PLANTING & IRRIG. NOTES PLANTING & IRRIG. NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY QUANTITIES INCLUDING TREES, SHRUBS GROUNDCOVERS, DECOMPOSED GRANITE, MULCH & OTHER ITEMS SHOWN ON THE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION OF MAJOR DISCREPANCIES. IN CASE OF A DISCREPANCY BETWEEN THE NUMBER OF PLANTS INDICATED ON THE PLANT LIST. THE DRAWINGS SHALL BE ACCEPTED AS CORRECT.

2. ALL LANDSCAPE AND IRRIGATION MATERIALS & INSTALLATION SHALL COMPLY WITH SECTIONS 424, 425, 430 757 AND 795 OF THE M.A.G. SPECIFICATIONS.

3. IRRIGATION VALVE BOXES: INSTALL GREEN IRRIGATION BOXES IN TURF AREAS & TAN IRRIGATION BOXES IN ALL OTHER AREAS. BOXES SHALL BE LOCATED A MINIMUM OF 6' BEHIND ALL CIRCULATION AREAS & SHALL BE ORGANIZED IN AN ORDERLY MANNER INCLUDING GROUPING **BOXES TOGETHER & SETTING THE BOXES** IN LINE WITH ADJACENT WALKS AND CURBS. BOXES SHALL BE SET FLUSH WITH FINISH GRADE.

4. CONTRACTOR SHALL BE RESPONSIBLE FOR FULL IRRIGATION COVERAGE OF ALL PLANT MATERIAL.

5. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY COVER, BOXES, LIDS & MANHOLES IN AN EXPOSED CONDITION.

6. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS SET FORTH IN THE AMERICAN STANDARDS OF NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN & BY THE ARIZONA NURSERY ASSOCIATION RECOMMENDED TREE SPECIFICATIONS. BOX SIZES ARE SHOWN FOR REFERENCE ONLY.

7. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DEEMED UNACCEPTABLE

8. SUBSTITUTIONS SHALL NOT BE ALLOWED UNLESS AUTHORIZED IN WRITING BY THE LANDSCAPE ARCHITECT

9. LOCATE PLANTS AWAY FROM SPRINKLER HEADS, LIGHT FIXTURES & OTHER OBSTRUCTIONS.

10. THE CONTRACTOR SHALL REQUEST INSPECTION OF PLANT LAYOUT IN THE FIELD BY THE LANDSCAPE ARCHITECT A MINIMUM OF 48 HOURS IN ADVANCE FOR APPROVAL UNLESS OTHERWISE AGREED UPON.

11. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO INSPECT SHRUBS & CONTAINER TREES FOR CONDITIONS OF ROOTBALLS. THE CONTRACTOR SHALL REQUEST INSPECTION 24 HOURS IN ADVANCE OF PLANTING. UPON SUCH INSPECTIONS IF THE ROOTBALL CONDITION IS UNACCEPTABLE THE CONTRACTOR SHALL SUPPLY REPLACEMENT PLANT AT NO COST.

12. WATER TEST ALL TREE PLANTING HOLES PRIOR TO PLANTING. IF TREE HOLE DOES NOT DRAIN WITHIN A 24 HOUR PERIOD, REFER TO HARDPAN DETAIL

13. SEE SPECIFICATIONS FOR PLANTING BACKFILL MIX.

14. ALL TOP SOIL MIXTURES FOR PLANTS SHALL BE FREE OF GRASS AND NOXIOUS WEEDS. SEE SECTION 795 OF THE M.A.G. SPECIFICATIONS.

15. PLANTING AND IRRIGATION DESIGN MAY BE MODIFIED TO ADAPT TO WALK CONFIGURATIONS THAT DIFFER FROM THESE PLANS OR BECAUSE OF GRADE LIMITATIONS ON SITE.

16. SHRUBS AND GROUNDCOVER SHALL BE PLANTED A MINIMUM OF 3' AWAY FROM THE EDGE OF WALKS, WALLS, BUILDINGS AND CURBS UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT.

17. MAINTAIN 5' CLEARANCE OF CACTI FROM ALL PEDESTRIAN ROUTES UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT.

18. MAINTAIN 5' CLEARANCE OF PLANT MATERIAL FROM ALL FIRE HYDRANTS AND/OR FIRE DEPARTMENT CONNECTIONS ON SITE.

19. SIGHT DISTANCE TRIANGLES SHALL BE CLEAR OF LANDSCAPING & OTHER VISIBILITY **OBSTRUCTIONS WITH A HEIGHT GREATER** THAN 2 FEET. TREES WITHIN THE TRIANGLES SHALL HAVE A CANOPY THAT BEGINS AT 7 FEET IN HEIGHT UPON INSTALLATION

20. ALL LANDSCAPED AREAS SHALL BE SPRAYED WITH WEED KILLER SUCH AS 'ROUND-UP' PER MANUFACTURER'S **RECOMMENDATIONS & ALL WEEDS REMOVED** 7-10 DAYS PRIOR TO PLACEMENT OF DECOMPOSED GRANITE.

21. ALL LANDSCAPE AREAS SHALL BE TREATED WITH PRE-EMERGENT AS PER MANUFACTURER'S INSTRUCTIONS -- WITH THE EXCEPTION OF AREAS RECEIVING SEED MIX. DEAD DEBRIS SHALL BE PROPERLY DISPOSED OF PRIOR TO PLACEMENT OF DECOMPOSED GRANITE.

22. THE CONTRACTOR SHALL PROVIDE THE LANDSCAPE ARCHITECT WITH A LETTER CERTIFYING THE CHEMICAL. DATE AND RATE OF APPLICATION FOR BOTH WEED KILLER AND PRE-EMERGENT.

23. LANDSCAPE AREAS NOT OTHERWISE COVERED BY TURF, PAVING OR BUILDINGS SHALL BE DECOMPOSED GRANITE -- 2" DEPTH UNLESS OTHERWISE NOTED. LANDSCAPE CONTRACTOR TO SUBMIT A QUANTITY OF TWO 5 LB. SAMPLE BAGS OF DECOMPOSED GRANITE TO LANDSCAPE ARCHITECT FOR **APPROVAL**

24. AREAS OF DECOMPOSED GRANITE SHALL NOT EXCEED MORE THAN 7 FEET IN ANY **DIRECTION WITHOUT PLANT MATERIAL** UNLESS OTHERWISE NOTED BY THE LANDSCAPE ARCHITECT.

25. ALL ROCKS AND DEBRIS OF 1" DIA. SIZE OR LARGER SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF PRIOR TO THE PLACEMENT OF DECOMPOSED GRANITE -- WITH THE EXCEPTION OF ANY AREAS RECEIVING LARGER SIZE COBBLE. SEE PLANS FOR LOCATIONS.

26. ALL REVEGETATED PLANTING AREAS AND ANY DISTURBED AREAS SHALL RECEIVE A FINE GRADE OF NATIVE SOIL AND COBBLE TO REPRESENT THE 'NATIVE DESERT PAVEMENT ADJACENT TO THE PROJECT -- REFER TO PLANTING DETAILS. FINAL PRODUCT SHALL BE APPROVED BY THE LANDSCAPE

27. TOP DRESSING, DECOMPOSED GRANITE AND/OR DESERT PAVEMENT SHALL EXTEND UNDER SHRUBS UNLESS OTHERWISE NOTED ON THE PLANS.

28. FINISH GRADE IN ALL AREAS SHALL BE SMOOTH, EVEN AND 1/2" BELOW TOP OF CURBS, PAVING AND ADJACENT WALKS.

29. WHEN BOXED TREES ARE INSTALLED, THE BOTTOM OF THE TREE BOXES SHALL NOT BE REMOVED UPON PLANTING. THE SOIL LINE OF THE PLANTED TREE SHALL MATCH THE SURROUNDING FINISH GRADE.

30. NEW LANDSCAPING, 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 AND LETTER OF ACCEPTANCE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.

31. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A 1 (ONE) YEAR WARRANTY ON THE IRRIGATION SYSTEM, A 1 (ONE) YEAR WARRANTY ON ALL TREES, CACTI, OCOTILLOS AND 15 GALLON PLANT MATERIAL AND A 90 (NINETY) DAY WARRANTY ON ALL REMAINING PLANT MATERIAL

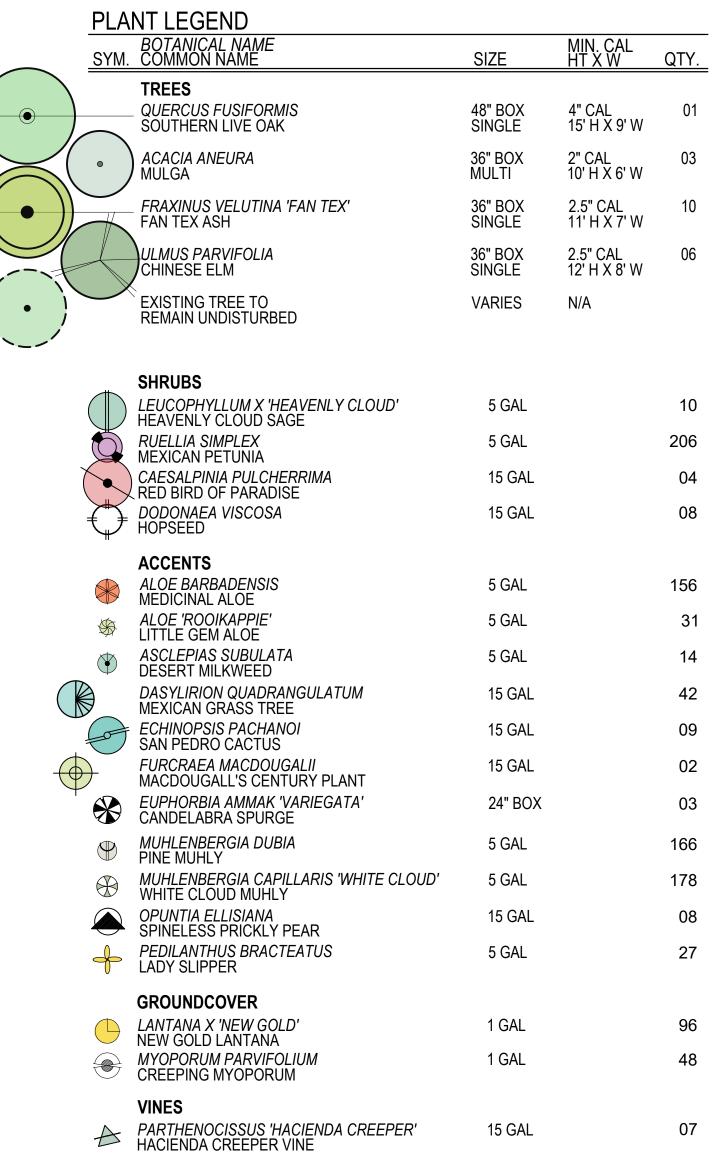
32. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE ENTIRE PROJECT FOR A MAINTENANCE PERIOD OF 90 DAYS AFTER ACCEPTANCE OF WORK BY THE OWNER AS PER SECTION 430.8 OF THE M.A.G. SPECIFICATIONS. UPON COMPLETION OF THE MAINTENANCE PERIOD THE OWNER WILL ASSUME MAINTENANCE RESPONSIBILITIES

33. ALL LANDSCAPE AREAS & MATERIALS, INCLUDING THOSE LOCATED IN THE RIGHT-OF-WAY SHALL BE MAINTAINED IN A HEALTHY, NEAT, WEED-FREE CONDITION. THIS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.

34. CONTRACTOR SHALL PROVIDE LANDSCAPE ARCHITECT WITH NURSERY SOURCE LIST AND DIGITAL IMAGES OF ALL PLANT MATERIALS FOR REVIEW PRIOR TO PROCUREMENT OF ANY PLANT MATERIAL AND PRIOR TO SCHEDULING NURSERY VISITS.

MCCORMICK STILLMAN RAILROAD PARK PLAYGROUND + SPLASH PAD SITE IMPROVEMENTS

7301 E INDIAN BEND ROAD SCOTTSDALE, AZ 85250



ALL TREES WITHIN 10' OF UNDERGROUND UTILITIES SHALL HAVE APPROVED ROOT BARRIERS - REFER TO DETAIL 4 / L-201

LANDSCAPE SHEET INDEX

SHEET#	DESCRIPTION	(04/28/23) ISSUED FOR: DESIGN DEVELOPMENT	(06/16/23) ISSUED FOR: DESIGN REVIEW BOARD		
LC-O1	LANDSCAPE COVER SHEET	X	Х		
L-100	OVERALL LANDSCAPE PLAN	X	X		
L-101	PARTIAL LANDSCAPE PLAN	X	X		
L-102	PARTIAL LANDSCAPE PLAN	X	X		
L-201	LANDSCAPE DETAILS	X	X		
L-301	IRRIGATION PLAN	X	X		
L-302	IRRIGATION PLAN	X	X		
L-401	IRRIGATION DETAILS	X	X		
L-402	IRRIGATION DETAILS	X	X		

OWNER

CITY OF SCOTTSDALE 3939 N DRINKWATER BLVD SCOTTSDALE, AZ 85251

CONTACT: XXX EMAIL: XXX PHONE: XXX

ARCHITECT

DWL ARCHITECTS 2333 N CENTRAL AVENUE PHOENIX. AZ 85004

CONTACT: MICHAEL VOORHEIS EMAIL: mvoorheis@dwlarchitects.com PHONE: 602.264.9731

LANDSCAPE ARCHITECT

FLOOR ASSOCIATES, INC. 1425 N. FIRST STREET, SUITE 200 PHOENIX, AZ 85004

CONTACT: SPENCER OKESON EMAIL: spencer@floorassociates.com PHONE: 602.462.1425

CIVIL ENGINEER

EPS GROUP, INC. 1130 N ALMA SCHOOL ROAD, STE 120 MESA, AZ 85201

APPROPRIATE CITY APPROVAL BLOCK

APPROVED

BY DRB 9/21/23

CONTACT: MIKE LOTEMPIO EMAIL: mike.lotempio@epsgroupinc.com

2333 N Central Ave Phoenix AZ 85004 o 602.264.9731 dwlarchitects.com

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IMPROVEMENTS SITE



REVISIONS

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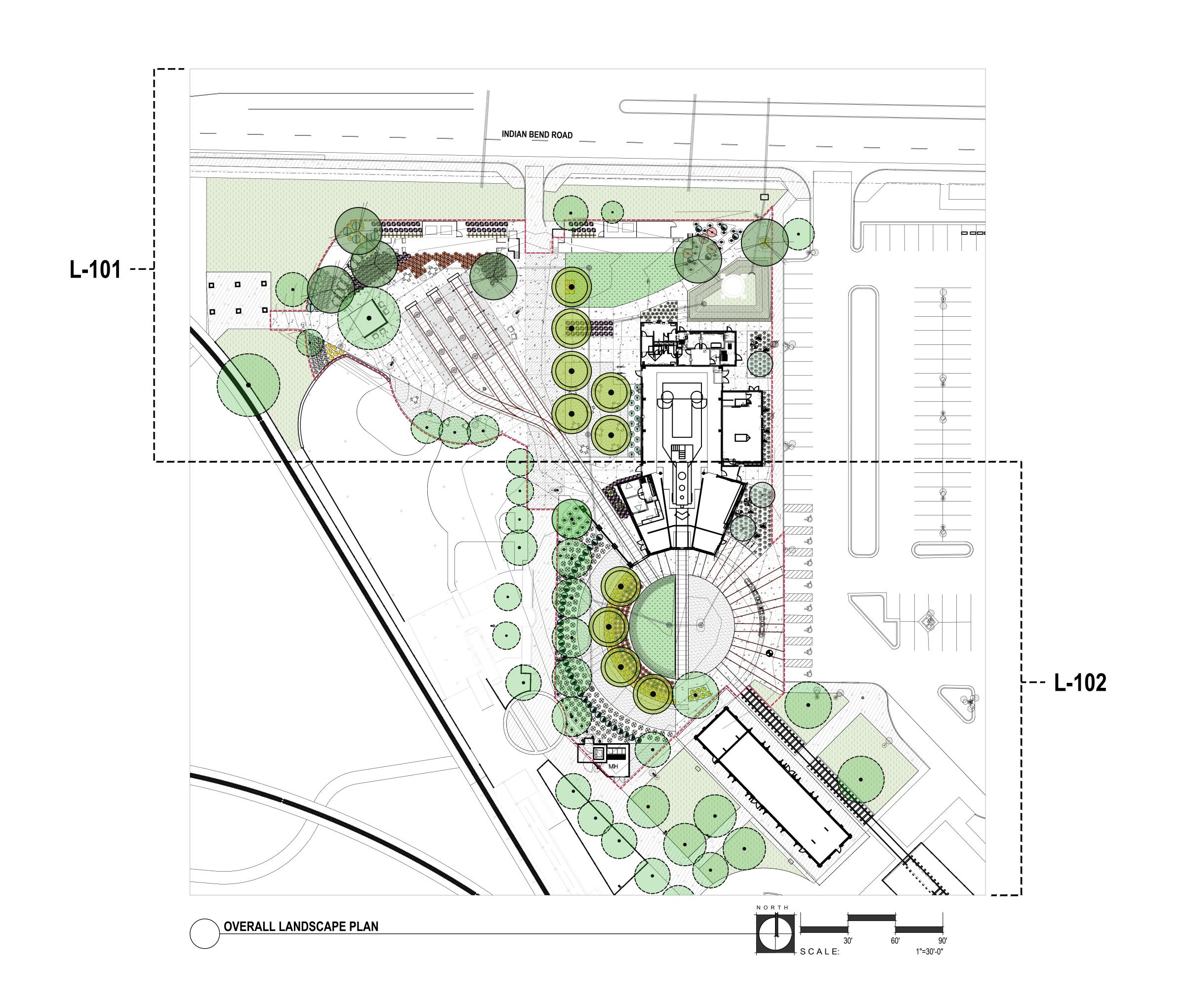
263-1100
1-800-STAKE-IT (OUTSIDE IMBICOPA COUNTY)

LANDSCAPE

COVER SHEET

LC-01

REVIEWED BY: SO / IK PROJECT NUMBER 06/16/2023 20002





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ROUNDHOUSE, SPLASH PAD & SITE IMPROVEMENTS



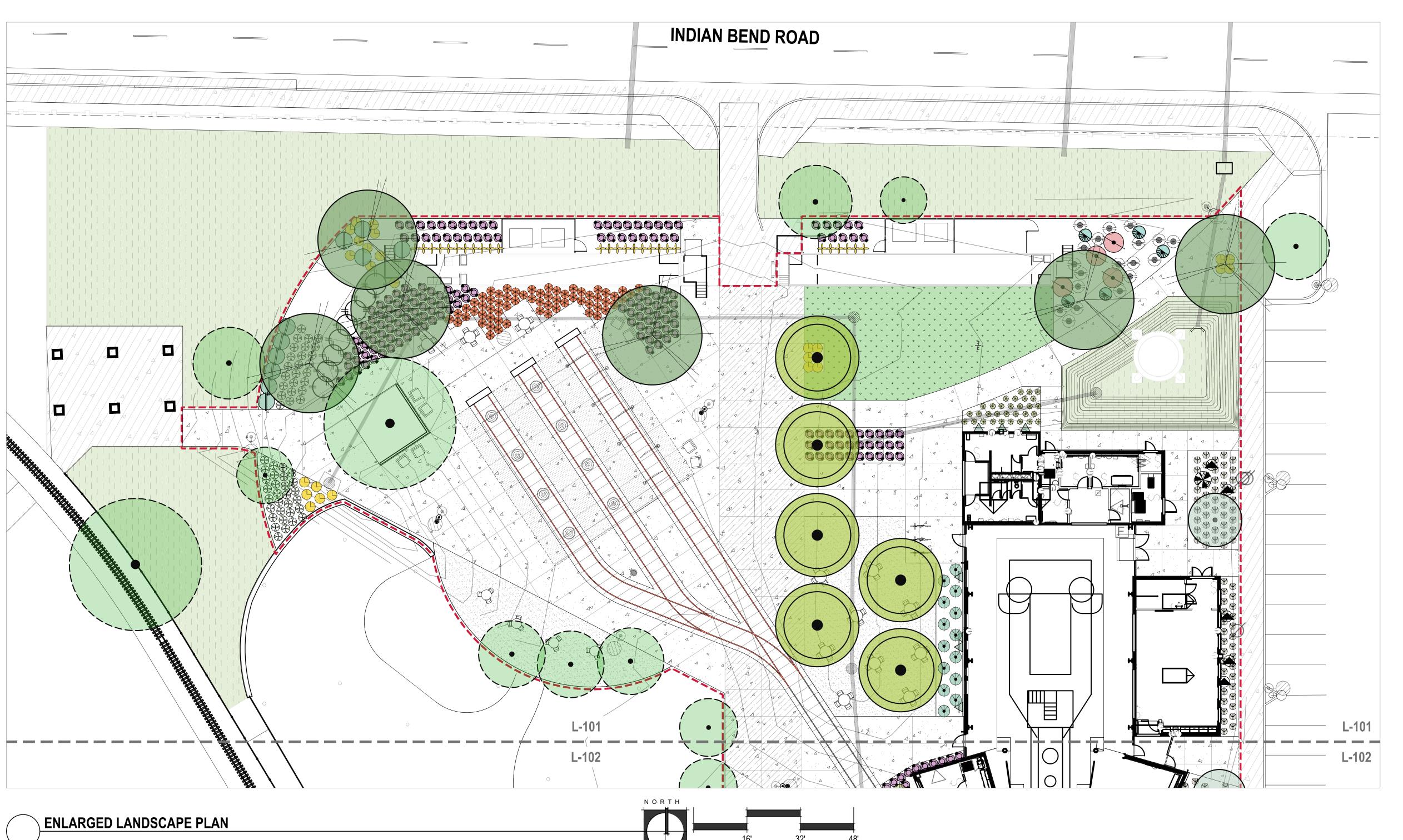
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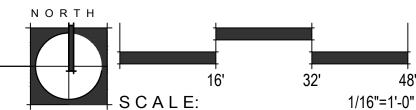
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OVERALL LANDSCAPE PLAN

L-100 DATE: 06/16/2023 PROJECT NUMBER:

20002





PLANT LEGEND			
BOTANICAL NAME SYM. COMMON NAME	SIZE	MIN. CAL HT X W	QTY.
TREES QUERCUS FUSIFORMIS SOUTHERN LIVE OAK	48" BOX SINGLE	4" CAL 15' H X 9' W	01
ACACIA ANEURA MULGA	36" BOX MULTI	2" CAL 10' H X 6' W	03
FRAXINUS VELUTINA 'FAN TEX' FAN TEX ASH	36" BOX SINGLE	2.5" CAL 11' H X 7' W	10
ULMUS PARVIFOLIA CHINESE ELM	36" BOX SINGLE	2.5" CAL 12' H X 8' W	06
EXISTING TREE TO REMAIN UNDISTURBED	VARIES	N/A	
SHRUBS			
LEUCOPHYLLUM X 'HEAVENLY CLOUD' HEAVENLY CLOUD SAGE	5 GAL		10
RUELLIA SIMPLEX MEXICAN PETUNIA	5 GAL		206
CAESALPINIA PULCHERRIMA RED BIRD OF PARADISE	15 GAL		04
DODONAEA VISCOSA HOPSEED	15 GAL		80

SYM.	BOTANICAL NAME COMMON NAME	SIZE	MIN. CAL HT X W	QTY.
	ACCENTS			_
	ALOE BARBADENSIS MEDICINAL ALOE	5 GAL		156
\$	ALOE 'ROOIKAPPIE' LITTLE GEM ALOE	5 GAL		31
	ASCLEPIAS SUBULATA DESERT MILKWEED	5 GAL		14
	DASYLIRION QUADRANGULATUM MEXICAN GRASS TREE	15 GAL		42
	ECHINOPSIS PACHANOI SAN PEDRO CACTUS	15 GAL		09
	FURCRAEA MACDOUGALII MACDOUGALL'S CENTURY PLANT	15 GAL		02
	EUPHORBIA AMMAK 'VARIEGATA' CANDELABRA SPURGE	24" BOX		03
	<i>MUHLENBERGIA DUBIA</i> PINE MUHLY	5 GAL		166
	MUHLENBERGIA CAPILLARIS 'WHITE CLOUD' WHITE CLOUD MUHLY	5 GAL		178
	<i>OPUNTIA ELLISIANA</i> SPINELESS PRICKLY PEAR	15 GAL		80
	PEDILANTHUS BRACTEATUS LADY SLIPPER	5 GAL		27
	GROUNDCOVER			
	LANTANA X 'NEW GOLD' NEW GOLD LANTANA	1 GAL		96
	MYOPORUM PARVIFOLIUM CREEPING MYOPORUM	1 GAL		48

BOTANICAL NAME SYM. COMMON NAME	SIZE	MIN. CAL HT X W	QTY.
VINES PARTHENOCISSUS 'HACIENDA CREEPER' HACIENDA CREEPER VINE	15 GAL		07

ALL TREES WITHIN 10' OF UNDERGROUND UTILITIES SHALL HAVE APPROVED ROOT BARRIERS - REFER TO DETAIL 4 / L-201

LANDSCAPE AREA TOPDRESS 10 SIZE: 1/2" SCREENED | COLOR: PAINTED DESERT (BY: ROCK PROS) 10,745 SF

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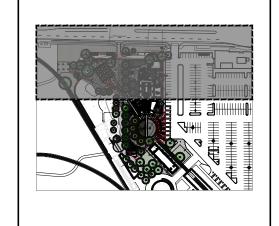
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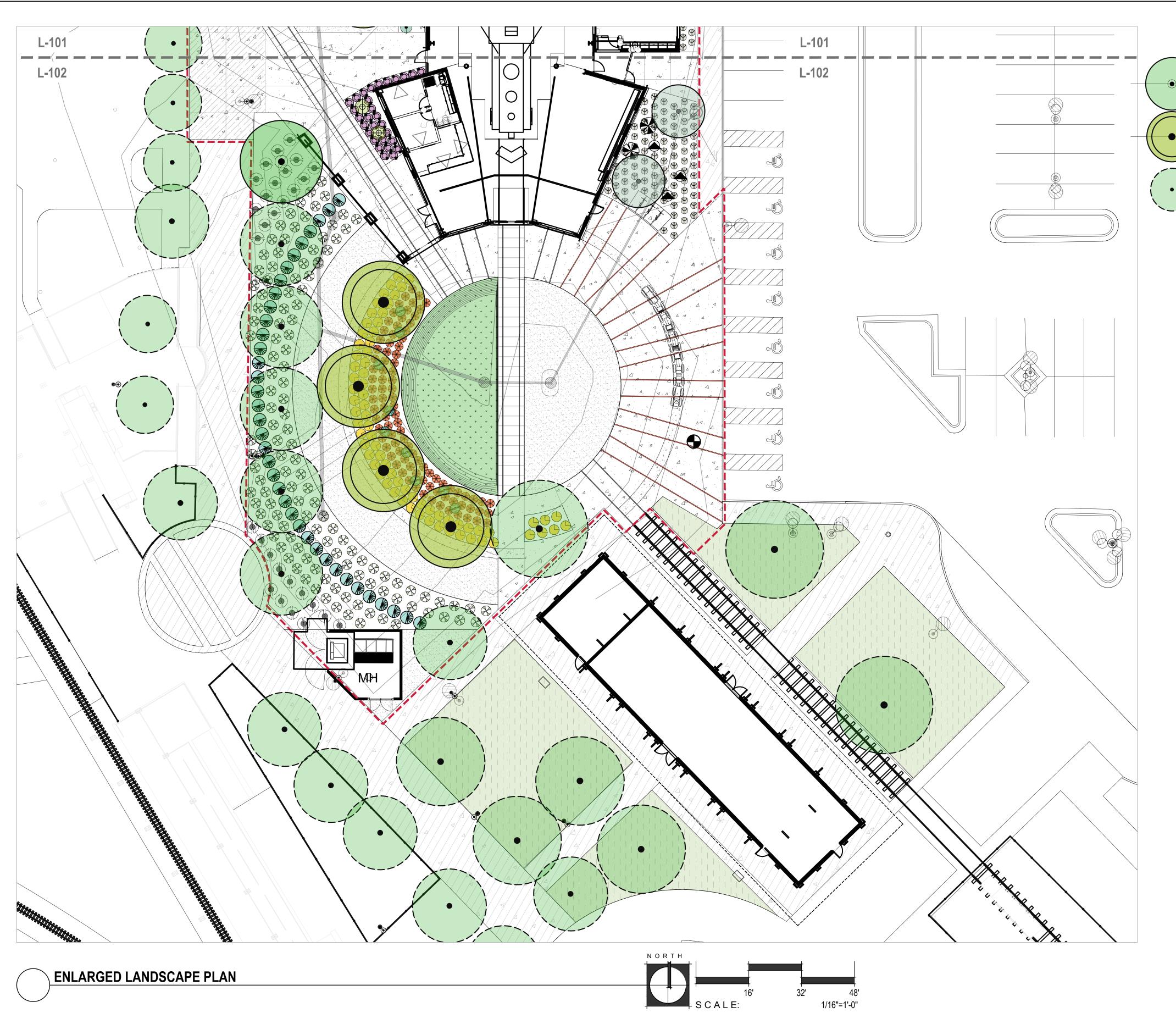
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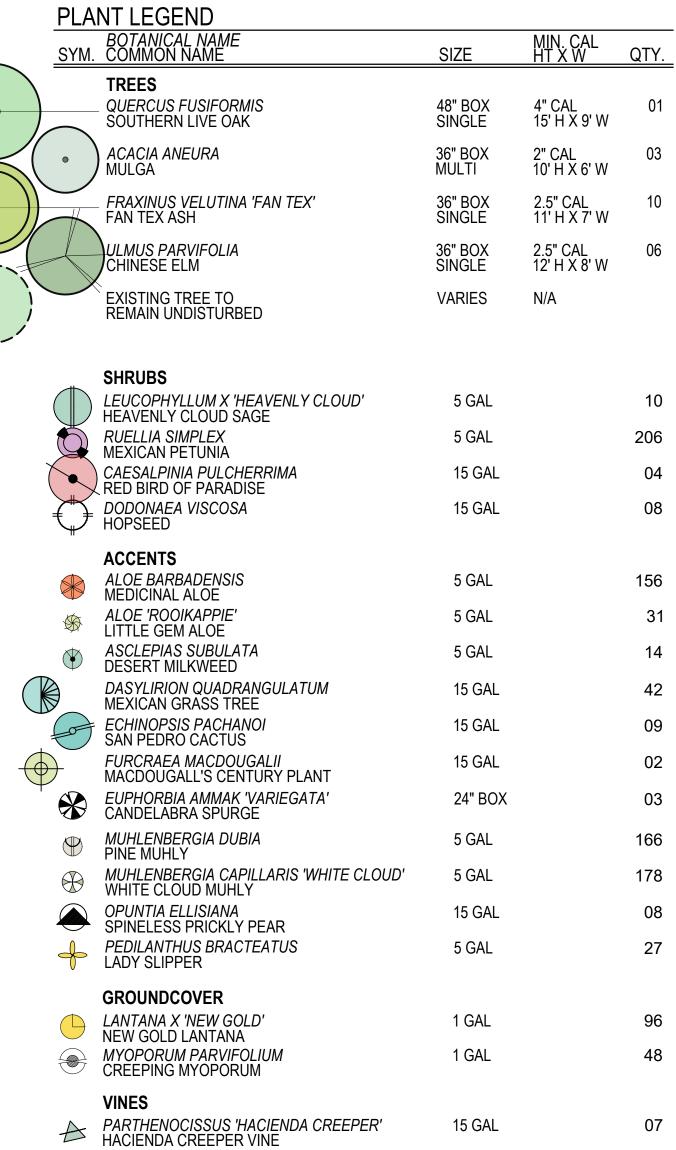


ENLARGED LANDSCAPE PLAN

SHEET NUMBER: L-101

PROJECT NUMBER: DATE: 06/16/2023 20002





NOTE: ALL TREES WITHIN 10' OF UNDERGROUND UTILITIES SHALL HAVE APPROVED ROOT BARRIERS - REFER TO DETAIL 4 / L-201

LANDSCAPE AREA TOPDRESS 10,745 SF SIZE: 1/2" SCREENED | COLOR: PAINTED DESERT (BY: ROCK PROS)



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FLACR associates

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& SITE IMPROVEMENTS
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SCOTTSALE, AZ 85250

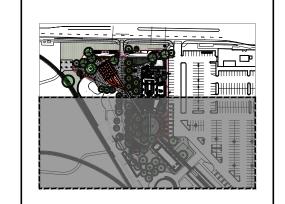


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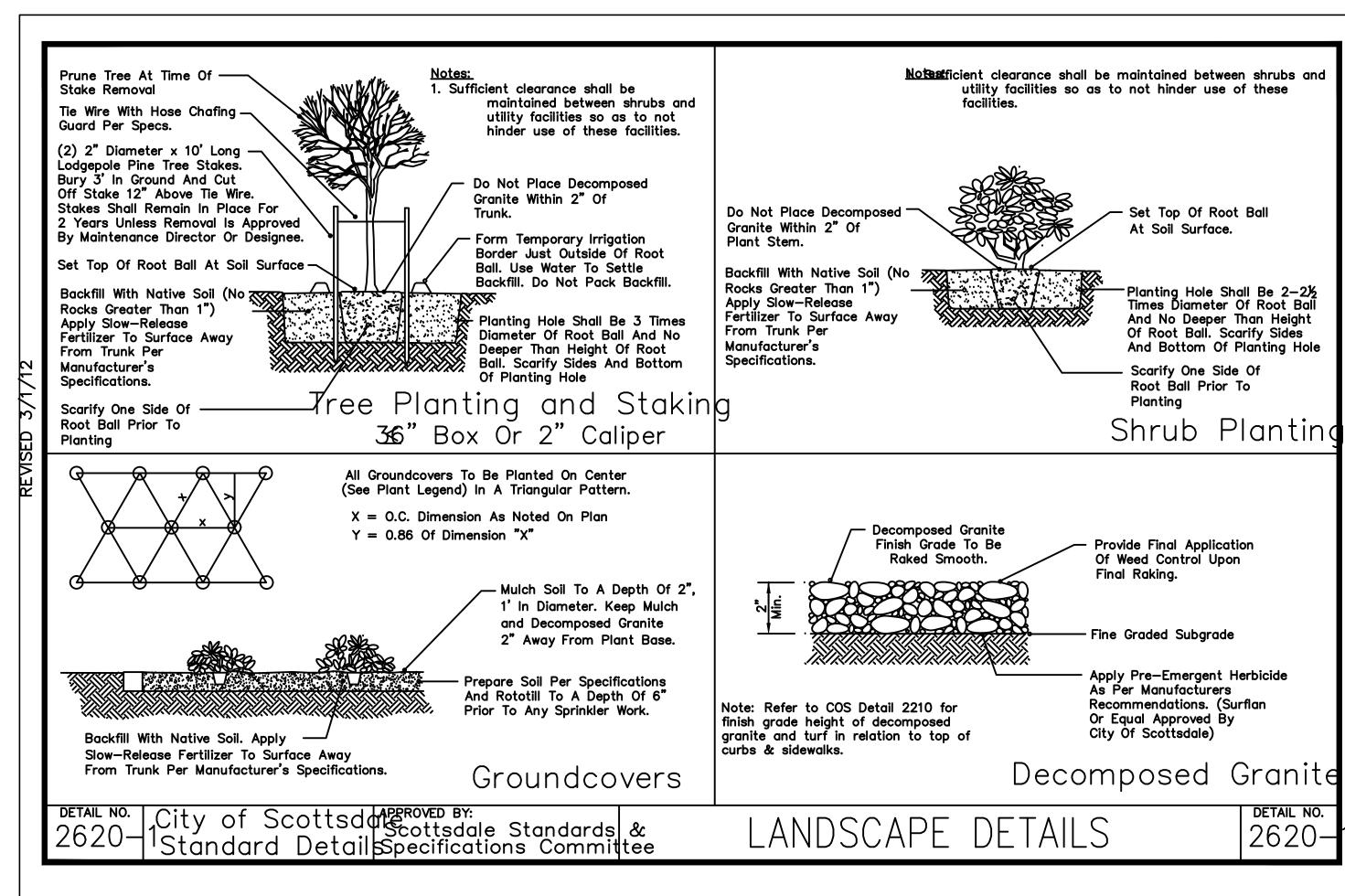
ENLARGED
LANDSCAPE PLAN

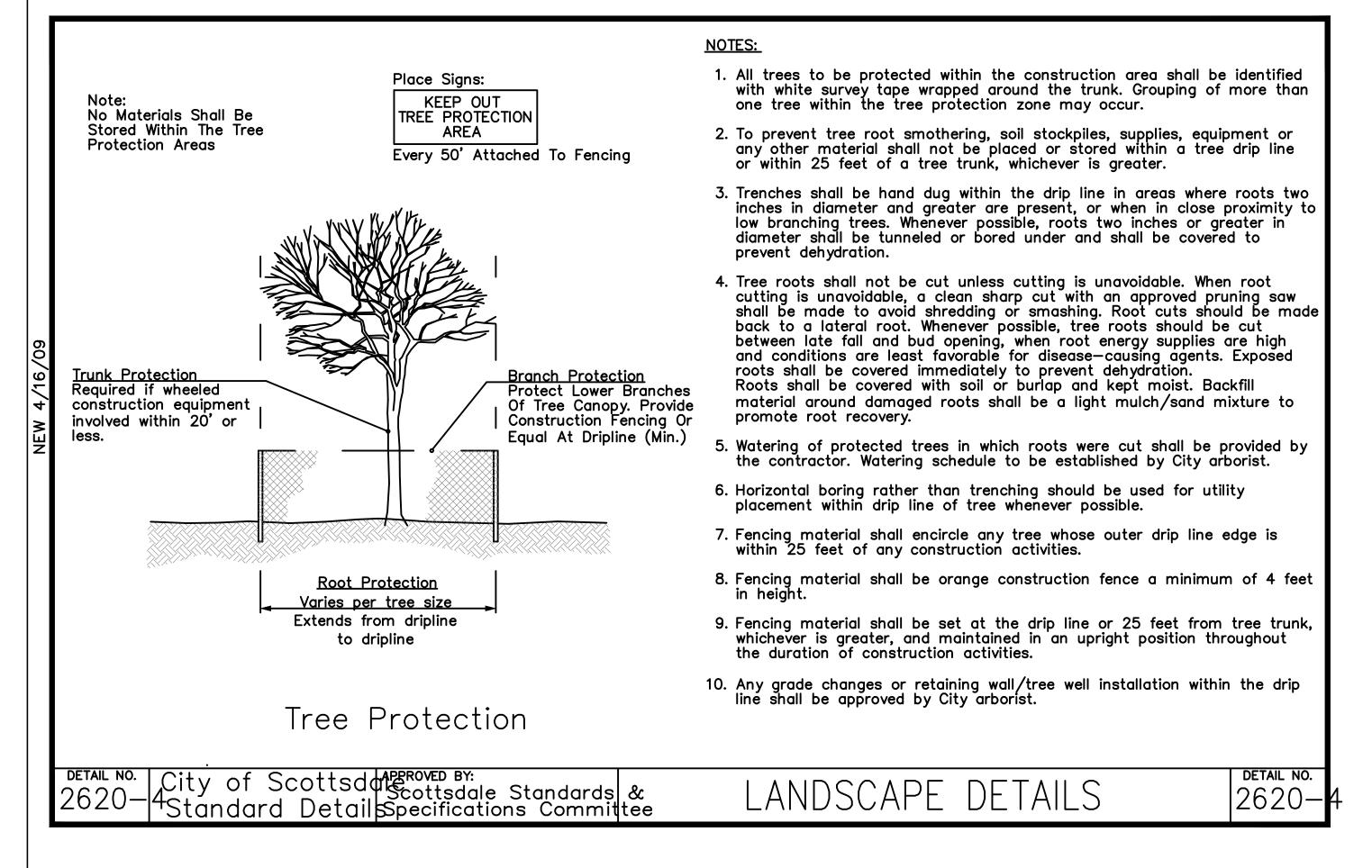
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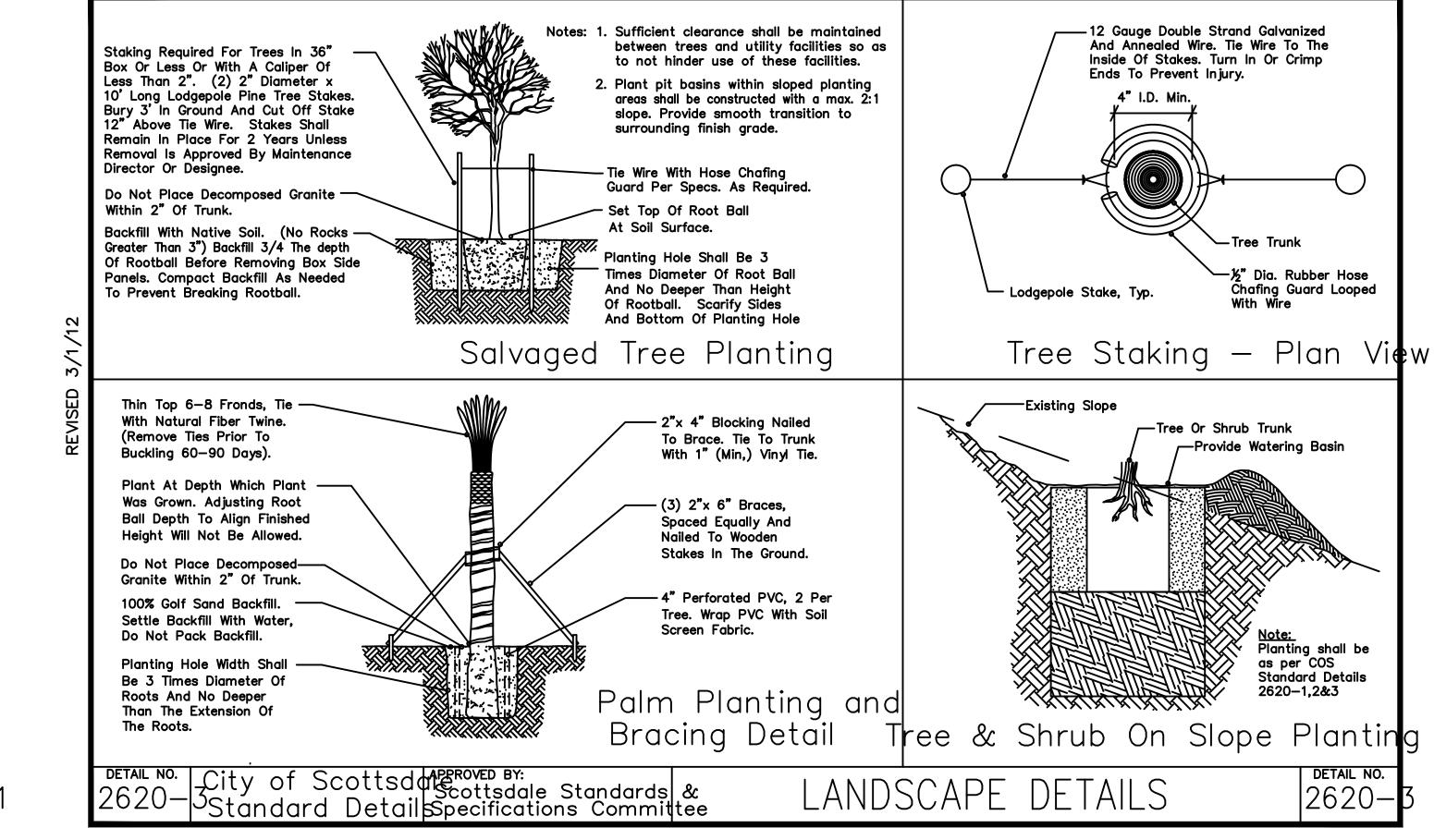
L-102

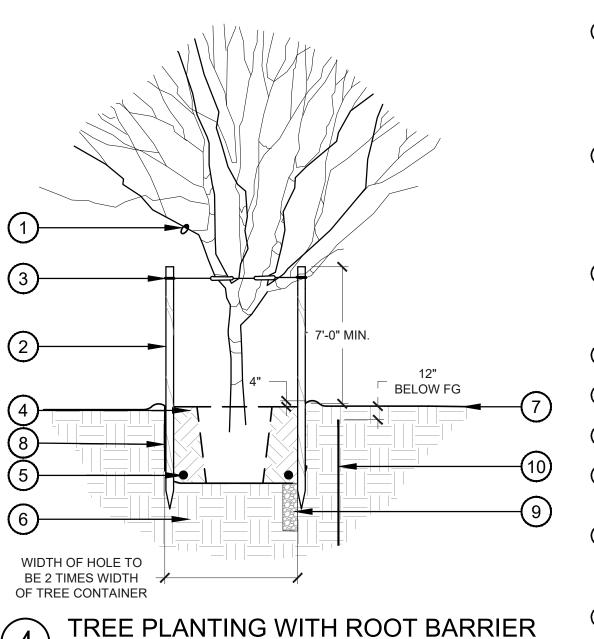
DRAWN BY: REVIEWED BY: KF

DATE: PROJECT NUMBER: 20002









SCALE: NTS

- 1 ALL TREE IDENTIFICATION, TRADEMARK AND SALVAGE TAGS TO REMAIN ON TREE.
- (2) 2 MIN.-2-1/2" DIAMETER X 10'-0" LODGEWOOD POLES, FREE OF KNOTS AND CRACKS- DRIVEN OUTSIDE ROOTBALL INTO SUBGRADE (18" MIN.) PRIOR TO BACKFILLING AS NECESSARY FOR FIRM SUPPORT.
- (3) HOSE ENCASED WIRE OF PLIABLE ZINC-COATED IRON OF #10 GAUGE; PROVIDE A MINIMUM OF TWO PER TREE. HOSE COVERING: TWO-PLY REINFORCED. RUBBER GARDEN HOSE MINIMUM OF 1/2" DIAMETER.
- (4) BACKFILL W/ SPECIFIED SOIL MIX PER SPECIFICATIONS - WATER & TAMP TO REMOVE AIR POCKETS.
- (5) PLANT TABS PER SPECIFICATIONS.
- (6) SUBSOIL.
- (7) FINISH GRADE.
- (8) SCARIFY SIDES OF PLANTING HOLE TO PREVENT GLAZING.
- (9) 8" WIDE X 5' DEEP AUGER DUG WELL W/ 1-2" DIAMETER CRUSHED ROCK FOR DRAINAGE WHEN IN HARDPAN CONDITIONS.
- (10) UB 36-2/UB 48-2 SPECIFICATIONS 36" AND 48" DEEPROOT® TREE ROOT BARRIER INSTALL FOR ALL TREES WITHIN 10'-0" OF UNDERGROUND WET OR DRY UTILITIES



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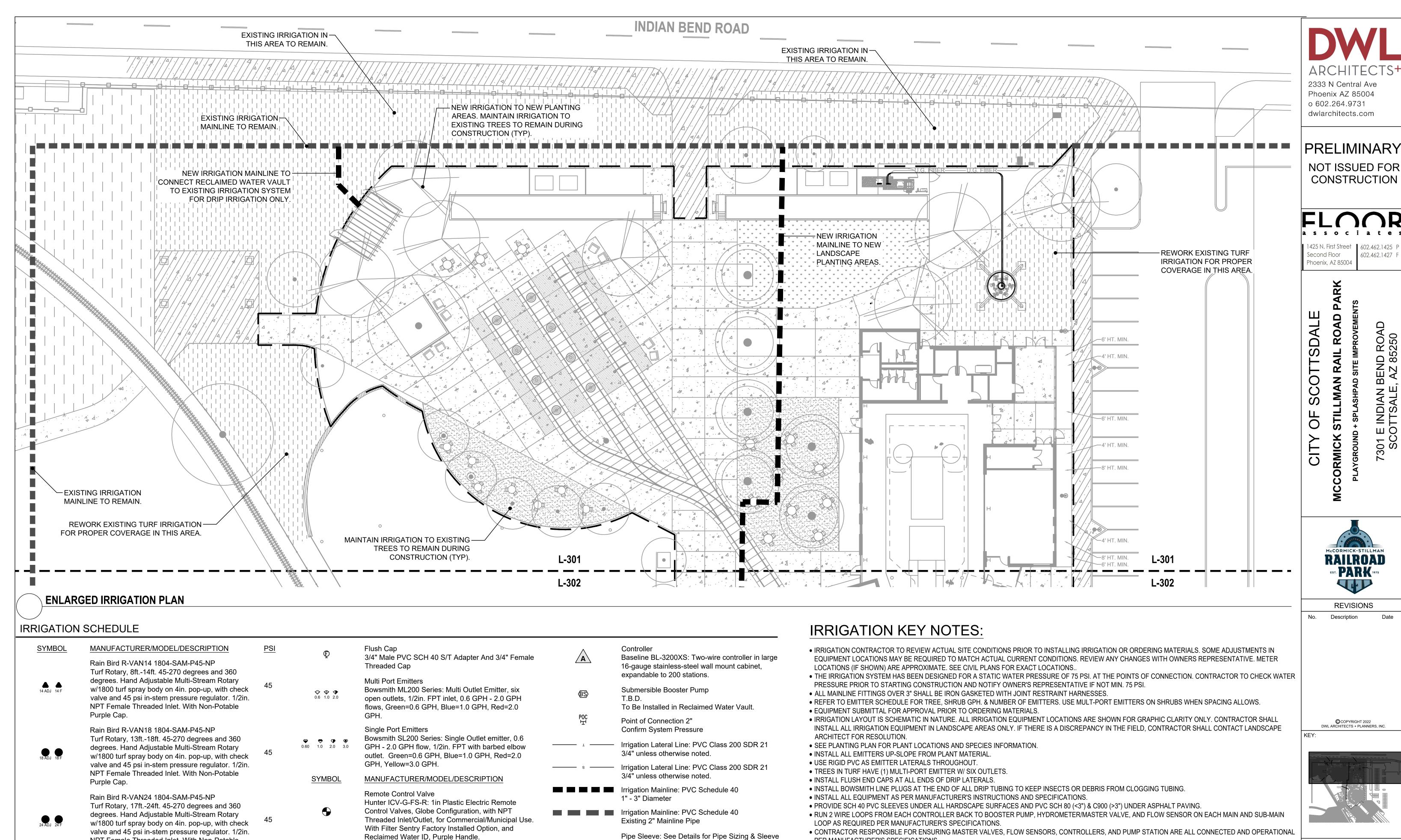
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LANDSCAPE **DETAILS**

SHEET NUMBER:

L-201 REVIEWED BY: SO / IK PROJECT NUMBER: 06/16/2023 20002



======= Schedule.

sleeved.

Valve Number

Valve Callout

♦ \ # •——— Valve Flow

Twice the nominal diameter of the pipe being

VALVE TYPE:

T=TREE, S=SHRUB,

TT=TREES IN TURF.

P=PALM, A=ANNUALS,

SP=SPRINKLER,

ABD=ABANDON

Quick Coupler

C-509/515

IC-10

Rain Bird 44-LRC: 1" Brass Quick-Coupling Valve,

Locking Thermoplastic Rubber Cover, and 2-Piece

with Corrosion-Resistant Stainless Steel Spring,

Isolation Gate Valve (Same Size as Pipe)

American Flow Control: 2500 Series - AWWA

Crispin AL Series Air and Vacuum Release Valve:

Body. In Carson #910 Valve Box

Air/ Vacuum Relief Valve 1"

PER MANUFACTURER'S SPECIFICATIONS.

PUMP AND RECLAIMED WATER SYSTEM FOR DRIP SYSTEM ONLY.

LANDSCAPE PLANTERS. NO VALVES TO BE INSTALLED IN TURF.

• CONTRACTOR TO PROVIDE ELECTRICAL POWER TO BOOSTER PUMP LOCATION PER MANUFACTURE'S SPECIFICATIONS AND ENSURE THAT SYSTEM ENGAGES

• ALL IRRIGATION EQUIPMENT TO BE INSTALLED IN COMMON AREA LANDSCAPE PLANTER AREAS, NOT IN PRIVATE YARDS, REGARDLESS OF WHAT IS SHOWN ON

NORTH

PLANS. IRRIGATION PLANS ARE SCHEMATIC AND NATURE AND DUE TO SCALE, EQUIPMENT IS SOMETIMES SHOWN IN AREAS THAT ARE NOT COMMON AREA

NPT Female Threaded Inlet. With Non-Potable

Hunter ICV-G-FS-R: 1in Plastic Electric Remote

Threaded Inlet/Outlet, for Commercial/Municipal Use.

Reclaimed Water ID. Purple Handle, Basket Strainer:

PRLV40M4F4FV, 150 Stainless Steel Mesh w/ Flush

Mueller - 304, Stainless Steel w/ .125 Perforations.

Control Valves, Globe Configuration, with NPT

With Filter Sentry Factory Installed Option, and

Drip Valve Pressure Reducer: Senninger -

MANUFACTURER/MODEL/DESCRIPTION

Purple Cap.

Drip Valve Assembly

SYMBOL

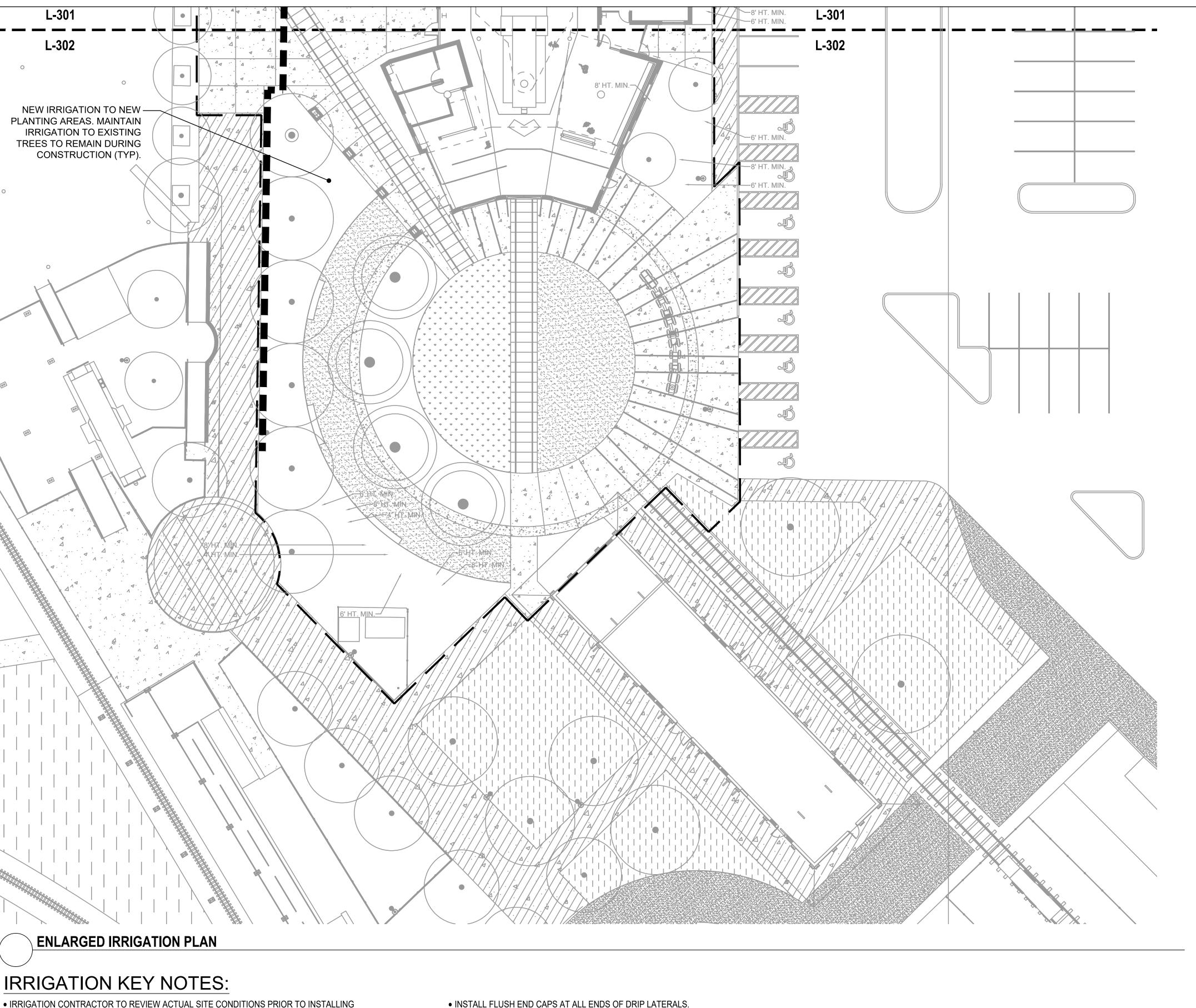
ENLARGED IRRIGATION PLAN

Date

SHEET NUMBER:

1/16"=1'-0"

L-301 REVIEWED BY: TEAM PROJECT NUMBER: 06/16/23



- IRRIGATION OR ORDERING MATERIALS. SOME ADJUSTMENTS IN EQUIPMENT LOCATIONS MAY BE REQUIRED TO MATCH ACTUAL CURRENT CONDITIONS. REVIEW ANY CHANGES WITH OWNERS REPRESENTATIVE. METER LOCATIONS (IF SHOWN) ARE APPROXIMATE. SEE CIVIL PLANS FOR
- THE IRRIGATION SYSTEM HAS BEEN DESIGNED FOR A STATIC WATER PRESSURE OF 75 PSI. AT THE POINTS OF CONNECTION. CONTRACTOR TO CHECK WATER PRESSURE PRIOR TO STARTING CONSTRUCTION AND NOTIFY OWNER'S REPRESENTATIVE IF NOT MIN. 75 PSI.
- ALL MAINLINE FITTINGS OVER 3" SHALL BE IRON GASKETED WITH JOINT RESTRAINT HARNESSES. • REFER TO EMITTER SCHEDULE FOR TREE, SHRUB GPH. & NUMBER OF EMITTERS. USE MULT-PORT EMITTERS ON SHRUBS WHEN SPACING ALLOWS.
- EQUIPMENT SUBMITTAL FOR APPROVAL PRIOR TO ORDERING MATERIALS.
- IRRIGATION LAYOUT IS SCHEMATIC IN NATURE. ALL IRRIGATION EQUIPMENT LOCATIONS ARE SHOWN FOR GRAPHIC CLARITY ONLY. CONTRACTOR SHALL INSTALL ALL IRRIGATION EQUIPMENT IN LANDSCAPE AREAS ONLY. IF THERE IS A DISCREPANCY IN THE FIELD, CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT FOR RESOLUTION.
- SEE PLANTING PLAN FOR PLANT LOCATIONS AND SPECIES INFORMATION.
- INSTALL ALL EMITTERS UP-SLOPE FROM PLANT MATERIAL.

TREES IN TURF HAVE (1) MULTI-PORT EMITTER W/ SIX OUTLETS.

• USE RIGID PVC AS EMITTER LATERALS THROUGHOUT.

- INSTALL FLUSH END CAPS AT ALL ENDS OF DRIP LATERALS.
- INSTALL BOWSMITH LINE PLUGS AT THE END OF ALL DRIP TUBING TO KEEP INSECTS OR DEBRIS FROM CLOGGING TUBING.
- INSTALL ALL EQUIPMENT AS PER MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS.
- PROVIDE SCH 40 PVC SLEEVES UNDER ALL HARDSCAPE SURFACES AND PVC SCH 80 (<3") & C900 (>3") UNDER ASPHALT PAVING.
- RUN 2 WIRE LOOPS FROM EACH CONTROLLER BACK TO BOOSTER PUMP, HYDROMETER/MASTER VALVE, AND FLOW SENSOR ON EACH MAIN AND SUB-MAIN LOOP AS REQUIRED PER MANUFACTURER'S SPECIFICATIONS.
- CONTRACTOR RESPONSIBLE FOR ENSURING MASTER VALVES, FLOW SENSORS, CONTROLLERS, AND PUMP STATION ARE ALL CONNECTED AND OPERATIONAL PER MANUFACTURER'S SPECIFICATIONS.
- CONTRACTOR TO PROVIDE ELECTRICAL POWER TO BOOSTER PUMP LOCATION PER MANUFACTURE'S SPECIFICATIONS AND ENSURE THAT SYSTEM ENGAGES PUMP AND RECLAIMED WATER SYSTEM FOR DRIP SYSTEM ONLY.
- ALL IRRIGATION EQUIPMENT TO BE INSTALLED IN COMMON AREA LANDSCAPE PLANTER AREAS, NOT IN PRIVATE YARDS, REGARDLESS OF WHAT IS SHOWN ON PLANS. IRRIGATION PLANS ARE SCHEMATIC AND NATURE AND DUE TO SCALE, EQUIPMENT IS SOMETIMES SHOWN IN AREAS THAT ARE NOT COMMON AREA LANDSCAPE PLANTERS. NO VALVES TO BE INSTALLED IN TURF.

IRRIGATION SCHEDULE

MANUFACTURER/MODEL/DESCRIPTION

24 AD.I 24 F

Rain Bird R-VAN14 1804-SAM-P45-NP Turf Rotary, 8ft.-14ft. 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 turf spray body on 4in. pop-up, with check

valve and 45 psi in-stem pressure regulator. 1/2in. NPT Female Threaded Inlet. With Non-Potable Purple Cap.

Rain Bird R-VAN18 1804-SAM-P45-NP

Turf Rotary, 13ft.-18ft. 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 turf spray body on 4in. pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2in. NPT Female Threaded Inlet. With Non-Potable Purple Cap.

Rain Bird R-VAN24 1804-SAM-P45-NP Turf Rotary, 17ft.-24ft. 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 turf spray body on 4in. pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2in.

NPT Female Threaded Inlet. With Non-Potable Purple Cap.

MANUFACTURER/MODEL/DESCRIPTION

Drip Valve Assembly Hunter ICV-G-FS-R: 1in Plastic Electric Remote Control Valves, Globe Configuration, with NPT Threaded Inlet/Outlet, for Commercial/Municipal Use. With Filter Sentry Factory Installed Option, and Reclaimed Water ID, Purple Handle. Basket Strainer: Mueller - 304, Stainless Steel w/ .125 Perforations.

Drip Valve Pressure Reducer: Senninger -PRLV40M4F4FV, 150 Stainless Steel Mesh w/ Flush

Flush Cap 3/4" Male PVC SCH 40 S/T Adapter And 3/4" Female

Multi Port Emitters Bowsmith ML200 Series: Multi Outlet Emitter, six **♦ ♦ ♦** 0.6 1.0 2.0 open outlets, 1/2in. FPT inlet, 0.6 GPH - 2.0 GPH flows, Green=0.6 GPH, Blue=1.0 GPH, Red=2.0

Threaded Cap

Single Port Emitters Bowsmith SL200 Series: Single Outlet emitter, 0.6 GPH - 2.0 GPH flow, 1/2in. FPT with barbed elbow outlet. Green=0.6 GPH, Blue=1.0 GPH, Red=2.0

GPH, Yellow=3.0 GPH.

Remote Control Valve

Hunter ICV-G-FS-R: 1in Plastic Electric Remote Control Valves, Globe Configuration, with NPT Threaded Inlet/Outlet, for Commercial/Municipal Use. With Filter Sentry Factory Installed Option, and Reclaimed Water ID, Purple Handle.

MANUFACTURER/MODEL/DESCRIPTION

Quick Coupler Rain Bird 44-LRC: 1" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Thermoplastic Rubber Cover, and 2-Piece

Body. In Carson #910 Valve Box Isolation Gate Valve (Same Size as Pipe) American Flow Control: 2500 Series - AWWA C-509/515

Air/ Vacuum Relief Valve 1" Crispin AL Series Air and Vacuum Release Valve: IC-10

Controller

Baseline BL-3200XS: Two-wire controller in large 16-gauge stainless-steel wall mount cabinet, expandable to 200 stations.

Submersible Booster Pump T.B.D.

To Be Installed in Reclaimed Water Vault. Point of Connection 2"

Confirm System Pressure ----- Irrigation Lateral Line: PVC Class 200 SDR 21

3/4" unless otherwise noted.

----- s ----- Irrigation Lateral Line: PVC Class 200 SDR 21 3/4" unless otherwise noted.

Irrigation Mainline: PVC Schedule 40 Existing 2" Mainline Pipe

Irrigation Mainline: PVC Schedule 40

1" - 3" Diameter

Pipe Sleeve: See Details for Pipe Sizing & Sleeve ---- Schedule

Twice the nominal diameter of the pipe being sleeved.

Valve Callout — Valve Number ___ Valve Flow #"● / # • Valve Type

VALVE TYPE: T=TREE, S=SHRUB, TT=TREES IN TURF P=PALM, A=ANNUALS, ABD=ABANDON

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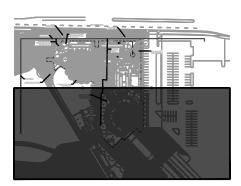
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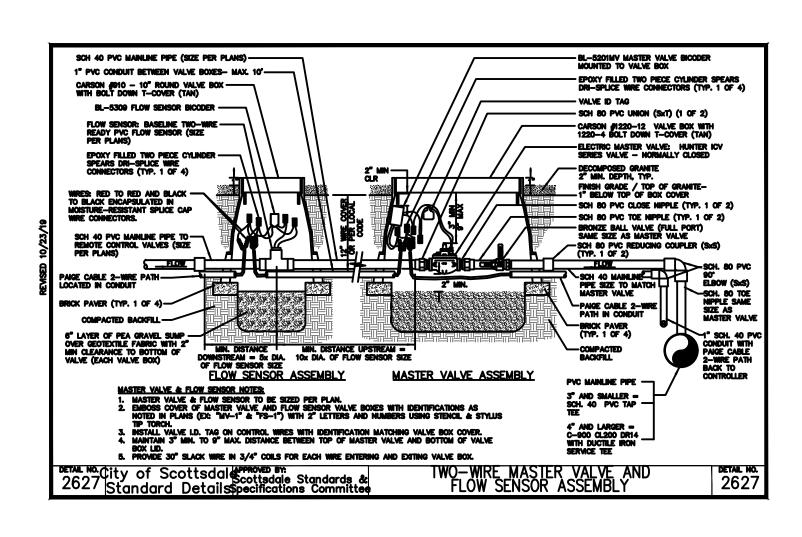
IRRIGATION PLAN

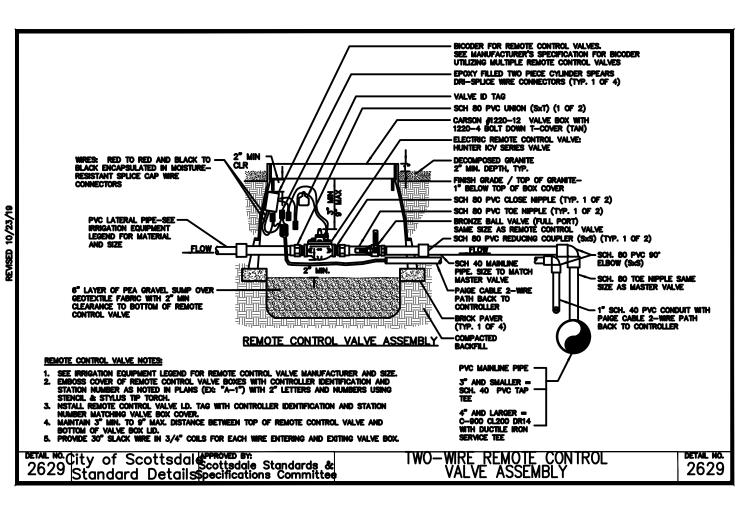
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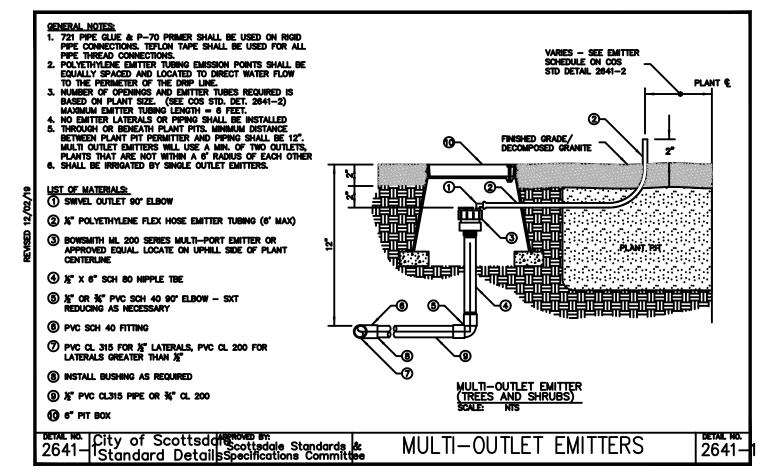
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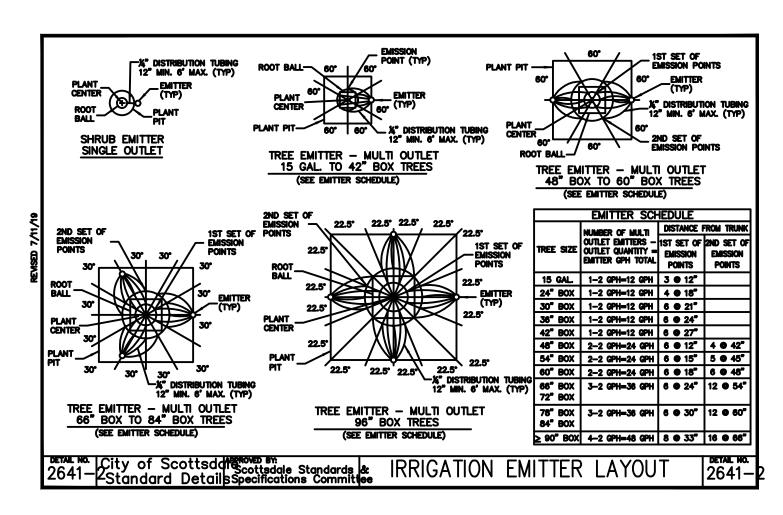
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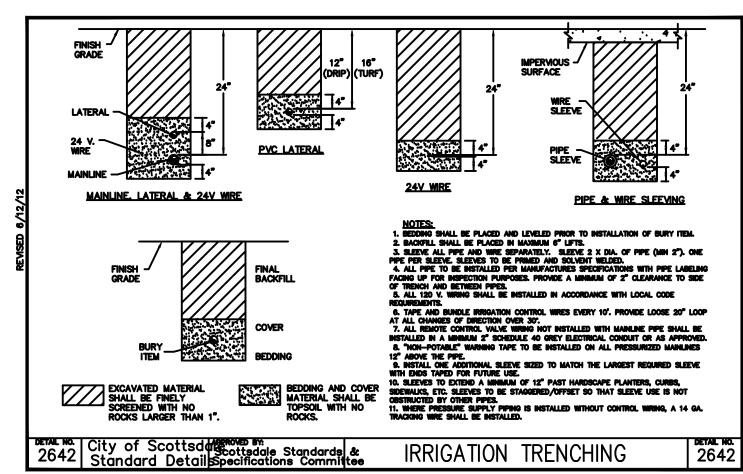


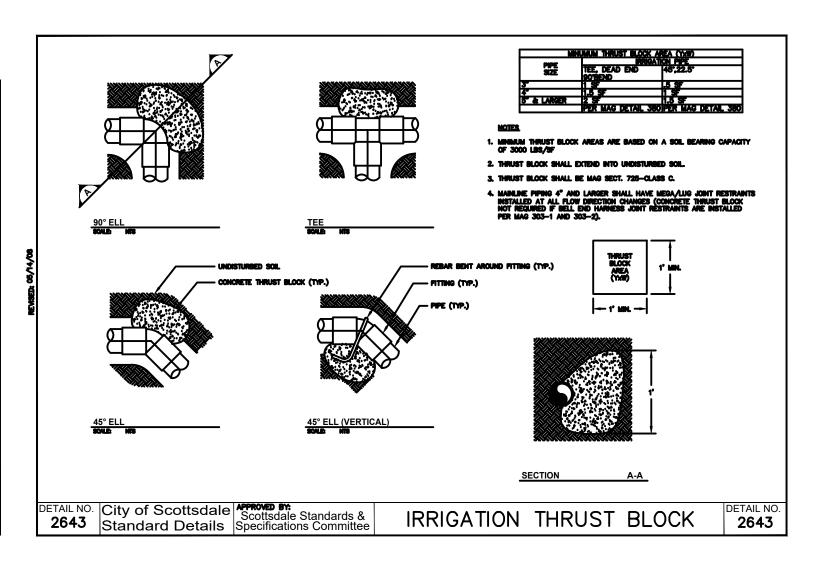


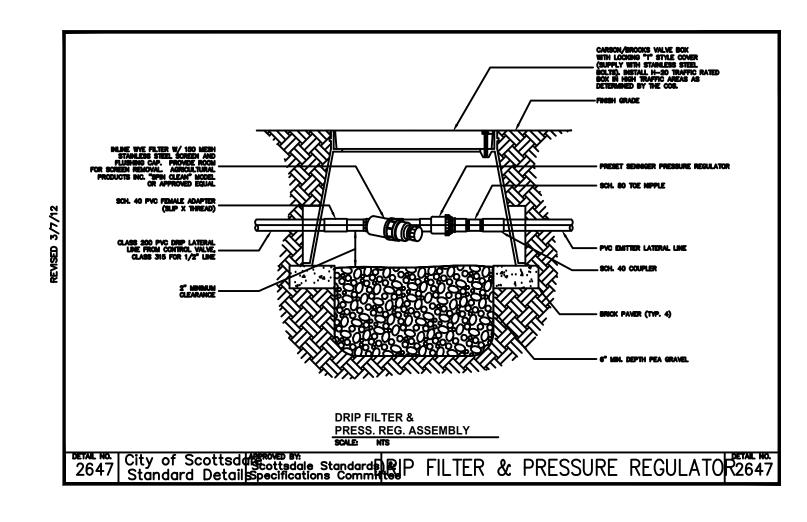


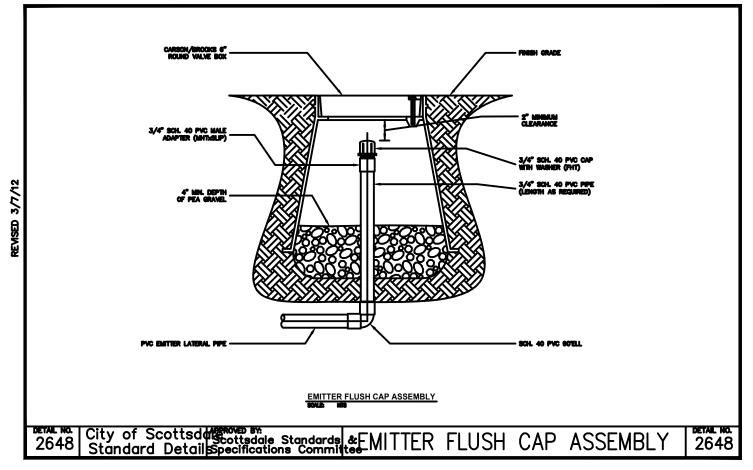


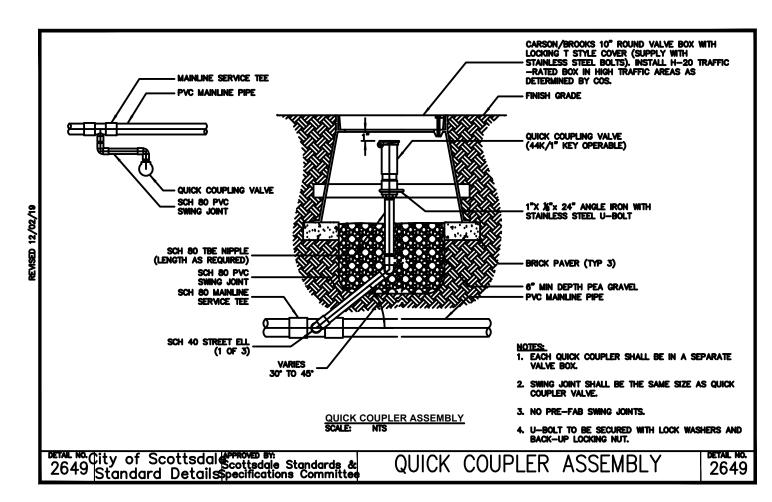














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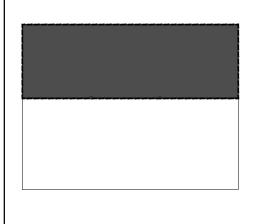


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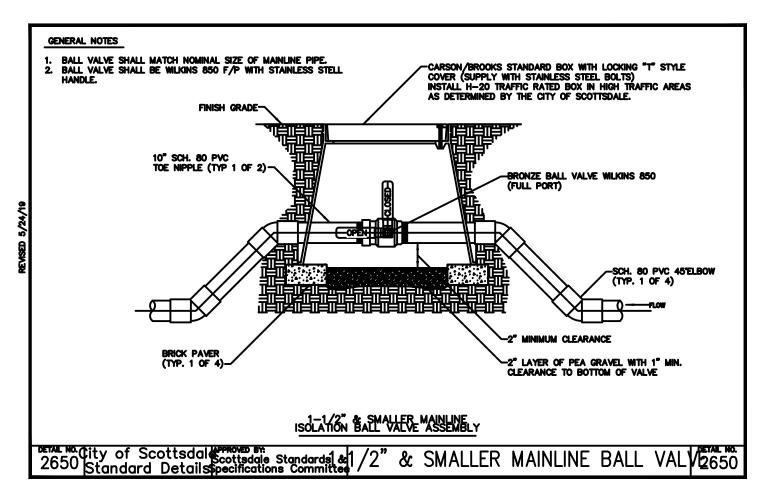


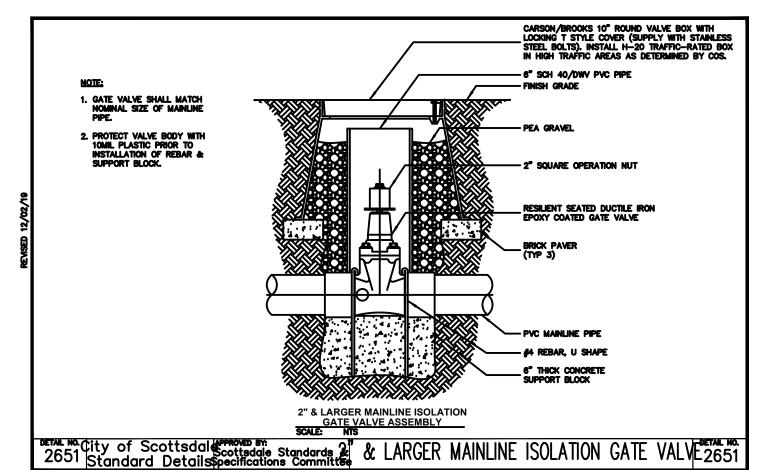
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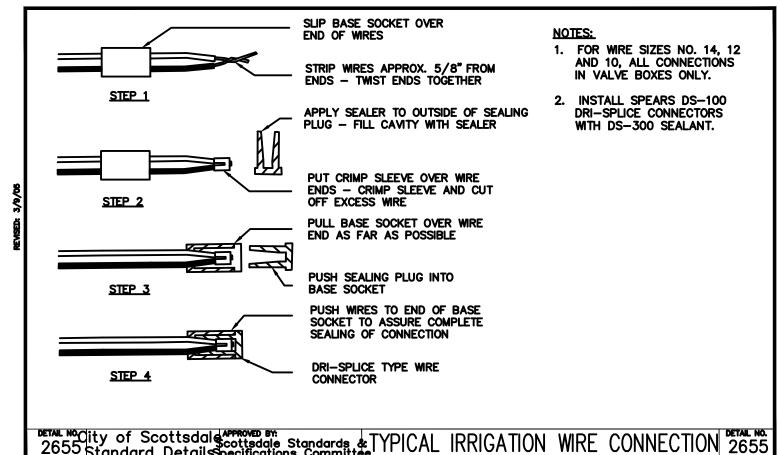
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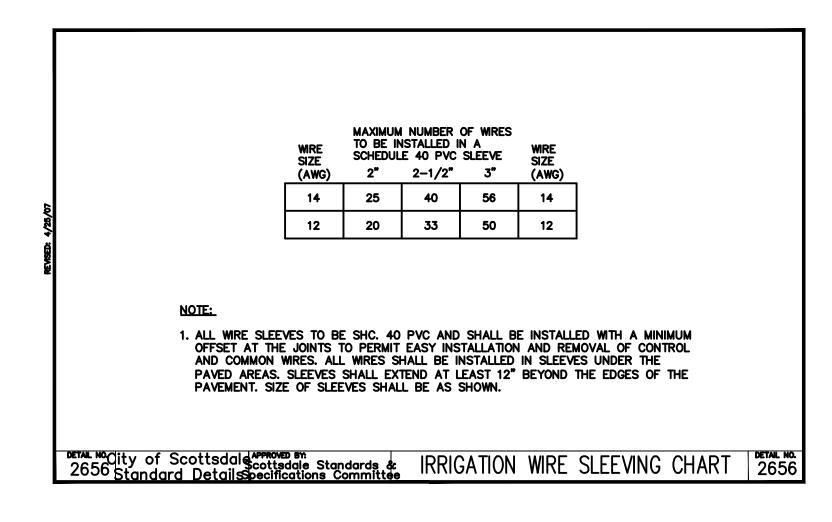
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