

LANDSCAPING

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L

2" DIA. LODGEPOLE STAKE. MIN 10' LENGTH.

PLAN

RUBBER TREE TIES LOOPED IN A 'FIGURE 8' AROUND TRUNK AND STAKE.

EACH TREE TIE SHALL BE NAILED TO STAKE USING GALVANIZED NAILS.

DO NOT REMOVE SIDE GROWTH ALONG TRUNK. PRUNE ONLY AS DIRECTED BY THE AGENCY.

2-2" DIA 10' MIN LENGTH LODGEPOLE STAKES AND 4 TIES. TOP TREE TIES SHALL BE 3" BELOW TOP OF STAKE. TIES SHALL PROVIDE FLEXIBILITY OF TRUNK BUT NOT ALLOW RUBBING OF TRUNK OR BRANCHES AGAINST STAKE.

6" FROM LOWEST OR NEAREST BRANCH.

CHAMFER AS NEEDED TO ELIMINATE SOIL SLOUGHING. 1:1 MAX SLOPE.

TOP OF ROOT BALL 1" ABOVE FINISHED GRADE.

2"-3" MULCH, 3" CLEAR FROM TRUNK.

4" HIGH BERM FIRMLY COMPACTED

4" PERFORATED PVC BREATHER TUBE W/ BLACK FLAT GRATE CAP FASTENED STAINLESS STEEL SCREW (2) WRAPPED IN FILTER FABRIC & EXTENDING TO THE BOTTOM OF PLANTING PIT.

PLANT TABLETS BURIED, MAX 3" DEEP

DEPTH OF ROOT BALL

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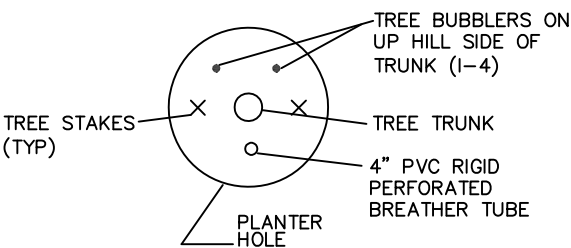
PLANT TABLETS PER SPECS., MAX 3" DEEP.

2 x BALL WIDTH

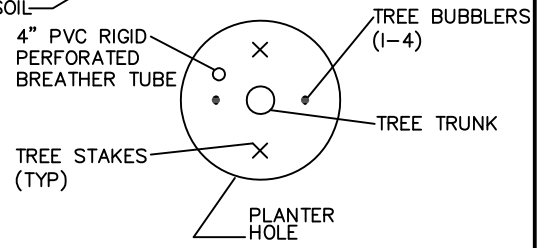
2 x BALL WIDTH MINIMUM

SCARIFY BOTTOM AND EDGES OF PLANT PIT.

UNDISTURBED NATIVE SOIL



A - SLOPES



B - LEVEL GROUND

NOTES

1. DOUBLE STAKE 15 GAL. AND LARGER TREES. SINGLE STAKE TREES SMALLER THAN 15 GAL.
2. FOR SINGLE STAKED TREES, PLACE STAKE ON WINDWARD SIDE OF TREE.
3. LOCATE STAKES OUTSIDE OF ROOTBALL.
4. PROVIDE MINIMUM DISTANCE FROM OTHER OBJECTS AS FOLLOWS:
20' TRAFFIC SIGNALS, 12' STREET LIGHTS, 10' FIRE HYDRANTS, SEWER LINES AND SDG&E FOR PAD MOUNTED EQUIPMENT, AND 5' UNDERGROUND SDG&E ELECTRIC AND GAS LINES.

Revision	By	Approved	Date
ORIGINAL		Kercheval	12/75
Reviewed	EW	T. Stanton	10/18
Reviewed	RP	S. Engeda	03/22

SAN DIEGO REGIONAL STANDARD DRAWING

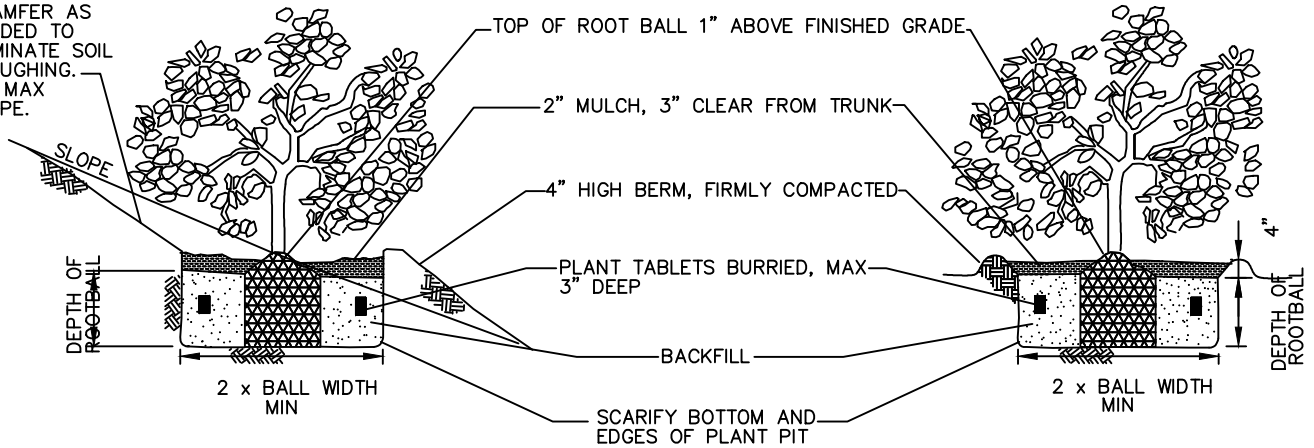
RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE

Samsir Engeda 03/24/2022
Chairperson R.C.E. 52241 Date

TREE PLANTING AND STAKING

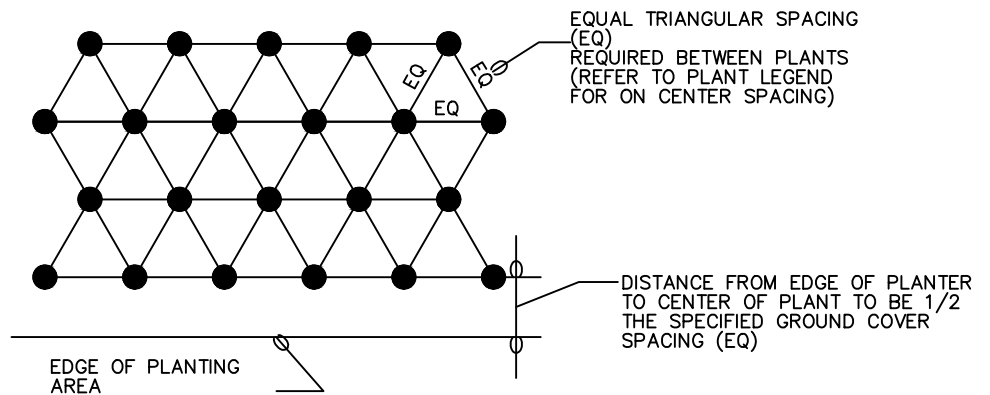
DRAWING NUMBER **L-01**

CHAMFER AS NEEDED TO ELIMINATE SOIL SLOUGHING. 1:1 MAX SLOPE.



SHRUB PLANTING – SLOPES

SHRUB PLANTING – LEVEL GROUND



GROUND COVER SPACING

Revision	By	Approved	Date
ORIGINAL		Kercheval	12/75
Reviewed	EW	T. Stanton	10/18
Reviewed	RP	S. Engeda	03/22

SAN DIEGO REGIONAL STANDARD DRAWING

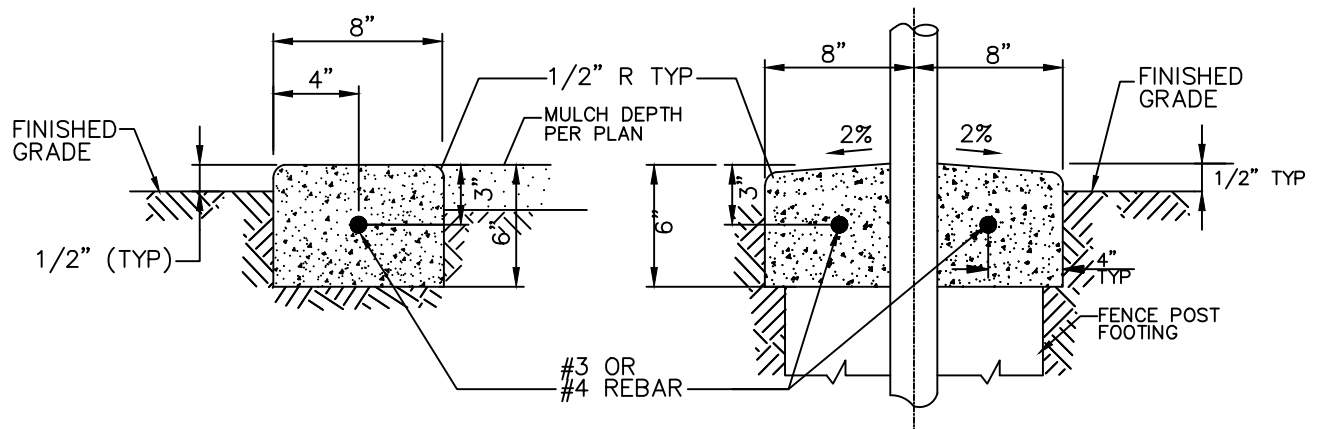
SHRUB PLANTING/GROUND COVER SPACING

RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE

Saman Engeda 03/24/2022

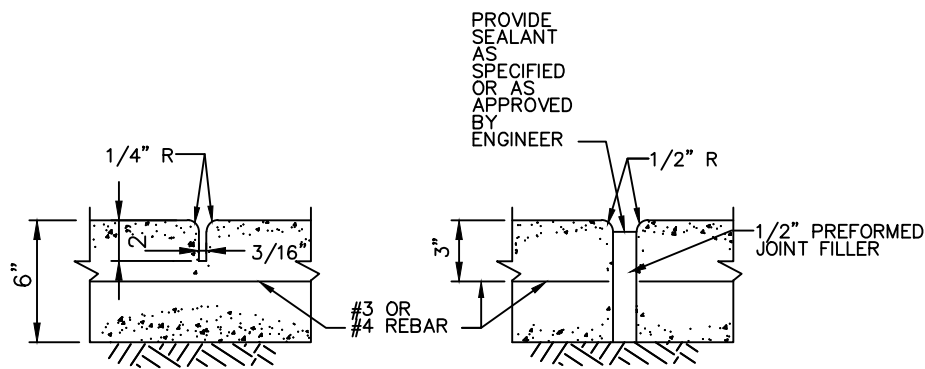
Chairperson R.C.E. 52241 Date

DRAWING NUMBER **L-02**



TYPE A
ALL AREAS
EXCEPT
UNDER
FENCES

TYPE B
UNDER FENCES



WEAKENED PLANE JOINT
MAX 20' OC

EXPANSION JOINT
MAX 120' OC

NOTES

1. REBAR SHALL BE CONTINUOUS WITH 12" OVERLAP WHERE SPLICED.
2. CONCRETE SHALL BE CLASS 520-C-2500 AND SAME COLOR AS ADJACENT CONCRETE AND HAVE A SMOOTH TROWEL FINISH.
3. INSTALL WEAKENED PLANE JOINTS AT EACH FENCE POST.
4. INSTALL EXPANSION JOINTS WHERE THE MOWING STRIP ABUTS CONCRETE IMPROVEMENT AND AT LOCATION APPROVED BY THE AGENCY.

Revision	By	Approved	Date
ORIGINAL		Kercheval	12/75
Reviewed	EW	T. Stanton	10/18
Reviewed	RP	S. Engeda	03/22

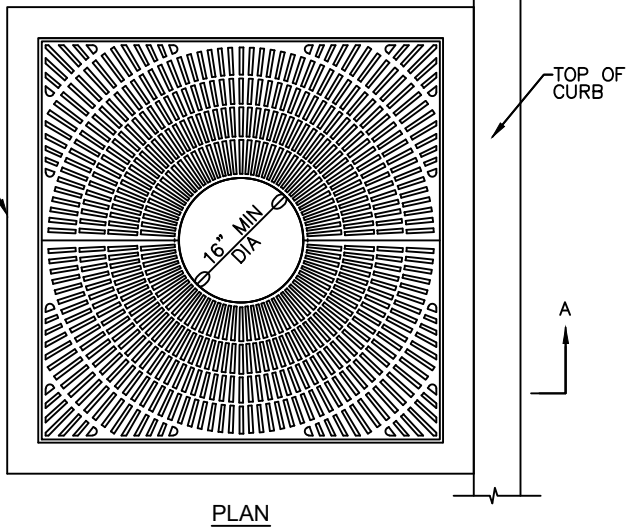
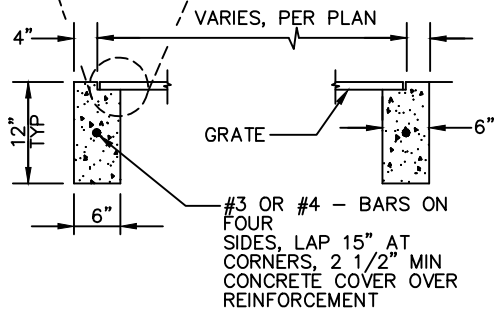
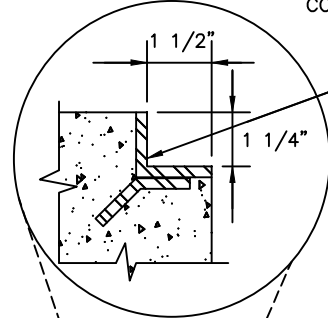
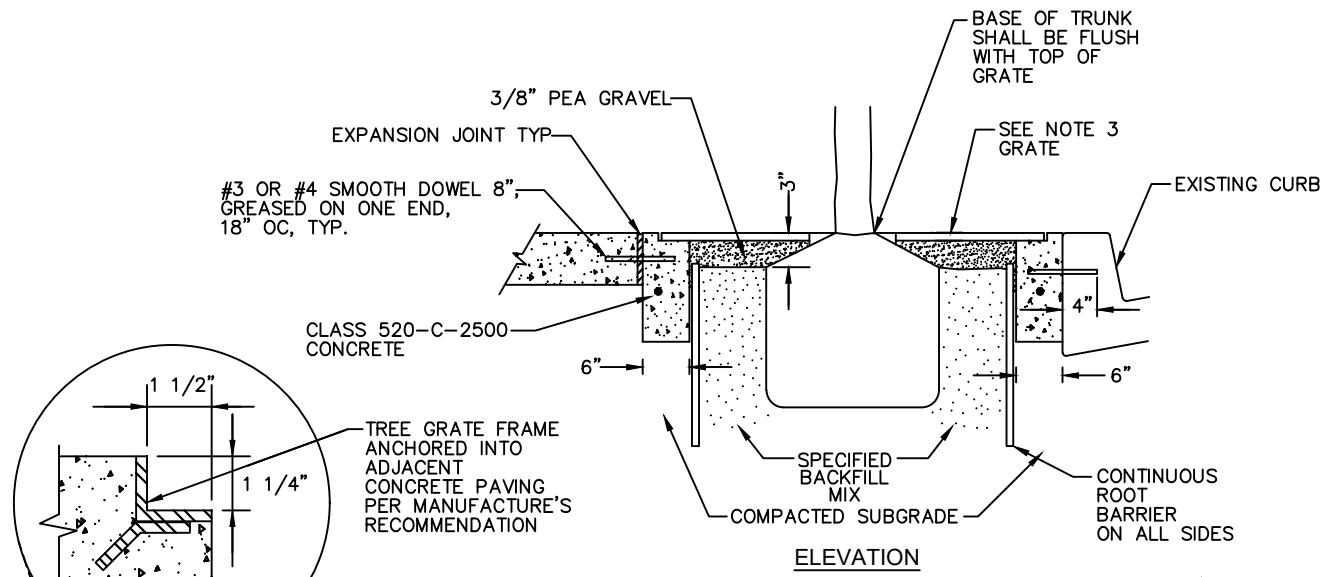
SAN DIEGO REGIONAL STANDARD DRAWING

RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE

Samantha Engeda 03/24/2022
Chairperson R.C.E. 52241 Date

CONCRETE MOWING STRIP

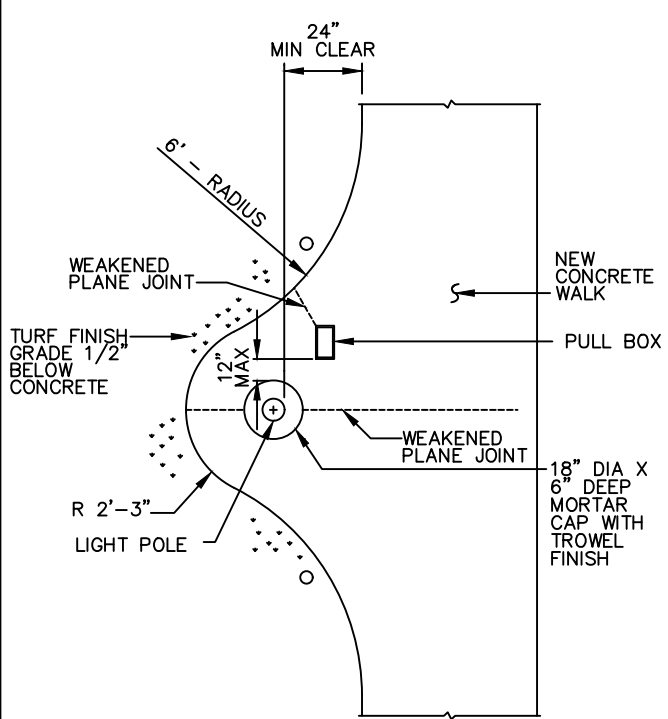
DRAWING NUMBER **L-03**



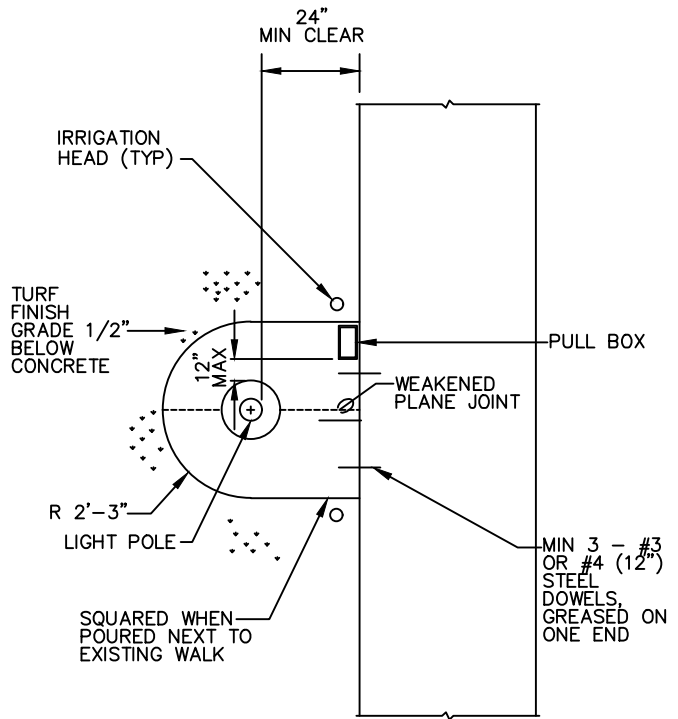
NOTES:

1. CONCRETE TO BE REMOVED FOR EACH TREE PLANTING SHALL BE SAW CUT FULL DEPTH.
2. BOLTS, NUTS AND WASHERS SHALL BE GRADE 316 STAINLESS STEEL. GRATE FRAME SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION. ALL GRATES SHALL BE REMOVABLE & FASTENERS SHALL BE ACCESSIBLE TO MAINTENANCE .
3. GRATES SHALL BE MINIMUM 40 SQUARE FEET IN SIZE, AND 2 SEPARATE PIECES, UNLESS OTHERWISE SPECIFIED ON THE PLANS. SLOT OPENINGS IN GRATE DESIGN SHALL HAVE 3/8" MAXIMUM WIDTH. GRATE DESIGNS AND INSTALLATION SHALL BE IN ACCORDANCE WITH CURRENT ADA STANDARDS AND THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE, WITH A MINIMUM UNIFORM LIVE LOAD OF 250 POUNDS PER SQUARE FOOT IN SIDEWALKS.
4. IMMEDIATE NOTIFICATION SHALL BE GIVEN TO THE ENGINEER OF ANY BELOW GRADE IMPROVEMENTS ENCOUNTERED.
5. SET GRATE IN FRAME PRIOR TO PLACEMENT OF PAVEMENT. ANY WARPED OR NON-FLUSH FITTING GRATES SHALL BE REPLACED.
6. TREE SHALL BE CENTERED IN GRATE OPENING. GRATES SHALL HAVE A PERMANENT SLIP RESISTANT FINISH.
7. ADJACENT SIDEWALK SHALL HAVE A MINIMUM CLEARANCE WIDTH OF 4' FROM THE EDGE OF GRATE.
8. GRATE SHALL BE UNIFORM WITH ADJACENT GRADE.
9. PROVIDE MINIMUM DISTANCE FROM OTHER OBJECTS AS FOLLOWS: 12' STREET LIGHTS, 10' FIRE HYDRANTS, 10' SEWER LINES, AND 20' TRAFFIC SIGNALS.
- 10.SUBMIT GRATE DESIGN FOR APPROVAL.

Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
ORIGINAL		Parkinson	05/92		
Reviewed	EW	T. Stanton	10/18		
Reviewed	RP	S. Engeda	03/22		
				TREE GRATE	 Chairperson R.C.E. 52241 Date 03/24/2022
				DRAWING NUMBER	L-04



MONOLITHIC CONCRETE PLACEMENT



PAD WHEN ADJACENT TO EXISTING CONCRETE

NOTES:

1. USE MONOLITHIC PLACEMENT FOR NEW CONSTRUCTION.
2. POLE PADS SHALL DRAIN AT 1.5% MINIMUM IN SAME DIRECTION AS SIDEWALK.
3. CONCRETE PAD SHALL BE THE SAME AS SPECIFIED FOR SIDEWALK.
4. LOCATE LIGHT POLES OUTSIDE OF TURF AREAS AND AWAY FROM TREES AS APPROVED BY THE ENGINEER UNLESS SPECIFIED OTHERWISE
5. PULL BOX WITH BOLT-DOWN LID MINIMUM 6" FROM ALL EDGES (POLYMER EDGED BOX WITH BRICK FOUNDATION)
6. IRRIGATION HEAD SHALL BE 6 INCHES FROM ADJACENT CURBS, WALKS, PAVING AND SIMILAR IMPROVEMENTS.

Revision	By	Approved	Date
ORIGINAL		Parkinson	09/88
Revised	EW	T. Stanton	10/18
Reviewed	RP	S. Engeda	03/22

SAN DIEGO REGIONAL STANDARD DRAWING

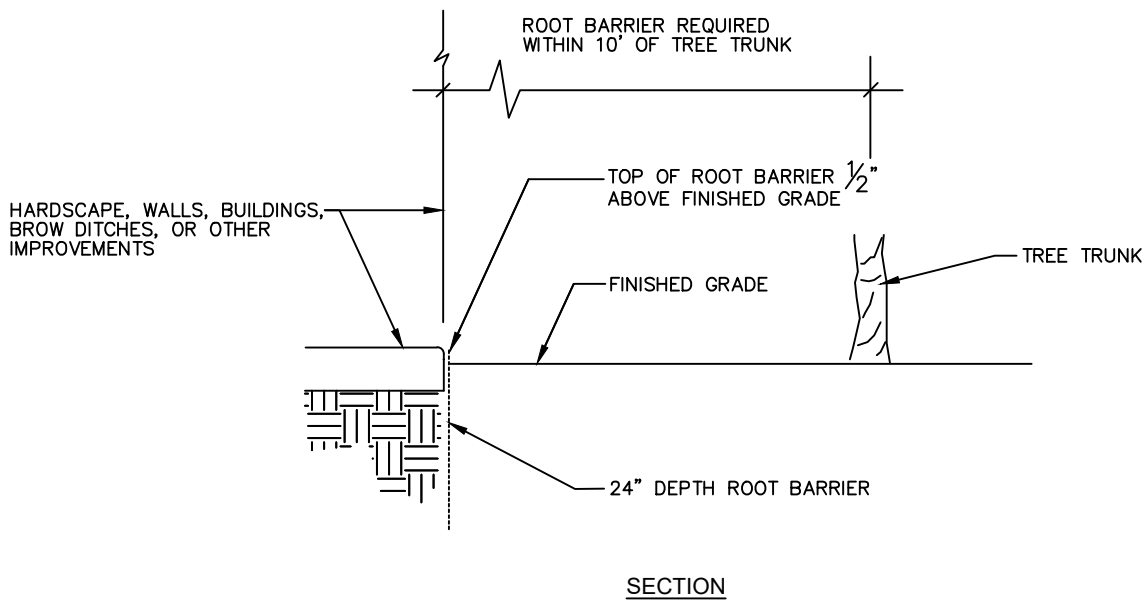
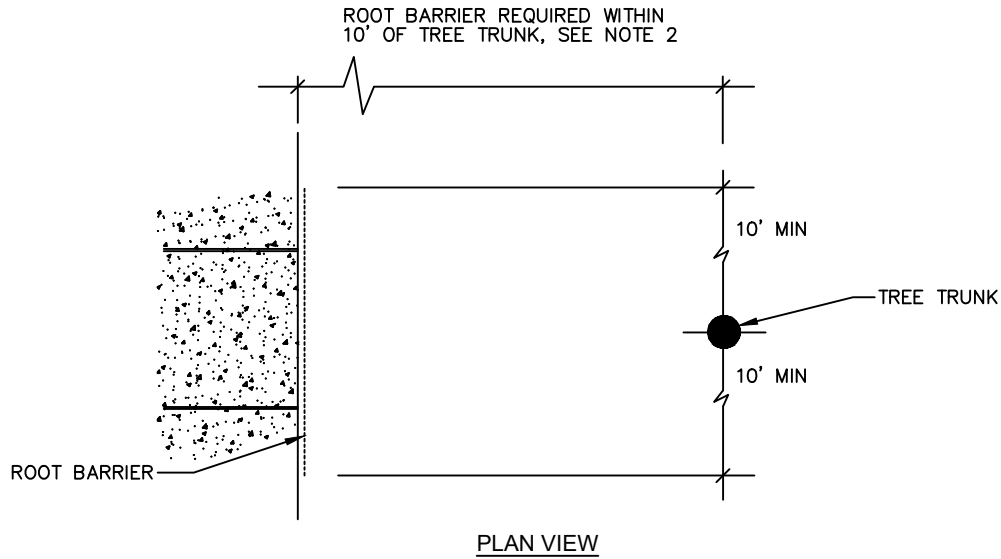
LIGHT POLE PAD IN TURF AREAS

RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE

Saman Engeda 03/24/2022

Chairperson R.C.E. 52241 Date

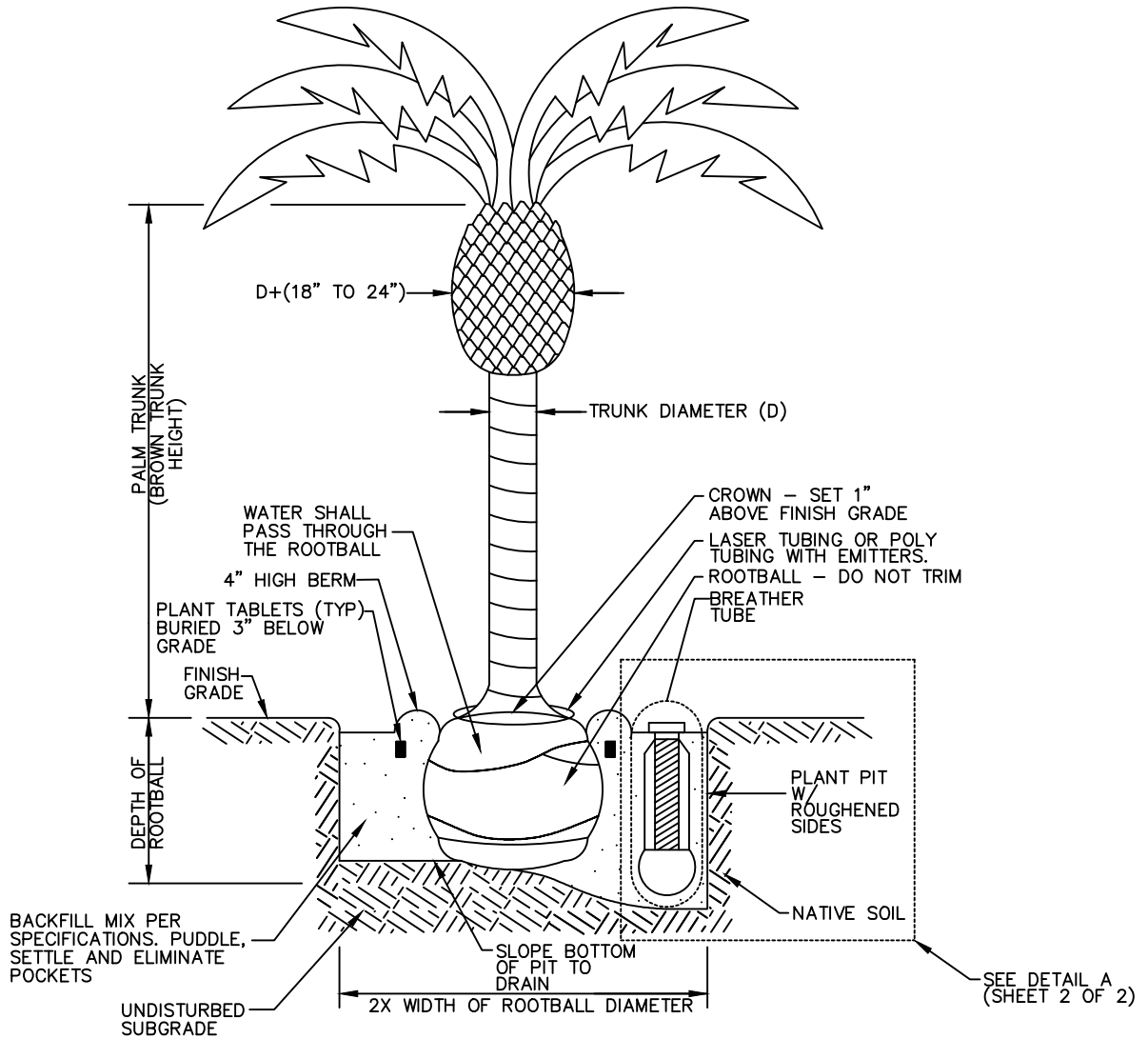
DRAWING NUMBER **L-05**



NOTES:

1. ROOT BARRIER SHALL BE INSTALLED ADJACENT TO THE IMPROVEMENT AND NOT AROUND THE ROOTBALL.
2. ROOT BARRIER REQUIRED WHEN TREE TRUNK IS WITHIN 10' OF HARDSCAPE, WALLS, BUILDINGS, BROW DITCHES, OR OTHER IMPROVEMENTS.
3. FOR ROOT BARRIER INSTALLATION WITH THE TREE GRATES SEE L-4.

Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
ORIGINAL		M. Caro	02/06		ROOT CONTROL BARRIER
Reviewed	HM	T. Stanton	10/15	Chairperson R.C.E. 52241 Date	
Reviewed	EW	T. Stanton	10/18	DRAWING NUMBER	
Reviewed	RP	S. Engeda	03/22	L-06	

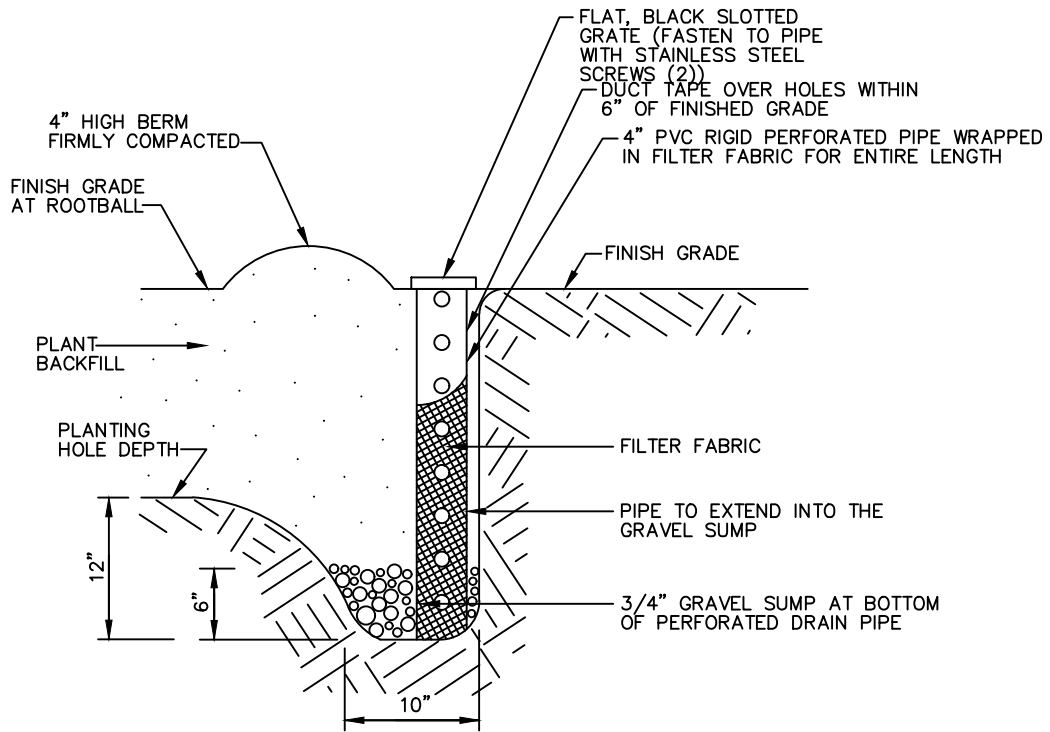


NOTES:

1. TIE PALM FRONDS TOGETHER WITH BIODEGRADABLE SISAL TWINE. TWINE SHALL BE REMOVED AFTER 90 DAYS OF TRANSPLANTING UNLESS OTHERWISE DIRECTED BY THE AGENCY.
2. PALM TRUNKS SHALL BE SKINNED, TRIMMED, AND VERTICAL.
3. STEM DIAMETER REQUIREMENT APPLIES ONLY TO PHOENIX SPECIES.

SHEET 1 OF 2

Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
ORIGINAL	KA	N. Batta	06/11		
Reviewed	EW	T. Stanton	10/18	PALM TREE PLANTING	<i>Samantha Engeda</i> 03/24/2022
Reviewed	RP	S. Engeda	03/22		Chairperson R.C.E. 52241 Date
					DRAWING NUMBER L-07



DETAIL - A
BREATHER TUBE

Revision	By	Approved	Date	SAN DIEGO REGIONAL STANDARD DRAWING	RECOMMENDED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE
ORIGINAL	KA	N. Batta	06/11		PALM TREE PLANTING
Reviewed	EW	T. Stanton	10/18	Chairperson R.C.E. 52241 Date	
Reviewed	RP	S. Engeda	03/22	DRAWING NUMBER	
				L-07	