



VETERANS SERENITY GARDEN

Department of Veterans Affairs Medical Center

3200 VINE STREET

CINCINNATI, OHIO

LEVIN PORTER ASSOCIATES

ARCHITECTURE PLANNING INTERIOR DESIGN

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MIAMISBURG, OH 45342

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MECHANICAL ELECTRICAL COMMISSIONING TECHNOLOGY

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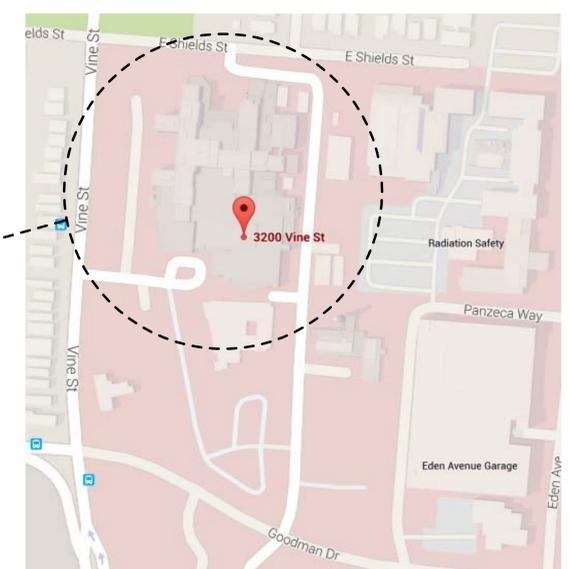
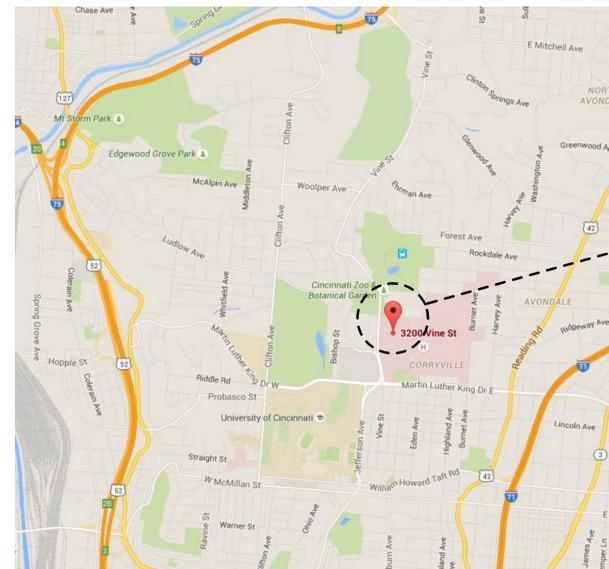
GENERAL PROJECT NOTES

- A. COORDINATE FINAL PLACEMENT OF ALL WALL MOUNTED EQUIPMENT WITH SIGNAGE.
- B. ALL WORK WILL COMPLY WITH ALL APPLICABLE NATIONAL, STATE OR LOCAL CODES, ORDINANCES AND REGULATIONS INCLUDING THE AMERICAN DISABILITIES ACT (ADA) AND THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) GUIDELINES.
- C. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE COR OF ANY WORK THAT MIGHT REQUIRE INTERRUPTION OF UTILITY SERVICES, CAUSE NOISE, OR CREATE VIBRATION PRIOR TO COMMENCEMENT OF THIS WORK.
- D. THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THE SPECIFICATIONS INCLUDING ALL GENERAL CONDITIONS, SUPPLEMENTARY GENERAL CONDITIONS, MATERIAL AND CONSTRUCTION PROVISIONS WHICH APPLY TO MATERIALS OR CONSTRUCTION METHODS REQUIRED.
- E. DO NOT PAINT ANY SEALANTS OR CAULKING WHICH ARE SUBJECT TO MOVEMENT. CONTROL JOINTS SHALL BE CAULKED AFTER PAINTING AND SPECIAL COATING APPLICATIONS. PROVIDE CAULKING OR SEALANTS WHICH MATCH ADJACENT FINISHED COLORS UNLESS NOTED OTHERWISE.
- F. ALL EXISTING CONSTRUCTION TO REMAIN THAT ARE DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE PATCHED OR REPAIRED TO MATCH EXISTING ADJACENT CONSTRUCTION.
- G. ALL INTERIOR WOOD BLOCKING, MISC. FRAMING, PANELS, ETC. THAT ARE TO BE USED SHALL BE FIRE-RETARDANT TREATED. ALL EXTERIOR WOOD BLOCKING SHALL BE PRESSURE TREATED.
- H. ALL SUSPENDED ITEMS SHALL BE ATTACHED DIRECTLY TO STRUCTURE AND NOT ANCHORED TO ANY NON-STRUCTURAL ITEM, COMPONENT OR SYSTEM.
- I. ALL NEW PENETRATIONS IN ALL EXISTING, MODIFIED OR NEW CORRIDOR WALLS, SMOKE AND FIRE PARTITIONS, AND FLOOR SLABS SHALL BE SEALED WITH FIRE RESISTANT CAULKING OR SEALANT THAT PREVENTS THE PASSAGE OF SMOKE AND/OR FIRE ALL COMPLYING TO THE LIFE SAFETY AND FIRE CODE AND MEETING EXISTING CONDITIONS.
- J. NEW CORE DRILLING THROUGH EXISTING STRUCTURAL ELEMENTS REQUIRED BY CONSTRUCTION SHALL BE COORDINATED BY THE CONTRACTOR TO AVOID DRILLING THROUGH OR INTO ANY STRUCTURAL ELEMENTS.
- K. NEW CONSTRUCTION INSTALLED SHALL BE COORDINATED BY THE CONTRACTOR FOR PROPER FIT, DIMENSIONS AND ACCESS TO THE BUILDING PRIOR TO BEGINNING CONSTRUCTION AND DELIVERY OF COMPONENTS TO THE SITE.
- L. INTERIOR DIMENSIONS ARE TO FINISH FACE UNLESS NOTED OTHERWISE.
- M. INTERIOR CONCRETE SLABS AND PATCHES, USE MIN. 10 MIL REINFORCED POLYETHYLENE VAPOR BARRIER UNDER CONCRETE SLAB. TROWEL SURFACE SMOOTH AND FINISH FLUSH WITH EXISTING SLAB ELEVATION. SEAL VAPOR BARRIER WATERTIGHT.
- N. CONTRACTOR'S BID SHALL INCLUDE THE GREATEST QUANTITY AND QUALITY OF ALL ITEMS AND ASSEMBLIES FOR A COMPLETE AND FULLY OPERATIONAL PROJECT IN ACCORDANCE WITH THE VETERAN ADMINISTRATION'S REQUIREMENTS.
- O. UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS, CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION, REMOVAL AND REPLACEMENT WORK SPECIFIED AND REQUIRED TO ACCOMMODATE THE REQUIRED IMPROVEMENTS, AND SHALL ALSO BE RESPONSIBLE FOR ANY AND ALL NECESSARY REPLACEMENT, REPAIRING, AND PATCHING. WORK TO BE DONE BY WORKMAN SKILLED AND REGULARLY EMPLOYED IN THE TRADES INVOLVED.
- P. CONTRACTOR SHALL PROPERLY PLAN AND EXECUTE ALL WORK. NO EXTRA COSTS FOR LACK OF PROPER PLANNING AND EXECUTION SHALL BE CONSIDERED.
- Q. CONTRACTOR SHALL VERIFY AS-BUILT CONDITIONS FOR MATERIAL DIFFERENCES PRIOR TO PERFORMING ANY WORK AND SHALL NOTIFY THE COR OF ANY DISCREPANCIES.

SHEET INDEX

	SHEET NAME
ARCHITECTURAL	
G-001	COVER SHEET
AS-101	SERENITY GARDEN SCULPTURE PLAN, ELEVATION AND DETAILS
LANDSCAPING	
L-100	GRADING PLAN
L-200	LAYOUT AND MATERIALS PLAN
L-300	DETAILS
L-400	IRRIGATION PLAN
L-500	PLANTING PLAN
L-501	PLANTING DETAILS
PLUMBING	
PE-001	LEGENDS SYMBOLS AND INDEX OF DRAWINGS
PE-100	BASEMENT - PLAN
PE-101	SITE ELECTRICAL PLAN

vicinity map



Revisions	Date
001	9/30/2016
002	11/11/2016
BID DOCS	2/27/2017

CONSULTANTS:

Heapy Engineering LLC
Mechanical Electrical Commissioning Technology

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CIVIL ENGINEERING • URBAN DESIGN

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Drawing Title
COVER SHEET

Approved: Project Director

Project Title
VETERANS SERENITY GARDEN

Location
Cincinnati, Ohio

Date
2/27/2017

Checked
SS

Drawn
Author

Project No. 62126.00
VA Project No. 539-16-209

Building Number
1

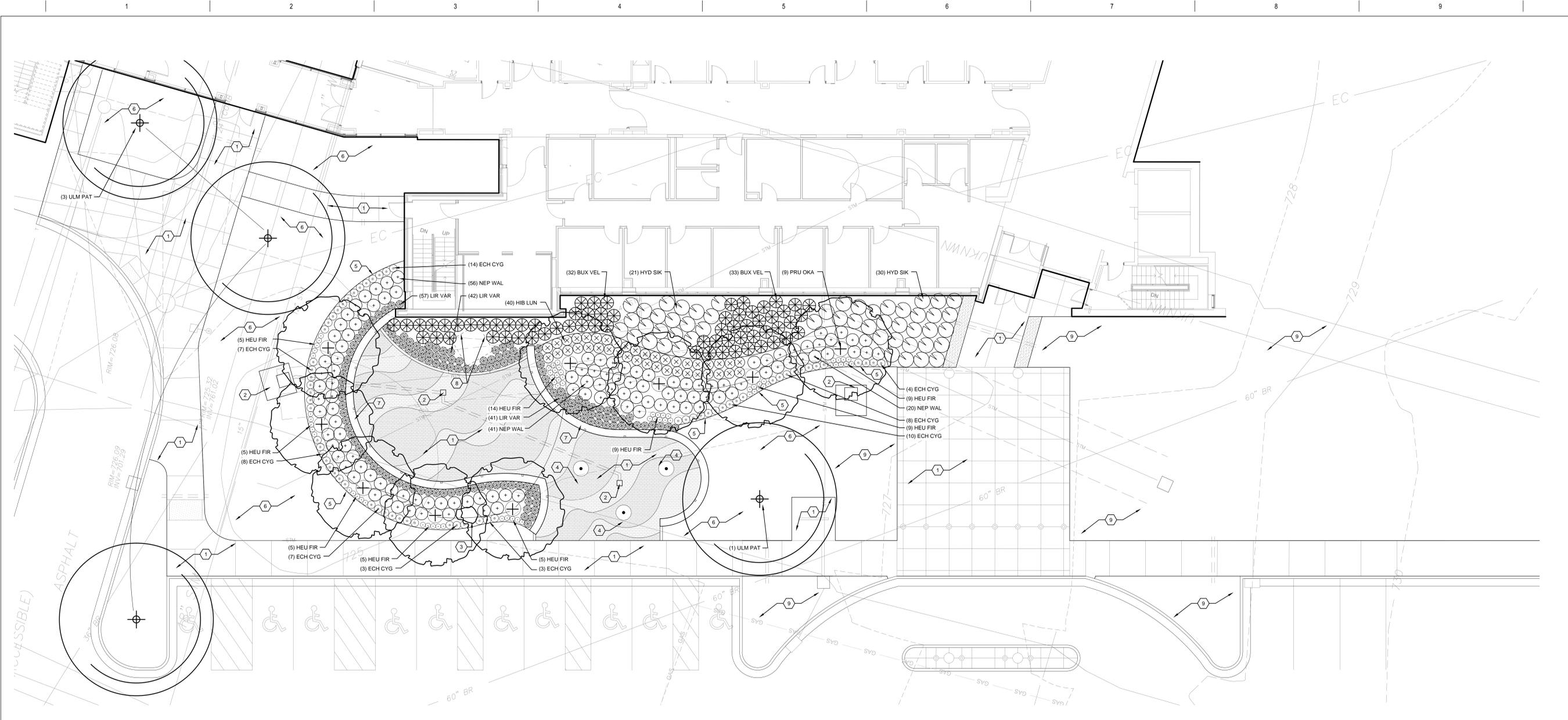
Drawing Number
G-001

Dwg. of

Office of
Construction
and Facilities
Management

Department of
Veterans Affairs

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GENERAL NOTES:

- A. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO START OF WORK. LOCATIONS OF UTILITIES WHICH ARE MADE KNOWN TO THE CONTRACTOR PRIOR TO START OF CONSTRUCTION OPERATIONS, AND THAT ARE INDICATED TO BE RETAINED, AS WELL AS UTILITY LINES CONSTRUCTED DURING CONSTRUCTION OPERATIONS, SHALL BE PROTECTED FROM DAMAGE, AND IF DAMAGED, SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER. IF UTILITY LINES THAT THE CONTRACTOR IS NOT AWARE OF ARE ENCOUNTERED OR DAMAGED, THE AUTHORIZED OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY.
- B. VIVIAN LLAMBI & ASSOCIATES, INC. MAKES NO WARRANTY OR REPRESENTATION AS TO THE QUALITY AND ACCURACY OF BASE INFORMATION AND EXISTING CONDITIONS. CONTRACTOR IS ADVISED TO VERIFY ALL CRITICAL DIMENSIONS AND ELEVATIONS.
- C. NOTIFY OWNERS REPRESENTATIVE OF ANY OBSTRUCTIONS OR POOR SOIL CONDITIONS ENCOUNTERED THAT MAY IMPACT PLANT PLACEMENT OR HEALTH. TILL COMPACTED SOILS AND SUBGRADES.
- D. DO NOT WILLFULLY INSTALL OR CONSTRUCT ITEMS AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- E. PLANT SUBSTITUTIONS ARE NOT ALLOWED WITHOUT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT, PRIOR TO PURCHASE OF PLANT MATERIALS.
- F. PROVIDE QUALITY, SIZE, GENUS, SPECIES, AND VARIETY OF EXTERIOR PLANTS INDICATED, COMPLYING WITH APPLICABLE REQUIREMENTS IN ANSI Z60.1, "AMERICAN STANDARD FOR NURSERY STOCK."
- G. IN THE EVENT OF A DISCREPANCY WITHIN THE LANDSCAPE DOCUMENTS, THE PLANTING PLAN TAKES PRECEDENCE OVER THE PLANT LIST.
- H. INSTALL 3" DEPTH HARDWOOD MULCH ON ALL TREE PITS AND IN SHRUB BEDS. INSTALL 2" DEPTH HARDWOOD MULCH IN ALL PERENNIAL AND GROUND COVER AREAS.
- I. REFER TO SPECIFICATIONS 329200-TURF AND GRASSES AND 329300-PLANTS FOR MORE INFORMATION.
- J. THE CONTRACTOR IS URGED TO DIVERT CONSTRUCTION DEBRIS FROM DISPOSAL IN LANDFILLS AND INCINERATORS. REDIRECT RECYCLABLE RECOVERED RESOURCES BACK TO THE MANUFACTURING PROCESS WHENEVER POSSIBLE. REDIRECT REUSABLE MATERIALS TO APPROPRIATE SITES OR RECYCLING FACILITIES.
- K. ALL FINISHED PLANTING SOIL GRADES IN PLANTING AREAS TO BE 2" BELOW FINISHED SURFACE ELEVATIONS.
- L. ALL FINISHED TOPSOIL GRADES IN LAWN AREAS TO BE 1" BELOW FINISHED SURFACE ELEVATIONS.

PLANT LIST

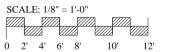
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	COMMENTS
TREES						
PRU OKA	9	PRUNUS x 'OKAME'	OKAME CHERRY	4" CAL.	AS SHOWN	MATCHED; FALL DIGGING HAZARD; B&B
ULM PAT	4	ULMUS X 'PATRIOT'	PATRIOT ELM	4" CAL.	AS SHOWN	MATCHED; FALL DIGGING HAZARD; B&B
SHRUBS						
BUX VEL	65	BUXUS X 'GREEN VELVET'	GREEN VELVET BOXWOOD	24" HT.	30" O.C.	
HYD SIK	51	HYDRANGEA QUERCIFOLIA 'SIKES DWARF'	SIKES DWARF OAKLEAF HYDRANGEA	30" HT	36" O.C.	
PERENNIALS						
ECH CYG	64	ECHINACEA PURPUREA 'CYGNET WHITE'	CYGNET WHITE CONEFLOWER	#2 CONT.	18" O.C.	
HEU FIR	66	HEUCHERA x 'FIRE CHIEF'	FIRE CHIEF CORAL BELLS	#1 CONT.	12" O.C.	
HIB LUN	40	HIBISCUS MOSCHEUTOS 'LUNA RED'	LUNA RED GIANT HIBISCUS	#3 CONT.	24" O.C.	
LIR VAR	140	LIRIOPE MUSCARI 'VARIEGATA'	VARIEGATED LILYTURF	#1 CONT.	18" O.C.	
NEP WAL	117	NEPETA x F. 'WALKER'S LOW'	WALKER'S LOW CATMINT	#2 CONT.	30" O.C.	

KEYNOTES: (X)

- 1. PAVEMENT, SEE LAYOUT PLAN. PROTECT FROM DAMAGE.
- 2. DRAINAGE STRUCTURE, SEE GRADING PLAN. FIELD VERIFY LOCATION.
- 3. BOULDER. PROTECT FROM DAMAGE.
- 4. FLAG POLE, SEE SHEET L-300.
- 5. SHOVEL-CUT PLANTING BED EDGE PER PLANTING DETAILS, SHEET L-501.
- 6. FURNISH AND INSTALL NEW SODDED LAWN IN ALL AREAS DISRUPTED BY CONSTRUCTION PER SPEC 329200.
- 7. SEAT WALL, SEE SHEET L-300.
- 8. BASE FOR SCULPTURAL ELEMENT. SEE ARCHITECTURE DRAWINGS.
- 9. FUTURE PHASE OF WORK.

LEGEND:

- B&B BALLED AND BURLAPPED
- CAL. CALIPER
- CONT. CONTAINER
- HT. HEIGHT
- MIN. MINIMUM
- O.C. ON CENTER
- QT. QUART
- SPR. SPREAD

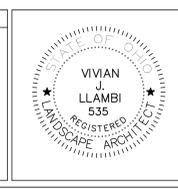


Revisions	Date

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PROJECT No.: 2015-04002 FIRM LICENSE No.:



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Drawing Title: **PLANTING PLAN**
 100% Bid Documents

Approved: Project Director

Project Title: **CVAMC Serenity Garden**
 100% Owner Review

Location: **Cincinnati, Ohio**

Date: 03/03/2017

Checked: **TRW**

Drawn: **TRW**

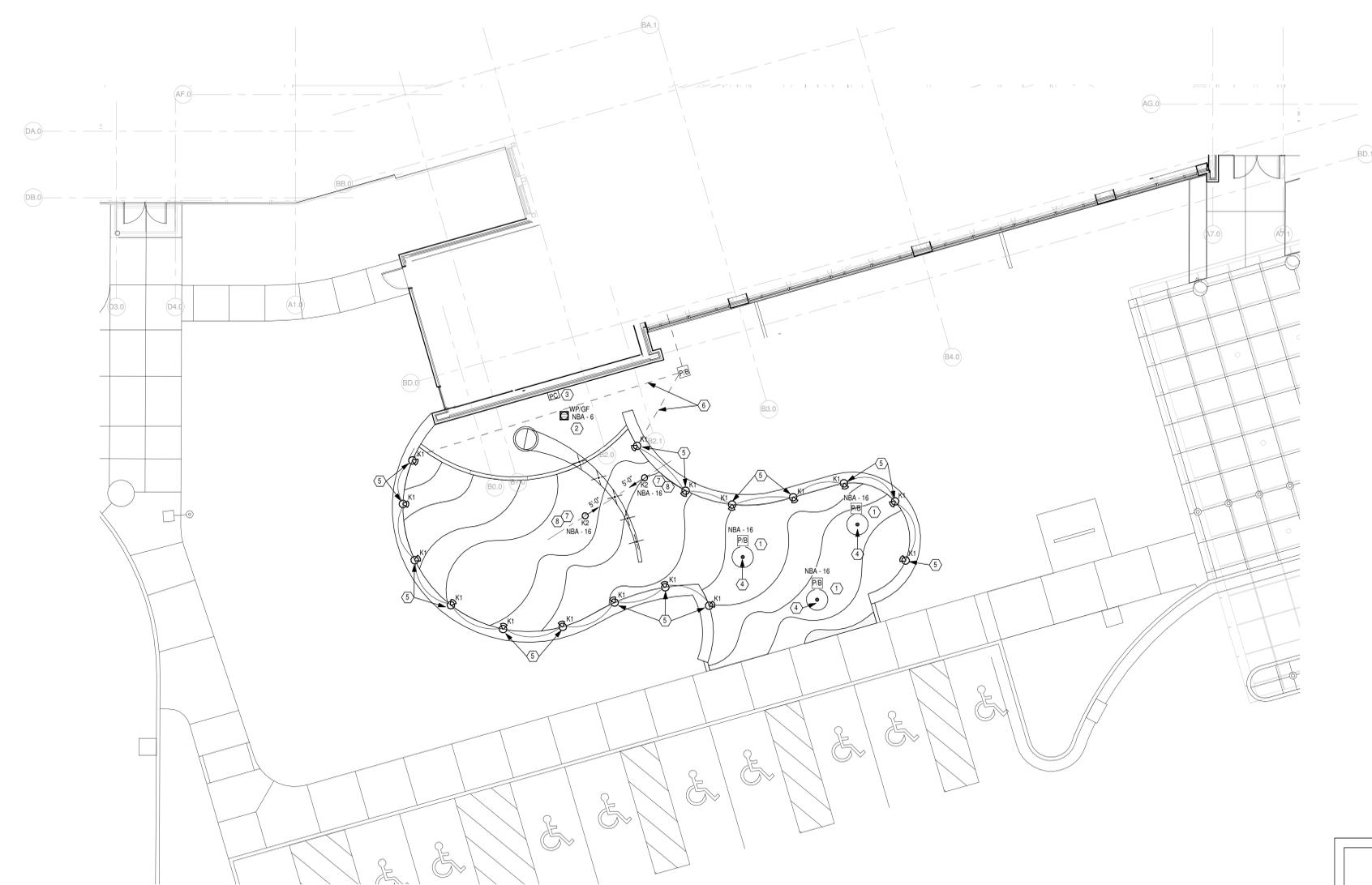
Project No.: 52109.00
 VA Project No.
 Building Number

Drawing Number: **L500**

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Office of Construction and Facilities Management

Department of Veterans Affairs

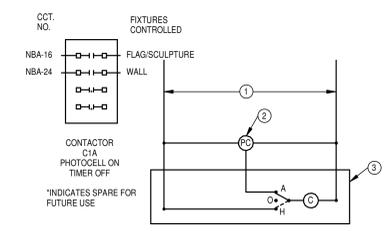


- PLAN NOTES**
- 1 PROVIDE PULLBOX FOR LIGHTED FLAG POLE. COORDINATE EXACT LOCATION WITH ARCHITECT AND CIVIL.
 - 2 PROVIDE GFCI/WEATHERPROOF RECEPTACLE MOUNTED ON STEM ABOVE GRADE. COORDINATE WITH CIVIL AND LANDSCAPE PRIOR TO ROUGH-IN.
 - 3 PROVIDE 120V PHOTOELECTRIC SENSOR MOUNTED TO TOP OF PARAPET FOR CONTROL OF FLAG POLE AND SCULPTURE LIGHTING. AIM SENSOR TOWARD NORTH. SENSOR TO CONTROL 4-POLE LIGHTING CONTACTOR. MOUNT CONTACTOR IN BASEMENT ELECTRICAL ROOM.
 - 4 FLAG POLE LIGHT MOUNTED AT TOP OF POLE. LIGHTS PROVIDED WITH FLAG POLE. DIV. 26 TO PROVIDE WIRING TO CIRCUIT INDICATED.
 - 5 PROVIDE AND INSTALL 3.5" DIAMETER STEP LIGHT IN CONCRETE WALL. MOUNT 6" DOWN FROM TOP OF WALL. SEE DETAIL ON LANDSCAPE PLANS.
 - 6 1/2" C. FOR STEP LIGHTS. RUN INTO BASEMENT. WIRE LIGHTS WITH 2#10 THWN, 10 GRND, 1/2" C.
 - 7 CENTER AN IN-GROUND SPOT LIGHT ON CENTER LINE OF "STARS" IN THE SCULPTURE. LIGHTS TO BE PLACED 5'-0" FROM SCULPTURE. AIM LIGHTS APPROXIMATELY 20 DEGREES FROM VERTICAL. (NOTE: THERE MAY BE MORE THAN ONE VERSION OF THIS SCULPTURE. VERIFY WHICH ONE WILL BE INSTALLED AND THEN POSITION GROUND LIGHTS ACCORDINGLY).
 - 8 INCLUDE FINAL DIMMING OF LIGHTS ON SCULPTURE AT NIGHT. VERIFY AND ADJUST FIXTURES ACCORDINGLY.

DEDUCT ALTERNATES

DEDUCT 1: DELETE SCULPTURE FOUNDATION AND ALL ASSOCIATED WORK. THIS INCLUDES TYPE "K2" SCULPTURE LIGHT FIXTURE.

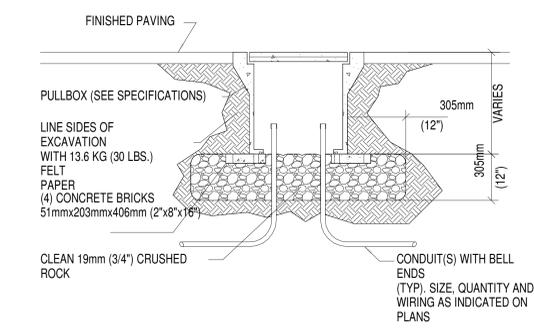
DEDUCT 2: DELETE STEP LIGHTS TYPE "K1" IN FACE OF SEAT WALL AND ALL ASSOCIATED WORK.



- DETAIL NOTES**
- 1 20A 120V CONTROL CCT.
 - 2 PHOTOCELL (1201277V).
 - 3 CONTACTOR C1A - MECHANICALLY HELD 4 POLE LIGHTING CONTACTOR WITH ONE H.O.A. SWITCH AND 120V. COIL.

2 EXTERIOR LIGHTING CONTROLS

1 SERENITY GARDEN SITE PLAN
SCALE: 1/8" = 1'-0"



3 UNDERGROUND PULL BOX
SCALE: NONE

Panel: NBA

Location: MOUNTING: Surface A.I.C. Rating: 10,000 A
Supply From: ENCLASURE: Type 1 Mains Type: MLO
Voltage: 120/208 Wye-3PH-4W Mains Rating: 100 A

CKT	Circuit Description	Trip	A			B			C			Poles	Trip	Circuit Description	CKT
			VA	VA	VA	VA	VA	VA	VA	VA	VA				
1	Lights	20 A	1	600 VA	896 VA						1	20 A	Lights	2	
3	Lights	20 A	1			1200...	1088...				1	20 A	Lights	4	
5	Lights	20 A	1			1200...	180 VA				1	20 A	Site Receptacle	6	
7	Lights	20 A	1	768 VA	400 VA						1	20 A	Power	8	
9	Power	20 A	1			800 VA	800 VA				1	20 A	Power	10	
11	Power	20 A	1					1000...	1000...		1	20 A	Power	12	
13	Power	20 A	1	800 VA	1100...						1	20 A	Power	14	
15	Power	20 A	1			400 VA	1112...				1	20 A	Flag Pole LTG	16	
17	Power	20 A	1			200 VA	800 VA				1	20 A	Power	18	
19	Power	20 A	1	600 VA	300 VA						1	20 A	Power	20	
21	Power	20 A	1			1248...	128 VA				1	20 A	Lights	22	
23	Spare	20 A	1					0 VA	48 VA		1	20 A	Step Lights	24	
25	Spare	20 A	1	0 VA	0 VA						1	20 A	Spare	26	
27	Spare	20 A	1	0 VA	0 VA						1	20 A	Spare	28	
29	Spare	20 A	1					0 VA	0 VA		1	20 A	Spare	30	
31	Spare	20 A	1	0 VA	0 VA						1	20 A	Spare	32	
33	Spare	20 A	1			0 VA	0 VA				1	20 A	Spare	34	
35	Spare	20 A	1					0 VA	0 VA		1	20 A	Spare	36	
37	Spare	20 A	1	0 VA	0 VA						1	20 A	Spare	38	
39	Spare	20 A	1			0 VA	0 VA				1	20 A	Spare	40	
41	Spare	20 A	1					0 VA	0 VA		1	20 A	Spare	42	
Total Load:				5.46 kVA	6.78 kVA			4.43 kVA							

Notes: EXISTING PANEL. USE SPARE BREAKERS FOR NEW CIRCUITS.

TOTAL CONNECTED	ESTIMATED DEMAND
16.67 kVA	16.68 kVA (46 A)

LED GROUND LIGHT

DESCRIPTION: MARINE GRADE 316 BRUSHED STAINLESS STEEL FINISH (4) 3/4" HUBS. PRE-INSTALLATION BLOCKOUT BOX WITH FACTORY ASSEMBLED 1.8" COGD. 20 DEGREE ADJUSTABLE AIM.

LED: 4300K 16W, 120V, 25 DEGREE BEAM SLIP REDUCTION GLAZING LENS.

RATING: IP68, <114 DEGREE SURFACE TEMPERATURE.

LED STEP LIGHT

DESCRIPTION: MARINE GRADE 316 BRUSHED STAINLESS STEEL FINISH (2) 1/2" HUBS. PRE-INSTALLATION BLOCKOUT BOX.

LED: 4300K, 3W, 120V, 30 DEGREE LENS.

RATING: IP68, <114 DEGREE SURFACE TEMPERATURE.

4 LIGHT FIXTURE DESCRIPTIONS

<p>2/20/2017 11:10:13 AM</p> <p>Revisions</p>	<p>CONSULTANTS:</p> <p>Heapy Engineering MEP Design Technology Planning Commissioning Energy Nationally Recognized Leader in Sustainability 1400 W Dorothy Lane, Dayton, OH 45409-1310 Ph 937-224-0861 Fax 937-224-5777 www.heapy.com HEAPY PROJECT No.: 2016-04005 FIRM LICENSE No.: 01528</p>		<p>ARCHITECT/ENGINEERS:</p> <p>LEVIN · PORTER · ASSOCIATES · INC ARCHITECTURE PLANNING INTERIOR DESIGN</p> <p>3011 NEWMARK DRIVE MIAMISBURG, OHIO 45342 937 224 1931 FAX: 937 224 3091 WWW.LEVIN-PORTER.COM</p>	<p>Drawing Title</p> <p style="text-align: center;">SITE - ELECTRICAL PLAN</p> <p>Approved: Project Director</p>	<p>Project Title</p> <p style="text-align: center;">CONSTRUCT CLC SERENITY GARDEN</p> <p>Location Cincinnati, Ohio</p> <p>Date 3/3/2017 Checked MSG Drawn JB</p>	<p>Project No. 92109.00 VA Project No. 539-16-209</p> <p>Building Number 2</p> <p>Drawing Number PE101</p> <p>Dwg. of</p>	<p>Office of Construction and Facilities Management</p> <p>Department of Veterans Affairs</p>
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