

Project No.: 656-13-237

Upgrade Street Lighting

St. Cloud VA Health Care System

Main Campus, St. Cloud, Minnesota

CONTRACTOR PARKING & STAGING PROJECT NOTES:

Contractor Parking - allowed at designated East Contractor Parking Lot. Contractor limited to (2) vehicles at a time. No overnight parking.

Contractor Trailer - (1) construction trailer allowed in designated staging area (East Contractor Parking Lot). Trailer to be lockable. VA not responsible for lost or stolen items. Park trailer in numbered trailer slot as instructed by CDR.

Demolition Dumpster - no dumpster to be set on site as part of this project. Contractor to use trailer or company vehicle to store and transport existing removed fixture heads from VAHCS property.



GENERAL CONDITIONS:

All dimensions on drawings are approximate; Drawings are not to be scaled. It is the responsibility of the contractor to verify all field conditions and physical dimensions that influence the construction area.

It is recommended that contractors visit the proposed construction site prior to submitting their bids and they are encouraged to do so.

Contractor shall adhere strictly to State and Federal Occupational Safety and Health Administration (OSHA) Standards.

Contractor shall park only in the designated parking areas and are not to park on the lawn areas; the only exception is to load or unload supplies or equipment.

Contractor is responsible for the safeguarding of their tools and equipment. All tools and equipment are not to be left unattended and are to be secured at all times when the contractor is not present, or the construction site is not supervised by the contractor.

All VA property is to be safeguarded from damage. Any damaged VA property is to be restored to original condition prior to damage or replaced completely. This includes installation, labor, and procurement expenses.

All demolished material becomes the property and the responsibility of the contractor with the exception of specified items designated either in the plans or verbally requested by the CDR to be retained by the VA. Offsite disposal of the demolished items, per specified guidelines, is the responsibility of the contractor.

Contractor must control demolition and construction dust from facility by erecting a dust barrier and ventilation with hepa filters. If venting to outside, the contractor will insure negative air pressure is maintained in encapsulated work area. When transporting debris, wet down sufficiently to prevent dust spreading.

If scaffolding is used, it must be used in accordance with (OSHA) regulations and is to be enclosed for the first eight feet above ground at end of each working day, until dismantled. Ladders must be removed and locked up at the end of each working day to prevent unauthorized persons from having access.

Clean all debris from construction site to the satisfaction of the CDR.

Contractor is responsible for repairing and replacing any damaged lawn. The restoration will be performed by a landscape contractor that regularly does sodding as part of their business. All damaged lawn will be overcut by 6" or more to accomodate full width rolls of sod. Top soil to be tilled and graded to a smooth matching grade of undamaged lawn. Sod to be thoroughly saturated with water upon placement. The contractor is responsible for watering new sod until project acceptance by the CDR.

Contractor is responsible for erecting a barrier around each days work site to prevent patients, staff and visitors from entering work area. This fence may be a plastic snow fence, see project general notes for more information.

Access to all buildings and parking areas must be maintained throughout the project.

Contractors are to coordinate all work with the Contracting Officers Representative. (CDR)

PROJECT GENERAL NOTES:

All fixture heads to be functional at the end (4:30pm) of each work day. Meaning, a fixture head is to be removed and replaced in the same working day. Do not work ahead farther with removal of heads than can be replaced the same day.

Communicate with the project CDR the day prior to working on a particular fixture head. Coordinate with CDR at each fixture to barricade and mark any parking spaces that need to be held open for a work area at that fixture. Only 1-3 parking spaces will be allowed to be effected per light pole (at the discretion of the CDR). Barricade/mark stalls after 4:30pm the day prior to work being done at a particular light fixture pole.

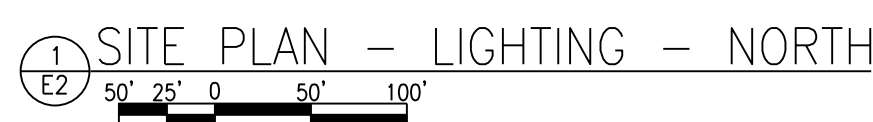
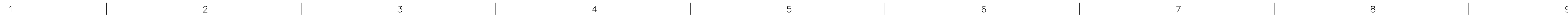
100% CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

No		REVISION		DATE	
VA FORM 08-6231					
				Alexandria 525 Broadway Street Alexandria, MN 56308 phone 320.759.9030 facsimile 320.759.9062 www.jlgarchitects.com copyright © 2013	
STAMPED: I HEREBY CERTIFY THAT THIS PLAN GROUP AND TOOL OR REPORT WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  ANTHONY OLSON, P.E. DATE: 03-20-2013		MINNESOTA REG. NO.		APPROVED SERVICE LINE DIRECTOR DATE APPROVED TENS COORDINATOR DATE APPROVED PROJECTS SECTION MANAGER DATE APPROVED DIRECTOR FMS DATE	
APPROVED TRAFFIC CONTROL NURSE DATE APPROVED PATIENT SAFETY DATE APPROVED CHIEF OF POLICE DATE APPROVED SAFETY MANAGER DATE		DRAWING TITLE PROJECT COVER SHEET		PROJECT TITLE UPGRADE STREET LIGHTING DATE 02.20.2013 PLAT SCALE AS NOTED PROJECT NO. 656-13-237 CAD FILE G1_cover DRAWING NO. G1 SHEET 1 OF 4	
APPROVED MEDICAL CENTER DIRECTOR DATE		BUILDING NO. ---		CHECKED BY AN BL LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	
					

LIGHT FIXTURE SCHEDULE																	
TYPE	MANUFACTURER	SERIES	VOLT	LAMP				BALLAST / POWER SUPPLY / TRANSFORMER				DIMENSIONS	FINISH	MOUNTING	DESCRIPTION		
				WATTS / TYPE	LAMP QTY.	CCT KELVIN	CRI	NOTES / LUMENS	RATED LIFE HRS	QTY.	LAMP QTY.					BF	SYSTEM WATTS
A1	APPROVED EQUAL TO: LITHONIA	D-SERIES	480V	142W LED	1	4000	70	16,839	100,000	-	-	-	MAX. 157	-	EXISTING POLE NOTE #4	ARCHITECTURAL LED AREA LUMINAIRE, SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, INTEGRAL EXPOSED HEAT SINK W/ WIDELY SPACED OPEN FIN DESIGN, COMPLETELY SEALED, INTEGRAL SURGE PROTECTION, CAPTIVE MAINTENANCE SCREWS, MIN. OF 5-YEAR WARRANTY, TYPE V DISTRIBUTION.	
A1L	APPROVED EQUAL TO: LITHONIA	D-SERIES	208V	142W LED	1	4000	70	16,839	100,000	-	-	-	MAX. 157	-	EXISTING POLE NOTE #4	SAME AS "A1" EXCEPT 208V.	
A2	APPROVED EQUAL TO: LITHONIA	D-SERIES	480V	142W LED	1	4000	70	16,839	100,000	-	-	-	MAX. 157	-	EXISTING POLE NOTE #4	ARCHITECTURAL LED AREA LUMINAIRE, SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, INTEGRAL EXPOSED HEAT SINK W/ WIDELY SPACED OPEN FIN DESIGN, COMPLETELY SEALED, INTEGRAL SURGE PROTECTION, CAPTIVE MAINTENANCE SCREWS, MIN. OF 5-YEAR WARRANTY, TYPE II DISTRIBUTION.	
A2L	APPROVED EQUAL TO: LITHONIA	D-SERIES	208V	142W LED	1	4000	70	16,839	100,000	-	-	-	MAX. 157	-	EXISTING POLE NOTE #4	SAME AS "A2" EXCEPT 208V.	
A3	APPROVED EQUAL TO: LITHONIA	D-SERIES	480V	142W LED	1	4000	70	16,839	100,000	-	-	-	MAX. 157	-	EXISTING POLE NOTE #4	ARCHITECTURAL LED AREA LUMINAIRE, SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, INTEGRAL EXPOSED HEAT SINK W/ WIDELY SPACED OPEN FIN DESIGN, COMPLETELY SEALED, INTEGRAL SURGE PROTECTION, CAPTIVE MAINTENANCE SCREWS, MIN. OF 5-YEAR WARRANTY, TYPE III DISTRIBUTION.	
A3L	APPROVED EQUAL TO: LITHONIA	D-SERIES	208V	142W LED	1	4000	70	16,839	100,000	-	-	-	MAX. 157	-	EXISTING POLE NOTE #4	SAME AS "A3" EXCEPT 208V.	
A4	APPROVED EQUAL TO: LITHONIA	D-SERIES	480V	142W LED	1	4000	70	16,839	100,000	-	-	-	MAX. 157	-	EXISTING POLE NOTE #4	ARCHITECTURAL LED AREA LUMINAIRE, SINGLE-PIECE DIE-CAST ALUMINUM HOUSING, INTEGRAL EXPOSED HEAT SINK W/ WIDELY SPACED OPEN FIN DESIGN, COMPLETELY SEALED, INTEGRAL SURGE PROTECTION, CAPTIVE MAINTENANCE SCREWS, MIN. OF 5-YEAR WARRANTY, TYPE IV DISTRIBUTION.	
A4L	APPROVED EQUAL TO: LITHONIA	D-SERIES	208V	142W LED	1	4000	70	16,839	100,000	-	-	-	MAX. 157	-	EXISTING POLE NOTE #4	SAME AS "A4" EXCEPT 208V.	
PROVIDE SPARE MATERIALS AS LISTED BELOW: a. (2) SPARE FIXTURES OF EACH TYPE A1, A2, A3, AND A4, COMPLETE WITH ALL MOUNTING HARDWARE. b. (2) ADDITIONAL LED LIGHT BAR ASSEMBLIES FOR EACH DISTRIBUTION TYPE. c. (2) ADDITIONAL LED DRIVERS FOR 480V INPUT. d. (4) ADDITIONAL LED DRIVERS FOR 208V INPUT. e. (4) ADDITIONAL SURGE PROTECTION MODULES. NOTE: ALL SPARE MATERIALS SHALL BE PACKAGED INDIVIDUALLY AND SHALL BE LABELLED WITH PART # & FULL DESCRIPTION.																	
ABBREVIATIONS: BF BALLAST FACTOR CCT CORRELATED COLOR TEMPERATURE CD CANDELA CRI COLOR RENDERING INDEX HAL HALOGEN IS INSTANT START INC INCANDESCENT																	
LED LIGHT EMITTING DIODE MH METAL HALIDE MS MANUFACTURER'S STANDARD NA NOT APPLICABLE OAH OVERALL HEIGHT PS PROGRAMMED START RS RAPID START																	
GENERAL NOTES: A. SUBMITTALS WILL NOT BE ACCEPTED WITHOUT BALLAST AND LAMP DATA. B. SEE SPEC SECTION 26 0511 AND 26 5600 FOR ADDITIONAL REQUIREMENTS. C. RECEIVED AT THE VA A MINIMUM OF 3 DAYS PRIOR TO THE SCHEDULED PRE-BID WALK THRU, SUBMITTALS MUST INCLUDE PRODUCT DATA, ALL APPROPRIATE ELECTRONIC IES FILES, A FIXTURE SAMPLE, AND THE CONTACT INFORMATION OF THE FIXTURE REPRESENTATIVE. D. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE. E. RATED LIFE OF LED LUMINAIRES IS TO L70 UNLESS NOTED OTHERWISE. F. COLOR TEMPERATURE OF LED LUMINAIRES IS NOMINAL UNLESS NOTED OTHERWISE. G. SYSTEM WATTAGE SCHEDULED IS NOMINAL UNLESS NOTED OTHERWISE.																	
NOTES: 1. LUMINAIRE SHALL BE MOUNTED TO EXISTING SQUARE POLE. 2. PROVIDE NECESSARY MOUNTING HARDWARE.																	

ELECTRICAL ABBREVIATIONS														
Ø	AMPERE	ELEV	ELEVATION OR ELEVATOR	MCC	MOTOR CONTROL CENTER	PVC	POLYVINYL-CHLORIDE (CONDUIT)							
AC	ABOVE COUNTER	ENC	ENCLOSURE	M.C.	MECHANICAL CONTRACTOR	RGP	REFERENCE GROUND POINT							
A/C	AIR CONDITIONER	ENT	ELECTRICAL NONMETALLIC TUBING	MDF	MAIN DISTRIBUTION PANEL	RMC	RIGID METAL CONDUIT							
AG	ABOVE FINISHED FLOOR	E.S.	EQUIPMENT SUPPLIER	MCH	MECHANICAL	RNC	RIGID NONMETALLIC CONDUIT							
AG	ABOVE GRADE	EWC	ELECTRIC WATER COOLER	MFG	MANUFACTURER	RS	RIGID STEEL (CONDUIT)							
ANN/C	ANNUNCIATOR	EX	EXISTING	MFS	MAXIMUM FUSE SIZE	SE	SINGLE POINT CONNECTION							
A/V	AUDIO/VIDEO	EXH	EXHAUST FAN	MFL	MINIMUM	SSS	SOLID STATE STARTER							
APPROX	APPROXIMATE	FAM	FIRE ALARM	MSWB	MAIN SWITCHBOARD	STRUC	STRUCTURAL							
C	CONDUIT	FA	FIRE ALARM ANNUNCIATOR	MTD	MOUNTED	SUSE	SUITABLE FOR USE AS SERVICE EQUIPMENT							
CAB	CABINET	FACP	FIRE ALARM CONTROL PANEL	N/C	NORMALLY CLOSED	SWBD	SWITCHBOARD							
C.B.	CIRCUIT BREAKER	FMC	FLEXIBLE METAL CONDUIT	N/C	NATIONAL ELECTRIC	THRU	THROUGH							
CIRCUIT	CIRCUIT	FMT	FLEXIBLE METALLIC TUBING	NEMA	NATIONAL ELECTRIC MFG ASSOCIATION	TYPE	TYPE							
COMB	COMBINATION	FT	FEET	NEUTRAL	NEUTRAL	UC	UNDERGROUND							
COMM	COMMUNICATION	G.C.	GENERAL CONTRACTOR	NOT	NORMALLY OPEN	UH	UNIT HEATER							
CONTR	CONTRACTOR	G.F.C.	GROUND FAULT CIRCUIT INTERRUPT	LF	LIQUID TIGHT FLEXIBLE	V	VOLT							
COH	CABINET UNIT HEATER	GND	GROUND	NO	NORMALLY OPEN	W	WIRE GUARD							
D	DEDICATED CIRCUIT	HQA	HAND-OFF-AUTO	NUCC	NONMETALLIC UNDERGROUND CONDUIT WITH CONDUCTORS	W/	WITH							
DN	DOWN	IMC	INTERMEDIATE METAL CONDUIT	P	PUMP	WG	WIRE AMPERE							
DWG	DRAWING	LFC	LIQUID TIGHT FLEXIBLE METAL CONDUIT	P	PUMP	W/	WITH							
E.C.	ELECTRICAL CONTRACTOR	LFC	LIQUID TIGHT FLEXIBLE METALLIC CONDUIT	PH	PHASE	WP	WEATHERPROOF							
ELEC	ELECTRICAL	KVA	KILOVOLT AMPS	PNL	PANELLBOARD	YFMR	TRANSFORMER							

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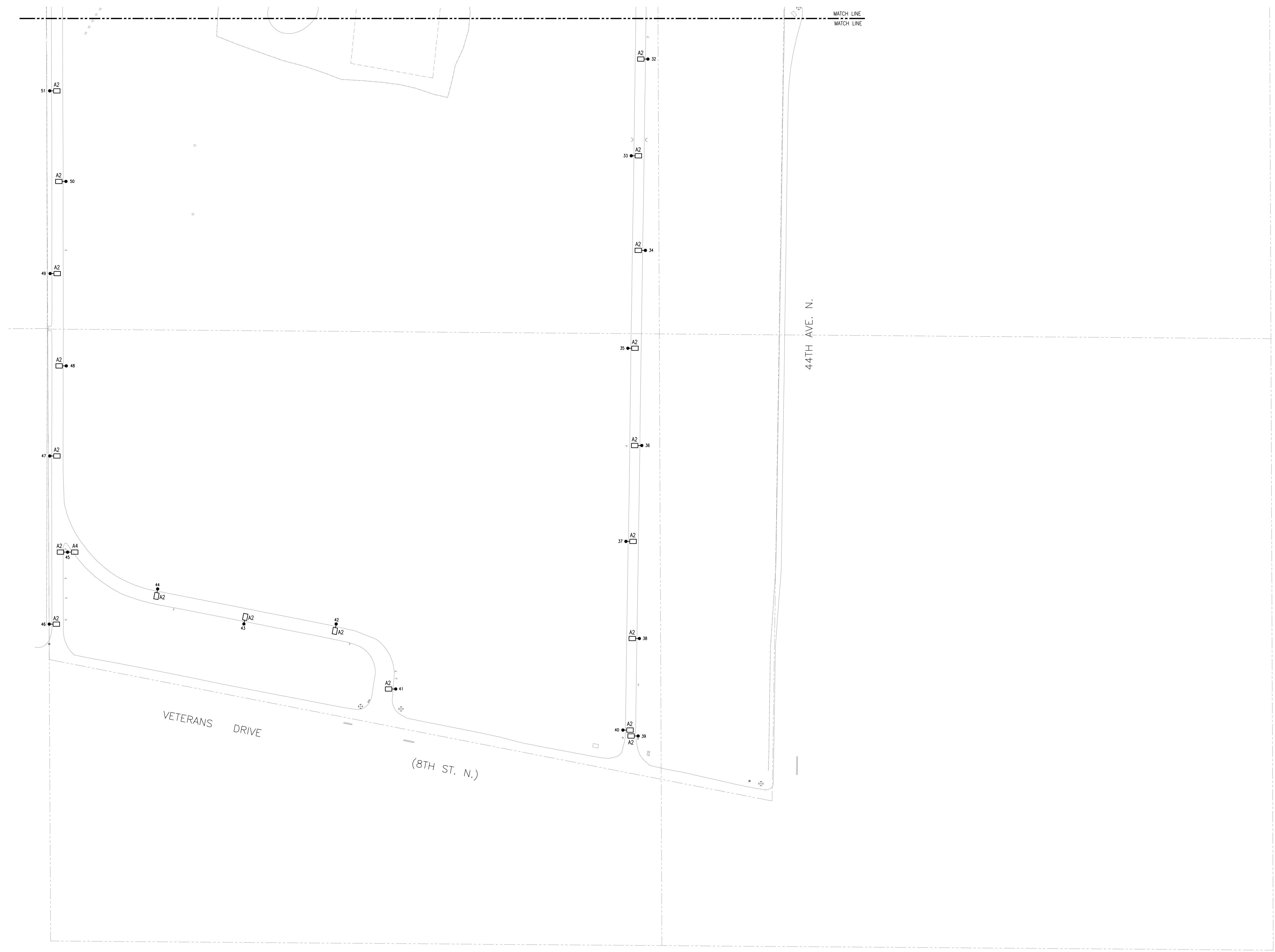
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 MN 4055
 ANTHONY NELSON, PE REG. NO.
 DATE: 02-20-2019

LOCATION	DRAWING NO.
VA MEDICAL CENTER	E2



one eighth inch = one foot
one quarter inch = one foot
one eighth inch = one foot
three eighths inch = one foot
one half inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
three inches = one foot
6"



1 SITE PLAN - LIGHTING - SOUTH
E3 50' 25' 0 50' 100'

100% CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

NO	REVISION	DATE

VA FORM 08-6231

ONE
BUILDING SYSTEMS CONSULTANTS
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STAMP/DRAW:
I HEREBY CERTIFY THAT THIS PLAN
WAS PREPARED BY ME OR UNDER MY
SUPERVISION AND THAT I AM A duly LICENSED
PROFESSIONAL ENGINEER UNDER THE LAWS
OF THE STATE OF MINNESOTA.
Anthony Nelson, PE
DATE: 02-20-2013

DRAWING TITLE
SITE PLAN - LIGHTING - SOUTH

PROJECT TITLE
UPGRADE STREET LIGHTING
BUILDING NO
CHECKED BY
DRAWN
DATE
LOCATION
V.A. MEDICAL CENTER
ST. CLOUD, MN 56309

DATE
02.20.2013
FAB SCALE
AS NOTED
PROJECT NO
656-13-237
CAB FILE
x2012253-L-E-S
DRAWING NO
E3
SHEET 4 OF 4
VAMC SAINT CLOUD MN