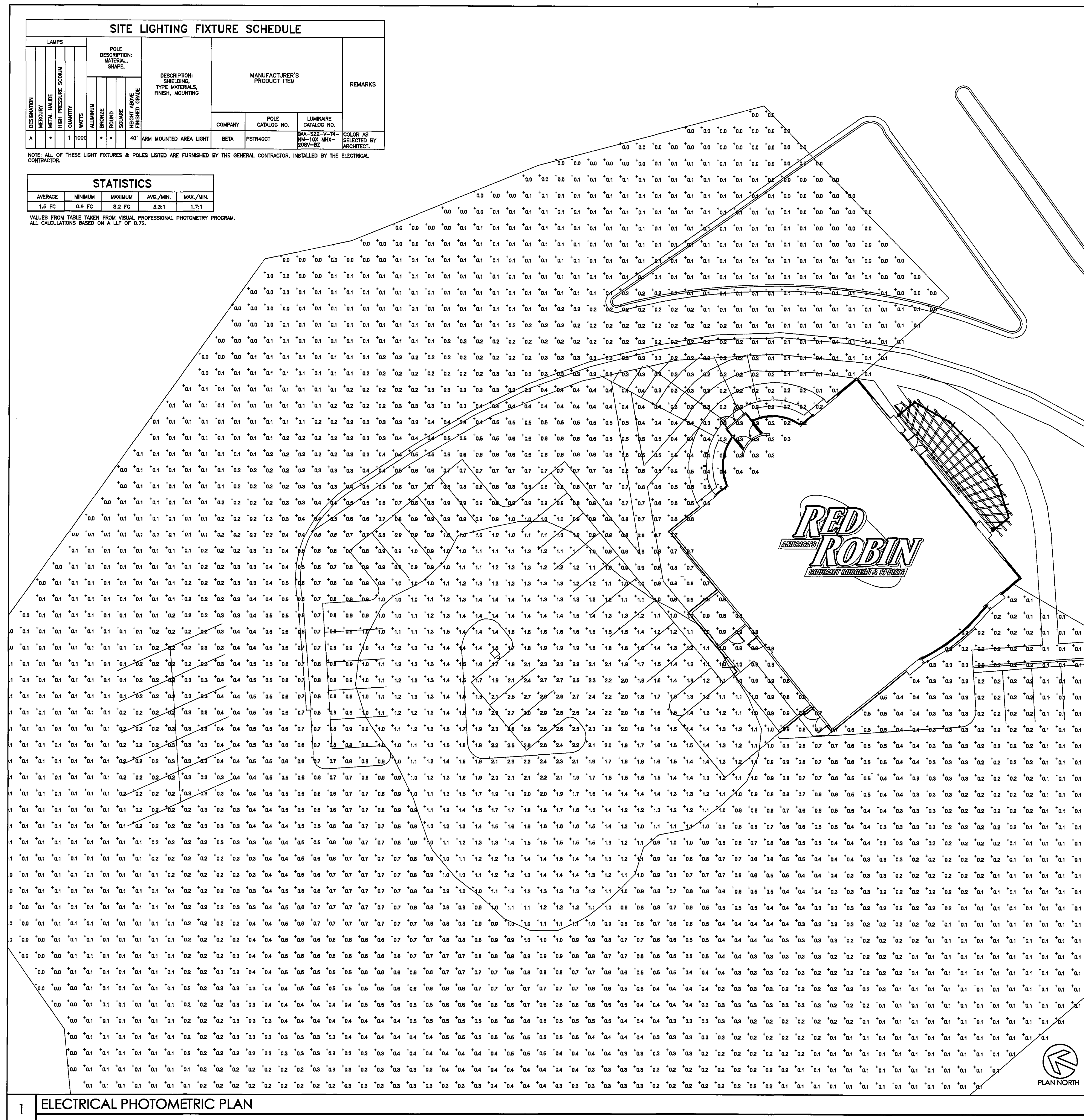




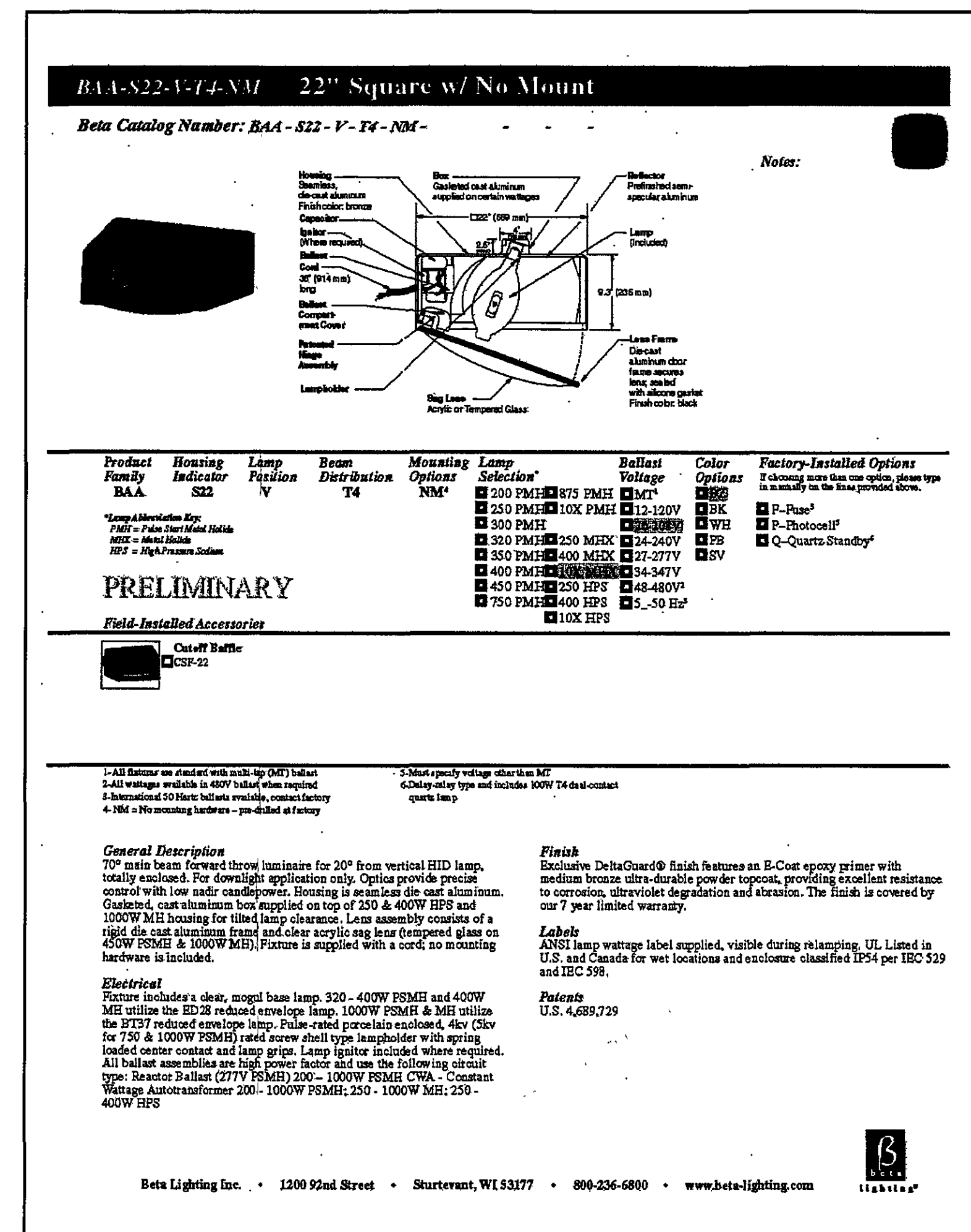
POLE SELECTION

Use the correct poles for an application, and/or consideration must be given to the shape, size and number of fixtures to be supported as well as the geographical location of the application. The charts below indicate Effective Footcandle (EFF) ratings for Beta Lighting poles. Fixture Efficacy ratings are found on pages 176-179.

This chart is in accordance with that map on page 175 to choose the appropriate pole for your Beta fixture(s). The listed values are base wind speeds and allow for a 1.2 gust factor.

The EFF rating of the pole must be equal to or greater than that of the fixture taking into consideration the wind direction at the job site as well as the mountings, tilt angles and number of fixtures required per pole.

Catalog No.	Height (feet) Wind Exposed (feet-inches)	Base Depth (feet-inches)	Base (feet-inches)	Base (feet-inches)	Pole "EFF" Ratings Base Wind Velocity (MPH)							
					70	80	90	100	110	120	130	140
Standard Round Poles (Crew-Weld)												
PT30R2C24	10'x 2 1/2" x 125	10'9" x 24"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C30	10'x 3" x 150	10'9" x 30"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C36	10'x 3 1/2" x 150	10'9" x 36"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C42	10'x 4" x 150	10'9" x 42"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C48	10'x 4 1/2" x 150	10'9" x 48"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C54	10'x 5" x 150	10'9" x 54"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C60	10'x 5 1/2" x 150	10'9" x 60"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C66	10'x 6" x 150	10'9" x 66"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C72	10'x 6 1/2" x 150	10'9" x 72"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C78	10'x 7" x 150	10'9" x 78"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C84	10'x 7 1/2" x 150	10'9" x 84"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C90	10'x 8" x 150	10'9" x 90"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C96	10'x 8 1/2" x 150	10'9" x 96"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C102	10'x 9" x 150	10'9" x 102"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C108	10'x 9 1/2" x 150	10'9" x 108"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C114	10'x 10" x 150	10'9" x 114"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C120	10'x 10 1/2" x 150	10'9" x 120"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C126	10'x 11" x 150	10'9" x 126"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C132	10'x 11 1/2" x 150	10'9" x 132"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C138	10'x 12" x 150	10'9" x 138"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C144	10'x 12 1/2" x 150	10'9" x 144"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C150	10'x 13" x 150	10'9" x 150"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C156	10'x 13 1/2" x 150	10'9" x 156"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C162	10'x 14" x 150	10'9" x 162"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C168	10'x 14 1/2" x 150	10'9" x 168"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C174	10'x 15" x 150	10'9" x 174"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C180	10'x 15 1/2" x 150	10'9" x 180"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C186	10'x 16" x 150	10'9" x 186"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C192	10'x 16 1/2" x 150	10'9" x 192"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C198	10'x 17" x 150	10'9" x 198"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C204	10'x 17 1/2" x 150	10'9" x 204"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C210	10'x 18" x 150	10'9" x 210"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C216	10'x 18 1/2" x 150	10'9" x 216"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C222	10'x 19" x 150	10'9" x 222"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C228	10'x 19 1/2" x 150	10'9" x 228"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C234	10'x 20" x 150	10'9" x 234"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C240	10'x 20 1/2" x 150	10'9" x 240"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C246	10'x 21" x 150	10'9" x 246"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C252	10'x 21 1/2" x 150	10'9" x 252"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C258	10'x 22" x 150	10'9" x 258"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C264	10'x 22 1/2" x 150	10'9" x 264"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C270	10'x 23" x 150	10'9" x 270"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C276	10'x 23 1/2" x 150	10'9" x 276"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C282	10'x 24" x 150	10'9" x 282"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C288	10'x 24 1/2" x 150	10'9" x 288"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C294	10'x 25" x 150	10'9" x 294"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C300	10'x 25 1/2" x 150	10'9" x 300"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C306	10'x 26" x 150	10'9" x 306"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C312	10'x 26 1/2" x 150	10'9" x 312"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C318	10'x 27" x 150	10'9" x 318"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C324	10'x 27 1/2" x 150	10'9" x 324"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C330	10'x 28" x 150	10'9" x 330"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C336	10'x 28 1/2" x 150	10'9" x 336"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C342	10'x 29" x 150	10'9" x 342"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C348	10'x 29 1/2" x 150	10'9" x 348"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C354	10'x 30" x 150	10'9" x 354"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C360	10'x 30 1/2" x 150	10'9" x 360"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C366	10'x 31" x 150	10'9" x 366"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C372	10'x 31 1/2" x 150	10'9" x 372"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C378	10'x 32" x 150	10'9" x 378"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C384	10'x 32 1/2" x 150	10'9" x 384"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C390	10'x 33" x 150	10'9" x 390"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C396	10'x 33 1/2" x 150	10'9" x 396"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C402	10'x 34" x 150	10'9" x 402"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C408	10'x 34 1/2" x 150	10'9" x 408"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C414	10'x 35" x 150	10'9" x 414"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C420	10'x 35 1/2" x 150	10'9" x 420"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C426	10'x 36" x 150	10'9" x 426"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C432	10'x 36 1/2" x 150	10'9" x 432"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C438	10'x 37" x 150	10'9" x 438"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C444	10'x 37 1/2" x 150	10'9" x 444"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C450	10'x 38" x 150	10'9" x 450"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C456	10'x 38 1/2" x 150	10'9" x 456"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C462	10'x 39" x 150	10'9" x 462"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C468	10'x 39 1/2" x 150	10'9" x 468"	34	21 1/2	23 1/2	16 1/2	14 1/2	11 1/2	9 1/2	7 1/2	6 1/2	4 3/4
PT30R2C474	10'x 40" x 150	10'9" x 474"	34	21 1/2	23 1/2	16 1/2	14 1/2	11				





RED ROBIN GOURMET BURGERS
 4802 VALLEY VIEW BLVD NW ROAD
 ROANOKE, VA

ELECTRICAL SITE PLAN & NOTES
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Revisors	PERMIT / BID ISSUE
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I HEREBY CERTIFY THAT THESE PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION AND THAT TO THE BEST OF MY KNOWLEDGE, THEY COMPLY WITH ALL RULES, REGULATIONS AND ORDINANCES OF FINANCIAL INSTITUTIONS RELATING TO STRUCTURES AND BUILDINGS.

Drawn by
ELF

Scale
1"=10'-0"

Job No.
05-4411

Sheet No.
ES-1

Checked by
GRS

Date
12/13/05