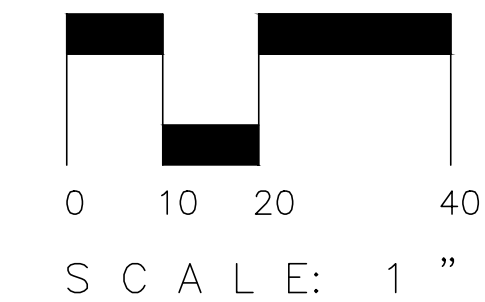


GENERAL SHEET NOTES

SYMBOLS LEGEND

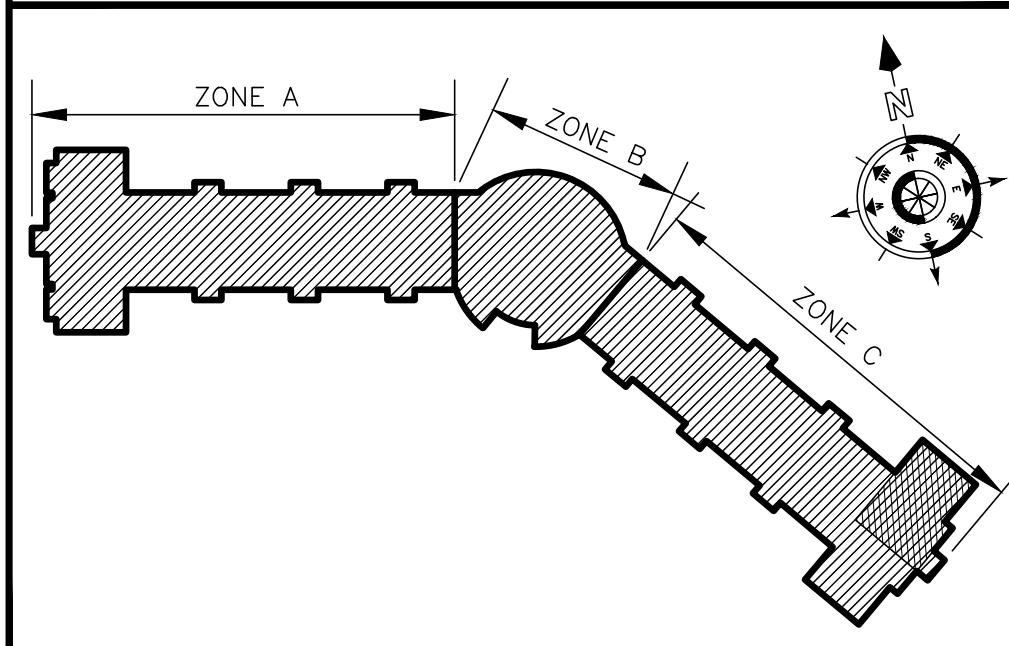


**HANSEN**  
LANDSCAPE ARCHITECTURE

101 RICHARD ARRINGTON BOULEVARD SOUTH  
BIRMINGHAM, ALABAMA 35233 T 205 714 9963

COORDINATION DRAWINGS

KEY PLAN



Revisions:		
No.	Description	Date

**VA** U.S. Department of Veterans Affairs  
**CARL VINSON VA MEDICAL CENTER**

1826 VETERANS BLVD.  
DUBLIN, GA 31021

Seal:

Architect / Engineer Address:

**HARRELL**  
DESIGN GROUP, P.C.  
formerly HARRELL, SALTRICK & HOPPER, PC

8016 TOWER POINT DRIVE  
CHARLOTTE, NC 28227

P 704.814.1320  
F 704.321.0833

HQ PROJECT: 14004

Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COR

Drawing Title:  
**LANDSCAPE PLAN**

Project Phase:  
BID DOCUMENTS - 100%

**FULLY SPRINKLERED**

Project Title:  
**CONSTRUCT NEW MENTAL HEALTH FACILITY**

Drawn:   
Checked:

Building Number:  
**1**

File Name:

Const. Contract No.:

Date:  
APRIL 6, 2015

Project Number:  
557-380

Drawing No.:  
**L1**

U.S. Department of Veterans Affairs



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

A

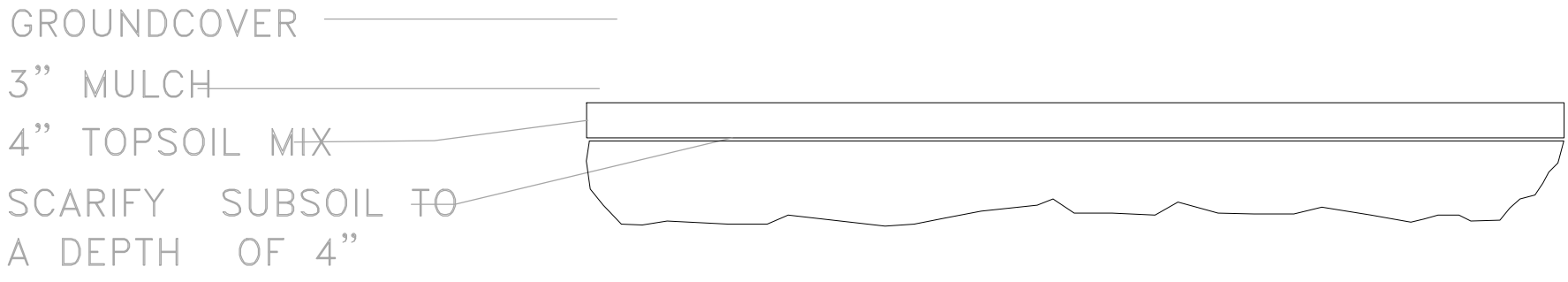
B

C

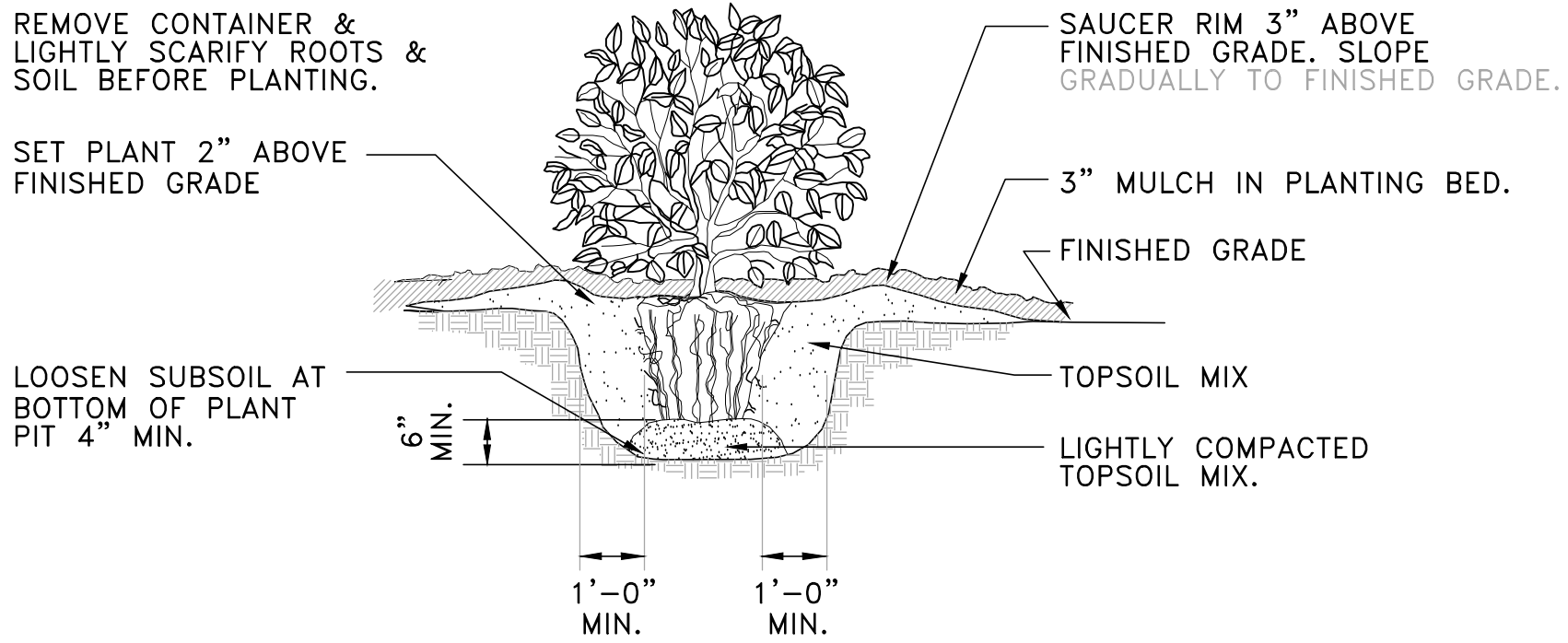
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E

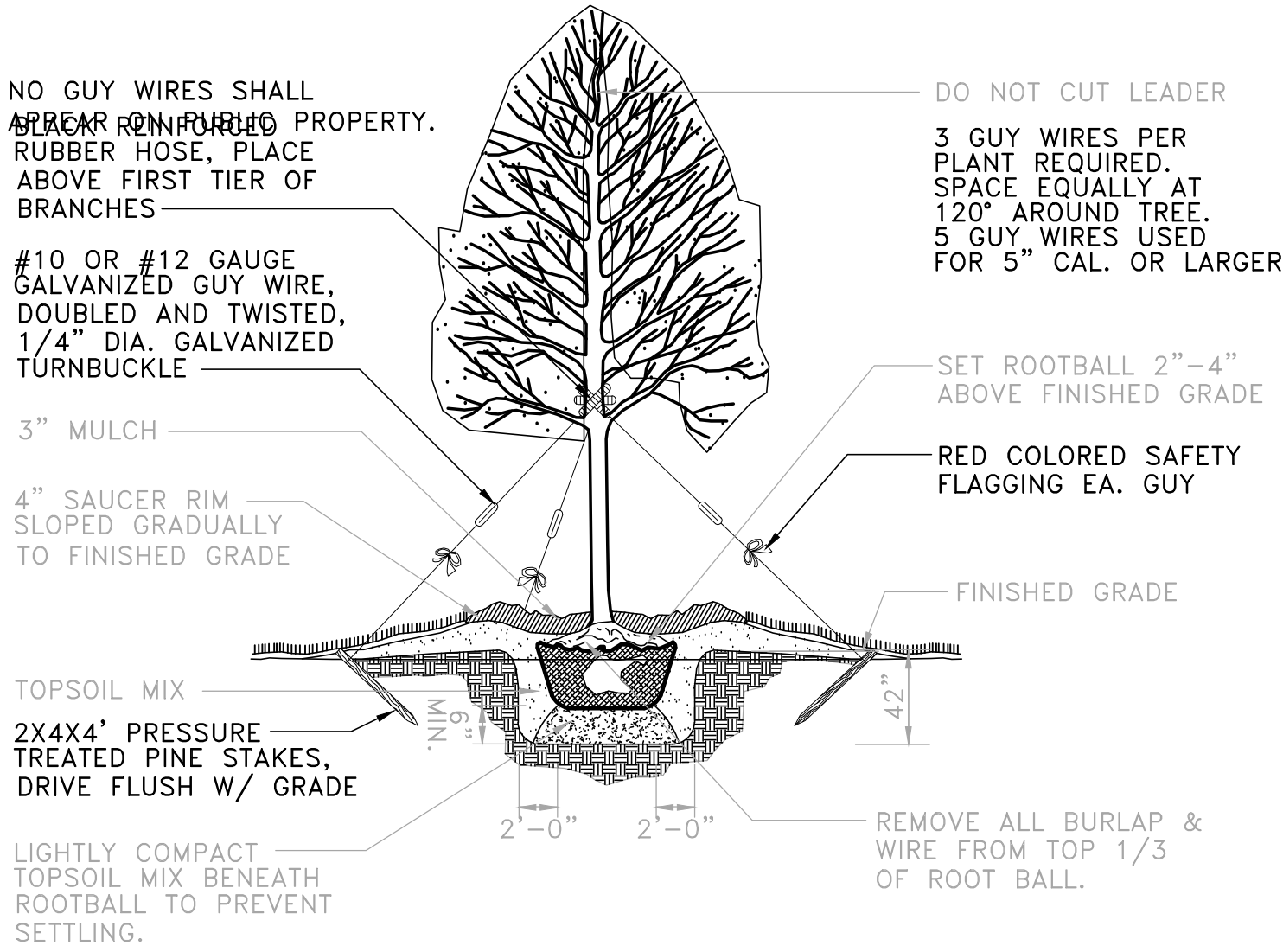
C:\temp\14004 Central.dwg,nit



GROUNDCOVER



SHRUB



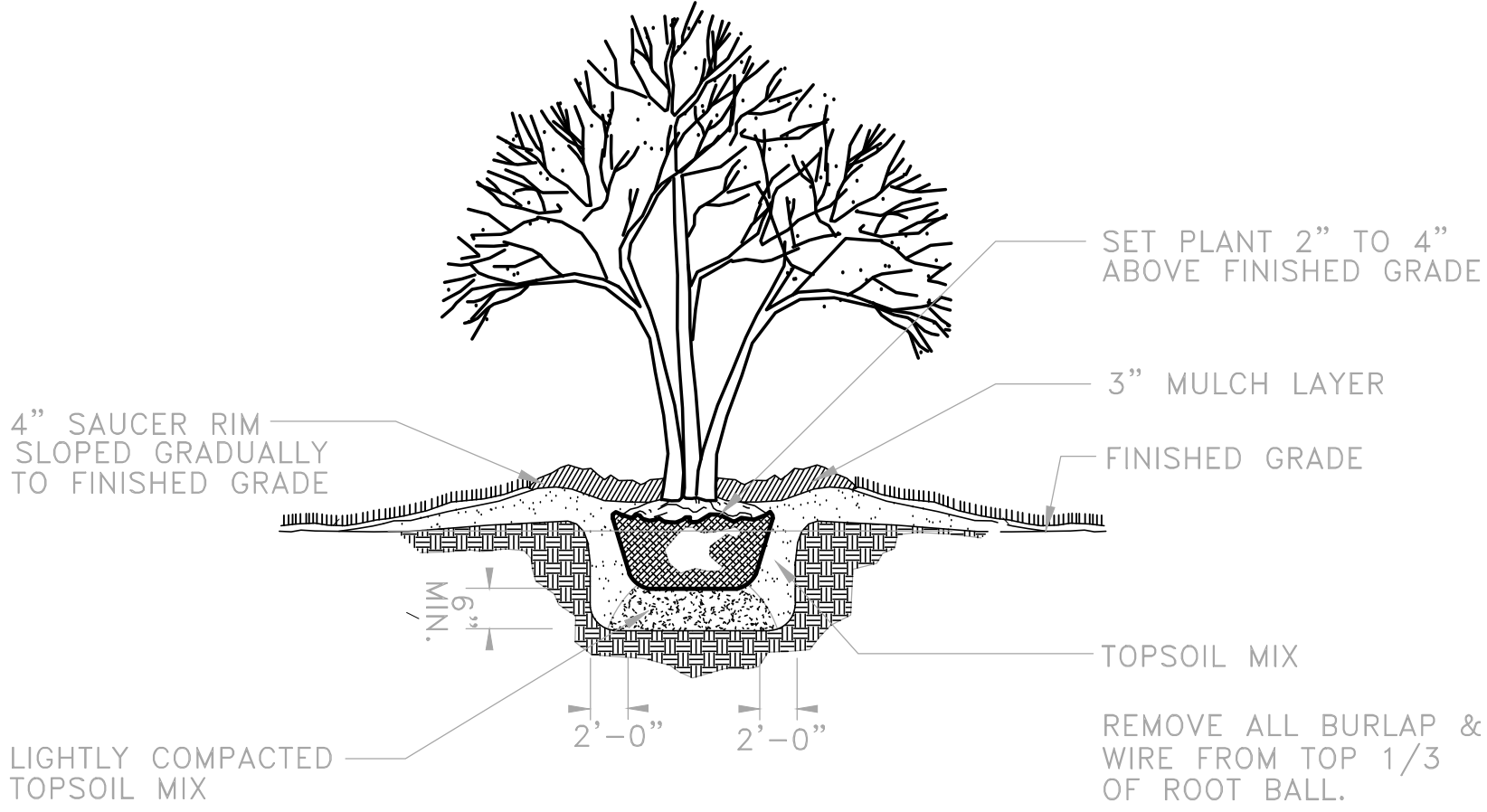
SHADE TREE

ALL TREES SHALL BE SELECTED BY THE LANDSCAPE ARCHITECT AT ONE OF THE FOLLOWING LISTED NURSERIES OR EQUAL AS APPROVED BY THE LANDSCAPE ARCHITECT.

PLANTATION TREE CO.  
120 COUNTY RD 15 SOUTH  
SELMA, AL 36703  
(800)848-5064

HUNTER TREES  
700 INDIAN VALLEY RD  
ALPINE, AL 35014  
205 296 6401

SELECT TREES  
P.O. BOX 6671  
ATHENS, GA 30604  
(706) 769-9879



FLOWERING TREE

QNTY	BOTANICAL NAME	COMMON NAME	CAL	HT	SPRD	SIZE CONT	SPACING	COMMENTS
TREES								
6	LAGERSTROEMIA INDICA 'NATCHEZ'	NATCHEZ GRAPE MYRTLE		8'-10'	5'-6'	B&B		3 -4 TRUNKS, 1.5" CAL EA.
2	MAGNOLIA SOULANGIANA	SAUCER MAGNOLIA	2-2 1/2"	10'-12'	8'-9'	B&B		
10	QUERCUS PHELLOS	WILLOW OAK	3-3 1/2"	16-18'	8'-9'	B&B		CENTRAL LEADER
2	QUERCUS shumardii	SHUMARD OAK	3-3 1/2"	16-18'	8'-9'	B&B		CENTRAL LEADER
3	QUERCUS VIRGINIANA	LIVE OAK	3-3 1/2"	16-18'	8'-9'	B&B		CENTRAL LEADER
29	THUGA ARBORVITE	WINERGREEN ARBORVITE	3-3 1/2"	6'	2'-3'	B&B		
SHRUBS								
109	ILEX VOMITORIA NANA	DWF YAUPON HOLLY				3 GAL		
257	ILEX CARISSA	CARISSA HOLLY				3 GAL		
356	RAPHIOLEPSIS INDICA	DWF. INDIAN HAWTHORNE				3 GAL		
36	HYDRANGEA PANICULATE LIMELIGHT	DWF LIMELIGHT HYDRANGEA				3 GAL		
GROUND COVER								
1,958	LIRIOPE MUSCARI	BIG BLUE LIRIOPE				1 GAL		
412	MUHLEY	PINK MUHLEY				3 GAL		
8,750 SY	CYNODON DACTYLON	BERMUDA SOD						SOLID SOD, FREE OF WEEDS
500 SF	SEASONAL COLOR							

GENERAL SHEET NOTES

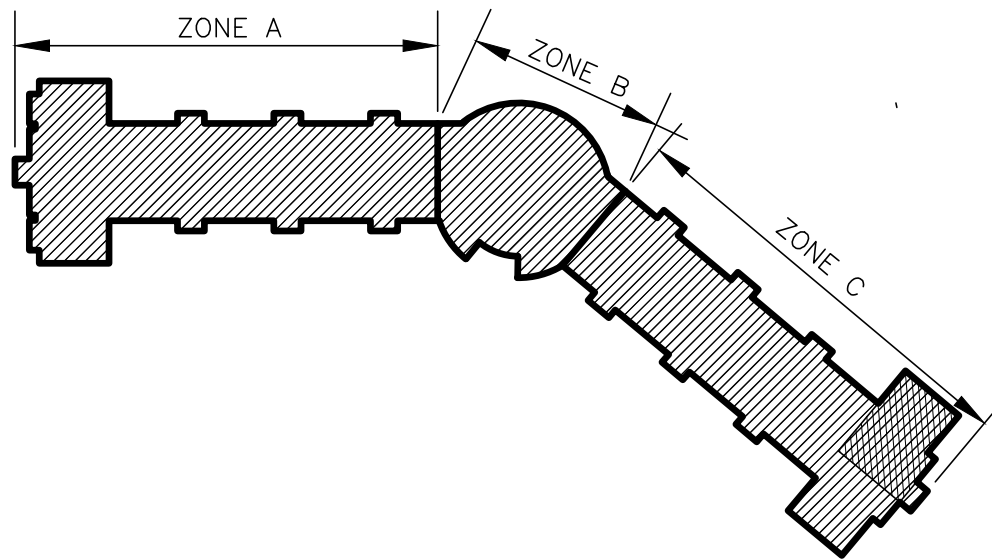
SYMBOLS LEGEND

HANSEN  
LANDSCAPE ARCHITECTURE

101 RICHARD ARRINGTON BOULEVARD SOUTH  
BIRMINGHAM, ALABAMA 35233 T 205 714 9963

COORDINATION DRAWINGS

KEY PLAN



Revisions:		
No.	Description	Date

**VA** U.S. Department of Veterans Affairs  
**CARL VINSON VA MEDICAL CENTER**  
1826 VETERANS BLVD.  
DUBLIN, GA 31021

Seal:

Architect / Engineer Address:  
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8016 TOWER POINT DRIVE  
CHARLOTTE, NC 28227  
P 704.814.1320  
F 704.321.0833  
HDG PROJECT: 14004

Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
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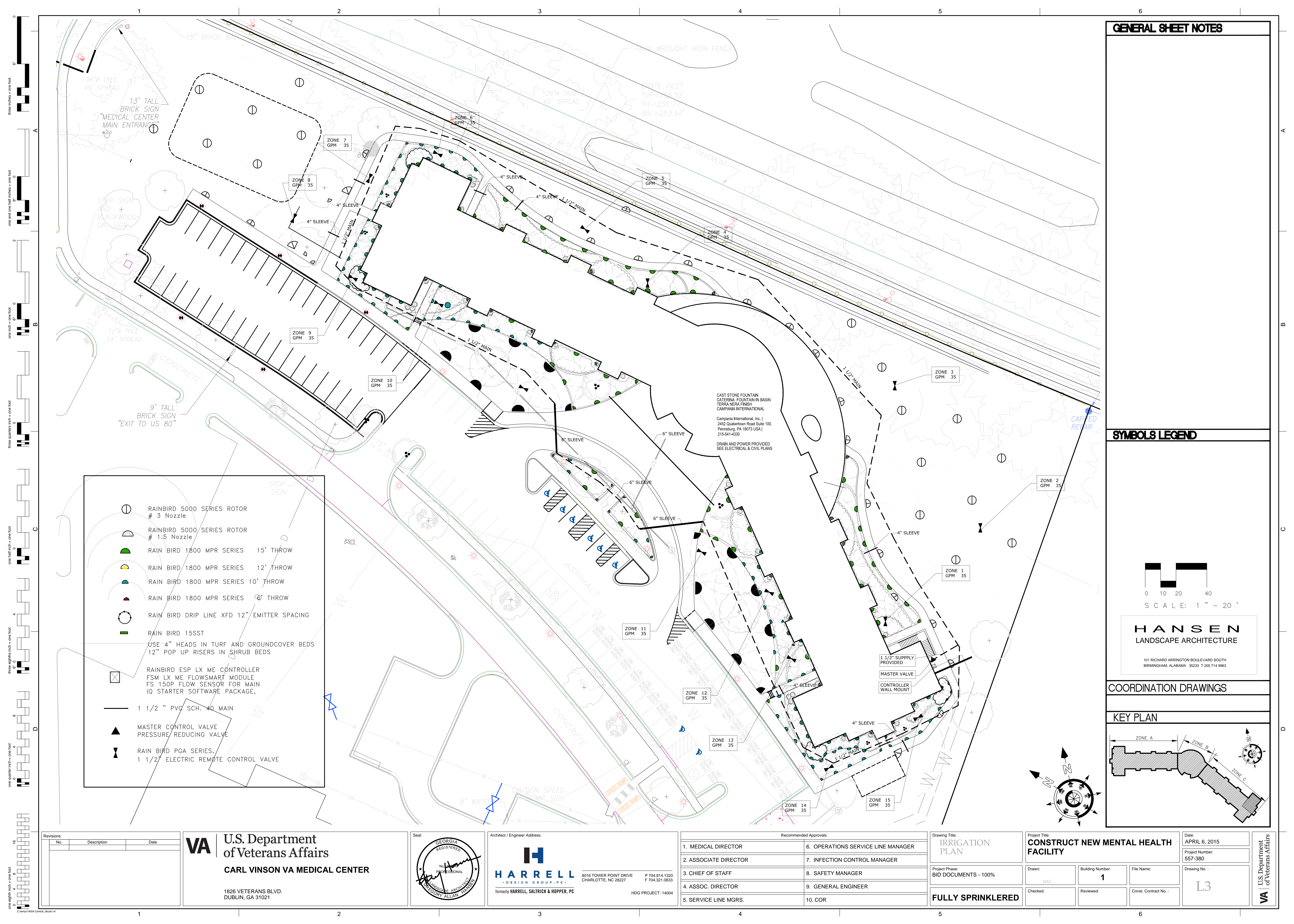
Drawing Title:  
**LANDSCAPE DETAILS**  
Project Phase:  
BID DOCUMENTS - 100%  
**FULLY SPRINKLERED**

Project Title:  
**CONSTRUCT NEW MENTAL HEALTH FACILITY**  
Drawn: LADS  
Checked: LADS  
Building Number:  
**1**  
Reviewed: LADS  
Const. Contract No.:

Date:  
APRIL 6, 2015  
Project Number:  
557-380  
Drawing No.:  
**L2**

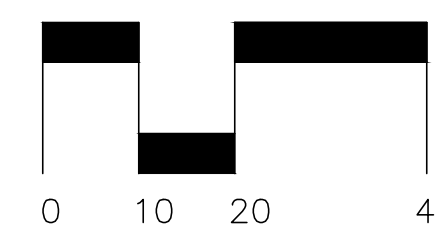
U.S. Department of Veterans Affairs





GENERAL SHEET NOTES

SYMBOLS LEGEND



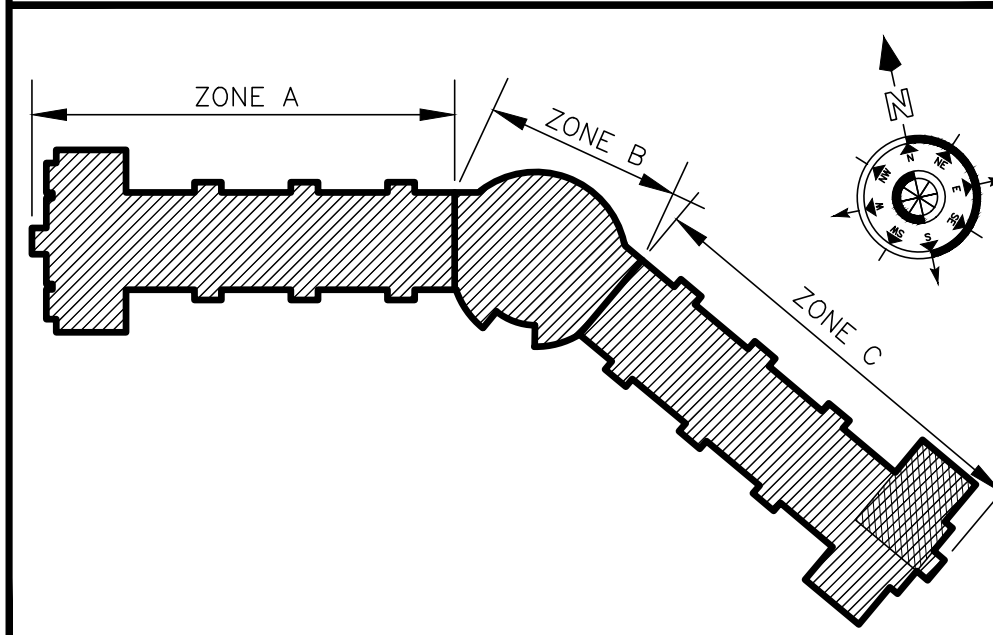
SCALE: 1" = 20'

HANSEN  
LANDSCAPE ARCHITECTURE

101 RICHARD ARRINGTON BOULEVARD SOUTH  
BIRMINGHAM, ALABAMA 35233 T 205 714 9963

COORDINATION DRAWINGS

KEY PLAN



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No.	Description	Date

U.S. Department of Veterans Affairs

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HOG PROJECT: 14004

Recommended Approvals:	
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Drawing Title:

IRRIGATION PLAN

Project Phase:  
BID DOCUMENTS - 100%

FULLY SPRINKLERED

Project Title:

CONSTRUCT NEW MENTAL HEALTH FACILITY

Drawn: MAD

Checked:

Building Number:

1

Reviewed:

File Name:

Const. Contract No.:

Date:

APRIL 6, 2015

Project Number:

557-380

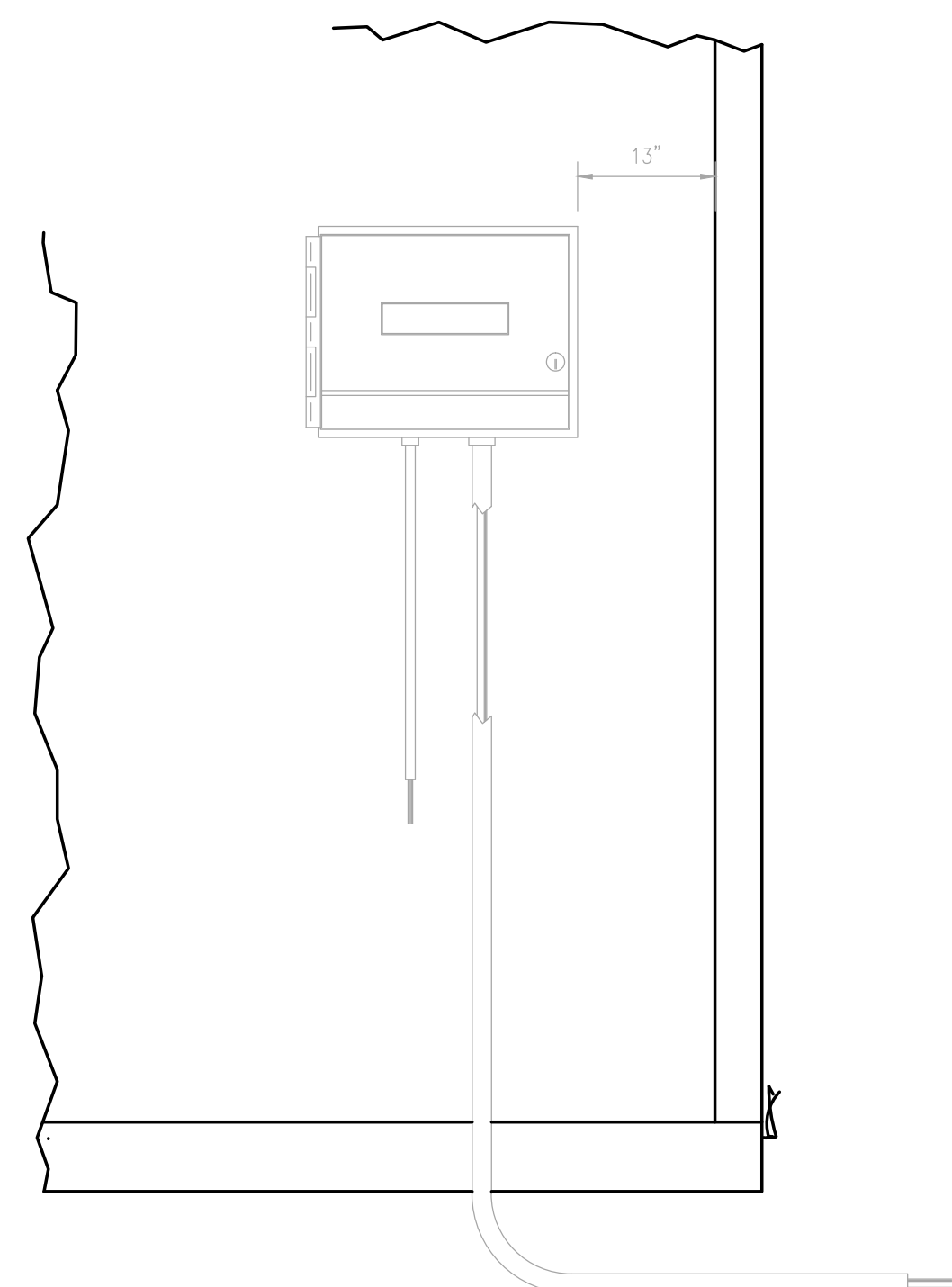
Drawing No.:

L3

U.S. Department of Veterans Affairs



0  
6"  
three inches = one foot  
A  
one and one half inches = one foot  
2  
0  
one inch = one foot  
B  
three quarters inch = one foot  
C  
one half inch = one foot  
4  
three eighths inch = one foot  
8  
one quarter inch = one foot  
D  
16  
one eighth inch = one foot



IRRIGATION CONTROLLER

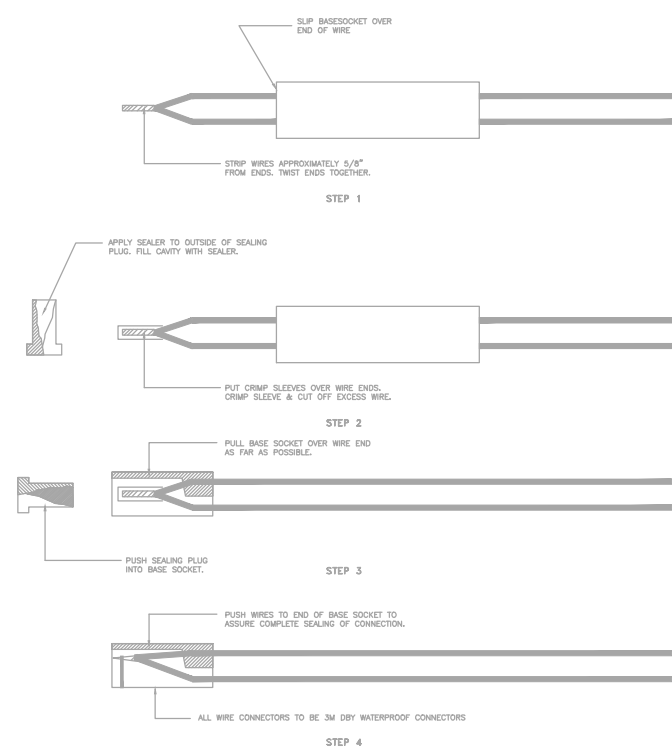
PLANT WATER DEMAND	
PLANT TYPE	WATER DEMAND
LAWN GRASSES	1 1/2"-2" PER WEEK
GROUNDCOVERS	1/2"-1" PER WEEK
SHRUBS	1"-1 1/2" PER WEEK
TREES	1"-1 1/2" PER WEEK
ROSES	2" PER WEEK
PERENNIALS & ANNUALS	1 1/2"-2" PER WEEK
VEGETABLES	2" PER WEEK PLUS

MAXIMUM WATER APPLICATION RATES FOR SLOPES IN INCHES PER HOUR		
SOIL TYPE	0% SLOPE	10% SLOPE
SANDY LOAM	1.7" PER HOUR	1.0" PER HOUR
SILTY LOAM	1.0" PER HOUR	.6" PER HOUR
CLAY	.2" PER HOUR	.1" PER HOUR

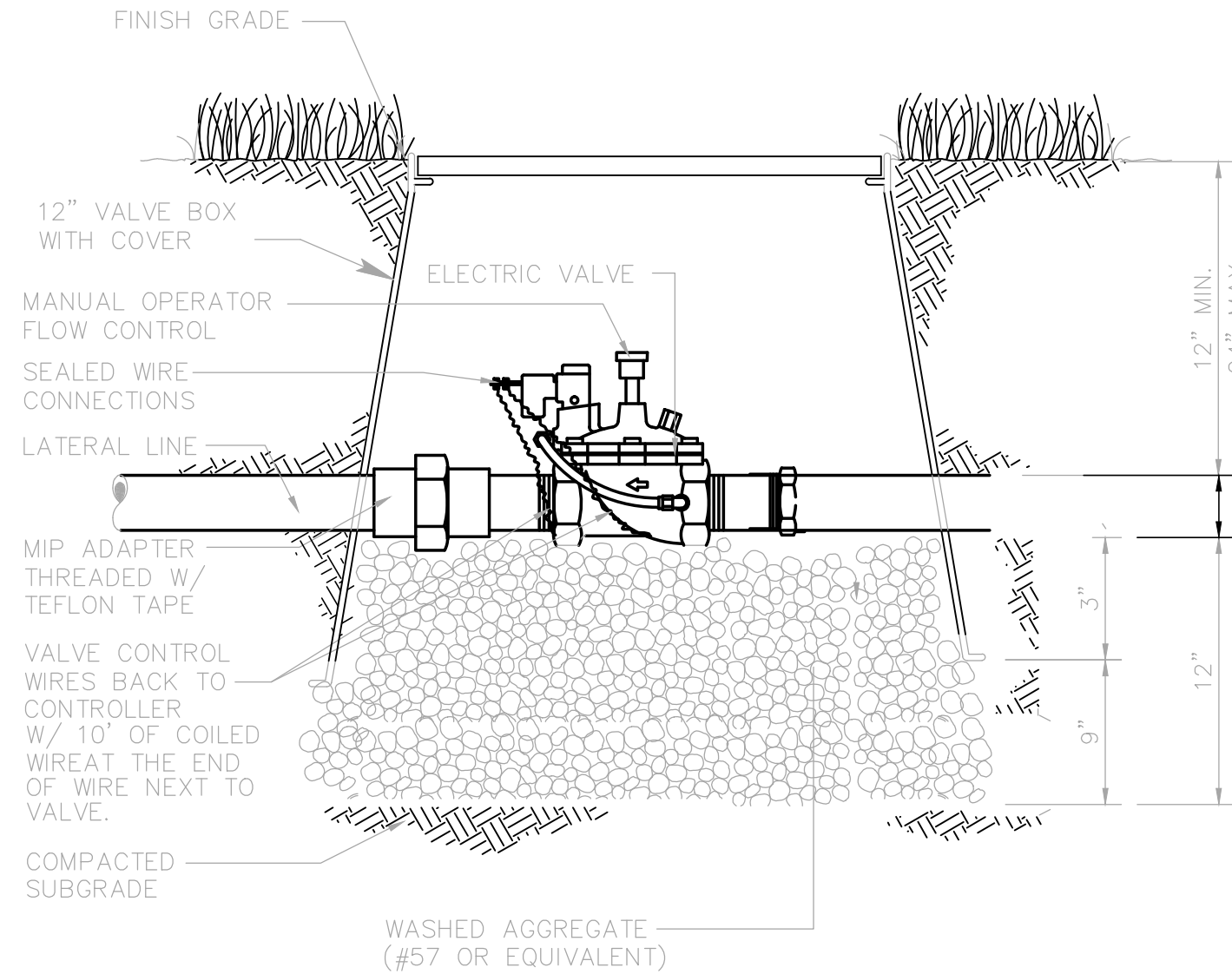
APPLICATION RATE OF WATER			
SLOPES	SOIL TYPE		
	CLAY	SILTY LOAM	SANDY LOAM
FLAT(0%)	SLOW	MODERATE	FAST
SLOPED(10%)	VERY SLOW	SLOW	MODERATE

GENERAL SOIL PERMABILITY RATES	
SOIL TYPE	PERMABILITY RATE
SANDY LOAM	1.7" PER HOUR
SILTY LOAM	1.0" PER HOUR
CLAY	.2" PER HOUR

WATER DATA



WIRING DETAIL



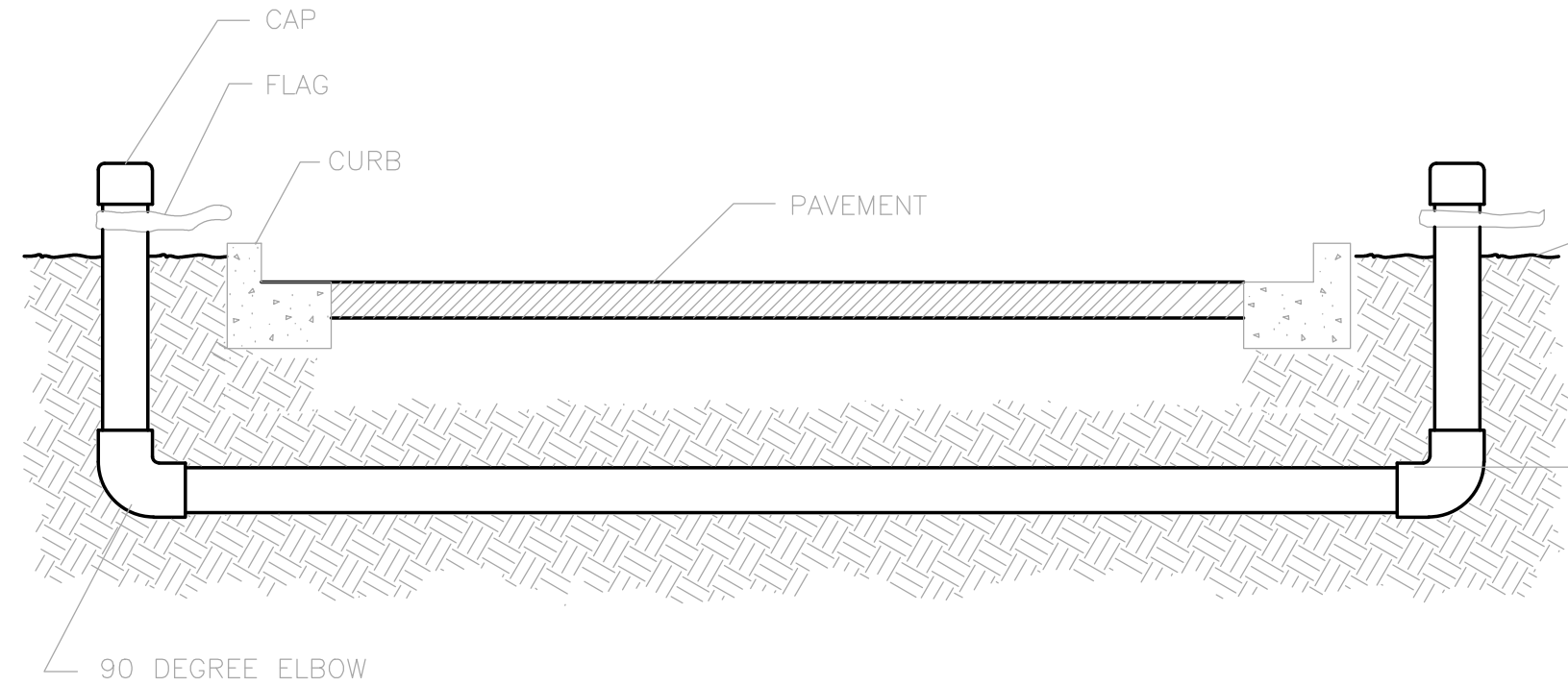
CONTROL VALVE

- RAINBIRD 5000 SERIES ROTOR # 3 Nozzle
- RAINBIRD 5000 SERIES ROTOR # 1.5 Nozzle
- RAIN BIRD 1800 MPR SERIES 15' THROW
- RAIN BIRD 1800 MPR SERIES 12' THROW
- RAIN BIRD 1800 MPR SERIES 10' THROW
- RAIN BIRD 1800 MPR SERIES 6' THROW
- RAIN BIRD DRIP LINE XFD 12" EMITTER SPACING
- RAIN BIRD 15SST
- USE 4" HEADS IN TURF AND GROUNDCOVER BEDS
- 12" POP UP RISERS IN SHRUB BEDS

RAINBIRD ESP LX ME CONTROLLER  
FSM LX ME FLOWSMART MODULE  
FS 150P FLOW SENSOR FOR MAIN  
IQ STARTER SOFTWARE PACKAGE,  
5 SATELLITE CAPACITY

- 1 1/2 " PVC SCH. 40 MAIN
- MASTER CONTROL VALVE  
PRESSURE REDUCING VALVE
- RAIN BIRD PGA SERIES,  
1 1/2" ELECTRIC REMOTE CONTROL VALVE

LEGEND



NOTE:  
EACH CURB ON BOTH SIDES OF STREET ARE TO BE  
NOTCHED AND PAINTED FOR SLEEVE LOCATION

PIPE SIZE	SLEEVE SIZE
3/4"	2"
1"	2"
1 1/2"	4"
2"	4"
2 1/2"	4"
3"	6"
NO PIPE INDICATED	6"

SLEEVE DETAIL

- INSTALL ALL SCHEDULE 40 PVC SLEEVES AS SHOWN ON DRAWINGS FOR BASE BID, UNLESS SPECIFIED OTHERWISE.
- DO NOT INSTALL SLEEVES UNDER PEDESTRIAN PAVING UNLESS OTHERWISE INDICATED.
- ALL MAIN PIPING TO BE SCHEDULE 40 PVC. ALL LATERAL LINE PIPING TO BE CLASS 200 OR 160 PVC.
- ALL PIPING, VALVES AND HEADS ARE SHOWN IN SCHEMATIC LAYOUT. ACTUAL PLACEMENT OF THESE ITEMS SHALL BE IN PLANTED AREAS WITH EXCEPTION OF PIPING IN SLEEVES. WHEREVER APPLICABLE PIPING SHALL BE LOCATED IMMEDIATELY BEHIND BACK OF CURB.
- ADHERE TO LOCAL PLUMBING AND ELECTRICAL REQUIREMENTS.
- PIPING AND SLEEVING CHART REQUIREMENTS.

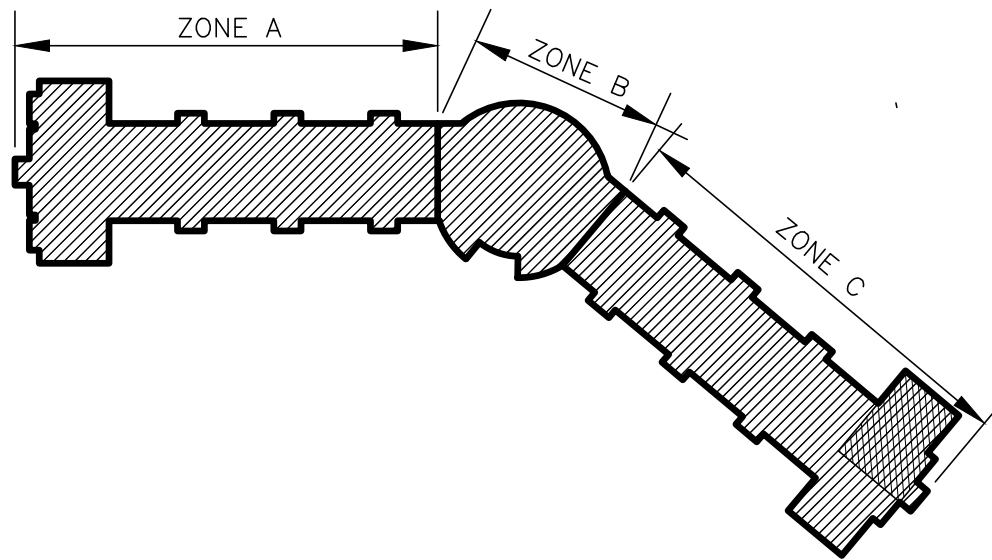
GPM	PIPE SIZE	PIPE SIZE	SLEEVE SIZE
9-16	1"	3/4"	2"
17-35	1 1/2"	1"	2"
36-55	2"	1 1/2"	4"
56-80	2 1/2"	2"	4"
		2 1/2"	4"
		3"	6"
		NO PIPE	6"

GENERAL SHEET NOTES

SYMBOLS LEGEND

COORDINATION DRAWINGS

KEY PLAN



Revisions:		
No.	Description	Date

**VA**

**U.S. Department of Veterans Affairs**  
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HDG PROJECT: 14004

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Drawing Title:  
**IRRIGATION DETAILS**  
  
Project Phase:  
BID DOCUMENTS - 100%  
**FULLY SPRINKLERED**

Project Title:  
**CONSTRUCT NEW MENTAL HEALTH FACILITY**  
  
Drawn:  
CAH  
Checked:  
  
Building Number:  
**1**  
Reviewed:  
  
File Name:  
  
Const. Contract No. :

Date:  
APRIL 6, 2015  
Project Number:  
557-380  
Drawing No. :  
**L4**

U.S. Department of Veterans Affairs