

LANDSCAPE NOTES:

1. PRIOR TO BIDDING, THE LANDSCAPE CONTRACTOR SHALL WALK THE SITE TO DETERMINE THE FULL EXTENT OF DEMOLITION WORK (IF REQUIRED).
2. PRIOR TO CONSTRUCTION, THE LANDSCAPE CONTRACTOR AND AN OWNER'S REPRESENTATIVE SHALL INSPECT THE SITE AND DOCUMENT ANY DAMAGE TO SIDEWALKS, CURBS OR OTHER HARDSCAPES. ALL AREAS TO BE RE-INSPECTED UPON FINAL WALK THROUGH AND ANY DAMAGED AREAS TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
3. LANDSCAPE CONTRACTOR TO REVIEW ALL RELATED ENGINEERING, ARCHITECTURAL AND DRAINAGE PLANS AND COORDINATE WITH THE APPROPRIATE CONTRACTOR ON ANY ITEMS WITH OVERLAPPING SCOPE. ANY DISCREPANCIES BETWEEN THE LANDSCAPE PLAN AND ANY OTHER CONSULTANT PLANS MUST BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
4. PRIOR TO CONSTRUCTION, ANY CLARIFICATIONS OR DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND THE SITE CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
5. LANDSCAPE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES FOR PROTECTION PRIOR TO CONSTRUCTION. CONTACT BLUE STAKE AT 602-263-1100 OR 1-800-782-5348.
6. LANDSCAPE CONTRACTOR TO PROVIDE BARRICADES ALONG PUBLIC STREETS IF REQUIRED DURING INSTALLATION.
7. ALL QUANTITIES ON THE PLANT LIST ARE PROVIDED AS A CONVENIENCE TO THE CONTRACTOR, PLANS TAKE PRECEDENCE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD ESTIMATE ALL DECOMPOSED GRANITE QUANTITIES.
8. THE LANDSCAPE CONTRACTOR SHALL WARRANTY ALL HARDSCAPES, IRRIGATION COMPONENTS AND TREES FOR A PERIOD OF 1 YEAR. SHRUBS, ACCENTS AND GROUND COVERS SHALL CARRY A 90 DAY WARRANTY.
9. ALL PLANTS MUST BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING. THE OWNER AND/OR LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DEEMED IN ADEQUATE OR NOT MEETING NURSERYMAN STANDARDS.
10. DUE TO SEASONAL PLANT MATERIAL AVAILABILITY, ALL ALTERNATES AND/OR SUBSTITUTIONS ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT, OWNER OR JURISDICTION.
11. PLANTS TO BE LOCATED AWAY FROM OBSTACLES SUCH AS FIRE HYDRANTS, TRANSFORMERS, POWER POLES, AND LIGHT FIXTURES AS NECESSARY.
12. LANDSCAPE CONTRACTOR TO CONTACT THE G.C. OR OWNER'S REPRESENTATIVE BEFORE EACH APPLICATION OF PRE-EMERGENT FOR VERIFICATION. MINIMUM 2 APPLICATIONS REQUIRED.
13. PREPARED BACKFILL FOR PLANTING PITS SHALL BE 4 PARTS NATIVE SOIL TO 1 PART NITROGEN STABILIZED MULCH. MIX MULCH AND SOIL BACKFILL THOROUGHLY TO CREATE BACKFILL PRIOR TO PLACING IN PIT.
14. TOPSOIL TO CONFORM TO THE REQUIREMENTS OF MAG SPECIFICATION, SECTION 795. PROVIDE A WRITTEN DESCRIPTION OF CERTIFICATION OF ORIGINAL ORIGIN OF TOPSOIL TO LANDSCAPE ARCHITECT PRIOR TO DELIVERY TO THE SITE.
15. PROVIDE THE G.C. AND/OR OWNER A SAMPLE OF DECOMPOSED GRANITE FOR APPROVAL PRIOR TO DELIVERY TO THE SITE.UNLESS OTHERWISE NOTED ON PLANS, DECOMPOSED GRANITE SHALL EXTEND UNDER SHRUBS AND BE RAKED UNIFORMLY ALONG WALLS, SIDEWALKS, AND CURBS.
16. LANDSCAPE MAINTENANCE WITHIN THE PUBLIC RIGHT OF WAY SHALL BE THE RESPONSIBILITY OF THE OWNER.

IRRIGATION NOTES:

1. PRIOR TO CONSTRUCTION, THE LANDSCAPE CONTRACTOR IS TO COORDINATE ALL SLEEVING LOCATIONS WITH THE GENERAL CONTRACTOR AND/OR PAVING CONTRACTOR TO ENSURE THAT ALL SLEEVES ARE INSTALLED PRIOR TO PAVING. VERIFY ANY EXISTING SLEEVES THAT MAY HAVE BEEN PREVIOUSLY INSTALLED.
2. PRIOR TO CONSTRUCTION, VERIFY STATIC WATER PRESSURE. CONTACT LANDSCAPE ARCHITECT IF STATIC PRESSURE IS NOT ADEQUATE FOR LISTED DESIGN PRESSURE ON THE IRRIGATION PLANS.
3. MAINTAIN IRRIGATION AS-BUILT THROUGHOUT INSTALLATION. AS-BUILT SET TO BE TURNED OVER TO OWNER PRIOR TO ACCEPTANCE OF THE IRRIGATION INSTALL.
4. VACUUM BREAKER/BACKFLOW PREVENTION DEVICE TO BE ASSEMBLED PER LOCAL JURISDICTIONAL STANDARDS AND DETAILS.
5. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING MATERIALS AND LABOR TO PROVIDE SPECIFIED ELECTRICAL SERVICE TO ALL CONTROLLER LOCATIONS. ALL ELECTRICAL WORK TO BE PER MANUFACTURER'S SPECIFICATIONS AND PER LOCAL CODE.
6. ALL IRRIGATION EQUIPMENT TO BE LOCATED IN LANDSCAPE AREAS- ALL LINES AND EQUIPMENT ARE SCHEMATIC.
7. ALL MATERIAL USED SHALL BE INSTALLED AS PER PLAN AND AS PER MANUFACTURERS SPECIFICATIONS. ALL DEVIATIONS FROM DRAWINGS OR MATERIALS USED SHALL BE APPROVED BY OWNER'S REPRESENTATIVE AND OR LANDSCAPE ARCHITECT.
8. USE COMMON TRENCHES WHERE POSSIBLE. SEE DETAILS FOR TRENCHING AND MINIMUM IRRIGATION PIPE BURY DEPTHS.
9. CONTROLLER WIRE SHALL BE A DIFFERENT COLOR FOR TREE LINES & SHRUB LINES. AT LEAST THREE EXTRA CONTROL WIRES TO BE RUN TO THE FARTHEST VALVE LOCATION OF THE SYSTEM.
10. IRRIGATION LINES SHALL RUN PARALLEL TO THE HIGH SIDE OF SLOPES.
11. AN 18 GAUGE TRACER WIRE OF A DIFFERENT COLOR THAN THE CONTROL WIRES SHALL BE INSTALLED WITH ALL MAINLINES.
12. INSTALL ELECTRIC VALVES IN PLASTIC VALVE BOXES FLUSH WITH GRADE. ALL BOXES TO BE PLACED IN INCONSPICUOUS LOCATIONS AS POSSIBLE. AVOID INSTALLING VALVE BOXES AT THE BOTTOM OF ANY RETENTION AREAS WHERE PONDING IS POSSIBLE.
13. ALL PEA GRAVEL IN VALVE BOXES TO BE CLEANED FROM TOP OF VALVE SO THAT VALVE IS COMPLETE VISIBLE, LIP OF VALVE BOX IS ALSO TO BE FREE OF DEBRIS.
14. EMITTERS TO BE PLACED ON THE UPHILL SIDE OF THE PLANTS. ALL PLANTS REQUIRING MORE THAN ONE DRIP EMITTER SHALL HAVE EMITTERS DISTRIBUTED EVENLY AROUND THE EDGE OF THE ROOT-BALL.
15. CONTRACTOR TO CAP OFF ALL IRRIGATION AT PHASING LIMITS AS REQUIRED, AND MARK APPROPRIATELY FOR EASY LOCATION UPON FUTURE EXPANSION.
16. PRIOR TO OWNERS APPROVAL, AN IRRIGATION "TUNE-UP" MUST BE PERFORMED AS FOLLOWS:
  - A. ALL IRRIGATION EQUIPMENT (INCLUDING ALL PIPELINES AND SLEEVES) TO BE DOCUMENTED FROM TWO STATIONARY POINTS. (AS-BUILTS PER #2 ABOVE).
  - B. IRRIGATION VALVES TO BE LABELED ON A SHEET OF PAPER WITH STATIONS CORRESPONDING TO MARKED LABELS ON TOP OF VALVE BOXES. THIS SHEET TO BE PLACED IN A PLASTIC POUCH AND ATTACHED TO THE INSIDE OF CONTROLLER.
  - C. ALL DRIP SYSTEMS TO BE FLUSHED BEGINNING WITH "Y" STRAINER, AND WORKING AWAY FROM PRESSURE REGULATOR.
  - D. ALL IRRIGATION SPRAY HEADS TO BE FLUSHED OF DEBRIS AND FLOW CONTROLS/RADIUS ADJUSTED TO ACHIEVE 100% COVERAGE. AVOID OVER-SPRAY ONTO ALL WALKS, CURBS, WALLS, EXISTING STRUCTURES OR ANOTHER OTHER HARDSCAPE AREA. ADJUST ALL HEADS/ROTORS TO PROPER HEIGHTS AND VERTICAL ALIGNMENT.
  - E. ENSURE THAT NO CONTROL WIRE WAS DAMAGED DURING CONSTRUCTION AND THAT ALL VALVES ARE ELECTRONICALLY OPERABLE BY THE CONTROLLER.
  - F. AUDIT ENTIRE SYSTEM FOR LEAKS OR DAMAGE DURING CONSTRUCTION.

CITY OF GLENDALE GENERAL LANDSCAPE NOTES:

- A. ALL PLANTS SHALL BE PLANTED WITHIN RIGHT-OF-WAY. PLANTS SHOWN OUTSIDE OF THE RIGHT-OF-WAY ARE FOR GRAPHIC CLARITY ONLY.
- B. FINISHED GRADE OF DECOMPOSED GRANITE SHALL BE NO LESS THAN ½" BELOW TOP OF ADJACENT CONCRETE OR OTHER PAVED SURFACES.
- C. PROVIDE 2" DEPTH OF 3/4" MINUS DECOMPOSED GRANITE COVER IN ALL NEW LANDSCAPE AREAS. COORDINATE WORK WITH OTHER TRADES. IDENTIFY SITE CONDITIONS IN CONFLICT WITH PLANS OR SPECIFICATIONS TO LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
- D. CALL BLUE STAKE FOR UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF WORK.
- E. TREE HEIGHTS AND CALIPER TO CONFORM TO THE MOST RECENT ARIZONA NURSERY ASSOCIATION STANDARDS.
- G. STAKE ALL PLANT MATERIAL LOCATIONS FOR APPROVAL BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATIONS.
- H. PROVIDE POSITIVE DRAINAGE AWAY FROM WALLS. EXCESS SOIL PLANTING OPERATIONS MAY BE SPREAD ON SITE BUT SHALL NOT ALTER DRAINAGE PATTERNS OR RETENTION REQUIREMENTS. QUANTITIES SHOWN ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. CONTRACTOR SHALL PROVIDE ALL PLANTS NECESSARY TO COMPLETE PLANTINGS AS SHOWN ON THE PLANS.
- I. CONTRACTOR SHALL REFER TO THE UNIFORM STANDARD SPECIFICATIONS OF PUBLIC WORKS CONSTRUCTION AS PREPARED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS FOR CONSTRUCTION SPECIFICATIONS, EXCEPT AS MODIFIED BY CITY OF GLENDALE SUPPLEMENTAL PROVISIONS.
- K. REFER TO CITY OF GLENDALE STANDARD DETAILS G-447 AND G-448 FOR REQUIREMENTS PERTAINING TO SITE DISTANCE STANDARDS AND RESTRICTIONS.
- L. THE INFORMATION SHOWN IN THE DETAIL SHEETS ARE SHOWN FOR REFERENCE ONLY AND WHILE EVERY EFFORT HAS BEEN TAKEN IN ITS COMPILATION, THE CITY OF GLENDALE DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN HEREIN.
- M. ALL TREE AND PRUNING SHALL BE DONE BY AN ARIZONA CERTIFIED ARBORIST.
- N. THE CONTRACTOR SHALL PROVIDE CERTIFICATION OF ALL PRE-EMERGENT APPLICATIONS TO BE APPLIED, AT FULL LABEL RATE, AT THE TIME OF ACCEPTANCE.
- O. LANDSCAPING BETWEEN THE BACK OF CURB AND THE PROPERTY LINE (ROW) SHALL BE MAINTAINED BY THE PROPERTY OWNER.

CITY OF GLENDALE GENERAL IRRIGATION NOTES:

- A. THIS IRRIGATION SYSTEM REQUIRES A MINIMUM WATER PRESSURE AT THE WATER METER AS SHOWN ON THE APPROVED PLANS. IF THE MINIMUM PRESSURE IS NOT AVAILABLE, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO PROCEEDING.
- B. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING ON PROJECT TO VERIFY CONDITIONS.
- C. PRIOR TO COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL CONTACT BLUE STAKE TO VERIFY LOCATIONS AND DEPTHS OF UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY HIS WORK AND HE SHALL BE RESPONSIBLE FOR DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF HIS IRRIGATION INSTALLATION.
- D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPENSATING THE OWNER AND/OR THE OWNER'S REPRESENTATIVE FOR ANY DESIGN CHANGES MADE AS A RESULT OF DEVIATION BY THE CONTRACTOR FROM THE PLANS AND SPECIFICATIONS OR DUE TO ERRORS, FAULTY MATERIAL OR FAULTY WORKMANSHIP.
- E. INSTALL ALL MAINLINES WITH A MINIMUM OF 24" OF COVER.
- F. INSTALL ALL LATERALS WITH A MINIMUM OF 18" OF COVER.
- G. ALL PIPE TO BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
- H. ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. USE LIQUID TEFLON ON METAL PIPE THREADS ONLY.
- I. FLUSHING OF LINES PRIOR TO INSTALLATION OF SPRINKLERS AND EMITTERS IS REQUIRED.
- J. INSTALL ALL IRRIGATION SYSTEM, EMITTERS, AND RELATED MATERIAL PER IRRIGATION SYSTEM SPECIFICATIONS AND DETAILS.
- K. INSTALL ALL 24 VOLT ELECTRICAL JOINTS WITH 3-M WATERPROOF CONNECTORS.
- L. ALL ELECTRICAL 24 VOLT CONNECTIONS SHALL BE MADE AT THE REMOTE CONTROL VALVE BOXES. CONTROLLER ENCLOSURES AND VALVE BOXES SPECIFICALLY FOR ELECTRICAL CONNECTIONS.
- M. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL WIRING FROM THE CIRCUIT BREAKER AT THE 120 VOLT SOURCE LOCATION TO AUTOMATIC CONTROLLER.
- N. ALL 120 VOLT POWER WIRE TO BE INSTALLED PER LOCAL CODE.
- O. INSTALL ALL VALVE WIRING IN MAINLINE TRENCH AS DETAILED.
- P. INSTALL ALL REMOTE CONTROL VALVES AT HEIGHT INDICATED ON DETAILS, AS HIGH AS POSSIBLE BUT ALLOWING CLEARANCE BETWEEN VALVE BOX LID AND FLOW CONTROL HANDLE ON REMOTE CONTROL VALVE.
- Q. INSTALL ALL MAINLINE GATE VALVES IN A ROUND PLASTIC VALVE BOX PER DETAILS.
- R. ALL PVC PIPE TO BE CLEANED WITH A PVC SOLVENT PRIMER BEFORE GLUING. DO NOT USE GRAY COLORED GLUE. 725 IPS WELD ON TYPE GLUE IS PREFERRED.
- S. THE MAINLINE AND LATERAL PIPE VALVES ARE SHOWN SCHEMATICALLY AND SHALL BE INSTALLED WITHIN THE LANDSCAPE AREA, ADJACENT TO SIDEWALK.
- T. SUPPLY THE FOLLOWING MATERIAL TO THE OWNER:
  1. TWO KEYS FOR EACH OF THE CONTROLLERS.
  2. TWO VALVE BOX KEYS.
- U. ALL MAINLINE PIPE AND FITTINGS ARE TO BE PVC SCHEDULE 80
- V. PAINT ALL NEW AND EXISTING UTILITY BOXES, BACKFLOW PREVENTERS, CONTROLLERS, ETC. TO MATCH PERIMETER WALLS OR AS PER LANDSCAPE PLANS.
- W. THE CONTRACTOR SHALL PROVIDE A CERTIFICATION CERTIFICATE OF ALL BACKFLOW PREVENTERS AT THE TIME OF ACCEPTANCE.

DEVELOPER

TAYLOR MORRISON  
4900 N. SCOTTSDALE RD., SUITE 2000  
SCOTTSDALE, AZ 85251  
(480) 409-5417  
CONTACT:STEFANIE CRERIE  
screrie@taylormorrison.com

ENGINEER

HILGARTWILSON  
2141 E. HIGHLAND AVE., SUITE 250  
PHOENIX, AZ 85016  
(602) 997-9093  
CONTACT: ZACH HILGART  
zhilgart@hilgartwilson.com



WATER/SEWER OPERATOR

EPCOR WATER ARIZONA INC,  
2355 W. PINNACLE PEAK RD., SUITE 300  
PHOENIX, AZ 85027  
(623) 445-2402  
CONTACT: BRAD FINKE

LANDSCAPE ARCHITECT

MCGOUGH ADAMSON  
535 E. MCKELLIPS RD., SUITE 131  
MESA, AZ 85203  
(602) 997-9093  
CONTACT: NICK ADAMSON  
nicka@mg-az.com

SHEET INDEX

L0.1	COVER SHEET
L1.1-1.4	PLANTING PLAN
L2.1-2.4	IRRIGATION PLAN
L3.1-3.4	AMENITIES SCHEDULE
L4.1-4.5	DETAILS

LANDSCAPE PERMIT FEE

LANDSCAPED AREA  
IN RIGHT OF WAY      0      S.F. @ \$0.04 S.F. =      0

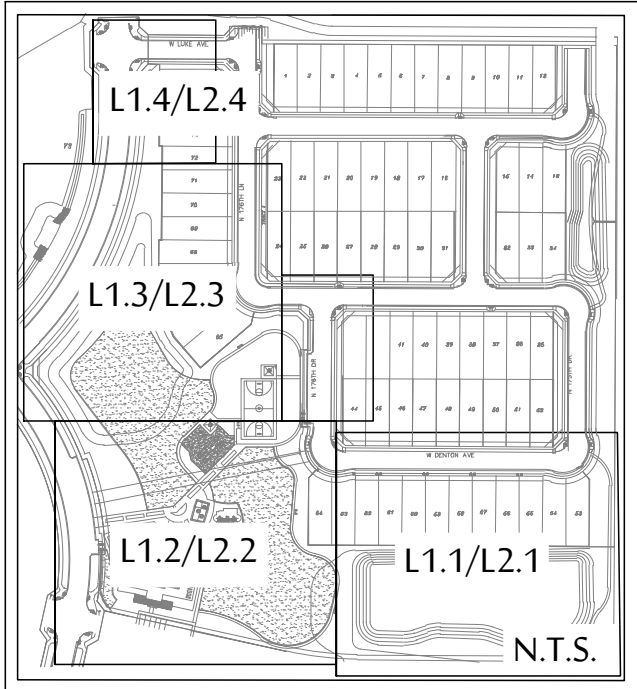
PERMIT BASE FEE      1 @ \$375.78 = \$375.78

TOTAL = \$375.78

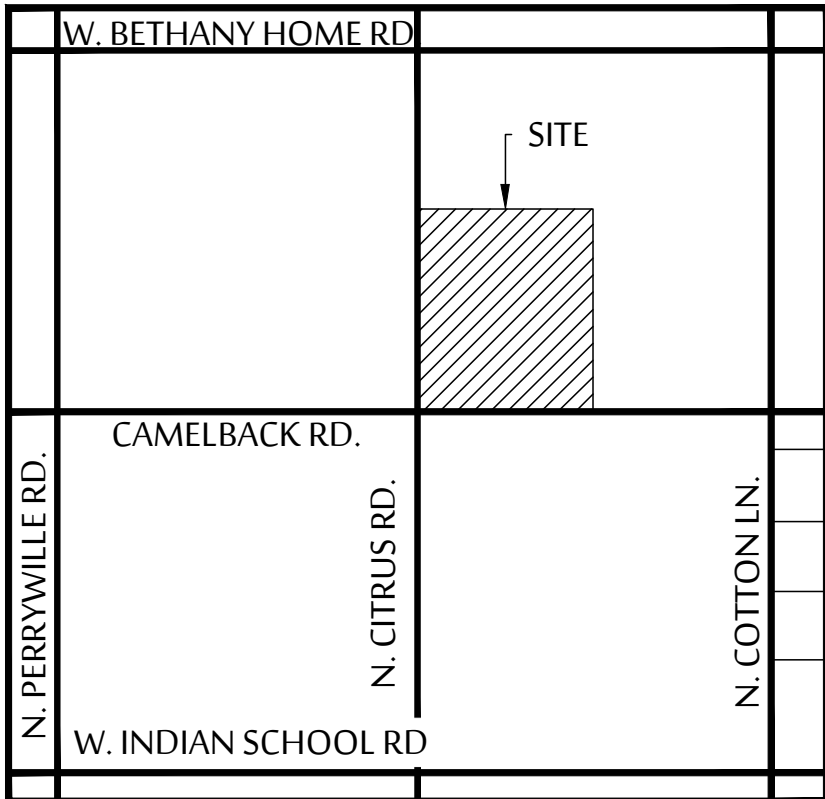
PLANT LEGEND

SYMBOL	BOTANICAL NAME - COMMON NAME	QTY.	SIZE	COMMENTS
TREES				
	OLNEYA TESOTA - IRONWOOD	11	24" BOX 56" BOX*	STANDARD SEE PLAN*
	PARKINSONIA FLORIDA - BLUE PALO VERDE	45	15" BOX	STANDARD
	PISTACIA CHINENSIS - CHINESE PISTACHE	34	24" BOX	STANDARD
	PISTACIA LENTISCUS - MASTIC TREE	18	24" BOX	STANDARD
	PROSOPIS HYBRID 'PHOENIX' - THORNLESS MESQUITE	33	15" BOX	STANDARD
	QUERCUS VIRGINIANA - SOUTHERN LIVE OAK	5	24" BOX	STANDARD
	ULMUS PARVIFOLIA - EVERGREEN ELM	60	24" BOX	STANDARD
	PHOENIX DACTYLIFERA - DATE PALM	4	16' BROWN TRUNK	DIAMOND CUT
SHRUBS				
	BOUGAINVILLEA 'LA JOLLA' - BUSH BOUGAINVILLEA	86	5 GAL.	CAN FULL
	CAESALPINIA PULCHERRIMA - RED BIRD OF PARADISE	122	5 GAL.	CAN FULL
	CALLIANDRA CALIFORNICA - RED FAIRY DUSTER	35	5 GAL.	CAN FULL
	ENCELIA FARINOSA - BRITTLE BUSH	13	5 GAL.	CAN FULL
	JUSTICIA SPICIGERA - MEXICAN HONEYSUCKLE	57	5 GAL.	CAN FULL
	LARREA TRIDENTATA - CREOSOTE	50	5 GAL.	CAN FULL
	LAVANDULA X 'DESERT' - DESERT LAVENDER	23	5 GAL.	CAN FULL
	RUELLIA PENINSULARIS - DESERT RUELLIA	29	5 GAL.	CAN FULL
	RUSSELLIA EQUISETIFORMUS - CORAL FOUNTAIN	138	5 GAL.	CAN FULL
	SPHAERALCEA AMBIGUA - GLOW MALLOW	56	5 GAL.	CAN FULL
	TECOMA SP. 'SPARKLETTE' - SPARKLETTE TECOMA	86	5 GAL.	CAN FULL
ACCENTS				
	ALOE SPECIES 'TOPAZ' - TOPAZ ALOE	159	5 GAL.	CAN FULL
	ALOE SPECIES 'BARBADENSIS' - ALOE VERA	36	5 GAL.	CAN FULL
	ASCLEPIAS SUBULATA - DESERT MILKWEED	64	5 GAL.	CAN FULL
	CHAMAEROPS HUMILIS - MED. FAN PALM	4	5 GAL.	CAN FULL
	BOUTELOUA GRACILIS - BLONDE AMBITION	21	8' MIN.	CAN FULL
	DASYLIRION WHEELERI - DESERT SPOON	82	5 GAL.	CAN FULL
	FOUQUIERIA SPLENDENS - OCOTILLO	12	BR. ROOT.	8-10 CANES
	HESPERALOE FUNIFERA - GIANT HESPERALOE	37	5 GAL.	CAN FULL
	MUHLENBERGIA RIGENS - DEERGRASS	21	5 GAL.	CAN FULL
	PENSTEMON PARRYI - PERRY'S PENSTEMON	37	5 GAL.	CAN FULL
	PORTULACARIA AFRA - ELEPHANT FOOD	12	5 GAL.	CAN FULL
GROUND COVERS				
	BAILEYA MULTIRADIATA - DESERT MARIGOLD	100	5 GAL.	CAN FULL
	RUELLIA BRITTONIANA 'KATIE' - KATIE RUELLIA	113	5 GAL.	CAN FULL
	LANTANA MONTEVEDENSIS - PURPLE LANTANA	133	5 GAL.	CAN FULL
	LANTANA X 'NEW GOLD' - NEW GOLD LANTANA	248	5 GAL.	CAN FULL
	DECOMPOSED GRANITE - 5/8" SCREENED COLOR TO BE 'APACHE BROWN' BY KALAMAZOO. D.G. TO BE INSTALLED AT 2" DEPTH MIN.	210,400 SQ.FT.		
	DECOMPOSED GRANITE TRAIL STABILIZED, 1/4" MINUS, COLOR TO BE 'APACHE BROWN'	7,758 SQ.FT.		
	MID-IRON BERMUDA TURF	66,191 SQ.FT.		
	A = (2' X 3' X 4')      B = (3' X 3' X 3')      C = (3' X 4' X 4')	A = 5, B = 8, C = 9		

KEY MAP

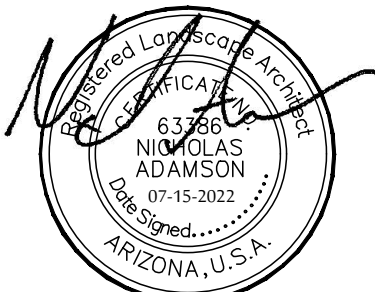


VICINITY MAP N.T.S.



535 E. MCKELLIPS RD. SUITE 131  
MESA, ARIZONA 85203

PHONE: (602) 997-9093



COVER SHEET

ALLEN RANCHES - PARCELE

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO.      20-78  
DATE:      07-15-22  
DRAWN BY:      FRN, BD  
CHECKED BY:      NA

REVISIONS:


SHEET NO.  
**L0.1**

AS-BUILT CERTIFICATION

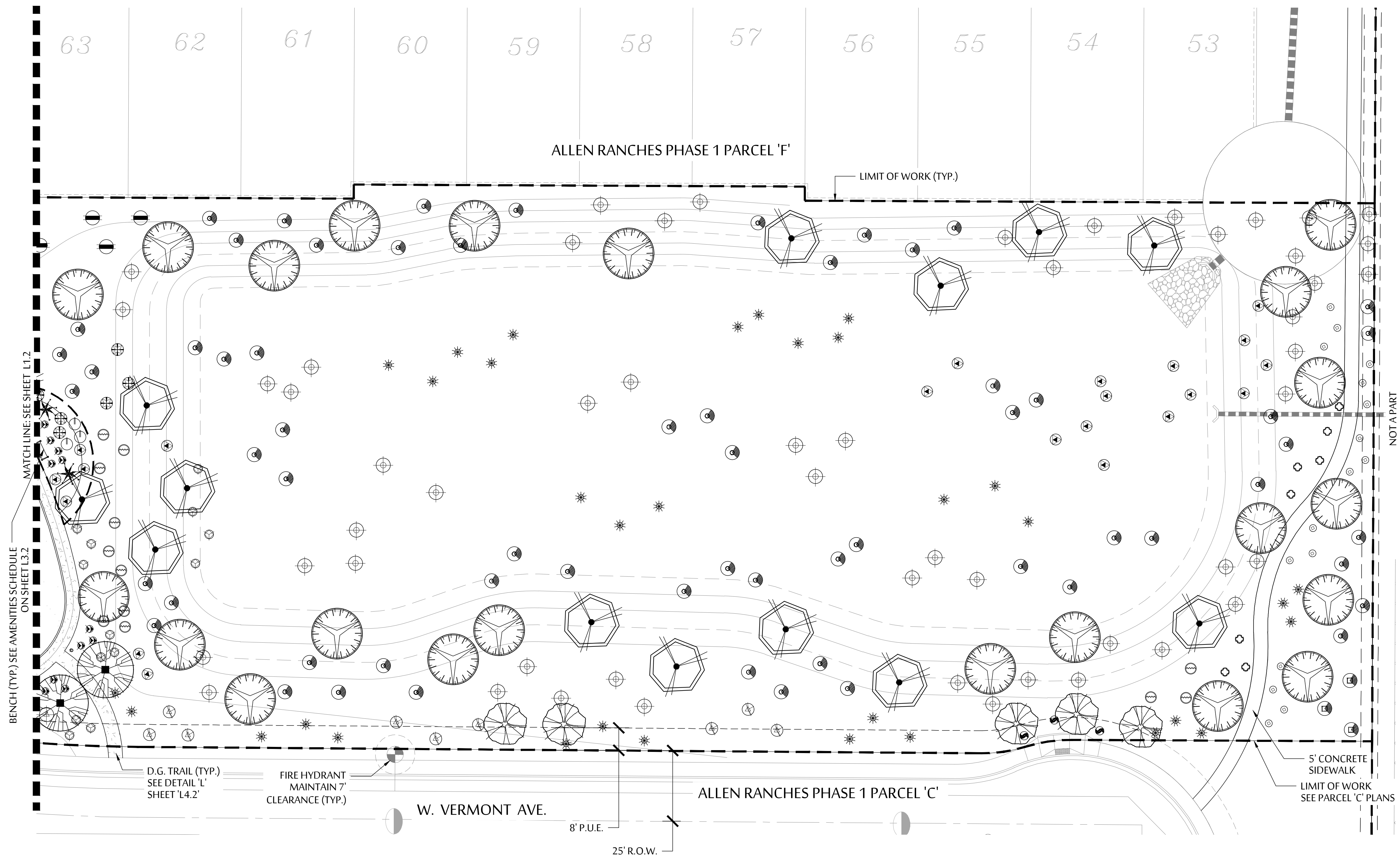
I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LANDSCAPE ARCHITECT      REGISTRATION NUMBER      DATE

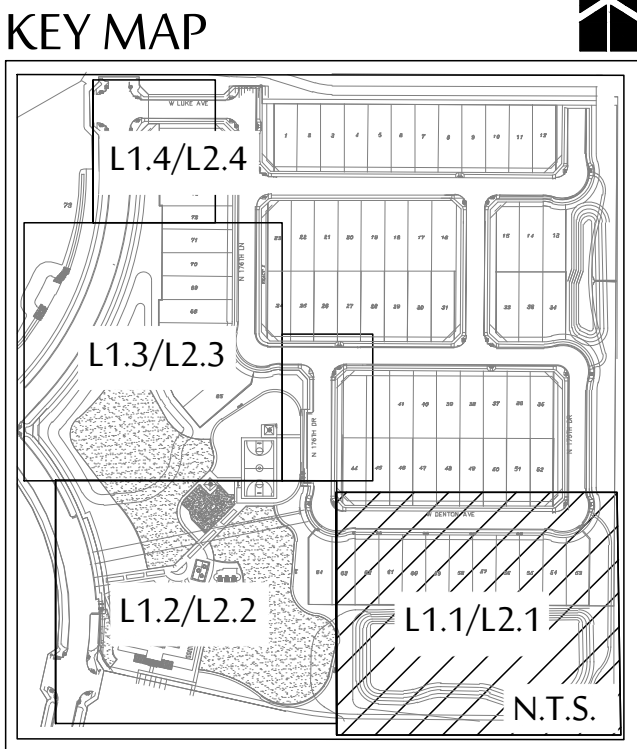
APPROVED BY:

CITY OF GLENDALE - LANDSCAPE ARCHITECT

DATE



PLANT LEGEND	
SYMBOL	BOTANICAL NAME - COMMON NAME
TREES	
	OLNEYA TESOTA - IRONWOOD
	PARKINSONIA FLORIDA - BLUE PALO VERDE
	PISTACIA CHINENSIS - CHINESE PISTACHE
	PISTACIA LENTISCUS - MASTIC TREE
	PROSOPIS HYBRID 'PHOENIX' - THORNLESS MESQUITE
	QUERCUS VIRGINIANA - SOUTHERN LIVE OAK
	ULMUS PARVIFOLIA - EVERGREEN ELM
	PHOENIX DACTYLIFERA - DATE PALM
SHRUBS	
	BOUGAINVILLEA 'LA JOLLA' - BUSH BOUGAINVILLEA
	CAESALPINIA PULCHERRIMA - RED BIRD OF PARADISE
	CALLIANDRA CALIFORNICA - RED FAIRY DUSTER
	ENCELIA FARINOSA - BRITTLE BUSH
	JUSTICIA SPICIGERA - MEXICAN HONEYSUCKLE
	LARREA TRIDENTATA - CREOSOTE
	LAVANDULA X 'DESERT' - DESERT LAVENDER
	RUELLIA PENINSULARIS - DESERT RUELLIA
	RUSSELLIA EQUISETIFORMIS - CORAL FOUNTAIN
	SPHAERALCEA AMBIGUA - GLOW MALLOW
	TECOMA SP. 'SPARKLETTE' - SPARKLETTE TECOMA
ACCENTS	
	ALOE SPECIES 'TOPAZ' - TOPAZ ALOE
	ALOE SPECIES 'BARBADENSIS' - ALOE VERA
	ASCLEPIAS SUBULATA - DESERT MILKWEED
	CHAMAEROPS HUMILIS - MED. FAN PALM
	BOUTELOUA GRACILIS - BLONDE AMBITION
	DASYLIRION WHEELERI - DESERT SPOON
	FOQUIERIA SPLENDENS - OCOTILLO
	HESPERALOE FUNIFERA - GIANT HESPERALOE
	MUHLENBERGIA RIGENS - DEERGRASS
	PENSTEMON PARRYI - PERRY'S PENSTEMON
	PORTULACARIA AFRA - ELEPHANT FOOD
GROUND COVERS	
	BAILEYA MULTIRADIATA - DESERT MARIGOLD
	RUELLIA BRITTONIANA 'KATIE' - KATIE RUELLIA
	LANTANA MONTEVEDENSIS - PURPLE LANTANA
	LANTANA X 'NEW GOLD' - NEW GOLD LANTANA
	DECOMPOSED GRANITE - 5/8" SCREENED COLOR TO BE 'APACHE BROWN' BY KALAMAZOO. D.G. TO BE INSTALLED AT 2" DEPTH MIN.
	DECOMPOSED GRANITE TRAIL STABILIZED, 1/4" MINUS, COLOR TO BE 'APACHE BROWN'
	MID-IRON BERMUDA TURF
	A = (2' X 3' X 4')    B = (3' X 3' X 3')    C = (3' X 4' X 4')



SCALE: 1"=20'-0"

0' 10' 20' 40' 60'

NORTH



McGOUGH  
ADAMSON

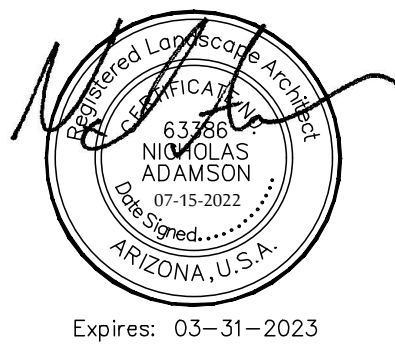
Landscape  
Architects

Land  
Planning

Irrigation

535 E. MCKELLIPS RD. SUITE 131  
MESA, ARIZONA 85203

PHONE: (602) 997-9093



PLANTING PLAN

ALLEN RANCHES - PARCELE

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

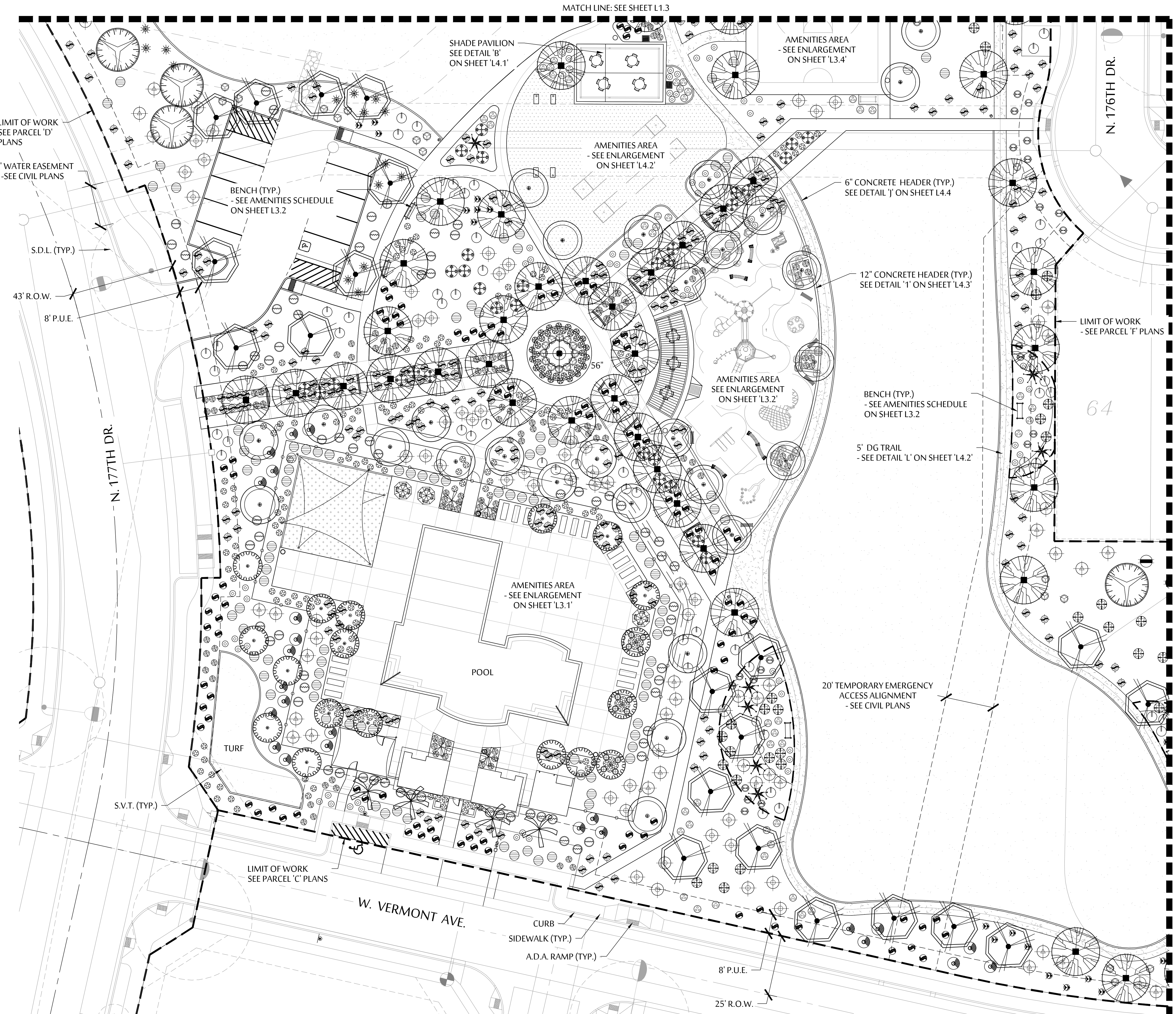
These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO.	20-78
DATE:	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA

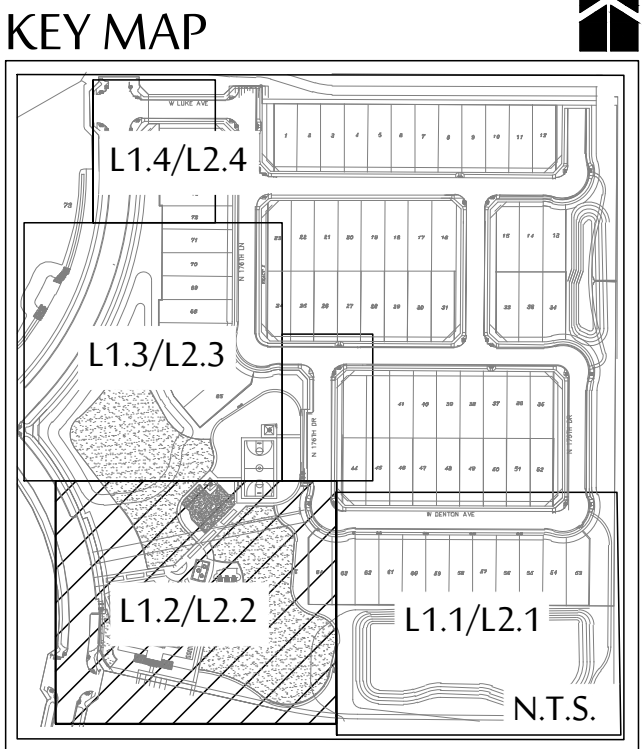
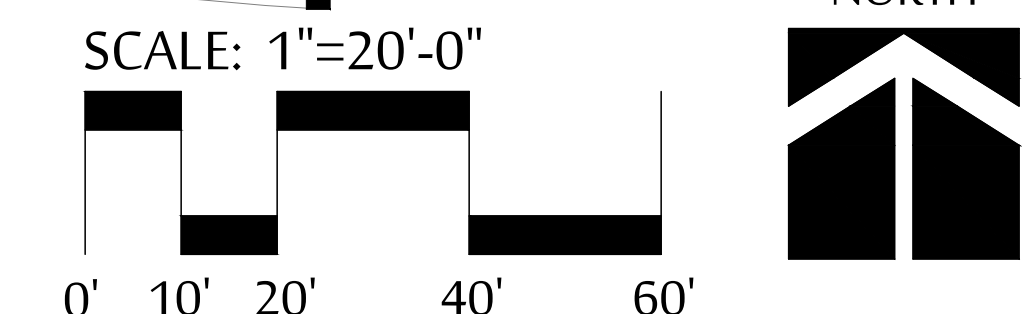
REVISIONS:	

SHEET NO.  
**L1.1**





PLANT LEGEND	
SYMBOL	BOTANICAL NAME - COMMON NAME
TREES	
	OLNEYA TESOTA - IRONWOOD
	PARKINSONIA FLORIDA - BLUE PALO VERDE
	PISTACIA CHINENSIS - CHINESE PISTACHE
	PISTACIA LENTISCUS - MASTIC TREE
	PROSOPIS HYBRID 'PHOENIX' - THORNTLESS MESQUITE
	QUERCUS VIRGINIANA - SOUTHERN LIVE OAK
	ULMUS PARVIFOLIA - EVERGREEN ELM
	PHOENIX DACTYLIFERA - DATE PALM
SHRUBS	
	BOUGAINVILLEA 'LA JOLLA' - BUSH BOUGAINVILLEA
	CAESALPINIA PULCHERRIMA - RED BIRD OF PARADISE
	CALLIANDRA CALIFORNICA - RED FAIRY DUSTER
	ENCELIA FARINOSA - BRITTLE BUSH
	JUSTICIA SPICIGERA - MEXICAN HONEYSUCKLE
	LARREA TRIDENTATA - CREOSOTE
	LAVANDULA X 'DESERT' - DESERT LAVENDER
	RUELLIA PENINSULARIS - DESERT RUELLIA
	RUSSELLIA EQUISETIFORMIS - CORAL FOUNTAIN
	SPHAERALCEA AMBIGUA - GLOW MALLOW
	TECOMA SP. 'SPARKLETTE' - SPARKLETTE TECOMA
ACCENTS	
	ALOE SPECIES 'TOPAZ' - TOPAZ ALOE
	ALOE SPECIES 'BARBADENSIS' - ALOE VERA
	ASCLEPIAS SUBULATA - DESERT MILKWEED
	CHAMAEROPS HUMILIS - MED. FAN PALM
	BOUTELOUA GRACILIS - BLONDE AMBITION
	DASYLIRION WHEELERI - DESERT SPOON
	FOUQUIERIA SPLENDENS - OCOTILLO
	HESPERALOE FUNIFERA - GIANT HESPERALOE
	MUHLENBERGIA RIGENS - DEERGRASS
	PENSTEMON PARRYI - PERRY'S PENSTEMON
	PORTULACARIA AFRA - ELEPHANT FOOD
GROUND COVERS	
	BAILEYA MULTIRADIATA - DESERT MARIGOLD
	RUELLIA BRITTONIANA 'KATIE' - KATIE RUELLIA
	LANTANA MONTEVEDENSIS - PURPLE LANTANA
	LANTANA X 'NEW GOLD' - NEW GOLD LANTANA
	DECOMPOSED GRANITE - 5/8" SCREENED COLOR TO BE 'APACHE BROWN' BY KALAMAZOO. D.G. TO BE INSTALLED AT 2" DEPTH MIN.
	DECOMPOSED GRANITE TRAIL STABILIZED, 1/4" MINUS, COLOR TO BE 'APACHE BROWN'
	MID-IRON BERMUDA TURF
	A = (2' X 3' X 4')    B = (3' X 3' X 3')    C = (3' X 4' X 4')



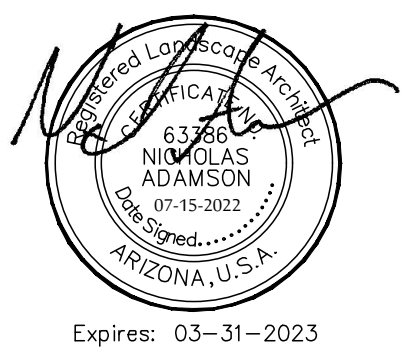
MC GOUGH  
ADAMSON

Landscape  
Architects

Land  
Planning

Irrigation

535 E. MCKELLIPS RD. SUITE 131  
MESA, ARIZONA 85203  
PHONE: (602) 997-9093



PLANTING PLAN

ALLEN RANCHES - PARCELE

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

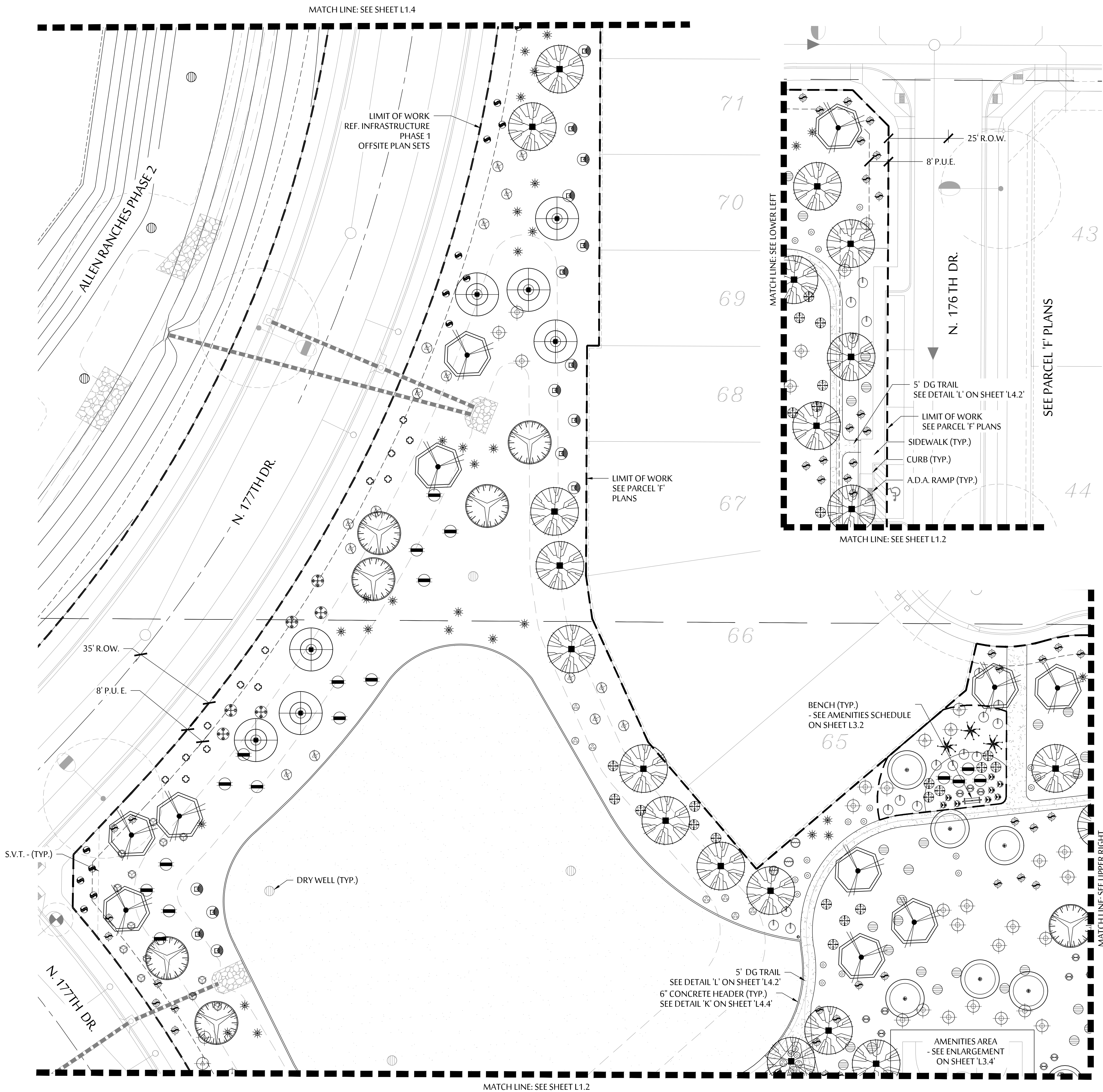
JOB NO.	20-78
DATE:	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA

REVISIONS:	

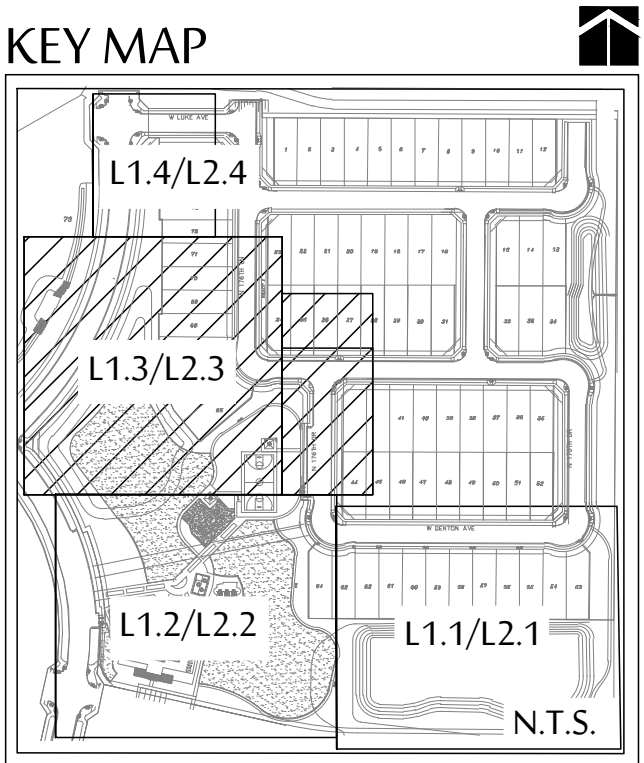
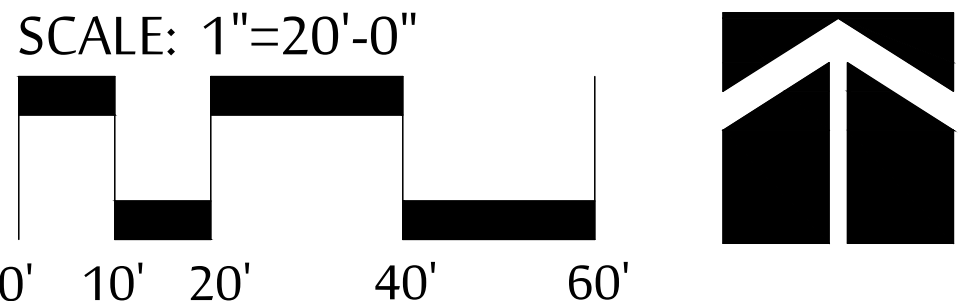
SHEET NO.

L1.2





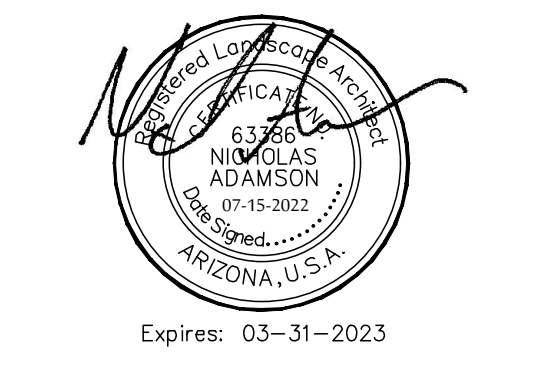
PLANT LEGEND	
SYMBOL	BOTANICAL NAME - COMMON NAME
TREES	
	OLNEYA TESOTA - IRONWOOD
	PARKINSONIA FLORIDA - BLUE PALO VERDE
	PISTACIA CHINENSIS - CHINESE PISTACHE
	PISTACIA LENTISCUS - MASTIC TREE
	PROSOPIS HYBRID 'PHOENIX' - THORNLESS MESQUITE
	QUERCUS VIRGINIANA - SOUTHERN LIVE OAK
	ULMUS PARVIFOLIA - EVERGREEN ELM
	PHOENIX DACTYLIFERA - DATE PALM
SHRUBS	
	BOUGAINVILLEA 'LA JOLLA' - BUSH BOUGAINVILLEA
	CAESALPINIA PULCHERRIMA - RED BIRD OF PARADISE
	CALLIANDRA CALIFORNICA - RED FAIRY DUSTER
	ENCELIA FARINOSA - BRITTLE BUSH
	JUSTICIA SPICIGERA - MEXICAN HONEYSUCKLE
	LARREA TRIDENTATA - CREOSOTE
	LAVANDULA X 'DESERT' - DESERT LAVENDER
	RUELLIA PENINSULARIS - DESERT RUELLIA
	RUSSELLIA EQUISETIFORMIS - CORAL FOUNTAIN
	SPHAERALCEA AMBIGUA - GLOW MALLOW
	TECOMA SP. 'SPARKLETTE' - SPARKLETTE TECOMA
ACCENTS	
	ALOE SPECIES 'TOPAZ' - TOPAZ ALOE
	ALOE SPECIES 'BARBADENSIS' - ALOE VERA
	ASCLEPIAS SUBULATA - DESERT MILKWEED
	CHAMAEROPS HUMILIS - MED. FAN PALM
	BOUTELOUA GRACILIS - BLONDE AMBITION
	DASYLIRION WHEELERI - DESERT SPOON
	FOUQUIERIA SPLENDENS - OCOTILLO
	HESPERALOE FUNIFERA - GIANT HESPERALOE
	MUHLENBERGIA RIGENS - DEERGRASS
	PENSTEMON PARRYI - PERRY'S PENSTEMON
	PORTULACARIA AFRA - ELEPHANT FOOD
GROUND COVERS	
	BAILEYA MULTIRADIATA - DESERT MARIGOLD
	RUELLIA BRITTONIANA 'KATIE' - KATIE RUELLIA
	LANTANA MONTEVEDENSIS - PURPLE LANTANA
	LANTANA X 'NEW GOLD' - NEW GOLD LANTANA
	DECOMPOSED GRANITE - 5/8" SCREENED COLOR TO BE 'APACHE BROWN' BY KALAMAZOO. D.G. TO BE INSTALLED AT 2" DEPTH MIN.
	DECOMPOSED GRANITE TRAIL STABILIZED, 1/4" MINUS, COLOR TO BE 'APACHE BROWN'
	MID-IRON BERMUDA TURF
	A = (2' X 3' X 4')    B = (3' X 3' X 3')    C = (3' X 4' X 4')



MC GOUGH  
ADAMSON

Landscape  
Architects  
  
Land  
Planning  
  
Irrigation

535 E. MCKELLIPS RD. SUITE 131  
MESA, ARIZONA 85203  
PHONE: (602) 997-9093



PLANTING PLAN

ALLEN RANCHES - PARCELE

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

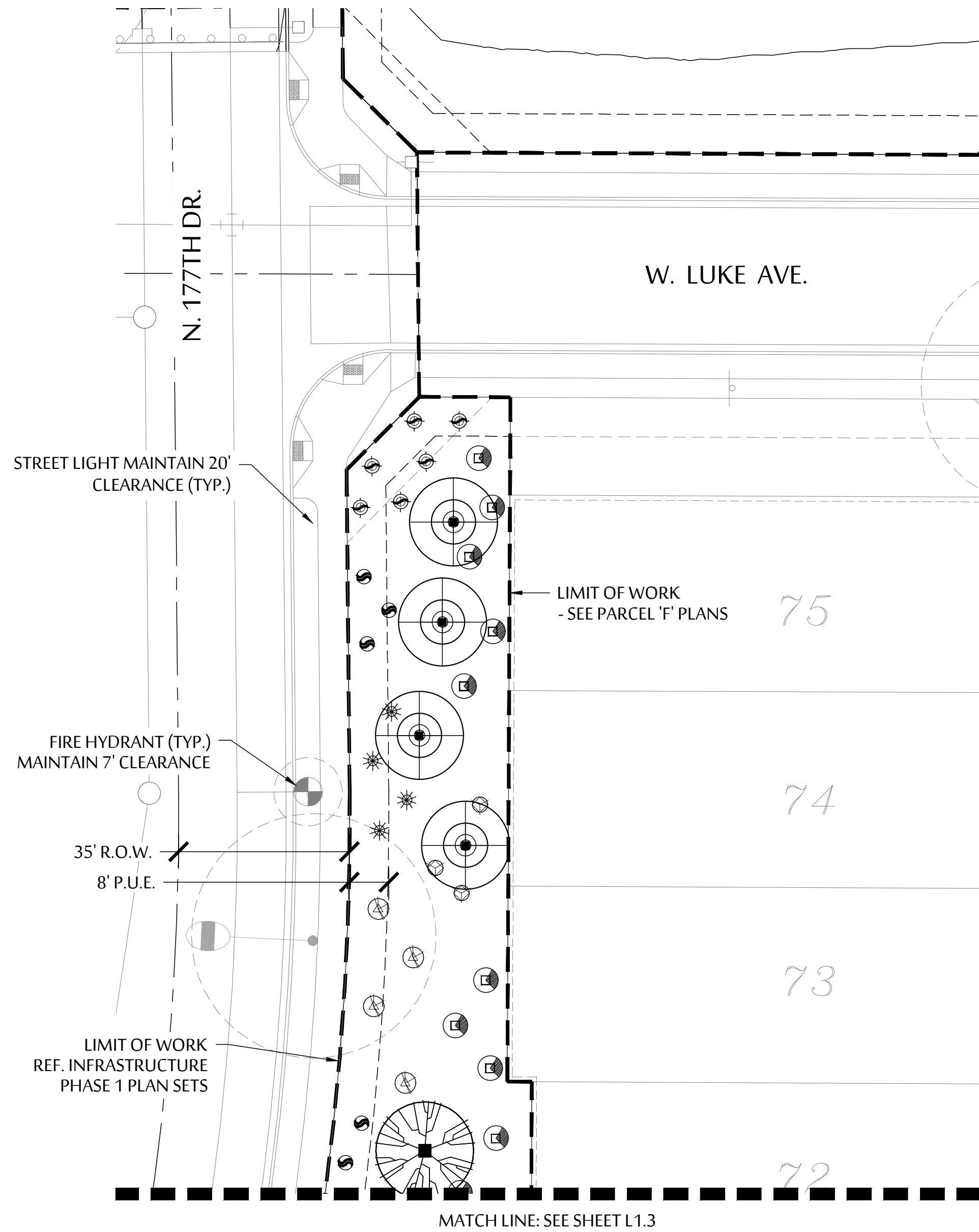
These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO.	20-78
DATE:	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA

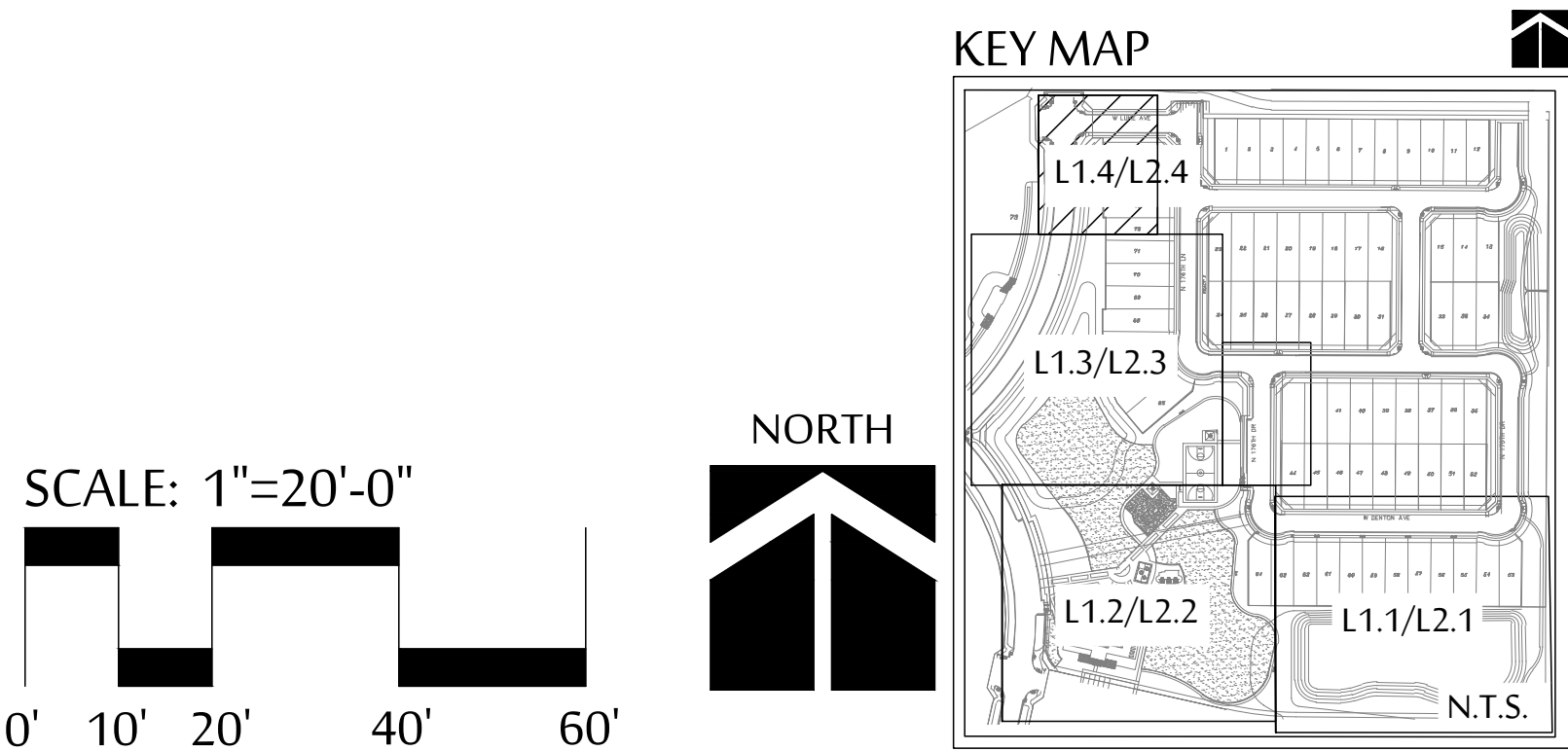
REVISIONS:	

SHEET NO.

L1.3



PLANT LEGEND	
SYMBOL	BOTANICAL NAME - COMMON NAME
TREES	
	OLNEYA TESOTA - IRONWOOD
	PARKINSONIA FLORIDA - BLUE PALO VERDE
	PISTACIA CHINENSIS - CHINESE PISTACHE
	PISTACIA LENTISCUS - MASTIC TREE
	PROSOPIS HYBRID 'PHOENIX' - THORNLESS MESQUITE
	QUERCUS VIRGINIANA - SOUTHERN LIVE OAK
	ULMUS PARVIFOLIA - EVERGREEN ELM
	PHOENIX DACTYLIFERA - DATE PALM
SHRUBS	
	BOUGAINVILLEA 'LA JOLLA' - BUSH BOUGAINVILLEA
	CAESALPINIA PULCHERRIMA - RED BIRD OF PARADISE
	CALLIANDRA CALIFORNICA - RED FAIRY DUSTER
	ENCELIA FARINOSA - BRITTLE BUSH
	JUSTICIA SPICIGERA - MEXICAN HONEYSUCKLE
	LARREA TRIDENTATA - CREOSOTE
	LAVANDULA X 'DESERT' - DESERT LAVENDER
	RUELLIA PENINSULARIS - DESERT RUELLIA
	RUSSELIA EQUISETIFORMIS - CORAL FOUNTAIN
	SPHAERALCEA AMBIGUA - GLOW MALLOW
	TECOMA SP. 'SPARKLETTE' - SPARKLETTE TECOMA
ACCENTS	
	ALOE SPECIES 'TOPAZ' - TOPAZ ALOE
	ALOE SPECIES 'BARBADENSIS' - ALOE VERA
	ASCLEPIAS SUBULATA - DESERT MILKWEED
	CHAMAEROPS HUMILIS - MED. FAN PALM
	BOUTELOUA GRACILIS - BLONDE AMBITION
	DASYLIRION WHEELERI - DESERT SPOON
	FOUQUIERIA SPLENDENS - OCOTILLO
	HESPERALOE FUNIFERA - GIANT HESPERALOE
	MUHLENBERGIA RIGENS - DEERGRASS
	PENSTEMON PARRYI - PERRY'S PENSTEMON
	PORTULACARIA AFRA - ELEPHANT FOOD
GROUND COVERS	
	BAILEYA MULTIRADIATA - DESERT MARIGOLD
	RUELLIA BRITTONIANA 'KATIE' - KATIE RUELLIA
	LANTANA MONTEVEDENSIS - PURPLE LANTANA
	LANTANA X 'NEW GOLD' - NEW GOLD LANTANA
	DECOMPOSED GRANITE - 5/8" SCREENED COLOR TO BE 'APACHE BROWN' BY KALAMAZOO. D.G. TO BE INSTALLED AT 2" DEPTH MIN.
	DECOMPOSED GRANITE TRAIL STABILIZED, 1/4" MINUS, COLOR TO BE 'APACHE BROWN'
	MID-IRON BERMUDA TURF
	A = (2' X 3' X 4')    B = (3' X 3' X 3')    C = (3' X 4' X 4')



MCGOUGH  
ADAMSON

Landscape  
Architects

Land  
Planning

Irrigation

535 E. MCKELLIPS RD. SUITE 131  
MESA, ARIZONA 85203  
PHONE: (602) 997-9093



PLANTING PLAN

ALLEN RANCHES - PARCELE

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

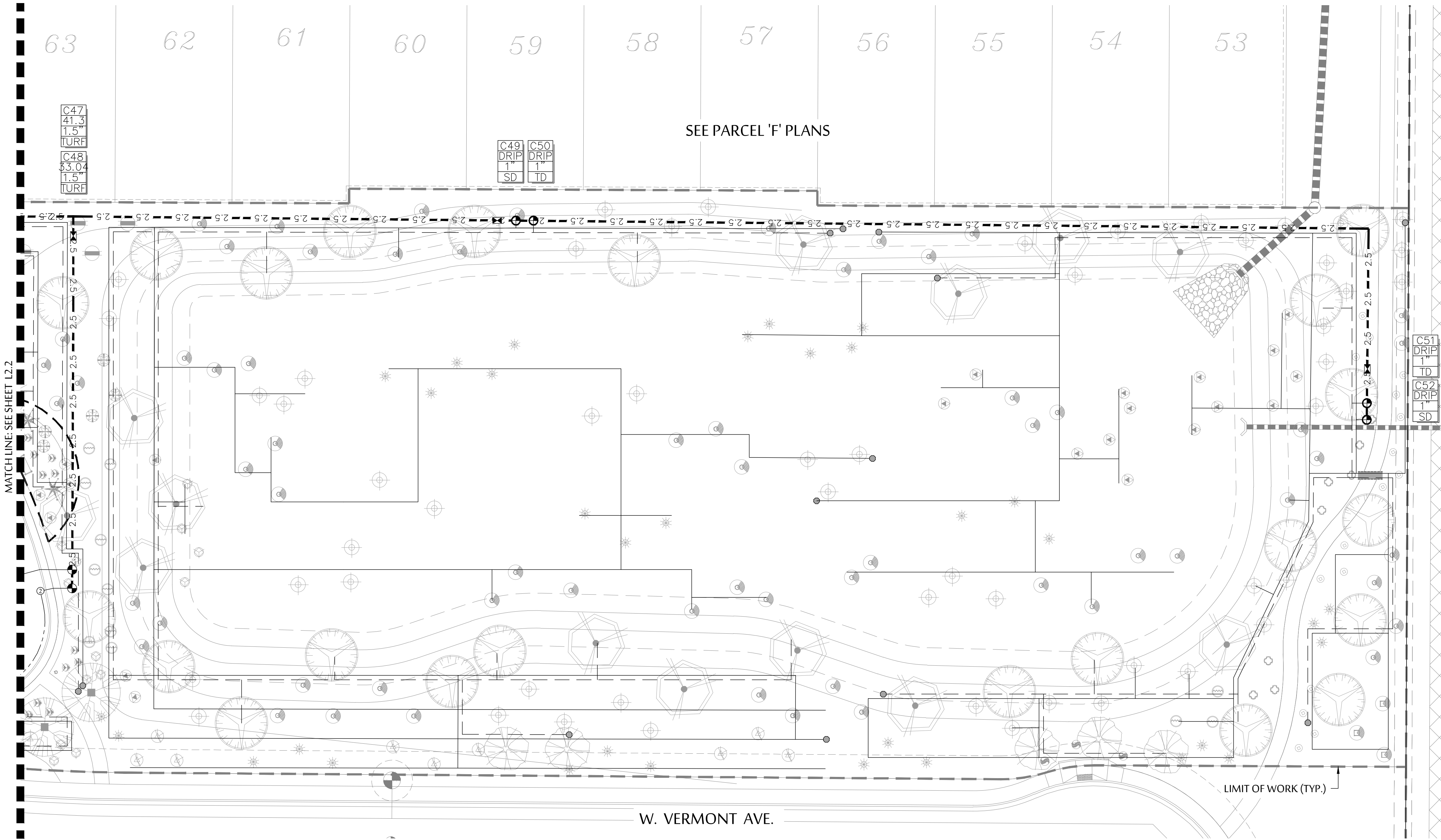
JOB NO.	20-78
DATE:	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA

REVISIONS:	

SHEET NO.

L1.4





SYMBOL	SPECIFICATION
	RAINBIRD ESP-LXD DECODER CONTROLLER C= ESP-LXD IN LXMMSSPED (PEDESTAL MOUNT) ADD WR2 - RFC (WIRELESS RAIN/FREEZE SENSOR) ADD IQ-NCC (NETWORK COMMUNICATION CARTRIDGE) *INSTALLED AS PART OF INFRASTRUCTURE SET
# ■ ■ ■ ■	MAINLINE: SIZE AS PER PLAN- SCH. 40 PVC.
---	PVC LATERAL (TREES) - CLASS 200 PVC MIN. SEE EMITTER SCHEDULE FOR TREE/EMITTER APPLICATION
---	PVC LATERAL (SHRUBS, ACCENTS, GROUNDCOVERS). CLASS 200 PVC MIN. SEE EMITTER SCHEDULE FOR EMITTER APPLICATION
---	PVC LATERAL (TURF) - SCH. 40 PVC MIN.
---	PVC LATERAL (PALMS) - CLASS 200 PVC MIN.
	HAMMOND 667 GATE VALVE- SAME SIZE AS MAINLINE.
	RAINBIRD MEDIUM FLOW DRIP KIT VALVE (PART# XCZ-100-PRB-COM) - 1 VALVE PER VALVE BOX.
	RAINBIRD PEB/PESB SERIES ELECTRIC GLOBE VALVE; (PART# 100-PESB) - 1 VALVE PER VALVE BOX.
	RAINBIRD ¾" QUICK COUPLER: #33-DLRC
	FLUSH VALVE ASSEMBLY.
	SCHEDULE SCH 40 PVC SLEEVE. SEE SLEEVING SCH.
	ADD 2" SCHEDULE SCH 40 PVC SLEEVE FOR CONTROL WIRE WHERE NECESSARY.
	CONTROLLER AND STATION. FLOW - GALLONS PER MINUTE (SEE PIPE SIZING SCH.) VALVE SIZE VALVE I.D. - SD=SHRUB DRIP, TD=TREE DRIP, T = TURF, P = PALM.
***SEE SHEET L4.5 FOR ALL IRRIGATION DETAILS***	
***CONTRACTOR MUST HAVE OWNER/LANDSCAPE ARCHITECT APPROVAL FOR ALL IRRIGATION EQUIPMENT ALTERNATES/EQUIVALENTS***	

**EMITTER SCHEDULE**  
TREES: ALL TREES TO RECEIVE (2) RAINBIRD RWS TUBES. EACH TUBE TO BE SET UP AS SPECIFIED BELOW.  
- USE RWS-B-C, 4" DIAMETER X 36" DEPTH TUBES.  
- USE XBT-10-6 MULTI-PORT EMITTERS IN EACH TUBE.  
- (4) PORTS ARE TO REMAIN IN THE RWS TREE TUBE.  
- (2) PORTS ARE TO RUN TO THE SURFACE, EQUALLY SPACED AROUND THE TRUNK.

**SHRUBS/GROUND COVERS:**  
- USE RAINBIRD XBT-20-6 MULTI-PORT EMITTERS  
- (1) PORT PER SHRUB/GROUND COVER

**ACCENTS:**  
- USE RAINBIRD XBT-10-6 MULTI-PORT EMITTERS  
- (1) PORT PER ACCENT PLANT

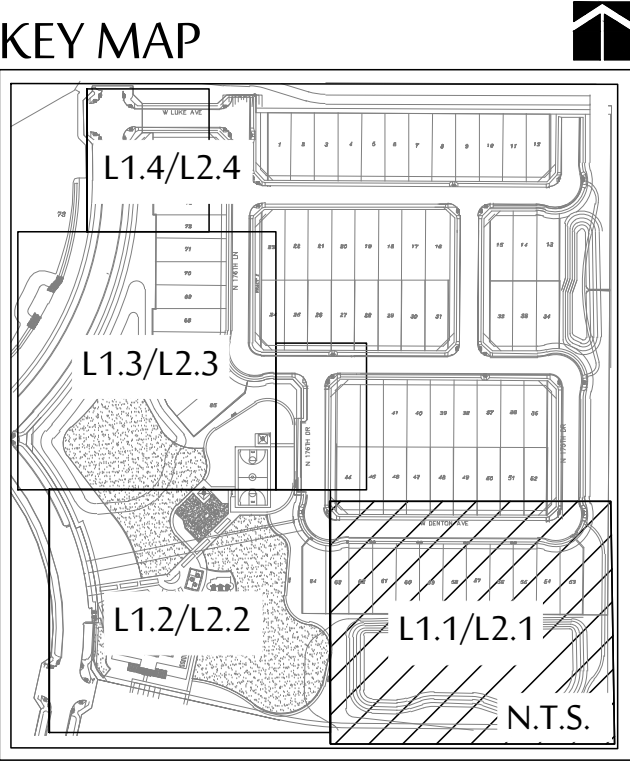
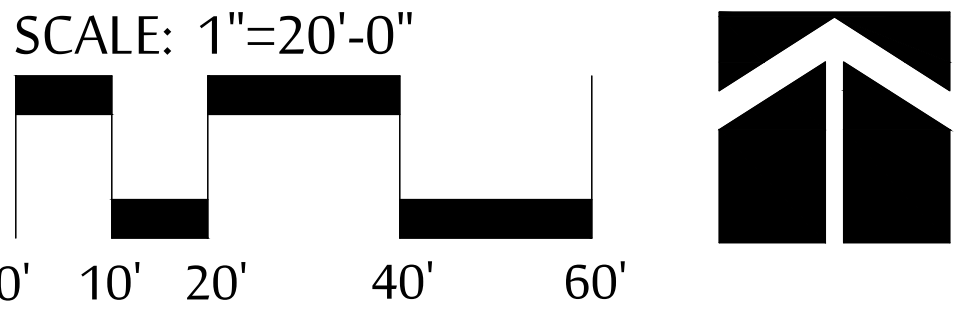
\* MULTI-PORT EMITTERS TO BE INSTALLED IN 6" ECONOMY BOXES.  
\*\* MAXIMUM ¼" POLY TUBE RUN TO BE 5' IN LENGTH.

**POP UP ROTOR/SPRAY HEAD SCHEDULE**  
RAINBIRD R-VAN SERIES VARIABLE ARC NOZZLES  
- USE WITH RAINBIRD RD1800 SAM SERIES HEADS (RD-04-S-P45-F)

R-VAN18  
RAINBIRD 3500 SERIES ROTORS (3504-PC-SAM)

3.0 NOZZLE      4.0 NOZZLE

\* ALL TURF SPRAYS AND ROTORS HAVE BEEN DESIGNED TO OPERATE AT 45 PSI. CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT IF PRESSURE IN THE FIELD IS NOT SUFFICIENT.



MCGOUGH  
ADAMSON

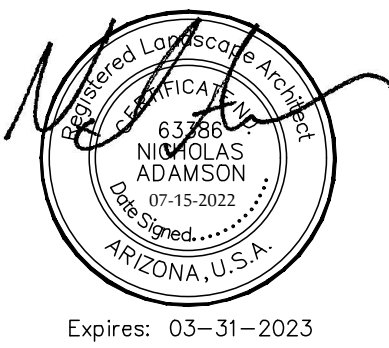
Landscape  
Architects

Land  
Planning

Irrigation

535 E. MCKELLIPS RD. SUITE 131  
MESA, ARIZONA 85203

PHONE: (602) 997-9093



IRRIGATION PLAN

ALLEN RANCHES - PARCELE

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

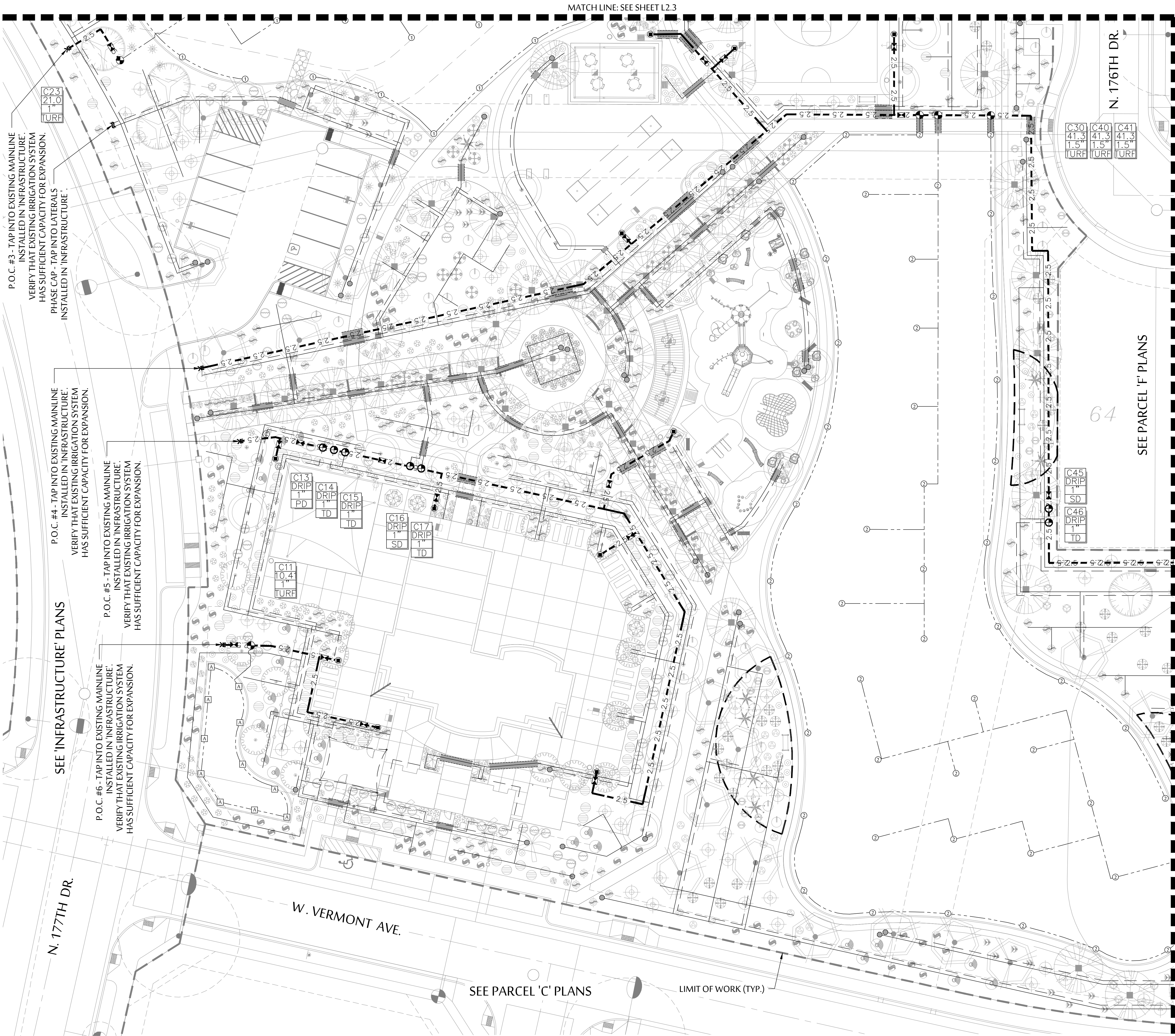
These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO.	20-78
DATE:	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA

REVISIONS:

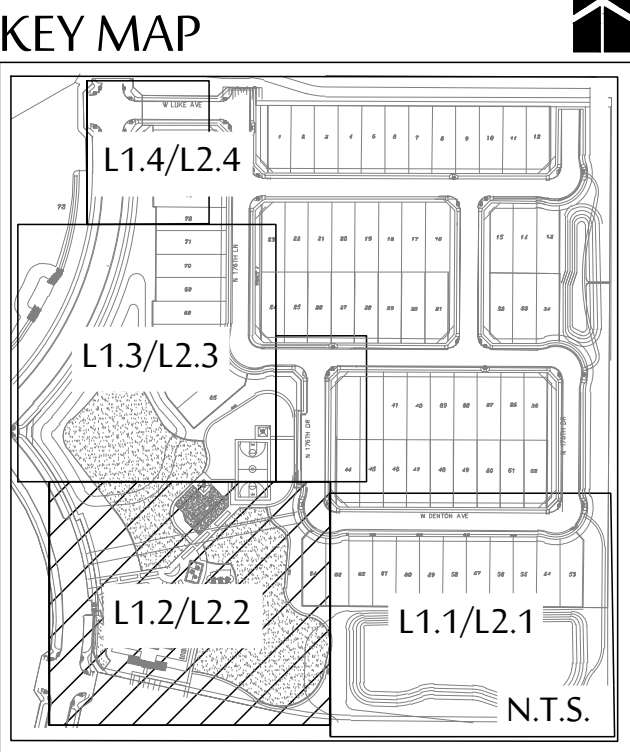

SHEET NO.  
**L2.1**





IRRIGATION SCHEDULE	
SYMBOL	SPECIFICATION
	RAINBIRD ESP-LXD DECODER CONTROLLER C= ESP-LXD IN LXMMSSPED (PEDESTAL MOUNT) ADD WR2 - RFC (WIRELESS RAIN/FREEZE SENSOR) ADD IQ-NCC (NETWORK COMMUNICATION CARTRIDGE) *INSTALLED AS PART OF INFRASTRUCTURE SET
	MAINLINE: SIZE AS PER PLAN- SCH. 40 PVC.
	PVC LATERAL (TREES)- CLASS 200 PVC MIN. SEE EMITTER SCHEDULE FOR TREE/EMITTER APPLICATION
	PVC LATERAL (SHRUBS, ACCENTS, GROUNDCOVERS). CLASS 200 PVC MIN. SEE EMITTER SCHEDULE FOR EMITTER APPLICATION
	PVC LATERAL (TURF) - SCH. 40 PVC MIN.
	PVC LATERAL (PALMS) - CLASS 200 PVC MIN.
	HAMMOND 667 GATE VALVE- SAME SIZE AS MAINLINE.
	RAINBIRD MEDIUM FLOW DRIP KIT VALVE (PART# XCZ-100-PRB-COM) - 1 VALVE PER VALVE BOX.
	RAINBIRD PEB/PESB SERIES ELECTRIC GLOBE VALVE; (PART# 100-PESB) - 1 VALVE PER VALVE BOX.
	RAINBIRD 3/4" QUICK COUPLER: #33-DLRC
	FLUSH VALVE ASSEMBLY.
	SCHEDULE SCH 40 PVC SLEEVE. SEE SLEEVING SCH.
	ADD 2" SCHEDULE SCH 40 PVC SLEEVE FOR CONTROL WIRE WHERE NECESSARY.
	CONTROLLER AND STATION. FLOW - GALLONS PER MINUTE (SEE PIPE SIZING SCH.) VALVE SIZE VALVE I.D. - SD=SHRUB DRIP, TD=TREE DRIP, T = TURF, P = PALM.
***SEE SHEET L4.5 FOR ALL IRRIGATION DETAILS***	
***CONTRACTOR MUST HAVE OWNER/LANDSCAPE ARCHITECT APPROVAL FOR ALL IRRIGATION EQUIPMENT ALTERNATES/EQUIVALENTS***	

EMITTER SCHEDULE	
TREES: ALL TREES TO RECEIVE (2) RAINBIRD RWS TUBES. EACH TUBE TO BE SET UP AS SPECIFIED BELOW. - USE RWS-B-C, 4" DIAMETER X 36" DEPTH TUBES. - USE XBT-10-6 MULTI-PORT EMITTERS IN EACH TUBE. - (4) PORTS ARE TO REMAIN IN THE RWS TREE TUBE. - (2) PORTS ARE TO RUN TO THE SURFACE, EQUALLY SPACED AROUND THE TRUNK.	
SHRUBS/GROUND COVERS: - USE RAINBIRD XBT-20-6 MULTI-PORT EMITTERS - (1) PORT PER SHRUB/GROUND COVER	
ACCENTS: - USE RAINBIRD XBT-10-6 MULTI-PORT EMITTERS - (1) PORT PER ACCENT PLANT * MULTI-PORT EMITTERS TO BE INSTALLED IN 6" ECONOMY BOXES. ** MAXIMUM 1/4" POLY TUBE RUN TO BE 5' IN LENGTH.	
POP UP ROTOR/SPRAY HEAD SCHEDULE RAINBIRD R-VAN SERIES VARIABLE ARC NOZZLES - USE WITH RAINBIRD RD1800 SAM SERIES HEADS (RD-04-S-P45-F)	
	R-VAN18
RAINBIRD 3500 SERIES ROTORS (3504-PC-SAM)	
	3.0 NOZZLE
	4.0 NOZZLE
* ALL TURF SPRAYS AND ROTORS HAVE BEEN DESIGNED TO OPERATE AT 45 PSI. CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT IF PRESSURE IN THE FIELD IS NOT SUFFICIENT.	



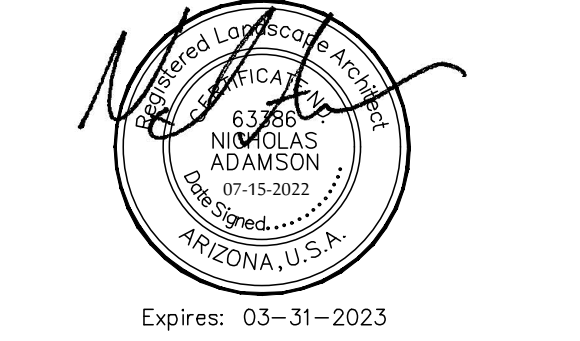
McGough Adamson

Landscape Architects

Land Planning

Irrigation

335 E. McKellips Rd. Suite 131  
Mesa, Arizona 85203  
Phone: (602) 997-9093



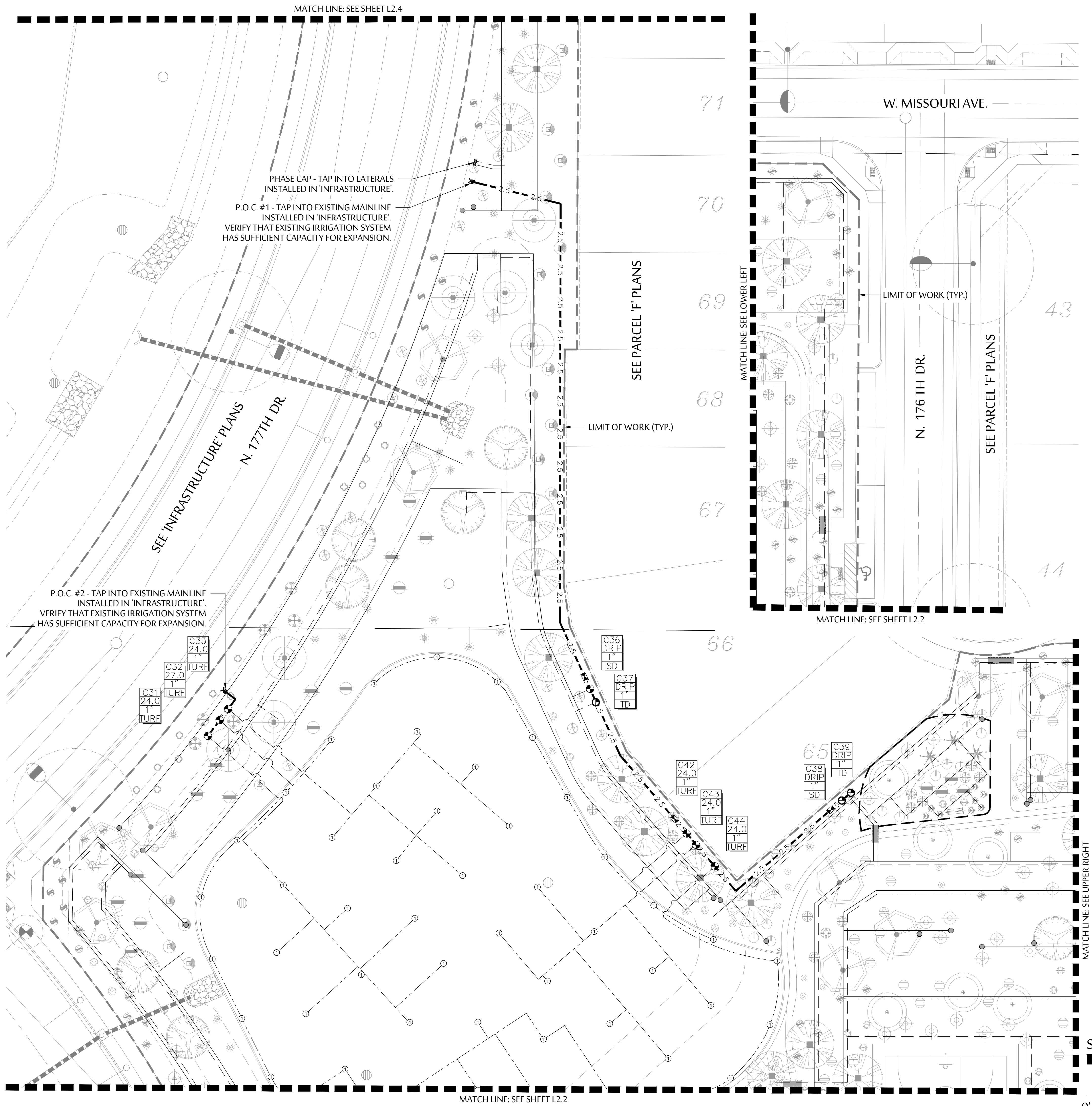
IRRIGATION PLAN

ALLEN RANCHES - PARCELS

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.	
These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.	
JOB NO.	20-78
DATE	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA
REVISIONS:	
SHEET NO.	
L2.2	

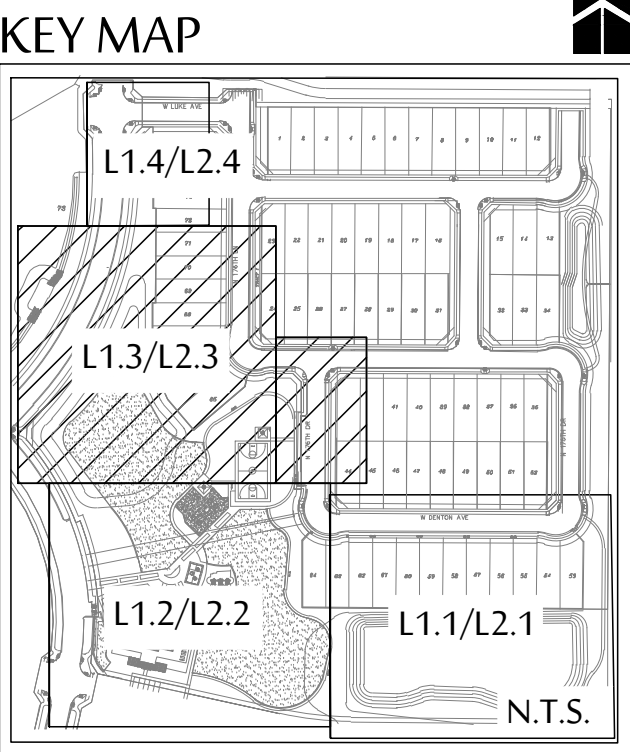




IRRIGATION SCHEDULE	
SYMBOL	SPECIFICATION
	RAINBIRD ESP-LXD DECODER CONTROLLER C= ESP-LXD IN LXMMSSPED (PEDESTAL MOUNT) ADD WR2 - RFC (WIRELESS RAIN/FREEZE SENSOR) ADD IQ-NCC (NETWORK COMMUNICATION CARTRIDGE) *INSTALLED AS PART OF INFRASTRUCTURE SET
# ■ ■ ■ ■	MAINLINE: SIZE AS PER PLAN- SCH. 40 PVC.
---	PVC LATERAL (TREES) - CLASS 200 PVC MIN. SEE EMITTER SCHEDULE FOR TREE/EMITTER APPLICATION
---	PVC LATERAL (SHRUBS, ACCENTS, GROUNDCOVERS). CLASS 200 PVC MIN. SEE EMITTER SCHEDULE FOR EMITTER APPLICATION
---	PVC LATERAL (TURF) - SCH. 40 PVC MIN.
---	PVC LATERAL (PALMS) - CLASS 200 PVC MIN.
	HAMMOND 667 GATE VALVE- SAME SIZE AS MAINLINE.
	RAINBIRD MEDIUM FLOW DRIP KIT VALVE (PART# XCZ-100-PRB-COM) - 1 VALVE PER VALVE BOX.
	RAINBIRD PEB/PESB SERIES ELECTRIC GLOBE VALVE; (PART# 100-PESB) - 1 VALVE PER VALVE BOX.
	RAINBIRD 3/4" QUICK COUPLER: #33-DLRC
	FLUSH VALVE ASSEMBLY.
	SCHEDULE SCH 40 PVC SLEEVE. SEE SLEEVING SCH.
	ADD 2" SCHEDULE SCH 40 PVC SLEEVE FOR CONTROL WIRE WHERE NECESSARY.
<div>C1 DRIP 1" SD</div>	CONTROLLER AND STATION. FLOW - GALLONS PER MINUTE (SEE PIPE SIZING SCH.) VALVE SIZE VALVE I.D. - SD=SHRUB DRIP, TD=TREE DRIP, T = TURF, P = PALM.
***SEE SHEET L4.5 FOR ALL IRRIGATION DETAILS***	
***CONTRACTOR MUST HAVE OWNER/LANDSCAPE ARCHITECT APPROVAL FOR ALL IRRIGATION EQUIPMENT ALTERNATES/EQUIVALENTS***	

- EMITTER SCHEDULE**  
TREES: ALL TREES TO RECEIVE (2) RAINBIRD RWS TUBES. EACH TUBE TO BE SET UP AS SPECIFIED BELOW.  
- USE RWS-B-C, 4" DIAMETER X 36" DEPTH TUBES.  
- USE XBT-10-6 MULTI-PORT EMITTERS IN EACH TUBE.  
- (4) PORTS ARE TO REMAIN IN THE RWS TREE TUBE.  
- (2) PORTS ARE TO RUN TO THE SURFACE, EQUALLY SPACED AROUND THE TRUNK.
- SHRUBS/GROUND COVERS:**  
- USE RAINBIRD XBT-20-6 MULTI-PORT EMITTERS  
- (1) PORT PER SHRUB/GROUND COVER
- ACCENTS:**  
- USE RAINBIRD XBT-10-6 MULTI-PORT EMITTERS  
- (1) PORT PER ACCENT PLANT
- \* MULTI-PORT EMITTERS TO BE INSTALLED IN 6" ECONOMY BOXES.  
\*\* MAXIMUM 1/4" POLY TUBE RUN TO BE 5' IN LENGTH.
- POP UP ROTOR/SPRAY HEAD SCHEDULE**  
RAINBIRD R-VAN SERIES VARIABLE ARC NOZZLES  
- USE WITH RAINBIRD RD1800 SAM SERIES HEADS (RD-04-S-P45-F)

- A** R-VAN18  
RAINBIRD 3500 SERIES ROTORS (3504-PC-SAM)
- ① 3.0 NOZZLE      ② 4.0 NOZZLE
- \* ALL TURF SPRAYS AND ROTORS HAVE BEEN DESIGNED TO OPERATE AT 45 PSI. CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT IF PRESSURE IN THE FIELD IS NOT SUFFICIENT.



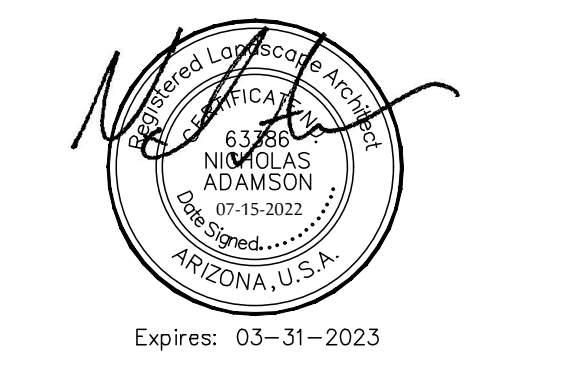
McGough  
Adamson

Landscape  
Architects

Land  
Planning

Irrigation

335 E. McKellips Rd. Suite 131  
Mesa, Arizona 85203  
Phone: (602) 997-9093



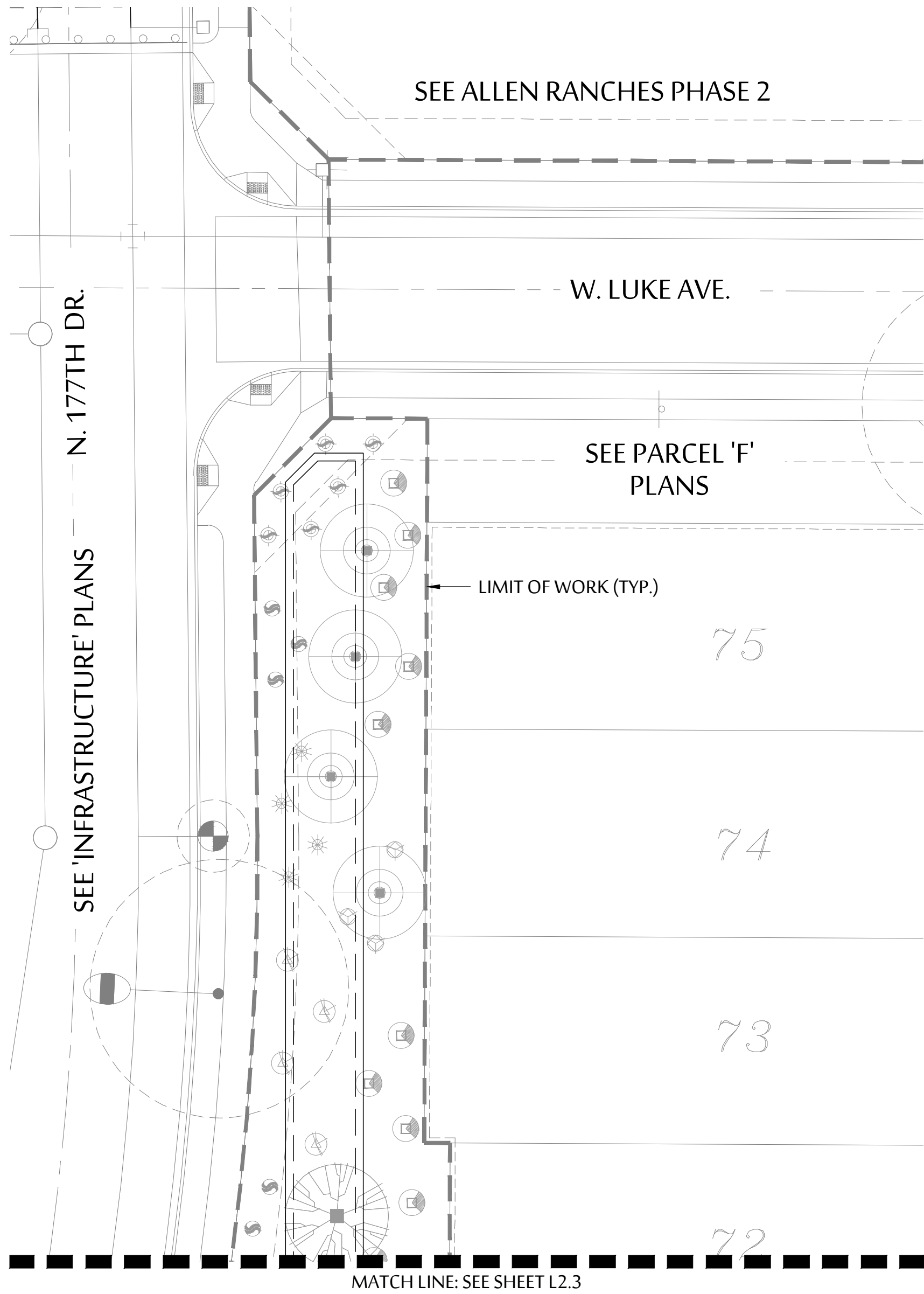
IRRIGATION PLAN

ALLEN RANCHES - PARCELS

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.	
These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.	
JOB NO.	20-78
DATE:	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA
REVISIONS:	
SHEET NO.	
L2.3	





IRRIGATION SCHEDULE

SYMBOL	SPECIFICATION
	RAINBIRD ESP-LXD DECODER CONTROLLER C= ESP-LXD IN LXMMSSPED (PEDESTAL MOUNT) ADD WR2 - RFC (WIRELESS RAIN/FREEZE SENSOR. ADD IQ-NCC (NETWORK COMMUNICATION CARTRIDGE) *INSTALLED AS PART OF INFRASTRUCTURE SET
# ■ ■ ■ ■	MAINLINE: SIZE AS PER PLAN- SCH. 40 PVC.
---	PVC LATERAL (TREES) - CLASS 200 PVC MIN. SEE EMITTER SCHEDULE FOR TREE/EMITTER APPLICATION
----	PVC LATERAL (SHRUBS, ACCENTS, GROUNDCOVERS). CLASS 200 PVC MIN. SEE EMITTER SCHEDULE FOR EMITTER APPLICATION
-----	PVC LATERAL (TURF) - SCH. 40 PVC MIN.
-----	PVC LATERAL (PALMS) - CLASS 200 PVC MIN.
	HAMMOND 667 GATE VALVE- SAME SIZE AS MAINLINE.
	RAINBIRD MEDIUM FLOW DRIP KIT VALVE (PART# XCZ-100-PRB-COM) - 1 VALVE PER VALVE BOX.
	RAINBIRD PEB/PESB SERIES ELECTRIC GLOBE VALVE; (PART# 100-PESB) - 1 VALVE PER VALVE BOX.
	RAINBIRD 3/4" QUICK COUPLER: #33-DLRC
	FLUSH VALVE ASSEMBLY.
	SCHEDULE SCH 40 PVC SLEEVE. SEE SLEEVING SCH.
	ADD 2" SCHEDULE SCH 40 PVC SLEEVE FOR CONTROL WIRE WHERE NECESSARY.
<div>C1 DRIP 1" SD</div>	CONTROLLER AND STATION. FLOW - GALLONS PER MINUTE (SEE PIPE SIZING SCH.) VALVE SIZE VALVE I.D. - SD=SHRUB DRIP, TD=TREE DRIP, T = TURF, P = PALM.
***SEE SHEET L4.5 FOR ALL IRRIGATION DETAILS***	
***CONTRACTOR MUST HAVE OWNER/LANDSCAPE ARCHITECT APPROVAL FOR ALL IRRIGATION EQUIPMENT ALTERNATES/EQUIVALENTS***	

EMITTER SCHEDULE

- TREES: ALL TREES TO RECEIVE (2) RAINBIRD RWS TUBES. EACH TUBE TO BE SET UP AS SPECIFIED BELOW.
- USE RWS-B-C, 4" DIAMETER X 36" DEPTH TUBES.
  - USE XBT-10-6 MULTI-PORT EMITTERS IN EACH TUBE.
  - (4) PORTS ARE TO REMAIN IN THE RWS TREE TUBE.
  - (2) PORTS ARE TO RUN TO THE SURFACE, EQUALLY SPACED AROUND THE TRUNK.
- SHRUBS/GROUND COVERS:
- USE RAINBIRD XBT-20-6 MULTI-PORT EMITTERS
  - (1) PORT PER SHRUB/GROUND COVER
- ACCENTS:
- USE RAINBIRD XBT-10-6 MULTI-PORT EMITTERS
  - (1) PORT PER ACCENT PLANT
- \* MULTI-PORT EMITTERS TO BE INSTALLED IN 6" ECONOMY BOXES.  
\*\* MAXIMUM 1/4" POLY TUBE RUN TO BE 5' IN LENGTH.

POP UP ROTOR/SPRAY HEAD SCHEDULE

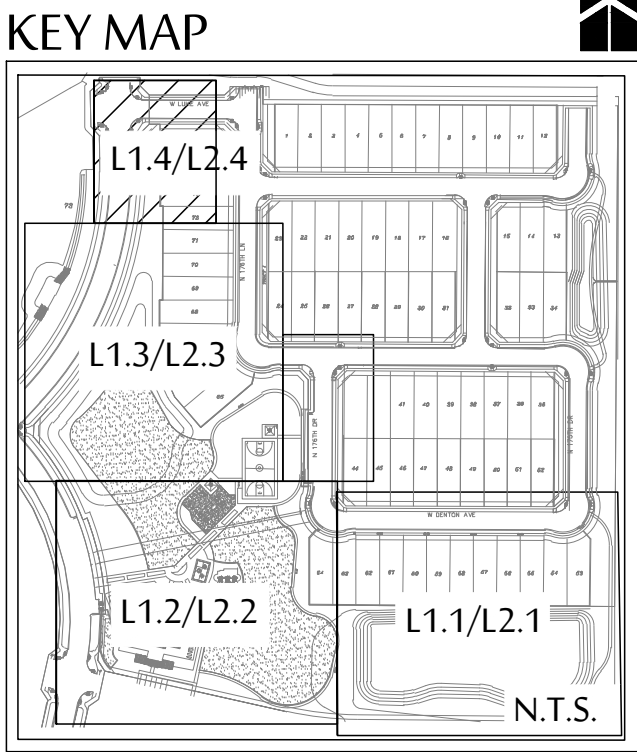
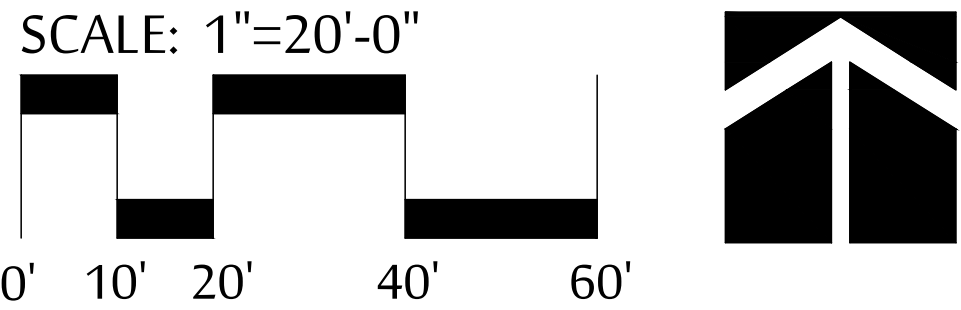
- RAINBIRD R-VAN SERIES VARIABLE ARC NOZZLES
- USE WITH RAINBIRD RD1800 SAM SERIES HEADS (RD-04-S-P45-F)
- A

 R-VAN18
- RAINBIRD 3500 SERIES ROTORS (3504-PC-SAM)
- 1

 3.0 NOZZLE      

2

 4.0 NOZZLE
- \* ALL TURF SPRAYS AND ROTORS HAVE BEEN DESIGNED TO OPERATE AT 45 PSI. CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT IF PRESSURE IN THE FIELD IS NOT SUFFICIENT.



MCGOUGH  
ADAMSON

Land  
Planning  
Irrigation

535 E. MCKELLIPS RD. SUITE 131  
MESA, ARIZONA 85203

PHONE: (602) 997-9093



IRRIGATION PLAN

ALLEN RANCHES - PARCELE

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

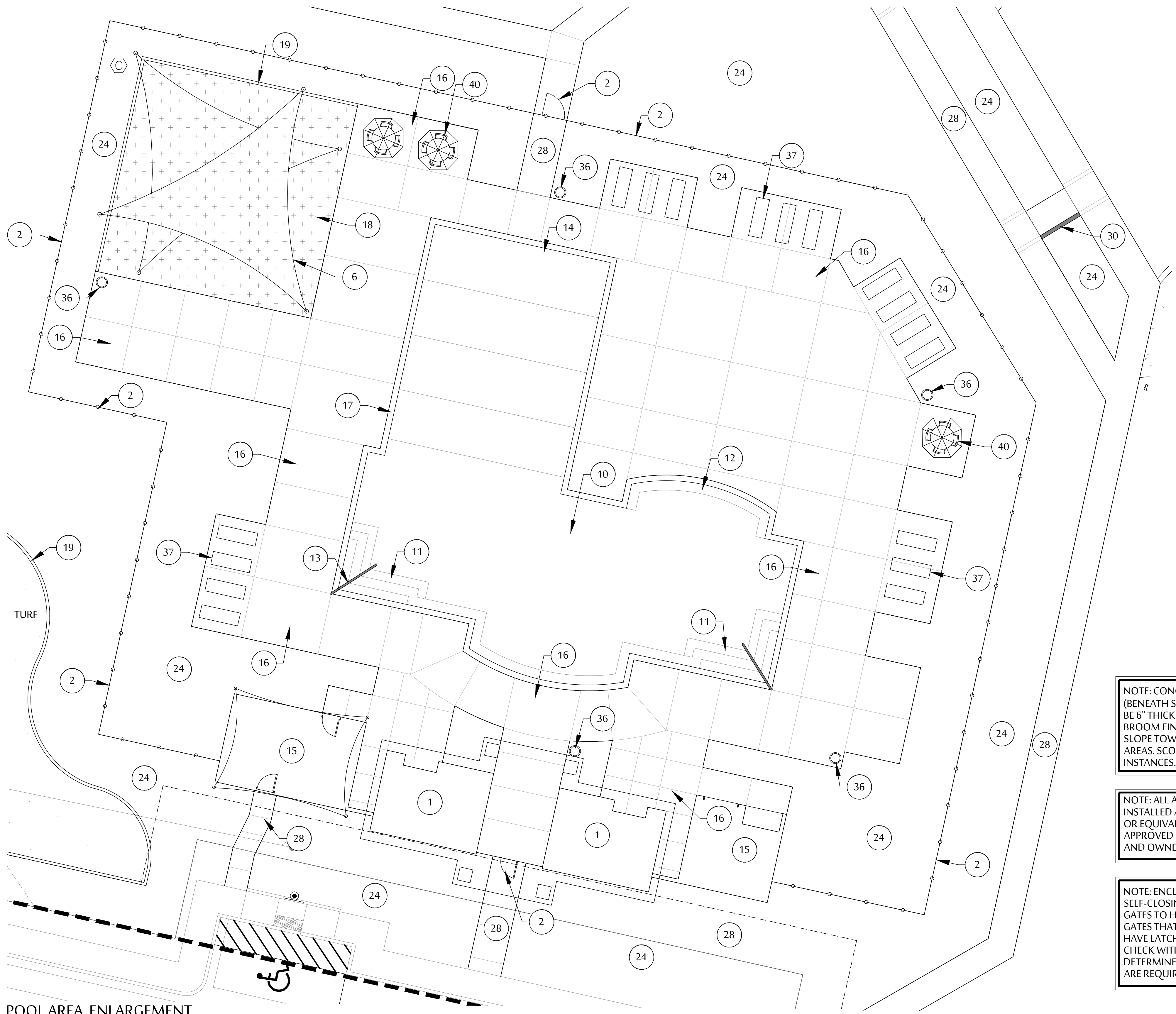
JOB NO.	20-78
DATE:	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA

REVISIONS:	

SHEET NO.

L2.4





POOL AREA ENLARGEMENT

NOTES:

1. APPROXIMATE MATERIAL QUANTITIES BELOW ARE PROVIDED FOR CONVENIENCE, HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR CALCULATING THE MATERIAL TOTALS NECESSARY TO COMPLETE THE JOB.
2. SEE THIS SHEET FOR POOL FENCE LOCATION.
3. SITE FURNISHINGS NOT LISTED ARE TO BE SUPPLIED BY OWNER.
4. REFER TO THE PLANT LEGEND ON THE COVER SHEET FOR DECOMPOSED GRANITE AND TURF QUANTITIES.

MATERIALS QUANTITIES:

- POOL DECKING COLOR (FIELD)  $\approx$  8,387 SQ.FT.
- POOL COPING  $\approx$  317 LN.FT.
- NON-SLIP POOL TILE (KEYNOTE #14)  $\approx$  384 SQ. FT.
- BASKETBALL COURT PAVING  $\approx$  2,960 SQ.FT.
- SCORED CONCRETE (KEYNOTE #28)  $\approx$  13,168 SQ.FT.
- INFIELD MIX  $\approx$  7,290 SQ.FT.
- D.G. TRAIL  $\approx$  7,758 SQ.FT.
- ARTIFICIAL TURF AT POOL  $\approx$  1,490 SQ.FT.

CONCRETE SPECS:

- SCORED CONCRETE PAVING TO BE INSTALLED AS SHOWN ON HARDSCAPE PLANS.
2. CONCRETE TO BE 3500 PSI MIN.
  3. COLOR TO BE PER HARDSCAPE PLANS.
  4. REFER TO CIVIL PLANS AND DETAILS FOR SIDEWALK THICKNESS, REINFORCEMENT AND SUB-GRADE PREPARATION.

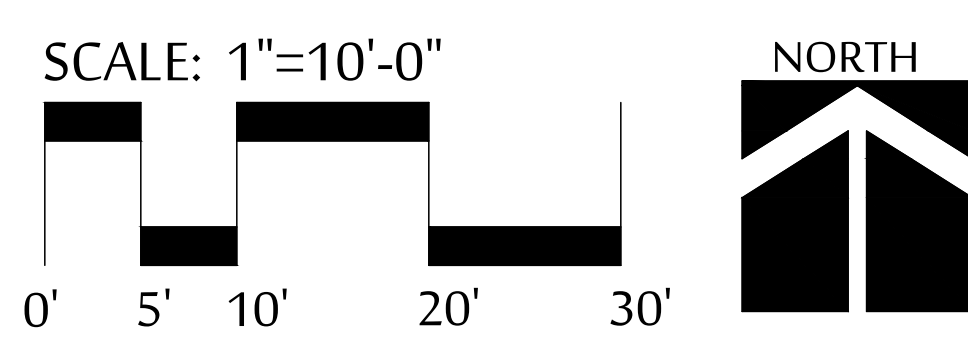
NOTE: CONCRETE SLAB SEATING AREAS (BENEATH SHADE STRUCTURES) ARE TO BE 6" THICK MIN. AND HAVE A MEDIUM BROOM FINISH. SLAB TO HAVE A 2% MAX. SLOPE TOWARD LANDSCAPE OR TURF AREAS. SCORE AS SHOWN. TYP. OF ALL INSTANCES.

NOTE: ALL AMENITIES ARE TO BE INSTALLED AS SPECIFIED ON THIS SHEET OR EQUIVALENT. EQUIVALENT MUST BE APPROVED BY LANDSCAPE ARCHITECT AND OWNER PRIOR TO SUBSTITUTION.

NOTE: ENCLOSURE GATES TO BE SELF-CLOSING AND OPEN OUTWARD. GATES TO HAVE KEY FOB CAPABILITIES. GATES THAT ARE NOT LOCKED ARE TO HAVE LATCHES MOUNTED AT 54" HT. MIN. CHECK WITH FIRE DEPARTMENT TO DETERMINE IF EMERGENCY ACCESS GATES ARE REQUIRED.

NOTE: ALL OPEN SPACE SIDEWALKS AND PAVED AMENITIES AREAS TO BE PER MAG STANDARD DETAIL 230 UNLESS OTHERWISE SPECIFIED.

NOTE: LIGHT LOCATIONS SEE SITE ELECTRICAL PLANS



HARDSCAPE KEY NOTE LEGEND

- 01 MAIN ENTRY AND BATHROOMS - SEE ARCHITECTURAL PLANS
- 02 POOL FENCING/ENCLOSURE W/ (2) 4' WIDE PEDESTRIAN GATES - SEE DETAIL 'B' ON SHEET L4.2 (487 LN.FT. OF POOL FENCING) - CONTRACTOR TO VERIFY
- 03 NOT USED
- 04 NOT USED
- 05 SHADE PAVILION AT BBQ - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 06 SHADE SAIL STRUCTURE AT ARTIFICIAL TURF - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 07 SHADE TRELLIS AT PLAYGROUND - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 08 NOT USED
- 09 NOT USED
- 10 SWIMMING POOL - SEE SWIMMING POOL PLANS.
- 11 POOL STEPS - SEE SWIMMING POOL PLANS.
- 12 POOL BENCH - SEE SWIMMING POOL PLANS.
- 13 POOL HANDRAILS - SEE SWIMMING POOL PLANS.
- 14 NON-SLIP POOL TILE - SEE SWIMMING POOL PLANS. MANUFACTURER: DAL TILE, MODEL: CITY LIGHTS, COLOR: CAPRI (CL68)
- 15 POOL EQUIPMENT AREA - SEE ARCH. PLANS
- 16 POOL DECK - TO BE KOOLDEK - SCORED LIKE PLAN. COLOR 'SAND BUFF' OR EQUAL. COORDINATE WITH POOL BUILDER.
- 17 POOL COPING - 12" X 24" ARTISTIC PAVER COPING - DESERT SERIES - SHELLOCK. COLOR TO BE 'COOL WHITE' - COORDINATE WITH POOL BUILDER
- 18 ARTIFICIAL TURF - 1-5/8" OLIVE LUSH BY EASYTURF. 3LBS SAND INFILL. SEE DETAIL 'M' ON SHEET L4.2
- 19 6" CONCRETE HEADER (TYP.) - SEE DETAIL 'J' ON SHEET L4.4
- 20 12" CONCRETE HEADER (TYP.) - SEE DETAIL 'I' ON SHEET L4.3
- 21 PLAYGROUND TURNDOWN (TYP.) - SEE DETAIL 'K' ON SHEET L4.3
- 22 PLAYGROUND RAMP (TYP.) - SEE DETAIL 'J' ON SHEET L4.3
- 23 ENGINEERED WOOD FIBER MULCH (TYP.) - SEE DETAIL 'K' ON SHEET L4.3
- 24 DECOMPOSED GRANITE - 3/4" SCREENED, COLOR: 'APACHE BROWN'
- 25 IN-FIELD MIX (TYP.) - SEE DETAIL 'K' ON SHEET L4.2
- 26 DECOMPOSED GRANITE TRAIL - SEE DETAIL 'L' ON SHEET L4.2
- 27 NOT USED
- 28 CONCRETE SIDEWALK/PAVING PER MAG STD. 230 - SEE CIVIL PLANS.
- 29 NOT USED
- 30 SEAT WALL - SEE DETAIL 'A' ON SHEET L4.3.
- 31 NOT USED
- 32 LARGE BBQ GRILL (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 33 PICNIC TABLE - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 34 6' BENCH (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 35 6' FLAT BENCH (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 36 TRASH RECEPTACLE - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 37 LOUNGER (TYP.) - FOR REFERENCE ONLY (BY OWNER)
- 38 PET WASTE STATION (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 39 BASKETBALL COURT (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 40 PICNIC TABLE W/UMBRELLA (TYP.) - FOR REFERENCE ONLY (BY OWNER)
- 41 BAG TOSS (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 42 HORSESHOE PIT (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 43 LARGE PLAYGROUND (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 44 SMALL PLAYGROUND (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.

MCGOUGH  
ADAMSON

Landscape  
Architects

Land  
Planning

Irrigation

535 E. MCKELLIPS RD. SUITE 131  
MESA, ARIZONA 85203

PHONE: (602) 997-9093

AMENITIES SCHEDULE

ALLEN RANCHES - PARCELE

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO.	20-78
DATE:	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA

REVISIONS:	

SHEET NO.

L3.1

10 OF 18



AMENITIES SCHEDULE

6' BENCH (QUANTITY: 4)  
MANUFACTURER: ANOVA  
CONTACT: EXERPLAY - (480) 323 - 0337  
MODEL# LEXC6 (SURFACE MOUNT ON 3' X 8' SLAB)  
BACK/SEAT COLOR: SAGE  
FRAME: SAGE  
- SEE DETAIL 'D' ON SHEET L4.3

6' FLAT BENCH (QUANTITY: 3)  
MANUFACTURER: ANOVA  
CONTACT: EXERPLAY - (480) 323 - 0337  
MODEL# LEXF6 (SURFACE MOUNT ON 3' X 8' SLAB)  
BACK/SEAT COLOR: TEXTURED FERN  
TEXTURED FERN  
- SEE DETAIL 'D' ON SHEET L4.3

PICNIC TABLES (QUANTITY: 10)  
MANUFACTURER: ANOVA  
CONTACT: EXERPLAY - (480) 323 - 0337  
MODEL# LEX1640 (SURFACE MOUNT)  
COLOR: TEXTURED PEWTER  
- SEE DETAIL 'D' ON SHEET L4.3

LARGE BBQ GRILL (QUANTITY: 2)  
MANUFACTURER: ANOVA  
CONTACT: EXERPLAY - (480) 323 - 0337  
MODEL# 200RPG (SURFACE MOUNT)  
STANDARD  
- SEE DETAIL 'C' ON SHEET L4.3

PET WASTE STATION (QUANTITY: 5)  
MANUFACTURER: DOG-ON-IT PARKS  
CONTACT: EXERPLAY (480) 323 - 0337  
MODEL# 7408S (COMPLETE STATION ONE-PULL)  
COLOR: GREEN

SHADE SAIL STRUCTURE  
AT ARTIFICIAL TURF (QUANTITY 1)  
DUAL OVERLAP SHADE SAIL - W/ POSTS  
MANUFACTURER: CUSTOM STRUCTURES LLC.  
CONTACT: JEFF STRASSER - (602) 463-9140  
SHADE COLORS: TURQUOISE & NAVY BLUE  
FRAME/POST COLOR: ' GUN METAL GRAY'  
OR DUNN EDWARDS 'BLACK PEARL' (DEA186)  
- SEE DETAIL 'A' ON SHEET L4.1

SHADE TRELLIS AT PLAYGROUND (QUANTITY:1)  
MANUFACTURER: CUSTOM STRUCTURES LLC.  
CONTACT: JEFF STRASSER - (602) 463-9140  
ROOF COLOR: BRONZE  
POST COLOR: SANDSTONE  
- SEE DETAIL 'C' ON SHEET L4.1

SHADE PAVILION AT BBQ (QUANTITY:1)  
MANUFACTURER: CUSTOM STRUCTURES LLC.  
CONTACT: JEFF STRASSER - (602) 463-9140  
ROOF COLOR: BRONZE  
POST COLOR: SANDSTONE  
- SEE DETAIL 'B' ON SHEET L4.1

BASKETBALL COURT (1 - GOAL)  
MANUFACTURER: PW ATHLETIC  
CONTACT: EXERPLAY - (602) 569 - 6090  
MODEL # 1576-20-45-36  
POST #1576  
BACKBOARD #20  
GOAL #45 W/NET #36  
FINISH COLOR: GREEN  
INSTALL PER MANUFACTURER'S SPECIFICATIONS  
SEE DETAILS 'G&H' ON SHEET L4.2 FOR COURT SPECS

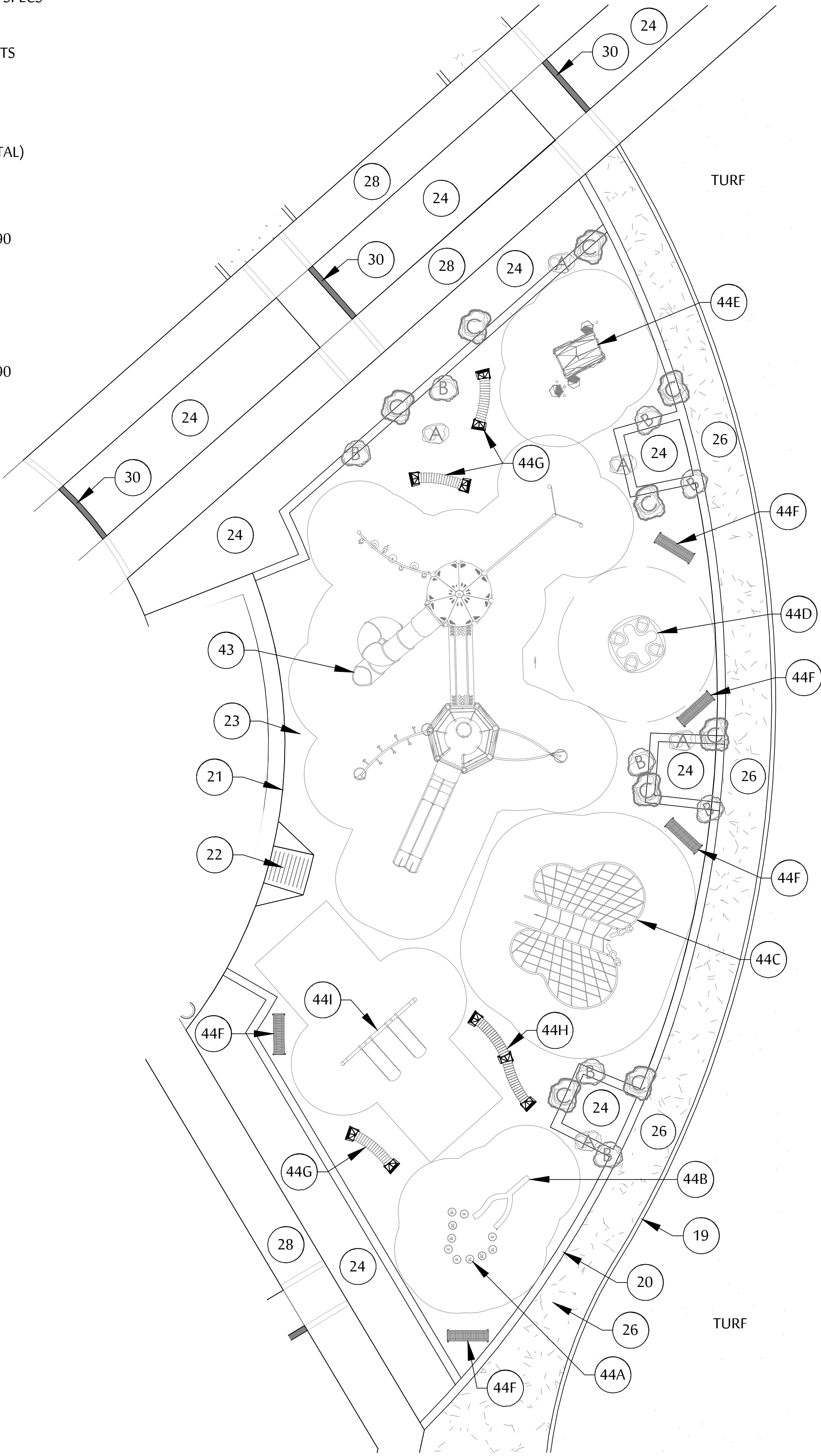
BAG TOSS (2 SETS - 4 BOARDS)  
MANUFACTURER: PHOENIX PRECAST PRODUCTS  
CONTACT: EXERPLAY - (602) 569 - 6090  
MODEL # STANDARD CORN HOLE SET  
FINISH COLOR: ADOBE  
- SEE DETAIL 'G' ON SHEET L4.3

HORSESHOE PIT (QUANTITY: 2 SETS, 4 PITS TOTAL)  
-SEE DETAIL 'H' ON SHEET L4.3

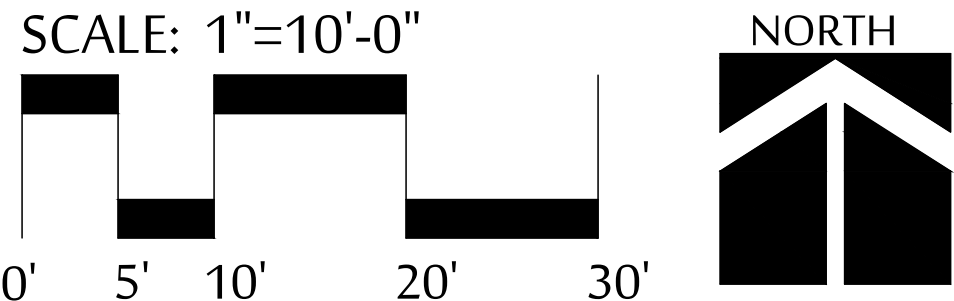
LARGE PLAYGROUND EQUIPMENT  
MANUFACTURER: LANDSCAPE STRUCTURES  
CONTACT: JUSTIN @ EXERPLAY - (602) 569-6090  
MODEL: SUPER NETPLEX TOWERS  
SEE QUOTE # 210441B  
COLOR PALETTE: 'BJ'

SMALL PLAYGROUND COMPONENTS  
MANUFACTURER: LANDSCAPE STRUCTURES  
CONTACT: JUSTIN @ EXERPLAY - (602) 569-6090  
SEE QUOTE # 210441B  
COLOR PALETTE: 'BJ'

44A: LOG STEPPERS  
44B: LOG BALANCE BEAM  
44C: BUTTERFLY CRESCENT CLIMBER  
44D: OMNISPIN SPINNER  
44E: FACET CRAWL TUNNEL  
44F: KALEIDOSCOPE BENCH  
44G: FACET SINGLE BENCH  
44H: FACET DOUBLE BENCH  
44I: SWINGS



PLAYGROUND ENLARGEMENT



HARDSCAPE KEY NOTE LEGEND

- 01 MAIN ENTRY AND BATHROOMS - SEE ARCHITECTURAL PLANS
- 02 POOL FENCING/ENCLOSURE W/ (3) 4' WIDE PEDESTRIAN GATES - SEE DETAIL 'B' ON SHEET L4.2 (487 LN.FT. OF POOL FENCING) - CONTRACTOR TO VERIFY
- 03 NOT USED
- 04 NOT USED
- 05 SHADE PAVILION AT BBQ - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 06 SHADE SAIL STRUCTURE AT ARTIFICIAL TURF - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 07 SHADE TRELLIS AT PLAYGROUND - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 08 NOT USED
- 09 NOT USED
- 10 SWIMMING POOL - SEE SWIMMING POOL PLANS.
- 11 POOL STEPS - SEE SWIMMING POOL PLANS.
- 12 POOL BENCH - SEE SWIMMING POOL PLANS.
- 13 POOL HANDRAILS - SEE SWIMMING POOL PLANS.
- 14 NON-SLIP POOL TILE - SEE SWIMMING POOL PLANS. MANUFACTURER: DAL TILE, MODEL: CITY LIGHTS, COLOR: CAPRI (CL68)
- 15 POOL EQUIPMENT AREA - SEE ARCH. PLANS
- 16 POOL DECK - TO BE KOOLDEK - SCORED LIKE PLAN. COLOR 'SAND BUFF' OR EQUAL. COORDINATE WITH POOL BUILDER.
- 17 POOL COPING - 12" X 24" ARTISTIC PAVER COPING - DESERT SERIES - SHELLOCK. COLOR TO BE 'COOL WHITE' - COORDINATE WITH POOL BUILDER
- 18 ARTIFICIAL TURF - 1-5/8" OLIVE LUSH BY EASYTURF. 3LBS SAND INFILL. SEE DETAIL 'M' ON SHEET L4.2
- 19 6" CONCRETE HEADER (TYP.) - SEE DETAIL 'J' ON SHEET L4.4
- 20 12" CONCRETE HEADER (TYP.) - SEE DETAIL 'I' ON SHEET L4.3
- 21 PLAYGROUND TURNDOWN (TYP.) - SEE DETAIL 'K' ON SHEET L4.3
- 22 PLAYGROUND RAMP (TYP.) - SEE DETAIL 'J' ON SHEET L4.3
- 23 ENGINEERED WOOD FIBER MULCH (TYP.) - SEE DETAIL 'K' ON SHEET L4.3
- 24 DECOMPOSED GRANITE -3/4" SCREENED, COLOR: 'APACHE BROWN'
- 25 IN-FIELD MIX (TYP.) - SEE DETAIL 'K' ON SHEET L4.2
- 26 DECOMPOSED GRANITE TRAIL - SEE DETAIL 'L' ON SHEET L4.2
- 27 NOT USED
- 28 CONCRETE SIDEWALK/PAVING PER MAG STD. 230 - SEE CIVIL PLANS.
- 29 NOT USED
- 30 SEAT WALL - SEE DETAIL 'A' ON SHEET L4.3.
- 31 NOT USED
- 32 LARGE BBQ GRILL (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 33 PICNIC TABLE - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 34 6' BENCH (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 35 6' FLAT BENCH (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 36 TRASH RECEPTACLE - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 37 LOUNGER (TYP.) - FOR REFERENCE ONLY (BY OWNER)
- 38 PET WASTE STATION (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 39 BASKETBALL COURT (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 40 PICNIC TABLE W/UMBRELLA (TYP.) - FOR REFERENCE ONLY (BY OWNER)
- 41 BAG TOSS (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 42 HORSESHOE PIT (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 43 LARGE PLAYGROUND (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 44 KEYNOTES 44A - 44I: SMALL PLAYGROUND COMPONENTS (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.

MC GOUGH  
ADAMSON

Landscape  
Architects

Land  
Planning

Irrigation

535 E. MCKELLIPS RD. SUITE 131  
MESA, ARIZONA 85203  
PHONE: (602) 997-9093



AMENITIES SCHEDULE  
ALLEN RANCHES - PARCELE  
NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

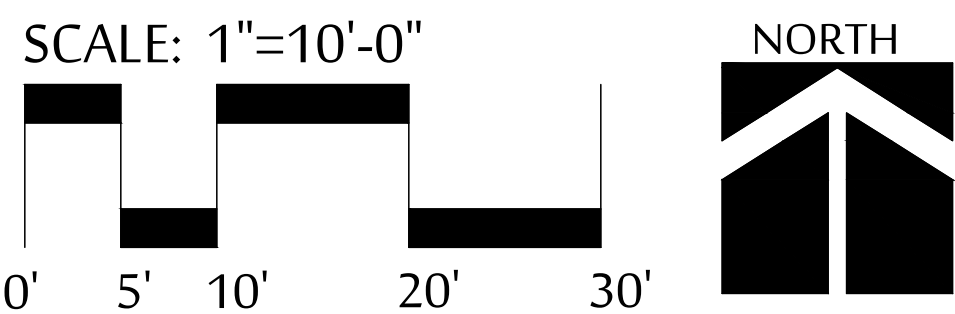
These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO.	20-78
DATE:	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA

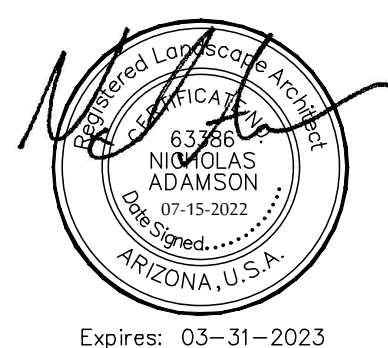
REVISIONS:	

SHEET NO.  
L3.2





- 01 MAIN ENTRY AND BATHROOMS - SEE ARCHITECTURAL PLANS
- 02 POOL FENCING/ENCLOSURE W/ (3) 4' WIDE PEDESTRIAN GATES - SEE DETAIL 'B' ON SHEET L4.2 (487 LN.FT. OF POOL FENCING) - CONTRACTOR TO VERIFY
- 03 NOT USED
- 04 NOT USED
- 05 SHADE PAVILION AT BBQ - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 06 SHADE SAIL STRUCTURE AT ARTIFICIAL TURF  
- SEE AMENITIES SCHEDULE ON SHEET L3.2
- 07 SHADE TRELLIS AT PLAYGROUND - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 08 NOT USED
- 09 NOT USED
- 10 SWIMMING POOL - SEE SWIMMING POOL PLANS.
- 11 POOL STEPS - SEE SWIMMING POOL PLANS.
- 12 POOL BENCH - SEE SWIMMING POOL PLANS.
- 13 POOL HANDRAILS - SEE SWIMMING POOL PLANS.
- 14 NON-SLIP POOL TILE - SEE SWIMMING POOL PLANS.  
MANUFACTURER: DAL TILE, MODEL: CITY LIGHTS, COLOR: CAPRI (CL68)
- 15 POOL EQUIPMENT AREA - SEE ARCH. PLANS
- 16 POOL DECK - TO BE KOOLDEK - SCORED LIKE PLAN.  
COLOR 'SAND BUFF' OR EQUAL. COORDINATE WITH POOL BUILDER.
- 17 POOL COPING - 12" X 24" ARTISTIC PAVER COPING - DESERT SERIES -  
SHELLOCK. COLOR TO BE 'COOL WHITE' - COORDINATE WITH POOL BUILDER
- 18 ARTIFICIAL TURF - 1-5/8" OLIVE LUSH BY EASYTURF. 3LBS SAND INFILL.  
SEE DETAIL 'M' ON SHEET L4.2
- 19 6" CONCRETE HEADER (TYP.) - SEE DETAIL 'J' ON SHEET L4.4
- 20 12" CONCRETE HEADER (TYP.) - SEE DETAIL 'I' ON SHEET L4.3
- 21 PLAYGROUND TURNDOWN (TYP.) - SEE DETAIL 'K' ON SHEET L4.3
- 22 PLAYGROUND RAMP (TYP.) - SEE DETAIL 'J' ON SHEET L4.3
- 23 ENGINEERED WOOD FIBER MULCH (TYP.) - SEE DETAIL 'K' ON SHEET L4.3
- 24 DECOMPOSED GRANITE - 3/4" SCREENED, COLOR: 'APACHE BROWN'
- 25 IN-FIELD MIX (TYP.) - SEE DETAIL 'K' ON SHEET L4.2
- 26 DECOMPOSED GRANITE TRAIL - SEE DETAIL 'L' ON SHEET L4.2
- 27 NOT USED
- 28 CONCRETE SIDEWALK/PAVING PER MAG STD. 230 - SEE CIVIL PLANS.
- 29 NOT USED
- 30 SEAT WALL - SEE DETAIL 'A' ON SHEET L4.3.
- 31 NOT USED
- 32 LARGE BBQ GRILL (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 33 PICNIC TABLE - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 34 6' BENCH (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 35 6' FLAT BENCH (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 36 TRASH RECEPTACLE - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 37 LOUNGER (TYP.) - FOR REFERENCE ONLY (BY OWNER)
- 38 PET WASTE STATION (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 39 BASKETBALL COURT (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 40 PICNIC TABLE W/UMBRELLA (TYP.) - FOR REFERENCE ONLY (BY OWNER)
- 41 BAG TOSS (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 42 HORSESHOE PIT (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 43 LARGE PLAYGROUND (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 44 SMALL PLAYGROUND (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.



AMENITIES SCHEDULE

ALLEN RANCHES - PARCELS

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

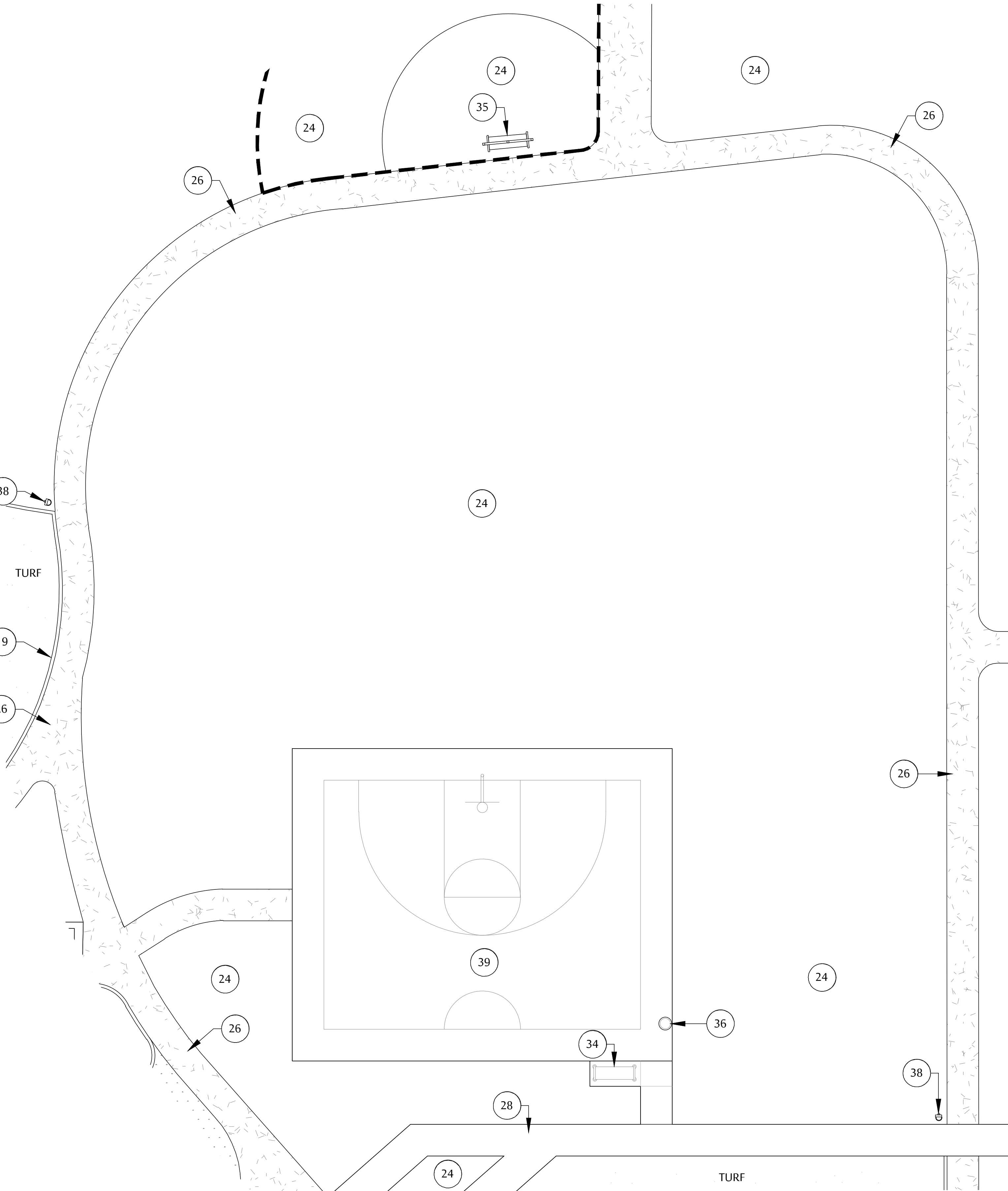
JOB NO. 20-78  
DATE: 07-15-22  
DRAWN BY: FRN, BD  
CHECKED BY: NA

REVISIONS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

SHEET NO.

L3.3





SPORTS COURT ENLARGEMENT

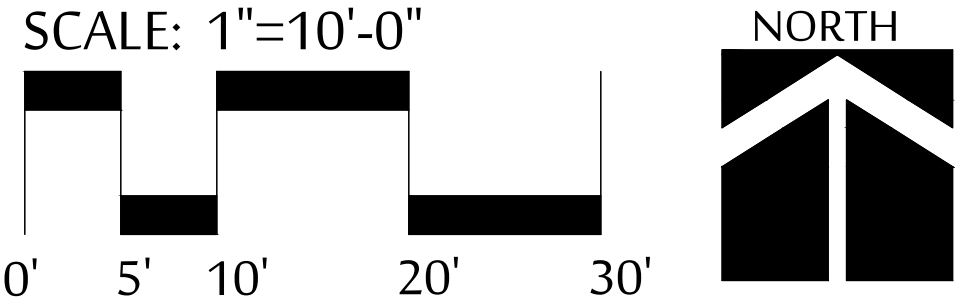
NOTE: CONCRETE SLAB SEATING AREAS (BENEATH SHADE STRUCTURES) ARE TO BE 6" THICK MIN. AND HAVE A MEDIUM BROOM FINISH. SLAB TO HAVE A 2% MAX. SLOPE TOWARD LANDSCAPE OR TURF AREAS. SCORE AS SHOWN. TYP. OF ALL INSTANCES.

NOTE: ALL AMENITIES ARE TO BE INSTALLED AS SPECIFIED ON THIS SHEET OR EQUIVALENT. EQUIVALENT MUST BE APPROVED BY LANDSCAPE ARCHITECT AND OWNER PRIOR TO SUBSTITUTION.

NOTE: ENCLOSURE GATES TO BE SELF-CLOSING AND OPEN OUTWARD. GATES TO HAVE KEY IN/KEY OUT CAPABILITIES. GATES THAT ARE NOT LOCKED ARE TO HAVE LATCHES MOUNTED AT 54" HT. MIN. CHECK WITH FIRE DEPARTMENT TO DETERMINE IF EMERGENCY ACCESS GATES ARE REQUIRED.

NOTE: ALL OPEN SPACE SIDEWALKS AND PAVED AMENITIES AREAS TO BE PER MAG STANDARD DETAIL 230 UNLESS OTHERWISE SPECIFIED.

NOTE: LIGHT LOCATIONS SEE SITE ELECTRICAL PLANS



HARDSCAPE KEY NOTE LEGEND

- 01 MAIN ENTRY AND BATHROOMS - SEE ARCHITECTURAL PLANS
- 02 POOL FENCING/ENCLOSURE W/ (3) 4' WIDE PEDESTRIAN GATES - SEE DETAIL 'B' ON SHEET L4.2 (487 LN.FT. OF POOL FENCING) - CONTRACTOR TO VERIFY
- 03 NOT USED
- 04 NOT USED
- 05 SHADE PAVILION AT BBQ - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 06 SHADE SAIL STRUCTURE AT ARTIFICIAL TURF - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 07 SHADE TRELLIS AT PLAYGROUND - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 08 NOT USED
- 09 NOT USED
- 10 SWIMMING POOL - SEE SWIMMING POOL PLANS.
- 11 POOL STEPS - SEE SWIMMING POOL PLANS.
- 12 POOL BENCH - SEE SWIMMING POOL PLANS.
- 13 POOL HANDRAILS - SEE SWIMMING POOL PLANS.
- 14 NON-SLIP POOL TILE - SEE SWIMMING POOL PLANS. MANUFACTURER: DAL TILE, MODEL: CITY LIGHTS, COLOR: CAPRI (CL68)
- 15 POOL EQUIPMENT AREA - SEE ARCH. PLANS
- 16 POOL DECK - TO BE KOOLDEK - SCORED LIKE PLAN. COLOR 'SAND BUFF' OR EQUAL. COORDINATE WITH POOL BUILDER.
- 17 POOL COPING - 12" X 24" ARTISTIC PAVER COPING - DESERT SERIES - SHELLOCK. COLOR TO BE 'COOL WHITE' - COORDINATE WITH POOL BUILDER
- 18 ARTIFICIAL TURF - 1-5/8" OLIVE LUSH BY EASYTURF. 3LBS SAND INFILL. SEE DETAIL 'M' ON SHEET L4.2
- 19 6" CONCRETE HEADER (TYP.) - SEE DETAIL 'J' ON SHEET L4.4
- 20 12" CONCRETE HEADER (TYP.) - SEE DETAIL 'I' ON SHEET L4.3
- 21 PLAYGROUND TURNDOWN (TYP.) - SEE DETAIL 'K' ON SHEET L4.3
- 22 PLAYGROUND RAMP (TYP.) - SEE DETAIL 'J' ON SHEET L4.3
- 23 ENGINEERED WOOD FIBER MULCH (TYP.) - SEE DETAIL 'K' ON SHEET L4.3
- 24 DECOMPOSED GRANITE -3/4" SCREENED, COLOR: 'APACHE BROWN'
- 25 IN-FIELD MIX (TYP.) - SEE DETAIL 'K' ON SHEET L4.2
- 26 DECOMPOSED GRANITE TRAIL - SEE DETAIL 'L' ON SHEET L4.2
- 27 NOT USED
- 28 CONCRETE SIDEWALK/PAVING PER MAG STD. 230 - SEE CIVIL PLANS.
- 29 NOT USED
- 30 SEAT WALL - SEE DETAIL 'A' ON SHEET L4.3.
- 31 NOT USED
- 32 LARGE BBQ GRILL (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 33 PICNIC TABLE - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 34 6' BENCH (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 35 6' FLAT BENCH (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 36 TRASH RECEPTACLE - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 37 LOUNGER (TYP.) - FOR REFERENCE ONLY (BY OWNER)
- 38 PET WASTE STATION (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2
- 39 BASKETBALL COURT (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 40 PICNIC TABLE W/UMBRELLA (TYP.) - FOR REFERENCE ONLY (BY OWNER)
- 41 BAG TOSS (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 42 HORSESHOE PIT (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 43 LARGE PLAYGROUND (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.
- 44 SMALL PLAYGROUND (TYP.) - SEE AMENITIES SCHEDULE ON SHEET L3.2.

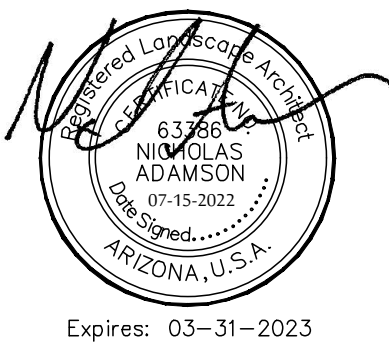
MCGOUGH  
ADAMSON

Landscape  
Architects

Land  
Planning

Irrigation

535 E. MCKELLIPS RD. SUITE 131  
MESA, ARIZONA 85203  
PHONE: (602) 997-9093



AMENITIES SCHEDULE  
ALLEN RANCHES - PARCELE  
NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

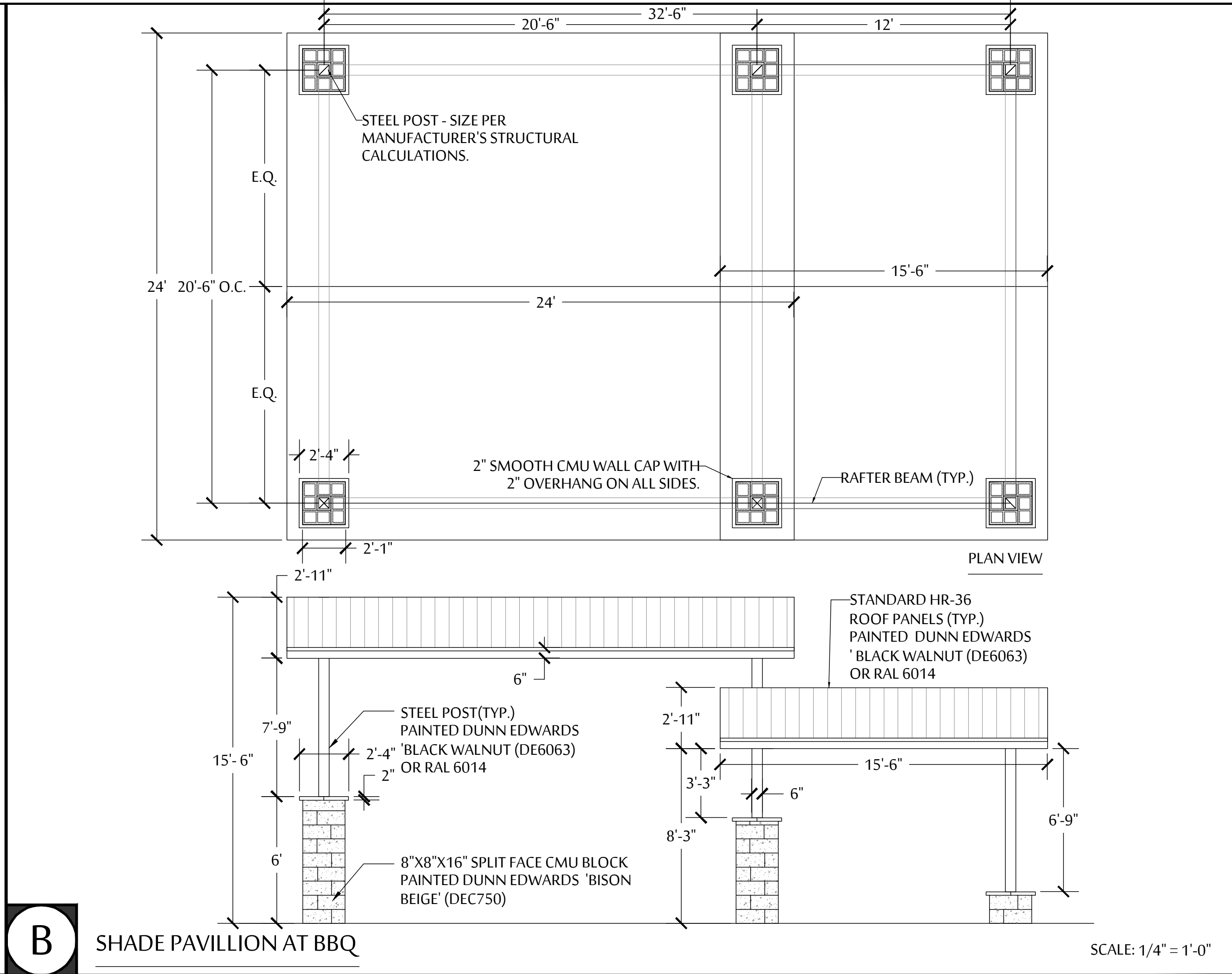
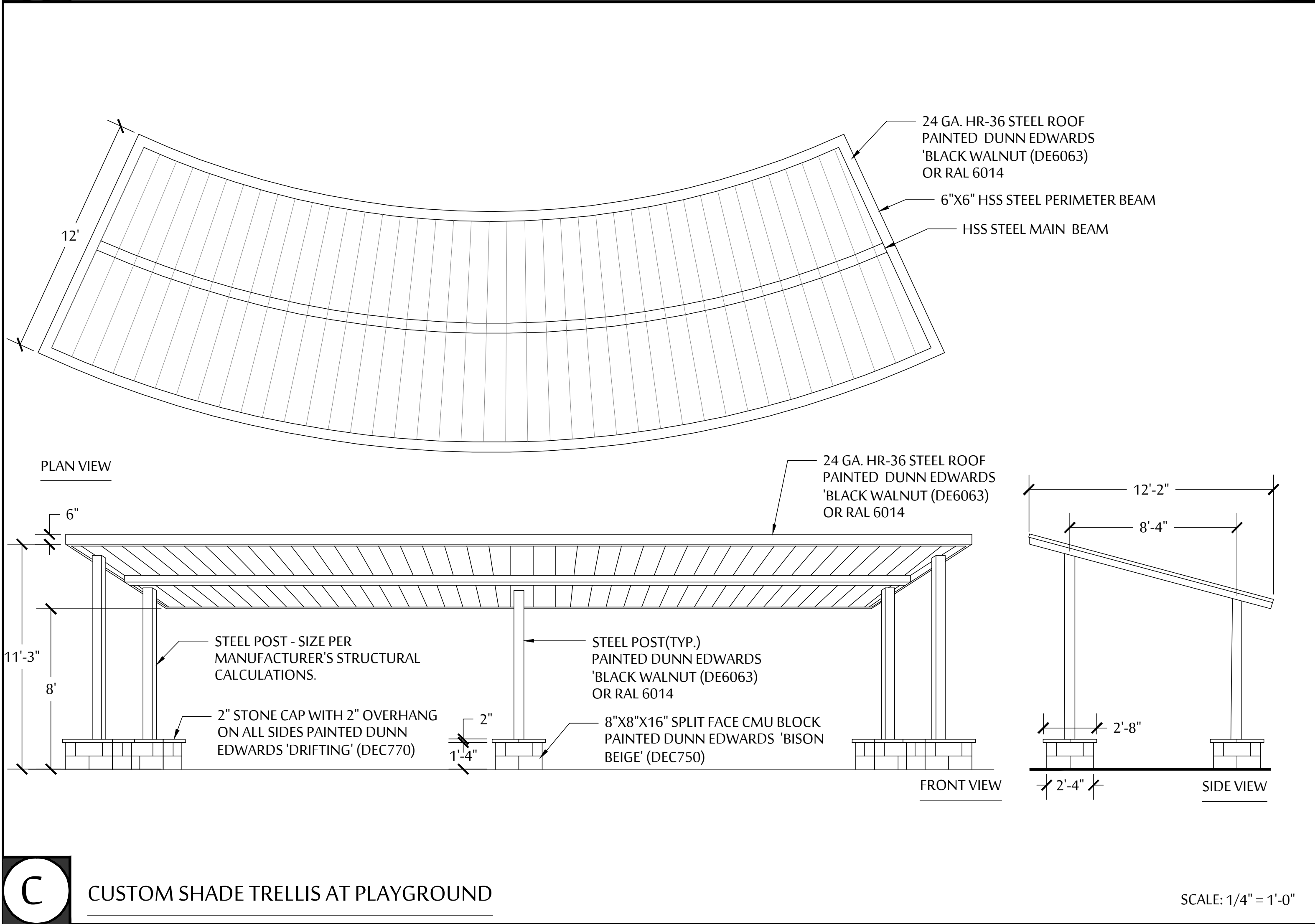
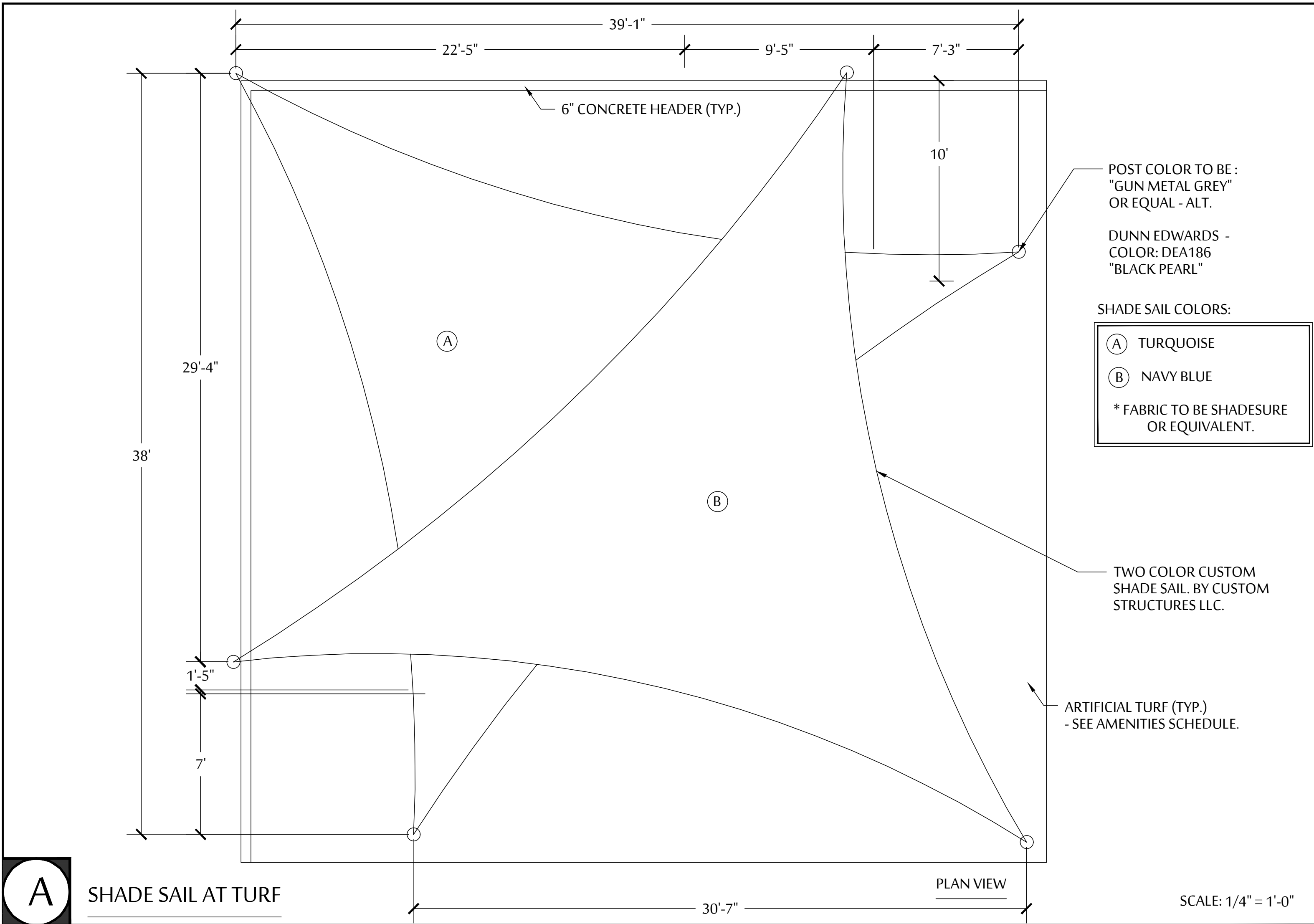
These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

JOB NO.	20-78
DATE:	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA

REVISIONS:	

SHEET NO.  
L3.4





AMENITIES DETAILS

ALLEN RANCHES - PARCELE

NEC OF CAMELBACK RD. & CITRUS RD.  
GLENDALE, ARIZONA

These drawings, as legal instruments of professional services are, and shall remain the property of the landscape architect.

These drawings shall not be used on other projects or for additions to this project except by written agreement from the landscape architect.

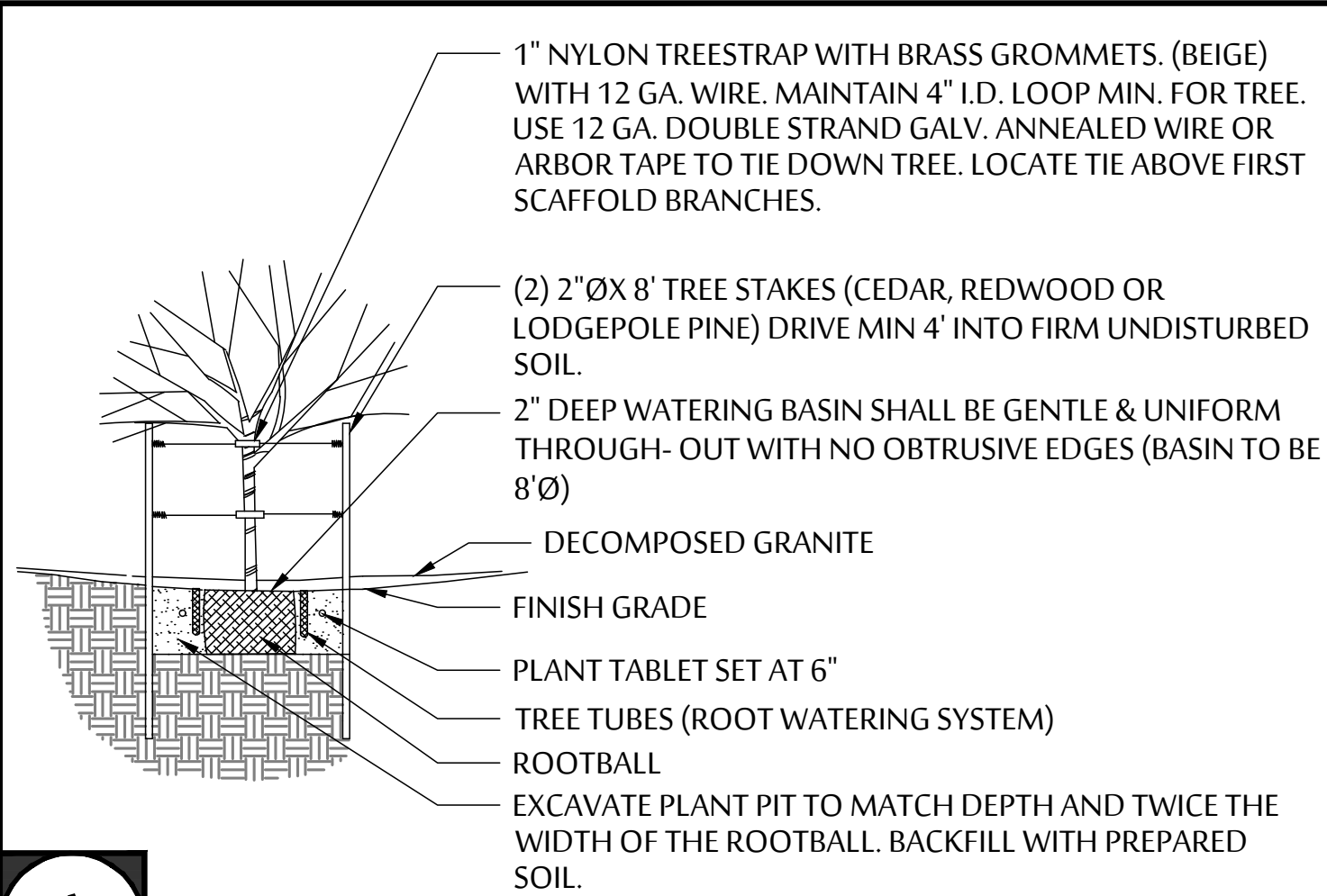
JOB NO.	20-78
DATE:	07-15-22
DRAWN BY:	FRN, BD
CHECKED BY:	NA

REVISIONS:	

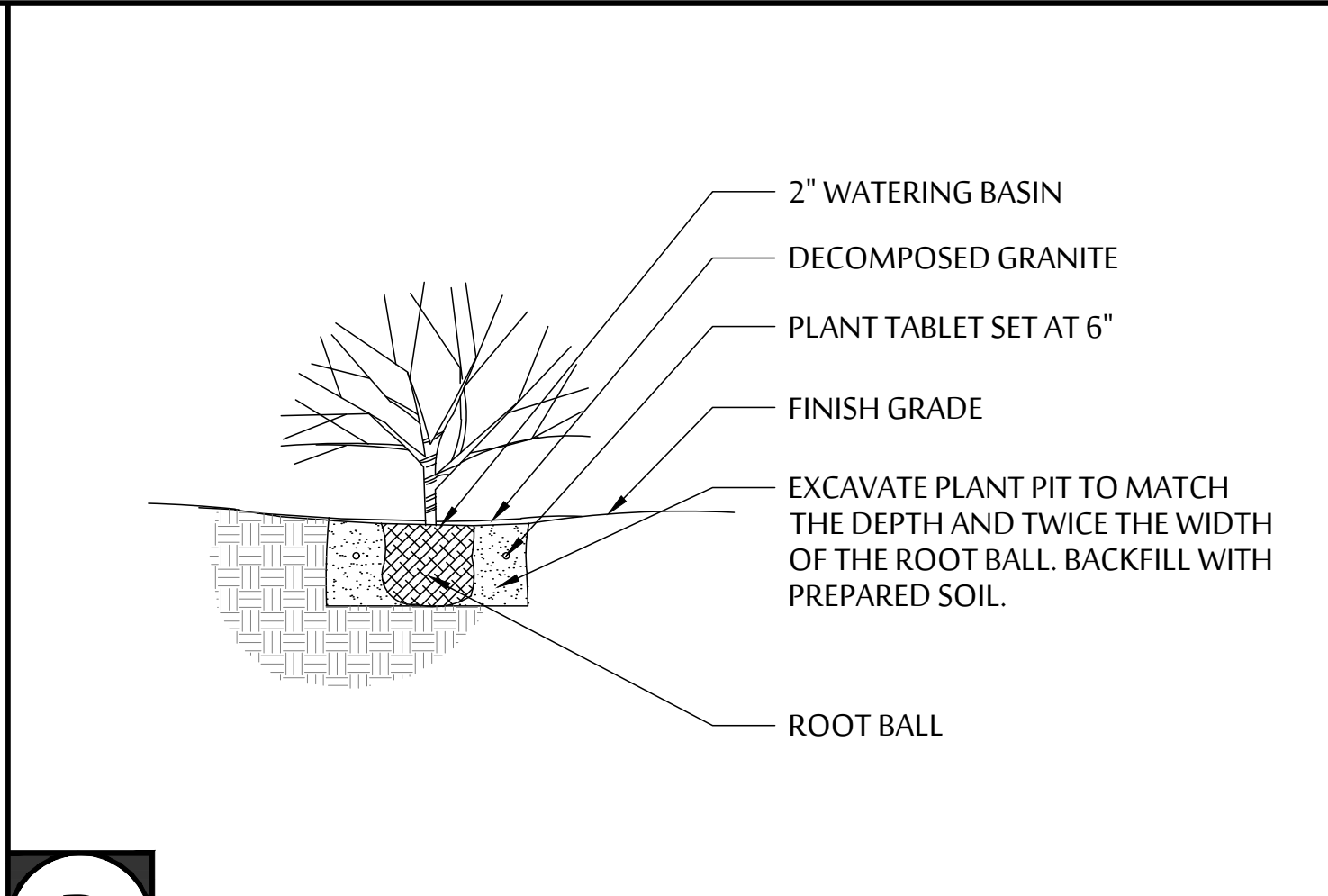




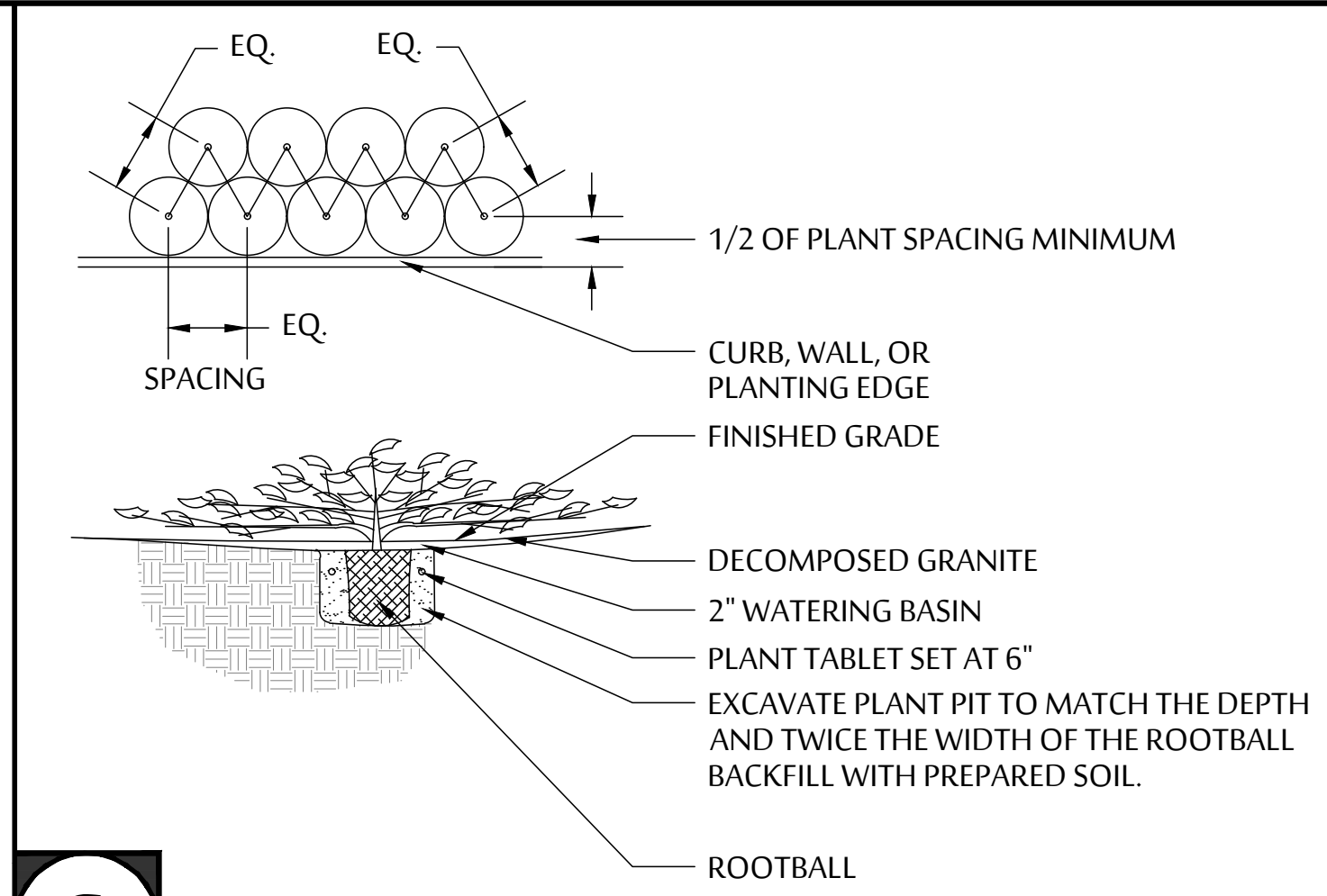




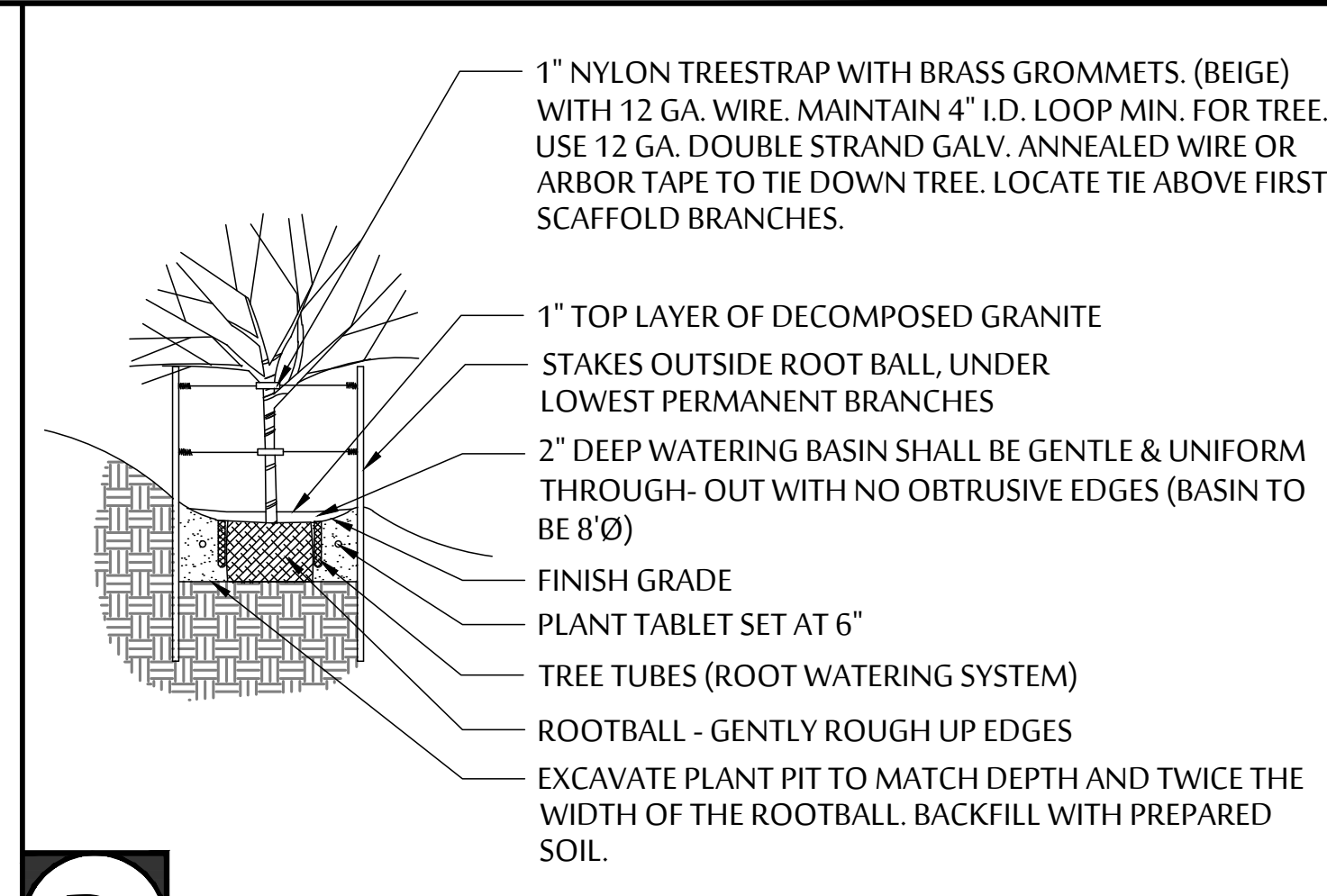
**A** TREE PLANTING SCALE: NTS



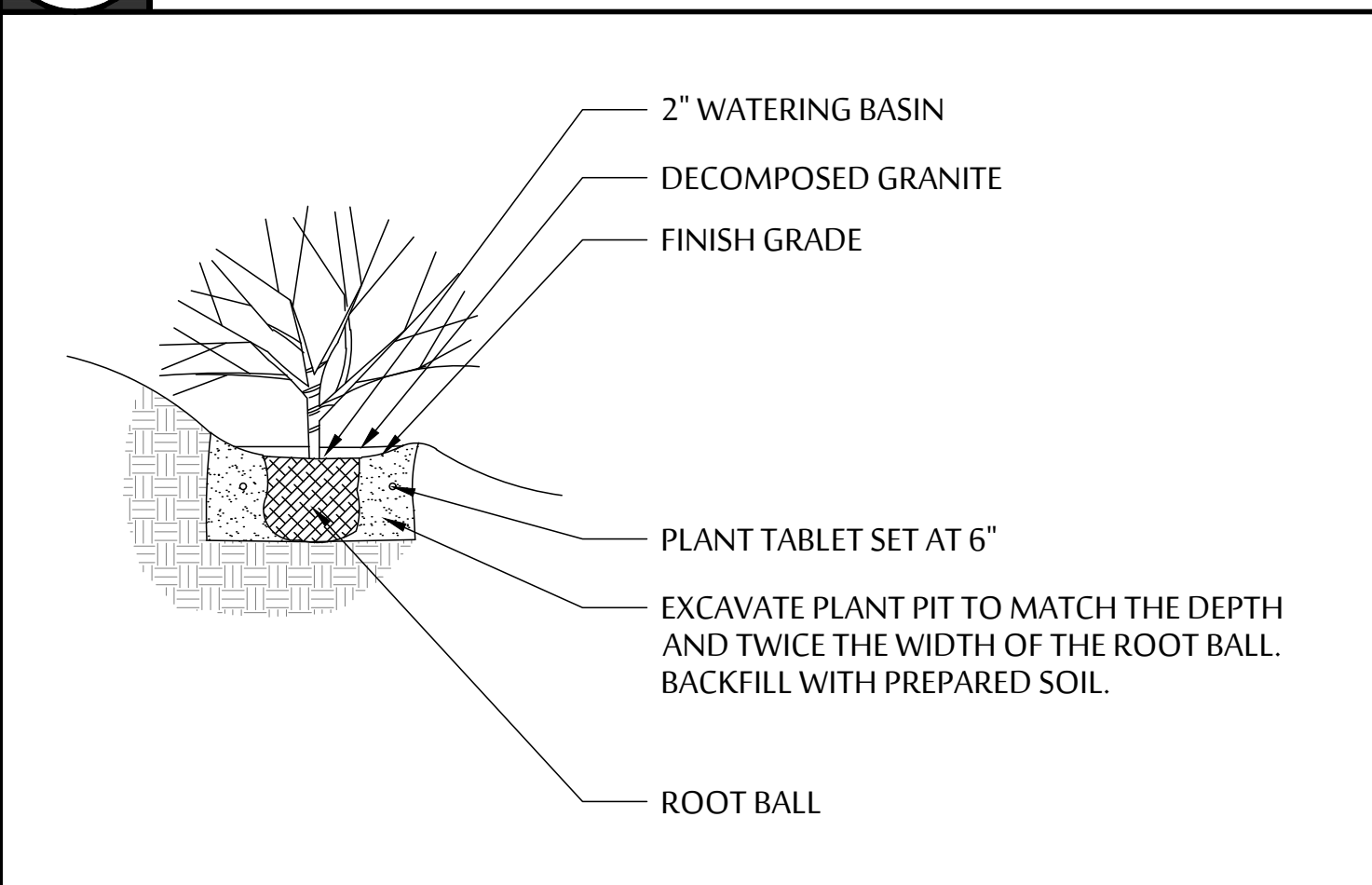
**B** SHRUB PLANTING SCALE: NTS



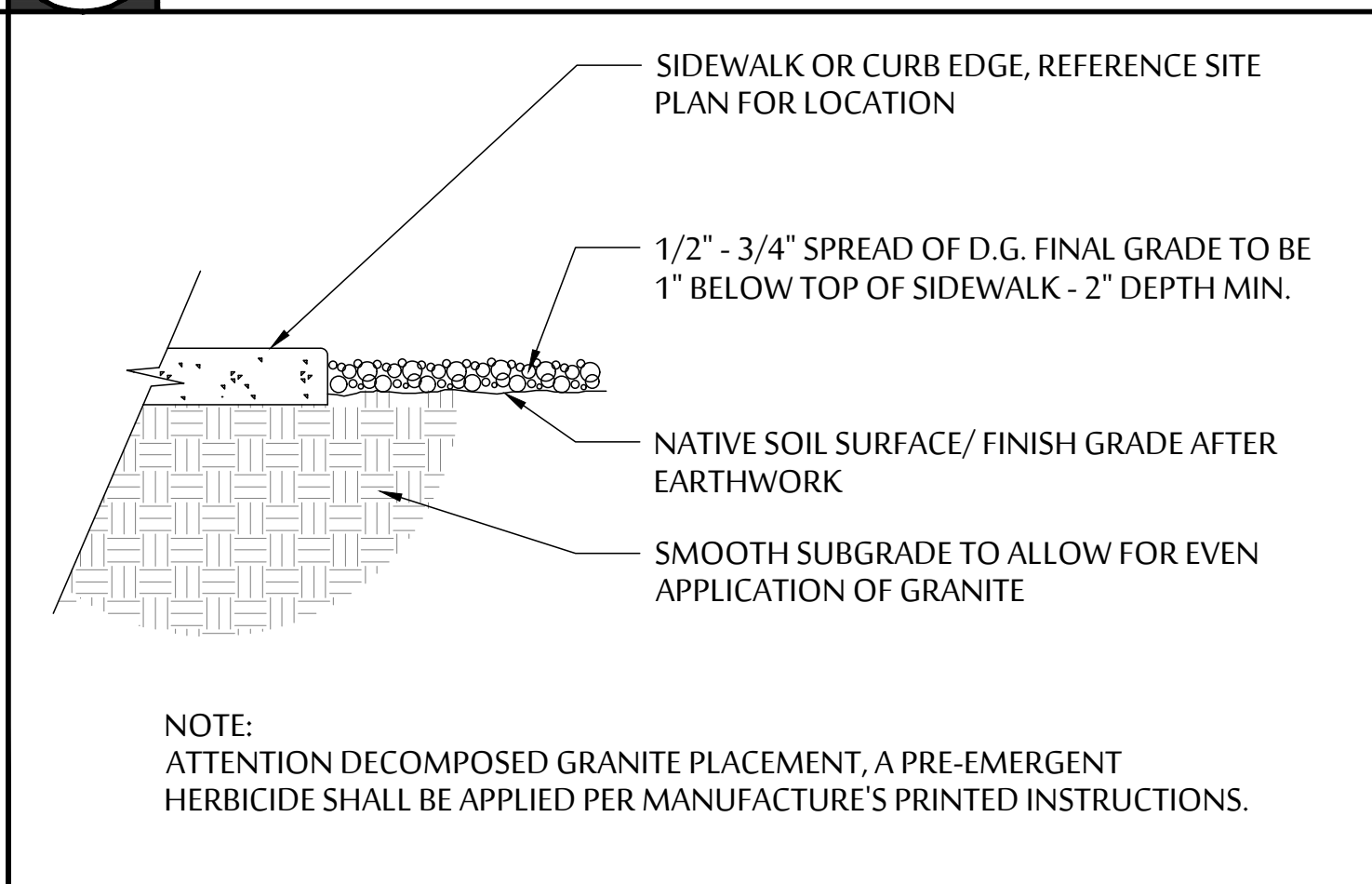
**C** GROUND COVER PLANTING SCALE: NTS



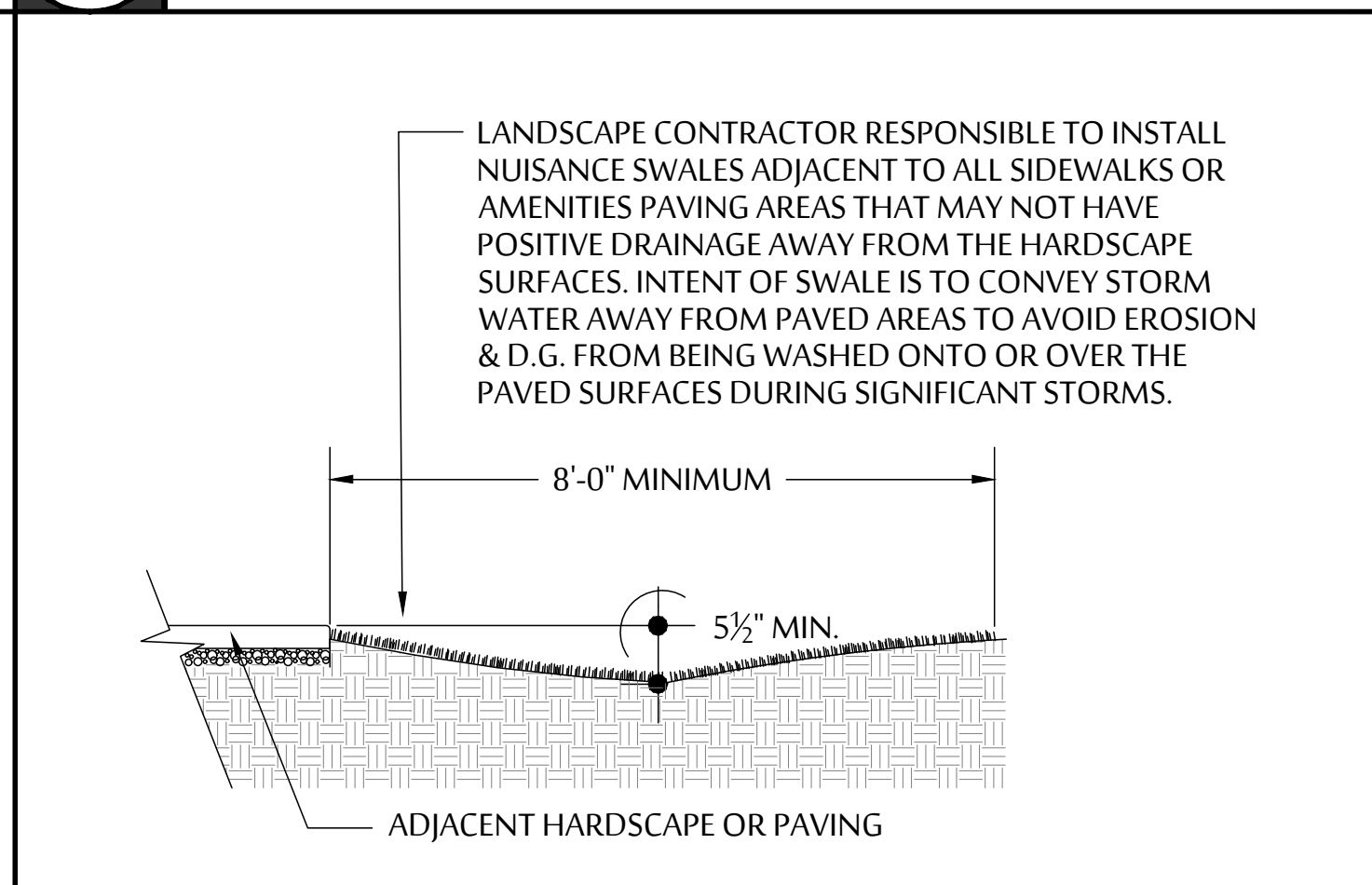
**D** TREE PLANTING ON SLOPE SCALE: NTS



**E** SHRUB PLANTING ON SLOPE SCALE: NTS



**F** DECOMPOSED GRANITE SCALE: NTS



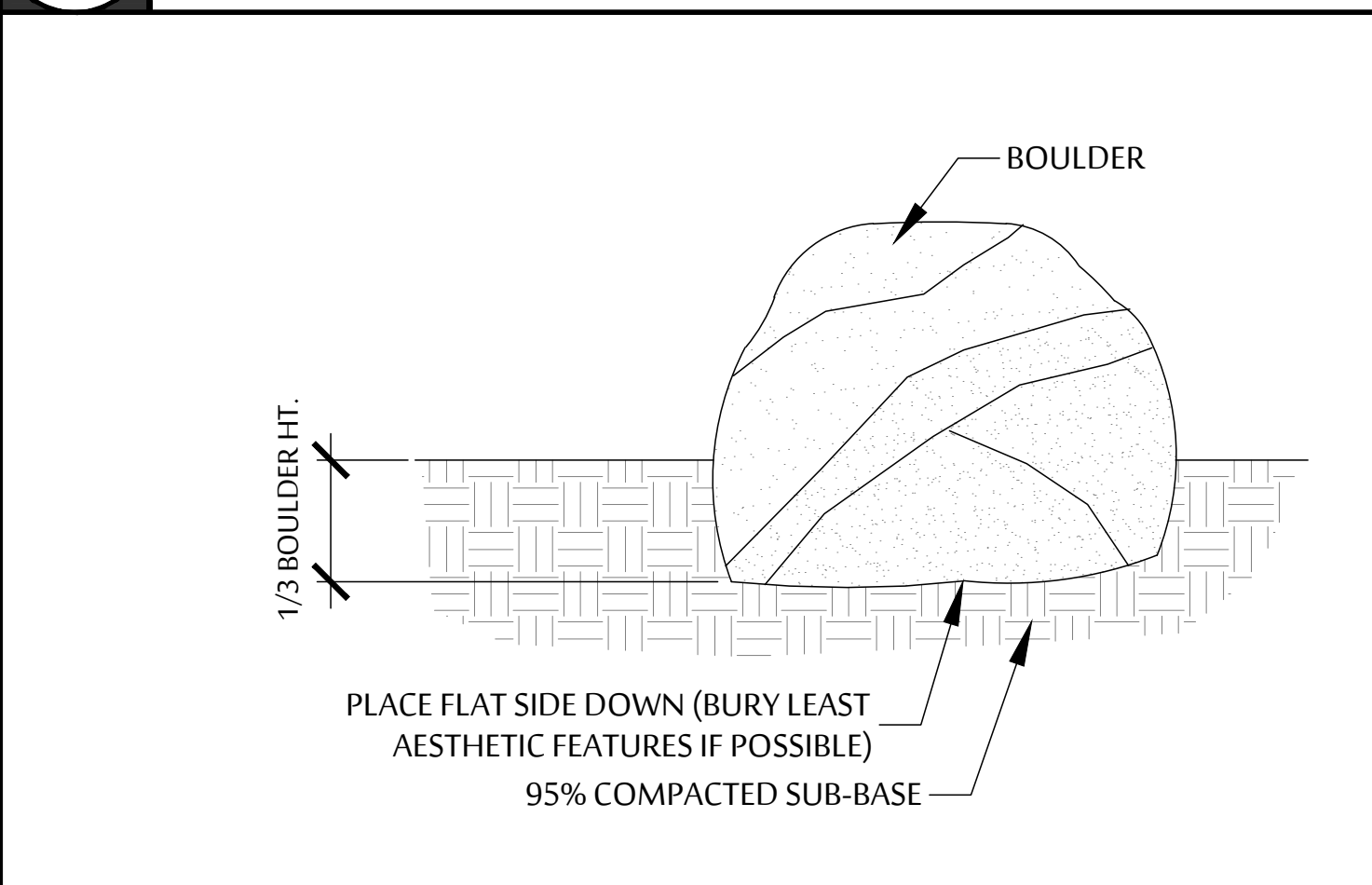
**G** SWALE DETAIL SCALE: NTS

PLANT TABLETS TO BE AGRIFORM 21 GRAM, 20-10-5 FERTILIZER TABLETS

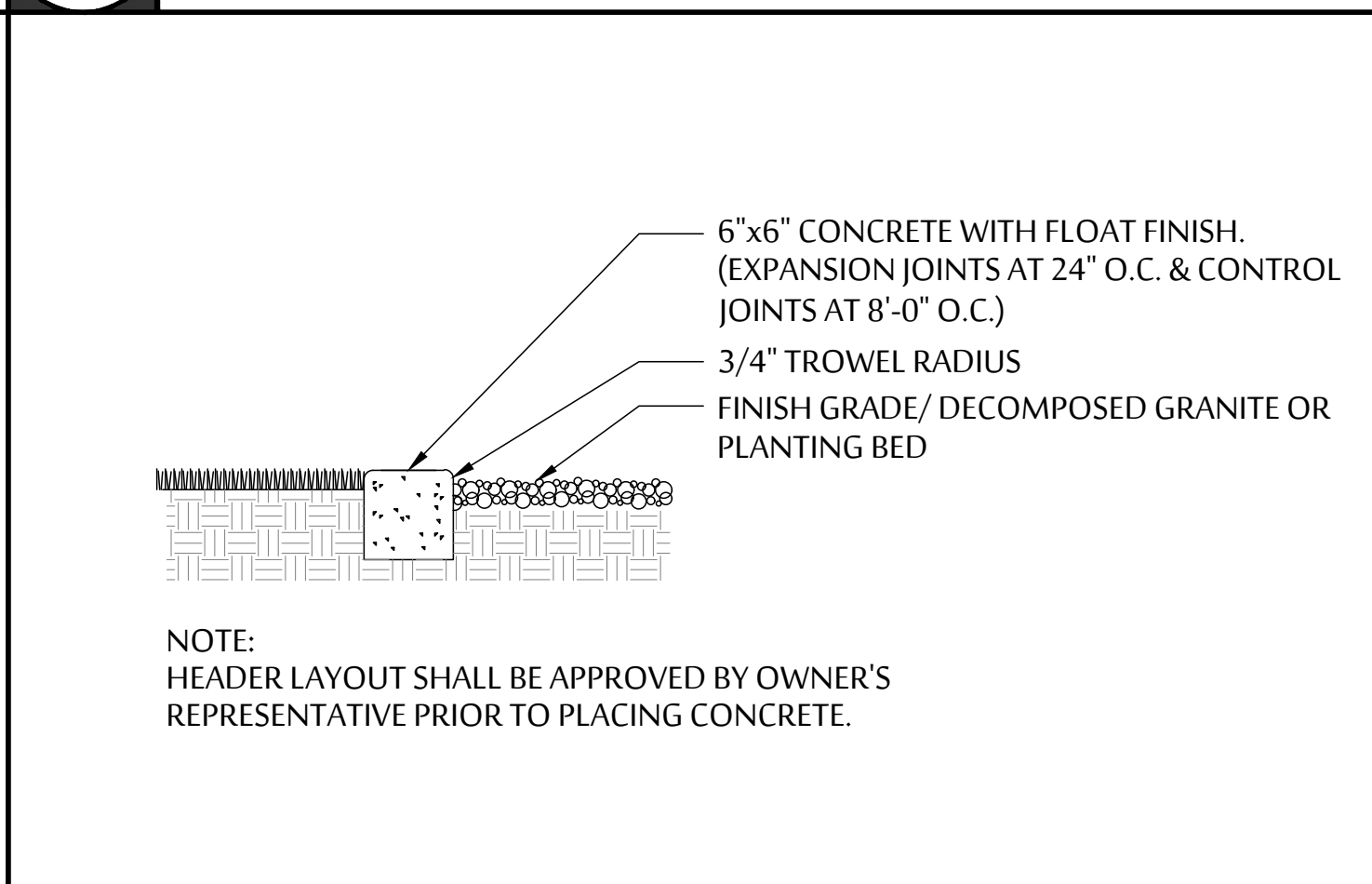
PLANT TABLE SCHEDULE FOR TREES AND SHRUBS

5 GALLON	2 TABLETS
15 GALLON	3 TABLETS
24" BOX	5 TABLETS
36" BOX	6 TABLETS
42" BOX	8 TABLETS

**H** PLANT TABLE SCHEDULE SCALE: NTS



**I** BOULDER INSTALLATION SCALE: NTS

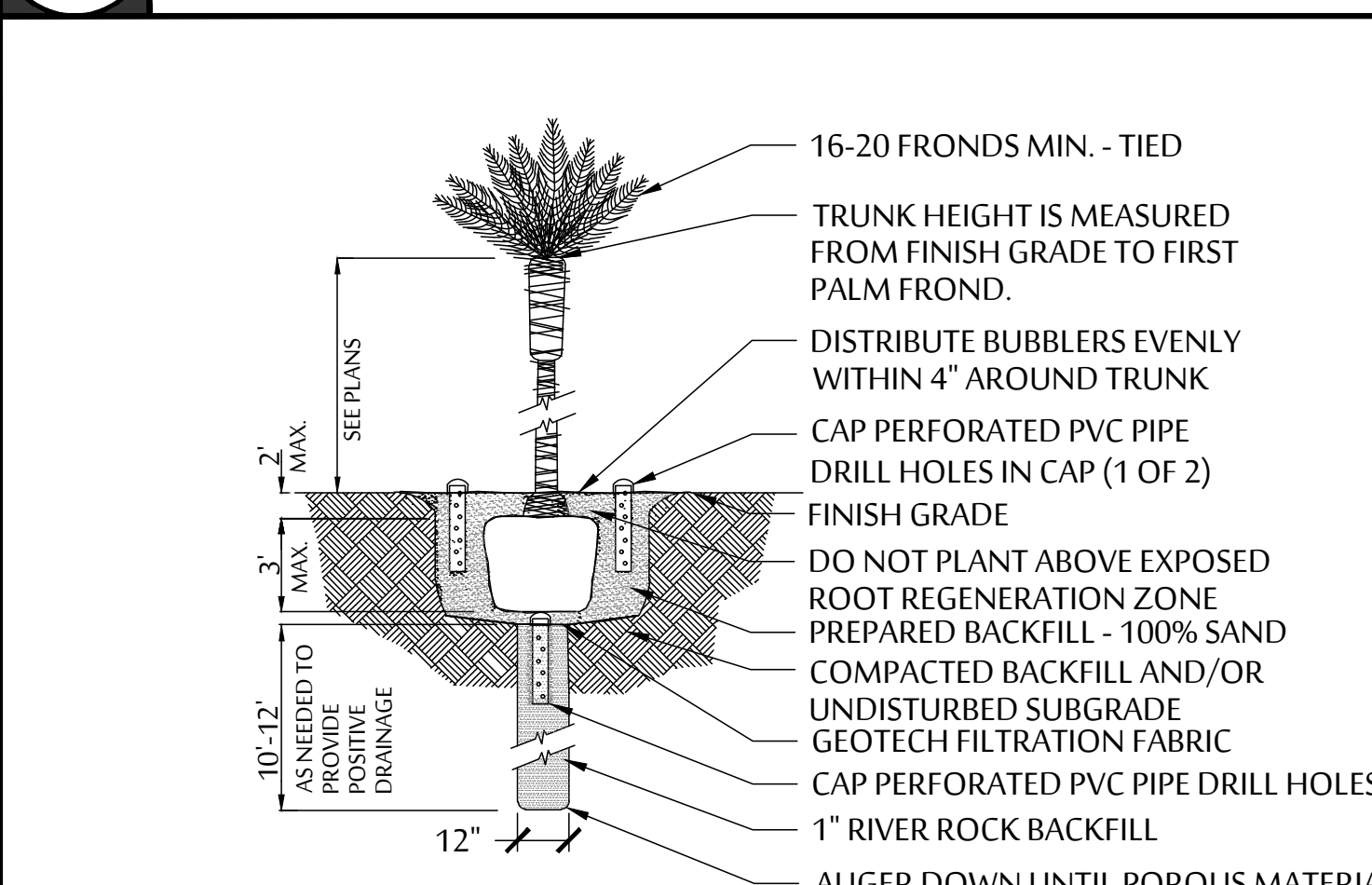


**J** 6" CONCRETE HEADER SCALE: NTS

- TURF SOIL PREP
1. AFTER ROUGH GRADING, ALL LARGER ROCK TO BE REMOVED FROM THE SOIL (2" AND LARGER).
  2. SUB-GRADE TO BE GENERALLY CLEANED UP AND FLAT PRIOR TO THE INSTALLATION OF 4" OF TOP SOIL.
  3. TOP SOIL TO BE ROLLED FOR CONSISTENCY, BUT NOT COMPACTED.
  4. MODERATELY SPRAY THE TOP SOIL WITH WATER PRIOR TO APPLICATION OF TURF GRASS.
  5. INSTALL TURF GRASS PER SUPPLIERS SPECIFICATIONS AND ENSURE THAT ALL SOD SOIL IS LAID FLAT WITH NO LIFTING EDGES THAT MAY BE A TRIPPING HAZARD.
  6. TURF TO RECEIVE NO FOOT TRAFFIC FOR TWO WEEKS AFTER INSTALLATION AND RECEIVE ENOUGH WATER SO IT DOES NOT DRY OUT.
  7. AFTER TWO WEEKS, TURF MAY RECEIVE THE FIRST MAINTENANCE /MOWING. AFTER FIRST MOW, USE A SAND INFILL TO LEVEL OUT ANY UNEVEN SEAMS, GAPS, DIPS OR DEPRESSIONS IN THE TURF/SOIL.
  8. NO HEAVY OR ACTIVE USE FOR ONE MONTH AFTER INSTALL.

**K** TURF/SOD SOIL PREPARATION SCALE: NTS

**L** NOT USED SCALE: NTS



**M** PALM TREE DETAIL SCALE: NTS

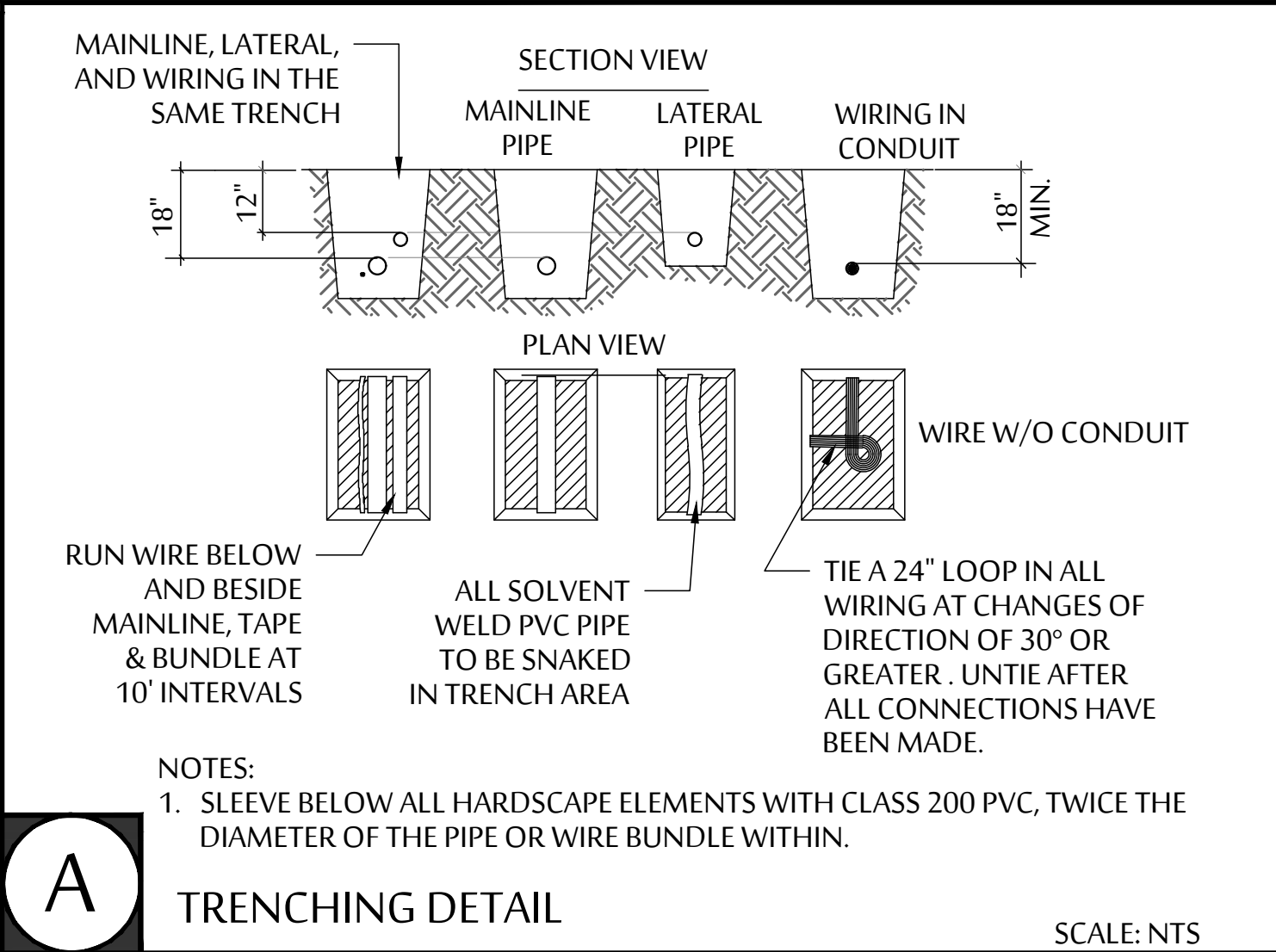
- NOTES:
- 1) SUBCONTRACTOR SPECIALIZING IN PALM TREE MAINTENANCE TO SERVICE ALL PALMS AND PROVIDE BRIEF STATEMENT FOR EACH PALM.
  - 2) USE ONLY NYLON STRAPS FOR PLACING PALMS. DO NOT STAKE UNLESS OTHERWISE APPROVED. ROOTBALLS MUST BE AT LEAST 3' LARGER IN DIA. THAN PALM TRUNK. DIAMOND-CUT TRUNK. FINAL APPEARANCE APPROVED BY LANDSCAPE ARCHITECT.
  - 3) TREAT ALL DATE PALM TREES FOR CROWN ROT AT LEAST ONCE PRIOR TO END OF GUARANTEE PERIOD.
  - 4) PALM LIGHTING: UNIQUE, PROBEOSM = PROS-NL-50 CAST BRASS, ORBITAL SIDE MOUNT, GLARE CONTROL LENS KIT, BRASS MOUNTING BASE, 50' WIRE LEAD, NEED FLEX SERIES MODEL #LED-6W-M6FL27K-12. NEED SPHERE BASE. NEED 6" RISER. MOUNT SPHERE BASE AND RISER 15' BELOW THE BOTTOM OF THE FRONDS. CONTRACTOR SHALL SET UP A DEMO FOR OWNER APPROVAL.

**N** NOT USED SCALE: NTS

**O** NOT USED SCALE: NTS

**O** NOT USED SCALE: NTS





**PIPE SIZING SCHEDULE**

SCALE: NTS

PIPE SIZE	FLOW (GPM)
1/2"	0-5
3/4"	6-10
1"	11-15
1-1/4"	16-25
1-1/2"	26-35
2"	36-60
2-1/2"	61-80
3"	81-120
4"	121-200

ALL VALVE BOXES TO BE CARSON, AMETEK, OR EQUAL. ALL 1/2" LATERAL PIPE TO BE CLASS 315. ALL LATERAL PIPE ABOVE 1/2" TO BE MIN. CLASS 200. ALL MAINLINE PIPE 4" AND LARGER TO BE A MINIMUM CLASS 200 RINGTITE PIPE. MAINLINE PIPE LESS THAN 4" TO BE MINIMUM SCH. 40 PVC.

**SLEEVING SCHEDULE**

SCALE: NTS

PIPE SIZE	MIN. SLEEVE SIZE
1/2"	2"
3/4"	2-1/2"
1", 1-1/4", 1-1/2"	3"
2", 2-1/2"	4"
3" & 4"	6"

ALL PIPE SLEEVES TO BE SCH. 40 PVC AND SHALL BE INSTALLED WITH A MINIMUM OFF-SET AT THE JOINTS TO PERMIT EASY INSTALLATION AND REMOVAL OF IRRIGATION LINES. ALL PLASTIC LINES SHALL BE INSTALLED IN SLEEVES UNDER PAVED AREAS. SLEEVES SHALL EXTEND AT LEAST 12" BEYOND THE EDGES OF THE PAVEMENT. SIZE OF SLEEVES SHALL BE AS SHOWN BELOW:

