

# **GENERAL LANDSCAPE NOTES**

- 1. The Contractor shall verify and coordinate all final grades with the Landscape Architect and or design team prior to completion.
- 2. Location and placement of all plant material shall be coordinated with the Landscape Architect prior to installation.
- Location of all utilities are approximate, the Contractor shall field verify locations prior to commencement of construction operations.
- Refer to Civil Drawings for all grading and berming, erosion control, storm drainage, utilities and site layout.
- 5. Plant quantities are for information only, drawing shall prevail if conflict occurs. Contractor is responsible for calculating own quantities and bid accordingly.
- Tree locations in areas adjacent to drives, walks, walls and light fixtures may be field adjusted as approved by Landscape Architect.
- 7. The Contractor shall report subsurface soil or drainage problems to the Landscape Architect.
- 8. The plan is subject to changes based on plant size and material availability. All changes or substitutions must be approved by the El Paso Count, Falcon, Colorado and the Landscape Architect.

# 9. Aluminum landscape edging to be used on all

- landscape beds adjoining turf areas as noted on landscape plans.
- 10. Landscape Contractor shall be responsible for watering all plant material until the time that a permanent water source is ready.
- 11. The Contractor shall show proof of procurement, sources, quantities, and varieties for all shrubs, perennials, ornamental grasses, and annuals within 21 days following the award of the contract.
- 12. Contractor shall provide full maintenance for newly landscaped areas for a period of 30 days after the date of final acceptance. At the end of the maintenance period, a healthy, well-rooted, even-colored, viable turf and landscaped area must be established. The landscaped areas shall be free of weeds, open joints, bare areas, and surface irregularities.

# **GENERAL IRRIGATION NOTES**

- Irrigation plan to be provided during permitting phase of development
- 1. Irrigation plan to not interfere with any proposed improvements shown.
- 2. Irrigation system design to be based on available psi. Minimum operating pressure for spray heads shall be 30 psi and minimum operating pressure for drip zones shall be 40 psi.
- 3. The contractor shall be responsible for providing uninterrupted, 110 v electrical service to the controller and for all hook-ups. All exposed low voltage wire shall be enclosed in a conduit.
- Place valve boxes 12" minimum from and parallel to curbs and walks, grouped valves to be equally spaced.
- 5. Install all mainlines to 1% minimum slope to drain valves located at low points of main system.
- 6. Irrigation controller and rain sensor shall be located in owner approved locations.

# SITE DATA

	Quantity	Required	Provided
Site Area	59,677		
Open Space Req			~~~
min 15% of lot		8,951.58	•
1 tree/ 500 SF of internal LA area		17.90(	
Roadway Landscaping			
E Woodmen Rd (S)	232.65		
1 tree/20 ft		11.63	12
Private Drive (N)	183.15		
1 tree/30 ft		6.11	7
Parking Screening Landscape			
Continuous screen of 3' shrubs		Υ	Υ
Island/Interior Landscape			
Parking provided	48		
1 tree/15 spaces		3.2	4
Utility Screening			
Above ground cabinets should be			
screened w/landscaping		Υ	Υ

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screened w/landscaping		Υ	Υ

## PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	CONT	CAL	MIN. HT
	11	Crataegus crus-galli inermis / Thornless Cockspur Hawthorn FOR PLANTING SPECIFICATIONS SEE DETAILS 801 & 802, SHEET L2.0	B & B	1.5" DBH	
{\dagger}	4	Gleditsia triacanthos inermis 'Sunburst' / Sunburst Honey Locust FOR PLANTING SPECIFICATIONS SEE DETAILS 801 & 802, SHEET L2.0	B & B	1.5" DBH	
	5	Malus x 'Spring Snow' / Spring Snow Crabapple FOR PLANTING SPECIFICATIONS SEE DETAILS 801 & 802, SHEET L2.0	B & B	1.5" DBH	
$(\cdot)$	8	Quercus robur x alba 'Crimschmidt' TM / Crimson Spire Oak FOR PLANTING SPECIFICATIONS SEE DETAILS 801 & 802, SHEET L2.0	B & B	1.5" DBH	
EVERGREEN TREE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	MIN. HT
	1	Pinus ponderosa / Ponderosa Pine FOR PLANTING SPECIFICATIONS SEE DETAILS 801 & 802, SHEET L2.0	B & B		6` Ht
$\bigcirc$	1	Pinus sylvestris / Scotch Pine FOR PLANTING SPECIFICATIONS SEE DETAILS 801 & 802, SHEET L2.0	B & B		6` Ht
+	9	Pinus sylvestris 'Fastigiata' / Erect Scotch Pine FOR PLANTING SPECIFICATIONS SEE DETAILS 801 & 802, SHEET L2.0	B & B		6` Ht
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT.	<u>HEIGHT</u>	
$\bigcirc$	15	Euonymus fortunei `Colorata` / Purple-leaf Winter Creeper FOR PLANTING SPECIFICATIONS SEE DETAILS 803 & 804, SHEET L2.0	1 gal	6" - 12" Ht.	
$\overline{igopha}$	17	Hemerocallis x `Red Hot Returns` / Red Hot Returns Daylily	1 gal	12"-18" H	
	31	Panicum virgatum `Heavy Metal` / Heavy Metal Switch Grass FOR PLANTING SPECIFICATIONS SEE DETAILS 803 & 804, SHEET L2.0	1 gal	2` Ht.	
	6	Rhus aromatica `Gro-Low` / Gro-Low Fragrant Sumac FOR PLANTING SPECIFICATIONS SEE DETAILS 803 & 804, SHEET L2.0	7 gal	12"-18" H	
Every and	2	Viburnum prunifolium 'Ovazam' TM / Ovation Blackhaw Viburnum FOR PLANTING SPECIFICATIONS SEE DETAILS 803 & 804, SHEET L2.0	5 gal	8` Ht	
EVERGREEN SHRUBS	QTY	BOTANICAL / COMMON NAME	CONT.	<u>HEIGHT</u>	
$\odot$	8	Juniperus sabina `Scandia` / Scandia Juniper FOR PLANTING SPECIFICATIONS SEE DETAILS 803 & 804, SHEET L2.0	5 gal	2` height	
₹ <b>‡</b> }	9	Juniperus virginiana `Skyrocket` / Skyrocket Juniper	5 gal	36" height	
\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	15	Juniperus x pfitzeriana `Sea Green` / Sea Green Pfitzer Juniper	5 gal	2` Ht.	
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT		
\(\psi\) \(\	4,318 sf	Bouteloua dactyloides / Buffalo Grass PLACE LANDSCAPE EDGING WHERE TURF ADJOINS PLANTING BED. SEE DETAIL 805, SHEET L2.0	sod		
SCHEDULE C	CONT.				

# SCHEDULE CONT.

NATIVE SEED 17,502 sf Non-Irrigated Native Seed ROCK MULCH

SAMPLE OF ROCK MULCH TO BE PROVIDED TO OWNER AND ARCHITECT FOR APPROVAL. Arkansas Tan nor Denver Granite. SIze: 1"-3" Rock. Depth: 3" Depth

EROSION CONTROL BLANKET Double Netted Straw Erosion Control

— Fill these in



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PANDA PROJECT #: S8-22-D8137

PANDA STORE #: ARCH PROJECT #: 20044.016





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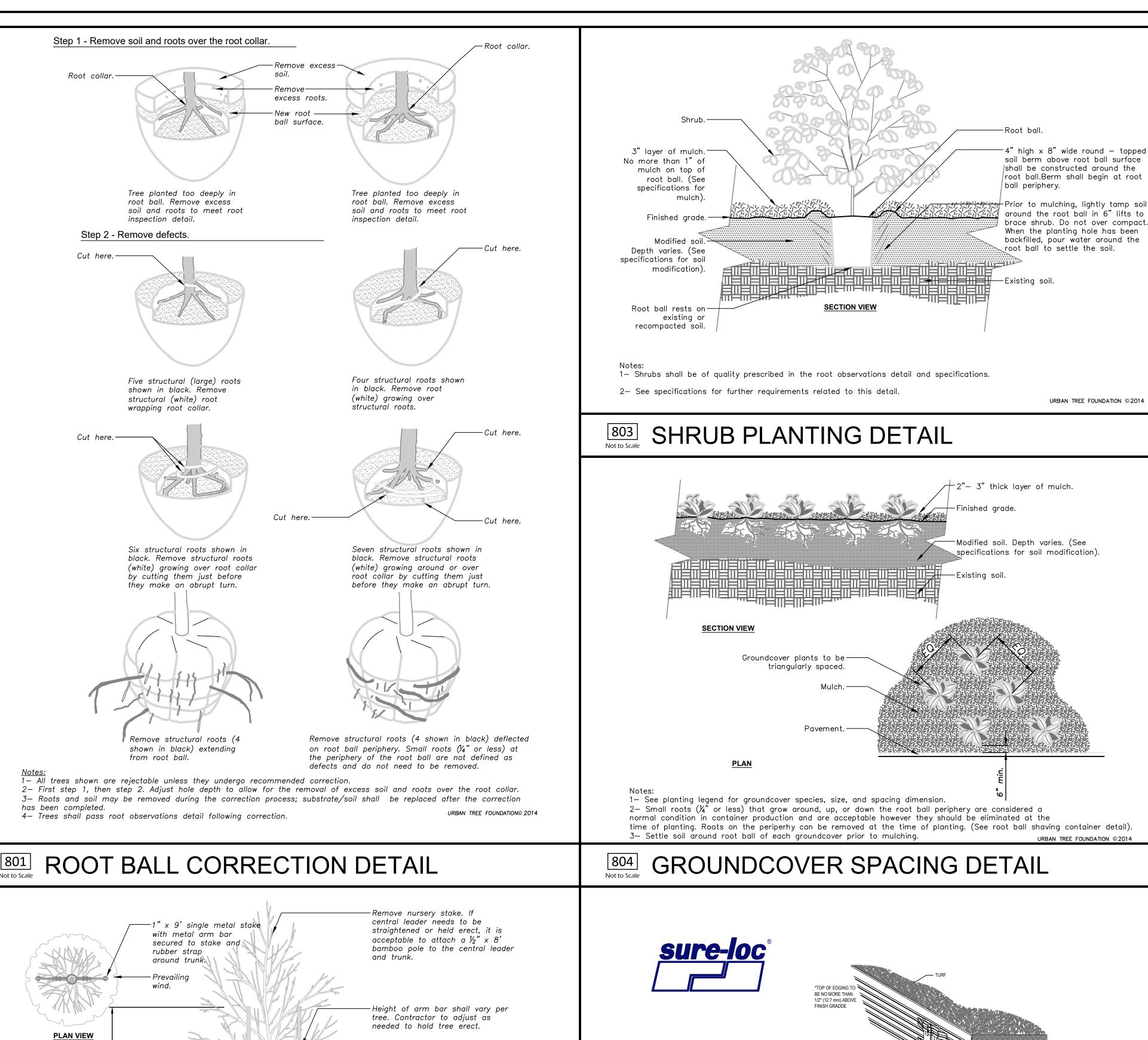
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LANDSCAPE PLAN

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Two (2) -1"  $\times$  9" metal stakes.

Stake location shall not interfere

specifications and recommendations.

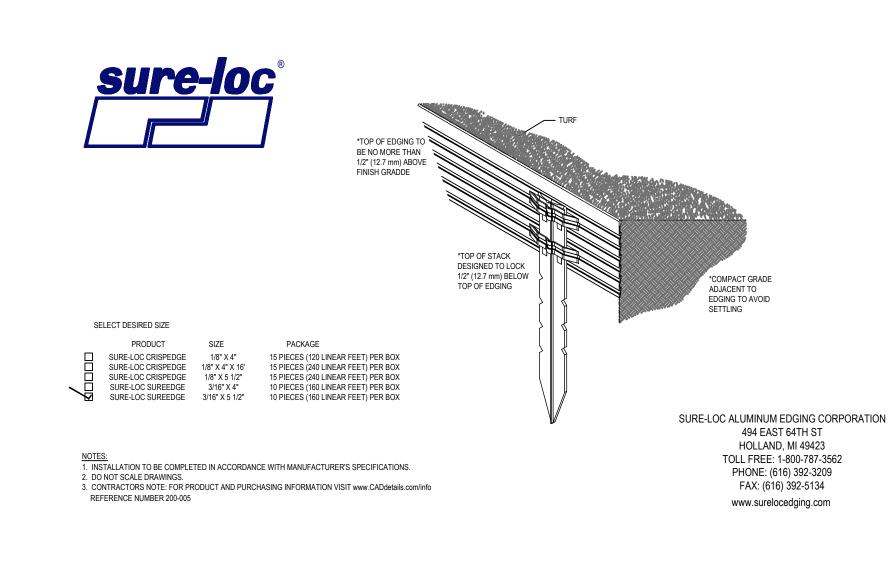
URBAN TREE FOUNDATION © 2014

Install per manufacturer's

with branches.

**SECTION VIEW** 

TREE STAKING DETAIL



805 ALUMINUM LANDSCAPE EDGING DETAIL
Not to Scale

### PLANTING NOTES

- 1. Location of all existing utilities needs to be done before commencing work.
- 2. The planting plan graphically illustrates overall plant massings. Each plant species massing shall be placed in the field to utilize the greatest coverage of ground plane. The following applies for individual plantings: A. Creeping groundcover shall be a minimum of 6" from paving edge.
  - B. All trees shall be a minimum of 3 ft. from paving edge.
- C. All plants of the same species shall be equally spaced apart and placed for best aesthetic viewing. D. All shrubs shall be a minimum of 2 ft. from paved edge.
- Mulch all planting bed areas to a minimum depth of 3". Mulch individual trees to a minimum depth of 2".
- Note: If plants are not labeled they are existing and shall remain. 5. All landscaped areas in right of way shall be sodded and irrigated unless otherwise specified.

- 1. Plant material shall be healthy, vigorous, and free of disease and insects as per AAN standards. 2. Kind, size and quality of plant material shall conform to American Standard for nursery stock, ANSI-260-2004, or most
- 3. Shredded bark mulch installed at trees shall be finely chipped and shredded hardwood chips, consisting of pure wood products and free of all other foreign substances. Pine bark compost mulch installed at planting bed areas shall be free of all other foreign substances.

### INSTALLATION:

- 1. All compacted soil within the area to be landscaped shall be removed to a depth of not less than two (2) feet and shall be
- 2. Prepare planting beds by incorporating an approved composed organic soil into existing soil for all shrub, perennial, and annual planting beds at a minimum depth of 6". Thoroughly mix organic material into the existing soil by roto-tilling or other approved method to a minimum depth of 12".
- 3. Planting of trees, shrubs, and seeded groundcover shall be commenced during either the spring (March 15 June 15) or fall (September 1 - October 15) planting season and with water available for hand irrigation purposes.
- 4. Apply liquid, root stimulator, to all shrubs and groundcovers at rates recommended by manufacturer during first planting watering following installation.
- 5. All planting beds will be prepared with polypropylene landscape fabric before plant material is installed. Rock mulch to be placed over polypropylene landscape fabric at a depth of 2" - 4". 6. Landscape fabric should be installed flat with all folds either pinned down with 4" landscape pins, overlap adjoining sheets
- a minimum of 2 4" steel landscape staples to be used to pin down the corners before rock mulch is installed.
- 7. After plants have been installed, all planting beds shall be treated with dacthal pre-emergent herbicide prior to mulch
- 8. Plant pit backfill for trees and shrubs shall be 20% peat or well composted manure and 80% topsoil. 9. Trees planted in landscaped planting areas shall be situated a minimum of three (3) feet from any curb.
- 10. Plant material shall be maintained and guaranteed for a period of one year after owner's acceptance of finished job. All dead or damaged plant material shall be replaced at landscape contractor's expense.
- 11. Landscape contractor shall maintain all plant material until final acceptance, at which point the one year guarantee begins. 12. All landscape beds shall be level with surrounding hardscape.

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Rosemead, California

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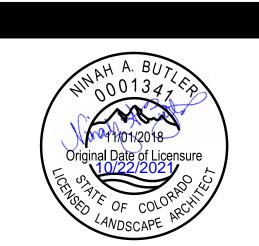
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PANDA STORE #:

ARCH PROJECT #: 20044.016



# **Incklover**architect 8813 PENROSE LANE, SUITE 400

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LANDSCAPE DETAILS

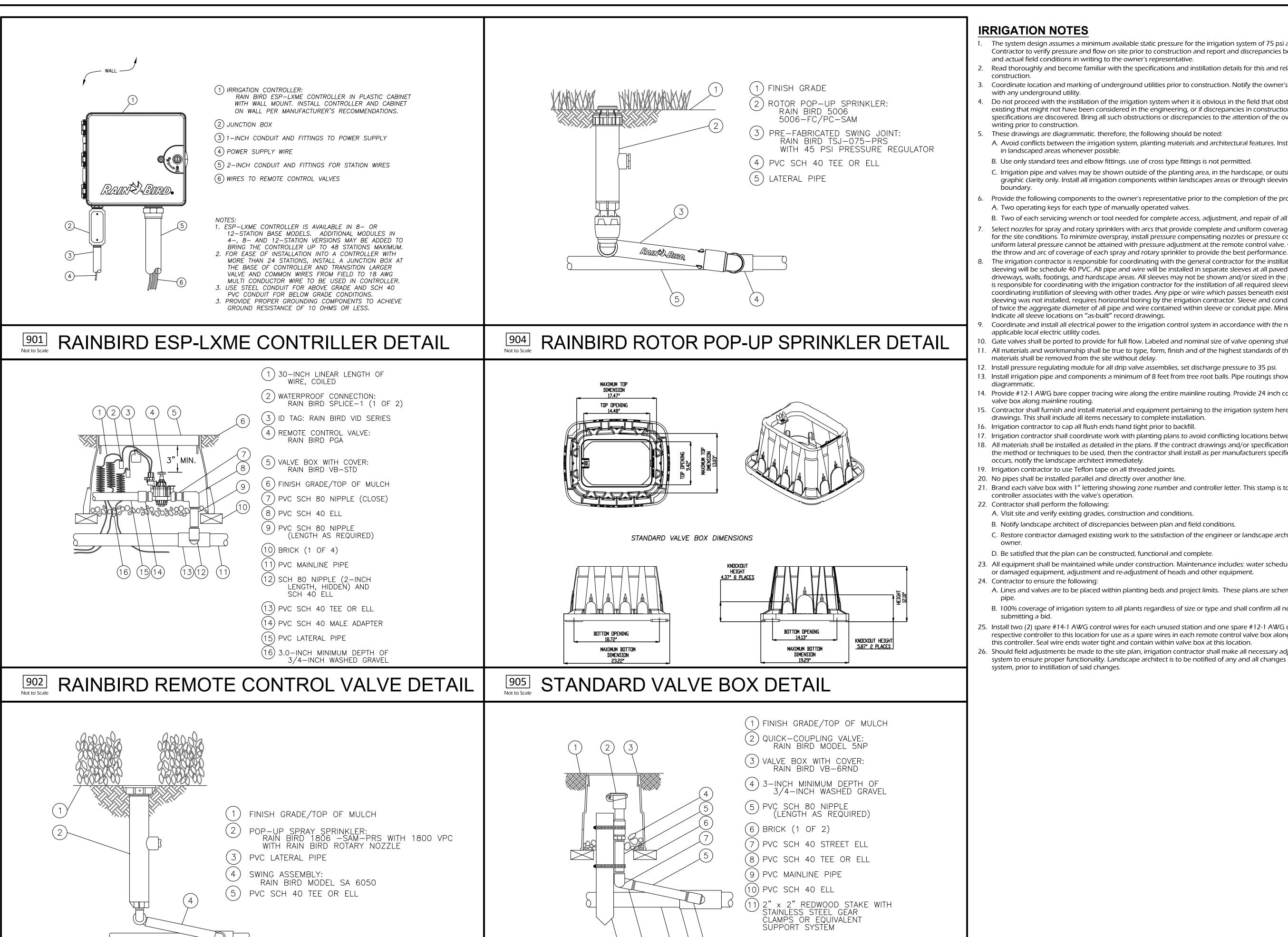
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# **SOD NOTES**

1. All disturbed areas shall be sodded/seeded with turf-type tall fescue sod with a minimum of three cultivars.

- 2. All landscaped areas shall receive a minimum 6-inch depth of topsoil compacted to 85% density at optimum moisture content.
- 3. The entire surface to be landscaped should be reasonable smooth and free from stones, roots or other debris.
- 4. Sod shall be machine stripped at a uniform soil thickness of approximately one inch (plus or minus 1/4-inch). The measurement for thickness shall exclude top growth and thatch, and shall be determined at the time of cutting in the field. Precautions shall be taken to prevent drying and heating. sod damaged by heat and dry conditions, and sod cut more than 18 hours before being incorporated into the work shall not be used.
- 5. Handling of sod shall be done in a manner that will prevent tearing, breaking, drying and other damage. Protect exposed roots from dehydration. Do not deliver more sod than can be laid within 24 hours.
- 6. Moisten prepared surface immediately prior to laying sod. water thoroughly and allow surface to dry before installing sod, fertilize, harrow or rake fertilizer in the top 1-1/2-inches of topsoil, at a uniform rate.
- 7. Fertilizer shall be 20-10-5 commercial fertilizer of the grade, type, and form specified and shall comply with the rules of the
- state dept. of agriculture. fertilizer shall be identified according to the percent N,P,K in that order.
- 8. Saturate sod with fine water spray within two hours of planting. During the first week after planting, water daily or more frequently as necessary to maintain moist soil to a minimum depth of four inches.





**IRRIGATION NOTES** 

- 1. The system design assumes a minimum available static pressure for the irrigation system of 75 psi at the 1 inch meter. Contractor to verify pressure and flow on site prior to construction and report and discrepancies between these assumptions and actual field conditions in writing to the owner's representative.
- 2. Read thoroughly and become familiar with the specifications and instillation details for this and related work prior to
- Coordinate location and marking of underground utilities prior to construction. Notify the owner's representative of any conflict with any underground utility.
- Do not proceed with the instillation of the irrigation system when it is obvious in the field that obstructions or grade differences existing that might not have been considered in the engineering, or if discrepancies in construction details, legend, notes, or specifications are discovered. Bring all such obstructions or discrepancies to the attention of the owner's representative in writing prior to construction.
- 5. These drawings are diagrammatic. therefore, the following should be noted:
- A. Avoid conflicts between the irrigation system, planting materials and architectural features. Instill irrigation pipe and wiring in landscaped areas whenever possible.
- B. Use only standard tees and elbow fittings. use of cross type fittings is not permitted.
- C. Irrigation pipe and valves may be shown outside of the planting area, in the hardscape, or outside of property lines for graphic clarity only. Install all irrigation components within landscapes areas or through sleeving and within the property
- 6. Provide the following components to the owner's representative prior to the completion of the project.
- A. Two operating keys for each type of manually operated valves. B. Two of each servicing wrench or tool needed for complete access, adjustment, and repair of all sprinklers and emitters.
- Select nozzles for spray and rotary sprinklers with arcs that provide complete and uniform coverage with minimum overspray for the site conditions. To minimize overspray, install pressure compensating nozzles or pressure compensating screens if uniform lateral pressure cannot be attained with pressure adjustment at the remote control valve. Carefully adjust the radius of
- The irrigation contractor is responsible for coordinating with the general contractor for the instillation of irrigation sleeving. All sleeving will be schedule 40 PVC. All pipe and wire will be installed in separate sleeves at all paved surfaces, sidewalks, driveways, walls, footings, and hardscape areas. All sleeves may not be shown and/or sized in the plans. The general contractor is responsible for coordinating with the irrigation contractor for the instillation of all required sleeving, proper sizing, and coordinating instillation of sleeving with other trades. Any pipe or wire which passes beneath existing hardscape where sleeving was not installed, requires horizontal boring by the irrigation contractor. Sleeve and conduit sizes shall be a minimum of twice the aggregate diameter of all pipe and wire contained within sleeve or conduit pipe. Minimum sleeve size is 2-inch. Indicate all sleeve locations on "as-built" record drawings.
- Coordinate and install all electrical power to the irrigation control system in accordance with the national electric code and all applicable local electric utility codes.
- 10. Gate valves shall be ported to provide for full flow. Labeled and nominal size of valve opening shall be the same.
- 11. All materials and workmanship shall be true to type, form, finish and of the highest standards of the trade. Damaged or inferior materials shall be removed from the site without delay.
- 12. Install pressure regulating module for all drip valve assemblies, set discharge pressure to 35 psi.
- 13. Install irrigation pipe and components a minimum of 8 feet from tree root balls. Pipe routings shown on drawings are
- 14. Provide #12-1 AWG bare copper tracing wire along the entire mainline routing. Provide 24 inch coil of tracing wire in each
- 15. Contractor shall furnish and install material and equipment pertaining to the irrigation system herein specified or shown on the
- drawings. This shall include all items necessary to complete installation. 16. Irrigation contractor to cap all flush ends hand tight prior to backfill.
- 17. Irrigation contractor shall coordinate work with planting plans to avoid conflicting locations between piping and plant pits.
  - 18. All materials shall be installed as detailed in the plans. If the contract drawings and/or specifications do not thoroughly describe the method or techniques to be used, then the contractor shall install as per manufacturers specifications. If a contradiction occurs, notify the landscape architect immediately.
  - 19. Irrigation contractor to use Teflon tape on all threaded joints.
  - 20. No pipes shall be installed parallel and directly over another line.
- 21. Brand each valve box with 1" lettering showing zone number and controller letter. This stamp is to match the zone and
- controller associates with the valve's operation. 22. Contractor shall perform the following:
- A. Visit site and verify existing grades, construction and conditions.
- B. Notify landscape architect of discrepancies between plan and field conditions.
- C. Restore contractor damaged existing work to the satisfaction of the engineer or landscape architect without cost to the
- 23. All equipment shall be maintained while under construction. Maintenance includes: water scheduling, replacement of defective
- or damaged equipment, adjustment and re-adjustment of heads and other equipment. 24. Contractor to ensure the following:
- A. Lines and valves are to be placed within planting beds and project limits. These plans are schematic. contractor shall size all
- B. 100% coverage of irrigation system to all plants regardless of size or type and shall confirm all non-irrigated areas prior to
- 25. Install two (2) spare #14-1 AWG control wires for each unused station and one spare #12-1 AWG common wire from the
- respective controller to this location for use as a spare wires in each remote control valve box along the entire wire routing for this controller. Seal wire ends water tight and contain within valve box at this location.
- 26. Should field adjustments be made to the site plan, irrigation contractor shall make all necessary adjustments to the irrigation system to ensure proper functionality. Landscape architect is to be notified of any and all changes made to the irrigation system, prior to instillation of said changes.



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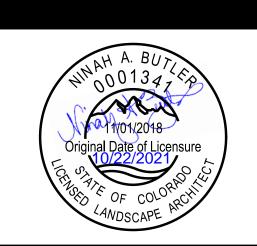
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IRRIGATION DETAILS

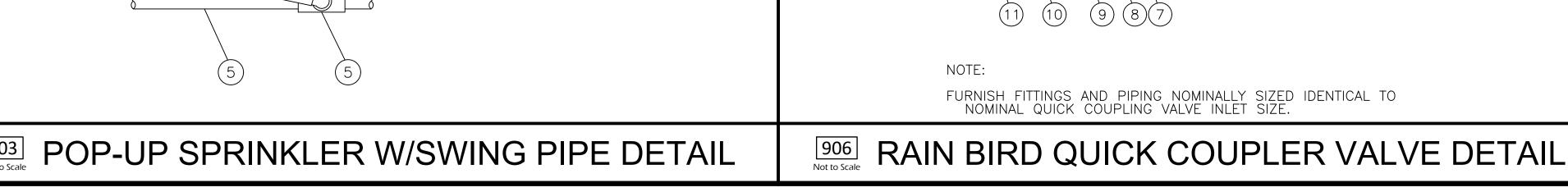
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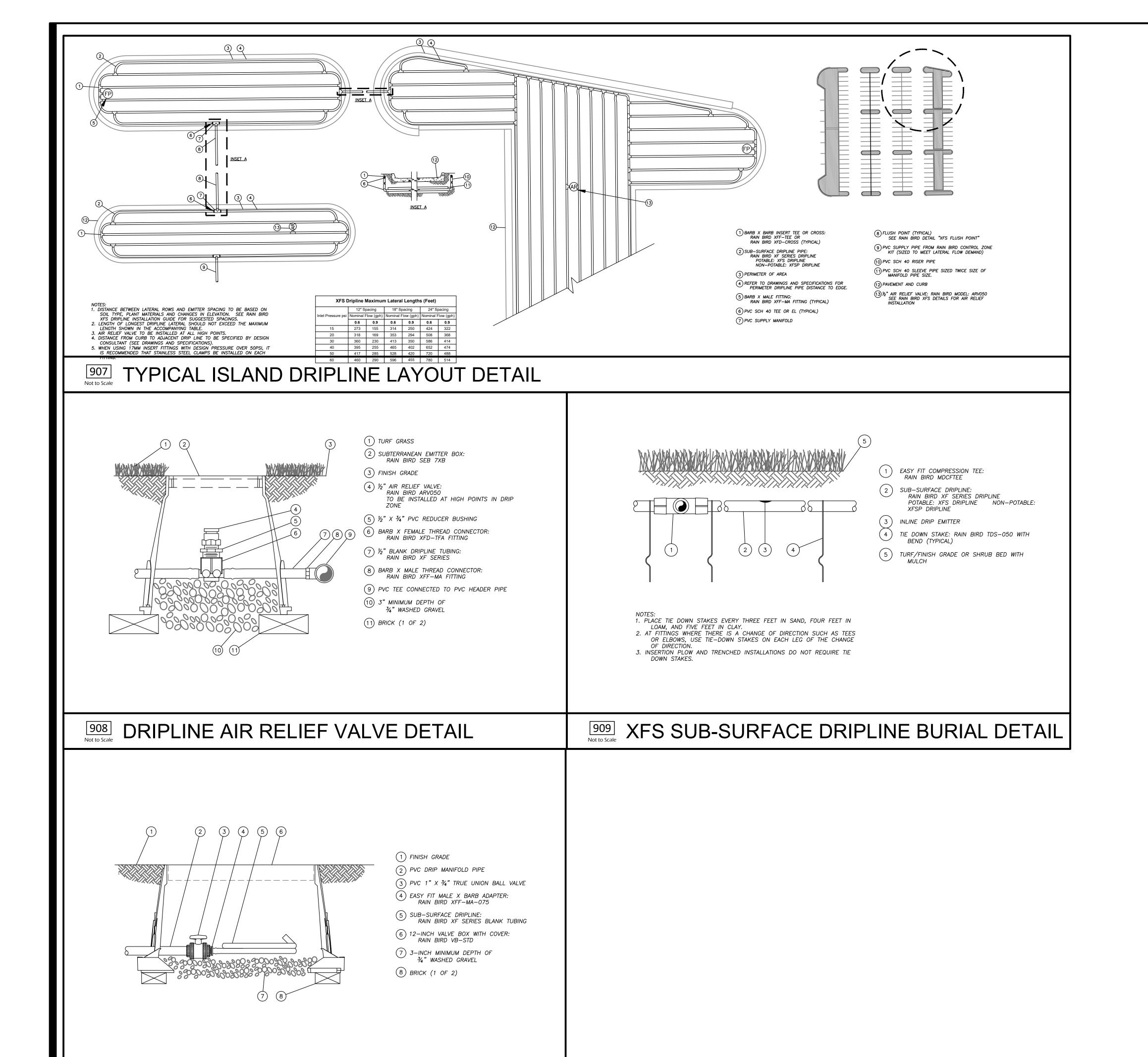
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DRIPLINE FLUSH POINT W/BALL VALVE DETAIL





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