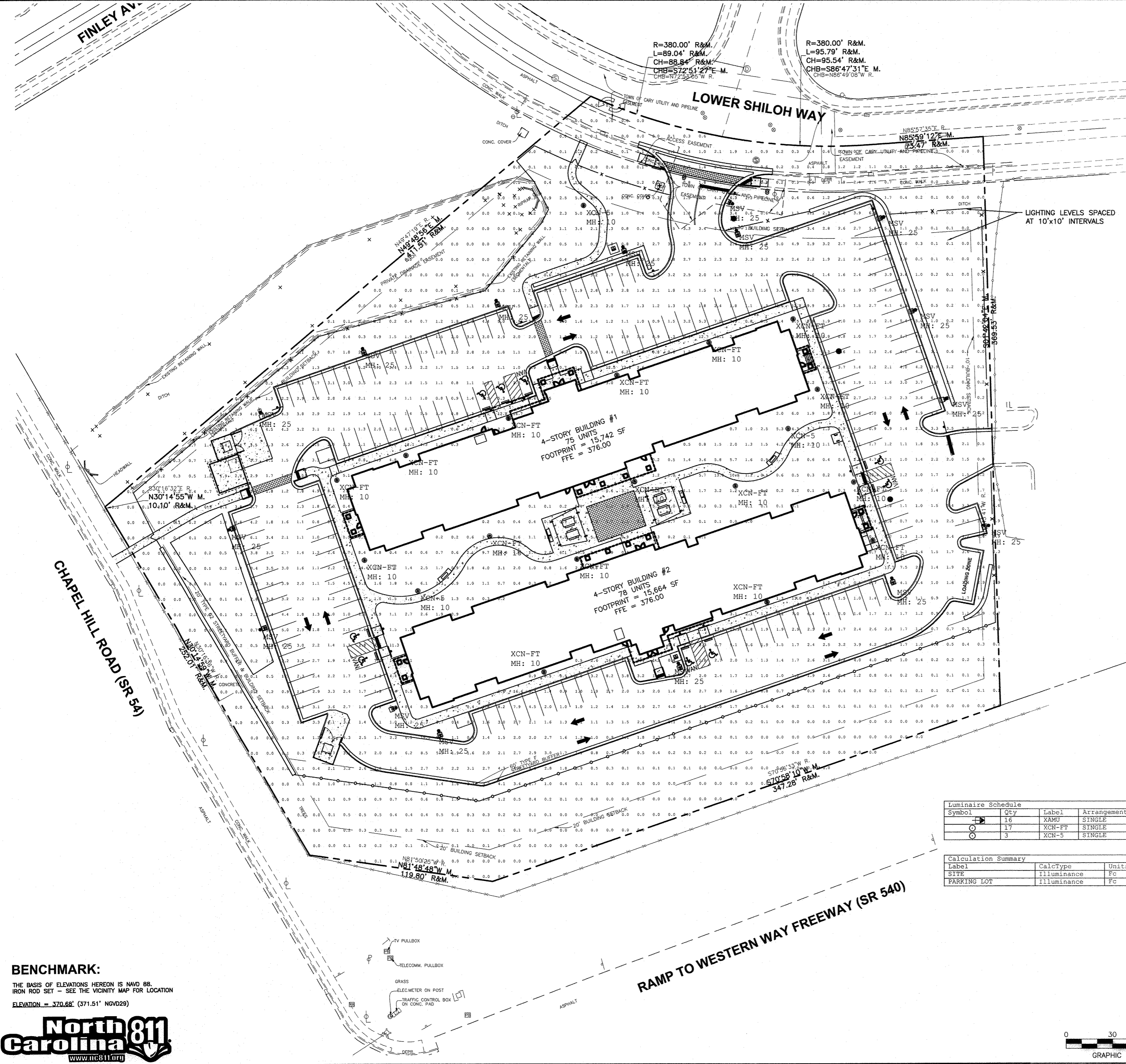


Layout Tab Name: C700 LIGHTING PLAN, Images: MAP.png, Morrisville aerial.jpg, Morrisville aerial (2).jpg, Morrisville aerial new.jpg, Xrefs: 0753556-TBLK.dwg, 0753556-P.dwg, 0753556-X.dwg, 0753556-X-DIGITIZED.dwg, Buildings.dwg
 Last Saved By: jaczinski, 12/12/2017 8:34:30 AM
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- ### LIGHTING NOTES
1. CONCRETE LIGHT POLE BASES TO HAVE A BROOM FINISH AND TO BE INSPECTED BY THE OWNER PRIOR TO ACCEPTANCE.
 2. LIGHT FIXTURES SHALL BE FULL CUTOFF.
 3. LIGHT FIXTURE AND POLE DETAILS CAN BE FOUND ON SHEET C701.



REVISION	DATE	No.

PROJECT No: 0753556
 DATE 01/24/17
 DES. JG
 DR. JL
 CKD. TR

11301 Carmel Commons Blvd.
 Suite 300
 Charlotte, NC 28226
 704.525.6284
 FAX: 704.525.8529



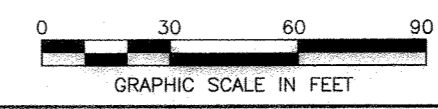
SITE IMPROVEMENT PLANS
WATERWALK MORRISVILLE
 1012 & 1016 LOWER SHILOH WAY
 MORRISVILLE, NORTH CAROLINA
LIGHTING PLAN

Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
⊙	16	XAMU	SINGLE	12446	0.850	XAMU-3-LED-128-SS-NW - 25FT POLE
⊙	17	XCN-FT	SINGLE	7739	0.850	XCN4-PT-FT-LED-HO-NW-UE - 10FT POLE
⊙	3	XCN-5	SINGLE	7286	0.850	XCN4-PT-5-LED-HO-NW-UE - 10FT POLE

Label	CalcType	Units	Avg	Max	Min	Avg/Min
SITE	Illuminance	Fc	1.62	16.7	0.0	N.A.
PARKING LOT	Illuminance	Fc	2.25	6.0	0.6	3.75

FOOTCANDLE READING TAKEN AT GRADE

BENCHMARK:
 THE BASIS OF ELEVATIONS HEREON IS NAVD 88.
 IRON ROD SET - SEE THE VICINITY MAP FOR LOCATION
 ELEVATION = 370.68' (371.51' NGVD29)



MORRISVILLE PROJECT #: 17-11000001 FILE #: 17-0001-S/C

Town of Morrisville
 APPROVED FOR CONSTRUCTION

Signature: [Signature] Date: 5/31/18
 Town of Morrisville, Town Engineer

Signature: [Signature] Date: 5/23/18
 Town of Cary Utilities, Water and Sewer

Engineering: 5/31/18 RLP
 Planning: 7/25/18 JLP
 Other (specify): 5/31/18 JEB LSJ

Engineering Inspection Services must be contacted (919) 463-6907 at a minimum 24 hours prior to the commencement of any construction activities.

SHEET NO.
C700