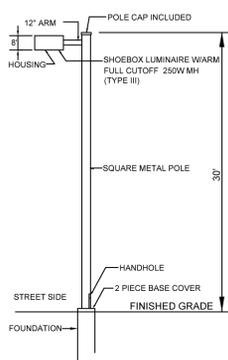


LEGEND

YARD LIGHTS
 4 EA. - 250W SHOEBOX - DUKE ENERGY PROGRESS -
 METAL HALIDE FIXTURE W/ TYPE III THROW PATTERN
 250W - 30' MOUNTING HEIGHT



SHOEBOX LUMINAIRES AND SQUARE POLES
 N.T.S.

NOTES

1. FINAL LEVELING OF POLE IS TO BE MADE THROUGH USE OF DOUBLE NUTS
2. ALL FOUR SIDES OF POLE ARE DRILLED WITH 3 HOLES AS SHOWN IN INSERT AND WASHERS PROVIDED WITH ANCHOR BOLTS OR GALVANIZED SHIMS. ABOVE TO ACCOMMODATE A MAXIMUM OF FOUR LUMINAIRES. STEEL PLATES OR PLUG COVER EACH SIDE UNTIL UNITS ARE INSTALLED.
3. SPECIAL HANDLING OF THESE SQUARE POLES IS NECESSARY TO MINIMIZE DAMAGE TO FINISH OF POLE. A NYLON SLING SHOULD BE USED TO LIFT POLE AT ALL TIMES. CHAINS, CABLES, OR ROPES MUST NOT BE USED. A CAN OF TOUCH-UP PAINT IS INCLUDED WITH ACCESSORIES FOR EACH POLE.
4. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR ASSEMBLY AND ATTACHMENT OF FIXTURE(S) AND ARMS(S) TO POLE.
5. WHEN APPLICABLE, NEW POLE SHALL BE POSITIONED SUCH THAT THE HANDHOLE IS FACING AWAY FROM THE STREET.
6. FOR MULTIPLE LIGHTING CIRCUITS, CONNECT THE SOURCE AND LOAD CONDUCTORS INTO THE HANDHOLE AND CONNECT USING WIRE NUTS FOR ALL #10 CONDUCTORS OR THE STREETLIGHT CONNECTION BLOCK FOR LARGER (1/0 MAX.) SOURCE AND LOAD CONDUCTORS.

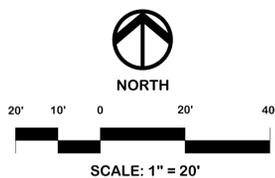
LIGHTING PLAN NOTES

1. THE CE GROUP, INC. IS NOT RESPONSIBLE FOR SAFETY AND SECURITY RISKS DUE INADEQUATE LIGHTING LEVELS.
2. MAINTAINED FOOTCANDLES AT GRADE USING A 0.72 LIGHT LOSS FACTOR.
3. LIGHT LEVELS MODELED USING VISUAL - PROFESSIONAL EDITION SOFTWARE, VERSION 2.06.0234
4. ALL FIXTURES TO MEET IESNA FULL CUTOFF CLASSIFICATION.
5. UNDERGROUND UTILITIES (EXISTING AND PROPOSED) ARE FOR INFORMATIONAL PURPOSES ONLY. SEE APPROPRIATE SHEET IN THIS SET FOR DETAILS. CONTRACTOR TO VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION, AND NOTIFY THE OWNER AND/OR ENGINEER OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORK.
6. SEE ARCHITECTURAL DRAWINGS FOR INFORMATION REGARDING EXTERIOR DECORATIVE FIXTURES.

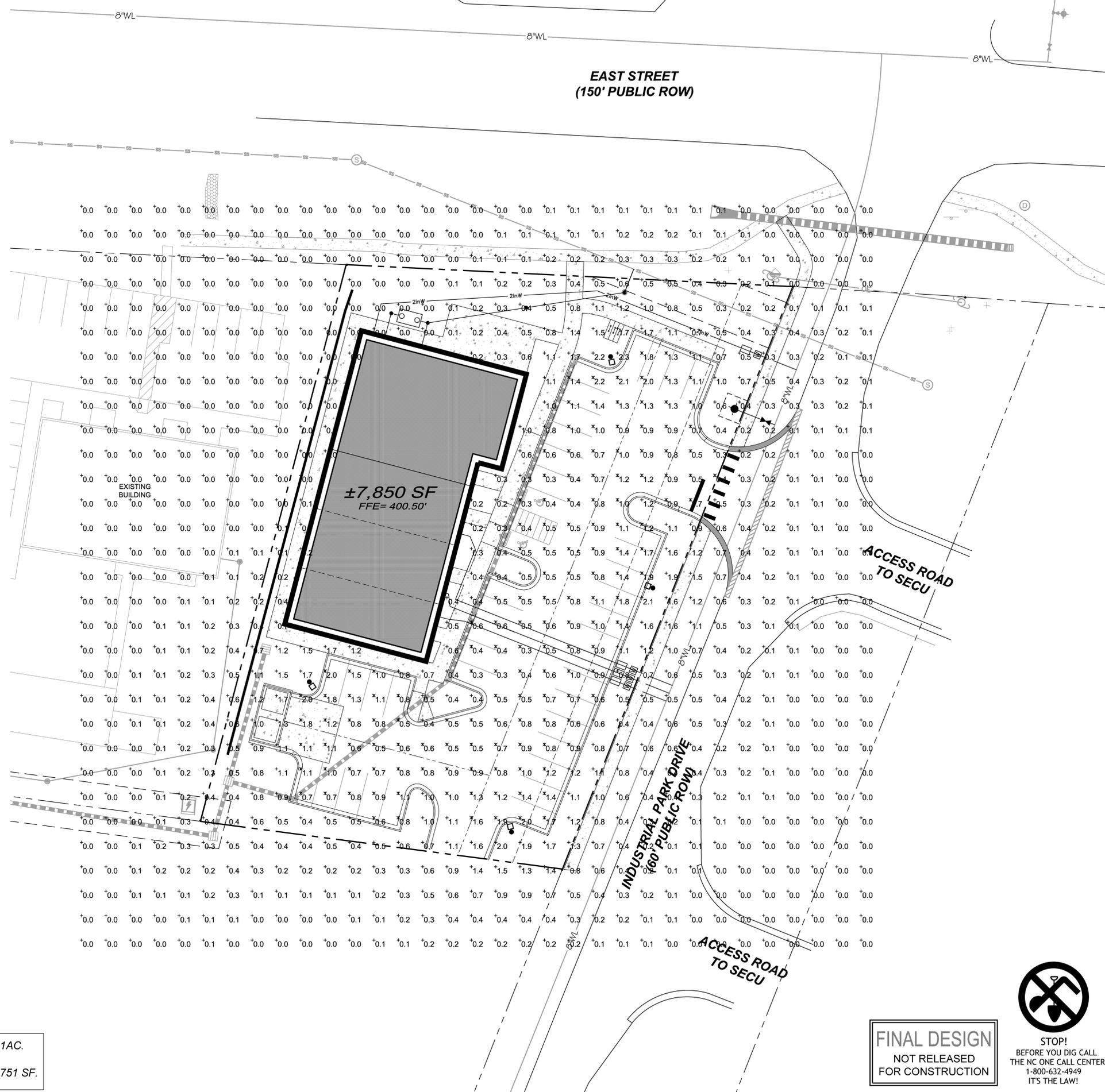
LIGHTING DATA	
AVERAGE	0.9 fc
MINIMUM	0.3 fc
MAXIMUM	2.2 fc
AVG / MIN	3:1

SYMBOL LEGEND

	PROPERTY CORNER FOUND
	WATER VALVE
	SEWER MANHOLE
	UTILITY POLE
	LIGHT POLE
	SIGN
	GRATED INLET
	OPEN THROAT CURB INLET
	EXISTING GAS LINE



TOTAL SITE AREA = ± 0.91AC.
 TOTAL DISTURBANCE = ± 39,751 SF.



NO.	REVISIONS	DATE
1	REVISED PER TOWN COMMENTS	7/22/16
2	REVISED PER TOWN COMMENTS	8/23/16

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 License # C-1739

Professional Seal for **W. R. RALPH**, License No. 18894, State of North Carolina.

SITE DEVELOPMENT PLANS
 FOR
 LOT 9 US 64 EAST BUSINESS PARK
 LIGHTING PLAN
 CHATHAM COUNTY, NC

Date: APRIL, 2016
 Scale: 1" = 20'
 Drawn: CPM
 Checked: MPA
 Project No: 127-198
 Computer Dwg. Name: 127-198_Sht-07-lighting-Plan

Sheet No: **7** Of **7**

FINAL DESIGN
 NOT RELEASED
 FOR CONSTRUCTION

