

**CONSTRUCTION SEQUENCE FOR WATERCOURSE CROSSING PIPE REPLACEMENT**

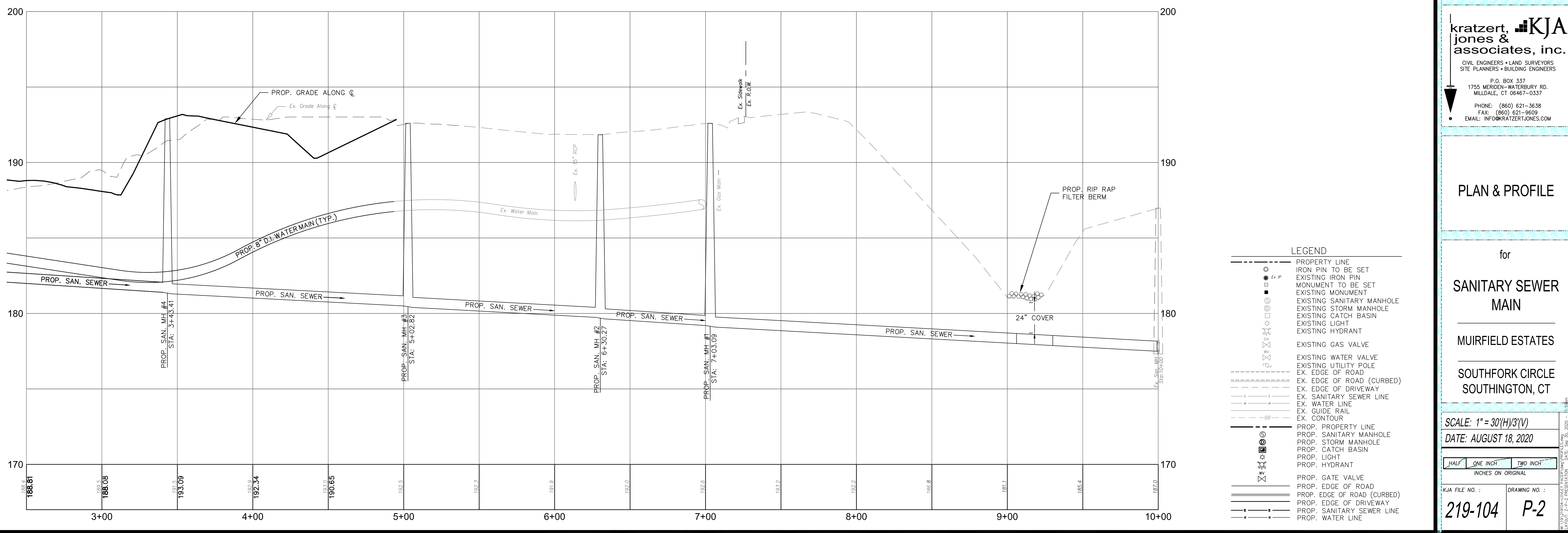
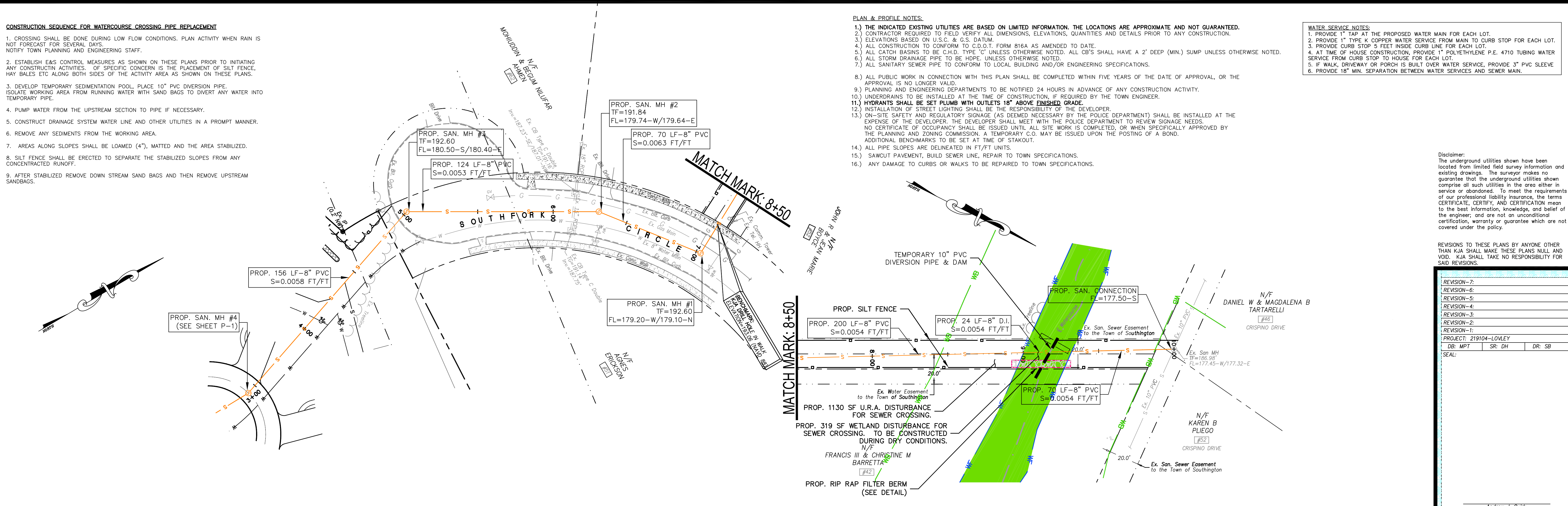
- CROSSING SHALL BE DONE DURING LOW FLOW CONDITIONS. PLAN ACTIVITY WHEN RAIN IS NOT FORECAST FOR SEVERAL DAYS. NOTIFY TOWN PLANNING AND ENGINEERING STAFF.
- ESTABLISH E&S CONTROL MEASURES AS SHOWN ON THESE PLANS PRIOR TO INITIATING ANY CONSTRUCTION ACTIVITIES. OF SPECIFIC CONCERN IS THE PLACEMENT OF SILT FENCE, HAY BALES ETC ALONG BOTH SIDES OF THE ACTIVITY AREA AS SHOWN ON THESE PLANS.
- DEVELOP TEMPORARY SEDIMENTATION POOL. PLACE 10" PVC DIVERSION PIPE. ISOLATE WORKING AREA FROM RUNNING WATER WITH SAND BAGS TO DIVERT ANY WATER INTO TEMPORARY PIPE.
- PUMP WATER FROM THE UPSTREAM SECTION TO PIPE IF NECESSARY.
- CONSTRUCT DRAINAGE SYSTEM WATER LINE AND OTHER UTILITIES IN A PROMPT MANNER.
- REMOVE ANY SEDIMENTS FROM THE WORKING AREA.
- AREAS ALONG SLOPES SHALL BE LOAMED (4"), MATTED AND THE AREA STABILIZED.
- SILT FENCE SHALL BE ERECTED TO SEPARATE THE STABILIZED SLOPES FROM ANY CONCENTRATED RUNOFF.
- AFTER STABILIZED REMOVE DOWN STREAM SAND BAGS AND THEN REMOVE UPSTREAM SANDBAGS.

**PLAN & PROFILE NOTES:**

- THE INDICATED EXISTING UTILITIES ARE BASED ON LIMITED INFORMATION. THE LOCATIONS ARE APPROXIMATE AND NOT GUARANTEED.
- CONTRACTOR REQUIRED TO FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, QUANTITIES AND DETAILS PRIOR TO ANY CONSTRUCTION.
- ELEVATIONS BASED ON U.S.C. & G.S. DATUM.
- ALL CONSTRUCTION TO CONFORM TO C.D.O.T. FORM 816A AS AMENDED TO DATE.
- ALL CATCH BASINS TO BE C.H.D. TYPE "C" UNLESS OTHERWISE NOTED. ALL CB'S SHALL HAVE A 2' DEEP (MIN.) SUMP UNLESS OTHERWISE NOTED.
- ALL STORM DRAINAGE PIPE TO BE HDPE, UNLESS OTHERWISE NOTED.
- ALL SANITARY SEWER PIPE TO CONFORM TO LOCAL BUILDING AND/OR ENGINEERING SPECIFICATIONS.
- ALL PUBLIC WORK IN CONNECTION WITH THIS PLAN SHALL BE COMPLETED WITHIN FIVE YEARS OF THE DATE OF APPROVAL, OR THE APPROVAL IS NO LONGER VALID.
- PLANNING AND ENGINEERING DEPARTMENTS TO BE NOTIFIED 24 HOURS IN ADVANCE OF ANY CONSTRUCTION ACTIVITY.
- UNDERDRAINS TO BE INSTALLED AT THE TIME OF CONSTRUCTION, IF REQUIRED BY THE TOWN ENGINEER.
- HYDRANTS SHALL BE SET PLUMB WITH OUTLETS 18" ABOVE FINISHED GRADE.
- INSTALLATION OF STREET LIGHTING SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
- ON-SITE SAFETY AND REGULATORY SIGNAGE (AS DEEMED NECESSARY BY THE POLICE DEPARTMENT) SHALL BE INSTALLED AT THE EXPENSE OF THE DEVELOPER. THE DEVELOPER SHALL MEET WITH THE POLICE DEPARTMENT TO REVIEW SIGNAGE NEEDS. NO CERTIFICATE OF OCCUPANCY SHALL BE ISSUED UNTIL ALL SITE WORK IS COMPLETED, OR WHEN SPECIFICALLY APPROVED BY THE PLANNING AND ZONING COMMISSION. A TEMPORARY C.O. MAY BE ISSUED UPON THE POSTING OF A BOND. ADDITIONAL BENCHMARKS TO BE SET AT TIME OF STAKOUT.
- ALL PIPE SLOPES ARE DELINEATED IN FT/FT UNITS.
- SAWCUT PAVEMENT, BUILD SEWER LINE, REPAIR TO TOWN SPECIFICATIONS.
- ANY DAMAGE TO CURBS OR WALKS TO BE REPAIRED TO TOWN SPECIFICATIONS.

**WATER SERVICE NOTES:**

- PROVIDE 1" TAP AT THE PROPOSED WATER MAIN FOR EACH LOT.
- PROVIDE 1" TYPE K COPPER WATER SERVICE FROM MAIN TO CURB STOP FOR EACH LOT.
- PROVIDE CURB STOP 5 FEET INSIDE CURB LINE FOR EACH LOT.
- AT TIME OF HOUSE CONSTRUCTION, PROVIDE 1" POLYETHYLENE P.E. 4710 TUBING WATER SERVICE FROM CURB STOP TO HOUSE FOR EACH LOT.
- IF WALK, DRIVEWAY OR PORCH IS BUILT OVER WATER SERVICE, PROVIDE 3" PVC SLEEVE
- PROVIDE 18" MIN. SEPARATION BETWEEN WATER SERVICES AND SEWER MAIN.



Disclaimer:  
The underground utilities shown have been located from limited field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities shown comprise all such utilities in the area either in service or abandoned. To meet the requirements of our professional liability insurance, the terms CERTIFICATE, CERTIFY, AND CERTIFICATION mean to the best information, knowledge, and belief of the engineer, and are not an unconditional certification, warranty or guarantee which are not covered under the policy.

REVISIONS TO THESE PLANS BY ANYONE OTHER THAN KJA SHALL MAKE THESE PLANS NULL AND VOID. KJA SHALL TAKE NO RESPONSIBILITY FOR SAID REVISIONS.

REVISION-7:
REVISION-6:
REVISION-5:
REVISION-4:
REVISION-3:
REVISION-2:
REVISION-1:
PROJECT: 219104-LOVELY
DB: MPT SR: DH DR: SB
SEAL:

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**PLAN & PROFILE**

for  
**SANITARY SEWER MAIN**  
**MUIRFIELD ESTATES**  
**SOUTHFORK CIRCLE**  
**SOUTHINGTON, CT**

SCALE: 1" = 30'(H)/3'(V)  
DATE: AUGUST 18, 2020

HALF ONE INCH TWO INCH  
INCHES ON ORIGINAL

KJA FILE NO.: 219-104  
DRAWING NO.: P-2