

LANDSCAPE ARCHITECT

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DEVELOPER/OWNER

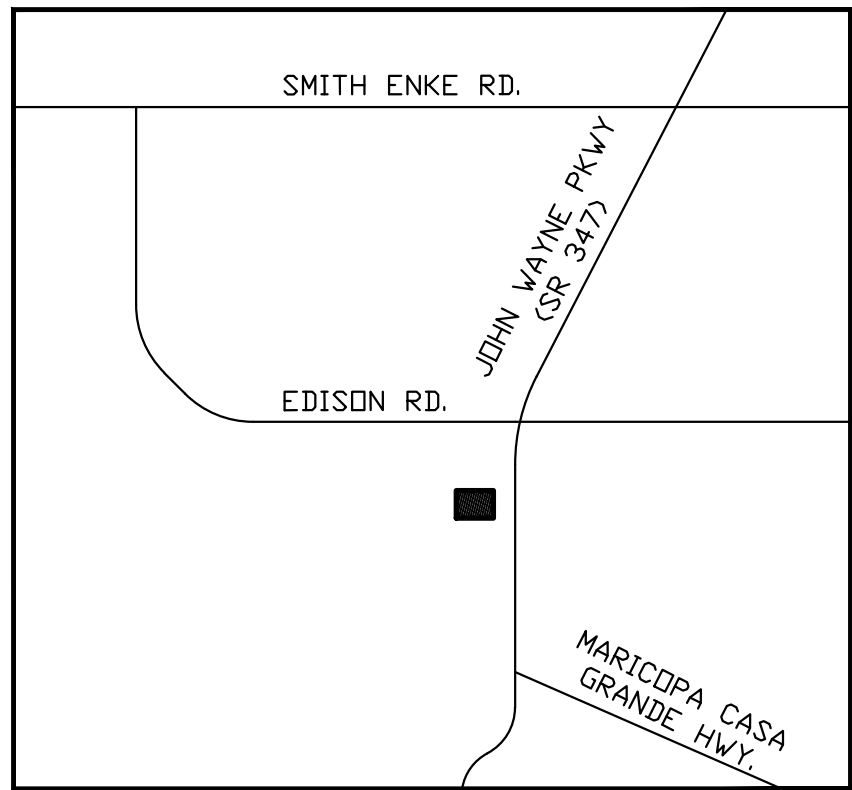
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ARCHITECT

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PH: (602) 307-5399
CONTACT: DEV PAWAR

LANDSCAPE PLANS
FOR
MARICOPA DISCOUNT TIRE
MARICOPA, ARIZONA

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 4 SOUTH, RANGE 3 EAST
OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.



VICINITY MAP
CITY OF MARICOPA
N.T.S.

GENERAL LANDSCAPE NOTES

- ALL WORK SHALL BE CONFINED TO LIMITS OF CONSTRUCTION AS SHOWN ON PLANS.
- SITE GRADING NECESSITATED BY THE WORK AS IT PROGRESSES AND NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE CONSIDERED INCIDENTAL WORK.
- CONTRACTOR SHALL COORDINATE AND BE IN COMPLIANCE WITH ALL STATE AND LOCAL MUNICIPALITIES AS WARRANTED.
- CONTRACTOR IS TO REVIEW PLANS, VERIFY SITE CONDITIONS AND PLANT QUANTITIES PRIOR TO INSTALLATION. ANY DISCREPANCIES FOUND BETWEEN THE DRAWINGS AND SPECIFICATIONS AND EXISTING SITE CONDITIONS OR ANY INCONSISTENCIES OR AMBIGUITIES IN DRAWINGS OR SPECIFICATIONS SHALL BE IMMEDIATELY REPORTED TO THE LANDSCAPE ARCHITECT, IN WRITING, WHO SHALL PROMPTLY ADDRESS SUCH INCONSISTENCIES OR AMBIGUITIES. WORK DONE BY THE CONTRACTOR AFTER HIS DISCOVERY OF SUCH DISCREPANCIES, INCONSISTENCIES, OR AMBIGUITIES SHALL BE DONE AT THE CONTRACTOR'S RISK.
- DEVIATION FROM THESE PLANS AND NOTES WITHOUT THE PRIOR CONSENT OF THE OWNER, OR THE LANDSCAPE ARCHITECT MAY BE CAUSE FOR THE WORK TO BE DESIGNATED UNACCEPTABLE.
- THE CONTRACTOR ACKNOWLEDGES & AGREES THAT THE WORK IS ENTIRELY AT HIS RISK UNTIL SITE IS ACCEPTED, AND HE WILL BE HELD RESPONSIBLE FOR ITS SAFETY BY THE OWNER.
- THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE DAMAGE OR LOSS OF ANY REFERENCE POINTS AND HUBS DURING THE CONSTRUCTION OF HIS WORK, AND SHALL BEAR THE COST OF REPLACING SAME.
- THE CONTRACTOR IS RESPONSIBLE FOR HORIZONTALLY AND VERTICALLY LOCATING AND PROTECTING ALL PUBLIC AND PRIVATE UTILITIES WHICH LIE IN OR ADJACENT TO THE CONSTRUCTION SITE AT LEAST 48 HOURS PRIOR TO ANY DEMOLITION, GRADING, OR CONSTRUCTION ACTIVITY.
- THE CONTRACTOR SHALL SALVAGE AND PROTECT ALL EXISTING POWER POLES, SIGNS, MANHOLES, TELEPHONE RISERS, WATER VALVES, ETC., DURING ALL CONSTRUCTION PHASES UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL REPAIR, AT HIS OWN EXPENSE, ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION.
- ANY FOREIGN ITEM FOUND DURING CONSTRUCTION IS THE PROPERTY OF THE OWNER. THIS INCLUDES, BUT IS NOT LIMITED TO, PRECIOUS METALS, COINS, PAPER CURRENCY, ARTIFACTS AND ANTIQUITIES.
- ALL SURPLUS EXCAVATION SHALL BE TAKEN TO A SITE DESIGNATED BY OWNER, AT NO ADDITIONAL COST TO THE OWNER. IF OWNER CHOOSES, THE CONTRACTOR MAY TAKE POSSESSION OF SURPLUS EXCAVATION MATERIAL.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND/OR OBTAINING ALL REQUIRED PERMITS AND APPROVALS PRIOR TO COMMENCING CONSTRUCTION.
- CONTRACTOR IS TO MAINTAIN CONTROLLED PEDESTRIAN AND ADA ACCESS THROUGH ALL AREAS OF THE SITE THROUGHOUT CONSTRUCTION PERIOD.
- MAINTAIN THE SITE IN A NEAT AND ORDERLY CONDITION AT ALL TIMES. DAILY, AND MORE OFTEN IF NECESSARY, INSPECT & AND PICK UP ALL SCRAP, DEBRIS, & WASTE MATERIAL.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL MUD, DIRT, ROCK MULCH AND OTHER MATERIALS TRACKED ONTO ANY PRIVATE OR PUBLIC STREETS OR SIDEWALKS. THE CONTRACTOR MUST CLEAN THESE DAILY, IF NECESSARY. THE CONTRACTOR MUST USE WATER OR OTHER ACCEPTABLE METHODS TO KEEP AIRBORNE DUST TO A REQUIRED MINIMUM.
- PROVIDE PROTECTION TO ALL FINISHED WORK. MAINTAIN SURFACES CLEAN, UNMARRED, AND SUITABLY PROTECTED UNTIL ACCEPTANCE BY OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE RESULTING FROM CONSTRUCTION ACTIVITY TO EXISTING ELEMENTS THAT ARE TO REMAIN.
- EROSION CONTROL MEASURES (IE: SILT FENCING AND SEDIMENT CONTROL) SHALL BE MAINTAINED BY THE CONTRACTOR PER CIVIL SPECIFICATIONS. ANY EROSION CONTROL MEASURES DAMAGED BY THE CONTRACTOR SHALL BE REPLACED PER CIVIL SPECIFICATIONS.
- PLANT QUANTITIES LISTED IN THE PLANT LEGEND ARE FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL DO THEIR OWN TAKE-OFFS AND BASE BID ACCORDINGLY.
- ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL BRANCHED, AND DENSELY FOLIATED (WHEN IN-LEAF) AS IS TYPICAL FOR THE SPECIES. THEY SHALL HAVE HEALTHY, WELL DEVELOPED STANDARDS, AND FREE OF ANY BRUISES, CUTS OR OTHER ABNORMALITIES. PLANT MATERIAL SHALL BE SIZED IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMAN.

GENERAL LANDSCAPE NOTES

- OWNERS REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL DEEMED UNACCEPTABLE.
- LANDSCAPE CONTRACTOR TO TAG AND HOLD ALL PLANT MATERIAL A MINIMUM OF 30 DAYS PRIOR TO DATE OF INSTALLATION. ALL PLANT MATERIAL SUBSTITUTIONS MADE WITHIN THE 30 DAYS PRIOR TO INSTALLATION TO BE THE NEXT SIZE LARGER AT NO ADDITIONAL COST TO THE CLIENT.
- ALL TREE LOCATIONS TO BE STAKED AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- INSTALL ALL CANOPY TREES WITH A MINIMUM OF 5 FT. SEPARATION FROM ALL UTILITIES, UNLESS A ROOT BARRIER IS UTILIZED.
- THE LANDSCAPE CONTRACTOR SHALL MAINTAIN PLANTED AREAS BY MEANS OF CONTINUOUS WATERING, PRUNING, RAISING TREE ROOT BALLS WHICH SETTLE BELOW GRADE. APPLICATION OF SPRAYS WHICH ARE NECESSARY TO KEEP THE PLANTING FREE OF INSECTS AND DISEASES, FERTILIZING, WEEDING, MOVING, EDGING AND/OR OTHER OPERATIONS NECESSARY FOR PROPER CARE AND UPKEEP.
- ROCK MULCH: ALL AREAS LABELED ROCK MULCH ON THE PLANS ARE TO BE APPROVED BY OWNER. 2" MINIMUM DEPTH THROUGHOUT ENTIRE PROJECT. FINISH GRADE IN ALL AREAS TO BE SMOOTH AND EVEN AND 1" BELOW TOP OF CURB OR SIDEWALK.
- AREAS TO RECEIVE ROCK MULCH SHALL BE SPRAYED AT LEAST ONCE WITH A CONTACT HERBICIDE PRIOR TO PLANTING OPERATIONS IMMEDIATELY PRIOR TO PLACEMENT OF ROCK MULCH. CONTRACTOR TO APPLY PRE-EMERGENT PER MANUFACTURER RECOMMENDATIONS.
- ROCK MULCH SHALL EXTEND UNDER TREES AND SHRUBS.
- CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE ENTIRE PROJECT FOR 90 DAYS AFTER ACCEPTANCE OF THE WORK OWNERS REPRESENTATIVE. UPON COMPLETION OF THE MAINTENANCE PERIOD THE OWNER WILL ASSUME ALL MAINTENANCE RESPONSIBILITY.
- PRIOR TO INITIATING THE 90-DAY MAINTENANCE PERIOD, COMPLETE ANY INITIAL PUNCH-LIST ITEMS. THEN OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE OF SUBSTANTIAL COMPLETION. DETERMINE WITH THE OWNER'S REPRESENTATIVE THE START DATE FOR THE 90-DAY MAINTENANCE PERIOD. CONTRACTOR TO MAINTAIN LANDSCAPE WHICH MAY INCLUDE WATERING, WEEDING, PRUNING, AND REPLACEMENT OF ANY MATERIAL THAT HAS DIED OR IS SHOWING EVIDENCE OF STRESS. SUBMIT WRITTEN REQUEST FOR FINAL PUNCH-LIST ONE WEEK PRIOR TO END OF MAINTENANCE PERIOD.
- ALL GENERAL CONDITIONS, SUPPLEMENTARY GENERAL CONDITIONS AND TECHNICAL SPECIFICATIONS OF THE CONTRACT SHALL APPLY.

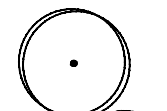




GENERAL IRRIGATION NOTES

- 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.
- SYSTEM DESIGN REQUIRES A STATIC PRESSURE OF 60 TO 75 PSI. CONTRACTOR SHALL FIELD VERIFY PRESSURE PRIOR TO ORDERING MATERIAL OR STARTING IRRIGATION INSTALLATION AND NOTIFY CONSULTANT AND OWNER'S REPRESENTATIVE OF ANY DIFFERENCE FROM PRESSURE INDICATED. IF CONTRACTOR FAILS TO NOTIFY CONSULTANT AND OWNER'S REPRESENTATIVE, HE ASSUMES FULL RESPONSIBILITY FOR ANY SYSTEM ALTERATIONS.
- ALL PIPING AND WIRING PLACED UNDER PAVED AREAS SHALL BE PER PLAN DETAILS. SLEEVE INSTALLATIONS SHALL BE COMPLETED PRIOR TO THE START OF ANY PAVING OPERATIONS (SEE ENGINEERING PAVING PLANS). WHERE NECESSARY, VERIFY EXISTING SLEEVE LOCATIONS AND DETERMINE CONDITION AND COMPATIBILITY WITH DESIGN PRIOR TO THE START OF ANY OTHER WORK. SLEEVEING BENEATH EXISTING PAVEMENTS SHALL BE INSTALLED BY BORING UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE.
- THE IRRIGATION SYSTEM LAYOUT SHOWN ON THE DRAWINGS IS GENERALLY SCHEMATIC. ALL VALVES, COMPONENTS, PIPING, FITTINGS AND EQUIPMENT SHALL BE LOCATED WITHIN R.O.W. LANDSCAPE AREAS UNLESS SLEEVED OR OTHERWISE SHOWN OR APPROVED BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING NEW IRRIGATION SYSTEM COMPONENTS AND POINT OF CONNECTION WHICH WILL PROVIDE FULL AUTOMATIC OPERATION AND 100% COMPLETE COVERAGE TO ALL PLANTS AS INDICATED ON THE PLANS WITHOUT RUN-OFF OR OVERTHROW ONTO ANY PAVED SURFACES.
- REFER TO DETAILS FOR INSTALLATION PROCEDURES.
- 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.
- ANY SUBSTITUTIONS OR OMISSIONS OF IRRIGATION COMPONENTS AND EQUIPMENT MUST BE APPROVED IN WRITING BY OWNER'S REPRESENTATIVE PRIOR TO STARTING INSTALLATION.

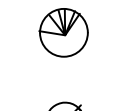
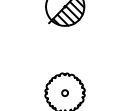





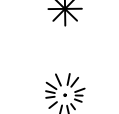

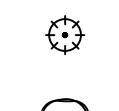
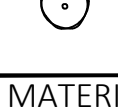
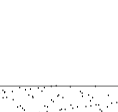
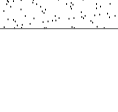

CITY OF MARICOPA LANDSCAPE NOTES

- PROPERTY OWNER SHALL PROPERLY MAINTAIN ALL LANDSCAPE MATERIAL AND LANDSCAPED AREAS, INCLUDING THAT WITHIN THE PUBLIC RIGHT OF WAY ADJACENT TO THE DEVELOPMENT, IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLANS.
- REPLACEMENT OF DEAD TREES ALONG THE ARTERIAL ROADS SHALL BE BY THE INDIVIDUAL PROPERTY OWNER OR PROPERTY MANAGEMENT ASSOCIATION AND SHALL BE COMPLETED WITHIN THREE (3) MONTHS FROM THE DATE THAT THE ASSOCIATION OR PROPERTY OWNER IS NOTIFIED BY THE CITY.

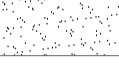

PLANTING LEGEND

TREES	BOTANICAL NAME / COMMON NAME	SIZE	QTY
	Caesalpinia cacalaco Cascalote	1½" Cal. Min., 6' Ht. Min., 24" Box min.	3
	Chilopsis linearis Desert Willow	1½" Cal. Min., 6' Ht. Min., 24" Box min.	8
	Prosopis hybrid 'AZT' Hybrid Mesquite	1½" Cal. Min., 7' Ht. Min., 24" Box min.	2
	Quercus buckleyi Texas Red Oak	1½" Cal. Min., 8' Ht. Min., 24" Box min.	5
	Quercus virginiana Live Oak	1½" Cal. Min., 8' Ht. Min., 24" Box min.	13







SHRUBS AND ACCENTS

	BOTANICAL NAME / COMMON NAME	SIZE	QTY
	Caesalpinia pulcherrima Red Bird of Paradise	5 Gal.	2
	Calliandra californica Baja Fairy Duster	5 Gal.	5
	Castillemon 'Little John' Dwarf Bottlebrush	5 Gal.	11
	Dalea capitata Lemon Dalea	1 Gal.	89
	Encelia farinosa Brittlebush	5 Gal.	16
	Eremophylla maculata 'Valentine' Valentine Bush	5 Gal.	24
	Euphorbia macrocarpus Lady Slipper	5 Gal.	17
	Fouquieria splendens Ocotillo	5 Gal.	4
	Hesperaloe funifera Giant Yucca	5 Gal.	5
	Hesperaloe parviflora Red Yucca	5 Gal.	39
	Muhlenbergia lindheimeri 'Leni' Autumn Glow Muhly	5 Gal.	7
	Penstemon eatonii Firecracker Penstemon	1 Gal.	23
	Salvia greggii Autumn Sage	5 Gal.	11
	Tecoma stans Yellow Bells	5 Gal.	5

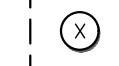
MATERIALS

DESCRIPTION	QTY
 Decomposed Granite ¾" Screened, Apache Brown, 2" Depth Min.	8,145 SF
 Decorative Boulder Pit Run, Apache Brown, Shall Be Approved By Owner 2' x 2' x 2' 3' x 3' x 3'	27 3




IRRIGATION LEGEND

SYMBOL	MANUFACTURER / DESCRIPTION	QTY
	Proposed 1" Irrigation Meter and Backflow Preventer, See Utility Plans for Additional Information	1
	Rain Bird ESP12-LXMEF Controller, 12-Station, Outdoor Mount Controller with Flow Smart Module; Coordinate Final Location with Owner; Provide Electrical per Manufacturer's Specifications	1
	Rain Bird 100 EFB-CP 1" Master Valve, Normally Closed, with Rain Bird PRS-D Pressure Regulating Module	1
	Rain Bird FS100B 1" Brass Flow Sensor	1
	Rain Bird XCZ-100-PRB-COM Drip Control Valve Kit with 1" Ball Valve, Pressure Regulator Module and Basket Filter	2
	Flush End Cap	12
<i>not shown</i>	Rain Bird XBT-20-6 (1 per tree, 6 ports open) Rain Bird XBT-10-6 (1 per shrub, 5 ports open max)	AS REQ'D AS REQ'D

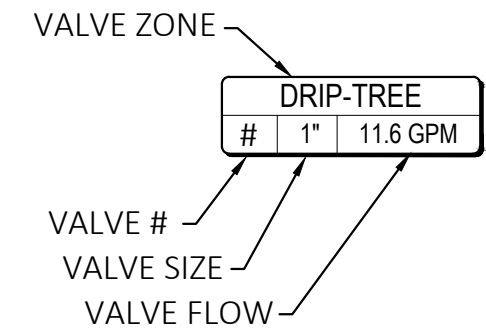
SLEEVE SCHEDULE

SYMBOL	DESCRIPTION	
	Schedule 40 PVC 2" Lateral Sleeve, Spears or Equal "X" Indicates Quantity	645 LF

PIPE SCHEDULE

SYMBOL	SIZE / DESCRIPTION		
	1" SCH 40 PVC Mainline		20 LF
	¾" SCH 40 PVC Tree Lateral		790 LF
	¾" SCH 40 PVC Shrub Lateral		985 LF
	Flow (GPM)	Pipe Size	Pipe Class
	0-5.0	¾"	SCH 40 PVC
	5.1-10	¾"	SCH 40 PVC
	10.1-15	1"	SCH 40 PVC

VALVE ZONE ID



NOTES:

- IRRIGATION EQUIPMENT IS SHOWN
DIAGRAMMATICALLY. ALL EQUIPMENT AND PIPING
SHALL BE PLACED WITHIN LANDSCAPE AREAS.
AVOID CONFLICTS WITH UTILITIES AND PLANT
MATERIALS. TYP.
- MULTIPLE VALVE OF THE SAME TYPE MAY BE RUN
SIMULTANEOUSLY. HOWEVER, SYSTEM SHALL NOT
EXCEED 12.0 GPM AT ANY GIVEN TIME.

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NO.	REVISION	DATE

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ENGINEER'S SEAL:



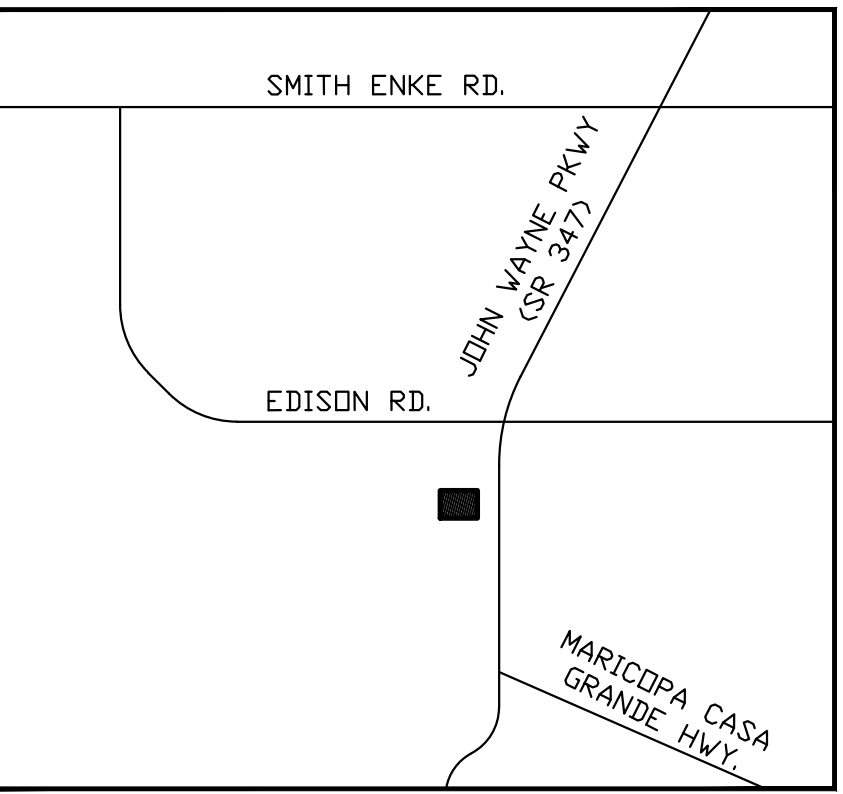
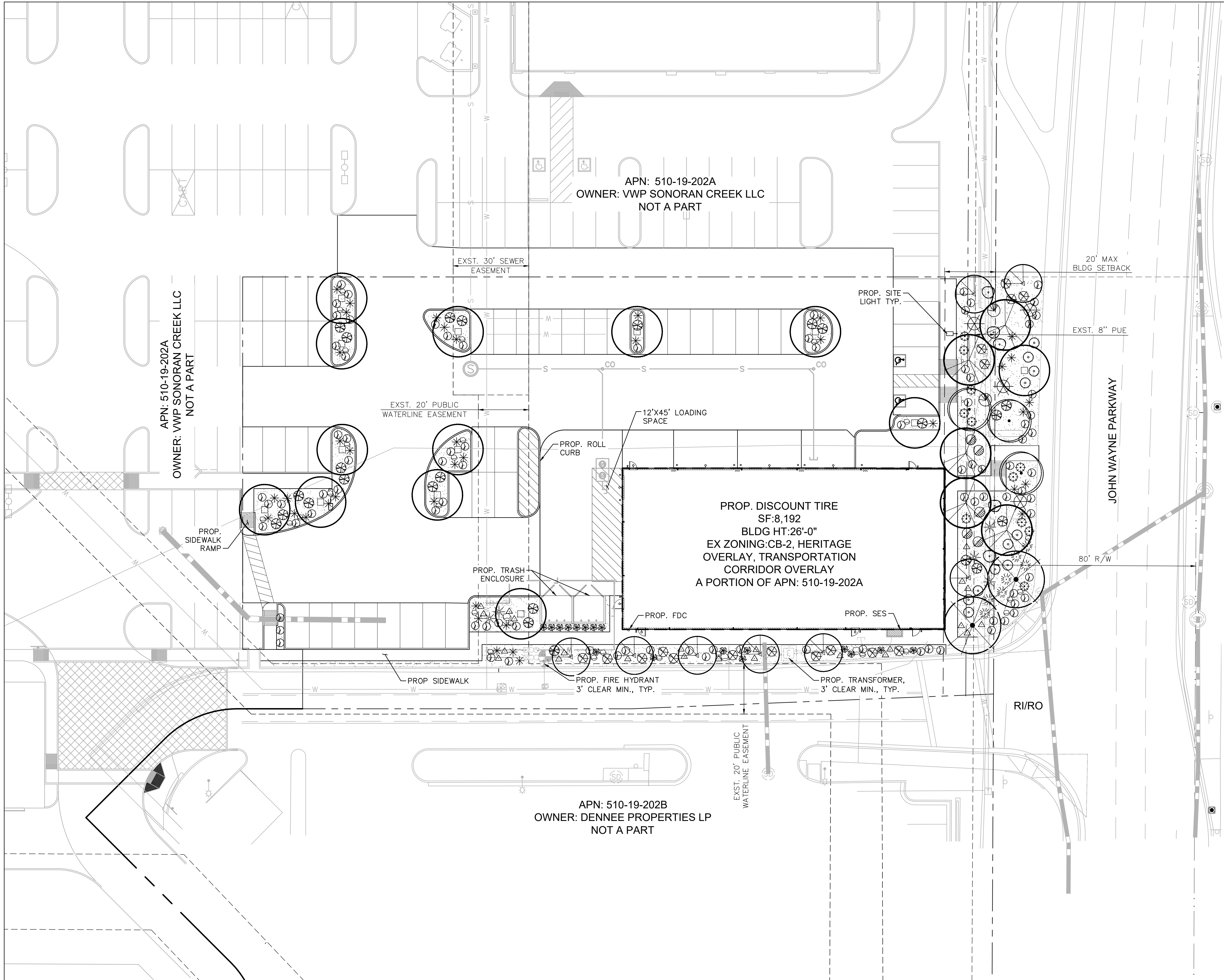
DISCOUNT
TIRE CO.

20240 N JOHN WAYNE PKWY
CITY OF MARICOPA, ARIZONA

JOB NUMBER:
91789059
PROJECT MANAGER:
STERLING MARGETTS, P.E.
DRAWN BY:
JAJ
REVIEWED BY: DATE:
AAV 08/03/20

SHEET TITLE:
LANDSCAPE COVER
SHEET DESIGNATION:
L1
SHEET NUMBER:
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CALL TWO WORKING DAYS
BEFORE YOU GO
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)



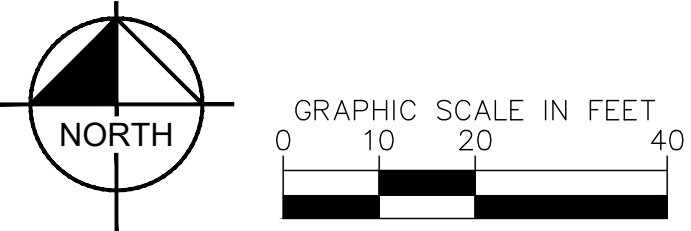
VICINITY MAP
CITY OF MARICOPA
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MATERIALS	
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Decorative Boulder	
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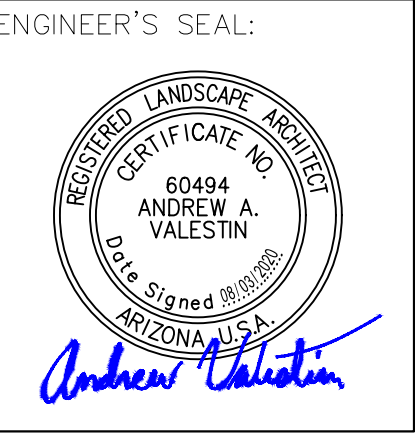
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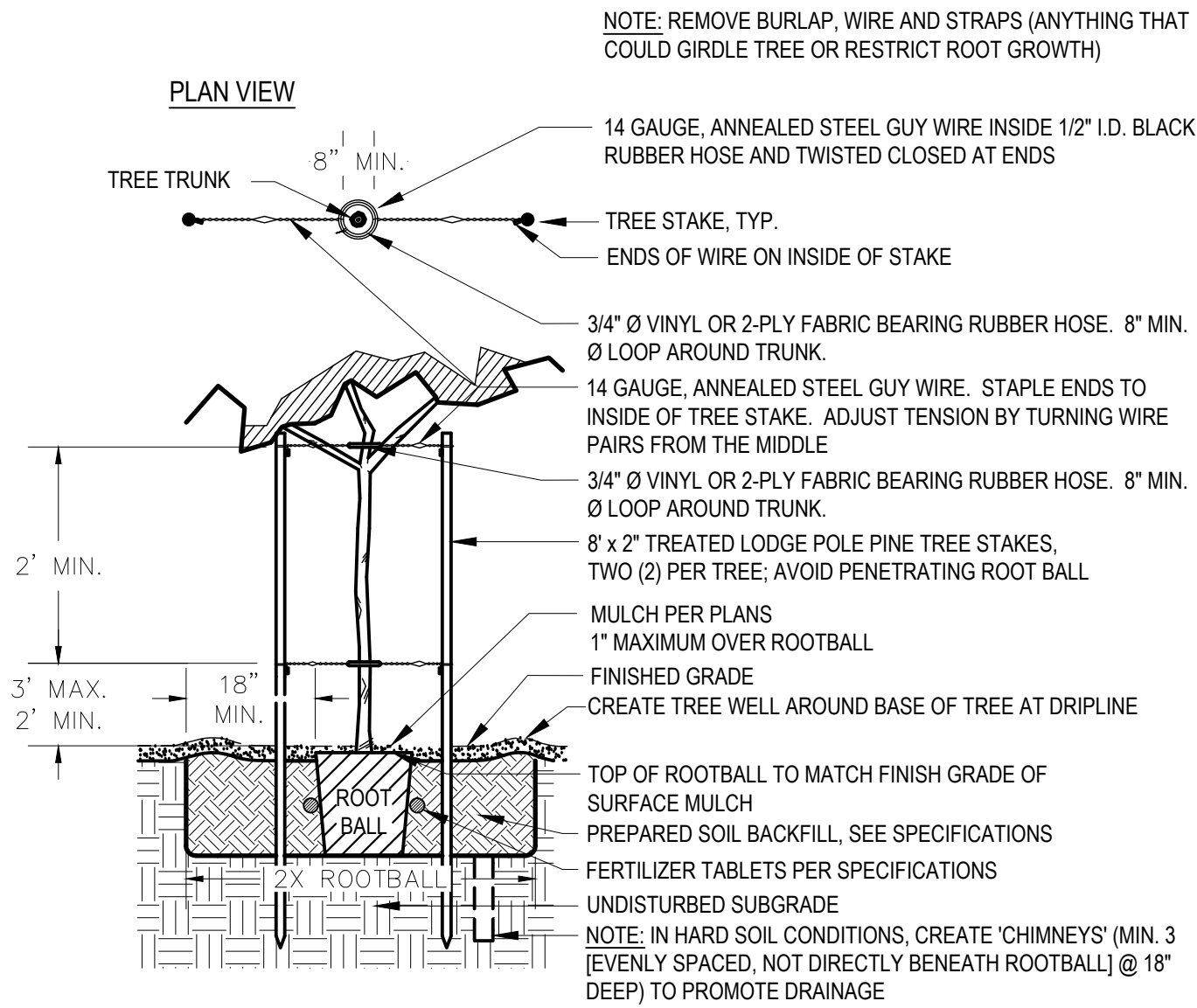
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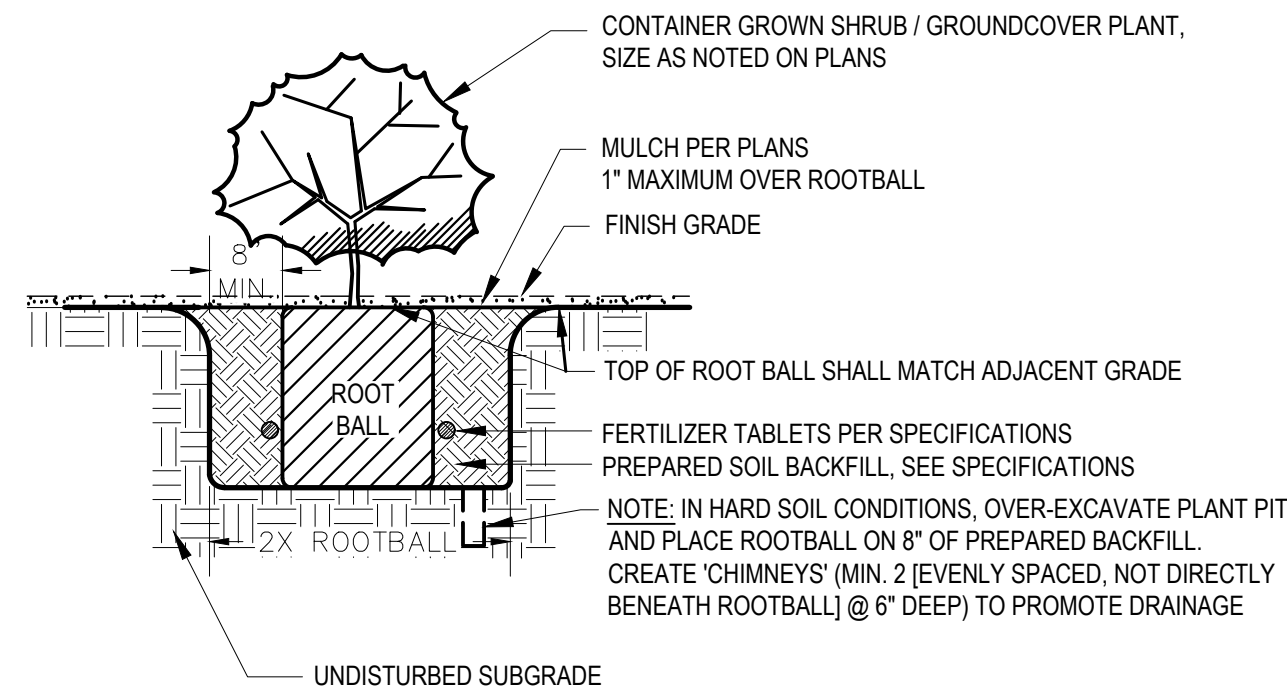
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SHEET TITLE:
LANDSCAPE PLAN
SHEET DESIGNATION:
L2
SHEET NUMBER:
2 5



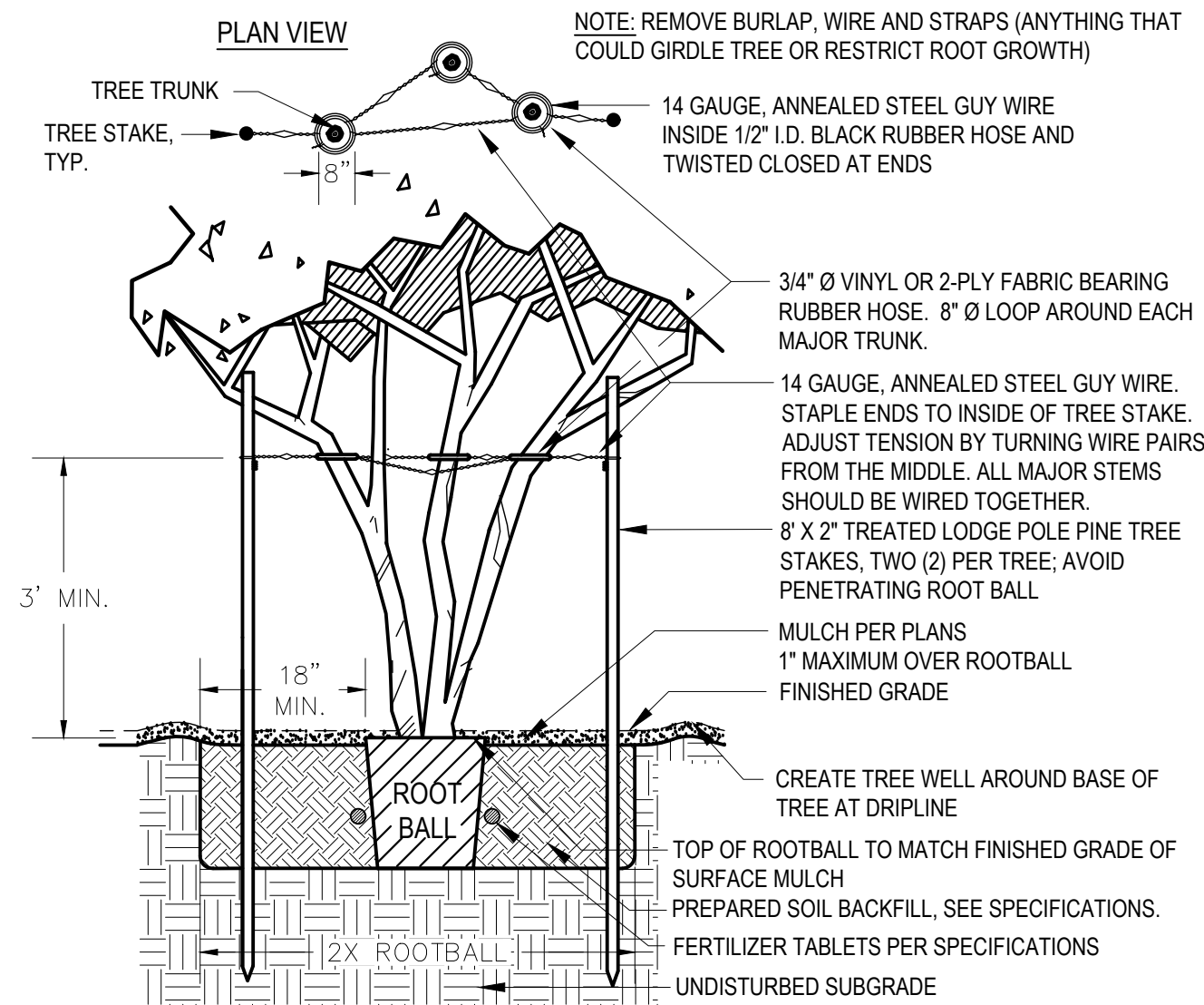
1 TREE PLANTING AND STAKING

SCALE: N.T.S.



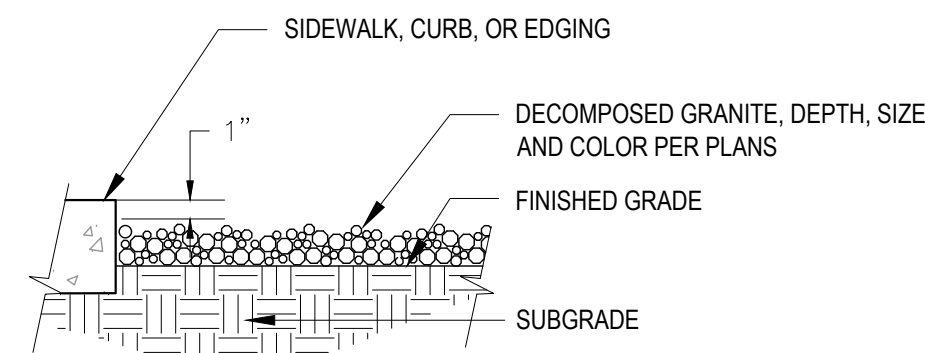
2 SHRUB / GROUND COVER PLANTING

SCALE: N.T.S.



3 TREE STAKING - MULTI-TRUNK

SCALE: N.T.S.



NOTE

1. COMPACT SUBGRADE TO 80% AND APPLY A PREEMERGENT HERBICIDE TO THE SOIL BEFORE PLACING GRANITE AT REQUIRED DEPTH. RAKE SMOOTH, WET TO ENTIRE DEPTH, ROLL WITH A 150 LB ROLLER, THEN LIGHTLY SCARIFY SURFACE WITH A LEAF RAKE. KEEP TOP OF GRANITE 1" BELOW ADJACENT WALKS, CURBS, OR OTHER HARD SURFACES.
2. APPLY SECOND APPLICATION OF PREEMERGENT HERBICIDE AFTER INSTALLATION OF GRANITE

4 DECOMPOSED GRANITE INSTALLATION

SCALE: N.T.S.

AMENDED PLANTING BACKFILL MIX

MIX SHALL CONSIST OF: 1/2 PART 'NATIVE' SITE SOIL (NO CALICHE IN BACKFILL) & 1/2 PART MULCH (*HUMUS) *NATURAL FERTILE, FRIABLE SOIL THOROUGHLY MIXED PRIOR TO BACKFILLING PIT. REMOVE ALL INORGANIC MATERIAL GREATER THAN 1" IN SIZE. SOIL BACKFILLING SHALL BE ACCOMPLISHED IN 6" LIFTS. EACH LIFT SHALL BE WATER SETTLED WITHOUT POOLING.

SLOW-RELEASE FERTILIZER TABLETS

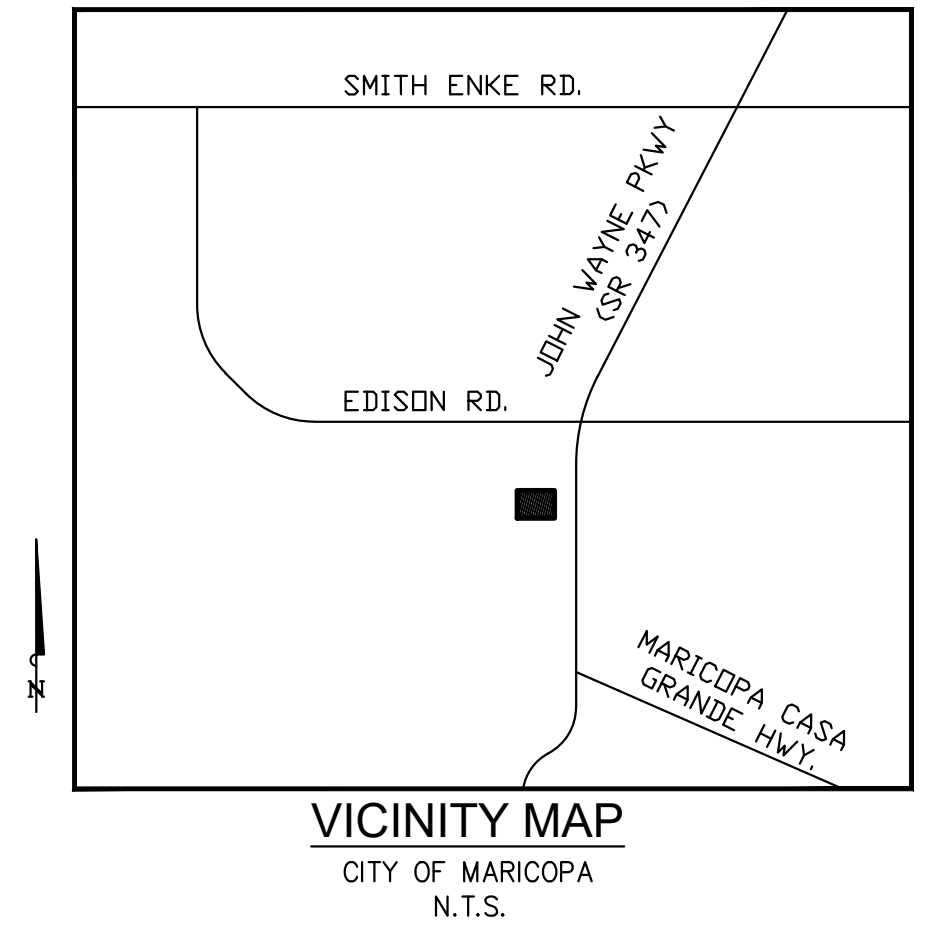
FERTILIZER TABLETS SHALL BE AGRIFORM OR EQUAL (21 GRAM 20-10-5) SLOW RELEASE. TABLETS SHALL BE PLACED AT 1/2 THE DEPTH OF THE ROOTBALL AT THE FOLLOWING RATES.

- 1 TABLET PER 1-GALLON CONTAINER
- 2 TABLETS PER 5-GALLON CONTAINER
- 3 TABLETS PER 15-GALLON CONTAINER
- 4 TABLETS PER 24" BOX

AND AT A RATE OF 1 TABLET PER EACH ADDITIONAL 6" BOX SIZE. WHEN MULTIPLE QUANTITIES OF TABLETS ARE REQUIRED, THEY SHALL BE EQUALLY SPACED AT THE SPECIFIED DEPTH.

5 BACKFILL AND FERTILIZER NOTES

SCALE: N.T.S.



VICINITY MAP
CITY OF MARICOPA
N.T.S.

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Kimley»Horn

1001 WEST SOUTHERN AVE. SUITE 131
MESA, ARIZONA 85210 (480) 207-2666

ENGINEER'S SEAL:



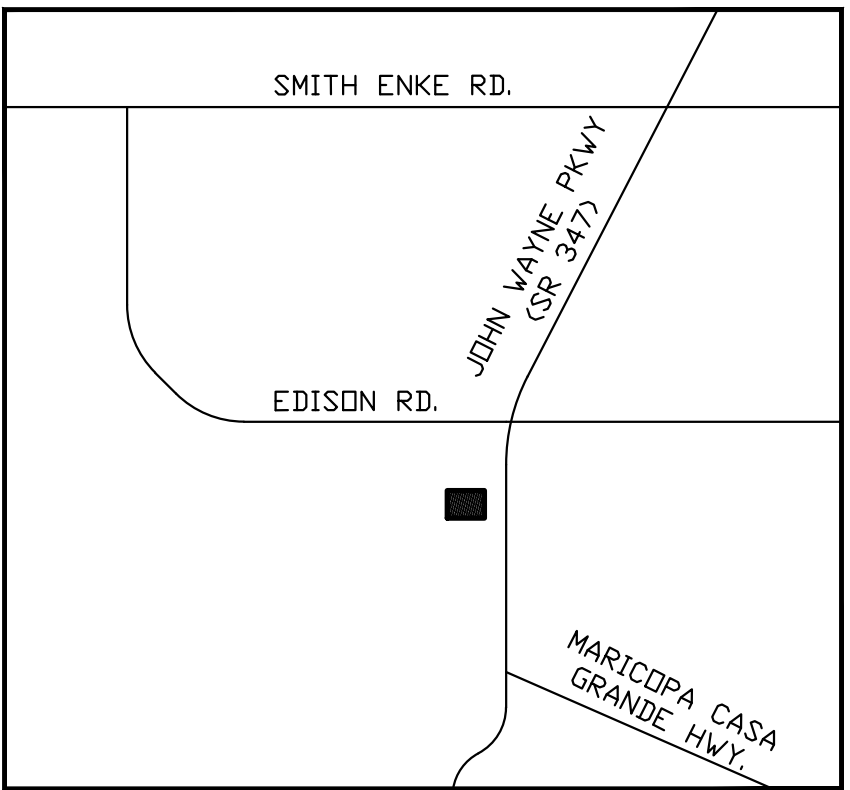
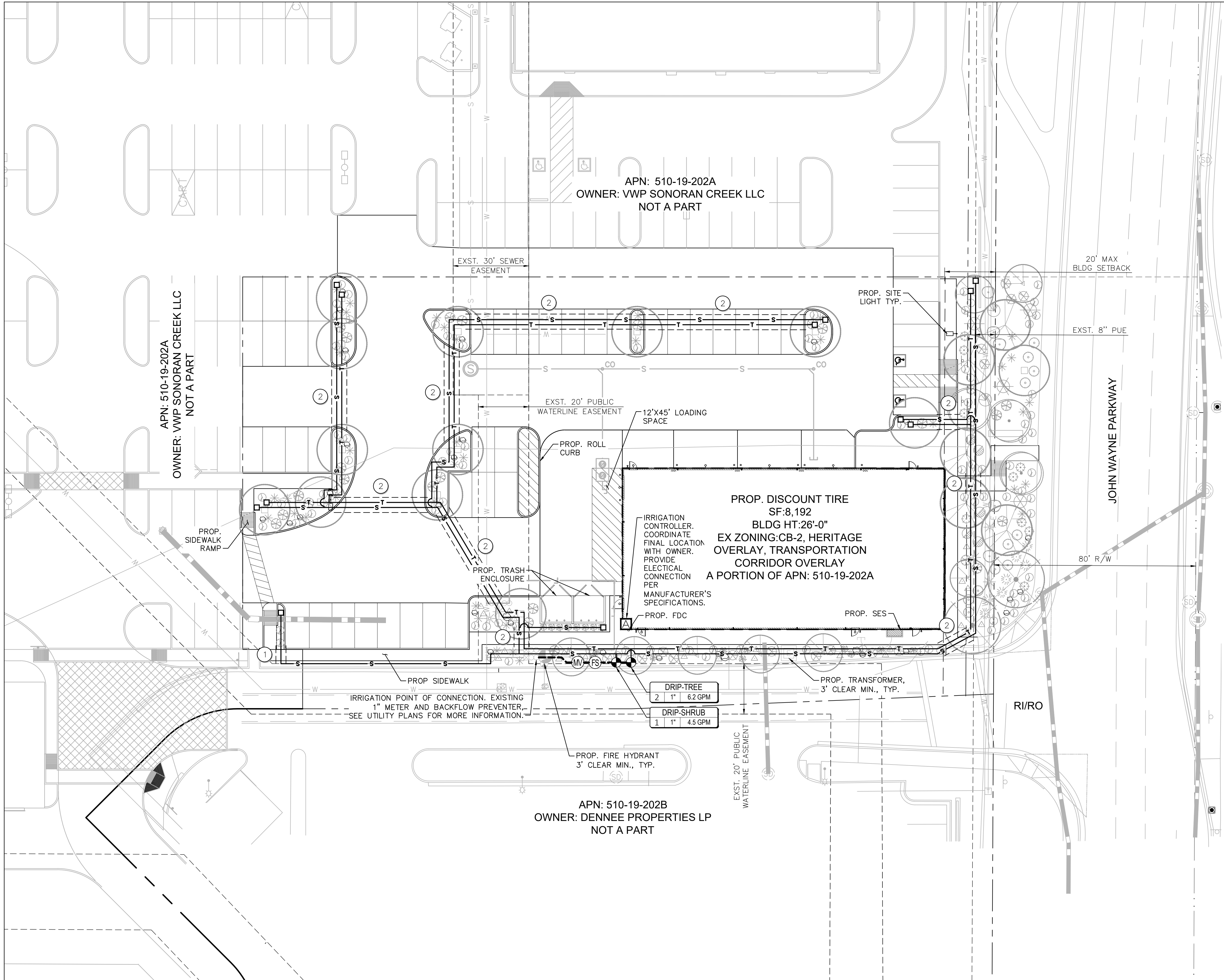
DISCOUNT
TIRE CO.

20240 N JOHN WAYNE PKWY
CITY OF MARICOPA, ARIZONA

JOB NUMBER:
91789059
PROJECT MANAGER:
STERLING MARGETTS, P.E.
DRAWN BY:
JAJ
REVIEWED BY: AAV
DATE:
08/03/20

SHEET TITLE:
LANDSCAPE DETAILS
SHEET DESIGNATION:
L3
SHEET NUMBER:
3 5

CALL TWO WORKING DAYS BEFORE YOU DIG
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1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)



VICINITY MAP
CITY OF MARICOPA
N.T.S.

IRRIGATION LEGEND

EQUIPMENT	
SYMBOL	MANUFACTURER / DESCRIPTION
	Proposed 1" Irrigation Meter and Backflow Preventer, See Utility Plans for Additional Information
	Rain Bird ESP12-LXMEF Controller, 12-Station, Outdoor Mount Controller with Flow Smart Module; Coordinate Final Location with Owner; Provide Electrical per Manufacturer's Specifications
	Rain Bird 100 EFB-CP 1" Master Valve, Normally Closed, with Rain Bird PRS-D Pressure Regulating Module
	Rain Bird FS100B 1" Brass Flow Sensor
	Rain Bird XEZ-100-PRB-COM Drip Control Valve Kit with 1" Ball Valve, Pressure Regulator Module and Basket Filter
	Flush End Cap
not shown	Rain Bird XBT-20-6 (1 per tree, 6 ports open)
shown	Rain Bird XBT-10-6 (1 per shrub, 5 ports open max)

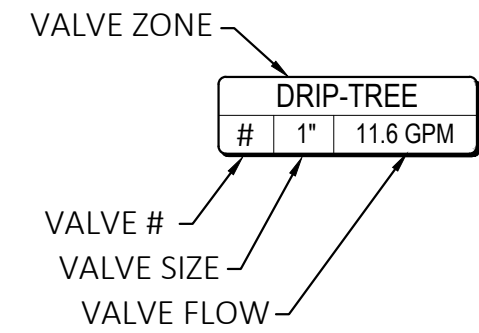
SLEEVE SCHEDULE

SYMBOL	DESCRIPTION
	Schedule 40 PVC 2" Lateral Sleeve, Spears or Equal
	"X" Indicates Quantity

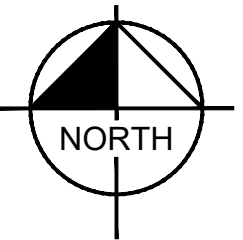
PIPE SCHEDULE

SYMBOL	SIZE / DESCRIPTION		
	1" SCH 40 PVC Mainline		
	3/4" SCH 40 PVC Tree Lateral		
	3/4" SCH 40 PVC Shrub Lateral		
	Flow (GPM)	Pipe Size	Pipe Class
	0-5.0	1/2"	SCH 40 PVC
	5.1-10	3/4"	SCH 40 PVC
	10.1-15	1"	SCH 40 PVC

VALVE ZONE ID



- NOTES:
- IRRIGATION EQUIPMENT IS SHOWN DIAGRAMMATICALLY. ALL EQUIPMENT AND PIPING SHALL BE PLACED WITHIN LANDSCAPE AREAS. AVOID CONFLICTS WITH UTILITIES AND PLANT MATERIALS. TYP.
 - MULTIPLE VALVE OF THE SAME TYPE MAY BE RUN SIMULTANEOUSLY. HOWEVER, SYSTEM SHALL NOT EXCEED 12.0 GPM AT ANY GIVEN TIME.



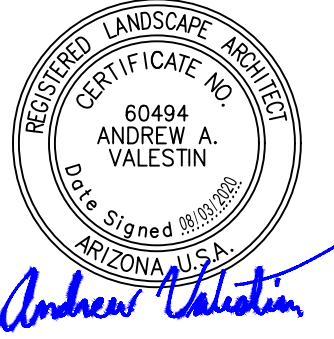
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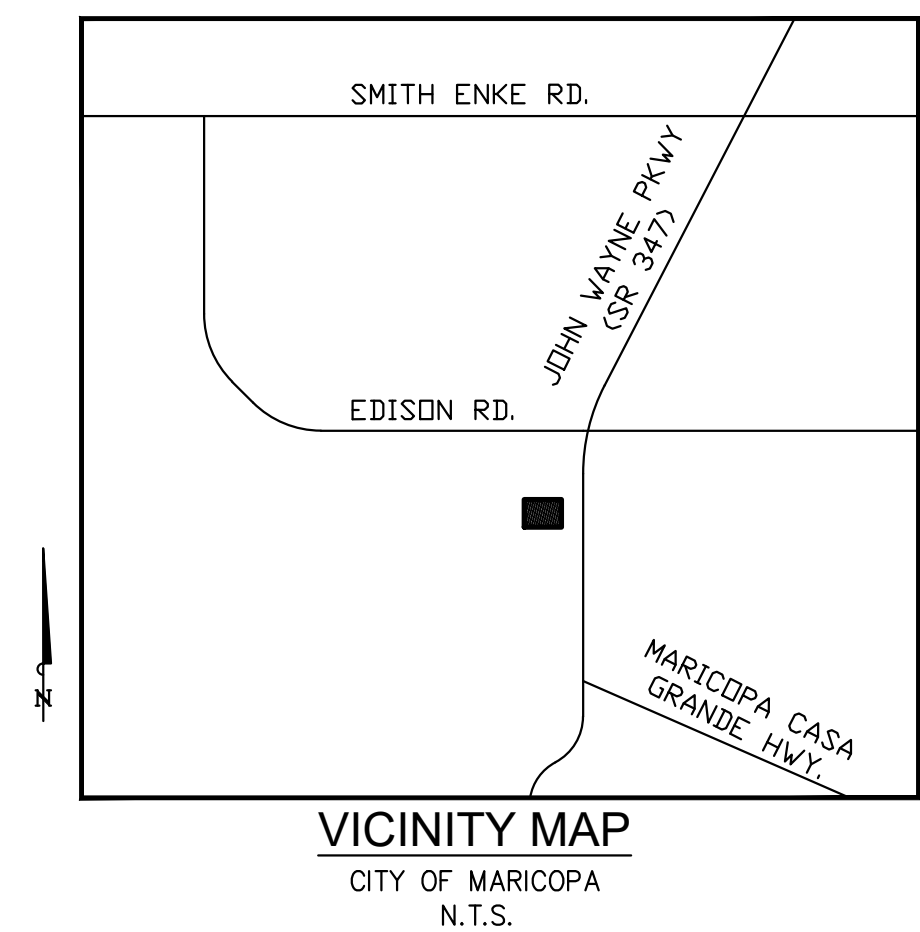
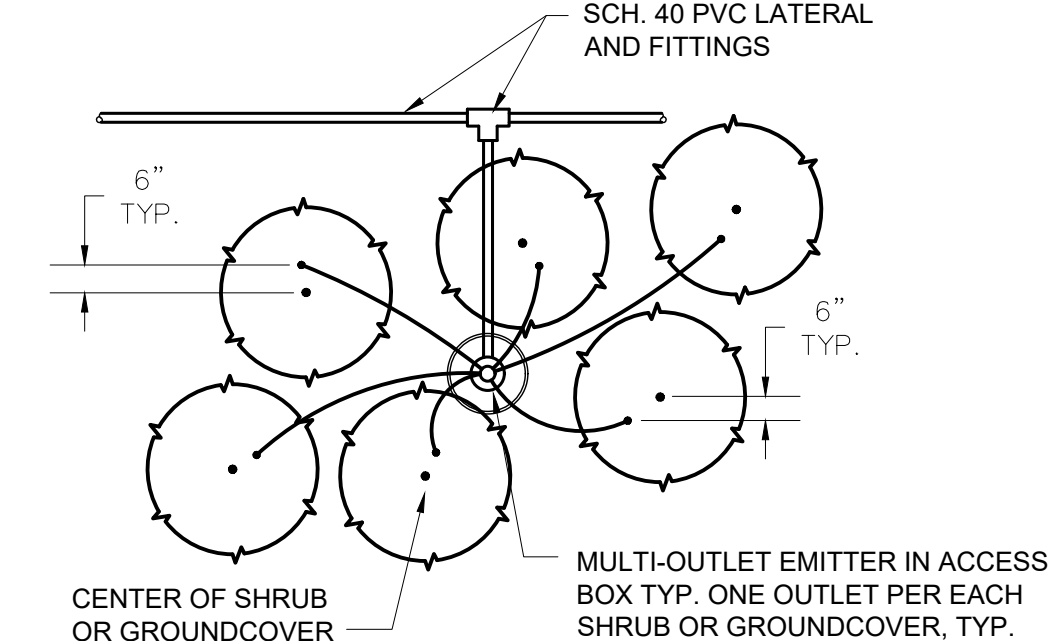
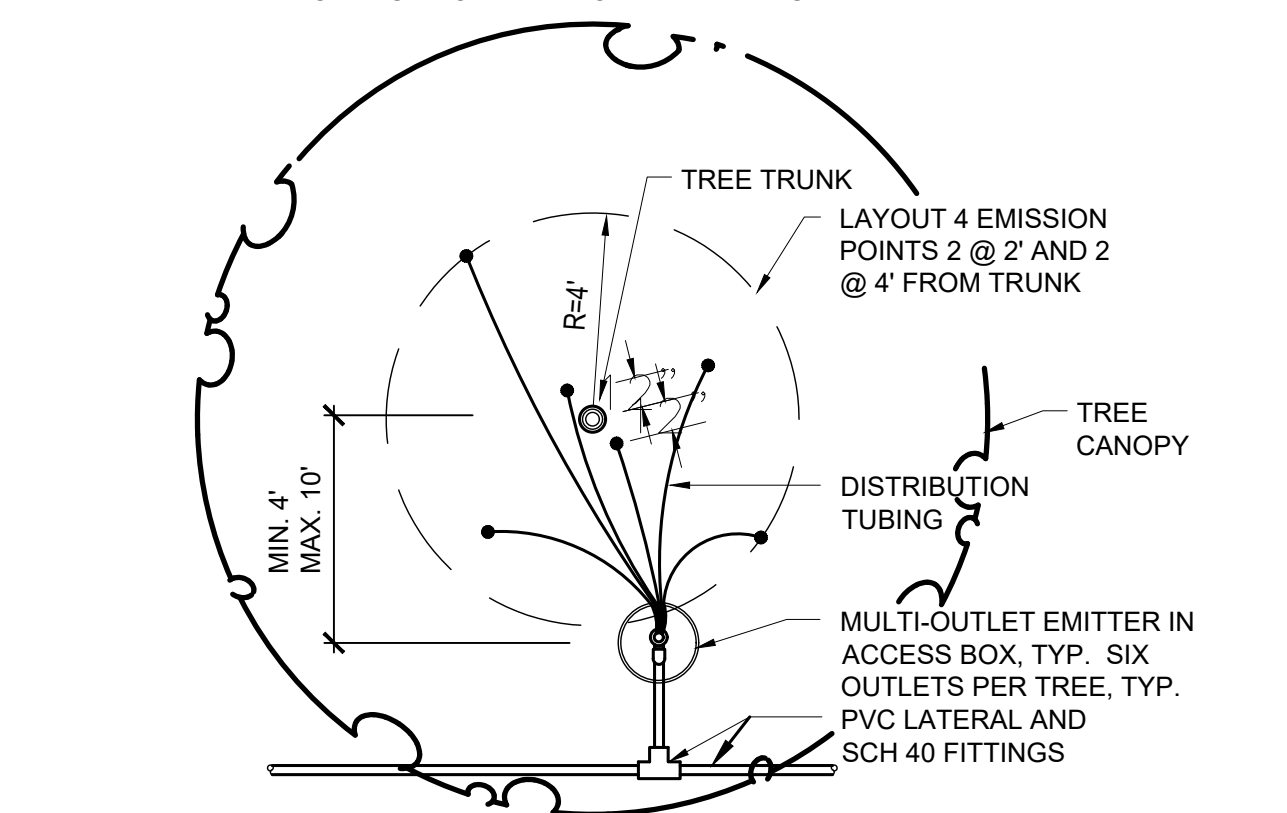
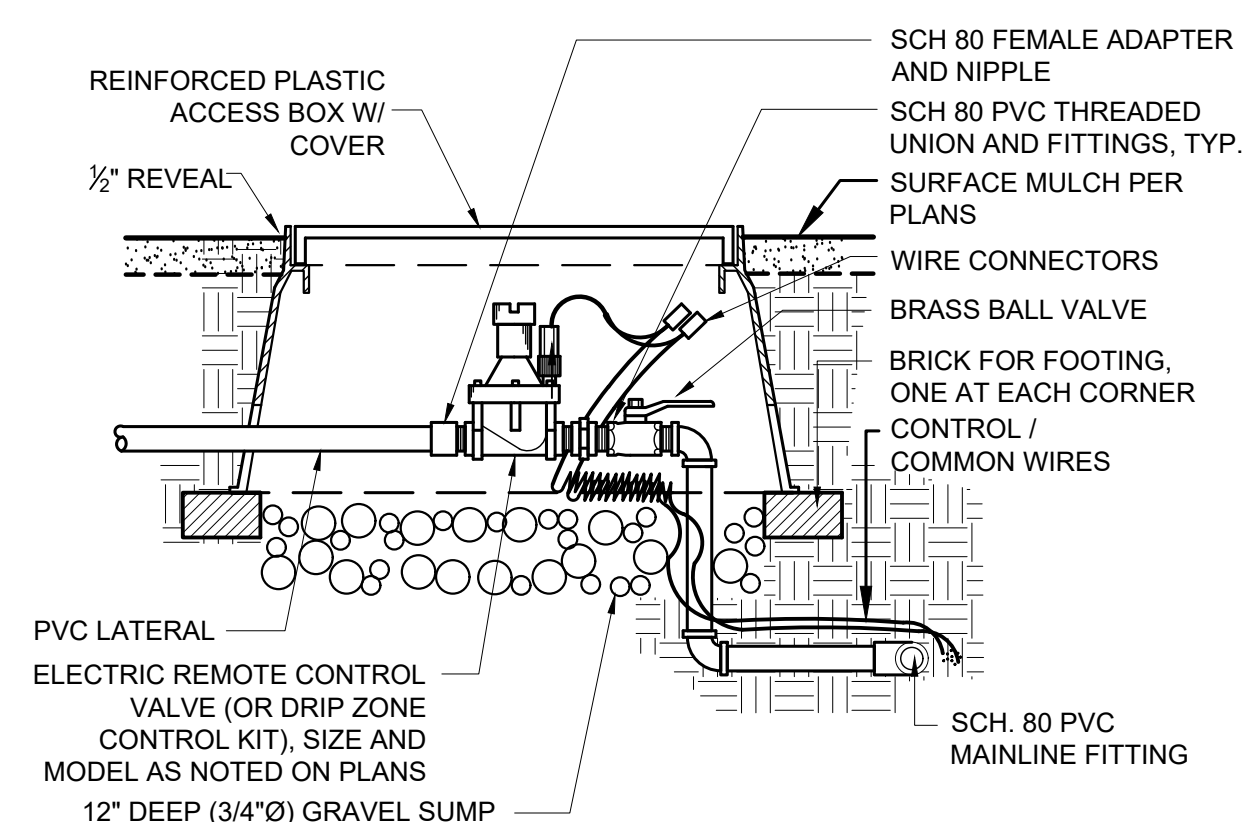
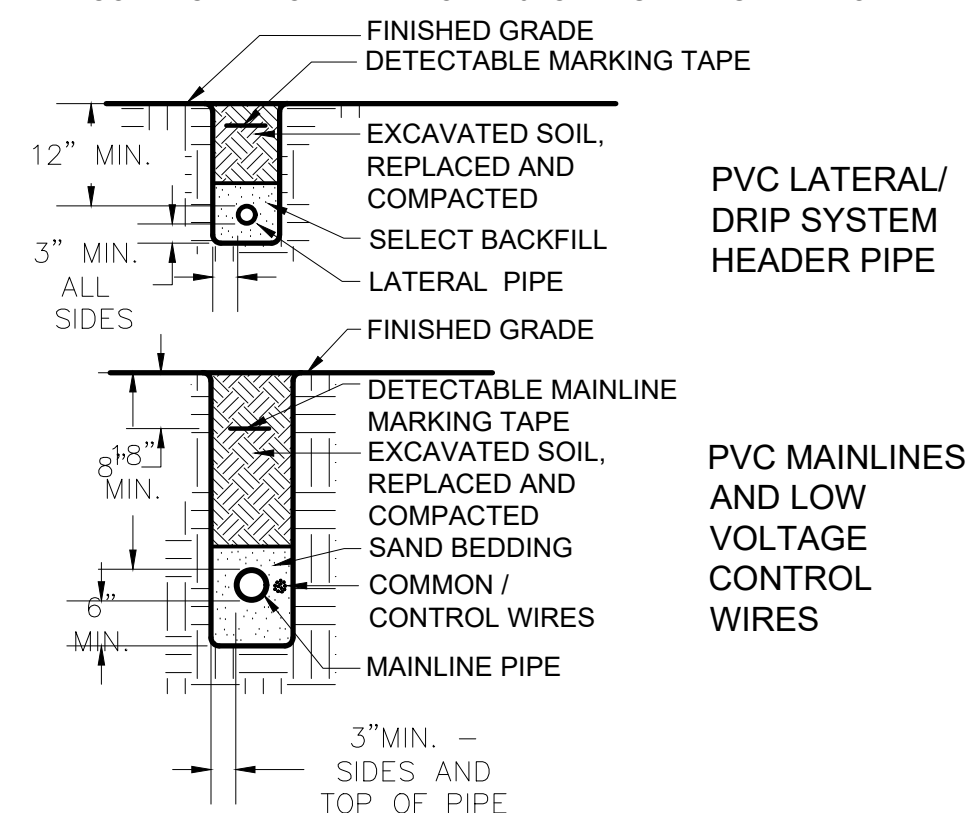
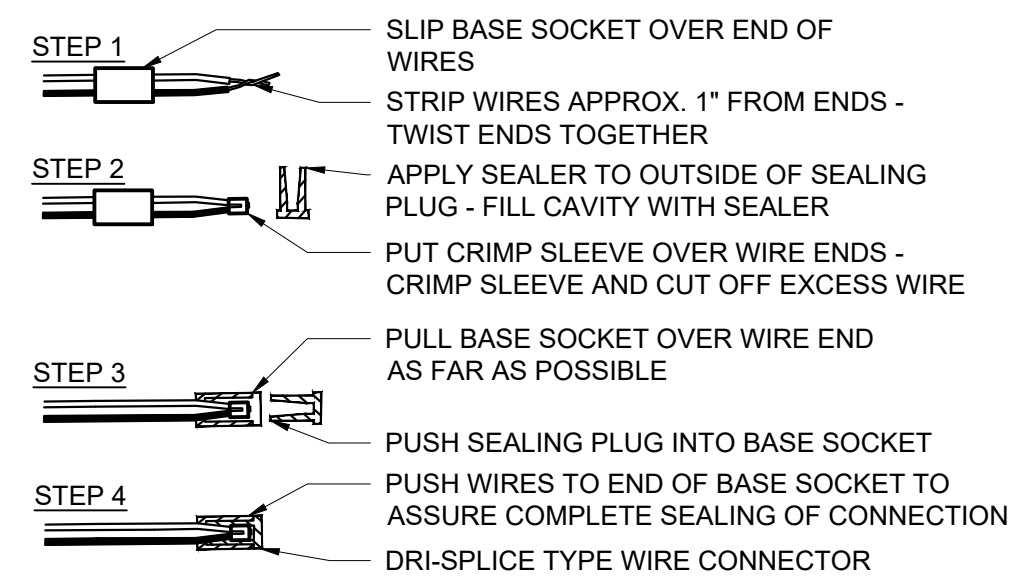
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IRRIGATION DETAILS	
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L5	
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