

DIMENSION	A	B	C
1/2" TO 2 1/2" IN SIZE	18"	12"	4"
3" TO 6" IN SIZE	24"		4"

SECTION VIEW - N.T.S.

NOTE:

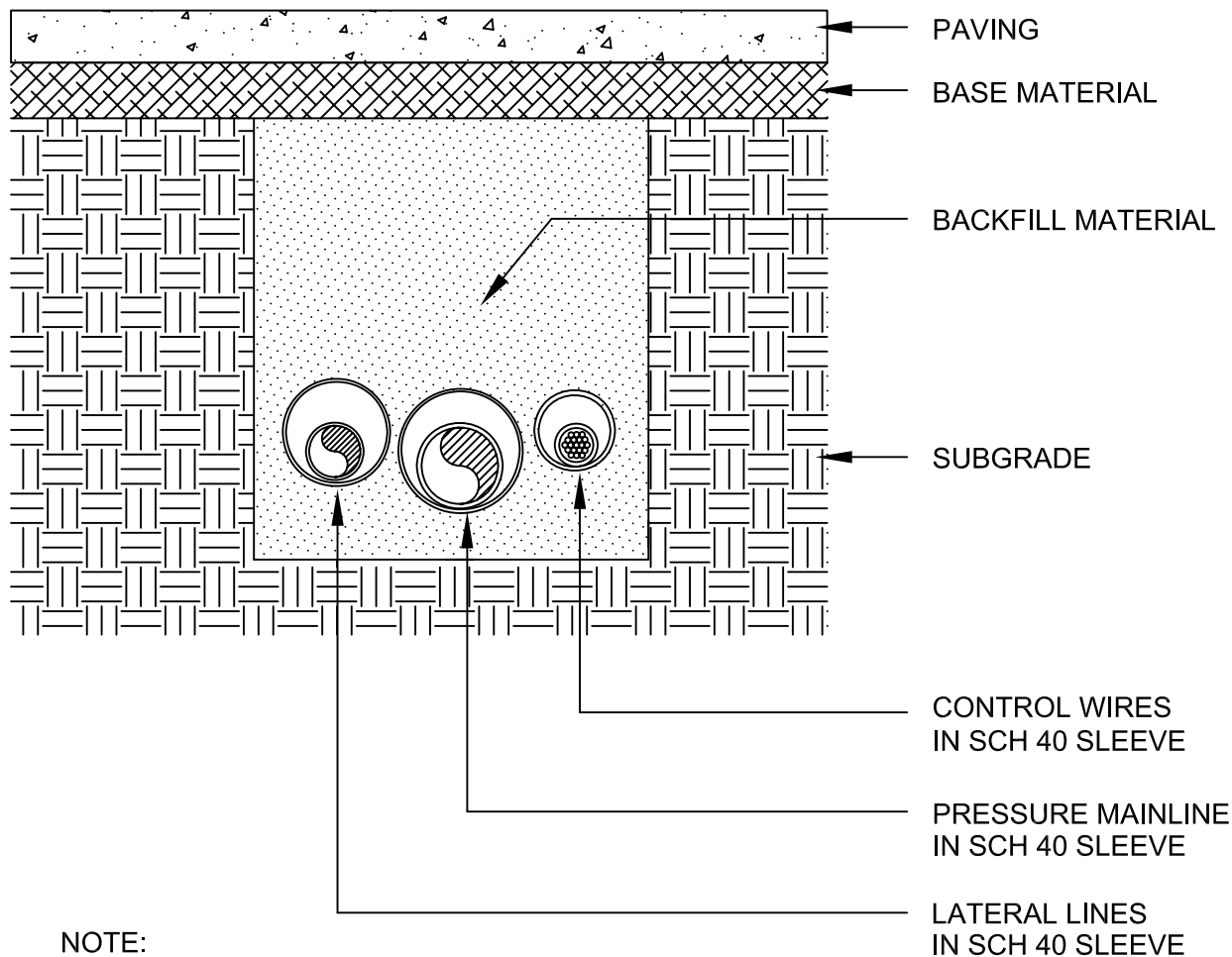
ALL PLASTIC PIPING SHALL BE SNAKED WITHIN TRENCH.

BUNDLE WIRING AND WRAP WITH TAPE AT TEN FOOT INTERVALS.

ALL MAINLINE PIPING TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' INSTALLATION SPECIFICATIONS.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	PIPE AND WIRE TRENCHING	500
	<i>Mark L. Carroll</i>	
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



NOTE:


ALL PIPING TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' INSTALLATION SPECIFICATIONS.

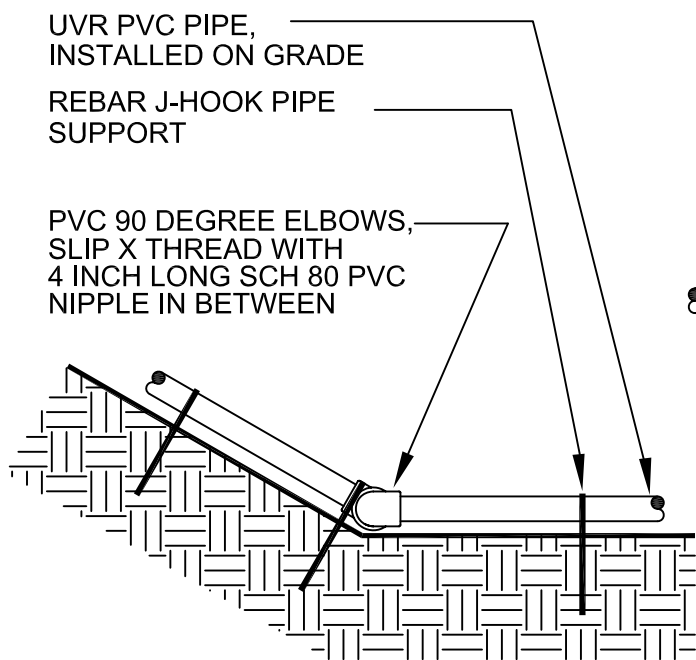
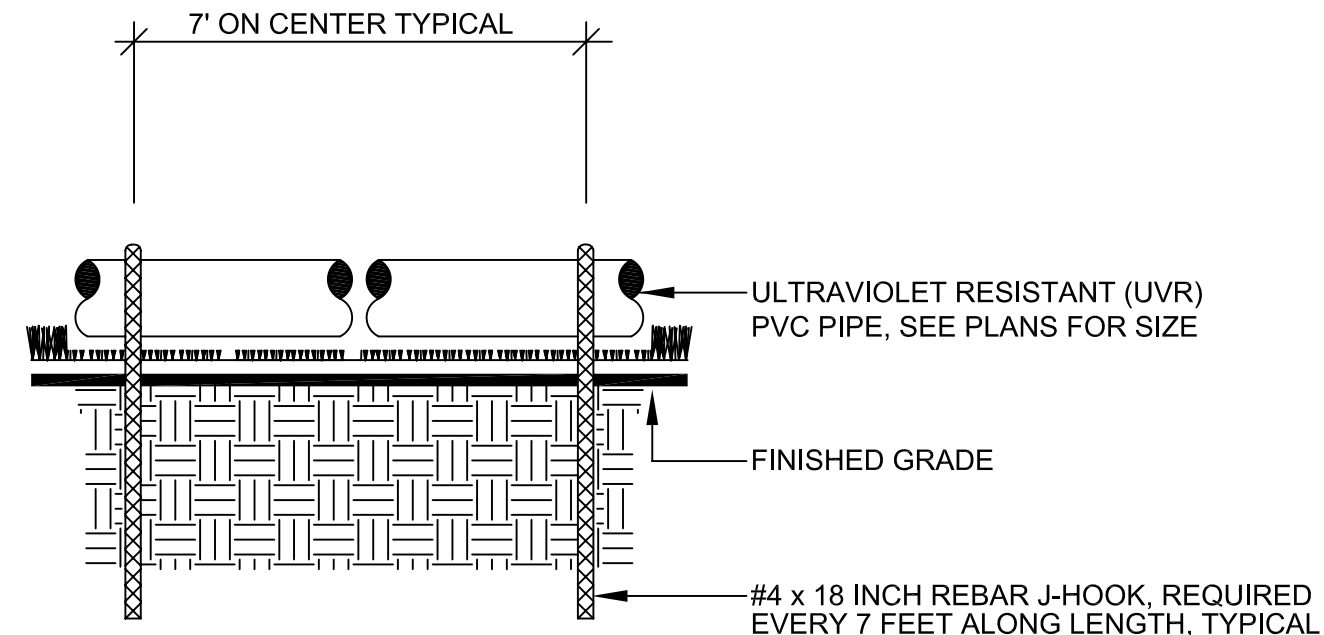
ALL MAINLINE, LATERAL LINES, AND CONTROL WIRES SHALL BE SLEEVED BELOW ALL HARDSCAPE ELEMENTS WITH SCH 40 PVC, 2 TIMES THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.

DEPTH OF SLEEVES, BACKFILL, AND COMPACTION OF TRENCH SHALL BE IN ACCORDANCE WITH STANDARD PLAN NO. 223 FOR CROSSINGS OF STREETS AND SHALL BE IN ACCORDANCE WITH STANDARD PLAN NO. 500 FOR CROSSINGS OF PARKING LOTS, SIDEWALKS, OR OTHER HARDSCAPE ELEMENTS.

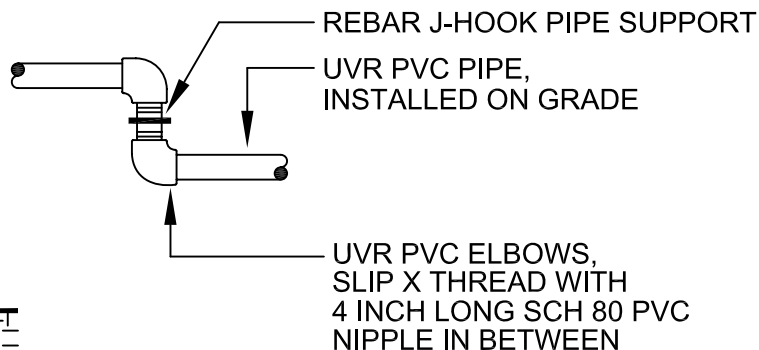
HORIZONTAL DIMENSION BETWEEN SLEEVES SHALL BE A MINIMUM OF 4 INCHES.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	SLEEVE TRENCHING	501
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



SLOPE DIRECTION CHANGE
SECTION VIEW - N.T.S.

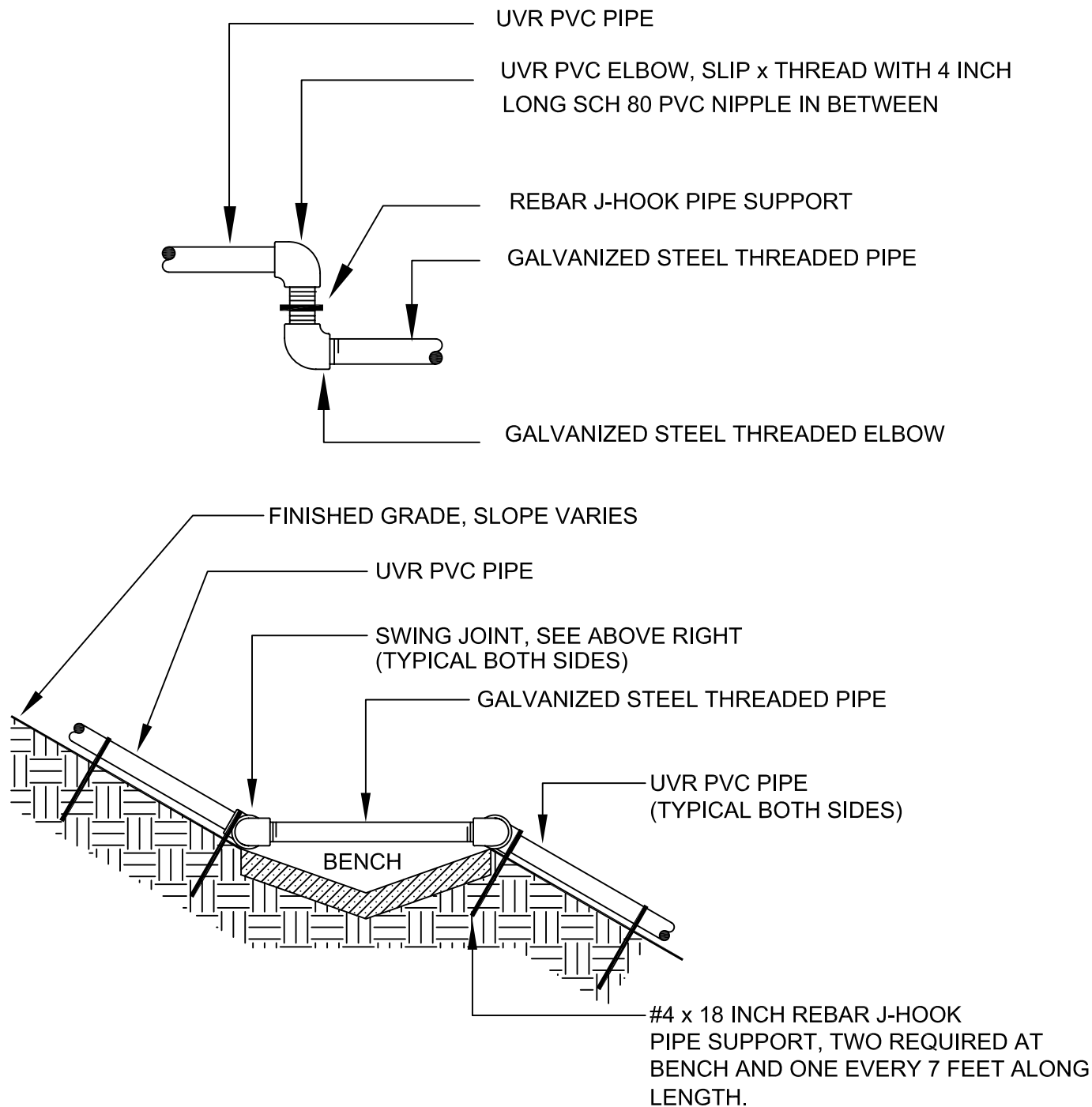


SLOPE DIRECTION CHANGE
PLAN VIEW - N.T.S.

NOTE:
ALL PVC PIPE AND FITTINGS INSTALLED ON GRADE TO BE ULTRAVIOLET RESISTANT (UVR).
USE TEFLON TAPE ON THREADED FITTINGS.


©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States, and shall be used only on projects under the jurisdiction of the agency listed below.

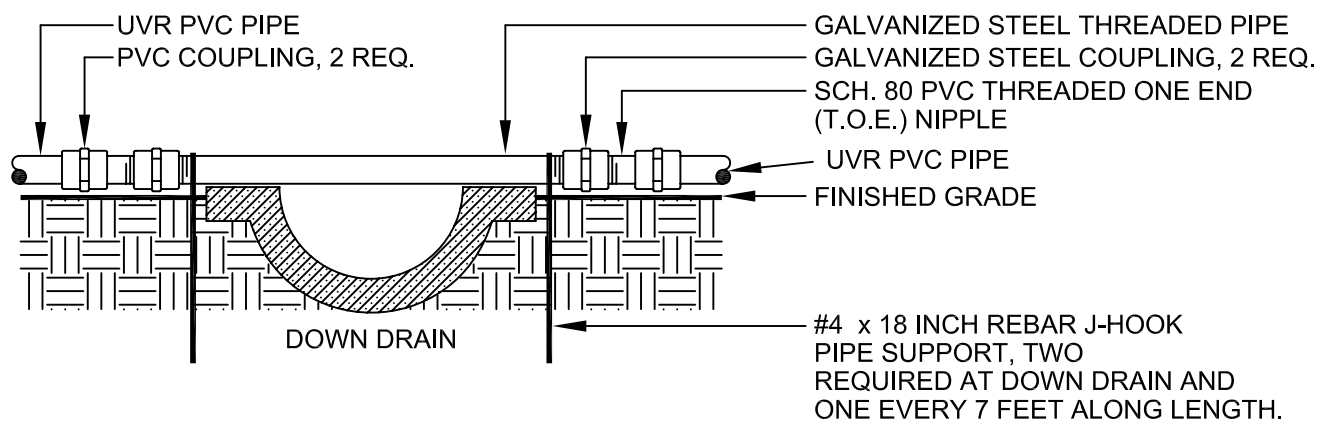
REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	PIPE INSTALLED ON GRADE	502
	<i>Mark L. Carroll</i>	
Approved by:	Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



NOTE:
 ALL PVC PIPE AND FITTINGS INSTALLED ON GRADE SHALL BE ULTRAVIOLET RESISTANT (UVR).
 USE TEFLON TAPE ON THREADED FITTINGS.


©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

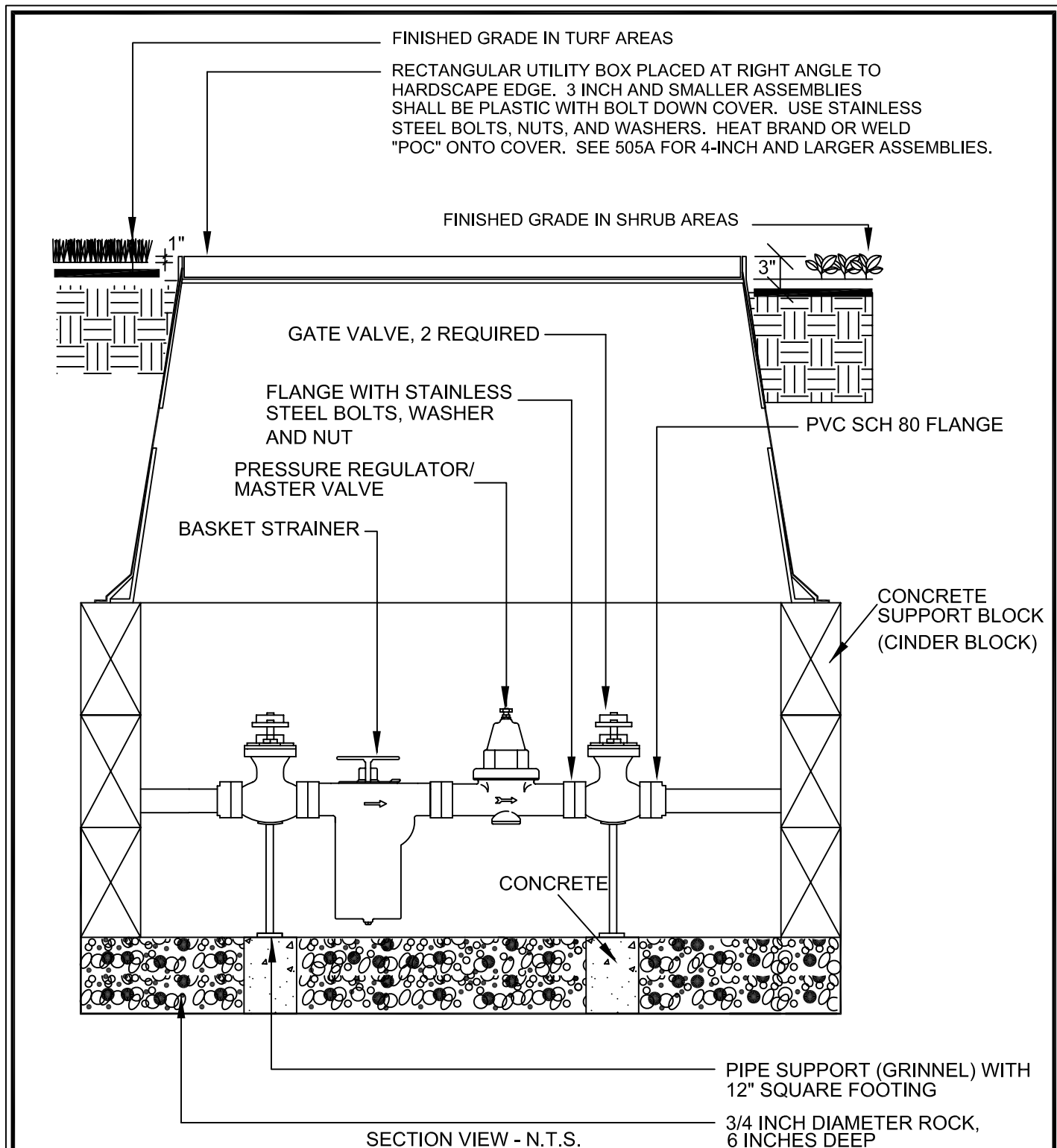
REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	PIPE CROSSING BENCH DRAIN	503
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



NOTE:
ALL PVC PIPE AND FITTINGS INSTALLED ON GRADE SHALL BE ULTRAVIOLET RESISTANT (UVR).
USE TEFLON TAPE ON THREADED FITTINGS.

© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

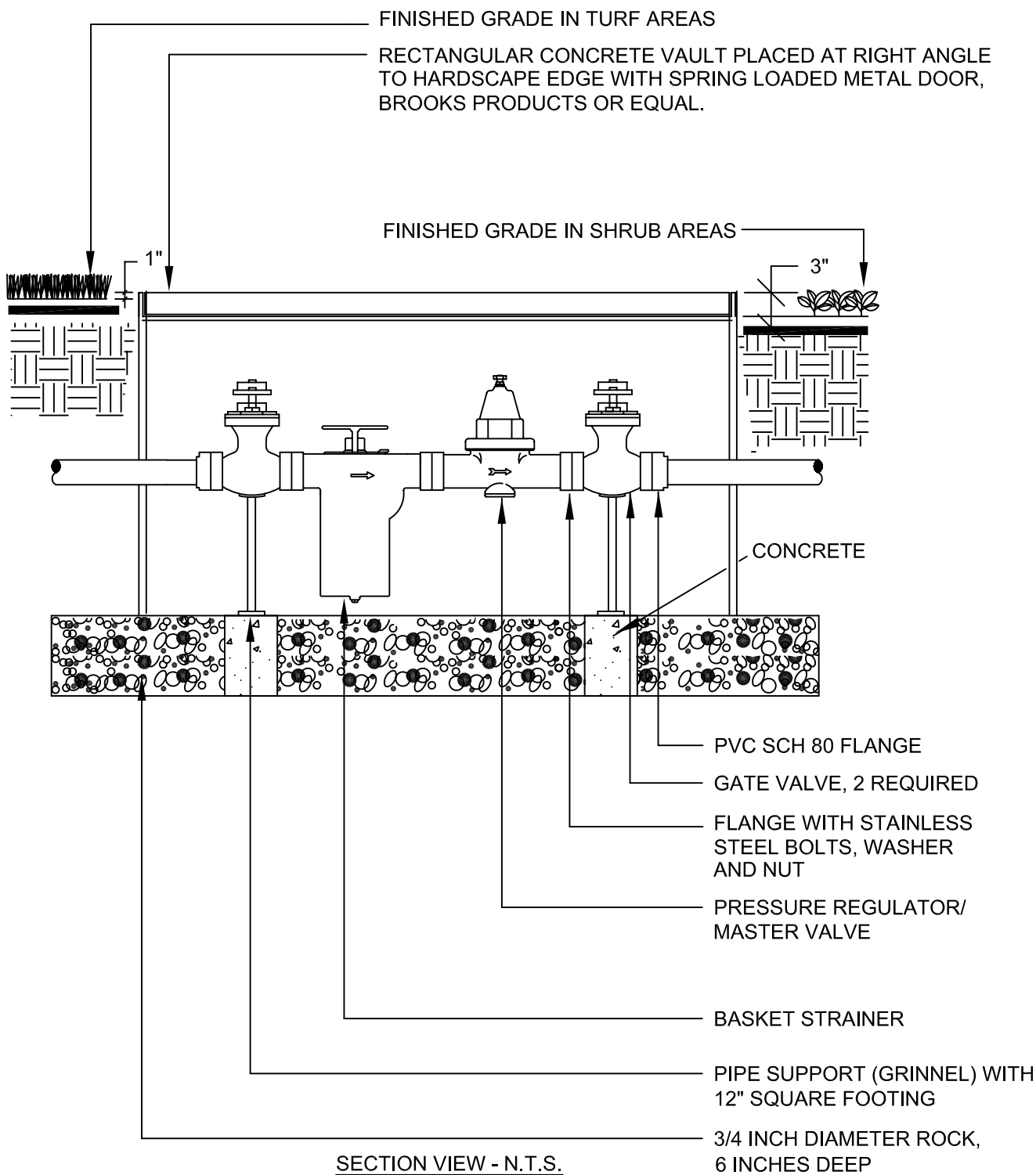
REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	PIPE CROSSING DOWN DRAIN	504
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



NOTE:
WRAP LANDSCAPE FABRIC AROUND SIDES AND BOTTOM OF BOX TO COVER ALL OPENINGS.

© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

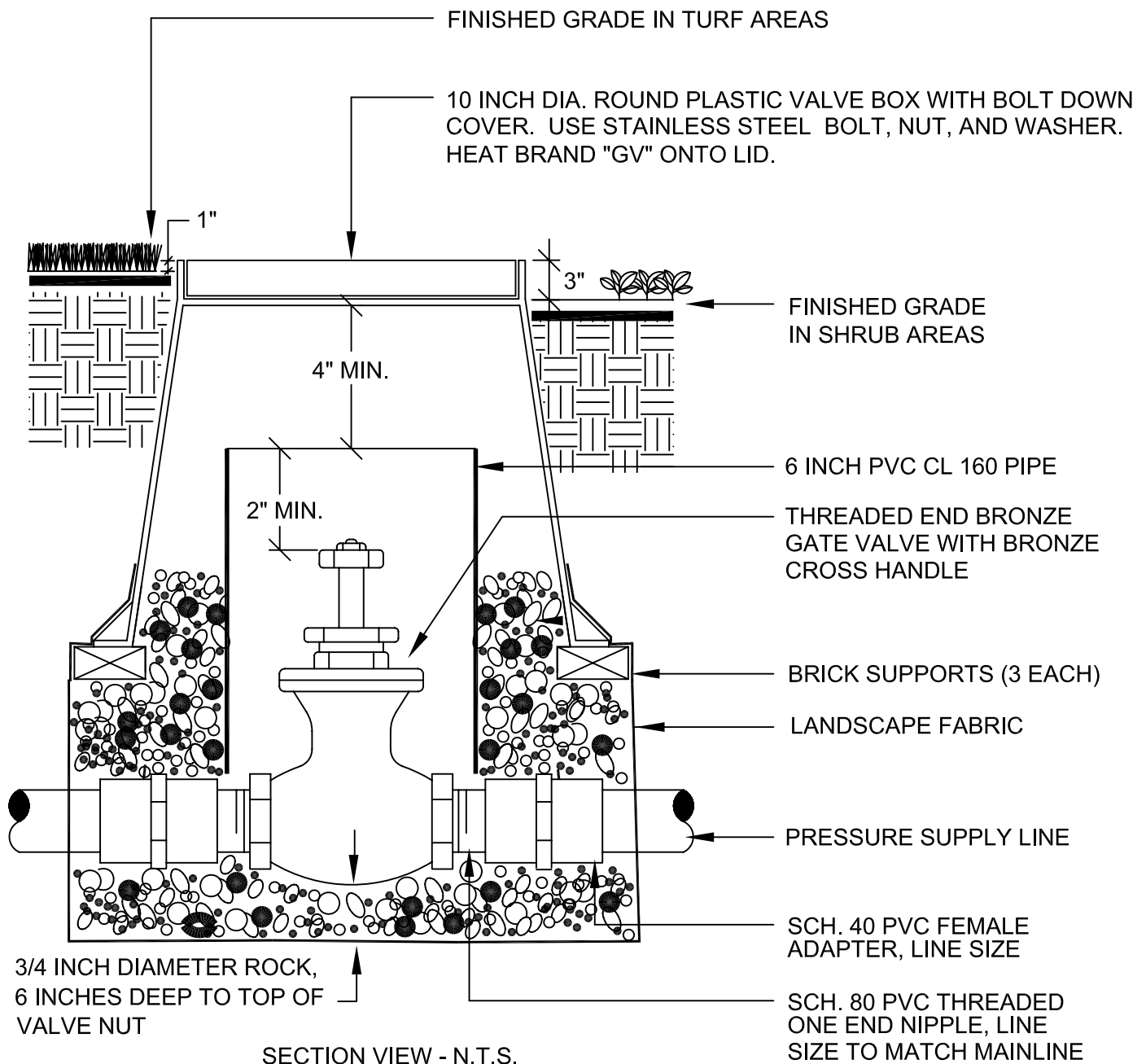
REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	STRAINER / PRESSURE REDUCING VALVE	505
	3" AND SMALLER ASSEMBLY	
Approved by:	Mark L. Carroll R.C.E. 31515 City Engineer <i>MLC</i>	Date: 6-22-09
		Sheet 1 of 1



NOTE:
WRAP LANDSCAPE FABRIC AROUND SIDES AND BOTTOM OF BOX TO COVER ALL OPENINGS.

© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	STRAINER / PRESSURE REDUCING VALVE	505A
	4" AND LARGER ASSEMBLY	
Approved by:	Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	<i>[Signature]</i>	Date 6-22-09




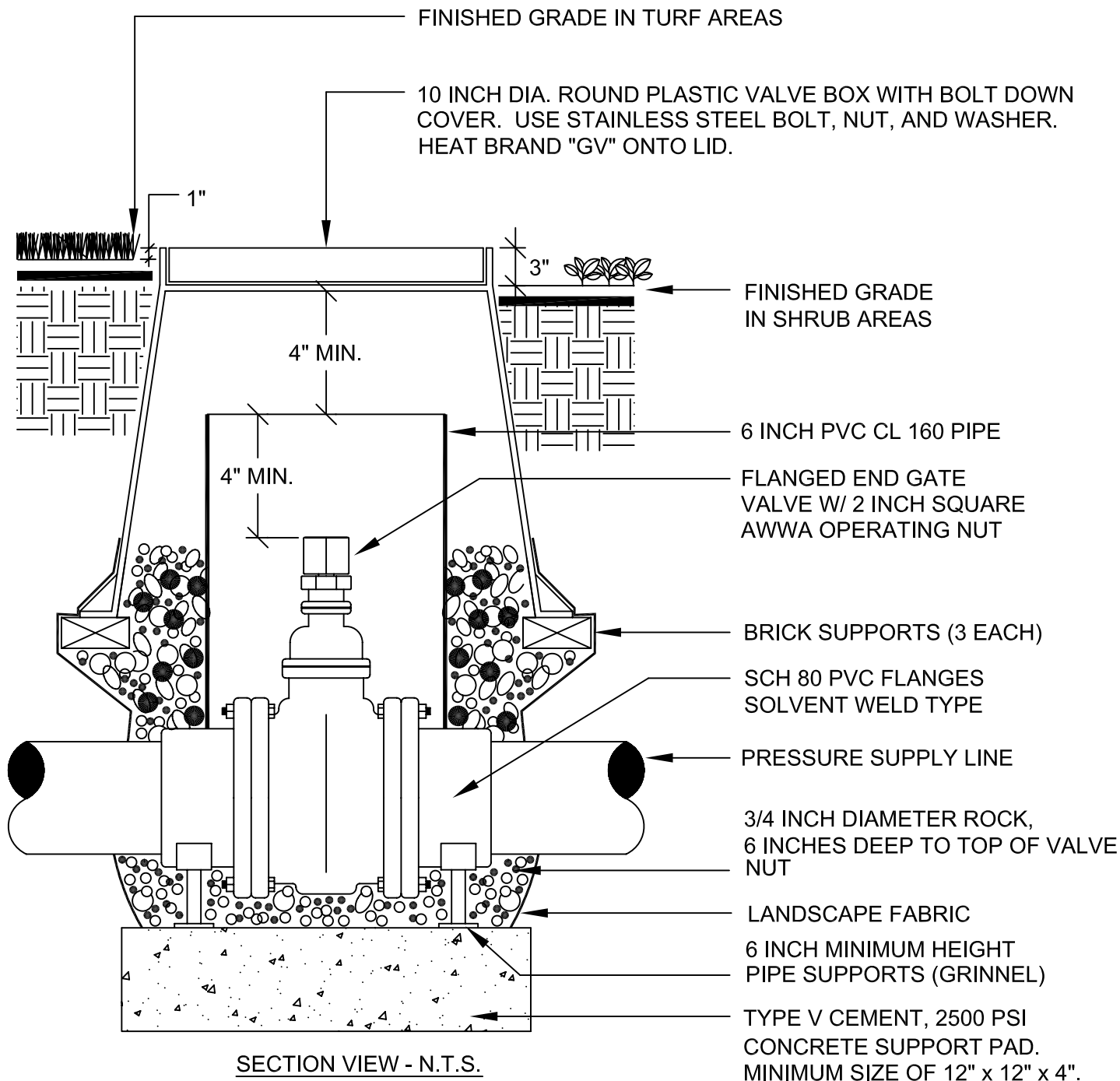
NOTE:

INSTALL VALVE BOX AND PIPE EXTENSION AS REQUIRED TO ACHIEVE PROPER VALVE INSTALLATION AT MAIN LINE DEPTH.

WRAP LANDSCAPE FABRIC AROUND SIDES AND BOTTOM OF BOX TO COVER ALL OPENINGS.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	GATE VALVE 2 INCHES & SMALLER	506
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	




NOTE:

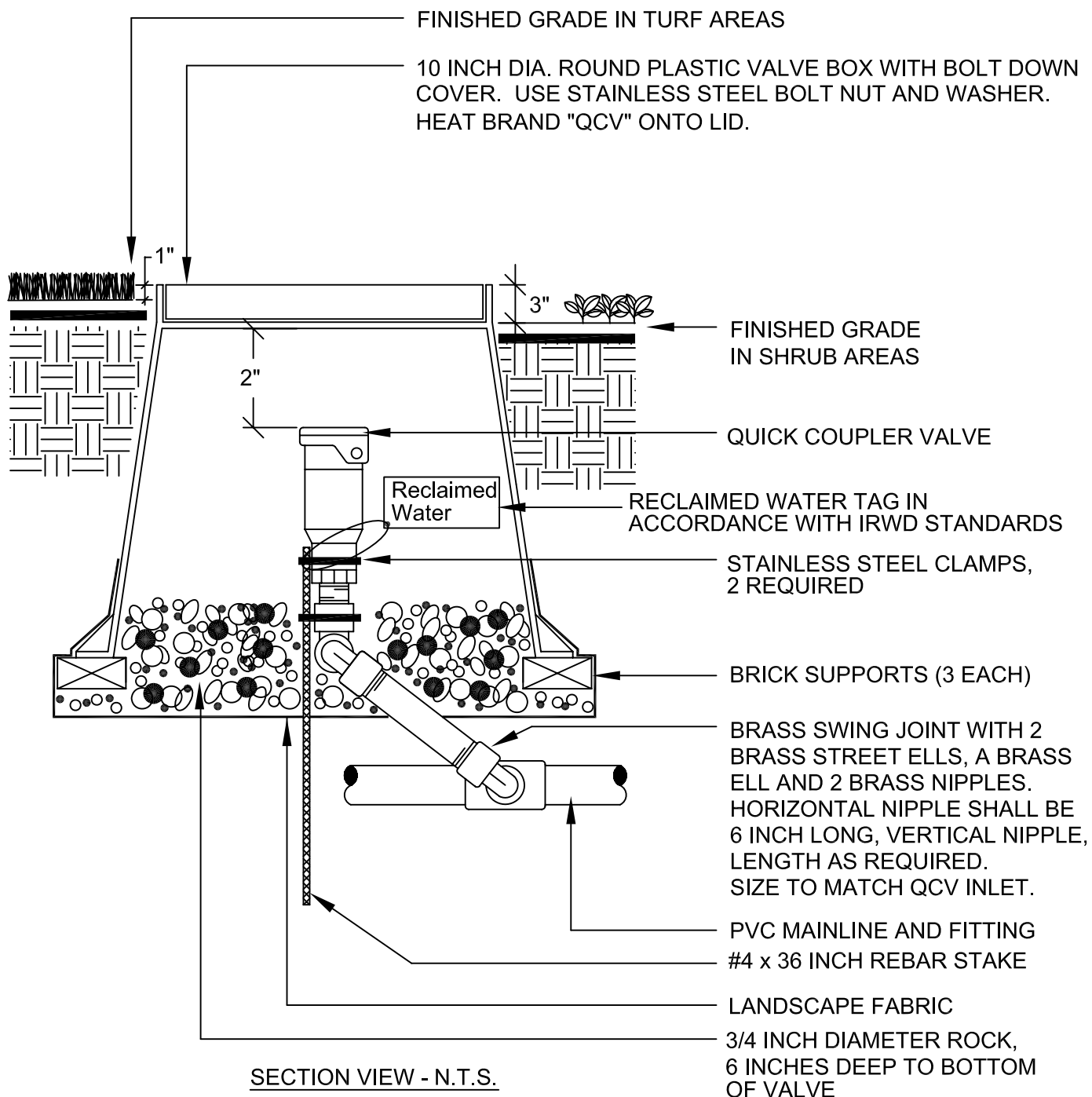
CONTRACTOR TO PROVIDE ONE 5 FOOT LONG TEE WRENCH WITH SQUARE NUT ADAPTER FOR THE OPERATION OF GATE VALVES.

INSTALL VALVE BOX AND PIPE EXTENSION AS REQUIRED TO ACHIEVE PROPER VALVE INSTALLATION AT MAIN LINE DEPTH.

WRAP LANDSCAPE FABRIC AROUND SIDES AND BOTTOM OF BOX TO COVER ALL OPENINGS.


©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

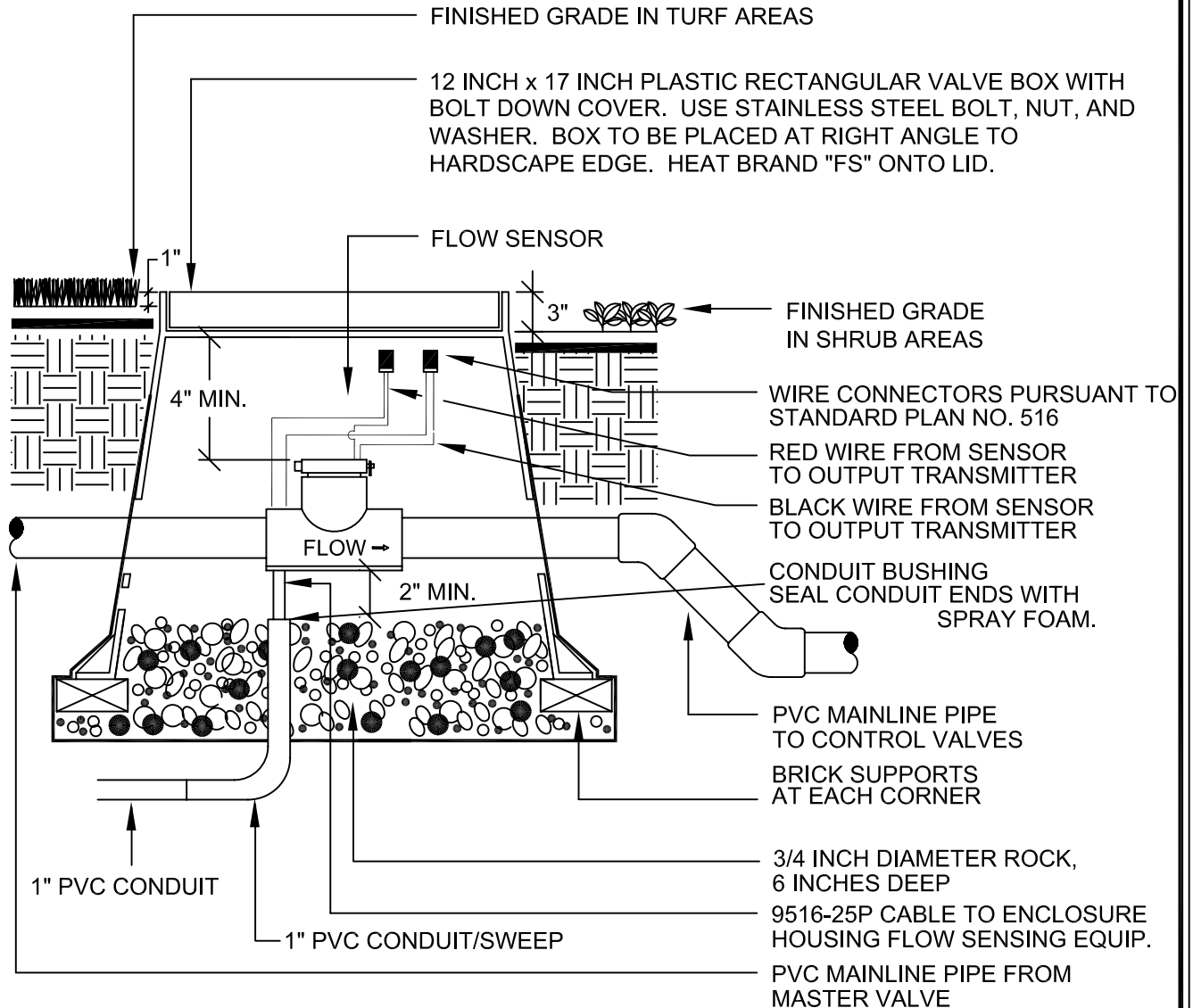
REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	GATE VALVE 2 1/2 INCHES AND LARGER	507
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



NOTE:
 USE TEFLON TAPE ON ALL THREADED FITTINGS.
 QUICK COUPLER KEY MUST CLEAR VALVE BOX.
 WRAP LANDSCAPE FABRIC AROUND SIDES AND BOTTOM OF BOX TO COVER ALL OPENINGS.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	QUICK COUPLER VALVE IN BOX	508
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



SECTION VIEW - N.T.S.

NOTE:

INSTALL FLOW SENSOR PURSUANT TO THE MANUFACTURER'S RECOMMENDATIONS AND WIRE TRANSMITTER TO THE IRRIGATION CONTROLLER.

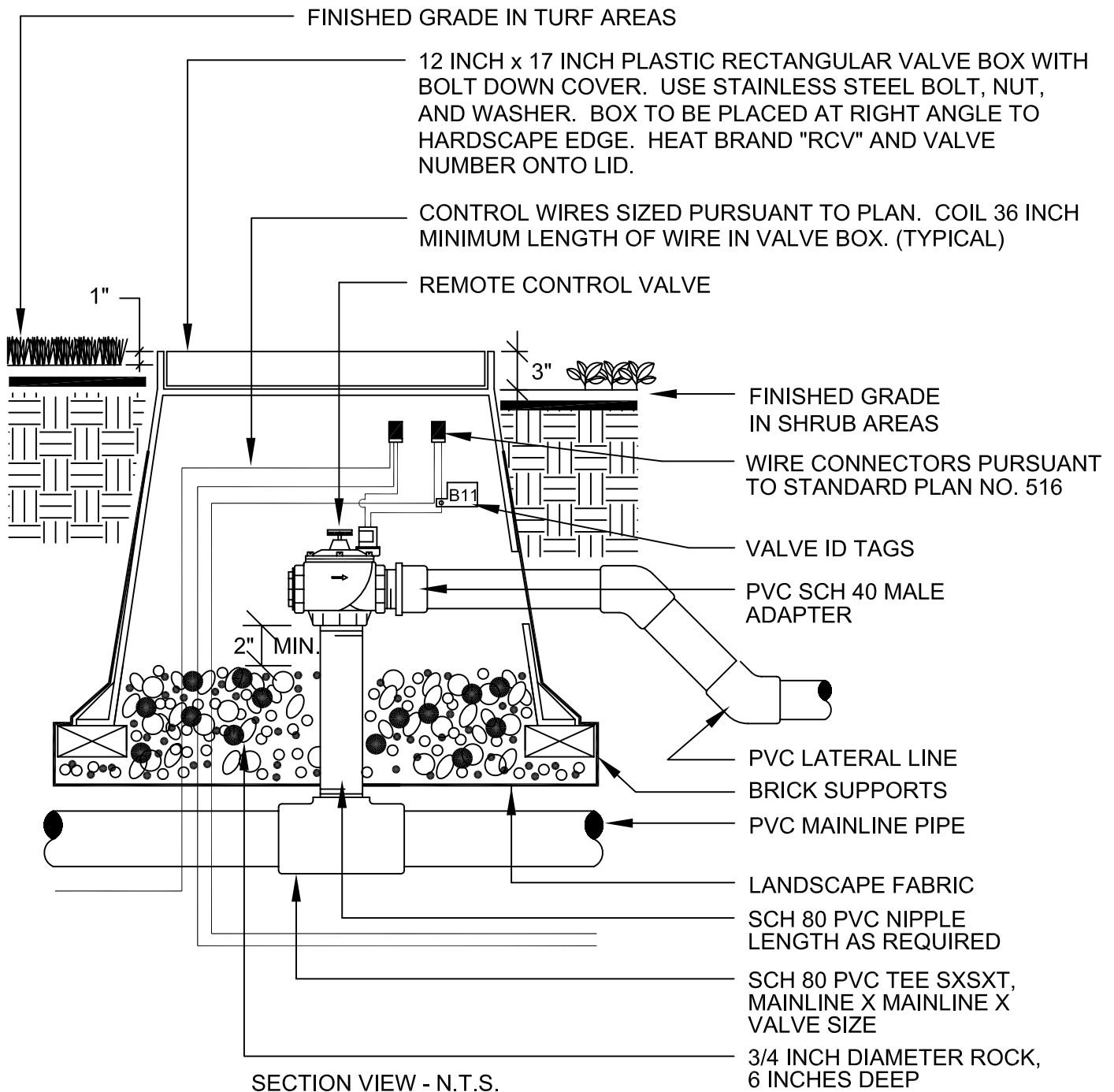
THE MAINLINE PIPE SHALL NOT CHANGE SIZE OR DIRECTION CLOSER THAN 5 FEET UPSTREAM OR 3 FEET DOWNSTREAM OF THE FLOW SENSOR.

USE 45 DEGREE ELLS TO ACHIEVE MAINLINE DEPTH ON THE DOWNSTREAM SIDE OF THE FLOW SENSOR.

WRAP LANDSCAPE FABRIC AROUND SIDES AND BOTTOM OF BOX TO COVER ALL OPENINGS.

© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	FLOW SENSOR	509
	<i>Mark L. Carroll</i>	
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	
	Date: 6-22-09	Sheet 1 of 1



NOTE:

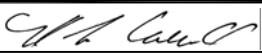
INSTALL CONTROL VALVES A MINIMUM OF TWO FEET APART IN SHRUB AREAS UNLESS OTHERWISE NOTED.

INSTALL CHRISTY'S MODEL #3800 RECLAIMED WATER IDENTIFICATION NAME PLATES TO THE LID OF EACH RECLAIMED WATER VALVE BOX.

USE TEFLON TAPE ON THREADED FITTINGS.

WRAP LANDSCAPE FABRIC AROUND SIDES AND BOTTOM OF BOX TO COVER ALL OPENINGS.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	ANGLE REMOTE CONTROL VALVE	510
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	

SATELLITE WITHOUT CCU (TYPICAL)

FLOW SENSOR W/ SENSOR CABLE

CONTROL VALVES W/ DIRECT BURIAL WIRE

MAXI-WIRE COMMUNICATION
CABLE IN CONDUIT

SATELLITE WITH
CCU AS PART OF
ASSEMBLY

CONTROLLERS AND ENCLOSURES
FOR SCHEMATIC DRAWING CLARITY
ONLY. REFER TO THE CONTROLLER
DETAILS FOR ACTUAL INSTALLATION.

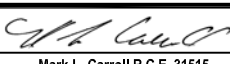
TO ELECTRICAL
SERVICE

TO PHONE SERVICE

COMMUNICATION CABLE
TO OTHER SATELLITES
IN CONDUIT

TO ELECTRICAL SERVICE

© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	CONTROLLER SCHEMATIC	511
		
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	

STAINLESS STEEL ENCLOSURE,
24 INCH WIDE FRONT ENTRY, WALL
MOUNT TYPE. (IN A SECURE
LOCATION, ENCLOSURE MAY
NOT BE REQUIRED. VERIFY
LOCATION WITH CITY INSPECTOR.)

SATELLITE
CONTROLLER

GFCI TYPE
POWER SWITCH
AND RECEPTACLE

TERMINAL STRIP
FOR VALVE
WIRES

FLOW SENSOR OUTPUT
TRANSMITTER WITH PULSE
DECODER AND SENSOR
DECODERS AS REQUIRED

CLUSTER CONTROL UNIT
6 OR 28 CHANNEL AS
INDICATED ON LEGEND

STAINLESS STEEL, U.L.
LISTED, PREDRILLED,
REMOVABLE BACKBOARD

BUILDING
WALL, BY
OTHERS

48"

1 INCH MIN. PVC CONDUIT/SWEEP
FOR ELECTRICAL SERVICE

1 INCH PVC CONDUIT/SWEEP
FOR TELEPHONE SERVICE
CONDUIT CONNECTIONS
AS REQUIRED

BUILDING FOUNDATION
BY OTHERS, COORDINATE
CONDUIT ROUTING

1 1/4 INCH PVC CONDUIT/SWEEP
FOR COMMUNICATION CABLE
TO OTHER SATELLITES

3 INCH MIN. PVC CONDUIT/SWEEP
FOR CONTROL WIRES TO VALVES

1 INCH PVC CONDUIT/SWEEP
FOR FLOW SENSOR CABLE


12"
MIN.

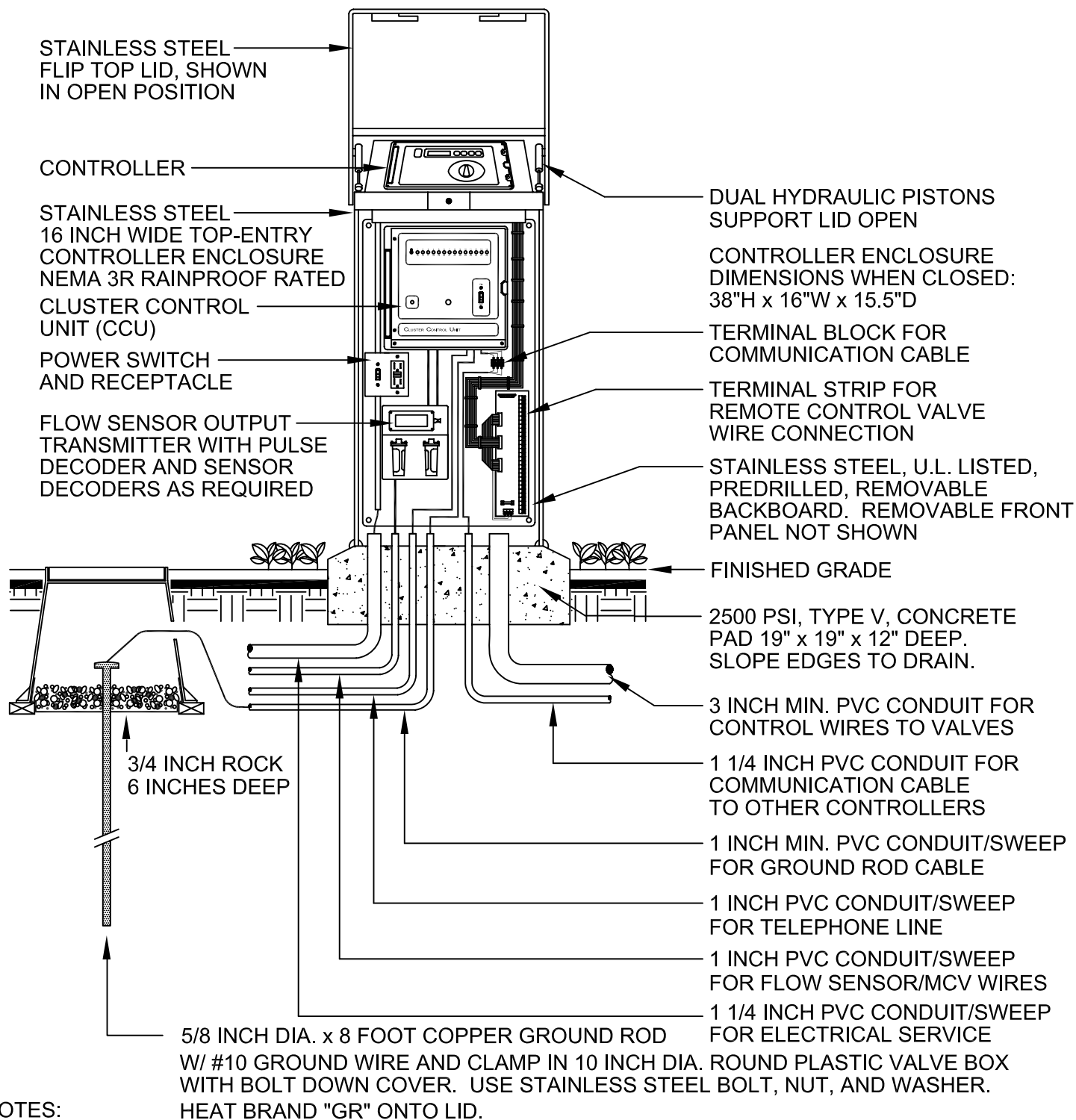
NOTES:

ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE
CALIFORNIA ELECTRICAL CODE.

CONTROLLER, ENCLOSURE, AND ALL OF THE REQUIRED COMPONENTS
SHALL BE PART OF A PRE-ASSEMBLED SATELLITE ASSEMBLY.

© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	SATELLITE CONT. W/ CCU, INTERIOR INSTALLATION	512
		
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date 6-22-09	



NOTES:

HEAT BRAND "GR" ONTO LID.

ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE. CONTROLLER, ENCLOSURE, AND ALL OF THE REQUIRED COMPONENTS SHALL BE PART OF A PRE-ASSEMBLED SATELLITE ASSEMBLY.

PROVIDE A SEPARATE 5/8 INCH DIA x 8 FOOT COPPER GROUND ROD, WIRE, AND CLAMP INSIDE CABINET FOR ELECTRICAL SERVICE PURSUANT TO THE CALIFORNIA ELECTRICAL CODE.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	CONTROLLER / CCU, EXTERIOR INSTALLATION	513
	<i>Mark L. Carroll</i>	
Approved by:	Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	

STAINLESS STEEL ENCLOSURE,
18 INCH WIDE FRONT ENTRY, WALL
MOUNT TYPE. (IN A SECURE
LOCATION, ENCLOSURE MAY
NOT BE REQUIRED. VERIFY
LOCATION WITH CITY INSPECTOR.)

SATELLITE
CONTROLLER

GFCI TYPE
POWER SWITCH
AND RECEPTACLE

TERMINAL STRIP
FOR VALVE
WIRES

FLOW SENSOR OUTPUT
TRANSMITTER WITH PULSE
DECODER AND SENSOR
DECODERS AS REQUIRED

STAINLESS STEEL, U.L.
LISTED, PREDRILLED,
REMOVABLE BACKBOARD

BUILDING
WALL, BY
OTHERS

48"

1 INCH PVC CONDUIT FOR
ELECTRICAL SERVICE

CONDUIT CONNECTIONS
AS REQUIRED

BUILDING FOUNDATION
BY OTHERS, COORDINATE
CONDUIT ROUTING

12"
MIN.

1 INCH PVC CONDUIT FOR
FLOW SENSOR CABLE

3 INCH MIN. PVC CONDUIT FOR
CONTROL WIRES TO VALVES


1 1/4 INCH PVC CONDUIT FOR
COMMUNICATION CABLE
TO CLUSTER CONTROL UNIT

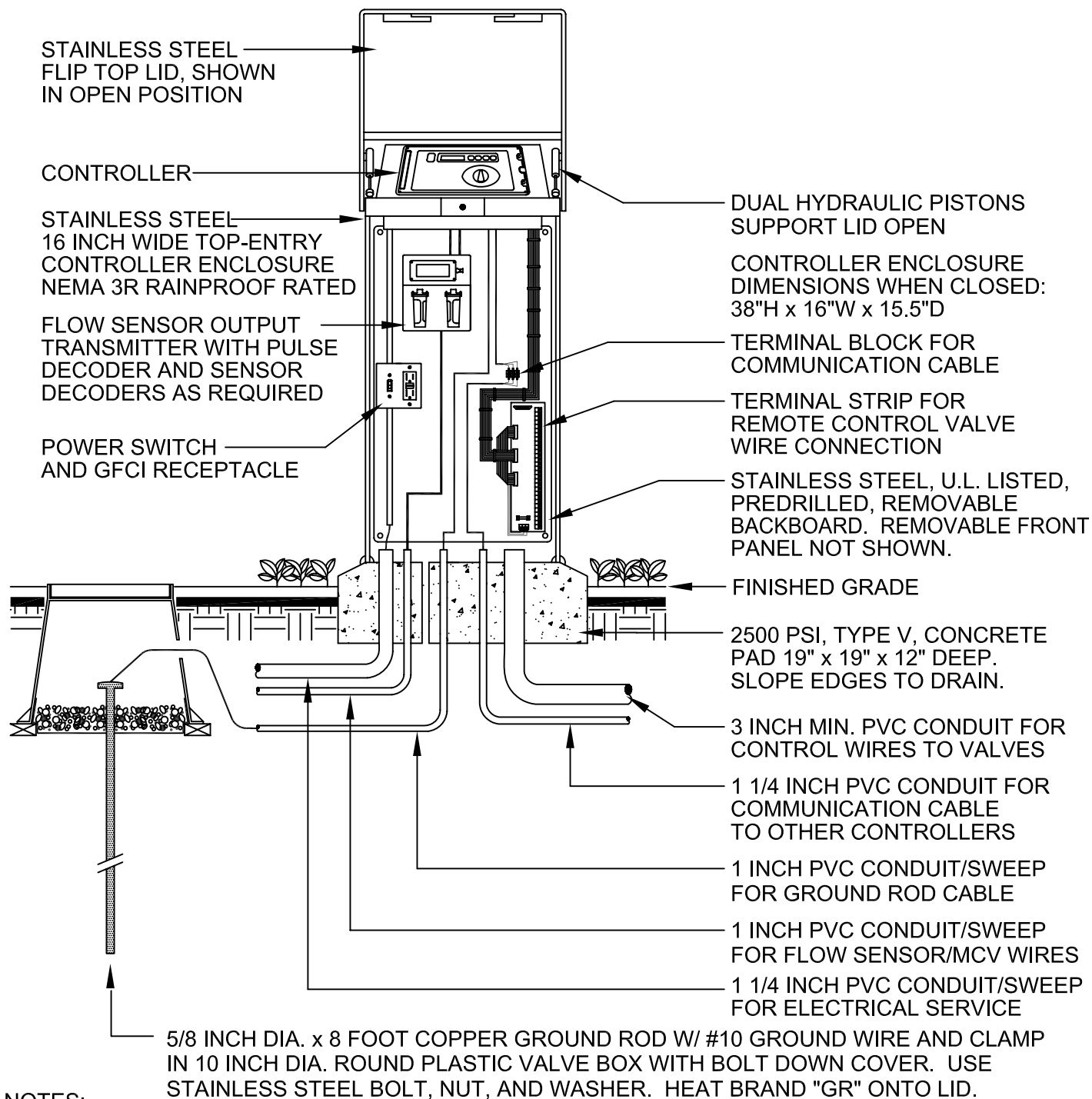
NOTES:

ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE
CALIFORNIA ELECTRICAL CODE.

CONTROLLER, ENCLOSURE, AND ALL OF THE REQUIRED COMPONENTS
SHALL BE PART OF A PRE-ASSEMBLED SATELLITE ASSEMBLY.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	SATELLITE CONTROLLER, INTERIOR INSTALLATION	514
		
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	




NOTES:

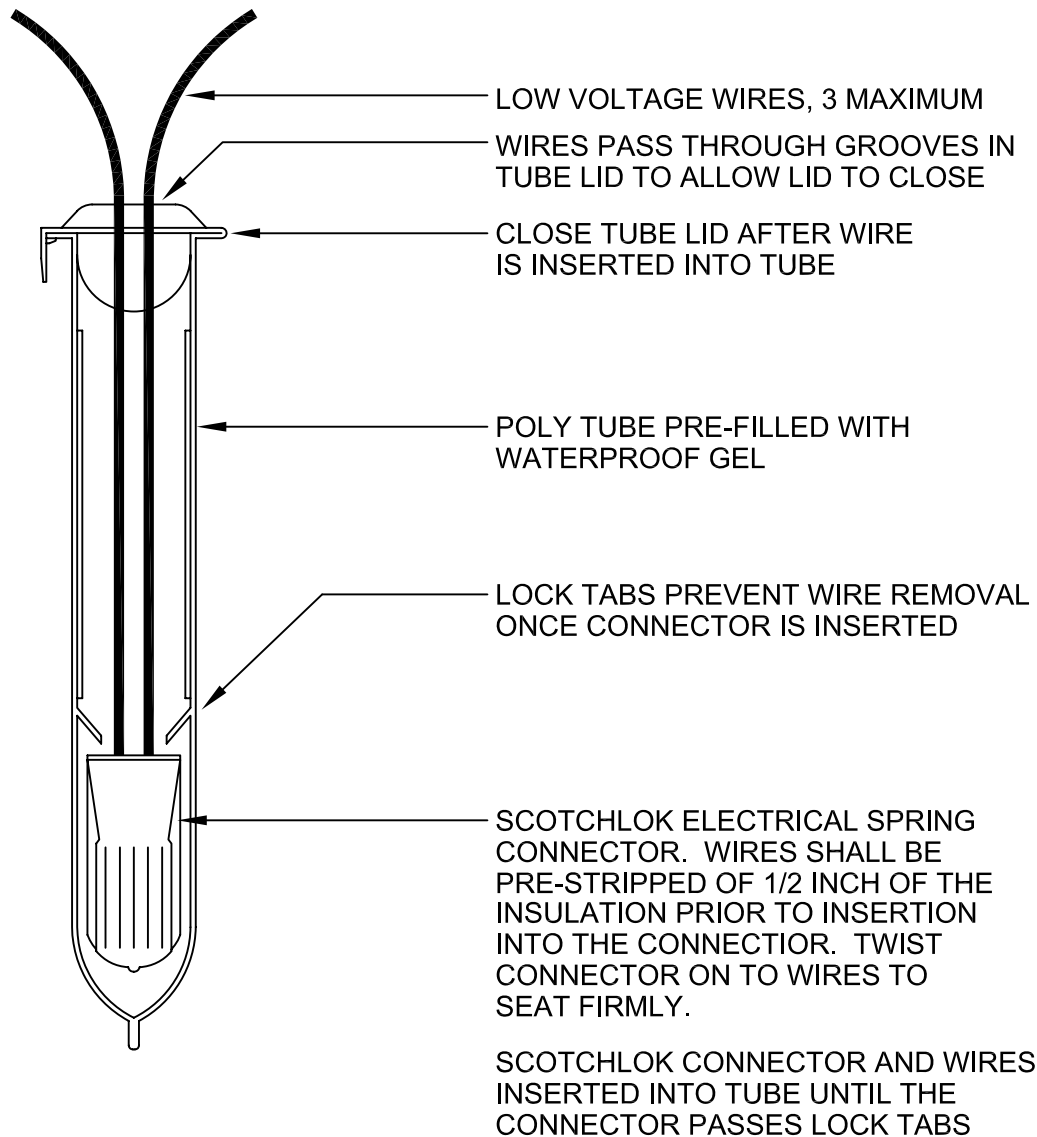
ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE. CALIFORNIA ELECTRICAL CODE.

CONTROLLER, ENCLOSURE, AND ALL OF THE REQUIRED COMPONENTS SHALL BE PART OF A PRE-ASSEMBLED SATELLITE ASSEMBLY.

PROVIDE A SEPARATE 5/8 INCH DIA x 8 FOOT COPPER GROUND ROD, WIRE, AND CLAMP INSIDE CABINET FOR ELECTRICAL SERVICE PURSUANT TO THE CALIFORNIA ELECTRICAL CODE.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	SATELLITE CONTROLLER, EXTERIOR INSTALLATION	515
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	




NOTE:

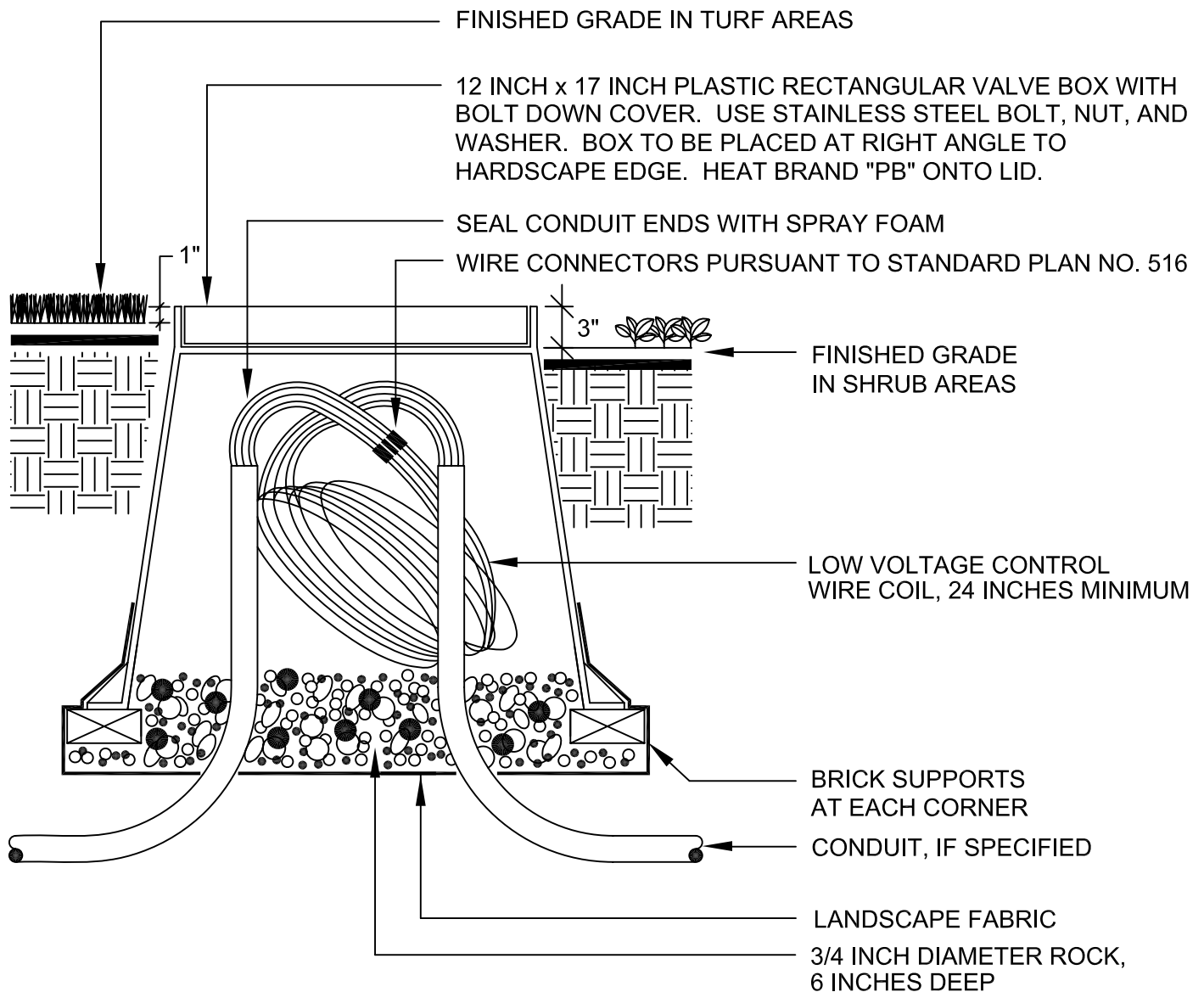
WIRE CONNECTOR SHALL BE A 3M DBY DIRECT BURY SPLICE KIT.

KIT SHALL INCLUDE A SCOTCHLOK Y SPRING CONNECTOR, A POLYPROPYLENE TUBE, AND A WATERPROOF SEALING GEL. TUBE SHALL BE SUPPLIED PREFILLED WITH GEL.

SPLICE KIT SHALL BE USED TO ELECTRICALLY CONNECT 2 - 3 #14 OR 2#12 PRE-STRIPPED COPPER WIRES. LARGER WIRES OR GREATER QUANTITIES OF WIRES SHALL REQUIRE A LARGER APPROVED WIRE CONNECTION.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	WIRE CONNECTOR	516
		
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



SECTION VIEW - N.T.S.


NOTE:

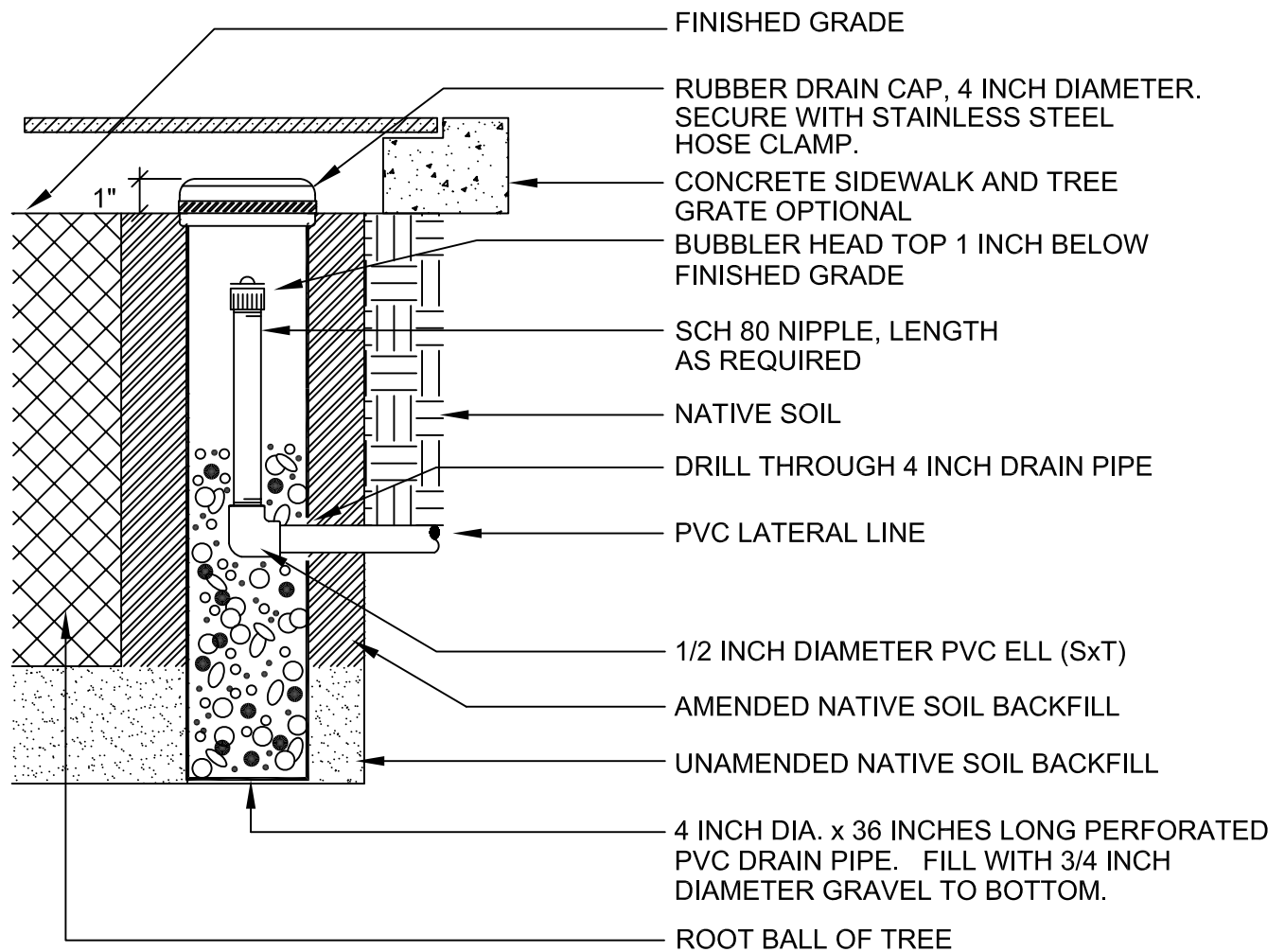
ALL CONTROL WIRE SPLICES SHALL BE INSTALLED INSIDE PULL BOXES.

ALL SPLICES SHALL BE MADE IN ACCORDANCE WITH STANDARD PLAN NO. 516.

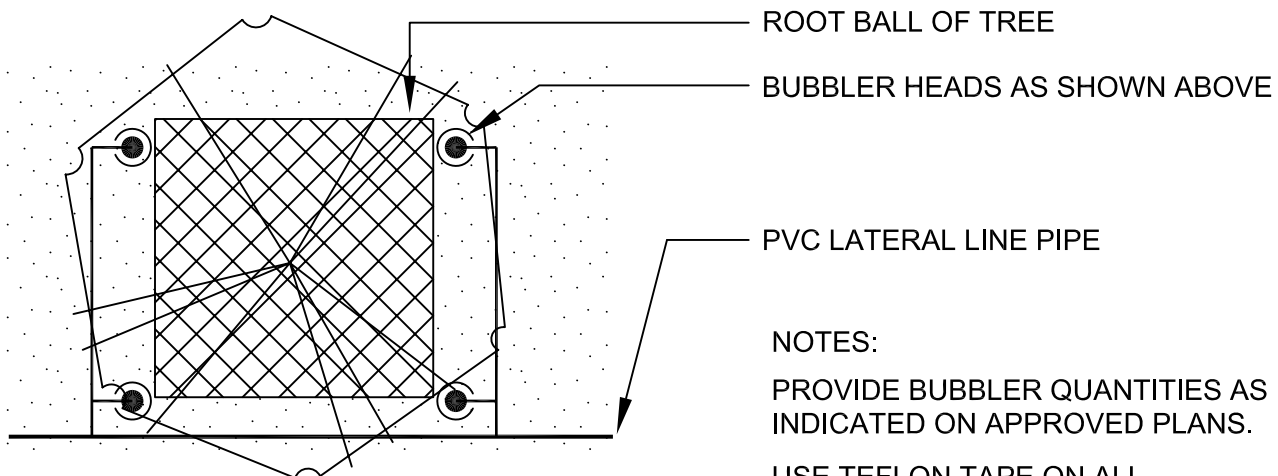
WRAP LANDSCAPE FABRIC AROUND SIDES AND BOTTOM OF BOX TO COVER ALL OPENINGS.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	CONTROL WIRE PULL BOX	517
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



SECTION VIEW - N.T.S.




PLAN VIEW - N.T.S.

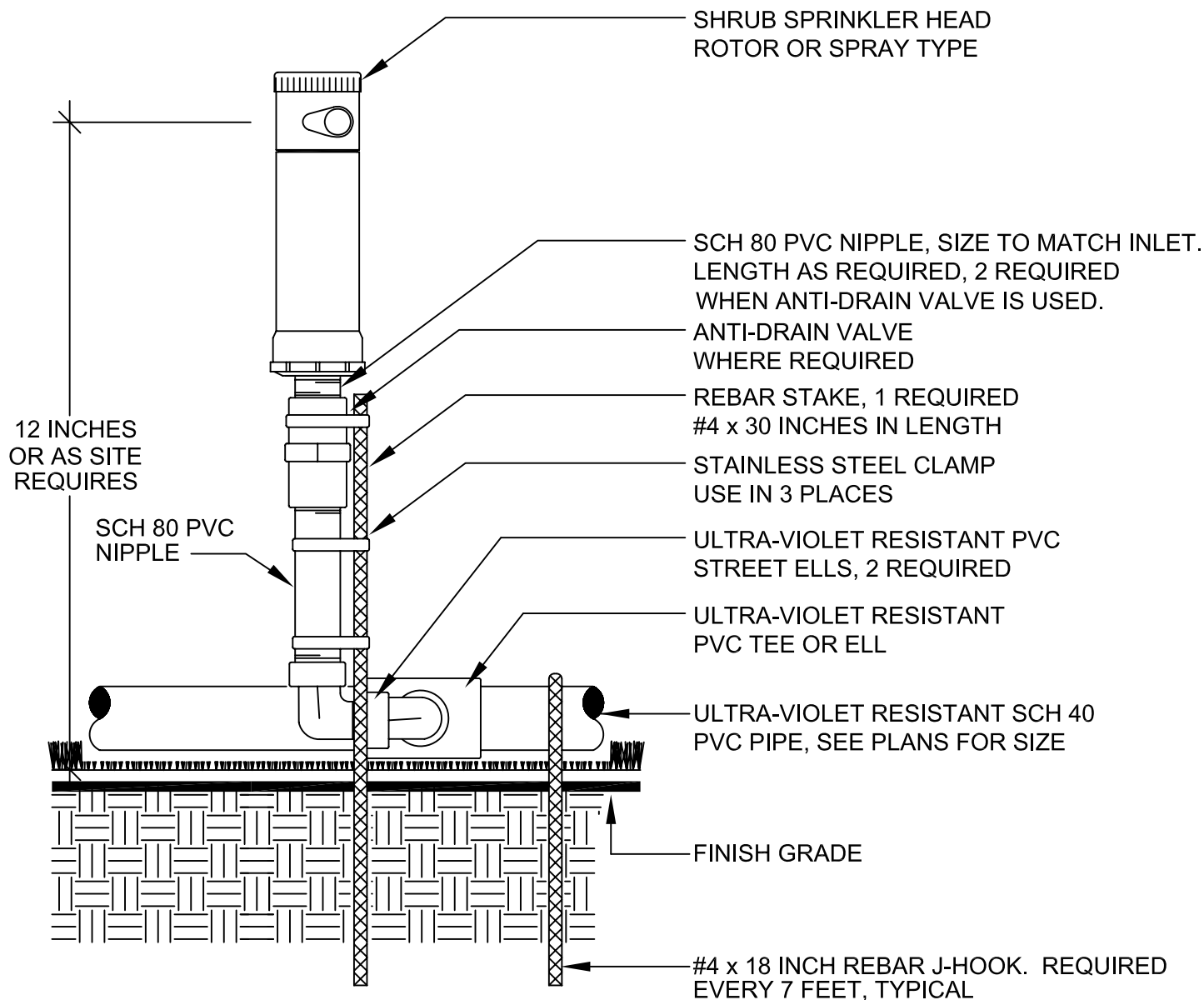
NOTES:

PROVIDE BUBBLER QUANTITIES AS INDICATED ON APPROVED PLANS.

USE TEFLON TAPE ON ALL THREADED FITTINGS.

© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	TREE BUBBLER	519
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



NOTE:

ALL PIPE INSTALLED ON GRADE TO BE SCH 40 ULTRA-VIOLET RESISTANT PVC.

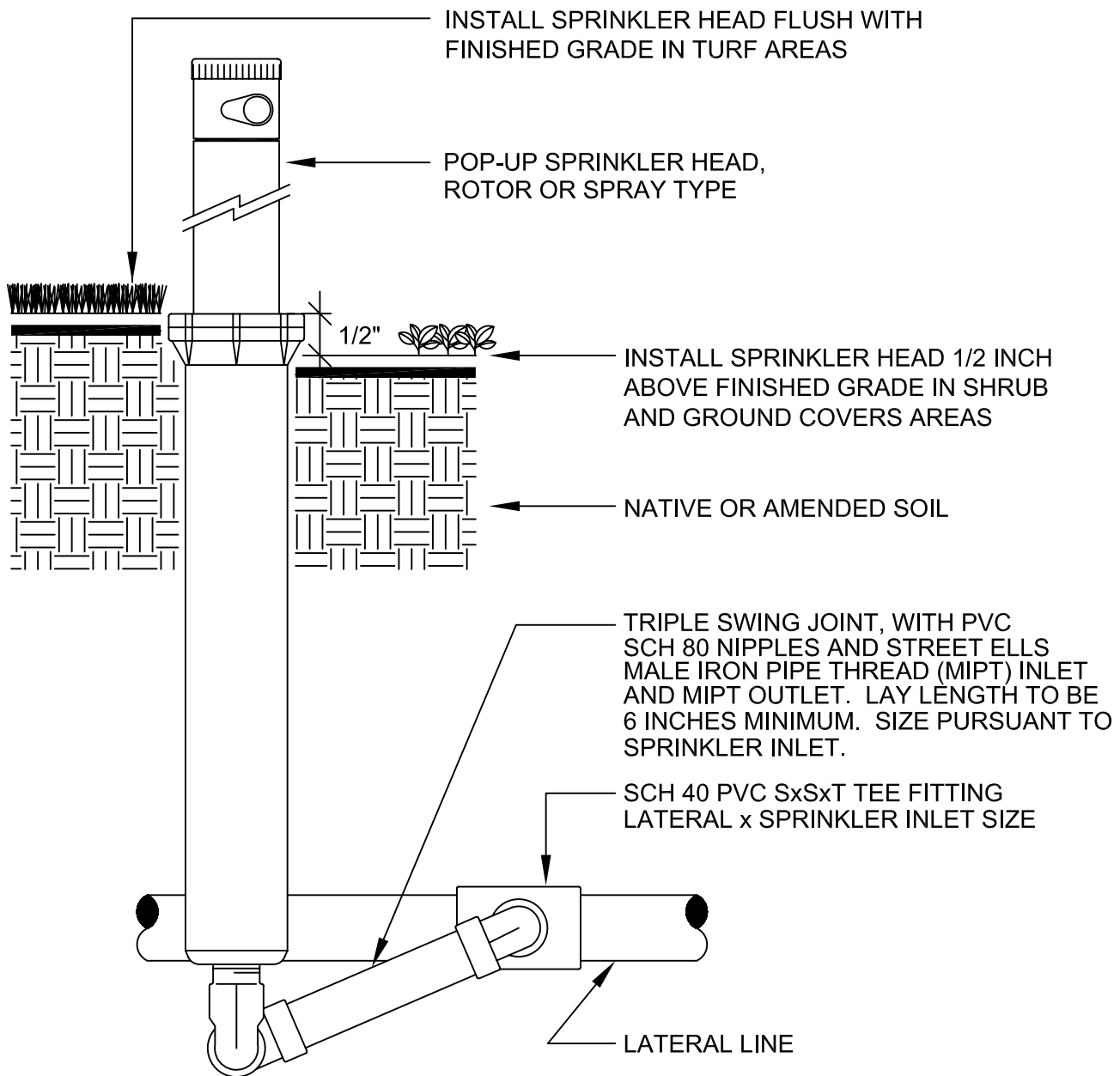
SPRINKLER HEAD ASSEMBLY TO BE INSTALLED PLUMB.

DO NOT INSTALL SPRINKLER HEAD ASSEMBLY CLOSER THAN 5 FEET TO SIDEWALKS, CURBS, DRIVEWAYS, OR PEDESTRIAN AREAS.

USE TEFLON TAPE ON ALL THREADED FITTINGS.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	SPRINKLER HEAD ON RISER ON GRADE	520
	<i>Mark L. Carroll</i>	
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	




NOTE:

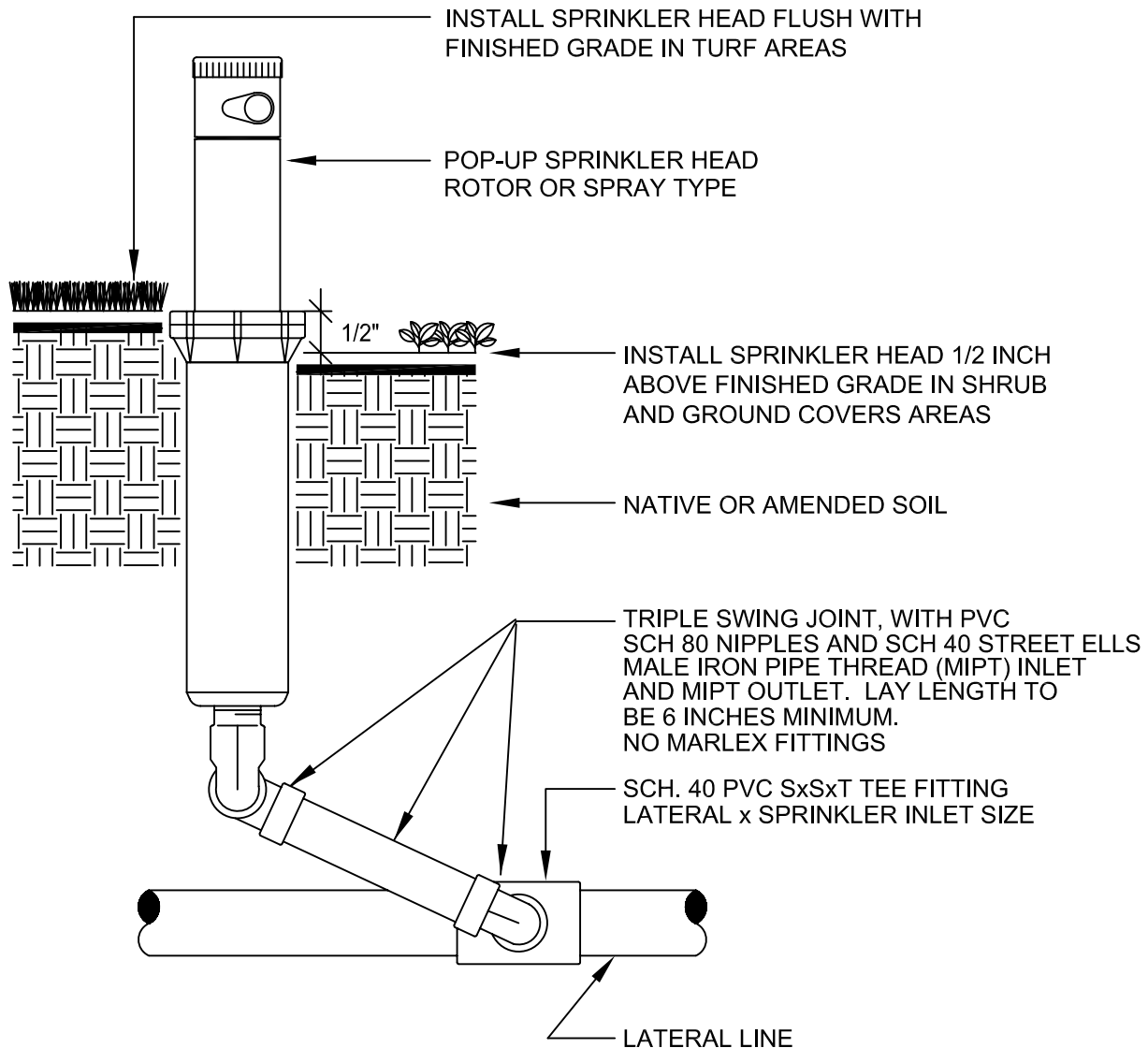
INSTALL SPRINKLER HEADS 6 INCHES FROM PAVING EDGE IN GROUND COVER AREAS.
INSTALL SPRINKLER HEADS 4 INCHES FROM PAVING EDGE IN TURF AREAS.

INSTALL SPRINKLER HEADS PLUMB. ADJUST NOZZLE STREAM TO COVER LANDSCAPE AREA WITHOUT OVERSPRAY ONTO PAVING, FENCES, WALLS, OR BUILDINGS.

USE TEFLON TAPE ON ALL THREADED FITTINGS.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	POP-UP SPRINKLER (12 INCH)	521
		
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	




NOTE:

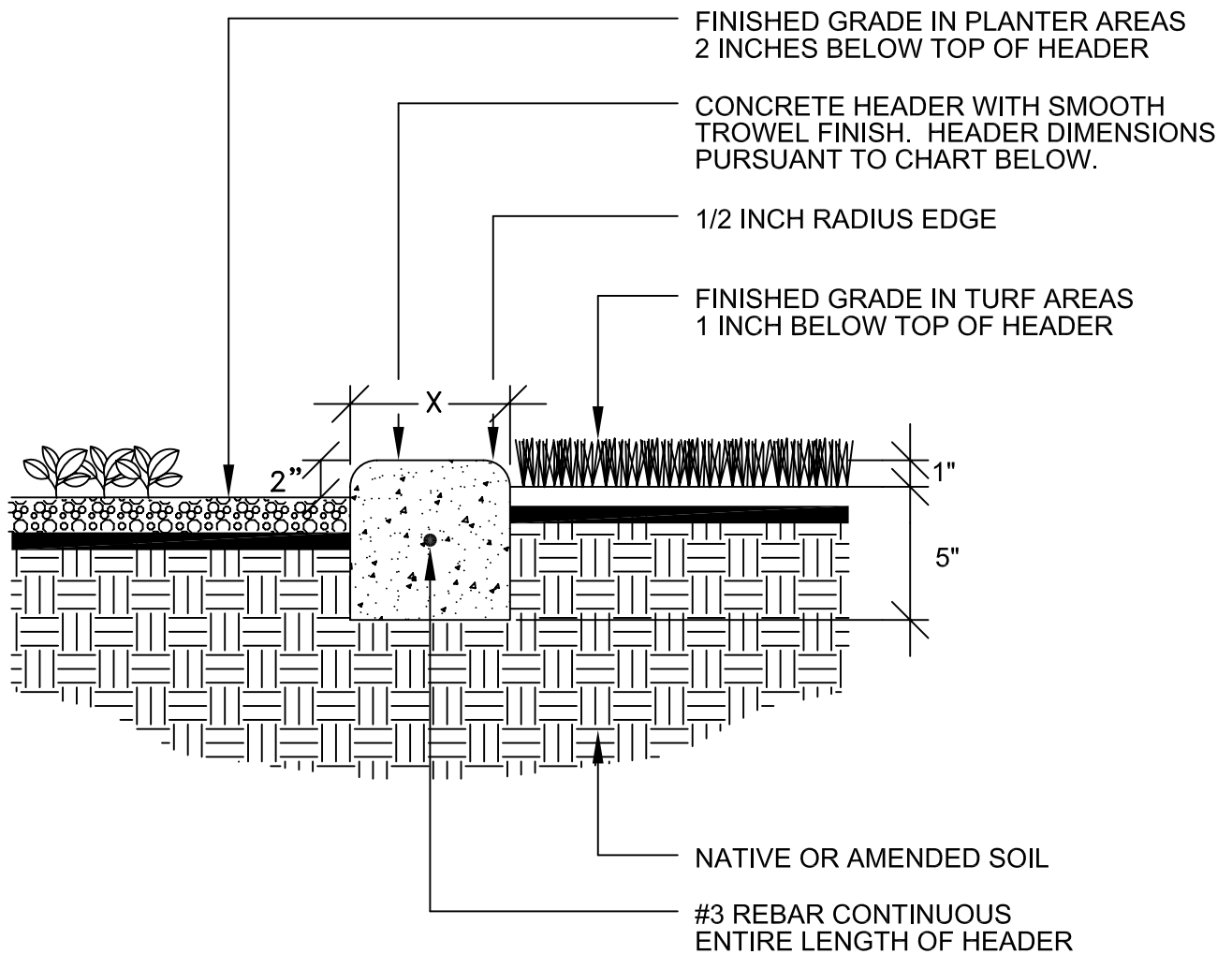
INSTALL SPRINKLER HEADS 2 INCHES FROM PAVING EDGE.

INSTALL SPRINKLER HEADS PLUMB. ADJUST NOZZLE STREAM TO COVER LANDSCAPE AREA WITHOUT OVERSPRAY ONTO PAVING, FENCES, WALLS OR BUILDINGS.

USE TEFLON TAPE ON ALL THREADED FITTINGS.

© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	POP-UP SPRINKLER (6 INCH)	522
		
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	




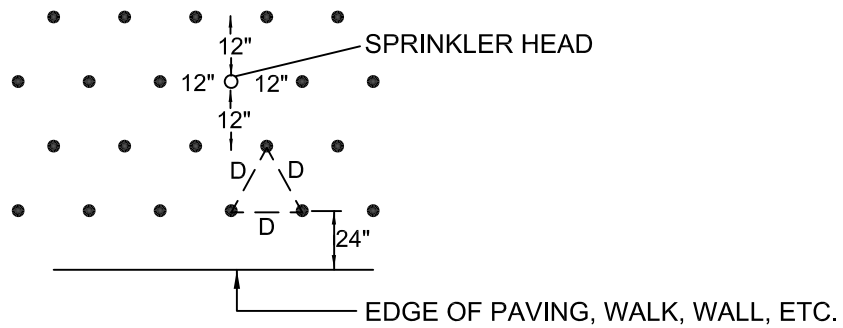
CONCRETE HEADER WIDTH	X
AGAINST CURBS	12"
AGAINST WALLS	8"
BETWEEN TURF AND GROUND COVER	6"

NOTE:

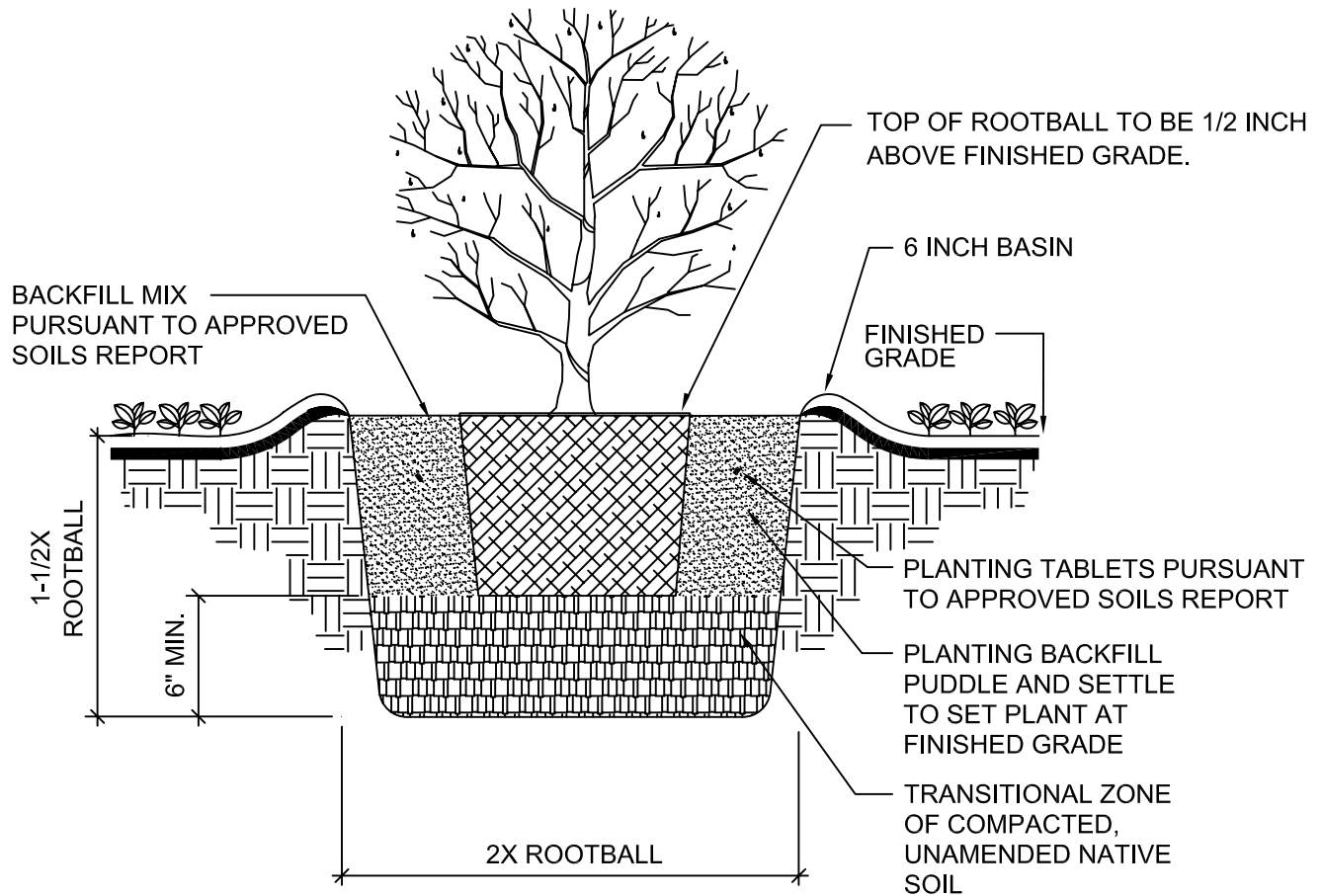
PROVIDE SCORE JOINTS AT 10'-0" ON CENTER.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	CONCRETE HEADER	600
		
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



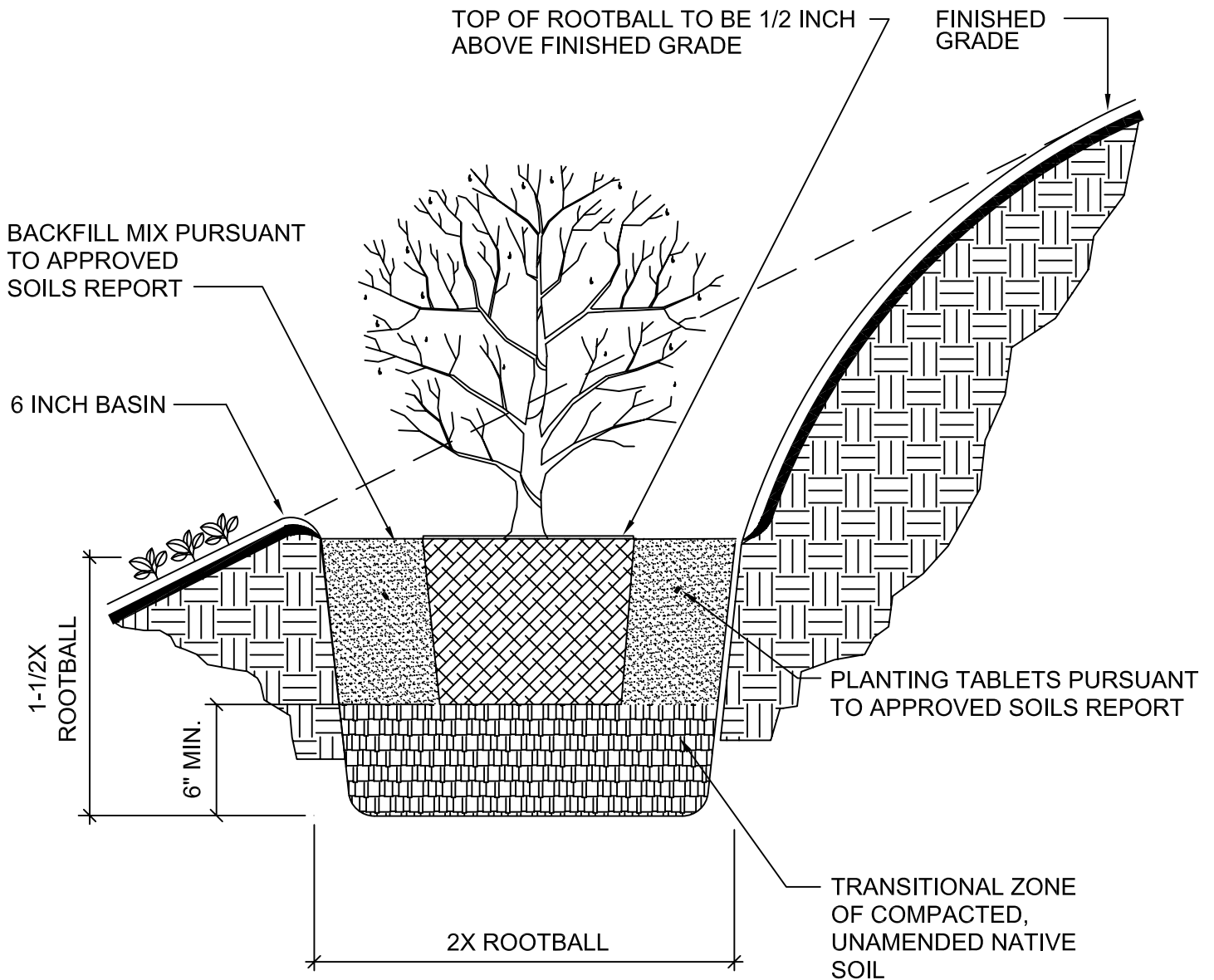
NOTE: LOCATE PLANTS SPACED EQUAL DISTANT (D) FROM EACH OTHER AS SHOWN ON PLANTING PLAN AND MINIMUM OF 12" FROM SPRINKLER HEAD.



NOTE: ALL PLANT BASINS SHALL RECEIVE A 2 INCH LAYER OF APPROVED MULCH. MULCH TO BE 6 INCHES AWAY FROM THE SHRUB STEM.


© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

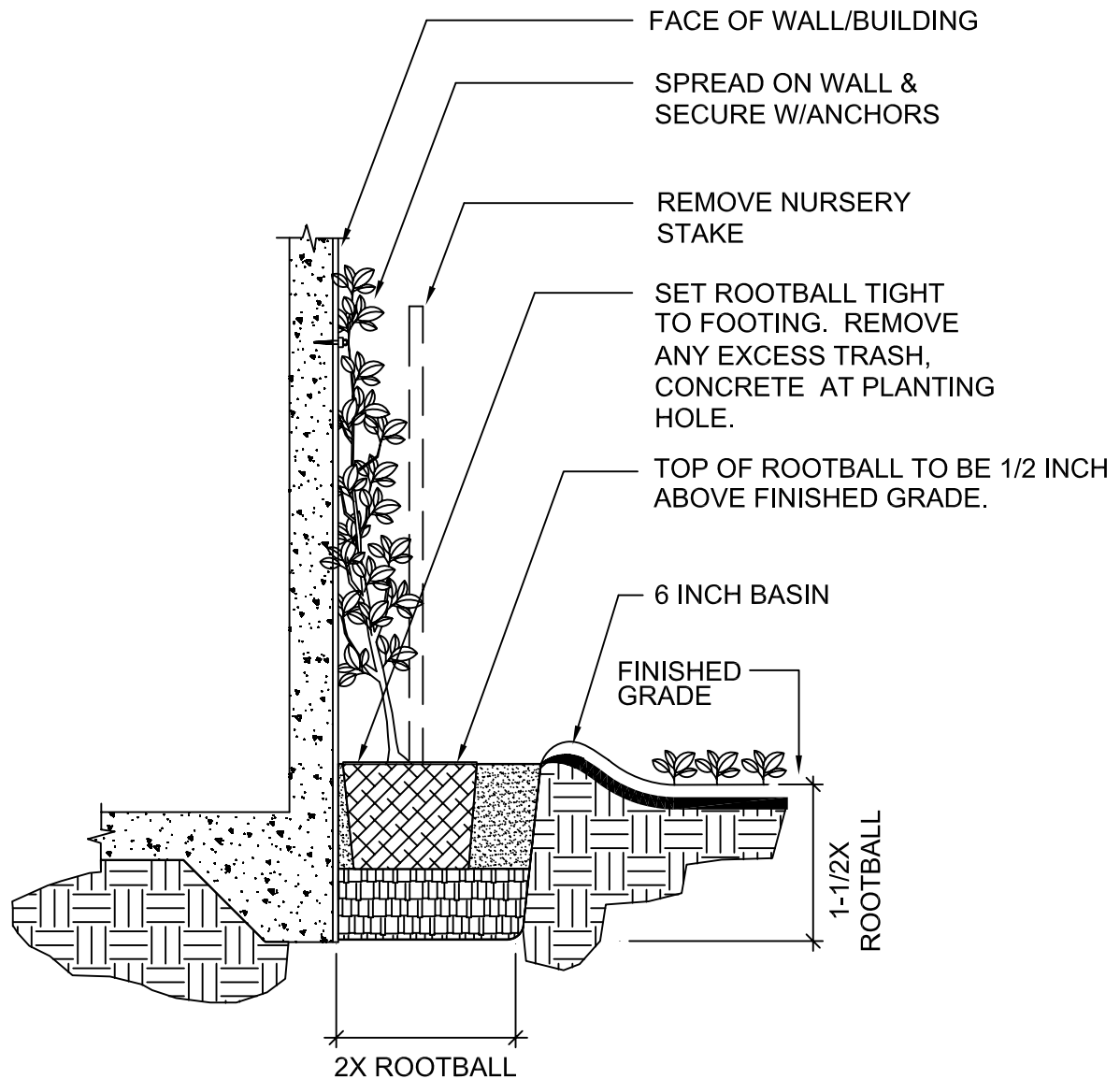
REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	SHRUB PLANTING	601
	<i>Mark L. Carroll</i>	
Approved by:	Mark L. Carroll R.C.E. 31515 City Engineer	Date: 6-22-09
		Sheet 1 of 1



NOTE: ALL PLANT BASINS SHALL RECEIVE A 2 INCH LAYER OF APPROVED MULCH. MULCH TO BE 6 INCHES AWAY FROM THE SHRUB STEM.


©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

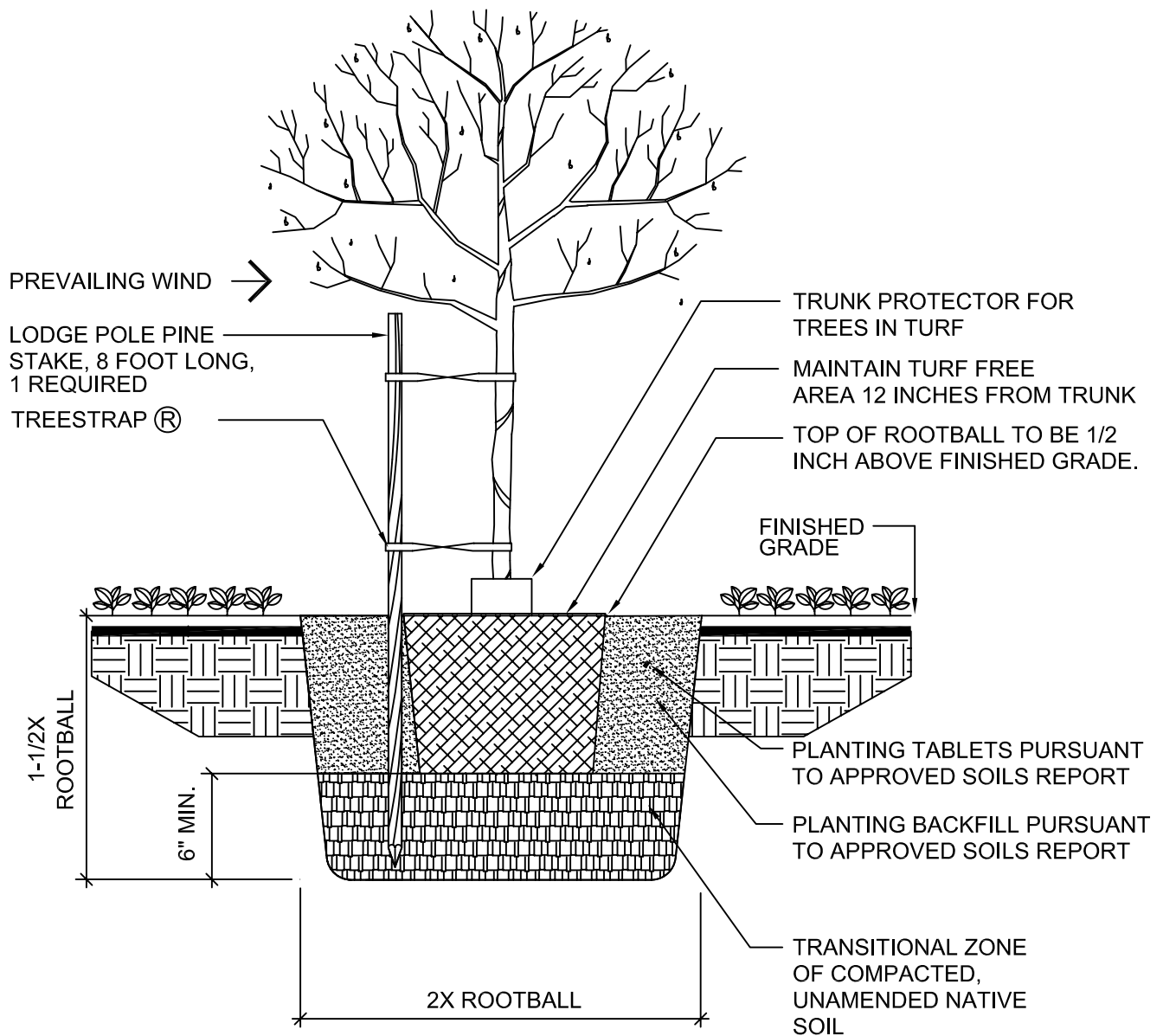
REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	SHRUB PLANTING ON SLOPE	602
		
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	



NOTE: ALL PLANT BASINS SHALL RECEIVE A 2 INCH LAYER OF APPROVED MULCH. MULCH TO BE 6 INCHES AWAY FROM THE VINE STEM.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

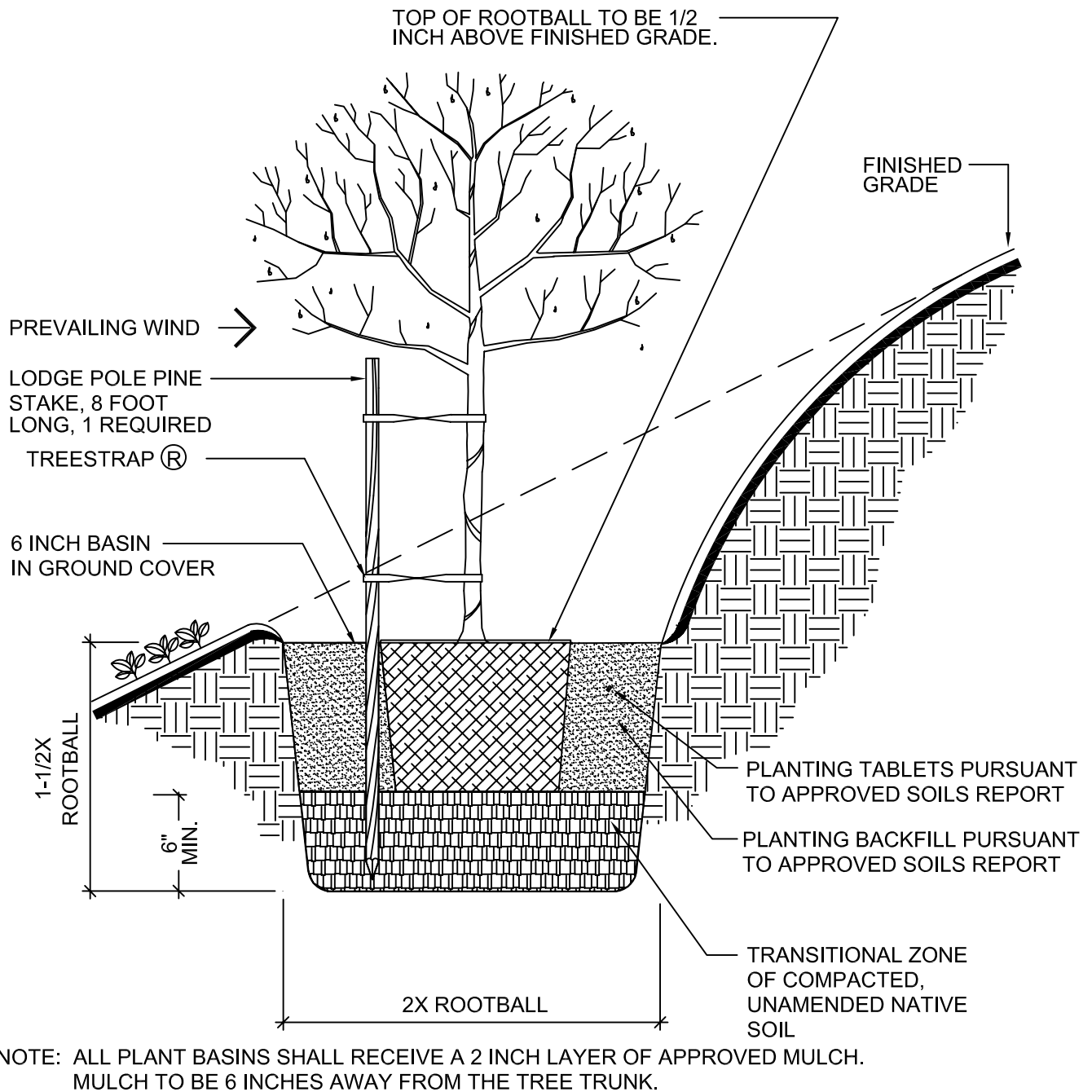
REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	VINE PLANTING	603
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	




NOTE: ALL PLANT BASINS SHALL RECEIVE A 2 INCH LAYER OF APPROVED MULCH.
MULCH TO BE 6 INCHES AWAY FROM THE TREE TRUNK.

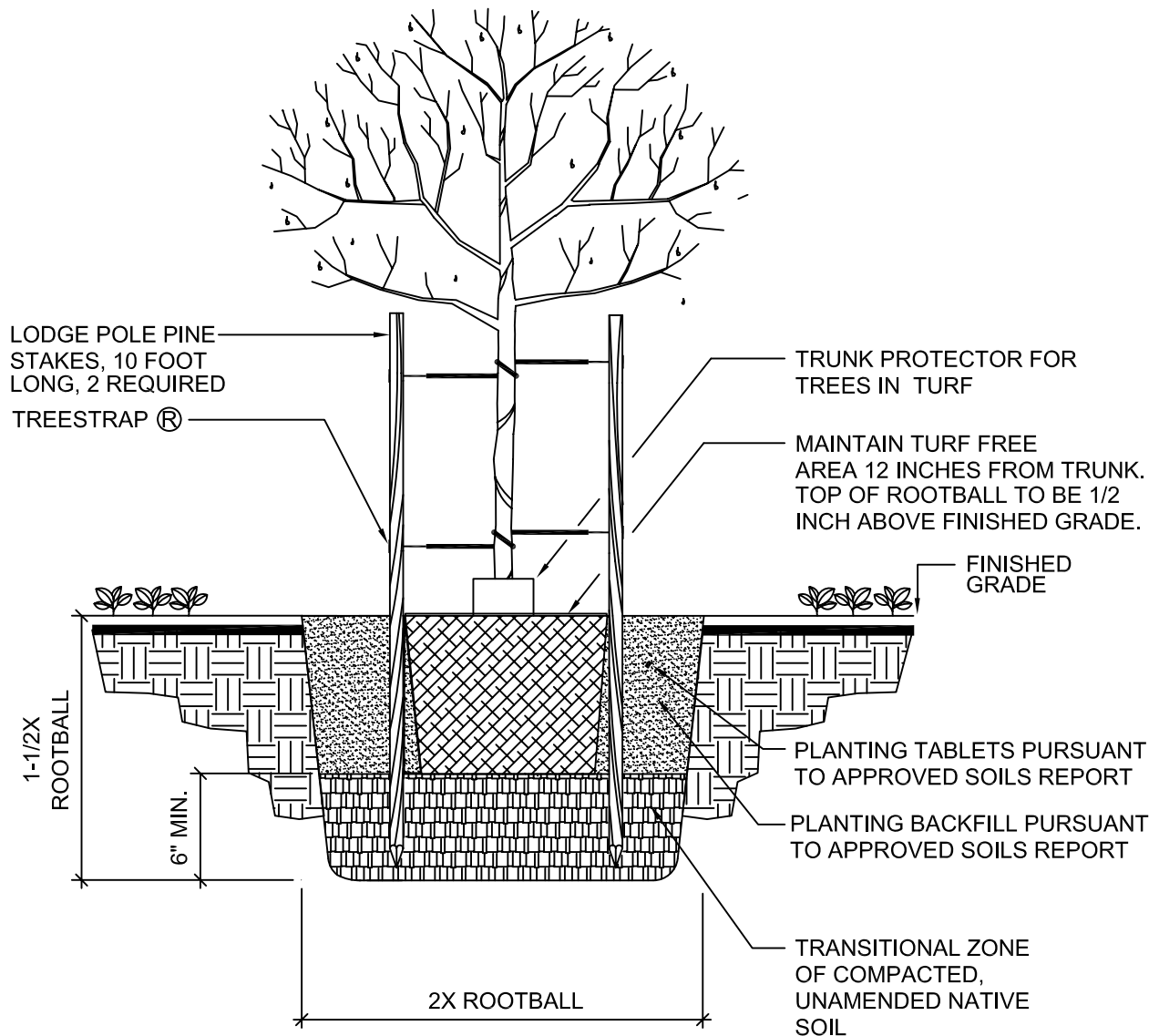
© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	SINGLE STAKE TREE, 5 GALLON ONLY	604
	<i>Mark L. Carroll</i>	
Approved by:	Mark L. Carroll R.C.E. 31515 City Engineer	Date: 6-22-09
		Sheet 1 of 1




© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

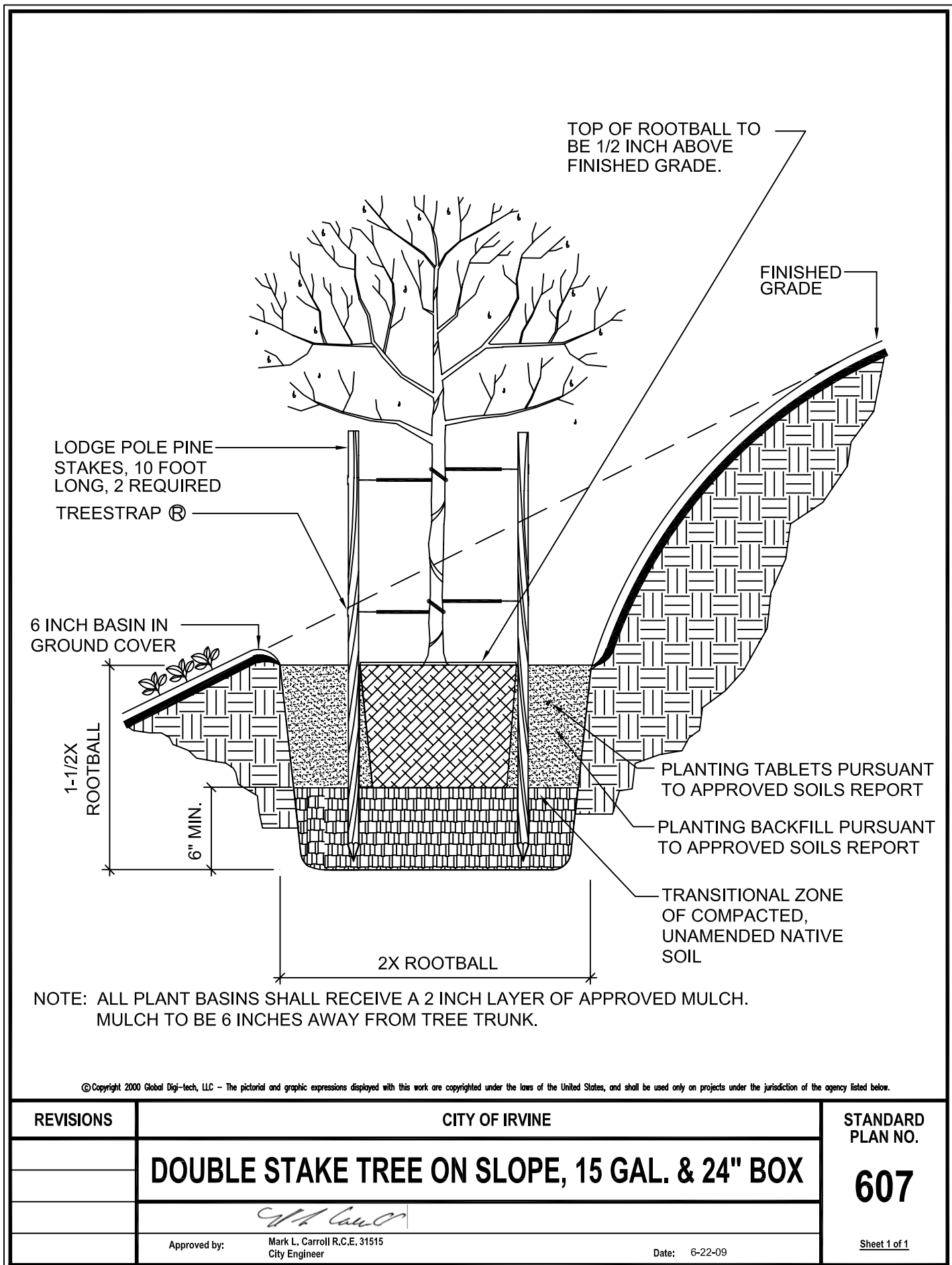
REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	SINGLE STAKE TREE ON SLOPE, 5 GALLON ONLY	605
		
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Date: 6-22-09
		Sheet 1 of 1

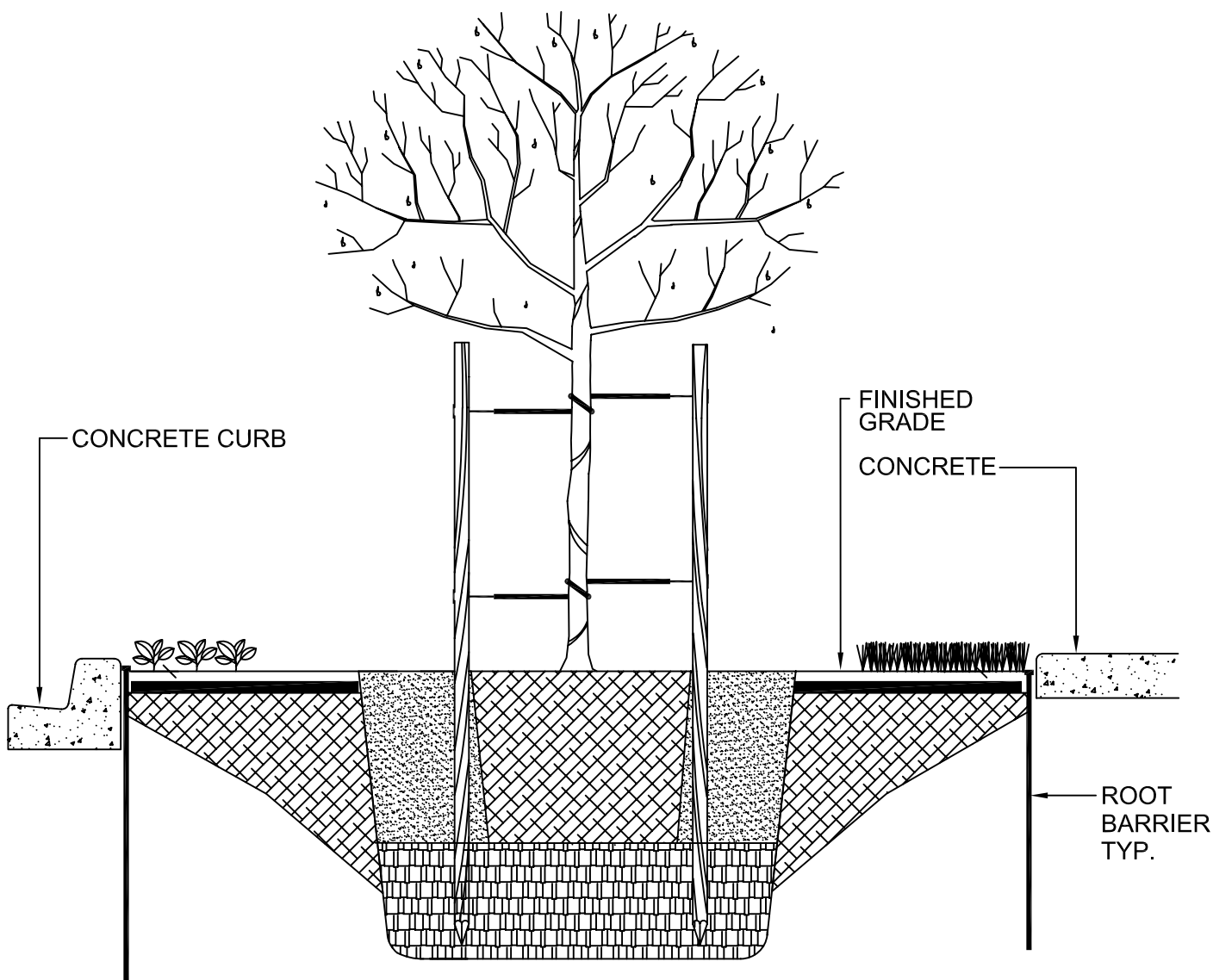


NOTE: ALL PLANT BASINS SHALL RECEIVE A 2 INCH LAYER OF APPROVED MULCH. MULCH TO BE 6 INCHES AWAY FROM THE TREE TRUNK.

© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	DOUBLE STAKE TREE, 15 GAL. & 24 INCH BOX	606
		
Approved by:	Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date: 6-22-09	

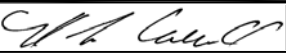


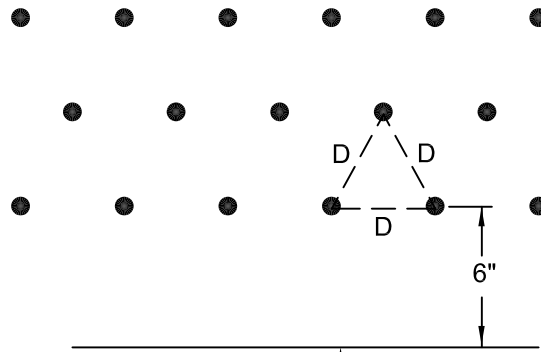


NOTE:

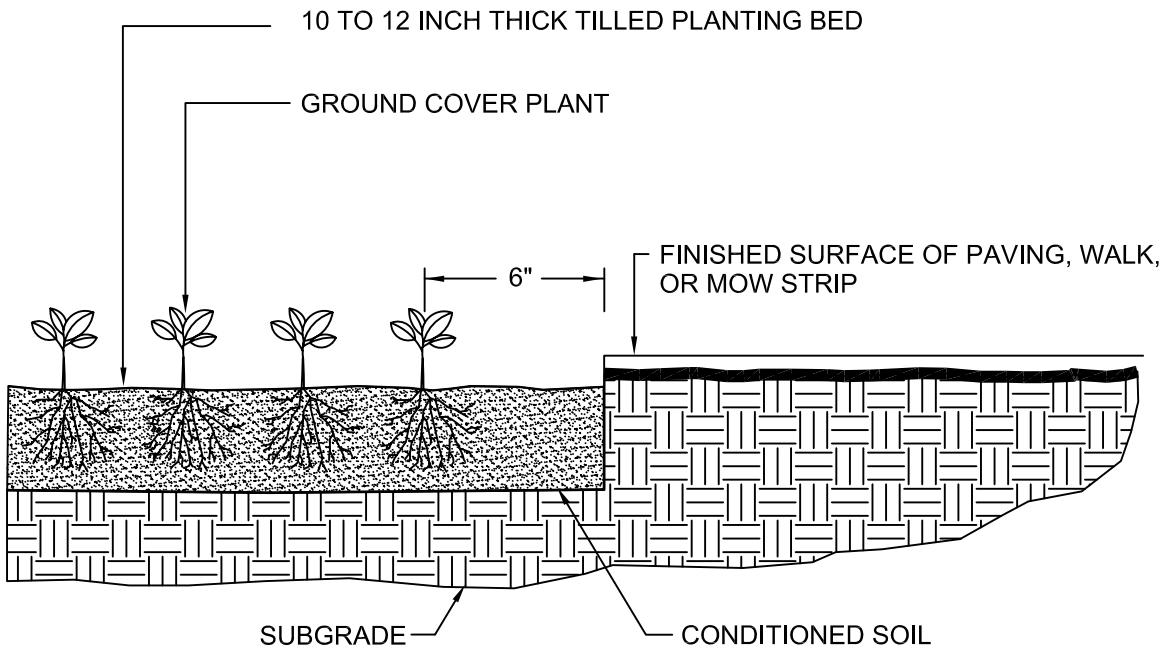
1. TOP OF ROOT CONTROL BARRIER MUST BE AT GRADE.
2. POSITION ROOT CONTROL BARRIER ADJACENT TO STRUCTURE.
3. RAISED ROOT DEFLECTORS MUST BE FACING PLANTED AREA.
4. PROVIDE A MIN. OF 12 FEET OF ROOT BARRIER EACH SIDE OF TREE TRUNK.
5. ROOT BARRIER SHALL EXTEND A MIN. OF 18 INCHES BELOW GRADE ON WALK SIDE.
6. ROOT BARRIER SHALL EXTEND A MIN. OF 24 INCHES BELOW GRADE ON CURB SIDE.
7. TREE PLANTING AND STAKING SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD PLAN NOS. 604 THROUGH 607.

©Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.


REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	ROOT BARRIER	608
	 Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Sheet 1 of 1
	Date 6-22-09	



NOTE: LOCATE PLANTS SPACED EQUAL DISTANT (D)
FROM EACH OTHER AS SHOWN ON PLANTING PLAN.



© Copyright 2000 Global Digi-tech, LLC - The pictorial and graphic expressions displayed with this work are copyrighted under the laws of the United States and shall be used only on projects under the jurisdiction of the agency listed below.

REVISIONS	CITY OF IRVINE	STANDARD PLAN NO.
	GROUND COVER PLANTING	609
		
	Approved by: Mark L. Carroll R.C.E. 31515 City Engineer	Date: 6-22-09
		Sheet 1 of 1