (NOT ALL ABBREVIATIONS MAY HAVE BEEN USED)											
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	CFM	CUBIC FEET PER MINUTE	FT	FOOT OR FEET	MISC	MISCELLANEOUS	R	RADIUS	SUE	SUBSURFACE UTILITY ENGINEERING
ABS	PLASTIC PIPE	CI	CURB INLET	GAL	GALLON	MON	MONUMENT	RAD	RADIAL	SY	SQUARE YARD
AC	ACRE	CIP	CAST IRON PIPE	GPM	GALLONS PER MINUTE	N	NORTH	RCCP	REINFORCED CONCRETE CULVERT PIPE	TAN	TANGENT
ACCM	ASPHALT COATED CORRUGATED METAL	CL	CLASS OR CENTERLINE	GRD	GROUND OR GRADE	NAVAIDS	NAVIGATIONAL AIDS	RCP	REINFORCED CONCRETE PIPE	TC	TOP OF CURB
AFF	ABOVE FINISHED FLOOR	CMF	CORRUGATED METAL PIPE	GV	GATE VALVE	NIC	NOT IN CONTRACT	RD	ROOF DRAIN	TCE	TEMPORARY CONSTRUCTION EASEMENT
ALT	ALTERNATE	CO	CLEANOUT	HB	HORIZONTAL BEND	NOTAM	NOTICE TO AIRMEN	REINF	REINFORCING	TEL	TELEPHONE
ASZ	AIRPORT SAFETY ZONE	CONC	CONCRETE	HDPE	HIGH DENSITY POLYETHYLENE PIPE	O/S	OFFSET	REQD	REQUIRED	TEMP	TEMPORARY
APPROX	APPROXIMATE	CR	COUNTRY ROAD	HORIZ	HORIZONTAL	OFA	OBJECT FREE AREA	ROW	RIGHT-OF-WAY	TF	TOP OF FRAME
ASPH	ASPHALT	CSP	CORRUGATED STEEL PIPE	HP	HIGH POINT OR HORSE POWER	OFZ	OBSTACLE FREE ZONE	ROW W/A	RIGHT-OF-WAY WITH ACCESS	TRANS	TRANSFORMER OR TRANSVERSE
ATCT	AIR TRAFFIC CONTROL TOWER	CTR	CENTER	HPS	HIGH PRESSURE SODIUM	OAR	OWNER'S AUTHORIZED REPRESENTATIVE	ROW WO/A	RIGHT-OF-WAY WITHOUT ACCESS	TSA	TAXIWAY SAFETY AREA
AWG	AMERICAN WIRE GAUGE	CULV	CULVERT	HR	HAND RAIL OR HOUR	PL	PROPERTY LINE	RPM	REVOLUTIONS PER MINUTE	TV	TELEVISION
BL	BASELINE	CV	CHECK VALVE	HT	HEIGHT	PC	POINT OF CURVATURE	RR	RAILROAD	TWY, T/W	TAXIWAY
BB	BOTTOM OF BANK OR BERM	CY	CUBIC YARD	HW	HEADWALL	PERF	PERFORATED	RSA	RUNWAY SAFETY AREA	TYP	TYPICAL
BC	BOTTOM OF CURB	D	DRAIN	HYD	HYDRANT	PERP	PERPENDICULAR	RT	RIGHT	UD, U/D	UNDERDRAIN
BFE	BASEMENT FLOOR ELEVATION	DI	DROP INLET	IN	INCH(ES)	PP	POWER POLE, POWER PANEL	RW	RETAINING WALL	U(ND)G	UNDERGROUND
BLDG	BUILDING	DIA	DIAMETER	IP(F)	IRON PIPE (FOUND)	PPM	PARTS PER MILLION	RWY, R/W	RUNWAY	UTIL	UTILITY
BM	BENCHMARK	DIP	DUCTILE IRON PIPE	JB	JUNCTION BOX	PRC	POINT OF REVERSE CURVATURE	S	SOUTH	VC	VERTICAL CURVE
BOT	BOTTOM	DWG	DRAWING	LAT	LATITUDE	PSE	PERMANENT SEWER EASEMENT	SCH	SCHEDULE	VCP	VITRIFIED CLAY PIPE
BRL	BUILDING RESTRICTION LINE	E	EAST	LB	POUND	PSF	POUNDS PER SQUARE FOOT	SF	SQUARE FOOT OR SQUARE FEET	VERT	VERTICAL
BSMT	BASEMENT	EA	EACH	LF	LINEAR FOOT OR LINEAR FEET	PSI	POUNDS PER SQUARE INCH	SH	STATE HIGHWAY	VOL	VOLUME
BVC	BEGINNING OF VERTICAL CURVE	EJ	EXPANSION JOINT	LONG	LONGITUDE	PT	POINT OR POINT OF TANGENCY	SHT	SHEET	W	WEST
BW	BOTTOM OF WALL	ELEC	ELECTRIC	LP	LAMP POST, LIGHT POLE, LIGHT PANEL OR LOW POINT	PUE	PERMANENT UTILITY EASEMENT	SMH	SANITARY MANHOLE	W/	WITH
C	CHORD	ELEV	ELEVATION	LT	LEFT	PVC	POINT OF VERTICAL CURVATURE OR POLYVINYL CHLORIDE	SPECS	SPECIFICATIONS	WF	WOOD FRAME
CAP	CORRUGATED ALUMINUM PIPE	EOP	EDGE OF PAVEMENT	MFR	MANUFACTURER	PVI	POINT OF VERTICAL INTERSECTION	SS	SANITARY SEWER	W/O	WITHOUT
CB	CATCH BASIN	FD	FLOOR DRAIN	MH	MANHOLE	PVT	POINT OF VERTICAL TANGENCY	STA	STATION OR STATIONARY	WW	WING WALL
CF	CUBIC FOOT OR CUBIC FEET	FDN	FOUNDATION	MIN	MINIMUM	PWR	POWER	STMH	STORM MANHOLE	WWF	WELDED WIRE FABRIC OR WOVEN WIRE FABRIC





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POCAHONTAS COMMUNITY IMPROVEMENT PROJECT

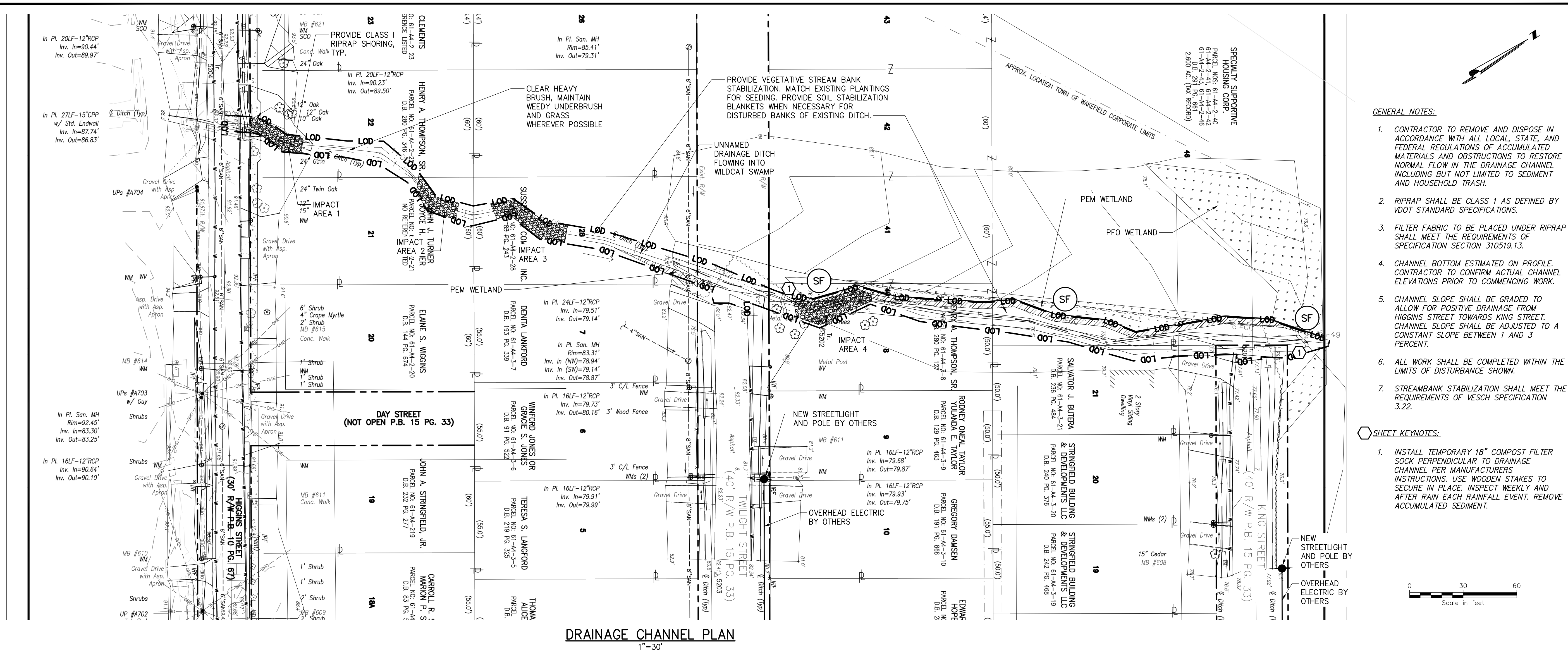
No.	Submittal / Revision	App'd	By	Date

BID SET RMW CTB 08/04/23

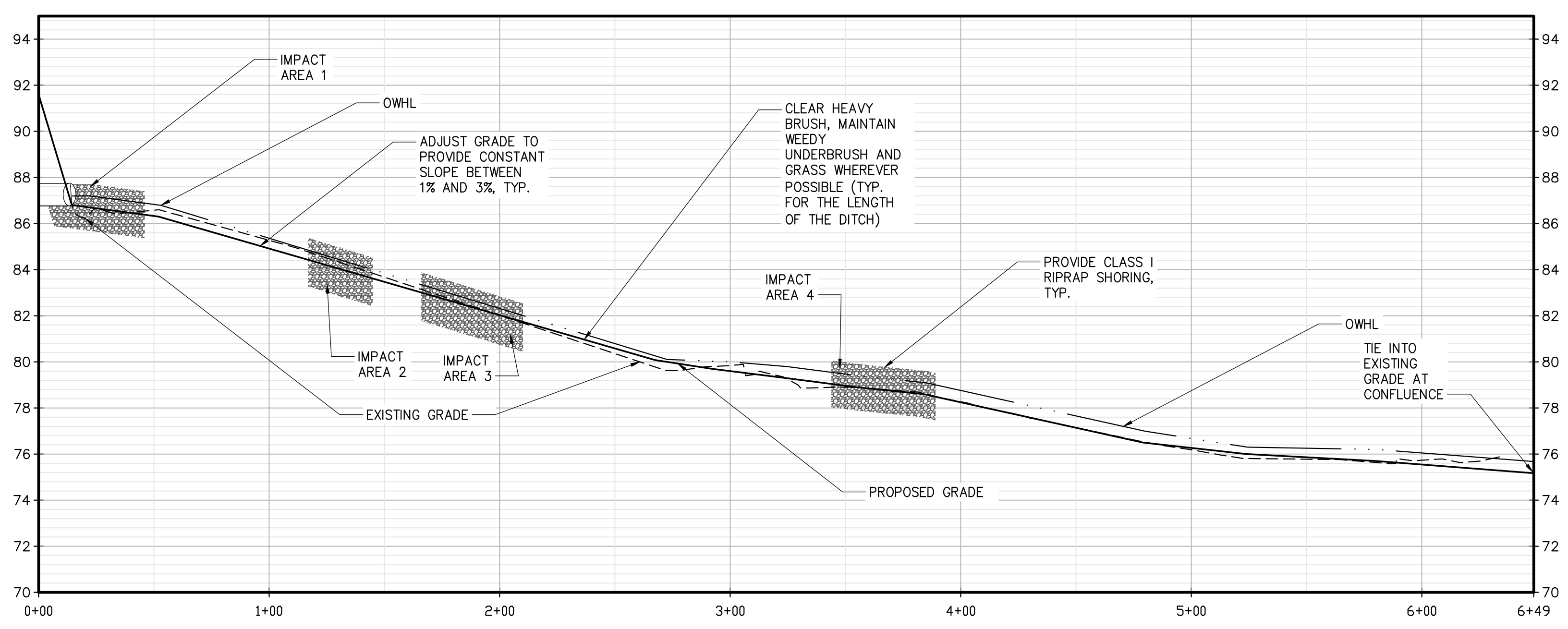
DRAINAGE CHANNEL PLAN AND PROFILE

Designed By: RMW	Drawn By: ACW	Checked By: SMS
Issue Date: 05/12/23	Project No: 68326	Scale: AS SHOWN

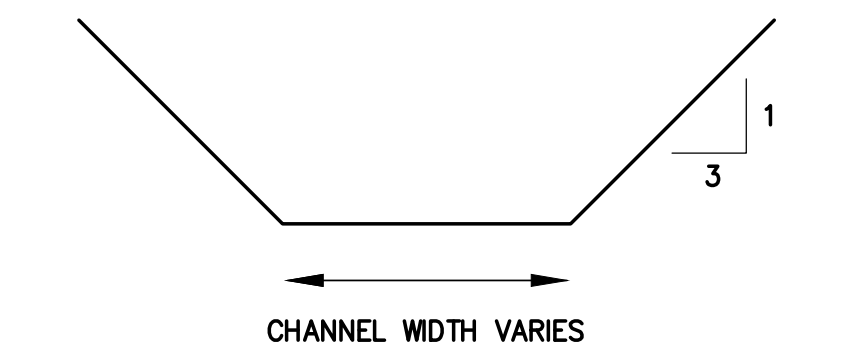
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**C-002**



**DRAINAGE CHANNEL PLAN**  
 1"=30'



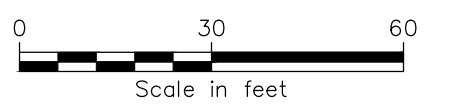
**DRAINAGE CHANNEL PLAN**  
 1"=40' HORIZONTAL  
 1"=8' VERTICAL



**TYPICAL CHANNEL CROSS SECTION**  
 N.T.S.  
 NOTE:  
 1. CHANNEL SHALL BE TRAPEZOIDAL WITH MAXIMUM SIDE SLOPES OF 3:1.

- GENERAL NOTES:**
- CONTRACTOR TO REMOVE AND DISPOSE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS OF ACCUMULATED MATERIALS AND OBSTRUCTIONS TO RESTORE NORMAL FLOW IN THE DRAINAGE CHANNEL INCLUDING BUT NOT LIMITED TO SEDIMENT AND HOUSEHOLD TRASH.
  - RIPRAP SHALL BE CLASS 1 AS DEFINED BY VDOT STANDARD SPECIFICATIONS.
  - FILTER FABRIC TO BE PLACED UNDER RIPRAP SHALL MEET THE REQUIREMENTS OF SPECIFICATION SECTION 310519.13.
  - CHANNEL BOTTOM ESTIMATED ON PROFILE. CONTRACTOR TO CONFIRM ACTUAL CHANNEL ELEVATIONS PRIOR TO COMMENCING WORK.
  - CHANNEL SLOPE SHALL BE GRADED TO ALLOW FOR POSITIVE DRAINAGE FROM HIGGINS STREET TOWARDS KING STREET. CHANNEL SLOPE SHALL BE ADJUSTED TO A CONSTANT SLOPE BETWEEN 1 AND 3 PERCENT.
  - ALL WORK SHALL BE COMPLETED WITHIN THE LIMITS OF DISTURBANCE SHOWN.
  - STREAMBANK STABILIZATION SHALL MEET THE REQUIREMENTS OF VESCH SPECIFICATION 3.22.

- SHEET KEYNOTES:**
- INSTALL TEMPORARY 18" COMPOST FILTER SOCK PERPENDICULAR TO DRAINAGE CHANNEL PER MANUFACTURERS INSTRUCTIONS. USE WOODEN STAKES TO SECURE IN PLACE. INSPECT WEEKLY AND AFTER RAIN EACH RAINFALL EVENT. REMOVE ACCUMULATED SEDIMENT.



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