

LIGHTING PLAN

Numeric Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
Osgood to Ames_3_Planar	Illuminance	Fc	107	3.7	0.3	3.57
Barton to Osgood_2_Planar	Illuminance	Fc	169	3.2	0.4	2.73
Howard to Winter_Planar	Illuminance	Fc	129	5.0	0.4	3.23
Winter to Barton_1_Planar	Illuminance	Fc	105	3.2	0.3	3.50

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Lumens	LLF	Description	Arm	Watts	No. Lamps
●	32	GE177260	SINGLE	28000	0.810	MERR255_GMS3	1.82	305	1
●	1	VL1K1343	SINGLE	16000	0.750		0	0	1
★	49	VL3HGSH3-175MH	SINGLE	12000	0.750	K804-HGSH-III-175GMDGMH-120	1.82	192.5	1

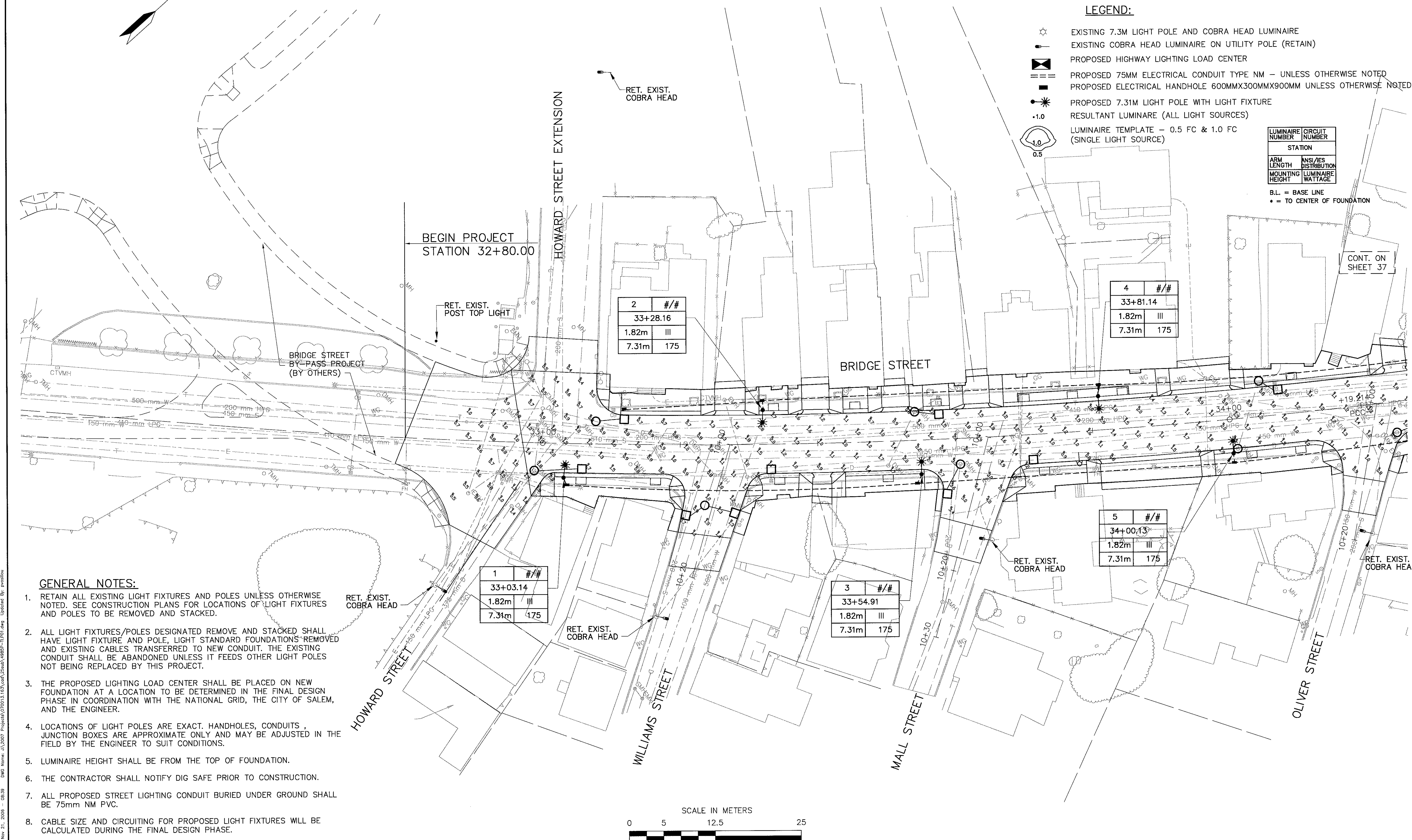
[MANUFAC]	[LUMCAT]	[LAMP CAT]	[LAMP]
GE Lighting Systems - Hendersonville, NC	MERR255_GMS3	GE L18250	1) 250W HPS, CLEAR ED18, HORZ
KING LUMINAIRE CO., INC., BURLINGTON, ONT			
KING LUMINAIRE CO., INC., BURLINGTON, ONT	K804-HGSH-III-175GMDGMH-120		ONE 175W CLEAR ED-28 METAL HALIDE LAMP

LEGEND:

- EXISTING 7.3M LIGHT POLE AND COBRA HEAD LUMINAIRE
- EXISTING COBRA HEAD LUMINAIRE ON UTILITY POLE (RETAIN)
- PROPOSED HIGHWAY LIGHTING LOAD CENTER
- PROPOSED 75MM ELECTRICAL CONDUIT TYPE NM - UNLESS OTHERWISE NOTED
- PROPOSED ELECTRICAL HANDHOLE 600MMX300MMX900MM UNLESS OTHERWISE NOTED
- PROPOSED 7.31M LIGHT POLE WITH LIGHT FIXTURE
- RESULTANT LUMINAIRE (ALL LIGHT SOURCES)
- LUMINAIRE TEMPLATE - 0.5 FC & 1.0 FC (SINGLE LIGHT SOURCE)

LUMINAIRE NUMBER	CIRCUIT NUMBER
STATION	
ARM LENGTH	ANSI/IES DISTRIBUTION
MOUNTING HEIGHT	LUMINAIRE WATTAGE

B.L. = BASE LINE
• = TO CENTER OF FOUNDATION



GENERAL NOTES:

- RETAIN ALL EXISTING LIGHT FIXTURES AND POLES UNLESS OTHERWISE NOTED. SEE CONSTRUCTION PLANS FOR LOCATIONS OF LIGHT FIXTURES AND POLES TO BE REMOVED AND STACKED.
- ALL LIGHT FIXTURES/POLES DESIGNATED REMOVE AND STACKED SHALL HAVE LIGHT FIXTURE AND POLE, LIGHT STANDARD FOUNDATIONS REMOVED AND EXISTING CABLES TRANSFERRED TO NEW CONDUIT. THE EXISTING CONDUIT SHALL BE ABANDONED UNLESS IT FEEDS OTHER LIGHT POLES NOT BEING REPLACED BY THIS PROJECT.
- THE PROPOSED LIGHTING LOAD CENTER SHALL BE PLACED ON NEW FOUNDATION AT A LOCATION TO BE DETERMINED IN THE FINAL DESIGN PHASE IN COORDINATION WITH THE NATIONAL GRID, THE CITY OF SALEM, AND THE ENGINEER.
- LOCATIONS OF LIGHT POLES ARE EXACT. HANDHOLES, CONDUITS, JUNCTION BOXES ARE APPROXIMATE ONLY AND MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER TO SUIT CONDITIONS.
- LUMINAIRE HEIGHT SHALL BE FROM THE TOP OF FOUNDATION.
- THE CONTRACTOR SHALL NOTIFY DIG SAFE PRIOR TO CONSTRUCTION.
- ALL PROPOSED STREET LIGHTING CONDUIT BURIED UNDER GROUND SHALL BE 75mm NM PVC.
- CABLE SIZE AND CIRCUITING FOR PROPOSED LIGHT FIXTURES WILL BE CALCULATED DURING THE FINAL DESIGN PHASE.

