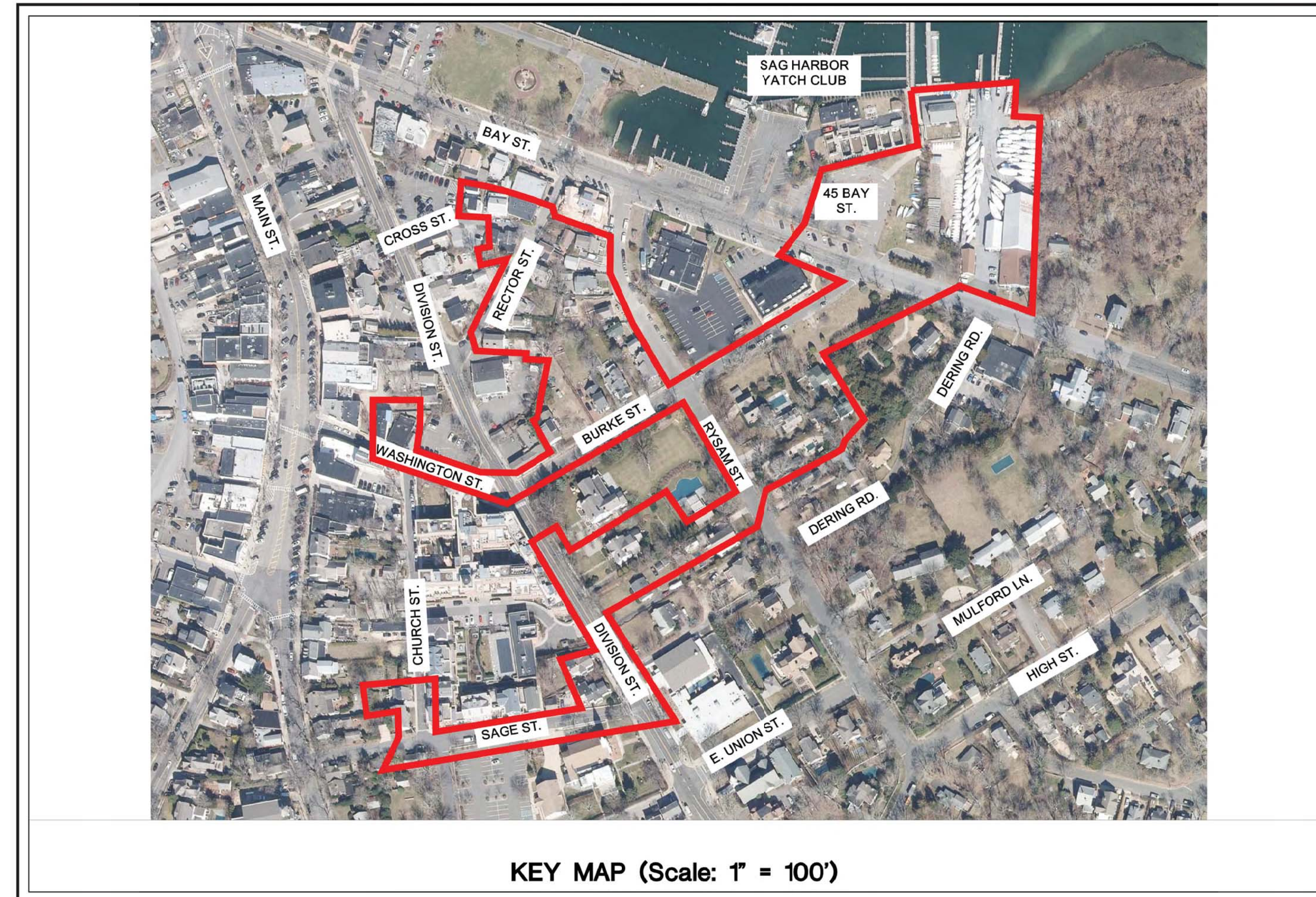


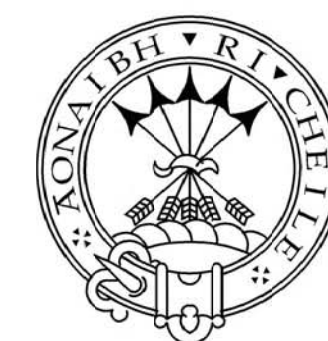
SEWER SERVICE EXPANSION AREA SEWERSHED "L"

VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963



FOR REVIEW ONLY
NOT FOR CONSTRUCTION

PREPARED BY:



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FEBRUARY 2022

SEPARATELY BOUND SPECIFICATIONS
ARE PART OF THIS CONTRACT

SANITARY SEWER NOTES

- NO CONSTRUCTION SHALL COMMENCE UNTIL THE FOLLOWING CONDITIONS ARE MET:
 - THE CONTRACTOR SHALL ATTEND A PRECONSTRUCTION MEETING WITH DEPARTMENT OF PUBLIC WORKS REPRESENTATIVES.
- THE CONTRACTOR HAS FILED ALL NECESSARY APPLICATIONS WITH NYSDEC, THE SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES, SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS, AND THE LOCAL TOWN AND VILLAGE OF SAG HARBOR HAS OBTAINED ALL NECESSARY APPROVALS, WHERE APPLICABLE.
- ALL SEWER CONSTRUCTION INCLUDED IN THIS PROJECT SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE SCDPW'S GUIDELINES INCLUSIVE OF ALL REVISIONS AND ADDENDA THERETO, UNLESS OTHERWISE APPROVED BY SCDPW. ALL MATERIALS SHALL BE AMERICAN MADE. IN ALL CASES WHERE CONFLICTS EXIST BETWEEN THE CONTRACT DOCUMENTS AND THE LATEST REVISIONS OF THE SPECIFICATION FOR SEWER CONSTRUCTION, THE INTERPRETATION AND RULINGS OF THE SCDPW SHALL BE BINDING.
- PRIOR TO THE INCORPORATION OF ANY MATERIAL OR EQUIPMENT INTO THE WORK, FIVE (5) COPIES OF SHOP DRAWINGS, CATALOG CUTS, CHARACTERISTIC CURVES, TEST RESULTS PERFORMANCE DATA, ETC. SHALL BE SUBMITTED. NO MATERIAL OR EQUIPMENT SHALL BE INCORPORATED INTO THE WORK UNTIL ALL REQUIRED SUBMITTALS ARE REVIEWED AND APPROVED, IN WRITING.
- ALL SANITARY SEWER LINES SHALL BE LAID A MINIMUM DISTANCE OF 10.0' HORIZONTALLY AND 1.5' VERTICALLY BELOW ANY EXISTING OR PROPOSED WATER MAIN.
- THE CONTRACTOR SHALL FURNISH AND INSTALL AN UNDERGROUND MARKING TAPE ALONG ALL SEWER LINES, FORCE MAINS AND HOUSE CONNECTIONS IN ACCORDANCE WITH SCDPW SPECIFICATIONS FOR SAME.
- THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES (INCLUDING EXISTING SEWERS) BY FIELD INVESTIGATION. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE ADEQUACY OF ALL EXISTING SEWERS TO ACCEPT CONNECTION OF THE PROPOSED WORK. THE ENGINEER SHALL BE NOTIFIED OF ANY CONFLICTS BETWEEN EXISTING UTILITIES AND OF ANY INADEQUACY OF THE EXISTING SEWER LINES TO PROPERLY ACCEPT PROPOSED CONNECTIONS AND FLOWS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE ALL AREAS DISTURBED BY HIS WORK, TO THE CONDITION AS BEFORE THE WORK COMMENCED.
- DURING CONSTRUCTION, THE OWNER'S REPRESENTATIVE MUST BE PRESENT TO OBSERVE AND EXAMINE THE WORKMANSHIP AND MATERIALS BEING INCORPORATED IN THE PROJECT. THE OWNER'S REPRESENTATIVE SHALL BE THE SOLE JUDGE AS TO WHETHER THE CONSTRUCTION PROVIDED IS IN COMPLIANCE WITH PROJECT SPECIFICATIONS. AT ANY TIME DURING THE COURSE OF THE CONSTRUCTION, THE WORK IS DEEMED UNACCEPTABLE. A STOP WORK ORDER WILL BE ISSUED AND ANY WORK PERFORMED AFTER THE ISSUANCE OF SUCH AN ORDER SHALL NOT BE ACCEPTED OR APPROVED BY THE OWNER'S REPRESENTATIVE. UNAPPROVED WORK AND/OR MATERIAL SHALL BE REMOVED AND REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE BEFORE APPROVAL TO RECOMMENCE WORK WILL BE GRANTED.
- THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SITE IN A NON-HAZARDOUS CONDITION ALL IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF LABOR, OSHA AND ALL OTHER AGENCIES HAVING JURISDICTION, UNLESS OTHERWISE APPROVED IN WRITING BY OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL ERECT AND MAINTAIN ADEQUATE FENCING AROUND ALL OPEN EXCAVATIONS.
- FINAL APPROVAL SHALL NOT BE GRANTED UNTIL ALL THE FOLLOWING REQUIREMENTS ARE FULFILLED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
 - THE SYSTEM SHALL BE SUBJECTED TO TESTING TO ESTABLISH THE ADEQUACY OF INDIVIDUAL COMPONENTS AND OF THE OVERALL SYSTEM'S ABILITY TO MEET THE REQUIREMENTS OF THE APPROVED CONTRACT DOCUMENTS. ALL ACCEPTANCE TESTING SHALL BE PERFORMED AT NO COST TO THE OWNER AND NO ACCEPTANCE TESTING SHALL BE PERFORMED UNLESS WITNESSED BY A DULY AUTHORIZED REPRESENTATIVE OF THE OWNER. THE OWNER'S REPRESENTATIVE SHALL BE THE SOLE JUDGE AS TO THE ADEQUACY OF THE ITEMS TESTED AND DEFECTS SHALL BE CORRECT TO THE SATISFACTION OF THE OWNER.
 - REPRODUCIBLE "AS-BUILT" RECORD DRAWINGS OF THE COMPLETED SEWAGE COLLECTION SYSTEM SHALL BE SUBMITTED TO THE OWNER. "AS-BUILTS" MUST BE SIGNED AND SEALED BY A DULY LICENSED NEW YORK STATE LAND SURVEYOR AND MUST SUPPLY A SUITABLE PERMANENT RECORD OF THE EXACT LOCATION AND ELEVATION OF SEWER LINES, STRUCTURES, STUBS, HOUSE CONNECTIONS, WYES AND APPURTENANCES. "AS-BUILTS" SHALL BE PREPARED IN ACCORDANCE WITH SCDPW STANDARDS FOR "AS-BUILT" DRAWINGS FOR SEWER CONSTRUCTION AND MUST BE INK ON MYLAR OR EQUAL DRAFTING MEDIA AND DIGITAL (AUTOCAD), AS REQUIRED BY SCDPW. PLANS MUST BE IN THE FOLLOWING COORDINATE SYSTEMS:
 - HORIZONTAL COORDINATE SYSTEM: NAD 1983, STATE PLANE, NEW YORK, LONG ISLAND ZONE, US SURVEY FEET.
 - VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988
 ALL SHEETS OF THE AS-BUILT DRAWINGS SHALL INDICATE THE HORIZONTAL COORDINATE SYSTEM AND VERTICAL DATUM SYSTEM. ELEVATIONS OF POINTS OF CONTROL IN DIFFERING DATUM MUST NOTE THE ORIGINAL DATUM AND ITS CORRESPONDING ELEVATION AND 1988 (NAVD) DATUM AND ELEVATION ON PLANS.
 - REPRODUCIBLE "AS-BUILT" RECORD DRAWINGS OF THE COMPLETED SEWAGE WORKS SHALL BE SUBMITTED TO THE SCDPW. "AS-BUILTS" MUST INCLUDE, BUT NOT BE LIMITED TO, SITE PLAN, OPERATION AND MAINTENANCE MANUALS SCHEMATICS AND ELEMENTARY DRAWINGS OF ELECTRICAL, MECHANICAL AND PROCESS SYSTEMS. DRAWINGS MUST BE SIGNED AND SEALED BY NEW YORK STATE LICENSED PROFESSIONAL ENGINEER, AND MUST BE INK ON MYLAR OR EQUAL.
 - DRAFTING MEDIA AND DIGITAL (AUTOCAD) AS REQUIRED BY SCDPW. PLANS MUST BE IN THE FOLLOWING COORDINATE SYSTEMS:
 - HORIZONTAL COORDINATE SYSTEM: NAD 1983, STATE PLANE, NEW YORK, LONG ISLAND ZONE, US SURVEY FEET.
 - VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988
 - ALL SHEETS OF THE AS-BUILT DRAWINGS SHALL INDICATE THE HORIZONTAL COORDINATE SYSTEM AND VERTICAL DATUM SYSTEM. ELEVATIONS OF POINTS OF CONTROL IN DIFFERING DATUM MUST NOTE THE ORIGINAL DATUM AND ITS CORRESPONDING ELEVATION AND 1988 (NAVD) DATUM AND ELEVATION ON PLANS.
 - A CERTIFICATE OF COMPLIANCE FOR ALL MATERIAL, WORK AND EQUIPMENT INCORPORATED INTO THE PROJECT MUST BE SUBMITTED TO THE SCDPW, IF NEEDED. THE CERTIFICATE MUST BE ATTESTED TO AND SIGNED BY A DULY COMMISSIONED NOTARY PUBLIC.
- ALL MATERIAL AND METHODS OF CONSTRUCTION MUST COMPLY WITH THE TECHNICAL SPECIFICATIONS FOR THE CONSTRUCTION OF BUILDING SEWER CONNECTIONS.
- TESTING OF GRAVITY SEWER
 - EXFILTRATION TEST - ALL SANITARY SEWERS CONSTRUCTED IN LESS THAN TWO (2) FEET AND

SANITARY SEWER NOTES (CONT'D)

- ABOVE THE GROUNDWATER ELEVATION, SHALL BE SUBJECT TO AN EXFILTRATION TEST. TOTAL EXFILTRATION SHALL NOT EXCEED 100 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER 24 HOURS. EXFILTRATION TESTING SHALL BE IN ACCORDANCE WITH DEPARTMENT STANDARDS.
- INFILTRATION TEST - ALL SANITARY SEWERS CONSTRUCTED MORE THAN TWO (2) FEET BELOW THE GROUNDWATER ELEVATION, SHALL BE SUBJECT TO AN INFILTRATION TEST. TOTAL INFILTRATION SHALL NOT EXCEED 100 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER 24 HOURS. GROUNDWATER ELEVATION MUST BE AT LEAST TWO (2) FEET ABOVE CROWN OF PIPE AT THE UPSTREAM MANHOLE. INFILTRATION TESTS SHALL BE PERFORMED USING A COMPLETED BACKFILL OVER THE SECTION. THE DEFLECTION OR DEFORMATION OF THE PIPE DUE TO EXTERNAL LOADING, SHALL NOT EXCEED 5.0 PERCENT. THE MANDREL SHALL BE SIZED FOR 95% OF THE AVERAGE INSIDE DIAMETER AS PRESENTED IN ASTM D3034, TABLE XLI. FOR SDR PVC SEWER PIPE. IF ANY SECTION OF PIPE FAILS THE DEFLECTION TEST, THE OVERLY DEFLECTED PIPE SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH DEPARTMENT STANDARDS.
 - DEFLECTION TEST - ALL SANITARY SEWERS CONSTRUCTED OF PVC SDR 35 PIPING SHALL PASS A MANDREL DEFLECTION TEST. SANITARY SEWERS CONSTRUCTED OF CLASS 53 DUCTILE IRON PIPE OR PVC DR-18 PIPING ARE EXEMPT FROM THIS REQUIREMENT. NO SECTION OF SEWER SHALL BE TESTED BEFORE AT LEAST 30-DAYS HAVE ELAPSED FROM THE DATE OF COMPLETED BACKFILL OVER THE SECTION. THE DEFLECTION OR DEFORMATION OF THE PIPE DUE TO EXTERNAL LOADING, SHALL NOT EXCEED 5.0 PERCENT. THE MANDREL SHALL BE SIZED FOR 95% OF THE AVERAGE INSIDE DIAMETER AS PRESENTED IN ASTM D3034, TABLE XLI. FOR SDR PVC SEWER PIPE. IF ANY SECTION OF PIPE FAILS THE DEFLECTION TEST, THE OVERLY DEFLECTED PIPE SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH DEPARTMENT STANDARDS.
- ABOVE GROUND PIPING - ALL ABOVE GROUND PIPING SHALL BE SUBJECT TO PRESSURE AND LEAKAGE TESTING IN ACCORDANCE WITH DEPARTMENT STANDARDS. IF ANY SECTION OF PIPE FAILS, ALL REPAIRS SHALL BE MADE BY THE CONTRACTOR IN ACCORDANCE WITH DEPARTMENT STANDARDS.
 - STRUCTURAL DESIGN REQUIREMENTS - ALL STRUCTURAL REQUIREMENTS SHOULD BE INCORPORATED ON THE CONSTRUCTION PLANS. THESE DETAILS INCLUDE REINFORCING BAR SIZES AND LENGTHS, CONCRETE WALL THICKNESS (MINIMUM 15") AND CORNER DETAILS. ANY DESIGN DETAIL REQUIREMENTS, SUCH AS ABOVE, NOT INCORPORATED IN THE DESIGN DRAWINGS WILL HAVE TO BE PROVIDED PRIOR TO CONSTRUCTION. IF DESIGN DETAILS ARE PROVIDED BY A CONTRACTOR, THEY MUST BE REVIEWED AND STAMPED BY THE PROFESSIONAL DESIGN ENGINEER.
 - ANY WORK PERFORMED IN A PUBLIC RIGHT OF WAY SHALL REQUIRE A ROAD OPENING PERMIT FROM THE AUTHORITY HAVING JURISDICTION. CONTRACTOR TO SUBMIT A MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR APPROVAL PRIOR TO THE COMMENCEMENT OF ANY WORK IN A RIGHT OF WAY.

MARKING TAPE NOTES

- SCOPE
 - THE CONTRACTOR SHALL FURNISH AND INSTALL AN UNDERGROUND MARKING TAPE ALONG ALL SEWER LINES, MAINS AND HOUSE CONNECTIONS.
- MATERIALS
 - THE MATERIAL SHALL BE METALLIC DETECTABLE TAPE WITH A MINIMUM THICKNESS OF 4 MILS. TAPE SHALL BE RESISTANT TO ALKALIS, ACIDS AND OTHER DESTRUCTIVE ELEMENTS. THE TAPE SHALL BE GREEN IN COLOR, 3" MINIMUM WIDTH, MARKED WITH THE WORDS, "CAUTION-SANITARY SEWER". THE WARNING SHALL BE REPEATED EVERY 16"-36".
- INSTALLATION
 - AFTER PARTIALLY BACKFILLING AND LEVELING THE TRENCHES TO A HEIGHT OF 18"-24" ABOVE THE CROWN OF PIPE, THE ROLL OF TAPE SHALL BE MOUNTED ON A WHEEL AND SPREAD ABOVE THE PREPARED SURFACE AS STRAIGHT AS POSSIBLE. THE TAPE SHALL BE HELD IN POSITION BY ADDING BACKFILL WITH HAND SHOVELS BEFORE USING MECHANICAL EQUIPMENT TO FINISH THE BACK FILL.
 - IF THE SEWER LINE OR HOUSE CONNECTION DOES NOT END INTO A MANHOLE, THE TAPE SHALL BE EXTENDED AT LEAST THREE (3) FEET

NATIONAL GRID NOTES

- NATIONAL GRID NOTES
- AS IS REQUIRED BY NYCRR PART 753 TEST HOLES (VA HAND OR VACUUM EXCAVATIONS) BY THE DRILL OPERATOR/EXCAVATOR SHALL BE PERFORMED TO DETERMINE THE LOCATION AND DEPTH OF THE NATIONAL GRID GAS MAINS. THE TEST HOLES SHALL ALLOW THE BOTTOM OF BOTH GAS MAINS TO BE VISIBLE.
 - A MINIMUM CLEARANCE OF 5 FT SHALL BE MAINTAINED FROM THE TOP OF THE DRILL HEAD AND THE BOTTOM OF BOTH GAS MAINS.
 - PRIOR TO THE DRILL HEAD CROSSING THE GAS MAINS A TEST HOLE SHALL BE PERFORMED TO DETERMINE THE DEPTH OF THE DRILL HEAD AND CONFIRM THE MINIMUM 3 FT CLEARANCE IS ADHERED TO. THIS TEST HOLE WILL BE LOCATED 5 FT FROM THE FACE OF THE GAS MAIN THE DRILL HEAD WILL INITIALLY CROSS.
 - TEST HOLES TO LOCATE THE GAS MAINS AND DRILL HEAD MUST BE MADE UNDER THE OBSERVATION AND SATISFACTION OF THE DESIGNATED NATIONAL GRID INSPECTOR PROVIDING OVERSIGHT AT THE WORK SITE.
 - NO DIRECTIONAL DRILLING OR MECHANICAL EXCAVATIONS SHALL COMMENCE WITHIN 15 FT OF THE 450# TRANSMISSION GAS MAIN WITHOUT THE NATIONAL GRID INSPECTOR BEING ON SITE.
 - THE DRILL OPERATOR/EXCAVATOR SHALL NOTIFY NATIONAL GRID 72 HOURS IN ADVANCE SO NATIONAL GRID CAN ARRANGE TO HAVE A NATIONAL GRID INSPECTOR ON SITE DURING DRILLING/EXCAVATING OPERATIONS.
 - CONTRACTOR SHALL REFER TO TECHNICAL SPECIFICATION SECTION 01140-WORK RESTRICTIONS FOR ADDITIONAL NATIONAL GRID REQUIREMENTS.

REQUIREMENTS FOR THE USE OF STEEL PLATES FOR OPEN TRENCHES

- ROAD PLATES SHALL NOT BE USED DURING THE "SNOW AND ICE SEASON" WHICH IS DEFINED AS NOVEMBER 1ST THROUGH APRIL 1ST. DURING THE MONTHS OF OCTOBER AND APRIL, THE CONTRACTOR SHALL NOTIFY THE ROADWAY OWNER IN WRITING OF THE PLATE LOCATIONS.
- NO TRENCH IN THE PUBLIC RIGHT OF WAY SHALL BE LEFT OPEN DURING NON-WORKING HOURS WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS. TRENCHES SHALL EITHER BE PLATED OR BACKFILLED AND RESURFACED WITH TEMPORARY ASPHALT IN ACCORDANCE WITH THE CONTRACT DETAILS.
- CONTRACTOR SHALL RETAIN THEIR OWN ENGINEER WHO SHALL BE RESPONSIBLE FOR THE DESIGN OF THE STEEL PLATING SYSTEM. CONTRACTOR TO SUBMIT FOR REVIEW THE FOLLOWING DOCUMENTATION TO THE SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS AND/OR THEIR DESIGNATED REPRESENTATIVE, DESIGN CALCULATIONS PREPARED BY A NYS LICENSED PROFESSIONAL ENGINEER SPECIFICATION SHEETS FOR ALL MATERIALS AND ACCESSORIES BEING USED AS PART OF THE STEEL PLATE SYSTEM.
- MINIMUM THICKNESS OF THE PLATES SHALL BE 1-INCH IN STREETS, ALLEYS, DRIVEWAYS AND PARKING LANES. FOR TRENCH WIDTH OVER 4'-FEET, PLATE THICKNESS SHALL BE AT LEAST 1-1/4 INCHES. ALL PLATE THICKNESSES SHALL BE BASED ON AN ENGINEERING DESIGN PROVIDED BY THE CONTRACTOR AND APPROVED BY THE SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS.
- BEFORE STEEL PLATES ARE INSTALLED, THE EXCAVATION SHALL BE ADEQUATELY SHORED TO SUPPORT THE BRIDGING AND TRAFFIC LOADS.
- ALL PLATES SUBJECT TO VEHICLE TRAFFIC SHALL BE COUNTERSUNK FLUSH WITH ADJACENT PAVEMENT UNLESS OTHER METHODS ARE APPROVED PRIOR TO THE START OF TRENCHING OPERATIONS. PLATES NOT COUNTERSUNK SHALL HAVE A 12-INCH RAMP OF COMPACTED TEMPORARY ASPHALT AT ALL EXPOSED SIDES.
- ALL PLATES SHALL BE SECURED TO THE PAVEMENT OR SOIL TO ELIMINATE LATERAL MOVEMENT OF THE PLATE. PINS OR STEEL RODS SHOULD NOT RESTRICT THE VERTICAL MOVEMENT OF THE STEEL PLATE. SPACING AND PLACEMENT OF THE PINS SHALL BE AS DIRECTED BY THE CONTRACTORS ENGINEER.
- WHEN TWO OR MORE PLATES ARE USED, THE PLATES SHALL BE TACK WELDED AT EACH CORNER OR AS REQUIRED BY THE INSPECTOR. ALTERNATIVE METHODS TO ACCOMPLISH THIS, SUCH AS METAL CONNECTORS, WILL BE CONSIDERED FOR APPROVAL ON A CASE BY CASE BASIS.
- WEDGES OR OTHER NON-ASPHALTIC DEVICES SHALL BE USED FOR LEVELING AS REQUIRED TO ELIMINATE ROCKING OF THE PLATES. COMPACTED TEMPORARY ASPHALT SHALL BE USED TO FILL ALL GAPS BETWEEN THE PLATES AND EXISTING PAVEMENT SURFACES.
- PLATES SHALL EXTEND A MINIMUM OF 12-INCHES BEYOND THE TRENCH EDGES.
- STEEL PLATES MUST BE ABLE TO WITHSTAND HS-20 TRAFFIC LOADINGS WITHOUT ANY MOVEMENT. PLATES SHALL BE FABRICATED FROM ASTM A36 STEEL (MINIMUM 36 KSI) AND HAVE A NON-SKID SURFACE.
- PLATES SHALL BE REMOVED THE FOLLOWING DAY, OR AS APPROVED BY THE OWNER'S REPRESENTATIVE AND THE TRENCH PAVED WITH PERMANENT OR TEMPORARY ASPHALT. PLATES SHALL NOT BE LEFT OVER A WEEKEND WITHOUT WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
- PLATES SHALL BE CHECKED AT LEAST TWICE PER DAY, INCLUDING ON WEEKENDS AND HOLIDAYS, BY THE CONTRACTOR TO MAKE SURE THEY ARE SECURE. INSPECTOR LOG TO BE SUBMITTED BY THE CONTRACTOR TO THE OWNER'S REPRESENTATIVE DAILY.
- APPROPRIATE ADVANCE WARNING SIGNS "STEEL PLATE AHEAD" SIGN (NYS DOT SIGN DESIGNATION WB-24) ARE REQUIRED FOR ALL STEEL PLATE CROSSINGS. IF THE SURFACE OF THE PLATE IS 1-INCH OR GREATER ABOVE/BELOW THE SURROUNDING PAVEMENT, A "BUMP" SIGN (NYS DOT SIGN DESIGNATION WB-1) SHALL BE INSTALLED BETWEEN THE PLATE AND "STEEL PLATE AHEAD" SIGN IN ACCORDANCE WITH TABLE NY6H-3. THESE SIGNS SHALL BE USED ALONG WITH ANY AND ALL OTHER REQUIRED CONSTRUCTION SIGNAGE. A BARREL WITH A TYPE A FLASHER SHALL BE PLACED ON THE SHOULDER AT THE PLATE.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF THE STEEL PLATES AND ASSOCIATED ACCESSORIES, INCLUDING EMERGENCY MAINTENANCE WHICH MAY OCCUR DURING NON-WORKING HOURS. IN THE EVENT OF IMPROPER INSTALLATION OF THE STEEL PLATES THAT PRESENTS A NUISANCE OR A PUBLIC SAFETY PROBLEM, THE CONTRACTOR SHALL RESPOND TO ALL EXCAVATION RESTORATION REQUESTS FROM THE OWNER'S REPRESENTATIVE IMMEDIATELY UPON NOTIFICATION. NON-RESPONSES WILL RESULT IN THE REQUIRED RESTORATION WORK BEING DONE BY THE COUNTY OF SUFFOLK, WITH ALL EXPENSES TO BE REIMBURSED BY THE CONTRACTOR.
- STEEL PLATES SHALL BE INSTALLED TO RESIST BENDING, VIBRATIONS, ETC., UNDER TRAFFIC LOADS AND SHALL BE ANCHORED SECURELY TO PREVENT MOVEMENT. IF THESE CONDITIONS ARE NOT MET, THE CONTRACTOR WILL BE REQUIRED OR BACKFILL AND PAVE THE EXCAVATION DAILY, OR USE ALTERNATIVE METHODS.
- ALL STEEL PLATES SHALL BE PROPERLY MARKED WITH THE CONTRACTORS NAME AND AN AFTER-HOURS CONTACT PHONE NUMBER IN THE EVENT THE PLATES NEED TO BE SECURED.
- ALL STEEL PLATES USED SHALL BE WITHOUT DEFORMATION. THE PLATE SURFACE MUST NOT DEVIATE MORE THAN 1/4-INCH WHEN MEASURED WITH A 10-FOOT STRAIGHT END ALONG THE LENGTH OF THE PLATE.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO VEHICLES CAUSED BY INCORRECT INSTALLATION OF PLATE OR BY SLIPPAGE OF PLATE.
- TRENCH WALLS SHALL BE ADEQUATELY SUPPORTED BY SHORING AS DETERMINED BY THE CONTRACTORS COMPONENT PERSON IN ACCORDANCE WITH PROJECTS APPROVED SHEETING PLAN(S). IF CONTRACTOR PROPOSED TO USE A SHORING BOX TO SUPPORT TRENCH WALLS, AT TIME OF SHORING BOX APPROVAL INCLUDE ENGINEERING CALCULATIONS SHOWING THE LOADS IMPARTED BY THE USE OF STEEL PLATES. APPROVAL TO USE A SHEETING BOX DOES NOT CONSTITUTE APPROVAL TO USE STEEL PLATES.
- TEMPORARY STEEL PLATES INSTALLED ON ROADWAY OPEN TO VEHICULAR TRAFFIC SHOULD BE MARKED WITH A DURABLE AND HIGHLY REFLECTIVE WHITE PAVEMENT MARKING TAPE NO LESS THAN 4-INCHES IN WIDTH. THE MARKING PATTERN USED SHOULD, AT A MINIMUM, INCLUDE ALL FOUR CORNERS OF THE PLATE, SIMILAR TO THE PATTERN SHOWN ON DWG. C-3. THE MARKING TAPE DIMENSIONS SHOULD NOT BE LESS THAN THOSE SHOWN ON DWG. C-3. THE 3-INCH DISTANCE FROM THE PLATE'S EDGE TO THE TAPE MAY BE VARIED DEPENDING ON THE CONDITIONS.

TRAFFIC SIGNAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ALL SIGNAL INTERCONNECT CABLE, DETECTOR CABLE, CONDUIT AND ALL UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION.
- PRIOR TO STARTING ANY WORK AT THIS LOCATION, THE CONTRACTOR SHALL PROVIDE FOR A TONE-OUT OF SIGNAL EQUIPMENT.
- ALL TRAFFIC SIGNALS SHALL BE MAINTAINED IN A TRAFFIC RESPONSIVE OPERATION AND ALL INTERCONNECT, WHERE EXISTING, SHALL BE MAINTAINED. THE CONTRACTOR SHALL PAY A LIQUIDATED DAMAGES CHARGE OF \$500.00 PER CALENDAR DAY IF ACTUATION AND COORDINATION IS NOT MAINTAINED.
- WHERE PAVEMENT IS RESURFACED, ALL INDUCTANCE LOOPS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF THE FINAL ASPHALT TOP COURSE.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NYS DOT REGIONAL TRAFFIC SIGNAL DETAIL SHEETS AND NYS STANDARD SHEETS.
- ALL DETECTORS SHALL BE CENTERED IN THEIR RESPECTIVE LANES AND SPACED 10 FT APART UNLESS OTHERWISE INDICATED IN THE PLAN.

SPECIAL UTILITY NOTE

A CAREFUL SEARCH HAS BEEN MADE THROUGH THE FOIL PROCESS, IN GOOD FAITH, OF ALL KNOWN EXISTING MUNICIPALLY OWNED OR PRIVATE UTILITIES WITHIN OR ADJACENT TO THE CONTRACT AREA. HOWEVER, THERE IS NO GUARANTEE THAT ALL EXISTING UTILITIES HAVE BEEN FOUND. THE LOCATION OF THE EXISTING UTILITIES AS SHOWN ON THE CONTRACT PLANS, ARE APPROXIMATE ONLY. THE OWNER AND ENGINEER OF RECORD THEREFORE DOES NOT GUARANTEE THE ACCURACY OF THE LOCATIONS SHOWN ON THE PLANS OF EXISTING PIPES, DUCTS, UTILITIES, SERVICE CONNECTIONS AND OTHER UNDERGROUND STRUCTURES; OR THAT ALL SUCH EXISTING PIPES, DUCTS, UTILITIES, SERVICE CONNECTIONS AND OTHER UNDERGROUND STRUCTURES ARE SHOWN ON THE PLANS. THE INFORMATION GIVEN IS INTENDED ONLY AS A GUIDE TO THE CONTRACTOR AND HE SHALL NOT CLAIM DAMAGES AND SHALL NOT BE ENTITLED TO PAYMENT BECAUSE OF ANY OMISSION OR FAULTY LOCATION ON THE PLANS OF ANY EXISTING PIPES, DUCTS, UTILITIES, SERVICE CONNECTIONS OR OTHER UNDERGROUND STRUCTURES. CONTRACTOR IS SPECIFICALLY DIRECTED TO FAMILIARIZE HIMSELF WITH THE EXISTENCE OF AERIAL SURFACE, OR SUBSURFACE STRUCTURES OF MUNICIPAL AND OTHER PUBLIC SERVICE CORPORATIONS WITHIN THE CONTRACT AREA.

LEGEND

	STREAM		SURVEY CONTROL STATION	BM	BENCHMARK
	MILE MARKER		CHAIN LINK FENCE	CLF	CHAIN LINK FENCE
	FLAG POLE		CORRUGATED METAL PIPE	CONC	CONCRETE
	TRAFFIC SIGNAL POLE		DETECTABLE WARNING SURFACE MAT	DWS	DETECTABLE WARNING SURFACE MAT
	BOLLARD/GUARD POST		ELECTRIC ELEVATION	ELEC	ELECTRIC
	TRAFFIC SIGNAL BOX		EDGE OF PAVEMENT	EQP	EDGE OF PAVEMENT
	PEDESTRIAN TRAFFIC SIGNAL POLE		GUARD RAIL	GR	GUARD RAIL
	TRAFFIC SIGNAL POLE		INVERT ELEVATION	I=	INVERT ELEVATION
	GUY POLE		TRAFFIC LOOP DETECTOR	LOOP	TRAFFIC LOOP DETECTOR
	UTILITY POLE/LIGHT		LANDSCAPED	L/S	LANDSCAPED
	LIGHT POLE		NO PIPES VISIBLE	NPV	NO PIPES VISIBLE
	LIGHT POLE CONC BASE		NOT TO SCALE	N.T.S.	NOT TO SCALE
	GUY ANCHOR		REINFORCED CONCRETE PIPE	RCP	REINFORCED CONCRETE PIPE
	DROP INLET		RIM ELEVATION	R=	RIM ELEVATION
	DRAIN MANHOLE		SUMP ELEVATION	S=	SUMP ELEVATION
	CATCH BASIN		SILTED ELEVATION	Sl=	SILTED ELEVATION
	GAS VALVE		STATION	STA	STATION
	MONITORING WELL		TRENCH DRAIN	TD	TRENCH DRAIN
	TELEPHONE MANHOLE		TOP OF HEADWALL	THW=	TOP OF HEADWALL
	ELECTRIC MANHOLE		TOP OF PIPE	TP=	TOP OF PIPE
	SEWER MANHOLE		WOOD	WD	WOOD
	MANHOLE				
	VENT PIPE				
	FIRE HYDRANT				
	WATER METER				
	WATER VALVE				
	SPOT ELEVATION				
	16" PINE				
	16" OAK				
	SB-1				

SEPARATELY BOUND SPECIFICATIONS ARE PART OF THIS CONTRACT

NO.	DATE	REVISION DESCRIPTION	INT.

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CCP/WR/BJT

PROJECT NAME: SEWERSHED L SEWER EXPANSION

PROJECT LOCATION: VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

TITLE: GENERAL PROJECT NOTES SUMMARY OF WORK (CONT'D)

DISCIPLINE: CIVIL

PROJECT ENGINEER: MR	PROJECT NO. CE2871	DRAWING NO.
DESIGNED BY: AC	JOB NO. CE2871	
DRAWN BY: AC	DATE: FEBRUARY 2022	
CHECKED BY: SH	SCALE: AS SHOWN	

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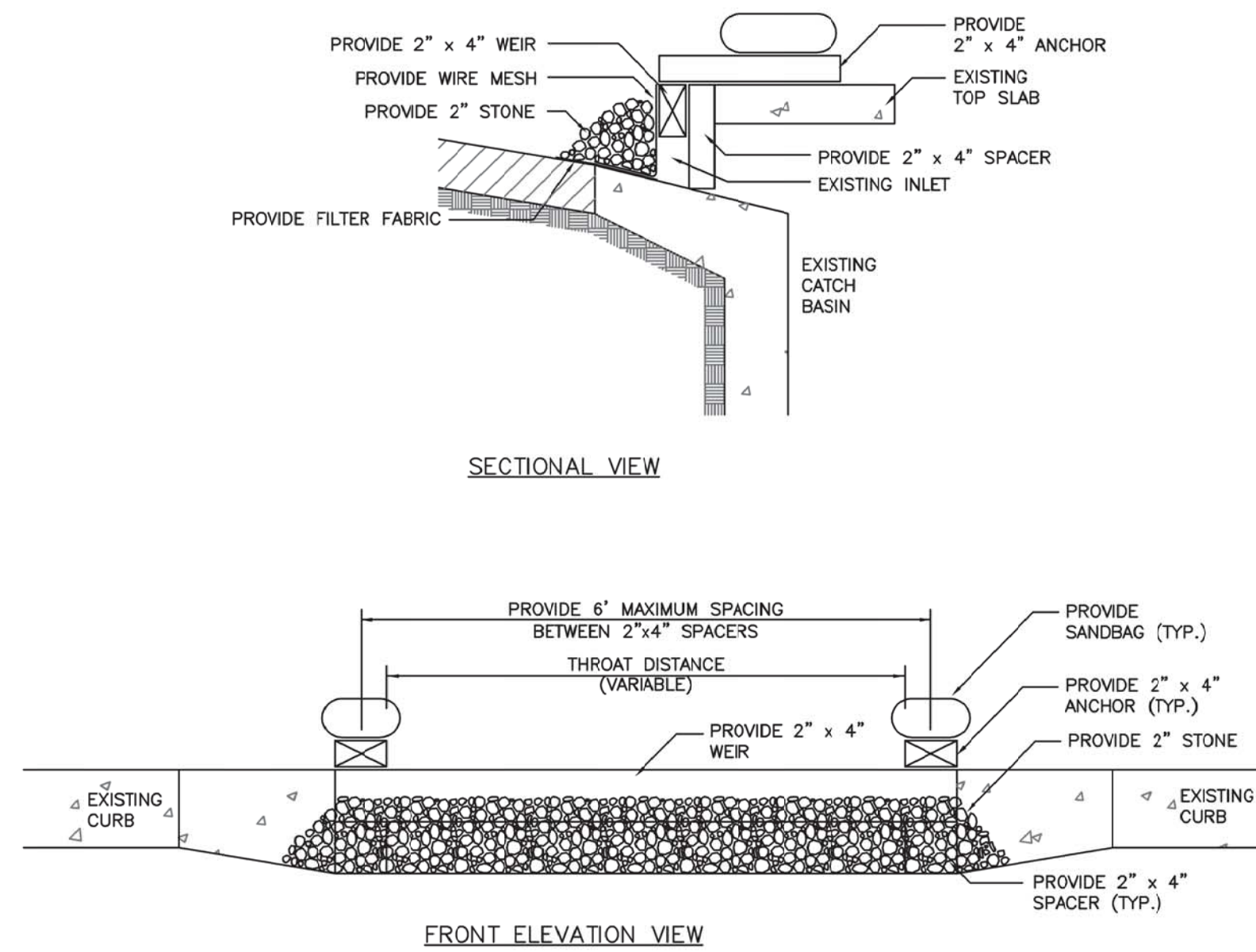
DRAWING

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PLOT BEKALD\CE2871 - Sag Harbor\DESIGN\GENERAL PROJECT NOTES.dwg, Date: February 7, 2022, Patur: 2:43:36 PM, Plotted by: Alhaghi, Camero

SOIL EROSION AND SEDIMENT CONTROL NOTES

- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. CONTRACTOR SHALL COMPLY WITH ALL PHASE II STORM WATER REQUIREMENTS.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN THE STATE OF NEW YORK. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION.
- IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E., STEEP SLOPES AND GRAVEL EMBANKMENTS) SHALL RECEIVE A TEMPORARY COVER OF STRAW MULCH OR A SUITABLE EQUIVALENT, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
- AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE COVER.
- THE CONTRACTOR SHALL TAKE NECESSARY MEASURES TO MAINTAIN DUST CONTROL. VEHICLES SHALL BE CLEANED, AS NECESSARY, PRIOR TO USING PUBLIC STREETS. PAVED ROADS SHALL BE SPRINKLED WITH WATER. WORK AREAS ON ROADWAYS TO BE CLEANED MECHANICALLY ON SCHEDULED BASIS NO LESS THAN WEEKLY.
- ALL SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE LOCATED IN THE FIELD AS REQUIRED OR AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE. THE CONTRACT DRAWINGS ARE NOT INTENDED TO SHOW THE LOCATION AND DETAILS FOR ALL SUCH DEVICES BUT ARE TO BE USED AS A REASONABLE GUIDE.
- ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL REQUIRE THE SUBMISSION OF A REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN TO THE STATE DEC FOR THE RECERTIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT STATE SOIL EROSION AND SEDIMENT CONTROL PRACTICES.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS.
- UPON COMPLETION OF CONSTRUCTION WORK AND AFTER FINAL GRADING AND WHEN PERMANENT STABILIZATION HAS BEEN ESTABLISHED, THE STRAW BALES SHALL BE REMOVED BY THE CONTRACTOR.
- ALL EXCESS EXCAVATED MATERIAL, EXCEPT FOR TOPSOIL, SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- ALL UTILITIES AND CATCH BASIN INLETS MUST BE PROTECTED PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION OPERATIONS FOR REVIEW AND SUBMITTAL TO THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE WHERE POSSIBLE PRIOR TO, OR IMMEDIATELY FOLLOWING SITE AND ACCESS CLEARING.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE AND MAINTAINED; INCLUDING SILT AND SEDIMENT REMOVAL, UNTIL CONSTRUCTION IS COMPLETED, AREA IS STABILIZED AND THE OWNER'S REPRESENTATIVE SO DIRECTS.
- THE CONTRACTOR SHALL CONFINE SOIL DISTURBANCE ACTIVITY TO THE AREAS CONTAINED WITHIN THE LIMITS OF THE PROJECT SITE, EXCEPT AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- SOIL STABILIZATION METHODS SHALL BE UNDERTAKEN COINCIDENTALLY WITH ALL MAJOR SITE IMPROVEMENTS AND CONTINUE DURING THE ENTIRE CONSTRUCTION ACTIVITY PERIOD.
- UPON COMPLETION OF FINAL GRADING, IF THE SEASON PREVENTS THE ESTABLISHMENT OF A PERMANENT COVER, THE DISTURBED AREA WILL BE TEMPORARILY SEEDED IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS.
- PERMANENT VEGETATION TO BE SEEDED ON ALL EXPOSED AREAS WITH SEVEN (7) DAYS AFTER FINAL GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
- AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION SHALL BE EMPLOYED WITH ENGINEER'S APPROVAL.

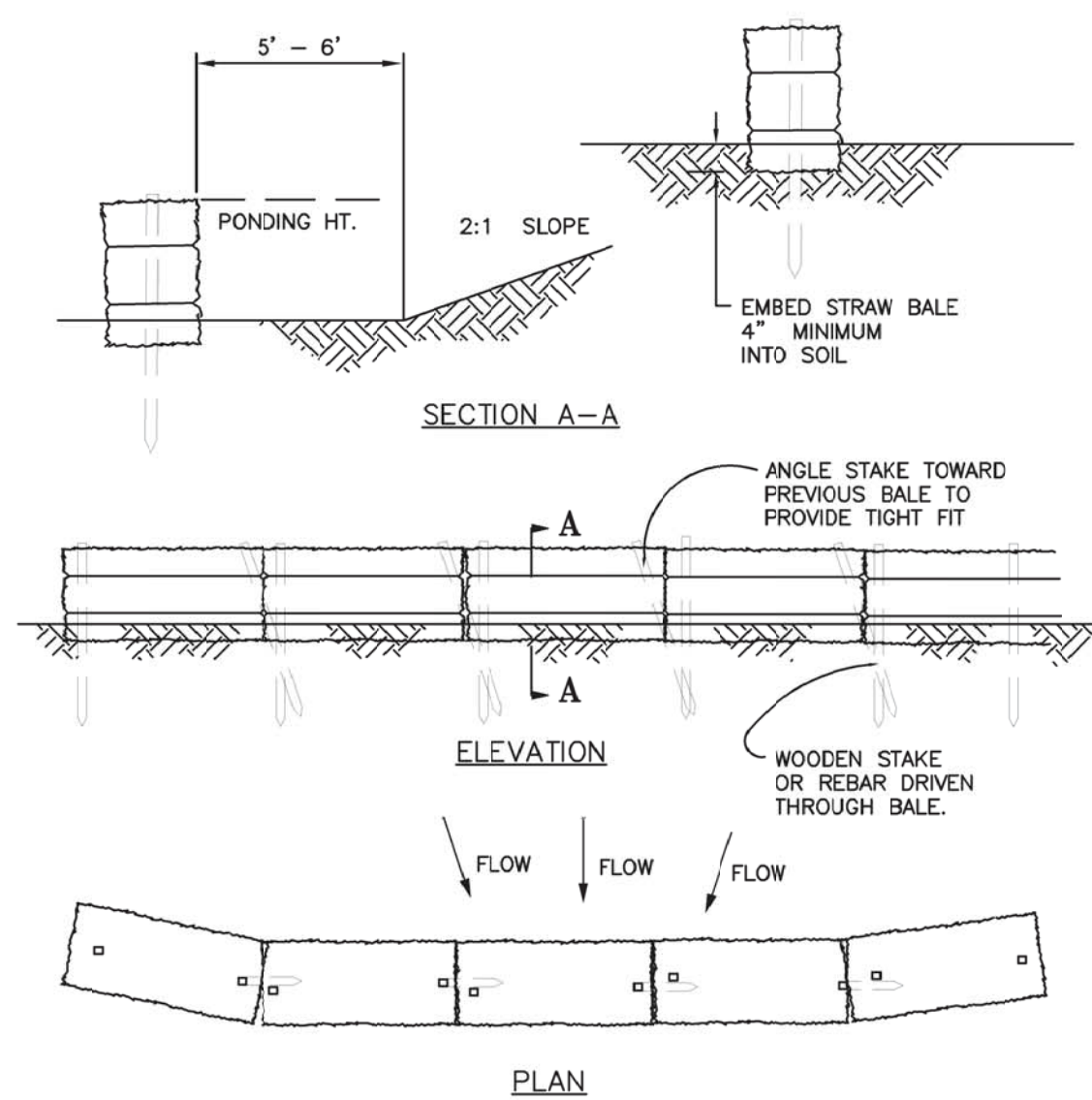


NOTES:

- FILTER FABRIC SHALL HAVE AN EOS OF 40-85.
- WOODEN FRAME SHALL BE CONSTRUCTED OF 2" x 4" CONSTRUCTION GRADE LUMBER.
- WIRE MESH ACROSS THROAT SHALL BE A CONTINUOUS SHEET HAVING A MINIMUM WIDTH OF 30 INCHES AND HAVING A LENGTH 4 FEET LONGER THAN THE CATCH BASIN THROAT. IT SHALL BE SHAPED AND SECURELY NAILED TO THE 2" x 4" WEIR.
- THE WEIR SHALL BE SECURELY NAILED TO 2" x 4" SPACERS SPACED NO MORE THAN 6 FEET APART.
- THE ASSEMBLY SHALL BE PLACED AGAINST THE INLET AND SECURED BY 2" x 4" ANCHORS 2 FEET LONG EXTENDING ACROSS THE TOP OF THE INLET AND HELD IN PLACE BY SANDBAGS OR OTHER WEIGHTS DESIGNATED BY THE OWNER'S REPRESENTATIVE.

EROSION AND SEDIMENT CONTROL FOR CURB INLET DETAIL

SCALE: N.T.S.

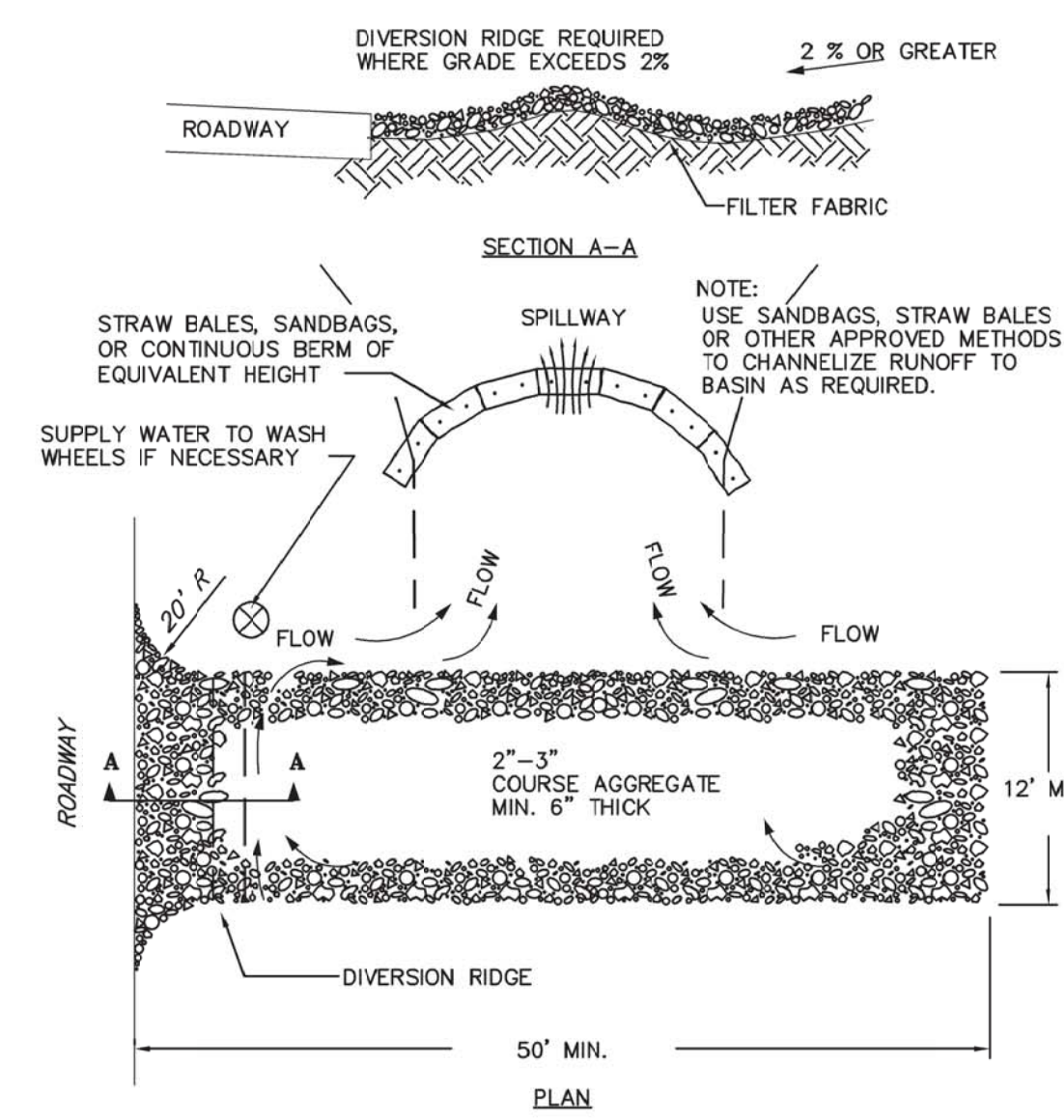


NOTES:

- THE STRAW BALES SHALL BE PLACED ON SLOPE CONTOUR.
- BALES TO BE PLACED IN A ROW WITH THE ENDS TIGHTLY ABUTTING.
- KEY IN BALES TO PREVENT EROSION OR FLOW UNDER BALES.

STRAW BALE DIKE DETAIL

SCALE: N.T.S.

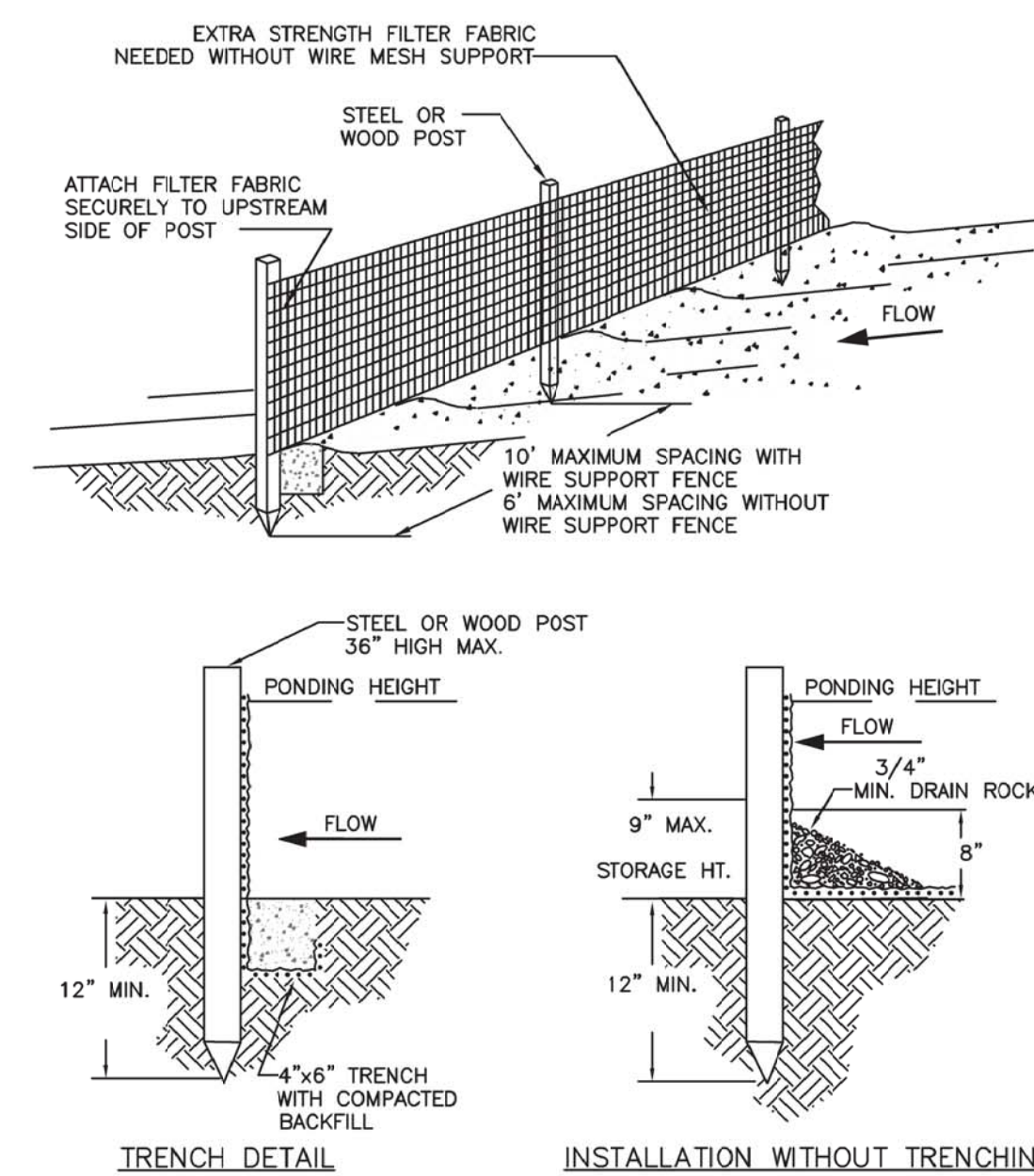


NOTES:

- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

TEMPORARY CONSTRUCTION ENTRANCE

SCALE: N.T.S.

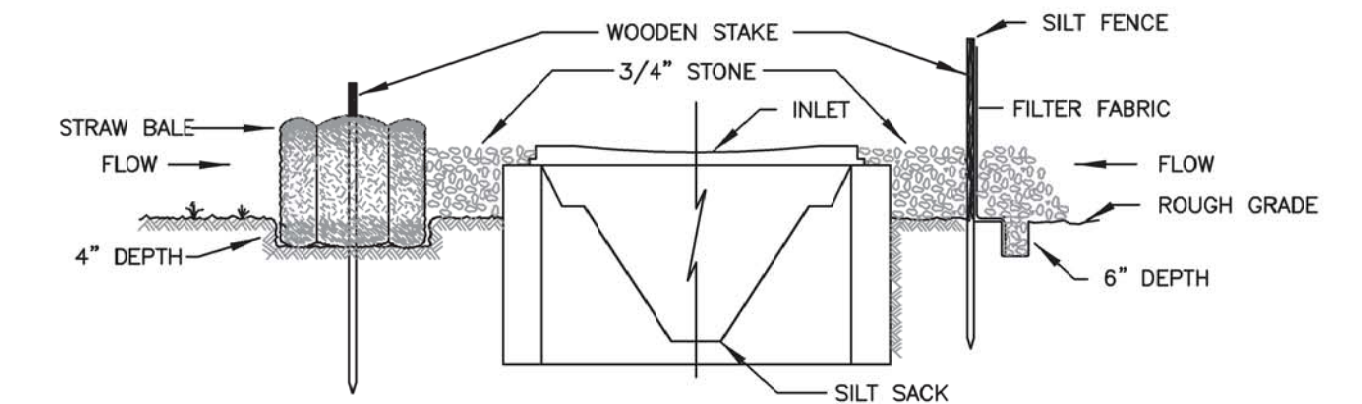


NOTES:

- SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
- INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9' MAXIMUM RECOMMENDED STORAGE HEIGHT.
- REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

SILT FENCE DETAIL

SCALE: N.T.S.



INSTALLATION NOTES

SILT FENCE

- EXCAVATE A 6 INCH x 6 INCH TRENCH, OFFSET APPROXIMATELY 2 FEET FROM THE INLET PERIMETER.
- UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH (NET SIDE AWAY FROM DIRECTION OF FLOW).
- DRIVE THE POST INTO THE GROUND UNTIL NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM.
- LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH. BACKFILL THE TRENCH AND TAMP THE SOIL. STEEPER SLOPES REQUIRE AN INTERCEPT TRENCH.
- JOIN SECTIONS AS SHOWN ABOVE. SUPPLEMENT WITH GRAVEL, FILED AGAINST THE FENCE.

STRAW BALES

- PLACE BALES OF STRAW WITH ENDS TIGHTLY ABUTTING OTHER BALES TO SURROUND THE INLET. WHERE SLOPE AND SPACE PERMIT, ESTABLISH THE LINE OF BALES 2 TO 10 FEET AWAY FROM THE INLET. ANCHOR BALES IN PLACE BY DRIVING REBAR OR 2" x 2" STAKES THROUGH THE BALES. SUPPLEMENT WITH GRAVEL, FILED AGAINST THE BALES.
- SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
- THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

STORMWATER GRATE INLET PROTECTION

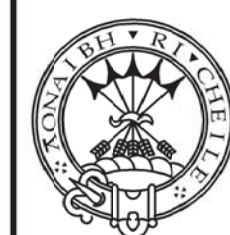
SCALE: N.T.S.

SEPARATELY BOUND SPECIFICATIONS ARE PART OF THIS CONTRACT

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PROJECT NAME:
SEWERSHED L SEWER EXPANSION

PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

TITLE:
EROSION CONTROL NOTES AND DETAILS

DISCIPLINE:
CIVIL

PROJECT ENGINEER:
MR

DESIGNED BY:
AC

DRAWN BY:
AC

CHECKED BY:
SH

PROJECT NO.
CE2871

JOB NO.
CE2871

DATE:
FEBRUARY 2022

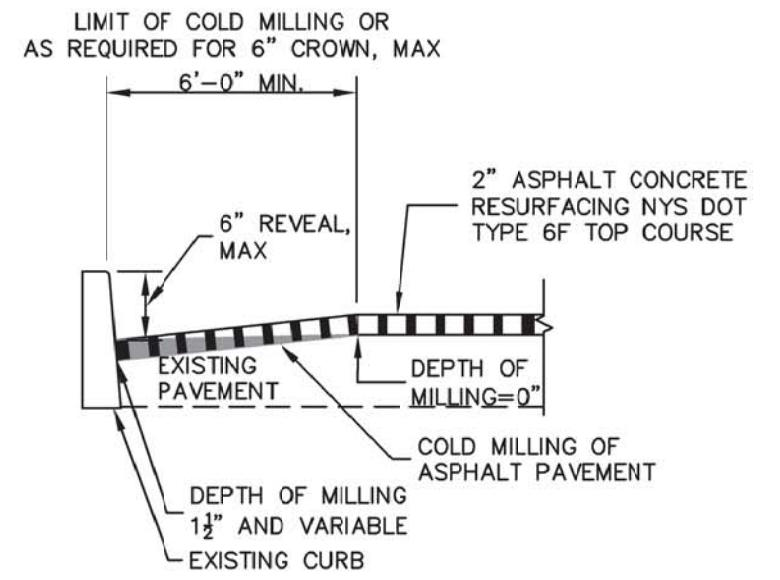
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of 4

GRAVITY SEWER INSTALLATION

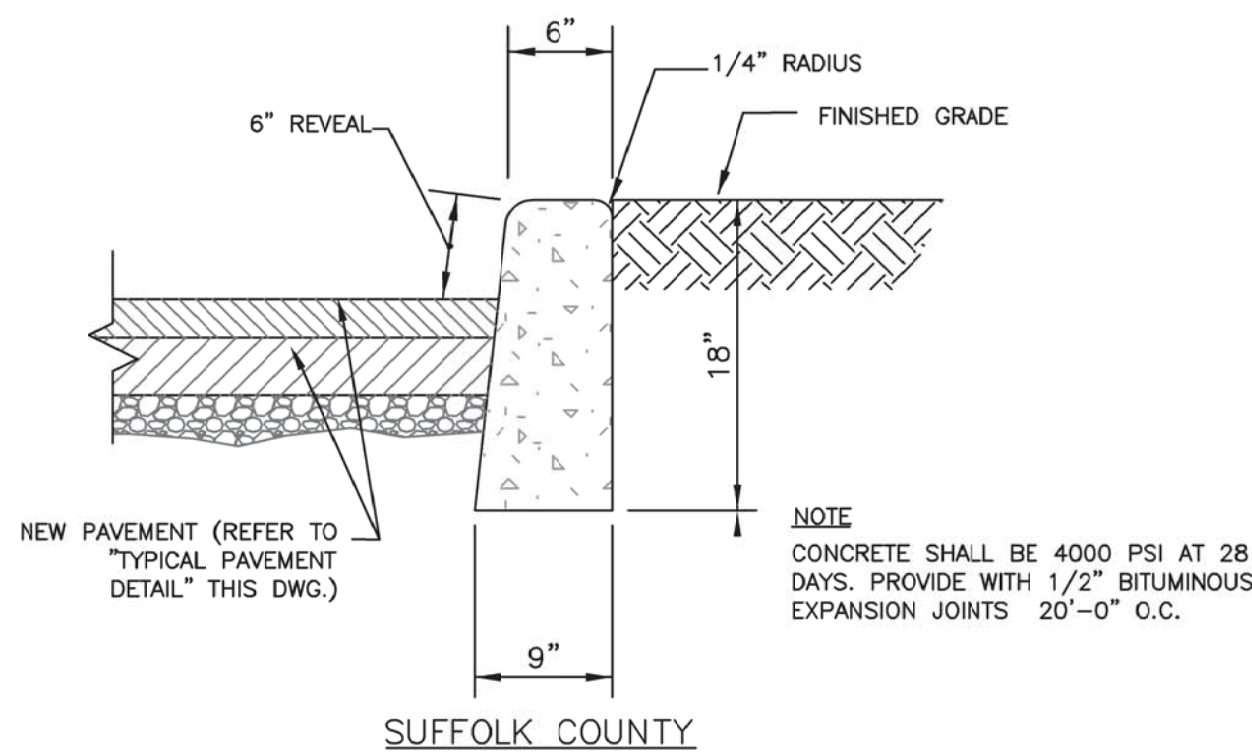
- DAILY:**
- TRENCH TO REQUIRED DEPTH AND INSTALL MANHOLE OR LENGTH OF PIPE.
 - BACKFILL WITH APPROVED MATERIAL IN 6" LIFTS TO 95% DENSITY TO BOTTOM OF COMPACTED AGGREGATE (RCA) LAYER PLACING WARNING TAPE 18" BELOW FINISHED GRADE AND ABOVE TOP OF PIPE, AS SPECIFIED.
 - PLACE COMPACTED AGGREGATE (RCA) IN 6" LIFTS COMPACTED TO 95% DENSITY AT THE LOCATIONS AND DEPTHS AS SPECIFIED ON CONTRACT DRAWINGS SS-2 THROUGH SS-11.
 - PLACE AND ROLL 2" TEMPORARY PAVEMENT. TEMPORARY PAVEMENT SHALL BE PROVIDED BEFORE THE FINISH OF THE DAY'S WORK.
 - MANHOLE COVERS TO BE LOCKED IN PRIOR TO INSTALLATION OF TEMPORARY PAVEMENT.
- MAXIMUM OF EVERY 1,000 FEET OF PIPE:**
- PERFORM HYDROSTATIC TESTING OF THE INSTALLED PIPE AND MANHOLES BY TESTING EVERY OTHER SECTION FROM MANHOLE TO MANHOLE AT A TIME.
 - REMOVE TEMPORARY PAVEMENT AND COMPACTED AGGREGATE (RCA) TO REQUIRED DEPTH AS PER CONTRACT DRAWINGS AND INSTALL PERMANENT TRENCH RESTORATION PAVEMENT AS PER CONTRACT DRAWINGS.
 - RELOCK IN ANY MANHOLE COVERS THAT MAY HAVE BEEN KNOCKED LOOSE PRIOR TO PERMANENT TRENCH RESTORATION.
 - CONSTRUCT BENCHES IN MANHOLES.
 - CONTRACTOR TO PERFORM LAMP TESTS AND COUNTY TO WITNESS.
 - CONTRACTOR CAN CONTINUE TO INSTALL PIPE, HOWEVER, IF MORE THAN 60 FEET OF ADDITIONAL PIPE IS INSTALLED BEFORE BEGINNING THE REMOVAL OF TEMPORARY PAVEMENT AND INSTALLATION OF PERMANENT TRENCH RESTORATION ON THE PREVIOUS SECTION OF PIPE HAS BEGUN A STOP WORK ORDER WILL BE ISSUED BY THE OWNER.



- NOTE:**
1. IN AREAS WITHOUT CURBS, MILL 1 1/2" AT EDGE OF PAVEMENT (EOP).
 2. CARLETON AVENUE AND ALL SIDE STREETS WITHIN THE LIMITS OF WORK SHALL BE MILLED AND PAVED FROM CURB TO CURB

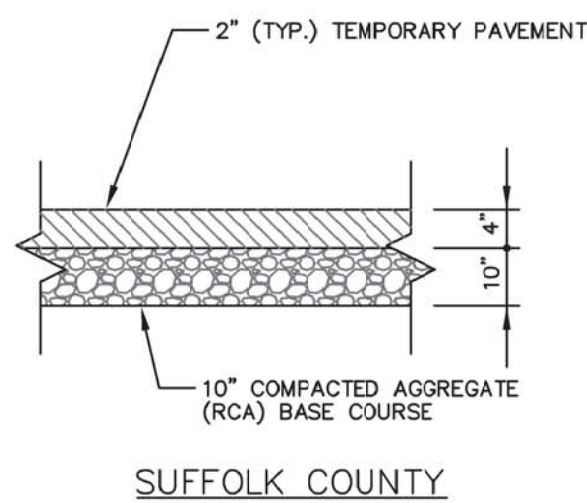
1 MILLING OF ASPHALT CONCRETE DETAIL

SCALE: N.T.S.



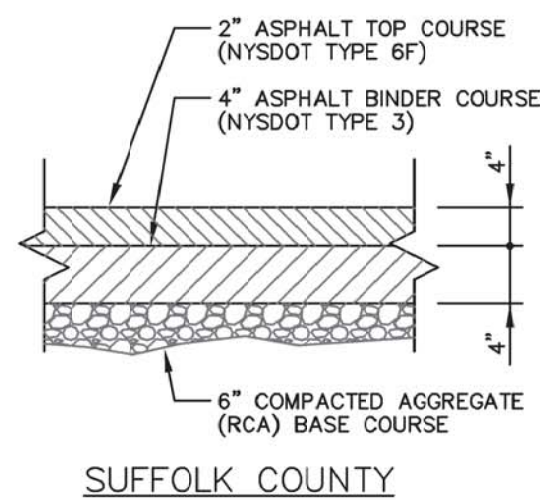
3 CURB DETAIL

SCALE: N.T.S.



4 TEMPORARY PAVEMENT DETAIL

SCALE: N.T.S.



- NOTE:**
- IT IS INTENDED TO REMOVE THE 2-INCH TEMPORARY PAVEMENT AND TEMPORARY PAVEMENT - RCA AS REQUIRED, TO PROVIDE FOR PLACEMENT TO THE SPECIFIED DEPTH OF ASPHALT TOP AND BINDER COURSES AND TO MAINTAIN THE SPECIFIED DEPTH (6-INCH) OF RCA UNDISTURBED FOR THE PERMANENT TRENCH RESTORATION.

5 TYPICAL PAVEMENT DETAIL AND PERMANENT TRENCH RESTORATION

SCALE: N.T.S.

LAYOUT	TYPE	PERMANENT PAVEMENT MARKINGS NYS DOT (LATEST EFFECTIVE DATE) SPECIFICATION ITEM NUMBER	LAYOUT	TYPE	PERMANENT PAVEMENT MARKINGS NYS DOT (LATEST EFFECTIVE DATE) SPECIFICATION ITEM NUMBER
6" - 2" - 6" - 2" - 6" - 2" - 6" - 2"	NORMAL DOTTED LINE (WHITE)	687.0101	24" - 6" - 6" - 4"	STOP LINE (WHITE)	687.0101
12" - 3" - 9" - 3" - 9" - 3" - 9" - 3"	NORMAL DOTTED LINE (YELLOW)	687.0201	4" - 4" - 4" - 4"	CROSSHATCHING (WHITE)	687.0101
6" - 15" - 25" - 15" - 6"	WIDE DOTTED LINE (WHITE)	687.0101	6" - 0"	CROSSHATCHING (YELLOW)	687.0201
5" - 5" - 15" - 25" - 15" - 5"	WIDE DOTTED LINE (YELLOW)	687.0201	3" - 6" ON CENTER	CROSSWALK (WHITE)	687.0101
15"	BROKEN LINE (WHITE)	687.0101			
5"	BROKEN LINE (YELLOW)	687.0201			
15"	SOLID DOUBLE LINE (YELLOW)	687.0201			
5"	LANE LINE (WHITE)	687.0101			
6"	EDGE LINE (WHITE)	687.0101			
12"	EDGE LINE (YELLOW)	687.0201			
	CHANNELIZING (WHITE)	687.0101			
	CHANNELIZING (YELLOW)	687.0201			

NOTES:

1. TEMPORARY PAVEMENT MARKING SHALL BE NYS DOT SPECIFICATION (LATEST EFFECTIVE DATE)

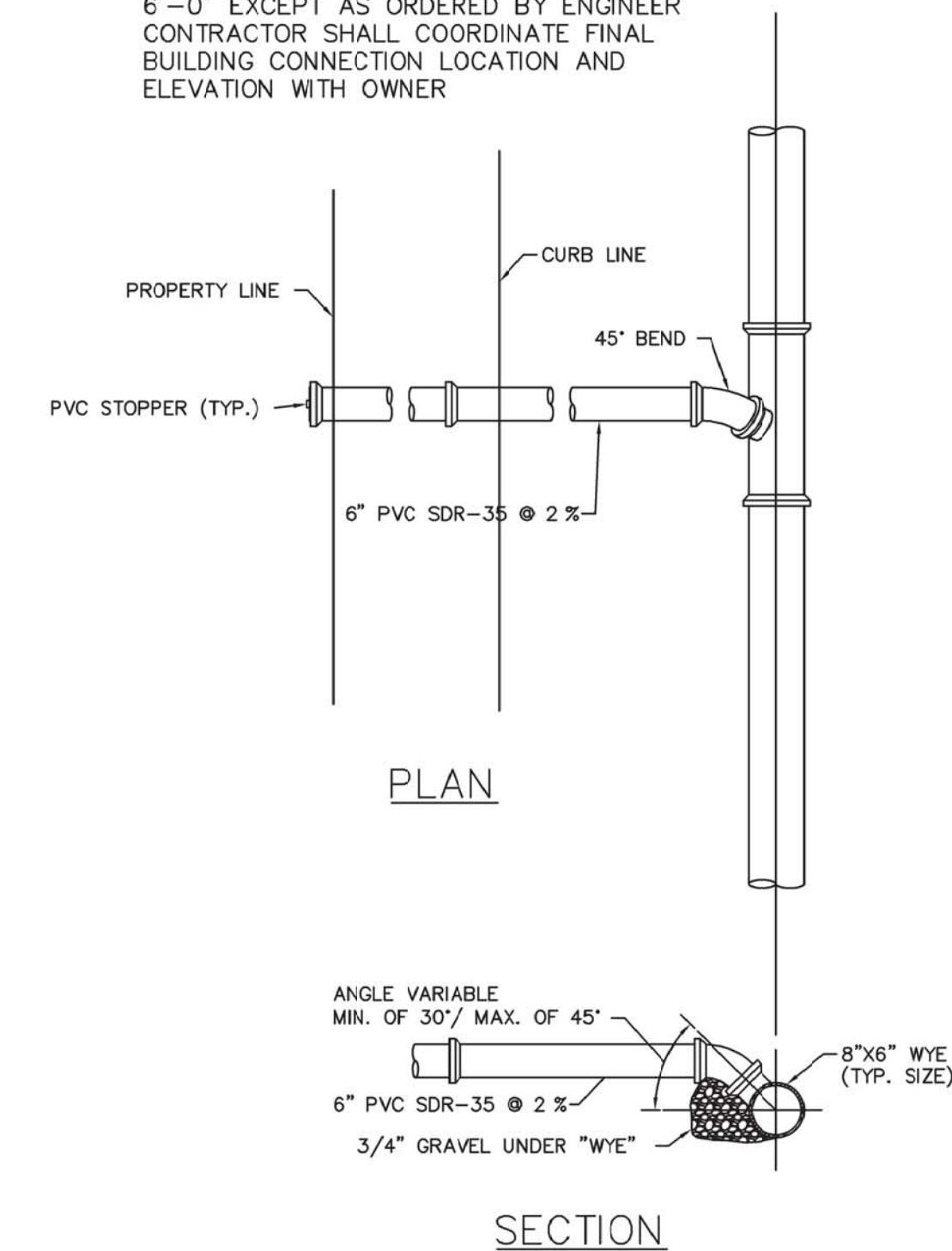
ITEM NUMBER	DESCRIPTION
619.0901	TEMPORARY PAVEMENT MARKINGS, STRIPES, TRAFFIC PAINT
619.0903	TEMPORARY PAVEMENT MARKINGS, STRIPES, REMOVABLE TAPE
619.100101	INTERIM PAVEMENT MARKINGS, STRIPES, TRAFFIC PAINT
619.100201	INTERIM PAVEMENT MARKINGS, SYMBOLS, TRAFFIC PAINT
619.080101	REMOVE PAVEMENT MARKING STRIPES, TRAFFIC PAINT
619.080201	REMOVE PAVEMENT MARKING LETTERS OR SYMBOLS, TRAFFIC PAINT

2. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY PAVEMENT MARKINGS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, USING PATTERNS AND COLORS SHOWN IN THE MUTCD TO ESTABLISH TEMPORARY TRAFFIC PATTERN(S) DURING CONSTRUCTION ON ANY PAVEMENT, INCLUDING MILLED OR GROOVED SURFACE, RESURFACED, NEW PAVEMENT, OR OTHER PAVED SURFACE WITHOUT PAVEMENT MARKINGS, FOR A MAXIMUM OF 14 CALENDAR DAYS.
3. THE CONTRACTOR SHALL INSTALL AND MAINTAIN INTERIM PAVEMENT MARKINGS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, TO ESTABLISH A CONSTRUCTION TRAFFIC PATTERN OR DIVERSION DURING A CONSTRUCTION PHASE OR SEASON, FOR A MAXIMUM OF ONE YEAR.

2 PAVEMENT MARKING DETAIL

SCALE: N.T.S.

NOTE: MINIMUM DEPTH AT CURB LINE 6'-0" EXCEPT AS ORDERED BY ENGINEER
CONTRACTOR SHALL COORDINATE FINAL BUILDING CONNECTION LOCATION AND ELEVATION WITH OWNER



6 TYPICAL BUILDING CONNECTION DETAIL

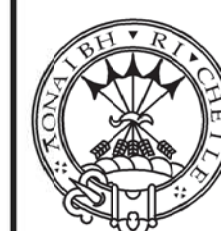
SCALE: N.T.S.

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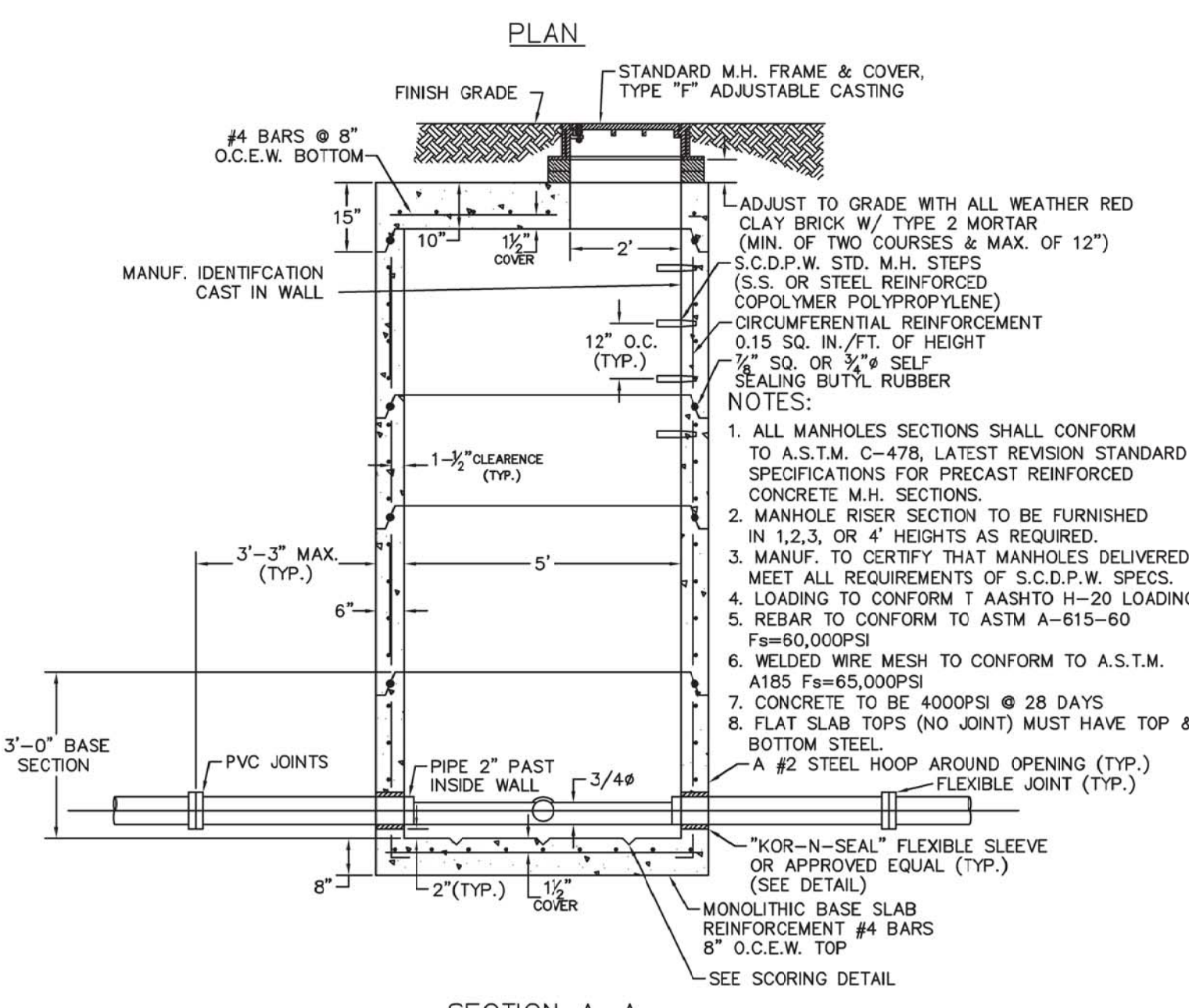
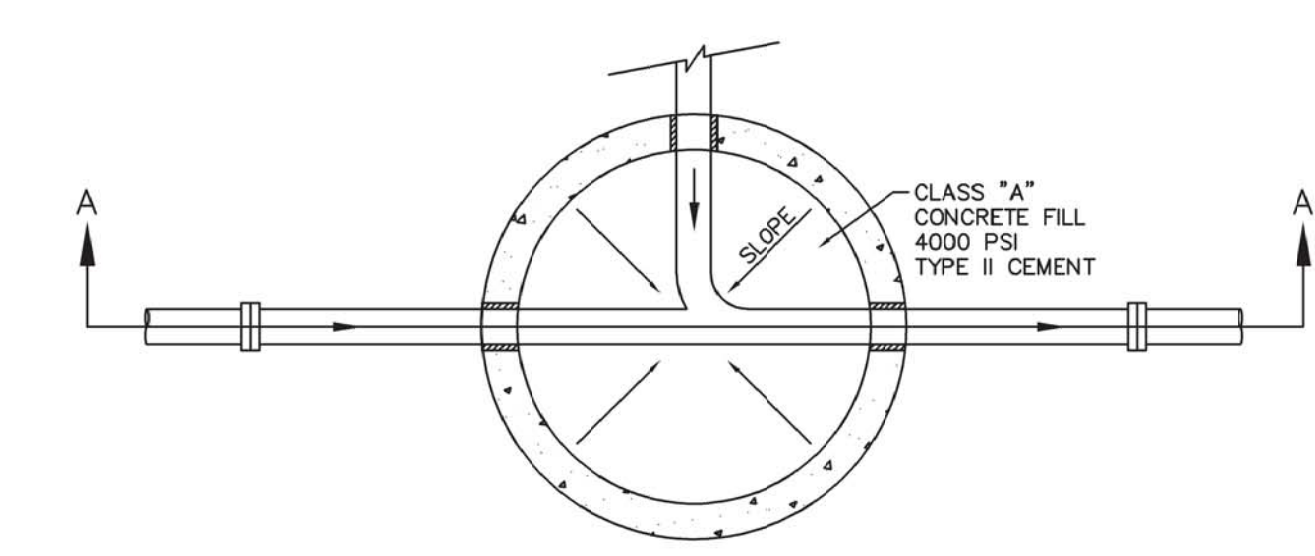
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PROJECT NAME:
SEWERSHED L SEWER EXPANSION
PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

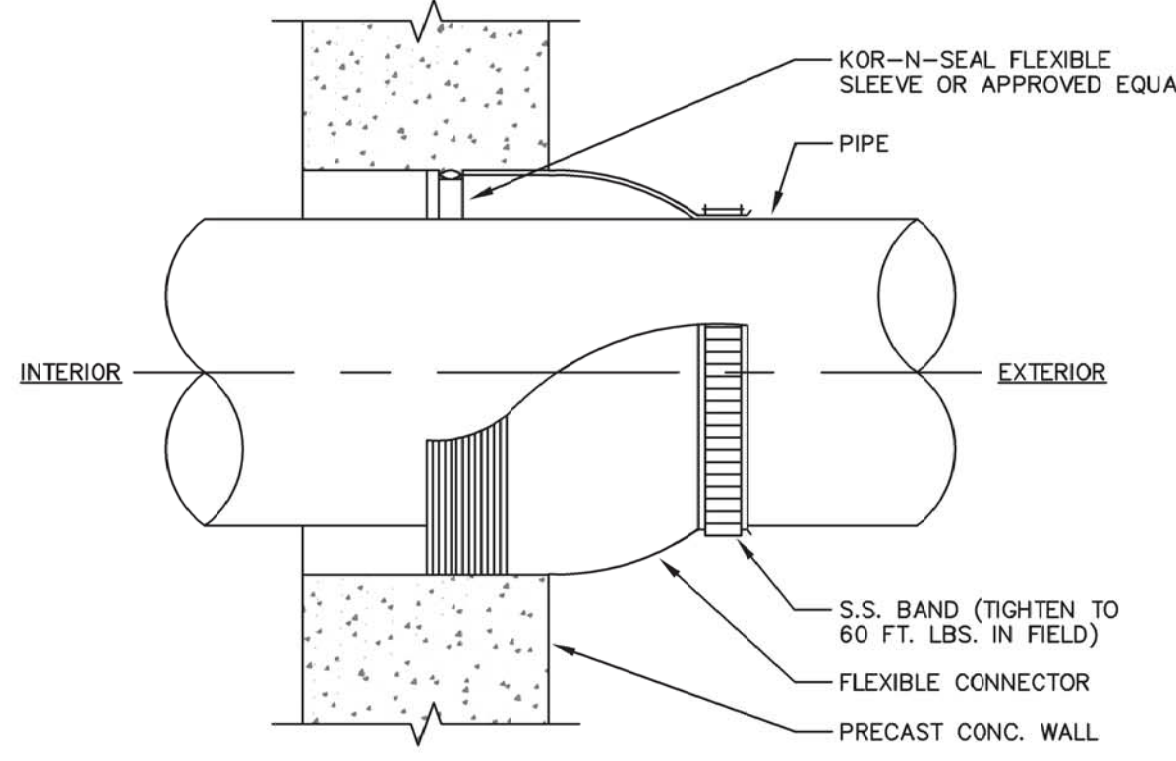
TITLE:
MISCELLANEOUS DETAILS
DISCIPLINE:
CIVIL

PROJECT ENGINEER:
MR
DESIGNED BY:
AC
DRAWN BY:
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CHECKED BY:
SH
PROJECT NO.
CE2871
JOB NO.
CE2871
DATE:
FEBRUARY 2022
SCALE:
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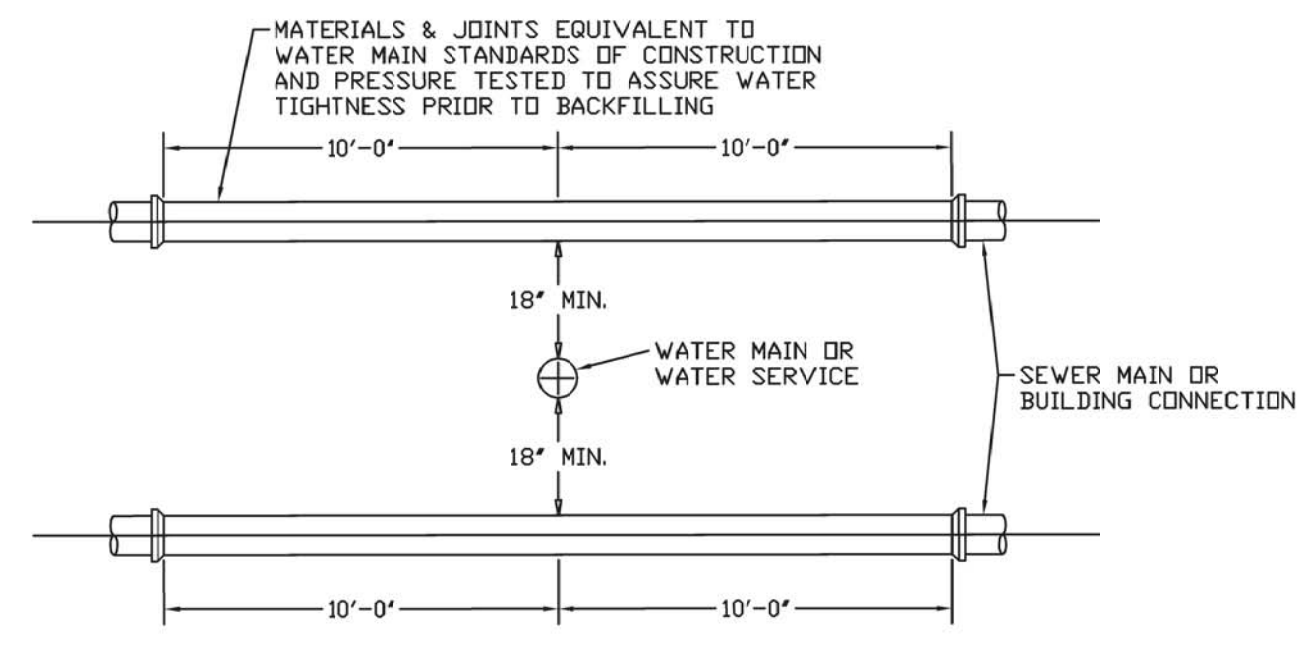
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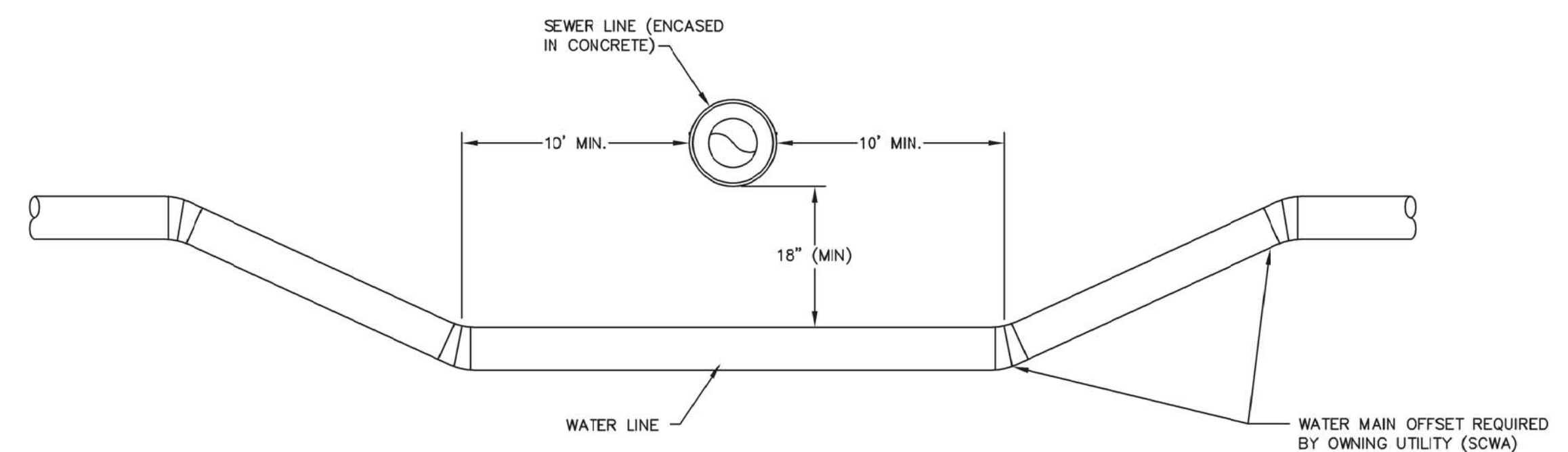
SECTION A-A
 SPECIFICATIONS FOR THE WET WELL LADDER AS PER SCDPW STANDARDS ARE AVAILABLE ON SHEET 4 OF 7 AT:
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2 KOR-N-SEAL SANITARY STRUCTURE PENETRATION DETAIL
 SCALE: N.T.S.

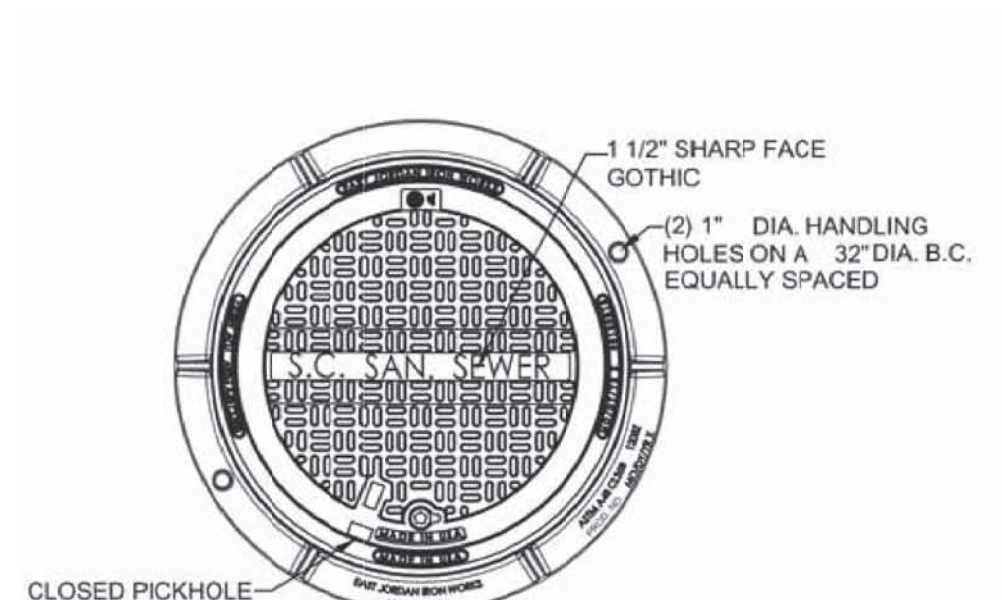


3 WATER-SEWER CROSSING DETAIL
 SCALE: N.T.S.



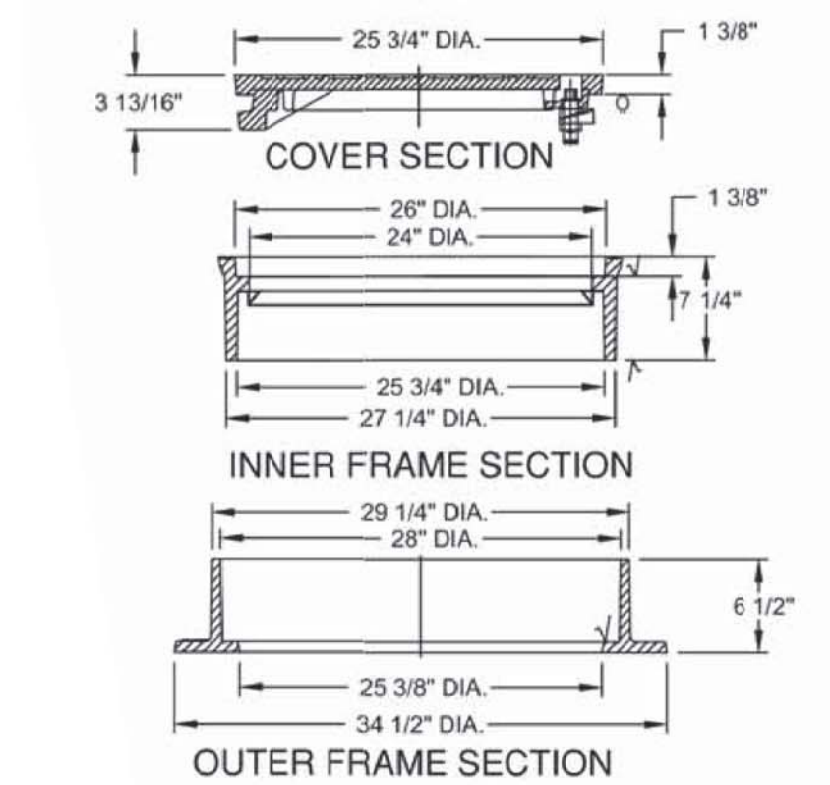
4 CROSSING OF WATER LINE UNDER SANITARY SEWER DETAIL
 SCALE: N.T.S.

1 5 FOOT DIAMETER SANITARY MANHOLE
 SCALE: N.T.S.

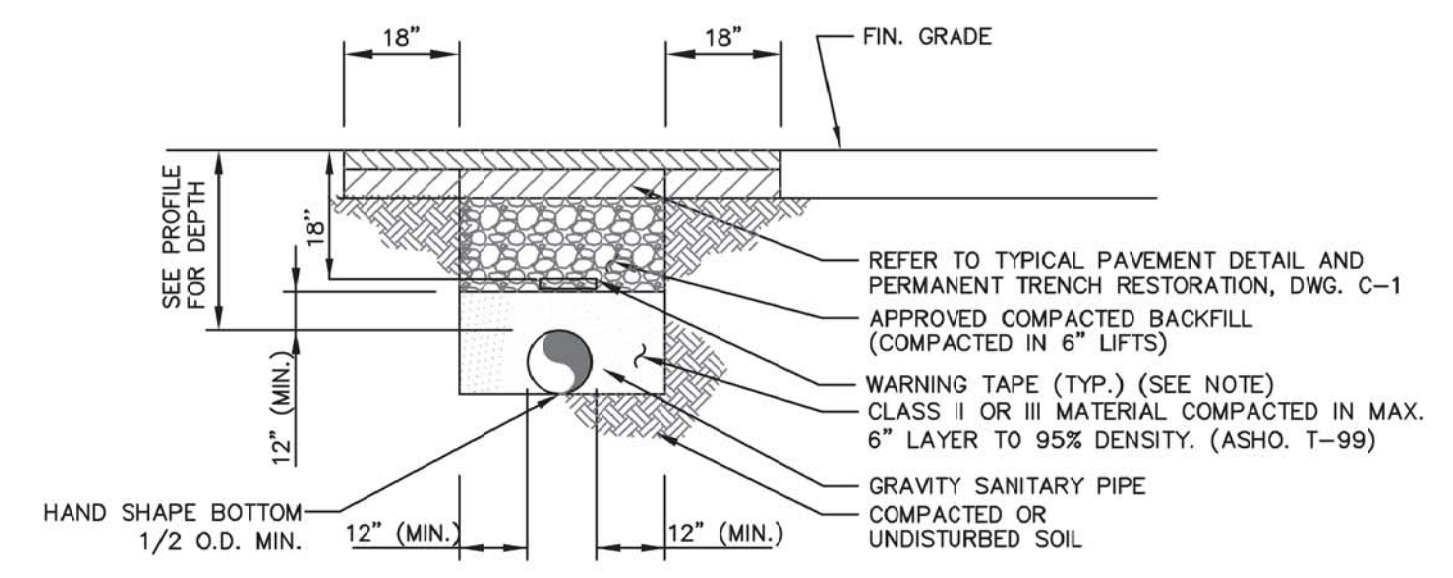


- DESIGN FEATURES**
- MATERIALS
 - COVER: GRAY IRON (C1358)
 - FRAME: GRAY IRON (C1358)
 - FRAME: GRAY IRON (C1358)
 - DESIGN LOAD: HEAVY DUTY
 - OPEN AREA: N/A
 - COATING: MILL FINISH
 - DESIGNATES: MACHINED SURFACE
 - CERTIFICATION: AASHTO
 - COUNTRY OF ORIGIN: USA

- MANHOLE GENERAL NOTES**
- WHERE ALLOWANCE IS MADE FOR ADJUSTMENTS OF CASTINGS ADEQUATE BEARING WILL BE PROVIDED USING CONCRETE BLOCK, BRICK AND MORTAR.
 - FOR WALL HEIGHTS 5' OR LESS, WALLS MAY BE SOLID CONCRETE.
 - FOR WALL HEIGHTS 5' OR GREATER, WALLS ARE TO BE EITHER CAST IN PLACE OR PRECAST CONCRETE.
 - SIZE AND LOCATION OF PIPES VARIABLE. REFER TO PLANS AND PROFILES FOR SPECIFIC PIPE AND INVERT DATA.
 - ALL POURED CONCRETE WALLS ARE TO BE DOWELED IN INTO BOTTOM SLABS IN UNREINFORCED WALLS, NO.4 DOWELS WILL BE SUBSTITUTED FOR VERTICAL CORNER BARS AND SHOULD BE EXTEND TO THE SAME AMOUNT VERTICALLY AS HORIZONTALLY.
 - NO RUNGS WILL BE REQUIRED FOR STRUCTURES 3' OR LESS IN DEPTH.



5 SCDPW TYPE F' MANHOLE CASTING AND COVER
 SCALE: N.T.S.



6 TYPICAL GRAVITY SEWER PIPE TRENCH DETAIL
 SCALE: N.T.S.

SEPARATELY BOUND SPECIFICATIONS ARE PART OF THIS CONTRACT

PLOT SCALE: CE2871 - Sog, hatched DESIGN/MISCELLANEOUS DETAILS (2).dwg, Date: February 7, 2022, Plotter: 24x36 PDF, Plotted by: Abhigya Camera

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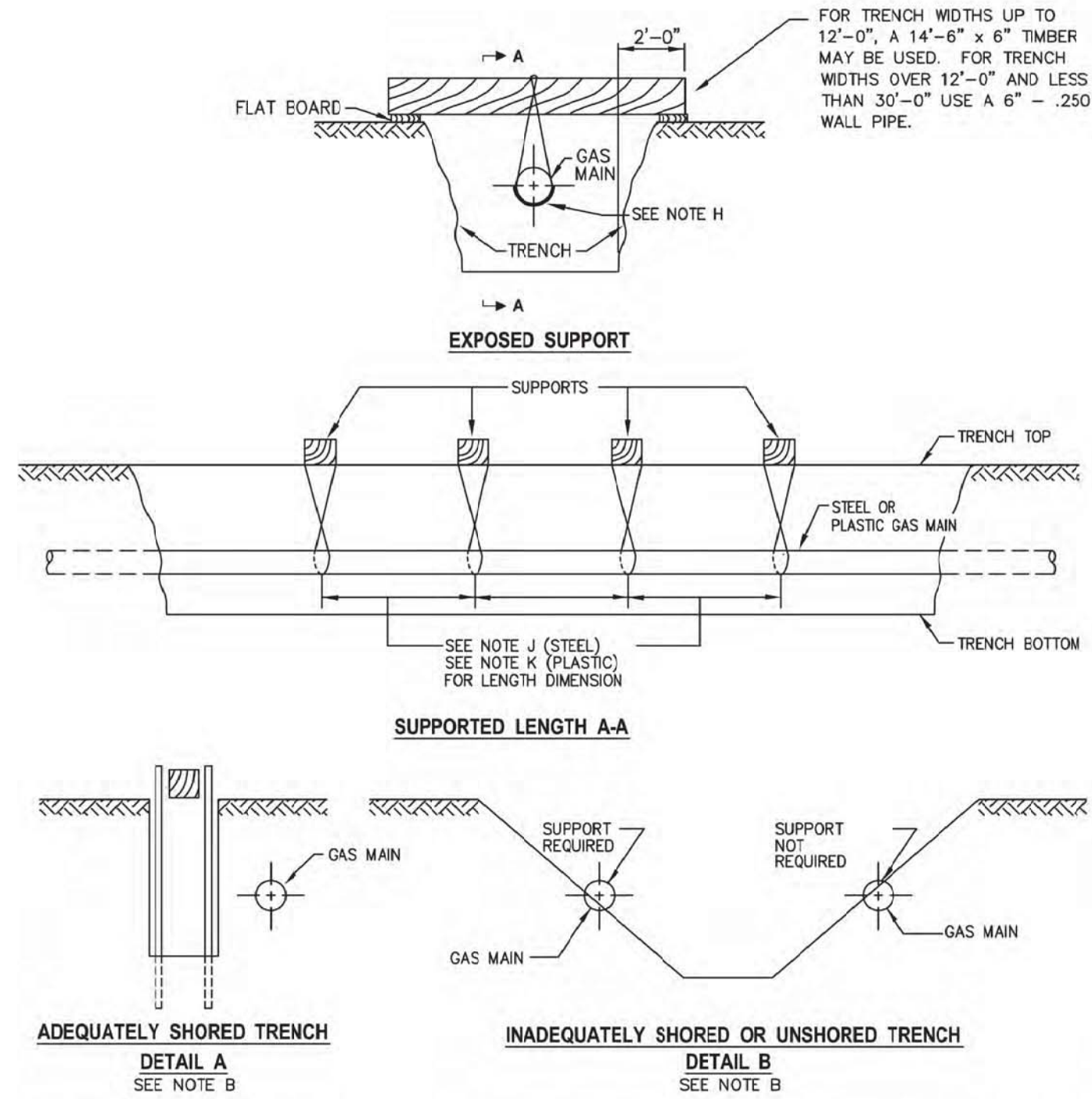
PROJECT NAME: **SEWERSHED L SEWER EXPANSION**
 PROJECT LOCATION: **VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963**

TITLE: **MISCELLANEOUS DETAILS (2)**
 DISCIPLINE: **CIVIL**

PROJECT ENGINEER: MR
 DESIGNED BY: AC
 DRAWN BY: AC
 CHECKED BY: SH

PROJECT NO. CE2871
 JOB NO. CE2871
 DATE: FEBRUARY 2022
 SCALE: AS SHOWN

DRAWING NO. **C-2**
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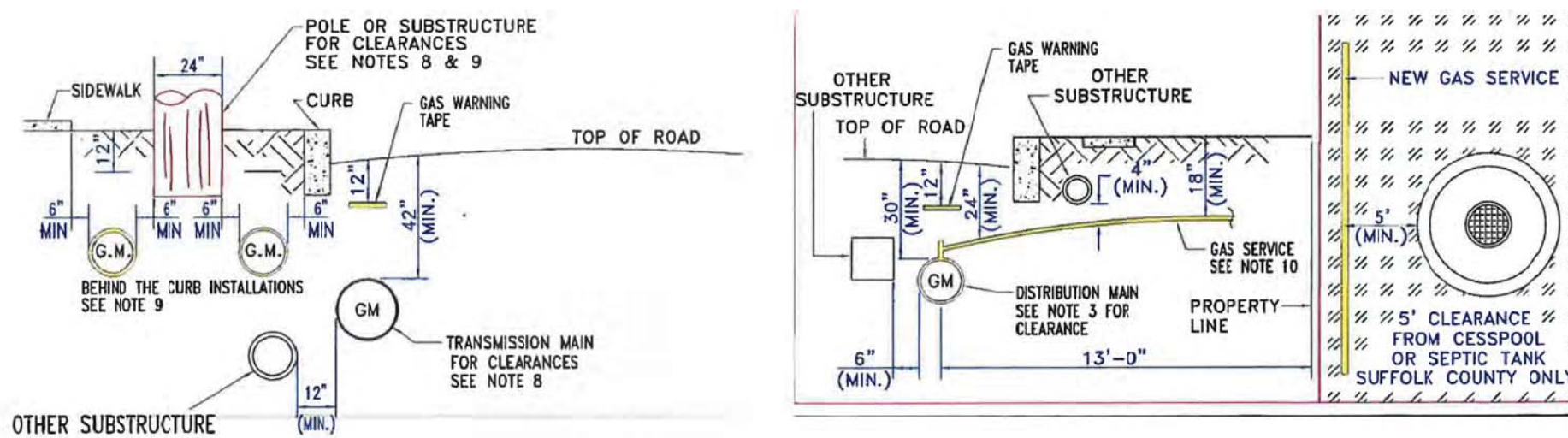
1 NATIONAL GRID SUPPORT REQUIREMENTS FOR EXPOSED & UNDERMINED STEEL OR PLASTIC GAS FACILITIES

- THIS CONSTRUCTION STANDARD SHALL BE USED TO SUPPORT PLASTIC OR STEEL GAS FACILITIES WHICH ARE UNDERMINED AND EXPOSED BY CONSTRUCTION ACTIVITY.
- IF AN EXCAVATION IS MADE AT ANY DISTANCE PARALLEL TO THE GAS FACILITY WITH ADEQUATE OSHA STRUCTURAL SHORING, AS SHOWN IN DETAIL "A" OR IF A STABLE SOIL CONDITION WITH SUFFICIENT COVER ABOVE THE PIPE'S CENTERLINE EXISTS, AS SHOWN IN DETAIL "B", THEN SUPPORTS ARE NOT REQUIRED. UNSTABLE SOIL IS DEFINED AS A SOIL WHICH CAN CAUSE "SOIL RUN OUT" FROM BENEATH THE PIPE (E.G., WASHOUT, SOFT CLAY, ETC.) OR CAN SHIFT DUE TO CONSTRUCTION ACTIVITY, VIBRATIONS, ETC.; AND CAUSE A SOIL SCENARIO TO OCCUR AS SHOWN IN DETAIL "B" TO REQUIRE PIPE SUPPORT.
- IF AN EXCAVATION CROSSES OR RUNS PARALLEL TO A GAS FACILITY, SUPPORTS MAY NOT BE REQUIRED IF THE EXPOSED SECTION OF PLASTIC PIPES OR 3' (THREE FEET) OR LESS AND STEEL PIPES 7' (SEVEN FEET) OR LESS.
- ALL EXCAVATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONE CALL DIG SAFE PROGRAM USING THE APPROPRIATE MARK OUT, TEST HOLES AND EXCAVATION TO AVOID DAMAGE TO PIPE OR PIPE COATINGS:
 - NEW YORK STATE CODE RULE 753
 - MA CHAPTER 82 - SECTION 40, GENERAL LAWS, REGULATING NOTICE REQUIREMENTS FOR EXCAVATION IN PUBLIC WAYS
 - NH DIG SAFE LAW, RSA 374 - REGULATING UNDERGROUND UTILITY DAMAGE PREVENTION SYSTEM
- USE OF THIS CONSTRUCTION STANDARD DOES NOT RELIEVE THE CONSTRUCTION AGENCY OR AUTHORITY OF THEIR RESPECTIVE CONTRACTORS OF RESPONSIBILITY FOR DAMAGES. ALL DAMAGES WILL BE REPAIRED IN ACCORDANCE WITH EXISTING STANDARDS AND THE APPROPRIATE PARTY SHALL BE BILLED FOR ALL EXPENSES.
- GAS FACILITIES SHOULD NOT BE UNDERMINED WITHOUT ADEQUATE SUPPORT (DETAIL A). ALL SUPPORT LINES SHALL BE TENSIONED SO THAT NO DEFLECTION WILL OCCUR WHEN THE FACILITY IS UNDERMINED. THIS TENSION SHALL BE CHECKED AT THE START AND END OF EACH DAY AND ADJUSTED AS NECESSARY.
- WHERE A COUPLING, GAS SERVICE, CLAMP, VALVE, DRIP LINE OR ANOTHER APPURTENANCE EXISTS ON THE EXPOSED SECTION OF MAIN, AN ADDITIONAL SUPPORT SHALL BE INSTALLED AT THE LOCATION.
- WHEN SUPPORTING AN EXPOSED FACILITY, THE PIPE COATING SHALL BE PROTECTED WITH ROCK SHIELD (ITEM ID 00301097), OR OTHER LIKE MATERIAL CUT TO A MINIMUM WIDTH OF 1/2 THE SUPPORTED PIPE DIAMETER. SUPPORT LINES SHALL BE A MINIMUM OF 3/4" POLYPROPYLENE OR BETTER.
- SUPPORTS FOR GAS TRANSMISSION FACILITIES SHALL BE REVIEWED WITH GAS ENGINEERING PRIOR TO INSTALLATION.
- THE MAXIMUM SPACING BETWEEN SUPPORTS FOR STEEL FACILITIES SHALL BE AS FOLLOWS:
 - 7' SPACING FOR 3/4" AND 1 1/2" STEEL
 - 10' SPACING FOR 2" STEEL
 - 15' SPACING FOR 3" AND 4" STEEL
 - 20' SPACING FOR 6" AND LARGER STEEL
- THE MAXIMUM SPACING BETWEEN SUPPORTS FOR PLASTIC FACILITIES SHALL BE AS FOLLOWS:
 - 3' SPACING FOR 2" AND SMALLER PLASTIC
 - 6" SPACING FOR 4" AND LARGER PLASTIC
- VIBRATING MACHINES ARE ALLOWED OVER STEEL OR PLASTIC FACILITIES WITH 24" OR GREATER COVER. HAND HELD MECHANICAL TAMPERS IS ACCEPTABLE OVER ANY FACILITY WITH 12" OR GREATER COVER.
- WHEN CONSTRUCTION ACTIVITY IS COMPLETED, CLEAN FILL SHALL BE COMPACTED AROUND AND UNDER THE GAS FACILITY BEFORE REMOVING SUPPORTS.
- SEE REGIONAL PBW5010 PROCEDURES FOR REPLACEMENT REQUIREMENTS OF CAST IRON PIPE.

2 NATIONAL GRID PLACEMENT DEPTH OF COVER AND CLEARANCES GAS MAINS AND SERVICES

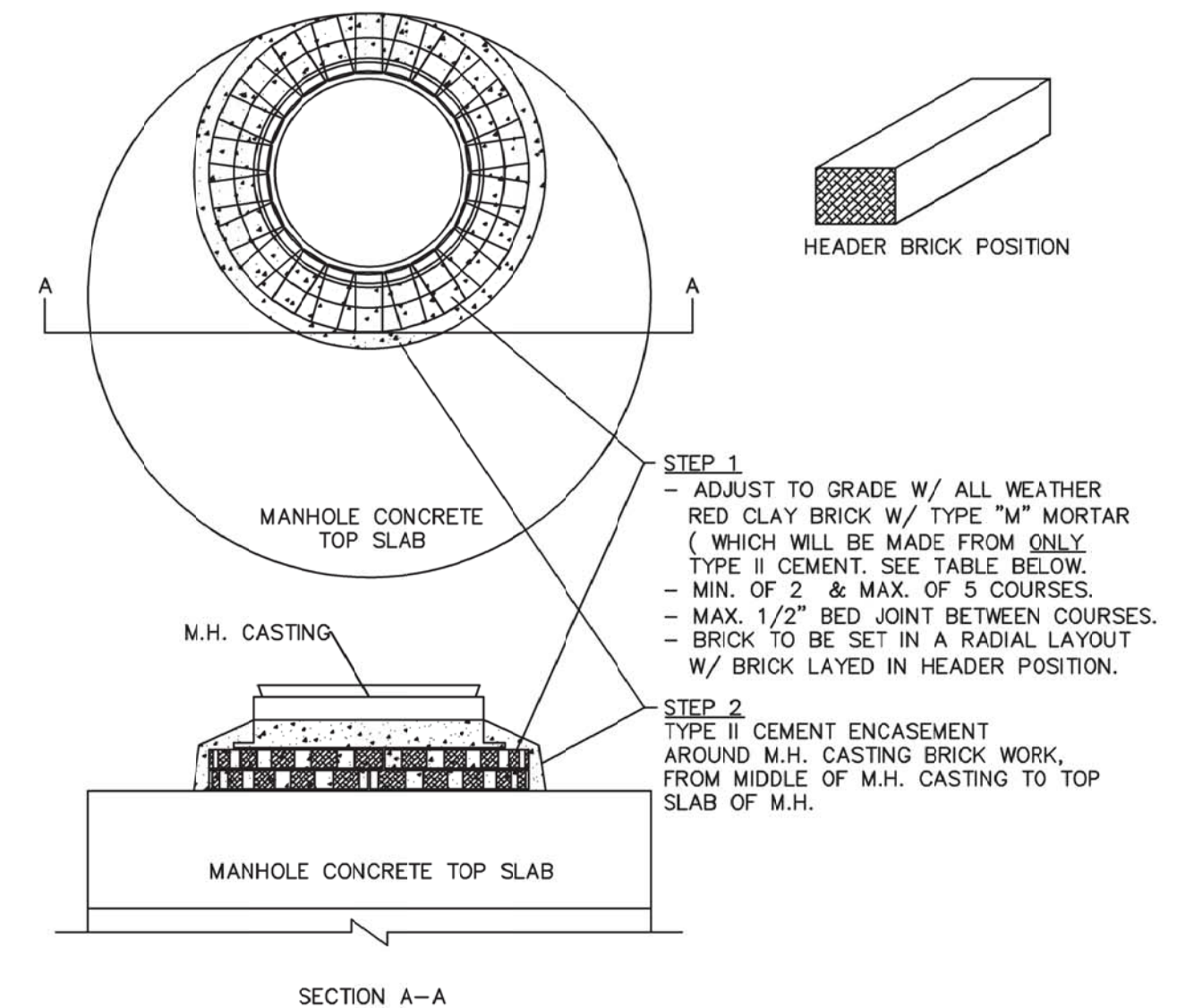
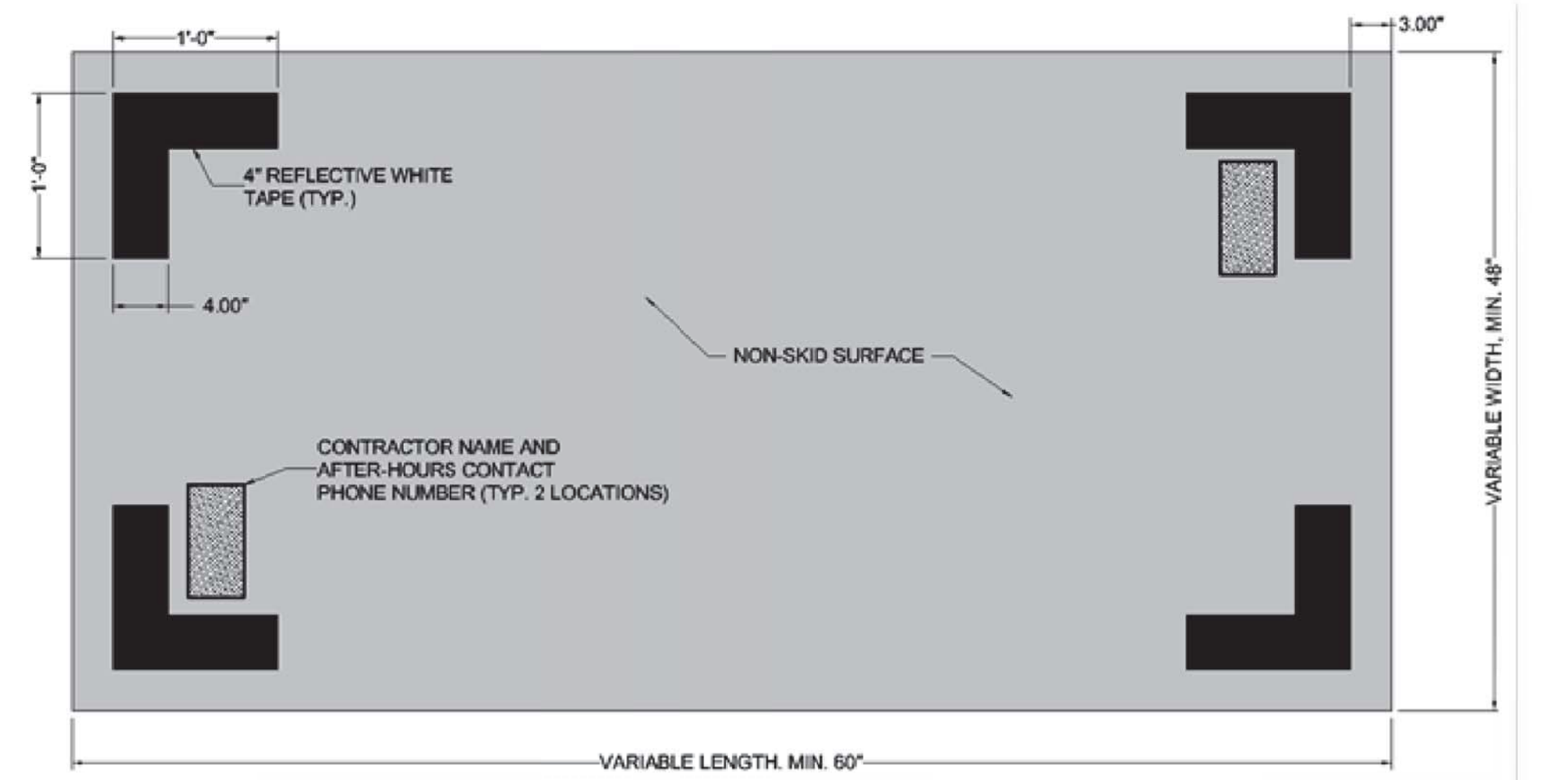
- THIS CONSTRUCTION STANDARD SETS FORTH THE MINIMUM COVER AND CLEARANCE REQUIREMENTS FOR GAS TRANSMISSION, DISTRIBUTION AND SERVICE PIPING.
- ALL GAS FACILITIES SHALL BE INSTALLED WITH THE FOLLOWING MINIMUM COVER:
 - TRANSMISSION MAINS 42"
 - DISTRIBUTION MAINS 30"
 - SERVICES ON PUBLIC ROADS 24"
 - SERVICES ON PRIVATE PROPERTY 18"

a. WARNING TAPE (ITEM 00390013) SHALL BE INSTALLED APPROXIMATELY ONE (1) FOOT BELOW GRADE ABOVE THE MAIN OR SERVICE ON ALL OPEN TRENCHES.
- ONLY WHERE AN UNDERGROUND STRUCTURE PREVENTS THE INSTALLATION OF GAS FACILITIES WITH THIS MINIMUM COVER MAY IT BE REDUCED TO THE FOLLOWING EXCEPTION:
 - TRANSMISSION MAINS 36"
 - DISTRIBUTION MAINS 24"
 - SERVICES 18"
- LESS COVER THAN THE EXCEPTION SPECIFIED IN NOTE 3 ABOVE IS NOT PERMITTED UNLESS THE FOLLOWING IS APPLIED:
 - TRANSMISSION MAINS: GAS ENGINEERING HAS APPROVED ADDITIONAL PROTECTION TO WITHSTAND THE ANTICIPATED EXTERNAL LOADS.
 - DISTRIBUTION MAINS: WHERE AN EXISTING MAIN IS BEING TUBED/INSERTED AND THE OPEN SECTIONS ARE PROPERLY BRIDGED WITH A SLEEVE, THE DEPTH OF COVER MAY BE 18". THE ENDS OF THE NEW MAIN THAT EXIT AND ENTER THE EXISTING GAS MAIN (SLEEVE) SHALL ALSO HAVE END SEALS INSTALLED TO PROTECT THE MAINS.
 - SERVICES: A NEW SERVICE MAY BE INSERTED INTO AN EXISTING SERVICE AT ITS EXISTING DEPTH.
 - GAS PIPE MAY BE INSTALLED THROUGH CULVERTS, LEACHING FIELDS AND CATCH BASINS, PROVIDED THE CARRIER PIPE IS INSTALLED IN A SLEEVE.
- ALL GAS PIPING THAT IS TO BE INSTALLED ON LAND THAT HAS BEEN FARMED AT ANY TIME, OR IN A NAVIGABLE RIVER, STREAM OR HARBOR, OR WILL BE SUSPENDED FROM ANY BRIDGE SHALL BE REVIEWED AND APPROVED BY GAS ENGINEERING.
- PLASTIC PIPE SHALL NEVER BE INSTALLED ABOVE GROUND.
- FOR CASING AND VENT REQUIREMENTS FOR MAINS AND SERVICES REFER TO MAIN-6060
- ALL TRANSMISSION MAINS SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 12" FROM ANY OTHER SUBSTRUCTURE NOT ASSOCIATED WITH THE MAIN. WHEN THIS CLEARANCE CANNOT BE OBTAINED, CONTACT GAS ENGINEERING FOR ADDITIONAL REQUIREMENTS. AT NO TIME SHALL THE CLEARANCE BE LESS THAN 4".
- ALL DISTRIBUTION MAINS SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 6" FROM ANY OTHER SUBSTRUCTURE NOT ASSOCIATED WITH THE MAIN. FOR ADDITIONAL INFORMATION SEE "PLACEMENT OF GAS DISTRIBUTION FACILITIES IN ROAD AND SIDEWALK AREAS AND CLEARANCES FROM OTHER SUBSURFACE STRUCTURES" SERVICE INSTALLATIONS REQUIRE A 4" MINIMUM CLEARANCE. WHEN INSTALLS ELECTRIC FACILITIES IN A COMMON TRENCH WITH GAS FACILITIES, STYROFOAM PADS (ITEM ID 00301103) SHOULD BE USED TO HELP MAINTAIN THE MINIMUM CLEARANCE REQUIRED. THESE PADS SHOULD BE STRATEGICALLY PLACED ALONG THE MAINS AND SERVICES AND HELP MAINTAIN CLEARANCES ESPECIALLY THE SERVICE CROSSOVER POINTS AND AT TURNS IN THE MAIN OR SERVICE. WHEN THIS CLEARANCE CANNOT BE OBTAINED, FIBERGLASS PIPE SHIELD (4", ITEM ID 00301096; 6", ITEM ID 00301099; 8", ITEM ID 00301100; 12", ITEM ID 00301101), A PLASTIC SLEEVE, ROCKSHIELD (ITEM ID 00301097), TARA SHIELD, CUT BUCKET LINERS, STYROFOAM BLOCKS OR OTHER APPROVED MATERIAL SHALL BE USED TO PROTECT THE MAIN AND ITS COATING FROM DAMAGE OR ELECTRICAL CONTINUITY. AT NO TIME SHALL THE CLEARANCE BE LESS THAN 4".
- GAS WARNING TAPE SHALL BE INSTALLED 12" BELOW GRADE, ABOVE THE MAIN & SERVICE ON ALL OPEN TRENCHING.
- IN SUFFOLK COUNTY, ALL NEW SERVICES SHALL HAVE A MINIMUM CLEARANCE OF 5' FROM ALL CESSPOOLS OR SEPTIC TANKS.



3 STEEL PLATE DETAIL

SEE "SCDPW REQUIREMENTS FOR THE USE OF STEEL PLATES FOR OPEN TRENCHES" ON DRAWING G-2



NOTE: TWO AIR ENTRAINING MATERIALS SHALL NOT BE COMBINED IN MORTAR.

MORTAR	TYPE	PROPORTIONS BY VOLUME (CEMENTITIOUS MATERIALS)						AGGREGATE RATIO (MEASURE IN DAMP, LOOSE CONDITIONS)
		PORTLAND CEMENT	MORTAR CEMENT	MAXIMUM CEMENT	HYDRATED LIME	OR LIME PUTTY		
CEMENT LIME	M	1	0	0	0	0	1/4	NOT LESS THAN 2 1/4" & NOT MORE THAN 3 TIMES THE SUM OF THE SPREADS OF CEMENTITIOUS MATERIALS
MORTAR CEMENT	M	1	0	0	1	0	0	
M	1	0	0	0	0	0	0	
MASONRY CEMENT	M	1	0	0	0	0	1	
M	1	0	0	0	1	0	0	

4 INSTALLATION OF CASTING TO MANHOLE DETAIL

SEPARATELY BOUND SPECIFICATIONS ARE PART OF THIS CONTRACT

PLOT BEANDED: CE2871 - See: hatched DESIGN/MISCELLANEOUS DETAILS (3).dwg. Date: February 7, 2022. Plotter: 24x36 PDF, Plotted by: Alhaghe Camera

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PROJECT NAME:
SEWERSHED L SEWER EXPANSION

PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

TITLE:
MISCELLANEOUS DETAILS (3)

DISCIPLINE:
CIVIL

PROJECT ENGINEER:
MR

DESIGNED BY:
AC

DRAWN BY:
AC

CHECKED BY:
SH

PROJECT NO.
CE2871

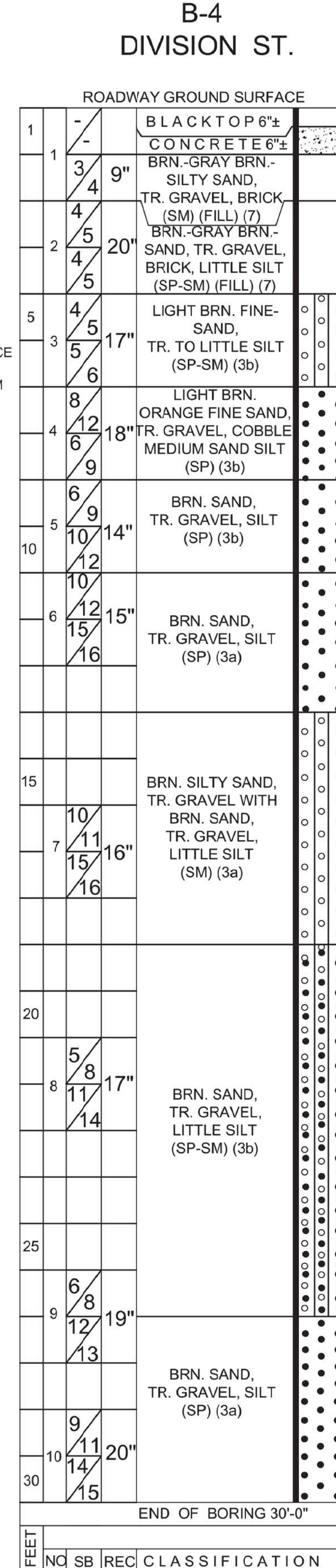
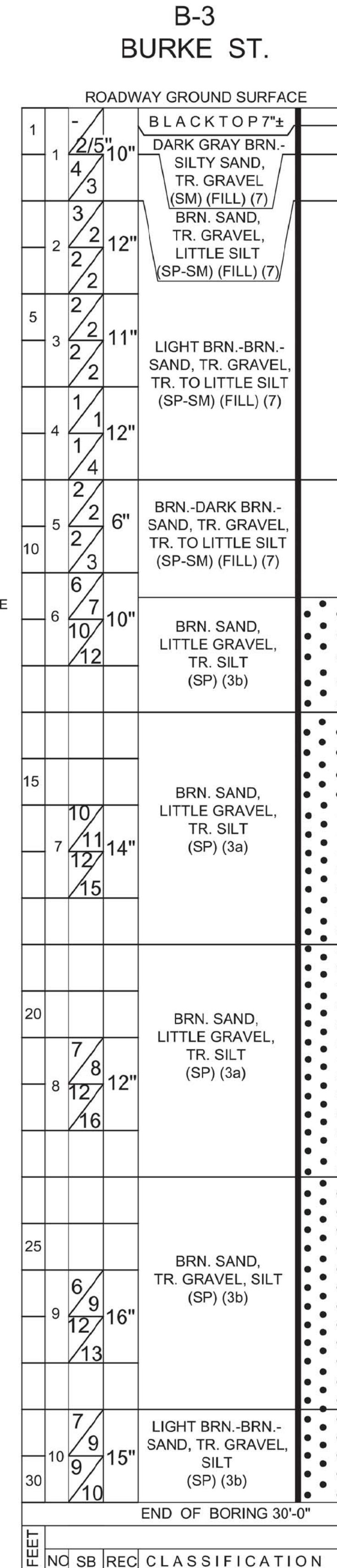
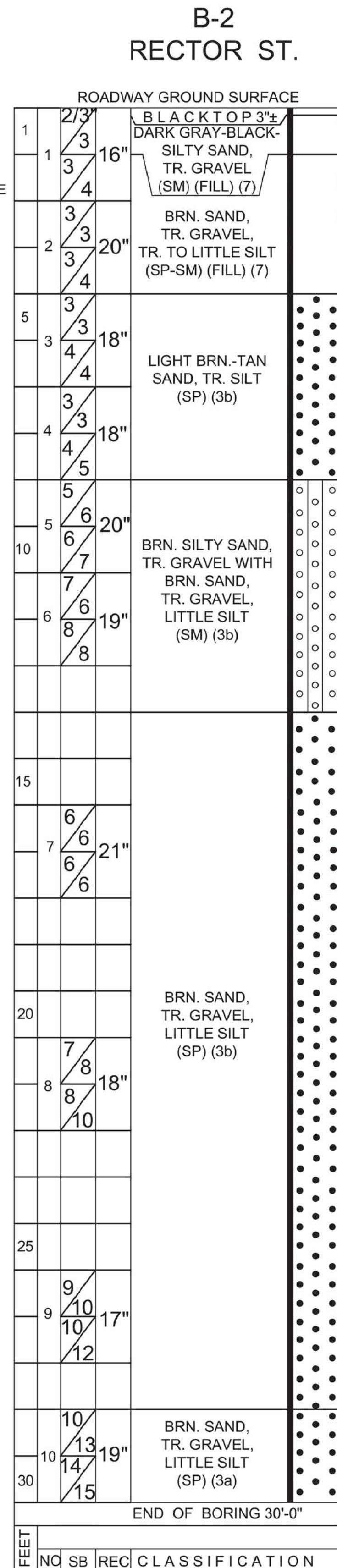
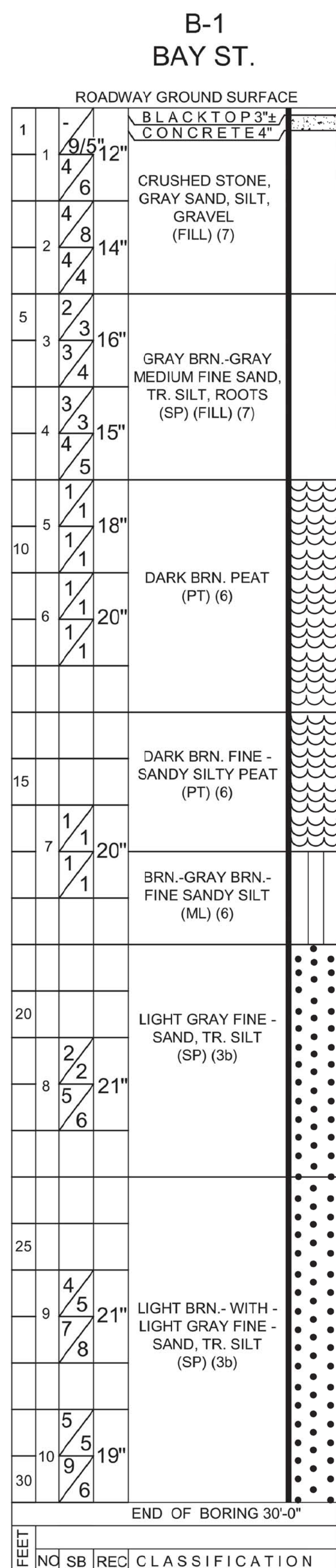
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CE2871

DATE:
FEBRUARY 2022

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DRAWING NO.
C-3

of 4



UNIFIED SOIL CLASSIFICATION	
SOIL GROUPS	TYPICAL NAMES AND SOIL SYMBOLS
1a Thru 1d	BED ROCK
GW	WELL GRADED GRAVELS, GRAVEL SAND MIXTURES, LITTLE OR NO FINES
GP	POORLY GRADED GRAVELS OR GRAVEL SAND MIXTURES, LITTLE OR NO FINES
GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURE
GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURE
SW	WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
SM	SILTY SANDS, SAND - SILT MIXTURES
SC	CLAYEY SANDS, SAND - CLAY MIXTURES
ML	INORGANIC SILTS, VERY FINE SANDS, CLAYEY SILTS, SLIGHT PLASTICITY
CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS SANDY CLAYS, SILTY CLAYS
OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SILTS, ELASTIC SILTS
CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS

ALLOWABLE SOIL BEARING PRESSURES, N.Y.C. BLDG. CODE TABLE 1804.1		
CLASS OF MATERIALS (Notes 1 and 3) *	MAXIMUM ALLOWABLE FOUNDATION PRESSURE (TSF)	MAXIMUM ALLOWABLE FOUNDATION PRESSURE (kPa)
1. BEDROCK (NOTES 2 and 7) *		
1a HARD SOUND ROCK - GNEISS, DIABASE, SCHIST	60	5,746
1b MEDIUM HARD ROCK - MARBLE, SERPENTINE	40	3,830
1c INTERMEDIATE ROCK - SHALE, SANDSTONE	20	1,915
1d SOFT ROCK - WEATHERED ROCK	8	766
2. SANDY GRAVEL & GRAVEL (GW, GP) (NOTES 3, 4, 8, and 9) *		
2a DENSE	10	958
2b MEDIUM	6	575
3. GRANULAR SOILS (GC, GM, SW, SP, SM, & SC) (NOTES 4, 5, 8, and 9) *		
3a DENSE	6	575
3b MEDIUM	3	287
4. CLAYS (SC, CL, & CH) (NOTES 4, 6, 8, and 9)		
4a HARD	5	479
4b STIFF	3	287
4c MEDIUM	2	192
5. SILTS & SILTY SOILS (ML & MH) (NOTES 4, 8, and 9) *		
5a DENSE	3	287
5b MEDIUM	1.5	144
6. ORGANIC SILTS, ORGANIC CLAYS, PEATS, SOFT CLAYS, LOOSE GRANULAR SOILS, & VARVED SILTS	SEE 1804.2.1 *	SEE 1804.2.1 *
7. CONTROLLED & UNCONTROLLED FILLS	SEE 1804.2.2 OR 1804.2.3 *	SEE 1804.2.2 OR 1804.2.3 *

* REFER TO SECTION 1804.2 OR NOTES FOLLOWING TABLE 1804.1 IN THE N.Y.C. BLDG. CODE FOR ADDITIONAL INFORMATION			
COMPACTION RELATED TO SPOON BLOWS PER FOOT			
SAND & SILT		CLAY	
LOOSE	LESS THAN 10	SOFT	4 OR LESS
MEDIUM	10 TO 30	MEDIUM	GREATER THAN 8 TO 30
DENSE	GREATER THAN 31	HARD	GREATER THAN 30

"N" STANDARD PENETRATION TEST - ASTM 1586	
2" SPOON, 140lb HAMMER @ 30" FALL	
SPOON BLOW COUNT IS GENERALLY SHOWN IN 6" INCREMENTS FOR 2' DRIVE TO OBTAIN BLOWS PER FOOT (N) USE THE 2ND & 3RD 6" INCREMENT	
	ROTARY CASING
	EXTRA HEAVY CASING
	SAMPLE SPOON
SIZES, INCHES	2.5
HAMMER WEIGHT, POUNDS	140
HAMMER FALL, INCHES	30

CB - CASING BLOWS PER 1 FOOT DRIVE	UD - UNDISTURBED SOIL SAMPLE
NO - SAMPLE NUMBER	
SB - SPOON BLOWS PER 6 INCH DRIVE	FEET - DEPTH FROM GND. SUR. NOTED AT EACH 5'
P - PUSHED BY WEIGHT OF HAMMER	WOH - WEIGHT OF HAMMER
WOR - WEIGHT OF ROD	REC - SOIL RECOVERY IN INCHES

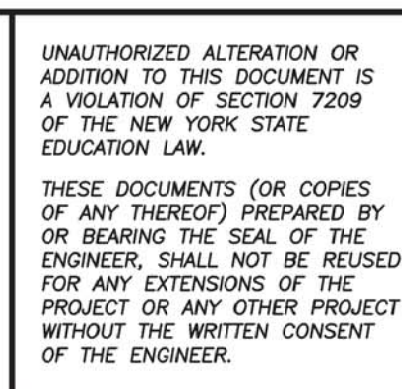
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PROJECT NAME:
SEWERSHED L SEWER EXPANSION

PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

TITLE:
SOIL BORING LOGS

DISCIPLINE:
CIVIL

PROJECT ENGINEER:
MR

DESIGNED BY:
AC

DRAWN BY:
AC

CHECKED BY:
SH

PROJECT NO.
CE2871

JOB NO.
CE2871

DATE:
FEBRUARY 2022

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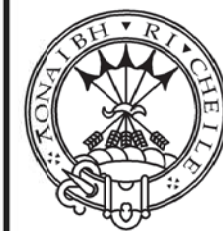
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PROJECT LOCATION:
**VILLAGE OF SAG HARBOR
 SUFFOLK COUNTY, NY 11963**

TITLE:
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DISCIPLINE:
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DRAWN BY:
 AC

CHECKED BY:
 SH

PROJECT NO.
 CE2871

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 CE2871

DATE:
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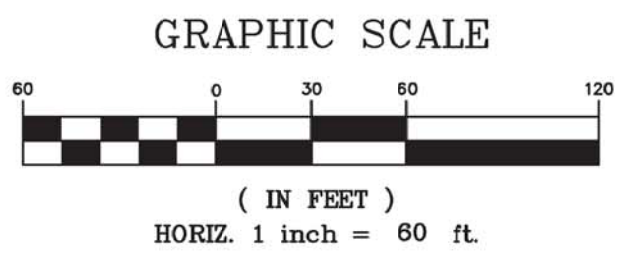
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 SEWER EXPANSION**

PROJECT LOCATION:
**VILLAGE OF SAG HARBOR
 SUFFOLK COUNTY, NY 11963**

TITLE:
ALIGNMENTS

DISCIPLINE:
CIVIL

PROJECT ENGINEER: MR	PROJECT NO. CE2871	DRAWING NO. MT-3
DESIGNED BY: AC	JOB NO. CE2871-2023-09	DRAWING MT-3 of 4
DRAWN BY: AC	DATE: FEBRUARY 2023	
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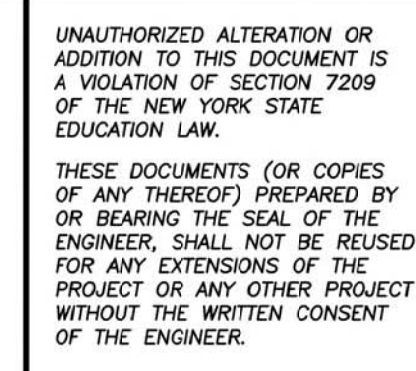


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PROJECT NAME:
**SEWERSHED L
SEWER EXPANSION**

PROJECT LOCATION:
**VILLAGE OF SAG HARBOR
SUFFOLK COUNTY, NY 11963**

TITLE:
OVERALL PLAN SEWER SHED 'L'

DISCIPLINE:
CIVIL

PROJECT ENGINEER:
MR

DESIGNED BY:
AC

DRAWN BY:
AC

CHECKED BY:
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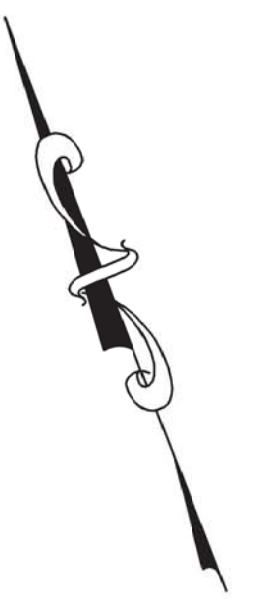
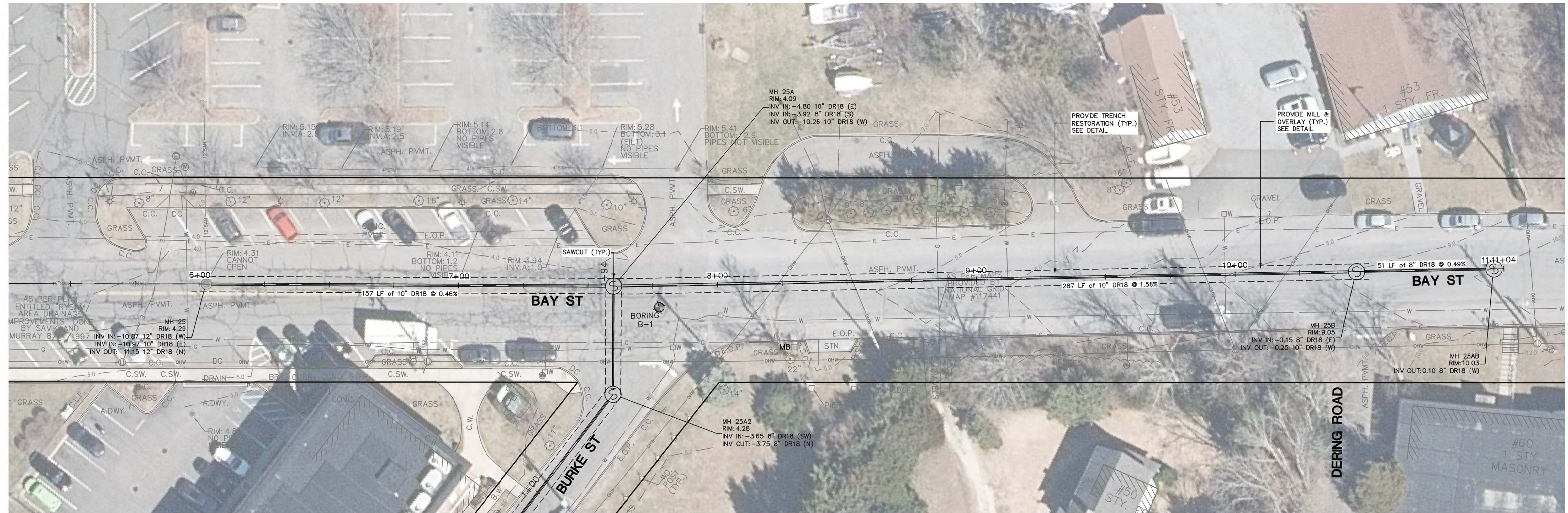
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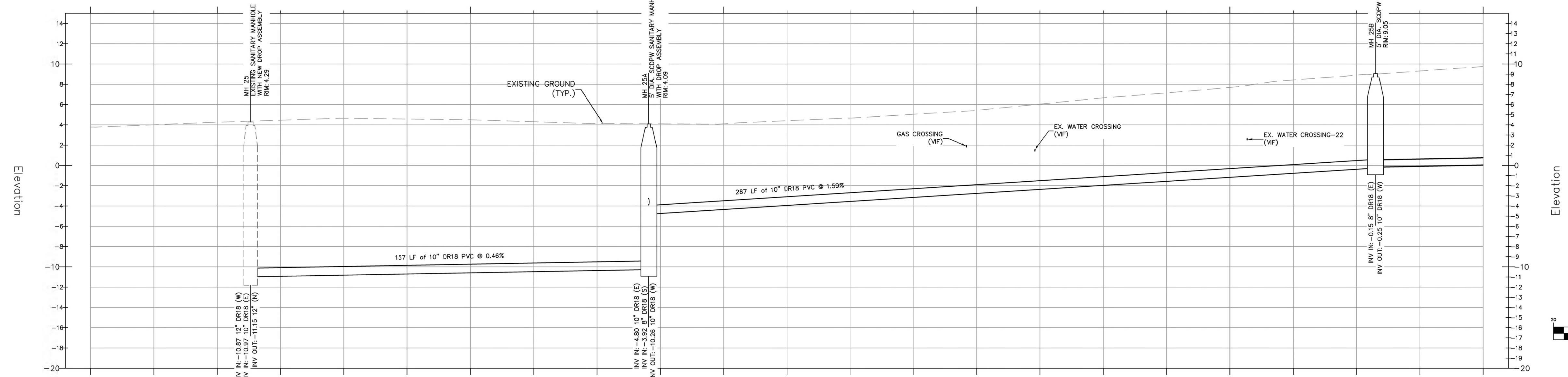
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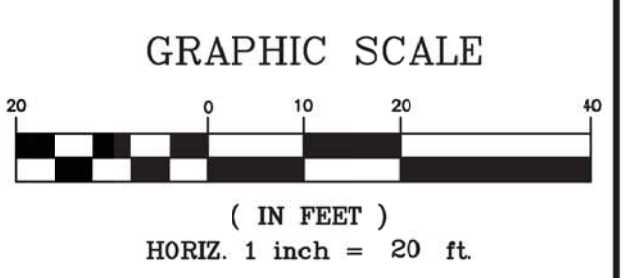


HORIZ SCALE 1" = 20'
 VERT SCALE 1" = 5'

Station



Elevation



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 www.CameronEngineering.com

T: (516) 827-4908
 T: (212) 321-8000
 T: (914) 721-8000
 CCM/PRG/EJT

PROJECT NAME:
**SEWERSHED L
 SEWER EXPANSION**

PROJECT LOCATION:
**VILLAGE OF SAG HARBOR
 SUFFOLK COUNTY, NY 11963**

TITLE:
**BAY STREET SANITARY SEWER
 PLAN AND PROFILE**

DISCIPLINE:
 CIVIL

PROJECT ENGINEER:
 MR

DESIGNED BY:
 AC

DRAWN BY:
 AC

CHECKED BY:
 SH

PROJECT NO.
 CE2871

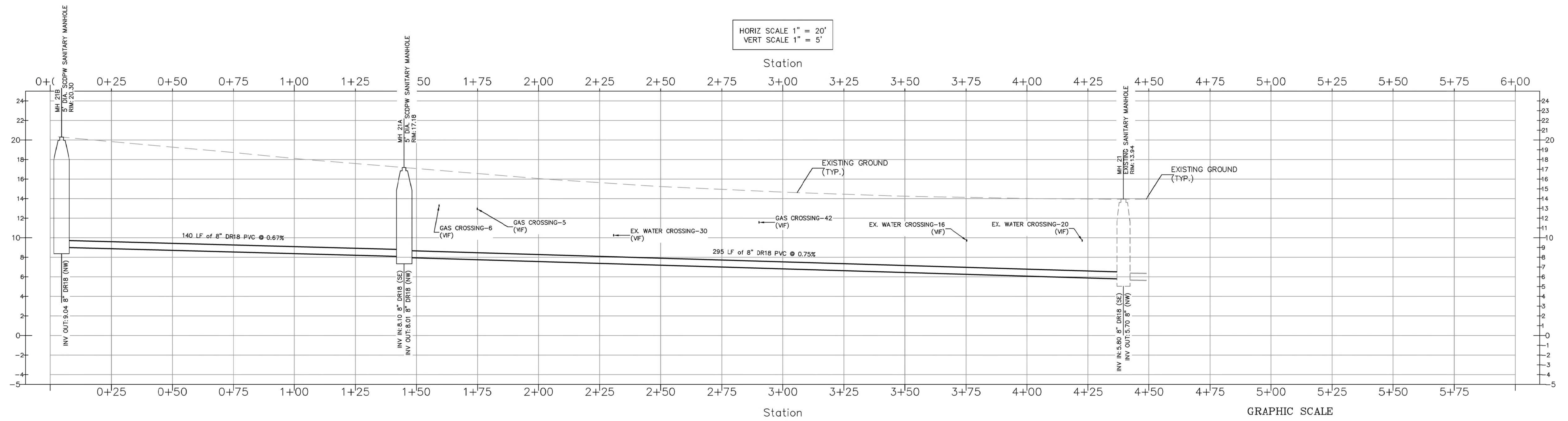
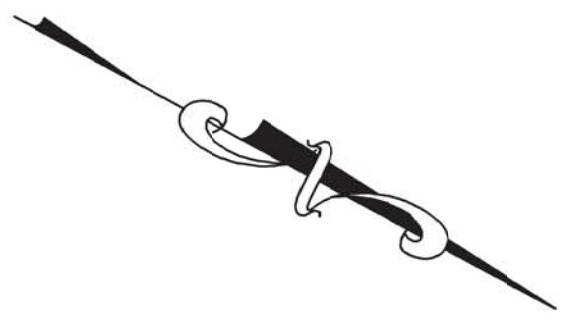
JOB NO.
 CE2871

DATE:
 FEBRUARY 2022

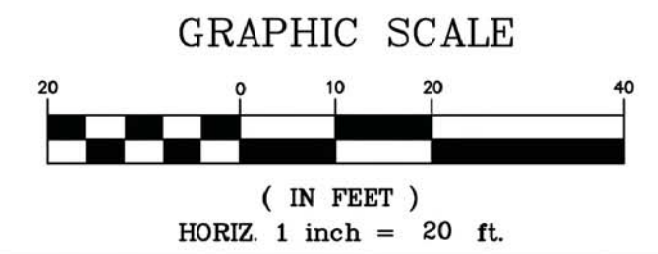
SCALE:
 AS SHOWN

DRAWING NO.
SS-2

DRAWING
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HORIZ SCALE 1" = 20'
VERT SCALE 1" = 5'



SEPARATELY BOUND SPECIFICATIONS ARE PART OF THIS CONTRACT

PLOT SCALE: CE2871 - See Harbor Design/BAY STREET SANITARY SEWER.DWG, Date: February 7, 2022, Plotter: 24x36 PDF, Plotted by: Altaggia Comoro

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PROJECT NAME:
SEWERSHED L SEWER EXPANSION

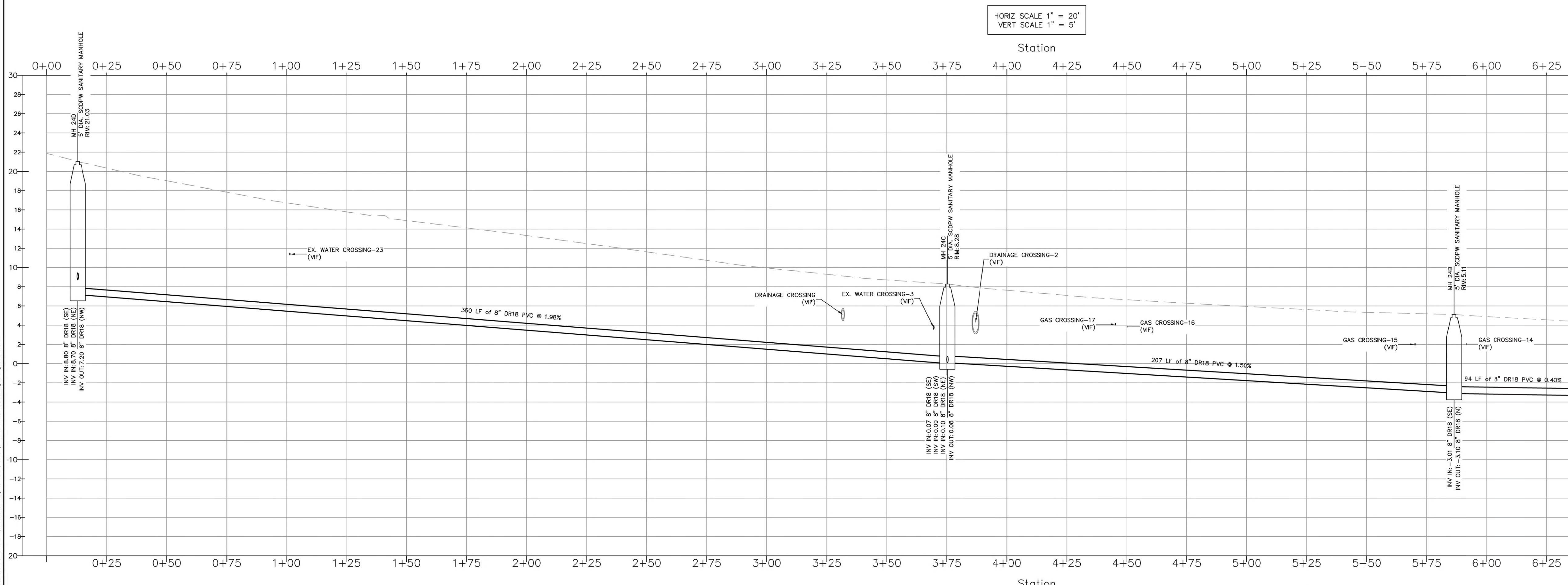
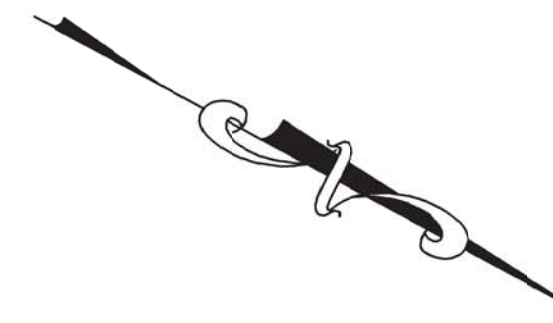
PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

TITLE:
DIVISION STREET SANITARY SEWER PLAN AND PROFILE

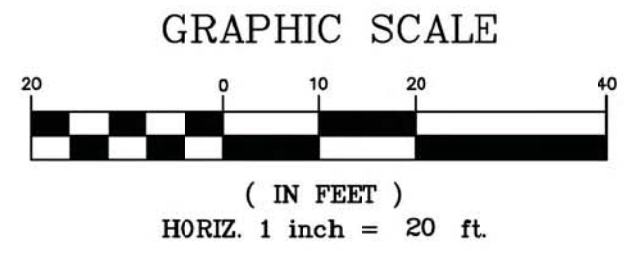
DISCIPLINE:
CIVIL

PROJECT ENGINEER: MR	PROJECT NO. CE2871	DRAWING NO. SS-3
DESIGNED BY: AC	JOB NO. CE2871	DATE: FEBRUARY 2022
DRAWN BY: AC	CHECKED BY: SH	SCALE: AS SHOWN

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HORIZ SCALE 1" = 20'
VERT SCALE 1" = 5'



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NO.	DATE	REVISION DESCRIPTION	INT.

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T: (212) 324-8000
T: (914) 721-4500
CCEP/RK/EE

PROJECT NAME:
SEWERSHED L SEWER EXPANSION

PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

TITLE:
RYSAM STREET SANITARY SEWER PLAN AND PROFILE-1

DISCIPLINE:
CIVIL

PROJECT ENGINEER:
MR

DESIGNED BY:
AC

DRAWN BY:
AC

CHECKED BY:
SH

PROJECT NO.
CE2871

JOB NO.
CE2871

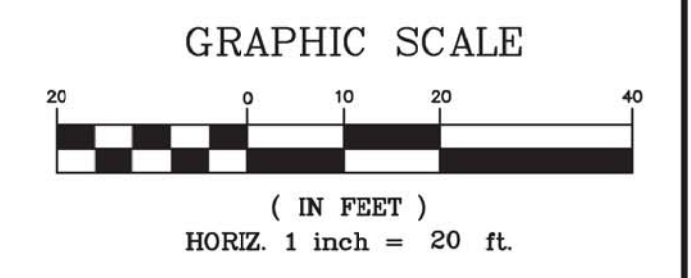
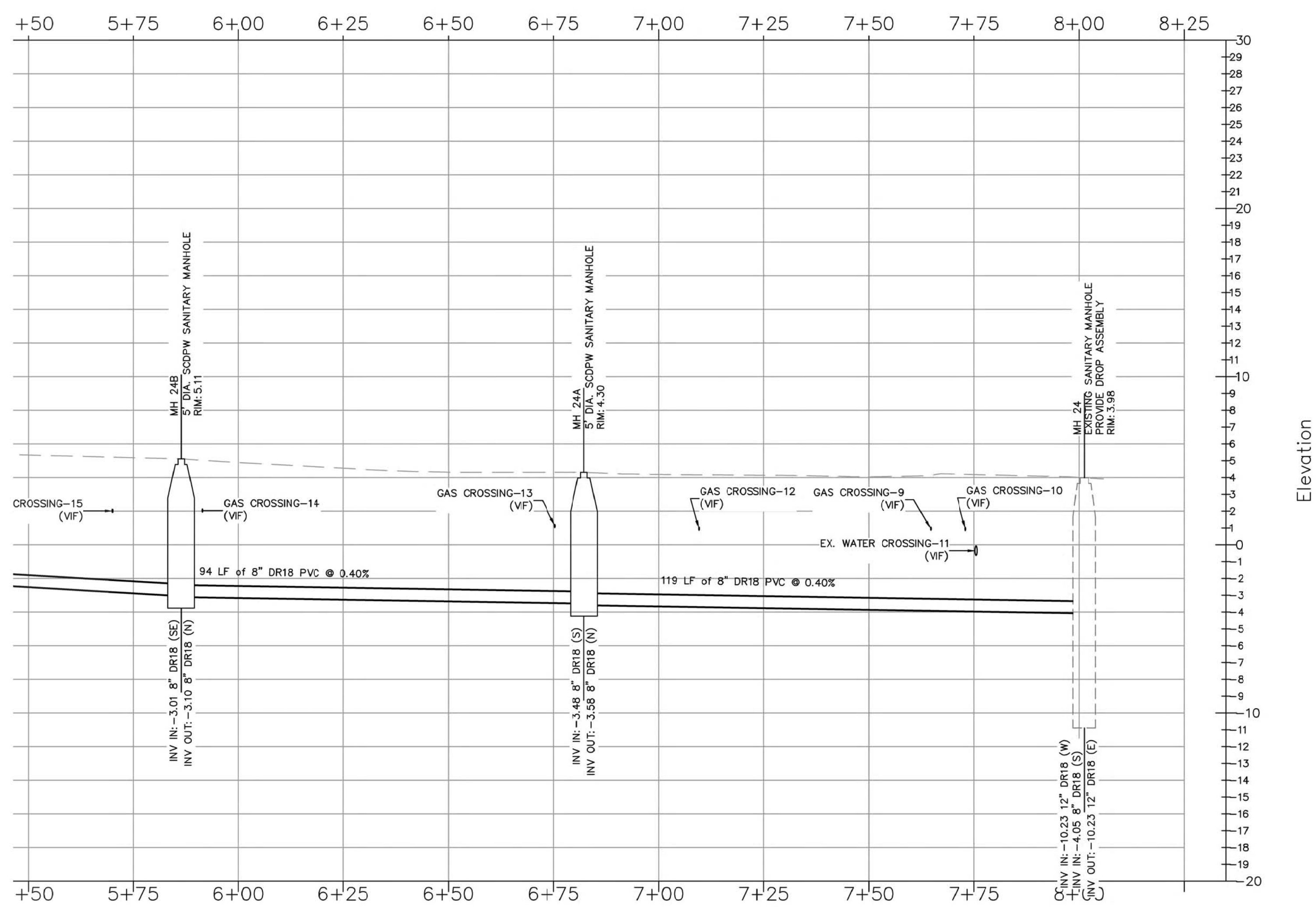
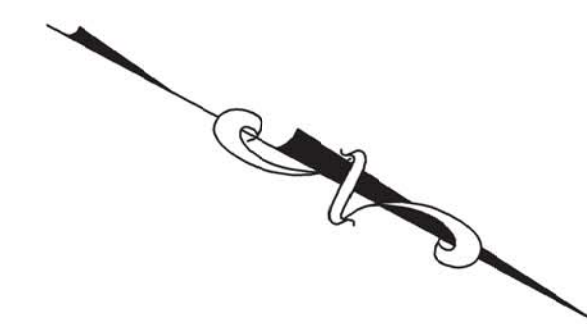
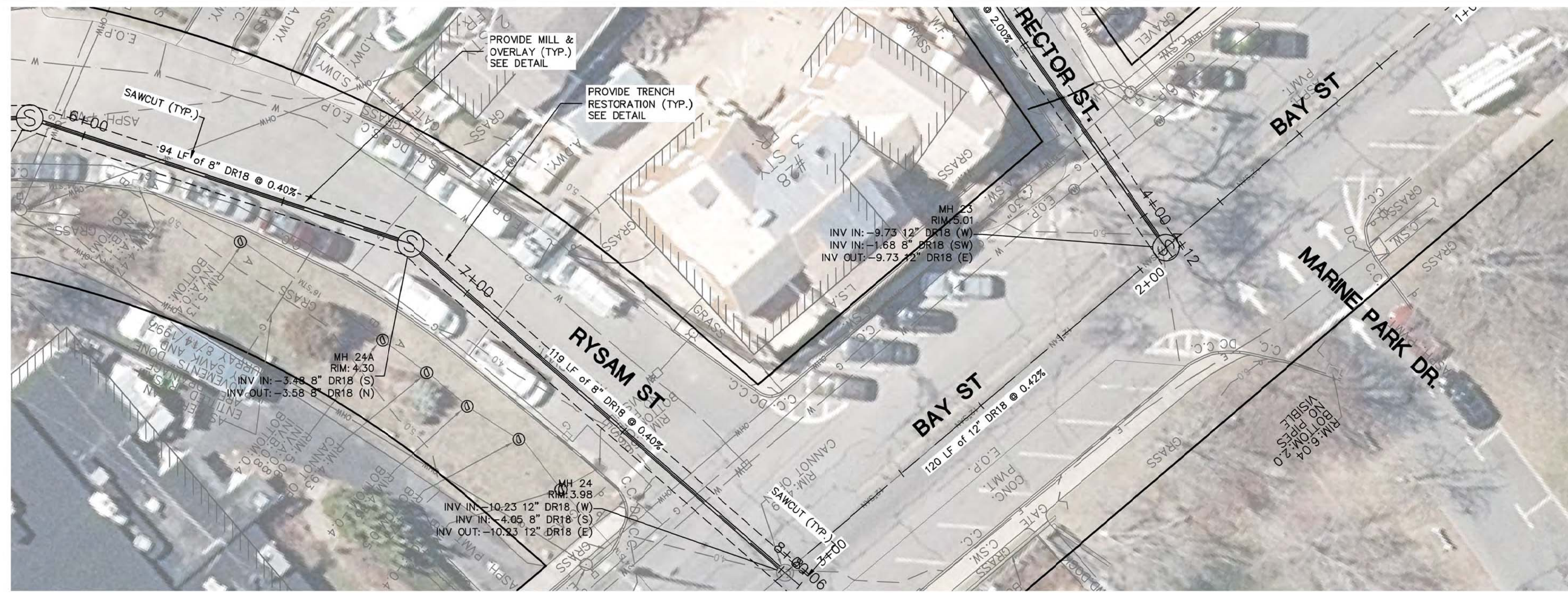
DATE:
FEBRUARY 2022

SCALE:
AS SHOWN

DRAWING NO.
SS-4

DRAWING
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PLOT SCALE: CE2871 - Sag Harbor\DESIGN\BAY STREET SANITARY SEWER.DWG, Date: February 7, 2022, Plot: 2x36 PDF, Plotted by: Allegre Camara



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PLOT SCALE: CE2871 - Sag Harbor DESIGN BAY STREET SANITARY SEWER.DWG, Date: February 7, 2022, Plotup: 2x36 PDF, Plotted by: Abigail Camara

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T: (516) 927-4908
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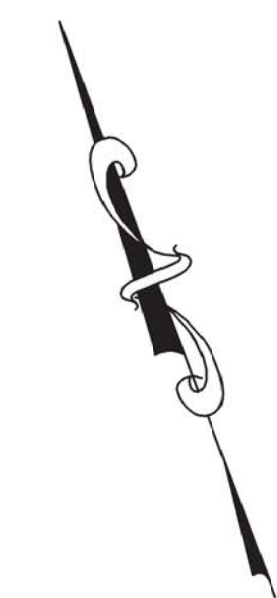
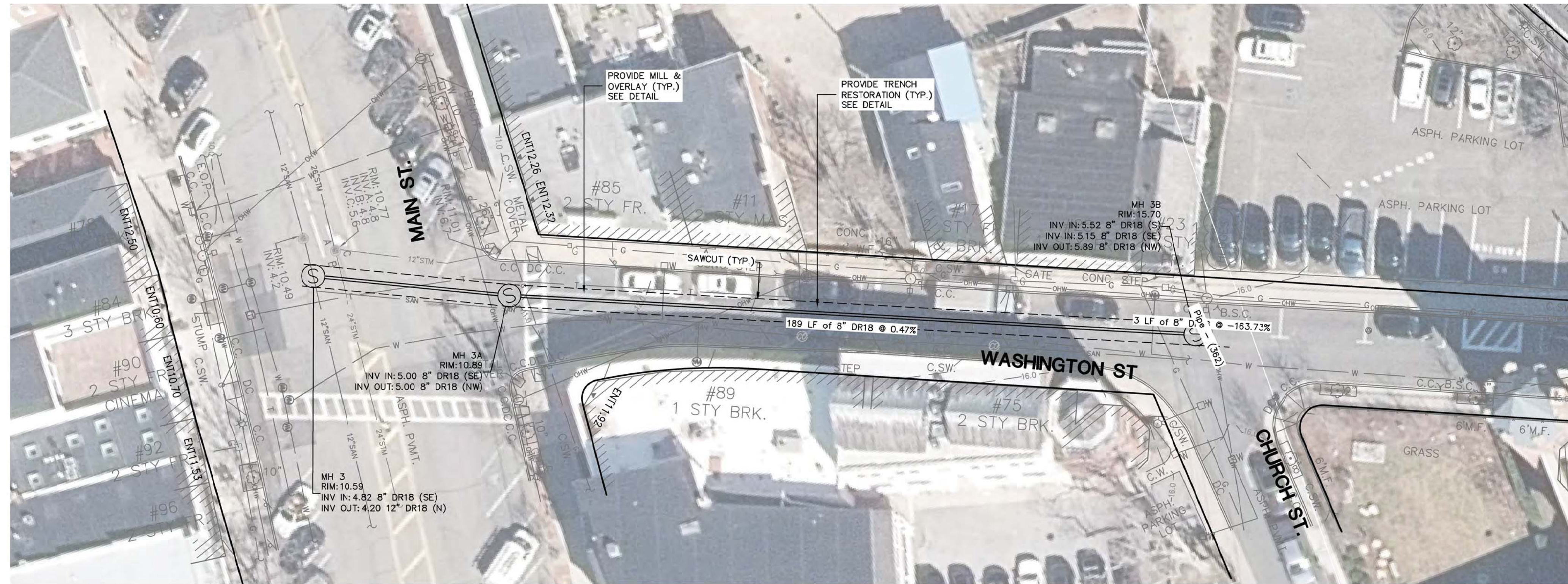
PROJECT NAME:
SEWERSHED L SEWER EXPANSION

PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

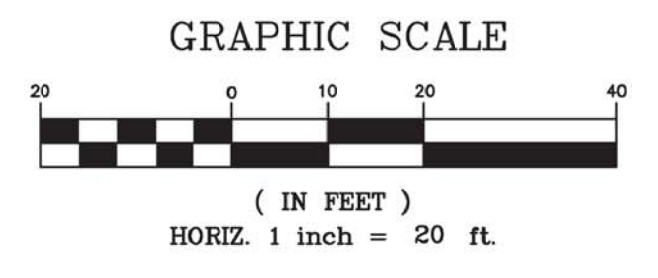
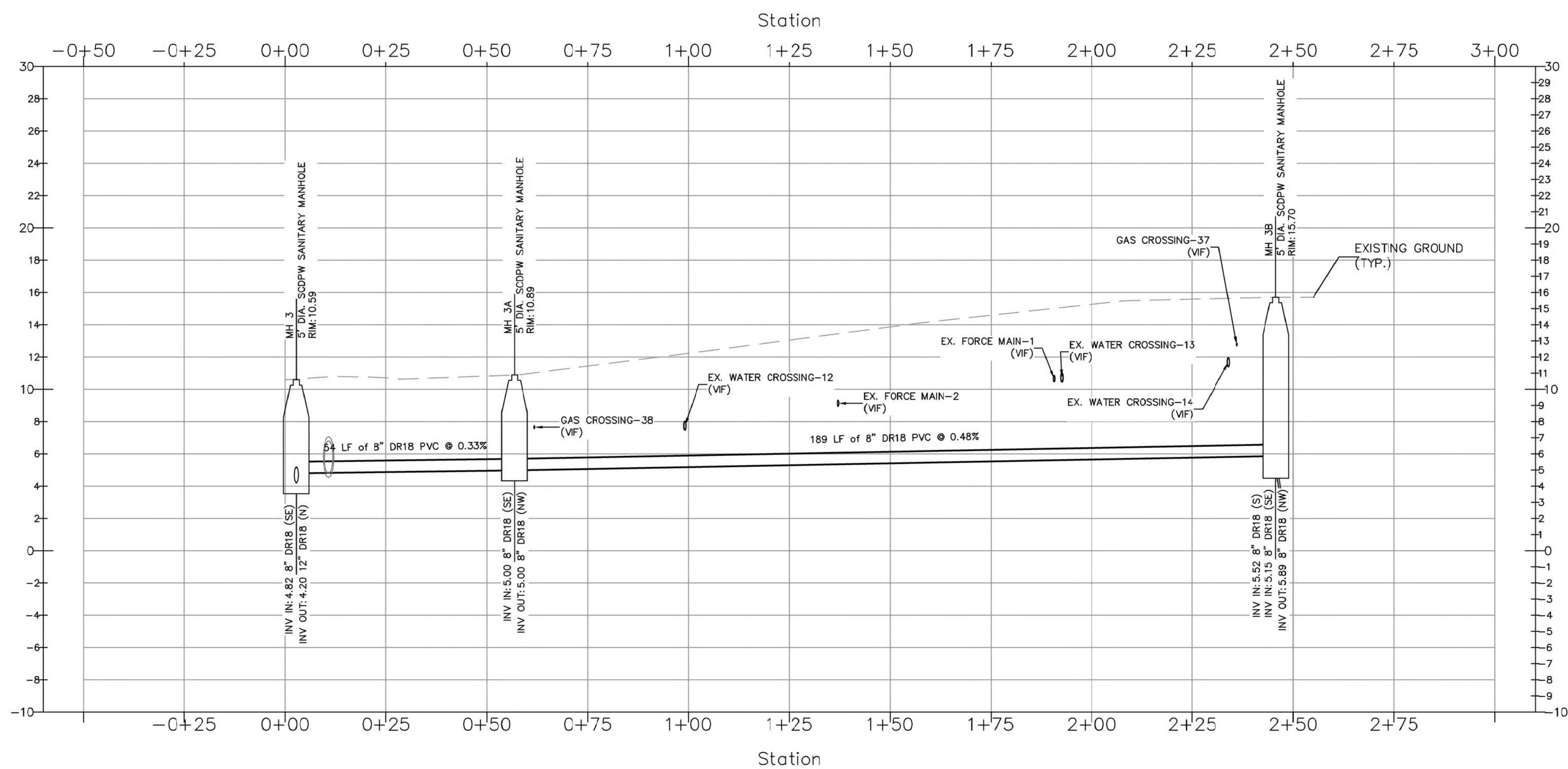
TITLE:
RYSAM STREET SANITARY SEWER PLAN AND PROFILE -2

DISCIPLINE:
 CIVIL

PROJECT ENGINEER: MR	PROJECT NO. CE2871	DRAWING NO. SS-5
DESIGNED BY: AC	JOB NO. CE2871	DATE: FEBRUARY 2022
DRAWN BY: AC	CHECKED BY: SH	SCALE: AS SHOWN
----- of 4		



HORIZ SCALE 1" = 20'
VERT SCALE 1" = 5'



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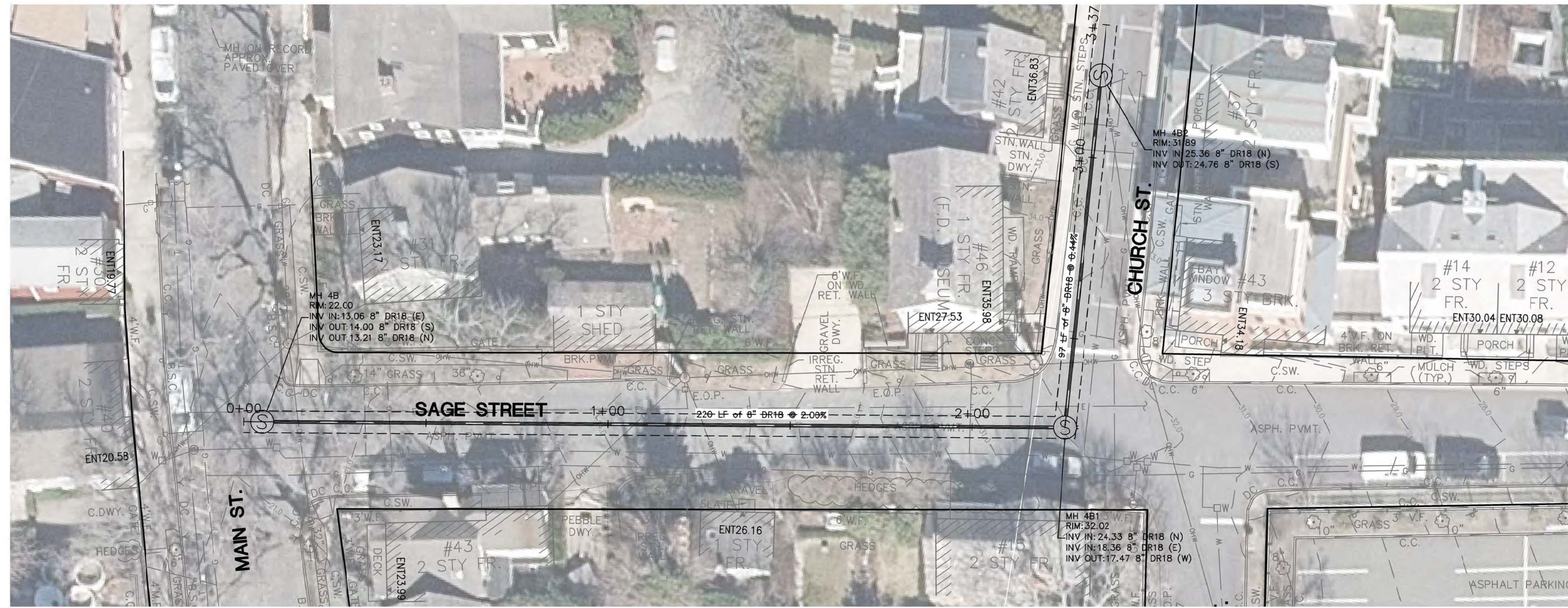
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SEWERSHED L SEWER EXPANSION

PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

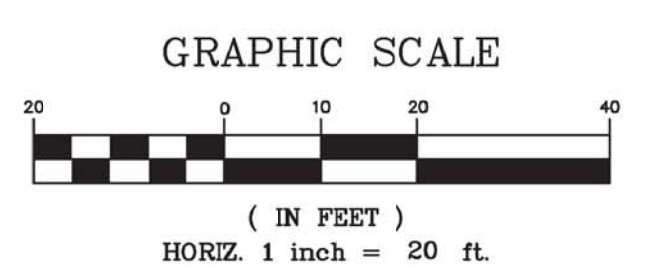
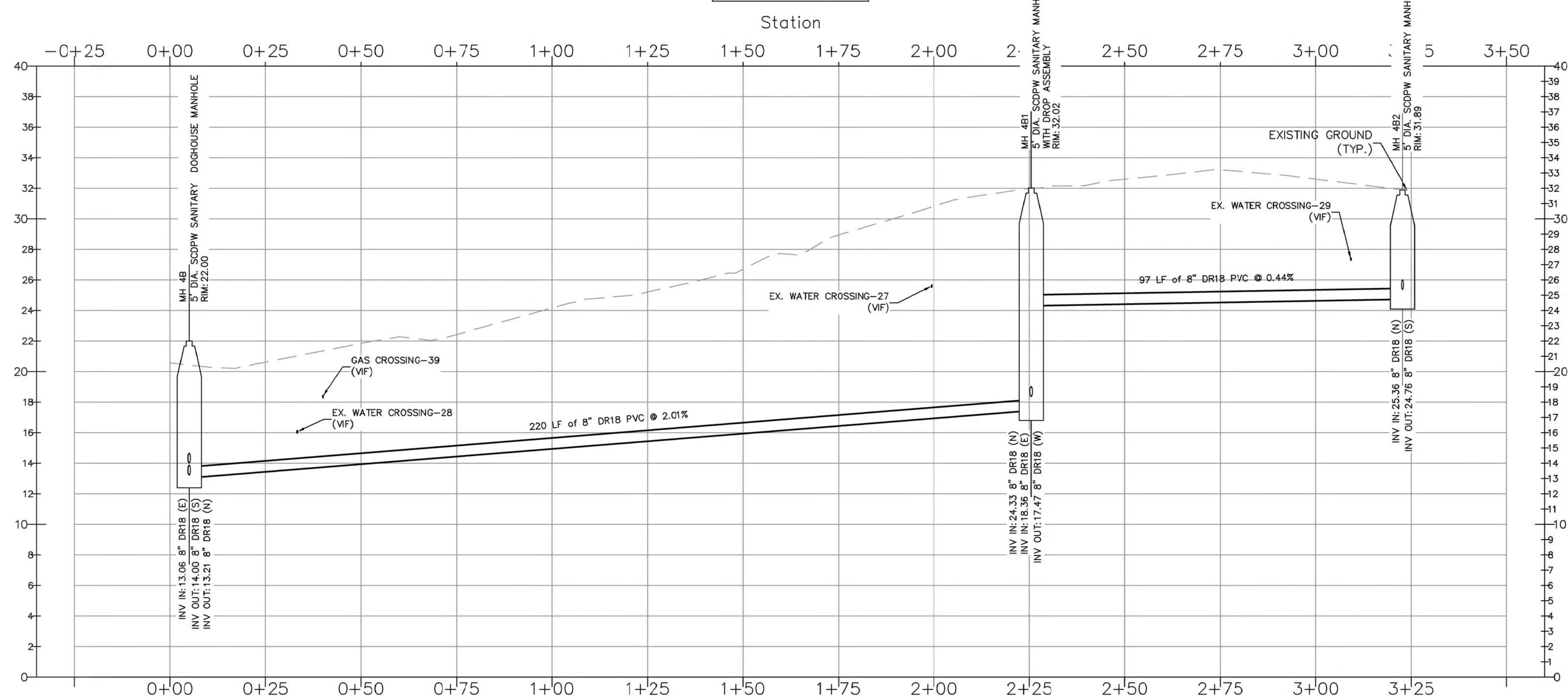
TITLE:
WASHINGTON STREET SANITARY SEWER PLAN AND PROFILE

DISCIPLINE:
CIVIL

PROJECT ENGINEER: MR	PROJECT NO. CE2871	DRAWING NO. SS-6
DESIGNED BY: AC	JOB NO. CE2871	DATE: FEBRUARY 2022
DRAWN BY: AC	CHECKED BY: SH	SCALE: AS SHOWN
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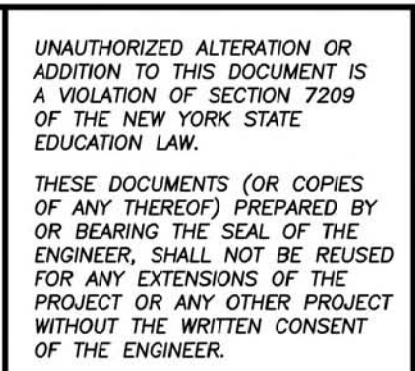
HORIZ SCALE 1" = 20'
VERT SCALE 1" = 5'



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PROJECT NAME:
SEWERSHED L SEWER EXPANSION
PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

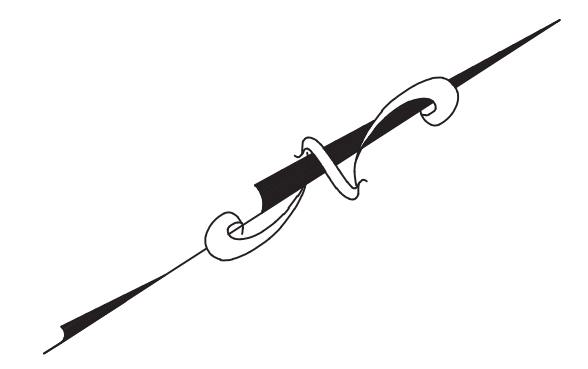
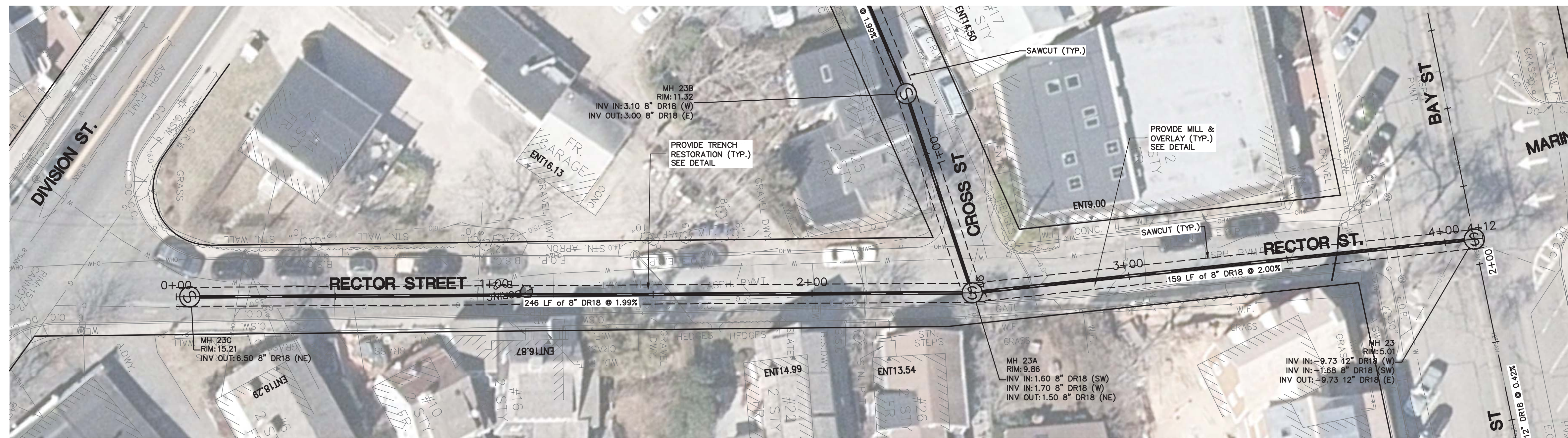
TITLE:
SAGE STREET SANITARY SEWER PLAN AND PROFILE -2
DISCIPLINE:
CIVIL

PROJECT ENGINEER:
MR
DESIGNED BY:
AC
DRAWN BY:
AC
CHECKED BY:
SH

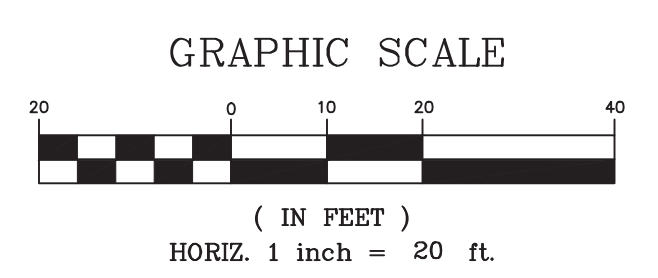
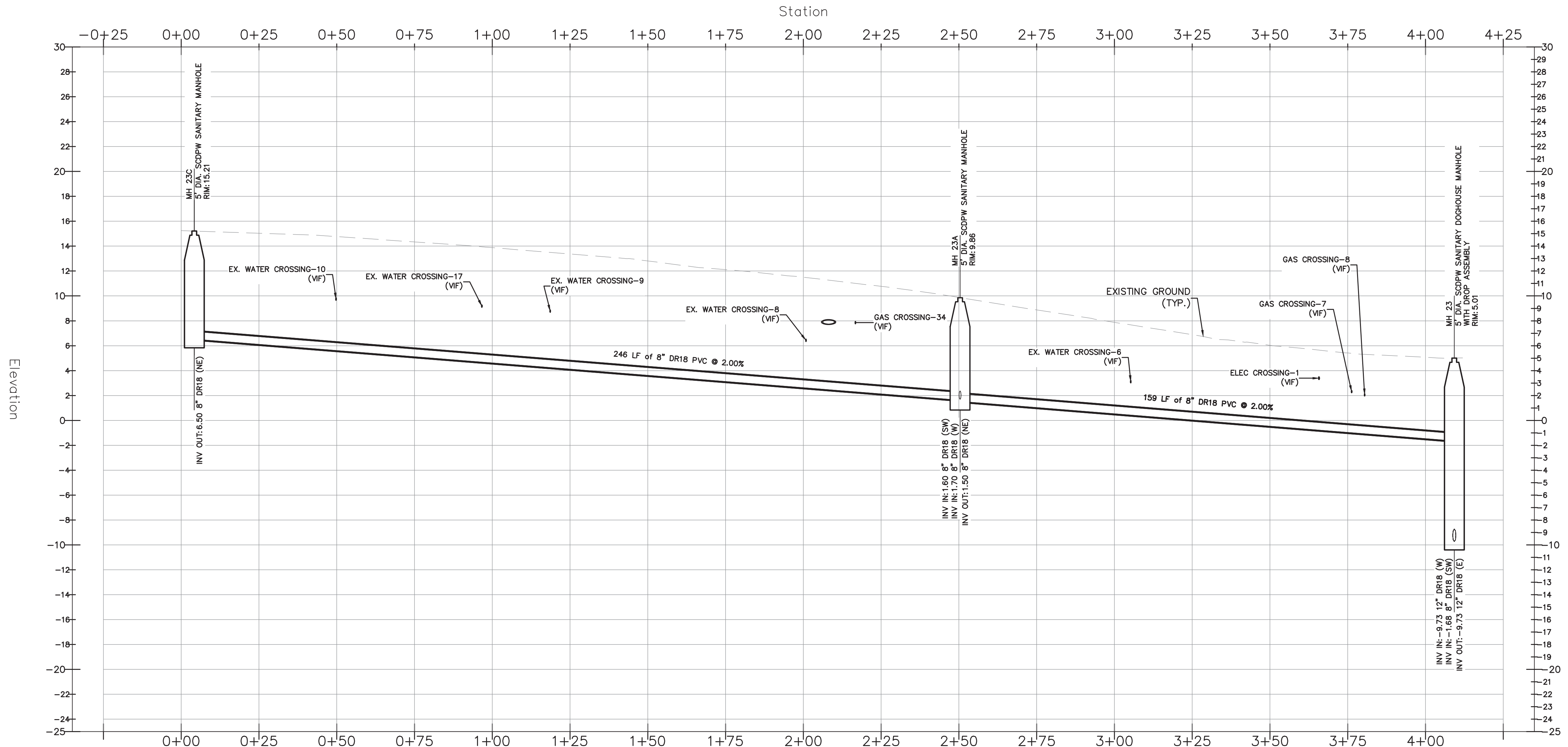
PROJECT NO.
CE2871
JOB NO.
CE2871
DATE:
FEBRUARY 2022
SCALE:
AS SHOWN

DRAWING NO.
SS-7
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HORIZ SCALE 1" = 20'
VERT SCALE 1" = 5'



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PLOT SCALE: CE2871 - Sag Harbor DESIGN/BAY STREET SANITARY SEWER/DWG, Date: February 7, 2022, Plotfile: -----, Plotted by: Alhaghi, Corina

NO.	DATE	REVISION DESCRIPTION	INT.

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PROJECT NAME:
**SEWERSHED L
SEWER EXPANSION**

PROJECT LOCATION:
**VILLAGE OF SAG HARBOR
SUFFOLK COUNTY, NY 11963**

TITLE:
**RECTOR STREET SANITARY SEWER
PLAN AND PROFILE**

DISCIPLINE:
CIVIL

PROJECT ENGINEER:
MR

DESIGNED BY:
AC

DRAWN BY:
AC

CHECKED BY:
SH

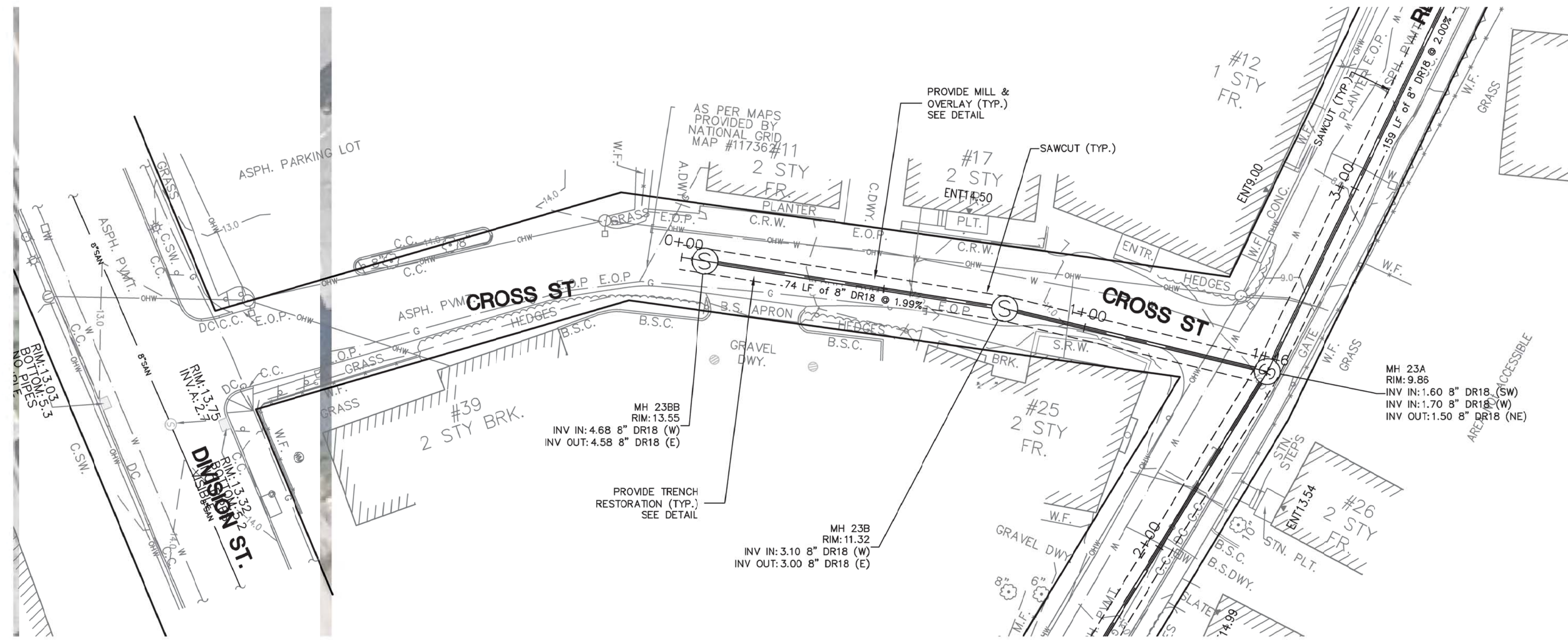
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JOB NO.:
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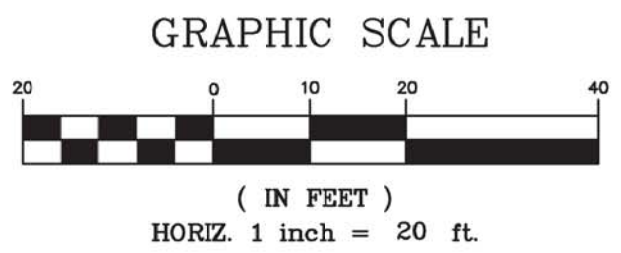
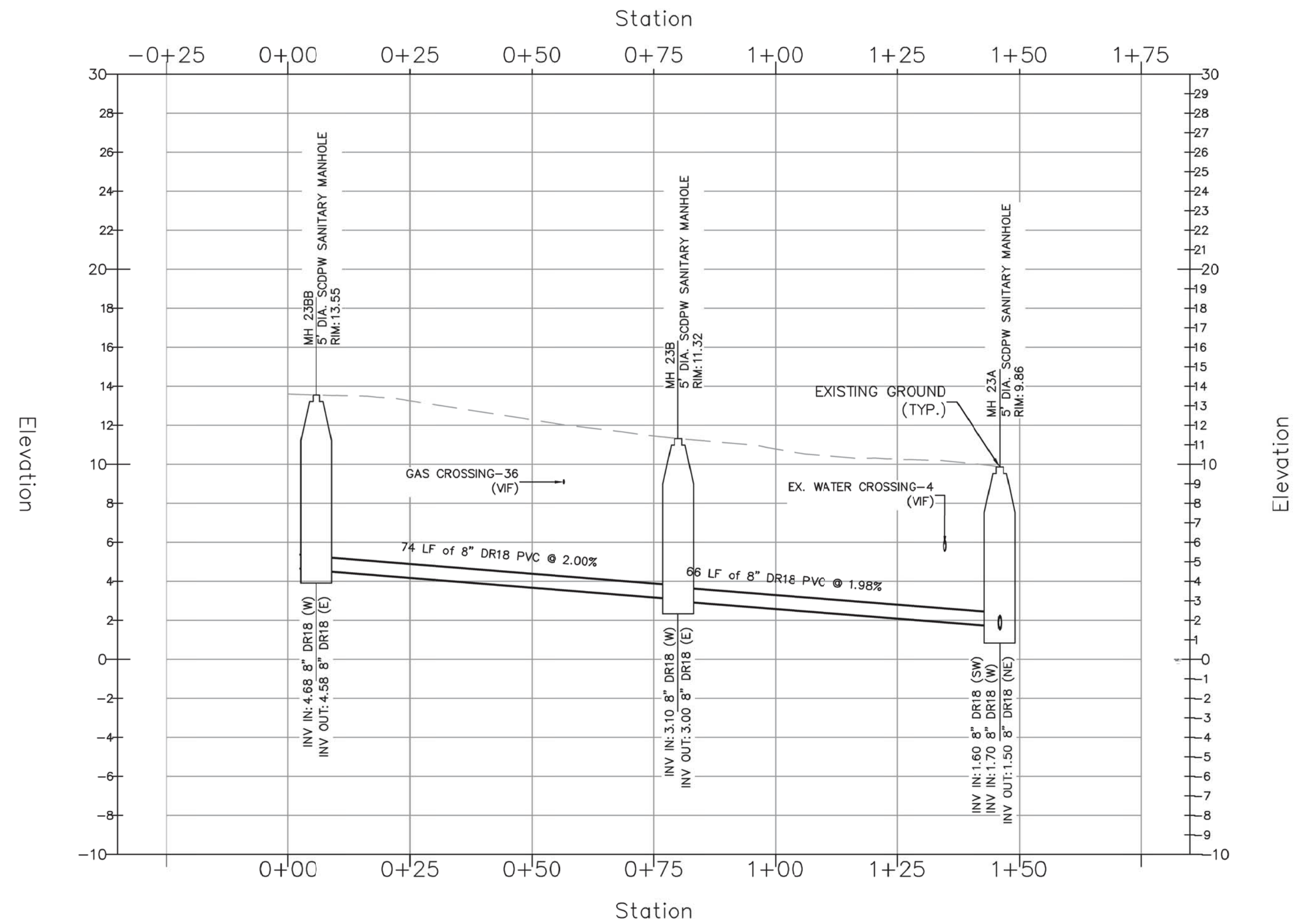
DATE:
FEBRUARY 2022

SCALE:
AS SHOWN

DRAWING NO.:
SS-8
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HORIZ SCALE 1" = 20'
 VERT SCALE 1" = 5'



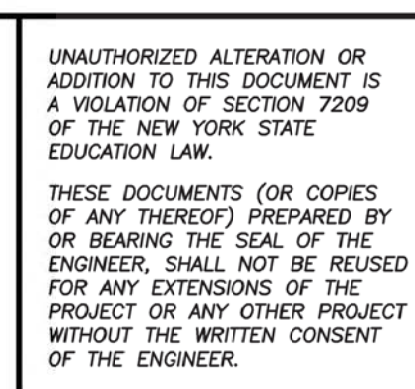
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 ARE PART OF THIS CONTRACT

PLOT SCALE: CE2871 - Sag Harbor DESIGN BAY STREET SANITARY SEWER.DWG, Date: February 7, 2022, Plotup: 2x36 PDF, Plotted by: Albigale Camara

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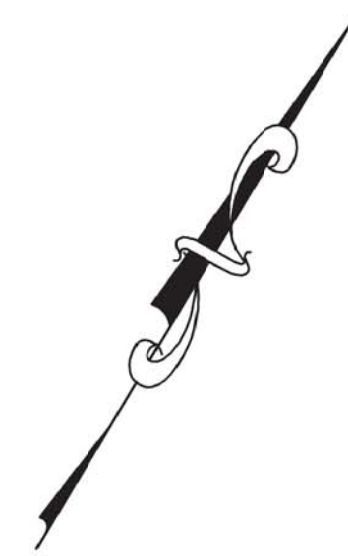
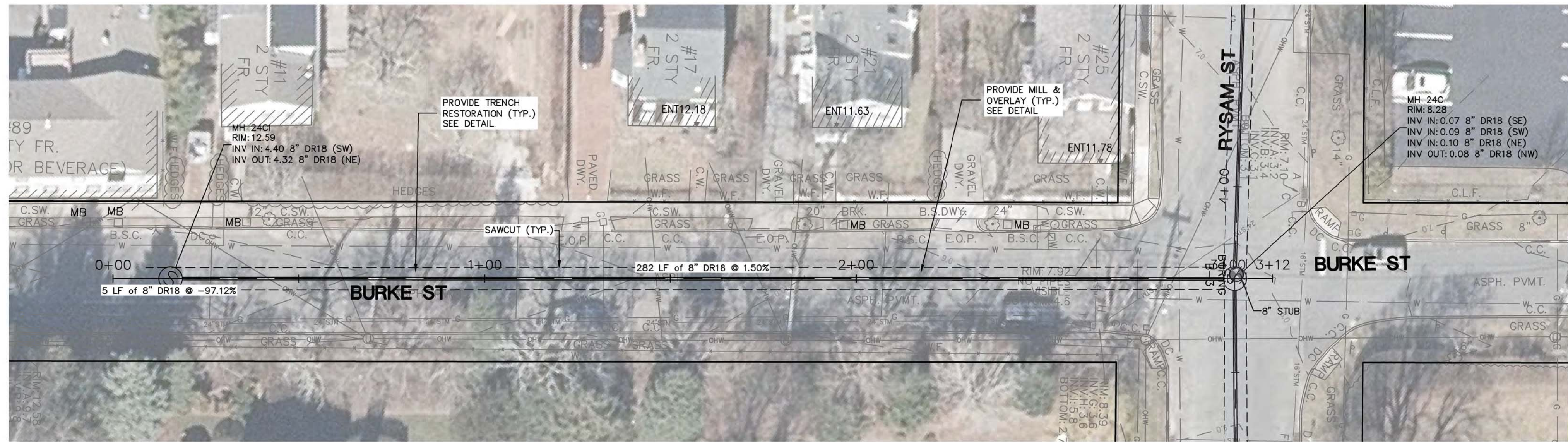
PROJECT NAME:
**SEWERSHED L
 SEWER EXPANSION**

PROJECT LOCATION:
**VILLAGE OF SAG HARBOR
 SUFFOLK COUNTY, NY 11963**

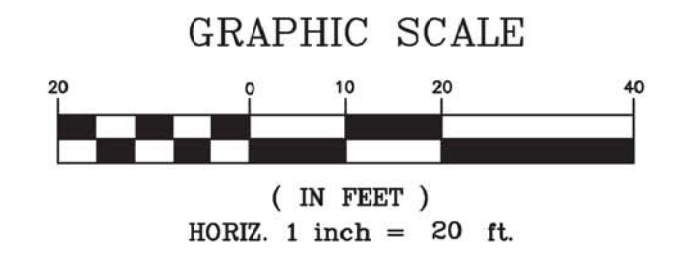
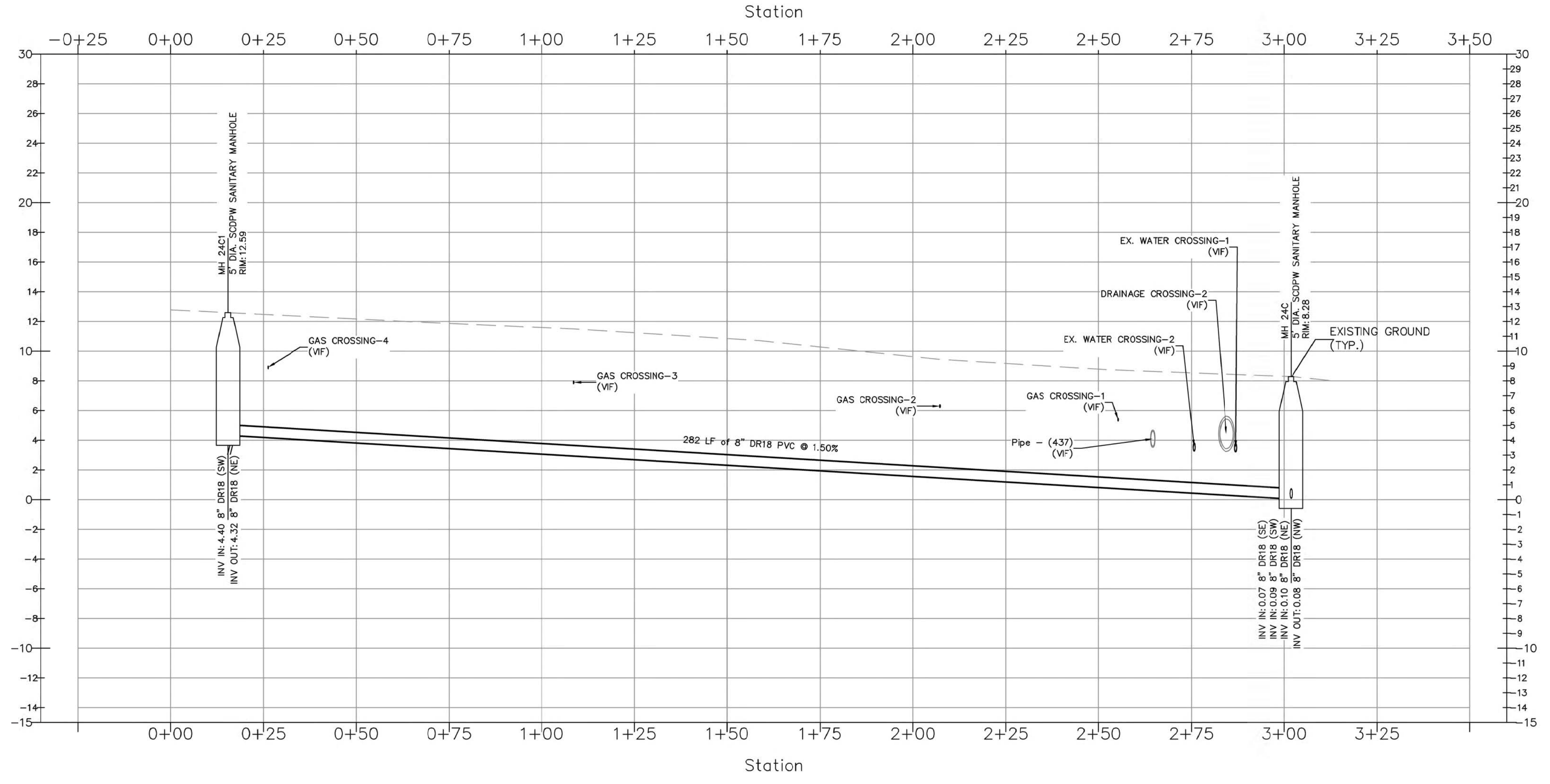
TITLE:
**CROSS STREET SANITARY SEWER
 PLAN AND PROFILE**

DISCIPLINE:
 CIVIL

PROJECT ENGINEER: MR	PROJECT NO. CE2871	DRAWING NO. SS-9
DESIGNED BY: AC	JOB NO. CE2871	DATE: FEBRUARY 2022
DRAWN BY: AC	SCALE: AS SHOWN	of 4
CHECKED BY: SH		



HORIZ SCALE 1" = 20'
VERT SCALE 1" = 5'



SEPARATELY BOUND SPECIFICATIONS ARE PART OF THIS CONTRACT

PLOT SCALE: CE2871 - Sag Harbor DESIGN BAY STREET SANITARY SEWER.DWG, Date: February 7, 2022, Plotup: 2x36 PDF, Plotted by: Allagale Camara

NO.	DATE	REVISION DESCRIPTION	INT.

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CE2871R01

PROJECT NAME:
SEWERSHED L SEWER EXPANSION

PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

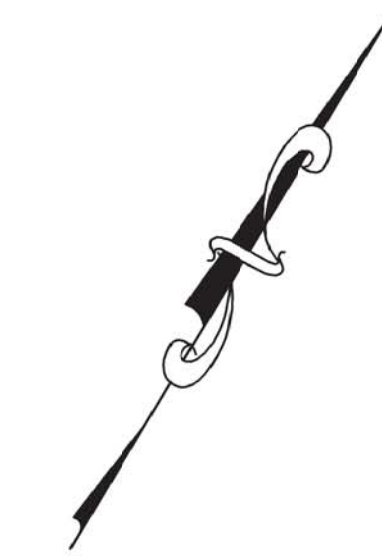
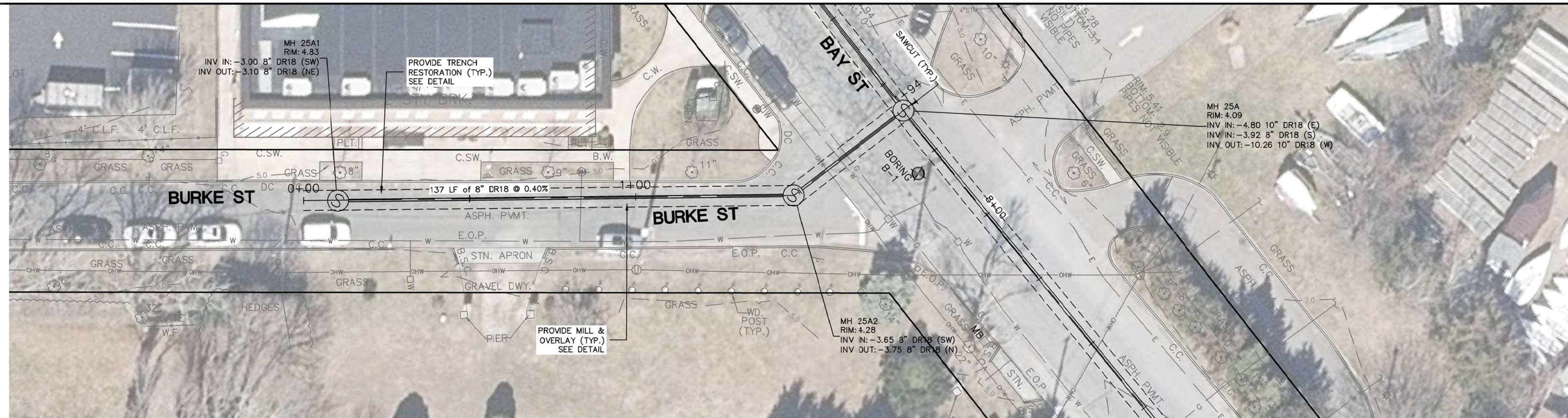
TITLE:
BURKE STREET SANITARY SEWER PLAN AND PROFILE-1

DISCIPLINE:
CIVIL

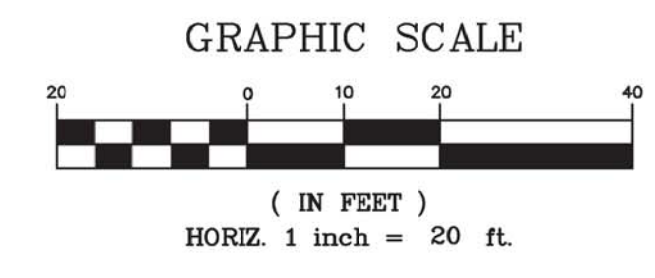
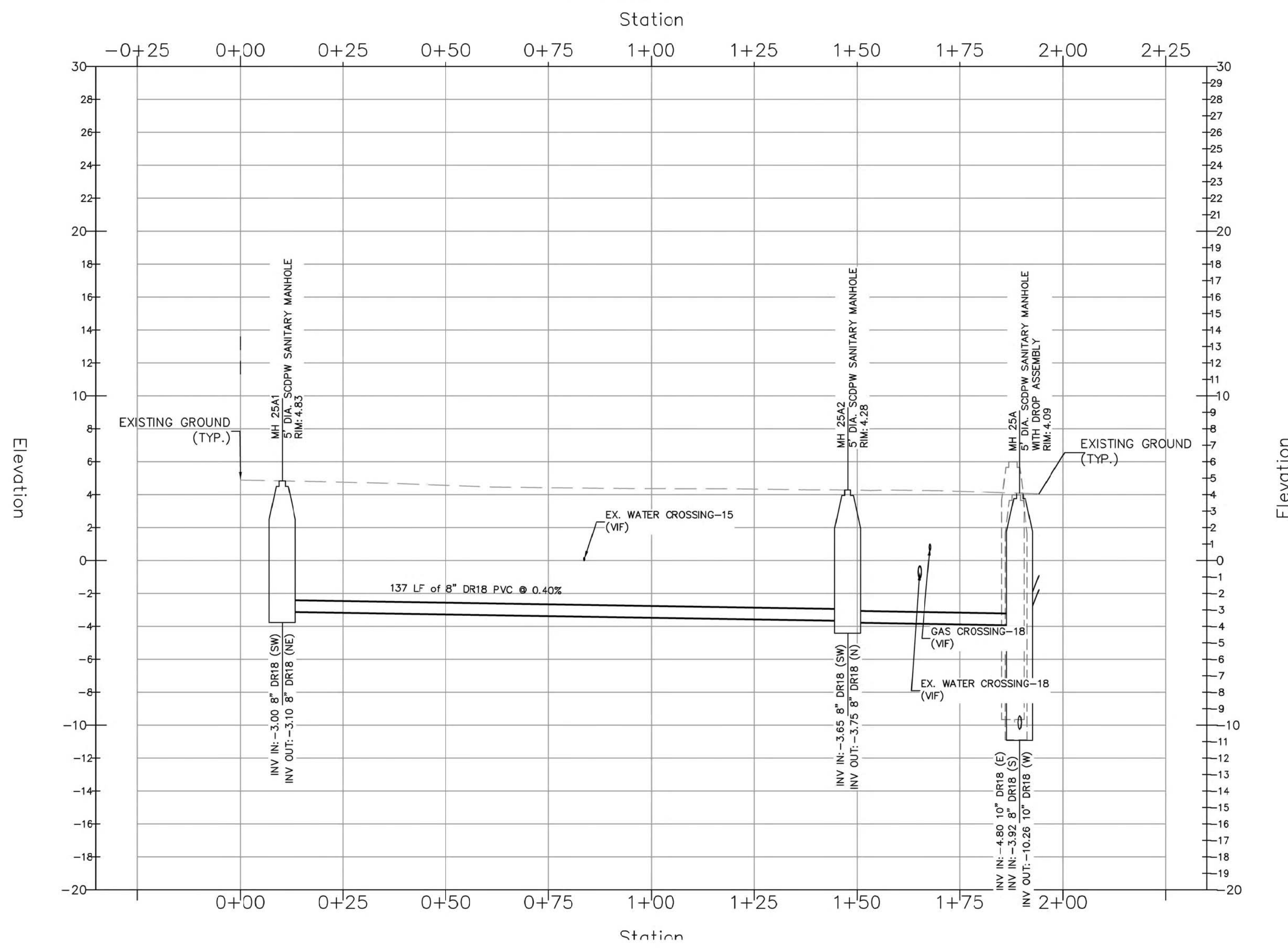
PROJECT ENGINEER:
MR
DESIGNED BY:
AC
DRAWN BY:
AC
CHECKED BY:
SH

PROJECT NO.
CE2871
JOB NO.
CE2871
DATE:
FEBRUARY 2022
SCALE:
AS SHOWN

DRAWING NO.
SS-10
DRAWING
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HORIZ SCALE 1" = 20'
VERT SCALE 1" = 5'



SEPARATELY BOUND SPECIFICATIONS ARE PART OF THIS CONTRACT

PLOT BOUND: \\CE2871 - Sag Harbor\DESIGN\BAY STREET SANITARY SEWER.DWG, Date: February 7, 2022, Plotup: 2x36 PDF, Plotted by: Allagale Camara

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PROJECT NAME:
SEWERSHED L SEWER EXPANSION

PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

TITLE:
BURKE STREET SANITARY SEWER PLAN AND PROFILE-2

DISCIPLINE:
CIVIL

PROJECT ENGINEER: MR	PROJECT NO. CE2871	DRAWING NO. SS-11
DESIGNED BY: AC	JOB NO. CE2871	DATE: FEBRUARY 2022
DRAWN BY: AC	SCALE: AS SHOWN	DRAWING ---- of 4
CHECKED BY: SH		

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES

GENERAL:

- THESE ARE GENERAL WORK ZONE TRAFFIC CONTROL NOTES. CERTAIN REQUIREMENTS SHOWN MAY NOT BE APPLICABLE FOR THIS CONTRACT
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE TRAFFIC CONTROL. WORK ZONE TRAFFIC CONTROL SCHEMES SHALL BE IN ACCORDANCE WITH THESE SHEETS, THE LATEST NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), NEW YORK STATE SUPPLEMENT AND NYS STANDARD SHEETS AS APPROVED OR DIRECTED BY THE ENGINEER. WORK ZONE TRAFFIC CONTROL SCHEMES SHOWN ON THE PLANS OR IN THE NATIONAL MUTCD, NYS SUPPLEMENT, NYS STANDARD SHEETS AND THESE SHEETS ARE TO BE CONSIDERED MINIMUM REQUIREMENTS. THE ENGINEER MAY ORDER ADDITIONAL WORK ZONE TRAFFIC CONTROL DEVICES SUCH AS SIGNS, CONES, DRUMS, FLAGGERS, REFLECTORIZATION, SHADOW VEHICLES, FLASHING AND STEADY BURN LIGHTS, ETC., IF HE DEEMS IT NECESSARY AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR IS PLACED ON NOTICE THAT THE MAINTENANCE AND PROTECTION OF TRAFFIC OVER THE ROADWAY DURING CONSTRUCTION IS CONSIDERED AS IMPORTANT AND NECESSARY AN ITEM OF WORK AS IS THE ACTUAL CONSTRUCTION ITSELF. THE CONTRACTOR SHALL AT ALL TIMES CONDUCT HIS OPERATION IN A MANNER TO INSURE THE SAFETY OF NOT ONLY THE MOTORIST BUT ALSO THE PEDESTRIAN AND HIS OWN EMPLOYEES.
- THE CONTRACTOR MUST SUBMIT TO THE ENGINEER IN WRITING PROPOSED REVISIONS TO THE TEMPORARY TRAFFIC CONTROL PLANS FOR REVIEW AND APPROVAL BY THE OWNER OR DESIGNEE FIVE (5) WORKING DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISION. EXCEPT FOR CHANGES THAT ALTER THE BASIC CONCEPT OF THE TRAFFIC CONTROL PLAN. SUCH CONCEPTUAL CHANGES MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE OWNER OR DESIGNEE THIRTY (30) DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.
- VEHICLES OR EQUIPMENT ARE NOT TO BE PARKED WITHIN THE CLEAR ZONE, ALONG THE ROADWAY USED BY THE GENERAL PUBLIC, OR ANY OTHER AREAS DEEMED HAZARDOUS BY THE ENGINEER.
- VEHICLES BELONGING TO THE CONTRACTOR OR THE CONTRACTOR'S EMPLOYEES SHALL NOT BE PARKED ON THE PAVEMENT OR SHOULDERS ALONG THE ROADWAY WHERE PARKING IS NOT NORMALLY PERMITTED.
- ANY GUIDE RAIL OR CONSTRUCTION APPLIANCE TEMPORARILY REMOVED TO GAIN ACCESS TO A WORK AREA SHALL BE REPLACED AT THE END OF EACH WORK PERIOD.
- DURING NON-WORKING HOURS, ALL CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED OFF OF ALL PAVEMENTS, IN AN AREA WHERE THEY ARE NOT DEEMED A HAZARD TO TRAFFIC AND PEDESTRIANS. STORED CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT VEHICULAR AND PEDESTRIAN TRAFFIC OR ACCESS.
- CONSTRUCTION SHALL BE RESTRICTED TO ONE SIDE OF ANY ROADWAY OR INTERSECTION UNTIL THAT SIDE IS COMPLETED AND OPEN TO ALL VEHICULAR AND PEDESTRIAN TRAFFIC.
- UNLESS APPROVED BY ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE AS FOLLOWS: FREEWAYS, EXPRESSWAYS, AND/OR SERVICE ROADS: 11'. FOR ALL OTHER TYPES OF ROADS: 10'.

ACTIVITY AREA:

- THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500' LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LANE CLOSURES:

- UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, NO LANE CLOSINGS AND LANE SHIFTS WILL BE PERMITTED ON WEEKENDS.

ALSO, NO LANE CLOSINGS WILL BE PERMITTED:

- FROM NOON ON THE FRIDAY BEFORE MEMORIAL DAY THROUGH MEMORIAL DAY;
- INDEPENDENCE DAY;
- LABOR DAY;
- VETERAN'S DAY;
- FROM NOON THE DAY BEFORE THANKSGIVING DAY THROUGH THE SUNDAY FOLLOWING THANKSGIVING DAY
- THE DAY PRECEDING CHRISTMAS DAY
- CHRISTMAS DAY;
- THE DAY PRECEDING NEW YEAR'S DAY;
- NEW YEAR'S DAY

- TWO WAY TRAFFIC AND ACCESS TO ALL PRIVATE PROPERTY MUST BE MAINTAINED AT ALL TIMES.
- IF, IN THE OPINION OF THE OWNER'S REPRESENTATIVE, SHORT TERM LANE CLOSURES ARE CREATING EXCESSIVE DELAYS TO TRAFFIC OR ARE CREATING A SAFETY CONCERN DUE TO SLOW OR STOPPED TRAFFIC, THE AFFECTED LANE CLOSURE SHALL BE REMOVED AND THE ROADWAY OPENED TO TRAFFIC.
- THE OWNER'S REPRESENTATIVE MAY REQUIRE THAT ALL LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS NOT WITHIN THE PROJECT LIMITS.
- MOVING LANE CLOSURES MAY BE USED WHEN TEMPORARY WORK IS BEING PERFORMED SUCH AS SWEEPING, PAVEMENT MARKINGS, ETC.
- THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.

SIGNING:

- ANY EXISTING SIGNS WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, A.O.B.E. COVERS USED TO COVER PORTIONS OF EXISTING SIGNS SHALL BE OF A COLOR AND REFLECTORIZED MATERIAL MATCHING THAT OF THE SIGN BEING PARTIALLY COVERED. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO SIGNS CAUSED BY THE METHODS USED TO TEMPORARILY REMOVE, RELOCATE OR COVER SIGN PANELS OR SIGN TEXT, AT NO ADDITIONAL COST TO THE OWNER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
- WHEN TWO OR MORE WORK AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.
- ALL CONSTRUCTION SIGNS SHALL BE MOUNTED ON NCHRP 350 APPROVED TEMPORARY SIGN SUPPORTS UNLESS SHIELDED BY TEMPORARY CONCRETE BARRIER OR GUIDE RAIL, AND LOCATED BEYOND THE DEFLECTION DISTANCES.
- THE CONTRACTOR SHALL PLACE W8-1 "BUMP" SIGNS, W8-2 "DIP" SIGNS AND/OR W8-8 "ROUGH ROAD" SIGNS WHERE DIRECTED BY THE ENGINEER.
- SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
- THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
- ALL WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF MULTI-LANE DIVIDED HIGHWAYS, MULTI-LANE RAMP, AND ONE-WAY STREETS. IN CASES WHERE LANE RESTRICTIONS REDUCE THE TRAVEL LANE TO ONE LANE, SIGNS SHALL BE POSTED ON THE RIGHT SIDE OF THE ACTIVE TRAVEL LANE, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- SIGNS MOUNTED ON THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A SADDLE TYPE BRACKET. LAYING THE SIGN DOWN IN A HORIZONTAL POSITION IS NOT PERMITTED.
- THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE RESIDENT ENGINEER.
- NYR9-12 MAY BE USED IN PLACE OF NYR9-11.
- THE CONTRACTOR SHALL ERECT W20-1 "ROAD WORK AHEAD" SIGN IN ADVANCE OF INTERSECTING CROSS STREETS OR ENTERING RAMP WITHIN THE PROJECT LIMITS. PAYMENT FOR THESE SIGNS SHALL BE MADE UNDER ITEM 619.01 FOR BASIC WORK ZONE TRAFFIC CONTROL.

BARRIER/SHADOW VEHICLES:

- BARRIER AND SHADOW VEHICLES SHALL BE REQUIRED AS PER STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES."
- NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER OR SHADOW VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCE).
- THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A BARRIER VEHICLE IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE, TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL.

PUBLIC ACCESS:

- ACCESS TO RESIDENTIAL AND COMMERCIAL DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES, UNLESS OTHER AGREEMENTS, SUITABLE TO THE OWNERS, CAN BE MADE. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVE. THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL DRIVEWAYS AT ALL TIMES WHEN A FACILITY IS IN USE. FOR MULTIPLE ACCESS PROPERTIES, ONLY ONE DRIVEWAY MAY BE CLOSED AT ONE TIME. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
- SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA. THE MATERIAL SHALL CONSIST OF CRUSHED STONE OR ASPHALT CONCRETE, WHICHEVER IS DEEMED MORE APPROPRIATE FOR THE CIRCUMSTANCES. A.O.B.E. PLASTIC DRUMS OR OTHER APPROVED TRAFFIC CONTROL DEVICES SHALL BE USED TO DELINEATE THE DRIVEWAY AND TO CONTROL ACCESS DURING NON-WORKING HOURS.
- ACCESS TO ALL PROPERTIES AND CROSS STREETS SHOULD BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.

CHANNELIZING DEVICE:

- WHEN CONES AND/OR DRUMS ARE USED IN CONTROLLING THE MOVEMENT OF TRAFFIC THROUGH WORK AREAS, THE CONTRACTOR SHALL TAKE STEPS AS NECESSARY TO PREVENT THE CONES AND/OR DRUMS FROM BEING BLOWN OVER OR DISPLACED BY PASSING VEHICLES. THE CONTRACTOR SHALL ACCOMPLISH THIS BY DOUBLING CONES, BY THE USE OF SAND BAG RINGS, OR BY OTHER SUCH MEANS AS MAY BE APPROVED BY THE ENGINEER WHICH SHALL PRESENT NO HAZARD TO MOTORISTS OR TO WORKERS IF CONES AND/OR DRUMS ARE STRUCK. CONES SHALL NOT BE USED FOR NON-WORKING HOUR CLOSURES, NOR AT ANY TIME TO SEPARATE LANES OF TRAFFIC MOVING IN THE SAME DIRECTION.

- WHERE NECESSARY, OR AS REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL UTILIZE FLAGGERS AT DRIVEWAYS TO CONTROL TRAFFIC ENTERING THE TRAVEL WAY.
- DEFORMED OR DAMAGED CHANNELIZING DEVICES THAT DO NOT MAINTAIN APPEARANCE, COLOR AND REFLECTIVITY WILL BE EVALUATED FOR ACCEPTABILITY IN ACCORDANCE WITH THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) "QUALITY GUIDELINES FOR WORK ZONE TRAFFIC CONTROL DEVICES." AS THE CONDITION OF DEVICES DETERIORATES OVER TIME, THOSE THAT FALL BELOW THE MARGINAL CATEGORY SHALL BE REPLACED.
- WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.
- MAXIMUM SPACING OF TRAFFIC DRUMS SHALL BE 40' OR A.O.B.E.

SNOW/ICE REMOVAL:

- PROVISION FOR SNOW AND ICE REMOVAL OPERATIONS: IN ORDER TO ALLOW FOR SNOW AND ICE CONTROL BY COUNTY FORCES ON COUNTY HIGHWAYS AND BY LOCAL MUNICIPALITIES ON LOCAL ROADS, THE CONTRACTOR SHALL SCHEDULE HIS WORK IN ACCORDANCE WITH THE FOLLOWING:
 - INTERFERENCE WITH SNOW PLOWING OPERATIONS BY DRUMS, BARRICADES, AND OTHER TRAFFIC CONTROL EQUIPMENT SHALL BE KEPT TO A MINIMUM. ANY DEVICES DISTURBED OR DAMAGED BY SNOW AND ICE CONTROL OPERATIONS SHALL BE REPLACED AND/OR RESET AS NECESSARY AND AS SOON AS POSSIBLE BY THE CONTRACTOR.
 - DRAINAGE FRAMES, GRATES, AND COVERS AND OTHER CASTINGS SHALL NOT BE ADJUSTED IN A TRAVEL LANE UNLESS THE FINAL PAVEMENT COURSE IS TO BE PLACED PRIOR TO THE ONSET OF SNOW AND ICE WEATHER. STEEL PLATES, ETC. SHALL NOT PROTRUDE ABOVE THE ADJACENT PAVEMENT. IF ANY OF THESE PROTRUSIONS EXIST IN A NON-TRAVEL LANE PRIOR TO A SNOW AND ICE CONDITION, THEN TEMPORARY ASPHALT RAMP MUST BE PLACED SO THAT FOR EVERY 1 INCH OF RISE, THERE IS A 80 INCH RUN OF RAMP.
 - ALL PAVEMENT CUTS SHALL BE RESTORED TO THE ADJACENT PAVEMENT GRADE TO ELIMINATE RECESSED AREAS WHERE SNOW CANNOT BE PLOWED OR WHERE THE FLOWS MAY SNAG.

PEDESTRIANS/BICYCLISTS:

- THE NEEDS AND CONTROL OF ALL ROAD USERS (MOTORISTS, BICYCLISTS AND PEDESTRIANS WITHIN THE HIGHWAY INCLUDING PERSONS WITH DISABILITIES) IN ACCORDANCE WITH THE AMERICAN WITH DISABILITIES ACT OF 1990 (ADA) TITLE II THROUGH A WORK ZONE SHALL BE AN ESSENTIAL PART OF THE ROADWAY CONSTRUCTION, UTILITY WORK, MAINTENANCE, AND THE MANAGEMENT OF TRAFFIC INCIDENTS.
- THE CONTRACTOR SHALL PROVIDE, DELINEATE AND MAINTAIN A CLEAR TRAVEL PATH FOR PEDESTRIANS AND BICYCLISTS EITHER THROUGH OR AROUND WORK ZONES FOR THE DURATION OF THIS PROJECT, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE TRAVEL PATH SHALL COMPLY WITH THE PROVISIONS OF THE ADA GUIDELINES. THE CONTRACTOR MAY UTILIZE ANY COMBINATION OF THE FOLLOWING TO PROVIDE THE USABLE TRAVEL PATH: EXISTING SIDEWALKS/SHOULDERS; TEMPORARY SIDEWALKS/SHOULDERS; FINAL SIDEWALKS/SHOULDERS; AND EXISTING OR TEMPORARY SIDEWALK CURB RAMPS. THE USABLE TRAVEL PATH SHALL BE CLEARLY MARKED AND STAGED BETWEEN INTERSECTING ROADS TO ENSURE SAFE PEDESTRIAN CROSSING AND ACCESSIBILITY. PEDESTRIAN ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.
- THE CONTRACTOR SHALL CONDUCT WORK OPERATIONS TO MINIMIZE THE INTERRUPTION OF PEDESTRIAN TRAFFIC. THE TEMPORARY STORAGE OF CONSTRUCTION EQUIPMENT OR MATERIALS SHALL NOT BE PERMITTED ON ANY USABLE TRAVEL PATH THAT IS OPEN TO PEDESTRIAN TRAFFIC.

PROJECT SPECIFIC NOTES:

- THE CONTRACTOR IS NOTIFIED THAT LANE CLOSURES AND LANE SHIFTS WILL ONLY BE PERMITTED BETWEEN THE FOLLOWING HOURS:

"FROM 9:00 AM TO 6:00 PM WITHIN THE VILLAGE OF SAG HARBOR"

THESE TIMES MAY BE REDUCED BY THE ENGINEER AT ANY LOCATION, AT ANY TIME DUE TO TRAFFIC AND SAFETY CONDITIONS
- THE CONTRACTOR WILL NOT BE PERMITTED TO UTILIZE NIGHTTIME PAVING, LANE CLOSURES, OR LANESHIFTS, UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED.

NOTIFICATION/COORDINATION:

- THE CONTRACTOR MUST NOTIFY THE ENGINEER, THE SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS, THE SUFFOLK COUNTY POLICE DEPARTMENT, THE VILLAGE OF SAG HARBOR AND TOWNS OF EAST HAMPTON AND SOUTHAMPTON HIGHWAY DEPARTMENTS, AREA FIRE DEPARTMENTS, AND EMERGENCY SERVICES OF ALL DETOURS, PROPOSED STREET CLOSINGS, OR ANY WORK THAT MIGHT AFFECT THE MOBILITY OR ACCESS OF THE FIRE OR POLICE DEPARTMENT 72 HOURS IN ADVANCE OF THEIR IMPLEMENTATION. IN ADDITION, THE CONTRACTOR SHALL ENSURE THAT HYDRANTS AND ALARM BOXES ARE KEPT CLEAR AND AVAILABLE.

ADVANCED SIGNING:

- THE CONTRACTOR SHALL SUPPLY AND OPERATE TWO (2) VMS APPROACHING THE PROJECT LIMITS (ONE IN EACH DIRECTION). VMS SHALL BE OPERATIONAL TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION THROUGHOUT THE COURSE OF THE PROJECT, A.O.B.E. AND TWO (2) WEEKS PRIOR TO MILLING AND PAVING OPERATIONS.
- IN ADDITION TO THE SIGNING SHOWN ON THE PLANS, THE CONTRACTOR SHALL ERECT W20-1, "ROAD WORK 1/2 MILE" AND "ROAD WORK 1500 FT". SIGNS IN ADVANCE OF THE LIMITS OF THE PROJECT AND IN ADVANCE OF ANY MAJOR INTERSECTING CROSS STREETS OR ENTERING RAMP WITHIN THE CONTRACT LIMITS, A.O.B.E. THE CONTRACTOR SHALL ALSO ERECT NYR9-11 "LICENCE SUSPENDED" IN ADVANCE OF THE PROJECT LIMITS AND AT APPROPRIATE DISTANCES WITHIN THE PROJECT LIMITS AND G20-2C, "END ROAD WORK" SIGNS AT THE CONTRACT LIMITS OF THE PROJECT.

TAPER LENGTH AND SIGN SPACING:

- THE CONTRACTORS ATTENTION IS DIRECTED TO NYS STANDARD SHEET 619-11 TO CALCULATE TAPER LENGTHS AND SIGN SPACING. FOR REFERENCE AND PURPOSES OF USING THESE TABLES, USE THE PRECONSTRUCTION 85TH PERCENTILE SPEED, NOT THE PRECONSTRUCTION SPEED LIMIT AS SHOWN ON TABLES 6H-4, 6C-2, NY6H-3, NY1-B, NY2-B AND 619-4.

WORK ZONE SPEED LIMIT:

- IF A SPEED REDUCTION IS REQUIRED, A W3-5 "WORK ZONE SPEED LIMIT AHEAD" SIGN SHALL BE PLACED IN ADVANCE OF THE WORK ZONE. G20-50P "WORK ZONE" AND R2-1 "SPEED LIMIT XX" SIGNS SHALL BE PLACED AT THE BEGINNING OF THE WORK ZONE AND THROUGHOUT WORK ZONE AT DISTANCES IN ACCORDANCE WITH SECTION 2B.13 OF THE NYS SUPPLEMENTAL TO THE MUTCD.
- IF A SPEED REDUCTION IS NOT REQUIRED, ADDITIONAL R2-1 "SPEED LIMIT SIGNS" WITH G20-50P "WORK ZONE" MAY BE INSTALLED WITHIN THE WORK ZONE DISPLAYING THE PRECONSTRUCTION SPEED LIMIT, A.O.B.E.

SEPARATELY BOUND SPECIFICATIONS ARE PART OF THIS CONTRACT

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UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW. THESE DOCUMENTS (OR COPIES OF ANY THEREOF) PREPARED BY OR BEARING THE SEAL OF THE ENGINEER, SHALL NOT BE REUSED FOR ANY EXTENSIONS OF THE PROJECT OR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.	 <p>CAMERON ENGINEERING & ASSOCIATES, LLP</p> <p>177 Crossways Park Drive, Woodbury, NY 11797 141 Broadview, Suite 610, New York, NY 10018 203 Fairtown Road, 1st Floor, White Plains, NY 10606 Corporate/Field Offices 1996 State of New York www.Cameronengineering.com CCNYR1611T</p>	PROJECT NAME: SEWERSHED L SEWER EXPANSION PROJECT LOCATION: VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963	TITLE: MAINTENANCE & PROTECTION OF TRAFFIC NOTES (1) DISCIPLINE: CIVIL	PROJECT ENGINEER: MR DESIGNED BY: AC DRAWN BY: AC CHECKED BY: SH	PROJECT NO. CE2871 JOB NO. CE2871 DATE: FEBRUARY 2022 SCALE: AS SHOWN	DRAWING NO. <div style="font-size: 2em; font-weight: bold; text-align: center;">MPT-1</div> DRAWING ---- of 4
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MAINTENANCE AND PROTECTION OF TRAFFIC NOTES (CONT'D.):

ARROW PANELS:

54. IN ADDITION TO THE SIGNING REQUIRED IN THE M.U.T.C.D. AND N.Y.S. SUPPLEMENT, THE CONTRACTOR SHALL USE A FLASHING ARROW BOARD POSITIONED AT THE BEGINNING OF THE TAPER FOR ALL TRAVEL LANE CLOSINGS. ONE FLASHING ARROW BOARD WILL BE REQUIRED IN CONJUNCTION WITH THE LANE CLOSURES SHOWN IN THE NATIONAL M.U.T.C.D., FIGURES 6H-22 TO 6H-25 WHICHEVER IS APPLICABLE. THE FLASHING ARROW BOARD WILL NOT BE REQUIRED IN CONNECTION WITH SHOULDER CLOSINGS OR SIDE STREET LANE CLOSURES UNLESS THE ENGINEER ORDERS ITS USE.
55. ARROW BOARDS SHALL NOT BE USED FOR LANE SHIFTS. A LANE SHIFT IS DEFINED AS A LATERAL SHIFT IN THE TRAVEL PATH WITHOUT A REDUCTION IN NUMBER OF LANES.
56. THE LAMPS OF FLASHING ARROW BOARDS ARE REQUIRED TO BE EQUIPPED WITH AN AUTOMATIC SOLAR CELL CONTROLLED DIMMING SWITCH AND THAT THE DIMMING VOLTAGE BE MANUALLY CONTROLLABLE. AT NIGHT, FLASHING ARROW BOARDS MUST NOT BE PERMITTED TO OPERATE AT SUCH BRIGHTNESS THAT SIGNS, DRUMS, IMPACT ATTENUATION DEVICES OR OTHER TRAFFIC CONTROL DEVICES NEAR THE FLASHING ARROW BOARD CANNOT EASILY BE SEEN BY APPROACHING MOTORISTS. TO INSURE THAT FLASHING ARROW BOARDS ARE NOT TOO BRIGHT FOR NIGHTTIME OPERATION, THE CONTRACTOR SHALL MAKE AN ON SITE INSPECTION OF EACH ARROW BOARD AT THE BEGINNING OF ITS FIRST NIGHT OF OPERATION. IN THE EVENT THIS INSPECTION REVEALS THE ARROW BOARD IS TOO BRIGHT, THE CONTRACTOR SHALL TAKE IMMEDIATE ACTION TO REDUCE LAMP INTENSITIES. IN ADDITION, THE CONTRACTOR SHALL PROMPTLY REDUCE THE LAMP INTENSITY OF ANY ARROW BOARD UPON BEING INFORMED, BY THE ENGINEER, THAT IT IS TOO BRIGHT. IN THIS CONTEXT PROMPTLY SHALL MEAN NO LATER THAN THE BEGINNING OF THE NEXT NIGHT OF THE ARROW BOARD'S OPERATION.

SHADOW/BARRIER VEHICLES:

57. WHENEVER THE WORK REQUIRES THE USE OF SHADOW VEHICLES, THE CONTRACTOR SHALL POSITION THE VEHICLE CLOSE ENOUGH TO WORKERS TO INSURE MAXIMUM PROTECTION. THE CONTRACTOR SHALL MOVE SHADOW VEHICLES AS THE ACTUAL WORK LOCATION WITHIN THE WORK ZONE CHANGES. IN NO CASE SHALL THE SHADOW VEHICLES BE PARKED CLOSER THAN 180 FEET FOR A STATIONARY OPERATION, NOR CLOSER THAN 230 FEET FOR A MOVING OPERATION, FROM THE BEGINNING OF THE WORK AREA. MORE THAN ONE SHADOW VEHICLE SHALL BE USED IF WORKERS ARE WORKING AT WORK LOCATIONS SUFFICIENTLY SEPARATED TO REQUIRE SEPARATE VEHICLES.
58. IN ADDITION TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, AND UNLESS OTHERWISE APPROVED BY THE ENGINEER, THE CONTRACTOR SHALL PROVIDE BARRIER VEHICLES FOR ALL ACTIVE WORK AREAS OCCUPYING ANY TRAVEL LANE OR SHOULDER CLOSED TO TRAFFIC WITH CONES, DRUMS OR OTHER CHANNELIZING DEVICES. SEPARATE BARRIER VEHICLES SHALL BE PROVIDED FOR EACH CLOSED LANE AND EACH SHOULDER 8 FEET OR GREATER IN WIDTH, EXCEPTIONS TO THIS REQUIREMENT MAY BE MADE WHERE, AS DETERMINED BY THE EIC, THE BARRIER VEHICLE PLACEMENT WOULD BE INEFFECTIVE OR WOULD INTERFERE WITH THE SAFE OPERATION OF TRAFFIC.
59. BARRIER VEHICLES SHALL BE USED AT ANY TIME THE MINIMUM BUFFER SPACE SHOWN IN THE TYPICAL DETAILS CANNOT BE ACHIEVED.

SIDEWALKS/DRIVEWAYS:

60. THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS TO MINIMIZE THE INTERRUPTION OF PEDESTRIAN TRAFFIC. THE SIDEWALK ON ONE SIDE OF THE ROADWAY SHALL REMAIN OPEN AND PASSABLE AT ALL TIMES. DURING THE RECONSTRUCTION OF SIDEWALKS, PEDESTRIAN SAFETY AND PROPERTY ACCESS MUST BE MAINTAINED AT ALL TIMES TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL PLACE ALL UNDERGROUND APPURTENANCES UNDER THE SIDEWALK FIRST.
61. AT LOCATIONS WHERE EXISTING SIDEWALK IS CLOSED, THE CONTRACTOR SHALL PLACE A TYPE III BARRICADE WITH NATIONAL M.U.T.C.D. R9-9 "SIDEWALK CLOSED" SIGN.
62. ACCESS TO RESIDENTIAL AND COMMERCIAL DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES, UNLESS OTHER AGREEMENTS, SUITABLE TO THE OWNERS, CAN BE MADE. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVE. THE CONTRACTOR SHALL MAINTAIN ACCESS TO COMMERCIAL DRIVEWAYS AT ALL TIMES WHEN A FACILITY IS IN USE. FOR MULTIPLE ACCESS PROPERTIES, ONLY ONE DRIVEWAY MAY BE CLOSED AT ONE TIME. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
63. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA. THE MATERIAL SHALL CONSIST OF CRUSHED STONE OR ASPHALT CONCRETE; WHICHEVER IS DEEMED MORE APPROPRIATE FOR THE CIRCUMSTANCES, A.O.B.E. PLASTIC DRUMS OR OTHER APPROVED TRAFFIC CONTROL DEVICES SHALL BE USED TO DELINEATE THE DRIVEWAY AND TO CONTROL ACCESS DURING NON-WORKING HOURS.
64. ACCESS TO ALL PROPERTIES AND CROSS STREETS SHALL BE MAINTAINED DURING CONSTRUCTION.

VARIABLE MESSAGE SIGNS:

65. TWO PORTABLE VARIABLE MESSAGE SIGNS (VMS) WILL BE LOCATED A.O.B.E. APPROACHING THE WORK AREA. THE SIGNS WILL BE IN PLACE AND OPERATING AT LEAST TWO WEEKS PRIOR TO BEGINNING ROAD WORK. THE MESSAGE AND LOCATION SHALL BE CHANGED A.O.B.E. THE MESSAGE TO BE APPROVED BY SCDPW PRIOR TO OPERATION.
66. PROVIDE ADVANCED COMMUNICATIONS WITH ALL STAKEHOLDERS; INCLUDING BUT NOT LIMITED TO ROAD USERS, LOCAL RESIDENTS, BUSINESS OWNERS, CIVIC ASSOCIATIONS, AREA FIRE DEPARTMENTS, S.C. POLICE DEPARTMENT, AREA EMERGENCY SERVICES, AND TOWN AND VILLAGE HIGHWAY DEPARTMENTS REGARDING CONSTRUCTION ACTIVITIES AND SCHEDULE.

TRENCH AREAS:

67. ALL DRAINAGE WORK SHALL BE COMPLETED, THE TRENCH BACKFILLED AND ASPHALT BINDER BROUGHT TO EXISTING GRADE BEFORE MOVING THE OPERATION UP OR ACROSS THE ROAD AND ONTO THE NEXT STAGE.
68. STEEL PLATING SHALL BE PROVIDED OVER ANY TRENCH, AREAS OF TRANSITION, OR TEMPORARY EXCAVATIONS WHICH CAN NOT BE SATISFACTORILY BACKFILLED BEFORE THE END OF THE WORK DAY.
69. ALL PIPE TRENCHES MUST BE BACKFILLED AND COMPACTED TO THE SATISFACTION OF THE ENGINEER AND TEMPORARY PAVEMENT SHALL BE PROVIDED, AS SPECIFIED AND, PRIOR TO THE LANE BEING OPENED TO VEHICULAR AND PEDESTRIAN TRAFFIC. OPEN EXCAVATIONS WILL NOT BE PERMITTED UNLESS SPECIFICALLY APPROVED IN WRITING BY THE ENGINEER. THE CONTRACTOR SHALL REQUEST IN WRITING AND SUBMIT SPECIFIC METHODS OF PROTECTION AND MAINTENANCE OF SAID EXCAVATIONS FOR REVIEW AND APPROVAL. MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE INCLUDED IN THE BID PRICE.

PEDESTRIANS/BICYCLISTS:

70. THE NEEDS AND CONTROL OF ALL ROAD USERS (MOTORISTS, BICYCLISTS AND PEDESTRIANS WITHIN THE HIGHWAY INCLUDING PERSONS WITH DISABILITIES IN ACCORDANCE WITH THE AMERICAN WITH DISABILITIES ACT OF 1990 (ADA) TITLE II) THROUGH A WORK ZONE SHALL BE AN ESSENTIAL PART OF THE ROADWAY CONSTRUCTION, UTILITY WORK, MAINTENANCE, AND THE MANAGEMENT OF TRAFFIC INCIDENTS.
71. THE CONTRACTOR SHALL PROVIDE, DELINEATE AND MAINTAIN A CLEAR TRAVEL PATH FOR PEDESTRIANS AND BICYCLISTS EITHER THROUGH OR AROUND WORK ZONES FOR THE DURATION OF THIS PROJECT, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE TRAVEL PATH SHALL COMPLY WITH THE PROVISIONS OF THE ADA GUIDELINES. THE CONTRACTOR MAY UTILIZE ANY COMBINATION OF THE FOLLOWING TO PROVIDE THE USABLE TRAVEL PATH: EXISTING SIDEWALKS/SHOULDERS; TEMPORARY SIDEWALKS/SHOULDERS; FINAL SIDEWALKS/SHOULDERS; AND EXISTING OR TEMPORARY SIDEWALK CURB RAMPS. THE USABLE TRAVEL PATH SHALL BE CLEARLY MARKED AND STAGED BETWEEN INTERSECTING ROADS TO ENSURE SAFE PEDESTRIAN CROSSING AND ACCESSIBILITY. PEDESTRIAN ACCESS TO RESIDENTIAL AND COMMERCIAL PROPERTIES SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.
72. THE CONTRACTOR SHALL CONDUCT WORK OPERATIONS TO MINIMIZE THE INTERRUPTION OF PEDESTRIAN TRAFFIC. THE TEMPORARY STORAGE OF CONSTRUCTION EQUIPMENT OR MATERIALS SHALL NOT BE PERMITTED ON ANY USABLE TRAVEL PATH THAT IS OPEN TO PEDESTRIAN TRAFFIC.

SIGNAL WORK:

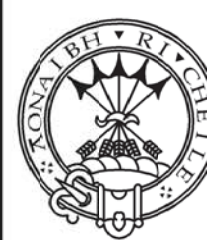
73. THE SIGNAL CAN NOT BE IN FIXED TIMING FOR MORE THEN 10 CALENDAR DAY UNDER ANY CIRCUMSTANCES. THE CONTRACTOR SHALL EMPLOY VIDEO DETECTION, TEMPORARY LOOPS OR ANOTHER METHOD AS APPROVED BY THE ENGINEER. NO MICROWAVE OR SONIC DETECTORS WILL BE APPROVED.
74. THE CONTRACTOR SHALL PROVIDE ENOUGH SLACK ON THE PROPOSED SPANS TO ACCOMMODATE THE RELOCATION OF THE SIGNAL HEADS A.O.B.E DURING EACH PHASE OF CONSTRUCTION. THE CONTRACTOR MAY UTILIZE THE EXISTING SIGNAL SECTIONS AS NEEDED A.O.B.E TO PROVIDE THE REQUIRED DISPLAYS AT THE PROPOSED SIGNAL DURING EACH PHASE. SPLICES WILL NOT BE PERMITTED ON THE FINAL INSTALLATIONS.
75. THE CONTRACTOR SHALL ENSURE THE SIGNAL PROVIDES ADEQUATE PEDESTRIAN TIMINGS AS PER SECTION 4E.10 OF THE NATIONAL MUTCD AND NYS SUPPLEMENT AND AS ORDERED BY THE ENGINEER.

SEPARATELY BOUND SPECIFICATIONS
ARE PART OF THIS CONTRACT

PLOT SCALE: CE2871 - See: h:\p\ce\DESIGN\CE-MPT-2.dwg, Date: February 7, 2022, Plotter: 24x36 PDF, Plotted by: Abigail Camara

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PROJECT NAME:
**SEWERSHED L
SEWER EXPANSION**

PROJECT LOCATION:
**VILLAGE OF SAG HARBOR
SUFFOLK COUNTY, NY 11963**

TITLE:
**MAINTENANCE & PROTECTION OF
TRAFFIC NOTES (2)**

DISCIPLINE:
CIVIL

PROJECT ENGINEER: MR	PROJECT NO. CE2871	DRAWING NO.
DESIGNED BY: AC	JOB NO. CE2871	MPT-2 DRAWING ---- of 4
DRAWN BY: AC	DATE: FEBRUARY 2022	
CHECKED BY: SH	SCALE: AS SHOWN	

**TABLE NY1-A
BARRIER VEHICLE USE REQUIREMENTS
(LONG TERM, INTERMEDIATE TERM & SHORT TERM STATIONARY CLOSURES)**

CLOSURE TYPE	EXPOSURE CONDITION 1	USE REQUIREMENTS 4, 5			
		FREEWAY	NON-FREEWAY (PRECONSTRUCTION POSTED SPEED LIMIT)		
			≥ 70km/h ≥ 45 MPH	55-65 km/h 35-40 MPH	≤ 50km/h ≤ 30 MPH
LANE CLOSURE	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED ³	REQUIRED ³	REQUIRED ³	OPTIONAL ²
	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	REQUIRED ³	REQUIRED ³	OPTIONAL ²	OPTIONAL ²
SHOULDER CLOSURE	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED ³	REQUIRED ³	OPTIONAL ²	OPTIONAL ²
	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	REQUIRED ³	OPTIONAL ²	OPTIONAL ²	OPTIONAL ²

1. THE EXPOSURE CONDITIONS DESCRIBED IN TABLE NY1-A ASSUMES THERE IS NO POSITIVE PROTECTION (TEMPORARY TRAFFIC BARRIER) PRESENT. WHERE WORKERS OR HAZARDS ARE PROTECTED BY A TEMPORARY TRAFFIC BARRIER, BARRIER VEHICLES ARE NOT REQUIRED.
2. WHERE THE REQUIREMENT IS "OPTIONAL", EITHER A BARRIER VEHICLE OR THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED.
3. REQUIREMENTS SHALL INCLUDE PROVIDING A SEPARATE BARRIER VEHICLE FOR EACH CLOSED LANE AND EACH CLOSED SHOULDER 8' OR GREATER IN WIDTH. IF THE WORK SPACE MOVES WITHIN THE STATIONARY CLOSURE, THE BARRIER VEHICLE SHALL BE REPOSITIONED ACCORDINGLY. BARRIER VEHICLES PROTECTING NON-TRAVERSABLE HAZARDS SHALL REMAIN IN PLACE DURING BOTH WORKING AND NON-WORKING HOURS UNTIL THE HAZARD NO LONGER EXISTS. EXCEPTIONS TO THESE REQUIREMENTS MAY BE MADE, AS APPROVED BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE WHERE BARRIER VEHICLE PLACEMENT WOULD BE INEFFECTIVE OR WOULD INTERFERE WITH THE SAFE OPERATION OF TRAFFIC.
4. BARRIER VEHICLES ARE NOT REQUIRED FOR MILLING AND/OR PAVING OPERATIONS, BUT THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED.
5. BARRIER VEHICLES ARE NOT REQUIRED FOR FLAGGING OPERATIONS.

NOTE

1. FOR REFERENCE AND PURPOSES OF USING THESE TABLES ON SUFFOLK COUNTY PROJECTS, USE THE PRECONSTRUCTION 85TH PERCENTILE SPEED, NOT THE PRECONSTRUCTION SPEED LIMIT AS SHOWN ON TABLES 6H-4, 6C-2, NY6H-3, NY1-B, AND NY2-B

TABLE 6H-4 FORMULAS FOR DETERMINING TAPER LENGTHS

SPEED LIMIT (S) (MPH)	TAPER LENGTH (L) (FEET)	L = TAPER LENGTH W = WIDTH OF OFFSET (FT) S = PRE CONSTRUCTION POSTED SPEED LIMIT (MPH)
40 MPH OR LESS	$L = WS^2/60$	
45 MPH OR MORE	$L = WS$	

STANDARD TAPER LENGTHS										
LATERAL SHIFT OF TRAFFIC FLOW PATH	TEMPORARY TRAFFIC CONTROL ZONE POSTED SPEED LIMIT									
	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	
4'	50'	65'	80'	115'	180'	210'	230'	280'	280'	280'
5'	65'	80'	115'	150'	230'	280'	280'	330'	330'	365'
6'	65'	100'	130'	175'	280'	330'	365'	400'	440'	
7'	80'	115'	150'	200'	350'	375'	410'	470'	500'	
8'	100'	130'	180'	230'	375'	425'	470'	500'	580'	
9'	100'	150'	200'	260'	425'	490'	540'	600'	660'	
10'	115'	175'	210'	280'	490'	540'	580'	680'	730'	
11'	130'	180'	230'	310'	540'	580'	640'	730'	820'	
12'	130'	180'	230'	350'	575'	640'	710'	800'	900'	

**TABLE 6C-2
LONGITUDINAL BUFFER SPACE**

PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	DISTANCE
25	175'
30	200'
35	260'
40	325'
45	375'
50	440'
55	500'
60	600'
65	700'

**TABLE NY2-A
PLACEMENT DISTANCE FOR BARRIER VEHICLES**

PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	PLACEMENT DISTANCE (FT)			
	BARRIER VEHICLES*			
	18000 LBS.		24000 LBS.	
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM
> 55	100'	200'	100'	200'
45 - 55	100'	200'	80'	175'
< 45	80'	160'	50'	100'

BARRIER VEHICLE: VEHICLE USED FOR STATIONARY SHOULDER CLOSURES, LANE CLOSURES AND OTHER STATIONARY WORK ZONES.

MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

**TABLE 6C-3
TAPER LENGTH CRITERIA
FOR TEMP. TRAFFIC CONTROL ZONES**

TYPE OF TAPER	TAPER LENGTH (L)
MERGING TAPER	L
SHIFTING TAPER	L/2
SHOULDER TAPER	L/3
ONE-LANE, TWO-WAY TRAFFIC TAPER	100' MAXIMUM
DOWNSTREAM TAPER	100' PER LANE

WORK ZONE TRAFFIC CONTROL LEGEND

SYMBOL	DESCRIPTION
	ARROW PANEL
	ARROW PANEL, CAUTION MODE
	ARROW PANEL TRAILER OR SUPPORT
	CHANGEABLE MESSAGE SIGN (PvMS)
	CHANNELIZING DEVICE
	CRASH CUSHION/TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TEMPORARY TRAFFIC DETOUR
	DIRECTION OF TRAFFIC
	FLAGGER
	FLAG TREE
	LUMINAIRE
	PAVEMENT MARKINGS THAT SHALL BE REMOVED FOR A LONG TERM PROJECT
	SIGN, TEMPORARY
	TEMPORARY BARRIER
	TEMPORARY BARRIER WITH WARNING LIGHTS
	TRAFFIC OR PEDESTRIAN SIGNAL
	TYPE III BARRICADE
	WARNING LIGHTS
	WORK SPACE
	WORK VEHICLE
	WORK VEHICLE W/ TRUCK MOUNTED ATTENUATOR

**TABLE NY6H-3
ADVANCE WARNING SIGN SPACING**

ROAD TYPE	DISTANCE BETWEEN SIGNS			SIGN LEGEND	
	A (FT)	B (FT)	C (FT)	XX	YY
URBAN (≤30 MPH*)	100	100	100	AHEAD	AHEAD
URBAN (35-40 MPH*)	200	200	200	AHEAD	AHEAD
URBAN (≥45 MPH*)	350	350	350	1000 FT	AHEAD

* PRECONSTRUCTION POSTED SPEED LIMIT OR 85th PERCENTILE SPEED

URBAN: (MEETS MORE THAN 1 OF THE FOLLOWING CRITERIA) SIDEWALKS, BICYCLE USAGE, CURBING, CLOSED DRAINAGE SYSTEMS, DRIVEWAY DENSITIES GREATER THAN 24 DRIVEWAYS/MI, MINOR COMMERCIAL DRIVEWAY DENSITIES OF 10 DRIVEWAYS/MI OR GREATER, MAJOR COMMERCIAL DRIVEWAYS, NUMEROUS RIGHT OF WAY CONSTRAINTS, HIGH DENSITY OF CROSS STREETS, 85TH PERCENTILE SPEEDS OF 45 MPH OR LESS.

RURAL: ANY AREA NOT EXHIBITING MORE THAN ONE OF ABOVE CHARACTERISTICS.

EXPRESSWAY: DIVIDED HIGHWAYS FOR THROUGH TRAFFIC WITH FULL OR PARTIAL CONTROL OF ACCESS AND GENERALLY WITH GRADE SEPARATIONS AT MAJOR CROSSROADS.

FREEWAYS/INTERSTATE: LOCAL OR INTERREGIONAL HIGH-SPEED, DIVIDED, HIGH-VOLUME FACILITIES WITH FULL OR PARTIAL CONTROL OF ACCESS.

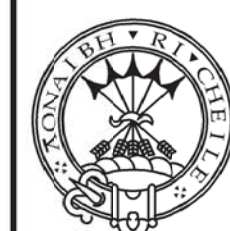
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PROJECT NAME:
**SEWERSHED L
SEWER EXPANSION**

PROJECT LOCATION:
**VILLAGE OF SAG HARBOR
SUFFOLK COUNTY, NY 11963**

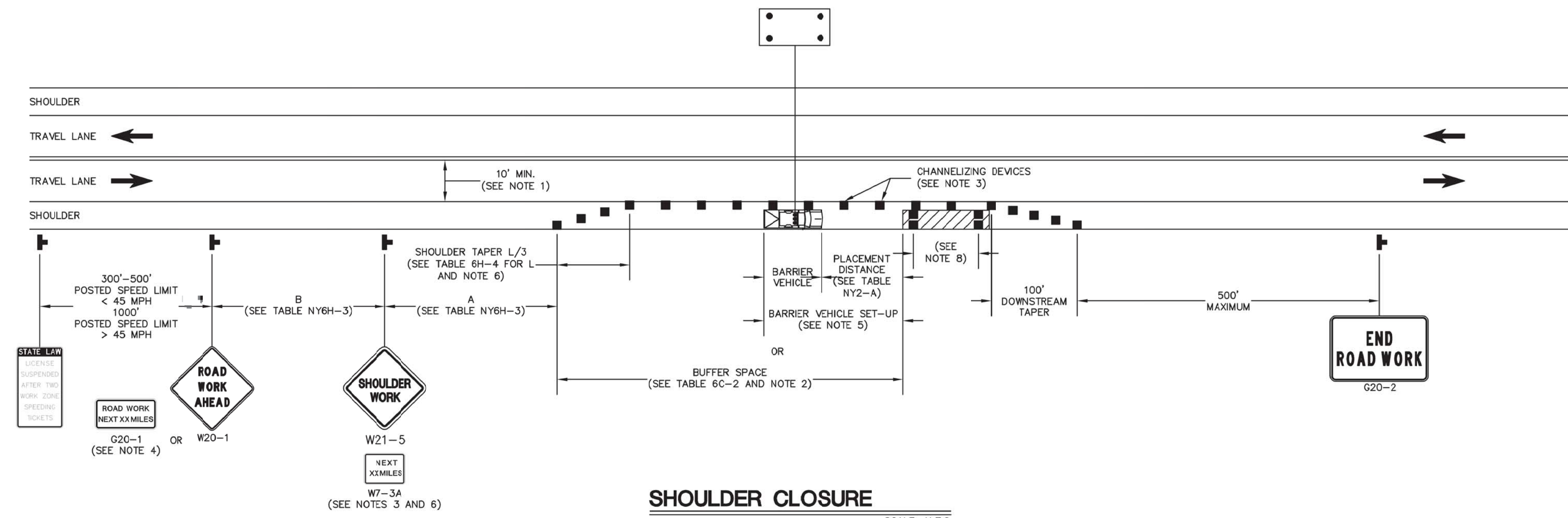
TITLE:
**MAINTENANCE & PROTECTION OF
TRAFFIC LEGEND & TABLES**

DISCIPLINE:
CIVIL

PROJECT ENGINEER:
MR
DESIGNED BY:
AC
DRAWN BY:
AC
CHECKED BY:
SH

PROJECT NO.
CE2871
JOB NO.
CE2871
DATE:
FEBRUARY 2022
SCALE:
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MPT-3
DRAWING
---- of 4



SHOULDER CLOSURE

SCALE: N.T.S.

NOTES:

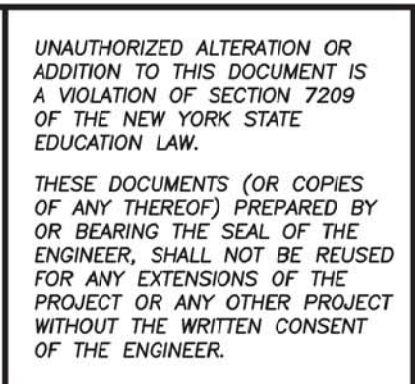
1. WHEN THE MINIMUM LANE WIDTH OF 10' CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, USE THE DETAIL FOR SHORT OR INTERMEDIATE TERM STATIONARY FLAGGING OPERATION.
2. NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE.
3. WHEN THE DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND WORK IS 2 MILES TO 5 MILES, SUPPLEMENTAL DISTANCE PLAQUE (W7-3a) SHOULD BE USED WITH THE SHOULDER WORK SIGN (W21-5).
4. THE ROAD WORK NEXT XX MILES SIGN (G20-1) MAY BE USED INSTEAD OF THE ROAD WORK AHEAD SIGN (W20-1) IF WORK LOCATIONS OCCUR OVER A DISTANCE OF MORE THAN 2 MILES.
5. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
6. IN THOSE SITUATIONS WHERE MULTIPLE WORK LOCATIONS EXIST WITHIN A LIMITED DISTANCE MAKE IT PRACTICAL TO PLACE STATIONARY SIGNS, THE DISTANCE BETWEEN THE ADVANCE WARNING SIGN AND WORK SHALL NOT EXCEED 5 MILES.
7. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
8. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 819 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

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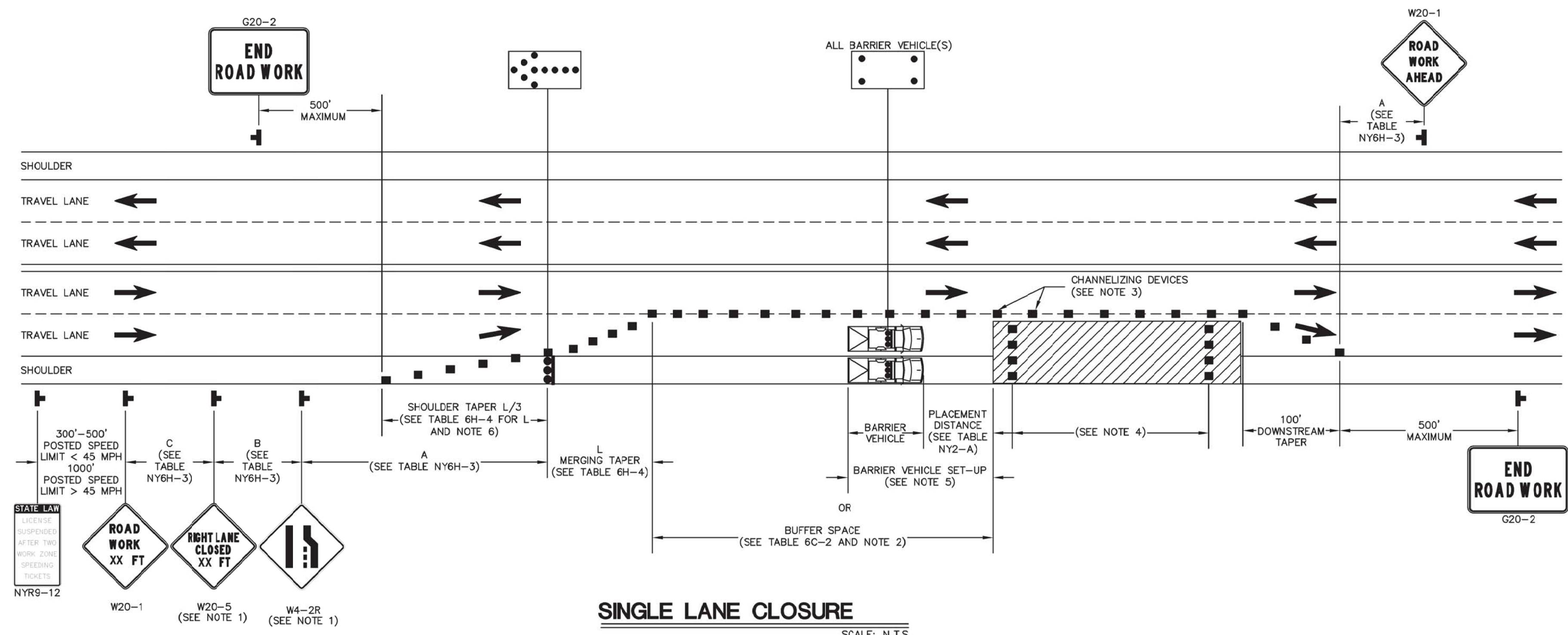
PROJECT NAME:
SEWERSHED L SEWER EXPANSION
 PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

TITLE:
MAINTENANCE & PROTECTION OF TRAFFIC SHOULDER CLOSURE
 DISCIPLINE:
 CIVIL

PROJECT ENGINEER:
 MR
 DESIGNED BY:
 AC
 DRAWN BY:
 AC
 CHECKED BY:
 SH

PROJECT NO.
 CE2871
 JOB NO.
 CE2871
 DATE:
 FEBRUARY 2022
 SCALE:
 AS SHOWN

DRAWING NO.
MPT-4
 DRAWING
 ---- of 4



- NOTES:**
- LEFT LANE CLOSURES ARE SYMMETRICAL TO RIGHT LANE CLOSURES. SUBSTITUTE LEFT LANE CLOSED SIGN (W20-5) AND THE CORRESPONDING LANE ENDS SIGN (W4-2L).
 - NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
 - CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
 - TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.
 - FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
 - WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND TO DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVELED WAY.

SEPARATELY BOUND SPECIFICATIONS ARE PART OF THIS CONTRACT

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PROJECT NAME:
**SEWERSHED L
SEWER EXPANSION**

PROJECT LOCATION:
**VILLAGE OF SAG HARBOR
SUFFOLK COUNTY, NY 11963**

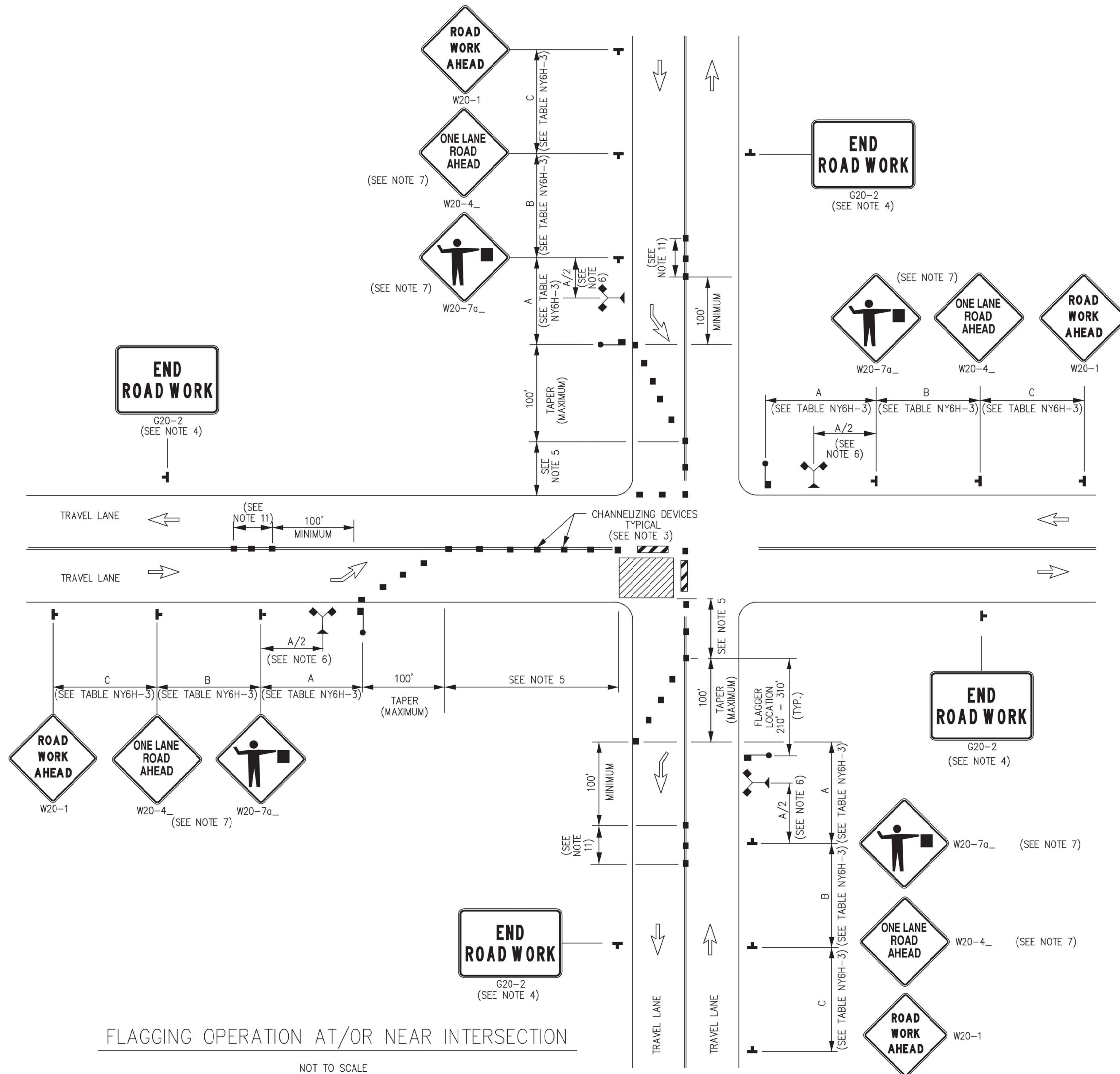
TITLE:
**MAINTENANCE & PROTECTION OF
TRAFFIC SINGLE LANE CLOSURE**

DISCIPLINE:
CIVIL

PROJECT ENGINEER: MR	PROJECT NO. CE2871	DRAWING NO. MPT-5
DESIGNED BY: AC	JOB NO. CE2871	DATE: FEBRUARY 2022
DRAWN BY: AC	CHECKED BY: SH	SCALE: AS SHOWN
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NOTES:

1. AT SIGNALIZED INTERSECTIONS, SIGNALS SHALL BE TURNED OFF FOR ANY FLAGGING OPERATIONS, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
2. WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK AREA AND DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVEL WAY.
3. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
4. THE END ROAD WORK SIGN (G20-2) SHALL BE PLACED A MAXIMUM OF 500' PAST THE END OF THE WORK SPACE.
5. WHERE DIRECTED BY THE ENGINEER, A BUFFER SPACE SHALL BE PROVIDED IN ORDER TO LOCATE THE ONE-LANE, TWO-WAY TRAFFIC TAPER PRIOR TO ANY HORIZONTAL OR VERTICAL CURVE, THUS PROVIDING ADEQUATE SIGHT DISTANCE FOR THE FLAGGERS AND/OR A QUEUE OF STOPPED VEHICLES.
6. THE FLAG TREE SHALL BE LOCATED ON THE SHOULDER, AT APPROXIMATELY 1/2 THE DISTANCE BETWEEN THE FLAGGER SIGN (W20-7a) AND THE FLAGGER.
7. FLAGGER SIGN (W20-7a) AND ONE LANE ROAD AHEAD SIGN (W20-4) SHALL BE REMOVED, COVERED OR TURNED AWAY FROM ROAD USERS WHEN FLAGGING OPERATIONS ARE NOT OCCURRING.
8. FLAGGER AND FLAG TREE SHALL BE ILLUMINATED TO LEVEL II ILLUMINATION DURING NIGHT TIME OPERATIONS.
9. ALL FLAGGERS SHALL USE 2' (MIN.) OCTAGON SHAPED STOP/SLOW PADDLES HAVING 6' STAFF.
10. ADDITIONAL FLAGGERS SHALL BE LOCATED AT ALL INTERSECTIONS AND COMMERCIAL DRIVEWAYS LOCATED WITHIN OR NEAR THE ACTIVE WORK AREA.
11. CENTERLINE CHANNELIZING DEVICES ARE OPTIONAL AND MAY BE ELIMINATED WHERE SPACE CONSTRAINTS EXIST.
12. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
13. SEE DRAWING MPT7 FOR PEDESTRIAN DETOUR ACCOMMODATIONS.
14. SEE MAINTENANCE & PROTECTION OF TRAFFIC - LEGEND & TABLES SHEET FOR LEGEND OF SYMBOLS, LETTER CODE AND TABLE NUMBERS USED IN THIS DRAWING.

FLAGGING OPERATION AT/ OR NEAR INTERSECTION

NOT TO SCALE

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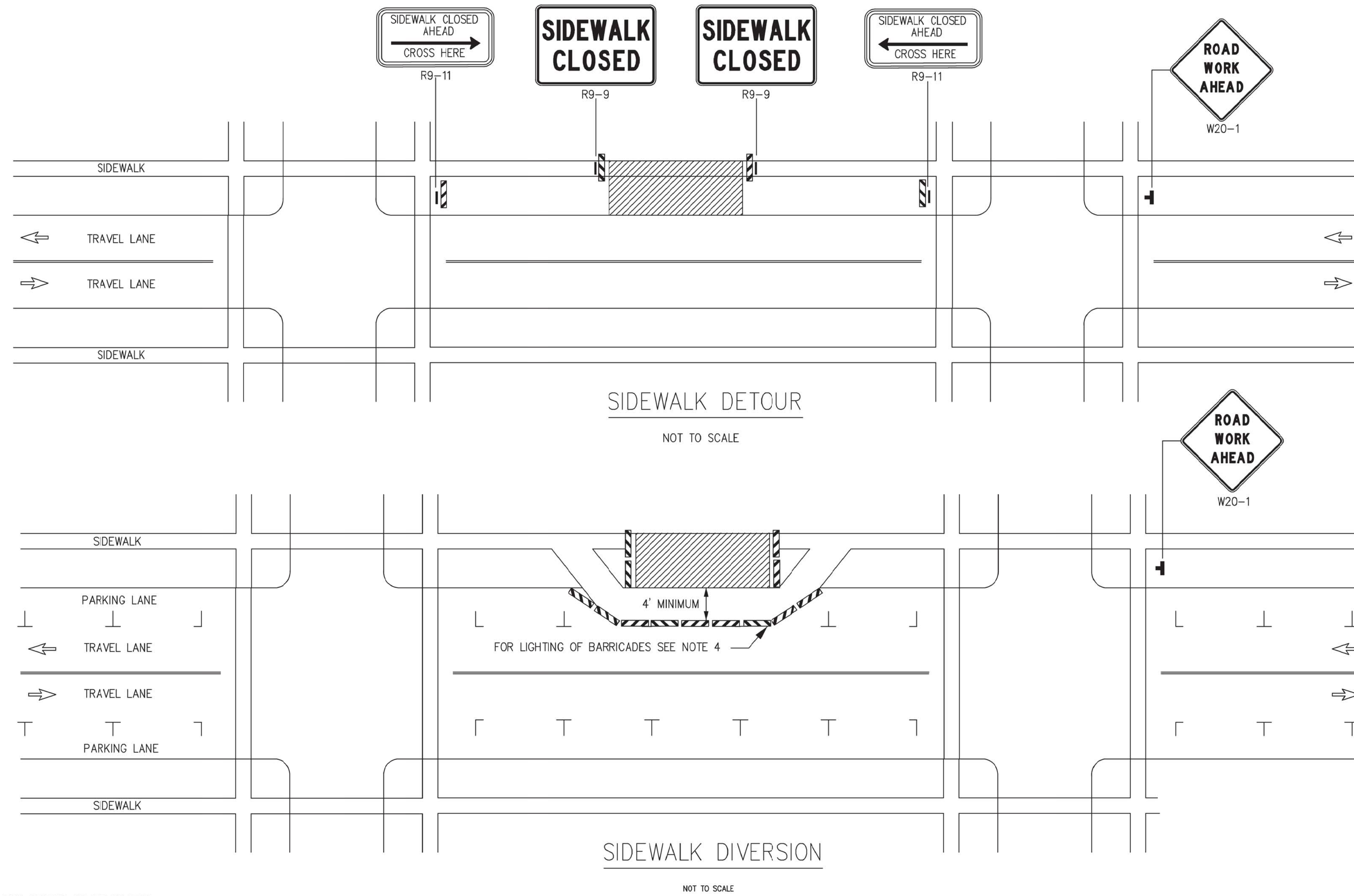
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PROJECT NAME:
SEWERSHED L SEWER EXPANSION
 PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

TITLE:
MAINTENANCE & PROTECTION OF TRAFFIC FLAGGING OPERATION NEAR INT
 DISCIPLINE:
CIVIL

PROJECT ENGINEER: MR	PROJECT NO. CE2871	DRAWING NO. MPT-6
DESIGNED BY: AC	JOB NO. CE2871	DATE: FEBRUARY 2022
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<p style="text-align: right;">DRAWING ---- of 4</p>		



NOTES:

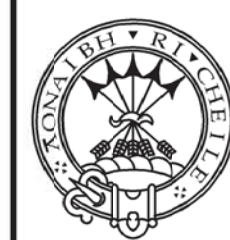
- WHEN CROSSWALKS OR OTHER PEDESTRIAN FACILITIES ARE CLOSED OR RELOCATED, TEMPORARY FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING FACILITY.
- WHERE HIGH SPEEDS ARE ANTICIPATED, A TEMPORARY TRAFFIC BARRIER AND TEMPORARY IMPACT ATTENUATOR SHOULD BE USED TO SEPARATE THE TEMPORARY SIDEWALKS FROM VEHICULAR TRAFFIC.
- ONLY THE WORK ZONE TRAFFIC CONTROL DEVICES RELATED TO PEDESTRIANS ARE SHOWN. OTHER DEVICES, SUCH AS LANE CLOSURE SIGNING OR ROAD NARROWS SIGNS (W5-4), MAY BE USED TO CONTROL VEHICULAR TRAFFIC.
- FOR NIGHTTIME CLOSURES, FLASHING WARNING LIGHTS SHALL BE USED ON BARRICADES SUPPORTING SIGNS AND CLOSING SIDEWALKS.
- SIGNS SUCH AS KEEP RIGHT (LEFT) SHALL BE PLACED ALONG A TEMPORARY SIDEWALK, WHERE APPLICABLE AND ACCORDING TO AMERICAN WITH DISABILITIES STANDARDS, TO GUIDE OR DIRECT PEDESTRIANS.
- AREA SHALL BE RE-CONSTRUCTED TO BE ACCESSIBLE TO PEDESTRIANS.
- SEE MAINTENANCE & PROTECTION OF TRAFFIC - LEGEND & TABLES SHEET FOR LEGEND OF SYMBOLS, LETTER CODE AND TABLE NUMBERS USED IN THIS DRAWING.

SEPARATELY BOUND SPECIFICATIONS ARE PART OF THIS CONTRACT

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NO.	DATE	REVISION DESCRIPTION	INT.

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 T: (516) 827-4900
 T: (212) 324-8000
 T: (914) 721-8300
 CCNYR0311

PROJECT NAME:
SEWERSHED L SEWER EXPANSION
 PROJECT LOCATION:
VILLAGE OF SAG HARBOR SUFFOLK COUNTY, NY 11963

TITLE:
MAINTENANCE & PROTECTION OF TRAFFIC SIDEWALK DIVERSION
 DISCIPLINE:
CIVIL

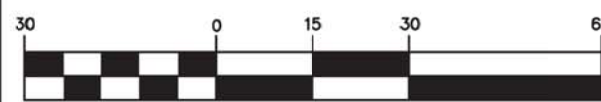
PROJECT ENGINEER:
 MR
 DESIGNED BY:
 AC
 DRAWN BY:
 AC
 CHECKED BY:
 SH

PROJECT NO.
 CE2871
 JOB NO.
 CE2871
 DATE:
 FEBRUARY 2022
 SCALE:
 AS SHOWN

DRAWING NO.
MPT-7
 DRAWING
 ---- of 4

PLOT BOARD: CE2871 - Sag Harbor DESIGN PAVEMENT MARKINGS.dwg, Date: February 7, 2022, Plotter: Pksetup24x36 PDF, Plotted by: Abigail Camara

GRAPHIC SCALE



(IN FEET)
 HORIZ. 1 inch = 30 ft.

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PROJECT NAME:
**SEWERSHED L
 SEWER EXPANSION**

PROJECT LOCATION:
**VILLAGE OF SAG HARBOR
 SUFFOLK COUNTY, NY 11963**

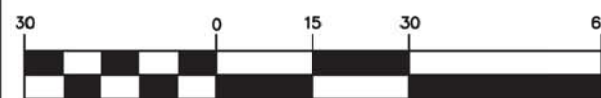
TITLE:
**PAVEMENT MARKINGS PLAN
 PAVEMENT MARKING PLAN 0+00
 TO 18+58**

DISCIPLINE:
 CIVIL

PROJECT ENGINEER: MR	PROJECT NO. CE2871	DRAWING NO. PM-1
DESIGNED BY: AC	JOB NO. CE2871-2023-09	DATE: FEBRUARY 2022
DRAWN BY: AC	CHECKED BY: SH	SCALE: AS SHOWN
DRAWING ---- of 4		

Plot: S:\CE2871 - Sag Harbor\DESIGN\PAVEMENT MARKINGS.dwg, Date: February 7, 2022, Plotter: 24x36 PDF, Plotted by: jhughe@camer

GRAPHIC SCALE

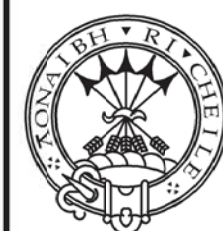


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PROJECT NAME:

SEWERSHED L
SEWER EXPANSION

PROJECT LOCATION:

VILLAGE OF SAG HARBOR
SUFFOLK COUNTY, NY 11963

TITLE:

PAVEMENT MARKINGS PLAN
PAVEMENT MARKING PLAN 18+58
TO 37+56

DISCIPLINE:

CIVIL

PROJECT ENGINEER:

MR

DESIGNED BY:

AC

DRAWN BY:

AC

CHECKED BY:

SH

PROJECT NO.:

CE2871

JOB NO.:

CE2871

DATE:

FEBRUARY 2022

SCALE:

AS SHOWN

DRAWING NO.:

PM-2

DRAWING

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PROJECT NAME:

**SEWERSHED L
SEWER EXPANSION**

PROJECT LOCATION:

**VILLAGE OF SAG HARBOR
SUFFOLK COUNTY, NY 11963**

TITLE:

**PAVEMENT MARKINGS PLAN
PAVEMENT MARKING PLAN 37+56
TO 51+10**

DISCIPLINE:
CIVIL

PROJECT ENGINEER:

MR

DESIGNED BY:

AC

DRAWN BY:

AC

CHECKED BY:

SH

PROJECT NO.:

CE2871

JOB NO.:

CE2871-2023-09

DATE:

FEBRUARY 2023

SCALE:

AS SHOWN

DRAWING NO.:

PM-3

DRAWING
---- of 4