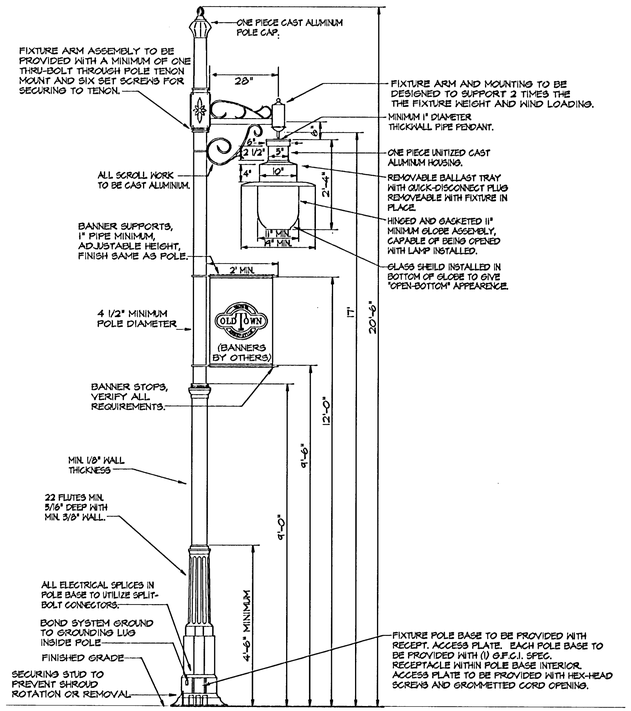
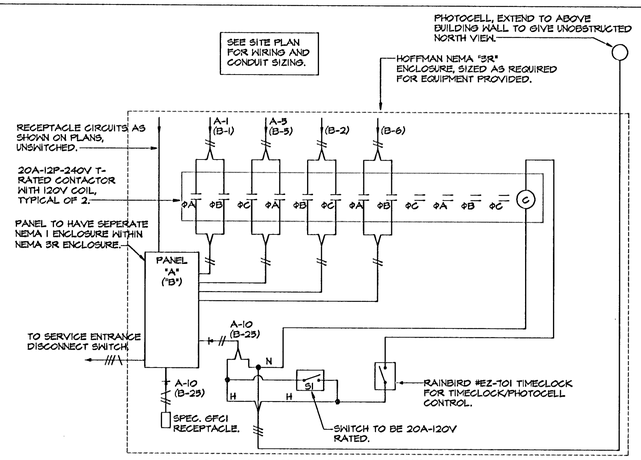


STREET LIGHT FIXTURE "F"

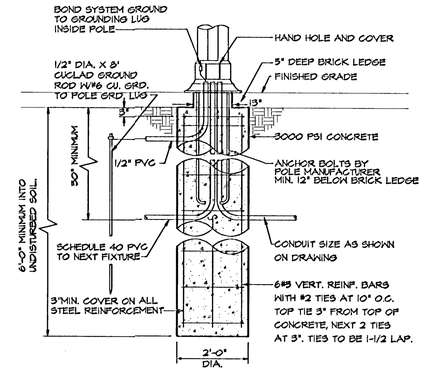
N.T.S.



ALL WIRING TO BE #12 MINIMUM, ALL CONDUIT TO BE 3/4" MINIMUM UNLESS NOTED OTHERWISE.

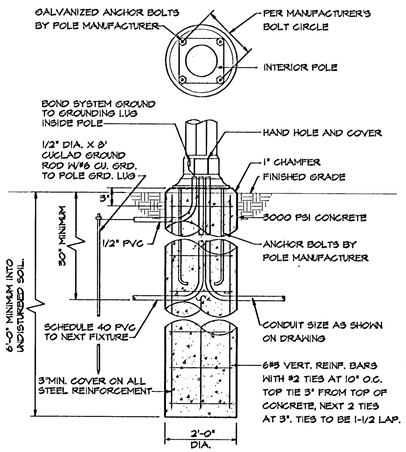
CONTROL CABINET "A" & "B" WIRING DETAIL

NO SCALE



POLE BASE DETAIL WITH BRICK LEDGE

N.T.S.



POLE BASE DETAIL

N.T.S.

GENERAL NOTES:

1. ALL CONDUITS TO BE ROUTED MINIMUM 30" BELOW GRADE.
2. E.C. SHALL VISIT JOBSITE PRIOR TO BID AND VERIFY ALL EXISTING CONDITIONS AND REQUIREMENTS.
3. E.C. TO CLOSELY COORDINATE ELECTRICAL INSTALLATION WITH PAVING AND CONCRETE WORK ON THIS PROJECT.
4. E.C. TO VERIFY ALL SERVICE ENTRANCE CONNECTIONS REQUIREMENTS WITH K.G.U.E. PRIOR TO BID.
5. NEW LIGHT FIXTURE "A" TO MATCH EXISTING LIGHTING FIXTURES IN OLD TOWN AREA.
6. ALL CONDUITS BELOW GRADE TO BE SCH. 40 PVC. WITH STEEL ELLS AND RISERS.
7. ALL POLE BASES BASE CONCRETE WORK ASSOCIATED WITH ELECTRICAL INSTALLATION TO BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.

FEEDER SCHEDULE

FEEDER IDENT.	CONDUCTORS			GROUND SIZE	ISOLATED GROUND	CONDUIT SIZE
	SETS	QUANT. PER SET	SIZE	PER SET	SIZE	PER SET
1	1	4	#3 THHN	-----	-----	1 1/4"
2	1	4	#3 THHN	#8	-----	1 1/4"
3	1	6	#6 THHN	#10	-----	1"
4	1	5	#8 THHN	#10	-----	1"
5	1	4	#10 THHN	#10	-----	3/4"
6	1	5	#10 THHN	#10	-----	3/4"
7	1	8	#6 THHN	#10	-----	1 1/4"

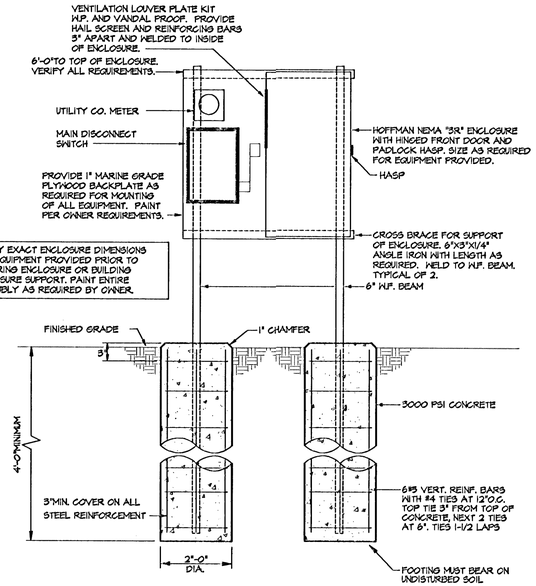
BRANCH CIRCUIT PANEL SUMMARY

PANEL DESIG.	120/240V. 3Ø 4W.	277/480V. 3Ø 4W.	MAINS RATING (AMPS) MLO	MAINS RATING (AMPS) BKR	MOUNTING S	MOUNTING F	BRANCH CIRCUIT BREAKERS (AMPS/POLE) STATUS	20/1	20/2	SPACE	SUPPLY DEVICE RATING (SW/FUSE)	CIRCUIT NUMBER	FEEDER IDENT.
A	•		100		•		ACTIVE	6	2	10	100/100	-----	2
							SPARE	2	4	-			
B	•		100		•		ACTIVE	12	4	4	100/100	-----	2
							SPARE	2	2	-			
							ACTIVE			-			
							SPARE			-			

LIGHT FIXTURE SCHEDULE

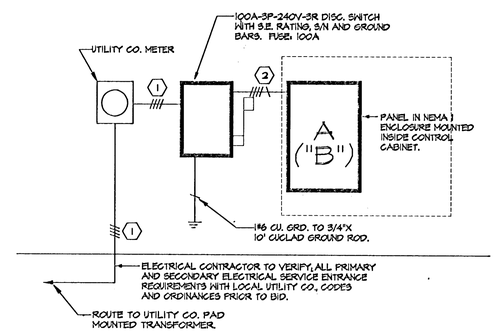
SVA

FIXT LTR	MANUFACTURER	CATALOG NUMBER	LAMPS NO.	LAMPS TYPE	FIXT. VOLT.	FINISH	MOUNTING	REMARKS
F	EMERY FIXTURES, INC.	FNIANBK3H175-MT-PE-SVA-MOD	1	175 MH	208V	BLACK	POLE	SEE DETAIL FOR FIXTURE POLE



CONTROL PANEL ENCLOSURE DETAIL FOR PANEL "A" & "B"

NO SCALE



SERVICE ENTRANCE RISER DIAGRAM - PANEL "A" & "B"

NO SCALE

Stefan, Voegeli & Associates Inc.
Electrical Engineering and Design
828 N. Broadway, Suite B
Wichita, Ks. 67214-3597
(316) 264-3081
FAX: (316) 264-3542

SRB
841 SOUTH HILLSIDE
WICHITA, KANSAS 67211
316-652-7754
FAX 652-7932
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

OLD TOWN STREET IMPROVEMENTS – PH. 2
ROCK ISLAND

REVISED

PROJECT NUMBER 472-82373/82358

DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
SVA	SVA	SVA	3/21/94		70E

SHEET NO. 20 OF 31 SHEETS

S:\SVA DWG. NUMBERS\ DRAWN BY: SVA CHECKED BY: DATE: 03/22/94 TIME: 08:10