

BRANCH CIRCUIT PANEL SUMMARY																								
SVA																								
PANEL DESIG.	SE RATED A/C	22000 NEMA 3R 120/240V 1Ø/3Ø	MAINS RATING (AMPS) MLO BKR	MOUNTING		BRANCH CIRCUIT BREAKERS (AMPS/POLE)														SUPPLY DEVICE RATING (SW/FUSE)	CIRCUIT NUMBER	FEEDER IDENT. ⬡		
				S	F	STATUS	32 20/1	20/2																
① A	•	•	•	225	•		ACTIVE	32	2	--												225/3 CB	-----	4
① B	•	•	•	225	•		ACTIVE	20	1	--											6	225/3 CB	-----	4
① C	•	•	•	225	•		ACTIVE	35	7													225/3 CB	-----	4

① PANELS TO BE SQUARE D POWER LINK WITH DISPLAY AND ASTRONOMICAL TIMECLOCK ON EACH PANEL. PANELS TO BE PROGRAMMED BY FACTORY REPRESENTATIVE PER OWNER REQUIREMENTS. ROUTE FEEDER #5 FROM EACH PANEL TO MANUAL SWITCHES ON PANEL B. VERIFY ALL REQUIREMENTS WITH PANEL MANUFACTURER.

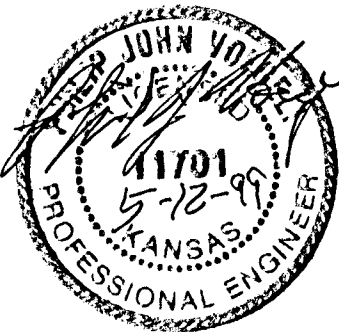
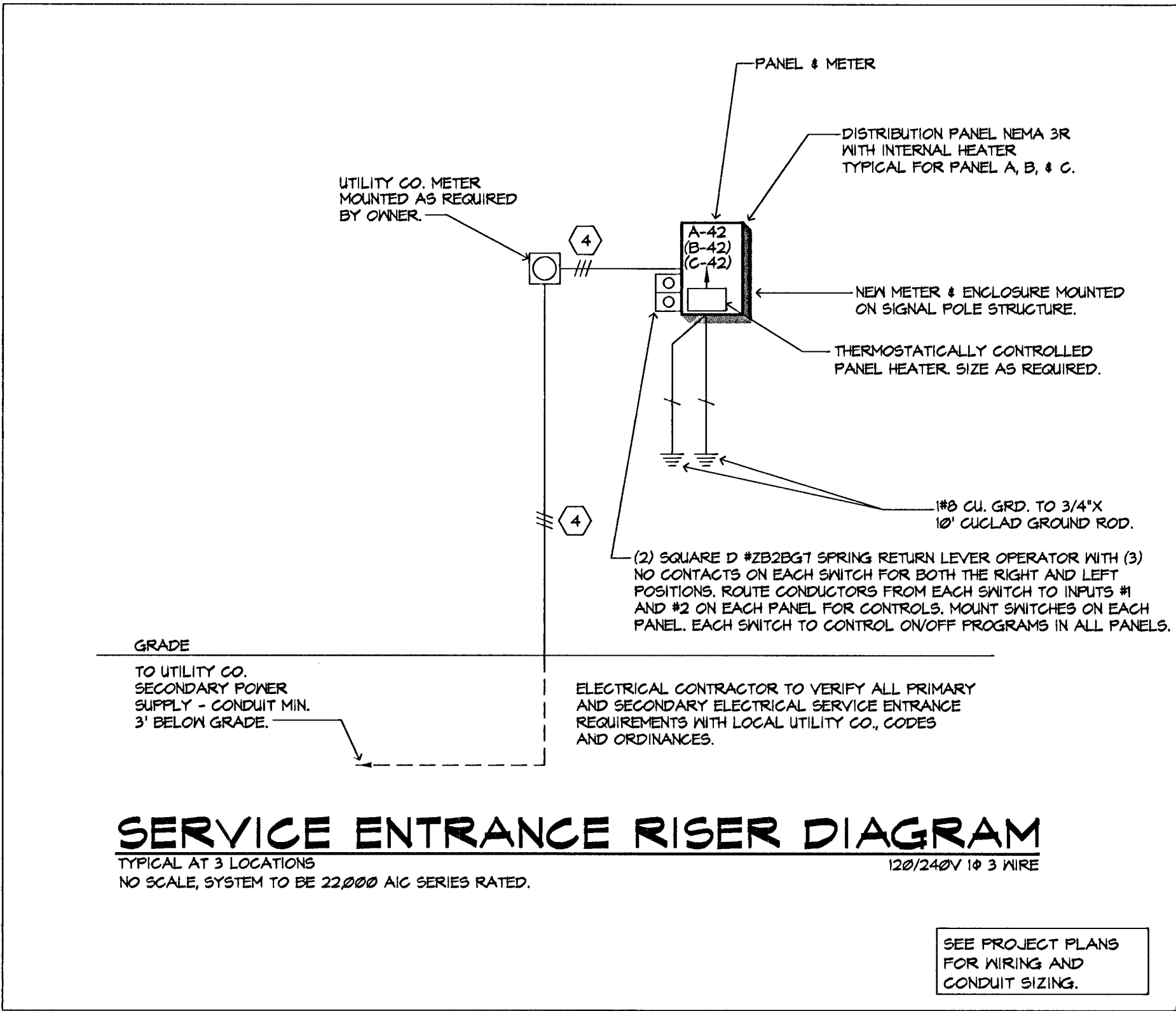
FEEDER SCHEDULE						
SVA						
FEEDER IDENT.	CONDUCTORS			GROUND SIZE	ISOLATED GRD. SIZE	CONDUIT SIZE
	SETS	QUANT. PER SET	SIZE	PER SET	PER SET	PER SET
② 1	1	2	#8	#10	-----	1"
② 2	1	2	#10	#10	-----	1"
② 3	1	3	#8	#10	-----	1"
② 4	1	3	#3/8	-----	-----	3"
② 5	1	10	#12	#12	-----	1"

- ① MIN. 36" BELOW GRADE WITH STEEL ELLS & RISERS.
② MIN. 30" BELOW GRADE.

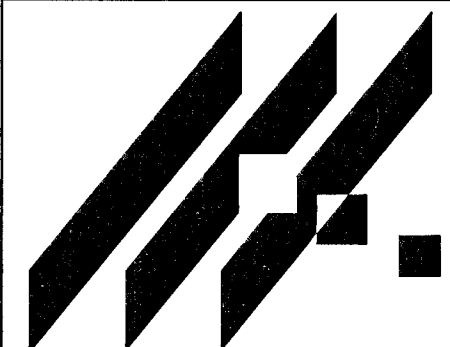
SPECIAL OUTLET SCHEDULE	
SVA	
SYMBOL	DESCRIPTION
⊙ A	GFCI RECEPTACLE MOUNTED ON POLE. CONTRACTOR TO PROVIDE RECEPTACLE, BOX AND IN-USE COVER. PROVIDE, INSTALL AND CONNECT COMPLETE ASSEMBLY. NO EXPOSED WIRING OR CONDUIT ALLOWED. CONTRACTOR TO VERIFY ALL REQUIREMENTS WITH KGE.
⊙ B	GFCI RECEPTACLE MOUNTED IN FLUSH GROUND MOUNTED BOX. CONTRACTOR TO PROVIDE RECEPTACLE, BOX AND IN-USE COVER. PROVIDE, INSTALL AND CONNECT COMPLETE ASSEMBLY. SEE DETAIL 2/L5 9/07.
⊙ C	GFCI RECEPTACLE MOUNTED ON INSIDE OF TOWER MOUNTING PLATE. CONTRACTOR TO PROVIDE RECEPTACLE, BOX AND IN-USE COVER. PROVIDE, INSTALL AND CONNECT COMPLETE ASSEMBLY. EXPOSED WIRING OR CONDUIT ALLOWED ONLY WITH OWNER APPROVAL. CONTRACTOR TO VERIFY ALL REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN. SEE DETAIL 3/L5 9/07.

SYMBOL LIST		
SVA		
SYMBOL	DESCRIPTION	MOUNTING
⊙ A	FLUORESCENT FIXTURE & FIXTURE LETTER	CEILING
⊙ A	FLUORESCENT FIXTURE & FIXTURE LETTER	CEILING
⊙ A	INCAND. OR H.I.D. FIXTURE & FIXT. LETTER	SURF. RECESSED
⊙ A	INCAND. OR H.I.D. FIXTURE & FIXT. LETTER	WALL BRACKET
⊙ A	EXIT FIXT. - SHADING DENOTES FACE(S)	CEIL./WALL
⊙ A	GFCI DUPLEX GROUNDED RECEPTACLE	1'-3" AFF
⊙ A	DUPLEX GROUNDED RECEPTACLE	1'-3" AFF
⊙ A	EXTERIOR GFCI RECEPT. WEATHERPROOF	1'-3" AFF
⊙ A	SPECIAL OUTLET, SEE SCHEDULE OR AS NOTED	
⊙ A	SWITCHES (1-POLE, 3-WAY, 4-WAY, PILOT KEY)	4'-0" TO TOP
⊙ A	JUNCTION BOX	
⊙ A	FUSTAT	
⊙ A	SPECIAL DEVICE AS NOTED ON PLAN	
⊙ A	BRANCH CIRCUIT PANEL & PANEL DESIG.	6'-6" TO TOP
⊙ A	H.D. SAFETY SWITCH (AMPS, POLE, VOLTAGE)	6'-6" TO TOP
⊙ A	STARTER (SIZE, POLE, VOLTAGE)	6'-6" TO TOP
⊙ A	CONDUIT RUN 2 #12 & #12 GRD. - 1/2" C.	CEIL./WALL
⊙ A	CONDUIT RUN 2 CIRCUITS #12 & #12 GRD. - 1/2" C.	EARTH/FLOOR
⊙ A	PARTIAL HOMERUN (MULTIPLE LOAD LOCATIONS)	
⊙ A	SEE NOTE #1	
⊙ A	CIRCUIT SUPPLIED FROM EMERGENCY SYSTEM	
⊙ A	FEEDER IDENTIFICATION, SEE SCHEDULE	

GENERAL NOTES	
SVA	
1.	VERIFY ALL OUTLET LOCATIONS ON THE JOB PRIOR TO ROUGH-IN.
2.	REFER TO RELATED ARCHITECTURAL, AND STRUCTURAL DRAWINGS FOR RELATED INFORMATION.
3.	REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.
4.	COORDINATE OUTLET BOX LOCATIONS WITH MASONRY TO MINIMIZE CUTTING OF BRICK OR BLOCK.
5.	ALL MOUNTING HEIGHTS TO BOTTOM OF ITEM UNLESS OTHERWISE NOTED.
6.	CONDUIT RUN W/CONDUCTORS AS INDICATED. CONDUIT SIZE AS REQUIRED. CONDUIT RUN TO PANEL DEVICE SIZE AS INDICATED (AMP/POLE). CIRCUIT WITHOUT INDICATION IS ROUTED TO 20A, 1P, BREAKER.
7.	A GROUND CONDUCTOR SIZED PER N. E. C. ARTICLE 250 IS REQUIRED IN ALL POWER, RECEPTACLE, AND LIGHTING CIRCUITS. GROUND CONDUCTORS ARE NOT SHOWN ON DRAWINGS.
8.	ELECTRICAL CONTRACTOR SHALL FULLY AND CAREFULLY COORDINATE ENTIRE INSTALLATION WITH KGE FOR SERVICE ENTRANCE AND POLE EQUIPMENT LOCATIONS. KGE WILL BE SETTING NEW LIGHT POLES WITHIN THIS PROJECT AND INSTALLATION OF ALL RECEPTACLES AND WIRING SHALL BE FULLY COORDINATED BY ELECTRICAL CONTRACTOR.
9.	BASE BID: CONTRACTOR SHALL PROVIDE ALL ELECTRICAL SERVICE ENTRANCE WORK, TO AND INCLUDING BRANCH CIRCUIT PANELS AND CONDUCTORS, CONTROL SWITCHES, FOUNTAIN CIRCUITS. BASE BID TO INCLUDE ALL BRANCH CIRCUIT CONDUITS FROM DISTRIBUTION PANELS TO POINT CONDUIT GOES ABOVE GRADE AT SPECIAL OUTLETS A, B OR C. NO BRANCH CIRCUIT CONDUCTORS, EQUIPMENT OR DEVICES FOR SPECIAL OUTLET A'S, B'S OR C'S TO BE INCLUDED IN BASE BID.
10.	ALTERNATE BIDS: (REFER TO BID FORM FOR DESCRIPTION OF ALL ALTERNATES.)
a.	PROVIDE ALL BRANCH CIRCUIT, CONDUITS, CONDUCTORS, DEVICES AND EQUIPMENT FOR SPECIAL OUTLET A'S AS INDICATED ON THE DRAWINGS. ALTERNATE BID TO BE AN AMOUNT TO ADD TO BASE BID FOR A COMPLETE PROJECT.
b.	PROVIDE ALL BRANCH CIRCUIT CONDUCTORS, DEVICES AND EQUIPMENT FOR SPECIAL OUTLET B'S AND C'S AS INDICATED ON THE DRAWINGS. ALTERNATE BID TO BE AN AMOUNT TO ADD TO BASE BID FOR A COMPLETE PROJECT.



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STREETSCAPES
PROJECT NAME

SCHEDULES AND RISER
SHEET TITLE

SVA
DESIGN BY: SVA
DRAWN BY: SVA
CHECKED BY: SVA
MAY 1998
DATE: 92010
JOB NO.: LS 902
SHEET OF

REV. MAY, 1999