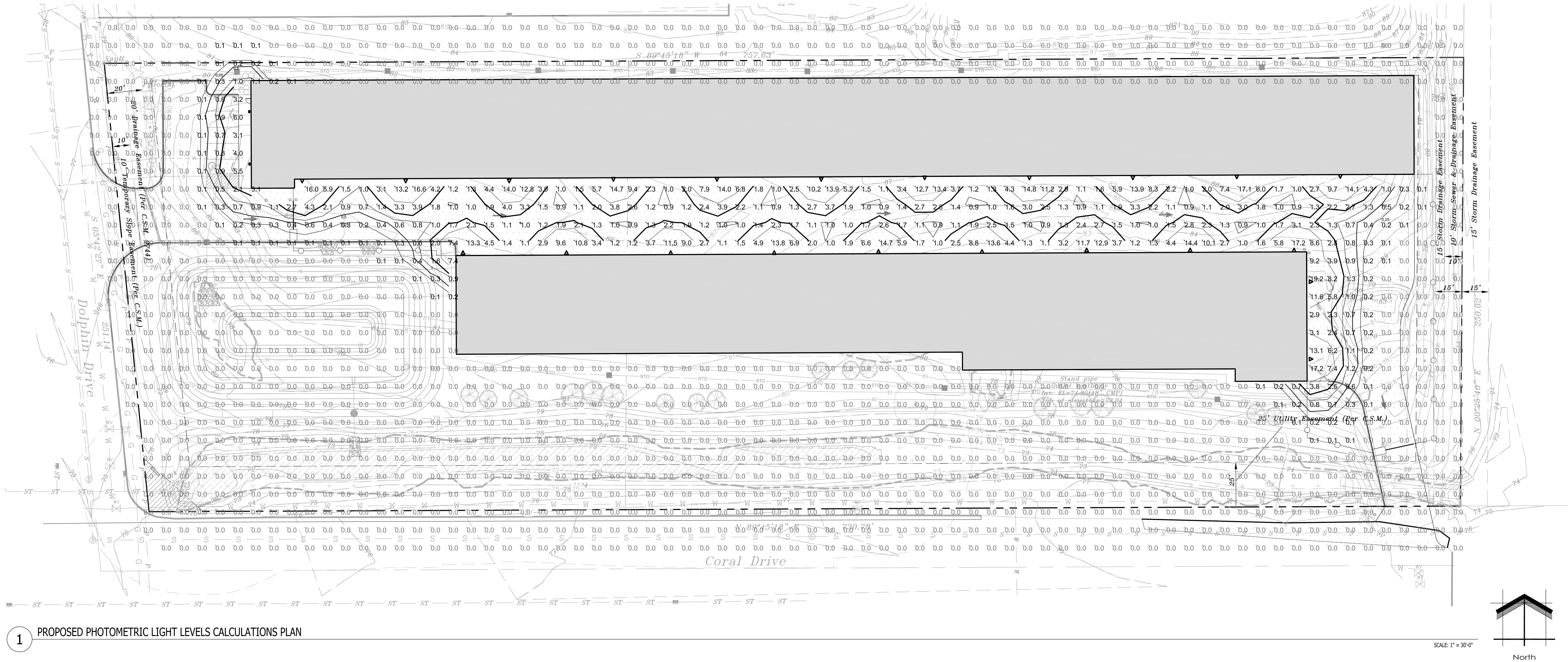




1 PROPOSED PHOTOMETRIC LIGHT LEVELS CALCULATIONS PLAN

LUMINAIRE SCHEDULE							
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens LLF Watts
	A	22	EWLS02_70AF740-120-27TV	EWLS02 WALL PACK	LEDs	EWLS02_70A F740-120-27TVIES	Absolute 1.00 52
	B	2	EWLS02_40AF740-120-27TV	EWLS02 WALL PACK	LEDs	EWLS02_40A F740-120-27TVIES	Absolute 1.00 27
STATISTICS							
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	
Calc Zone #2	+	0.7 fc	16.3 fc	0.0 fc	N / A	N / A	

EXISTING CONDITIONS GENERAL NOTES

- INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE ARCHITECTURAL DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.
- VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES I.E. WATER, SEWER, ELECTRICAL, TELECOMMUNICATION AND ACCESS PANELS FOR ALL UTILITIES AND ALL ASSOCIATED EQUIPMENT FOR ACCESSIBILITY OF THOSE ITEMS.
- VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS. BRING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.

PHOTOMETRIC PLAN GENERAL NOTES

- BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POLE PLACEMENTS AND LUMINAIRE ORIENTATION. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO RELEVANT FIELD CONDITIONS.
- THE DEPICTED ILLUMINATION RESULTS ARE BASED UPON ILLUMINATION MEASUREMENTS AS CALCULATED BY AN INDEPENDENT LABORATORY. LUMINAIRE CHARACTERISTICAL DATA WAS MEASURED UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH APPROVED ILLUMINATION ENGINEERING SOCIETY METHODS. ACTUAL ON-SITE PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY FROM LABORATORY TEST RESULTS DUE TO VARIATIONS IN: ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.
- IF EXISTING LUMINAIRES ARE INCLUDED IN THIS REPORT, THEIR ILLUMINATION CHARACTERISTICS ARE BASED UPON A COMBINATION OF CUSTOMER'S PROVIDED SPECIFICATIONS & OUR BEST ESTIMATION.

LUMINAIRE GENERAL NOTES

- INSTALLATION CONTRACTOR TO REFER TO ELECTRICAL PLANS FOR CONDUIT ROUTING OF LIGHT POLES AND SIGNAGE LIGHTING CONTROL AND WIRING.
- ALL EXTERIOR FIXTURES, BOTH BUILDING MOUNTED AND POLE FIXTURES SHALL BE DESIGNED AND INSTALLED SUCH THAT THE LIGHT EMITTED FROM THE LUMINAIRE AT AN ANGLE OF 90 DEGREES FROM VERTICAL (OR MORE) AND NO LIGHT SHALL TRESPASS ACROSS PARCEL BOUNDARIES INTO ADJACENT LOST, BUILDINGS OR STREETS IN EXCESS OF 0.2 FOOT CANDLE OR GREATER.
- ALL BUILDING MOUNTED LIGHT FIXTURES ARE TO BE COORDINATED WITH THE ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS AND LOCATIONS.
- FOR PURPOSES OF CALCULATING THE BUILDING MOUNTED LIGHTING AND PHOTOMETRIC OUTPUT LUMINAIRE WERE PLACED AT 9'-0" AND 12'-0" ABOVE FINISHED FLOOR ELEVATION AND ALL BUILDING MOUNTED FLOOD LIGHTS COORDINATED WITH THE ARCHITECTURAL ELEVATIONS AND PLACED AT HEIGHTS SPECIFIED ON THE BUILDING ELEVATIONS. THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS ARE CALCULATED VALUES INCLUDE DIRECT AND INTER-REFLECTED COMPONENT AND ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY (IES) APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LEDs AND OTHER MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LEDs AND OTHER VARIABLE FIELD CONDITIONS. CALCULATIONS DO NOT INCLUDE OBSTRUCTIONS SUCH AS BUILDINGS CURBS, LANDSCAPING, OR ANY OTHER ARCHITECTURAL ELEMENTS UNLESS NOTED.

FOLLOW THE LIGHTING SCHEDULE FOR ALL LIGHT FIXTURES. NO SUBSTITUTIONS WILL BE ACCEPTED.

BASE BID MUST REFLECT THE SPECIFIED FIXTURES. SHOULD SUBSTITUTIONS BE PROVIDED TO THE OWNER/LIGHTING DESIGNERS FOR REVIEW AT THE OWNER'S REQUEST, THE CONTRACTOR/DISTRIBUTOR SHALL BE RESPONSIBLE FOR PROVIDING A LIST OF SUBSTITUTIONS ALONG WITH THE FOLLOWING:

- CATALOG CUT SHEETS.
- PHOTOMETRIC REPORTS.
- A NEW POINT BY POINT PHOTOMETRIC CALCULATIONS PLAN OF THE AREAS AFFECTED BY THE SUBSTITUTION.
- INPUT PARAMETERS (MOUNTING HEIGHT, CALCULATION PLANE HEIGHT, REFLECTANCE, LIGHT LUMEN DEPRECIATION AND ETC.) SHALL BE THE SAME AS THOSE OF THE LIGHTING DESIGNER.
- CALCULATIONS SHALL BE SUBMITTED IN A SCALED PLOT FORMAT AND CLEARLY INDICATE THE DESIGN PARAMETERS USED FOR THE CALCULATIONS FOR PRODUCT SUBSTITUTION EVALUATION.

SHOULD THE ABOVE NOTES REQUIREMENTS NOT BE MET, INSITE LANDSCAPE DESIGN INC. WILL REVIEW ANY SUBSTITUTIONS AT THE FIRMS PREVAILING BILLING RATE ON A 17M BASIS BILLED TO THE CONTRACTOR/DISTRIBUTOR PROVIDING THE SUBSTITUTION. CONTRACTOR TO PROVIDE ALL NECESSARY COMPONENTS, POWER SUPPLIES AND ACCESSORIES FOR A COMPLETE OPERATING INSTALLATION PER APPLICABLE CODES AND MANUFACTURER'S SPECIFICATIONS. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO THE OWNER/LIGHTING DESIGNER FOR APPROVAL PRIOR TO ORDER. CONTRACTOR SHALL REVIEW ALL THE LUMINAIRE CUT SHEETS INCLUDING THE DESCRIPTION, INSTALLATION AND CATALOG NUMBER. CONTRACTOR SHALL NOTIFY THE OWNER/DESIGNER OF ANY DISCREPANCIES. VERIFY ALL FINISHES/COLORS OF FIXTURES AND ACCESSORIES WITH DESIGNER PRIOR TO ORDERING. ELECTRICAL CONTRACTOR TO PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE BUILDING/ENERGY CODES AND ALL OTHER CODES THAT HAVE AUTHORITY OVER THIS PROJECT. CONTRACTOR FOR THE PROJECT SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED BUILDING/ELECTRICAL PERMITS.

SHOP DRAWINGS / MATERIAL SUBMITTAL FOR REVIEW

ALL SUBMITTALS DENOTE THE FOLLOWING OF THE FIRST PAGE:

- DATE OF ARCHITECTURAL AND STRUCTURAL DRAWINGS IN WHICH THE SUBMITTAL REFERS.
- DATE OF REFERENCE MATERIAL IN WHICH THE SUBMITTAL REFERS.
- DATE OF FIELD VISIT.
- ALL SUBMITTALS SHALL ONLY SHOW THE PRODUCTS / MATERIALS THAT ARE PLANNED FOR THIS PROJECT.
- EACH MATERIAL / DETAIL / DRAWINGS THAT ARE BEING SUBMITTED SHALL DENOTE THE ARCHITECTURAL DETAIL / STRUCTURAL DETAIL SUBSTITUTION. THEY SHALL FOLLOW THE INSTRUCTION ALREADY GIVEN BY THE GENERAL CONTRACTOR, AS WELL AS THE FOLLOWING: FROM WHICH IT REFERS.
- EXAMPLE: YOUR DETAIL (A) REFERS TO ARCHITECTURAL DETAIL "X" ON SHEET "Y" AND/OR REFERS TO STRUCTURAL DETAIL "X" ON SHEET "Y"
- DENOTE AS ARCH REF: X/AXX
- DENOTED AS STRUC REF: X/SXX
- ANY AND ALL CHANGES TO YOUR ORIGINAL SUBMISSION SHALL BE CLOUDED IN RED, AND HAVE A REVISION DELTA. EACH REVISION SHALL BE CONSECUTIVELY NUMBERED.
- ALL SUBMISSIONS MUST FIRST MEET THE APPROVAL OF THE GENERAL CONTRACTOR AND BEAR THEIR APPROVAL STAMP.
- DOOR SUBMISSIONS SHALL USE THE SAME NUMBERING SYSTEM AS THESE DRAWINGS OR WILL NOT BE REVIEWED.
- WINDOW SUBMISSIONS SHALL USE THE SAME NUMBERING SYSTEM AS THESE DRAWINGS OR WILL NOT BE REVIEWED.
- FINISH MATERIAL SUBMISSIONS SHALL USE THE SAME NUMBERING SYSTEM AS THESE DRAWINGS.
- SUBMISSIONS THAT DO NOT SHOW THE ABOVE REQUESTED INFORMATION WILL BE RETURNED WITHOUT A REVIEW.
- STEEL SUPPLIER / DETAILER TO PROVIDE AN ISOMETRIC DRAWING OF ERECTED STEEL FRAME THAT CLEARLY IDENTIFIES EACH STEEL COMPONENT ASSOCIATED WITH THE SUBMISSION.
- STEEL SUPPLIER TO MARK EACH FACE OF ANY COLUMN DETAILING WITH THE FOLLOWING:
 - P.1. N = NORTH FACE
 - P.2. S = SOUTH FACE
 - P.3. E = EAST FACE
 - P.4. W = WEST FACE.

- STEEL SUPPLIER TO DENOTE THE FINISHED FLOOR ELEVATION OF EACH FLOOR AS WELL AS EACH TOP OF BEAM AND/OR JOIST THAT IS RELATIVE TO THE RESPECTIVE COLUMN DETAIL.
- G.C. SHALL ALLOW FOR NOT LESS THAN (10 + 10 = 20) BUSINESS DAYS FOR RETURN OF ARCHITECTURAL AND STRUCTURAL REVIEW. IF A CONCURRENT REVIEW IS REQUESTED IT WILL NOT BE CONSOLIDATED.

- G.C. SHALL PROVIDE THEIR COMMENTS IN BLUE INK ONLY.
 - STRUCTURAL ENGINEER SHALL PROVIDE THEIR COMMENTS IN RED INK ONLY.
 - ARCHITECTURAL SHALL PRIMARILY PROVIDE THEIR COMMENTS IN GREEN INK, AS WELL AS IN ANY OTHER CODED AND COLOR CODED REMARKS.
 - OWNER SHALL PROVIDE THEIR COMMENTS IN BLACK INK ONLY.
- IN THE EVENT THAT AN INSTALLING CONTRACTOR OR MATERIAL SUPPLIER WOULD LIKE TO REQUEST A MATERIAL ALTERNATE OR MATERIAL SUBSTITUTION, THEY SHALL FOLLOW THE INSTRUCTION ALREADY GIVEN BY THE GENERAL CONTRACTOR, AS WELL AS THE FOLLOWING:
- SUBMIT THE RESPECTIVE REQUEST TO THE GENERAL CONTRACTOR FOR THEIR & OWNERS VETTING AND COMMENTS:
 - a. ON YOUR COMPANY LETTER HEAD:
 - PROJECT NAME.
 - PROJECT NUMBER.
 - NAME OF RELEASE OF DRAWINGS IN WHICH THIS SUBMITTAL REFERS.
 - DATE OF DRAWINGS IN WHICH THIS SUBMITTAL REFERS.
 - THE SPECIFIC SHEET NUMBERS, DETAIL NUMBERS AND DRAWING ITEMS OR SPECIFICATION ITEMS THAT ARE SPECIFICALLY INVOLVED IN YOUR REQUEST.
 - PROVIDE ALL OF THE FULL CONTACT INFORMATION FOR BOTH THE INSTALLING CONTRACTOR & MATERIAL SUPPLIER, INVOLVED IN THE REQUEST.
 - 7.1. IDENTIFY THE ORIGINAL MATERIAL.
 - 7.2. IDENTIFY THE ALTERNATE MATERIAL.
 - 7.3. IN A DETAILED NARRATIVE DESCRIBE ALL OF THE REASONS THIS ALTERNATE SHOULD BE ACCEPTED OVER THE ORIGINAL. CITE LANGUAGE FROM THE MANUFACTURER WRITTEN PUBLICATIONS, AS WELL AS YOUR OWN.
 - INCLUDED WARRANTY COMPARISONS
 - PRICE IMPLICATIONS TO PROJECT
 - SCHEDULE IMPLICATIONS TO PROJECT
 - PROVIDE THE MANUFACTURERS WRITTEN SPECIFICATION, PUBLISHED SALES INFORMATION AND ALL RELEVANT MATERIAL INFORMATION FOR BOTH THE ORIGINAL AND PROPOSED MATERIALS.
 - ON BOTH MATERIALS - HIGHLIGHT IN GREEN WHERE THESE MATERIALS ARE OF EQUAL COMPARISON.
 - ON THE ORIGINAL MATERIAL - HIGHLIGHT IN YELLOW WHERE THE ORIGINAL IS A LESSER PRODUCT THEN WHAT YOU ARE PROPOSING.
 - ON THE PROPOSED MATERIAL - HIGHLIGHT IN PINK WHERE THE PROPOSED IS A LESSER PRODUCT THEN THE ORIGINAL.
11. ONLY AFTER, THIS SUBMISSION HAS MET THE APPROVAL OF THE GENERAL CONTRACTOR (VIA THEIR REVIEW STAMP) AND THE OWNERS APPROVAL (VIA THEIR ORIGINAL SIGNATURE), IS IT TO BE FORWARDED TO THE CORRESPONDING DESIGN REVIEWER.
12. IF THE ABOVE IS NOT SUBMITTED AS A PART OF THE REQUEST, IT SHALL BE RETURNED WITHOUT COMMENT AND RETURNED WITHOUT REVIEW.

INSITE

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STOR - IT RIGHT WAUKESHA

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Issuance and Revisions:

Date	Number	Description
05/21/26		Plan Commission Submittal

Sheet Title:

PROPOSED PHOTOMETRIC LIGHT LEVEL CALCULATIONS PLAN, GENERAL NOTES, AND LIGHT FIXTURE TABLE

Date of Drawing: 05/21/26
Scale: 1" = 20'-0"
Drawn By: MCD
Job Number: L26-043
Sheet Number:

PHO1.1

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES. THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED TO. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN CALL THE MILWAUKEE UTILITY ALERT NETWORK
www.DiggersHotline.com
(800)-242-8511
OR

Know what's below. Call before you dig.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

WISCONSIN STATUTE 182.0175 (1974) REQUIRES A MINIMUM OF 3 DAYS NOTICE BEFORE YOU EXCAVATE (NOT INCLUDING SATURDAY, SUNDAY OR LEGAL HOLIDAYS)

