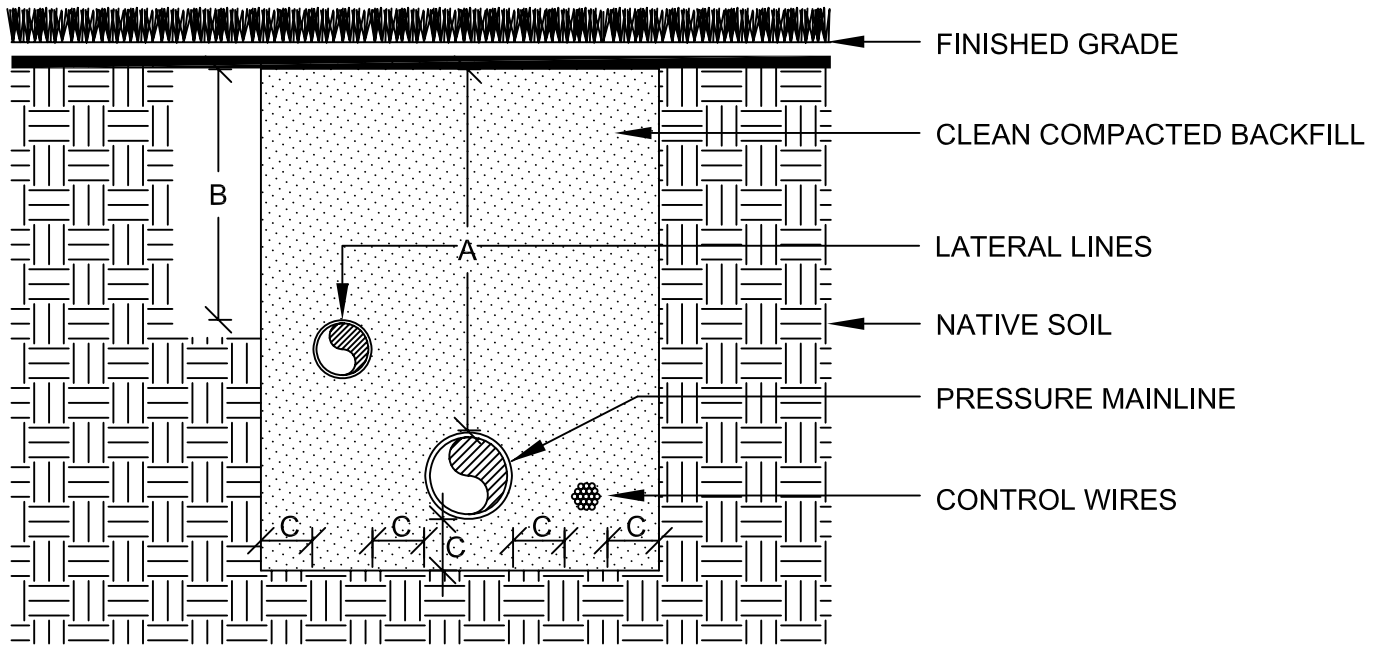




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| 607 | DOUBLE STAKE TREE ON SLOPE, 15 GALLON & 24 INCH BOX |
| 608 | ROOT BARRIER |
| 609 | GROUND COVER PLANTING |



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

SECTION VIEW - N.T.S.

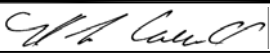
NOTE:

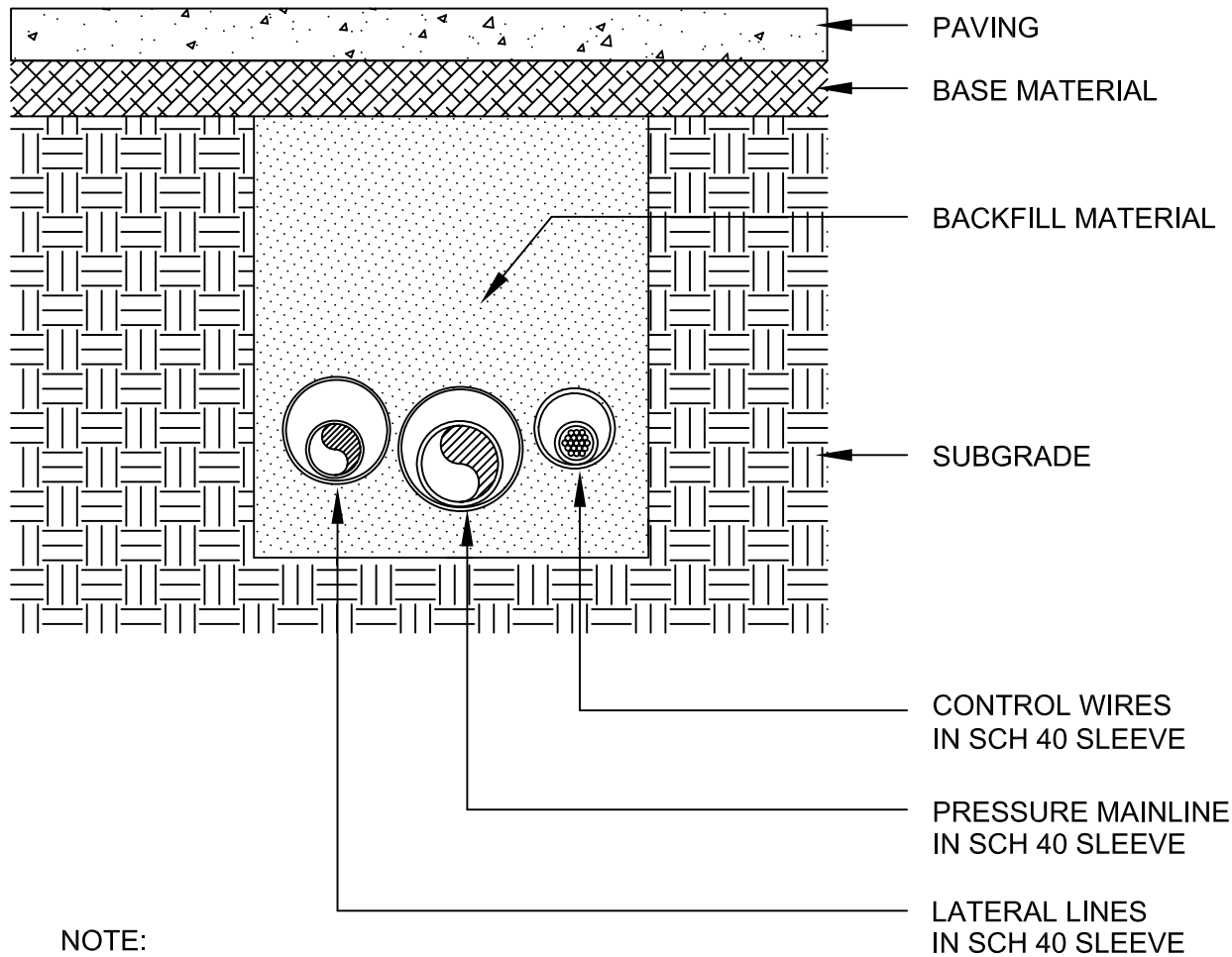
ALL PLASTIC PIPING SHALL BE SNAKED WITHIN TRENCH.

BUNDLE WIRING AND WRAP WITH TAPE AT TEN FOOT INTERVALS.

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

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



NOTE:

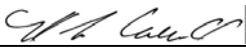
ALL PIPING TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' INSTALLATION SPECIFICATIONS.

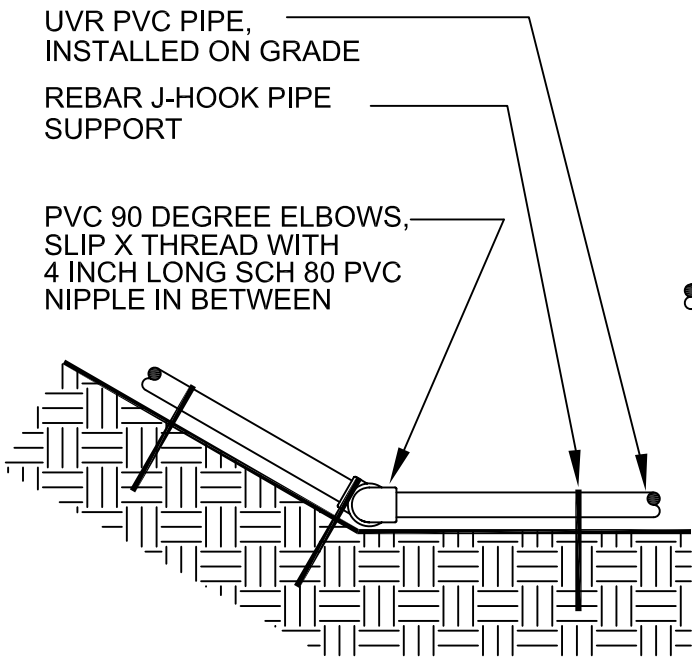
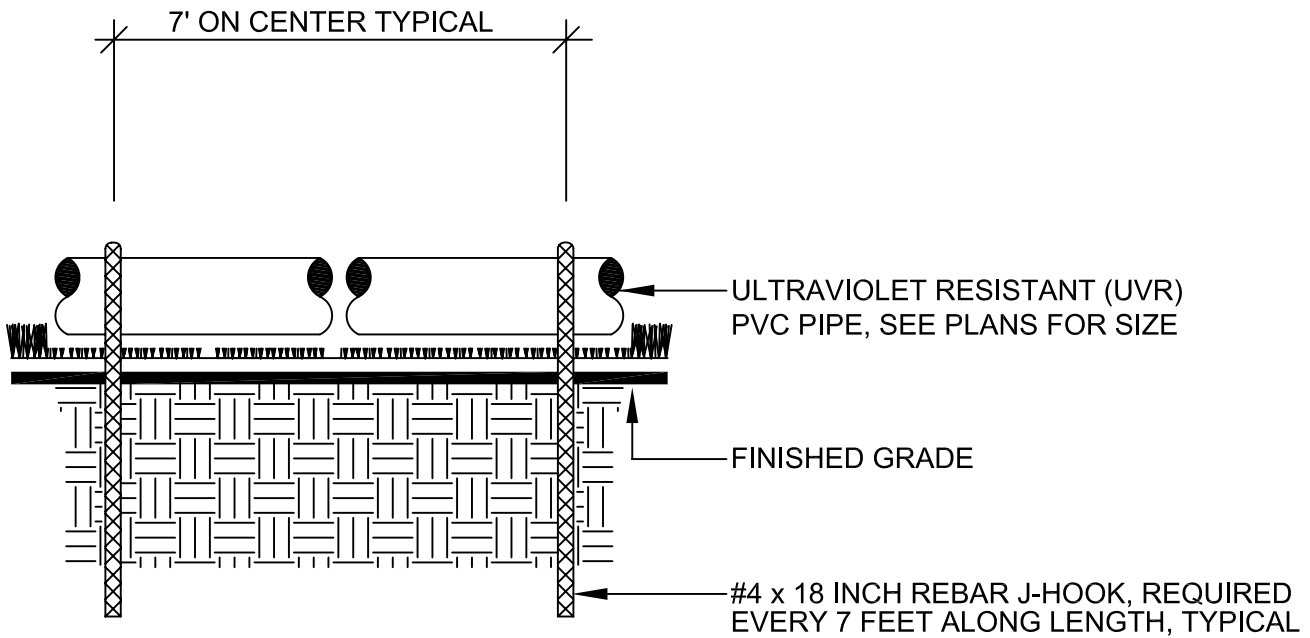
ALL MAINLINE, LATERAL LINES, AND CONTROL WIRES SHALL BE SLEEVED BELOW ALL HARDSCAPE ELEMENTS WITH SCH 40 PVC, 2 TIMES THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.

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.

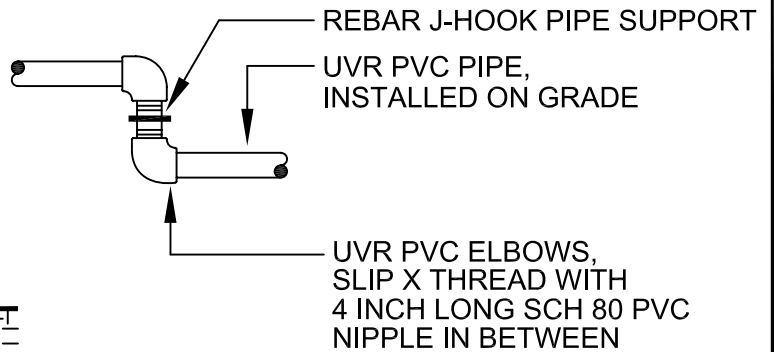
HORIZONTAL DIMENSION BETWEEN SLEEVES SHALL BE A MINIMUM OF 4 INCHES.

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| | | |
|-----------|--|--|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | SLEEVE TRENCHING | 501 |
| | <p style="text-align: center;">  Approved by: Mark L. Carroll R.C.E. 31515 City Engineer </p> | <p style="text-align: center;">Date: 6-22-09</p> <p style="text-align: right;"><small>Sheet 1 of 1</small></p> |



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

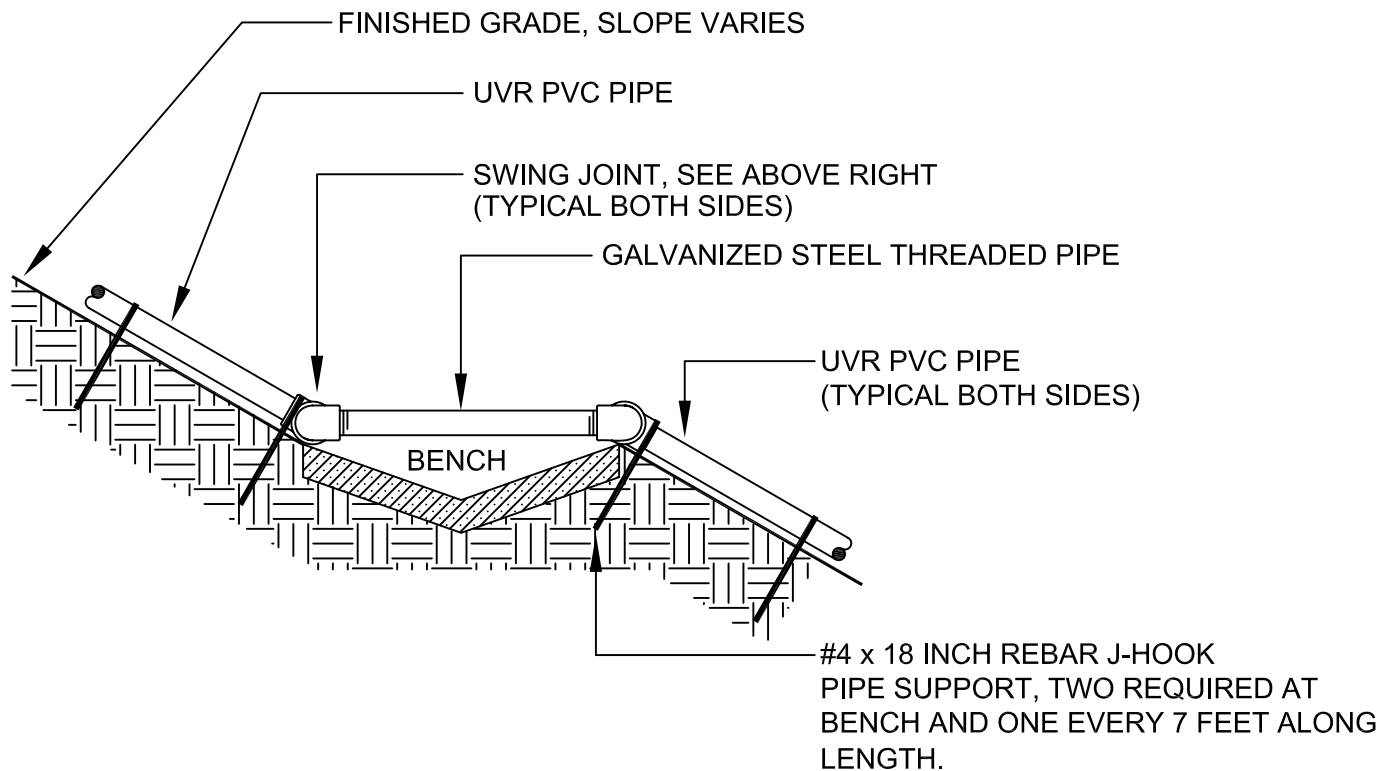
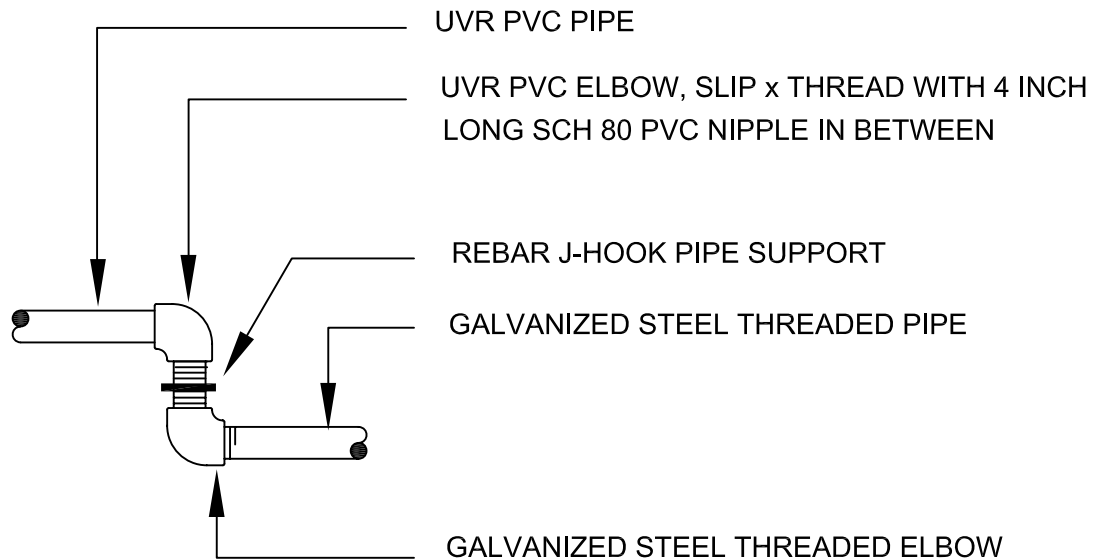


SLOPE DIRECTION CHANGE
PLAN VIEW - N.T.S.

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

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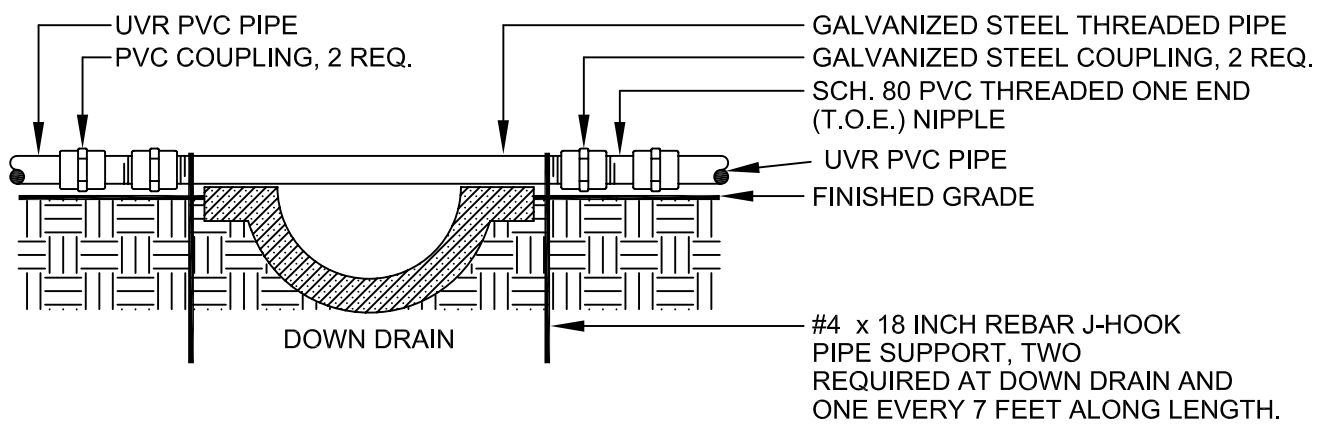
| | | |
|-----------|--|--|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | PIPE INSTALLED ON GRADE | 502 |
| | <p style="text-align: center;"><i>Mark L. Carroll</i></p> <p>Approved by: Mark L. Carroll R.C.E. 31515 City Engineer</p> | <p style="text-align: center;">Date: 6-22-09</p> <p style="text-align: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



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


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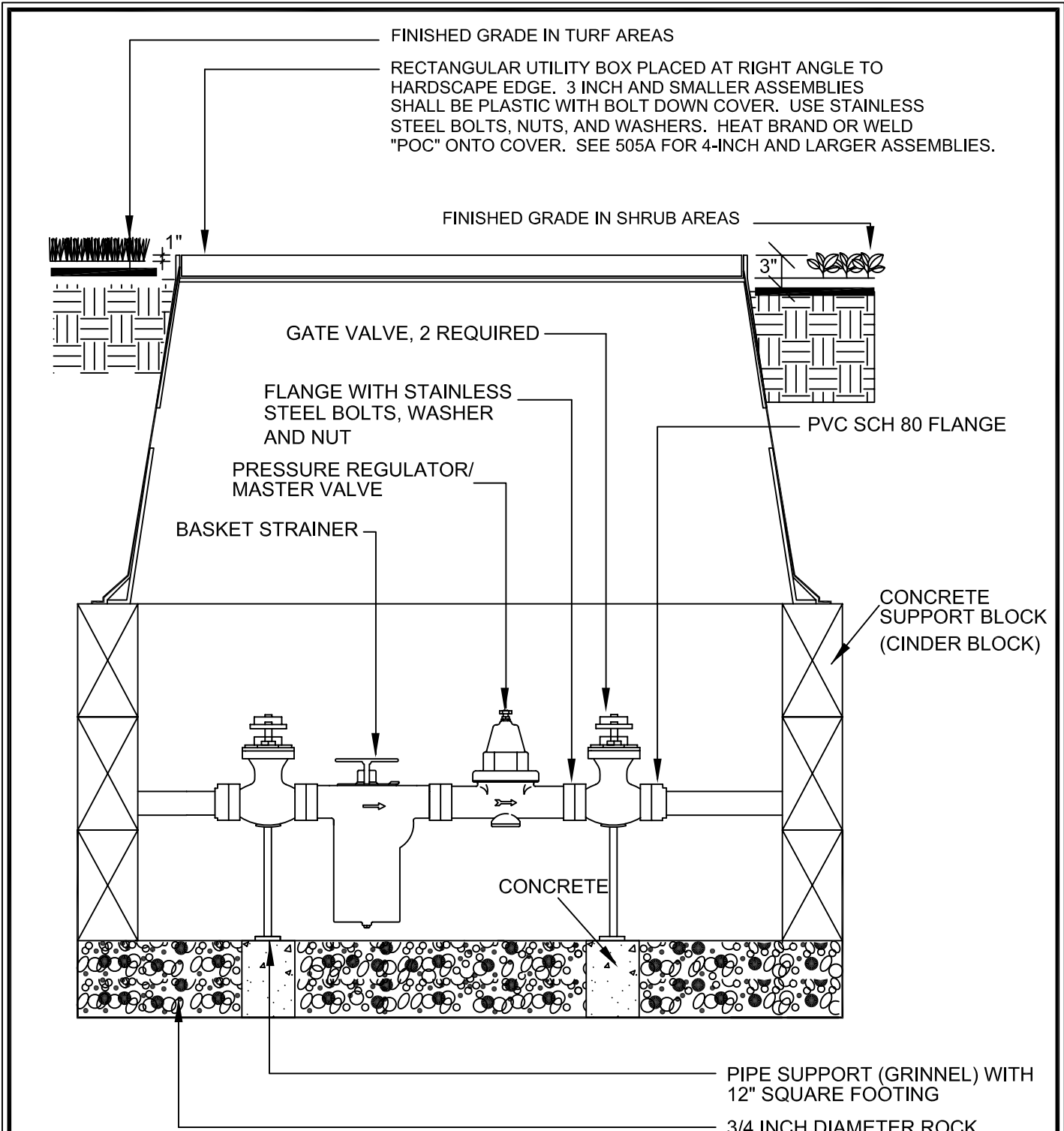
| | | |
|-----------|--|--|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | PIPE CROSSING BENCH DRAIN | 503 |
| | <p style="text-align: center;"><i>Mark L. Carroll</i></p> <p>Approved by: Mark L. Carroll R.C.E. 31515 City Engineer</p> | <p style="text-align: center;">Date: 6-22-09</p> <p style="text-align: center;">Sheet 1 of 1</p> |



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

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| | | |
|-----------|--|----------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | PIPE CROSSING DOWN DRAIN | 504 |
| | <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  Approved by: Mark L. Carroll R.C.E. 31515 City Engineer </div> <div style="text-align: right;"> Date: 6-22-09 </div> </div> | Sheet 1 of 1 |

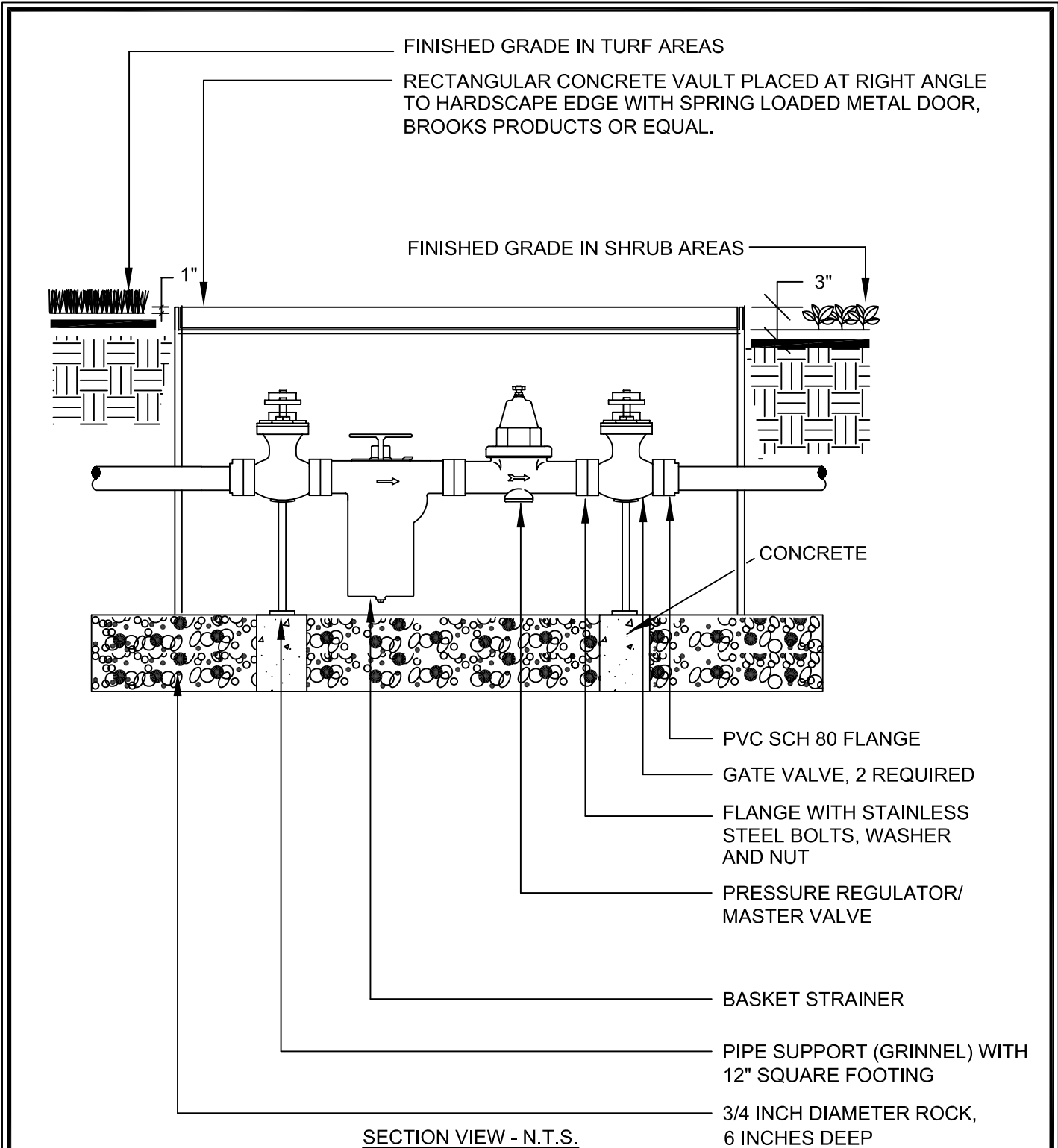


SECTION VIEW - N.T.S.

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

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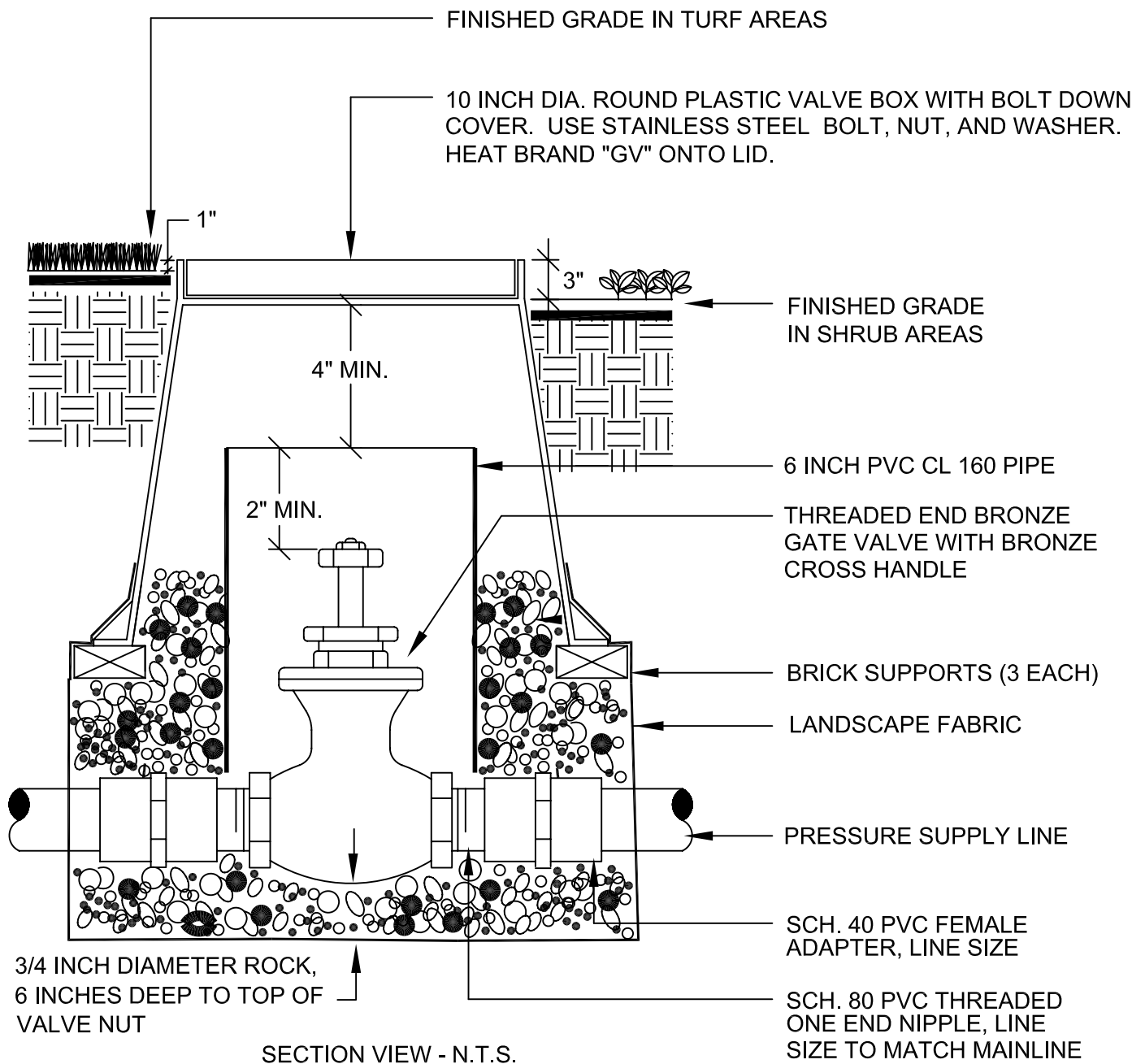
| | | |
|------------------|---|------------------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | STRAINER / PRESSURE REDUCING VALVE | 505 |
| | 3" AND SMALLER ASSEMBLY | |
| | Approved by: Mark L. Carroll R.C.E. 31515 City Engineer <i>[Signature]</i> | Date: 6-22-09 |
| | | Sheet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



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

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| | | |
|--------------|--|-------------------|
| 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 <i>Mark L. Carroll</i> | Date 6-22-09 |
| | | Sheet 1 of 1 |



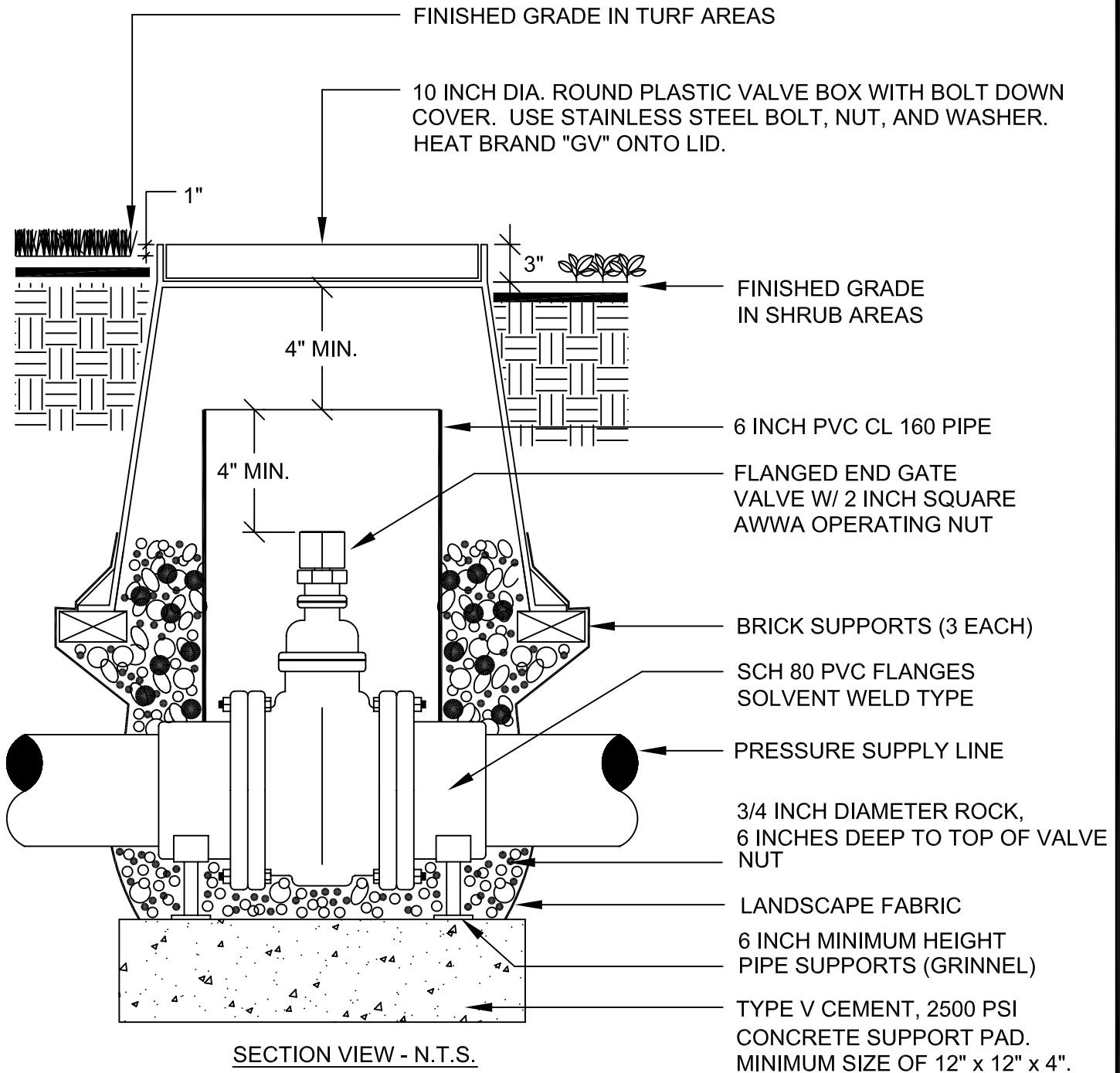
NOTE:

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.

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| | | |
|-----------|--|--|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | GATE VALVE 2 INCHES & SMALLER | 506 |
| | <p style="text-align: center;"><i>Mark L. Carroll</i></p> <p>Approved by: Mark L. Carroll R.C.E. 31515 City Engineer</p> | <p style="text-align: center;">Date: 6-22-09</p> <p style="text-align: center;">Sheet 1 of 1</p> |




NOTE:

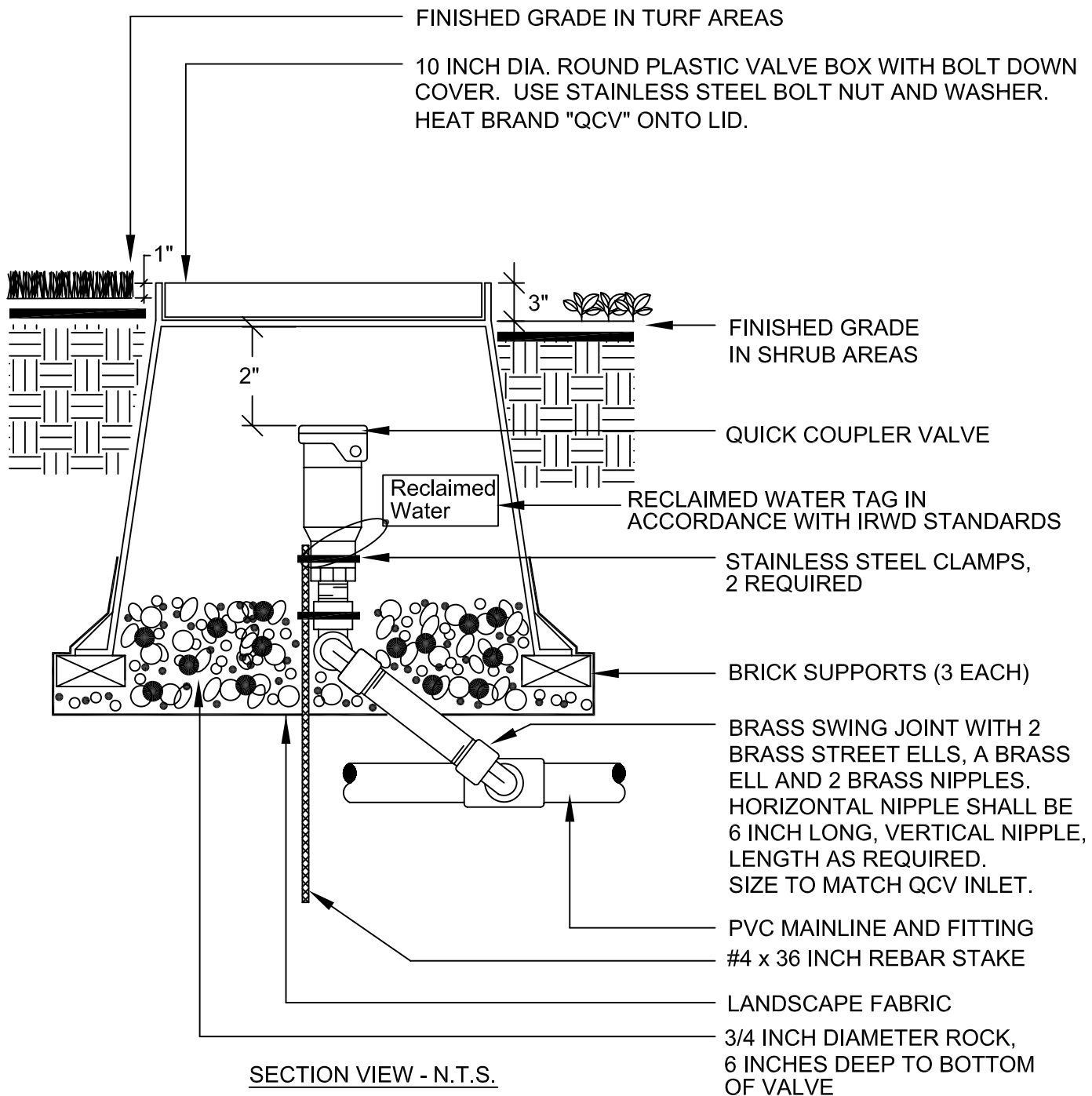
CONTRACTOR TO PROVIDE ONE 5 FOOT LONG TEE WRENCH WITH SQUARE NUT ADAPTER FOR THE OPERATION OF GATE VALVES.

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.

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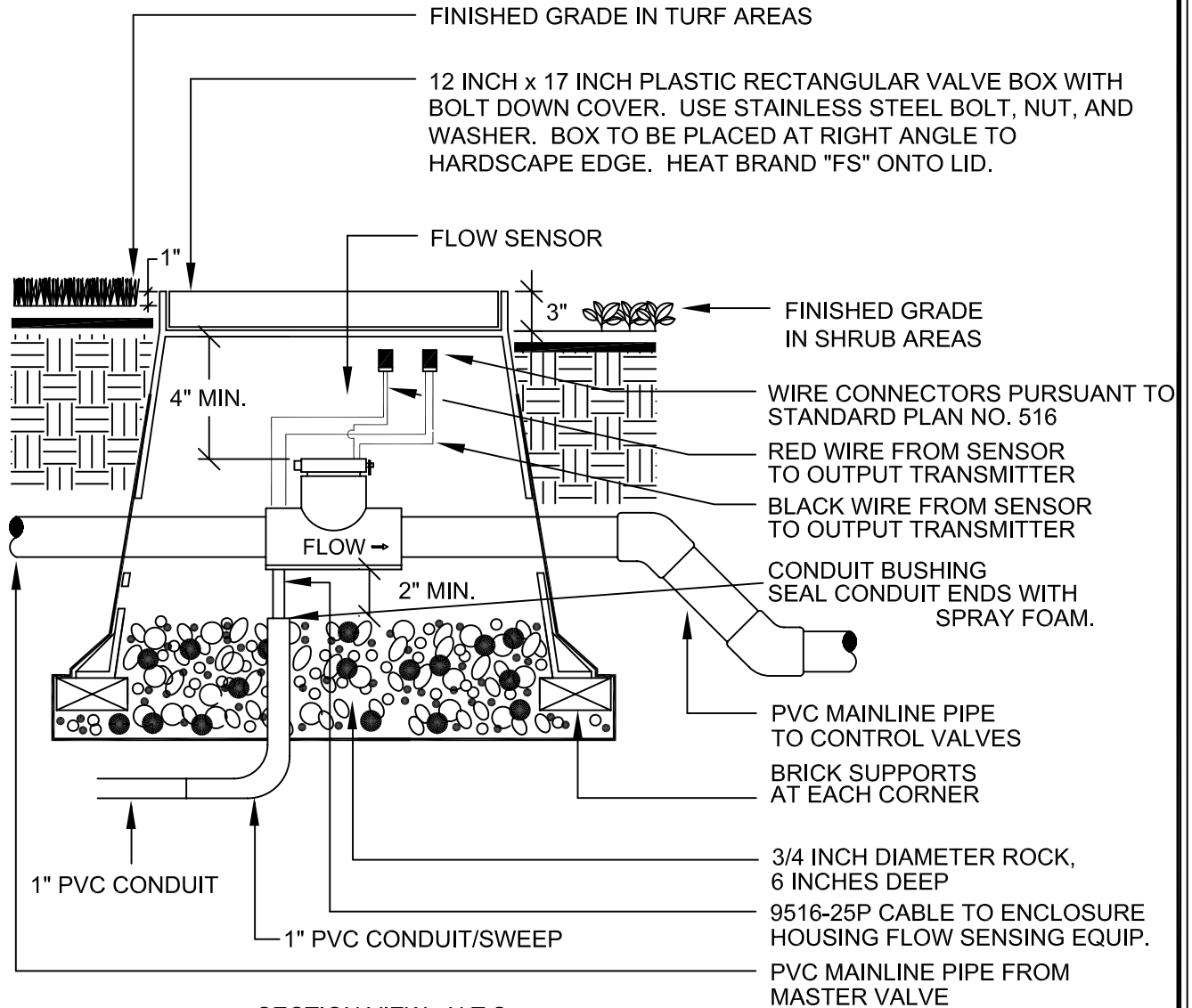
| | | |
|-----------|---|-------------------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | GATE VALVE 2 1/2 INCHES AND LARGER | 507 |
| |  | |
| | Approved by: Mark L. Carroll R.C.E. 31515 City Engineer | Date: 6-22-09 Sheet 1 of 1 |



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.

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| | | |
|-----------|--|----------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | QUICK COUPLER VALVE IN BOX | 508 |
| | <p style="text-align: center;"><i>Mark L. Carroll</i></p> <p>Approved by: Mark L. Carroll R.C.E. 31515 City Engineer</p> | Sheet 1 of 1 |
| | Date: 6-22-09 | |



SECTION VIEW - N.T.S.

NOTE:

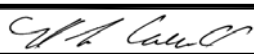
INSTALL FLOW SENSOR PURSUANT TO THE MANUFACTURER'S RECOMMENDATIONS AND WIRE TRANSMITTER TO THE IRRIGATION CONTROLLER.

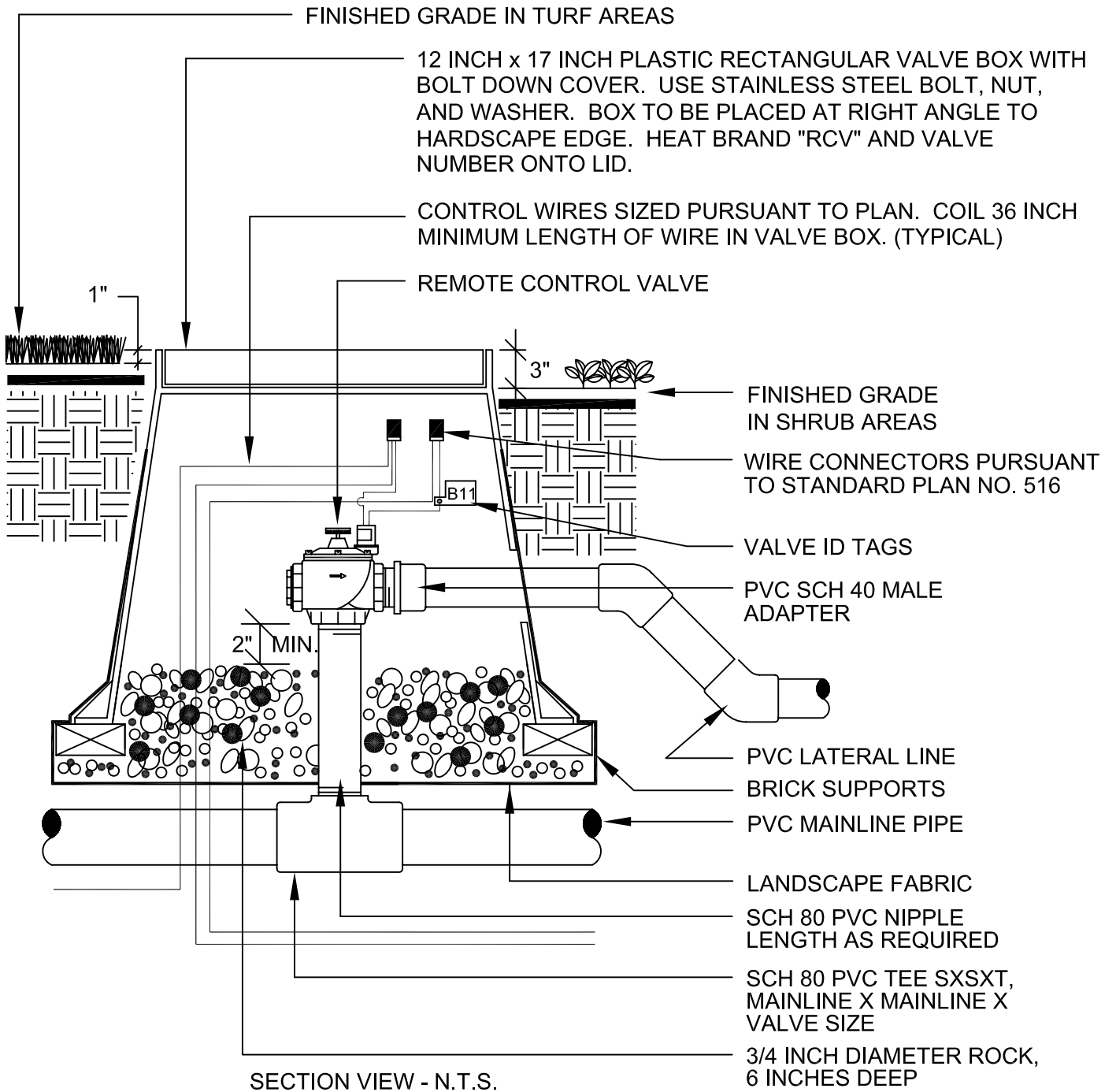
THE MAINLINE PIPE SHALL NOT CHANGE SIZE OR DIRECTION CLOSER THAN 5 FEET UPSTREAM OR 3 FEET DOWNSTREAM OF THE FLOW SENSOR.

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.

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| | | |
|------------------|---|------------------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | FLOW SENSOR | 509 |
| |  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.

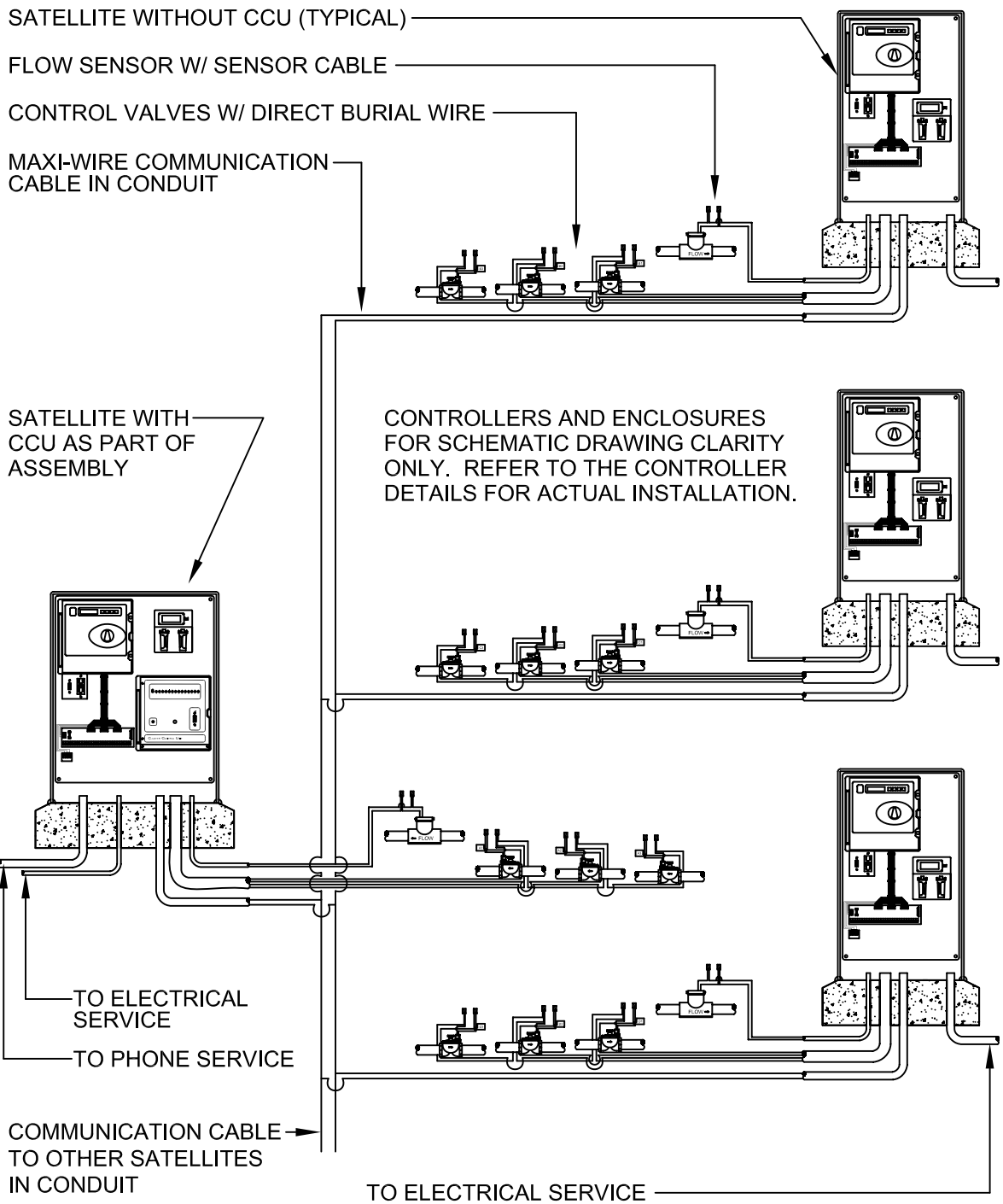
INSTALL CHRISTY'S MODEL #3800 RECLAIMED WATER IDENTIFICATION NAME PLATES TO THE LID OF EACH RECLAIMED WATER VALVE BOX.

USE TEFLON TAPE ON THREADED FITTINGS.

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

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| | | |
|-----------|--|-------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | ANGLE REMOTE CONTROL VALVE | 510 |
| | <p style="text-align: center;"><i>Mark L. Carroll</i></p> <p>Approved by: Mark L. Carroll R.C.E. 31515 City Engineer</p> | Sheet 1 of 1 |
| | Date: 6-22-09 | |



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| | | |
|-----------|--|--|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | CONTROLLER SCHEMATIC | 511 |
| | <p style="text-align: center;"><i>Mark L. Carroll</i></p> <p>Approved by: Mark L. Carroll R.C.E. 31515 City Engineer</p> | <p style="text-align: center;">Date: 6-22-09</p> <p style="text-align: center;">Sheet 1 of 1</p> |

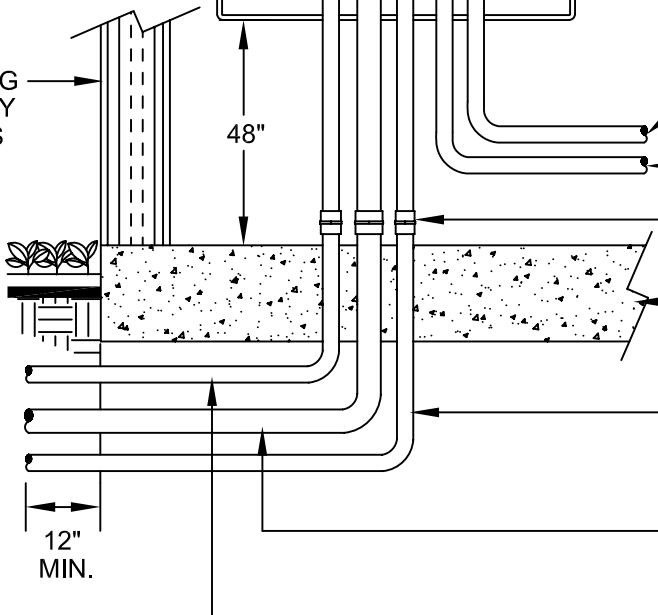
STAINLESS STEEL ENCLOSURE,
24 INCH WIDE FRONT ENTRY, WALL
MOUNT TYPE. (IN A SECURE
LOCATION, ENCLOSURE MAY
NOT BE REQUIRED. VERIFY
LOCATION WITH CITY INSPECTOR.)

SATELLITE
CONTROLLER

GFCI TYPE
POWER SWITCH
AND RECEPTACLE

TERMINAL STRIP
FOR VALVE
WIRES

BUILDING
WALL, BY
OTHERS



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

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

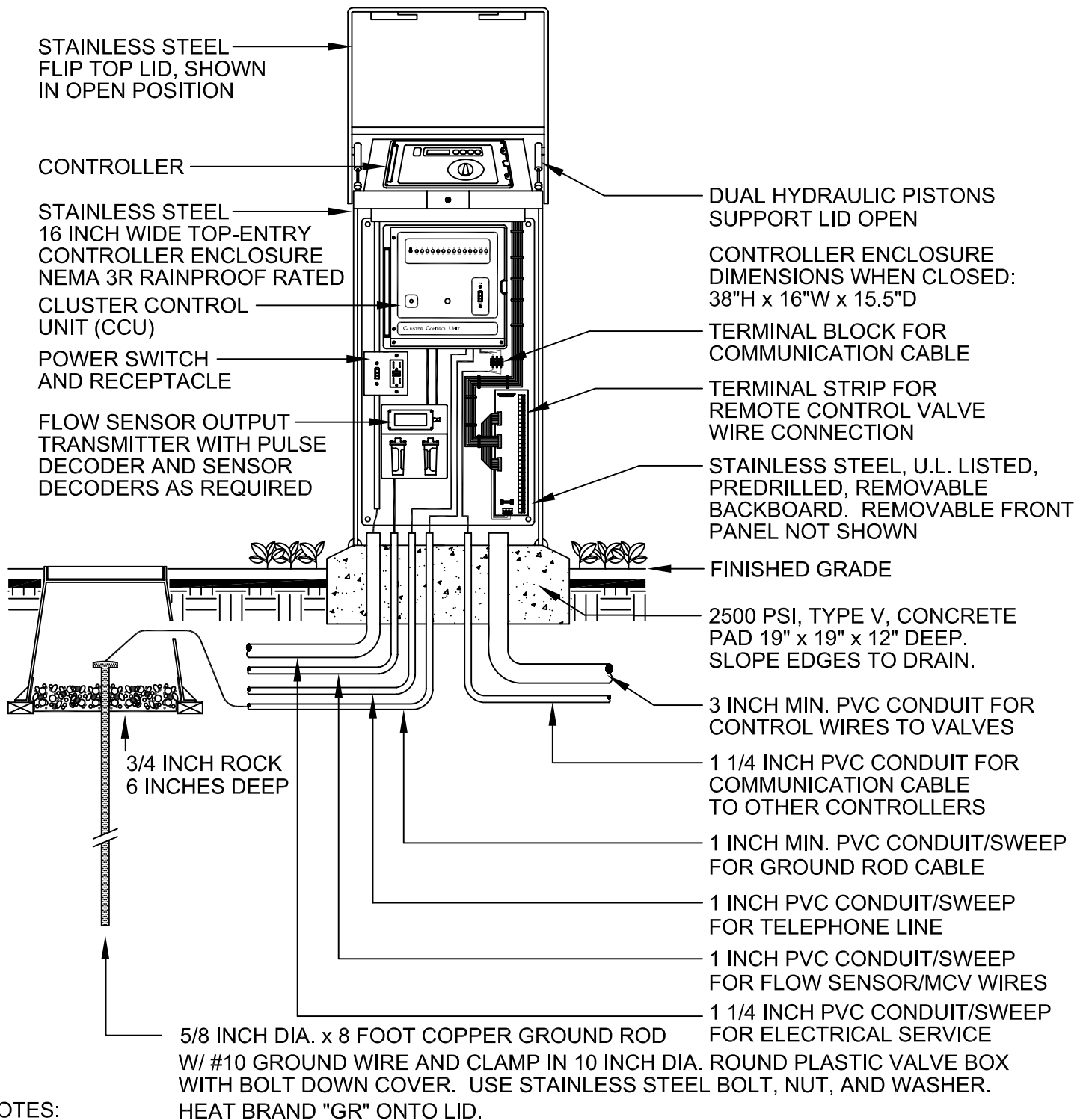
NOTES:

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.

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| | | |
|-----------|---|--|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | SATELLITE CONT. W/ CCU, INTERIOR INSTALLATION | 512 |
| | <p style="text-align: center;"><i>Mark L. Carroll</i> Approved by: Mark L. Carroll R.C.E. 31515 City Engineer</p> | <p style="text-align: center;">Date 6-22-09</p> <p style="text-align: right;">Sheet 1 of 1</p> |



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.

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.

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| | | |
|-----------|--|--|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | CONTROLLER / CCU, EXTERIOR INSTALLATION | 513 |
| | <p style="text-align: center;"><i>Mark L. Carroll</i></p> <p>Approved by: Mark L. Carroll R.C.E. 31515 City Engineer</p> | <p style="text-align: right;">Date: 6-22-09</p> <p style="text-align: right;">Sheet 1 of 1</p> |

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

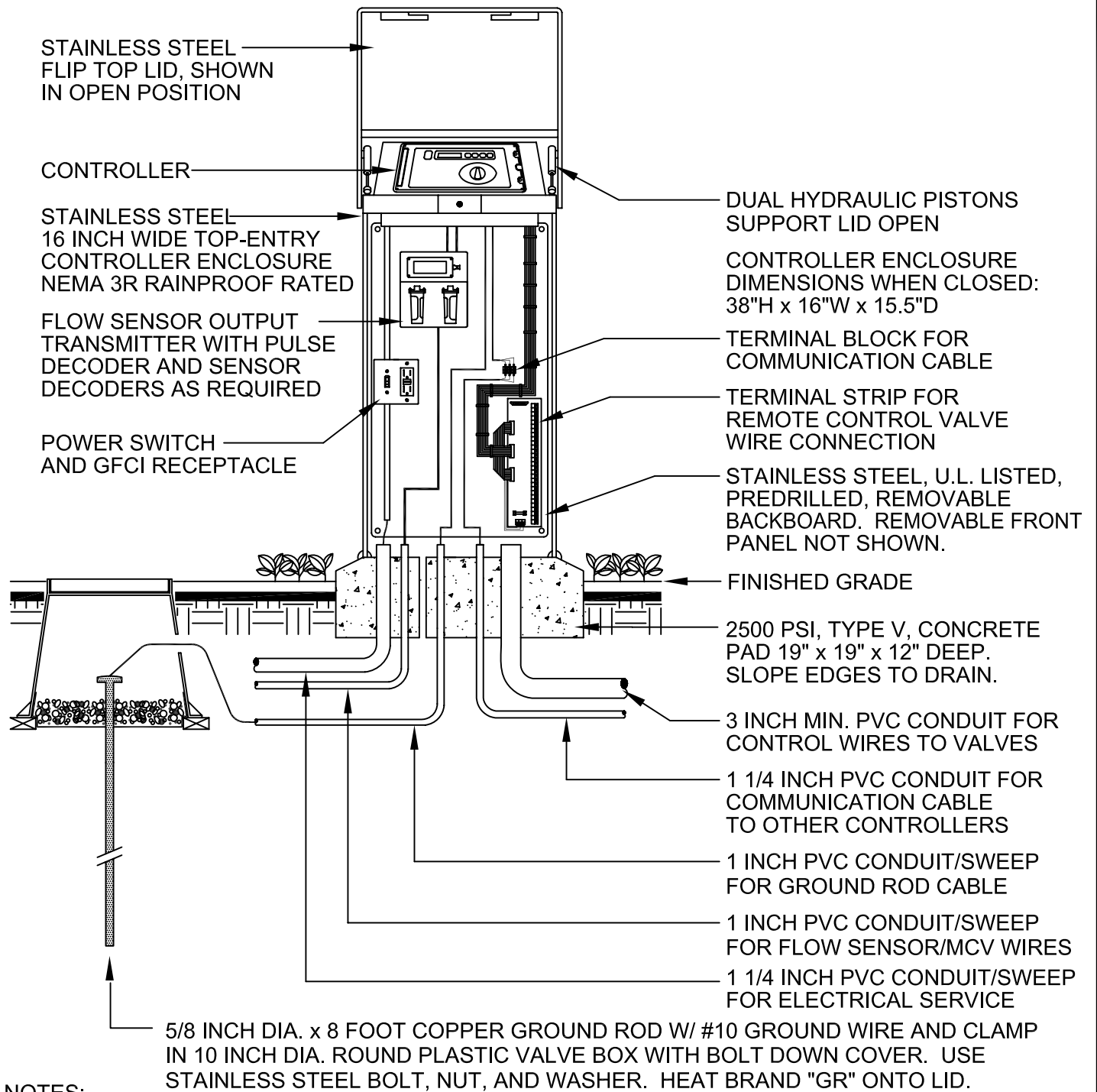
NOTES:

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.

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




NOTES:

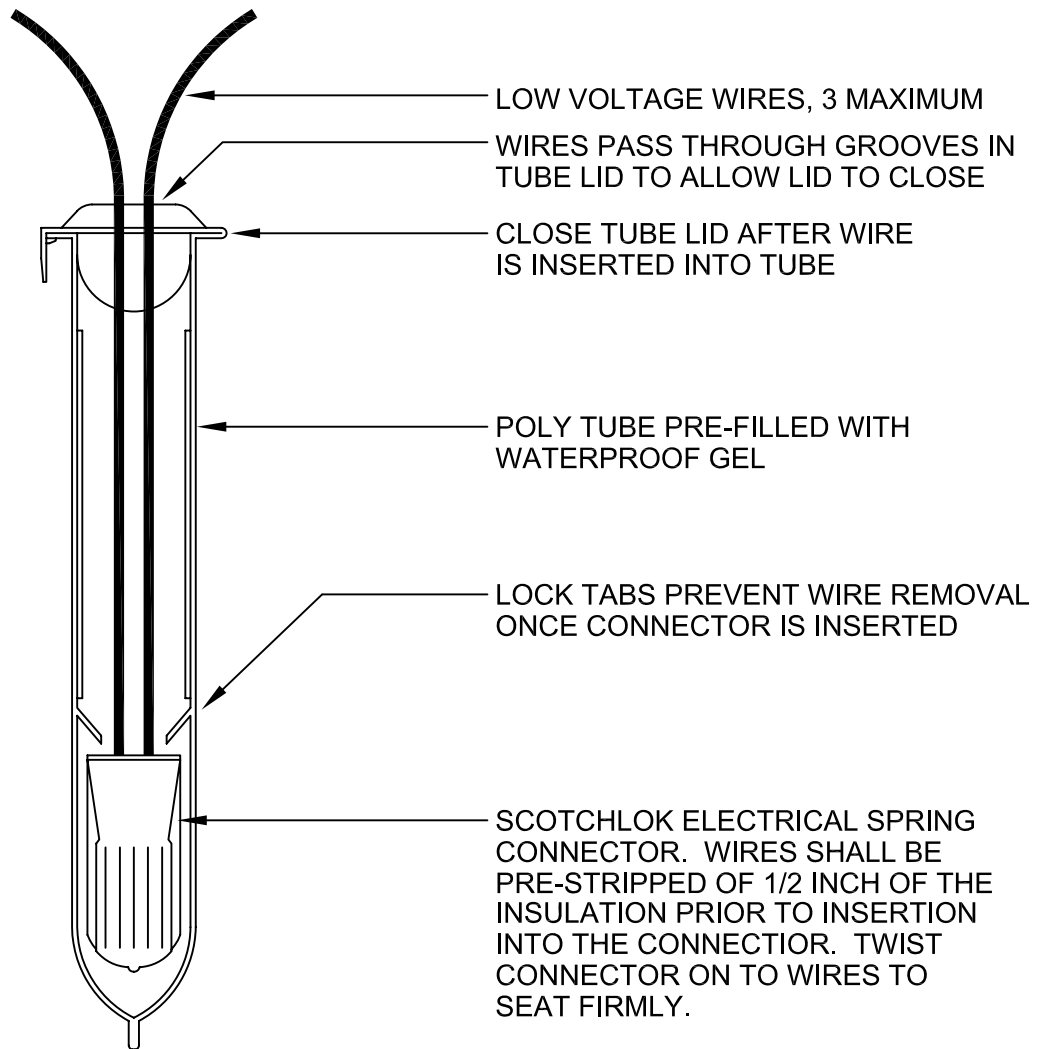
ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE. CALIFORNIA ELECTRICAL CODE.

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.

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



SCOTCHLOK CONNECTOR AND WIRES INSERTED INTO TUBE UNTIL THE CONNECTOR PASSES LOCK TABS


NOTE:

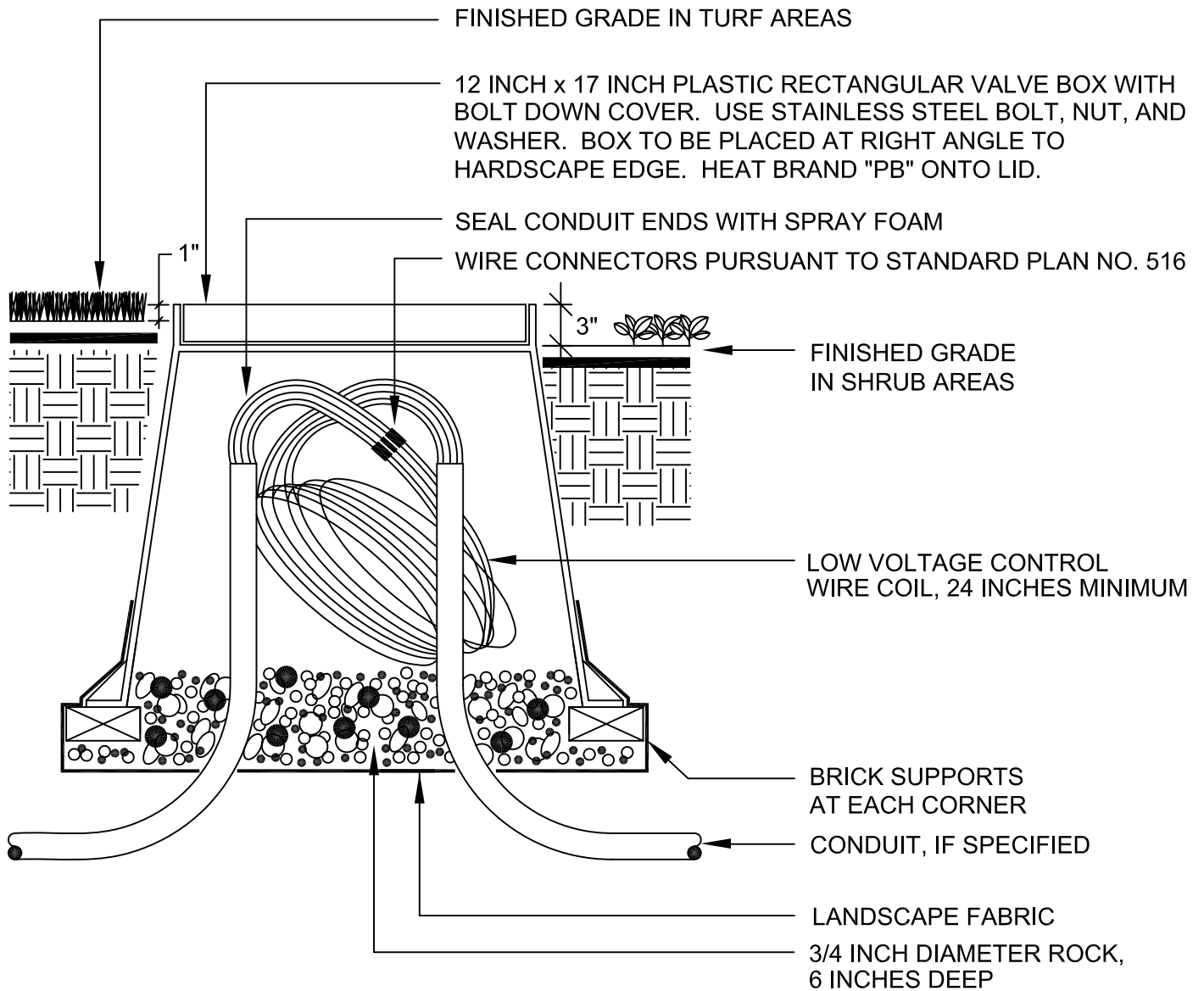
WIRE CONNECTOR SHALL BE A 3M DBY DIRECT BURY SPLICE KIT.

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.

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



SECTION VIEW - N.T.S.

NOTE:

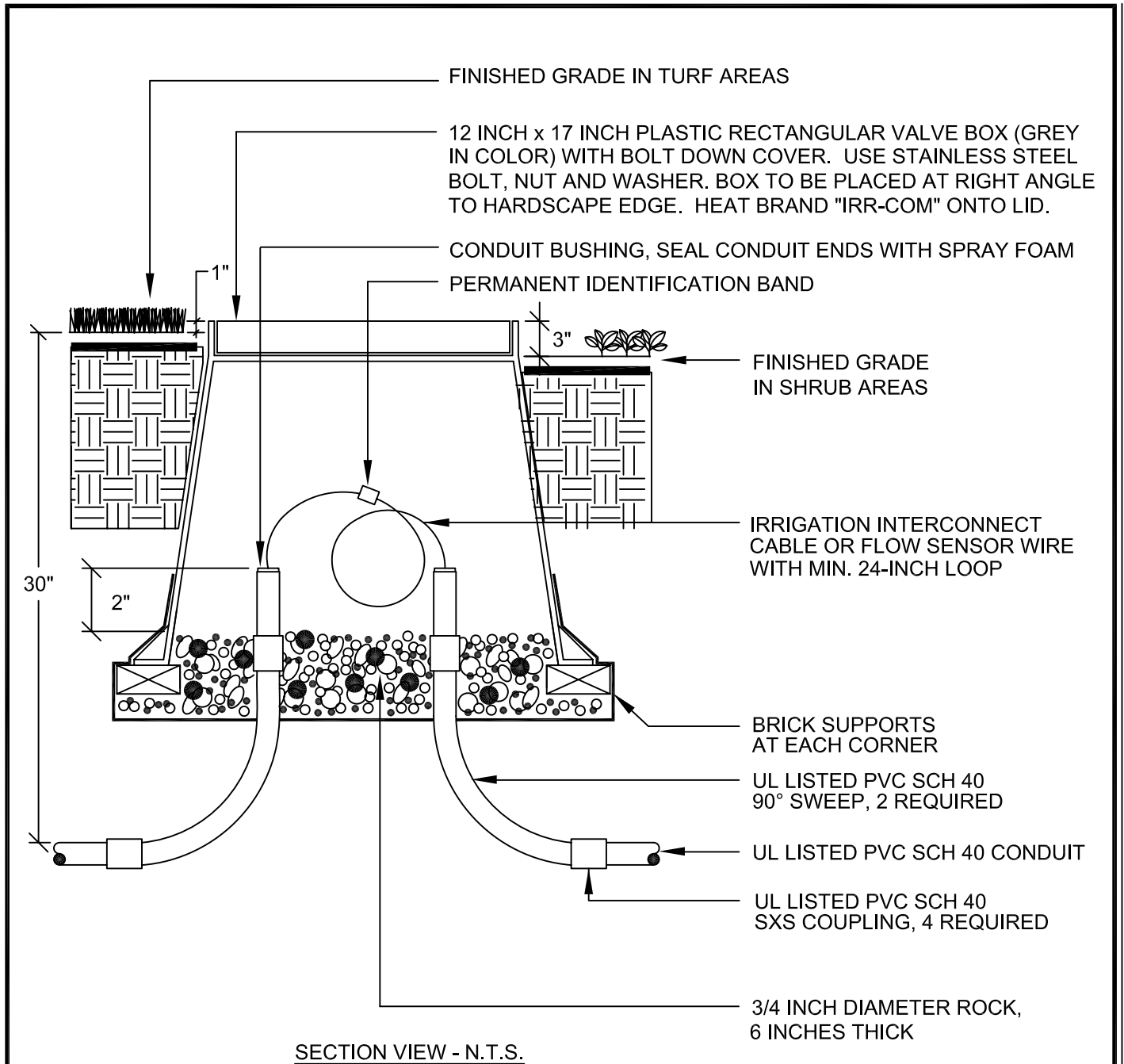
ALL CONTROL WIRE SPLICES SHALL BE INSTALLED INSIDE PULL BOXES.

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.

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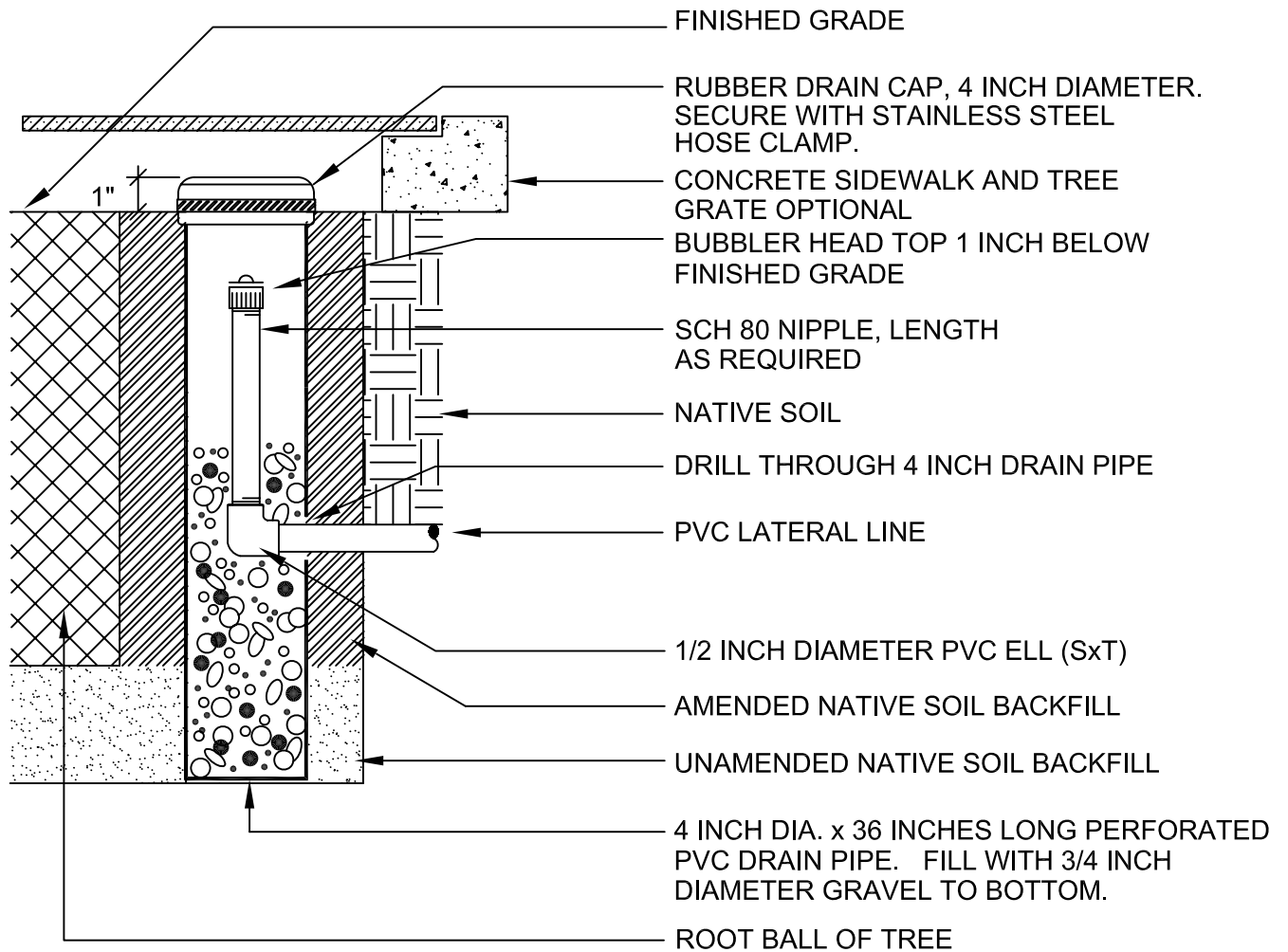
| | | |
|-----------|--|--|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | CONTROL WIRE PULL BOX | 517 |
| | <p style="text-align: center;"><i>Mark L. Carroll</i></p> <p>Approved by: Mark L. Carroll R.C.E. 31515 City Engineer</p> | <p style="text-align: center;">Date: 6-22-09</p> <p style="text-align: center;">Sheet 1 of 1</p> |



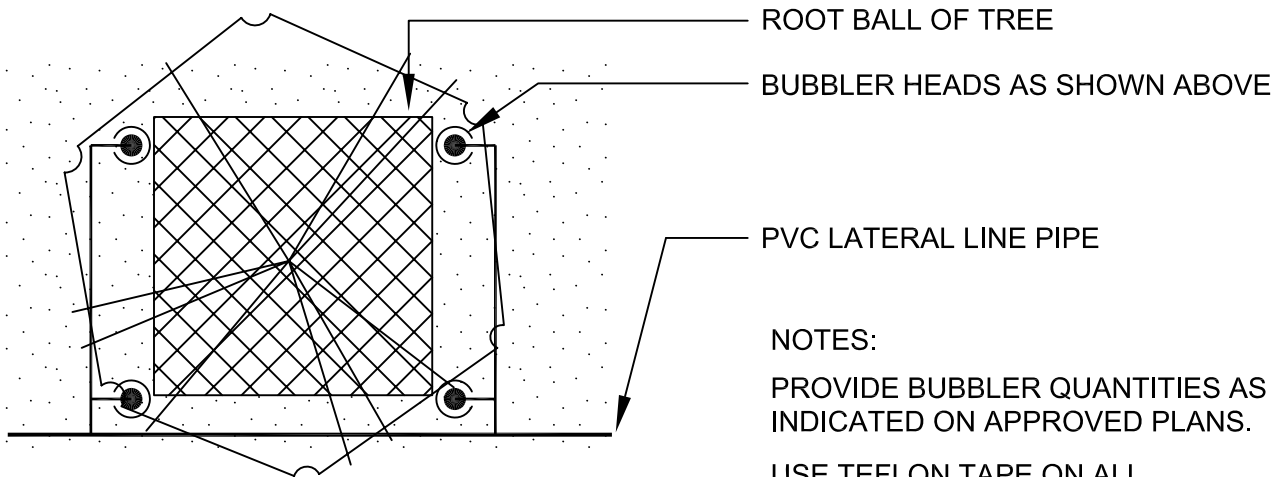
NOTE:
 THE ENDS OF CONDUIT SHALL BE CAPPED UNTIL PULLING OF CONDUCTORS IS STARTED
 WRAP LANDSCAPE FABRIC AROUND SIDES AND BOTTOM OF BOX TO COVER ALL OPENINGS.

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| | | |
|--------------|--|-------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | FLOW SENSOR & IRRIGATION INTERCONNECT CABLE | 518 |
| | <i>Mark L. Carroll</i> | |
| Approved by: | Mark L. Carroll R.C.E. 31515 City Engineer | Date: 6-22-09 |
| | | Sheet 1 of 1 |



SECTION VIEW - N.T.S.



PLAN VIEW - N.T.S.

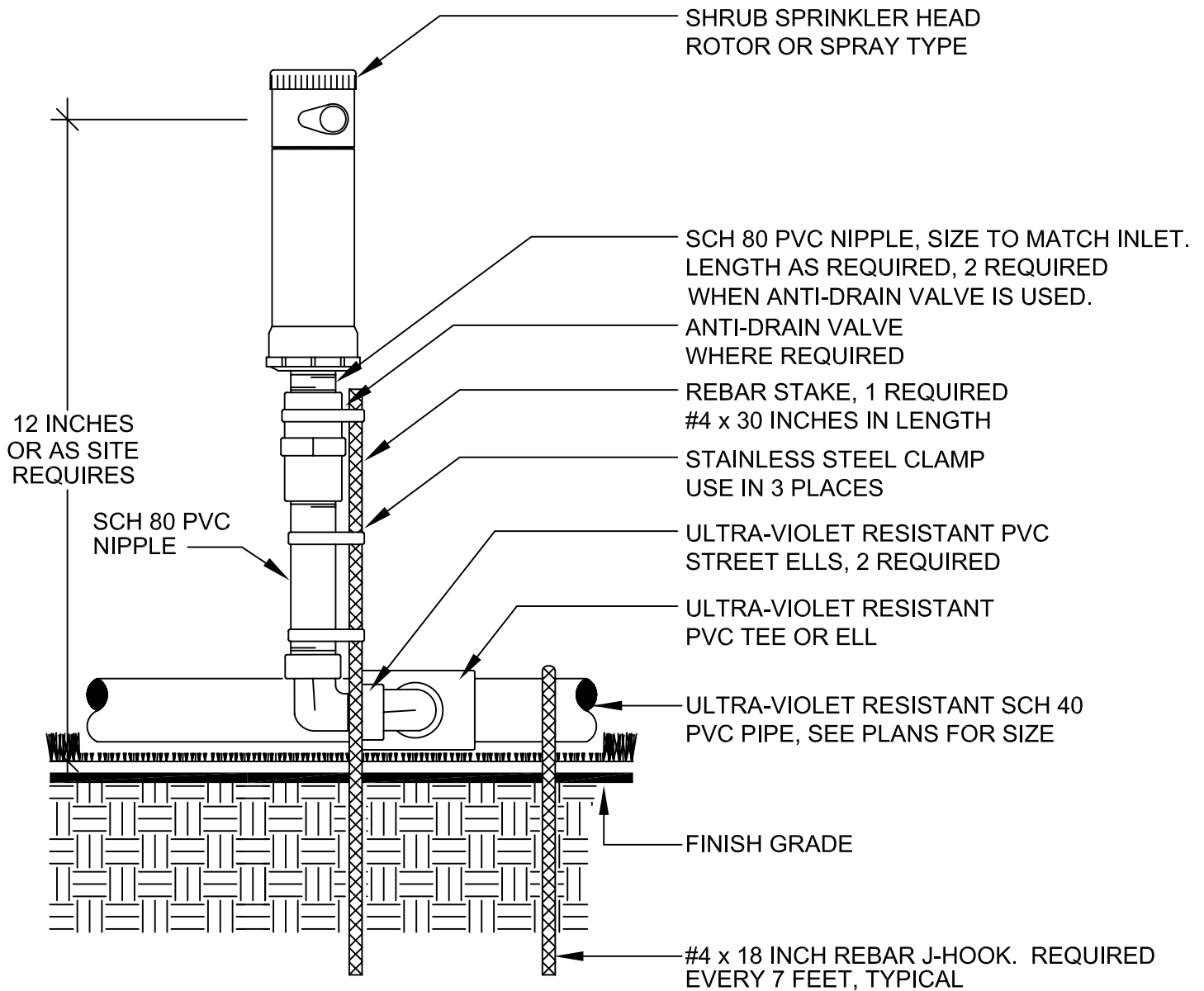
NOTES:

PROVIDE BUBBLER QUANTITIES AS INDICATED ON APPROVED PLANS.

USE TEFLON TAPE ON ALL THREADED FITTINGS.

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| | | |
|--------------|---|-------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | TREE BUBBLER | 519 |
| | <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 PIPE INSTALLED ON GRADE TO BE SCH 40 ULTRA-VIOLET RESISTANT PVC.

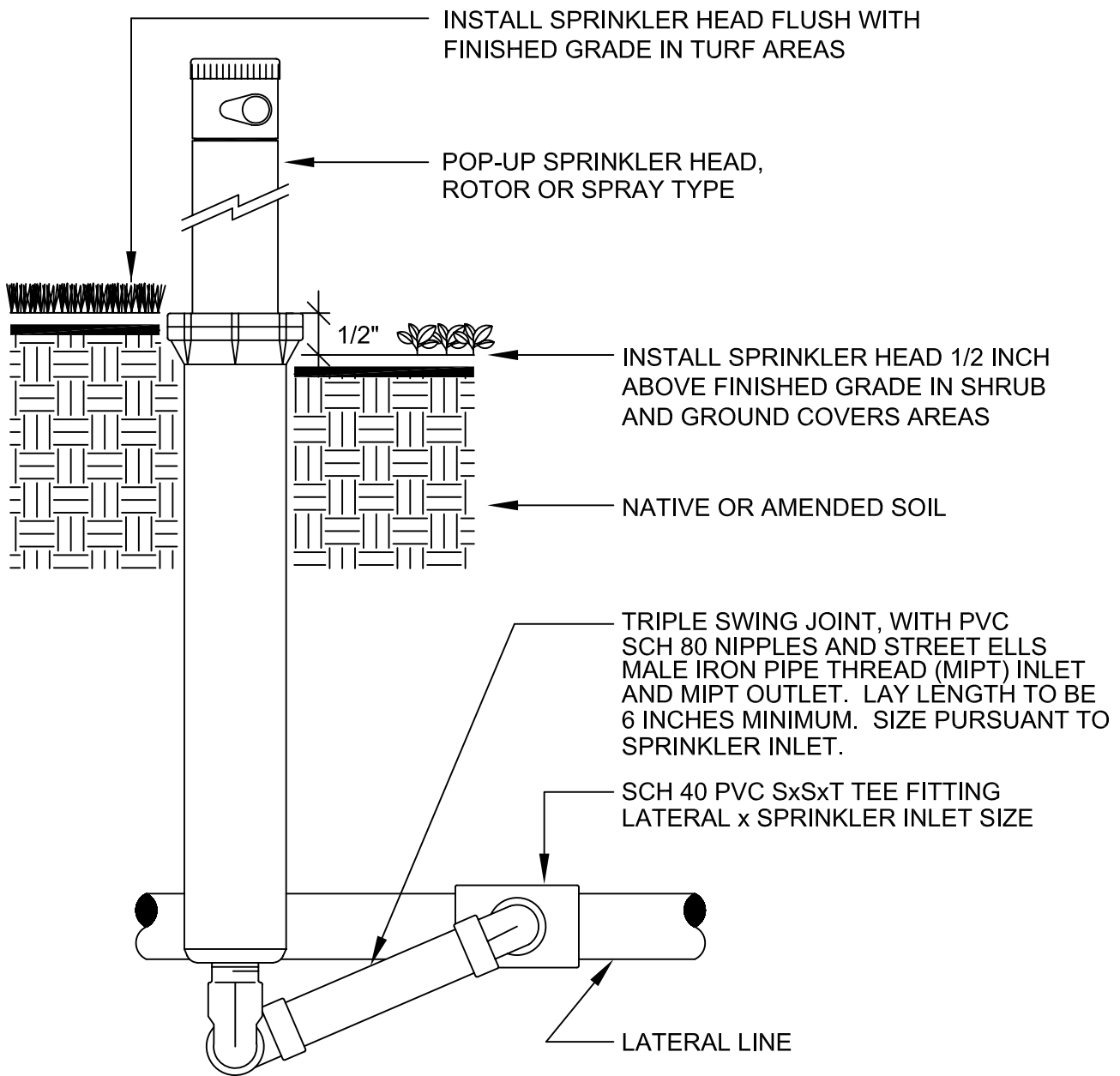
SPRINKLER HEAD ASSEMBLY TO BE INSTALLED PLUMB.

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

USE TEFLON TAPE ON ALL THREADED FITTINGS.

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




NOTE:

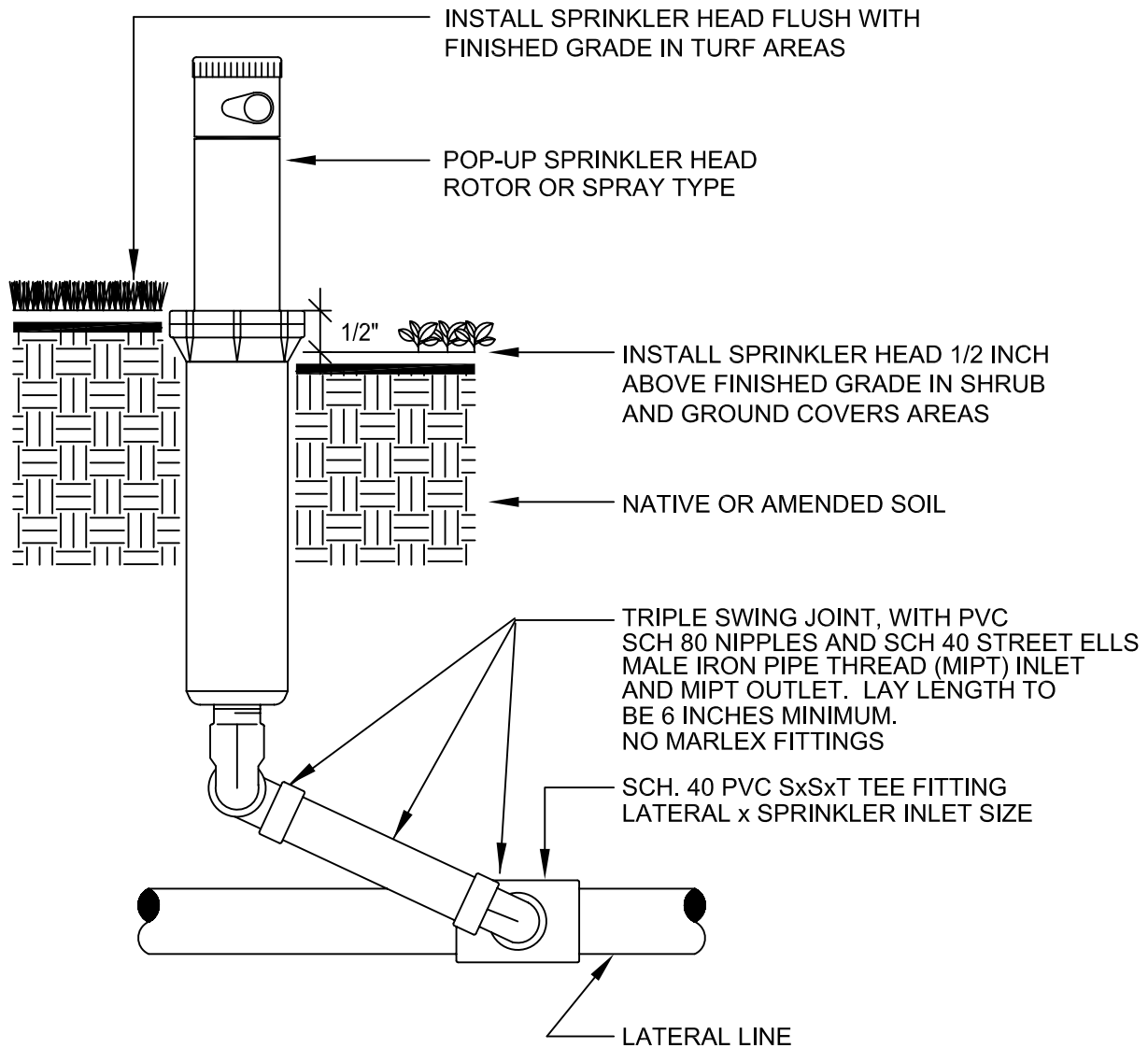
INSTALL SPRINKLER HEADS 6 INCHES FROM PAVING EDGE IN GROUND COVER AREAS.
 INSTALL SPRINKLER HEADS 4 INCHES FROM PAVING EDGE IN TURF AREAS.

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.

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




NOTE:

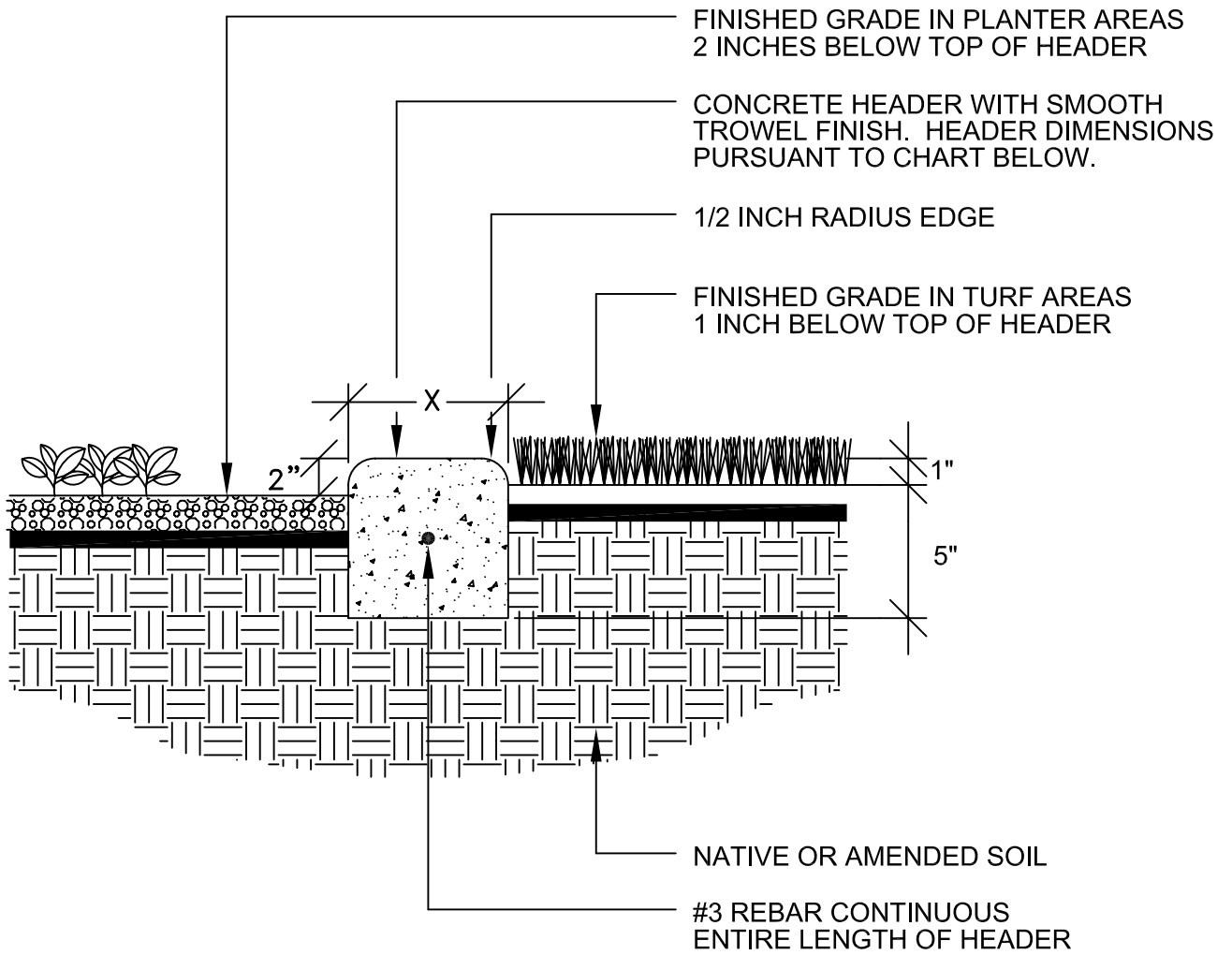
INSTALL SPRINKLER HEADS 2 INCHES FROM PAVING EDGE.

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.

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

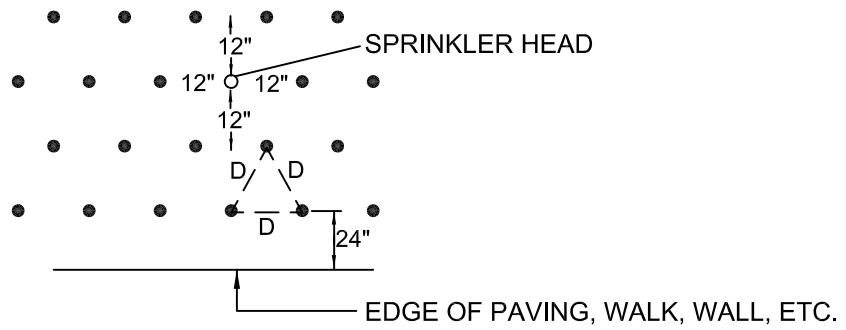


| | |
|-------------------------------|-----|
| CONCRETE HEADER WIDTH | X |
| AGAINST CURBS | 12" |
| AGAINST WALLS | 8" |
| BETWEEN TURF AND GROUND COVER | 6" |

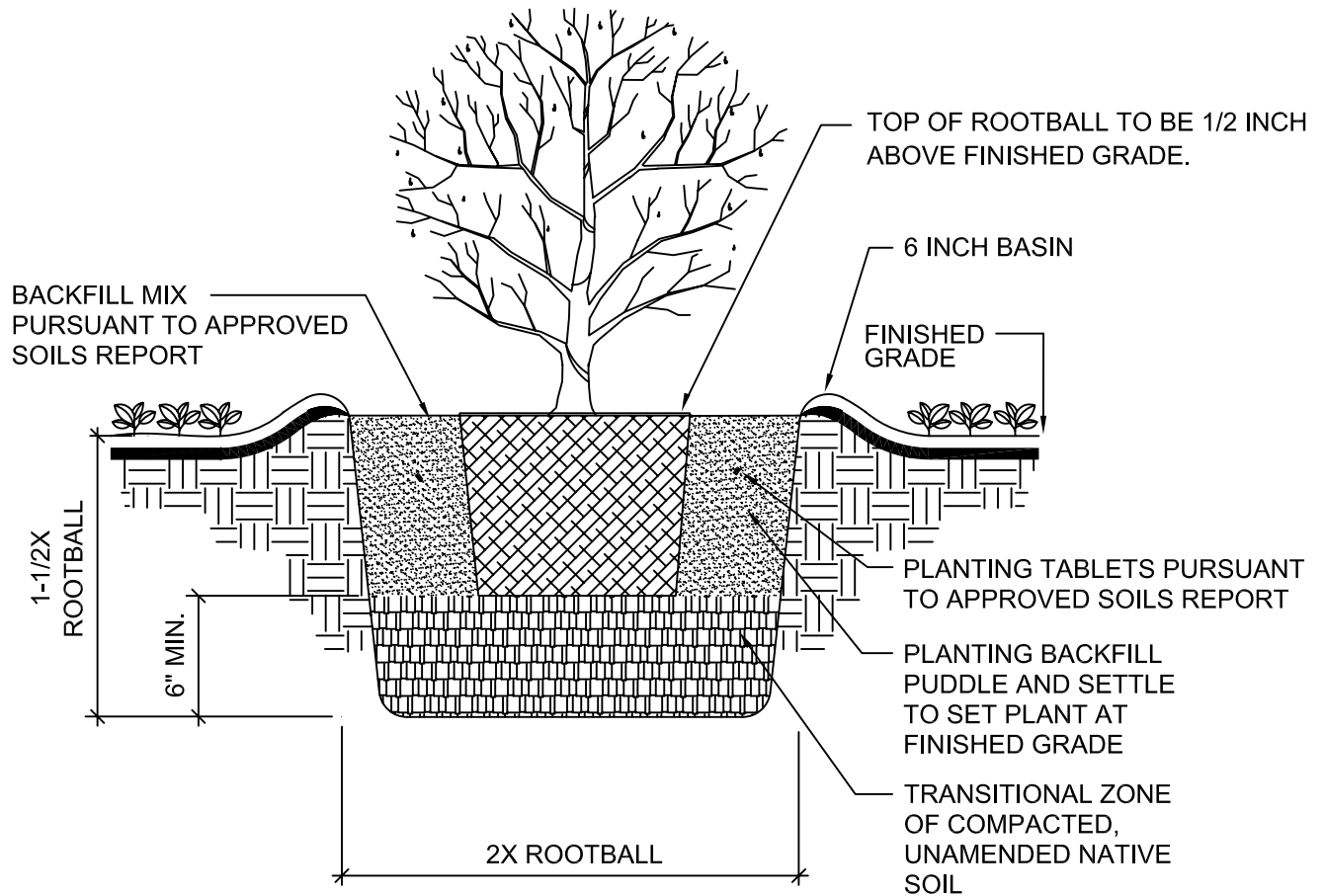
NOTE:
PROVIDE SCORE JOINTS AT 10'-0" ON CENTER.

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




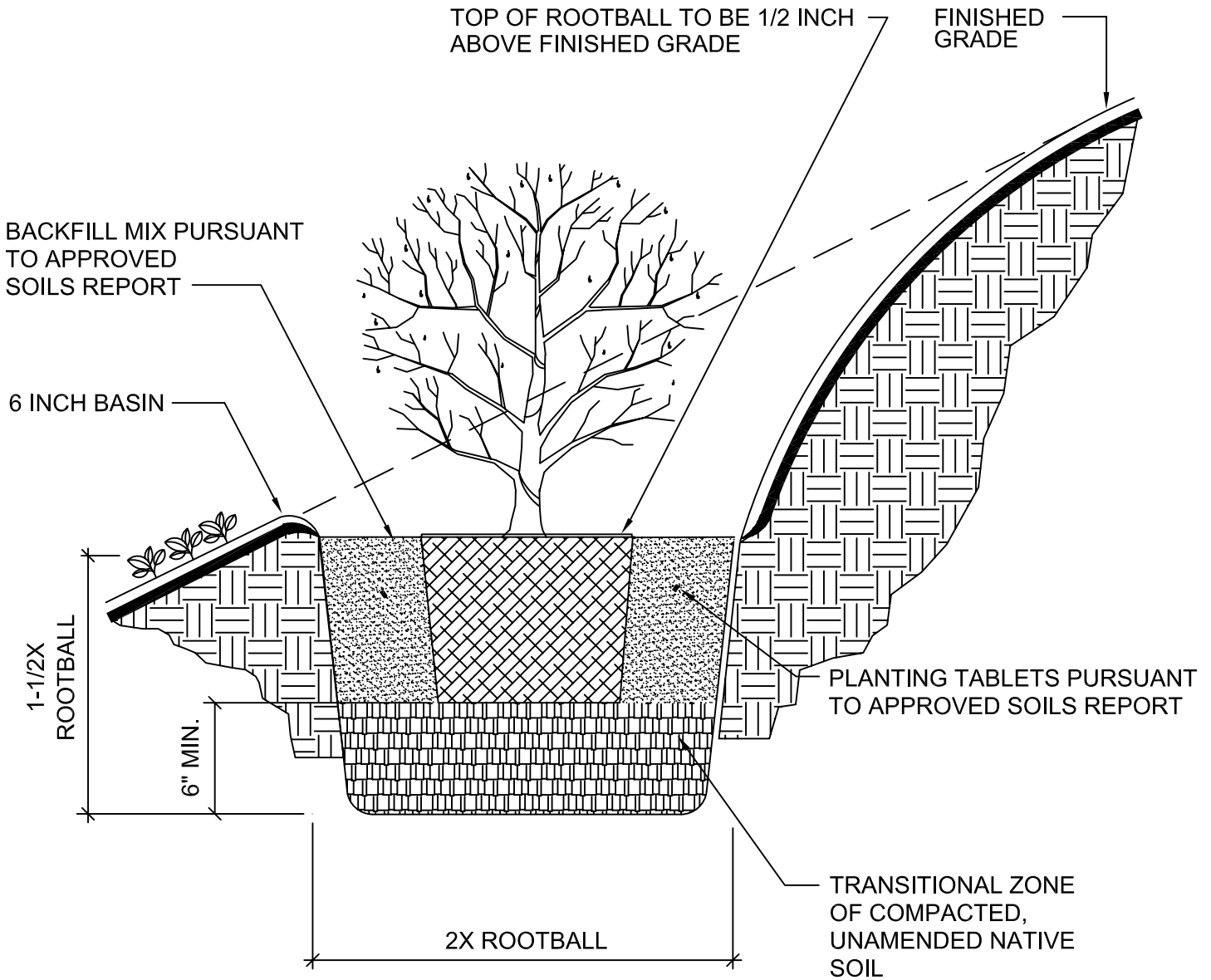
NOTE: LOCATE PLANTS SPACED EQUAL DISTANT (D) FROM EACH OTHER AS SHOWN ON PLANTING PLAN AND MINIMUM OF 12" FROM SPRINKLER HEAD.



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


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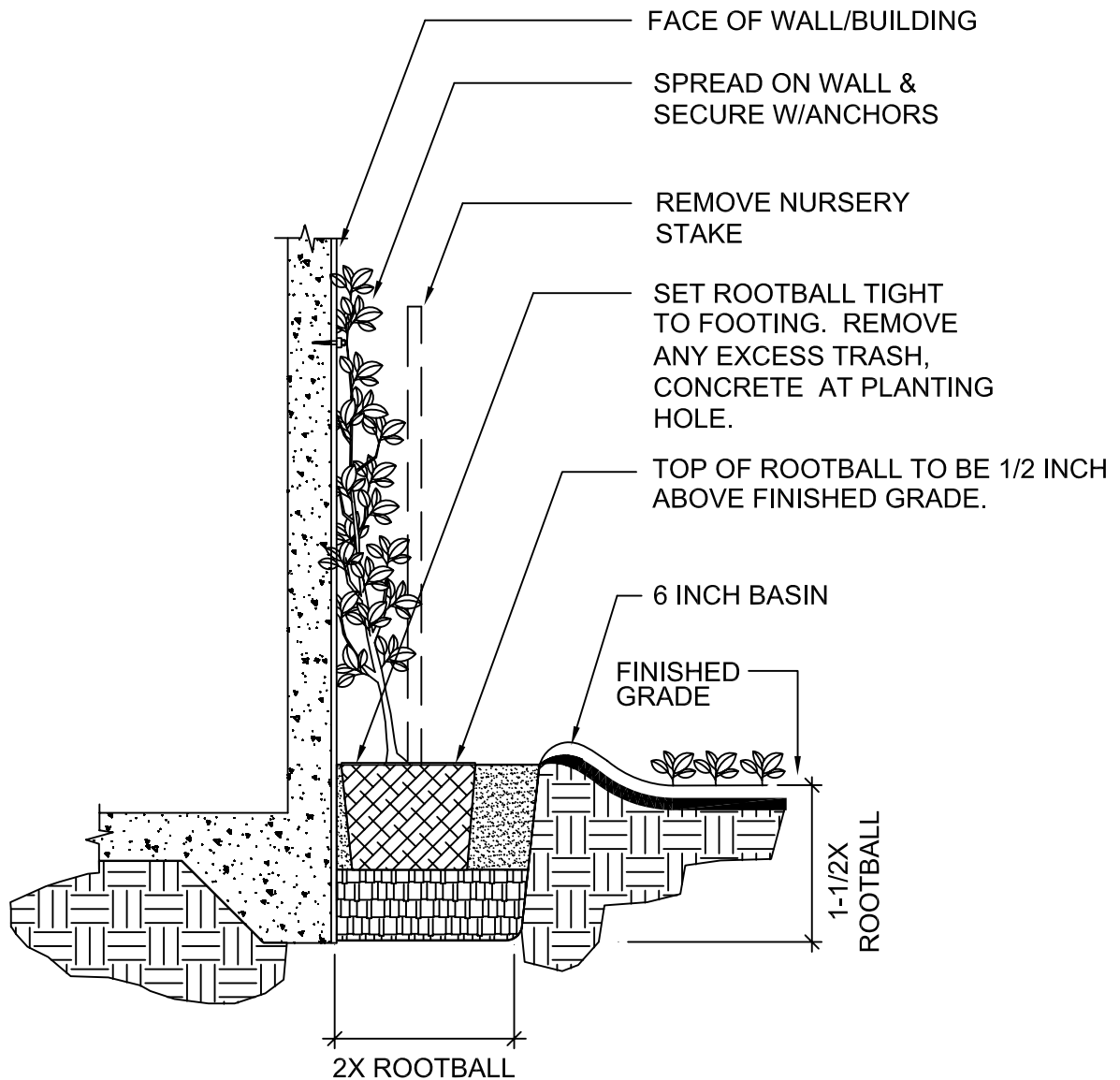
| | | |
|------------------|---|-----------------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | SHRUB PLANTING | 601 |
| |  Approved by: Mark L. Carroll R.C.E. 31515 City Engineer | |
| | Date: 6-22-09 | <small>Sheet 1 of 1</small> |



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


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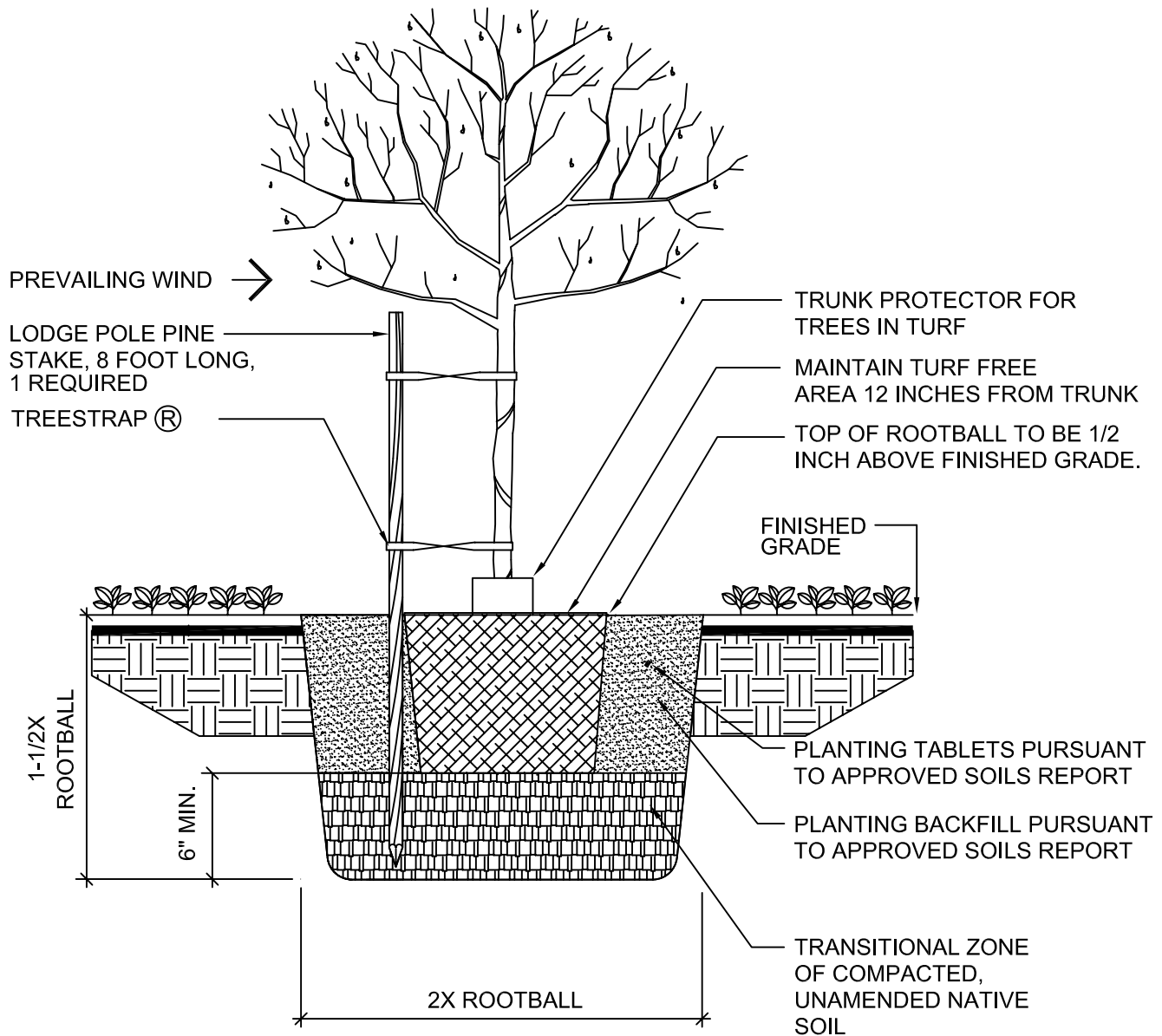
| | | |
|-----------|---|-------------------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | SHRUB PLANTING ON SLOPE | 602 |
| |  | |
| | Approved by: Mark L. Carroll R.C.E. 31515 City Engineer | Date: 6-22-09 Sheet 1 of 1 |



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


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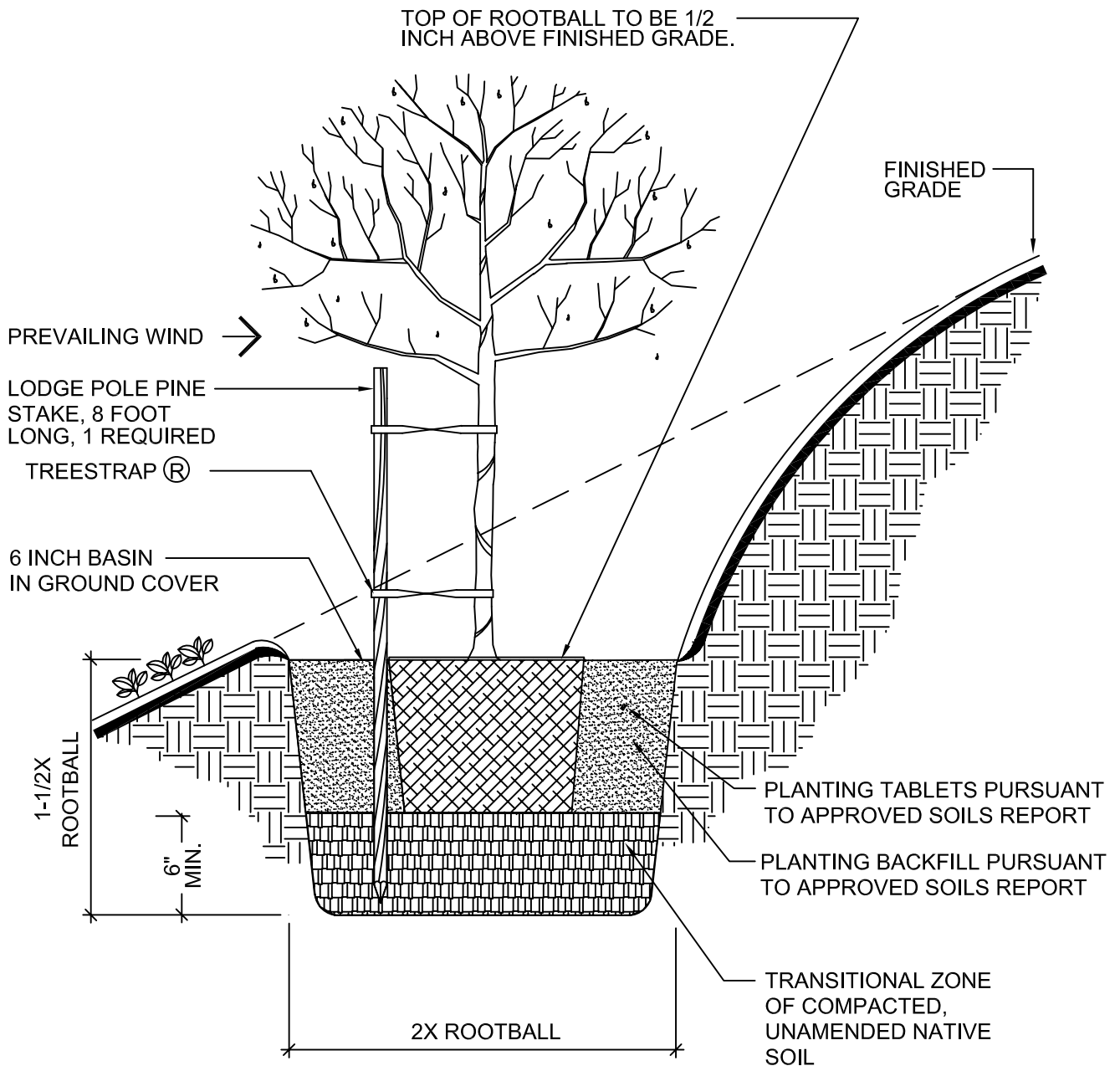
| | | |
|-----------|---|-------------------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | VINE PLANTING | 603 |
| |  | |
| | Approved by: Mark L. Carroll R.C.E. 31515 City Engineer | Date: 6-22-09 Sheet 1 of 1 |



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

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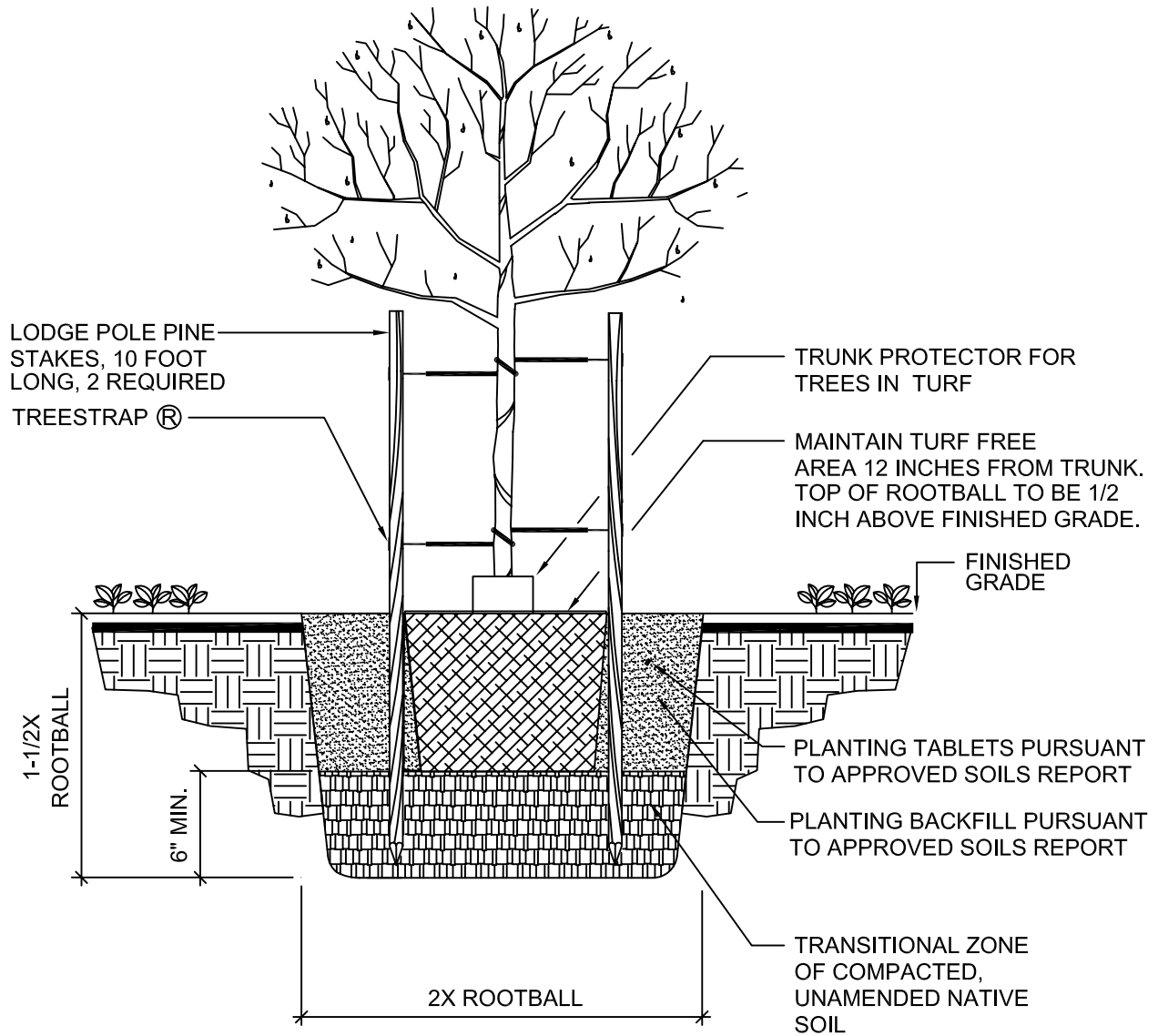
| | | |
|-----------|---|-------------------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | SINGLE STAKE TREE, 5 GALLON ONLY | 604 |
| |  | |
| | Approved by: Mark L. Carroll R.C.E. 31515 City Engineer | Date: 6-22-09 Sheet 1 of 1 |



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

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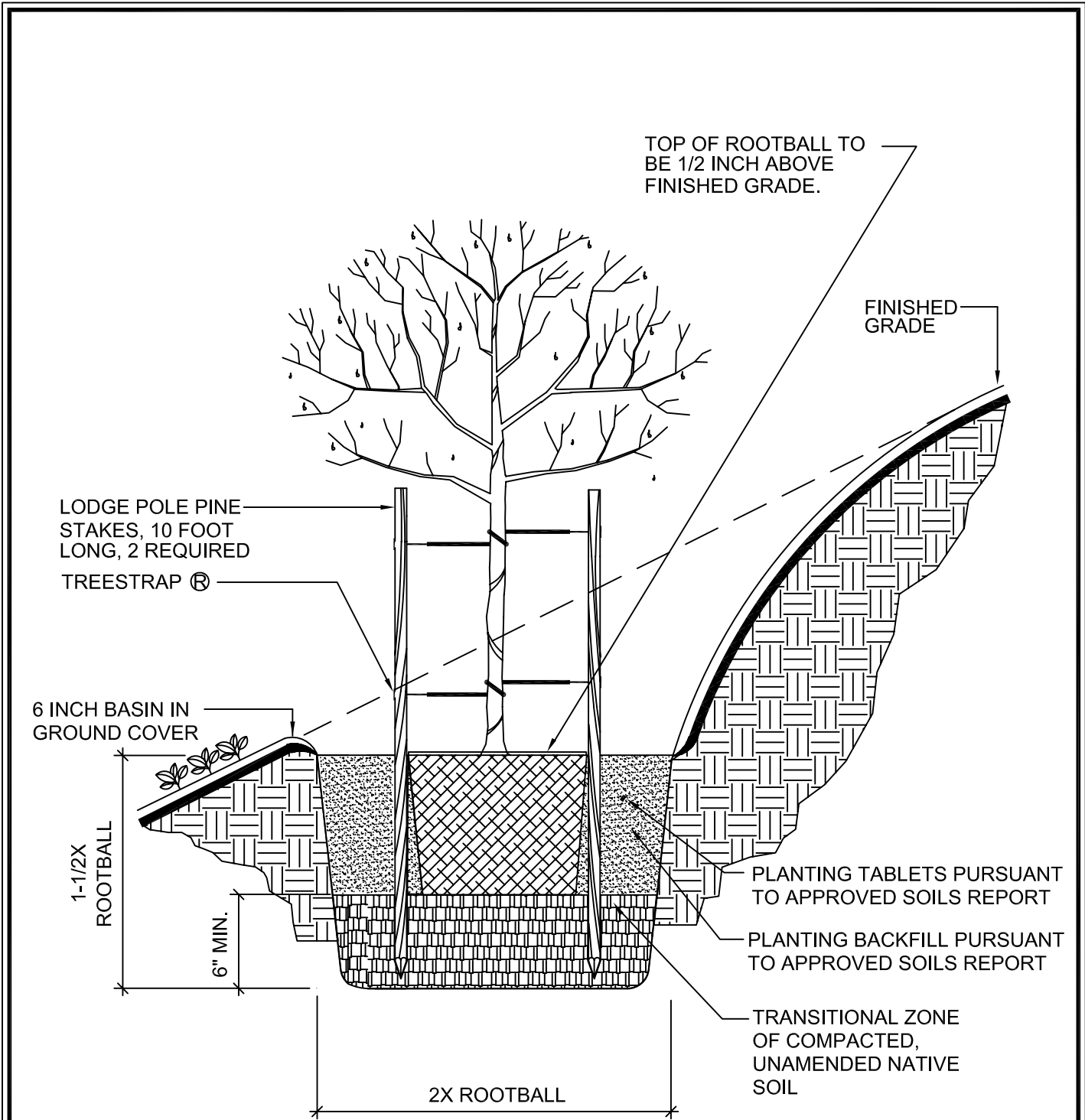
| | | |
|--------------|--|-------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | SINGLE STAKE TREE ON SLOPE, 5 GALLON ONLY | 605 |
| | <i>Mark L. Carroll</i> | |
| Approved by: | Mark L. Carroll R.C.E. 31515 City Engineer | Date: 6-22-09 |
| | | Sheet 1 of 1 |



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


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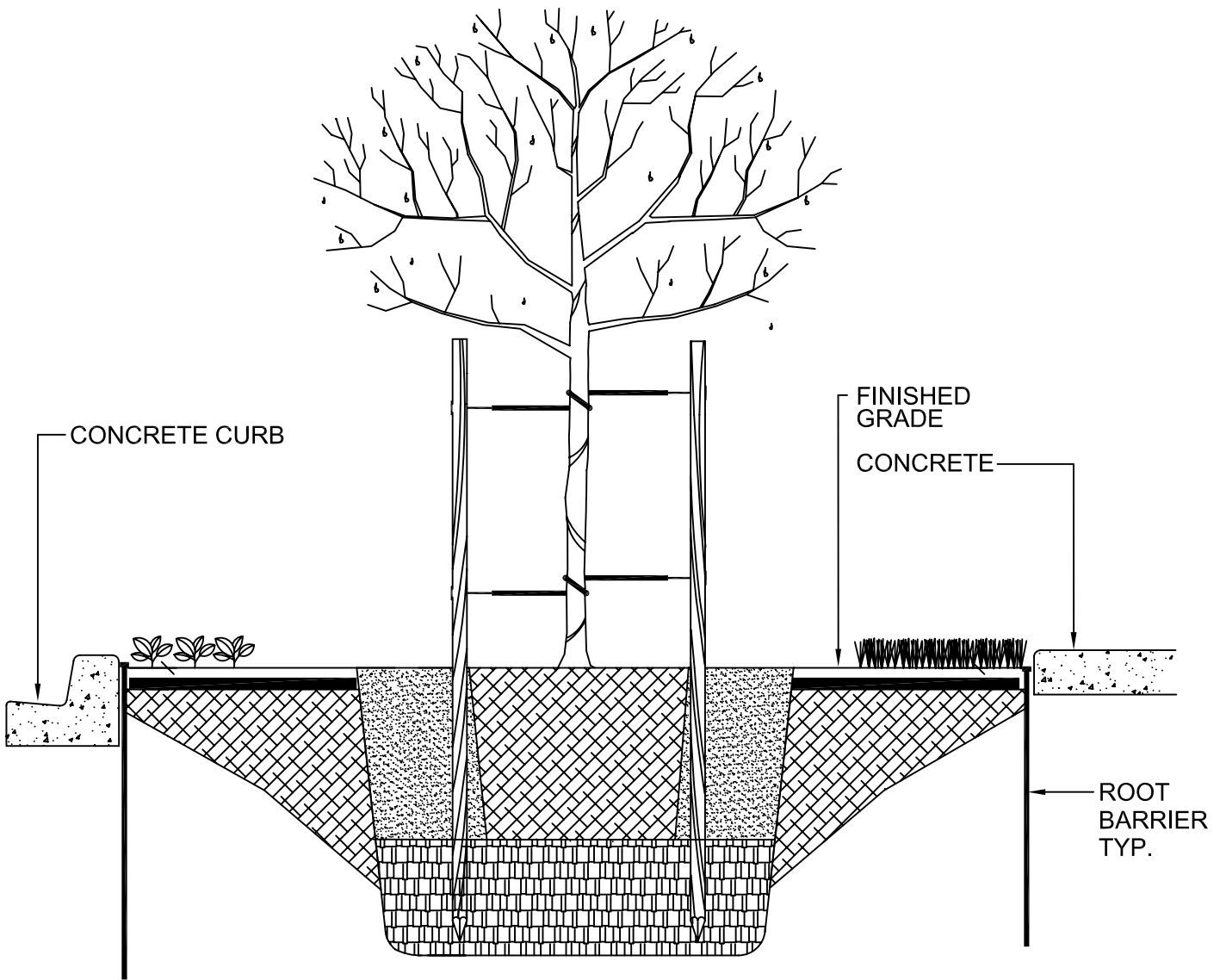
| | | |
|--------------|---|-------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | DOUBLE STAKE TREE, 15 GAL. & 24 INCH BOX | 606 |
| | <i>Mark L. Carroll</i> | Sheet 1 of 1 |
| Approved by: | Mark L. Carroll R.C.E. 31515 City Engineer | Date: 6-22-09 |



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

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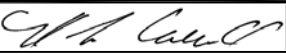
| | | |
|--------------|---|-------------------|
| REVISIONS | CITY OF IRVINE | STANDARD PLAN NO. |
| | DOUBLE STAKE TREE ON SLOPE, 15 GAL. & 24" BOX | 607 |
| |  | |
| Approved by: | Mark L. Carroll R.C.E. 31515 City Engineer | Date: 6-22-09 |
| | | Sheet 1 of 1 |

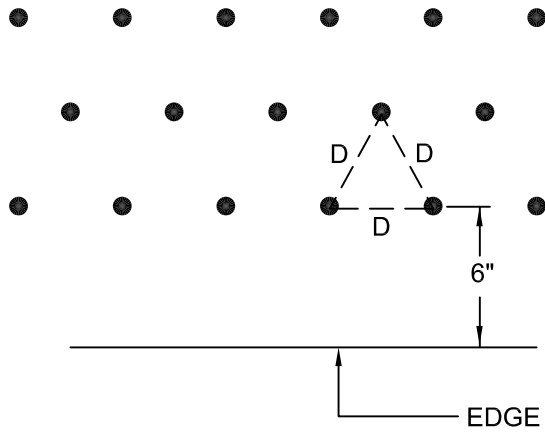


NOTE:

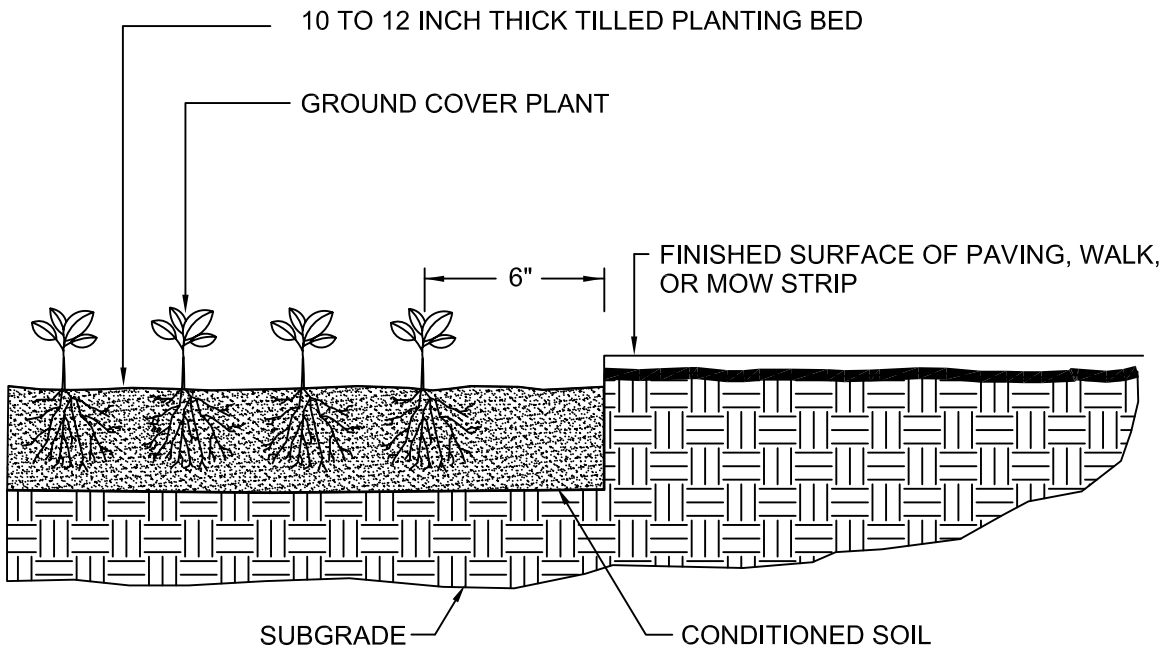
1. TOP OF ROOT CONTROL BARRIER MUST BE AT GRADE.
2. POSITION ROOT CONTROL BARRIER ADJACENT TO STRUCTURE.
3. RAISED ROOT DEFLECTORS MUST BE FACING PLANTED AREA.
4. PROVIDE A MIN. OF 12 FEET OF ROOT BARRIER EACH SIDE OF TREE TRUNK.
5. ROOT BARRIER SHALL EXTEND A MIN. OF 18 INCHES BELOW GRADE ON WALK SIDE.
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.

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



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



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| | | |
|-----------|---|-------------------------------|
| 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 |