

PSEG LONG ISLAND LLC

On Behalf of and as Agent for

THE LONG ISLAND LIGHTING COMPANY d/b/a LIPA

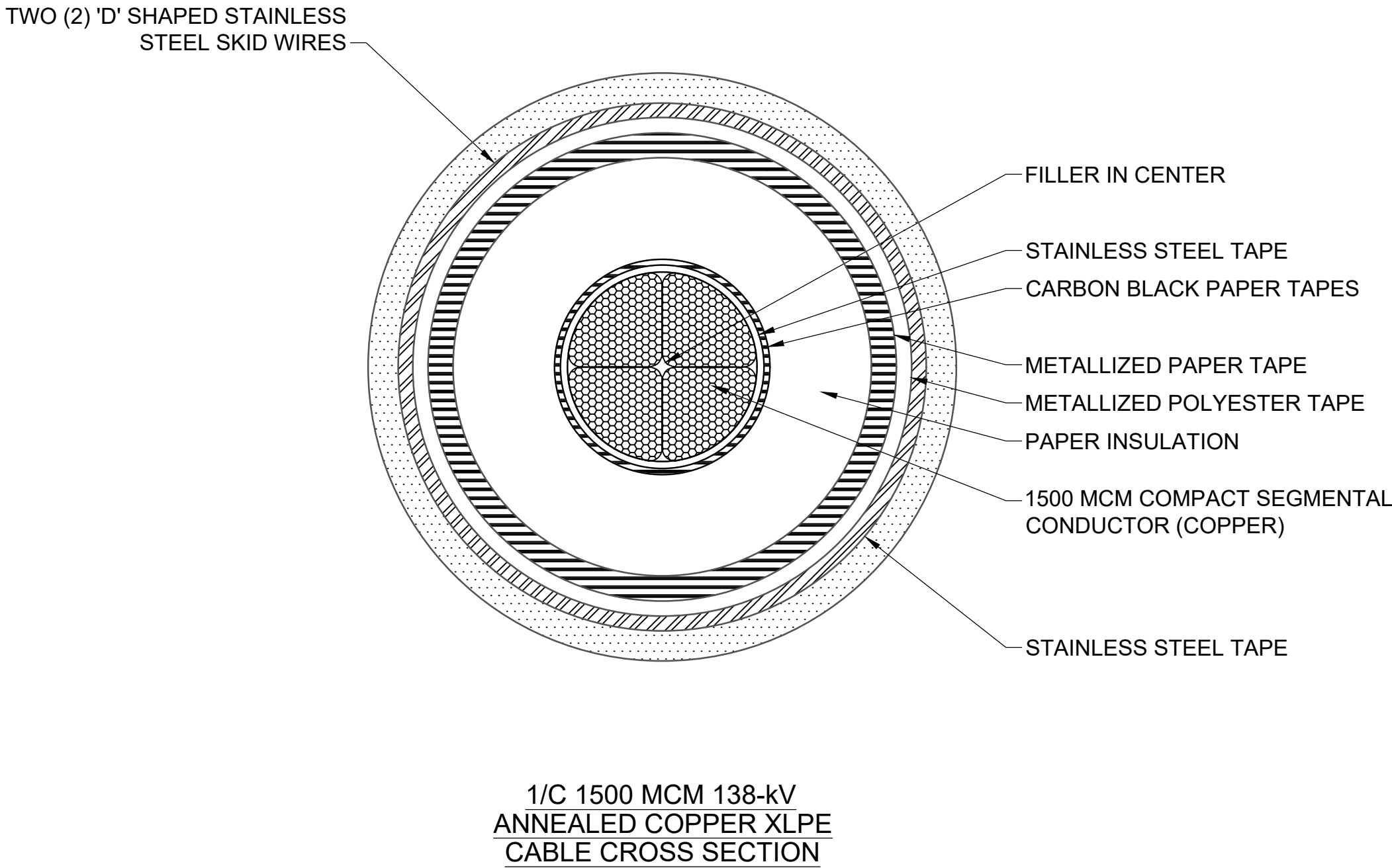
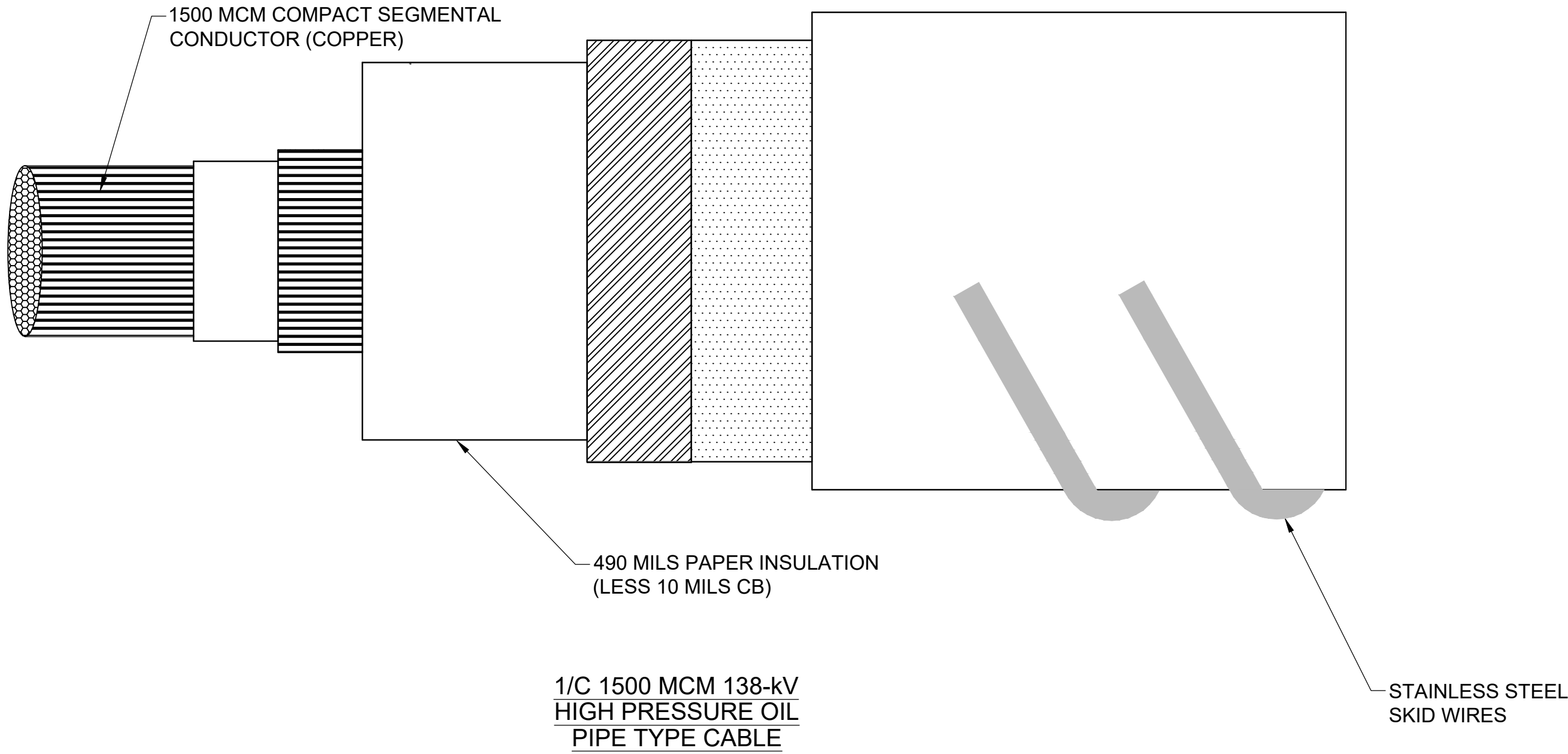
Commercial Avenue Equipment Project

Appendix D

Engineering Drawings

Figure D-1

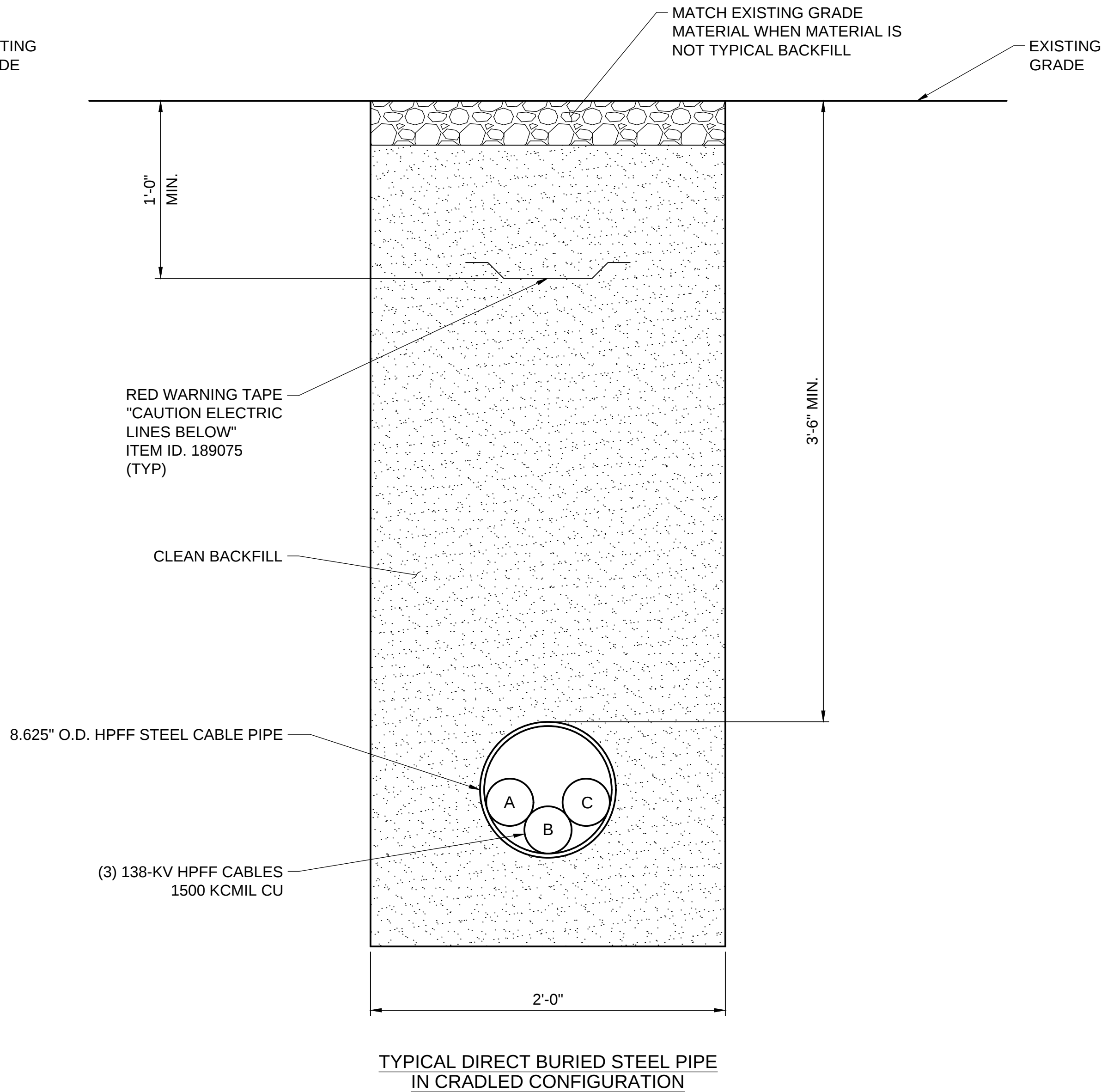
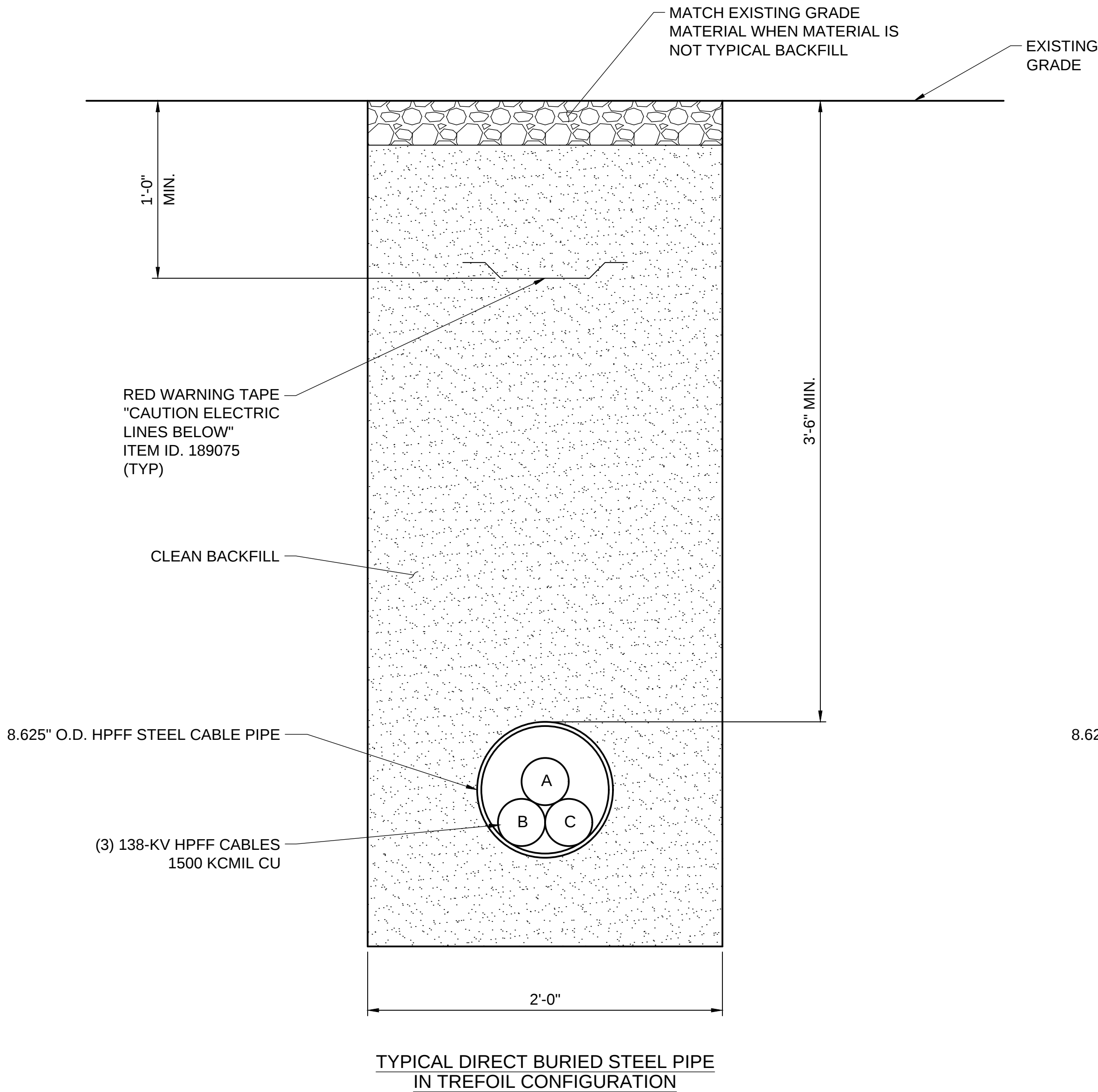
Typical Cable Cross Section



BURNS & McDONNELL Burns & McDonnell EGS										ISSUE		NO.		DATE		W.O.		DESCRIPTION		DWN BY		CKD BY		REVISED		APPD		Long Island Power Authority STEWART AVENUE INSTALL REACTORS ON CIRCUITS 138-462/463 PROJECT 138-kV TRANSMISSION LINE																															
																												COMMERCIAL AVENUE TERMINAL LINES 138-462/463 138-kV TRANSMISSION LINE TYPICAL CABLE CROSS SECTION																															
																												PSEG LONG ISLAND 175 East Old Country Road Hicksville, New York																															
A 03/17/2025 REV DATE										ARTICLE V11 DESCRIPTION										JOB JAC DRAWN REVIEW APPR										BAG DRAWN REVIEW APPR										PROJ. NO. 178669										SCALE NONE		VENDOR DWC. NO.		DRAWING NO. F114452		SMART NO. BWAxx-FU-xxxxxxx		REVISION 000	
SYSTEM GRID NUMBER										CABINET NO.										FOLDER NO.																																							

Figure D-2

Typical Direct Buried Conduit Cross Section



BURNS MCDONNELL Burns & McDonnell EGS				ISSUE		NO.		DATE		W.O.		DESCRIPTION		KAL		JAS		D. GONZ		FE		APPD		Long Island Power Authority STEWART AVENUE INSTALL REACTORS ON CIRCUITS 138-462/463 PROJECT 138-KV TRANSMISSION LINE									
																								COMMERCIAL AVENUE TERMINAL LINES 138-462/463 138-KV TRANSMISSION LINE TYPICAL DIRECT BURIED CONDUITS CROSS SECTION									
																								PSEG LONG ISLAND 175 East Old Country Road Rockville, New York									
A 03/17/2025				ARTICLE V11				JOB				JAC				BAG				PROJ. NO. 178669				SCALE NONE		VENDOR DWS. NO.		DRAWING NO. F114455		SMART NO. BWaxx-FU-xxxxxxx		REVISION 000	
REV. DATE				DESCRIPTION				DRAWN REVIEW APPR																SYSTEM GRID NUMBER		CABINET NO.		FOLDER NO.					

Figure D-3

Typical One-Piece Splice Vault

Figure D-4

Typical Two-Piece Splice Vault

Figure D-5

Typical HPFF 138kV Termination Structure

Figure D-6

Freeze Pit Details

Figure D-7

Freeze Pit Procedures

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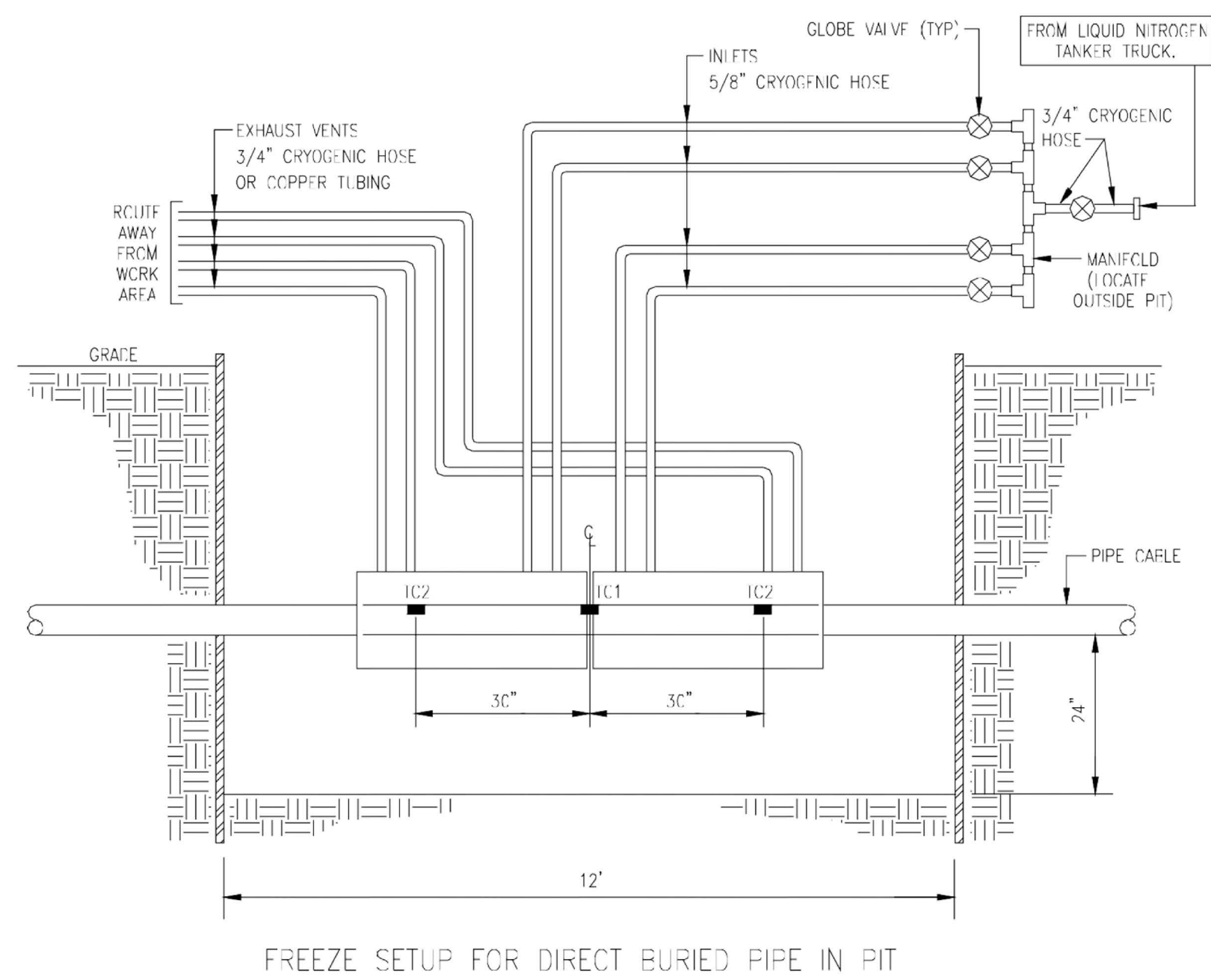
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