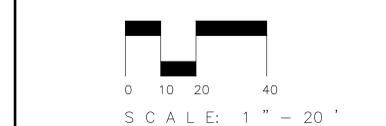


GENERAL SHEET NOTES

SYMBOLS LEGEND

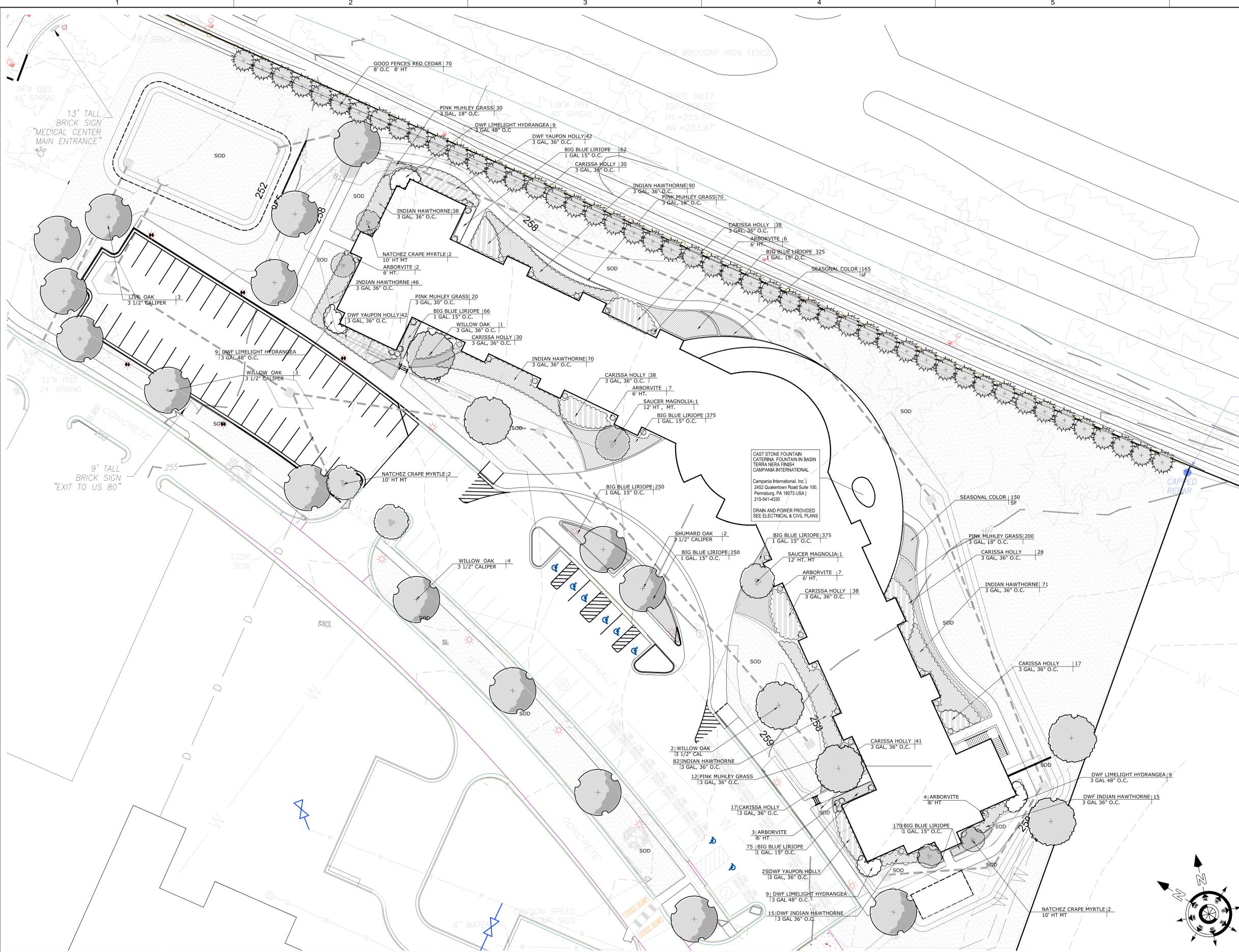
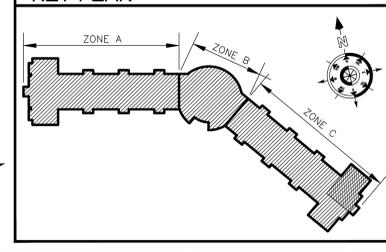


HANSEN
LANDSCAPE ARCHITECTURE

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

COORDINATION DRAWINGS

KEY PLAN



CAST STONE FOUNTAIN
CATERNA FOUNTAIN BASIN
TERRA NERA FINISH
CAMPANIA INTERNATIONAL
Campania International, Inc. |
2452 Quakerstown Road Suite 100,
Pennsburg, PA 18073 USA |
215-541-4300
DRAIN AND POWER PROVIDED
SEE ELECTRICAL & CIVIL PLANS

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
one quarter inch = one foot
one eighth inch = one foot

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 F 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: **1**

Checked: **L1**

Date:
APRIL 6, 2015

Project Number:
557-380

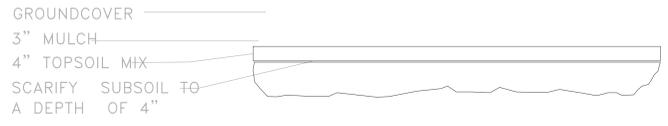
Building Number:
1

File Name:

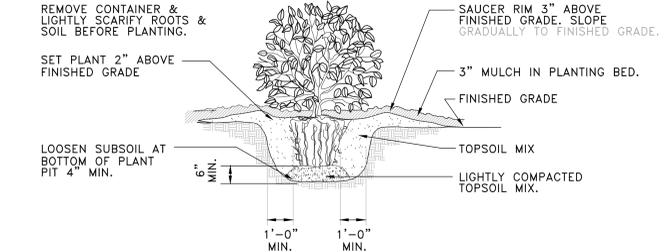
Const. Contract No.:

Drawing No.:
L1

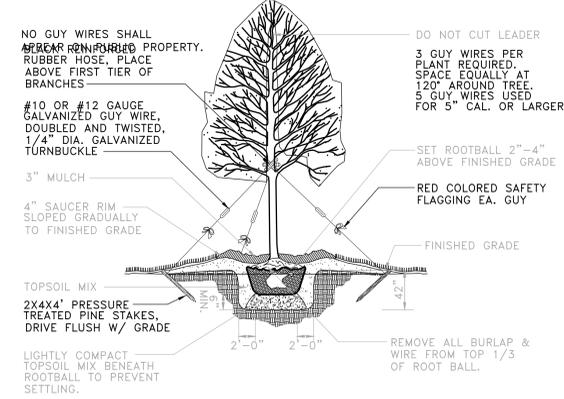
U.S. Department of Veterans Affairs



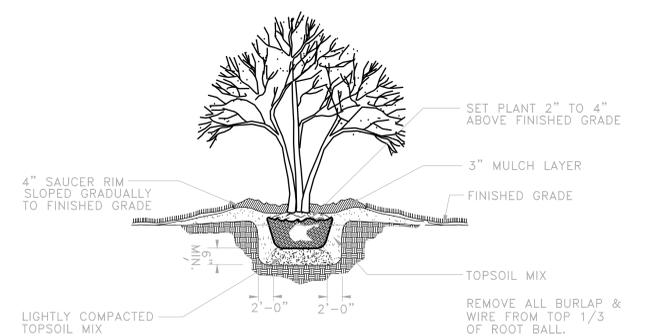
GROUND COVER



SHRUB



SHADE TREE



FLOWERING 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

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

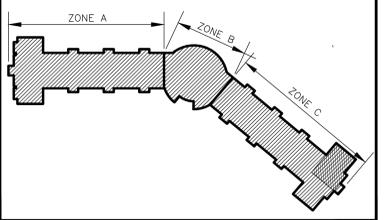
SYMBOLS LEGEND

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: GEORGIA REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
ALLAN HANSEN

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
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
5. SERVICE LINE MGRS.	10. COR

Drawing Title: **LANDSCAPE DETAILS**

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

Project Phase: **BID DOCUMENTS - 100%**

Building Number: **1**

File Name:

Const. Contract No.:

FULLY SPRINKLERED

Date: **APRIL 6, 2015**

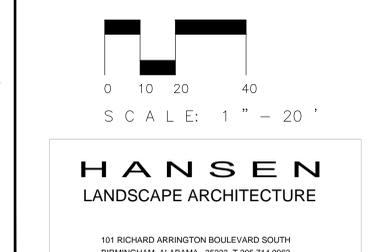
Project Number: **557-380**

Drawing No.: **L2**

U.S. Department of Veterans Affairs

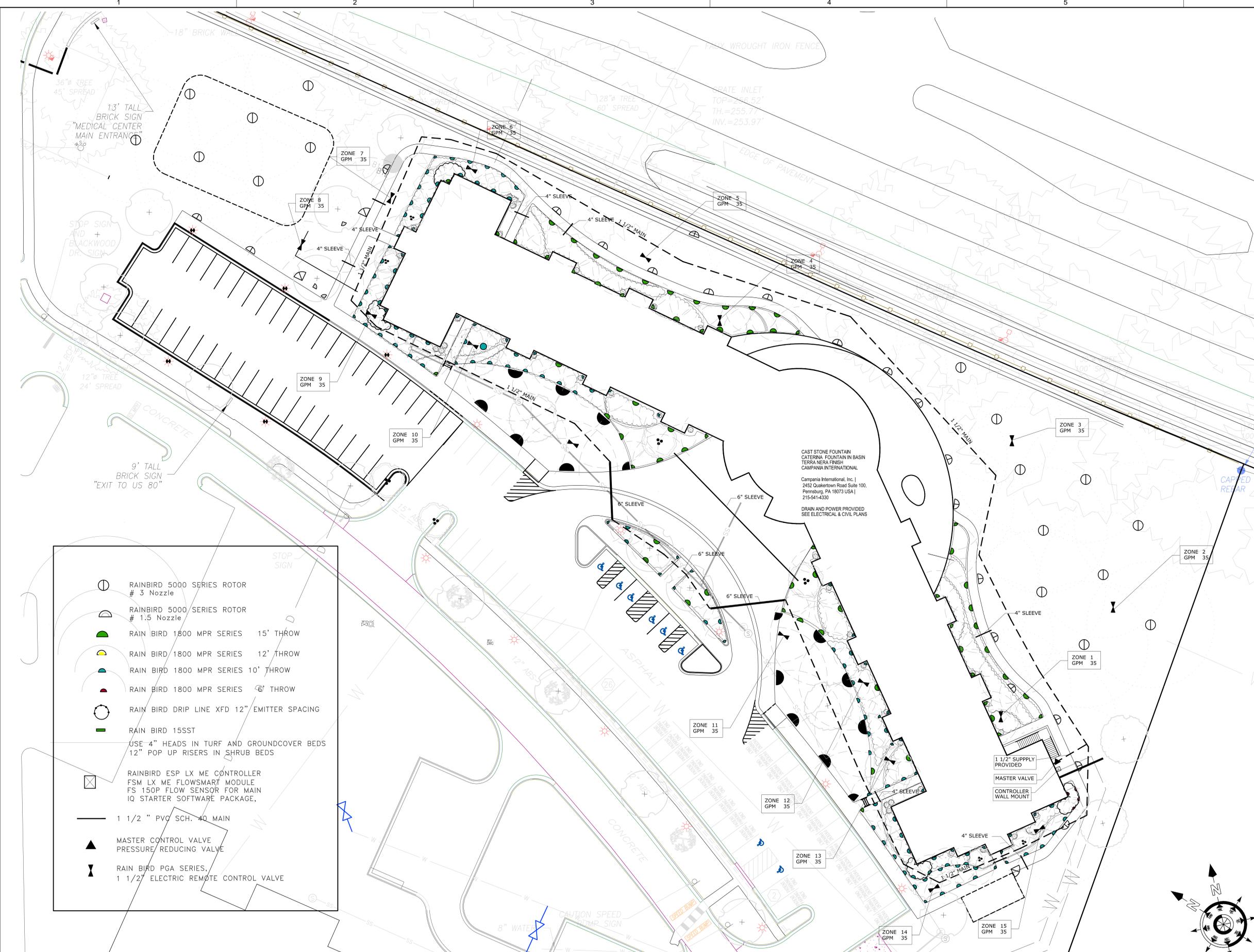
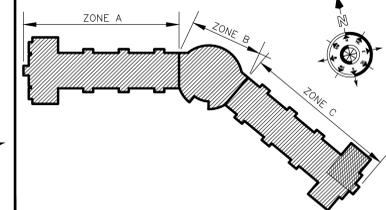
GENERAL SHEET NOTES

SYMBOLS LEGEND



COORDINATION DRAWINGS

KEY PLAN



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

CAST STONE FOUNTAIN
CATERINA FOUNTAIN IN BASIN
TERRAZZO FINISH
CAMPANIA INTERNATIONAL
Campania International, Inc. |
2452 Quakerstown Road Suite 100,
Pennsburg, PA 18073 USA |
215-541-4330
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SEE ELECTRICAL & CIVIL PLANS

No.	Description	Date

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P 704.814.1320
F 704.321.0833
HDG PROJECT: 14004

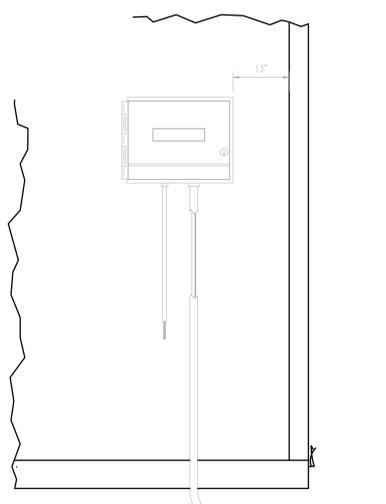
Recommended Approvals:	
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Drawing Title:
IRRIGATION PLAN
Project Phase:
BID DOCUMENTS - 100%
FULLY SPRINKLERED

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**

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 three eighths inch = one foot
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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 PERMEABILITY RATES

SOIL TYPE	PERMEABILITY RATE
SANDY LOAM	1.7" PER HOUR
SILTY LOAM	1.0" PER HOUR
CLAY	.2" PER HOUR

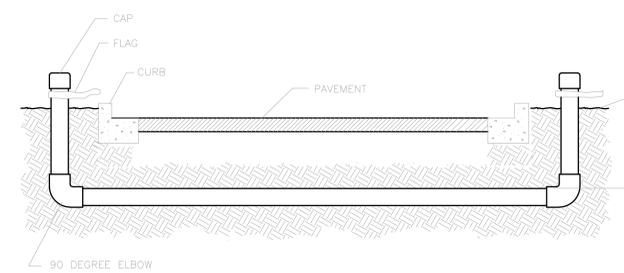
WATER DATA

- ⊙ 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



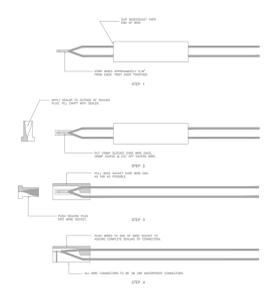
NOTE: EACH CURB ON BOTH SIDES OF STREET ARE TO BE NOTCHED AND PAINTED FOR SLEEVE LOCATION

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"

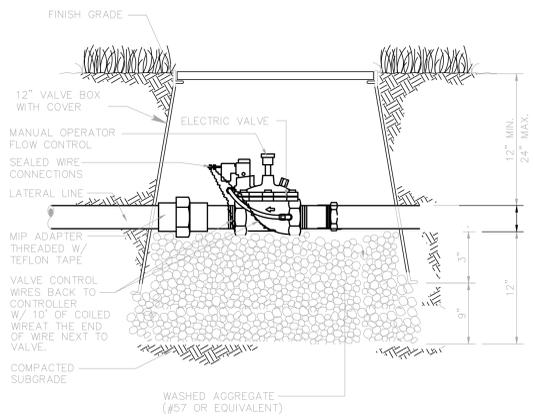
SLEEVE DETAIL

- 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"



WIRING DETAIL



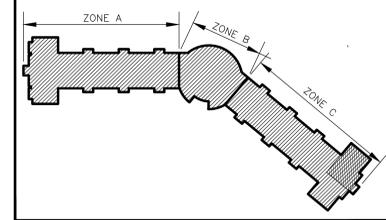
CONTROL VALVE

GENERAL SHEET NOTES

SYMBOLS LEGEND

COORDINATION DRAWINGS

KEY PLAN



Revisions:

No.	Description	Date

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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
 Project Number:
 557-380
 Building Number:
 1
 Const. Contract No.:

Date:
 APRIL 6, 2015
 Drawing No.:
L4

U.S. Department of Veterans Affairs