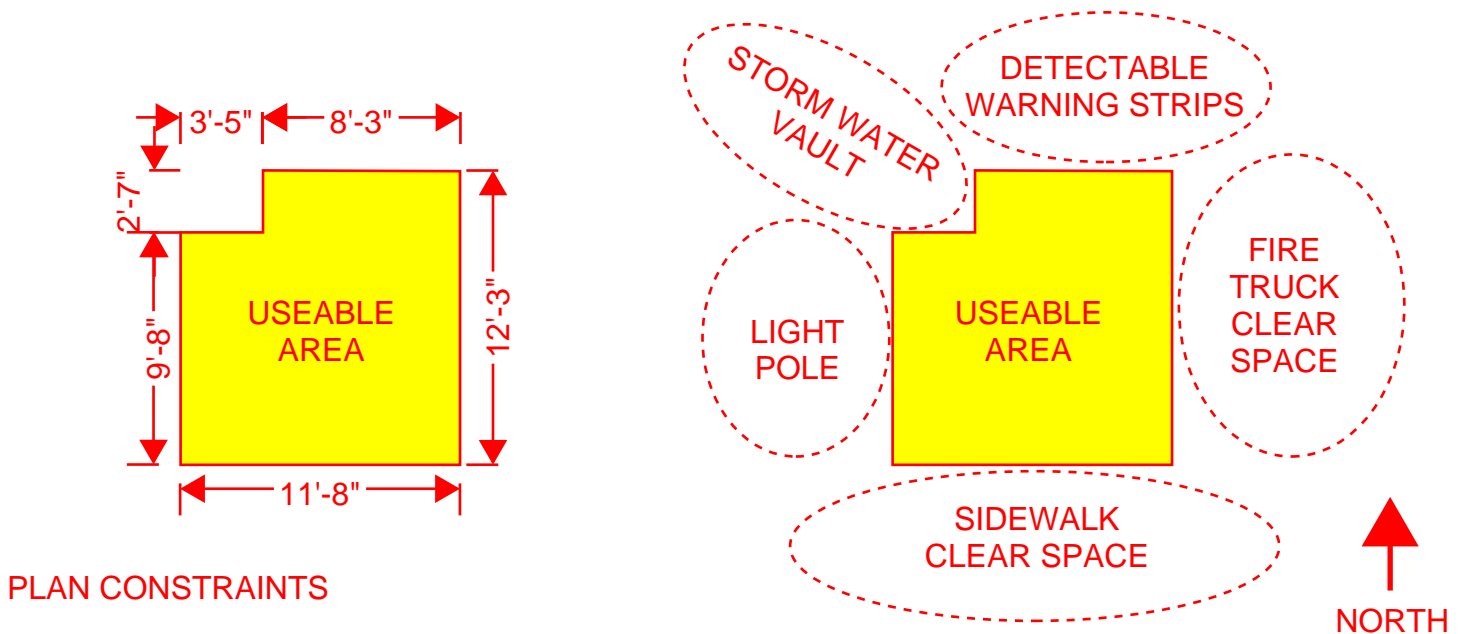
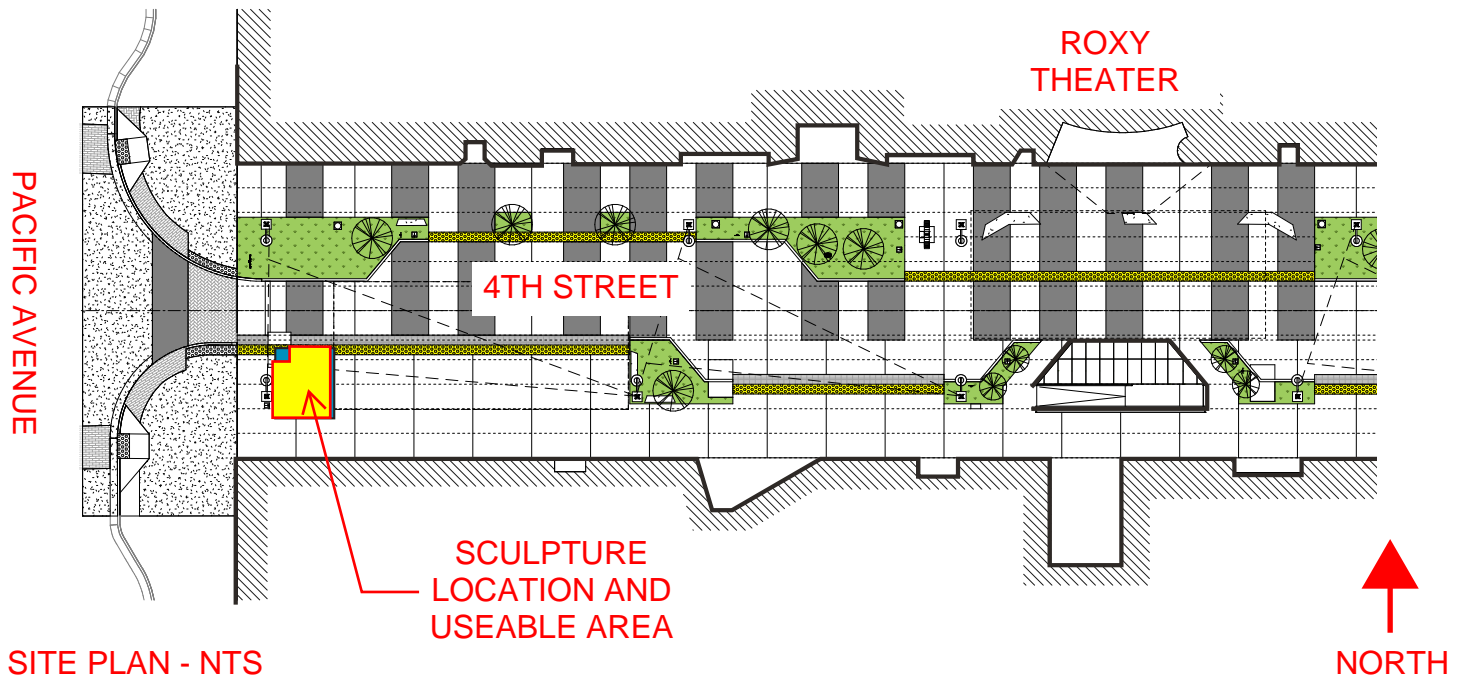
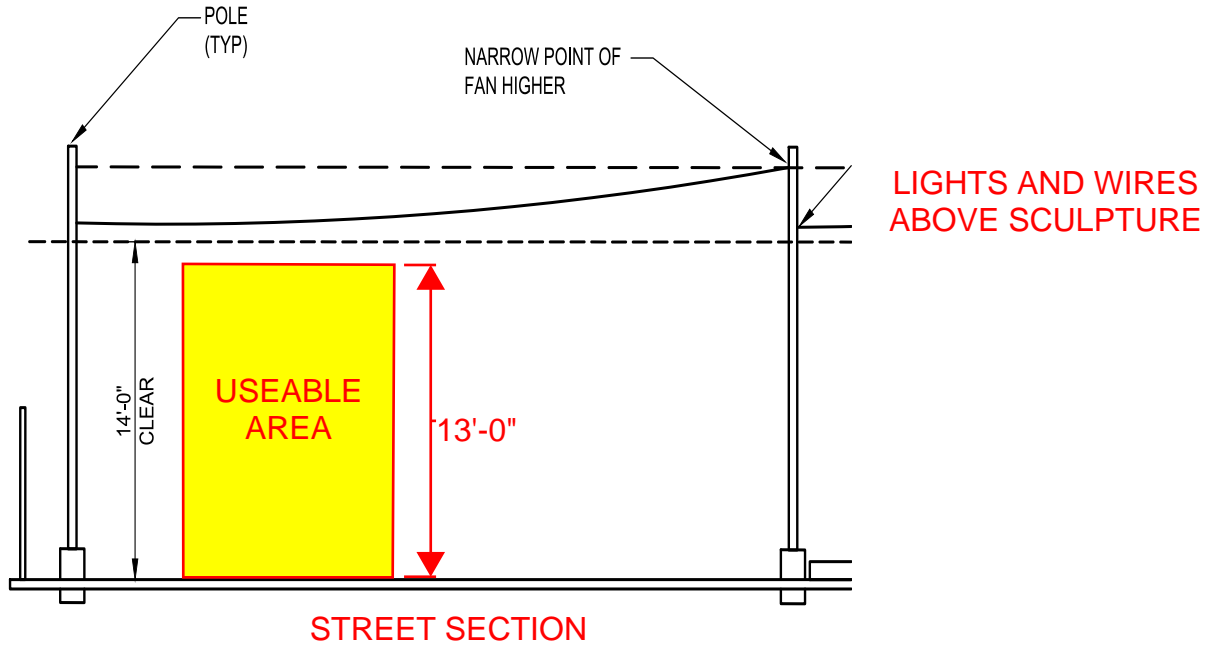


SITE CONSTRAINTS AND CONTEXT



SITE CONSTRAINTS AND CONTEXT



HEIGHT CONSTRAINTS

ELECTRICAL CONSTRAINTS

PANELBOARD SCHEDULE

v 3.0

NAME: PQS1

VOLTAGE RATING: 120/240 VOLTS, 1 PHASE, 3 WIRE

BUS RATING: 400 AMPS

MAIN BREAKER: 300 AMPS

FEED: BOTTOM

MOUNTING: SURFACE

SPECIAL FEATURES: SERVICE ENTRANCE RATED, 42KAIC

LOCATION: INSIDE LTG/RECEPT CONTROL PANEL

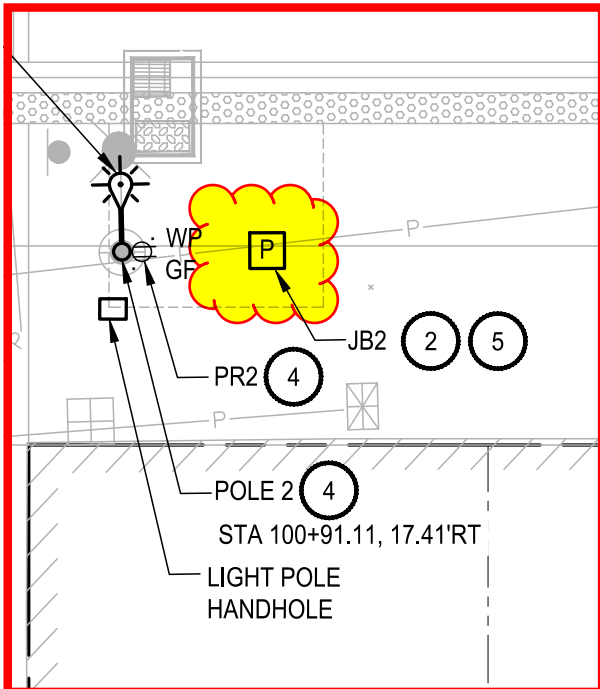
FED FROM: SERVICE ENTRANCE DISCONNECT, ALLEY

NOTES: LOCATE SURGE PROTECTION DEVICE CIRCUIT BREAKER NEAR MAIN CIRCUIT BREAKER.

LOAD TYPE	CIRCUIT DESCRIPTION	VA	CKT	BRKR	L1	L2	BRKR	CKT	VA	CIRCUIT DESCRIPTION	LOAD TYPE	
L	LTG, STREET (NORTH SIDE)	156	1	20 / 1	-A-		20 / 1	2	147	LTG, STREET (SOUTH SIDE)	L	
L	LTG, FESTOON (FL4, FL6, FL10, & FL12)	720	3	20 / 1		-B-	20 / 1	4	632	LTG, STAGE LIGHTING CONTROL PANEL	L	
R	RECEPT, POLE MOUNTED (PR1, PR3, & PR 5)	540	5	20 / 1	-A-		20 / 1	6	540	RECEPT, POLE MTD (PR2, PR4, & PR6)	R	
R	RECEPT, POLE MOUNTED (PR7, PR9, & PR11)	540	7	20 / 1		-B-	20 / 1	8	540	RECEPT, POLE MTD (PR8, PR10, & PR12)	R	
R	RECEPT, POLE MOUNTED (PR13 & PR 14)	360	9	20 / 1	-A-		20 / 1	10	360	RECEPT, PLANTER (PLR6, PLR10)	R	
R	RECEPT, PLANTER (PLR3A & PLR3B)	360	11	20 / 1		-B-	20 / 1	12		SPARE		
R	RECEPT, PLANTER (PLR11)	180	13	20 / 1	-A-		20 / 1	14	1,800	RECEPT, PLR1	R	
L	LTG, GATE PILLAR 1&2, SIGNS 1,3,5,7,9,&11.	160	15	20 / 1		-B-	20 / 1	16	1,800	RECEPT, PLR4	R	
R	RECEPT, INSIDE CLOCK (NON-SWITCHED)	180	17	20 / 1	-A-		20 / 1	18	1,800	RECEPT, PLR7	R	
	SPARE		19	20 / 1		-B-	20 / 1	20	1,800	RECEPT, PLR8	R	
L	LTG, ALLEY (EAST SIDE)	405	21	20 / 1	-A-			22	4,800		X	
H	HEATER, CABINET THERMOSTAT CONTROLLED	550	23	20 / 1		-B-	50 / 2	24	4,800	RECEPT, FOOD TRUCK FTR1	X	
L	LTG & RECEPT, CONTROL CABINET	480	25	20 / 1	-A-			26	4,800		X	
X	J-BOX, JB1 (STAGE - FUTURE ELECTRICAL)	1,800	27	20 / 1		-B-	50 / 2	28	4,800	RECEPT, FOOD TRUCK FTR4	X	
X	J-BOX, JB2 (SIDEWALK - FUTURE LIGHTING)	600	29	20 / 1	-A-			30	4,800	RECEPT, FOOD TRUCK FTR7	X	
	SPARE		31	20 / 1		-B-	50 / 2	32	4,800		X	
	SPARE		33	20 / 1	-A-			34	4,800	RECEPT, FOOD TRUCK FTR8	X	
	SPARE		35	20 / 1		-B-	50 / 2	36	4,800		X	
	SURGE PROTECTION DEVICE		37		-A-			38				
	SURGE PROTECTION DEVICE		39	30 / 2		-B-	50 / 2	40		SPARE		
LINE LOADS:		26,748 VA(L1)								28,102 VA(L2)		
TOTAL LOAD:		54.85 KVA			228.5 AMPS							

PQS1 LOAD CALCULATION:

		CONNECTED VA	METHOD	NEC DEMAND	CALC. VA
TOTAL LIGHTING (L) LOAD:	L	2,700	ALL @	125%	3,375
TOTAL RECEPTACLE (R) LOAD:	R	10,800	FIRST 10KVA @	125%	10,000
			REMAINDER OVER 10KVA	50%	400
TOTAL MOTOR (M) LOAD:	M	0	ALL @	100%	0
	LM	0	125% OF LARGEST	125%	0
TOTAL HVAC (H) LOAD:	H	550	ALL @	125%	688
TOTAL MISCELLANEOUS (X) LOAD:	X	40,800	ALL @	125%	51,000
TOTAL VA:		54,850 VA			65,463 VA
AVERAGE AMPS @		229 AMPS			273 AMPS
VOLTAGE PHASE TO PHASE=		240			



ELECTRICAL WILL BE PROVIDED, BUT IS NOT REQUIRED FOR SELECTION

IF ELECTRICAL IS REQUIRED FOR DESIGN, ARTIST IS TO PROVIDE:

- PLACEMENT DIMENSIONS FOR JUNCTION BOX.
- STAMPED ELECTRICAL DRAWINGS BY LICENSED ELECTRICAL ENGINEER FOR CONNECTION.

STRUCTURAL CONSTRAINTS

SPECIFICATION FOR CONCRETE PAVING AT SCULPTURE FOUNDATION:

8" STRUCTURAL CONCRETE SLAB
REINFORCED TO MEET AASHTO HS20 STANDARD
MAXIMUM POINT LOAD: 10,000 LBS

ARTIST TO PROVIDE STAMPED STRUCTURAL DRAWINGS FROM A LICENSED ENGINEER.
THEY ARE TO INCLUDE:

- CALCULATIONS FOR UPLIFT FORCES
- OVERALL STRUCTURAL SOUNDNESS
- FOUNDATION ANCHORAGE DETAILS
- ANY CONNECTION DETAILS TO BE PERFORMED BY GENERAL CONTRACTOR

MATERIAL CONSTRAINTS

SCULPTURE MUST BE MADE FROM DURABLE WEATHER AND FADE RESISTANT MATERIALS.

ARTIST TO PAY SPECIAL ATTENTION TO RISKS OF:

- PUBLIC CLIMBING
- VANDALISM
- CAMPING
- FIRE HAZARD

INSTALLATION COORDINATION

ARTIST IS REQUIRED TO COORDINATE SCULPTURES INSTALLATION WITH GENRAL CONTRACTOR.