

CITY OF MESA NOTES

1. REQUIRED TREES SHALL BE MINIMUM SIZE AS SPECIFIED IN THE ARIZONA NURSERY ASSOCIATION "RECOMMENDED TREE SPECIFICATIONS" LATEST EDITION. 11-33-2(B)2
2. ALL LANDSCAPE MATERIAL INSTALLED SHALL BE MAINTAINED BY OWNER / OR LESSEE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN. 11-33-2(I) 2&3
3. LANDSCAPE SHALL BE MAINTAINED USING A "NATURAL" MAINTENANCE PROGRAM AND SHALL BE MAINTAINED IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICE OF THE LANDSCAPING INDUSTRY. 11-33-2(I)4
4. ALL TREES AND SHRUBS LOCATED IN THE LINE -OF-SIGHT WILL BE MAINTAINED FOR A CLEAR AREA BETWEEN 3' TO 7'.
5. REQUIRED LANDSCAPE AREAS SHALL BE FREE FROM ENCROACHMENT BY ANY USE, STRUCTURE, VEHICLE OR FEATURE NOT A PART OF THE LANDSCAPING DESIGN. 11-33-3(A)
6. BACKFLOW PREVENTER 2" OR LARGER SHALL BE SCREENED WITH LANDSCAPE MATERIAL LOCATED WITHIN A 6' RADIUS OF THE BACKFLOW PREVENTER. ALL BACKFLOW PREVENTER LESS THAN 2" SHALL BE PLACED IN A WIRE MESH BASKET AND PAINTED GREEN.

PLANTING NOTES

1. THE LANDSCAPE CONTRACTOR SHALL FURNISH AND PROVIDE ALL MATERIALS, EQUIPMENT, LABOR, AND INCIDENTALS NECESSARY TO INSTALL ALL LANDSCAPE MATERIALS AS INDICATED ON PLAN OR AS SPECIFIED.
2. ANY AND ALL SUBSTITUTIONS AND/OR FIELD CHANGES SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
3. ALL PLANTS SHALL BE NURSERY GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE PROJECT. ALL PLANTS SHALL MEET A.N.A. SIZE SPECIFICATIONS.
4. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PLANTS AND MATERIALS SHOWN ON PLAN. THE QUANTITIES LISTED ON THE PLANT MATERIAL LIST ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY.
5. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REFUSE ANY MATERIAL HE DEEMS UNACCEPTABLE.
6. SUBMIT WRITTEN GUARANTEES, 'AS-BUILTS' DRAWINGS AND COMPLETE MAINTENANCE INSTRUCTIONS ON THE CARE AND FEEDING OF THE PLANTS TO THE OWNER'S REPRESENTATIVE.
7. SUBMIT DECOMPOSED GRANITE SAMPLES TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION.
8. THE LANDSCAPE CONTRACTOR SHALL REVIEW THIS WORK WITH THE OWNER'S REPRESENTATIVE PRIOR TO STARTING ANY WORK.
9. THE LANDSCAPE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS PRIOR TO START OF ANY WORK AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR CLARIFICATION. DO NOT START ANY WORK UNTIL UNSATISFACTORY CONDITIONS ARE CORRECTED.
10. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE FOR A PERIOD OF 90 CALENDAR DAYS FROM DATE OF APPROVED SUBSTANTIAL COMPLETION OF THE PROJECT BY OWNER'S REPRESENTATIVE..
11. GUARANTEE ALL PLANTS TO BE ALIVE AND IN HEALTHY, VIGOROUS CONDITION FOR A PERIOD OF 1 YEAR AFTER FINAL ACCEPTANCE OF THE PROJECT BY THE OWNER'S REPRESENTATIVE.
12. ALL WEEDS AND UNWANTED GRASSES SHALL BE TREATED WITH A NON-TOXIC HERBICIDE PER MANUFACTURER'S INSTRUCTIONS AND REMOVED. RE-APPLY AS NECESSARY. REMOVE ALL DEBRIS FROM SITE. HERBICIDE SHALL NOT CONTAIN GLYPHOSATE
13. BACKFILL ALL PLANT PITS WITH A MIXTURE OF 2 PARTS NATIVE SOIL AND 1 PART NITROGENIZED WOOD MULCH.
14. ADD 'AGRIFORM' FERTILIZER TABLETS (20-10-5), AT THE FOLLOWING RATES:
BOXED PLANTS - 6 TABLETS
15 GALLON PLANTS - 4 TABLETS
5 GALLON PLANTS - 4 TABLETS
1 GALLON PLANTS - 1 TABLETS
15. UNLESS OTHERWISE NOTED ON PLANS, DECOMPOSED GRANITE SHALL EXTEND UNDER SHRUBS GROUND COVER AND RAKED UNIFORMLY ALONG WALLS, SIDEWALKS, AND CURBS.
16. SEE ENGINEERING DRAWINGS FOR DRAINAGE FLOWS. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE THAT THESE ARE PROVIDED AND NOT IMPAIRED BY OBSTRUCTIONS.
17. FINISH GRADE OF ALL DECOMPOSED GRANITE AREAS, (TOP OF FINISHED MATERIAL), SHALL BE 3/4" BELOW ADJACENT PAVING / CURB.
18. THE LANDSCAPE CONTRACTOR SHALL WATER TEST ALL PLANTING HOLES PRIOR TO PLANTING. IF HOLES DO NOT DRAIN PROPERLY, EXCAVATE FURTHER UNTIL IMPERMEABLE LAYER IS BREACHED.
19. STAKE ALL TREES OUTSIDE ROOTBALL.
20. THE LANDSCAPE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE PRIOR TO EACH APPLICATION OF PRE-EMERGENT FOR VERIFICATION.
21. REMOVE ALL WASTE MATERIAL AND LEGALLY DISPOSE OF OFF-SITE.
22. THE OWNER'S REPRESENTATIVE SHALL BE GIVEN 4 DAYS NOTICE PRIOR TO THE FOLLOWING:
- UPON INSTALLATION OF THE IRRIGATION SYSTEM, PRIOR TO BACKFILLING TRENCHES
- AFTER SPOTTING LOCATIONS, BUT PRIOR TO INSTALLING PLANT MATERIAL
- UPON COMPLETION OF ALL WORK

PLANT LIST

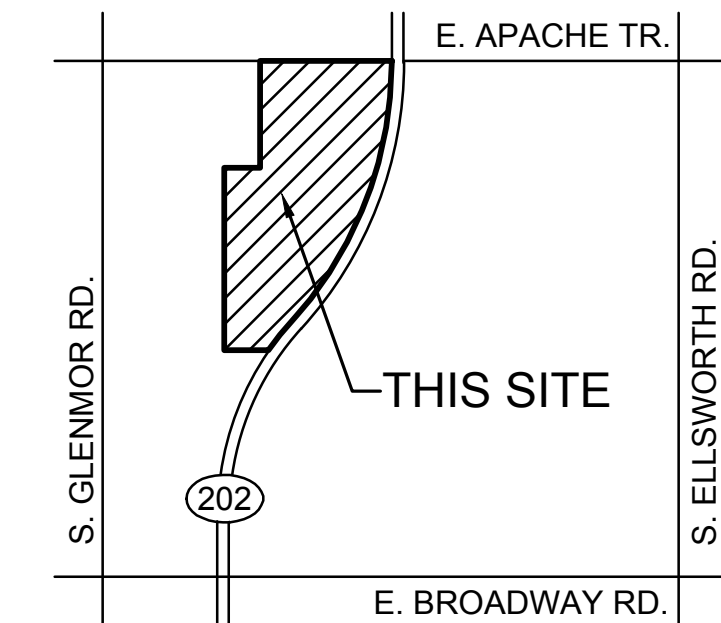
SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	QTY.	REMARKS
TREES:				
	ACACIA SALICINA WILLOW ACACIA	24" BOX	10	7'-8"HX2.5'-3.5"WX1.25"-1.5"CAL.
	CERCIDIUM HYBRID 'AZT' THORNLESS PALO VERDE	36" BOX	9	8'-10"HX5'-7"WX1.75"-2.25"CAL.
	PROSOPIS THORNLESS HYBRID 'AZT' AZT THORNLESS MESQUITE	24" BOX	12	5'-7"HX6'-7"WX1.25"-1.5"CAL.
SHRUBS:				
	AMBROSIA DELTOIDEA TRIANGLE-LEAF BURSAGE	5 GALLON	12	
	CAESALPINIA PULCHERRIMA RED BIRD OF PARADISE	5 GALLON	39	
	ENCELIA FARINOSA BRITTLE BUSH	5 GALLON	41	
	JUSTICIA CALIFORNICA CHUPAROSA	5 GALLON	30	
	LARREA TRIDENTATA CREOSOTE	5 GALLON	26	
	LEUCOPHYLLUM FRUTESCENS 'GREEN CLOUD' GREEN CLOUD SAGE	5 GALLON	40	
	RUPELLIA PENINSULARIS BAJA RUELLIA	5 GALLON	80	
ACCENTS / CACTUS:				
	OPUNTIA ENGELMANNII ENGELMANN'S PRICKLY PEAR	5 GALLON	34	3 PAD MIN.
	OPUNTIA FICUS-INDICA INDIAN FIG PRICKLY PEAR	5 GALLON	16	3 PAD MIN.
DECOMPOSED GRANITE:				
AS NOTED	"DATE CREEK GOLD"	3/4" SCREENED		ALL LANDSCAPE AREAS TO RECEIVE A 2" LAYER OF DECOMPOSED GRANITE UNLESS OTHERWISE NOTED ON PLAN
	"DATE CREEK GOLD"	1/4" MINUS		AREAS TO RECEIVE A 2" LAYER OF DECOMPOSED GRANITE FOR DUST CONTROL WHERE SHOWN ON SHEET L3

DUST CONTROL

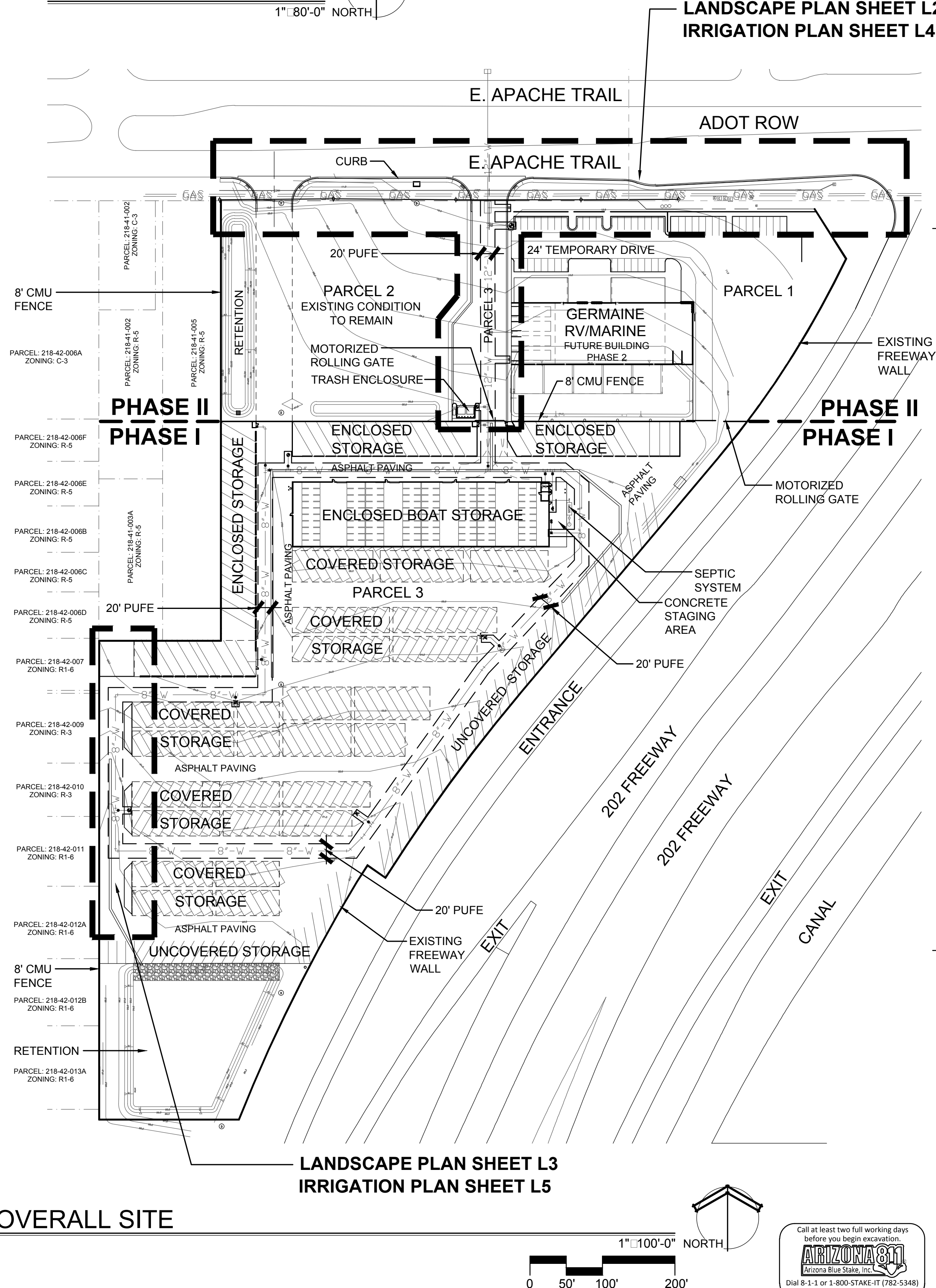
ALL LANDSCAPE AREAS, RETENTION AREAS, AND 24' TEMPORARY DRIVE SHALL BE TOP DRESSED WITH A 2" MINIMUM LAYER OF 1/4" MINUS 'DATE CREEK GOLD' DECOMPOSED GRANITE FOR DUST CONTROL.

LANDSCAPE CALCULATIONS

R.O.W.	REQUIRED	PROVIDED
TREES: 1 PER 25 L.F. OF STREET FRONTAGE	33	33
SHRUBS: 6 PER 25 L.F. OF STREET FRONTAGE	198	218
PERIMETER LANDSCAPE		
TREES: 3 PER 100 L.F. OF PERIMETER	N/A	N/A
SHRUBS: 20 PER 100 L.F. OF PERIMETER	N/A	N/A
PARKING LOT ISLAND		
TREES: 1 PER PARKING ISLAND	7	9
SHRUBS: 3 PER PARKING ISLAND	21	48
FOUNDATION PLANTING		
TREES: 1 PER 50 L.F. OF BUILDING	N/A	N/A
SHRUBS PROVIDED FOR BUILDING FOUNDATION PLANTING	N/A	N/A
TEMPORARY 5' ENTRY DRIVE LANDSCAPE		
SHRUBS: 1 PER 15 L.F. OF DRIVE	45	52
PLANT SIZES		
TREES 36" BOX (25% STREET FRONTAGE TREES)	9	9
TREES 24" BOX OR LARGER (50% REQUIRED TREES)	20	42
SHRUBS 50% (5 GALLON)	110	318



VICINITY MAP



OVERALL SITE

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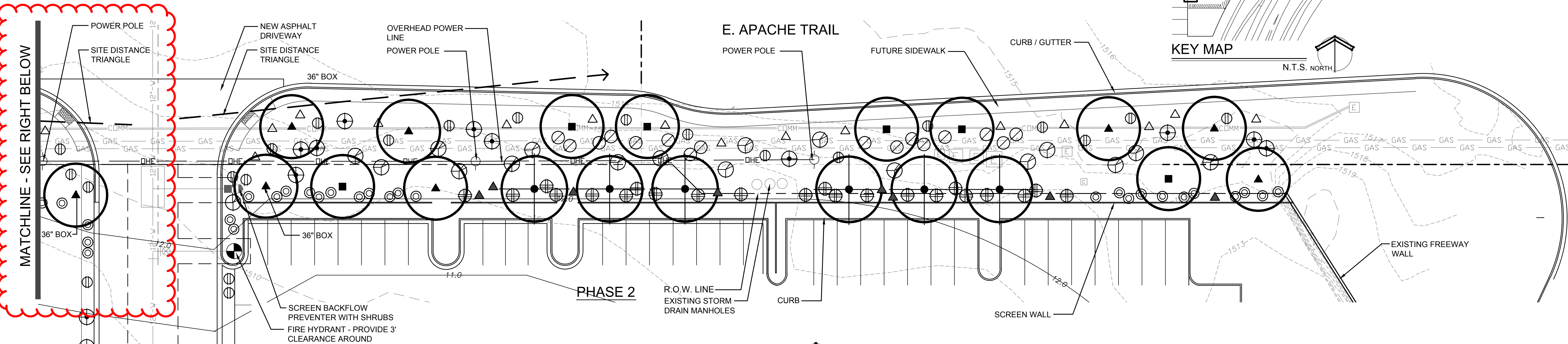
SPECTRUM ENGINEERS
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#	DESCRIPTION	DATE
	PERMIT SET	
	4TH SUBMITTAL	12/10/18

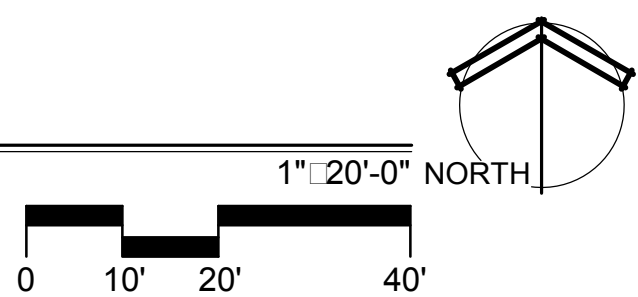
LANDSCAPE
COVER SHEET

L1
1 OF 6

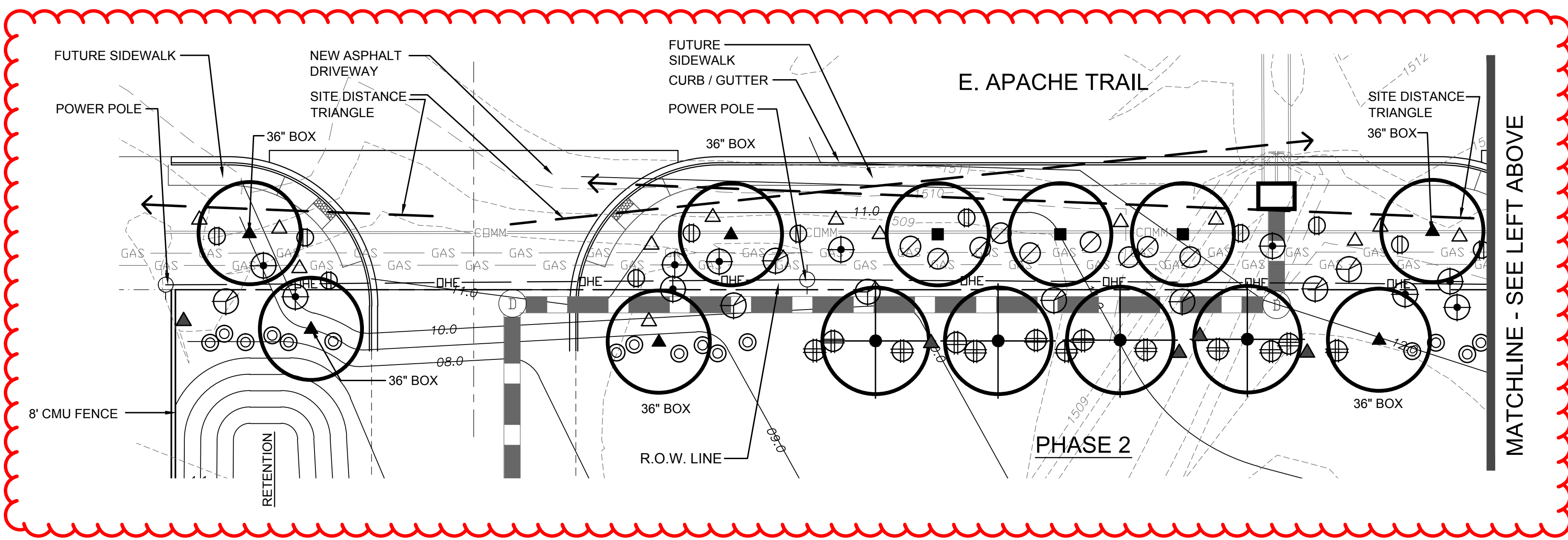
THIS EXISTING MATURE LANDSCAPE SCOPE, AS INSTALLED DURING PHASE 1, IS TO REMAIN IN PLACE



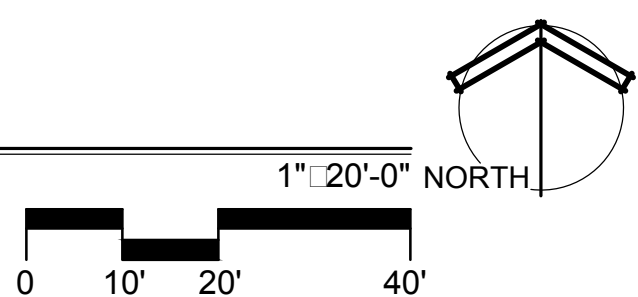
LANDSCAPE PLAN



THIS EXISTING MATURE LANDSCAPE SCOPE, AS INSTALLED DURING PHASE 1, IS TO REMAIN IN PLACE



LANDSCAPE PLAN



PLANT KEY

SYMBOL	BOTANICAL NAME	COMMON NAME
TREES:		
	ACACIA SALICINA	WILLOW ACACIA
	CERCIDIUM HYBRID 'AZT'	THORNLESS PALO VERDE
	PROSOPIS THORNLESS HYBRID 'AZT'	AZT THORNLESS MESQUITE
SHRUBS:		
	AMBROSIA DELTOIDEA	TRIANGLE-LEAF BURSAGE
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ACCENTS / CACTUS:		
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DECOMPOSED GRANITE:		
	"DATE CREEK GOLD"	
	"DATE CREEK GOLD" 1/4" MINUS FOR DUST CONTROL, WHERE SHOWN ON SHEET L3	

NOTE

SEE SHEET L3 FOR DUST CONTROL ON PROJECT

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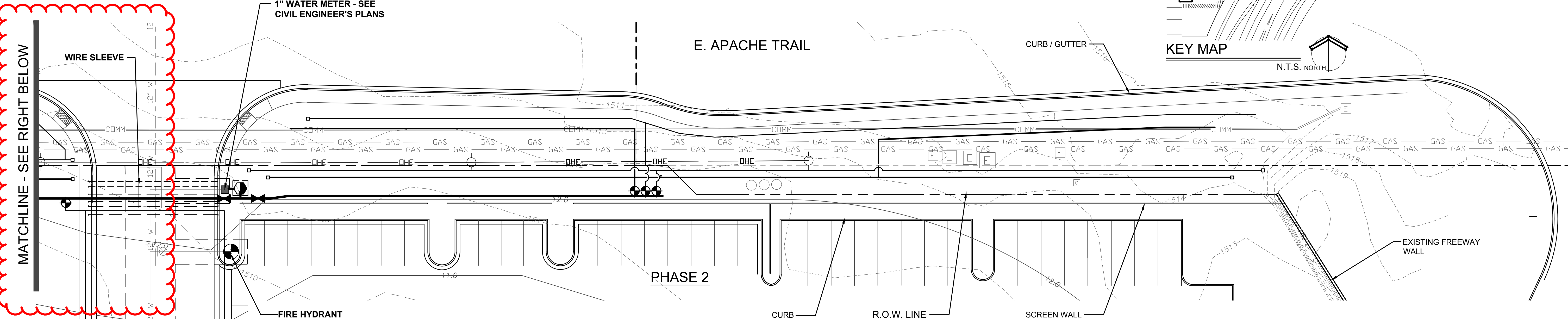
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LANDSCAPE PLAN

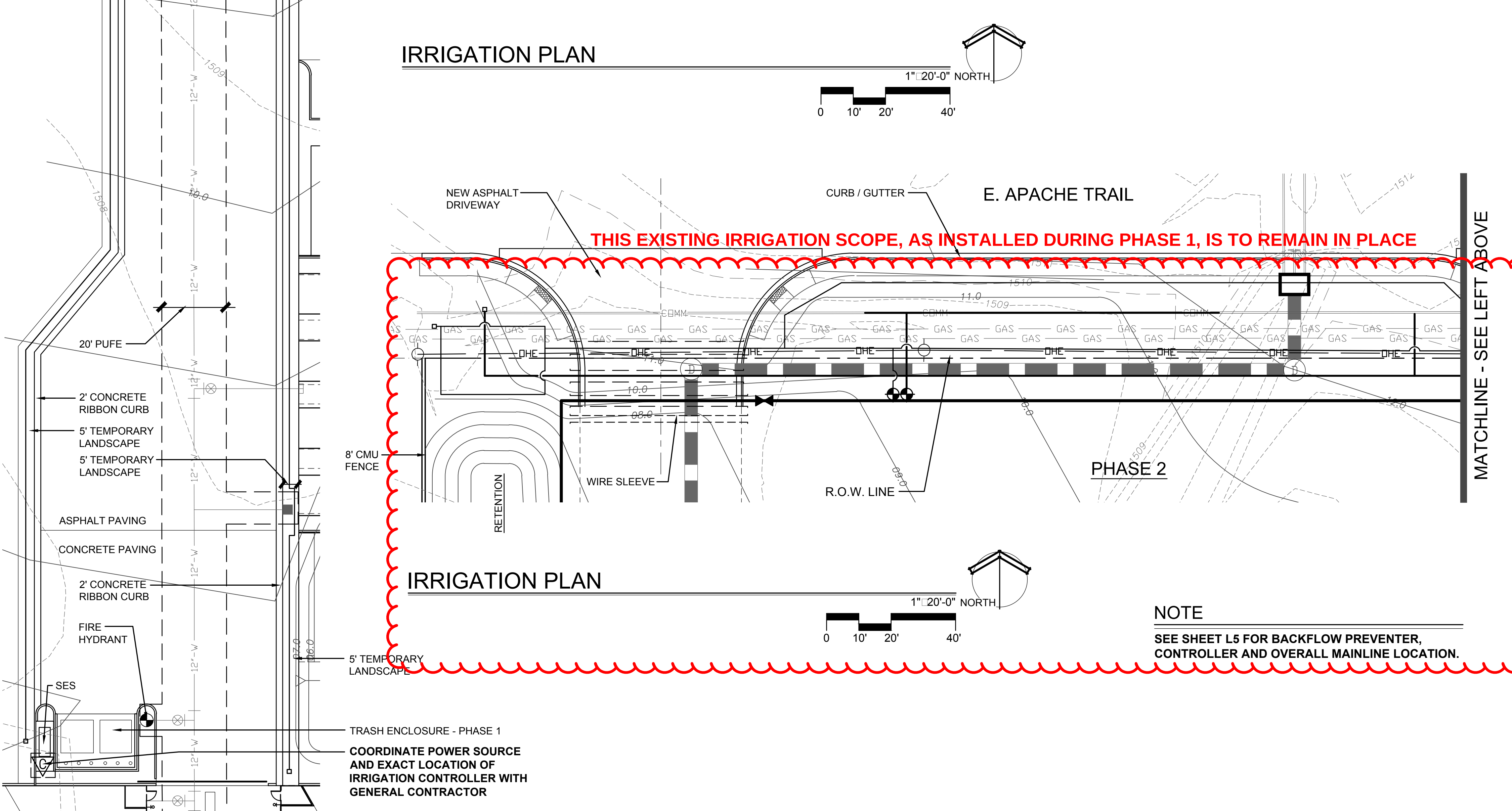
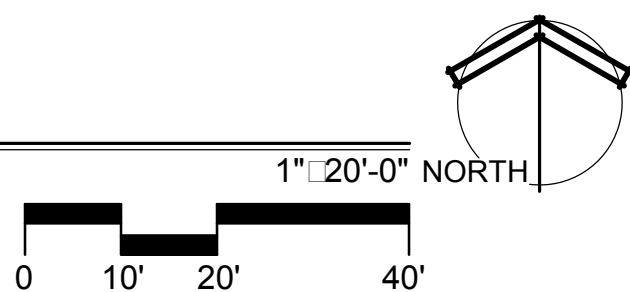
L2
2 OF 6

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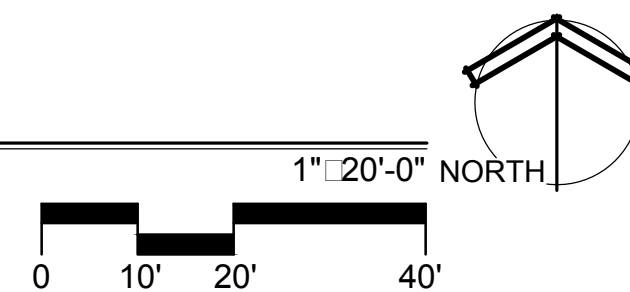
THIS EXISTING IRRIGATION SCOPE, AS INSTALLED DURING PHASE 1, IS TO REMAIN IN PLACE



IRRIGATION PLAN



IRRIGATION PLAN



NOTE

SEE SHEET L5 FOR BACKFLOW PREVENTER, CONTROLLER AND OVERALL MAINLINE LOCATION.

IRRIGATION LEGEND

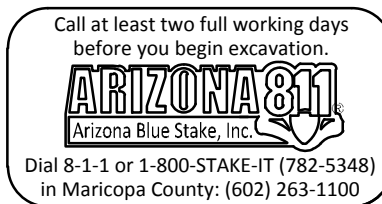
SYMBOL	MODEL NO.	DESCRIPTION
		1" WATER METER - SEE CIVIL ENGINEER'S PLANS
	825Y-1"	FEBCO REDUCED PRESSURE BACKFLOW PREVENTER INSTALLED IN BACKFLOW PREVENTER ENCLOSURE
	IC-600	HUNTER 12 STATION CONTROLLER. INSTALL CONTROLLER IN STAINLESS STEEL ENCLOSURE
	ICV-100 1"	HUNTER ELECTRIC VALVE, 1" Y-FILTER, AND 3/4" SENNINGER PRESSURE REGULATOR
	T113	BRONZE GATE VALVE (SAME SIZE AS MAINLINE)
		PRECAST CONCRETE DRIVEABLE HANDHOLE FOR IRRIGATION CONNECTION
	SCHEDULE 40	PVC WIRE SLEEVE, 1 1/2" DIAMETER
	SCHEDULE 40	PVC SLEEVE, 2X PIPE DIAMETER
	SCHEDULE 40	PVC MAINLINE, 1 1/4"
	CLASS 200	PVC PIPE TO TREE EMITTERS, 3/4"
	CLASS 200	PVC PIPE TO SHRUB EMITTERS, 3/4"
	FLUSHING	INSTALL IN SEPARATE 10" PLASTIC VALVE BOX
	END CAP	

NOTES:

- USE BOWSMITH 1/2" THREADED EMITTERS PER SCHEDULE.
- INSTALL #12 TRACER WIRE ABOVE ALL MAIN LINE PIPING.
- USE #12 UF, DIRECT BURIAL WIRE FOR ALL 24-VOLT WIRING
- INSTALL VALVES IN PLASTIC VALVE BOXES WITH LOCKING LIDS, BY CARSON INDUSTRIES INC. OR APPROVED EQUAL BY OWNER'S REPRESENTATIVE - ONE VALVE PER VALVE BOX. INSTALL TAN COLOR VALVE BOXES IN DECOMPOSED GRANITE AREAS.

EMITTER SCHEDULE

PLANT SIZE	EMITTER TYPE	GPH / OUTLET	OUTLETS / PLANT	TOTAL GPH PER PLANT
3" BOX	1 MULTI-PORT	2	6	12
24" BOX	1 MULTI-PORT	2	4	8
15 GALLON	1 MULTI-PORT	2	3	6
5 GALLON	1 SINGLE-PORT	1	1	1
1 GALLON	1 SINGLE-PORT	1	1	1



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IRRIGATION PLAN

L4

4 OF 6

PMT18-07818