

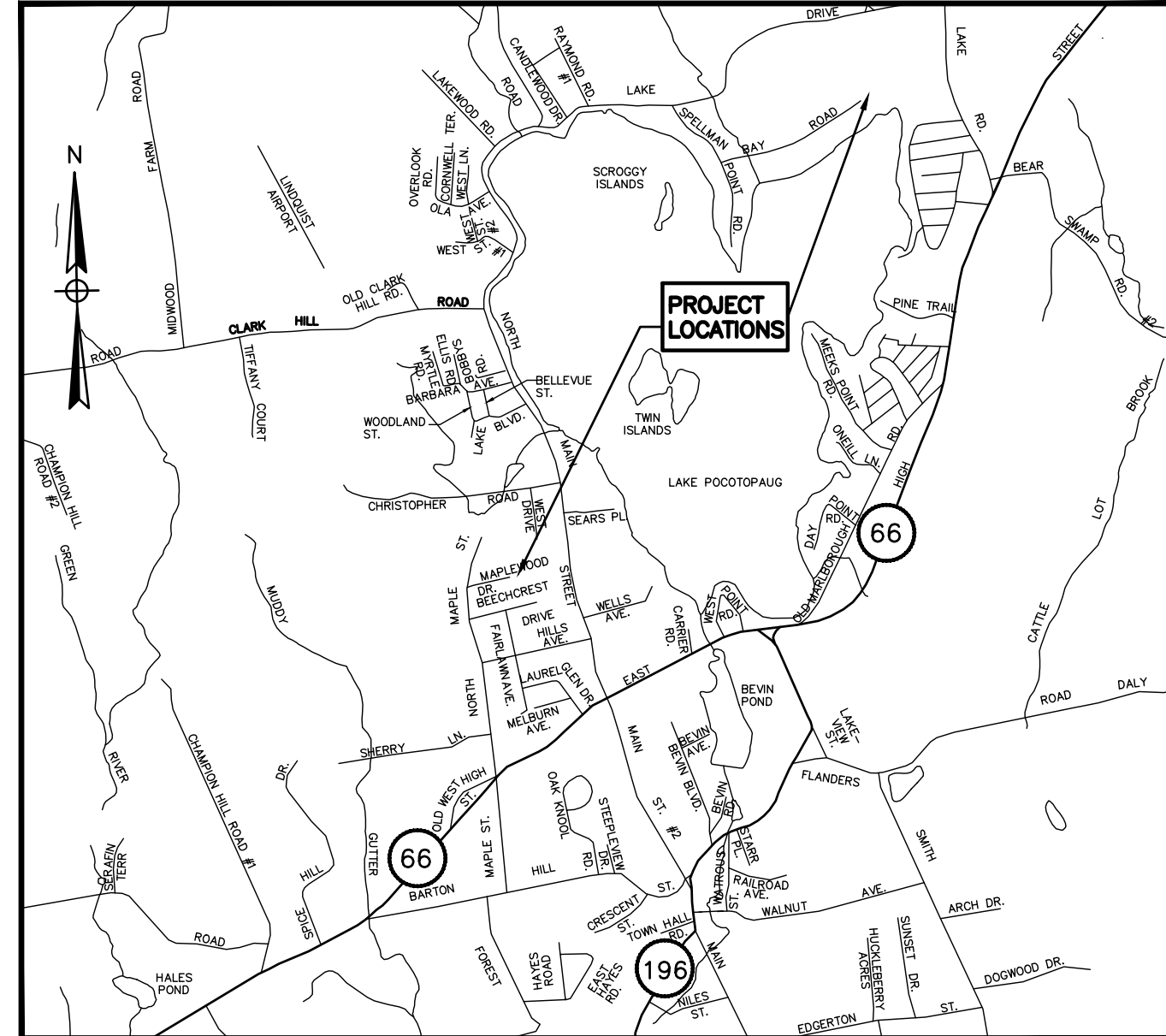
PROPOSED SANITARY SEWER FORCE MAIN IMPROVEMENTS

MAPLEWOOD DRIVE AND BAY ROAD EAST HAMPTON, CONNECTICUT

PREPARED FOR
TOWN OF EAST HAMPTON WPCA
20 GILDERSLEEVE DRIVE
EAST HAMPTON, CONNECTICUT 06424

INDEX TO DRAWINGS

DRAWING NO.	DESCRIPTION OF DRAWINGS
1	Maplewood Drive Site Plan
2	Maplewood Drive Profile
3	Bay Road Site Plan & Profile
4	Details



LOCATION MAP

NOT TO SCALE

LEGEND TO DRAWINGS

---	PROPERTY LINE
==	CATCH BASIN & CULVERT
W	WATER
S	SEWER
FM	SEWER FORCE MAIN
G	GAS
-126-	CONTOUR
124.2 x	SPOT ELEVATION
⊙	UTILITY POLE
E	ELECTRIC
T	TELEPHONE
ET	ELECTRIC & TELEPHONE
SF	SILT FENCE
X	FENCE
~	RETAINING WALL
—	STONE WALL
+	TEST HOLE
~	TREE/SHRUB LINE
W	WETLAND FLAGS/LIMITS
---	FLOOD PLAIN & FLOODWAY
o	GUIDE RAIL

June 21, 2022

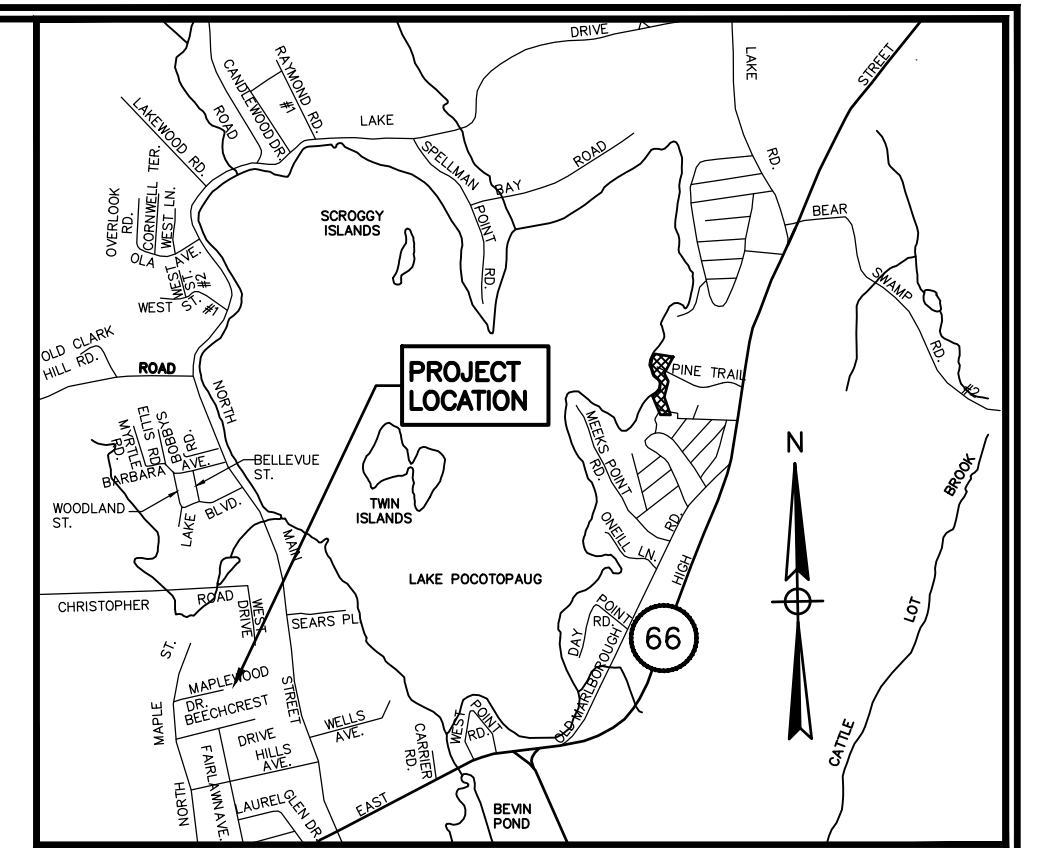
CLA Engineers, Inc.

CIVIL • STRUCTURAL • SURVEYING

317 Main Street Norwich, CT 06360
(860) 886-1966 Fax (860) 886-9165

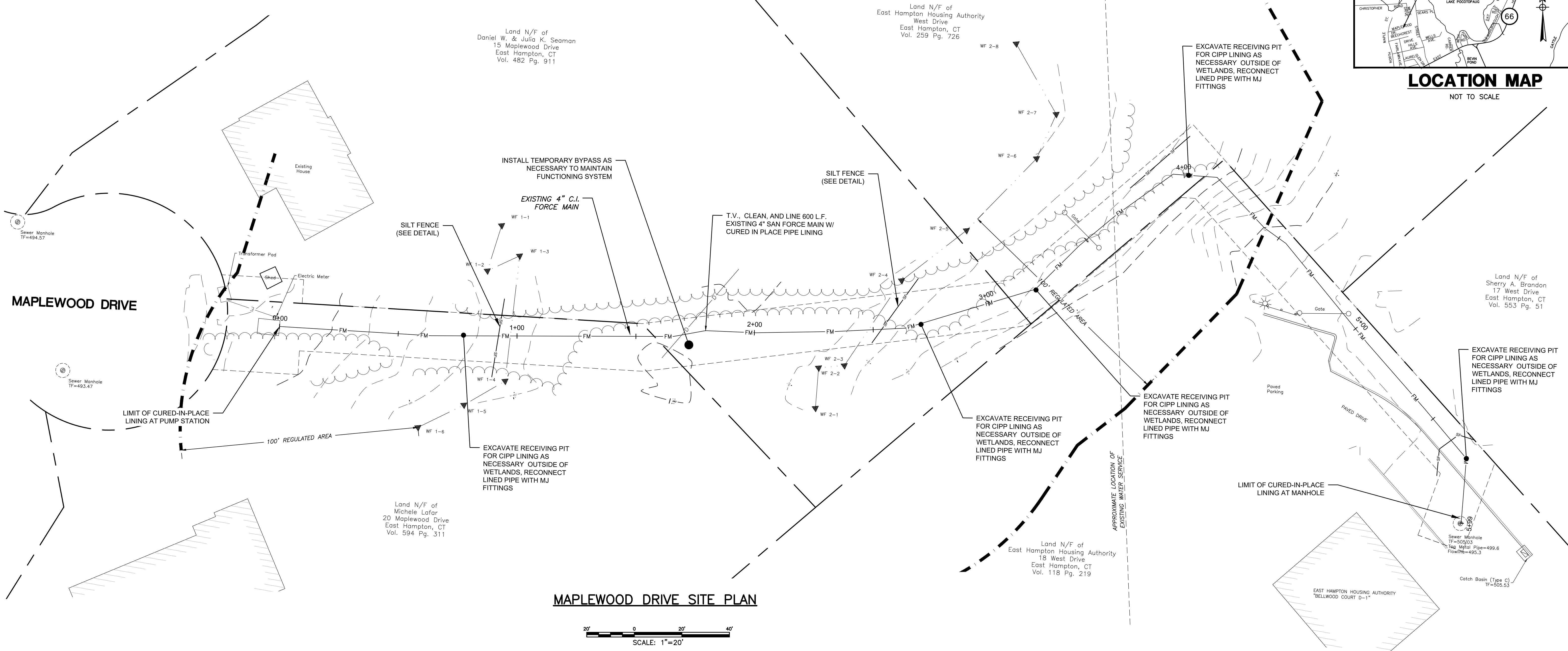
CONSTRUCTION SEQUENCE

1. NOTIFY TOWN STAFF AT LEAST 48 HOURS IN ADVANCE OF COMMENCEMENT OF CONSTRUCTION
2. INSTALL WOOD CHIP BERM EROSION AND SEDIMENTATION CONTROL
3. INSTALL AND TEST NEW 4" FORCE MAIN AND MAKE CONNECTION AT DISCHARGE MANHOLE
4. SETUP TEMPORARY PUMPING ARRANGEMENT PER DETAIL
5. MAKE NEW CONNECTION AT PUMP STATION
6. RESTORE ALL DISTURBED SURFACES TO ORIGINAL CONDITION



LOCATION MAP

NOT TO SCALE



MAPLEWOOD DRIVE SITE PLAN



LEGEND:

- | | | | |
|--|---------------------|--|--|
| | PROPERTY LINE | | TREE LINE |
| | SEWER EASEMENT | | EDGE OF WETLANDS |
| | UPLAND REVIEW AREA | | STREAM |
| | PROPOSED SILT FENCE | | WETLAND FLAG/LINE |
| | GAS LINE | | CATCH BASIN |
| | SEWER LINE | | ELECTRIC MANHOLE |
| | SEWER FORCE MAIN | | SEWER MANHOLE |
| | DRAINAGE PIPE | | DRAINAGE MANHOLE |
| | CONTOUR | | UTILITY POLE |
| | CHAIN LINK FENCE | | DRILL HOLE |
| | STOCKADE FENCE | | IRON PIN, IRON PIPE |
| | RETAINING WALL | | MERESTONE, CT HIGHWAY DEPARTMENT, MONUMENT |
| | STONE WALL | | TREE |
| | GUIDERAIL | | SHRUB |
| | | | LAMP |

I HAVE REVIEWED THE WETLANDS ON THE PROPERTY IN THE FIELD AND HAVE REVIEWED THE WETLANDS AS SHOWN ON THE PLAN AND FIND THAT THEY SUBSTANTIALLY REPRESENT THE WETLANDS AS DELINEATED IN THE FIELD.

ROBERT C. RUSSO
CERTIFIED SOIL SCIENTIST

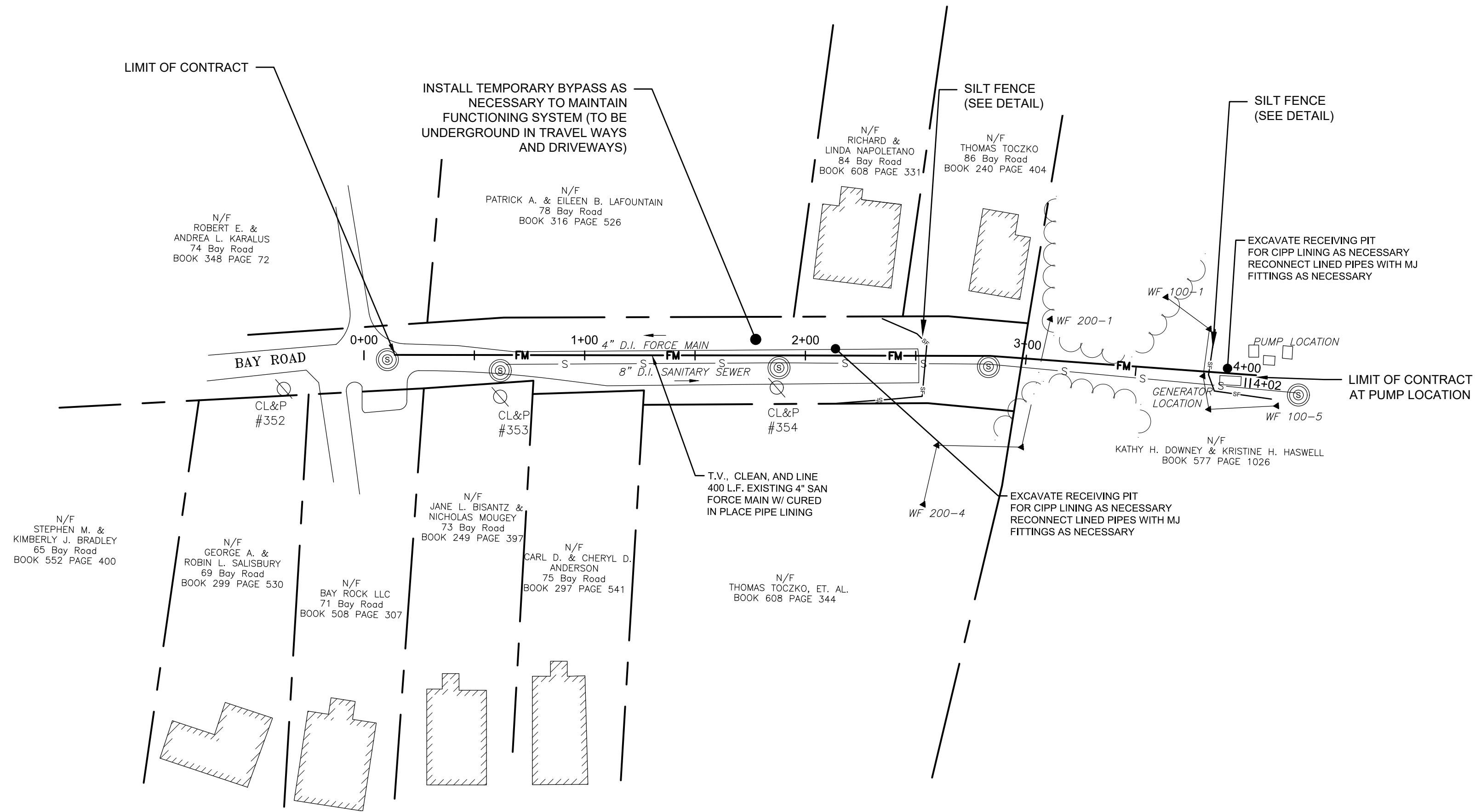
DATE _____

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		Proj. Engineer R.A.D.
<p>EAST HAMPTON WPCA</p> <p>SANITARY SEWER FORCE MAIN IMPROVEMENTS</p> <p>MAPLEWOOD DRIVE SITE PLAN</p>		Date: 6/21/2022
		Sheet No. 1

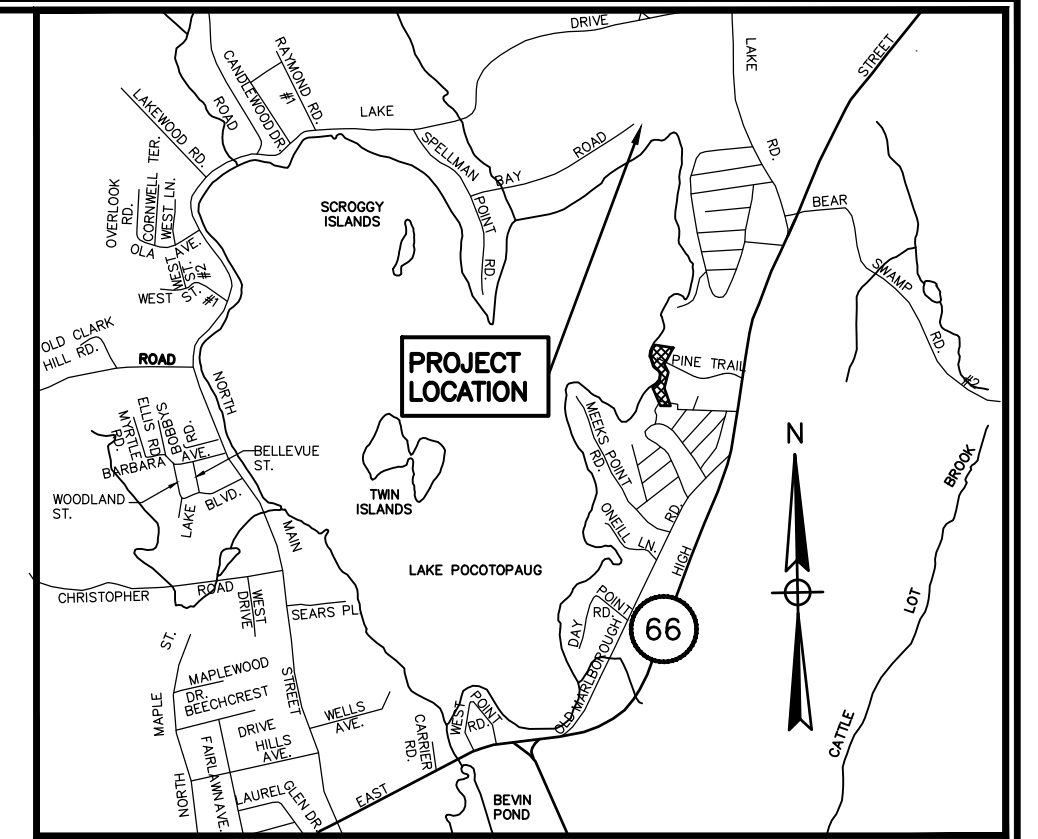
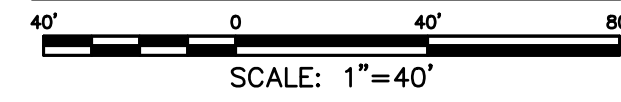


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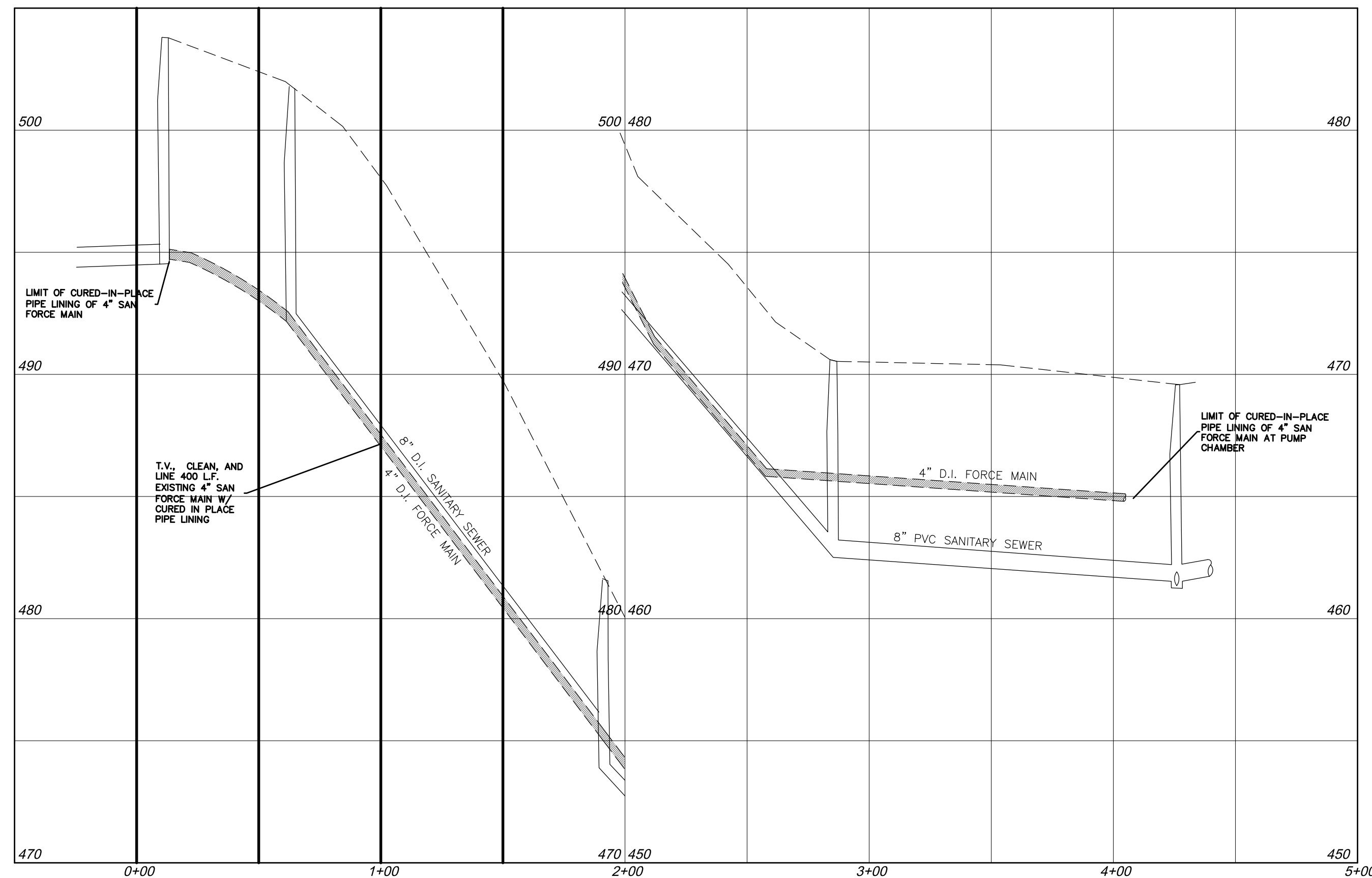


BAY ROAD SITE PLAN



LOCATION MAP

NOT TO SCALE



FORCE MAIN IMPROVEMENTS BAY ROAD

Horiz. Scale = 1" = 40 Feet
Vert. Scale = 1" = 4 Feet

LEGEND:

- — — — — PROPERTY LINE
- - - - - SEWER EASEMENT
- — — — — UPLAND REVIEW AREA
- - - - - PROPOSED SILT FENCE
- S — S SEWER LINE
- FM — FORCE MAIN
- — — — — DRAINAGE PIPE
- ~ ~ ~ ~ ~ TREE LINE
- ~ ~ ~ ~ ~ EDGE OF WETLANDS
- — — — — STREAM
- — — — — WETLAND FLAG/LINE
- CATCH BASIN
- SEWER MANHOLE
- DRAINAGE MANHOLE
- UTILITY POLE
- TREE
- SHRUB

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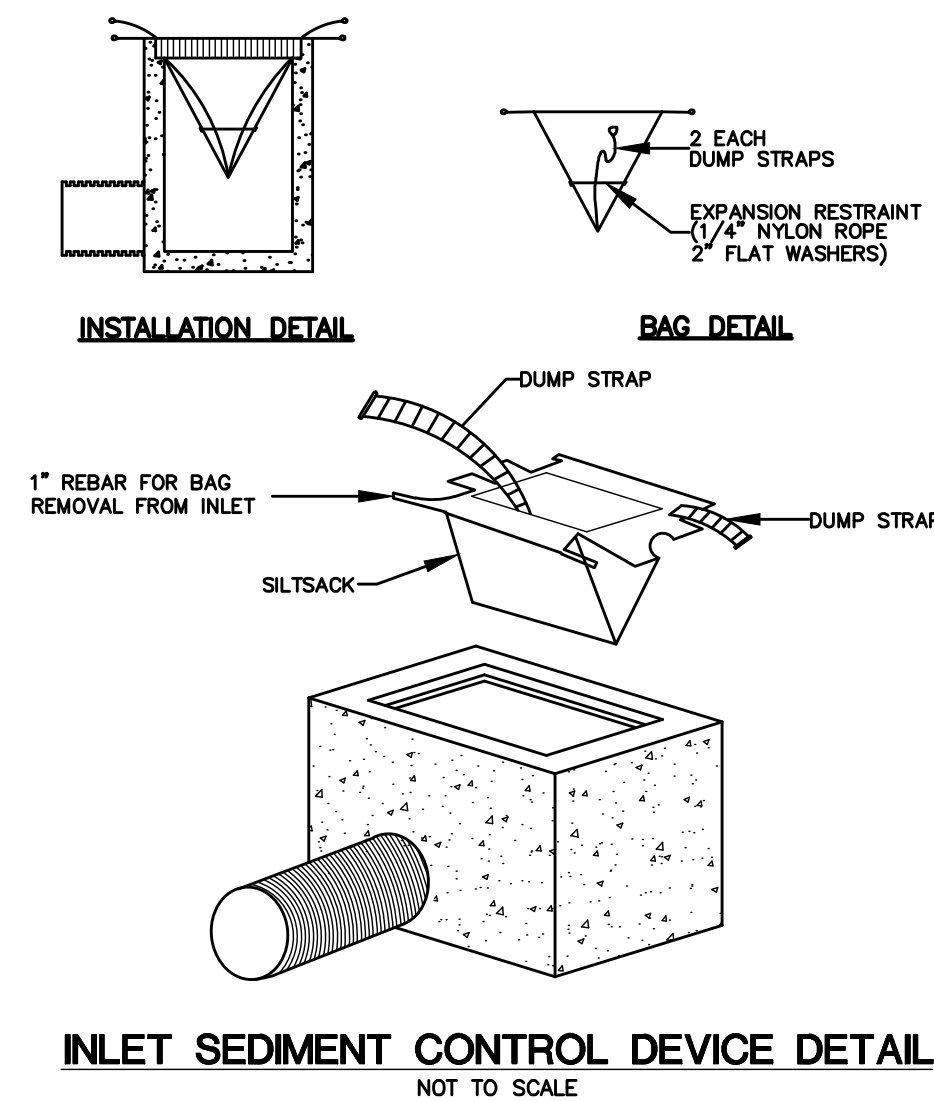
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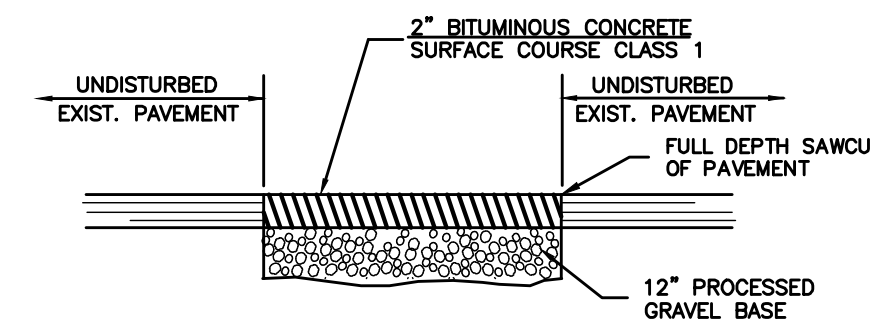
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No.	DATE	REVISION	
EAST HAMPTON WPCA			Project No. CLA-6385
SANITARY SEWER FORCE MAIN IMPROVEMENTS			Proj. Engineer R.A.D
BAY ROAD SITE PLAN			Date: 6/21/2022
			Sheet No. 3

GENERAL NOTES

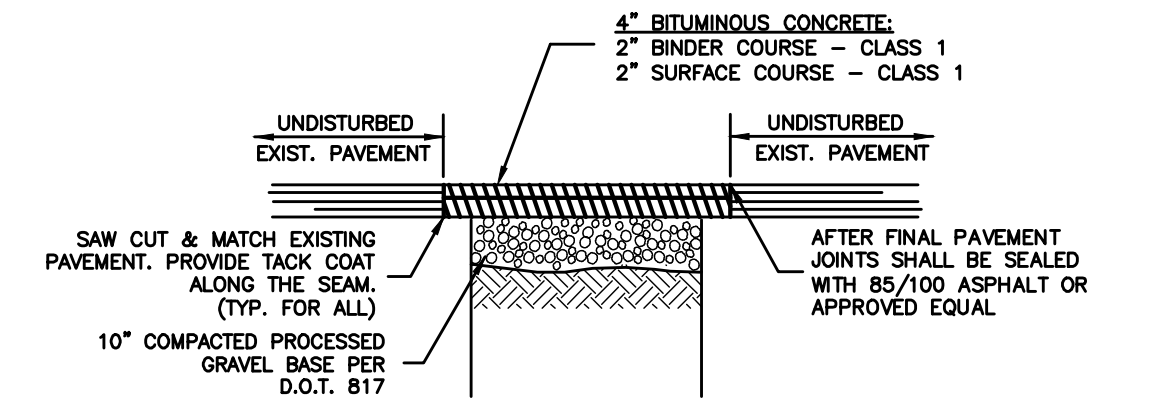
- CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 811 AT LEAST 2 FULL WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- INFORMATION SHOWN ON THE DRAWINGS RELATING TO MATERIALS, CONDITIONS, AND/OR LOCATIONS OF EXISTING STRUCTURES AND UTILITIES HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING FIELD SURVEY, UTILITY COMPANY AND TOWN RECORD MAPS AND DRAWINGS, AND IS NOT GUARANTEED ACCURATE OR COMPLETE.
- THE CONTRACTOR SHALL EXCAVATE TEST PITS AS NEEDED OR AS DIRECTED TO VERIFY UTILITY INFORMATION.
- PASSAGE OF TRAFFIC ON ROADWAYS/DRIVEWAYS: A MINIMUM OF ONE LANE FOR TRAFFIC SHALL BE MAINTAINED THROUGH THE SITE AT ALL TIMES. THE CONTRACTOR SHALL PERFORM HIS OPERATIONS TO MINIMIZE DISRUPTIONS TO TRAFFIC WITHIN THE PROJECT SITE. A SINGLE LANE OF TRAFFIC MUST BE MAINTAINED AT ALL TIMES FOR RESIDENTS, BUSINESSES AND EMERGENCY VEHICLES.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF TRAFFIC, TRAFFIC CONTROL, TEMPORARY SIGNING OR BARRICADES AND LANE CLOSURES. CONTINUOUS ACCESS FOR EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES.
- CONSTRUCTION SIGNS MUST CONFORM TO THE SIGNING REQUIREMENTS OUTLINED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)". ALL SIGN FACES SHALL BE REFLECTORIZED.
- THE CONTRACTOR SHALL CONFINE HIS OPERATIONS AND ACTIVITIES FOR CONSTRUCTION PURPOSES WITHIN THE STREET LINES, EASEMENTS AND PROPERTY AS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING PAVEMENT, ROADWAY, SIDEWALKS, ETC., OUTSIDE OF THE WORK AREA AND SHALL REPAIR SUCH DAMAGE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TEMPORARY AND PERMANENT SUPPORT OF ALL EXISTING UTILITY POLES IN AN ADJACENT TO THE CONSTRUCTION AREA AND SHALL COMPLY WITH ALL THE REQUIREMENTS AND SPECIAL DETAILS FOR THE SUPPORT OF UTILITIES REQUIRED BY UTILITY AGENCIES.
- MATERIAL STOCKPILE AND STAGING AREAS: THE CONTRACTOR SHALL LOCATE STOCKPILE, MATERIAL STORAGE AND EQUIPMENT STORAGE AREAS AS SHOWN ON THE PLANS. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL IDENTIFY THESE AREAS AND PROVIDE EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED. ADJUSTMENTS TO THESE LOCATIONS MAY BE MADE IN THE FIELD PROVIDED THAT EROSION AND SEDIMENTATION CONTROL MEASURES ARE FURNISHED & INSTALLED AND IN NO CASE MAY THEY BE LOCATED WITHIN THE 100-FOOT REGULATED AREAS.
- IF BLASTING IS PERFORMED A PRE-BLAST SURVEY WILL BE REQUIRED. ANY AND ALL BLASTING SHALL CONFORM TO THE REGULATIONS SET FORTH BY THE TOWN AND SHALL BE APPROVED BY THE APPROPRIATE TOWN AGENCIES AND ADJACENT UTILITY OWNERS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTLE TO GRADE ALL FRAMES, GRATES, COVERS, VALVE BOXES, ACCESS COVERS, AND ALL OTHER ITEMS WHICH NORMALLY MUST HAVE A FIXED RELATION TO FINISHED GRADE.
- ALL WORK TO CONFORM TO THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION FORM 818, DATED 2020, AS REVISED.
- ALL FILL MATERIAL (BORROW) IMPORTED TO THE SITE SHALL BE "CLEAN FILL" IN ACCORDANCE WITH DEEP'S SOLID WASTE MANAGEMENT REGULATIONS (RCSA SECTION 22a-209-1).



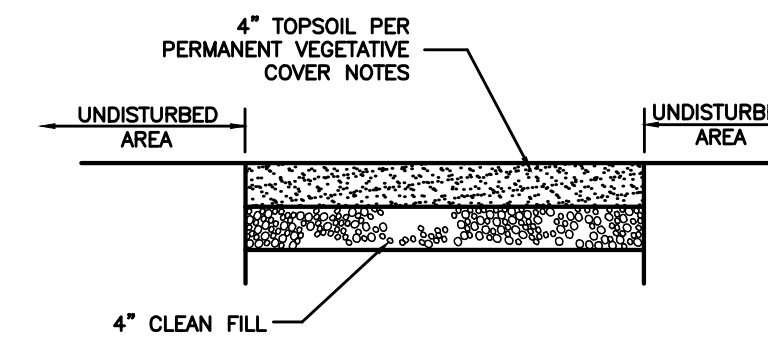
INLET SEDIMENT CONTROL DEVICE DETAIL
NOT TO SCALE



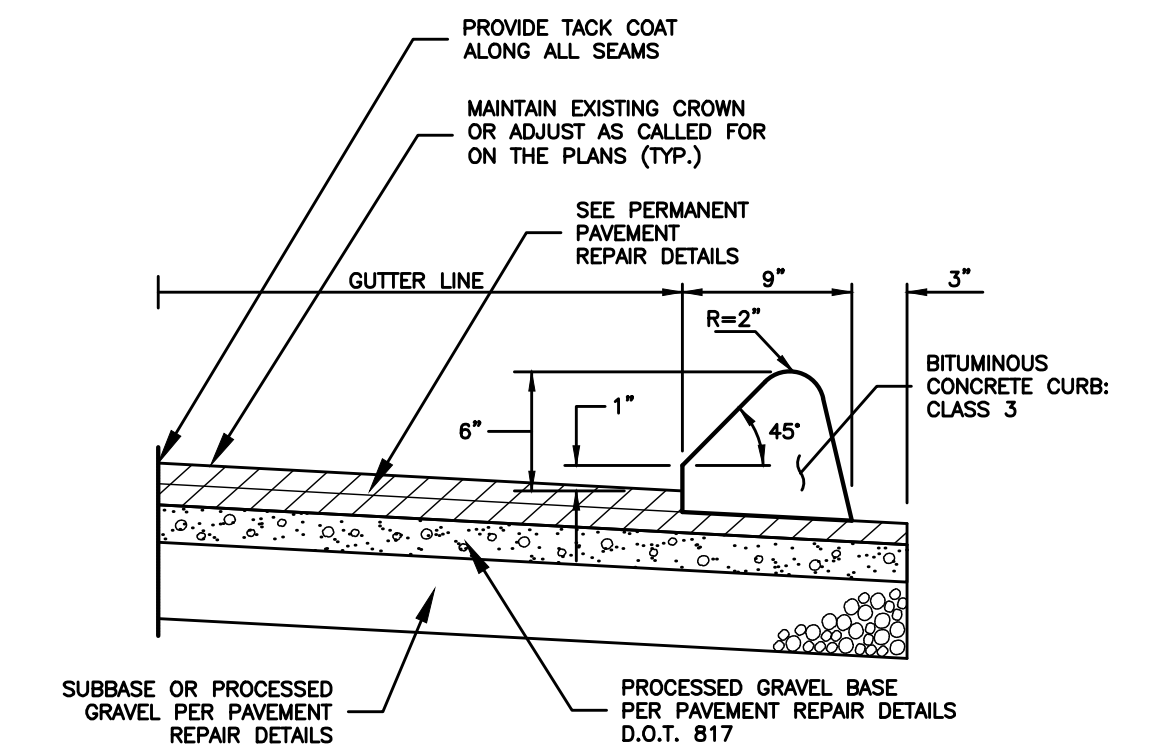
TEMPORARY PAVEMENT REPAIR (LOCAL ROADS)
NOT TO SCALE



PERMANENT PAVEMENT REPAIR (LOCAL ROADS)
NOT TO SCALE



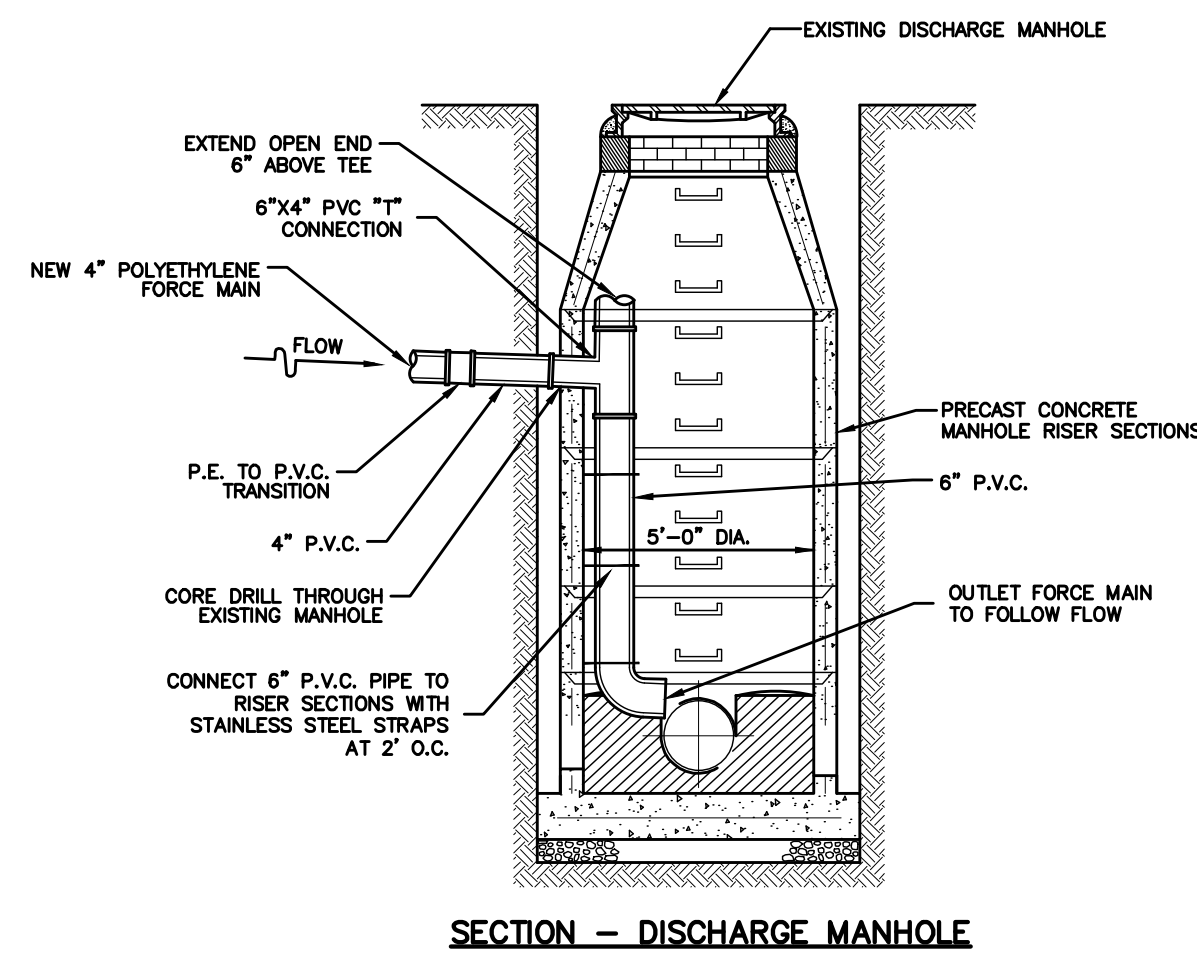
SLOPE STABILIZATION DETAILS
NOT TO SCALE



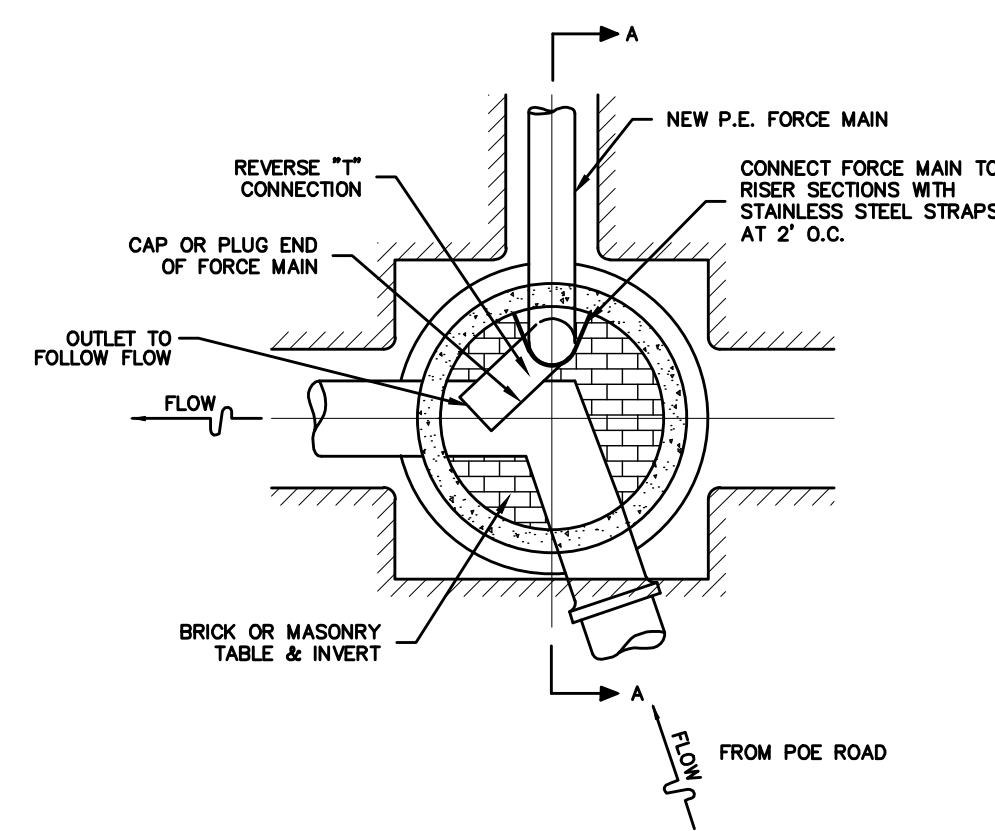
BITUMINOUS CONCRETE LIP CURBING
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EROSION CONTROL & SEDIMENTATION NARRATIVE

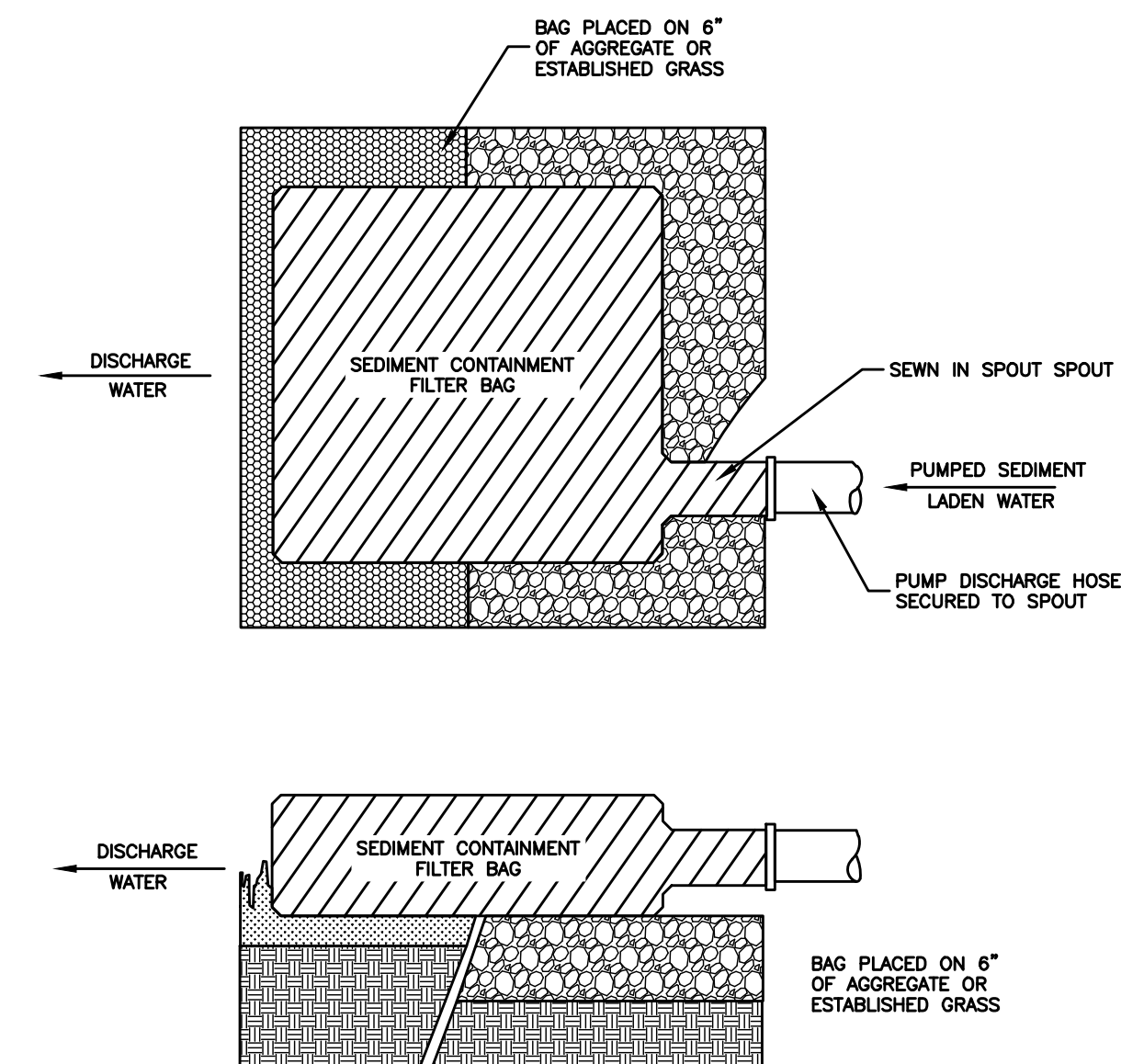
- PRIOR TO THE INSTALLATION OF ANY EROSION AND SEDIMENT CONTROL MEASURES, THE OWNER AND CONTRACTOR SHALL MEET WITH THE TOWN OF EAST HAMPTON WETLANDS OFFICER.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE. ADDITIONAL EROSION & SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED TO BE NECESSARY BY THE WETLANDS OFFICER.
- THE CONTRACTOR SHALL CONTACT THE WETLANDS OFFICER FOR INSPECTION OF THE SEDIMENT AND EROSION CONTROL MEASURES, PRIOR TO SITE DISTURBANCE. CONSTRUCTION SHALL NOT BEGIN UNTIL SUCH TIME AS THE WETLANDS OFFICER HAS REVIEWED AND APPROVED THE INSTALLATION OF THE SEDIMENTATION AND EROSION CONTROL MEASURES.
- CONTRACTOR TO INSPECT ALL EROSION AND SEDIMENT CONTROL MEASURES AT LEAST WEEKLY AND AFTER EVERY STORM EVENT AND REPAIR AND MAINTAIN AS NECESSARY.
- CLEARING AND GRUBBING OF THE AREA TO BE GRADED. TOPSOIL TO BE REMOVED AND STOCKPILED IN AN AREA AS SHOWN ON THE PLANS.
- STAKED HAY BALE SILT BARRIERS OR SILT FENCE SHALL BE INSTALLED AROUND ANY TEMPORARY STOCKPILE AREAS.
- THE WETLANDS CROSSINGS SHALL BE CONSTRUCTED DURING A DRY PERIOD SO THAT A DIVERSION WILL NOT BE NECESSARY.
- TOPSOIL SHALL BE RE-APPLIED TO PROVIDE A MINIMUM DEPTH OF FOUR INCHES.
- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATION IS RE-ESTABLISHED.
- SEEDING SHOULD TAKE PLACE BETWEEN APRIL 1 AND JUNE 1 OR AUGUST 15 AND OCTOBER 1.
- THE FOLLOWING SEEDING MIXTURES SHALL BE PROVIDED ON ALL DISTURBED AREAS:
CROWN VETCH 15 LB_s/AC
PERENNIAL RYEGRASS 10 LB_s/AC
- UNFORESEEN PROBLEMS WHICH ARE ENCOUNTERED IN THE FIELD SHALL BE SOLVED ACCORDING TO CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.



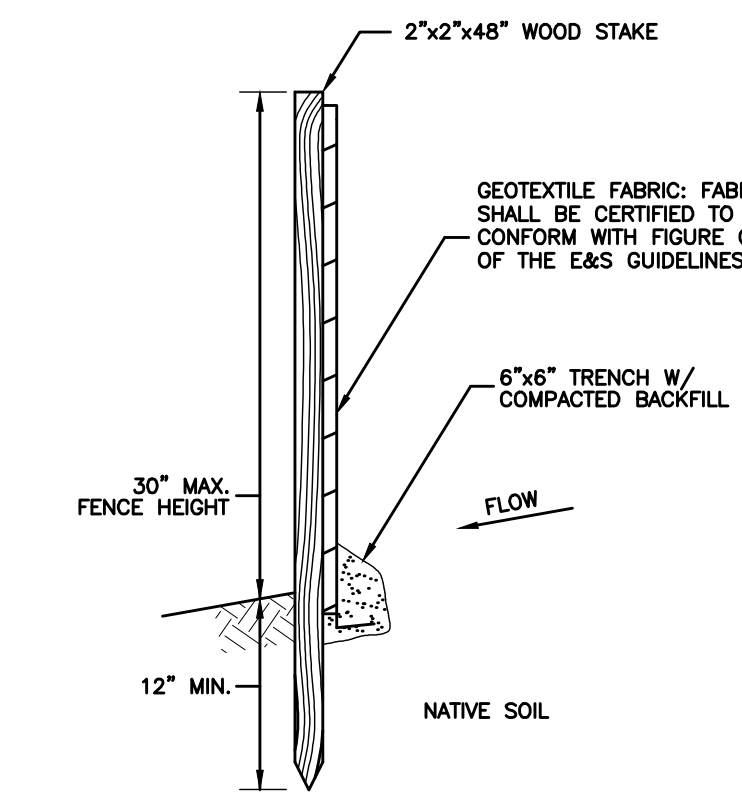
SECTION - DISCHARGE MANHOLE



PLAN - INVERT TABLE
NOT TO SCALE



SEDIMENT CONTAINMENT BAG DETAIL
NOT TO SCALE



SILT FENCE SECTION
NOT TO SCALE

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		Project No. CLA-6365 Proj. Engineer R.A.D Date: 6/21/2022 Sheet No. 4	