

11 Sleeper Street

December 2021

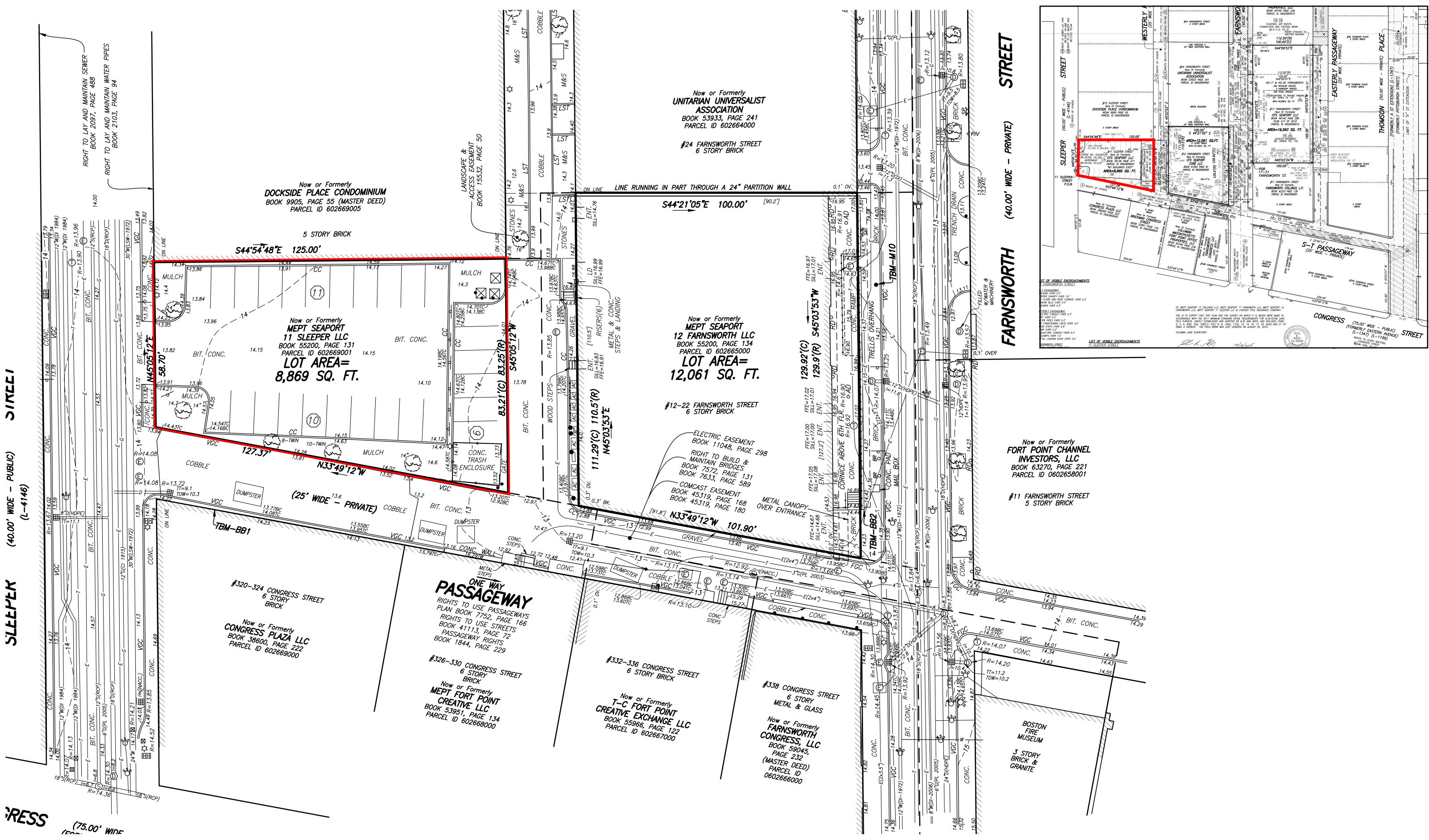


Site Location and Context

11 Sleeper Street



Phase 3 – 11 Sleeper Street

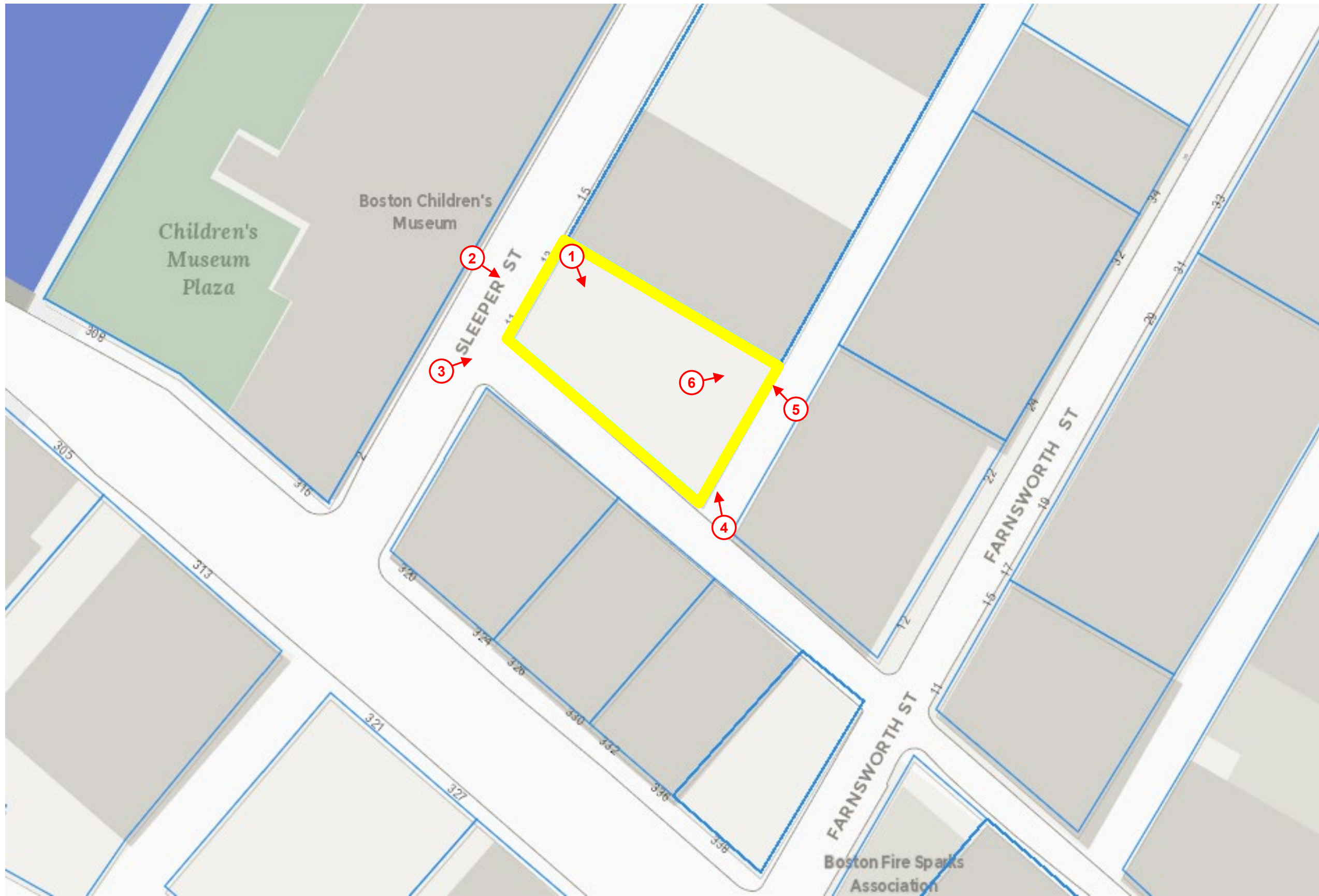


CORE/SHELL RENOVATION

PHASE 3

11/29/21

11 SLEEPER STREET- SURVEY



11 Sleeper Street, Boston, MA

Photograph Location Key



1. 11 Sleeper Street parcel, view southeast



2. 11 Sleeper Street parcel, view east



3. 11 Sleeper Street parcel, view northeast



4. 11 Sleeper Street parcel, transformer at far right, view northwest



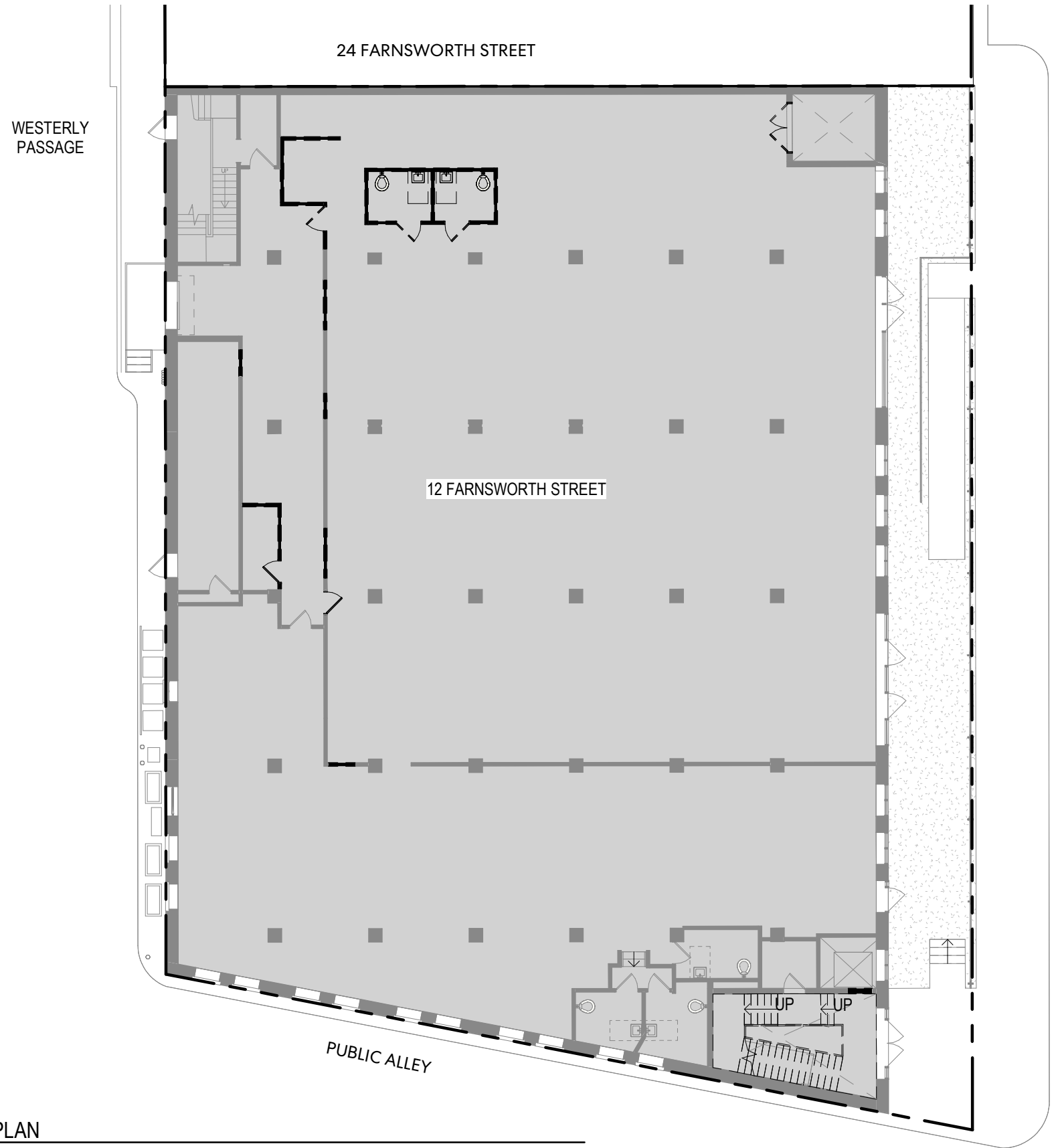
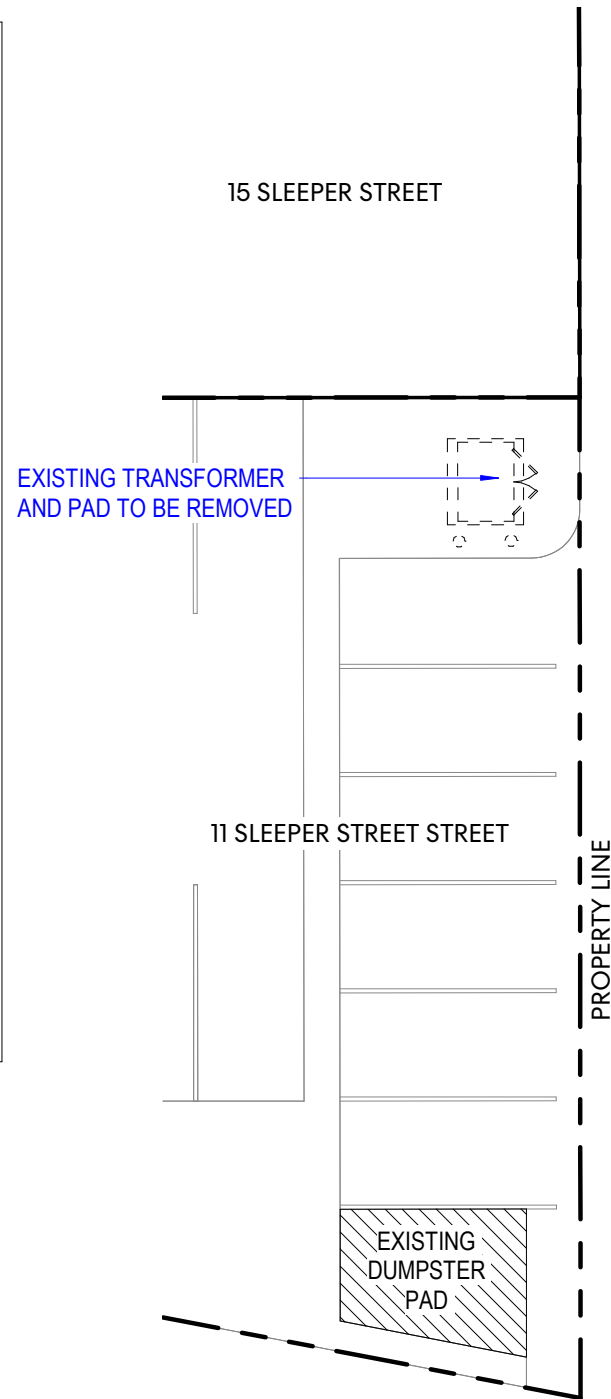
5. 11 Sleeper Street transformer, view northwest



6. 11 Sleeper Street transformer, view northeast



EXISTING PHOTOS

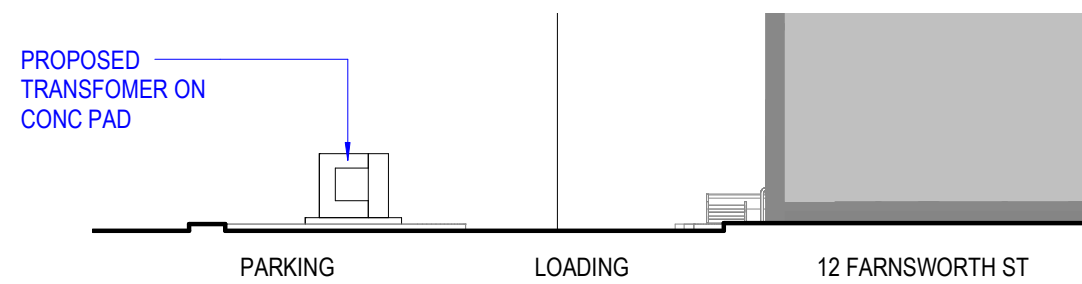


① TRANSFORMER - EXISTING SITE PLAN
1/16" = 1'-0"

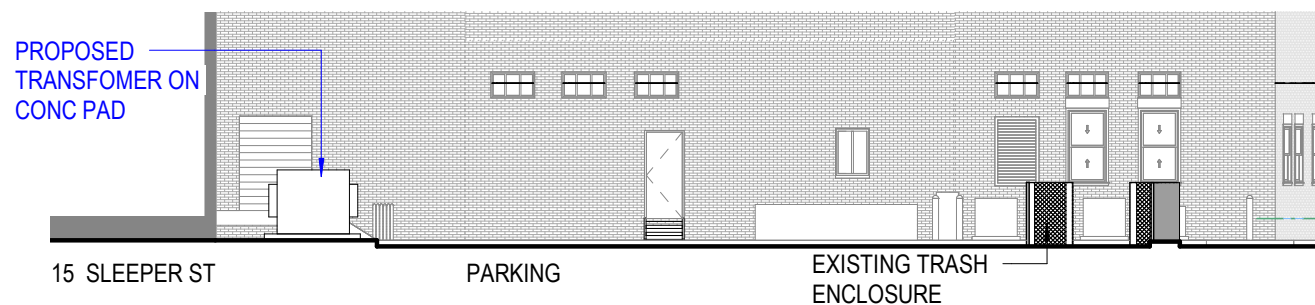
Three-phase pad-mounted compartmental type transformer



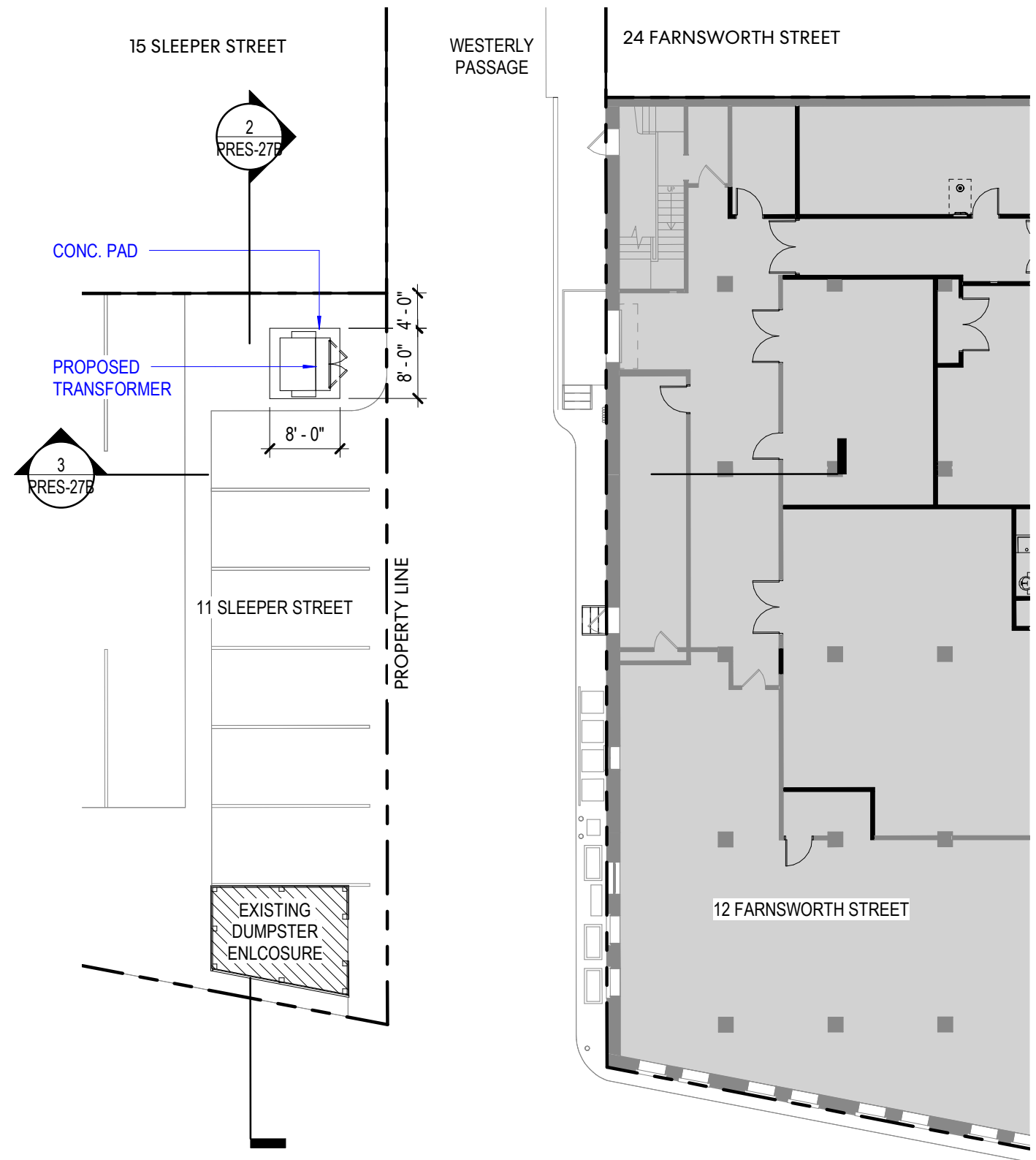
PROPOSED TRANSFORMER



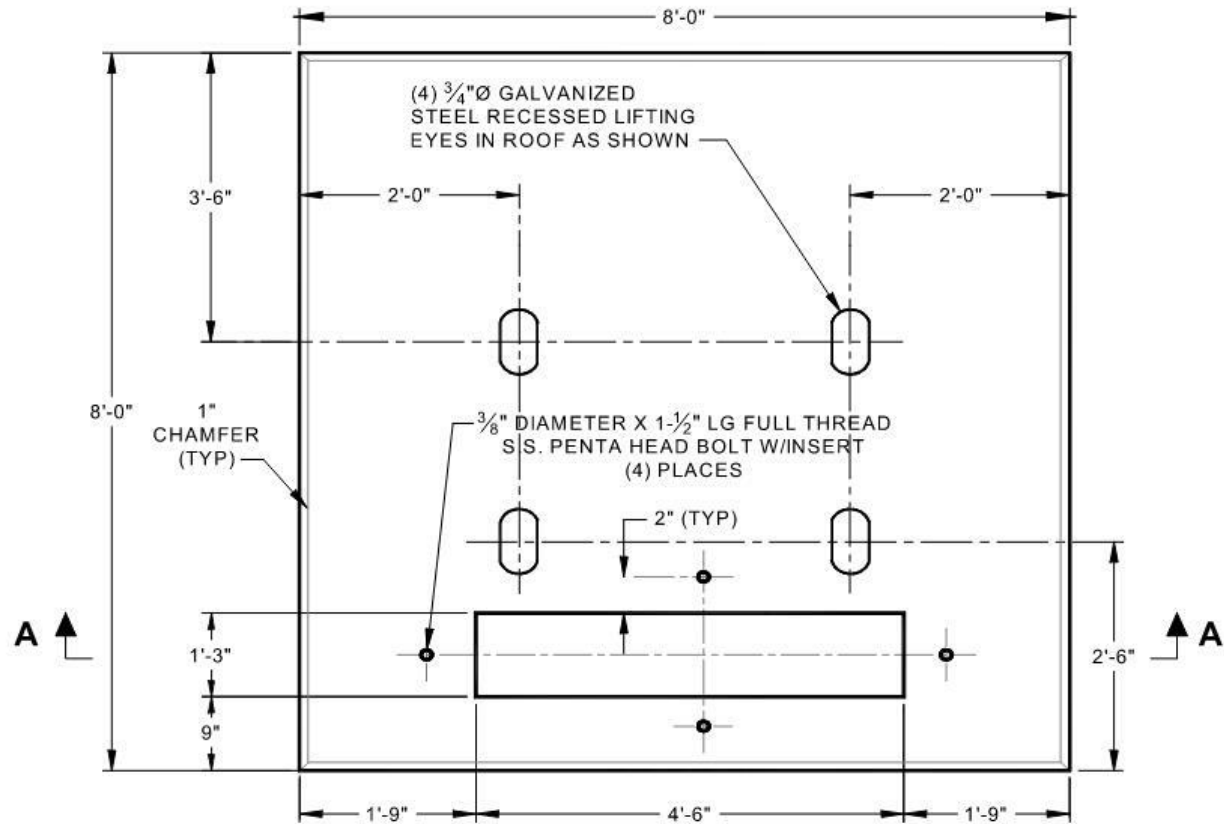
3 SITE SECTION A
1/16" = 1'-0"



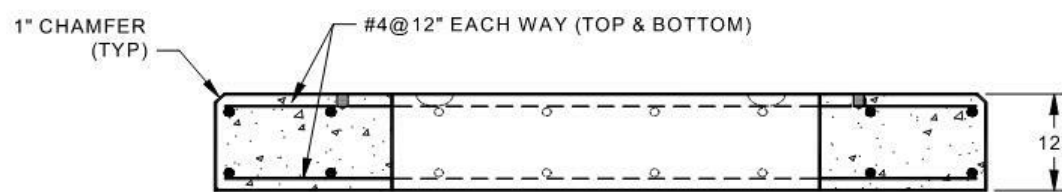
2 SITE SECTION B
1/16" = 1'-0"



1 TRANSFORMER REPLACEMENT - SITE PLAN
1/16" = 1'-0"



PLAN TOP NO. 2
(FOR TRANSFORMERS 500 TO 2500KVA)



SECTION A-A

① TRANSFORMER PAD TYP DETAILS
1/2" = 1'-0"

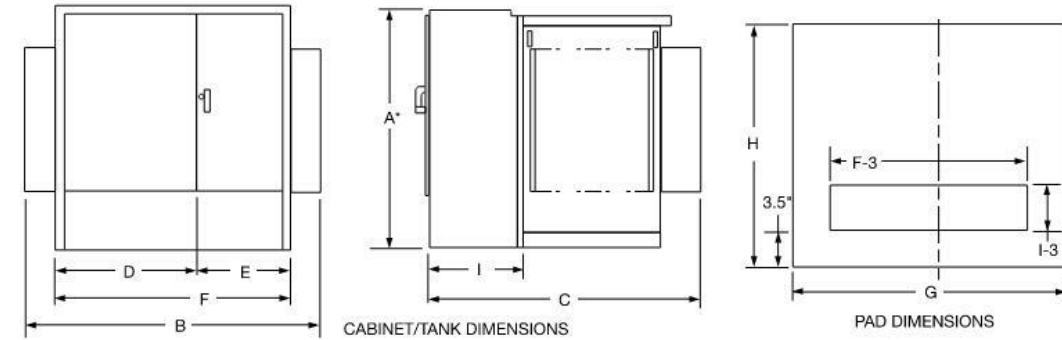


Figure 2. Transformer and pad dimensions.

* Add 9" for Bay-O-Net fusing.

Table 6. Fluid-filled—aluminum windings 55/65 °C Rise¹

kVA Rating	65° Rise DEAD-FRONT—LOOP OR RADIAL FEED—BAY-O-NET FUSING OIL FILLED—ALUMINUM WINDINGS									Gallons of Fluid	Approx. Total Weight (lbs.)
	OUTLINE DIMENSIONS (in.)										
	A*	B	C	D	E	F	G	H	I		
45	50	68	39	42	26	68	72	43	20	110	2,100
75	50	68	39	42	26	68	72	43	20	115	2,250
112.5	50	68	49	42	26	68	72	53	20	120	2,350
150	50	68	49	42	26	68	72	53	20	125	2,700
225	50	72	51	42	30	72	76	55	20	140	3,150
300	50	72	51	42	30	72	76	55	20	160	3,650
500	50	89	53	42	30	72	93	57	20	190	4,650
750	64	89	57	42	30	72	93	61	20	270	6,500
1000	64	89	59	42	30	72	93	63	20	350	8,200
1500	73	89	86	42	30	72	93	90	24	410	10,300
2000	73	72	87	42	30	72	76	91	24	490	12,500
2500	73	72	99	42	30	72	76	103	24	530	14,500
3000	73	84	99	46	37	84	88	103	24	620	16,700
3750	84	85	108	47	38	85	88	112	24	660	19,300
5000	84	96	108	48	48	96	100	112	24	930	25,000
7500	94	102	122	54	48	102	100	126	24	1,580	41,900

¹ Weights, gallons of fluid, and dimensions are for reference only and not for construction. Please contact Eaton's Cooper Power Systems for exact dimensions.

* Add 9" for Bay-O-Net fusing.

Table 7. Fluid-Filled—Copper Windings 55/65 °C Rise¹

kVA Rating	65° Rise DEAD-FRONT—LOOP OR RADIAL FEED—BAY-O-NET FUSING OIL FILLED—COPPER WINDINGS									Gallons of Fluid	Approx. Total Weight (lbs.)
	OUTLINE DIMENSIONS (in.)										
	A*	B	C	D	E	F	G	H	I		
45	50	64	39	34	30	64	69	43	20	110	2,100
75	50	64	39	34	30	64	69	43	20	115	2,350
112.5	50	64	49	34	30	64	69	53	20	115	2,500
150	50	64	49	34	30	64	69	53	20	120	2,700
225	50	64	51	34	30	64	73	55	20	140	3,250
300	50	64	51	34	30	64	75	55	20	160	3,800
500	50	81	53	34	30	64	85	57	20	200	4,800
750	64	89	57	42	30	72	93	61	20	255	6,500
1000	64	89	59	42	30	72	93	63	20	300	7,800
1500	73	89	86	42	30	72	93	90	24	410	10,300
2000	73	72	87	42	30	72	76	91	24	420	11,600
2500	73	72	99	42	30	72	76	103	24	500	14,000
3000	73	84	99	46	37	84	88	103	24	720	18,700
3750	84	85	108	47	38	85	88	112	24	800	20,500
5000	84	96	108	48	48	96	100	112	24	850	25,000
7500	94	102	122	54	48	102	100	126	24	1,620	46,900

¹ Weights, gallons of fluid, and dimensions are for reference only and not for construction. Please contact Eaton's Cooper Power Systems for exact dimensions.

* Add 9" for Bay-O-Net fusing.

② TRANSFORMER SPECS AND DIMS
NTS

Thank You!