

FLOOR & DECORE

15475 N. NORTHSIGHT BLVD.
SCOTTSDALE, ARIZONA 85260

PLANTING MATERIAL LEGEND

TREES	SIZE	NOTES	QTY
Existing Tree To Remain			
Prosopis chilensis hybrid Thornless Chilean Mesquite Caliper Size:1.5"	24" Box 5'-7" x 6'-7"	*ADWR	41
Parkinsonia x 'Desert Museum' Desert Museum Palo Brea Caliper Size:1.5"	24" Box 5'-7" x 3'-4"	*ADWR	16
Chilopsis linearis Desert Willow Caliper Size:1.5"	24" Box 5'-7" x 3'-4"	*ADWR	15
GROUNDCOVERS			QTY
Lantana montevidensis Trailing Lantana 'Purple'	5 Gallon can full	*ADWR	74
Lantana montevidensis Trailing Lantana 'Gold'	5 Gallon can full	*ADWR	95
SHRUBS / ACCENTS			QTY
Hesperaloe parviflora Red Yucca	5 Gallon can full	*ADWR	115
Dasyphyllum wheeleri Desert Spoon	5 Gallon can full	*ADWR	57
Leucophyllum frutescens Green Cloud	5 Gallon can full	*ADWR	82
Caesalpinia mexicana Mexican Bird of Paradise	5 Gallon can full	*ADWR	19
Ruellia peninsulae Baja Ruellia	5 Gallon can full	*ADWR	139
Leucophyllum frutescens Texas Sage "Compacta"	5 Gallon can full	*ADWR	27
LANDSCAPE MATERIALS			
Decomposed Granite. Match existing size and color, 2" deep in planting areas per plan.	33,200 s.f.		

*ADWR = Arizona Department of Water Resources
Approved Low-Water Use Plant

IRRIGATION LEGEND

SYSTEM DESIGNED USING A RESIDUAL PRESSURE OF 65 PSI

	WATER METER	EX. IRRIGATION, METER - VERIFY SIZE, REF. CIVIL PLAN
	RPBFA	EX. BACKFLOW PREVENTER ASSEMBLY, VERIFY SIZE PER PLAN, PROTECT EX. METAL ENCLOSURE.
	CONTROLLER	EX. CONTROLLER, FIELD VERIFY LOCATION AND CAPACITY, ADJUST PROGRAM FOR NEWLY PLANTED MATERIALS. COORDINATE WITH OWNERS REPRESENTATIVE.
	GATE VALVE	NIBCO GATE VALVE, SIZE PER LINE BRONZE MATERIAL
	FLUSH CAP	SPEARS FLUSH CAP 1/2" FLUSH VALVE
	EMITTER - SP	BOWSMITH 1.0 GPH (1 PER PLANT)
	EMITTER - MP	BOWSMITH 1.0 GPH 6 PORT (2 PER TREE)
	SERVICE POINT	CONNECT TO EXISTING IRRIGATION SERVICE

PIPE LEGEND

	TREE LATERAL
	SHRUB LATERAL
	PVC SCH. 40 - SIZE PER PLAN PIPE SLEEVE
	PVC SCH. 40 - 2 x PIPE SIZE MIN

LANDSCAPE CALCULATIONS CITY OF SCOTTSDALE

LANDSCAPE MATERIAL NOT ON A.D.W.R.:	0%
LANDSCAPE TURF AREA TOTAL:	0 S.F.
LANDSCAPE ON-SITE TOTAL: (NEW THIS PROJECT)	33,200 S.F.
LANDSCAPE OFF-SITE TOTAL: (NEW THIS PROJECT)	820 S.F.
LANDSCAPE PARKING LOT TOTAL: (NEW THIS PROJECT)	10,230 S.F.
TOTAL PROJECT LANDSCAPE AREA: (NEW THIS PROJECT)	34,020 S.F.

CITY OF SCOTTSDALE LANDSCAPE NOTES

- AREAS OF DECOMPOSED GRANITE (IF YOUR IN A ELSO AREA, DELETE THE "DECOMPOSED GRANITE" AND PUT "SALVAGED DESERT SURFACE SOIL") WITHOUT PLANT MATERIALS/GROUNDCOVERS SHALL NOT EXCEED DIMENSIONS OF MORE THAN 7 FEET IN ANY ONE DIRECTION, MEASURED BETWEEN PLANT CANOPIES AND/OR COVERAGE.
- A MINIMUM OF 50 PERCENTAGE (UNLESS OTHERWISE STIPULATED BY THE DEVELOPMENT REVIEW BOARD, AND/OR THE ZONING ORDINANCE REQUIREMENTS) OF THE PROVIDED TREES SHALL BE MATURE TREES, PURSUANT TO THE CITY OF SCOTTSDALE'S ZONING ORDINANCE ARTICLE X, SECTION 10.301, AS DEFINED IN THE CITY OF SCOTTSDALE'S ZONING ORDINANCE ARTICLE III, SECTION 3.100.
- A SINGLE TRUNK TREE'S CALIPER SIZE, THAT IS TO BE EQUAL TO OR LESS THAN 4-INCHES, SHALL BE DETERMINED BY UTILIZING THE SMALLEST DIAMETER OF THE TRUNK 6-INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK. A TREE'S CALIPER SIZE, FOR SINGLE TRUNK TREES THAT ARE TO HAVE A DIAMETER GREATER THAN 4-INCHES, SHALL BE DETERMINED BY UTILIZING THE SMALLEST DIAMETER OF THE TRUNK 12-INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK. A MULTIPLE TRUNK TREE'S CALIPER SIZE IS MEASURED AT 6" ABOVE THE LOCATION THAT THE TRUNK SPLITS ORIGINATES, OR 6" ABOVE FINISHED GRADE IF ALL TRUNKS ORIGINATE FROM THE SOIL.
- AREA WITHIN THE SIGHT DISTANCE TRIANGLES IS TO BE CLEAR OF LANDSCAPING, SIGNS, OR OTHER VISIBILITY OBSTRUCTIONS WITH A HEIGHT GREATER THAN 1.5 FEET. TREES WITHIN THE SIGHT TRIANGLE SHALL HAVE A SINGLE TRUNK AND A CANOPY THAT BEGINS AT 8 FEET IN HEIGHT UPON INSTALLATION. ALL HEIGHTS ARE MEASURED FROM NEAREST STREET LINE ELEVATION.
- NO TURF AREAS ARE TO BE PROVIDED.
- RETENTION/DETENTION BASINS SHALL BE CONSTRUCTED SOLELY FROM THE APPROVED CIVIL PLANS. ANY ALTERATION OF THE APPROVED DESIGN (ADDITIONAL FILL, BOULDERS, ETC.) SHALL REQUIRE ADDITIONAL FINAL PLANS STAFF REVIEW AND APPROVAL.
- ALL RIGHTS-OF-WAY ADJACENT TO THIS PROPERTY SHALL BE LANDSCAPED AND MAINTAINED BY THE PROPERTY OWNER.
- PRIOR TO THE ESTABLISHMENT OF WATER SERVICE, NON-RESIDENTIAL PROJECTS WITH AN ESTIMATED ANNUAL WATER DEMAND OF TEN (10) ACRE-FEET OR MORE SHALL SUBMIT A CONSERVATION PLAN IN CONFORMANCE WITH SECTIONS 49-245 THROUGH 49-248 OF THE CITY CODE TO THE WATER CONSERVATION OFFICE.
- TURF SHALL BE LIMITED TO THE MAXIMUM AREA SPECIFIED IN SECTIONS 49-245 THROUGH 49-248 OF THE CITY CODE AND SHALL BE SHOWN ON LANDSCAPE PLANS SUBMITTED AT THE TIME OF FINAL PLANS.
- NO LIGHTING IS APPROVED WITH THE SUBMITTAL.
- THE APPROVAL OF THESE PLANS RECOGNIZE THE CONSTRUCTION OF A LOW VOLTAGE SYSTEM AND DOES NOT AUTHORIZE ANY VIOLATION OF THE CURRENT CITY OF SCOTTSDALE ADOPTED ELECTRICAL CODE.
- THE LANDSCAPE SPECIFICATION SECTION(S) OF THESE PLANS HAVE NOT BEEN REVIEWED AND SHALL NOT BE PART OF THE CITY OF SCOTTSDALE'S APPROVAL.
- ALL SIGNS REQUIRE SEPARATE PERMITS AND APPROVALS.
- NEW LANDSCAPING, INCLUDING SALVAGED PLANT MATERIAL, AND LANDSCAPING INDICATED TO REMAIN WHICH IS DESTROYED, DAMAGED, OR EXPIRES DURING CONSTRUCTION SHALL BE REPLACED WITH LIKE SIZE, KIND, AND QUANTITY PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY / LETTER OF ACCEPTANCE TO THE SATISFACTION OF THE INSPECTION SERVICES STAFF.
- ALL REVEGETATED NAOS SHALL BE WATERED FOR 3 YEARS. AT THE END OF 3 YEARS, THE IRRIGATION SYSTEMS TO THE REVEGETATED NAOS SHALL BE PERMANENTLY DISCONNECTED.
- NO IRRIGATION SHALL BE PROVIDED TO UNDISTurbed NATURAL AREA OPEN SPACE (NAOS) AREAS.
- PROVIDE THE NATURAL AREA OPEN SPACE (NAOS) AND LIMITS OF CONSTRUCTION (LOC) PROTECTION PROGRAM ON THE PLANS.

IRRIGATION GENERAL NOTES

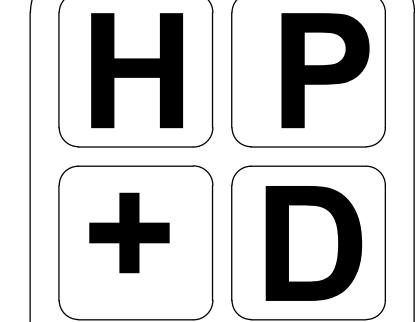
- IRRIGATION PLAN IS DIAGRAMMATIC. ADJUST LOCATION OF VALVES TO PROVIDE FULL AND ADEQUATE COVERAGE OR ADD EMMITERS AS NECESSARY TO ENSURE 100% COVERAGE OF PLANT MATERIALS. PREVENT OVERSPRAY ON ADJACENT IMPROVEMENTS.
- VERIFY WATER PRESSURE IN FIELD AND NOTIFY OWNER IMMEDIATELY SHOULD A DISCREPANCY EXIST.
- COORDINATE IRRIGATION SLEEVES LOCATION AND SIZE WITH A MINIMUM DIAMETER TWICE THE SIZE OF THE IRRIGATION LINE. EXTEND SLEEVES 12" BEYOND EDGE OF PAVEMENT, WALL, WALKS OR CURB.
- PROGRAM CONTROLLERS TO MAINTAIN SUFFICIENT FLOW RATES THROUGHOUT THE SYSTEM. ADJUST AS REQUIRED FOR SEASON AND PLANT MATERIAL UNTIL FINAL ACCEPTANCE.
- LOCATE TAN COLOR (CARSON OR EQUAL) VALVE BOXES (IRRIGATION, GATE VALVE, FLUSH CAP, CONTROL WIRE AND OTHERS) IN PLANTER AREAS. DO NOT LOCATE VALVE BOXES IN A LAWN OR HARDSCAPE UNLESS REQUIRED AND APPROVED BY OWNER.
- ALL IRRIGATION EQUIPMENT DESCRIBED IN LEGEND WILL BE ACCEPTED AS APPROVED EQUALS FOR PERFORMANCE. CONTRACTOR MAY SUBMIT FOR REVIEW EQUAL PERFORMANCE EQUIPMENT.
- Maintain or restore all existing landscape irrigation systems impacted by any work performed under this contract. Restore irrigation to provide 100% service and coverage.
- Contractor shall review and field verify layout of all irrigation system components and have the layout approved by the owner's representative prior to starting installation.
- The contractor shall be responsible for providing all piping necessary to provide a complete and fully operational irrigation system including all sub-lateral piping, fittings, and risers to each plant emitter as specified and as detailed, whether or not piping is shown on the plans.

SHEET INDEX

SHEET	TITLE
L.0.1	LANDSCAPE COVER
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L.2.0	IRRIGATION PLAN
L.3.0	LANDSCAPE DETAILS
L.4.0-L.4.1	IRRIGATION DETAILS

OWNER CONTACT

SONORA VILLAGE, LLC
15475 N. 84TH STREET
SCOTTSDALE, AZ 85260
DAN DAHL
(480) 387-5678
DDAHL@YAMPROPERTIES.COM



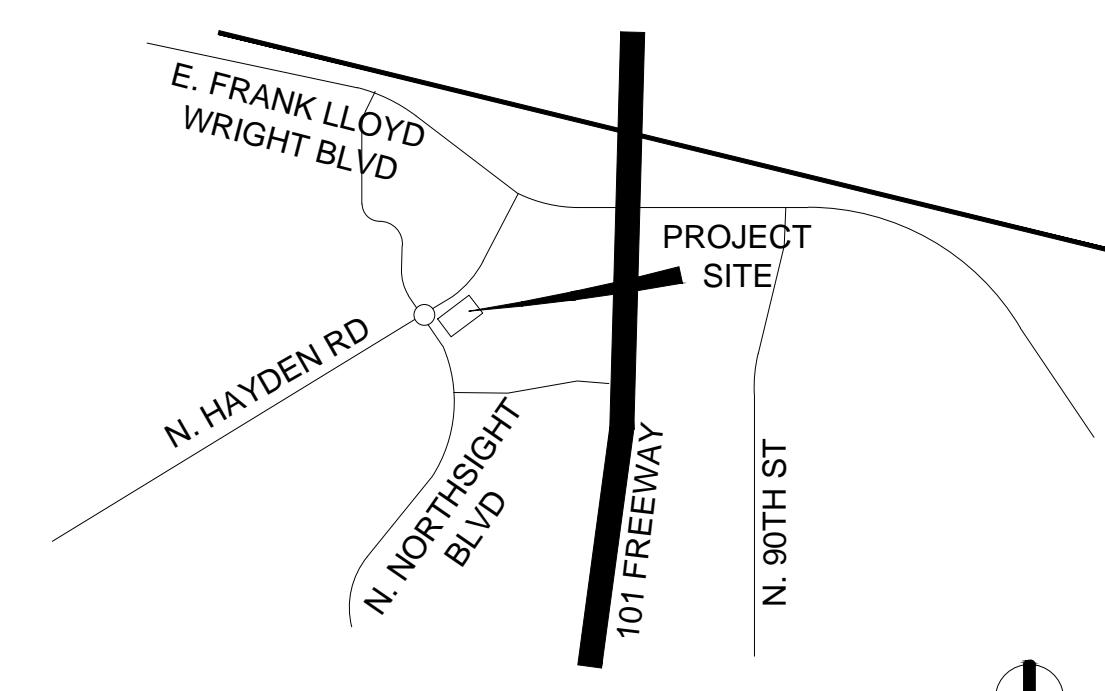
LANDSCAPE ARCHITECT

HARRINGTON PLANNING + DESIGN (HP+D)
4711 E. FALCON DRIVE, SUITE 222
MESA, ARIZONA 85215
JASON HARRINGTON, RLA, ASLA, ASIC, APWA
(480) 250-0116
JASON@HARRINGTONPLANNINGDESIGN.COM

PROJECT DATA

ZONING: ZONING IS C-3 (HIGHWAY COMMERCIAL)
CASE #: 156-PA-2023
PLAN ID #:
APN#: 215-51-018

VICINITY MAP



REV.	COMMENT	DATE
1st Permit Submittal	06.26.23	
ISSUE		

LANDSCAPE PACKAGE		
DRAWN BY:	BH	
CHECK BY:	JEH	
PROJ. NO.:	2023-026	
CASE NO.:	TBD	

LANDSCAPE COVER	
L.0.1	ARIZONA BLUESTAKE CENTER CALL TWO WORKING DAYS BEFORE YOU DIG 1.800.782.5348



PLANTING MATERIAL LEGEND

TREES	SIZE	NOTES	QTY
Existing Tree To Remain			
	24" Box 5'-7" x 6'-7"	*ADWR	41
	24" Box 5'-7" x 3'-4"	*ADWR	16
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*ADWR = Arizona Department of Water Resources Approved Low-Water Use Plant

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Scottsdale, Arizona 85260

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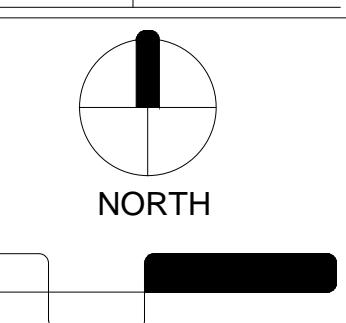
1st Permit Submittal 06.26.23

ISSUE DATE

LANDSCAPE PACKAGE

June 26, 2023

DRAWN BY: BH
CHECK BY: JEH
PROJ. NO.: 2023-026
CASE NO.: TBD



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LANDSCAPE PLAN

L1.0

2 of 6

ARIZONA BLUESTAKE
CENTER
CALL TWO WORKING DAYS
BEFORE YOU DIG
1.800.782.5348



4711 N. Falcon Drive, Suite 222
Mesa, Arizona 85212
Tel: 480-250-0116
www.HarringtonPlanningDesign.com





IRRIGATION LEGEND

SYSTEM DESIGNED USING A RESIDUAL PRESSURE OF 65 PSI

SYMBOL

■ WATER METER EX. IRRIGATION, METER - VERIFY SIZE, REF. CIVIL PLAN
◆ RPBFA EX. BACKFLOW PREVENTER ASSEMBLY, VERIFY SIZE PER PLAN, PROTECT EX. METAL ENCLOSURE.

△ CONTROLLER

EX. CONTROLLER, FIELD VERIFY LOCATION AND CAPACITY, ADJUST PROGRAM FOR NEWLY PLANTED MATERIALS. COORDINATE WITH OWNERS REPRESENTATIVE.

◀ GATE VALVE

NIBCO GATE VALVE, SIZE PER LINE BRONZE MATERIAL

─ FLUSH CAP

SPEARS FLUSH CAP 1/2" FLUSH VALVE BOWSMITH

N/S Emitter - SP

1.0 GPH (1 PER PLANT) BOWSMITH

■ Emitter - MP

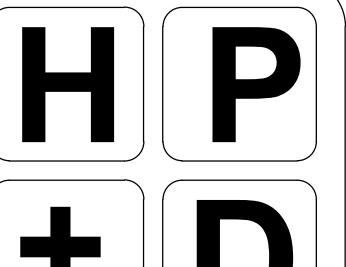
BOWSMITH 1.0 GPH 6 PORT (2 PER TREE)

● SERVICE POINT

CONNECT TO EXISTING IRRIGATION SERVICE

PIPE LEGEND

— TREE LATERAL PVC SCH. 40 - SIZE PER PLAN
SHRUB LATERAL PVC SCH. 40 - SIZE PER PLAN
PIPE SLEEVE PVC SCH. 40 - 2 x PIPE SIZE MIN



HARRINGTON
PLANNING + DESIGN

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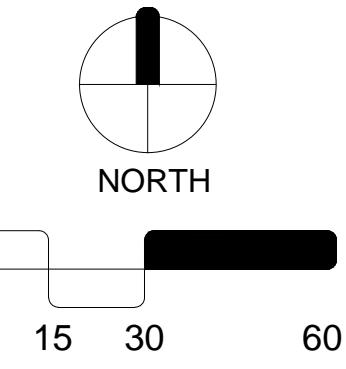
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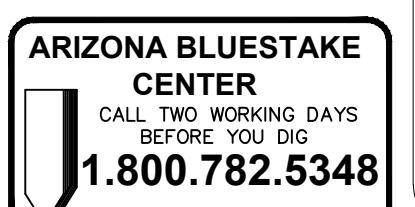
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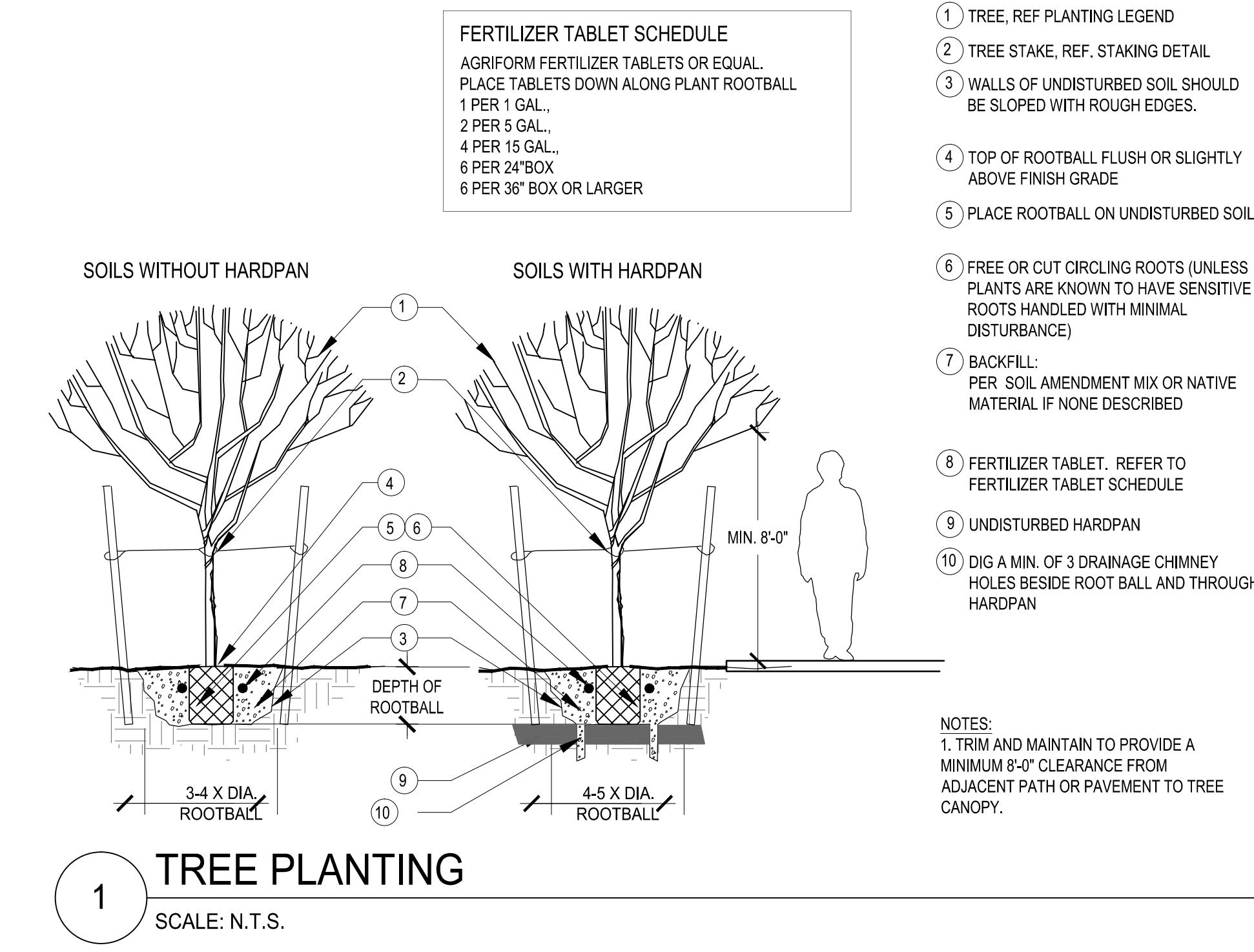


IRRIGATION PLAN

L2.0

3 of 6



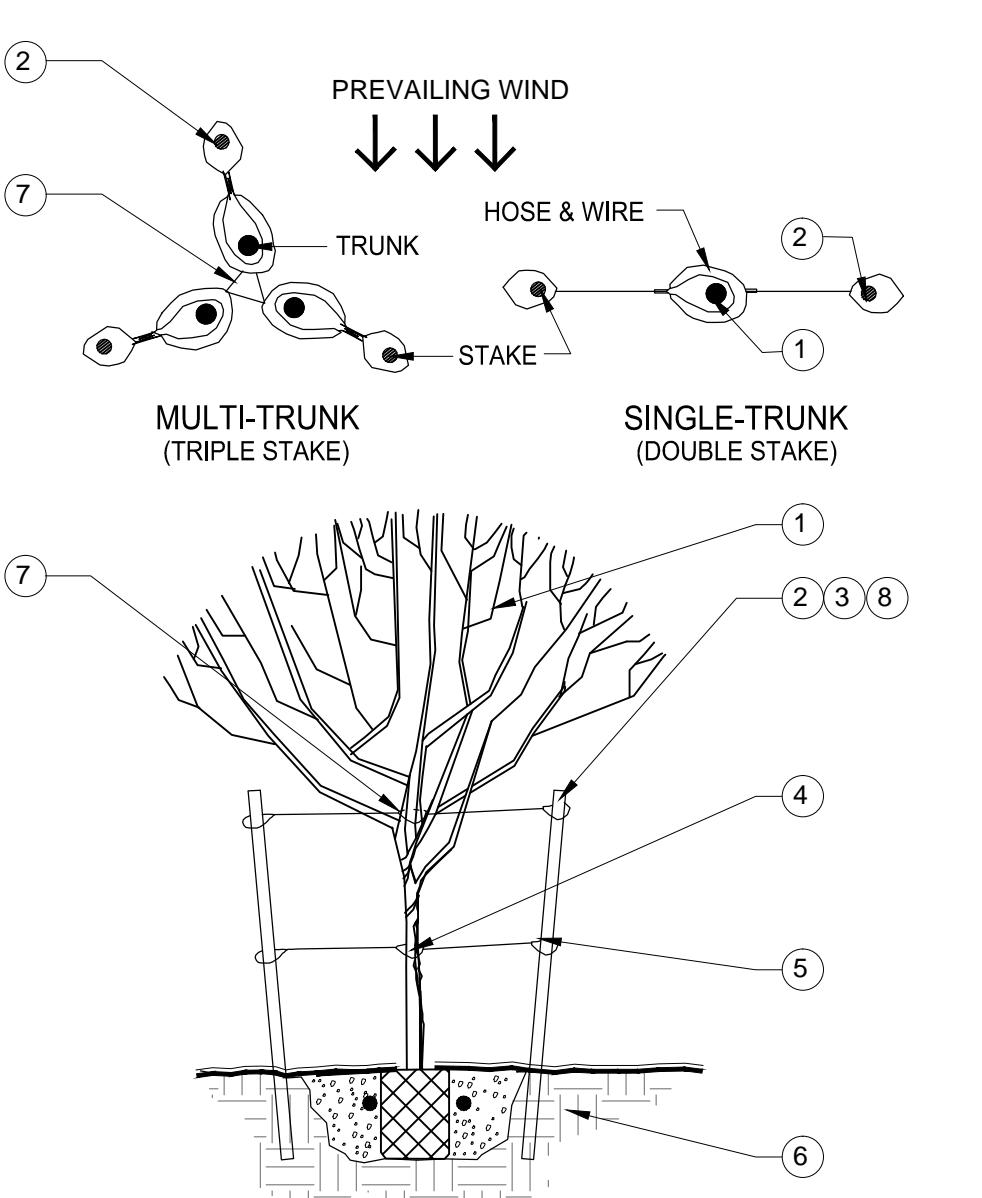


1 TREE PLANTING

SCALE: N.T.S.

FERTILIZER TABLET SCHEDULE
AGRIFORM FERTILIZER TABLETS OR EQUAL.
PLACE TABLETS DOWN ALONG PLANT ROOTBALL
1 PER 1 GAL.,
2 PER 5 GAL.,
4 PER 15 GAL.,
6 PER 24" BOX
6 PER 36" BOX OR LARGER

- ① TREE, REF PLANTING LEGEND
 - ② TREE STAKE, REF. STAKING DETAIL
 - ③ WALLS OF UNDISTURBED SOIL SHOULD BE SLOPED WITH ROUGH EDGES.
 - ④ TOP OF ROOTBALL FLUSH OR SLIGHTLY ABOVE FINISH GRADE
 - ⑤ PLACE ROOTBALL ON UNDISTURBED SOIL
 - ⑥ FREE OR CUT CIRCLING ROOTS (UNLESS PLANTS ARE KNOWN TO HAVE SENSITIVE ROOTS HANDLED WITH MINIMAL DISTURBANCE)
 - ⑦ BACKFILL: PER SOIL AMENDMENT MIX OR NATIVE MATERIAL IF NONE DESCRIBED
 - ⑧ FERTILIZER TABLET, REFER TO FERTILIZER TABLET SCHEDULE
 - ⑨ UNDISTURBED HARDPAN
 - ⑩ DIG A MIN. OF 3 DRAINAGE CHIMNEY HOLES BESIDE ROOT BALL AND THROUGH HARDPAN
- NOTES:
1. TRIM AND MAINTAIN TO PROVIDE A MINIMUM 8'-0" CLEARANCE FROM ADJACENT PATH OR PAVEMENT TO TREE CANOPY.

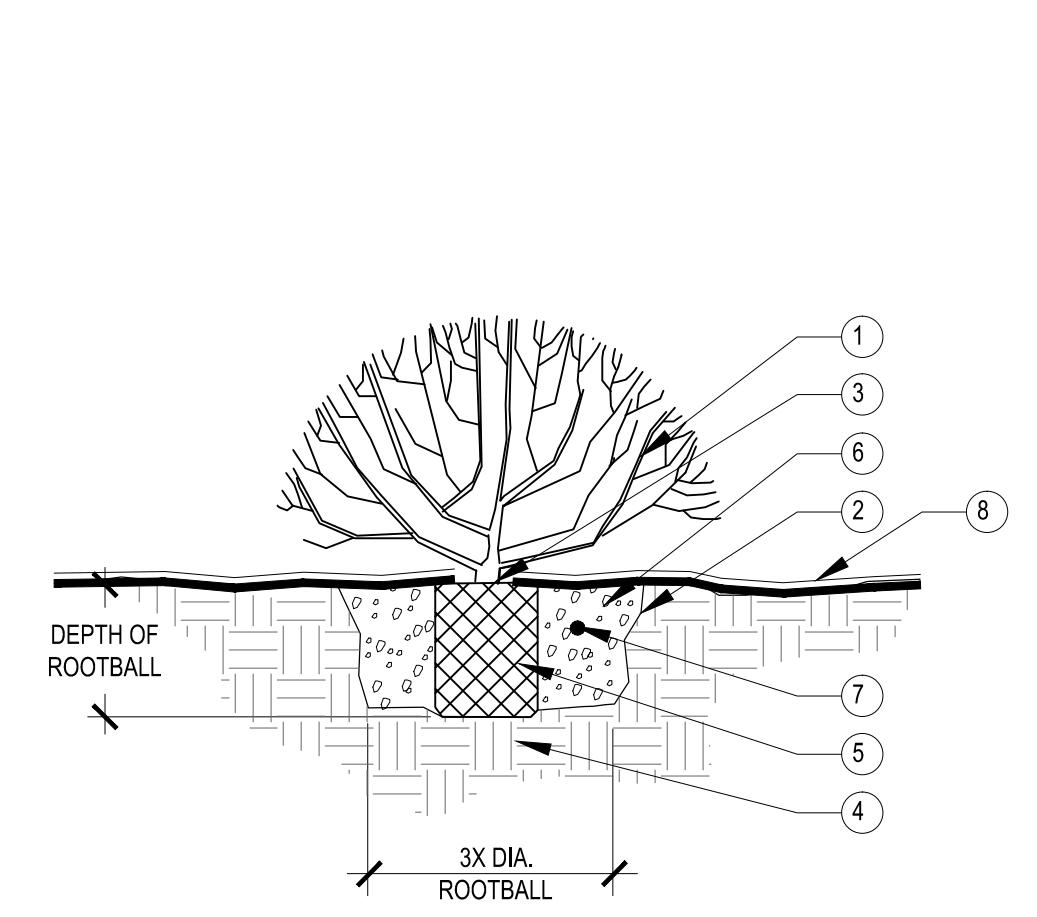


2 TREE STAKING DETAIL - 2 TIES

SCALE: N.T.S.

- ① TREE PLANTING, SEE DETAIL.
- ② 2" dia. LODGEPOLE OR 2" SQ. STAKES DRIVEN VERTICALLY OR SLIGHT ANGLE IN UNDISTURBED SOIL. 8' TALL FOR #15 GAL. SIZE, 10' TALL FOR 24" BOX OR LARGER. NOTCH EACH STAKE WITH 1/4" CUT TO SECURE WIRE AT.
- ③ PLACE OR CUT STAKES OFF BELOW THE CANOPY TO PREVENT DAMAGE TO BRANCHES.
- ④ PLACE HOSE AND WIRE 6" ABOVE STRESS POINT OF TREE. NOTCH BACKSIDE OF POLY. USE 1/2" ID. RUBBER HOSE 12'-15' LONG MIN. OR NYLON STRAP MATERIAL.
- ⑤ #12 PLASTIC GUY WIRE WRAP TWICE AROUND STAKE AND SECURE.
- ⑥ NATIVE UNDISTURBED SOIL OR COMPACT FILL TO 85% STANDARD PROCTOR DENSITY.
- ⑦ PLACE HOSE AND WIRE 12" ABOVE SCAFFOLDING BRANCH. USE 1/2" ID. RUBBER HOSE 12'-15' LONG MIN. OR NYLON STRAP MATERIAL.
- ⑧ STAKING PER COP MAG SUPPLEMENT 430.10.1. PER CHECKLIST.

NOTES:
1. LARGE SALVAGED TREES DO NOT NEED STAKING, UNLESS NOTED ON PLANS.
2. THE CONTRACTOR MAY USE THEIR OWN DISCRETION IN STAKING TREES OF 52" BOX OR LARGER AND SHOULD REVIEW SITE SPECIFIC CONDITIONS AND EACH TREE TO DETERMINE IF STAKING IS NECESSARY.



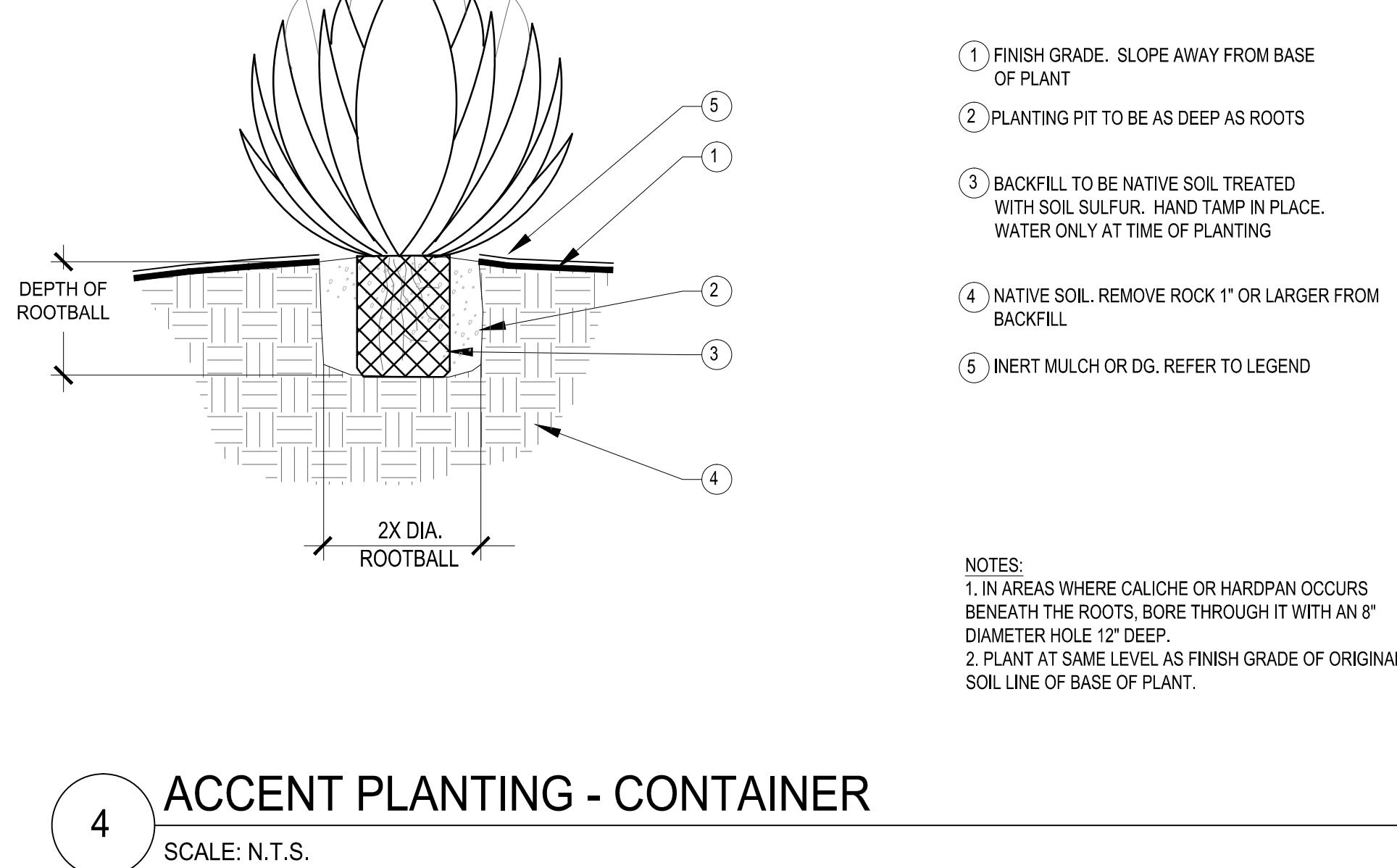
3 SHRUB PLANTING

SCALE: N.T.S.

- ① PLANT, REF. PLANT LEGEND
- ② WALLS OF UNDISTURBED SOIL SHOULD BE SLOPED WITH ROUGH EDGES
- ③ TOP OF ROOTBALL FLUSH OR SLIGHTLY ABOVE FINISH GRADE
- ④ PLACE ROOTBALL ON UNDISTURBED SOIL
- ⑤ FREE OR CUT CIRCLING ROOTS (UNLESS PLANTS ARE KNOWN TO HAVE SENSITIVE ROOTS HANDLED WITH MINIMAL DISTURBANCE)
- ⑥ BACKFILL: PER SPECIFIED SOIL AMENDMENT MIX, OR NATIVE MATERIAL IF NONE DESCRIBED. REMOVE ALL ROCK 1" OR GREATER FROM BACKFILL
- ⑦ FERTILIZER TABLET, REFER TO FERTILIZER TABLET SCHEDULE
- ⑧ INSERT MULCH OR DG. REFER TO PLANT LEGEND

NOTES:
1. PROVIDE ADEQUATE DRAINAGE. REFER TO DETAIL REGARDING SOILS WITH HARDPAN OR CALCIUM.

FERTILIZER TABLET SCHEDULE
AGRIFORM FERTILIZER TABLETS OR EQUAL.
PLACE TABLETS DOWN ALONG PLANT ROOTBALL
1 PER 1 GAL.,
2 PER 5 GAL.,
4 PER 15 GAL.,
6 PER 24" BOX
6 PER 36" BOX OR LARGER

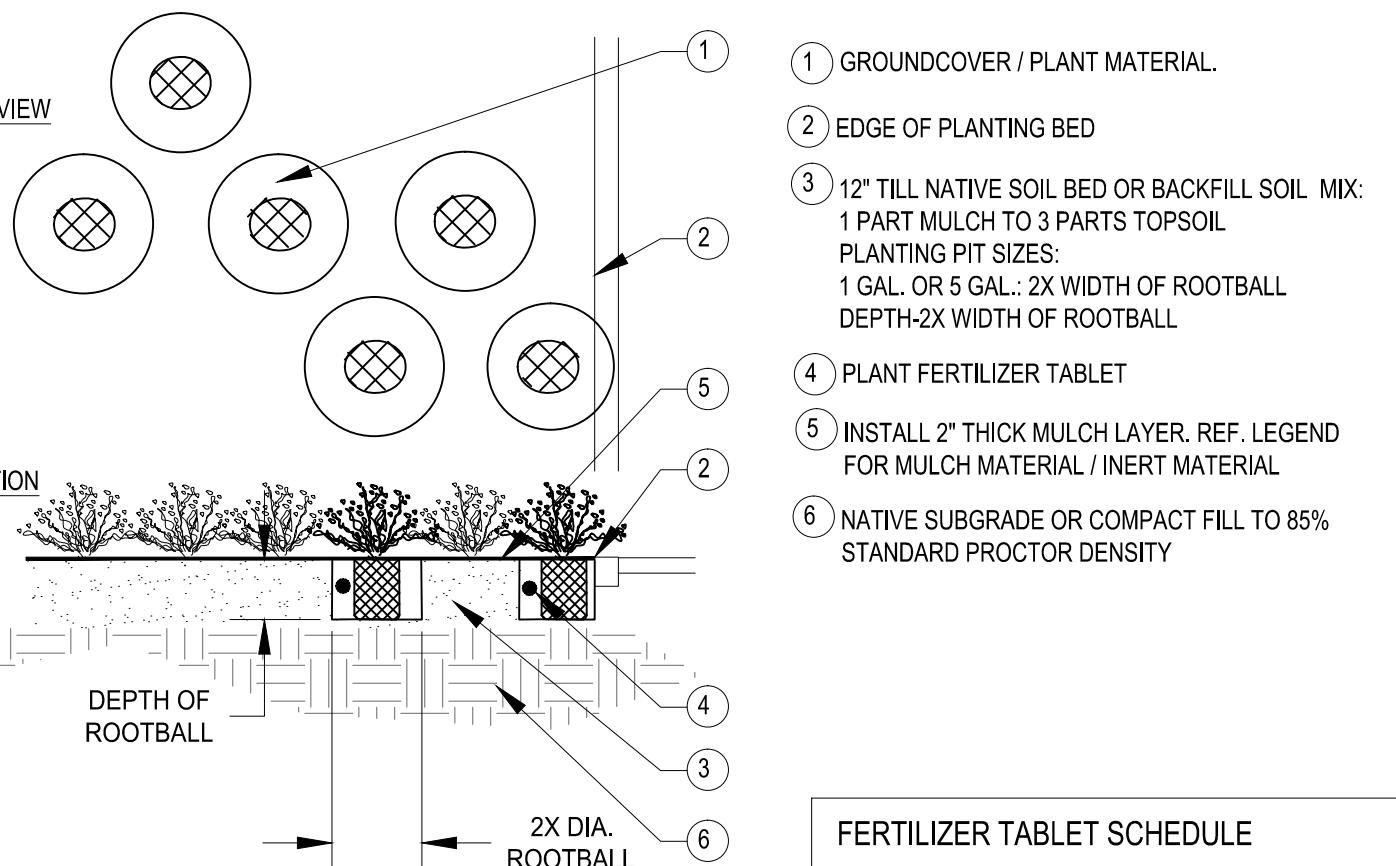


4 ACCENT PLANTING - CONTAINER

SCALE: N.T.S.

- ① FINISH GRADE. SLOPE AWAY FROM BASE OF PLANT
- ② PLANTING PIT TO BE AS DEEP AS ROOTS
- ③ BACKFILL TO BE NATIVE SOIL TREATED WITH SOIL SULFUR. HAND TAMP IN PLACE. WATER ONLY AT TIME OF PLANTING
- ④ NATIVE SOIL. REMOVE ROCK 1" OR LARGER FROM BACKFILL
- ⑤ INSERT MULCH OR DG. REFER TO LEGEND

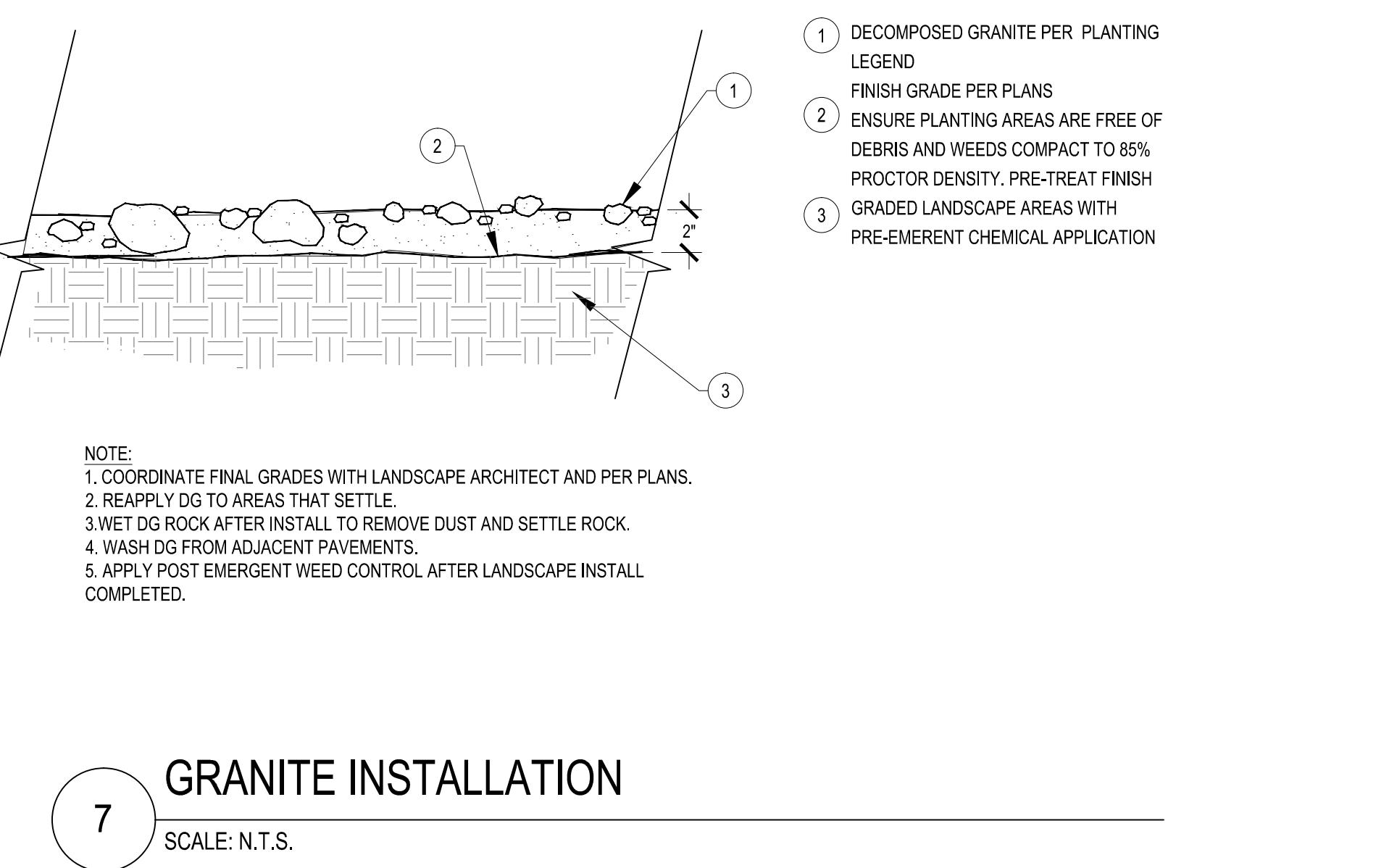
NOTES:
1. IN AREAS WHERE CALCIUM OR HARDPAN OCCURS BENEATH THE ROOTS, BORE THROUGH IT WITH AN 8" DIAMETER HOLE 12" DEEP.
2. PLANT AT SAME LEVEL AS FINISH GRADE OF ORIGINAL SOIL LINE OF BASE OF PLANT.



5 GROUNDCOVER PLANTING

SCALE: N.T.S.

FERTILIZER TABLET SCHEDULE
AGRIFORM FERTILIZER TABLETS OR EQUAL.
PLACE TABLETS DOWN ALONG PLANT ROOTBALL
1 PER 1 GAL.,
2 PER 2 GAL.,
3 PER 5 GAL.,
4 PER 24" BOX
6 PER 36" BOX OR LARGER



7 GRANITE INSTALLATION

SCALE: N.T.S.

NOTE:
1. COORDINATE FINAL GRADES WITH LANDSCAPE ARCHITECT AND PER PLANS.
2. REAPPLY DG TO AREAS THAT SETTLE.
3. WET DG ROCK AFTER INSTALL TO REMOVE DUST AND SETTLE ROCK.
4. WASH DG FROM ADJACENT PAVEMENTS.
5. APPLY POST EMERGENT WEED CONTROL AFTER LANDSCAPE INSTALL COMPLETED.

FLOOR & DECOR

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REV. COMMENT DATE

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LANDSCAPE PACKAGE

June 26, 2023

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CHECK BY: JEH

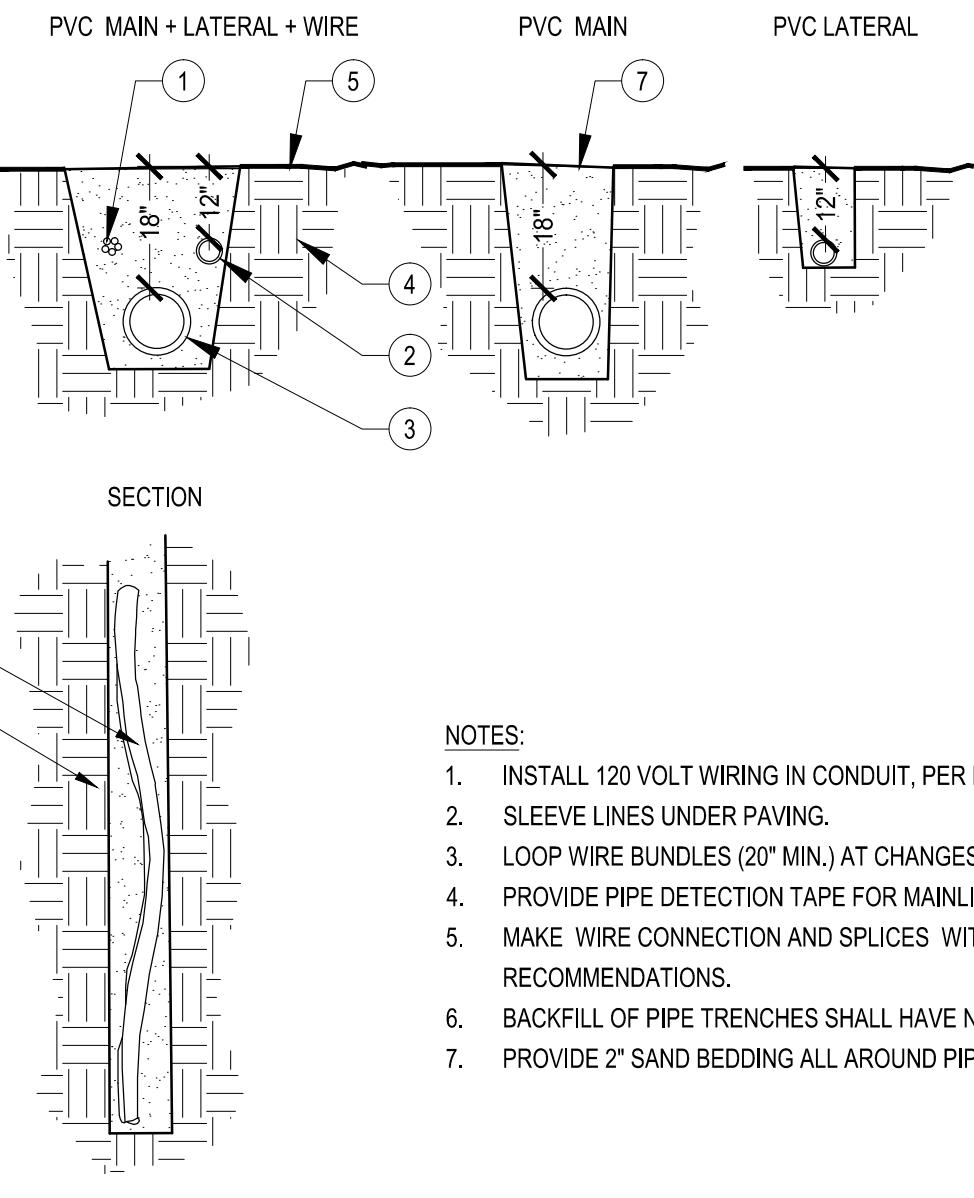
PROJ. NO.: 2023-026

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LANDSCAPE DETAILS

ARIZONA BLUESTAKE CENTER
CALL TWO WORKING DAYS BEFORE YOU DIG
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L3.0
4 of 6

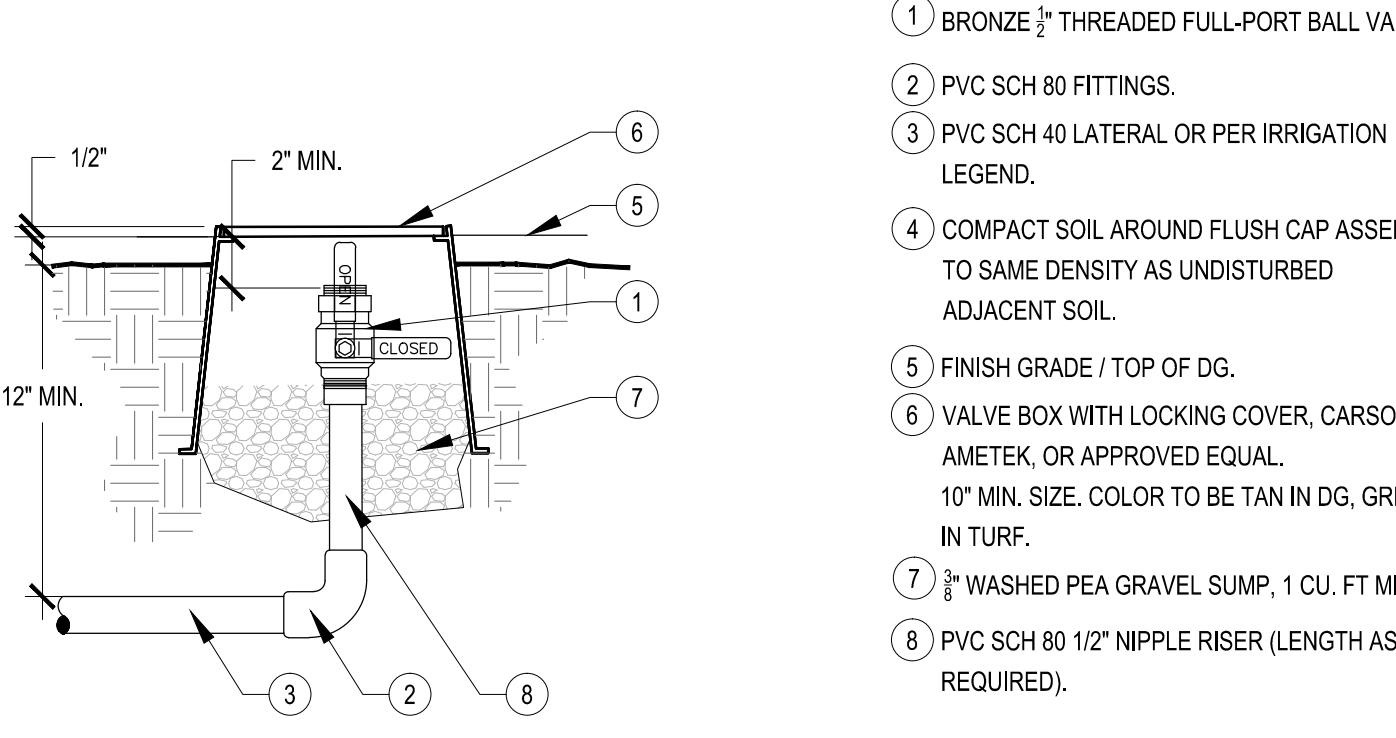


NOTES:

1. INSTALL 120 VOLT WIRING IN CONDUIT, PER LOCAL CODES.
2. SLEEVE LINES UNDER PAVING.
3. LOOP WIRE BUNDLES (20" MIN.) AT CHANGES IN TRENCH DIRECTION.
4. PROVIDE PIPE DETECTION TAPE FOR MAINLINE TRENCHES.
5. MAKE WIRE CONNECTION AND SPLICES WITH WATER PROOF CONNECTORS PER MFG. RECOMMENDATIONS.
6. BACKFILL OF PIPE TRENCHES SHALL HAVE NO ROCK 1" IN SIZE OR LARGER.
7. PROVIDE 2" SAND BEDDING ALL AROUND PIPE IF ROCKY SOILS PRESENT.

IRRIGATION TRENCH

1 SCALE: N.T.S.

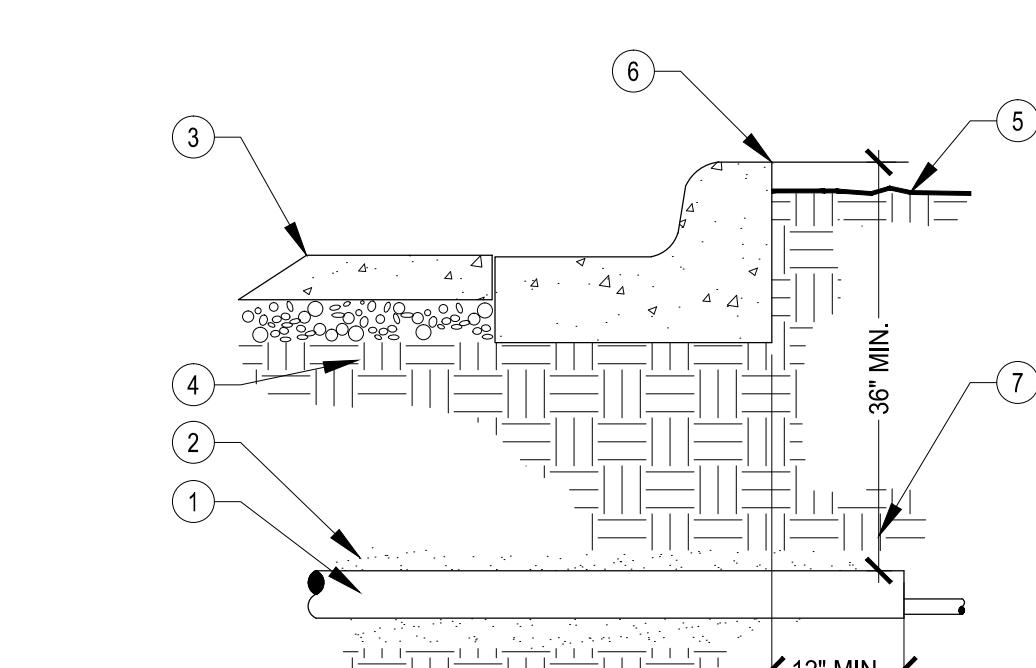


NOTES:

1. SET VALVE BOX PARALLEL W/ GRADE.
2. SEAL THREADED JOINTS WITH TEFLO.
3. DO NOT REST VALVE BOX ON MAIN LINE.
4. LOCATE ONLY ONE FLUSH CAP PER VALVE BOX.
5. PROVIDE SUPPORT BRICKS TO VALVE BOX AS NECESSARY.
6. PROVIDE STAINLESS STEEL FASTENERS FOR LOCKING COVER.

DRIP BALL VALVE FLUSH CAP

4 SCALE: N.T.S.

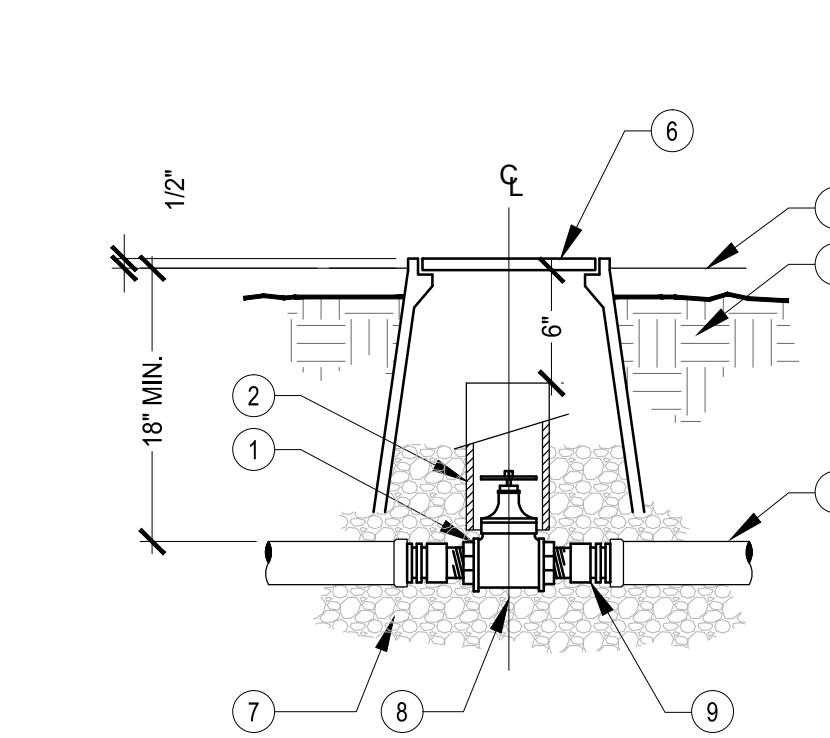


NOTES:

1. CAP SLEEVES UNTIL USE.
2. MULTIPLE SLEEVES REQUIRE 4" SEPARATION WITHIN SAME SLEEVE TRENCH.
3. PROVIDE SEPARATE WATER LINE AND WIRE SLEEVES AS REQUIRED. NO WIRES IN WATER SLEEVES.

IRRIGATION SLEEVE

2 SCALE: N.T.S.

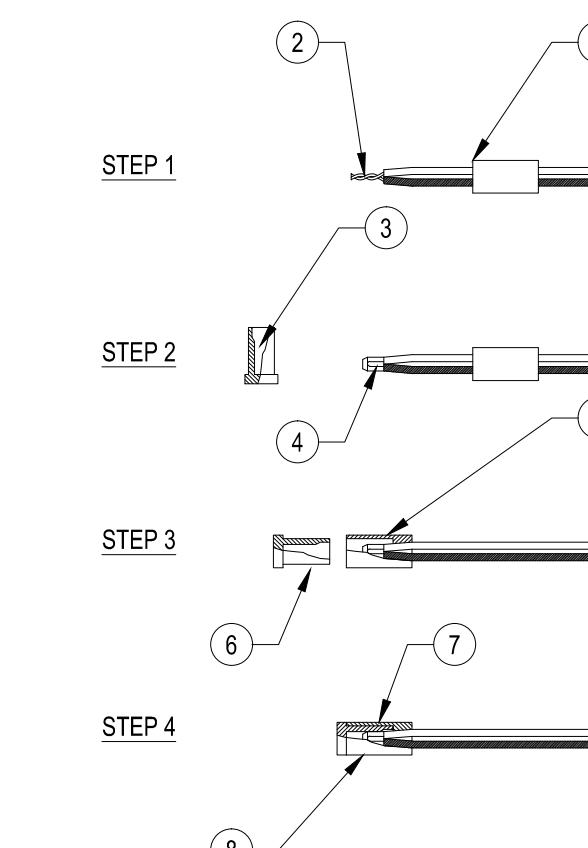


NOTES:

1. SET VALVE BOX 1/2" ABOVE FINISHED GRADE.
2. PROVIDE GATE VALVE KEY - LENGTH AS REQUIRED.
3. DO NOT REST VALVE BOX ON MAIN LINE.
4. PROVIDE SUPPORT BRICKS TO VALVE BOX AS NECESSARY.
5. PROVIDE STAINLESS STEEL FASTENERS FOR LOCKING COVER.

GATE VALVE ASSEMBLY

5 SCALE: N.T.S.

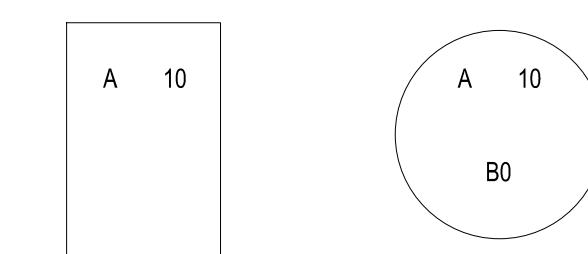


NOTES:

1. FOR WIRE SIZES NO. 14, NO. 12, AND NO. 10.

IRRIGATION WIRE CONNECTIONS

3 SCALE: N.T.S.



NOTES:

1. DRIP VALVE ASSEMBLY - DV - VALVE # ON LID & INSIDE BOX
2. CONTROL VALVE - CV - VALVE # ON LID & INSIDE BOX
3. MASTER VALVE - MV CENTER ON LID
4. QUICK COUPLER - QC CENTER ON LID
5. WIRE SPLICE - WS CENTER ON LID
6. GATE VALVE - GV CENTER ON LID
7. FLOW SENSOR - FS CENTER ON LID
8. LETTERS MUST BE STRAIGHT AND LEGIBLE. LIDS WITH INCORRECT SPELLING OR INCORRECT PRODUCT LABEL SHALL BE REPLACED AT NO CHARGE BY CONTRACTOR.

VALVE BOX BRANDING

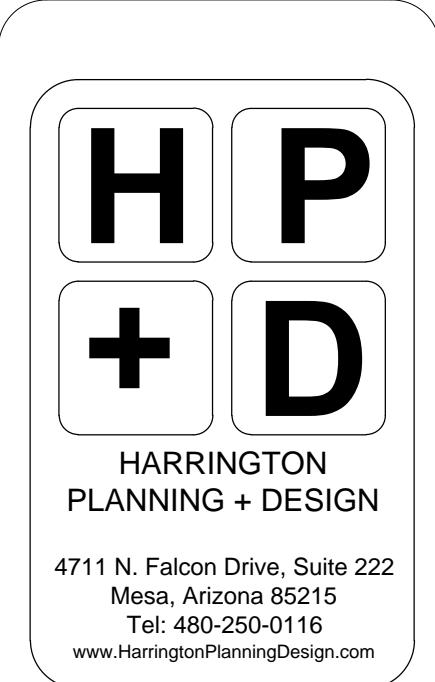
6 SCALE: N.T.S.

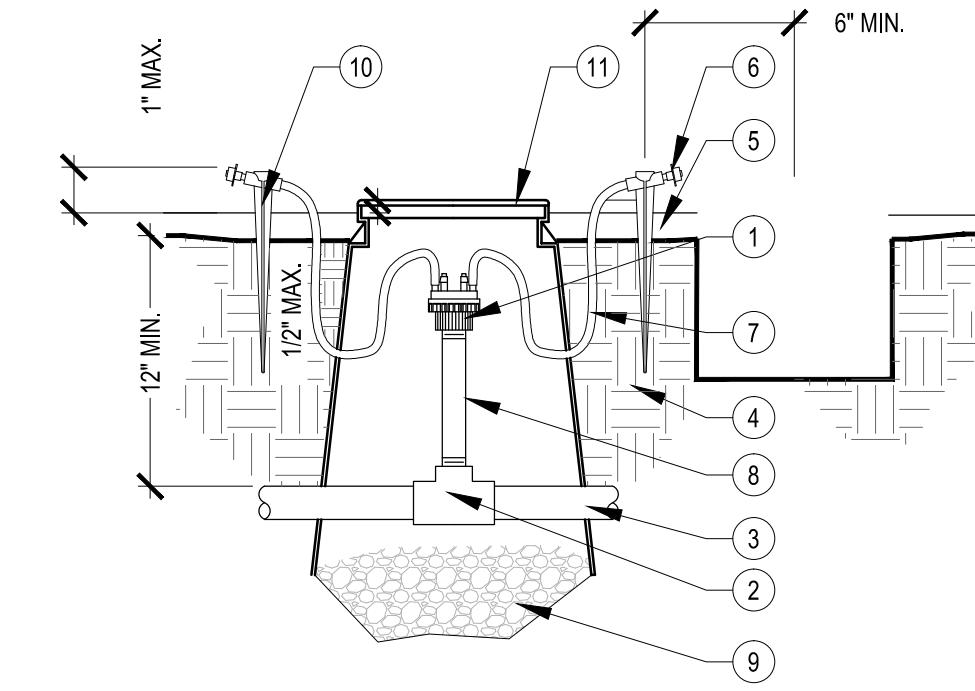
FLOOR & DECOR

15475 N. Northsight Blvd,
Scottsdale, Arizona 85260

REV. COMMENT DATE
1st Permit Submittal 06.26.23
ISSUE DATE
LANDSCAPE PACKAGE
June 26, 2023
DRAWN BY: BH
CHECK BY: JEH
PROJ. NO.: 2023-026
CASE NO.: TBD

IRRIGATION DETAILS
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5 of 6

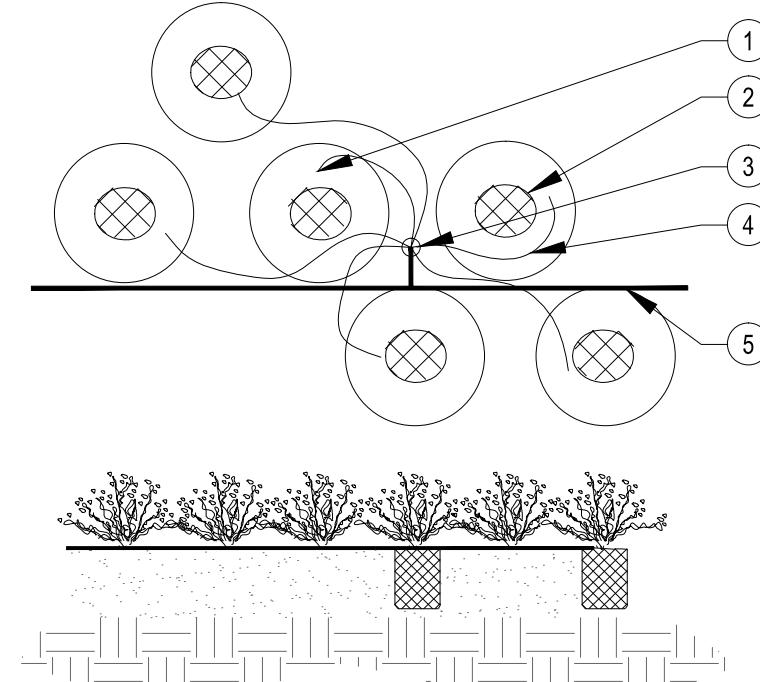




NOTES:

- MULTI PORT Emitter FOR TREES AND MASSED PLANTS ONLY.
- TEFLON SEAL ALL THREAD JOINTS.
- ON SLOPE CONDITIONS, PLACE Emitter ON UPHILL SIDE OF PLANT.
- DO NOT DISTURB ROOTBALL WITH PVC PIPE.
- SPACE Emitter TUBING EQUALLY AROUND DRIP LINE OF TREE.
- INSTALL EMITTERS ONLY AFTER SYSTEM FLUSH OF LATERALS.
- PROVIDE SUPPORT BRICKS TO VALVE BOX AS NECESSARY.
- PROVIDE STAINLESS STEEL FASTENERS FOR LOCKING COVER.

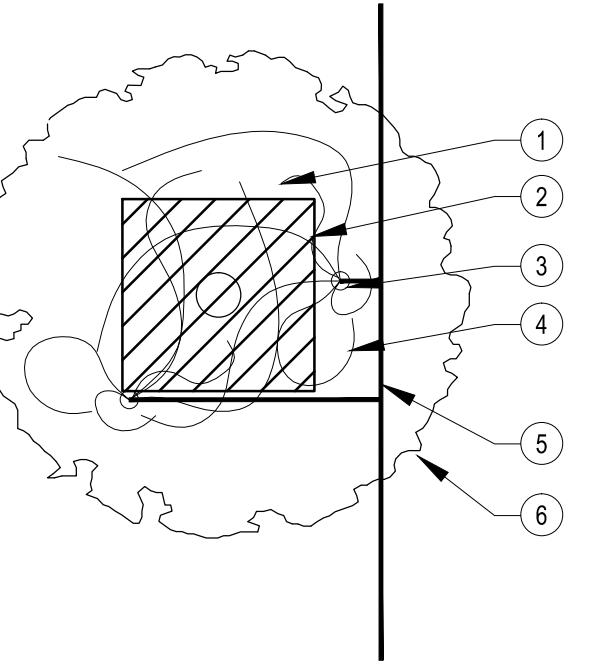
(1) THREADED PRESSURE COMPENSATING Emitter. SEE LEGEND FOR SIZE.
 (2) PVC SCH 80 FITTING, ELL OR TEE.
 (3) PVC SCH 40 LATERAL OR PER IRRIGATION LEGEND.
 (4) COMPACT SOIL AROUND Emitter TO SAME DENSITY AS UNDISTurbed ADJACENT SOIL.
 (5) FINISH GRADE / TOP OF DG.
 (6) BUG CAP.
 (7) 1/4" DISTRIBUTION TUBING. LOOP FOR A 5 FT. MAXIMUM LENGTH. NO KINKS IN TUBING.
 (8) PVC SCH 80 1/2" NIPPLE RISER, THREADED (LENGTH AS REQUIRED).
 (9) 1/4" WASHED PEA GRAVEL SUMP, 1/2 CU. FT MIN.
 (10) 1/4" DISTRIBUTION TUBE Emitter STAKE.
 (11) 6" VALVE BOX WITH LOCKING COVER, CARSON, AMETEK, OR APPROVED EQUAL. COLOR TO BE TAN IN DG, GREEN IN TURF.



(1) EMISSION POINT (TYP.).
 (2) PLANT ROOTBALL (TYP.).
 (3) MULTI-PORT Emitter, SEE Emitter DETAIL.
 (4) DISTRIBUTION TUBE, MAXIMUM LENGTH 5 FT. (TYP.) DO NOT KINK TUBING.
 (5) LATERAL PIPE, SCH 40 PVC OR PER IRRIGATION LEGEND.
 (6) TREE CANOPY.

NOTES:

- MORE THAN ONE SHRUB MAY BE WATERED FROM A SINGLE MULTI-PORT Emitter.
- MAXIMUM LENGTH OF DISTRIBUTION TUBING SHALL BE 5 FEET.
- IF MORE THAN ONE DISTRIBUTION TUBE USED PER SHRUB, EQUALLY SPACE AROUND PLANT ROOTBALL.
- PLACE EMISSION POINT AT EDGE OF ROOTBALL ON UPHILL SIDE OF PLANT.



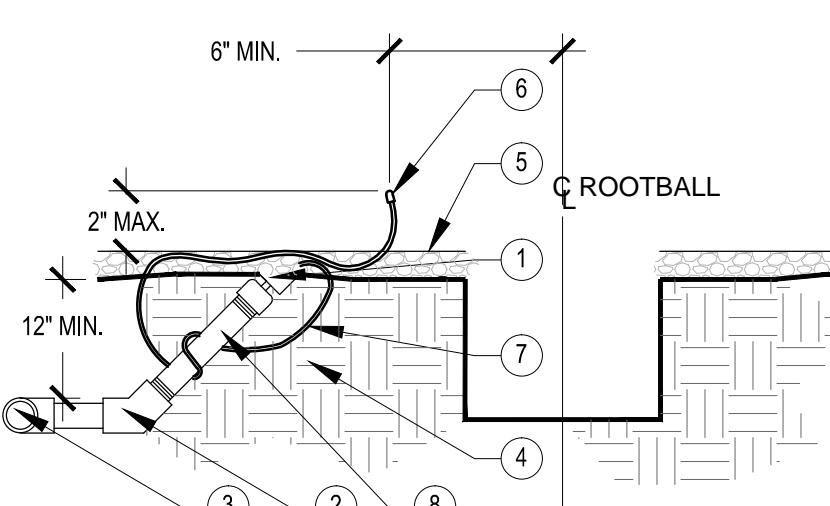
(1) EMISSION POINT (TYP.).
 (2) PLANT ROOTBALL (TYP.).
 (3) MULTI-PORT Emitter, SEE Emitter DETAIL.
 (4) DISTRIBUTION TUBE, MAXIMUM LENGTH 5 FT. (TYP.) DO NOT KINK TUBING.
 (5) LATERAL PIPE, SCH 40 PVC OR PER IRRIGATION LEGEND.
 (6) TREE CANOPY.

NOTES:

- MAXIMUM LENGTH OF DISTRIBUTION TUBING SHALL BE 5 FEET.
- PLACE EMISSION POINT AT EDGE OF ROOTBALL ON UPHILL SIDE OF PLANT.
- ADJUST Emitter LOCATIONS AS DRIPLINE OF TREE INCREASES WITH GROWTH.
- PLACE 50% OF DISTRIBUTION TUBES OUTSIDE OF TREE ROOTBALL DURING INSTALL FOR FUTURE GROWTH.

1 MULTIPOINT Emitter WITH DISTRIBUTION TUBING

SCALE: N.T.S.



NOTES:

- SINGLE PORT Emitter FOR SHRUBS, ACCENTS, AND GROUND COVERS ONLY.
- SEAL THREAD JOINTS WITH TEFLON.
- SLOPE CONDITIONS: PLACE Emitter ON UPHILL SIDE OF PLANT.
- DO NOT DISTURB ROOTBALL WITH PVC PIPE.
- INSTALL EMITTERS ONLY AFTER SYSTEM FLUSH OF LATERALS.

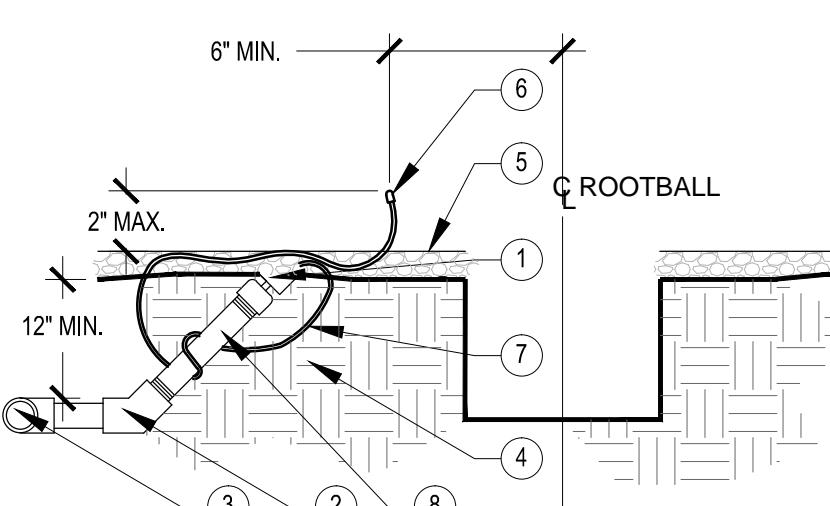
(1) PRESSURE COMPENSATING Emitter, THREADED. SEE LEGEND FOR SIZE.
 (2) PVC SCH 80 FITTING, ELL OR TEE.
 (3) PVC SCH 40 LATERAL OR PER IRRIGATION LEGEND.
 (4) COMPACT SOIL AROUND Emitter TO SAME DENSITY AS UNDISTurbed ADJACENT SOIL.
 (5) FINISH GRADE / TOP OF DG.
 (6) BUG CAP.
 (7) DISTRIBUTION TUBING, LOOP AROUND PVC FOR A 5 FT MAXIMUM LENGTH. DO NOT KINK TUBING.
 (8) PVC SCH 80 1/2" NIPPLE RISER, THREADED (LENGTH AS REQUIRED).

2 Emitter Locations - Shrubs

SCALE: N.T.S.

4 SINGLE PORT Emitter W/ DISTRIBUTION TUBING

SCALE: N.T.S.



NOTES:

- SINGLE PORT Emitter FOR SHRUBS, ACCENTS, AND GROUND COVERS ONLY.
- SEAL THREAD JOINTS WITH TEFLON.
- SLOPE CONDITIONS: PLACE Emitter ON UPHILL SIDE OF PLANT.
- DO NOT DISTURB ROOTBALL WITH PVC PIPE.
- INSTALL EMITTERS ONLY AFTER SYSTEM FLUSH OF LATERALS.

(1) PRESSURE COMPENSATING Emitter, THREADED. SEE LEGEND FOR SIZE.
 (2) PVC SCH 80 FITTING, ELL OR TEE.
 (3) PVC SCH 40 LATERAL OR PER IRRIGATION LEGEND.
 (4) COMPACT SOIL AROUND Emitter TO SAME DENSITY AS UNDISTurbed ADJACENT SOIL.
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 (8) PVC SCH 80 1/2" NIPPLE RISER, THREADED (LENGTH AS REQUIRED).

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IRRIGATION DETAILS

L4.1

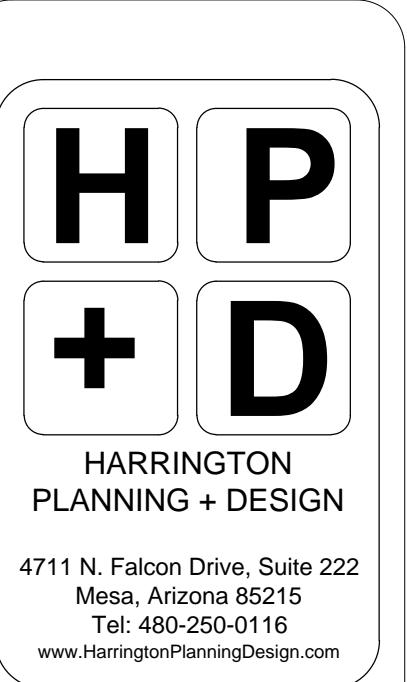
6 of 6



1.800.782.5348

CALL TWO WORKING DAYS BEFORE YOU DIG

6 of 6



REG. LANDSCAPE ARCHITECT
44161
JASON E.
HARRINGTON
06.26.23