











NOTES:

ALL STATE EXCAVATION REQUIREMENTS.

DESIGN AND CONSTRUCTION:

- INSTALLATION METHOD: AUGER BORE.
- 8.625" PVC MIN. W.T. 0.322" SCH 40 IPS PIPE. 3.500" HDPE MIN. W.T. 0.389" DR 9 IPS PIPE. INSTALLED IN WELDED STEEL CASING (24" O.D. 0.375" WT. GRADE B)

BORE HORIZONTAL LENGTH: 27'

- BORE DESIGNED PIPE LENGTH: 27' OVER-CUT BY THE CUTTING HEAD SHALL NOT EXCEED THE OUTSIDE DIAMETER OF THE CASING BY MORE THAN 1/2 INCH.
- ANNULAR SPACE BETWEEN THE CASING AND BORE HOLE SHALL BE GROUTED IF VOIDS SHOULD DEVELOP OR IF THE BORED HOLE DIAMETER IS GREATER THAN

THE CASING OUTSIDE DIAMETER BY MORE THAN 1 INCH.

- STEEL CASING WILL BE FILLED WITH GROUT PER PROJECT SPECIFICATIONS. CASING ENDS SHALL BE SEALED BEFORE BEING BACKFILLED, USING APPROVED CASING END SEALS.
- THE MINIMUM SEPARATION DISTANCE FROM EXISTING SUBSURFACE UTILITIES SHALL NOT BE LESS THAN 2 FT.
- NO GEOTECHNICAL DATA OR REPORTS WERE AVAILABLE AT THE TIME OF DESIGN. NO OTHER GEOTECHNICAL INFORMATION WAS REFERENCED IN THE

PREPARATION OF THIS DESIGN.

TRENCHLESS 12-294.9-2.7 PROFILE VIEW CONDUIT 1 & 2



Scale in feet when printed on 22x34





TETRA TECH ENGINEERING AND SURVEYING P.C.

(A NEW YORK PROFESSIONAL CORPORATION)

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED
PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT
OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN
ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS
ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE
ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT
AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY
THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A
SPECIFIC DESCRIPTION OF THE ALTERATION.

В	04/14/2023	FINAL SUBMISSION	MRS	EJK
Α	03/01/2023	DRAFT FINAL REV 1 SUBMISSION	MRS	EJK
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

3. ALL COORDINATES ARE IN NEW YORK STATE PLANE, NAD83, EAST ZONE, US FOOT.

1. ALL BURIED LINE DEPTHS ARE APPROXIMATE. PRIOR TO ANY EXCAVATION OR EXPLORATORY BORING, CONTRACTOR MUST CONTACT 811 AND ABIDE BY

2. TETRA TECH ENGINEERING AND SURVEYING P.C. IS NOT RESPONSIBLE FOR LOCATION OF FOREIGN UTILITIES IN THIS DRAWING. THE INFORMATION SHOWN HEREON IS FURNISHED WITHOUT LIABILITY ON THE PART OF TETRA TECH ENGINEERING AND SURVEYING P.C. OR ANY DAMAGES RESULTING FROM ERRORS

CHAMPLAIN HUDSON POWER EXPRESS SEGMENT 12 (PACKAGE 7B) - ROUTE 9W: ROCKLAND PLAN AND PROFILE - TRENCHLESS 12-294.9-2.7 HISTORIC WALL CROSSING - CONDUIT 1 & 2 ROCKLAND COUNTY, NY

21162 TT PROJECT NO. 204-3701 DRAWING NO. **C-350**

KIEWIT PROJECT NO.

AS SHOWN DATE DRAWN BY: MRS DESIGNED BY: AMC APPROVED BY: EJK REV. NO.

