Supplying QUALITY Seed
With INTEGRITY Since 1945

Foothills Mix

A mixture developed for elevations of 3,000 to 8,000 feet to provide natural cover under dryland conditions. Contains both cool and warm season grasses adapted to the Western Great Plains and Southwest region. Has excellent cold and drought tolerance. Good for soil stabilization on poor soils.

Characteristics:

- Grows 36-60 inches with average rainfall
- Excellent natural cover for dryland areas

Seeding Rate:

- New Seeding:
  - Broadcast: 20-25 lbs./acre
  - Drilled: 15-20 lbs./acre
- Over seeding:
  - Broadcast: 10-15 lbs./acre
  - Drilled: 5-10 lbs./acre

Mix contains:

20% Annual Ryegrass
Cool Season bunchgrass with germination in 5-10 days
Noted for quick germination. Provides fast green up and root structure to stabilize soil.

15% Slender Wheatgrass
Cool season bunchgrass with germination in 21-28 days.
A native species to the mountain and intermountain areas of the western United States and the northern Great Plains.

12% Crested Wheatgrass
Cool season bunchgrass with germination in 14-21 days.
Drought tolerant, and winter hardy grass with deep rooted system making an excellent soil binder.

10% Mountain Brome
A cool-season bunchgrass with germination in 10-14 days.
Survives on thin, dry or coarse soils, and displays strong winter hardiness. Will produce best in moist deep fertile soils.

10% Hard Fescue
Cool season bunchgrass with germination in 7-10 days.
Well adapted to many soil types and often used for erosion control.

10% Canada Bluegrass
Cool season bunch/sod forming grass with germination in 14-21 days. Often used for soil stabilization.

6% Sideoats Grama
Warm season bunch/sod forming grass will germination in 14-21 days.
A medium-sized perennial 15 – 30" tall, it is adapted to most soil conditions.

6% Big Bluestem
Warm season sod-former with germination in 14-21 days.
It is tall grass, reaching a height of 6 to 8 feet on most sites when left un-grazed.

5% Blue Grama *(Coated)*
Warm season bunch/sod forming grass with germination in 7-10 days.
This grass demonstrates good drought, fair salinity, and moderate alkalinity tolerances.

5% Switchgrass
Warm season Sod-former with germination in 21-28 days
Very tolerant of poor soils, flooding and drought. Often used in reclamation of sand dunes and dikes.

1% Sand Dropseed
Warm Season bunchgrass with germination 14-21 days
Commonly grows on sandy soils but is adapted to medium textured soils also.

Formulations & varieties are subject to change without notice!

4300 Monaco Street
Denver, CO 80216
P. (303) 320-7500 F. (303) 320-7516
www.avseeds.com

SUBMITTAL REVIEW

☒ No exception taken ☐ Rejected
☐ Submit specified item ☐ Make correction noted
☐ Revise and resubmit

Review of this material is for general conformance with the design concept of the project and the contract documents. Any action noted by this review is subject to compliance with the plans, specification and contract requirements. Contractor is responsible for installation, coordination, dimension and quality verification.

Dig Studio, Inc.

Reviewed By Theresa Matteson Date 1/19/22

Arkansas Valley Seed
RELIABLE RABBIT EARS BRAND SERVICE
Supplying QUALITY Seed With INTEGRITY Since 1945

CERTIFICATION OF COMPLIANCE

SOLD BY: ARKANSAS VALLEY SEED
4300 MONACO STREET
DENVER, CO 80216

SOLD TO: LMI Landscapes

JOB NAME: NIST in Boulder (Foothills Mix)

STATEMENT

WE HEREBY CERTIFY THAT THE MATERIAL FURNISHED AND DESCRIBED BELOW, DO MEET OR EXCEED THE CURRENT COLORADO STATE SEED LAW SPECIFICATIONS.

MATERIAL SUPPLIED

% Or Pls#/ac	DESCRIPTION	MANUFACTURED BY
20%	Annual Ryegrass	Arkansas Valley Seed
15%	Slender Wheatgrass	Arkansas Valley Seed
12%	Crested Wheatgrass	Arkansas Valley Seed
10%	Mountain Brome	Arkansas Valley Seed
10%	Hard Fescue	Arkansas Valley Seed
10%	Canada Bluegrass	Arkansas Valley Seed
6%	Sideoats Grama	Arkansas Valley Seed
6%	Big Bluestem	Arkansas Valley Seed
5%	Blue Grama (Coated)	Arkansas Valley Seed
5%	Switchgrass	Arkansas Valley Seed
1%	Sand Dropseed	Arkansas Valley Seed

Paul F. Apodaca
SUPPLIER REPRESENTATIVE

CERTIFIED COPY OF SEED ANALYSIS

Arkansas Valley Seed — Reliable Rabbit Ears Service

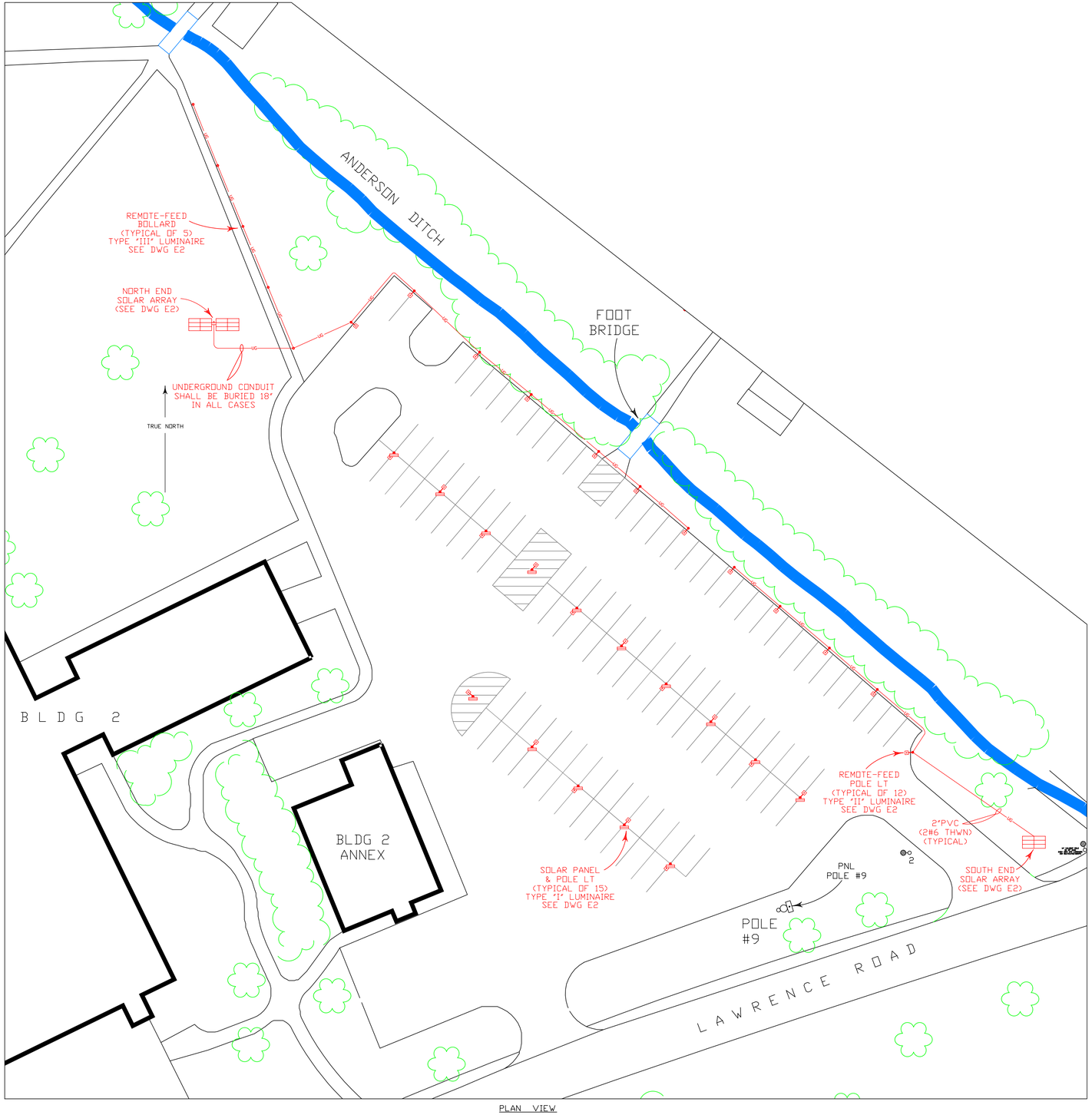
Supplying QUALITY Seed With INTEGRITY Since 1945

MIX NAME:	LOT #:
FOOTHILLS MIX	Bulk Pounds: 7.50

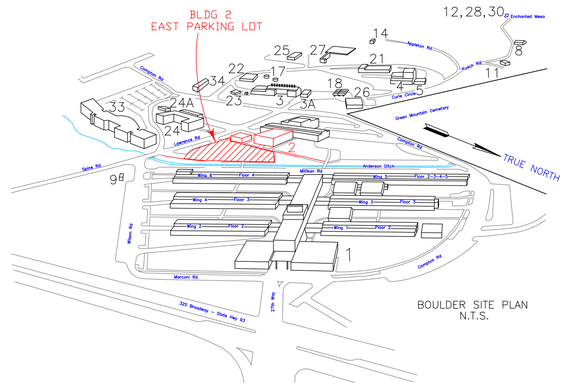
SPECIES	CROP YEAR	LOT #	BULK LBS	Cost In Mix	PURE %	CROP %	INERT %	WEED %	GERM %	HARD / DORMANT	GERM & HARD	ORIGIN	NOXIOUS WEEDS	TEST DATE	LAB	% of Mix
Annual Ryegras, Lolium multifolium	2021	L172-21-KG1	1.50		99.97%	0.00%	2.00%	0.10%	98%		98%	OR	NONE FOUND	Sep-21	AV SEED TESTING	20.00%
Slender wheatgrass, Elymus trachycaulus	2021	B-70	1.13		85.29%	74.00%	13.96%	0.01%	95%		95%	CO	NONE FOUND	Sep-21	AV SEED TESTING	15.00%
Crested Wheatgrass, Agropyron cristatum	2021	LM -21-SWB	0.90		94.28%	0.17%	5.55%	0.00%	86%		86%	WY	NONE FOUND	Nov-21	AV SEED TESTING	12.00%
Mountian Brome, Bromus carinatus	2021	BTS-1901	0.75		97.79%	0.00%	2.21%	0.00%	95%		95%	WY	NONE FOUND	Nov-21	AV SEED TESTING	10.00%
Hard Fescue, Festuca ovina	2020	U21-20-35134-2	0.75		99.35%	0.04%	0.53%	0.08%	92%		92%	OR	NONE FOUND	Feb-21	AV SEED TESTING	10.00%
Canada bluegrass, Poa compressa	2020	O-W1121-44	0.75		99.45%	0.00%	0.55%	0.00%	94%		94%	WA	NONE FOUND	Jan-21	AV SEED TESTING	10.00%
Sideoats Grama, Bouteloua curtipendula	2020	GSS-4026	0.45		97.36%	0.01%	2.63%	0.00%	75%		75%	TX	NONE FOUND	May-21	AV SEED TESTING	6.00%
Big Bluestem, Andropogon gerardii	2020	50271	0.45		37.86%	0.00%	62.14%	0.00%	36%		36%	KS	NONE FOUND	Aug-21	AV SEED TESTING	6.00%
Blue Grama, coated Bouteloua gracilis	2020	1276	0.38		61.14%	1.23%	37.39%	0.24%	98%		98%	KS	NONE FOUND	Apr-21	AV SEED TESTING	5.00%
Switchgras, Panicum virgatum	2020	H8604	0.38		99.90%	0.05%	0.05%	0.00%	91%		91%	SD	NONE FOUND	Nov-21	AV SEED TESTING	5.00%
Sand Dropseed, Sporobolus cryptandrus	2020	V-87163	0.08		96.48%	0.00%	3.52%	0.00%	92%		92%	KS	NONE FOUND	May-21	AV SEED TESTING	1.00%
													NONE FOUND		AV SEED TESTING	
		TOTALS	7.50	$0.00												100.00%
			7.5													

ARKANSAS VALLEY SEEDS CERTIFIES THAT THE ABOVE LISTED GRASS SEEDS WERE SOLD TO : LMI LANDSCAPES

SUBMITTED BY: DAVID WEIGAND



PLAN VIEW
1/300 SCALE (1" = 25'-0")



BOULDER SITE PLAN
N.T.S.

SCOPE OF WORK:
FURNISH AND INSTALL SOLAR LIGHTING ARRAY AT N.I.S.T. BOULDER SITE IN COMPLIANCE WITH N.I.S.T. DWG 2E-SOLAR LTS P AND SPECIFICATIONS.

SYSTEM INSTALLATION AND PERFORMANCE CRITERIA

1) LIGHTS ARE TO OPERATE FROM DAWN TO DUSK, PROVIDING PARKING LOT WITH AVERAGE ILLUMINATION OF 1 FT/CANDLE IN ACCORDANCE WITH STANDARDS ESTABLISHED BY THE ILLUMINATION ENGINEERING SOCIETY.

2) ENERGY STORAGE SHALL HAVE THE CAPACITY TO SUSTAIN A 9-DAY BLACKOUT PERIOD AT NORMAL SEASONAL AMBIENT TEMPERATURES. IN THE EVENT OF A MAJOR WINTER STORM WITH BELOW NORMAL TEMPERATURES AND HEAVY SNOW, THE SYSTEM SHALL BE CAPABLE OF MAINTAINING A 5-DAY BLACKOUT CHARGE.

3) SYSTEM BATTERIES SHALL BE GEL-TYPE NO MAINTENANCE UNITS.

4) ALL EQUIPMENT SHALL BE DESIGNED FOR 90mph SUSTAINED WIND VELOCITY WITH A GUST FACTOR OF 1.3.

5) ALL LUMINAIRE METAL COMPONENTS SHALL BE POWDER COATED.

6) ALL EQUIPMENT SHALL BE NEW AND UNUSED, LISTED FOR THE PURPOSE OF INSTALLATION BY A RECOGNIZED TESTING LABORATORY, AND INSTALLED IN COMPLIANCE WITH THE 2002 EDITION OF THE NATIONAL ELECTRICAL CODE. THE CONTRACTOR SHALL BE REQUIRED TO THOROUGHLY FAMILIARIZE HIM/HERSELF WITH ARTICLE 690 OF THE NATIONAL ELECTRICAL CODE WHICH WILL BE RIGIDLY ENFORCED IN THE INSPECTION/ACCEPTANCE OF THE PROJECT.

7) MINIMUM WARRANTY REQUIREMENTS:
SOLAR PANELS: 20 YEARS
CONTROLLERS: 5 YEARS
BATTERIES: 5 YEARS
COMPLETE SYSTEM, WORKMANSHIP & MAT'LS: 2 YEARS

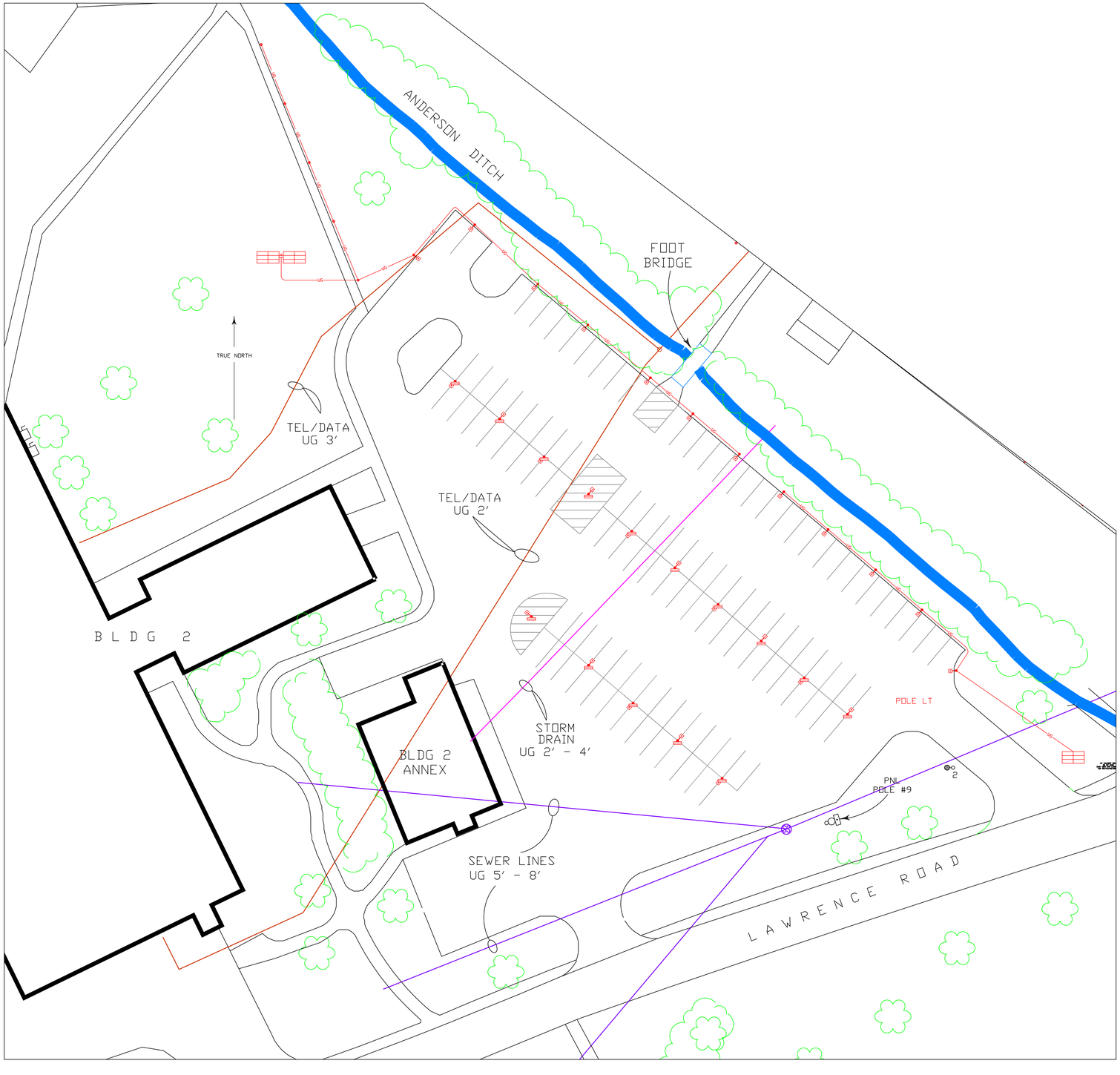
GENERAL NOTES

1. ALL WORK SHALL BE IN COMPLIANCE WITH THE 2002 NATIONAL ELECTRICAL CODE.
2. ALL MATERIALS SHALL BE NEW AND UNUSED, AND SHALL BE LISTED BY A RECOGNIZED TESTING LAB FOR THE PURPOSE OF THEIR INSTALLATION.
3. ELECTRICAL WIRING SHALL BE STRANDED COPPER TYPE THHN/THWN AND SHALL NOT BE SMALLER THAN #12 AWG UNLESS SPECIFICALLY NOTED.
4. MANUFACTURERS CATALOG NUMBERS ARE FOR SPECIFICATION PURPOSES ONLY. NIST ACCEPTED SUBSTITUTES SHALL BE ALLOWED. SUPPLY NIST ENGINEERING WITH MANUFACTURER'S CUT SHEETS FOR APPROVAL PRIOR TO PURCHASE OF SUBSTITUTE EQUIPMENT.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
BOULDER, COLORADO

BLDG 2 EAST PARKING LOT
SOLAR LIGHTING
ELECTRICAL SYSTEM

DRAFTSMAN JB	CLIENT EMSS	APPROVED BY S.SALBER CHIEF EMSS.	
DESIGN ENGINEER E.SIMS	ENGINEER TECHNICIAN JB	SUBMITTED BY T.CLEMANN SUPERVISOR ENGRG SECTION	
NIST SAFETY S.RINGEN	MASC SAFETY		
OPERATIONS B.FAKTOR	CHECKER		
DATE MAY 27, 2003	WORK ORDER NUMBER 8509	COST CENTER NUMBER	FILE NUMBER
COMPUTER FILE NO. X:PROJECT/B2/FY03EA089/ELECT/2E SOLAR LTS P			SHEET NUMBER E1 of 3



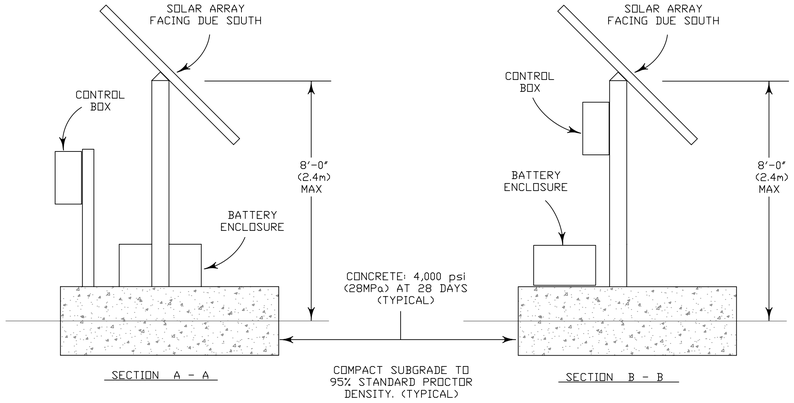
PLAN VIEW
1/300 SCALE (1" = 25'-0")

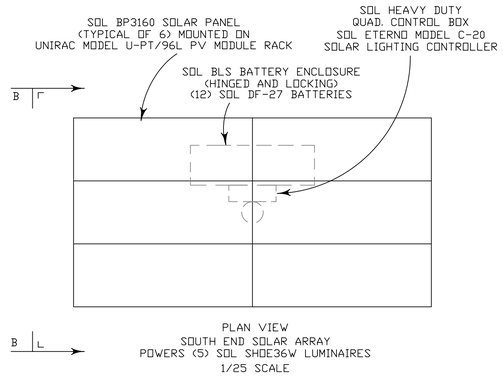
LOCATIONS AND BURIAL DEPTHS OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. VERIFY EXACT LOCATIONS PRIOR TO EXCAVATION.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
BOULDER, COLORADO

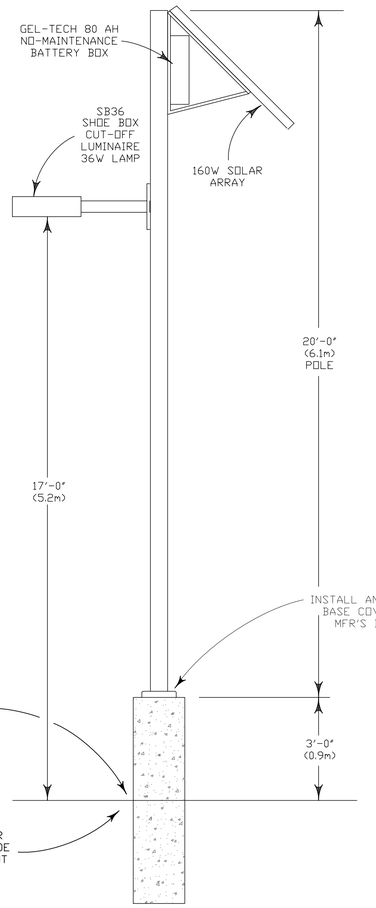
BLDG 2 EAST PARKING LOT
APPROXIMATE LOCATION OF
UNDERGROUND UTILITIES

DRAFTSMAN	CLIENT: EMSS	APPROVED BY: S.SALBER, CHIEF E.M.S.S.
DESIGN ENGINEER: E.SIMS	ENGINEER TECHNICIAN	SUBMITTED BY: T.CLEMANN, SUPERVISOR ENGRG SECTION
NIST SAFETY: S.RINGEN	MASC SAFETY	
OPERATIONS: B.FAKTOR	CHECKER	
DATE: MAY 27, 2003	WORK ORDER NUMBER: 8509	COST CENTER NUMBER / FILE NUMBER / SHEET NUMBER: E3 of 3
COMPUTER FILE NO.: X:PROJECT/B2/FY03EA089/ELECT/2E SOLAR LTS P		

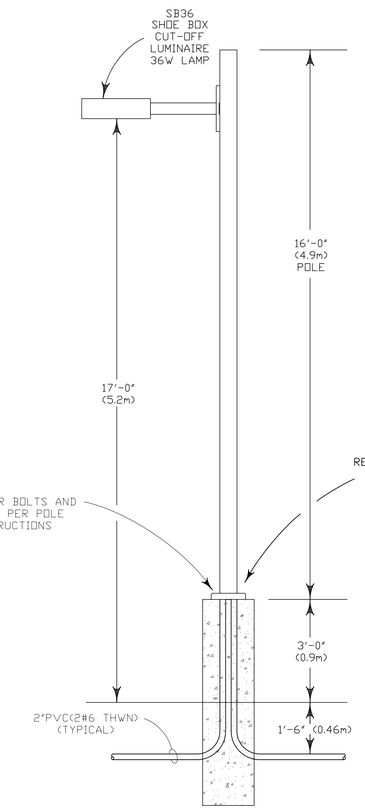




PLAN VIEW
SOUTH END SOLAR ARRAY
POWERS (5) SDL SHOE36W LUMINAIRES
1/25 SCALE

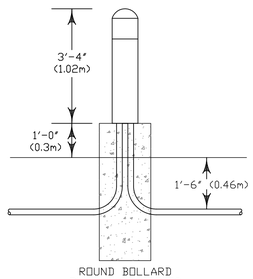


SDL MODEL PM-160-3B-SHOE36W
STAND ALONE SOLAR LIGHT
20 FT (6.1m) NEWMARK FIBERGLASS POLE
MA20-340-(S6)-D-PC-BC4-ABG
TYPE 'I' LUMINAIRE AS SHOWN DWG E1
(TYPICAL OF 15)

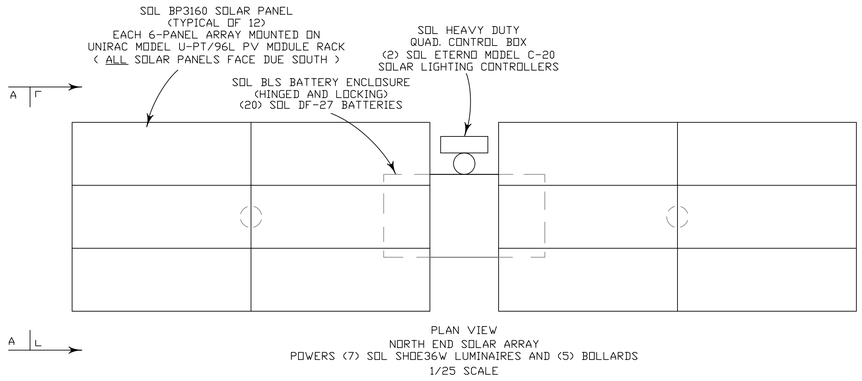


SDL MODEL SHOE36W
SHOE BOX LUMINAIRE
16 FT (4.9m) NEWMARK FIBERGLASS POLE
SA16-C-50-D-PC-BC2-ABG
TYPE 'II' LUMINAIRE AS SHOWN DWG E1
(TYPICAL OF 12)

1/25 SCALE



ROUND BOLLARD
RUUD #HCD SERIES
SDL 13W PL LIGHT KIT
SDL IOTA ELECTRONIC BALLAST
SDL MAX-LITE REFLECTOR
TYPE 'III' LUMINAIRE AS SHOWN DWG E1
(TYPICAL OF 5)

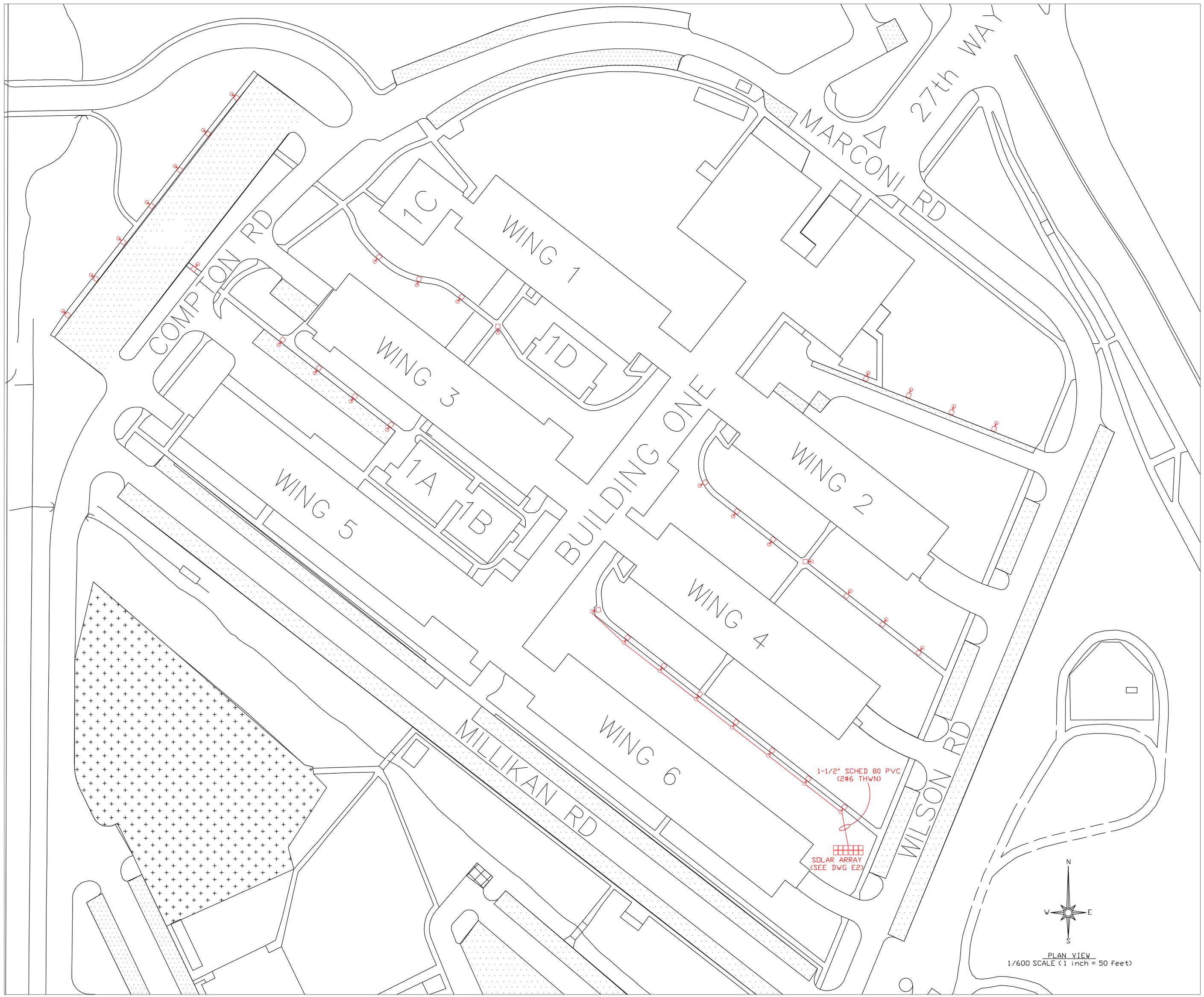


PLAN VIEW
NORTH END SOLAR ARRAY
POWERS (7) SDL SHOE36W LUMINAIRES AND (5) BOLLARDS
1/25 SCALE

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
BOULDER, COLORADO

BLDG 2 EAST PARKING LOT
SOLAR LIGHTING
ELECTRICAL SYSTEM

DRAFTSMAN JB	CLIENT EMSS	APPROVED BY	
DESIGN ENGINEER E.SIMS	ENGINEER TECHNICIAN JB	S.SALBER CHIEF E.M.S.S.	
NIST SAFETY S.RINGEN	MASC SAFETY	SUBMITTED BY T.CLEMANN SUPERVISOR ENGRG SECTION	
OPERATIONS B.FAKTOR	CHECKER		
DATE MAY 27, 2003	WORK ORDER NUMBER 8509	COST CENTER NUMBER	FILE NUMBER
COMPUTER FILE NO. X:PROJECT/B2/FY03EA089/ELECT/2E SOLAR LTS P			SHEET NUMBER E2 of 3



PLAN VIEW
1/600 SCALE (1 inch = 50 feet)

SCOPE OF WORK

INSTALL SOLAR POWERED LUMINAIRES IN ACCORDANCE WITH NIST DWG: X:\PROJECT\SITE\SITE SOLAR LIGHTING\ELECT DWGS\BLDG1 SOLAR LTS.dwg SHEETS E1 AND E2.

LEGEND

POLE MOUNTED SOLAR POWERED LUMINAIRE WITH SOLAR ARRAY, BATTERIES, CONTROLS AND 42W COLD CATHODE FLUORESCENT LUMINAIRE MOUNTED AS AN INDEPENDENT UNIT ON A 25 FT FIBERGLASS POLE.
SEE DWG E2 FOR SPECS AND DETAILS.

42W COLD CATHODE FLUORESCENT LUMINAIRE MOUNTED ON AN 18 FT POLE WITH SOLAR POWER SUPPLIED FROM A REMOTE SOLAR ARRAY BY MEANS OF UNDERGROUND CONDUIT AND CONDUCTORS.
SEE DWG E2 FOR SPECS AND DETAILS.

GENERAL NOTES

1. ALL WORK SHALL BE IN COMPLIANCE WITH THE 2005 NATIONAL ELECTRICAL CODE.
2. ALL MATERIALS SHALL BE NEW AND UNUSED, AND SHALL BE LISTED BY A RECOGNIZED TESTING LAB FOR THE PURPOSE OF THEIR INSTALLATION.

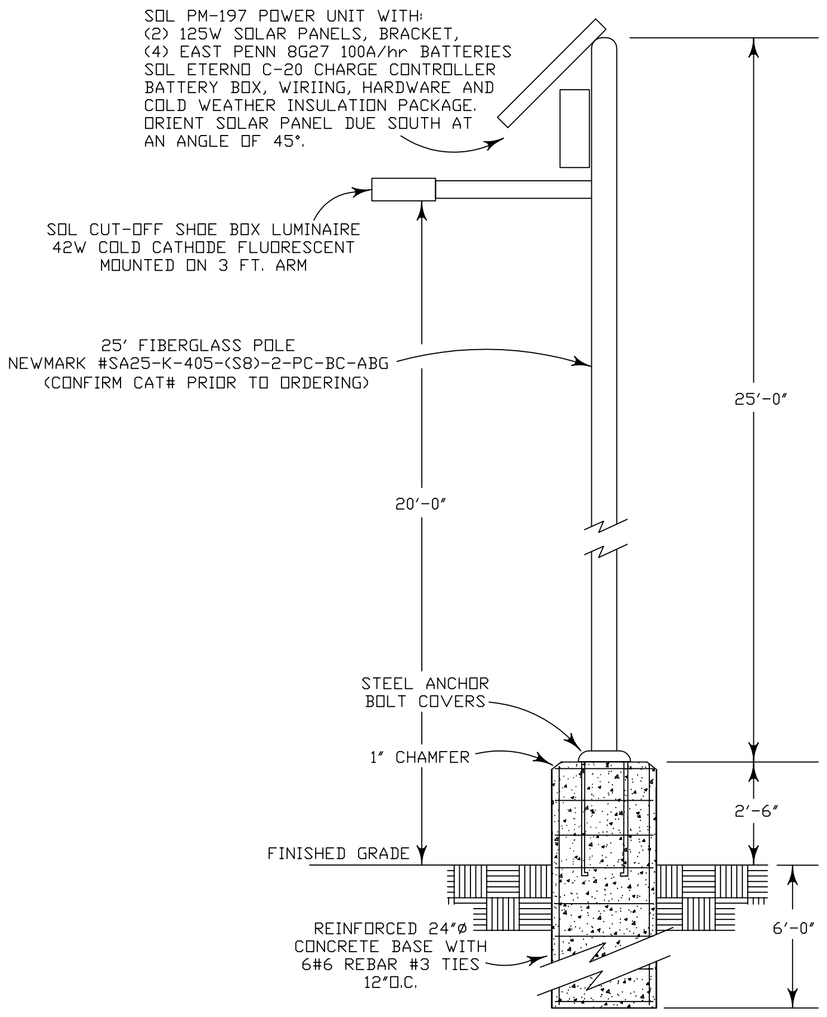
GENERAL SAFETY NOTES

CONTRACTOR IS TO PROVIDE A WRITTEN JOB SPECIFIC SAFETY PLAN AND JOB HAZARD ANALYSIS TO THE COTR PRIOR TO SITE MOBILIZATION AND PRE-JOB CONFERENCE.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
BOULDER, COLORADO

BLDG 1
SOLAR LIGHTING
ELECTRICAL SYSTEM

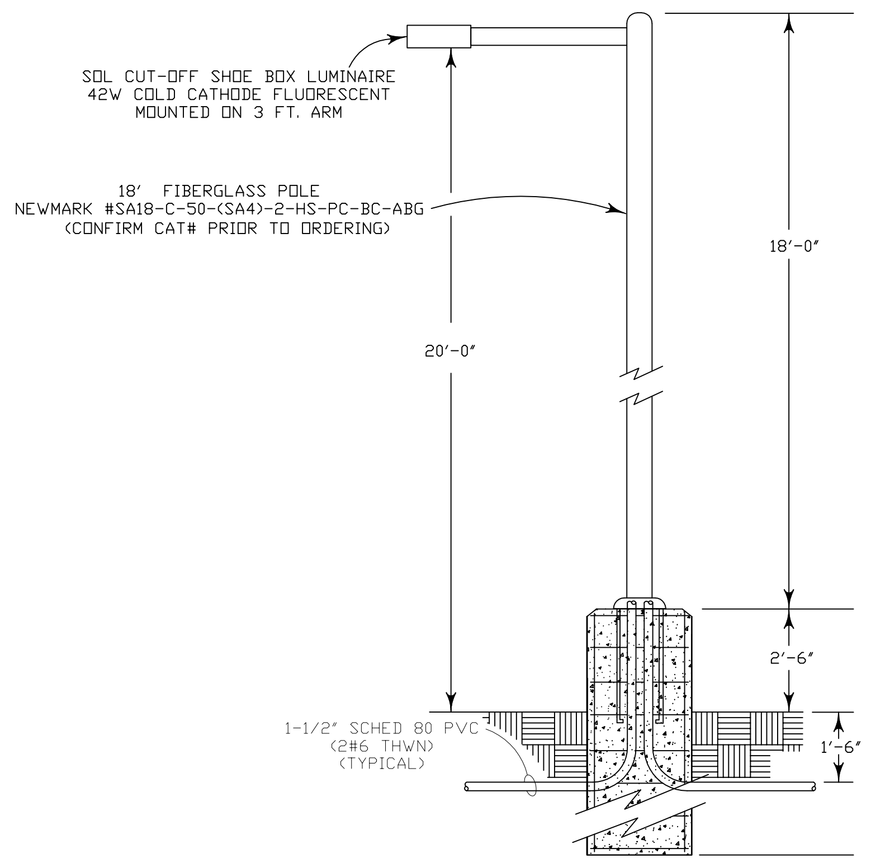
DRAFTSMAN B	CLIENT SIGNATURE ON FILE	APPROVED BY SIGNATURE ON FILE CHIEF E. M. S. S.	
DESIGN ENGINEER	ENGINEER TECHNICIAN B	SUBMITTED BY SIGNATURE ON FILE SUPERVISOR ENGRG SECTION	
NIST SAFETY SIGNATURE ON FILE	MASC SAFETY SIGNATURE ON FILE		
OPERATIONS SIGNATURE ON FILE	CHECKER SIGNATURE ON FILE		
DATE	WORK ORDER NUMBER	COST CENTER NUMBER	FILE NUMBER / SHEET NUMBER E1 of 2
COMPUTER FILE NO. X:\PROJECT\Site\Site SOLAR Lighting\Elect Dwgs\Bldg 1 SOLAR Lts.dwg TAB: B1 SOLAR LTS			



SOLAR LIGHT W/POLE-MOUNTED ARRAY

N.T.S.

MANUFACTURER: SOLAR OUTDOOR LIGHTING INC.
3210 SW 42nd Ave. PALM CITY, FL 34990
772-286-9461 FAX: 772-286-9616
www.solarlighting.com
DO NOT SUBSTITUTE

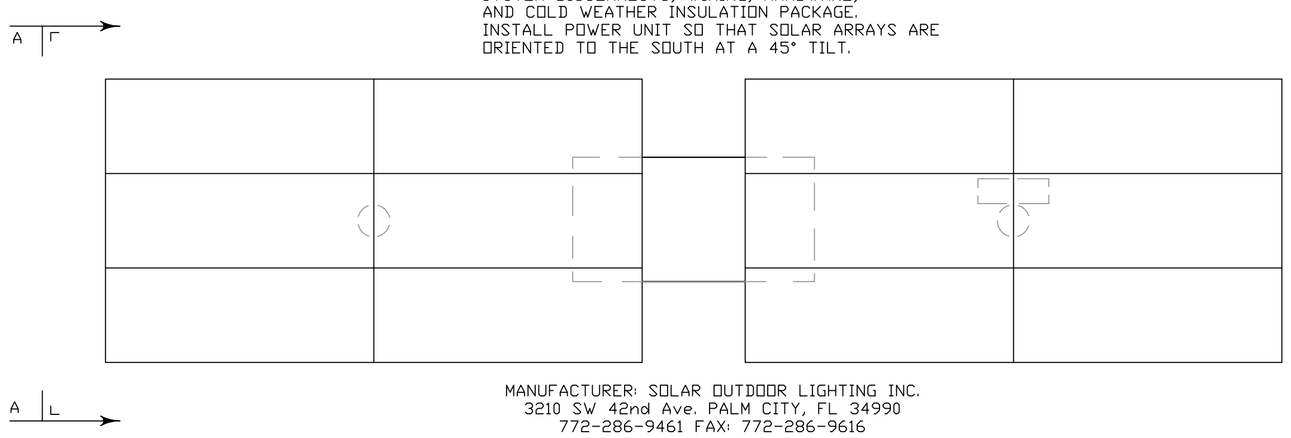


SOLAR LIGHT POWERED FROM SEPARATE ARRAY

N.T.S.

MANUFACTURER: SOLAR OUTDOOR LIGHTING INC.
3210 SW 42nd Ave. PALM CITY, FL 34990
772-286-9461 FAX: 772-286-9616
www.solarlighting.com
DO NOT SUBSTITUTE

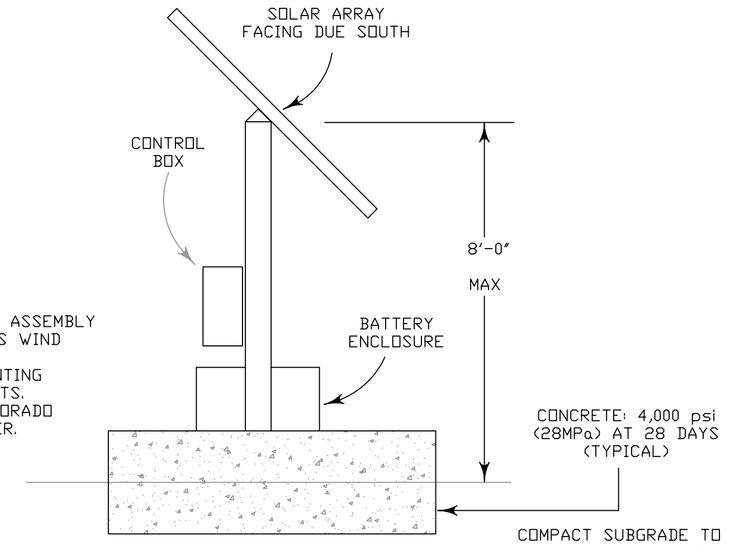
POWER UNIT WITH (2) SOLAR ARRAYS EACH CONTAINING:
(6) SHARP NE170U1 170W SOLAR PANELS
(2) UNIRAC 500436 SOLAR MODULE MOUNTING RACKS
(24) EAST PENN 8G27 100A/hr BATTERIES
MORNINGSTAR TRISTAR 60 CHARGE CONTROLLER
MORNINGSTAR SUNLIGHT 20 LIGHT CONTROLLER
BATTERY ENCLOSURE, CONTROLLER ENCLOSURE,
SYSTEM DISCONNECTS, WIRING, HARDWARE,
AND COLD WEATHER INSULATION PACKAGE.
INSTALL POWER UNIT SO THAT SOLAR ARRAYS ARE
ORIENTED TO THE SOUTH AT A 45° TILT.



MANUFACTURER: SOLAR OUTDOOR LIGHTING INC.
3210 SW 42nd Ave. PALM CITY, FL 34990
772-286-9461 FAX: 772-286-9616
www.solarlighting.com
DO NOT SUBSTITUTE

NOTE

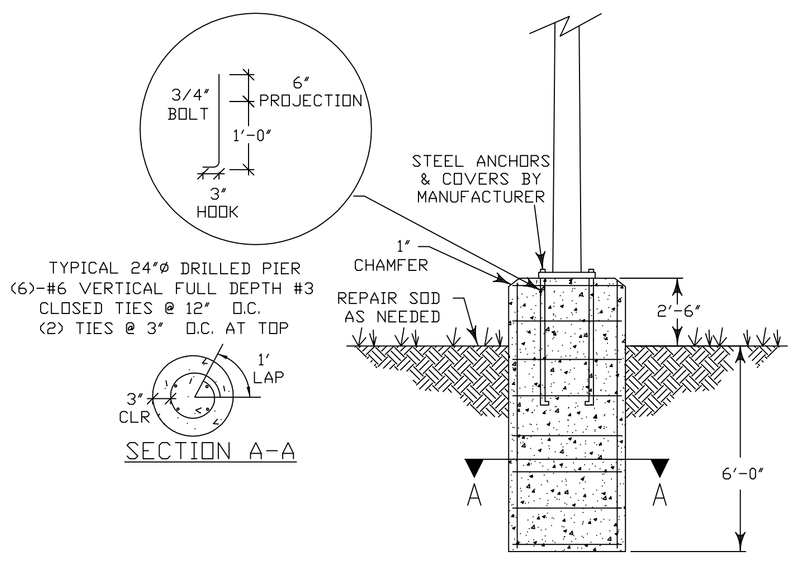
BATTERY/CONTROL ENCLOSURE/SOLAR PANEL ASSEMBLY SHALL BE RATED FOR 90mph CONTINUOUS WIND WITH 0.3 GUST FACTOR.
SUBMIT DESIGN OF SOLAR ARRAY MOUNTING TO MEET WIND LOADING REQUIREMENTS.
DESIGN SHALL BE APPROVED BY A COLORADO REGISTERED PROFESSIONAL ENGINEER.



SECTION A - A

SEPARATE SOLAR ARRAY

N.T.S.



SECTION A-A

SOLAR LIGHT POLE BASE DETAIL

N.T.S.

NOTE

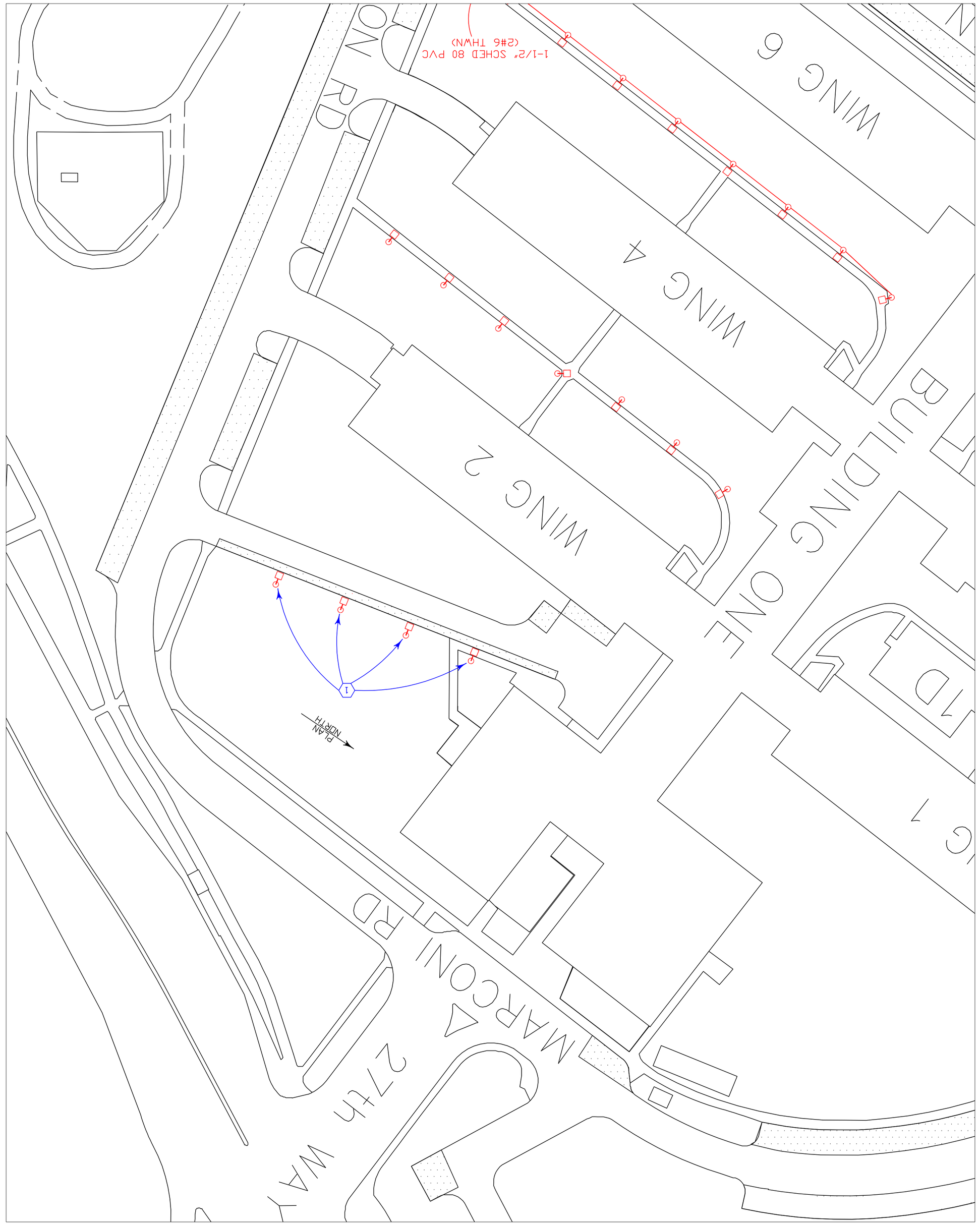
POLE/LUMINAIRE/BATTERY/SOLAR PANEL ASSEMBLY SHALL BE RATED FOR 90mph CONTINUOUS WIND WITH 0.3 GUST FACTOR.
SUBMIT DESIGN OF ANCHOR BOLTS AND REINFORCED POLE BASES TO MEET WIND LOADING REQUIREMENTS.
DESIGN SHALL BE APPROVED BY A COLORADO REGISTERED PROFESSIONAL ENGINEER.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
BOULDER, COLORADO

BLDG 1
SOLAR LIGHTING
ELECTRICAL SYSTEM

DRAFTSMAN JB	CLIENT SIGNATURE ON FILE	APPROVED BY SIGNATURE ON FILE CHIEF E. M. S. S.	
DESIGN ENGINEER	ENGINEER TECHNICIAN JB	SUBMITTED BY SIGNATURE ON FILE SUPERVISOR ENGRG SECTION	
NIST SAFETY SIGNATURE ON FILE	MASC SAFETY SIGNATURE ON FILE		
OPERATIONS SIGNATURE ON FILE	CHECKER SIGNATURE ON FILE		
DATE	WORK ORDER NUMBER	COST CENTER NUMBER	FILE NUMBER / SHEET NUMBER E2 of 2
COMPUTER FILE NO. X:\PROJECT\Site\Site SOLAR Lighting\Elect Dwgs\Bldg 1 SOLAR Lts.dwg TAB: Solar Lt Details			

PLAN VIEW
1/500 SCALE



NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
BOULDER, COLORADO

BLDG 1
SOLAR LIGHTING
ELECTRICAL SYSTEM

DRAFTSMAN JB	CLIENT SIGNATURE ON FILE	APPROVED BY SIGNATURE ON FILE	
DESIGN ENGINEER	ENGINEER TECHNICIAN JB	CHIEF E. M. S. S. SUBMITTED BY	
NIST SAFETY SIGNATURE ON FILE	MASS SAFETY SIGNATURE ON FILE	SIGNATURE ON FILE SUPERVISOR ENGRG SECTION	
OPERATIONS SIGNATURE ON FILE	CHECKER SIGNATURE ON FILE		

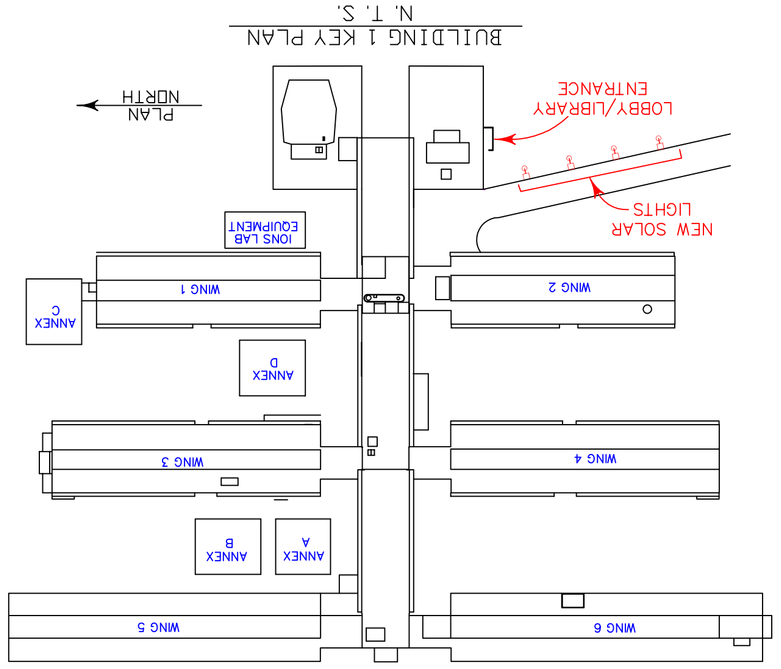
DATE	WORK ORDER NUMBER	COST CENTER NUMBER	FILE NUMBER	SHEET NUMBER
NOV. 10, 2005				E1

COMPUTER FILE NO.
X:\PROJECT\Site\Site SOLAR Lighting\Elect Dwgs\Bldg 1 SOLAR Lts.dwg
TAB: Library Entrance Solar Lts

Of 1

SOLAR LIGHT POLE BASE DETAIL
N.T.S.

BUILDING 1 KEY PLAN
N. T. S.



www.solarlighting.com
DO NOT SUBSTITUTE

NOTE

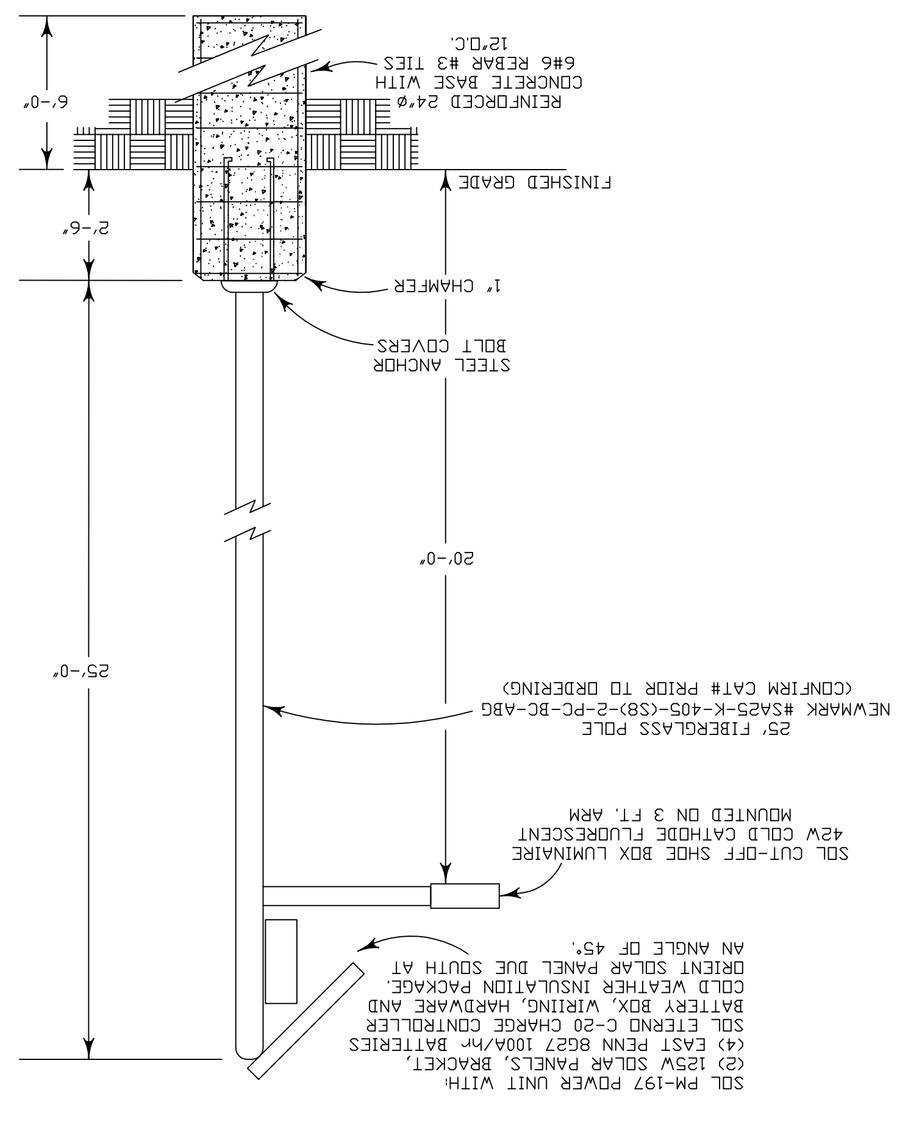
POLE/LUMINAIRE/BATTERY/SOLAR PANEL ASSEMBLY SHALL BE RATED FOR 90mph CONTINUOUS WIND WITH 0.3 GUST FACTOR.
SUBMIT DESIGN OF ANCHOR BOLTS AND REINFORCED POLE BASES TO MEET WIND LOADING REQUIREMENTS. DESIGN SHALL BE APPROVED BY A COLORADO REGISTERED PROFESSIONAL ENGINEER.

FLAG NOTES

1 INSTALL SOLAR POWERED LIGHTS 50 FT APART AS SHOWN. SEE DETAILS THIS DWG FOR SPECS.

SOLAR LIGHT W/POLE-MOUNTED ARRAY
N.T.S.

MANUFACTURER: SOLAR OUTDOOR LIGHTING INC.
3210 SW 42nd Ave. PALM CITY, FL 34990
772-286-9461 FAX: 772-286-9616



GENERAL NOTES

1. ALL WORK SHALL BE IN COMPLIANCE WITH THE 2005 NATIONAL ELECTRICAL CODE.
2. ALL MATERIALS SHALL BE NEW AND UNUSED, AND SHALL BE LISTED BY A RECOGNIZED TESTING LAB FOR THE PURPOSE OF THEIR INSTALLATION.
3. ELECTRICAL WIRING SHALL BE STRANDED COPPER TYPE THHN/THWN AND SHALL NOT BE SMALLER THAN #12 AWG UNLESS SPECIFICALLY NOTED.
4. DISCONNECTS, SWITCHES & RECEPTACLES SHALL BE CLEARLY & DURABLY MARKED SHOWING PANEL AND CKT OF ORIGIN.
5. MANUFACTURER'S CATALOG NUMBERS ARE FOR SPECIFICATION PURPOSES. NIST ACCEPTED EQUIVALENTS SHALL BE ACCEPTED EXCEPT WHERE OTHERWISE INDICATED. SUPPLY NIST ENGINEERING WITH MFR'S CUT-SHEETS FOR APPROVAL PRIOR TO PURCHASE OF SUBSTITUTE EQUIPMENT.
6. MULTI-WIRE BRANCH CKTS SHALL NOT BE INSTALLED.
7. TELECOMMUNICATIONS CABLES AND ASSOCIATED EQUIPMENT SHALL BE SALVAGED WHEREVER POSSIBLE FOR REINSTALLATION BY NIST TECHNICIANS.

GENERAL SAFETY NOTES

CONTRACTOR IS TO PROVIDE A WRITTEN JOB SPECIFIC SAFETY PLAN AND JOB HAZARD ANALYSIS TO THE COTR PRIOR TO SITE MOBILIZATION AND PRE-JOB CONFERENCE.