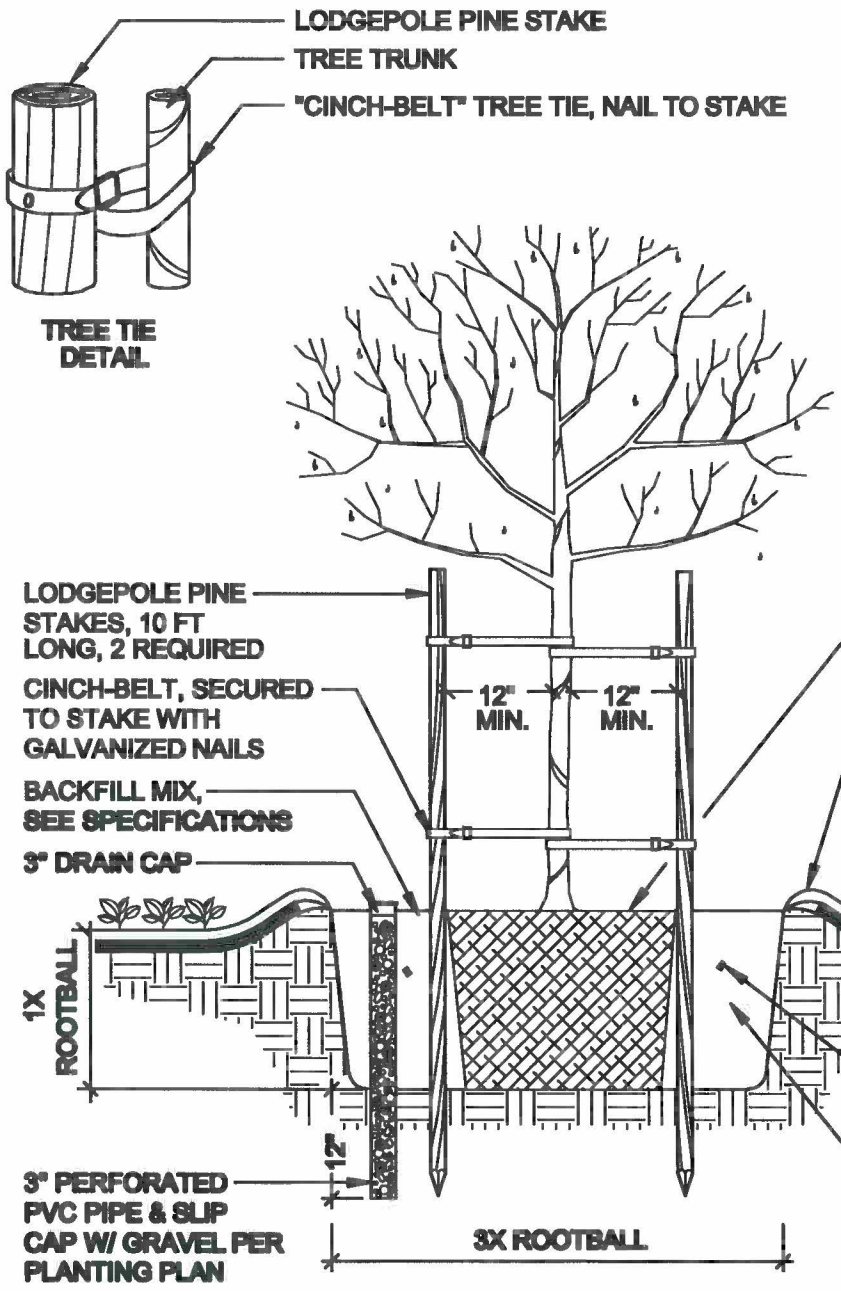
H. STANDARD PLANTING DETAILS

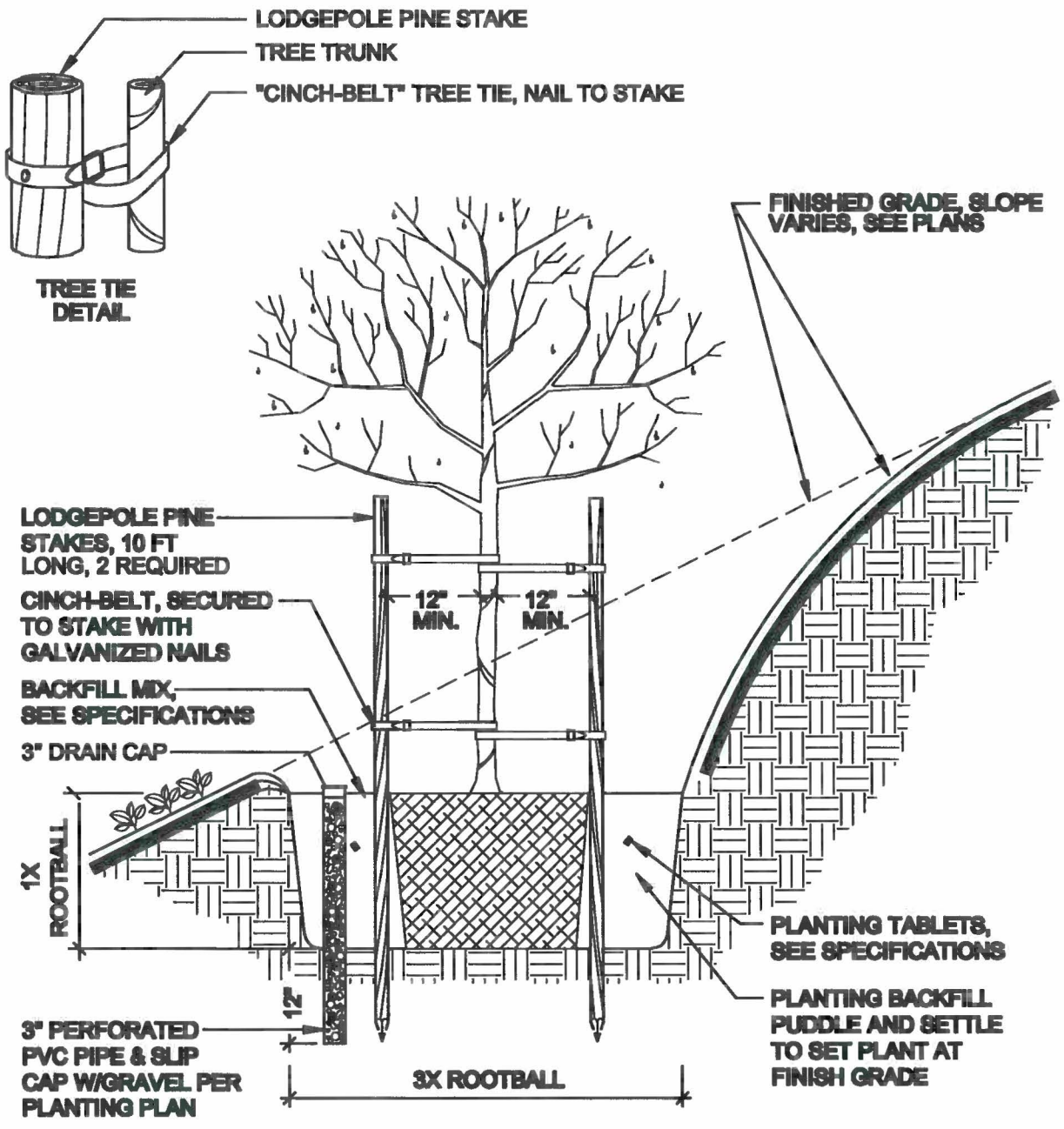
The MCSD standard planting details are provided on the compact disc as "DWG" files in AutoCAD 2000 format. The details are also included in this book as images inserted into the document for reference purposes only, all landscape design for MCSD projects shall be prepared using AutoCAD drafting software. The details must be used as they are found on the compact disc and must not be altered in any way. These details are for use only for projects in the MCSD jurisdiction.

Detail No.	Detail Description	Drawing Name
SLD001	Double Stake Tree 5 Gal., 15 Gal., 24" Box	SLD001.DWG
SLD002	Double Stake Tree on Slope 5 Gal., 15 Gal., 24" Box	SLD002.DWG
SLD003	Triple Stake Tree 30" Box Size or Greater	SLD003.DWG
SLD004	Multi-Trunk Tree 24" Box Size or Greater	SLD004.DWG
SLD005	Tree Root Barrier	SLD005.DWG
SLD006	Shrub Planting	SLD006.DWG
SLD007	Shrub Planting on Slope	SLD007.DWG
SLD008	Vine Planting	SLD008.DWG
SLD009	Ground Cover Planting	SLD009.DWG
SLD010	Concrete Header	SLD010.DWG
SLD011	Mulch Layer	SLD011.DWG
SLD012	Boulder Installation	SLD012.DWG
SLD013	Decomposed Granite Path	SLD013.DWG
SLD014	Planting Adjacent to Roadway	SLD014.DWG
SLD015	Maintenance Walk at Base of Slope	SLD015.DWG
SLD016	Slope Drainage Adjacent to Turf Areas	SLD016.DWG



NOTE:
ALL PLANT BASINS SHALL RECEIVE A 4" DEEP LAYER OF APPROVED MULCH.

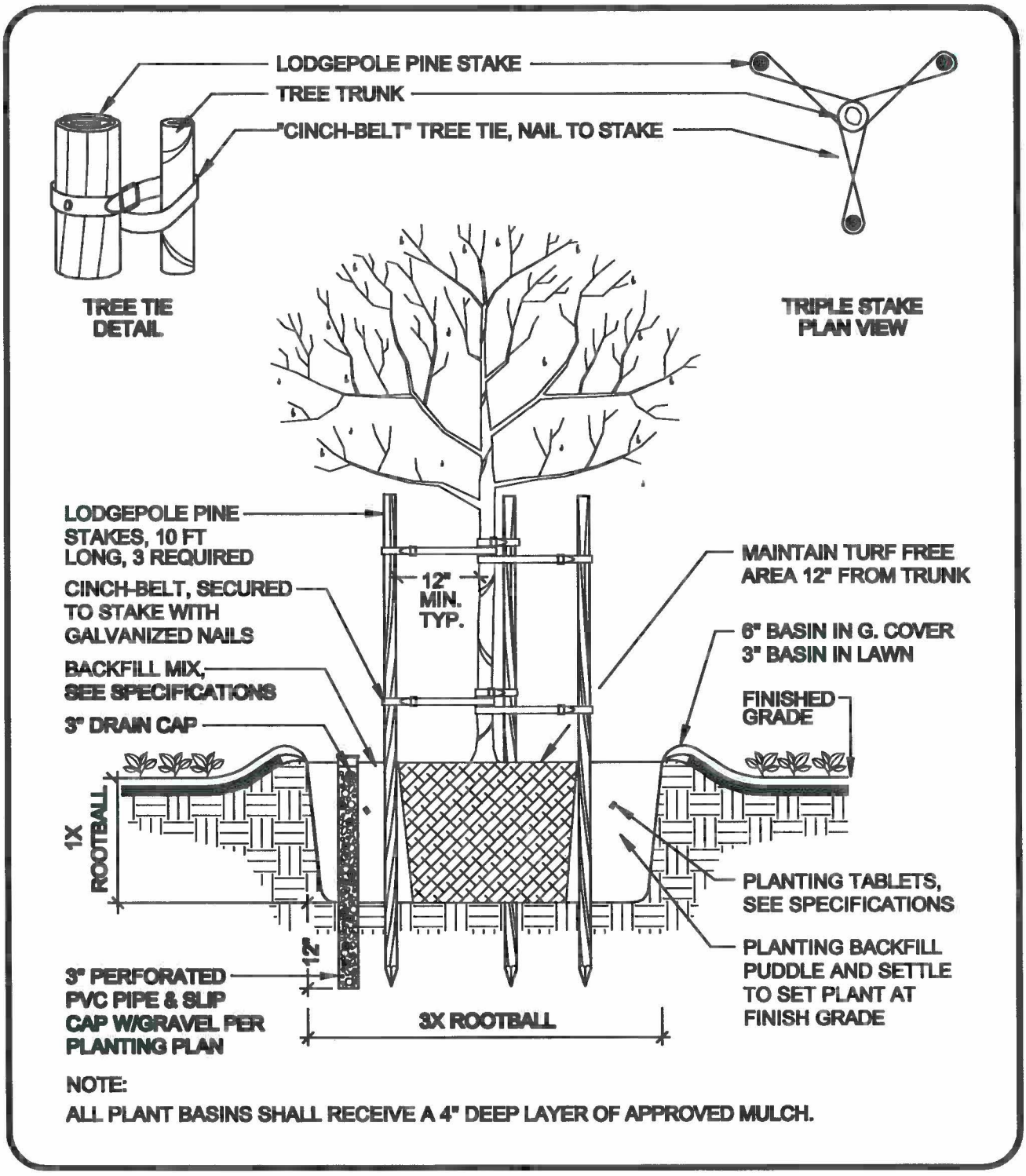
Murrieta	CITY OF MURRIETA	NO SCALE
	DOUBLE STAKE TREE 5 GAL., 15 GAL., 24" BOX	SLD001
		JANUARY 2014



NOTE:

ALL PLANT BASINS SHALL RECEIVE A 4" DEEP LAYER OF APPROVED MULCH.

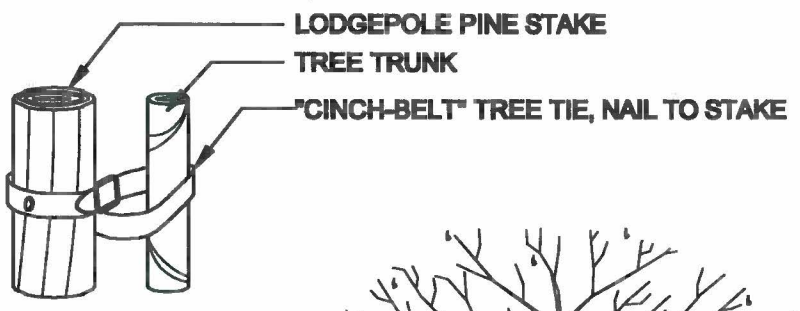
	CITY OF MURRIETA	NO SCALE
Murrieta	DOUBLE STAKE TREE ON SLOPE 5 GAL., 15 GAL., 24" BOX	SLD002
		JANUARY 2014



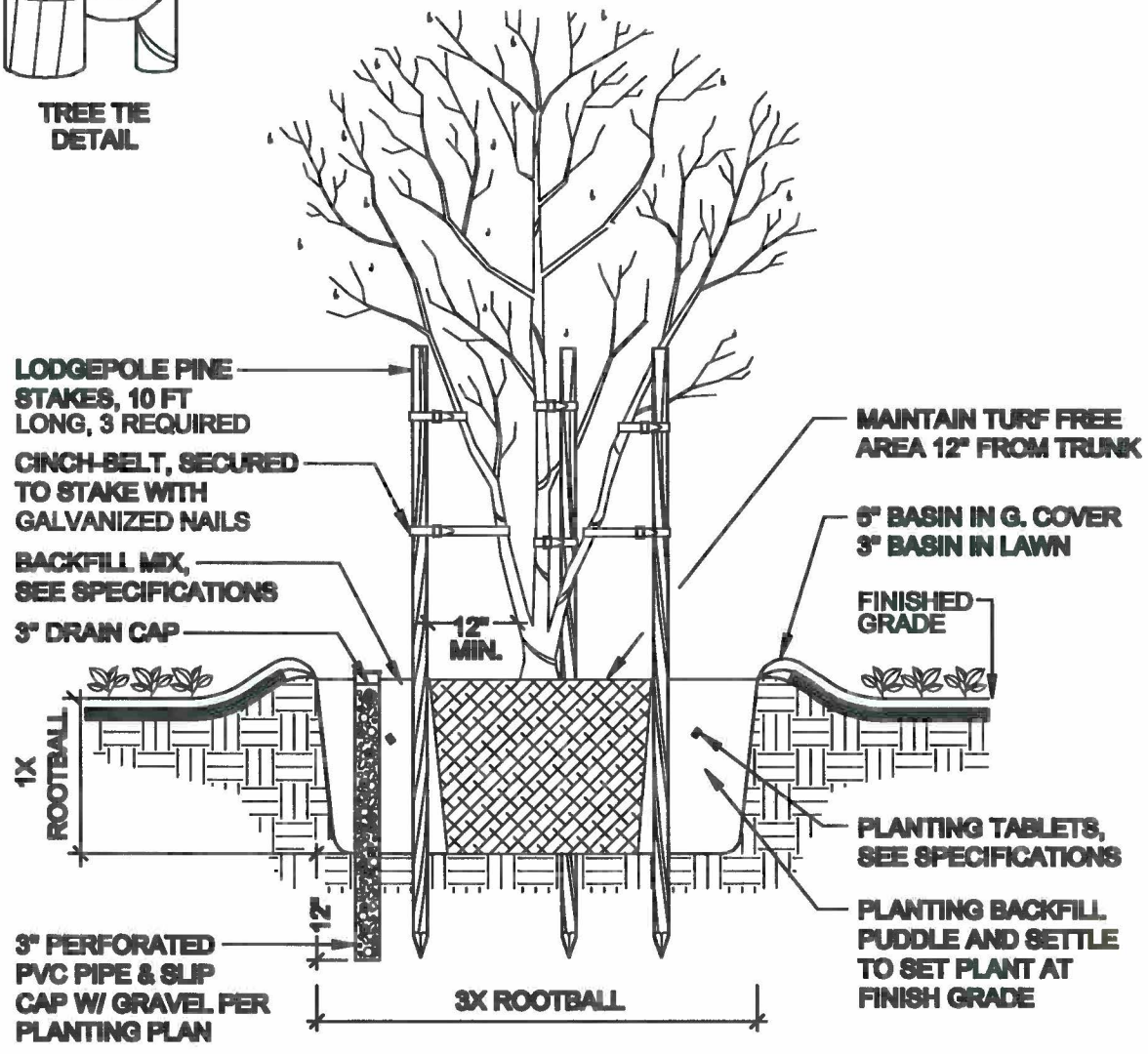
NOTE:

ALL PLANT BASINS SHALL RECEIVE A 4" DEEP LAYER OF APPROVED MULCH.

Murrieta	CITY OF MURRIETA	NO SCALE
	TRIPLE STAKE TREE 30" BOX SIZE OR GREATER	SLD003
		JANUARY 2014



TREE TIE DETAIL

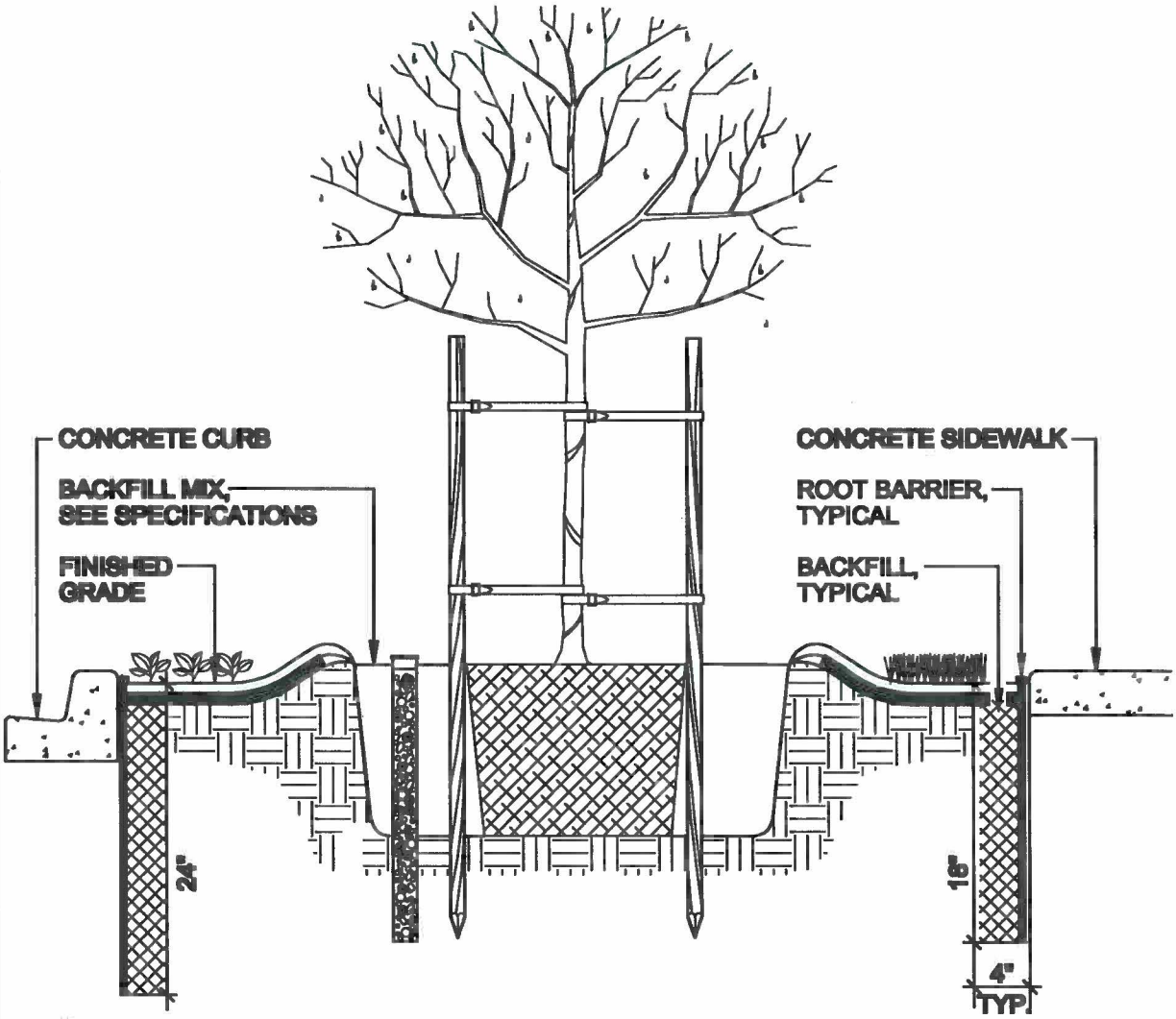


NOTE:
ALL PLANT BASINS SHALL RECEIVE A 4" DEEP LAYER OF APPROVED MULCH.

	CITY OF MURRIETA	NO SCALE
Murrieta	MULTI-TRUNK TREE 24" BOX SIZE OR GREATER	SLD004
		JANUARY 2014

NOTE:

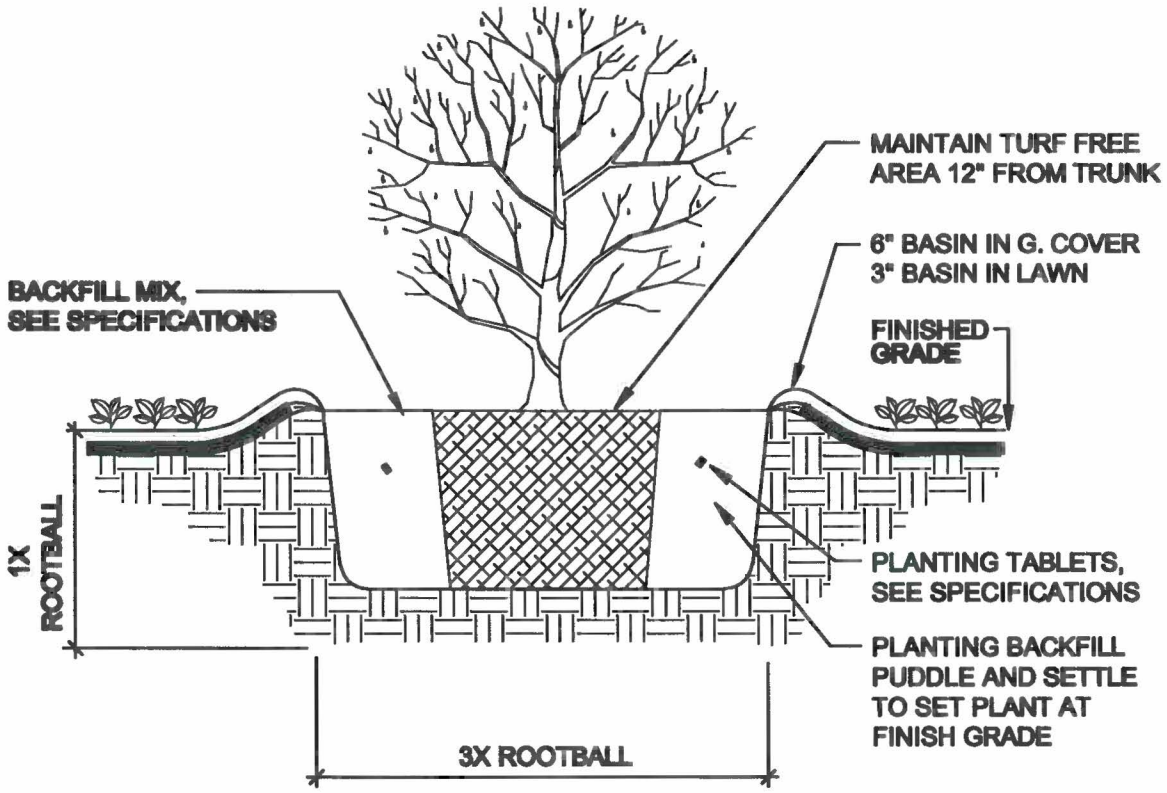
1. TOP OF ROOT CONTROL BARRIER MUST BE AT GRADE.
2. POSITION ROOT CONTROL BARRIER ADJACENT TO STRUCTURE.
3. BIO-BARRIER ROOT INHIBITORS MUST BE FACING PLANTED AREA.
4. BARRIER SHALL EXTEND A MIN. OF 6" BELOW BOTTOM OF HARDSCAPE.
5. PROVIDE A MIN. OF 20 FEET OF ROOT BARRIER PER TREE.
6. ROOT BARRIER SHALL BE A MIN. OF 18" BELOW GRADE ON WALK SIDE.
7. ROOT BARRIER SHALL BE A MIN. OF 24" BELOW GRADE ON CURB SIDE.



NOTE:

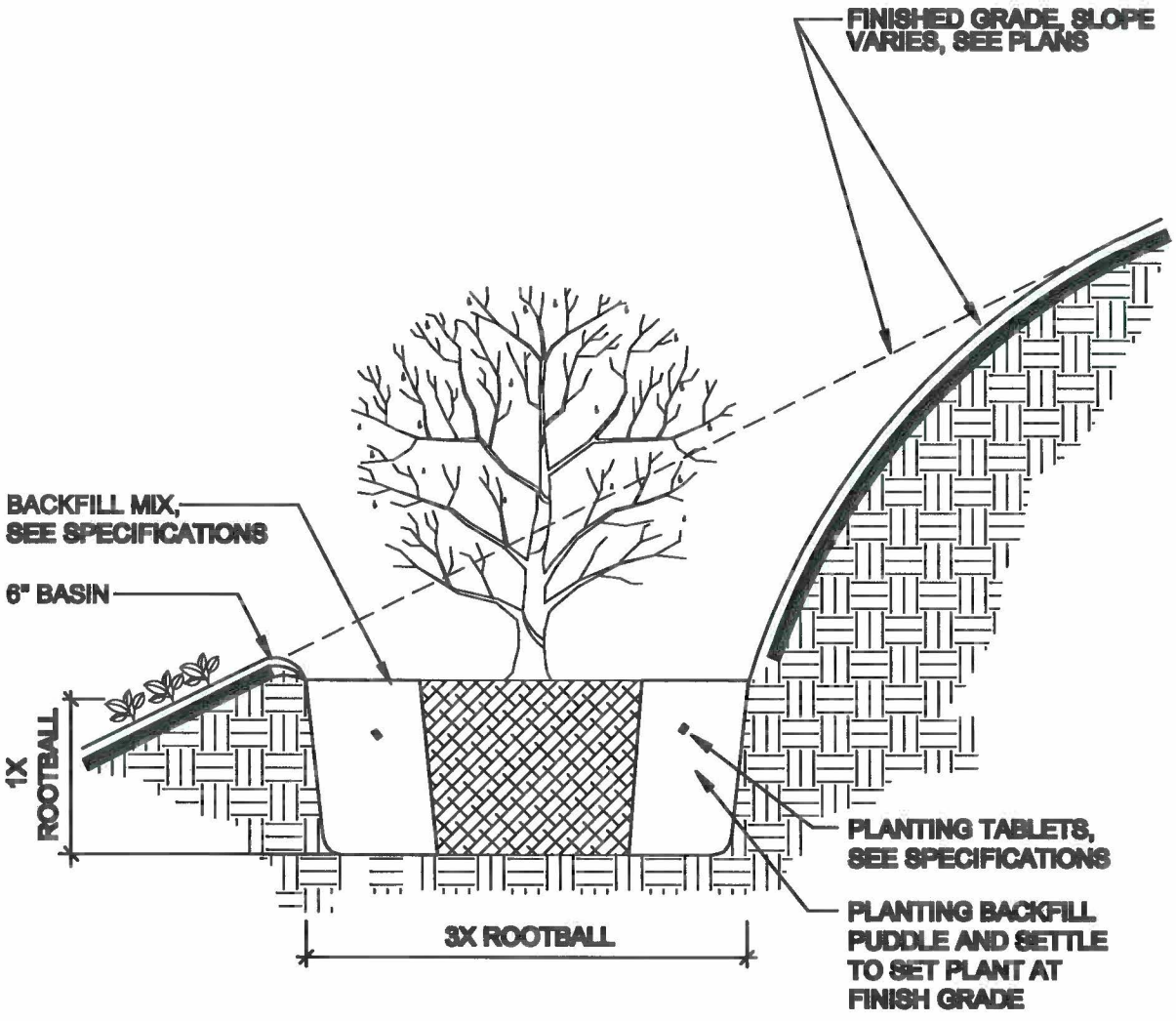
DETAIL IS FOR THE INSTALLATION OF BIO-BARRIER ROOT BARRIERS ONLY, REFER TO THE TREE DETAILS FOR INSTALLATION INSTRUCTIONS FOR TREES.

	CITY OF MURRIETA	NO SCALE
Murrieta	TREE ROOT BARRIER	SLD005
		JANUARY 2014



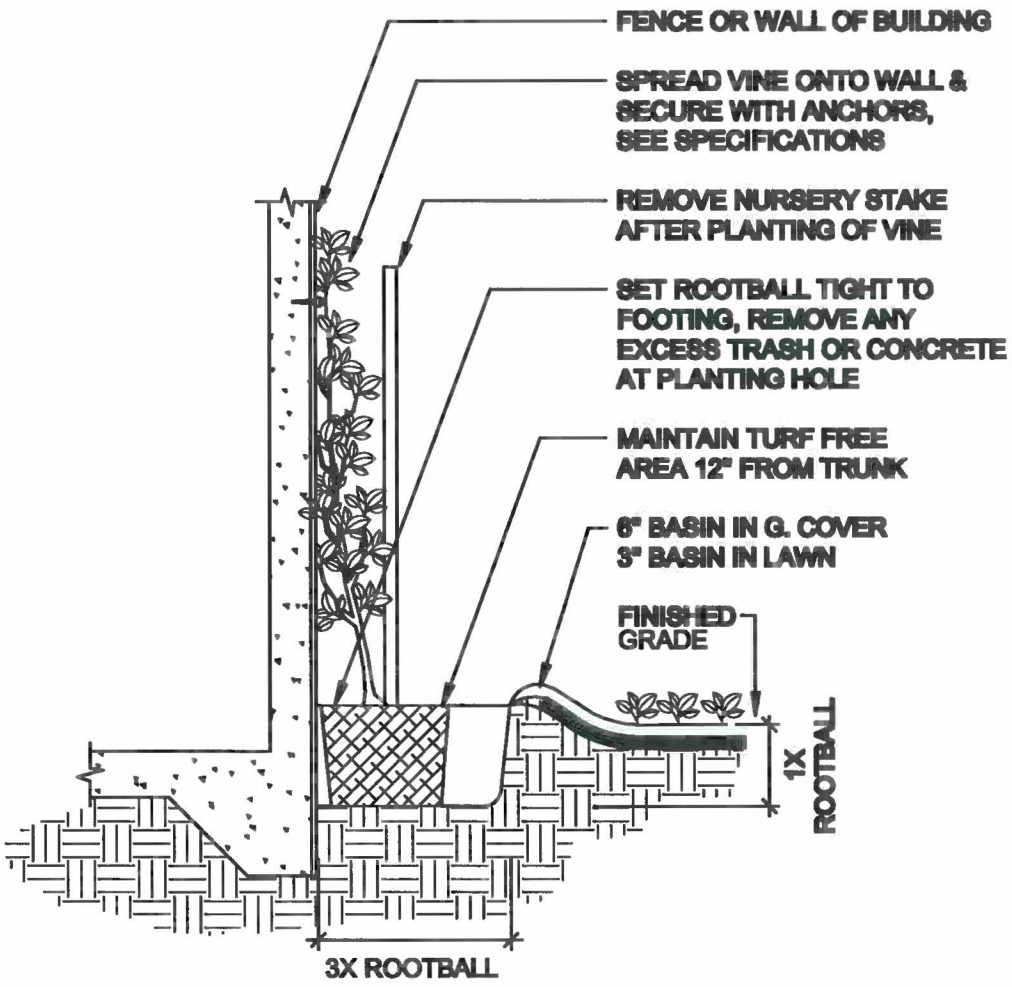
NOTE:
ALL PLANT BASINS SHALL RECEIVE A 4" DEEP LAYER OF APPROVED MULCH.

Murrieta	CITY OF MURRIETA	NO SCALE
	SHRUB PLANTING	SLD006
		JANUARY 2014



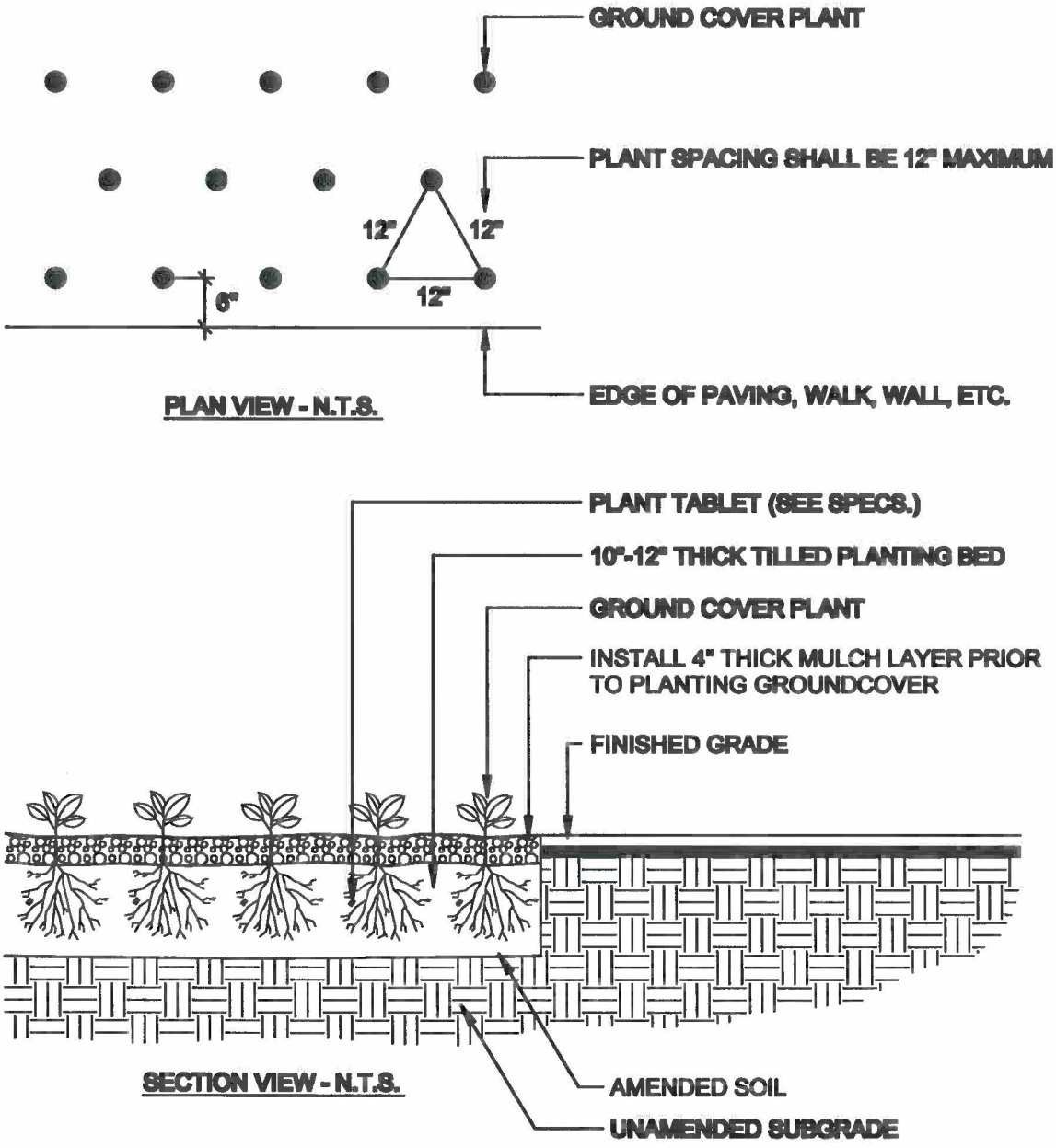
NOTE:
ALL PLANT BASINS SHALL RECEIVE A 4" DEEP LAYER OF APPROVED MULCH.

	CITY OF MURRIETA	NO SCALE
Murrieta	SHRUB PLANTING ON SLOPE	SLD007
		JANUARY 2014

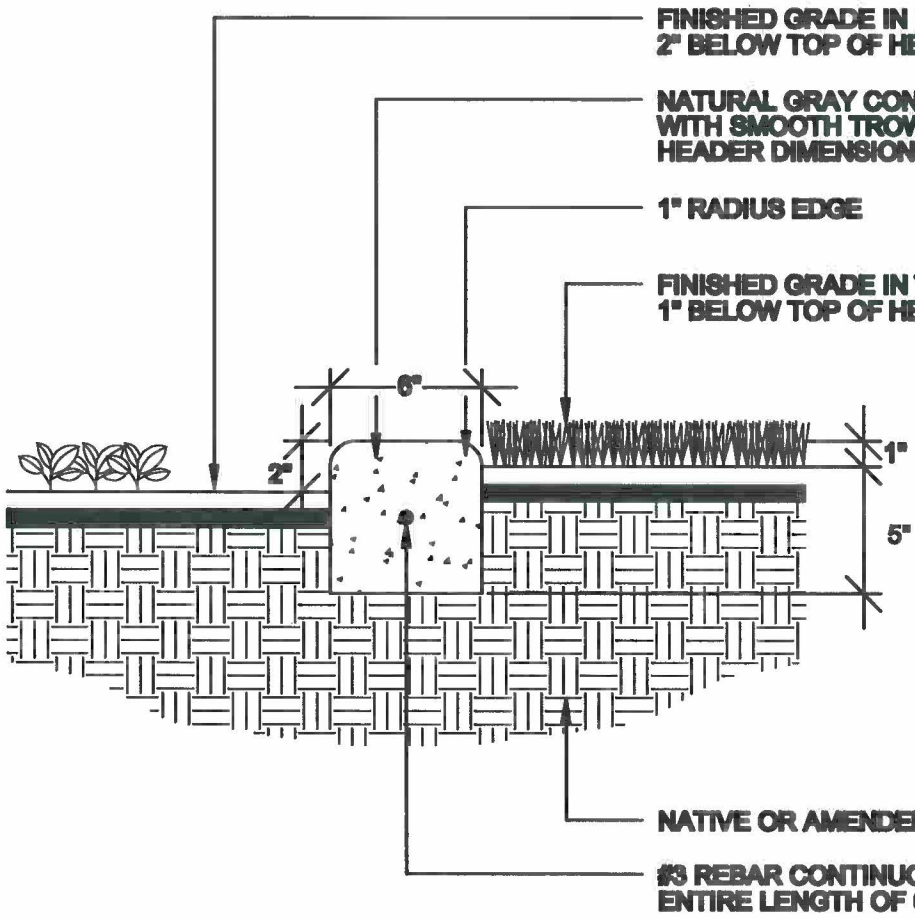


NOTE:
ALL PLANT BASINS SHALL RECEIVE A 4" DEEP LAYER OF APPROVED MULCH.

	CITY OF MURRIETA	NO SCALE
Murrieta	VINE PLANTING	SLD008
		JANUARY 2014



Murrieta	CITY OF MURRIETA	NO SCALE
	GROUND COVER PLANTING	SLD009
		JANUARY 2014

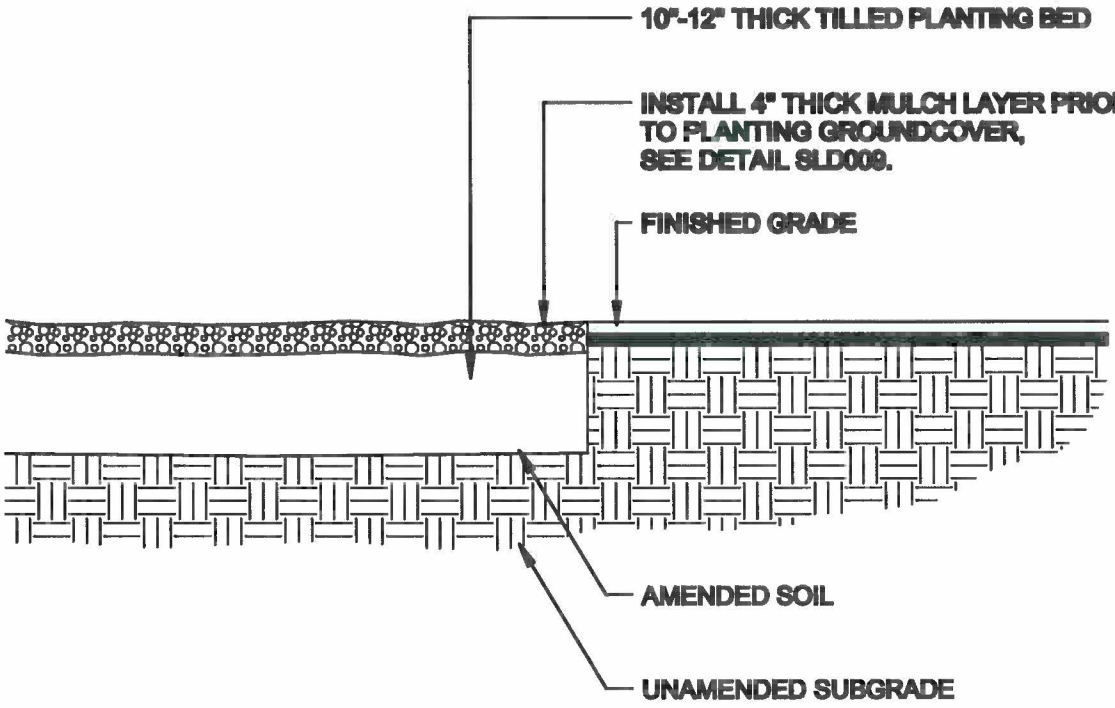


NOTE:

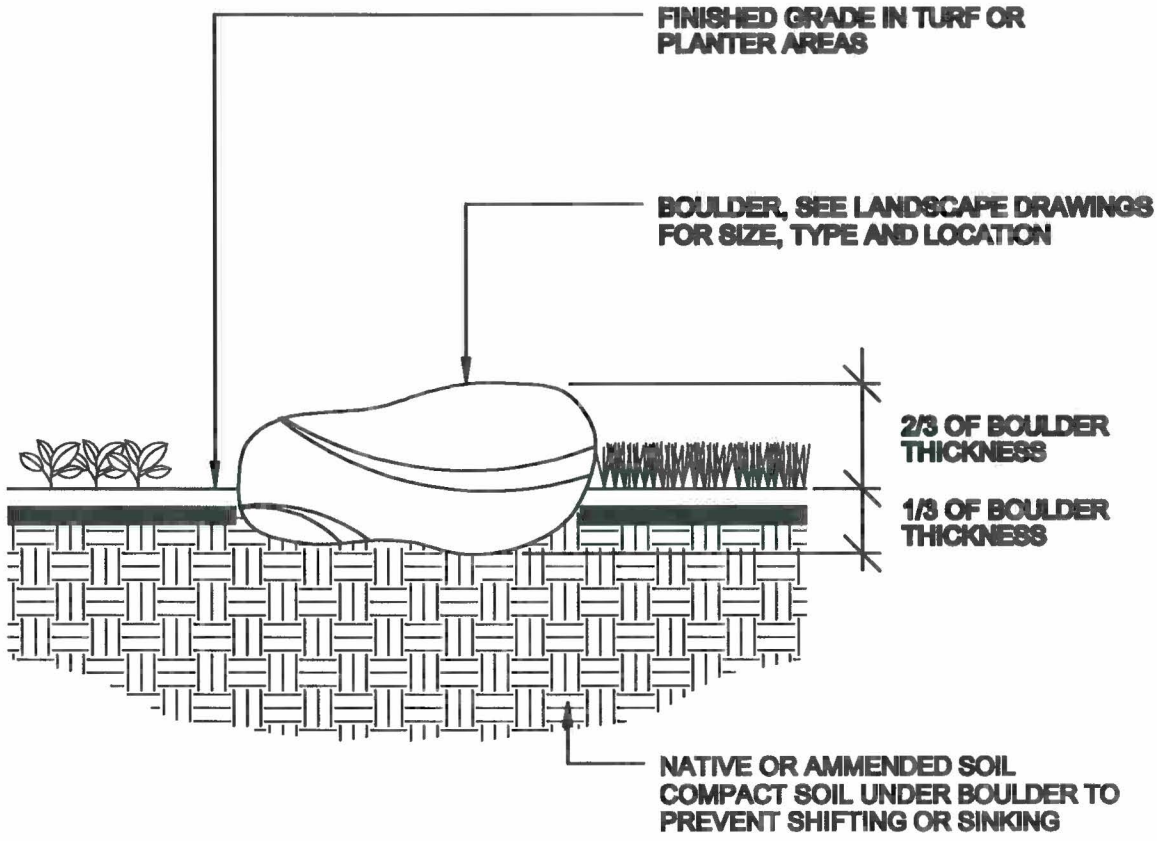
PROVIDE A CONCRETE MOW STRIP IN FRONT OF ALL MONUMENT SIGNS.

CONCRETE MOW STRIP OR EQUAL SHALL BE USED TO DESIGNATE THE SEPARATION OF MCSD'S PROPERTY AND ADJACENT PROPERTIES

Murrieta	CITY OF MURRIETA	NO SCALE
	CONCRETE HEADER	SLD010
		JANUARY 2014



Murrieta	CITY OF MURRIETA	NO SCALE
	MULCH LAYER	SLD011
		JANUARY 2014

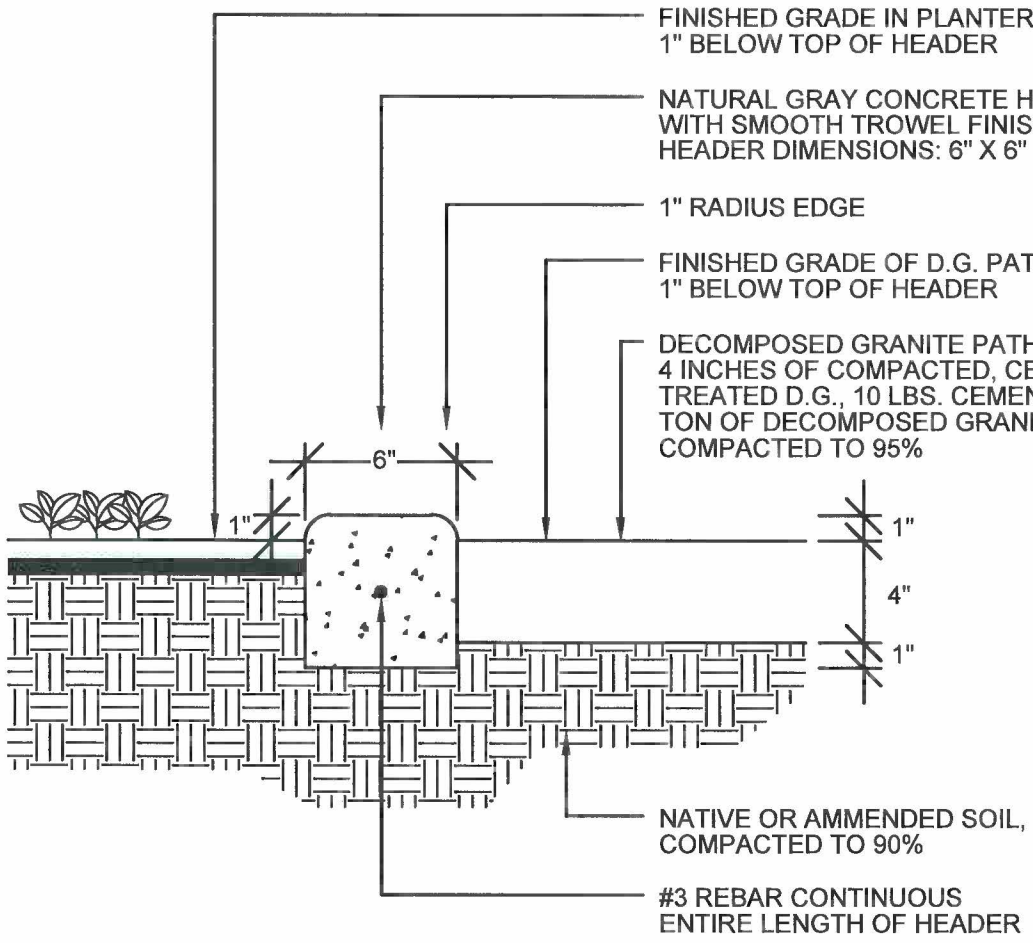


NOTE:

BOULDER SIZE AND TYPE SHALL BE VERIFIED WITH MCSD REPRESENTATIVE PRIOR TO PURCHACE.

BOULDER LOCATIONS SHALL BE VERIFIED WITH MCSD REPRESENTATIVE PRIOR TO PLACEMENT.

Murrieta	CITY OF MURRIETA	NO SCALE
	BOULDER INSTALLATION	SLD012
		JANUARY 2014

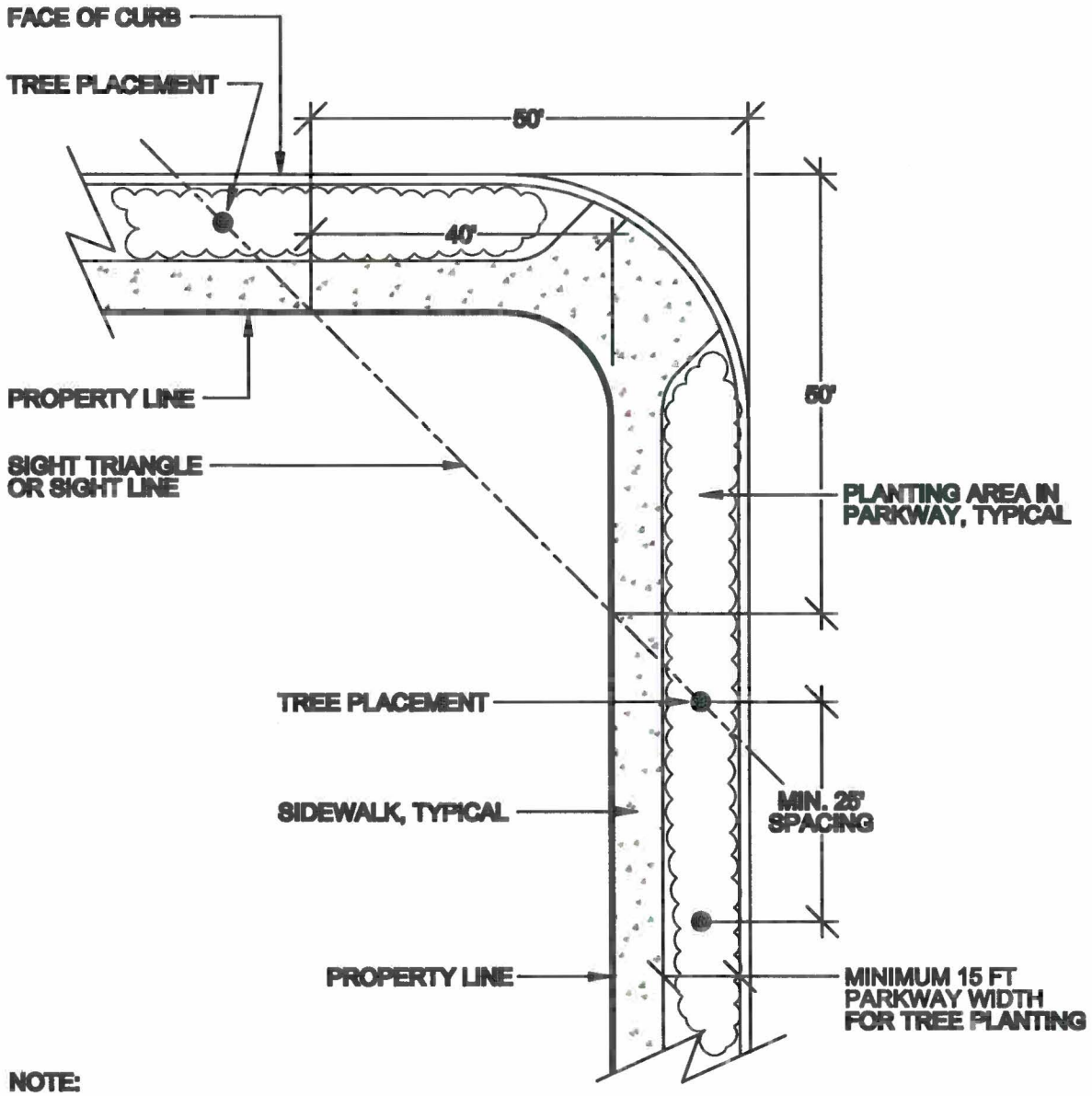


NOTE:

ALL IRRIGATION PIPING AND WIRES ROUTED UNDER D.G. PATHWAYS AND CONCRETE HEADERS SHALL BE INSTALLED INSIDE SCH. 40 SLEEVES AS IF UNDER PAVING

THE MINIMUM WIDTH FOR ALL DECOMPOSED GRANITE PATHS SHALL BE 10'.

	CITY OF MURRIETA	NO SCALE
Murrieta	DECOMPOSED GRANITE PATH	SLD013
		JANUARY 2014



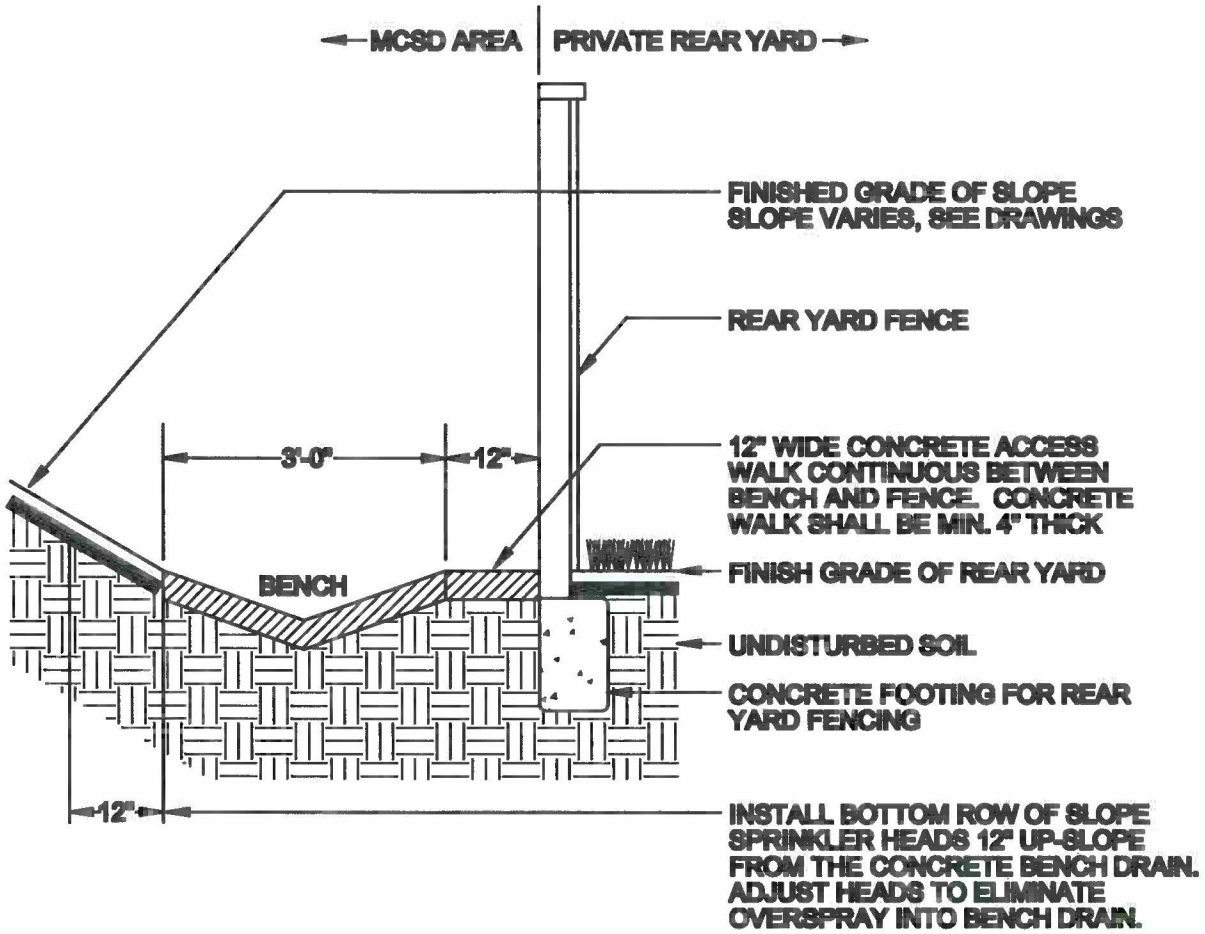
NOTE:

ALL SHRUB PLANTING BETWEEN CURB AND SIDEWALK CANNOT EXCEED MAXIMUM HEIGHT OF 3'-0" AT FULL MATURITY.

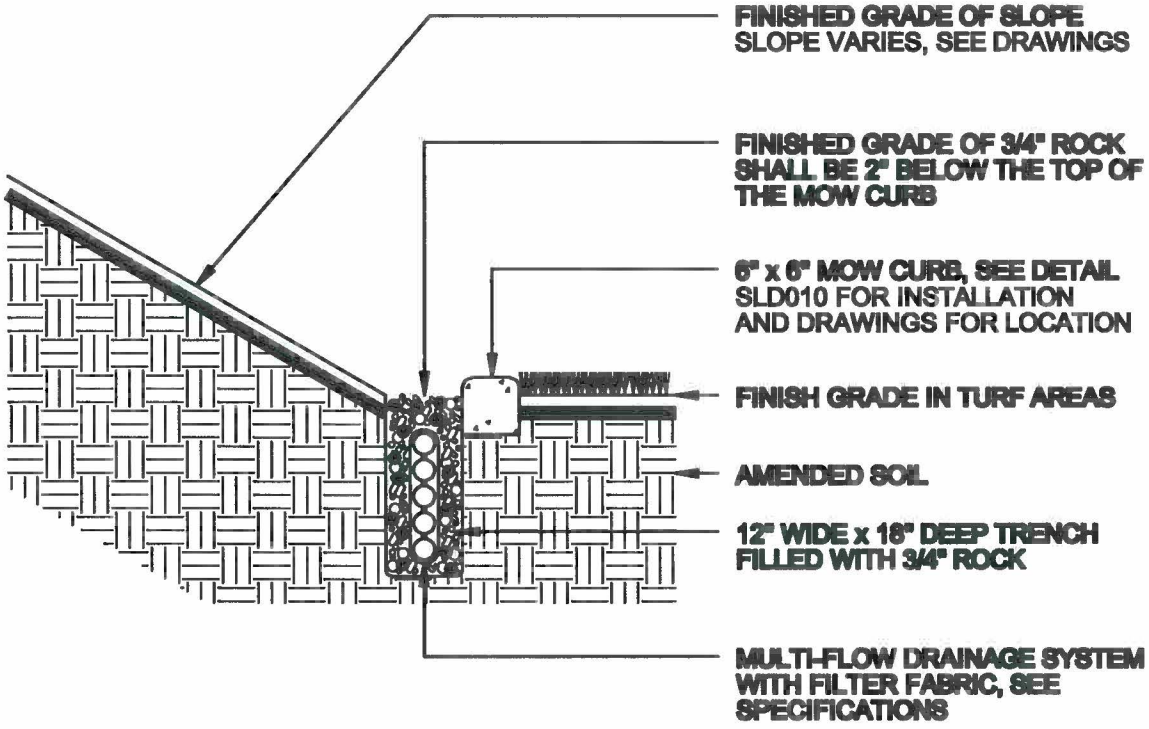
AREAS LESS THAN 2'-6" WIDE ARE TO BE HARDSCAPED.

NO TURF IS ALLOWED IN PLANTING AREA BETWEEN CURB AND EDGE OF SIDEWALK.

	CITY OF MURRIETA	NO SCALE
Murrieta	PLANTING ADJACENT TO ROADWAY	SLD014
		JANUARY 2014



Murrieta	CITY OF MURRIETA	NO SCALE
	MAINTENANCE WALK AT BASE OF SLOPE	SLD015
		JANUARY 2014



NOTE:

ALL SLOPE AREAS ADJACENT TO TURF AREAS WITH MCSD MAINTAINED AREAS SHALL HAVE SLOPE DRAINAGE INSTALLED AT THE TOE OF SLOPE.

THE DRAINAGE SYSTEM SHALL BE DESIGNED BY THE LANDSCAPE ARCHITECT AND CONNECTED TO SITE DRAINAGE AS REQUIRED. WHERE OTHER SITE DRAINAGE IS NOT PLANNED THE SLOPE DRAINAGE SHALL BE DIRECTED TO AN APPROVED OUTLET SOURCE.

THE LOCATION, SIZE AND ROUTING OF THE SLOPE DRAINAGE SHALL BE SHOWN ON THE DRAWINGS BY THE LANDSCAPE ARCHITECT FOR MCSD APPROVAL.

THE MULTI-FLOW DRAINAGE SHALL BE DESIGN AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.

Murrieta	CITY OF MURRIETA	NO SCALE
	SLOPE DRAINAGE ADJACENT TO TURF AREAS	SLD016
		JANUARY 2014

I. HYDROSEEDING SPECIFICATIONS: PRODUCTS

1. Summary:

   a. The use of hydroseeding shall be as indicated on the Drawings and as approved by the MCSD Representative.

   b. Without written MCSD approval, hydroseeding of ground cover planting shall be not be acceptable.

2. Equipment and Materials:

   a. Hydroseeding equipment shall have a built in agitation system and operating capacity sufficient to agitate, suspend and homogeneously mix a slurry containing not less than 20 kilos (44 lbs.) of organic mulching amendment plus fertilizer, chemical additives and solids for each 100 gallons of water.

   b. Hydroseed Seed Mixes:

      i. The turf areas planted with hydroseed shall conform to the MCSD approved seed mixes shown below. Turf areas shall be hydroseeded as indicated on the Drawings and approved by the MCSD Representative.

      ii. Hydroseed Mix – Landscape Turf Mix

Minimum percent purity:	95%
Minimum percent germination:	90%
Pounds of seed per acre:	450

      Species: Turf type tall fescue

      iii. Hydroseed Mix – Ball Field Turf Mix

Minimum percent purity:	95%
Minimum percent germination:	90%
Pounds of seed per acre:	350

      Species: Turf grass for all ball field turf areas shall be Hybrid Bermuda.

iv. Hydroseed seed mix shall be applied at the pounds per 1,000 square feet rate indicated on the MCSD approved Drawings or to the rates shown in these Specifications, per the direction of the MCSD Representative.

v. Turf installed using stolons shall be planted at the rate of eight (8) bushels per 1,000 square feet.

c. Cellulose Fiber Mulch: Apply at a minimum rate of 1,800 lbs./acre.

d. Fertilizer: 15 – 15 - 15 or approved equal applied at rate appropriate for product or as determined by the soil analysis.

e. Organic tackifier shall be applied at rate of 70 lbs./acre.

J. HYDROSEEDING SPECIFICATIONS: EXECUTION

1. Installation procedures:

a. Inspection of conditions: Examine related work including irrigation and grading of surface before proceeding with any work and notify the MCSD Representative in writing on conditions which may prevent the proper execution of this work. Failure to report unsuitable conditions will require the contractor to rectify unacceptable work at no additional cost to the MCSD.

b. Water all plant areas thoroughly to saturate upper layers of soil prior to the hydroseeding operation.

c. Allow the planting area soil surface to dry out for one day only prior to the hydroseeding application. Exercise care not to allow the soil surface to be overly saturated with water prior to the hydroseeding installation. At the same time the soil surface should not become too dry during this period. There should be some residual moisture within the first 1/4-inch of the soil surface.

d. Prior to starting the hydroseeding operation notify the MCSD Representative forty-eight (48) hours in advance to be present at start of start of hydroseeding.

2. Hydroseeding Application:

a. Apply the hydroseeding in the form of a slurry consisting of organic soil amendments, commercial fertilizer, and any other chemicals that

are called out. When hydraulically sprayed onto the soil, the mulch shall form a blotter-like material. Direct the spray operation so that this procedure will drill and mix the slurry components into the soil, the slurry spray will also penetrate the soil surface, thus ensuring maximum impregnation and coverage. The impregnation and mixing of the components will help in retaining moisture while stabilizing soil surface from superficial erosion.

b. Do not let the hydroseeding slurry components in the hydroseeding machine for more than two (2) hours because of possible seed destruction. If slurry components are left for more than two hours in the machine, add 50% more of the originally specified seed mix to any slurry mixture that has not been applied within the two hours after mixing. Add 75% more of the original seed mix to any slurry mixture that has not been applied eight (8) hours after mixing. All mixtures more than eight (8) hours old must be disposed, off-site, at the contractor's expense.

c. Spray the area with a uniform visible coat, using the dark color of the cellulose fiber as a visual guide. The slurry shall be applied in a downward drilling motion via a fan stream nozzle. Insure that all of the slurry components enter and mix with the soil. Insure the uniformity of the hydroseed application. The Hydraulic Contractor shall be approved by the MCSD Representative.

d. Exercise special care to prevent any of the slurry from being sprayed onto any hardscape areas including concrete walks, fences, walls, buildings, etc. Remove all slurry sprayed onto these surfaces at the Contractor's expense.

e. Contractor shall save all seed and fertilizer tags and fiber mulch bags for the MCSD Representative to verify compliance with the drawings and specifications.

f. The MCSD Representative shall be present during the hydroseeding operation and has final determination if conditions are acceptable for hydroseed application.

K. HYDROSEEDING SPECIFICATIONS: COVERAGE AND ACCEPTANCE

1. The Contractor shall contact the MCSD Representative when the hydroseed has reached a point in which 75% of the seed has germinated to schedule pre-maintenance inspection. The ninety (90) day maintenance period shall start if the MCSD Representative approves all

plantings and irrigation installation. Written notice shall be sent from the MCSD Representative to the Owner / Developer upon the start of the ninety (90) day maintenance period.

2. Minimum coverage: Final acceptance will be given at the end of the 90 day maintenance period when 95% hydroseed coverage and plant establishment has been obtained, as determined by the MCSD Representative

3. Final approval and acceptance will be provided in writing by the MCSD Representative following a final acceptance inspection. The MCSD Representative reserves the option to extend the maintenance period if it is determined that the project warrants further maintenance to fulfill the 95% coverage that is required per contract or to achieve complete germination of all turf or other plant materials with a uniform height, color and density throughout all hydroseeded areas.

L. HYDROSEEDING SPECIFICATIONS: MAINTENANCE

1. Upon acceptance of hydroseeding operations, maintain all hydroseeding areas for a period of 90 calendar days as follows:

   a. Germination stage irrigation: Approximately 25 hours after hydroseeding the planting areas, initiate the watering sequence. Leave the water on long enough to moisten the soil thoroughly to the depth of the slurry mulch taking care not to super saturate or wash away the slurry and seed. Perform frequent, light irrigation until the seed has germinated. Repair all seed washings and erosion.

   b. Establishment stage irrigation: After germination, reduce each watering. The specific watering program shall be approved by the MCSD Representative.

   c. Fertilization: Fertilize all hydroseed areas with an approved commercial fertilizer, 30 calendar days from the start of the maintenance period and continuing once every 60 calendar days until the completion of the 90 calendar day maintenance period.

   d. Weeding: All concentrated developments of weed growth appearing in the seed planting areas during the maintenance period shall be removed at 2 week intervals. The Contractor may elect to remove such concentrations of weeds manually or by a MCSD approved herbicide program.

END OF SECTION

SECTION D
PARK AMENITIES

CONTENTS:

A. PARK GUIDELINES AND SITE REQUIREMENTS

Owner/developer donating parks to MCSD will need to meet the following minimum design guidelines.

1. Park Size and Standards:

   a. Owner / Developer will need to state the design intentions of the park. Parks will need to be classified as passive, natural, recreational, or sport.

   b. Exhibit 5 of this section shall be used to determine the minimum park site requirements for each size park that is to be accepted by MCSD.

B. PARK EQUIPMENT, SIZE AND STANDARDS

1. Drinking Fountains

   a. Drinking fountains will be required on all parks except native parks. The drinking fountain must be handicapped accessible and include push button controls, protective vandal guards and anti-freeze protection. Drinking fountains shall be constructed with a self-closing faucet and automatic stream control that maintains water flow with variations of pressures from 15 PSI to 125 PSI. Drinking fountains shall be installed with drain sumps and clean outs as indicated in the installation detail drawings.

   b. Drinking fountains shall be per approved list.

2. Trash Receptacles:

   a. Trash receptacle units shall be per approved list.

   b. Owner / Developer shall supply trashcans and padlocks. Padlocks to be master keyed to other site requirements.

3. Lighting:

   a. Walkway lights: Walkway lights shall be led type w/ motion sensors as indicated on the Drawings and approved by the MCSD.

   b. Sports Field Lighting: Shall be installed on galvanized steel poles with appropriate sports lighting as indicated on the Drawings and approved by the MCSD.

c. Light fixtures to be led type and approved by the MCSD.

4. Barbecue Fixtures and Picnic Tables with Benches:

a. Barbecue fixtures shall be a heavy-duty barbecue stove designed for park and campground use with adjustable grill to be located off to the side of the grill with spring type handgrips to cover the handles to prevent burns.

b. Picnic table with benches to be all metal construction with vinyl coating. Picnic tables shall be per approved list.

d. Picnic table to be permanently secured to a concrete footing per manufacturer's recommendation. No security with chain will be accepted.

5. Restrooms:

a. Actual quantity of fixtures required per restroom facility will be per MCSD and Riverside County Health Standards. Actual layout will be open, but subject to MCSD review and approval. Facilities facade shall be typical of characteristics of the local community.

b. Restricting guidelines are:

i. No clay tile roofs to facilities.

ii. Stainless steel fixtures.

iii. Handicapped accessible

iv. Minimum of 200 square feet for storage of equipment or concession stands (No cooking in facilities).

v. When required, a minimum of 150 square feet for park office facilities.

vi. Each restroom facility will be required to provide:

1) Telephone, installed outside of restroom facility,

2) Drinking fountain.

vii. Facility shall have both inside and outside anti-graffiti treatment.

viii. Pre-fabricated units are acceptable, however are subject to MCSD review and approval prior to construction and/or installation.

6. Benches:

Every park shall have a permanent bench fixture on site. The number of benches is determined by the size of the park. Refer to Exhibit 5 of this section to determine the minimum requirements for parks in the MCSD area. Benches per approved list.

7. Playground Equipment / Tot Lots:

a. Criteria for playground equipment and/or tot lots:

i. Project site must be approved by MCSD.

ii. Playground equipment to be selected by the project landscape architect from the approved list.

iii. The contents of the facilities are to be recommended by and designed through a playground equipment manufacturer.

iv. Site amenities are to be installed by a bonded and insured professional.

v. No wood materials shall be allowed.

vi. No steel slides shall be allowed.

b. Rules and regulations on playgrounds:

i. There must be an eight-foot minimum radius, plus a safety margin from all apparatus on site to curbing on concrete structure.

ii. It has been upheld in court that a "safety margin" is defined as two (2) feet, making the total radius ten (10) feet. The radius is measured from the furthest and/or highest point of use of any equipment in the lot.

iii. The curbing of the eight-foot radius and safety margin must be at least eighteen-inches deep, with at least twelve-inches of an energy absorbing surface required.

c. Materials in tot lots:

i. Recommended surface materials for tot lots:

1) Provide poured-in-place surfacing for Handicapped Accessibility.

2) Poured-in-place sufacing shall be per the approved list.

ii. Recommended material for curbing: Concrete mow curbing with steel reinforcing continuous the length of the curb.

iii. Recommended play equipment materials for tot lots:

1) All play equipment must conform to The American Society for testing and Materials (ASTM) standards.

2) All play equipment must conform to The Consumer Product Safety Commission (CPSC) standards.

3) All play equipment must conform to the International Play Equipment Manufacturer's Association (IPEMA) standards.

4) All play equipment must be ISO 9001 and ISO 14001 Certified.

5) Play equipment must carry a 100 year limited warranty for aluminum posts, clamps, beams and caps; a 15 year limited warranty on plastic and steel components; a 10 year warranty on structural steel components; a 5 year limited warranty on shade fabric; and a 3 year limited warranty on all other parts.

6) Play Equipment and structures shall be per approved list.

ii. All tot lots and play equipment shall be handicapped accessible per American Disabilities Act (ADA) requirements.

EXHIBIT 5

MURRIETA COMMUNITY SERVICE DEPARTMENT PARK SITE REQUIREMENTS

PARK TYPE & DESCRIPTION:	5-ACRES OR LESS	LARGER THAN 5-AND LESS THAN 20-ACRES	LARGER THAN 20-ACRES
NATURAL PARK:			
Drinking Fountains	1	1 every 5 acres	4 min., plus 1 per 10 acres
Trash Receptacles	2	2 min., plus 1 per 5-acres	5 min., plus 2 per 5 acres
Restrooms	Required	Required	Required
Lighting	None	None	None
Benches	3	3 every 5-acres	2 every 5-acres
Tot Lots	None	None	None
NEIGHBORHOOD PARK:			
Drinking Fountains	2	2 min., plus 2 per 10-acres	5 min., plus 2 per 10 acres
Trash Receptacles	3	3 min., plus 1 per 5-acres	8 min., plus 2 per 10 acres
Restrooms	Required	Required	Required
Lighting	None	None	Required on major circulation routes only. Min. 1/2 fcp
Benches	3	3 plus 1 every 5-acres	9 min., plus 2 per 5 acres
Tot Lots	1	1	1
RECREATIONAL PARK:			
Drinking Fountains	2	2 min., plus 2 per 10-acres	6 min., plus 2 per 10 acres
Trash Receptacles	4	4 min., plus 2 per 5-acres	10 min., plus 2 per 10 acres
Restrooms	Required	Required	Required
Lighting	None	Required	Req. on fields & walkways
Benches	4	4 plus 1 per 5-acres	9 min., plus 2 per 5-acres
Tot Lots	1	1	1
Barbecue Facilities (Picnic Tables & Benches)	3	3 min., plus 1 per 5-acres	3 min., plus 1 per 5-acres

EXHIBIT 5 (Continued)

MURRIETA COMMUNITY SERVICE DEPARTMENT PARK SITE REQUIREMENTS

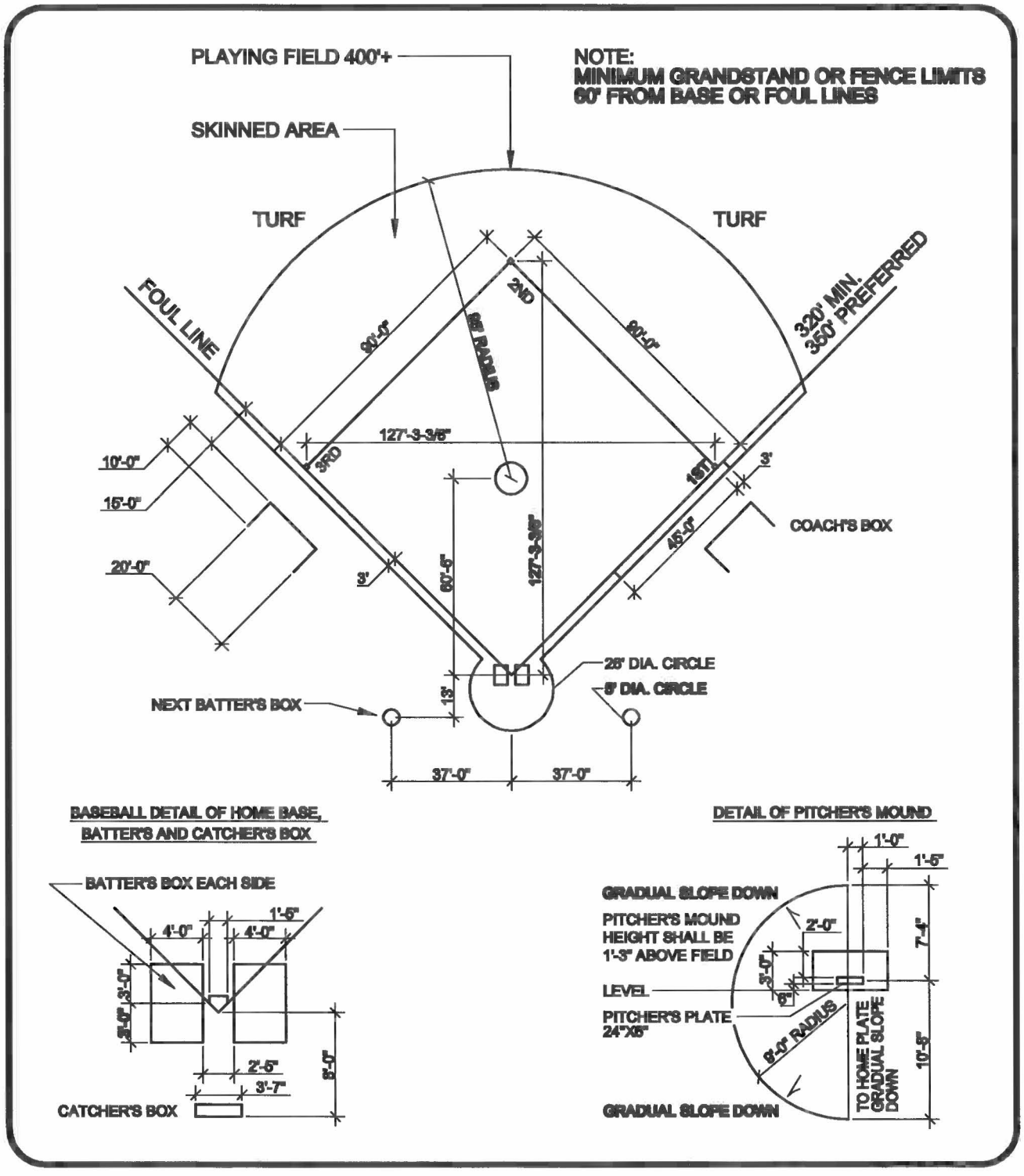
PARK TYPE & DESCRIPTION:	5-ACRES OR LESS	LARGER THAN 5-AND LESS THAN 20-ACRES	LARGER THAN 20-ACRES
SPORTS PARK:			
Drinking Fountains	2	2 min., plus 2 per 10-acres	6 min., plus 2 per 10 acres
Trash Receptacles acres	4	4 min., plus 2 every 5-acres	10 min., plus 2 per 10
Restrooms	Required	Required	Required
Lighting	Required	Req. on fields & walkways Min. 1/2 fcp on walkways	Req. on fields & walkways Min. 1/2 fcp on walkways
Benches	6	6 minimum	6 min., plus 2 per 10-acres
Tot Lot	1	1	2
Barbecue Facilities (Picnic Tables & Benches)	3	1 per 5-acres	8 minimum
Bike Racks	3 bikes/acre	2 bikes/acre	1 bike/acre
Multi-purpose Trails	Required	1 per trail	1 per trail head
Bleachers	4 per field	Required on fields	Required per city requirements

Note: All park sites shall have a parking lot designed in each project and must have a minimum of four (4) parking spaces per acre of developed parkland.

Obtain a copy of sample restroom construction from MCSD office.

C. STANDARD PARK DETAILS

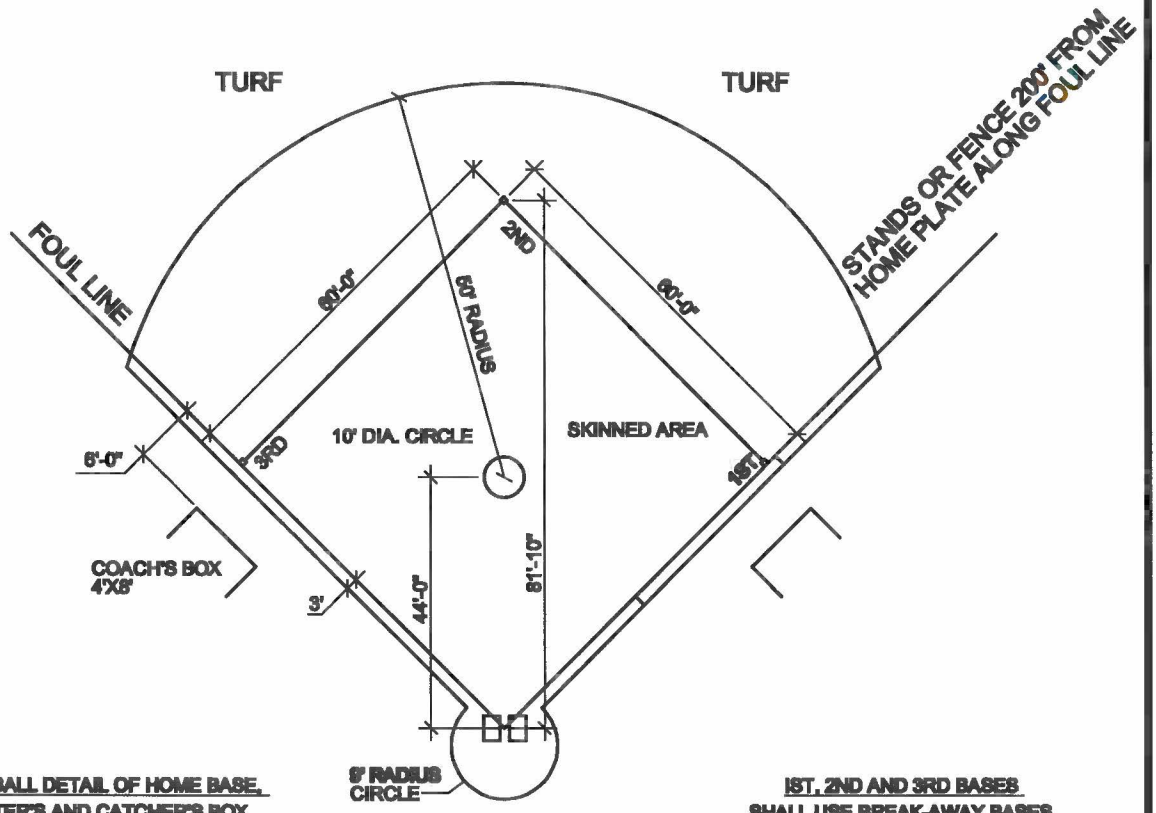
Detail No.	Detail Description	Drawing Name
SPE001	Typical Baseball Diamond Layout	SPE001.DWG
SPE002	Typical Little League Baseball Diamond Layout	SPE002.DWG
SPE003	Typical Softball Diamond Layout	SPE003.DWG
SPE004	Typical Baseball/Softball Backstop	SPE004.DWG
SPE005	Typical Backstop and Basketball Standard Notes	SPE005.DWG
SPE006	Typical Dugout Layout, Typical Section of Dugout	SPE006.DWG
SPE007	Typical Bat Rack	SPE007.DWG
SPE008	Bleacher Pad Detail	SPE008.DWG
SPE009	Typical Double Drinking Fountain	SPE009.DWG
SPE010	Drinking Fountain Drain Line	SPE010.DWG



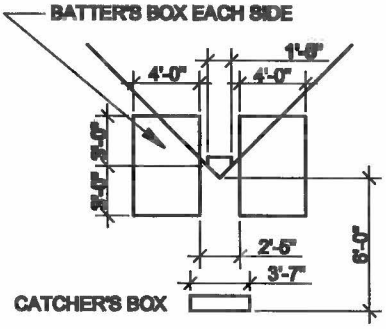
Murrieta	CITY OF MURRIETA	NO SCALE
	TYPICAL BASEBALL DIAMOND LAYOUT	SPE001
		JANUARY 2014

NOTE:
MINIMUM GRANDSTAND OR FENCE LIMITS 60' FROM BASE OR FOUL LINES

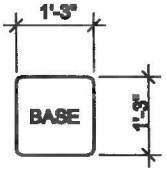
INFIELD SHOULD BE SKINNED WITH A 1" LAYER OF BRICK DUST



BASEBALL DETAIL OF HOME BASE, BATTER'S AND CATCHER'S BOX



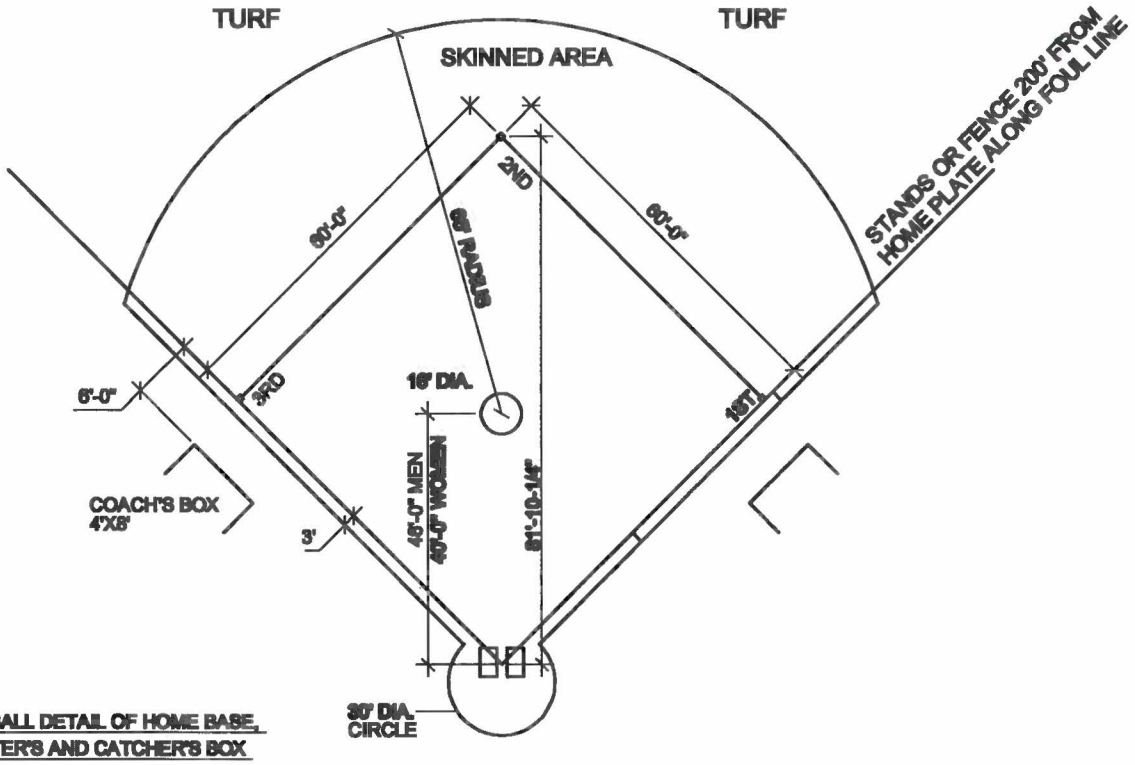
1ST, 2ND AND 3RD BASES SHALL USE BREAK-AWAY BASES



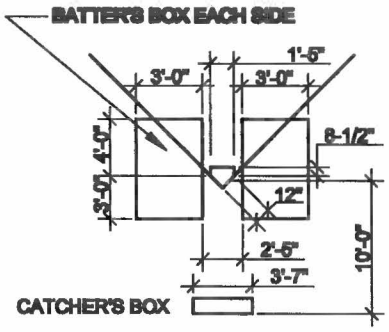
	CITY OF MURRIETA	NO SCALE
Murrieta	TYPICAL LITTLE LEAGUE BASEBALL DIAMOND LAYOUT	SPE002
		JANUARY 2014

NOTE:
MINIMUM GRANDSTAND OR FENCE LIMITS 60' FROM BASE OR FOUL LINES

INFIELD SHOULD BE SKINNED WITH A 1" LAYER OF BRICK DUST



BASEBALL DETAIL OF HOME BASE, BATTER'S AND CATCHER'S BOX



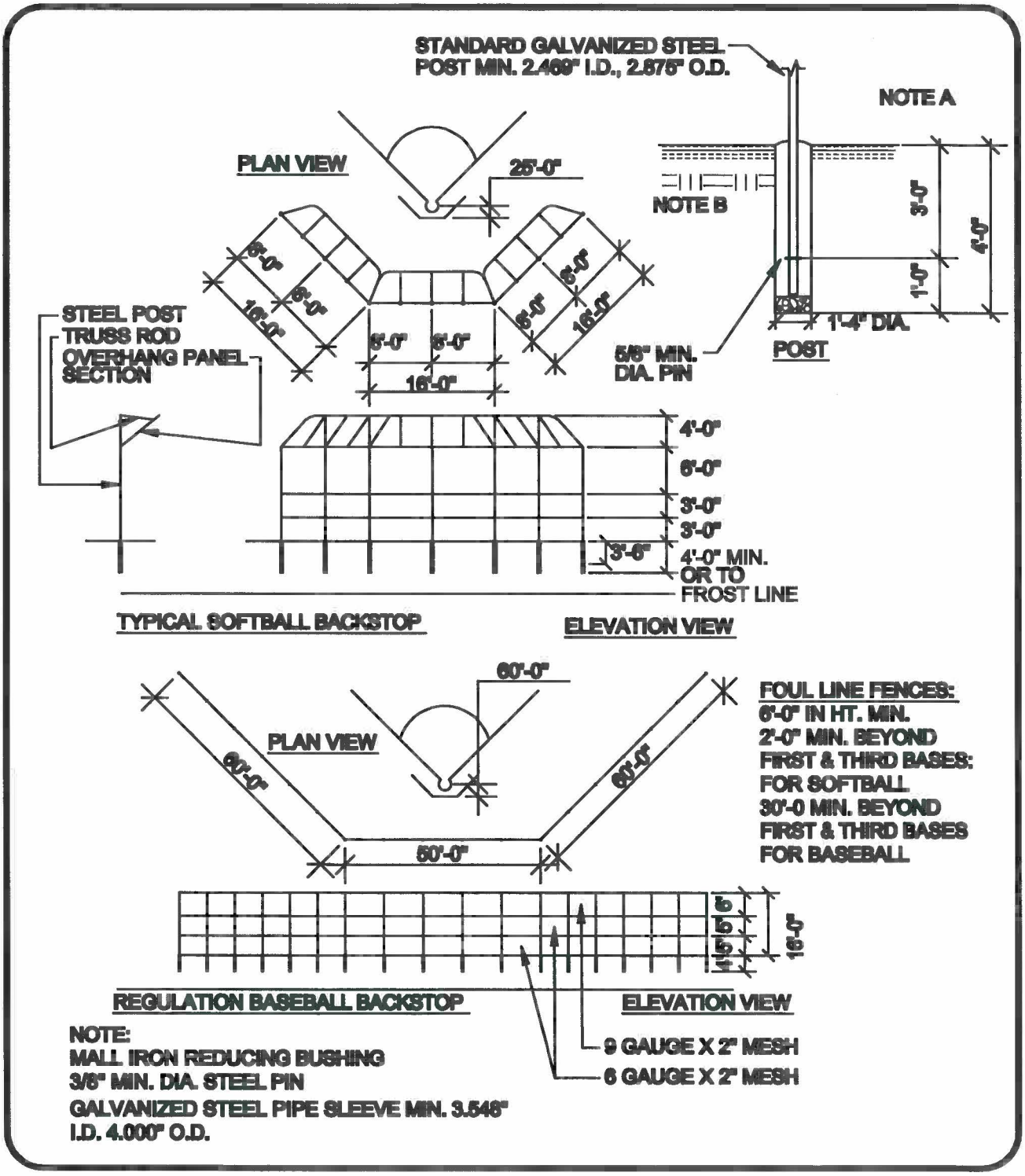
NOTES:
FOUL LINES, CATCHER'S, BATTER'S AND COACH'S BOXES, AND 3' LINES ARE 2" TO 3" CHALK LINES.

GRADING AND ORIENTATION SIMILAR TO BASEBALL DIAMOND.

PITCHING DISTANCE FOR WOMEN'S SOFTBALL TO BE 40'-0.

FOR JUNIOR PLAYER (9-12 YEARS) 45' DISTANCE BETWEEN BASES, 35' PITCHING DISTANCE.

	CITY OF MURRIETA	NO SCALE
Murrieta	TYPICAL SOFTBALL DIAMOND LAYOUT	SPE003
		JANUARY 2014



Murrieta	CITY OF MURRIETA	NO SCALE
	TYPICAL BASEBALL/ SOFTBALL BACKSTOP	SPE004
		JANUARY 2014

A. BACKSTOP SIZE AND DIMENSION (HEIGHT AND WIDTH) OF BASEBALL BACKSTOPS ARE TO BE DETERMINED BY SPORTS AUTHORITIES AND LOCAL REQUIREMENTS.

1. PIPE SIZES:

   POST FOR BACKSTOP HEIGHTS UP TO 16 FEET: USE 3" O.D.

   POST FOR BACKSTOP HEIGHTS 18 FEET TO 24 FEET: USE 4" O.D.

   TOP, INTERMEDIATE AND BOTTOM RAILS: USE 1 5/8" O.D.

2. WIRE MESH FABRIC:

   FABRIC SHALL BE CHAIN LINK WITH GALVANIZED COATING OR ALUMINIZED. (OPTIONAL POLYVINYL CHLORIDE COATED STEEL)

   ALL FABRICATED FERROUS METAL PARTS SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.

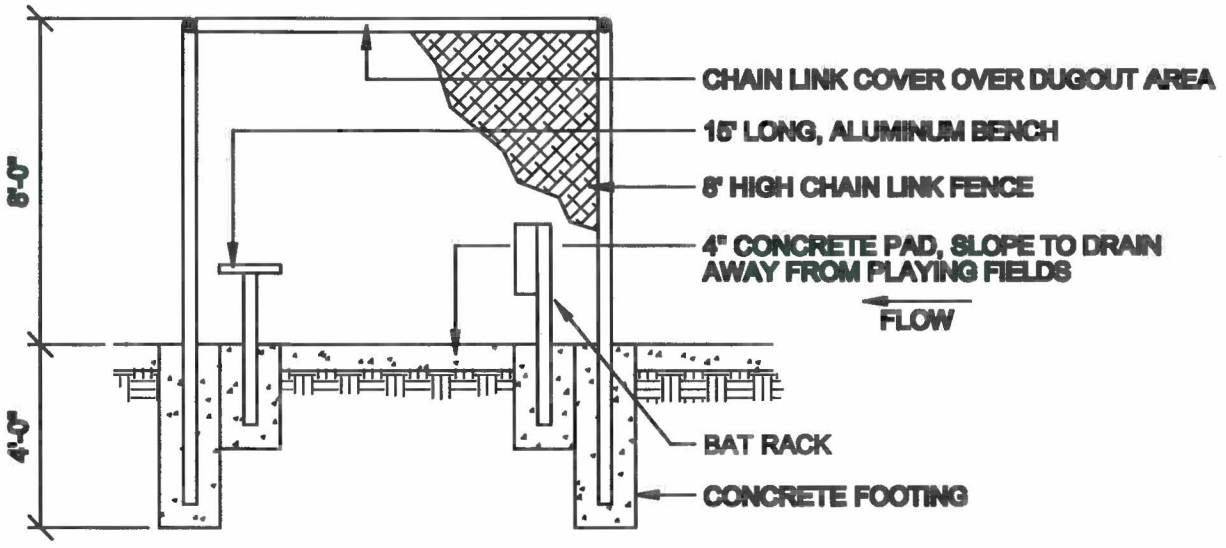
B. BASEBALL / SOFTBALL FIELDS:

1. EACH BALL FIELD MUST BE SUPPLIED WITH A 1" DIAMETER, HEAVY DUTY, WATER HOSE, 125 FOOT IN LENGTH.
2. ATTACHMENT FOR ABOVE HOSE TO BE FIRE NOZZLE MANUFACTURED BY P. R. INCORPORATED, FM FIG 2960
3. QUICK COUPLER TO BE INSTALLED (BEHIND THE PITCHER'S MOUND)

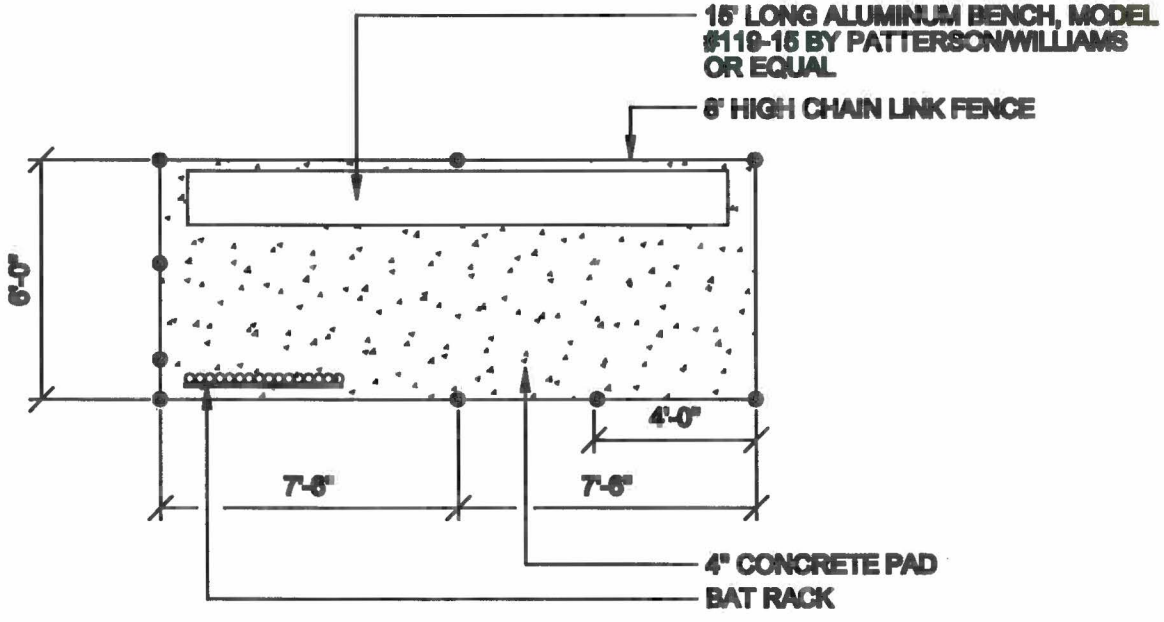
C. BASKETBALL STANDARDS:

1. BACKBOARD SUPPORT SHALL HAVE MINIMUM OVERHANG OF 4 FEET FOR NCAA WITH A MINIMUM POST DIAMETER OF 4 1/2" O.D.
2. REGULATION AAU, 5'-5 1/2" OVERHANG AND OPTIONAL NCAA 4 FOOT TO 6 FOOT OVERHANG ALSO REQUIRES A MINIMUM POST DIAMETER 4 1/2" O.D.
3. FOOTING IS TO BE CONCRETE WITH A MINIMUM 2 FT DIAMETER AND 4 FT DEPTH.
4. METHOD OF BRACING AND BACKBOARD SUPPORT VARIES WITH MANUFACTURER.

	CITY OF MURRIETA	NO SCALE
Murrieta	TYPICAL BACKSTOP AND BASKETBALL STANDARD NOTES	SPE005
		JANUARY 2014

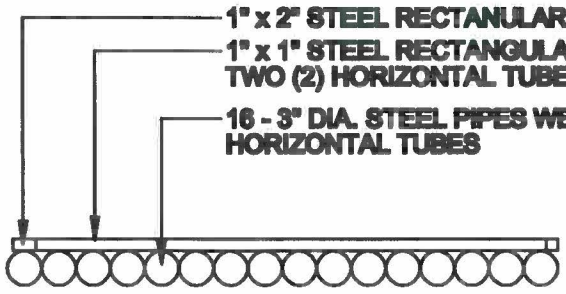


SECTION VIEW - N.T.S.

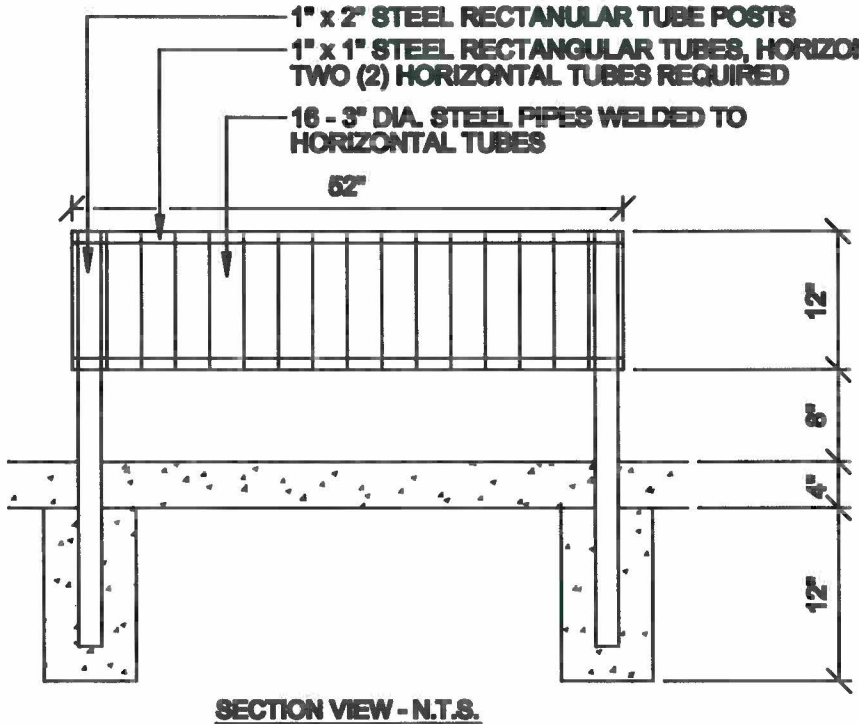


PLAN VIEW - N.T.S.

	CITY OF MURRIETA	NO SCALE
Murrieta	TYPICAL DUGOUT LAYOUT TYPICAL SECTION OF DUGOUT	SPE006 JANUARY 2014



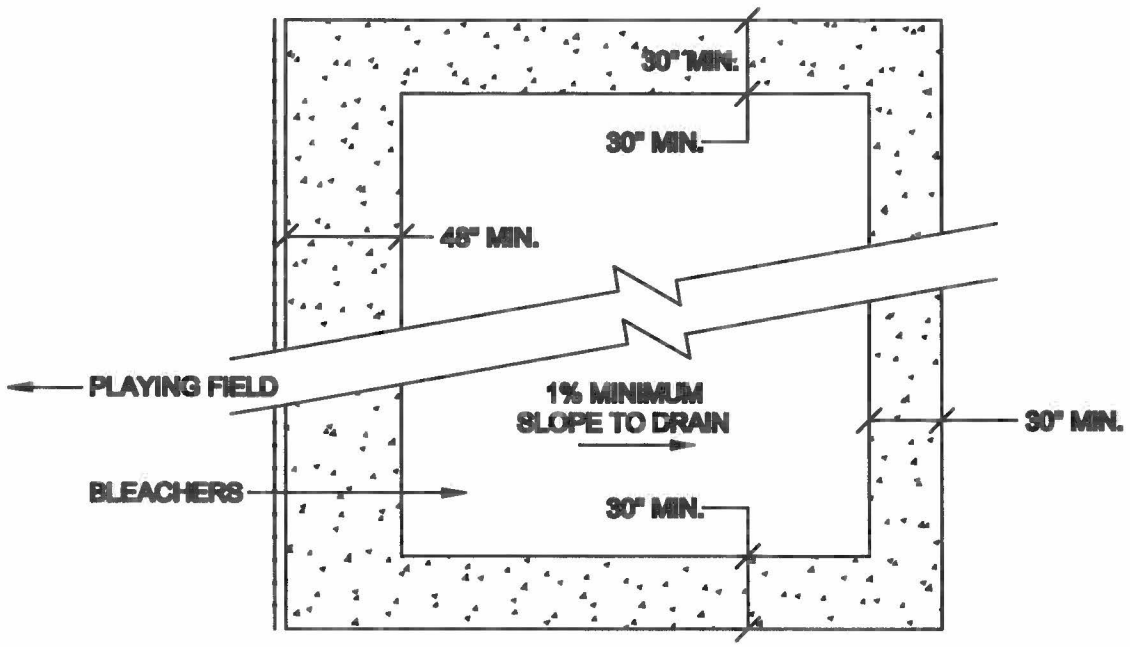
PLAN VIEW - N.T.S.



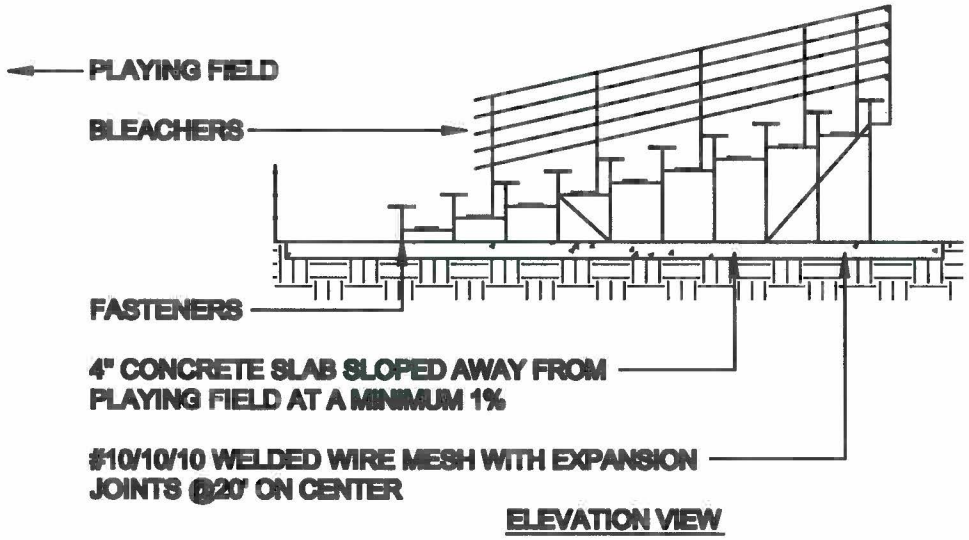
SECTION VIEW - N.T.S.

NOTE:
BAT RACK MANUFACTURED BY LA STEELCRAFT PRODUCTS MODEL BR-15.
THE ENTIRE UNIT SHALL BE HOT DIP GALVANIZED AFTER WELDING.

Murrieta	CITY OF MURRIETA	NO SCALE
	TYPICAL BAT RACK	SPE007
		JANUARY 2014

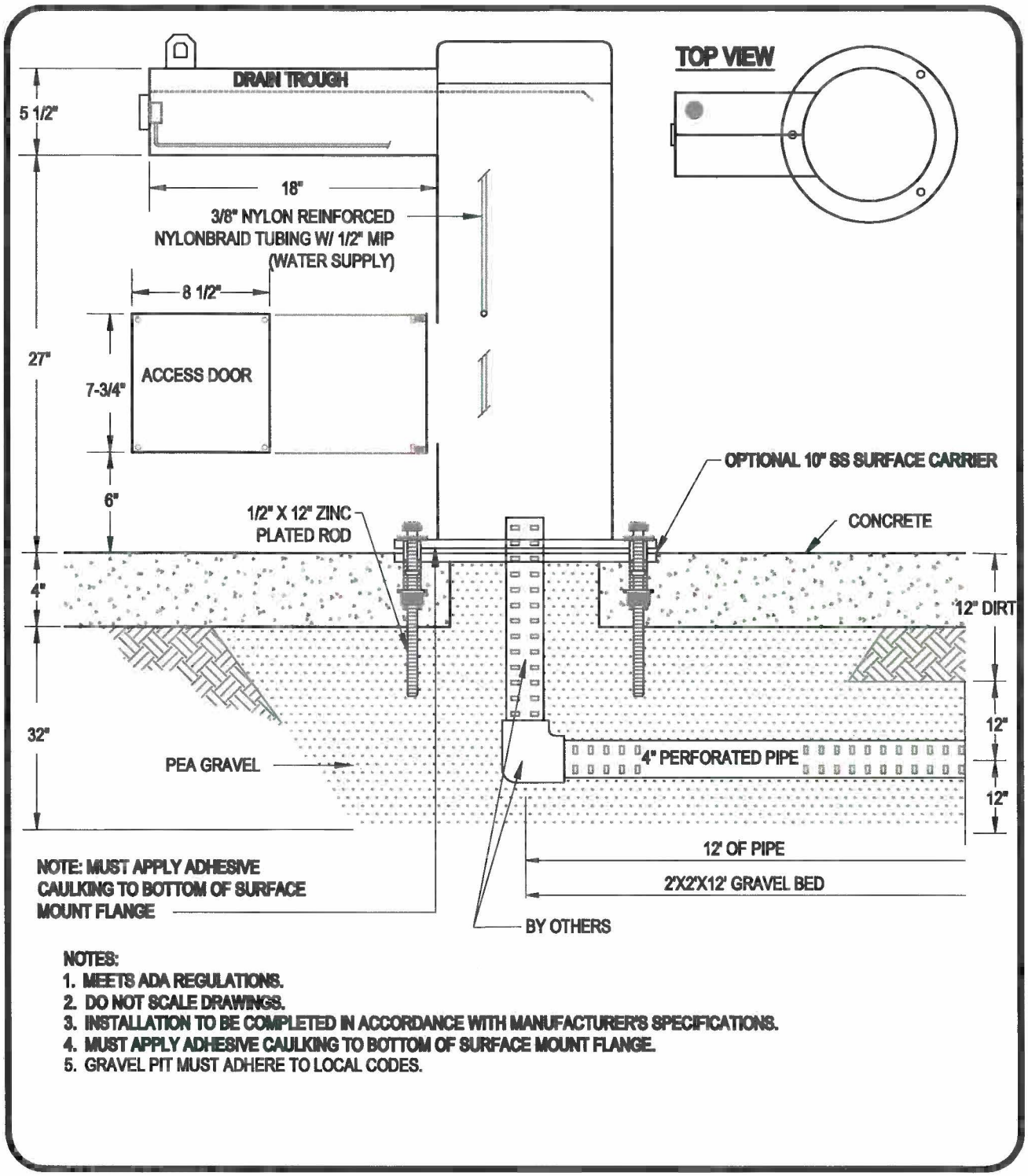


PLAN VIEW



ELEVATION VIEW

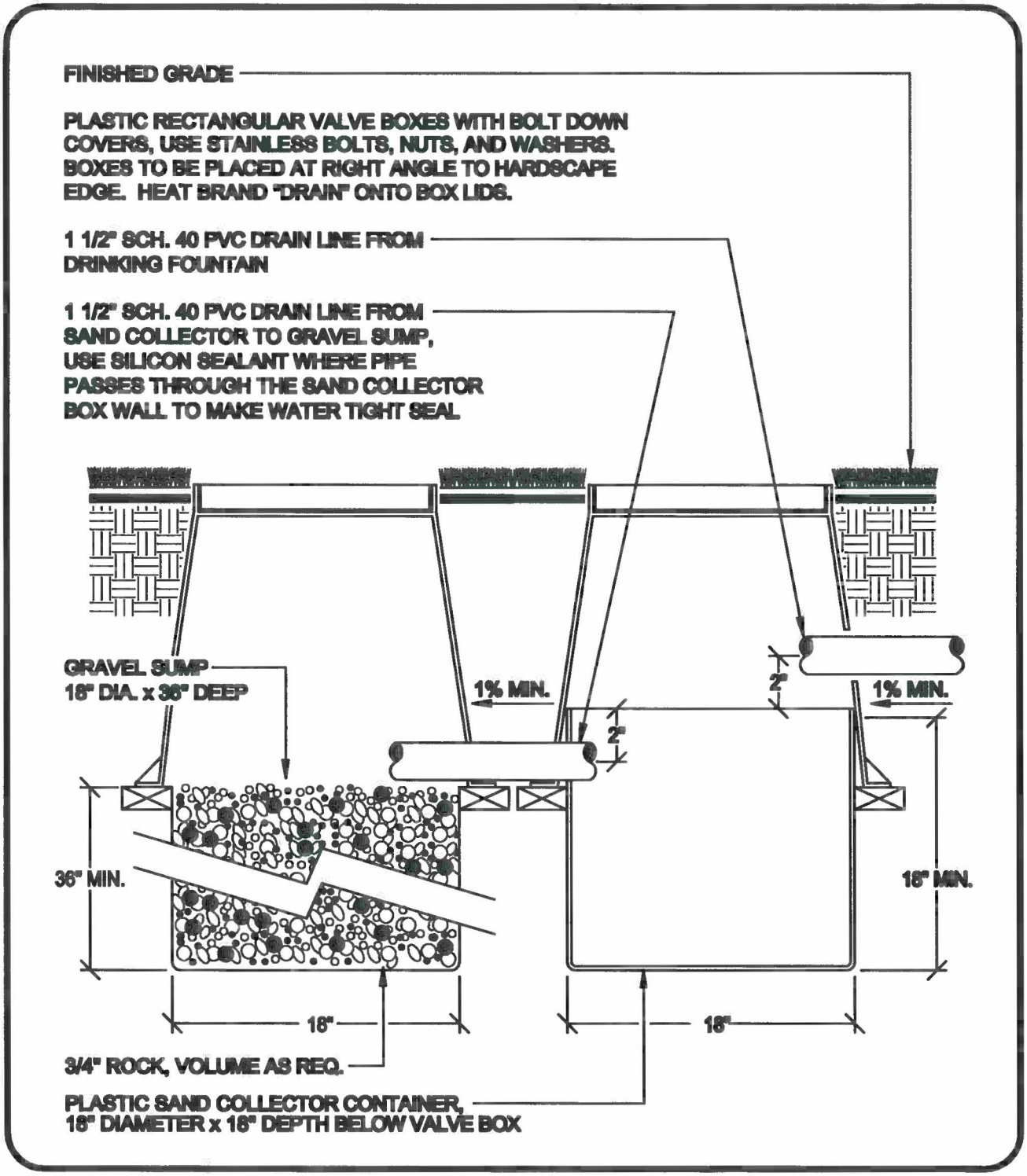
	CITY OF MURRIETA	NO SCALE
Murrieta	BLEACHER PAD DETAIL	SPE008
		JANUARY 2014



NOTES:

1. MEETS ADA REGULATIONS.
2. DO NOT SCALE DRAWINGS.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. MUST APPLY ADHESIVE CAULKING TO BOTTOM OF SURFACE MOUNT FLANGE.
5. GRAVEL PIT MUST ADHERE TO LOCAL CODES.

Murrieta	CITY OF MURRIETA	NO SCALE
	TYPICAL DOUBLE DRINKING FOUNTAIN	SPE009
		JANUARY 2014



	CITY OF MURRIETA	NO SCALE
Murrieta	DRINKING FOUNTAIN DRAIN LINE	SPE010
		JANUARY 2014

D. STANDARD PARK EQUIPMENT LIST

DRINKING FOUNTAINS
Most Dependable Fountains, Inc. : Model 810SM-02

TRASH RECEPTACLES
Ultra Site by Play Core Company: PR36-Diamond Pattern with 18" cable
Round Dome Top RT-32
Liner PL-32

LIGHTING
Gardco Lighting: LED Fixtures

Sports Field Lighting: MUSCO

BARBEQUE FIXTURES
Ultra Site by Play Core Company: Model 630 G-3

PICNIC TABLES
Ultra Site by Play Core Company: Model 338-RDV-S
ADA Model 347-P6

BENCHES
Ultra Site by Play Core Company: Model 961 S-V6

PREFABRICATED PARK RESTROOM UNIT
Public Restrooms

PLAY EQUIPMENT / TOT LOT
Park and Play Structures by Play Core Company

PLAY EQUIPMENT SURFACING
Surface America

BLEACHERS
GT Grandstands by Play Core Company: Model LR-0315AS

Unit to be bolted down on concrete slab.