

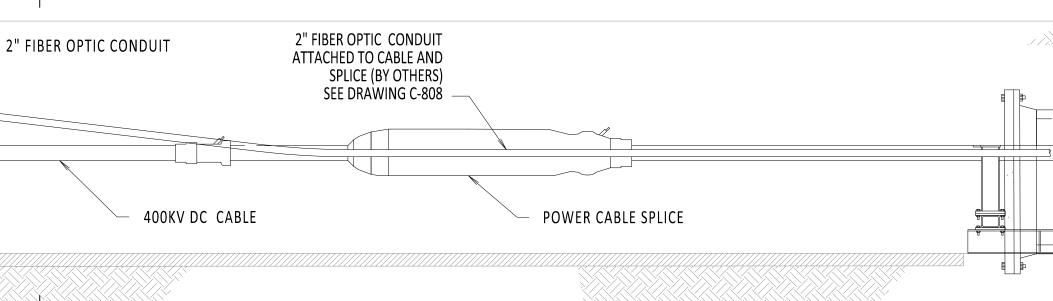








— 2" FI	BER OPTIC CONDUIT				.D. SOLID HDPE SDR17			
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	SECTION A-A							
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103646 €	IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, 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.	ISSUED FOR PERMITTING						-
703646 E	THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.		0	09/16/2022	EM&CP REGULATORY RE-SUBMISSION	DM	MK	-
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OPEN VAULT w/ HAND HOLE

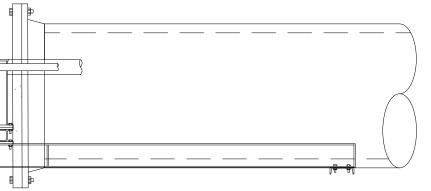
NOT TO SCALE

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- 1. ADD HAND HOLE TO ALL OPEN VAULT LOCATIONS.
- 2. FIBER OPTIC SPLICE CLOSURE ONLY AT SPECIFIC LOCATIONS.

REFERENCE DOCUMENTS

IST IO.	DOCUMENT NAME	DOCUMENT NO.
1	FRP FIBER COMMUNICATION HAND HOLE	S-771
2	TYPICAL OPEN PIT SPLICE CASING DETAILS	C-808
3	STEEL SUPPORT DETAILS	C-811



CHAMPLAIN HUDSON POWER EXPRESS	
OPEN VAULT w/ FIBER OPTICS	

HAND HOLE

KIEWIT PROJECT NO. 21162 CHA PROJECT NO. 066076 DRAWING NO.

C-853

09/16/2022 OF XXX

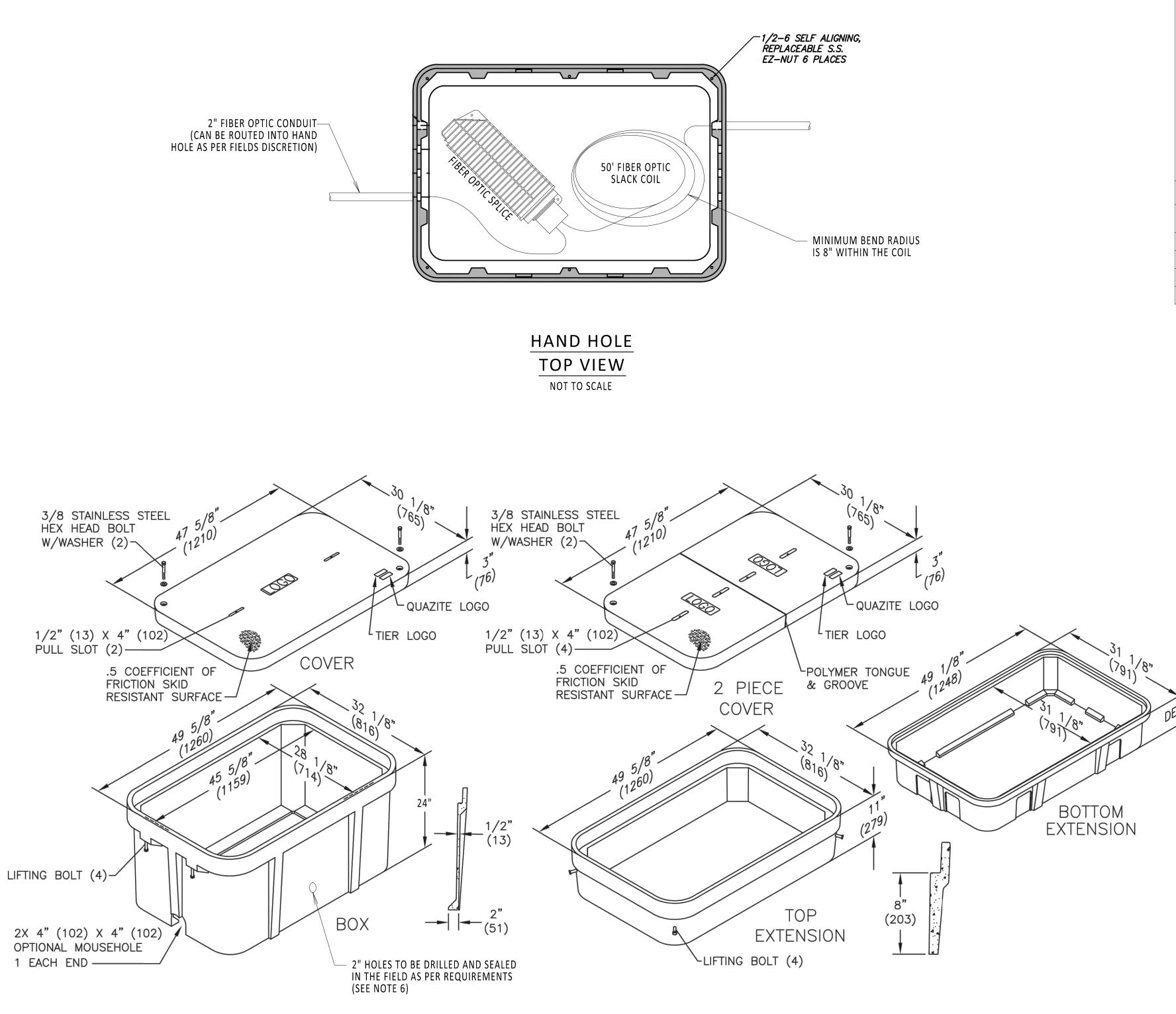
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RAWN BY: TJMC DESIGNED BY: MK APPROVED BY: XX REV. NO.

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103646	SPECIFIC DESCRIPTION OF THE ALTERATION.		0	03/15/2023	ISSUED FOR CONSTRUCTION	DLM	ASM	
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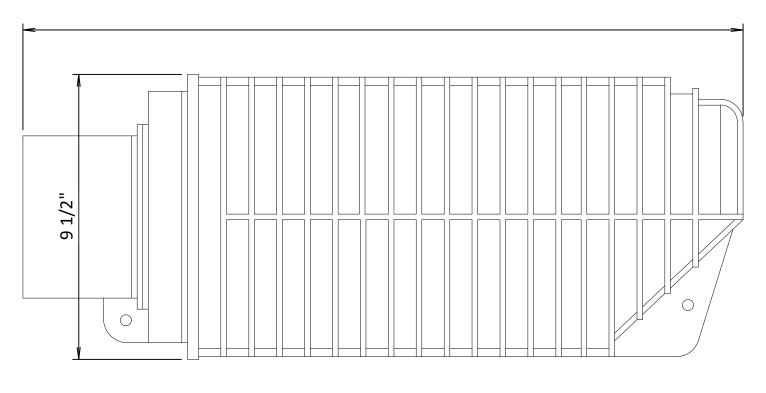
- 1. FIBER OPTIC COIL TO BE PLACED IN BOTTOM OF HAND HOLE. OBSERVE MINIMUM BEND RADIUS.
- 2. SPLICE ALL FIBERS STRAIGHT THROUGH.
- 3. FIBER OPTIC SPLICE CLOSURE ONLY AT SPECIFIC LOCATIONS. SEE PLAN AND PROFILE FOR DETAILS.
- 4. GROUNDING REQUIREMENTS TO BE DETERMINED.
- 5. HAND HOLE AT ALL OPEN SPLICE LOCATIONS. SEE REFERENCE DOCUMENTS 1 AND 2 FOR DETAILS ON HAND HOLE PLACEMENT IN OPEN PIT.
- 6. DRILLED HOLES ARE INTENDED TO ROUTE FIBER OPTIC CONDUIT AND CAN BE DRILLED AND SEALED ON ANY SIDE OF HAND HOLE AS REQUIRED BY THE FIELD.

LIST NO.	DOCUMENT NAME	DOCUMENT NO.
1	TYPICAL OPEN PIT SPLICE DETAILS	C-808
2	OPEN VAULT w/FIBER OPTIC HAND HOLE	C-853
3	FIBER OPTIC SPLICE DETAILS	C-855
4	HUBBELL QUAZITE (HAND HOLE)	MODEL NO. PG3048BA24

(203) - 3/8" (10)

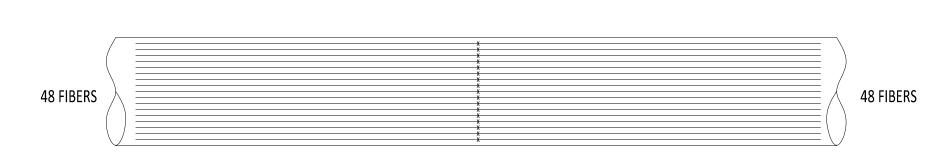
	KIEWIT PROJECT NO.		
CHAMPLAIN HUDSON POWER EXPRESS	21162		
	CHA PROJECT NO.		
	066076		
FIBER OPTIC HAND HOLE DETAILS	DRAWING NO.		
	C-854		
SCALE	DATE 03/15/2023		
AWN BY: DLM DESIGNED BY: NM APPROVED BY: MK REV. NO. 0	SH.NO. OF		

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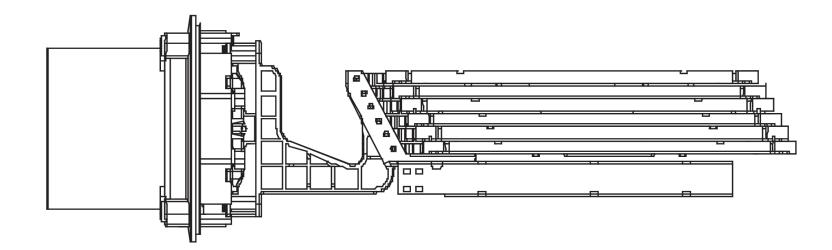
FIBER OPTIC SPLICE CLOSURE

NOT TO SCALE



FIBER OPTIC CABLE SPLICE

NOT TO SCALE



FIBER OPTIC SPLICE CLOSURE INSIDE DIAGRAM NOT TO SCALE







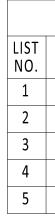
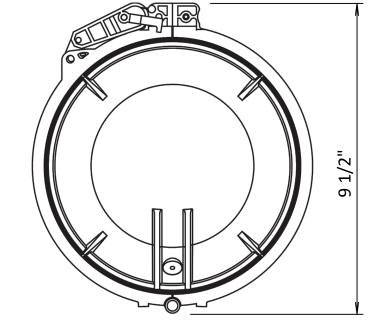
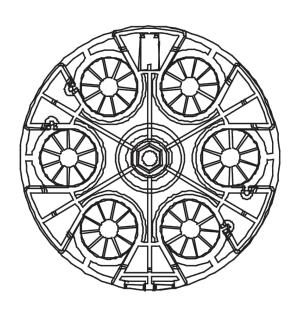


DIAGRAM TYPICAL



FIBER OPTIC SPLICE CLOSURE NOT TO SCALE



FIBER OPTIC SPLICE CLOSURE GEL-BLOCK PROFILE NOT TO SCALE

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1. MAINTAIN 18" SWEEPS ON ALL CONDUITS.

2. DTS HUT FIBERS WILL SPLICE TO BLUE TUBE FIBER COLORS BLUE, ORANGE, GREEN AND BROWN.

3. SEE REFERENCE DOCUMENTS 2, 3, 4 AND 5 FOR PLACEMENT DETAILS.

4. FIBER OPTIC SPLICE CLOSURE ONLY IN SPECIFIC LOCATIONS. SEE PLAN AND PROFILES FOR DETAILS.

REFERENCE DOCUMENTS

DOCUMENT NAME	DOCUMENT NO.
FIBER OPTIC SPLICE CLOSURE	COMMSCOPE: MODEL NO. FOSC450-B6-6-24-1-B3V
TRANSITION VAULT FIBER OPTIC DETAIL	C-850
DTS HUT CONNECTION FIBER OPTIC SPLICE AND HANDHOLE	C-851
ENCLOSED VAULT w/FIBER OPTICS	C-852
OPEN VAULT w/FIBER OPTICS HAND HOLE	C-853

	KIEWIT	PROJECT NO.
CHAMPLAIN HUDSON POWER EXPRESS		21162
	CHA P	ROJECT NO.
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FIBER OPTIC SPLICE DETAILS	DRA	WING NO.
	C-	855
SCALE	DATE	03/15/2023
AWN BY: DLM DESIGNED BY: NM APPROVED BY: MK REV. NO. 0	SH.NO.	OF

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TETRA TECH ENGINEERING AND SURVEYING P.C.

(A NEW YORK PROFESSIONAL CORPORATION)

2 TYPICAL DUCTBANK IN ROADWAY - HORIZONTAL SEPARATION

