CITY OF SCOTTSDALE

PUBLIC IMPROVEMENTS

PLOT DATE: September 26, 2023

COUNCIL
- DAVID D. ORTEGA, MAYOR
- TAMMY CAPUTI
- TOM DURHAM
- BETTY JANIK
- KATHY LITTLEFIELD
- BARRY GRAHAM
- SOLANGE WHITEHEAD

CITY MANAGER
- JIM THOMPSON

CITY ATTORNEY
- SHERRY R. SCOTT

CITY CLERK
- BEN LANE

"AS-BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE "AS-BUILT" IMPROVEMENTS AS SHOWN HEREON ARE LOCATED AS NOTED, AND THE LOCATIONS ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR _____ DATE _____

CITY OF SCOTTSDALE

REVIEWED AND RECOMMENDED APPROVAL BY:

PAVING		STRUCTURES	
GRADING & DRAINAGE		BUILDING	
WATER & SEWER		PLUMBING	
TRAFFIC		MECHANICAL	
PLANNING IMPROVEMENTS		ELECTRICAL	
PLANNING FACILITIES		FIRE IMPROVEMENTS	
LANDSCAPE		FIRE FACILITIES	
NATIVE PLANT			

ENGINEERING COORDINATION MANAGER (OR DESIGNEE) _____ DATE _____

BUILDING OFFICIAL (OR DESIGNEE) _____ DATE _____

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

ENGINEER

RPA AN ARDURRA COMPANY
602.263.1177
www.rpaeng.com
www.ardurra.com
1001 N. CENTRAL AVENUE, SUITE 900
PHOENIX, AZ 85004

FILE: P:\Projects\2020\220087 - Scottsdale Rd - Jomax - Dixileta\CAD Files\Sheets\01-220087-CV01.dwg

SCOTTSDALE ROAD - JOMAX ROAD TO DIXILETA DRIVE

SEALED SUBMITTAL - SEPTEMBER 2023

COS PROJECT NO.: SG05

FED ID NO.: HSIP-SCT-0(238)D

ADOT PROJECT NO.: T032901C

CERTIFICATE OF APPROVAL TO CONSTRUCT

MARICOPA COUNTY ENVIRONMENTAL SERVICES
DEPARTMENT WATER AND WASTE MANAGEMENT DIVISION
MCESD # TBD

PUBLIC WATER SYSTEM ID NUMBER 04-07-098
WASTE WATER SYSTEM ID NUMBER 04-37-011
PROJECT DESCRIPTION:
INSTALLATION OF ROADWAY SAFETY, CAPACITY AND ACCESSIBILITY IMPROVEMENTS, INCLUDING CURB/GUTTER, SIDEWALK/PATH, RAMPS, DRIVEWAYS, MEDIANS, BIKE LANES, DEDICATED TURN LANES, STORM DRAIN FACILITIES, UTILITY RELOCATIONS, ITS, TRAFFIC SIGNALS, LANDSCAPING & HARDSCAPE ELEMENTS.
PROJECT LOCATION: SCOTTSDALE ROAD – JOMAX ROAD TO DIXILETA DRIVE
PROJECT OWNER: CITY OF SCOTTSDALE

PURSUANT TO AAC TITLE 18; CHAPTER 4, ARTICLE 5; OR AAC TITLE 18; CHAPTER 9, ARTICLE 8; AND/OR MARICOPA COUNTY ENVIRONMENTAL HEALTH CODE CHAPTERS II OR V. THIS CERTIFICATE OF APPROVAL TO CONSTRUCT THE ABOVE DESCRIBED FACILITIES AS REPRESENTED IN THE ATTACHED PLAN IS VALID UPON REVIEW AND SIGNATURE BY A MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT'S REPRESENTATIVE GIVEN THE FOLLOWING PROVISIONS:

1.) A REQUEST FOR CERTIFICATE OF APPROVAL OF CONSTRUCTION, TOGETHER WITH AN ENGINEER'S CERTIFICATE OF COMPLETION, AND SEALED ENGINEERED AS-BUILTS PLANS, SHALL BE SUBMITTED TO THIS DEPARTMENT PRIOR TO APPROVAL OF CONSTRUCTION AND STARTUP.

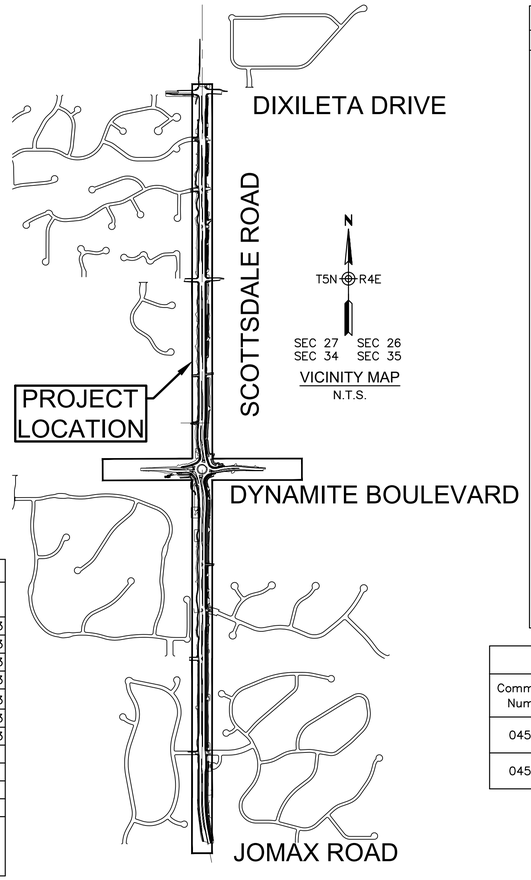
2.) THE APPROVAL TO CONSTRUCT IS VOID IF MAJOR MODIFICATIONS OCCUR TO THE PLANS WITHOUT THE KNOWLEDGE AND CONSENT OF THE DEPARTMENT. IF CONSTRUCTION HAS NOT STARTED WITHIN ONE YEAR OF THE APPROVAL DATE, THIS CERTIFICATE WILL BE VOID. AN EXTENSION OF TIME MAY BE AVAILABLE UPON WRITTEN REQUEST.

APPROVED BY _____ DATE APPROVED _____

NO CONFLICT SIGNATURE BLOCK

UTILITY	UTILITY COMPANY	COMPANY REPRESENTATIVE	TELEPHONE NUMBER	DATE SIGNED
ELECTRIC	APS	BOBBY GARZA	602-371-7989	9/25/2023
TELEPHONE	CENTURYLINK	JASON JENSEN	810-735-2464	9/25/2023
COMM. VAULT	ZAYO GROUP	MANUEL VALENCIA	480-257-7714	9/25/2023
COMM/FIBER	CROWN CASTLE	TODD GILLAM	602-799-0818	9/25/2023
CABLE TV	COX	MATTHEW SARCEDA	602-694-1616	9/25/2023
NATURAL GAS	SW GAS	ANDY SAKS	602-484-5342	9/25/2023
WAT. & SEW.	CITY OF SCOTTSDALE	ALISON TYMKIW	480-312-3481	9/25/2023

SIGNATURE _____ 09/25/2023 DATE



SHEET INDEX

SHEET NO.	DRAWING NO.	DESCRIPTION
1	CV01	COVER SHEET
2	IX01	LEGEND & ABBREVIATIONS
3	GN01	GENERAL NOTES
4–5	TX01–TX02	TYPICAL SECTIONS
6–10	DT01–DT05	DETAILS
11	GC01	GEOMETRIC CONTROL SHEET
12	KM01	KEY MAP
13–72	PV01–PR30	ROADWAY PLAN & PROFILE SHEETS
73–84	ID01–ID12	INTERSECTION DETAILS
85–89	RB01–RB05	ROUNDABOUT GEOMETRIC PLAN
90–127	DR01–DR38	DRAINAGE PLAN & PROFILE SHEETS
128–133	DS01–DS06	SWALE PLAN & PROFILE
134–140	WT01–WT07	WATERLINE PLAN & PROFILE SHEETS
141–142	WL01–WL02	WALL PLAN & DETAILS
143–158	SM01–SM16	SIGNING AND MARKING PLANS
159–166	TS01–TS08	TRAFFIC SIGNAL SHEETS
167–171	LT01–LT05	STREET LIGHTING PLANS
172–184	ITS01–ITS13	ITS INFRASTRUCTURE PLAN
185–193	NPI101–NP205	NATIVE PLANT SHEETS
194	LN01	LANDSCAPE NOTES & PLANT LEGEND
195–224	LP01–LP30	LANDSCAPE SHEETS
225–226	LD01–LD02	LANDSCAPE DETAILS
227	HN01	SURFACE MATERIALS NOTES
228–230	HD01–HD03	HARDSCAPE DETAILS
231–233	IN01–IN03	IRRIGATION NOTES
234–263	IP01–IP30	IRRIGATION SHEETS
264–268	ID01–ID05	IRRIGATION DETAILS
269–280	EC01–EC12	EROSION CONTROL SHEETS
281–299	XS01–XS19	CROSS-SECTION SHEETS

FLOOD INSURANCE RATE MAP BLOCK (FIRM)

Community Number	Panel # Panel Date	Suffix	Date of FIRM (Index Date)	FIRM Zone	Base Flood Elevation (in AO Zone use Depth)
045012	0893	M	07/20/2021	AE	2158, 2146
045012	1306	M	07/20/2021	AE	2146

CITY OF SCOTTSDALE APPROVED PLANS SHALL BE KEPT ON THE JOB SITE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION.

SCOTTSDALE ROAD - JOMAX ROAD TO DIXILETA DRIVE PROJECT NO. SG05

FED ID NO.: HSIP-SCT-0(238)D | ADOT PROJECT NO.: T032901C

PLAN REVIEW NO. 2522-22 (PLAN SET SUPERCEDES MAY 04, 2023)

Professional Engineer 54487 ANDREW MATUSAK ARIZONA U.S.A. Date Signed 09/26/2023 EXPIRES 03/31/2025

SHT. CV01

2-DR-2024
2/27/24

ABBREVIATIONS

ACRES	AC
AGGREGATE BASE	AB
AHEAD	AHD
AIR RELEASE VALVE	ARV
ALUMINUM	AL
ANGLE POINT	AP
APPROXIMATE	APPROX
ARIZONA DEPARTMENT OF TRANSPORTATION	ADOT
ASPHALTIC CONCRETE	AC
ASSESSORS PARCEL NUMBER	APN
AVENUE	AVE
BACK OF CURB	B/C
BEGIN CURB RETURN	BCR
BEGIN VERTICAL CURVE	BVC
BACKFLOW PREVENTER	BFP
BEGIN	BEG
BLACK	BK
BOULEVARD	BLVD
BRASS CAP	BC
BRASS CAP FLUSH	BCF
BRASS CAP IN HANDHOLE	BCHH
CALCULATED	(C) / CALC
CATCH BASIN	CB
CENTERLINE	C/L / ℄
CITY OF SCOTTSDALE	COS
CONCRETE BOX CULVERT	CBC
CAST IN PLACE CONCRETE PIPE	CIP / C.I.P.
CONSTRUCTION	CONSTR
CITY OF PHOENIX	COP
CORNER	COR
COUNTY	CO
COUNTY UTILITY EASEMENT	CUE
CUBIC YARDS	CY
CURB	C
DEGREES	°
DEGREE OF CURVE	D
DELTA	Δ
DEPARTMENT	DEPT
DETAIL	DET
DRAWING	DWG
DRAINAGE	DRAIN
DRAINAGE EASEMENT	DE
DRIVE	DR
DRIVEWAY	D/W
DUCTILE IRON PIPE	DIP / D.I.P.
EACH	EA
EASEMENT	ESMT
EAST	E
EDGE OF PAVEMENT	EP / E/P
ELECTRIC JUNCTION BOX	EJB
ELECTRIC CABINET	CAB
ELECTRIC METER	EM
ELECTRIC STUB UP	ESU
ELECTRIC VAULT	EV
ELECTRICAL	ELEC
ELEVATION	ELEV / EL
END CURB RETURN	ECR
END VERTICAL CURVE	EVC
EQUATION	EQUA
EQUESTRIAN / PEDESTRIAN TRAIL EASEMENT	EPTE
EXISTING	EX
FACE OF CURB	F/C
FEDERAL	FED
FEET	FT OR '
FINISHED GRADE	FG
FIBER OPTICS	FO
FLOWLINE	FL
FOUND	FND
GEODETIC DENSIFICATION AND CONTROL SURVEY	GDACS
GRADE CHANGE	GC
GILA & SALT RIVER MERIDIAN	G&SRM
GOVERNMENT LAND OFFICE	GLO
GREEN	GN
GUTTER	G
HANDHOLE	HH
HEADWALL	HDWL
HIGHWAY	HWY
HIGH WATER ELEVATION	HWE
HYDRAULIC GRADE LINE	HGL
INCH	IN OR "
INVERT	INV
INTELLIGENT TRANSPORTATION SYSTEM	ITS
IRRIGATION	IRR
JUNCTION	JCT
LANE	LN
LINEAR FEET	LF
LEFT	L / LT
LENGTH OF CURVE	L / LVC
LETTER	LTR
LUMP SUM	LS
MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION	MCDOT
MARICOPA COUNTY RECORDER	MCR
MARICOPA COUNTY HIGHWAY DEPARTMENT	MCHD
MARICOPA ASSOCIATION OF GOVERNMENTS	MAG
MAXIMUM	MAX
MEASURED	(M)
MILE POST	MP
MILLIMETER	MM
MINIMUM	MIN
MINUTES	'
MISCELLANEOUS	MISC
MONUMENT	MON
NATIONAL GEODETIC VERTICAL DATUM	NGVD
NATURAL AREA OPEN SPACE	NAOS
NATURAL GROUND	NG
NON-PAY ITEM	NPI
NORTH	N
NORTH ATLANTIC VERTICAL DATUM	NAVD
NOT TO SCALE	NTS / N.T.S.
NUMBER	NO
OFFSET	OFF
OUTSIDE DIAMETER	OD
PARCEL	PAR
PARKWAY	PKWY
PAVEMENT	PVMT / P
PEDESTRIAN	PED
PLACE	PL
POINT OF COMPOUND CURVE	PCC
POINT OF CURVATURE	PC
POINT OF INTERSECTION	PI / PVI
POINT OF REVERSE CURVE	PRC
POINT OF TANGENT	PT
POINT ON CURVE	POC
POINT ON TANGENT	POT
POINT ON SEMI-TANGENT	POST
PORTLAND CEMENT CONCRETE PAVEMENT	PCCP
POTHOLE	PH
PRESSURE REDUCING VALVE	PRV
PROPOSED	PROP
PROTECT IN PLACE	PIP
PUBLIC ACCESS EASEMENT	PAE
PUBLIC UTILITY EASEMENT	PUE
PUBLIC UTILITY, WALL AND LANDSCAPE EASEMENT	PULE
PUBLIC UTILITY EASEMENT AND ACCESS EASEMENT	PUEAE
RADIUS	R
RAILROAD	RR
REBAR	RBR
REBAR AND CAP	R&C
RECORDED	(R)
REINFORCED CONCRETE PIPE	RCP
RUBBER GASKET REINFORCED	RGRCP
CONCRETE PIPE	CP
RIGHT	R / RT
RIGHT OF WAY	RD
ROAD	R/W
SCUPPER	SCPR
SECONDS	"
SECTION	SEC
SHEET	SHT
SIDEWALK	S/W
SIGN OR STREET SIGN	SGN
SLOPE	S
SOUTH	S
SOUTHWEST GAS	SWG
STORM DRAIN MANHOLE	SD
SQUARE	SQ
SQUARE FEET	SF
SQUARE YARD	SY
STANDARD	STD
STATE ROUTE	SR
STATION	STA
STREET	ST
SUBDIVISION	SUBD
TAIL WATER ELEVATION	TWE
TANGENT LENGTH	TL
TELEPHONE	T
TELEVISION	TV
TEMPORARY CONSTRUCTION EASEMENT	TCE
TEMPORARY	TEMP
TO BE VERIFIED	TBV
TOP OF CURB	TC
TOP OF WALL	TW
TOWNSHIP	T
TRAFFIC INTERCHANGE	TI
TRANSFORMER	TSFM
TYPICAL	TYP
UNKNOWN	UNKN
UNDERGROUND ELECTRIC	UGE
VALLEY GUTTER	VG
VEHICULAR NON-ACCESS EASEMENT	VNAE
VOLUME	VOL
WATER	WTR / WAT
WATER METER	WM
WALL AND DRAINAGE EASEMENT	WDE
WELL WATER LINE	WELL
WATER VAULT/MANHOLE	WMH
WEST	W
WITH	W/

SYMBOL LEGEND

- HANDHOLE
- BRASS CAP
- ALUMINUM CAP
- CURB & GUTTER (VERTICAL TYPE)
- CURB & GUTTER (ROLL)
- CURB TRANSITION
- CONCRETE DRIVEWAY OR DRIVEWAY ENTRANCE
- SIDEWALK RAMP
- SIGN
- EXISTING WATER/GAS VALVE
- NEW WATER/GAS VALVE
- EXISTING WATER METER
- NEW WATER METER
- EXISTING FIRE HYDRANT
- NEW OR RELOCATED FIRE HYDRANT
- EXISTING UTILITY POLE
- EXISTING STREET LIGHT
- MAIL BOX
- DOWN GUY ANCHOR
- EXISTING TREE
- EXISTING PALM TREE
- EXISTING BOULDER
- EXISTING FIRE DEPARTMENT CONNECTION
- EXISTING BACKFLOW ASSEMBLY
- EXISTING AIR RELEASE VALVE
- EXISTING CABLE TV STRUCTURE
- EXISTING PLUG/ CAP
- EXISTING ELECTRICAL OUTLET
- EXISTING UTILITY MANHOLE
- EXISTING SEWER MANHOLE
- EXISTING WATER VAULT/MANHOLE
- EXISTING STORM DRAIN MANHOLE
- EXISTING GAS MANHOLE
- EXISTING GAS VALVE
- EXISTING IRRIGATION CONTROL VALVE
- DETECTABLE WARNING
- STAMPED ASPHALT PAVEMENT
- REMOVALS
- NEW AC PAVEMENT
- NEW CONCRETE (RAMP, D/W, VG)
- NEW SIDEWALK
- BRICK PAVERS
- PATH
- GASLINE MARKER
- ELECTRIC PULLBOX
- BOLLARD
- WATER PUMP
- EXISTING TRAFFIC PULLBOX
- EXISTING ELECTRIC STUB OUT
- EXISTING SEWER CLEAN OUT
- EXISTING IRRIGATION CONTROL BOX
- EXISTING ELECTRIC MANHOLE
- WATER BLOW OFF
- CATCH BASIN
- PROPOSED STREET LIGHT
- EXISTING TELEPHONE MANHOLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING ELECTRIC METER
- EXISTING CACTUS
- EXISTING TELEVISION PEDESTAL
- WATER STUB OUT
- LANDSCAPE LIGHTING
- GATE
- ELECTRIC TRANSFORMER
- HEADWALL
- CABLE TELEVISION MANHOLE
- MONUMENT / CENTERLINE
- SECTION LINE
- EXISTING R/W
- PROPERTY LINE
- CROWN LINE
- EASEMENT LINE
- DRAINAGE EASEMENT LINE
- TCE LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND TELEPHONE
- EXISTING UNDERGROUND CABLE TV
- EXISTING SANITARY SEWER PIPE
- EXISTING FORCE MAIN SEWER
- EXISTING ZAYO FIBER OPTIC
- EXISTING STORM DRAIN PIPE
- EXISTING IRRIGATION PIPE
- EXISTING WATER PIPE
- EXISTING NATURAL GAS PIPE
- NEW STORM DRAIN
- NEW BOX CULVERT
- TOE OF SLOPE
- CUT LIMITS
- FILL LIMITS
- NEW FENCE
- EXISTING FENCE
- HIGH WATER LEVEL
- SAWCUT LINE
- NEW LIGHTING CONDUIT
- FIBER OPTIC
- NEW CMU WALL
- EXIST BLOCK WALL
- NEW BLOCK WALL
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DRAINAGE SWALE

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DATE	REVISION	BY

ENGINEER
54487 ANDREW MATUSAK
Date Signed
ARIZONA, U.S.A.
EXPIRES 03/31/2025

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LEGEND AND ABBREVIATIONS

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

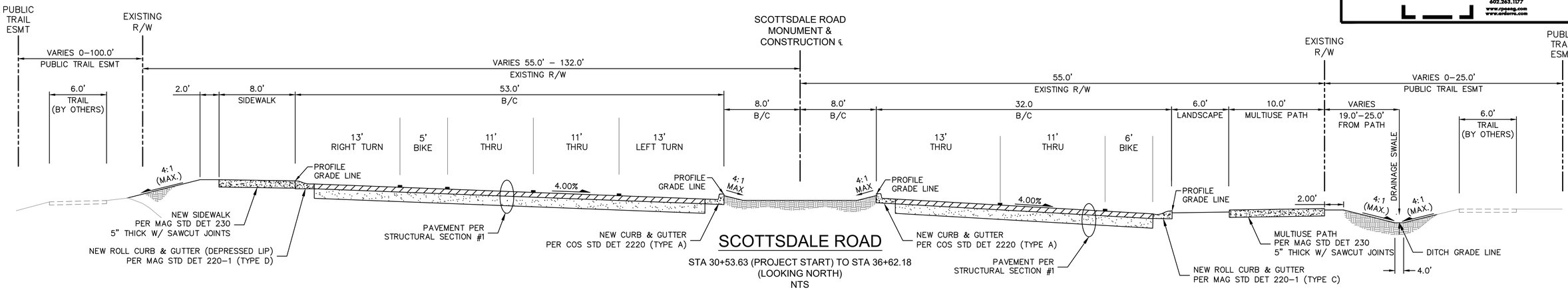
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HORIZ. N/A	SP			IX01
VERT. N/A	DRAWN MT	AS-BUILT	COS PROJECT NO. SG05	02 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24

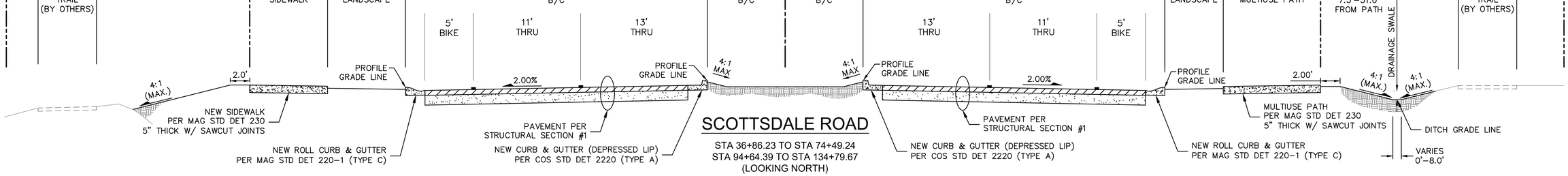
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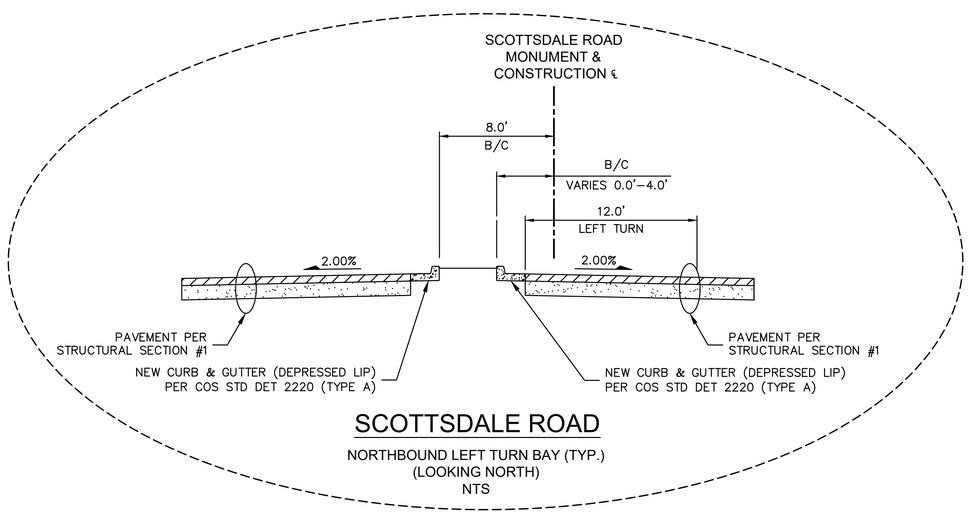
SCOTTSDALE ROAD

STA 30+53.63 (PROJECT START) TO STA 36+62.18
(LOOKING NORTH)
NTS



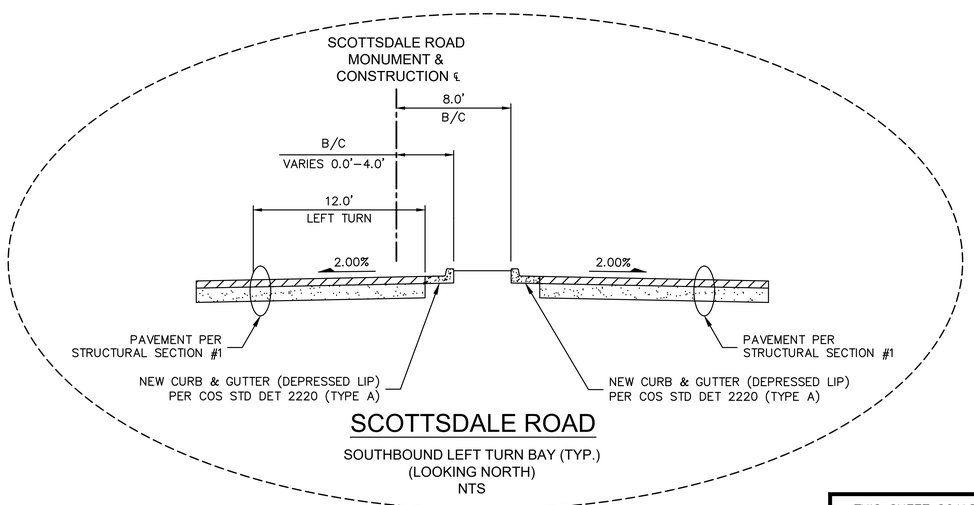
SCOTTSDALE ROAD

STA 36+86.23 TO STA 74+49.24
STA 94+64.39 TO STA 134+79.67
(LOOKING NORTH)
NTS



SCOTTSDALE ROAD

NORTHBOUND LEFT TURN BAY (TYP.)
(LOOKING NORTH)
NTS



SCOTTSDALE ROAD

SOUTHBOUND LEFT TURN BAY (TYP.)
(LOOKING NORTH)
NTS

NOTE:
STA 30+00 IS THE CENTERLINE OF THE INTERSECTION OF JOMAX RD AND SCOTTSDALE RD

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Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
54487 ANDREW MATUSAK
REGISTERED PROFESSIONAL ENGINEER
ARIZONA, U.S.A.
EXPIRES 03/31/2025

CITY OF SCOTTSDALE
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
TYPICAL SECTIONS

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. N/A	SP	09/2023		TX01
VERT. N/A	DRAWN	AS-BUILT	COS PROJECT NO.	
	MT		SG05	04 OF 299

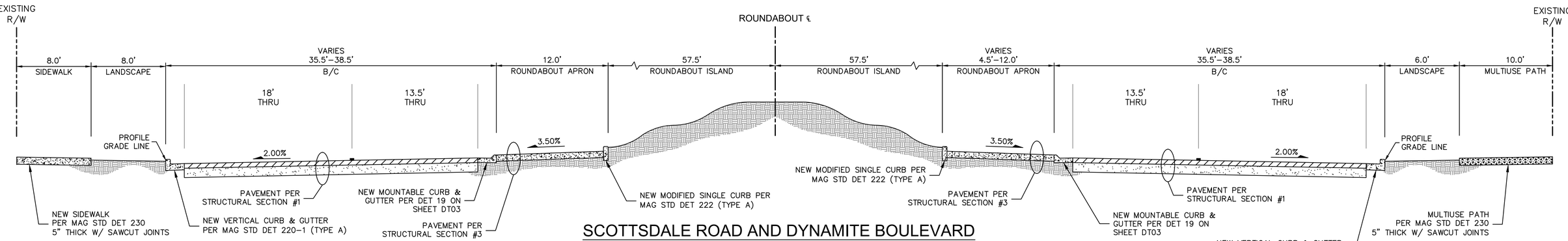
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2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

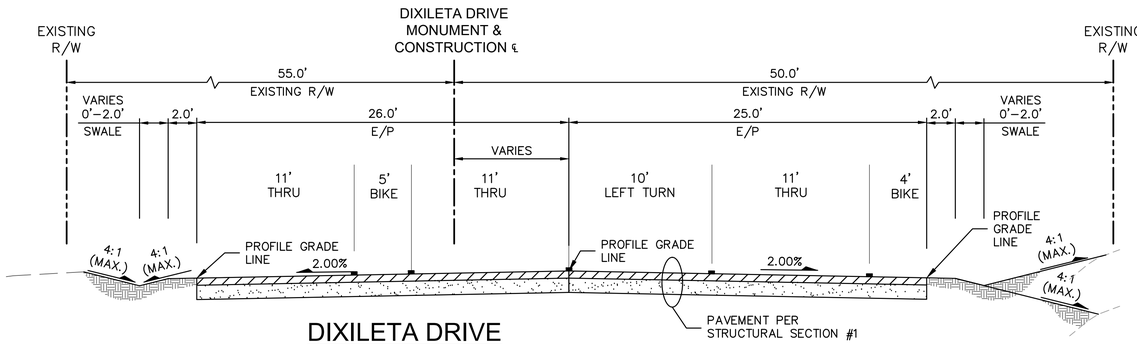
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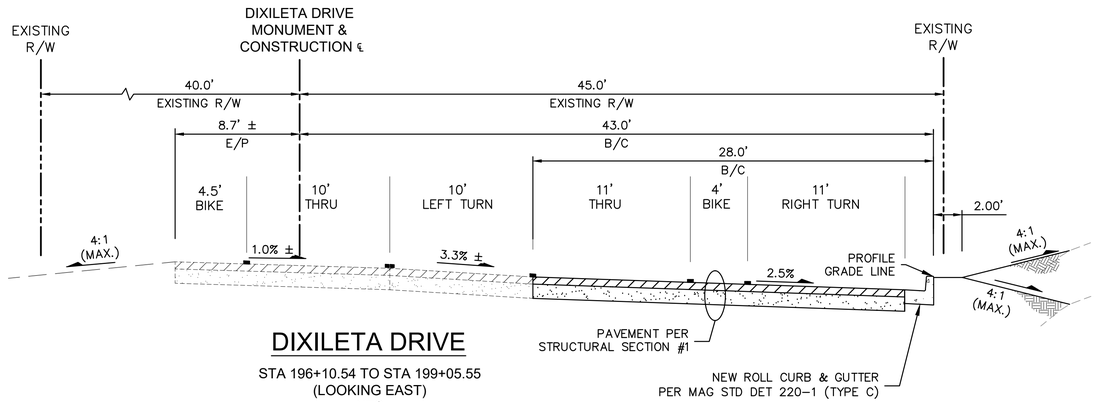
SCOTTSDALE ROAD AND DYNAMITE BOULEVARD ROUNDABOUT

(LOOKING NORTHEAST)
NTS



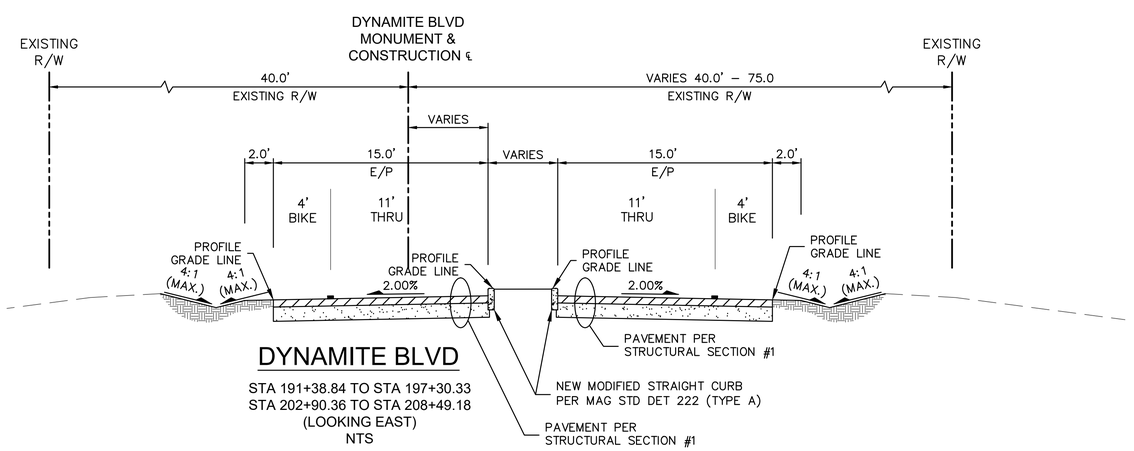
DIXILETA DRIVE

STA 200+84.95 TO STA 202+68.69
(LOOKING EAST)
NTS



DIXILETA DRIVE

STA 196+10.54 TO STA 199+05.55
(LOOKING EAST)
NTS



DYNAMITE BLVD

STA 191+38.84 TO STA 197+30.33
STA 202+90.36 TO STA 208+49.18
(LOOKING EAST)
NTS

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ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
54487 ANDREW MATUSAK
Date Signed
ARIZONA, U.S.A.
EXPIRES 03/31/2025

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ARIZONA

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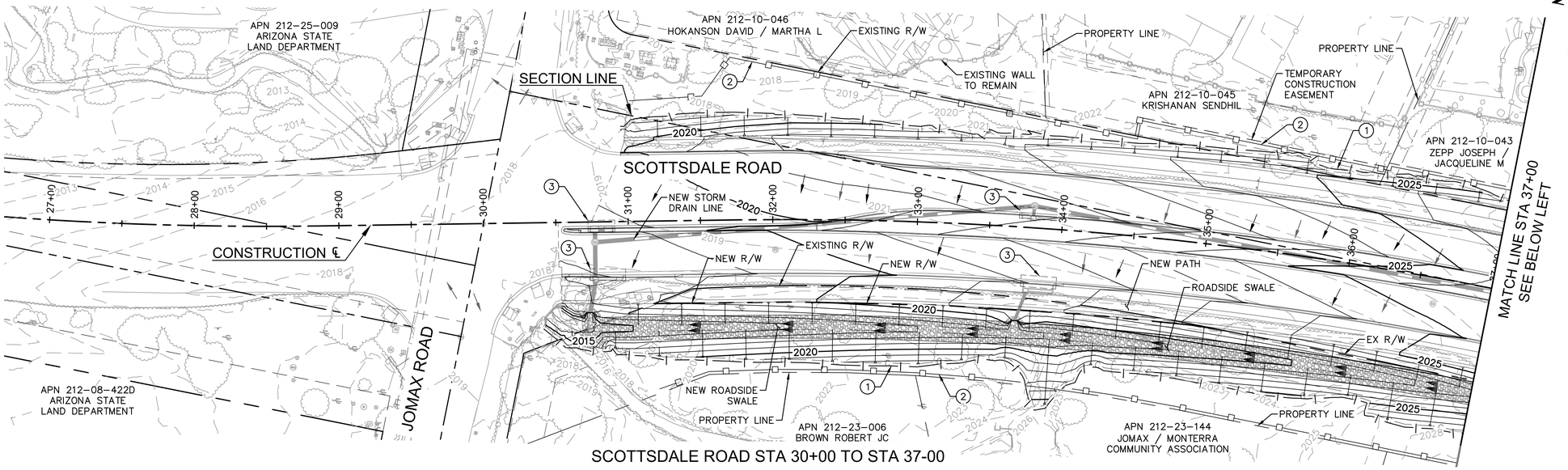
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VERT. N/A	DRAWN MT	AS–BUILT	COS PROJECT NO. SG05	05 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

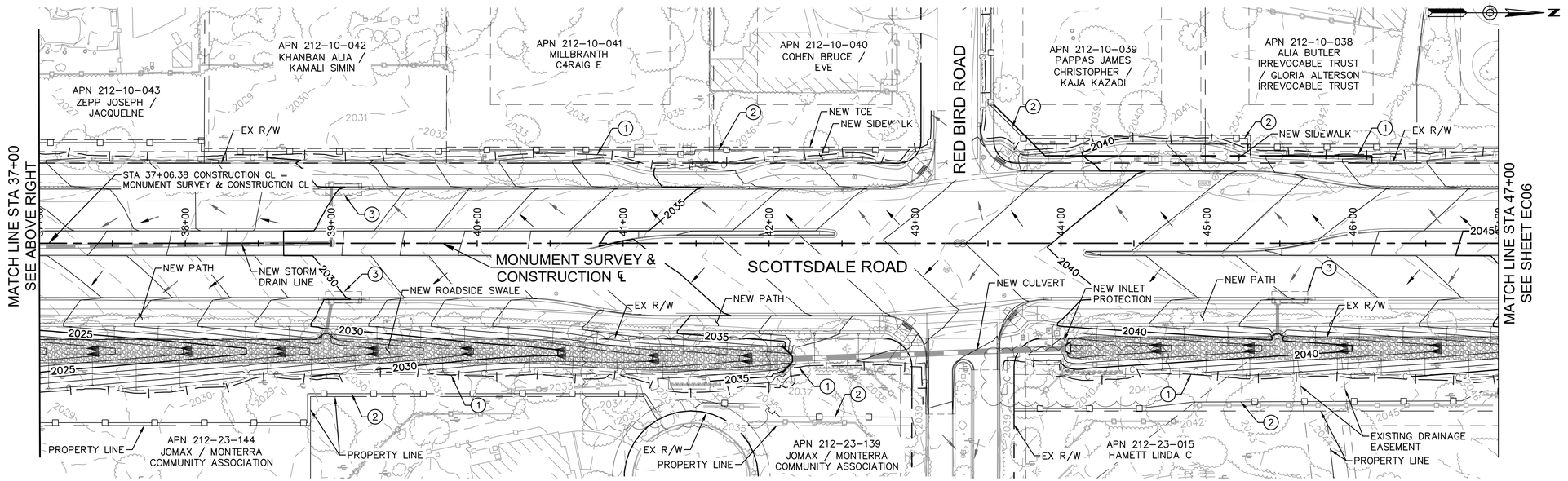
2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

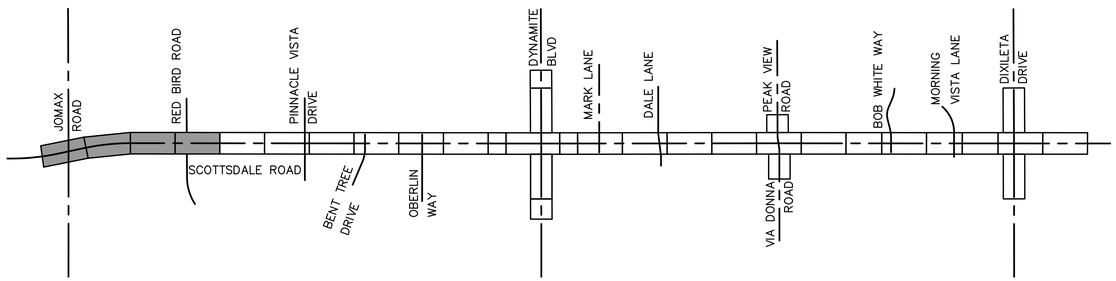
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SCOTTSDALE ROAD STA 30+00 TO STA 37-00



SCOTTSDALE ROAD STA 37-00 TO STA 47+00



KEY MAP

CONSTRUCTION NOTES DESCRIPTION

1. SEDIMENT WATTLE, PER DETAIL SHEET EC03.
2. SILT FENCE, PER DETAIL SHEET EC03.
3. CURB INLET GUARD, PER DETAIL SHEET EC04.
4. CONSTRUCTION ENTRANCE, PER DETAIL SHEET EC03. (LOCATION TO BE DETERMINED BY THE CONTRACTOR)

LEGEND

- INDICATES PROPOSED STREET IMPROVEMENT
- INDICATES PROPOSED R/W
- INDICATE PROPOSED TEMPORARY CONSTRUCTION EASEMENT, (TCE)
- INDICATED WATTLE (9")
- SEDIMENT LOG (20")
- INDICATED DRAINAGE FEATURE
- INDICATES CURB INLET GUARD
- INDICATES ROCK MULCH (GRADATION C)
- CONSTRUCTION ENTRANCE (ROCK MULCH) (NOT SHOWN ON THIS SHEET)
- SILT FENCE
- EXISTING FLOW ARROWS
- PROPOSED FLOW ARROWS

BMP - NOTES

1. PERMANENT BMP: REPLACE ALL SEDIMENT WATTLES WITH NEW STRAW WATTLES AT THE COMPLETION OF CONSTRUCTION AND BEFORE COMMENCEMENT OF OVERSEEDING.
2. OVERSEEDING SHALL AT A MINIMUM EXTEND TO LIMITS OF SILT FENCE AS SHOWN ON THESE PLANS AND TO ANY DISTURBED AREA. SILT FENCE TO BE REMOVED PRIOR TO PROJECT COMPLETION.
3. RIPRAP TO BE INSTALLED AT ALL DRAINAGE INLET AND OUTLETS AS SHOWN ON PLANS (INCLUDING SWALE AND WASH CONVERGENCIES) IMMEDIATELY AFTER THEY ARE CONSTRUCTED AND PRIOR TO ANY RAIN EVENT.

0 20 40 80
HORIZONTAL 1"= 40'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

RPA AN ARDURRA COMPANY
602.263.1177
www.rpaeng.com
www.ardurra.com

DATE | REVISION | BY

ENGINEER
54487
ANDREW
MATUSAK
Date Signed
ARIZONA, U.S.A.
EXPIRES 03/31/2025

CITY OF SCOTTSDALE
ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
EROSION CONTROL PLANS
STA 30+00.00 TO 47+00.00

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

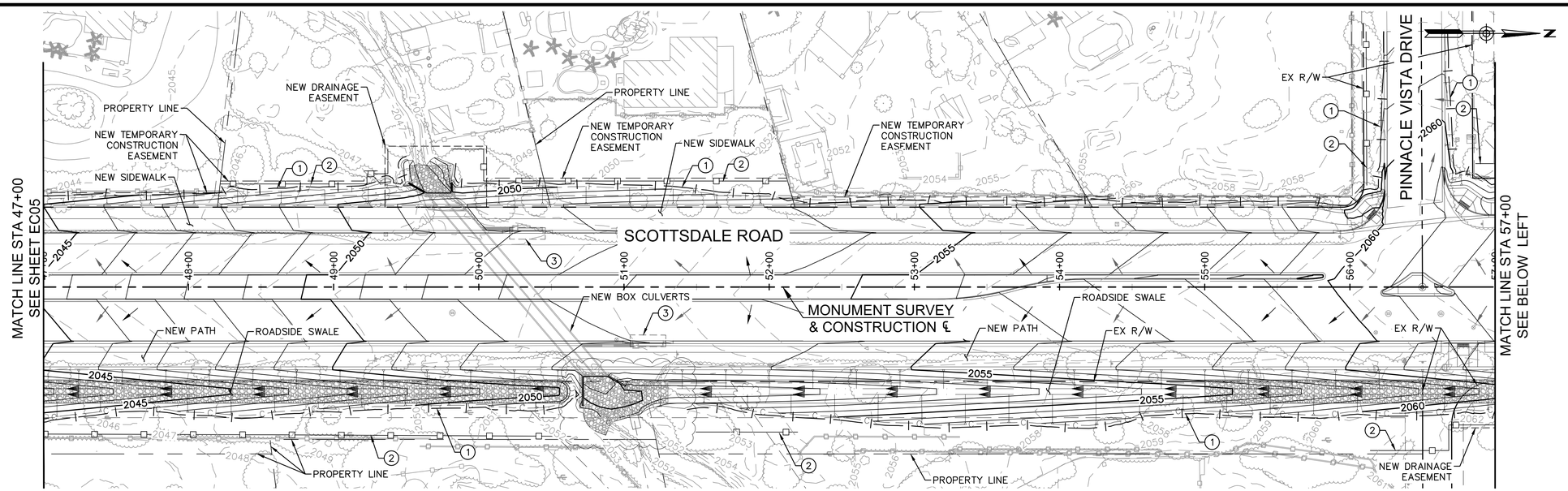
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HORIZ. 1"=40'	SP	09/2023		EC05
VERT. N/A	DRAWN MT	AS-BUILT	COS PROJECT NO. SG05	273 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

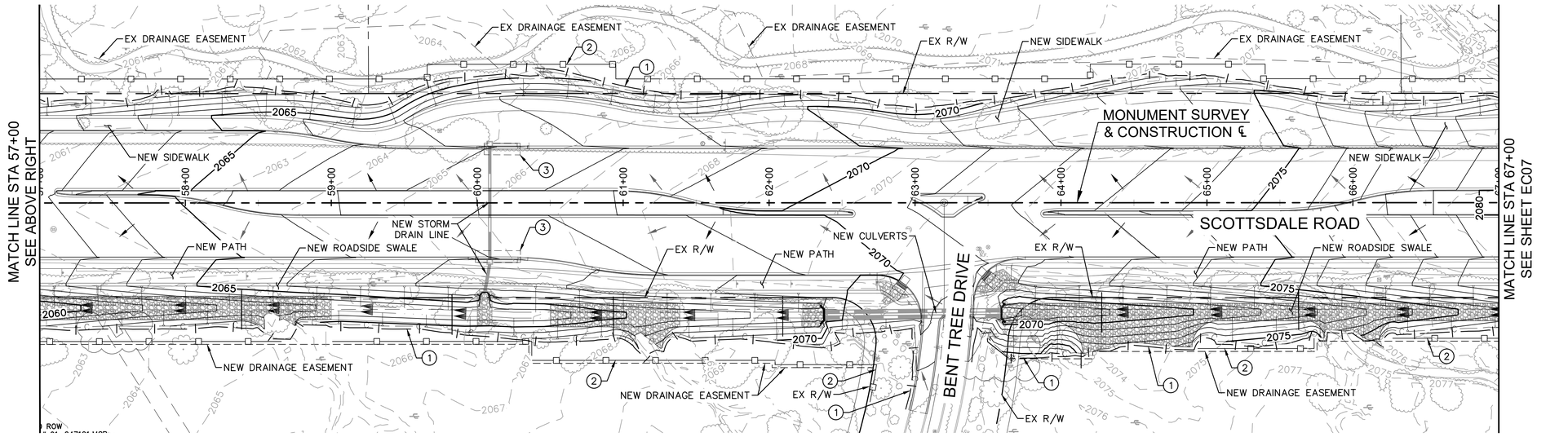
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2/27/24

PLOT DATE: Sep 26, 2023

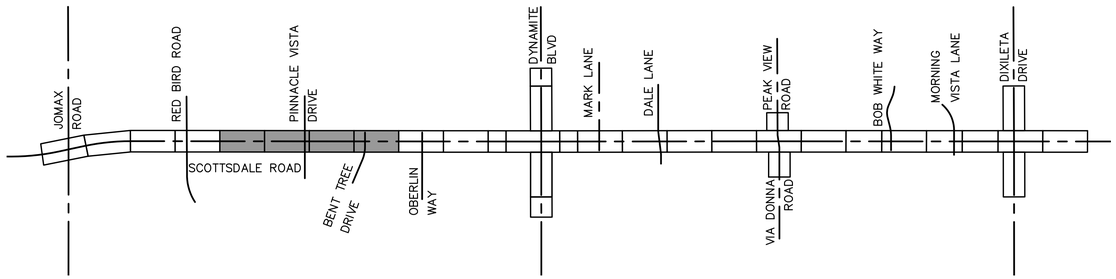
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SCOTTSDALE ROAD STA 47+00 TO STA 57+00



SCOTTSDALE ROAD STA 57+00 TO STA 67+00



KEY MAP

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www.ardurra.com

CONSTRUCTION NOTES DESCRIPTION

1. SEDIMENT WATTLE, PER DETAIL SHEET EC03.
2. SILT FENCE, PER DETAIL SHEET EC03.
3. CURB INLET GUARD, PER DETAIL SHEET EC04.
4. CONSTRUCTION ENTRANCE, PER DETAIL SHEET EC03. (LOCATION TO BE DETERMINED BY THE CONTRACTOR)

LEGEND

- INDICATES PROPOSED STREET IMPROVEMENT
- INDICATES PROPOSED R/W
- INDICATE PROPOSED TEMPORARY CONSTRUCTION EASEMENT, (TCE)
- INDICATED WATTLE (9")
- SEDIMENT LOG (20")
- INDICATED DRAINAGE FEATURE
- INDICATES CURB INLET GUARD
- INDICATES ROCK MULCH (GRADATION C)
- CONSTRUCTION ENTRANCE (ROCK MULCH)
- SILT FENCE
- EXISTING FLOW ARROWS
- PROPOSED FLOW ARROWS

BMP - NOTES

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2. OVERSEEDING SHALL AT A MINIMUM EXTEND TO LIMITS OF SILT FENCE AS SHOWN ON THESE PLANS AND TO ANY DISTURBED AREA. SILT FENCE TO BE REMOVED PRIOR TO PROJECT COMPLETION.
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0 20 40 80
HORIZONTAL 1"= 40'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed 6/30/2023 ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
EROSION CONTROL PLANS STA 47+00.00 TO 67+00.00

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

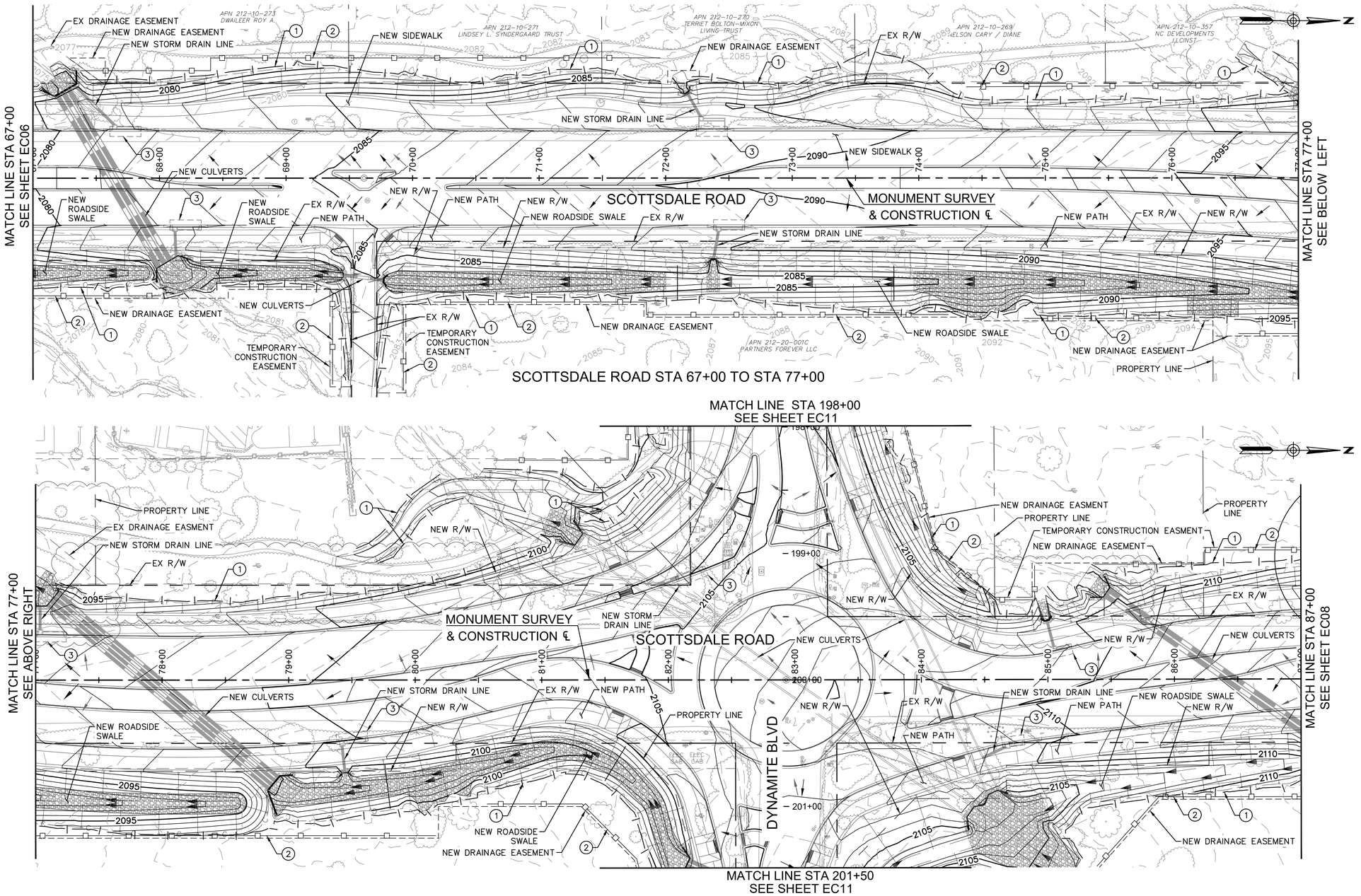
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HORIZ. 1"=40'	KA	09/2023		EC06
VERT. N/A	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	274 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24

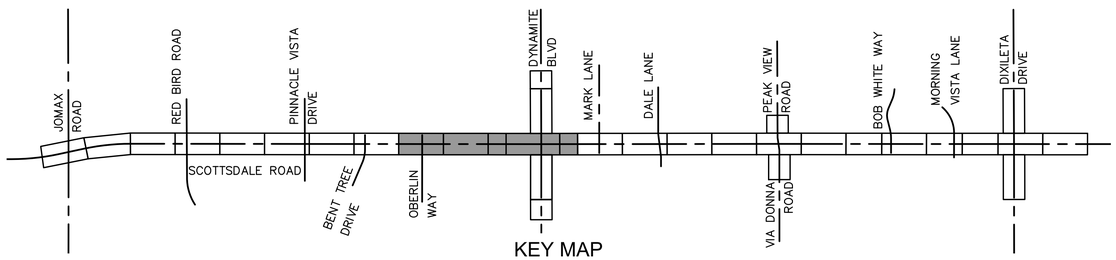
PLOT DATE: Sep 26, 2023

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SCOTTSDALE ROAD STA 67+00 TO STA 77+00

SCOTTSDALE ROAD STA 77+00 TO STA 87+00



KEY MAP

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CONSTRUCTION NOTES DESCRIPTION

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2. SILT FENCE, PER DETAIL SHEET EC03.
3. CURB INLET GUARD, PER DETAIL SHEET EC04.
4. CONSTRUCTION ENTRANCE, PER DETAIL SHEET EC03. (LOCATION TO BE DETERMINED BY THE CONTRACTOR)

LEGEND

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- INDICATES PROPOSED R/W
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- SEDIMENT LOG (20")
- INDICATED DRAINAGE FEATURE
- INDICATES CURB INLET GUARD
- INDICATES ROCK MULCH (GRADATION C)
- CONSTRUCTION ENTRANCE (ROCK MULCH)
- SILT FENCE
- EXISTING FLOW ARROWS
- PROPOSED FLOW ARROWS

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HORIZONTAL 1"= 40'

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ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed 09/29/23 ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
EROSION CONTROL PLANS
STA 67+00.00 TO 87+00.00

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

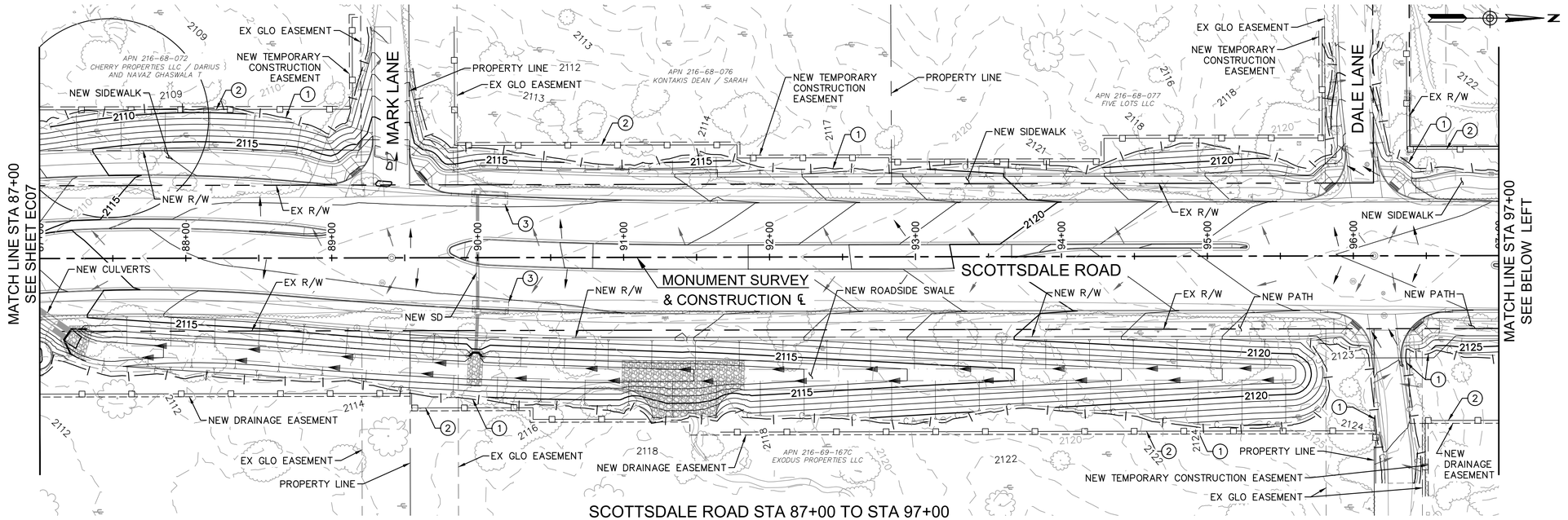
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VERT. N/A	DRAWN AH	AS-BUILT	COS PROJECT NO. S605	275 OF 299

PLOT DATE: Sep 26, 2023

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PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24



PLOT DATE: Sep 26, 2023

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CONSTRUCTION NOTES DESCRIPTION

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3. CURB INLET GUARD, PER DETAIL SHEET EC04.
4. CONSTRUCTION ENTRANCE, PER DETAIL SHEET EC03. (LOCATION TO BE DETERMINED BY THE CONTRACTOR)

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- SEDIMENT LOG (20")
- INDICATED DRAINAGE FEATURE
- INDICATES CURB INLET GUARD
- INDICATES ROCK MULCH (GRADATION C)
- CONSTRUCTION ENTRANCE (ROCK MULCH)
- SILT FENCE
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- PROPOSED FLOW ARROWS

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0 20 40 80
HORIZONTAL 1"= 40'

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DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO. 27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

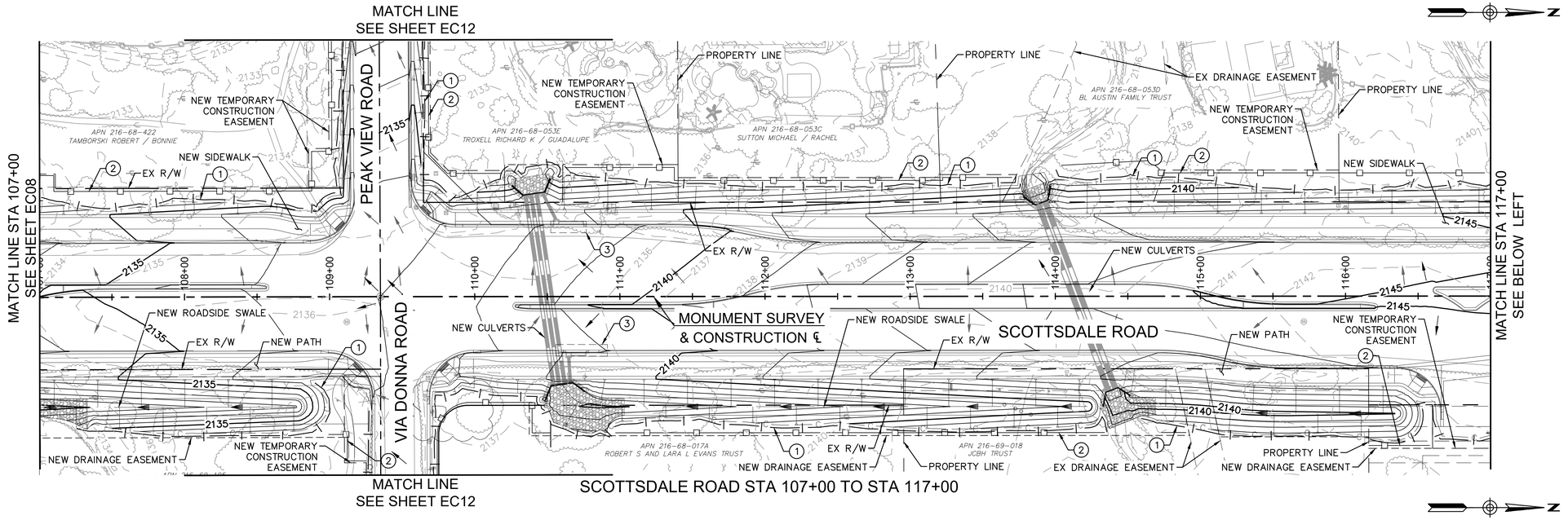
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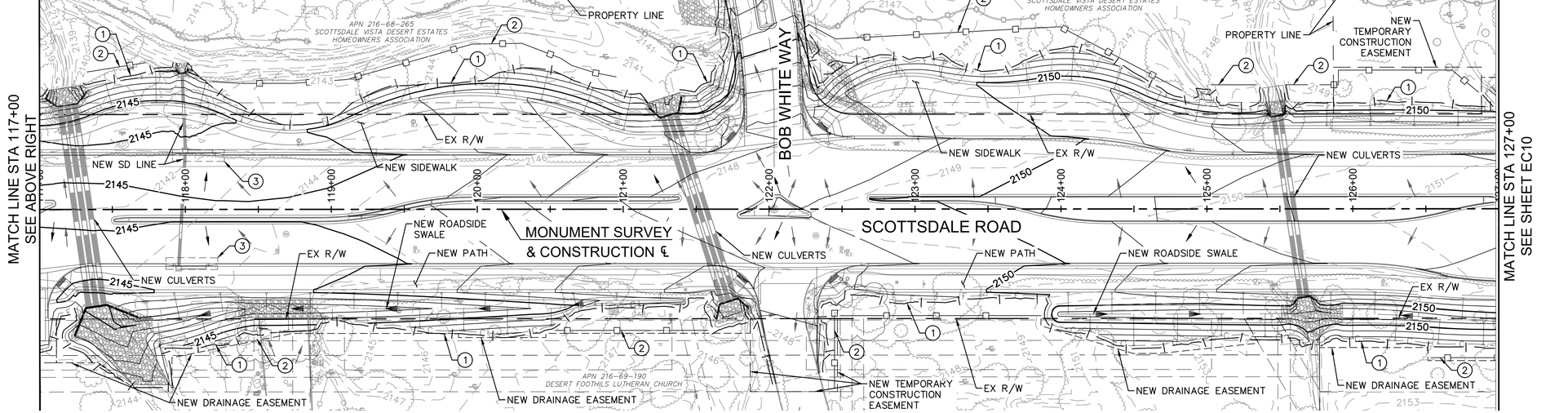
PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

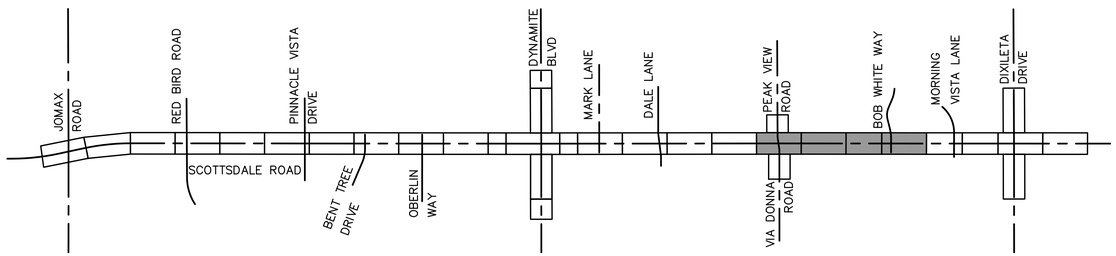
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VERT. N/A	DRAWN	AS-BUILT	COS PROJECT NO.	276 OF 299
	AH		SG05	

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24







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CONSTRUCTION NOTES DESCRIPTION

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3. CURB INLET GUARD, PER DETAIL SHEET EC04.
4. CONSTRUCTION ENTRANCE, PER DETAIL SHEET EC03. (LOCATION TO BE DETERMINED BY THE CONTRACTOR)

LEGEND

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- INDICATED WATTLE (9")
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- INDICATES ROCK MULCH (GRADATION C)
- CONSTRUCTION ENTRANCE (ROCK MULCH)
- SILT FENCE
- EXISTING FLOW ARROWS
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0 20 40 80
HORIZONTAL 1"= 40'

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DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil)
CERTIFICATE NO. 27556
RAJU C. SHAH
Date Signed 12/21/2023
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
EROSION CONTROL PLANS
STA 107+00.00 TO 127+00.00

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

SCALE	DESIGNED		BID NO.	SHT.
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VERT. N/A	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	277 OF 299

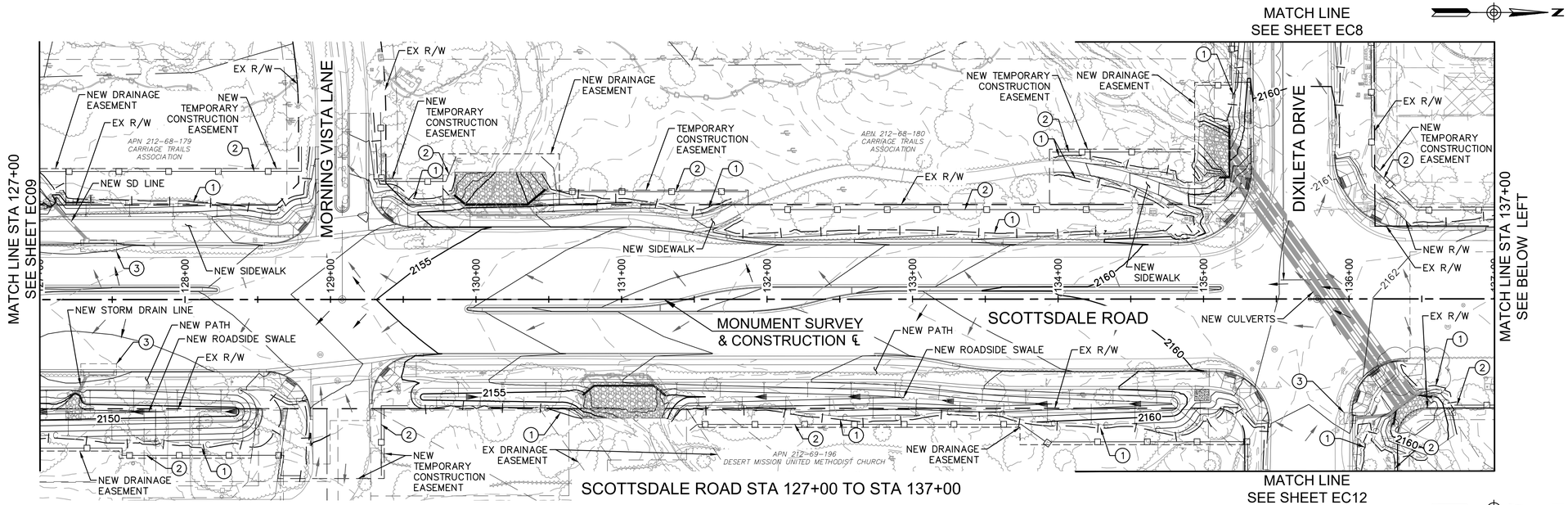
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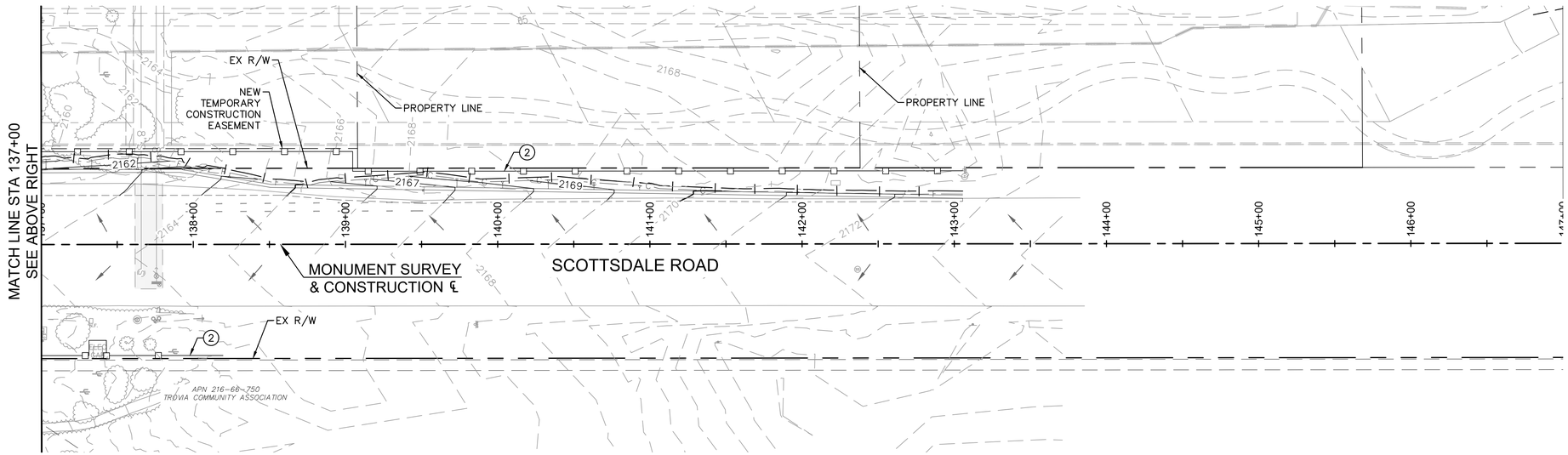
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2/27/24

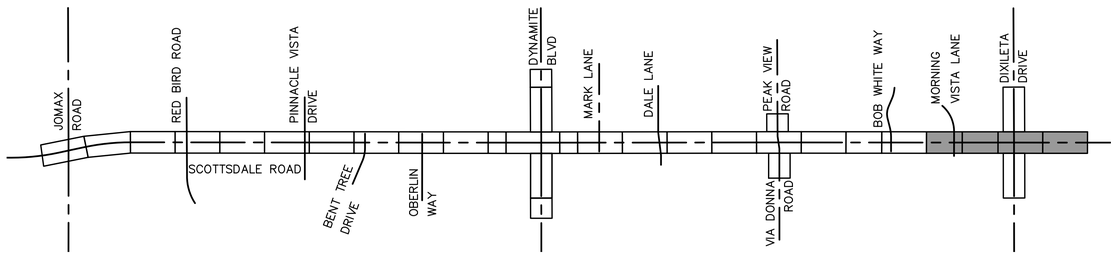
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www.ardurra.com







CONSTRUCTION NOTES DESCRIPTION

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- INDICATES CURB INLET GUARD
- INDICATES ROCK MULCH (GRADATION C)
- CONSTRUCTION ENTRANCE (ROCK MULCH)
- SILT FENCE
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0 20 40 80
HORIZONTAL 1"= 40'

Contact Arizona 811 at least two full working days before you begin excavation
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Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed 12/31/23 ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
EROSION CONTROL PLANS
STA 127+00.00 TO END

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

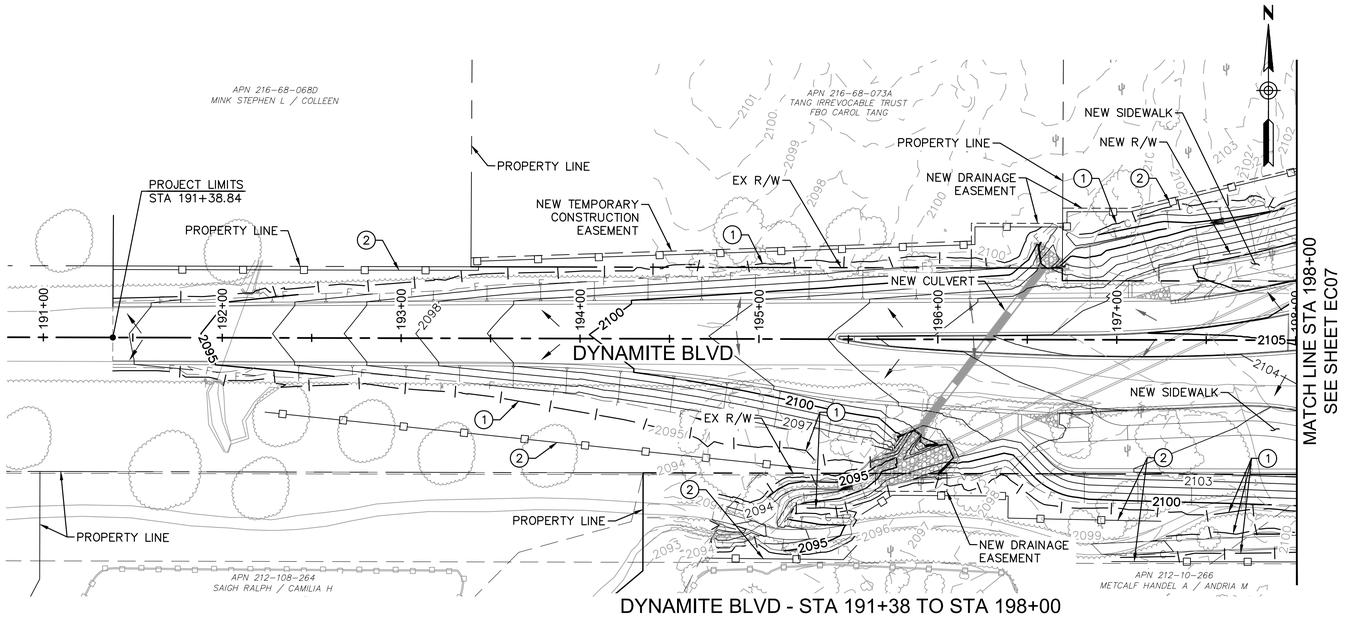
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VERT. N/A	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	278 OF 299

PLOT DATE: Sep 26, 2023

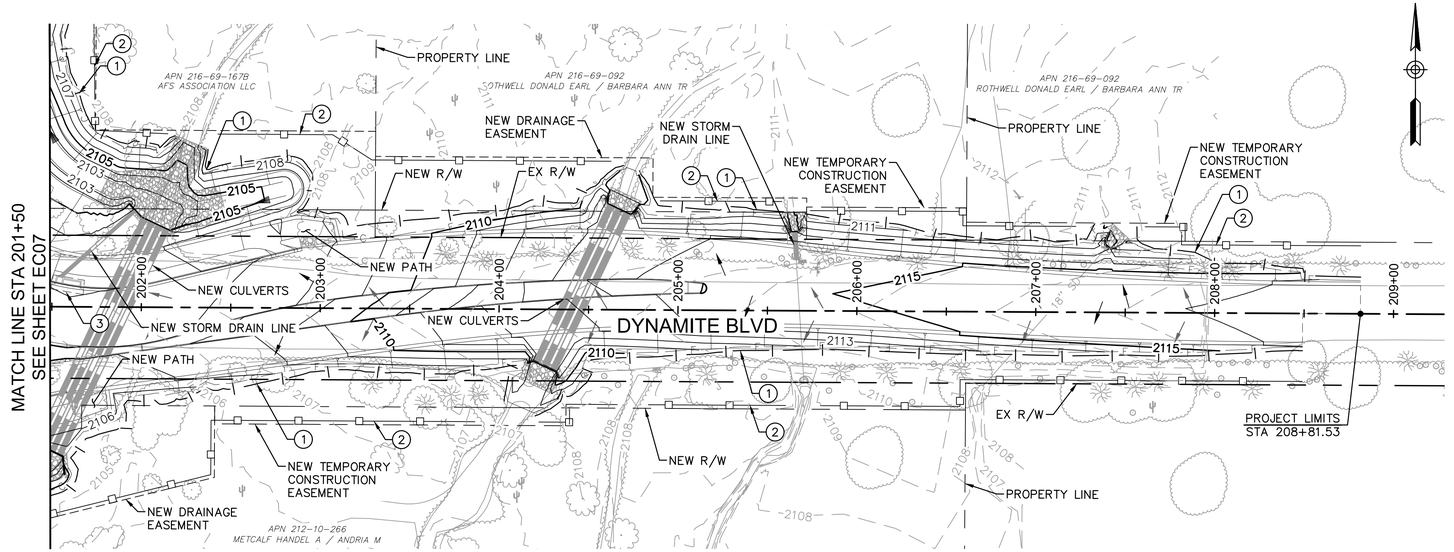
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PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

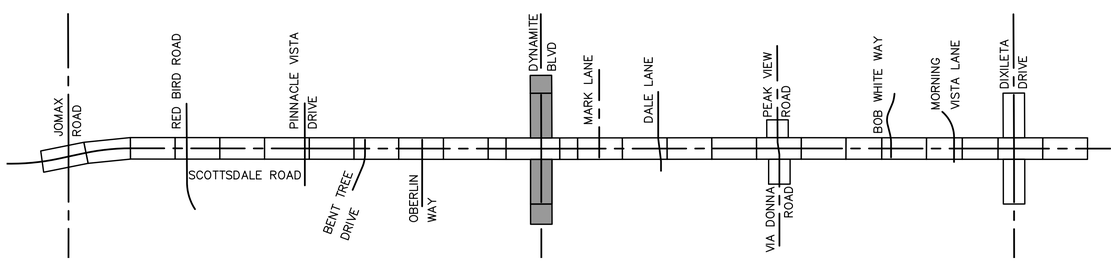
2-DR-2024
2/27/24



DYNAMITE BLVD - STA 191+38 TO STA 198+00



DYNAMITE BLVD - STA 201+50 TO 208+81



KEY MAP

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CONSTRUCTION NOTES DESCRIPTION

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2. SILT FENCE, PER DETAIL SHEET EC03.
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- PROPOSED FLOW ARROWS

BMP - NOTES

1. PERMANENT BMP: REPLACE ALL SEDIMENT WATTLES WITH NEW STRAW WATTLES AT THE COMPLETION OF CONSTRUCTION AND BEFORE COMMENCEMENT OF OVERSEEDING.
2. OVERSEEDING SHALL AT A MINIMUM EXTEND TO LIMITS OF SILT FENCE AS SHOWN ON THESE PLANS AND TO ANY DISTURBED AREA. SILT FENCE TO BE REMOVED PRIOR TO PROJECT COMPLETION.
3. RIPRAP TO BE INSTALLED AT ALL DRAINAGE INLET AND OUTLETS AS SHOWN ON PLANS (INCLUDING SWALE AND WASH CONVERGENCIES) IMMEDIATELY AFTER THEY ARE CONSTRUCTED AND PRIOR TO ANY RAIN EVENT.

0 20 40 80
HORIZONTAL 1"= 40'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO. 27556
RAJU C. SHAH
Date Signed 10/31/23
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
EROSION CONTROL PLANS DYNAMITE BLVD

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

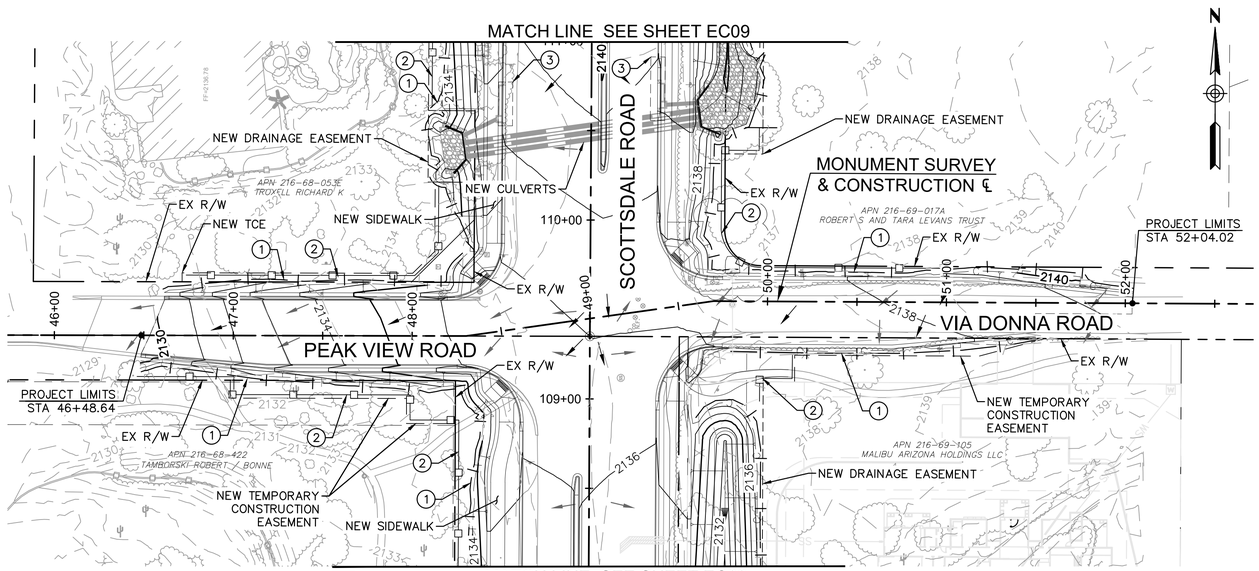
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HORIZ.1"=40'	KA	09/2023		EC11
VERT. N/A	DRAWN	AS-BUILT	COS PROJECT NO.	
	AH		SG05	279 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

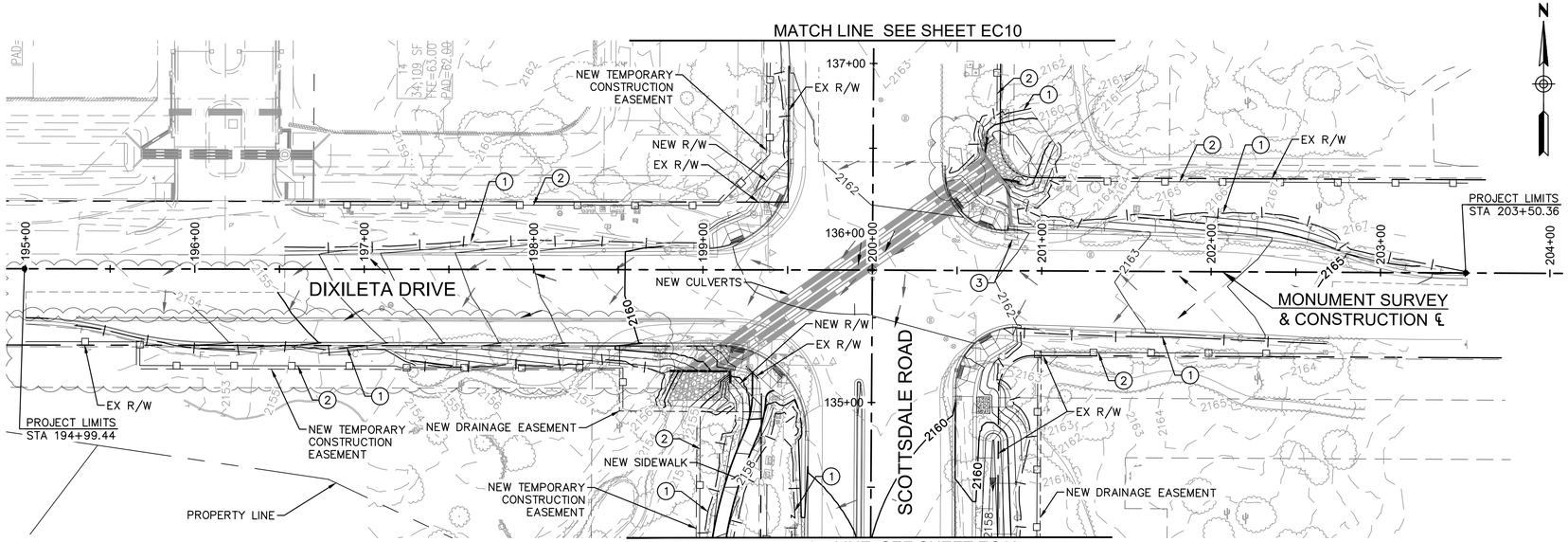
2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

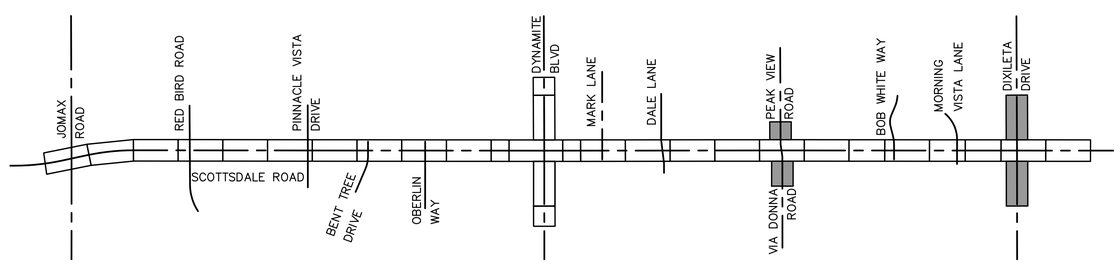
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PEAK VIEW ROAD AND VIA DONNA ROAD



DIXILETA DRIVE



KEY MAP

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www.ardurra.com

CONSTRUCTION NOTES DESCRIPTION

1. SEDIMENT WATTLE, PER DETAIL SHEET EC03.
2. SILT FENCE, PER DETAIL SHEET EC03.
3. CURB INLET GUARD, PER DETAIL SHEET EC04.
4. CONSTRUCTION ENTRANCE, PER DETAIL SHEET EC03. (LOCATION TO BE DETERMINED BY THE CONTRACTOR)

LEGEND

- INDICATES PROPOSED STREET IMPROVEMENT
- INDICATES PROPOSED R/W
- INDICATE PROPOSED TEMPORARY CONSTRUCTION EASEMENT, (TCE)
- INDICATED WATTLE (9")
- SEDIMENT LOG (20")
- INDICATED DRAINAGE FEATURE
- INDICATES CURB INLET GUARD
- INDICATES ROCK MULCH (GRADATION C)
- CONSTRUCTION ENTRANCE (ROCK MULCH)
- SILT FENCE
- EXISTING FLOW ARROWS
- PROPOSED FLOW ARROWS

BMP - NOTES

1. PERMANENT BMP: REPLACE ALL SEDIMENT WATTLES WITH NEW STRAW WATTLES AT THE COMPLETION OF CONSTRUCTION AND BEFORE COMMENCEMENT OF OVERSEEDING.
2. OVERSEEDING SHALL AT A MINIMUM EXTEND TO LIMITS OF SILT FENCE AS SHOWN ON THESE PLANS AND TO ANY DISTURBED AREA. SILT FENCE TO BE REMOVED PRIOR TO PROJECT COMPLETION.
3. RIPRAP TO BE INSTALLED AT ALL DRAINAGE INLET AND OUTLETS AS SHOWN ON PLANS (INCLUDING SWALE AND WASH CONVERGENCIES) IMMEDIATELY AFTER THEY ARE CONSTRUCTED AND PRIOR TO ANY RAIN EVENT.

0 20 40 80
HORIZONTAL 1"= 40'

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DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO. 27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
EROSION CONTROL PLANS DIXILETA DRIVE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

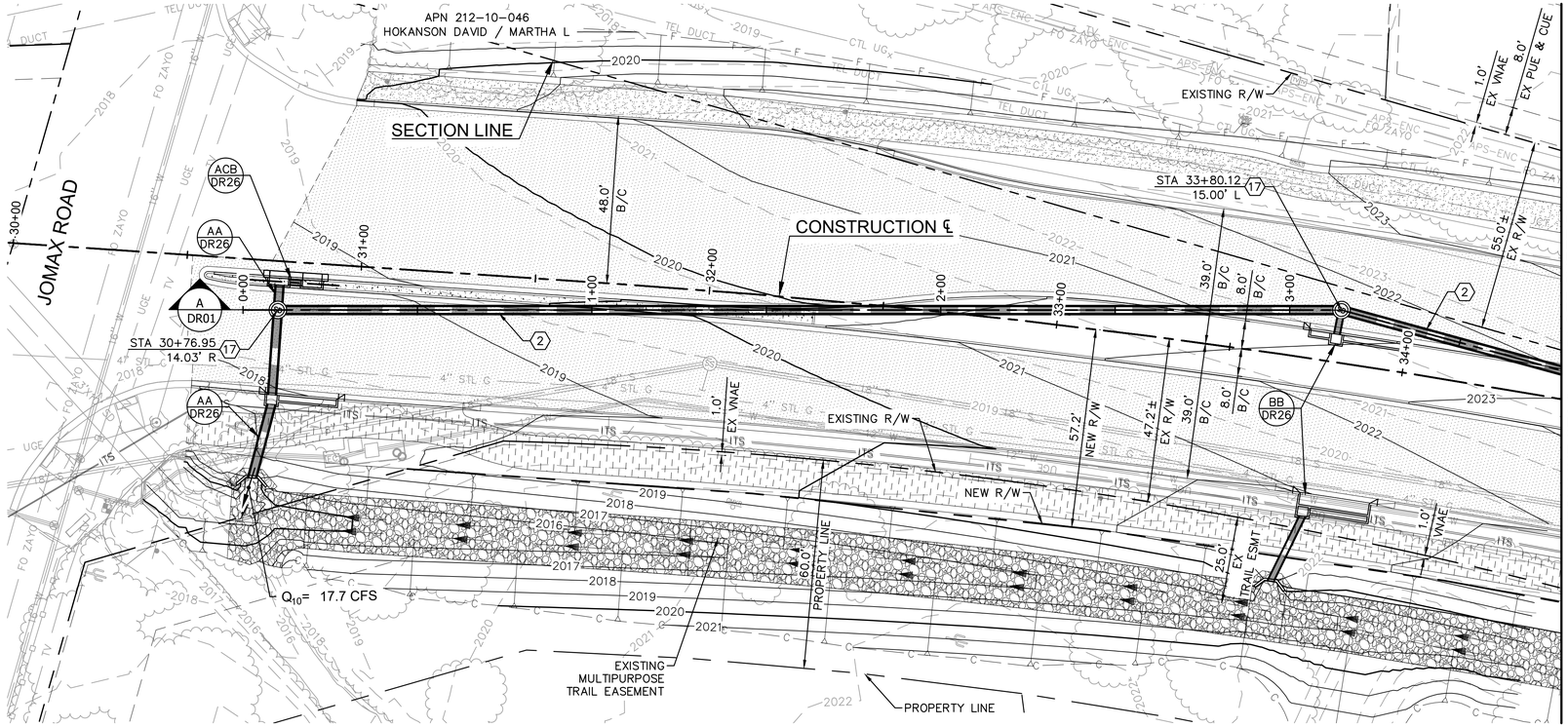
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PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

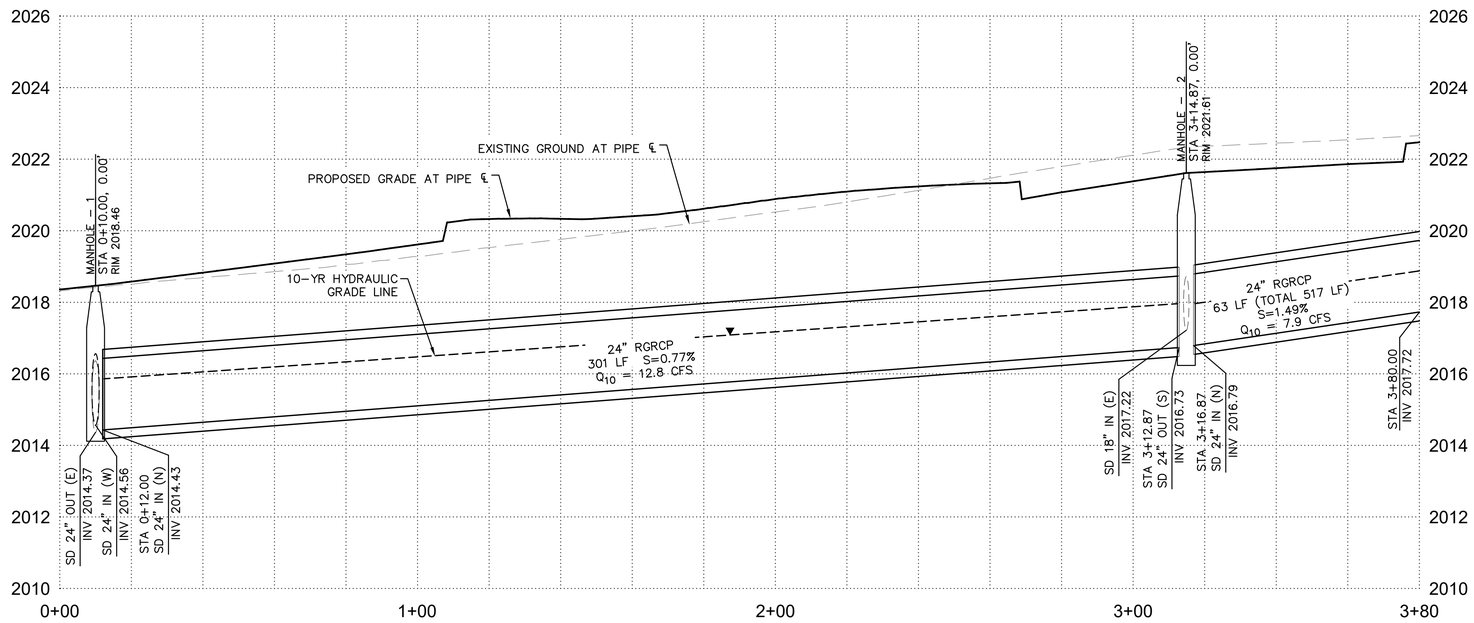
2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

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SCOTTSDALE ROAD STA 30+00 TO STA 34+44
STORM DRAIN PIPE 'A-A'



HORIZONTAL 1"= 20'
VERTICAL 1"= 2'

THIS SHEET SCALED FOR 24"X36" BORDER

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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
2	24" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	364	LF
17	48" DIAMETER MANHOLE PER MAG STD DET 520 & 522 WITH LID PER COS STD DET 2520 (30" LID)	2	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV01–PV02 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS01 FOR SWALE PROFILE INFORMATION.

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DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

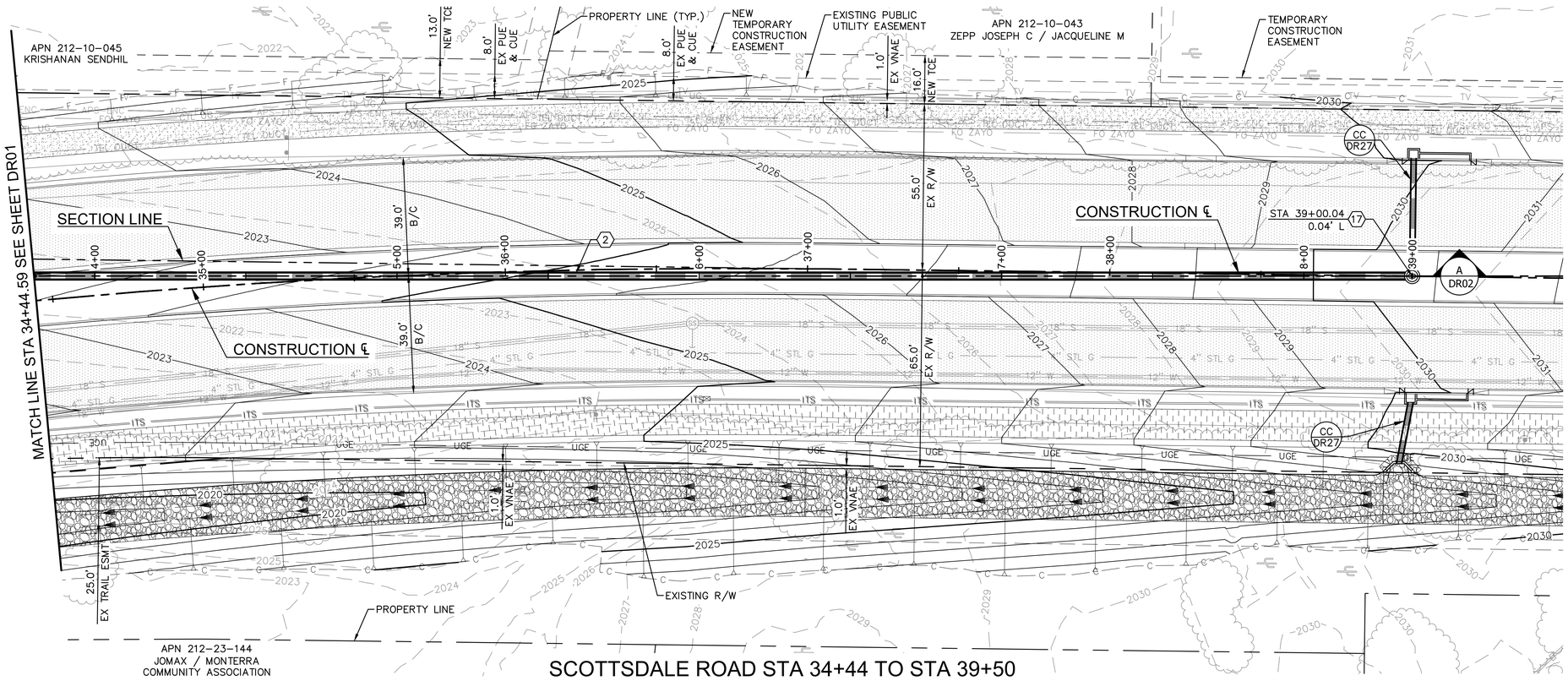
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HORIZ. 1"=20'	KA	09/2023		DR01
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	90 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

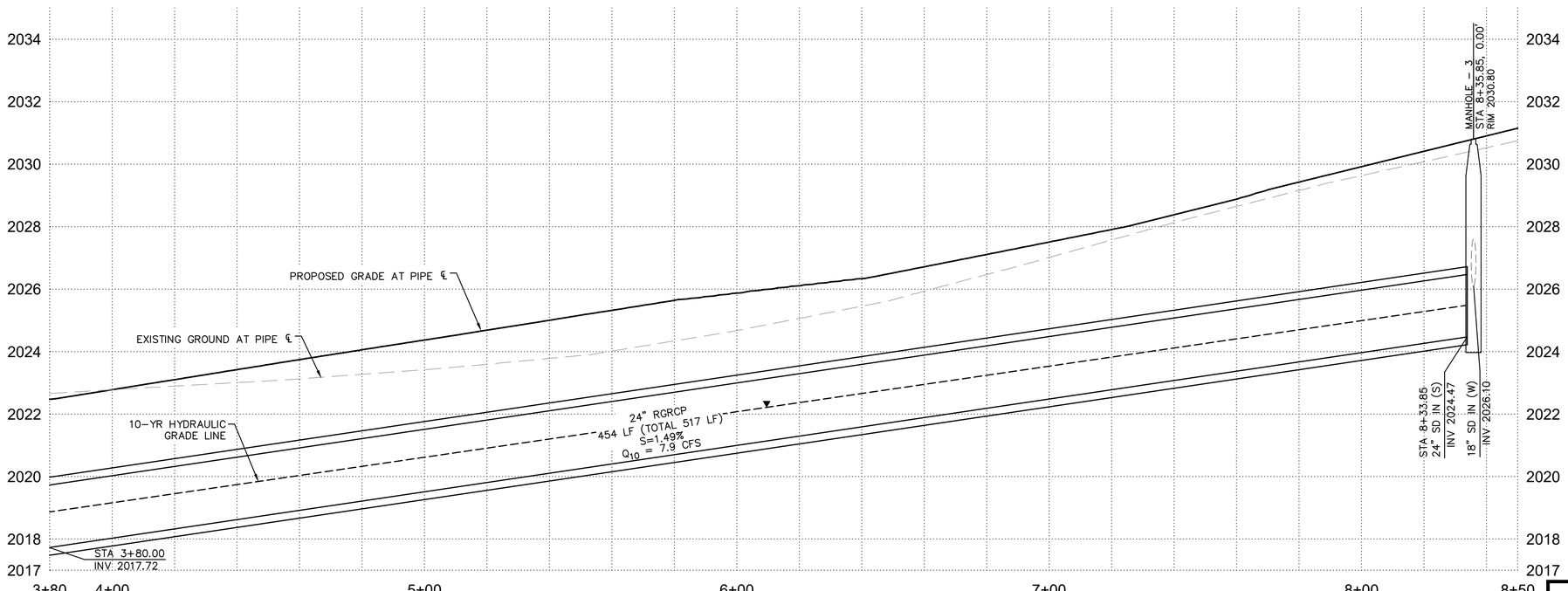
2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\Projects\2020\220087 – Scottsdale Rd – Jomax – Dixileta\CAD Files\Sheets\90-220087-DR01.dwg



SCOTTSDALE ROAD STA 34+44 TO STA 39+50
STORM DRAIN PIPE 'A-A'



THIS SHEET SCALED FOR 24"X36" BORDER

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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
2	24" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	454	LF
17	48" DIAMETER MANHOLE PER MAG STD DET 520 & 522 WITH LID PER COS STD DET 2520 (30" LID)	1	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV02-PV03 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS01 FOR SWALE PROFILE INFORMATION.

0 10 20 40
HORIZONTAL 1"= 20'
VERTICAL 1"= 2'

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DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

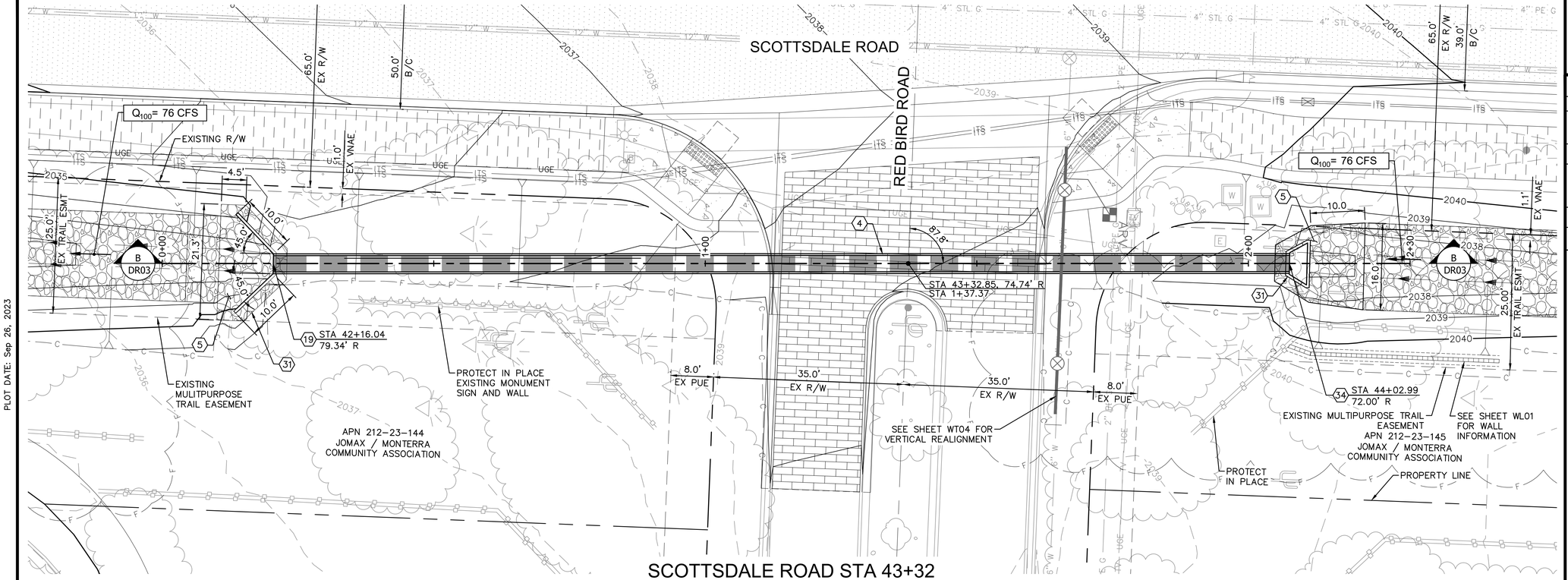
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VERT. 1"=2'	DRAWN	AS-BUILT	COS PROJECT NO.	
	AH		SG05	91 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

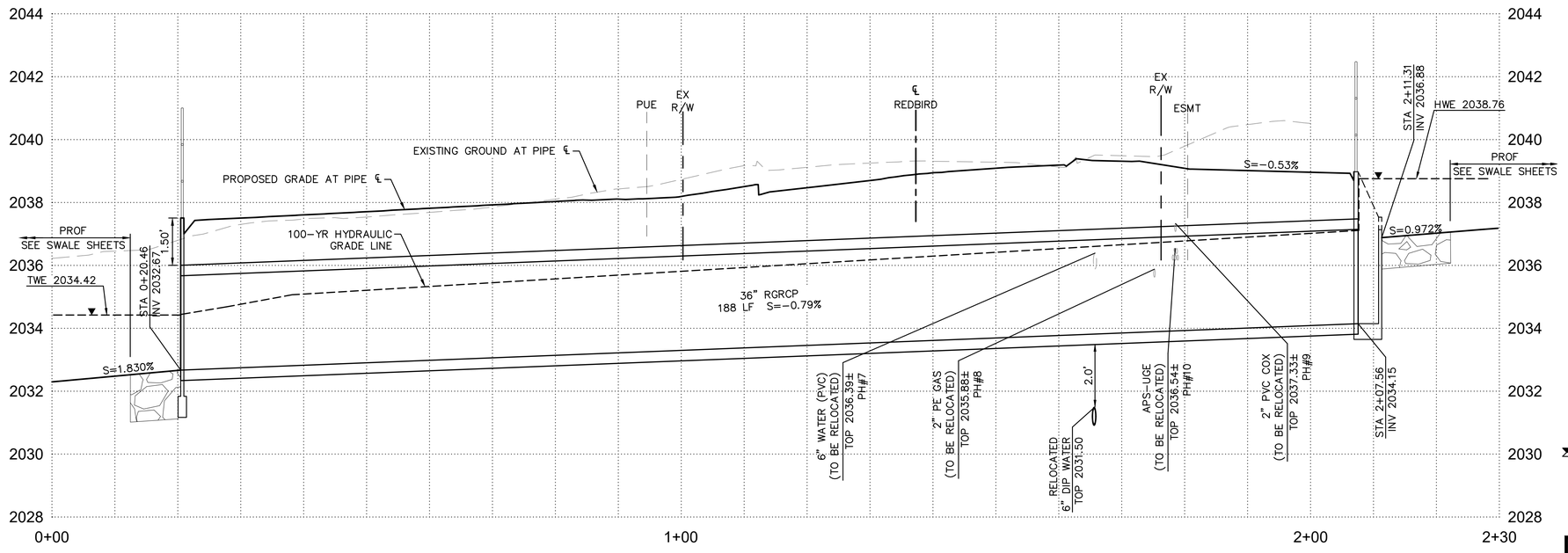
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2/27/24

PLOT DATE: Sep 26, 2023

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SCOTTSDALE ROAD STA 43+32
PIPE CULVERT 'B-B'



HORIZONTAL 1"= 20'
VERTICAL 1"= 2'

THIS SHEET SCALED FOR 24"X36" BORDER

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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
4	36" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	188	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	16	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
31	HANDRAIL PER COS STD DET 2508	30	LF
34	HEADWALL DROP INLET PER MAG STD DET 501	1	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEET PV04 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS01 FOR SWALE PROFILE INFORMATION.
4. SEE SHEET WT04 FOR WATERLINE VERTICAL REALIGNMENTS.
5. SEE SHEET WL01 FOR WALL INFORMATION.

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ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAAJ P. SHAH Date Signed 12/31/23 ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

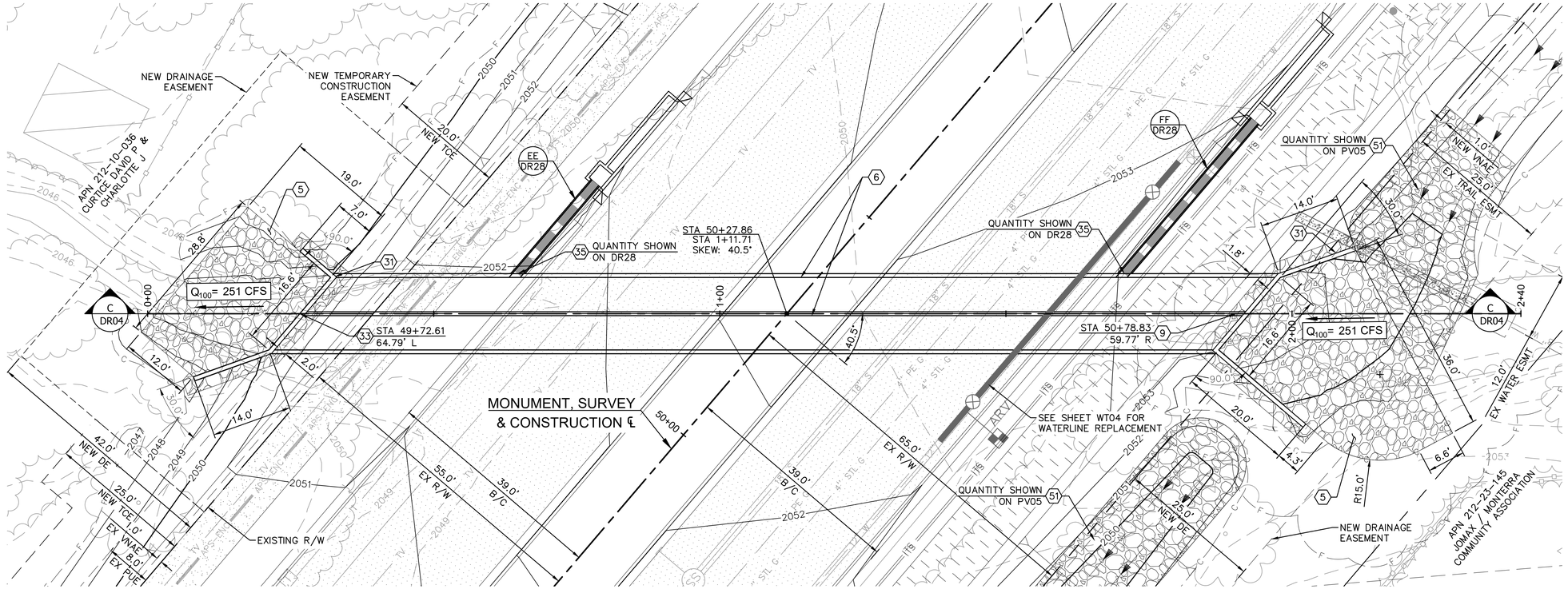
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VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	92 OF 299

PLOT DATE: Sep 26, 2023

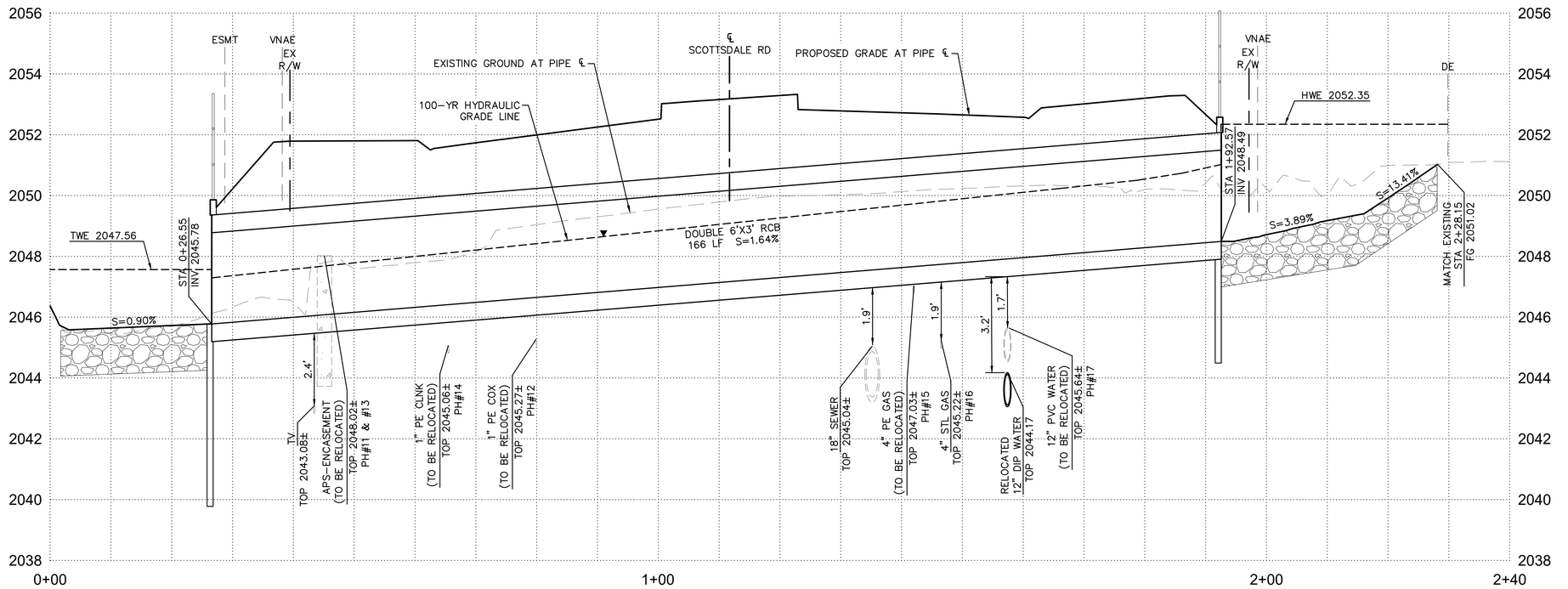
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PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 50+31
BOX CULVERT 'C-C'



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DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	74	CY
6	6'x3' REINFORCED CONCRETE BOX CULVERTS DOUBLE BARREL PER ADOT SD 6.02	166	LF
9	HEADWALL PER ADOT SD 6.01, INLET WINGS PER ADOT SD 6.08-7, MODIFIED LENGTH & ANGLE PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
31	HANDRAIL PER COS STD DET 2508	76	LF
33	HEADWALL PER ADOT SD 6.01, OUTLET WINGS PER ADOT SD 6.08-5, MODIFIED LENGTH & ANGLE PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
35	PIPE/WALL PENETRATION PER DET 22 ON SHEET DT03 (NPI)	---	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEET PV05 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS02 FOR SWALE PROFILE INFORMATION.
4. SEE SHEET WT04 FOR WATERLINE REPLACEMENT.

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

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ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

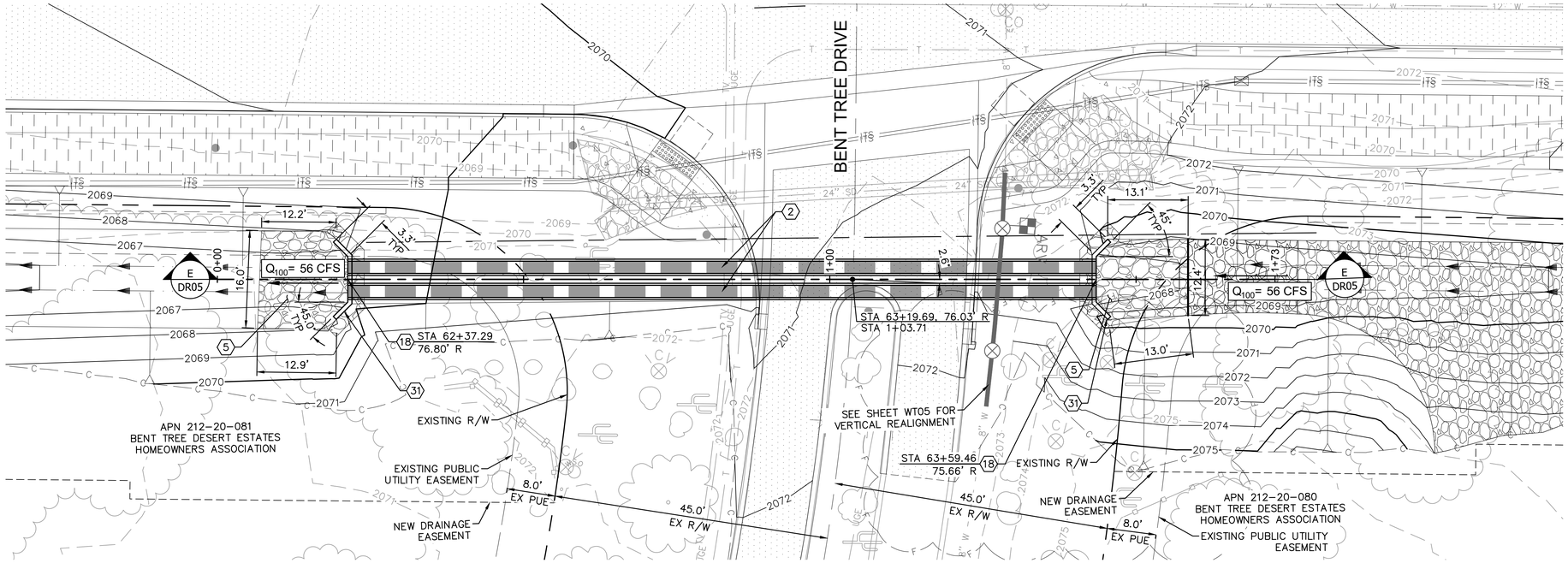
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HORIZ. 1"=10'	KA			DR04
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	93 OF 299

PLOT DATE: Sep 26, 2023

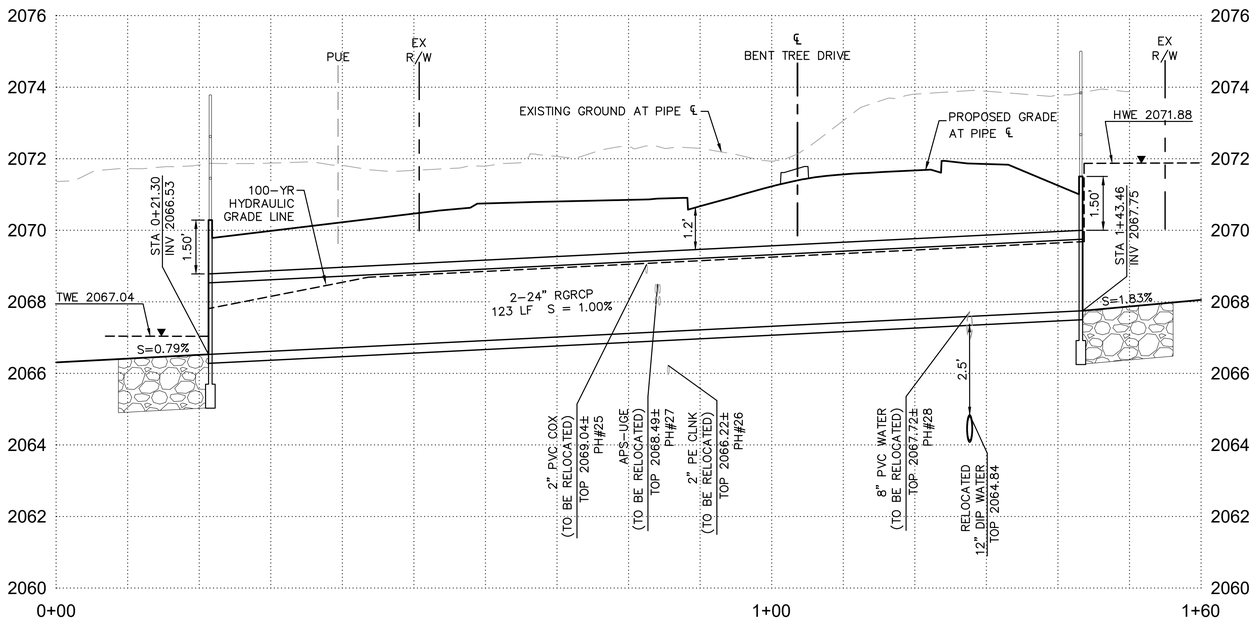
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PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 63+19
PIPE CULVERT 'E-E'



0 5 10 20

HORIZONTAL 1"=10'
VERTICAL 1"=2'

THIS SHEET SCALED FOR 24"X36" BORDER

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DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
2	24" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	246	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	23	CY
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	30	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEET PV08 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS02 FOR SWALE PROFILE INFORMATION.
4. SEE SHEET WT05 FOR WATERLINE VERTICAL REALIGNMENTS.

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DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

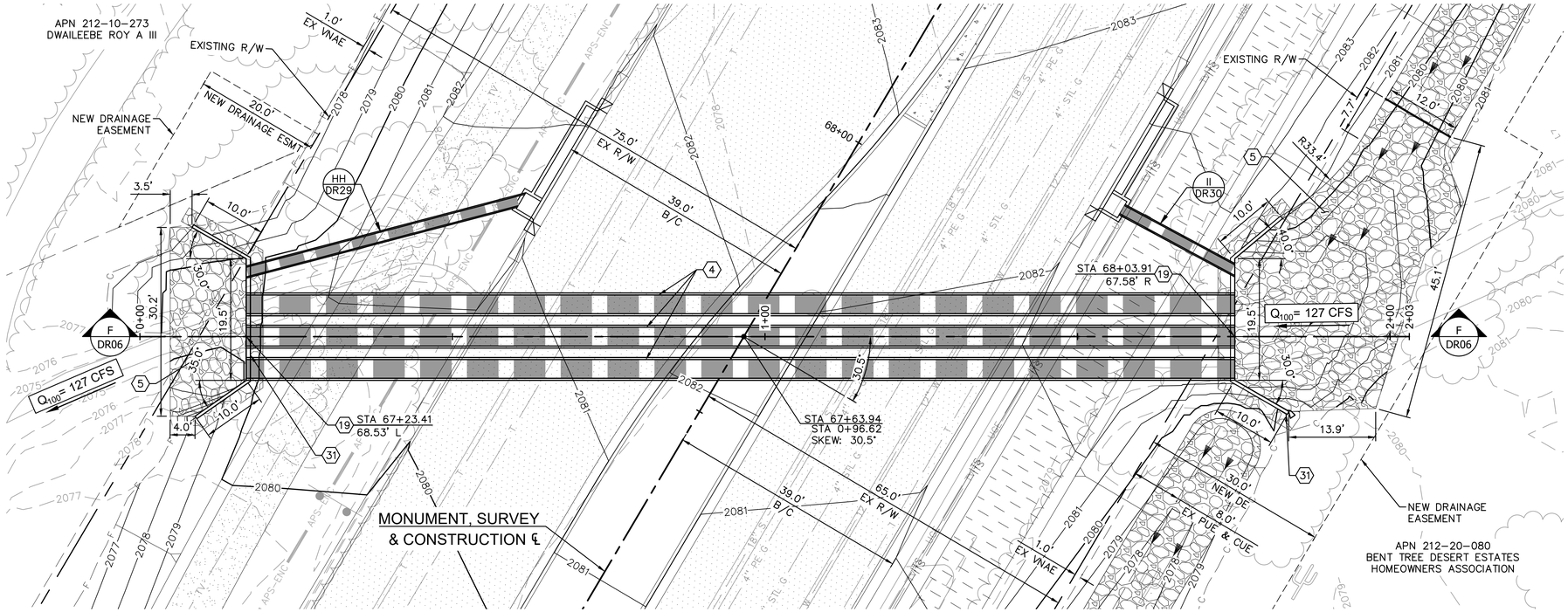
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HORIZ. 1"=10'	KA			DR05
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	94 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

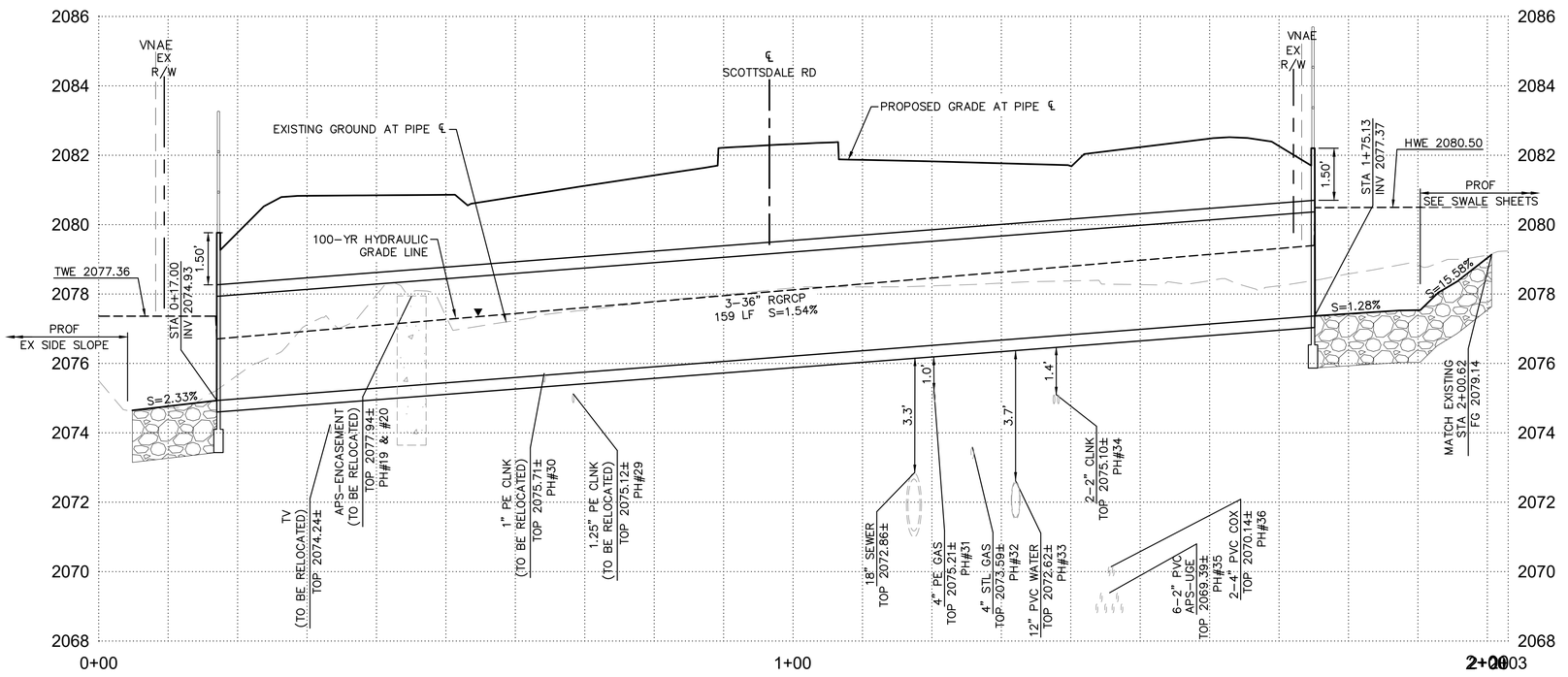
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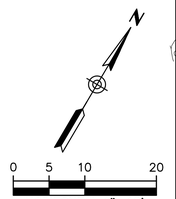
PLOT DATE: Sep 26, 2023

FILE: P:\Projects\2020\220087 - Scottsdale Rd - Jomax - Dixileta\CAD Files\Sheets\94-220087-DR05.dwg



SCOTTSDALE ROAD STA 67+63
PIPE CULVERT 'F-F'





THIS SHEET SCALED FOR 24"X36" BORDER

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DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
4	36" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	477	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	80	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	30	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEET PV09 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS03 FOR SWALE PROFILE INFORMATION.

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DATE	REVISION	BY

ENGINEER
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EXPIRES 12/31/2023

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CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

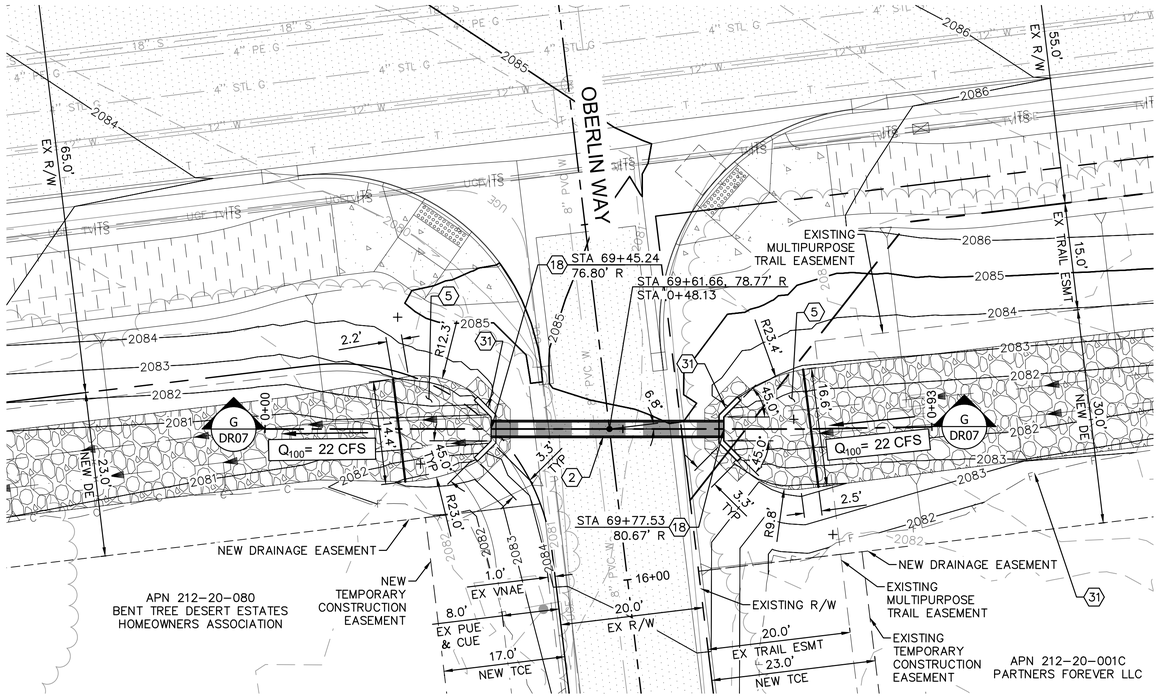
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HORIZ. 1"=10'	KA			DR06
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	95 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

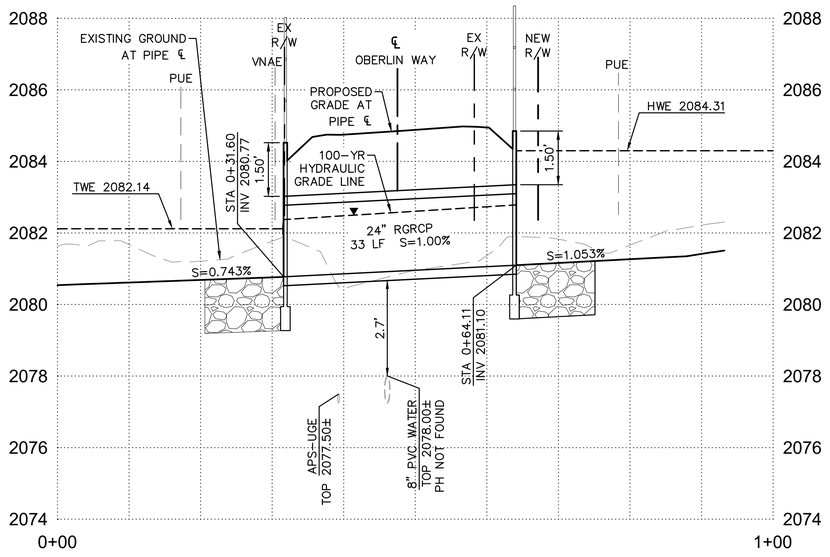
PLOT DATE: Sep 26, 2023

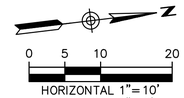
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2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 69+61
PIPE CULVERT 'G-G'





THIS SHEET SCALED FOR 24"X36" BORDER

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602.263.1177
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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
2	24" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	33	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	17	CY
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	22	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEET PV09 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS03 FOR SWALE PROFILE INFORMATION.

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA 811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

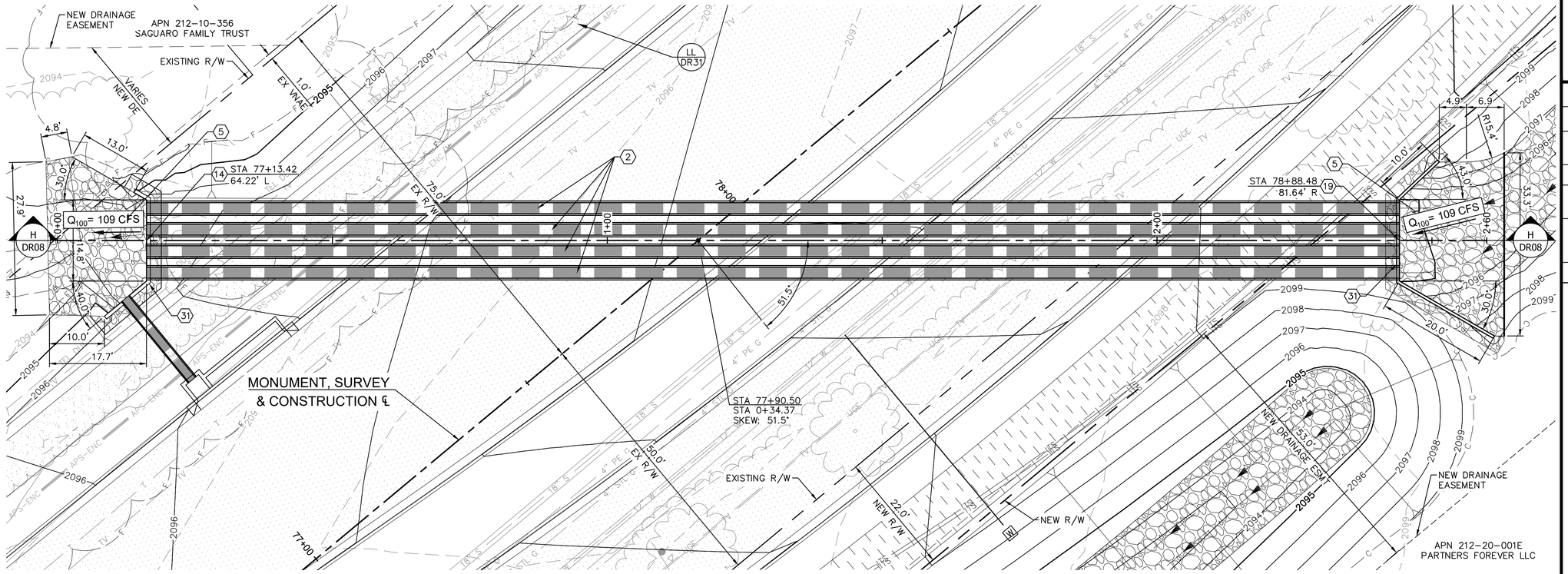
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HORIZ. 1"=10'	KA			DR07
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	96 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

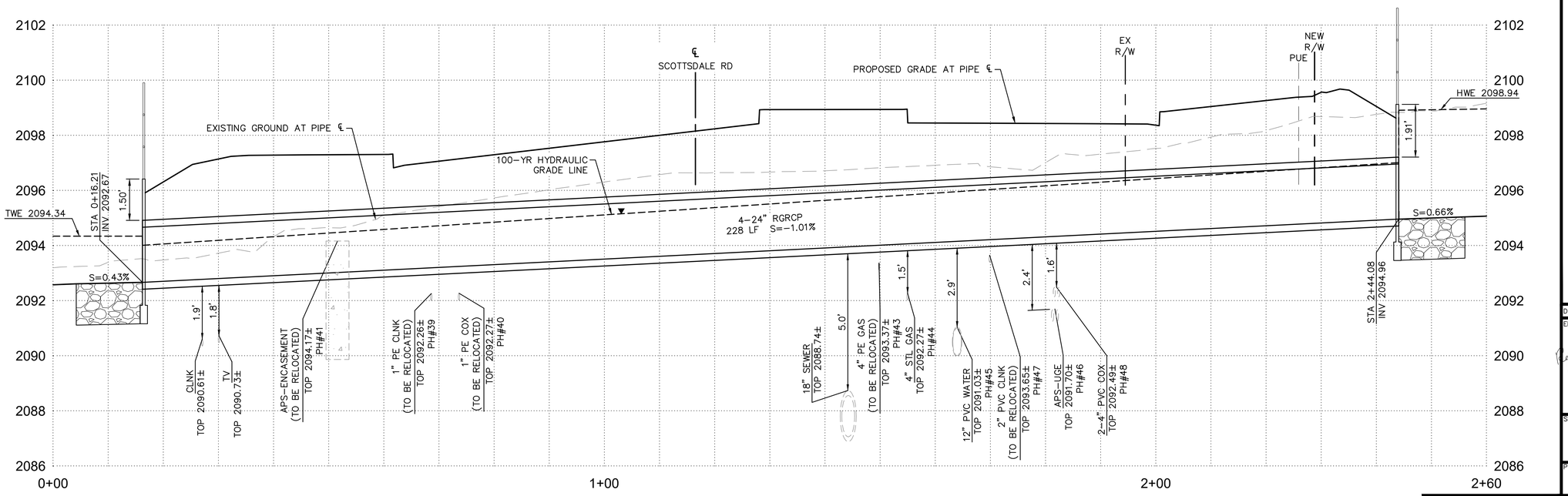
2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\Projects\2020\220087 - Scottsdale Rd - Jomax - Dixileta\CAD Files\Sheets\96-220087-DR07.dwg



SCOTTSDALE ROAD STA 77+90
PIPE CULVERT 'H-H'



DRAINAGE NOTES			
NO.	DESCRIPTION	QTY	UNIT
2	24" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	912	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	52	CY
14	HEADWALL PER MAG STD DET 501-2, 'L' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
31	HANDRAIL PER COS STD DET 2508	58	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEET PV11 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS03 FOR SWALE PROFILE INFORMATION.

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO.
27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=10'	KA	09/2023		DR08
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	97 OF 299

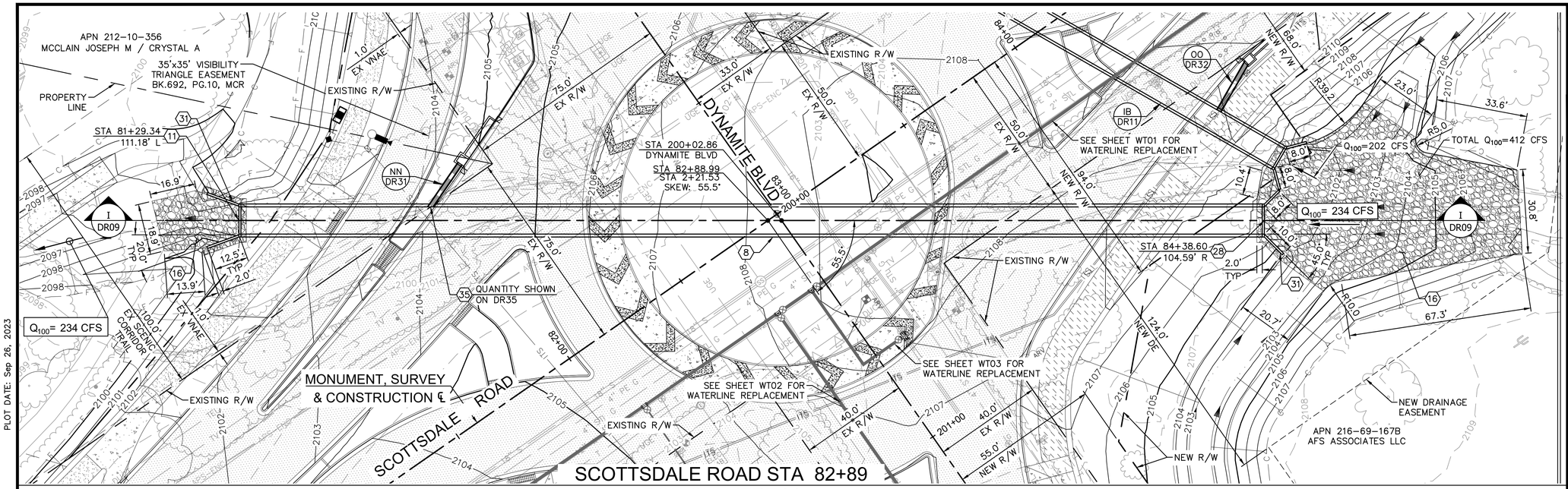
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PLOT DATE: Sep 26, 2023

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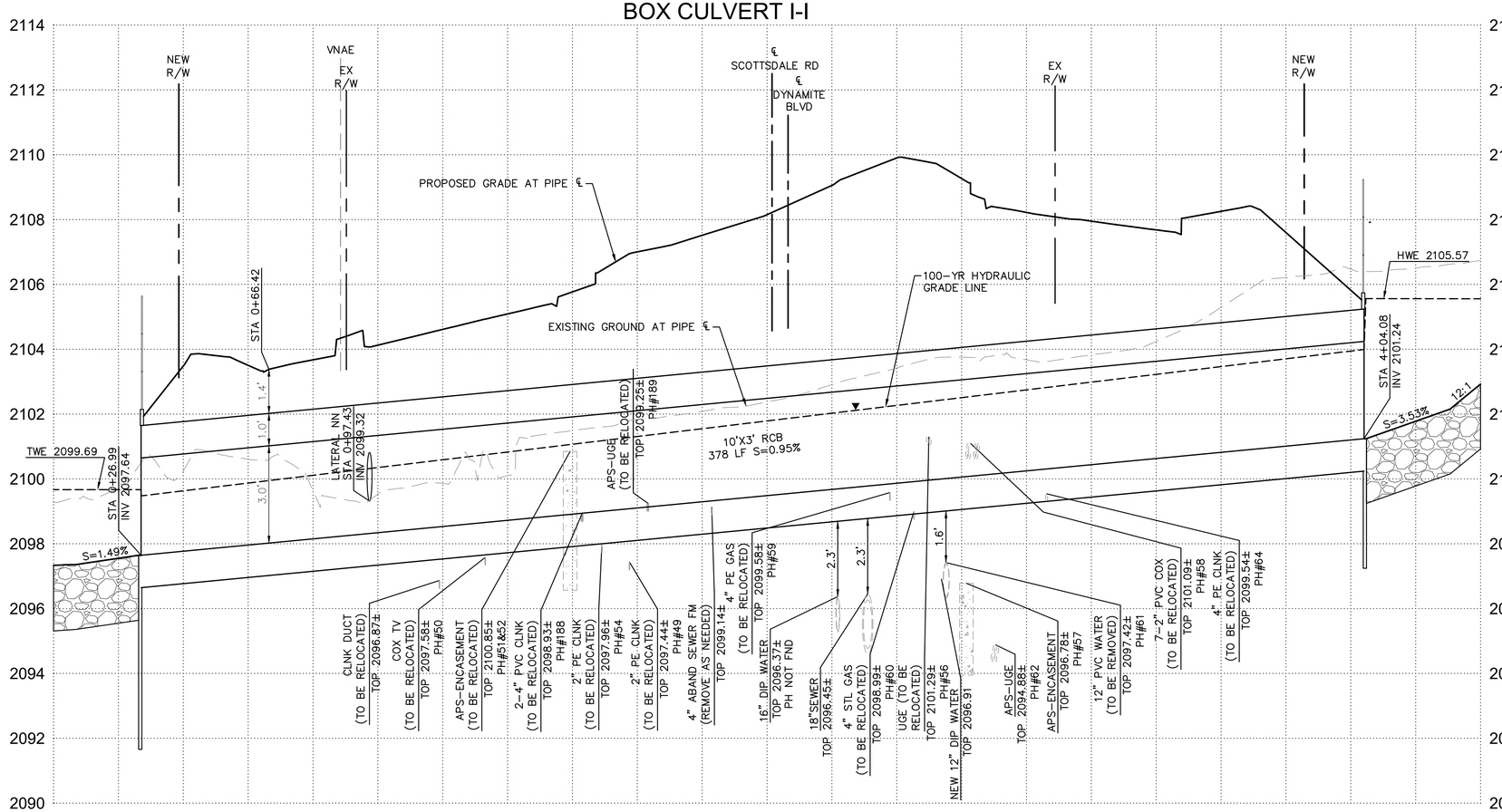
PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 82+89

BOX CULVERT I-I



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DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
8	10'x3' REINFORCED CONCRETE BOX CULVERTS SINGLE BARREL PER ADOT SD 6.01	378	LF
11	HEADWALL PER ADOT SD 6.01, OUTLET WINGS PER ADOT SD 6.08-1, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
16	DUMPED RIPRAP, D50=12", THICKNESS=24"	355	CY
28	HEADWALL PER ADOT SD 6.01, LEVEL WINGS (TYPE A) PER ADOT SD 6.10-1, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
31	HANDRAIL PER COS STD DET 2508	66	LF
35	PIPE/WALL PENETRATION PER DET 22 ON SHEET DT03 (NPI)	---	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV11-PV12 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS03 FOR SWALE PROFILE INFORMATION.
4. SEE SHEETS WT01-WT03 FOR WATERLINE REPLACEMENTS.

0 10 20 40
HORIZONTAL 1"= 20'
VERTICAL 1"= 2'

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ARIZONA811
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DATE	REVISION	BY

ENGINEER: Registered Professional Engineer CERTIFICATE NO. 27556 RAJU C. SHAH DATE SIGNED ARIZONA, U.S.A. EXPIRES 12/31/2023

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

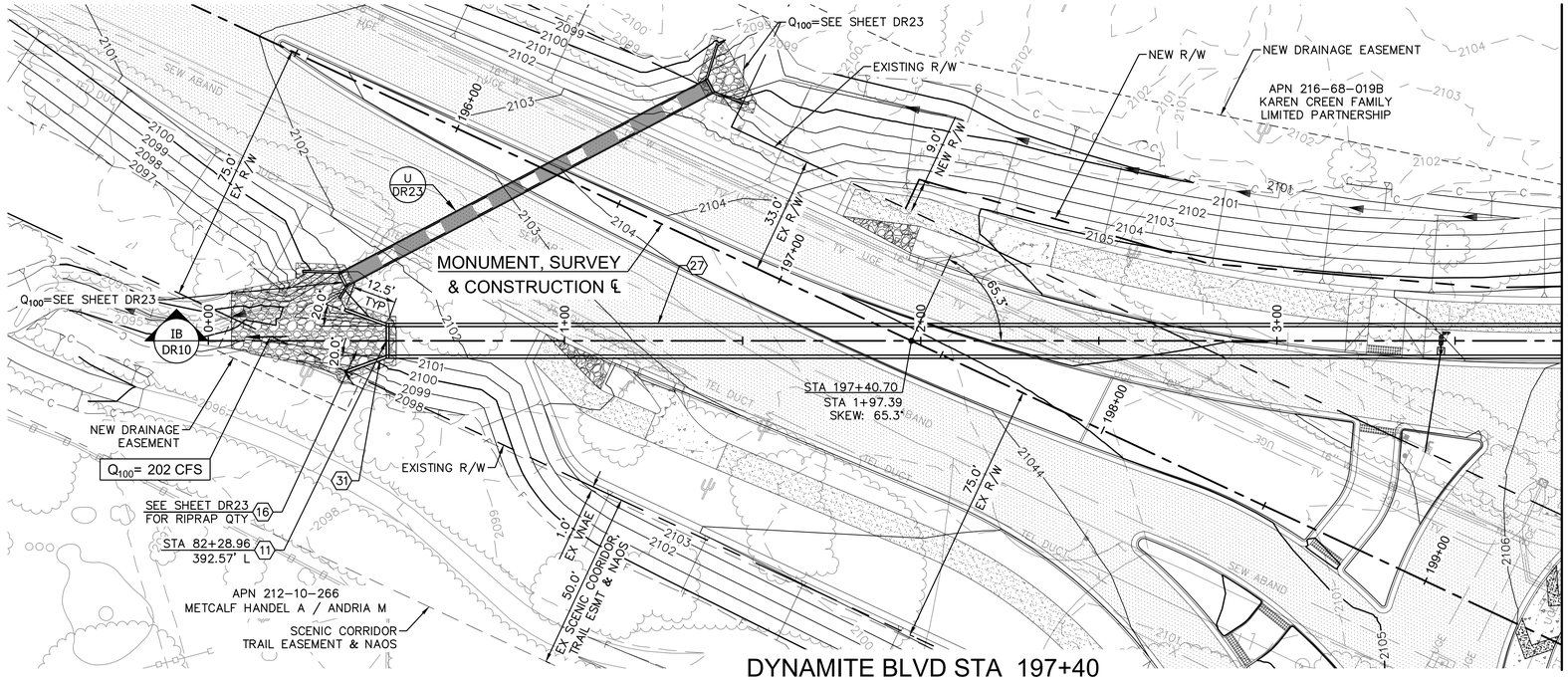
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HORIZ.1"=20'	KA			DR09
VERT. 1"=4'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	98 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

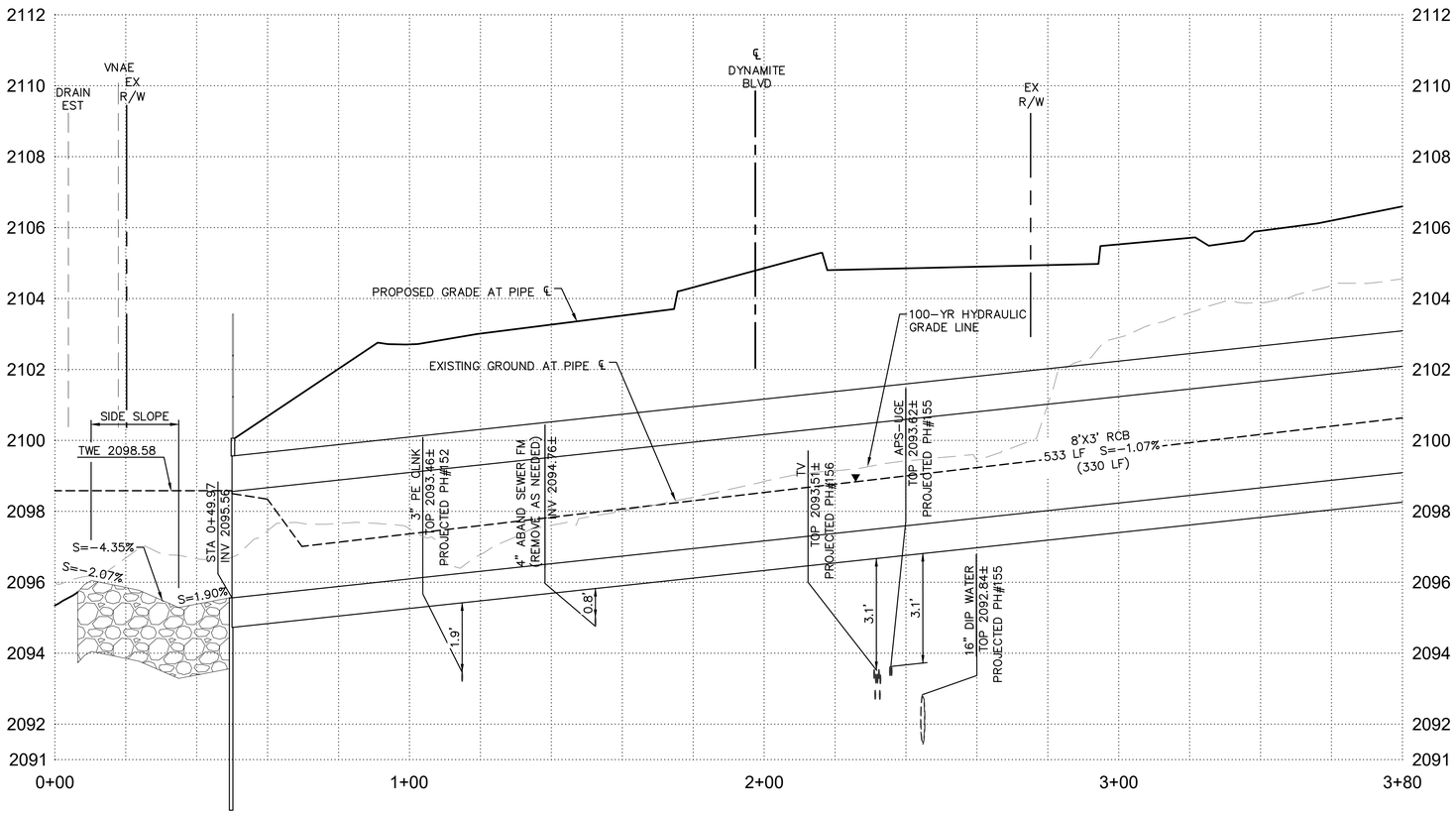
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2-DR-2024
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DYNAMITE BLVD STA 197+40
BOX CULVERT IB-IB



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DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
11	HEADWALL PER ADOT SD 6.01, OUTLET WINGS PER ADOT SD 6.08-1, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
16	DUMPED RIPRAP, D50=12", THICKNESS=24"	--	CY
27	8'x3' REINFORCED CONCRETE BOX CULVERTS SINGLE BARREL PER ADOT SD 6.01	330	LF
31	HANDRAIL PER COS STD DET 2508	35	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV25 FOR ALL ROADWAY INFORMATION.

0 10 20 40
HORIZONTAL 1"= 20'
VERTICAL 1"= 4'

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ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

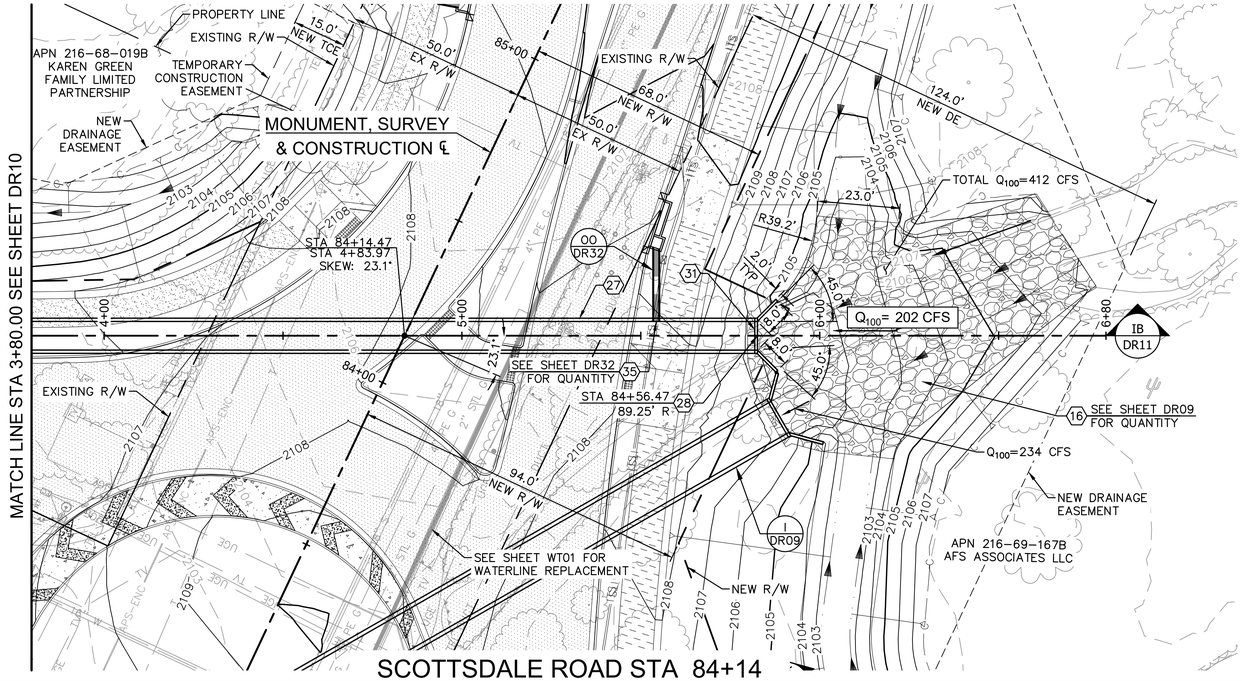
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HORIZ. 1"=20'	KA	09/2023		DR10
VERT. 1"=4'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	99 OF 299

PLOT DATE: Sep 26, 2023

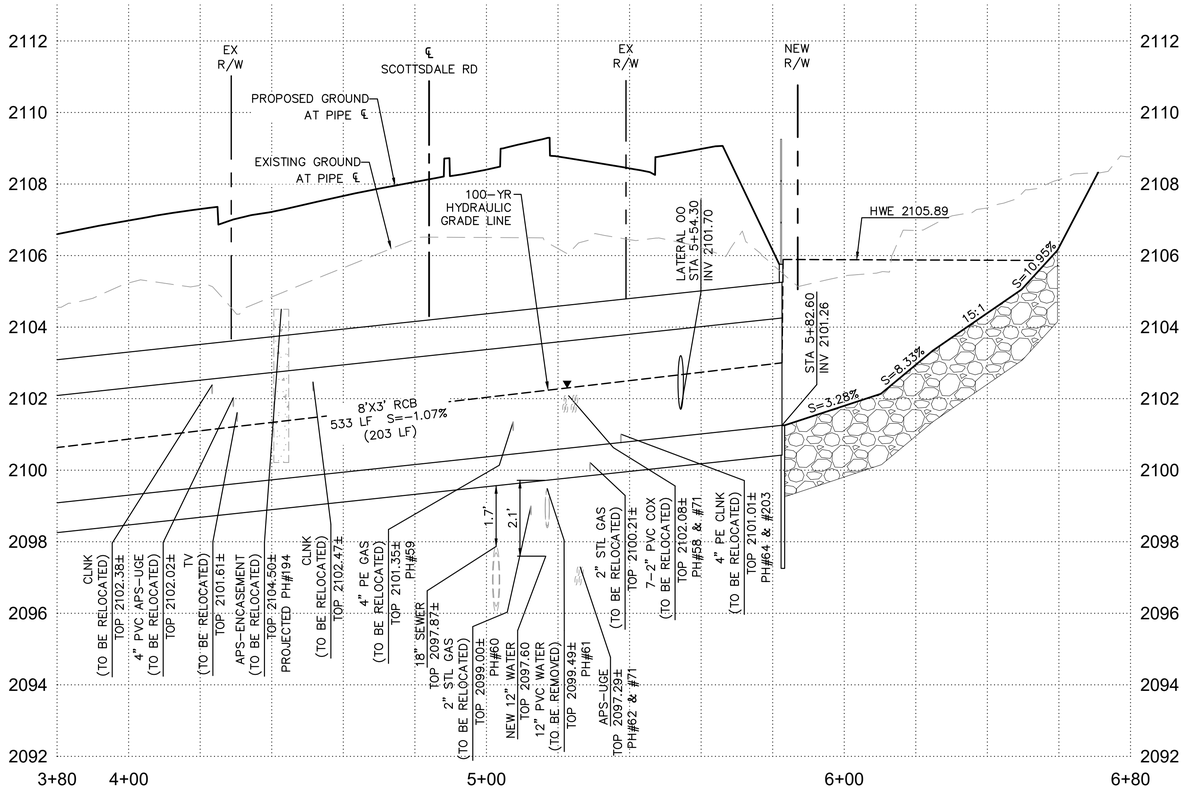
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PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 84+14
BOX CULVERT IB-IB



DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
16	DUMPED RIPRAP, D50=12", THICKNESS=24"	---	CY
27	8'x3' REINFORCED CONCRETE BOX CULVERTS SINGLE BARREL PER ADOT SD 6.01	203	LF
28	HEADWALL PER ADOT SD 6.01, LEVEL WINGS (TYPE A) PER ADOT SD 6.10-1, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
31	HANDRAIL PER COS STD DET 2508	25	LF
35	PIPE/WALL PENETRATION PER DET 22 ON SHEET DT03 (NPI)	---	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV12 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS03 FOR SWALE PROFILE INFORMATION.
4. SEE SHEETS WT01 FOR WATERLINE REPLACEMENTS.

0 10 20 40
HORIZONTAL 1"= 20'
VERTICAL 1"= 4'

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Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A. EXPIRES 12/31/2023

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

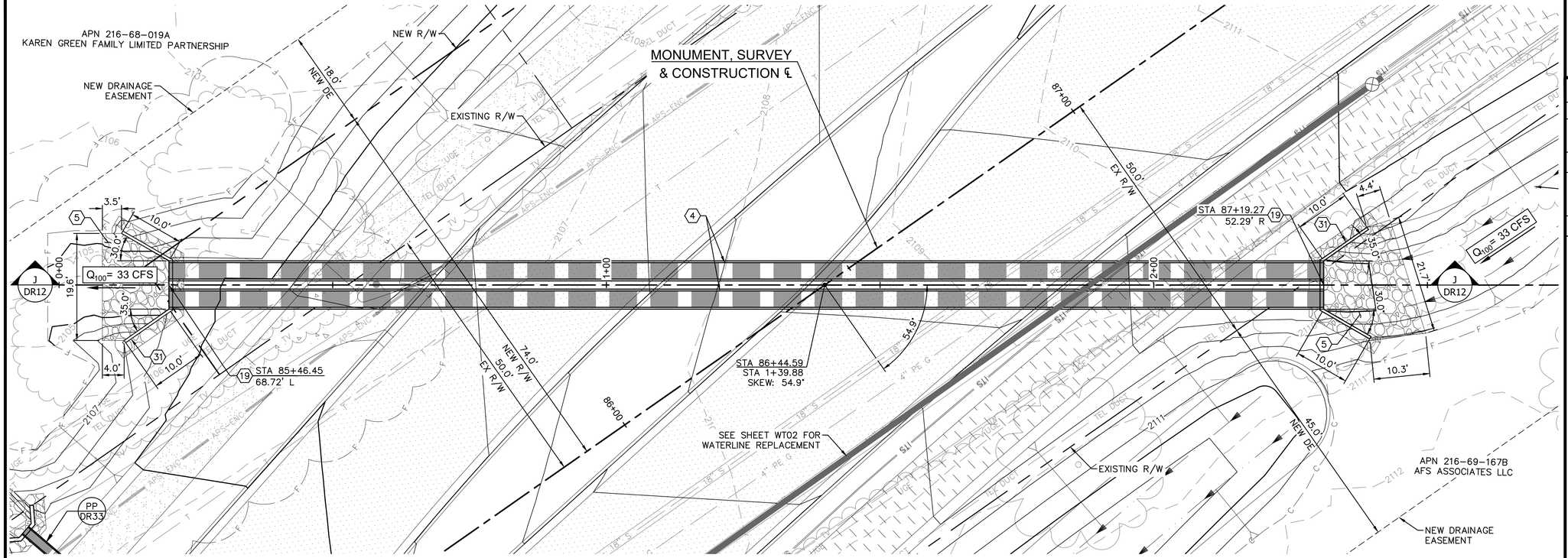
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VERT. 1"=4'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	100 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

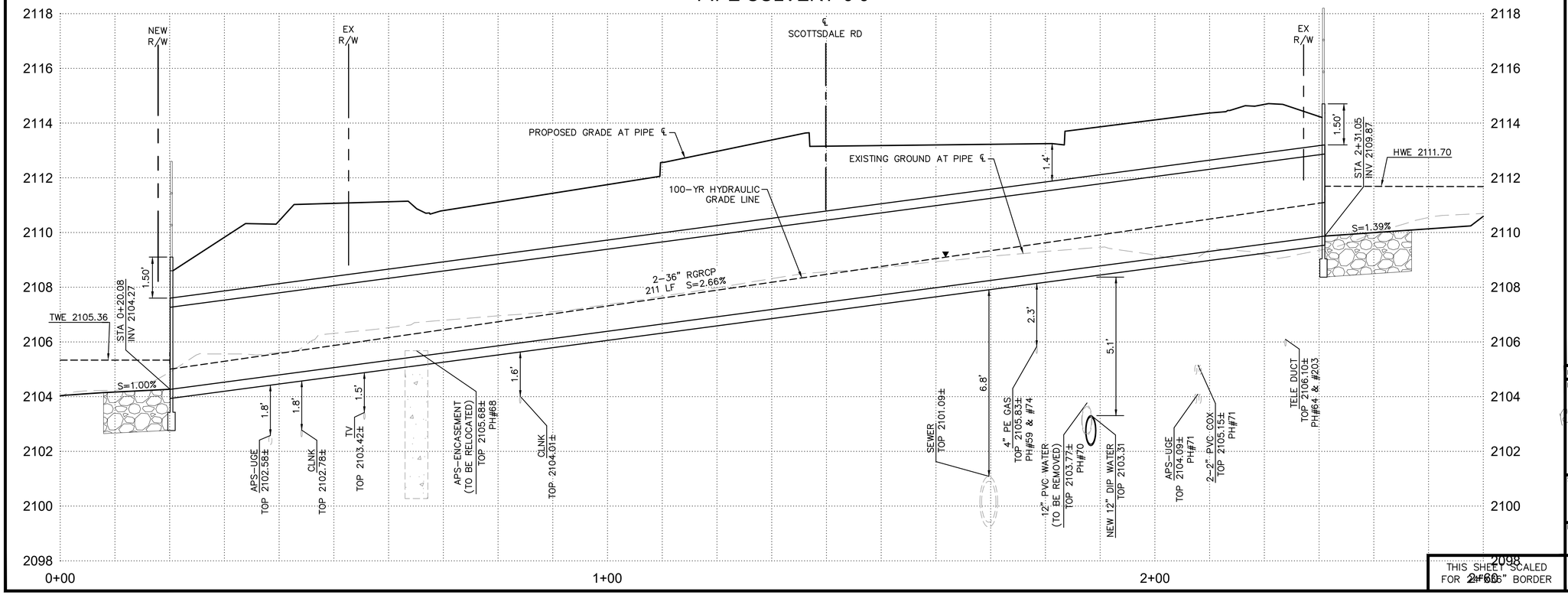
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PLOT DATE: Sep 26, 2023

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SCOTTSDALE ROAD STA 86+44
PIPE CULVERT 'J-J'



THIS SHEET SCALED FOR 24"x36" BORDER

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DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
4	36" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	422	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	26	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	60	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV11–PV12 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS03 FOR SWALE PROFILE INFORMATION.
4. SEE SHEET WT02 FOR WATERLINE REPLACEMENTS.

0 5 10 20
HORIZONTAL 1"= 10'
VERTICAL 1"= 2'

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ARIZONA811
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DATE	REVISION	BY

ENGINEER
Registered Professional Engineer CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

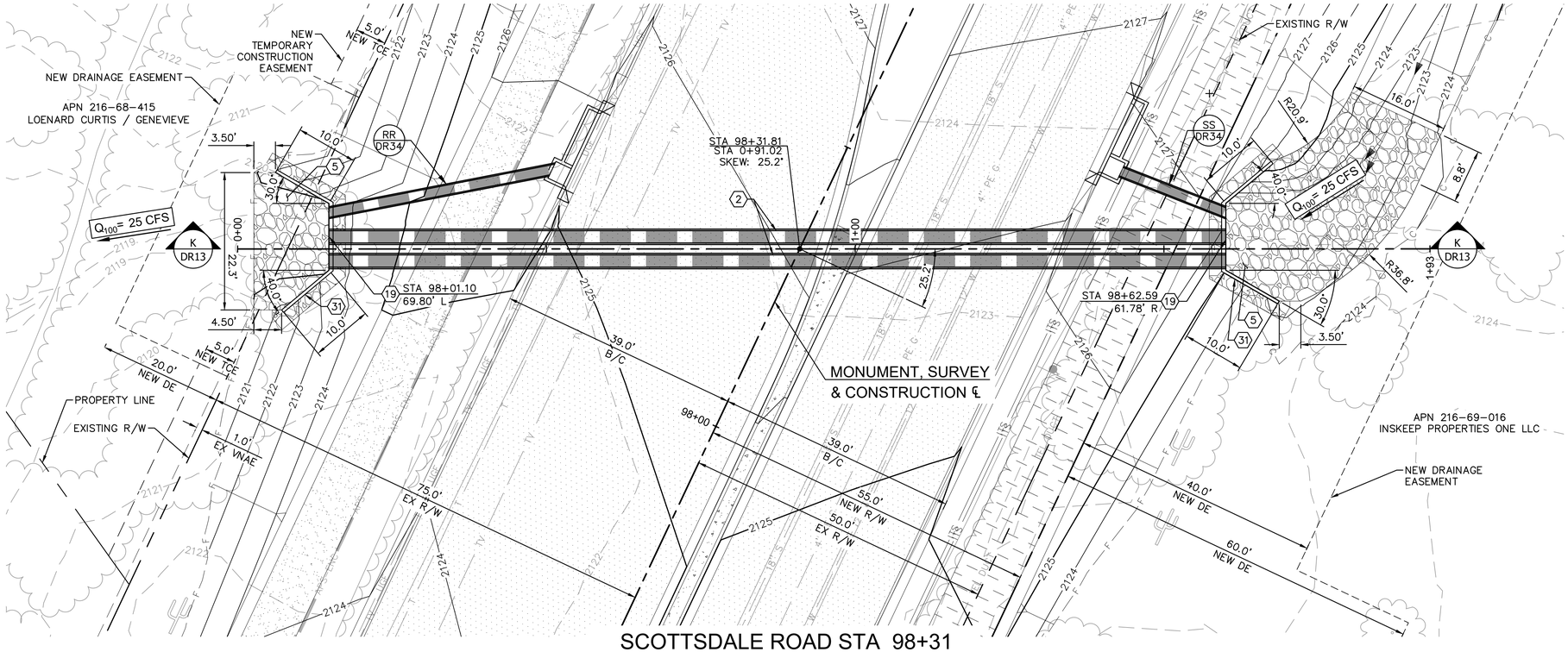
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VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	101 OF 299

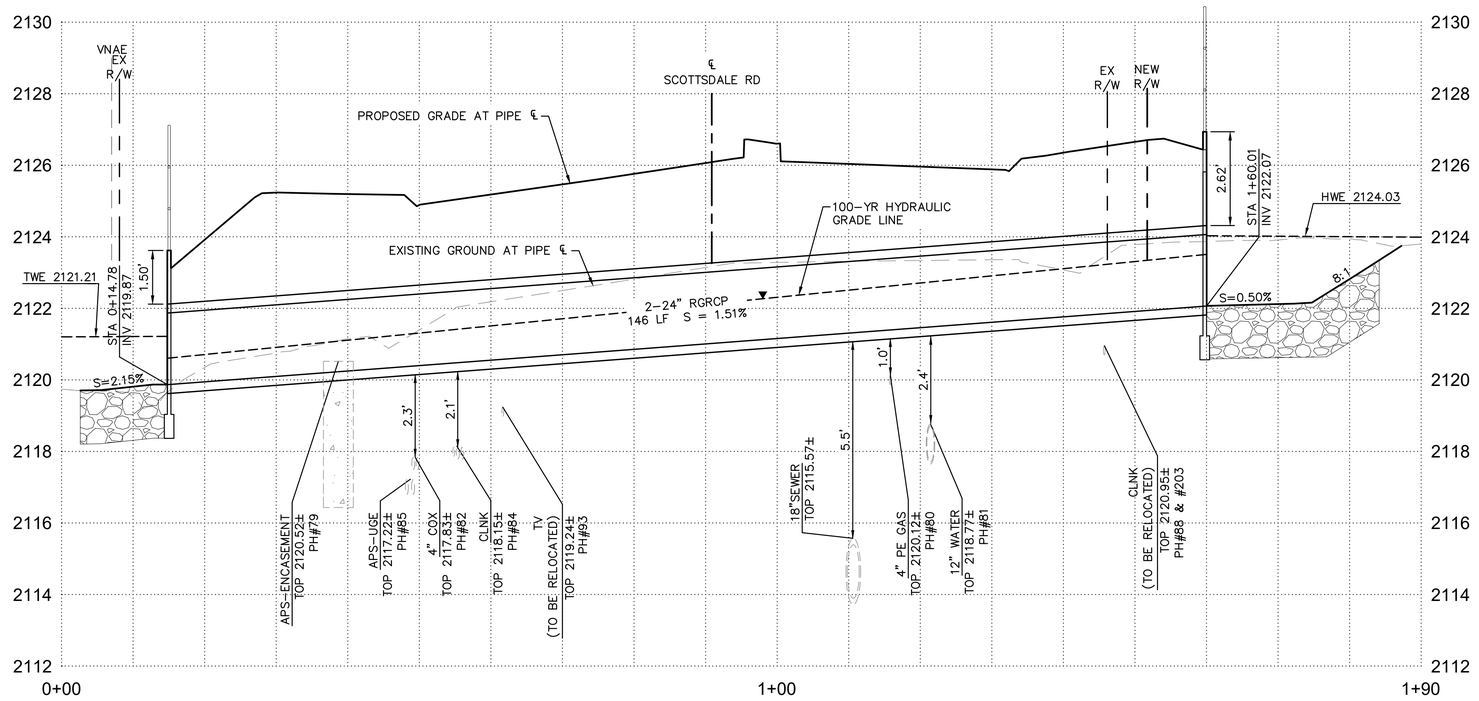
PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

PLOT DATE: Sep 26, 2023

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2-DR-2024
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DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
2	24" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	292	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	51	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	64	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEET PV15 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS04 FOR SWALE PROFILE INFORMATION.

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

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ARIZONA811
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DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

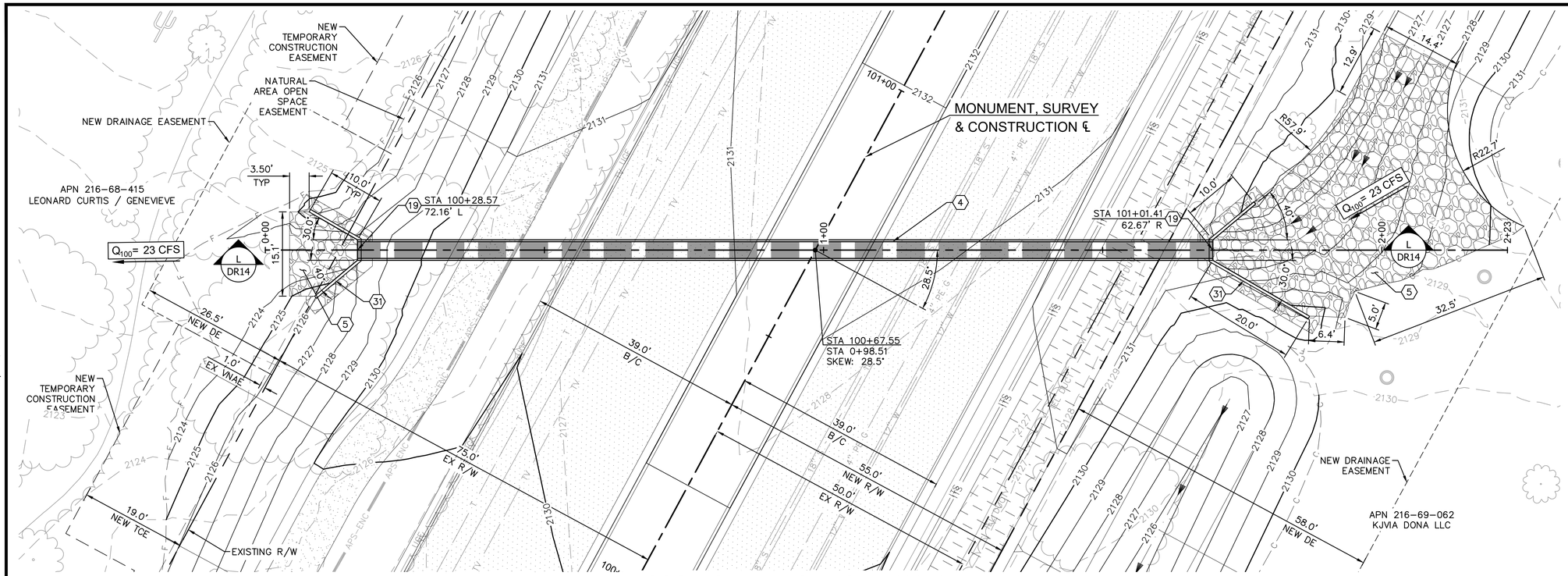
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VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	102 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

PLOT DATE: Sep 26, 2023

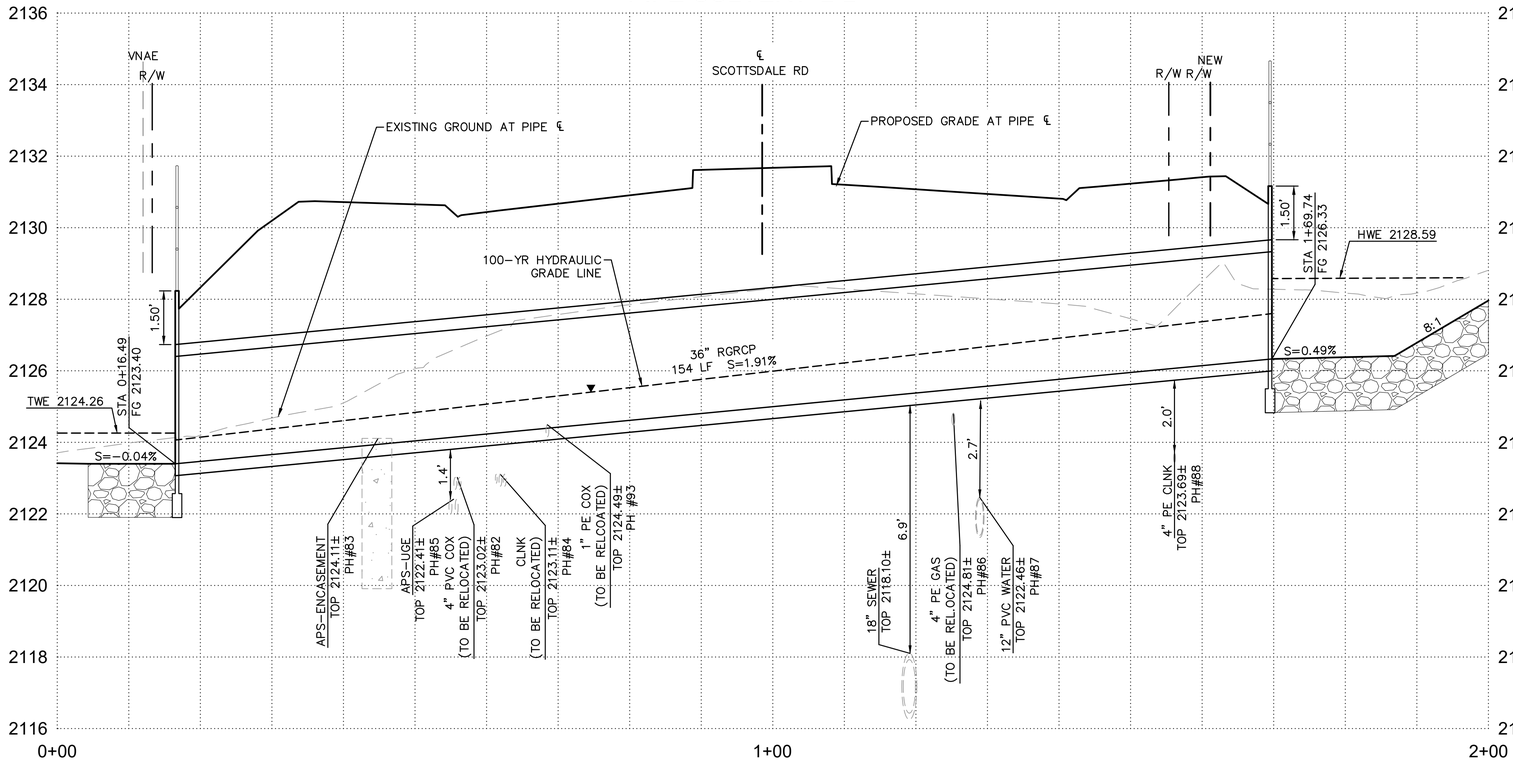
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2/27/24



SCOTTSDALE ROAD STA 100+64

PIPE CULVERT 'L-L'



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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
4	36" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	154	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	84	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	60	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEET PV15 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS03 FOR SWALE PROFILE INFORMATION.

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

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DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A. EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

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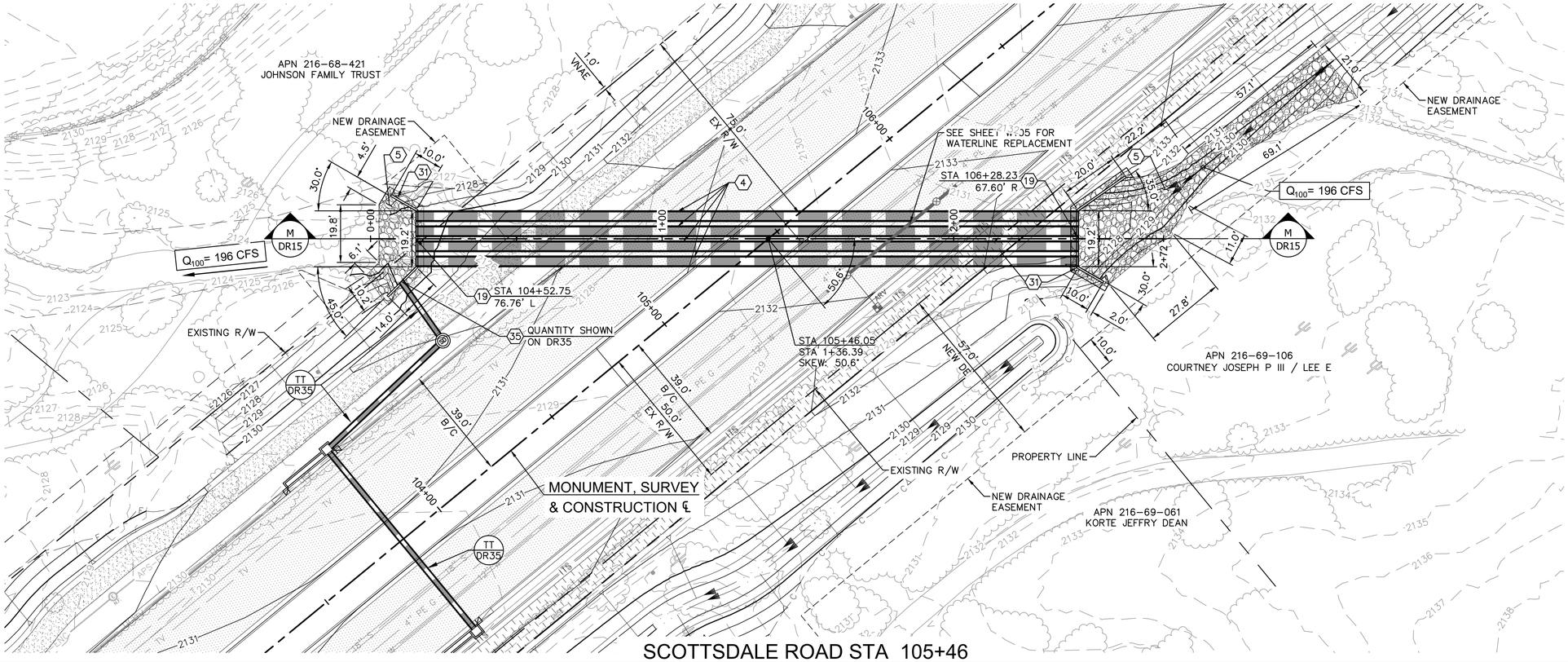
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HORIZ. 1"=20'	KA	09/2023		DR14
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	103 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

PLOT DATE: Sep 26, 2023

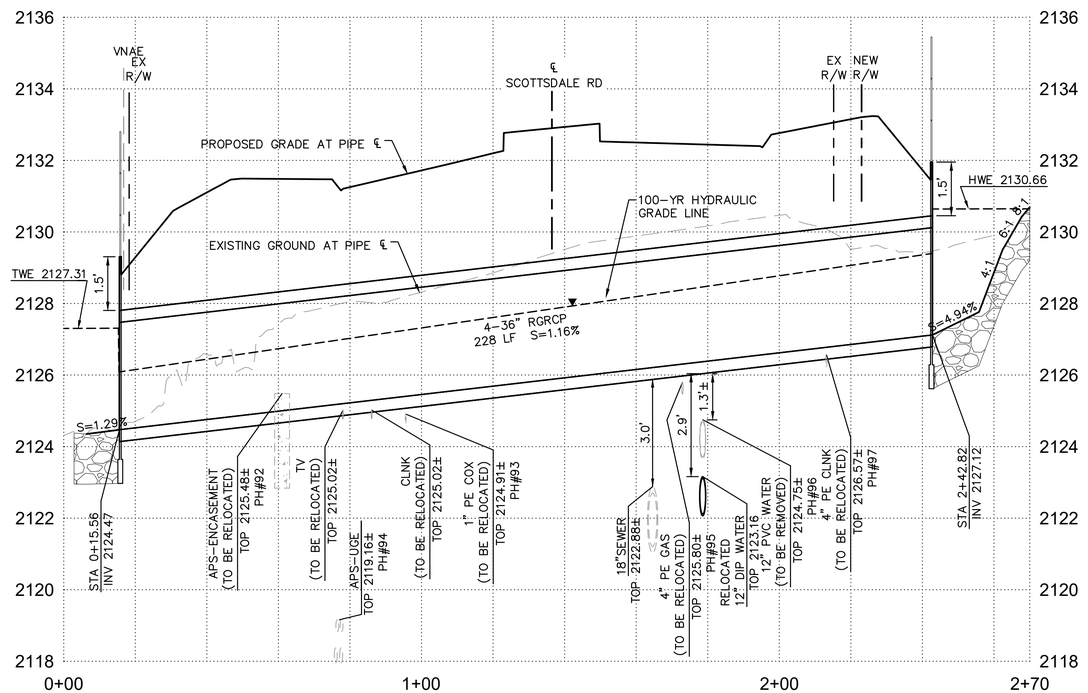
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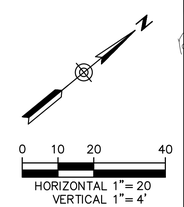
2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 105+46

PIPE CULVERT 'M-M'





THIS SHEET SCALED FOR 24"X36" BORDER

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602.263.1177
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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
4	36" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	912	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	122	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	94	LF
35	PIPE/WALL PENETRATION PER DET 22 ON SHEET DT03 (NPI)	---	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV16 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS04 FOR SWALE PROFILE INFORMATION.
4. SEE SHEETS WT05 FOR WATERLINE REPLACEMENT.

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

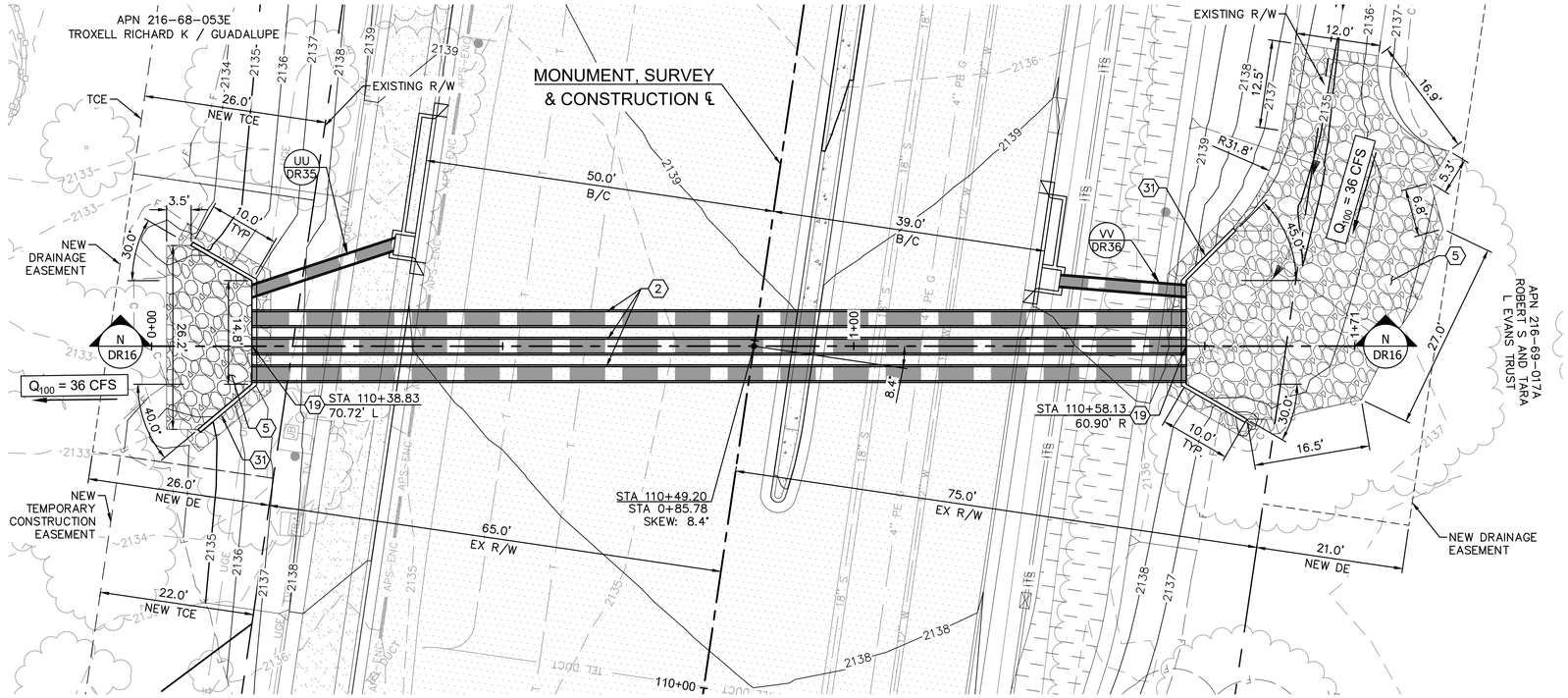
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VERT. 1"=4'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	104 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24

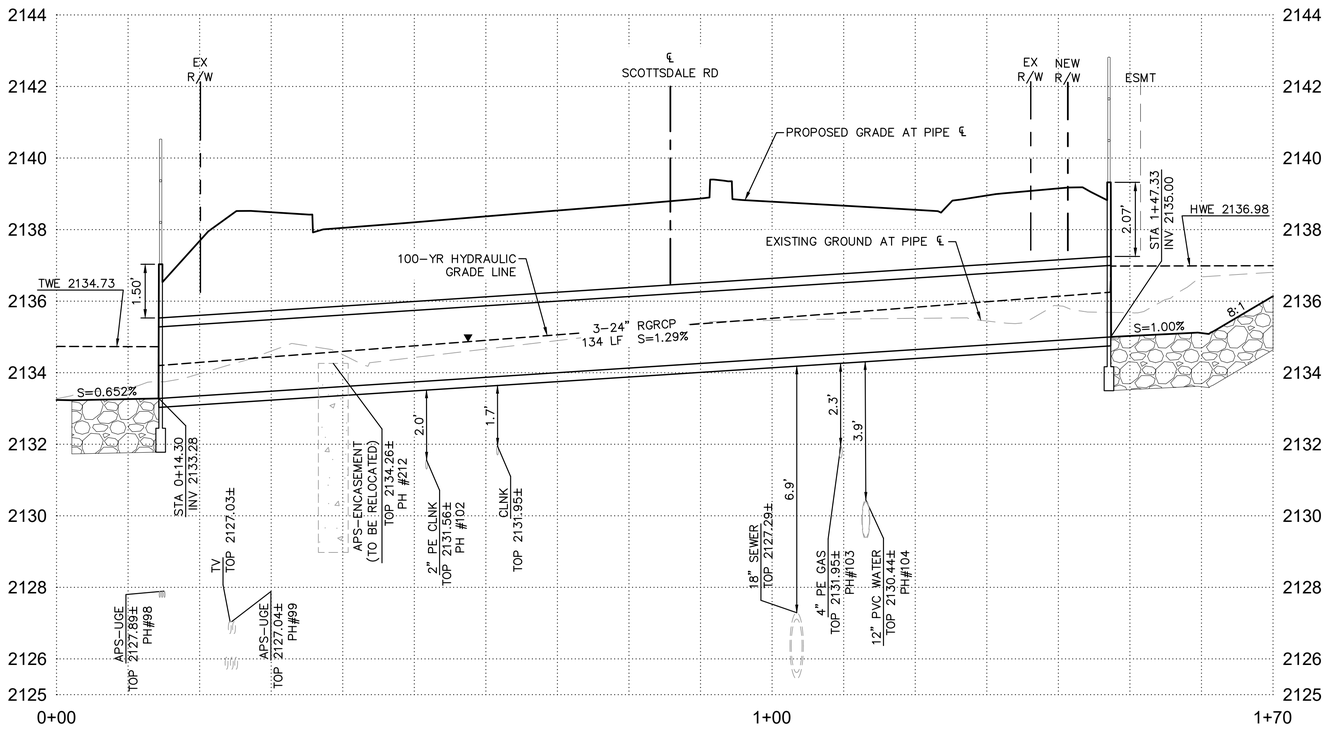
PLOT DATE: Sep 26, 2023

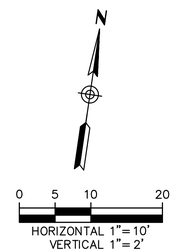
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PLOT DATE: Sep 26, 2023

SCOTTSDALE ROAD STA 110+49.20
PIPE CULVERT 'N-N'





THIS SHEET SCALED FOR 24"X36" BORDER

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DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
2	24" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	402	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	86	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	70	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV17 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS05 FOR SWALE PROFILE INFORMATION.

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PROFILE

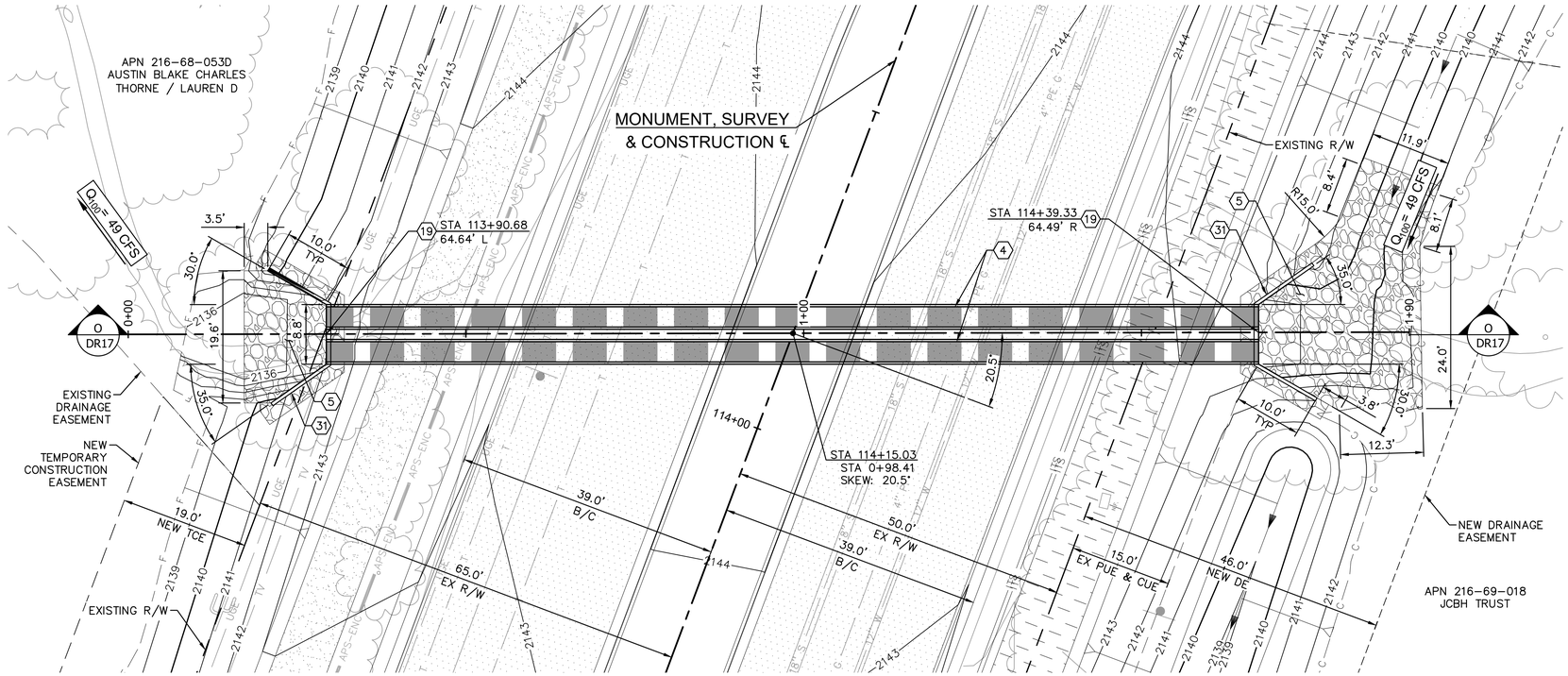
PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	09/2023	BID NO.	SHT.
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VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	105 OF 299

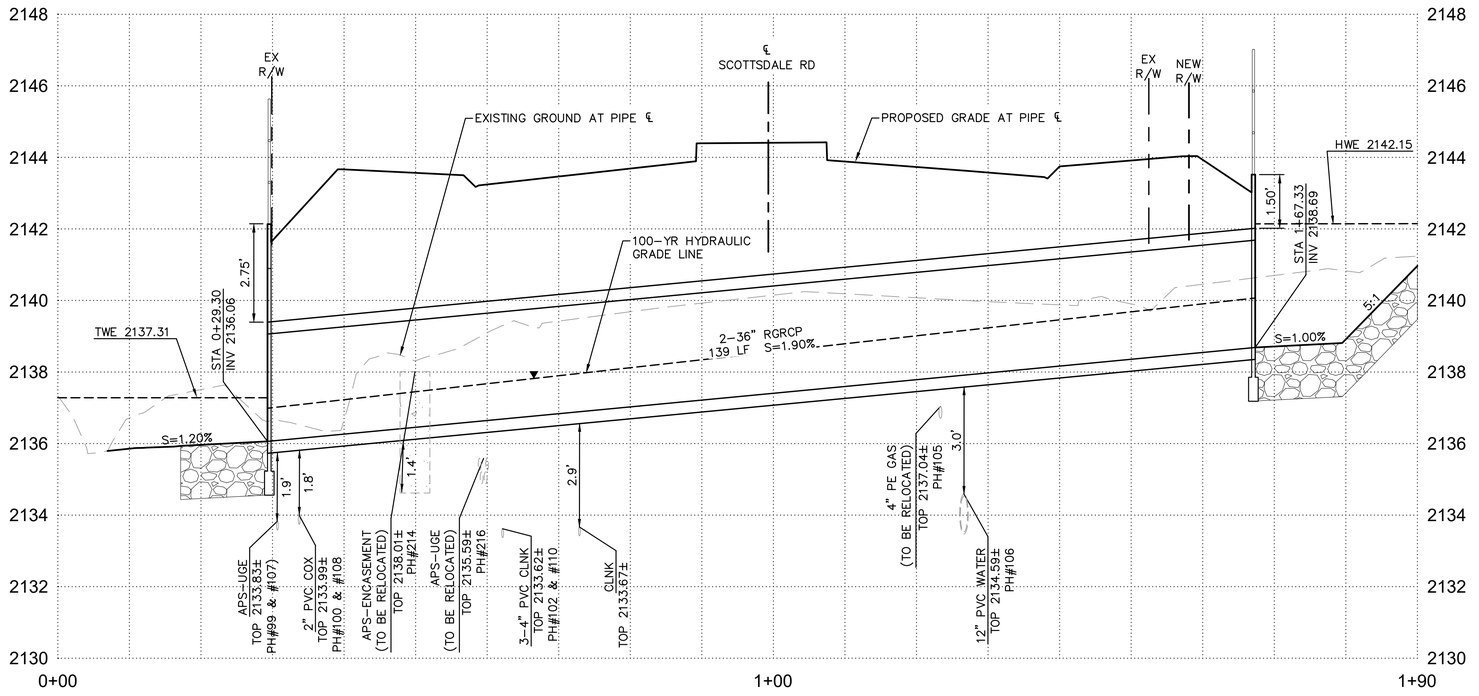
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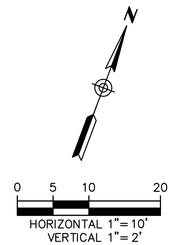
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2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 114+17
PIPE CULVERT 'O-O'





THIS SHEET SCALED FOR 24"X36" BORDER

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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
4	36" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	278	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	46	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	60	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV18 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS05 FOR SWALE PROFILE INFORMATION.

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ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed 12/31/2023 ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

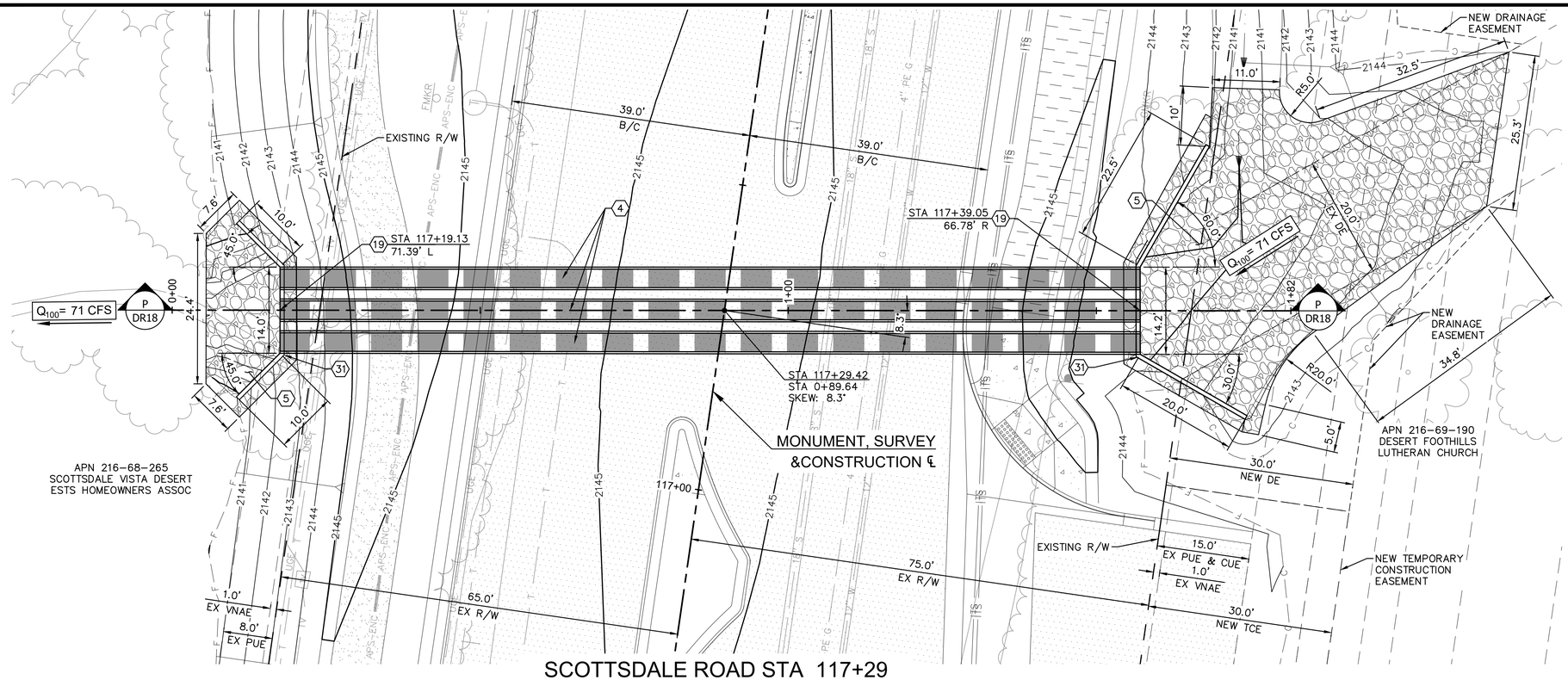
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HORIZ. 1"=10'	KA			DR17
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	106 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

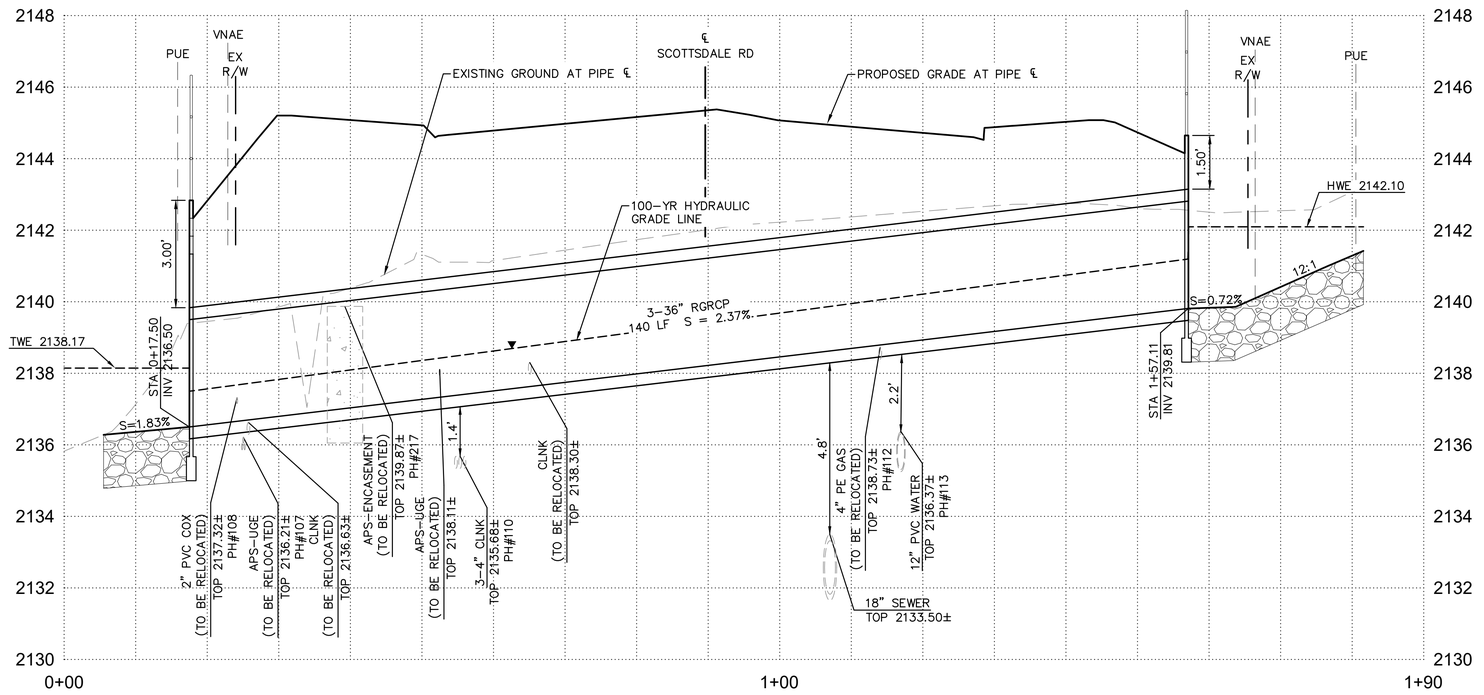
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2/27/24

PLOT DATE: Sep 26, 2023

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SCOTTSDALE ROAD STA 117+29
PIPE CULVERT 'P-P'



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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
4	36" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	420	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	124	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	72	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV18–PV19 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS05 FOR SWALE PROFILE INFORMATION.

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
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HORIZONTAL 1"= 10'
VERTICAL 1"= 2'

THIS SHEET SCALED FOR 24"X36" BORDER

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A. EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

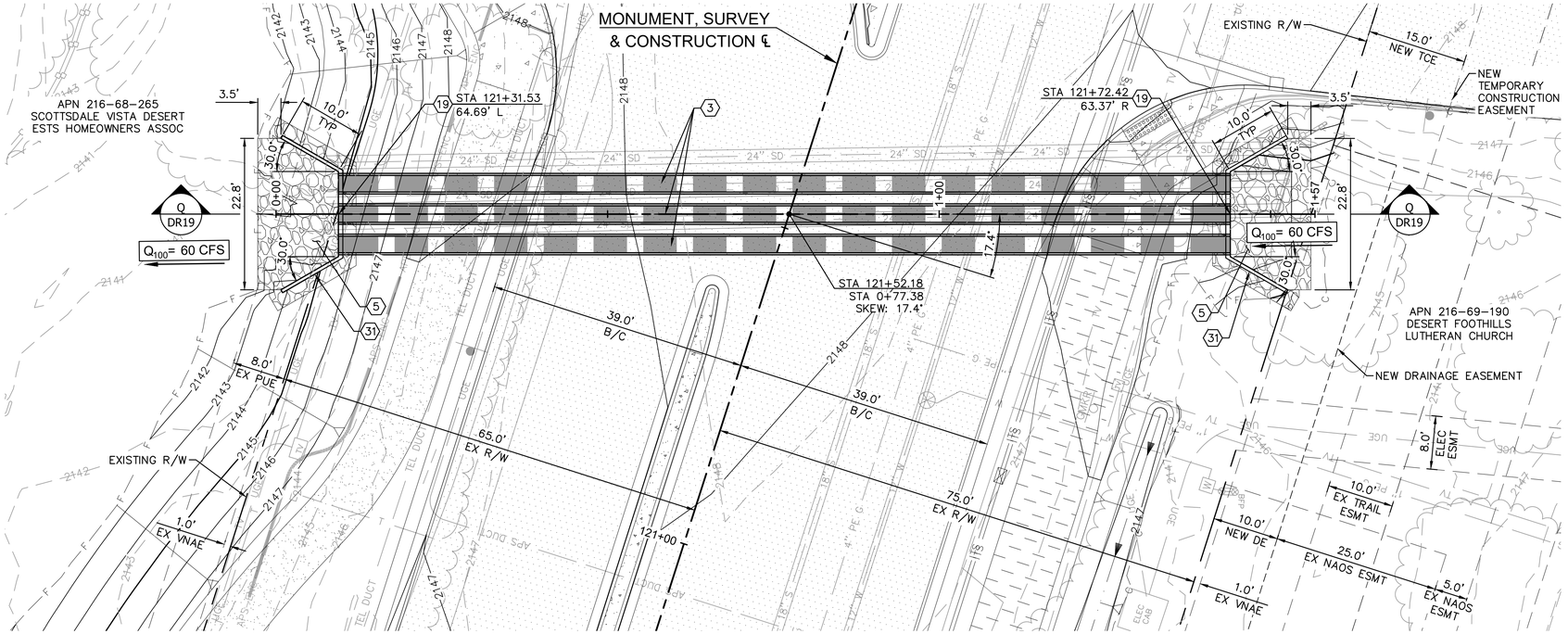
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HORIZ. 1"=10'	KA	09/2023		DR18
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	107 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

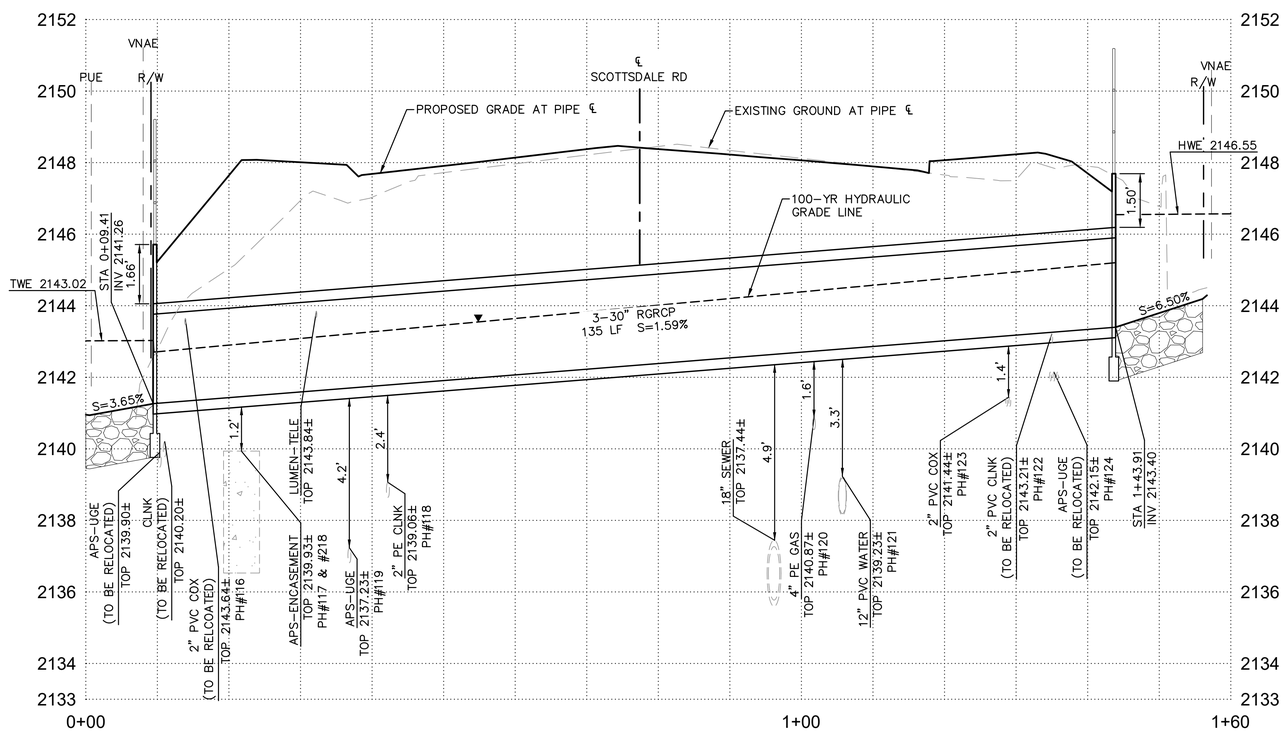
PLOT DATE: Sep 26, 2023

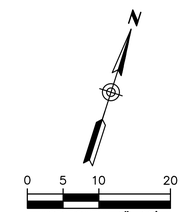
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2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 121+52
PIPE CULVERT 'Q-Q'





THIS SHEET SCALED FOR 24"X36" BORDER

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DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
3	30" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	405	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	26	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	67	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV19-PV20 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS05 FOR SWALE PROFILE INFORMATION.

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ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil)
CERTIFICATE NO.
27556
RAAJ C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE
ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

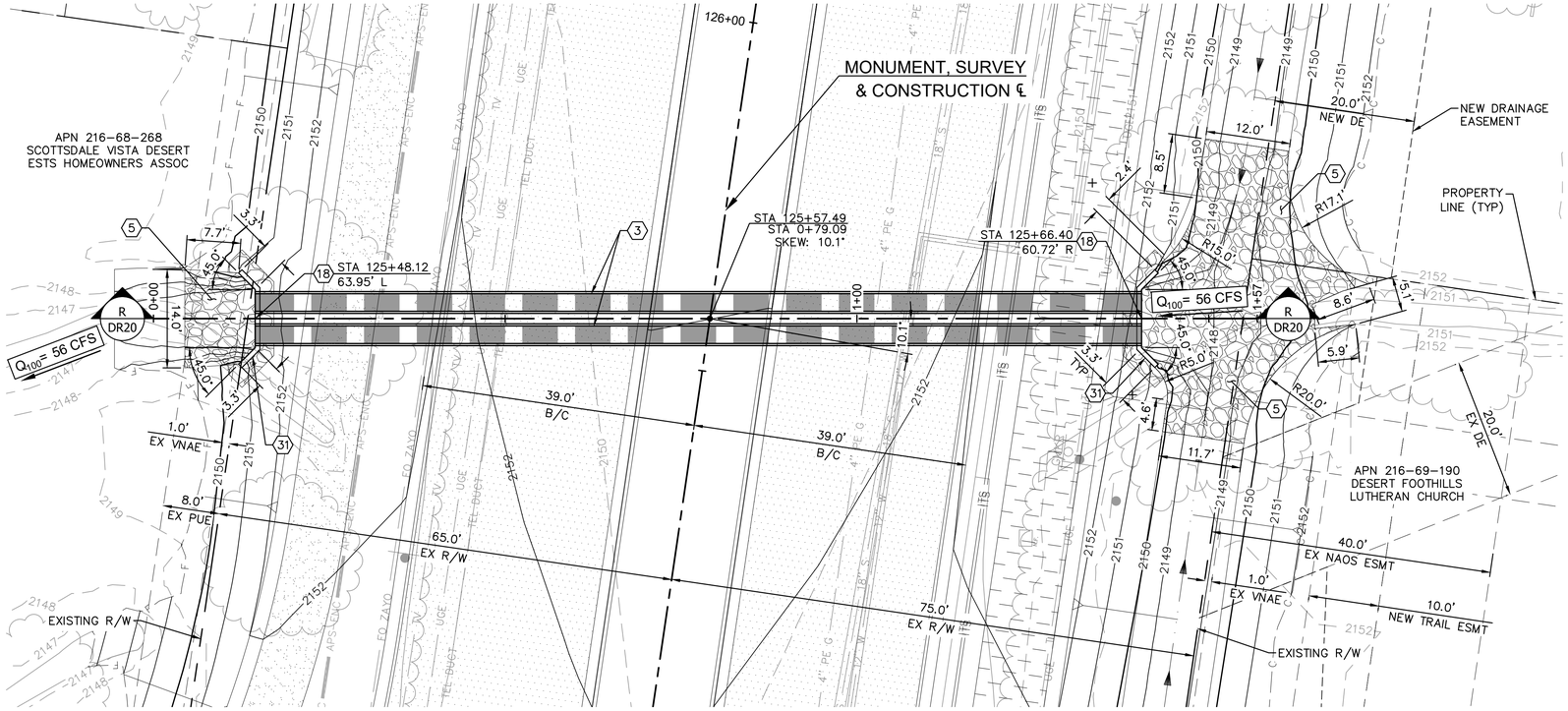
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HORIZ. 1"=10'	KA			DR19
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	108 OF 299

PLOT DATE: Sep 26, 2023

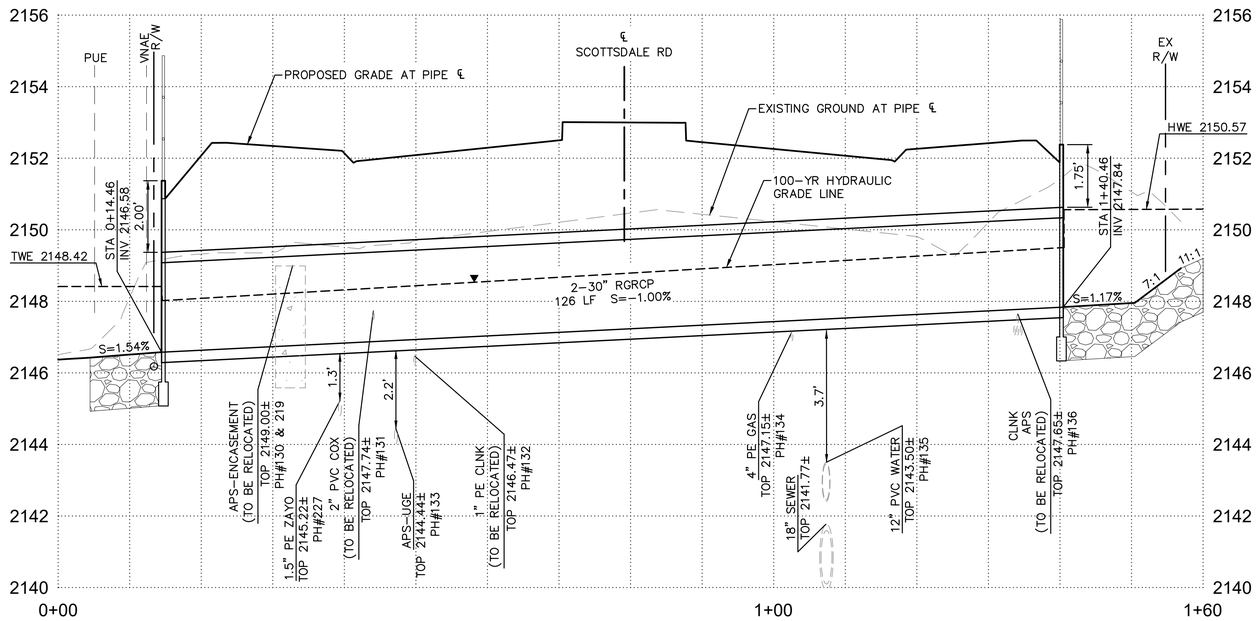
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PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 125+57
PIPE CULVERT 'R-R'



HORIZONTAL 1"=10'
VERTICAL 1"=2'

THIS SHEET SCALED FOR 24"X36" BORDER

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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
3	30" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	252	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	49	CY
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	30	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV20 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS05 FOR SWALE PROFILE INFORMATION.

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ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

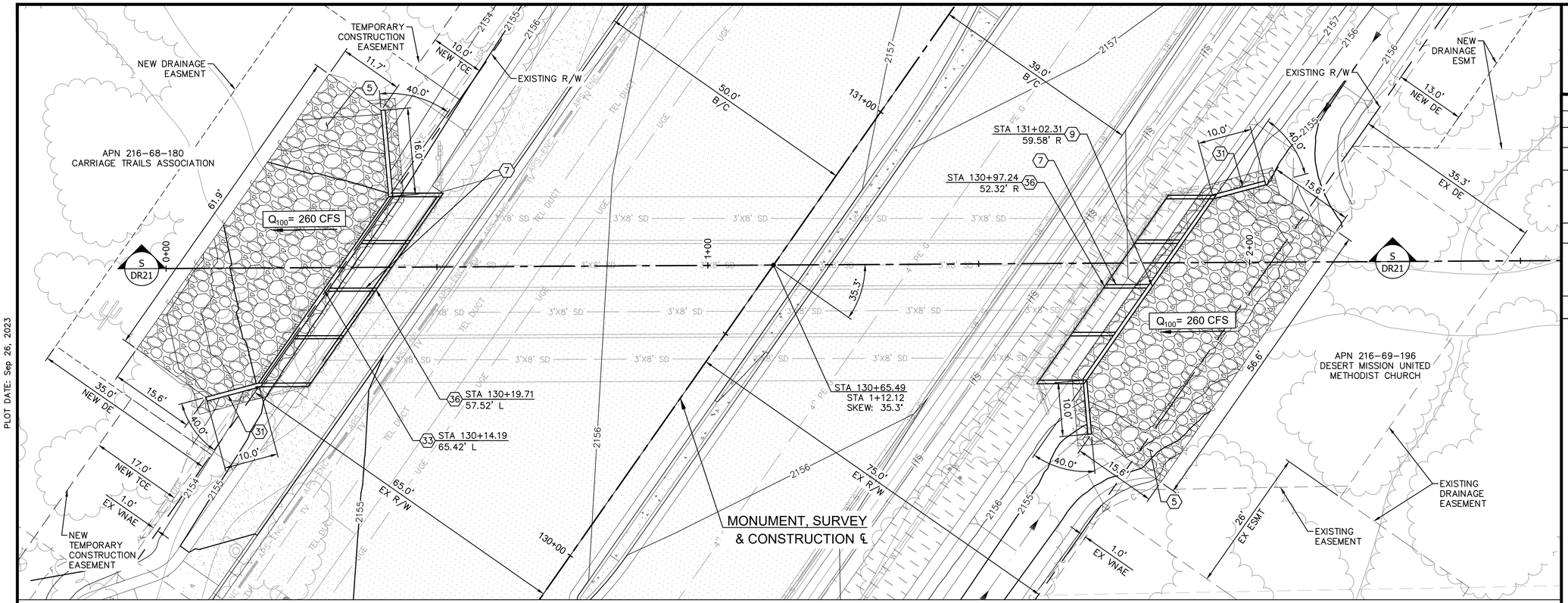
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VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	109 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

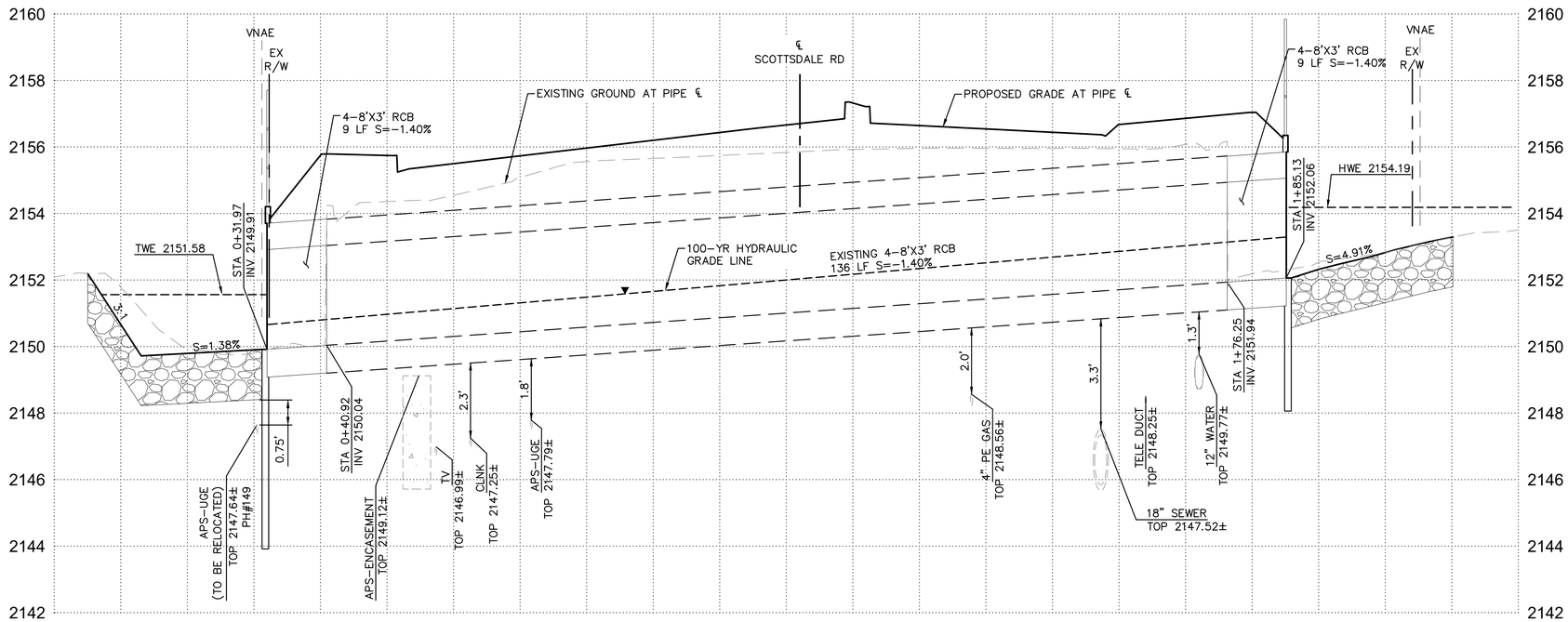
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2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 130+65
BOX CULVERT 'S-S'



HORIZONTAL 1"=10'
VERTICAL 1"=2'

THIS SHEET SCALED FOR 24"X36" BORDER

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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	137	CY
7	8'x3' REINFORCED CONCRETE BOX CULVERTS FOUR BARREL PER ADOT SD 6.04	18	LF
9	HEADWALL PER ADOT SD 6.01, INLET WINGS PER ADOT SD 6.08-7, MODIFIED LENGTH & ANGLE PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
31	HANDRAIL PER COS STD DET 2508	126	LF
33	HEADWALL PER ADOT SD 6.01, OUTLET WINGS PER ADOT SD 6.08-5, MODIFIED LENGTH & ANGLE PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
36	BOX CULVERT EXTENSION PER ADOT SD-6.01 ON SHEET DT04	33	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV21-PV22 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS06 FOR SWALE PROFILE INFORMATION.

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA 811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed 12/31/2023 ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

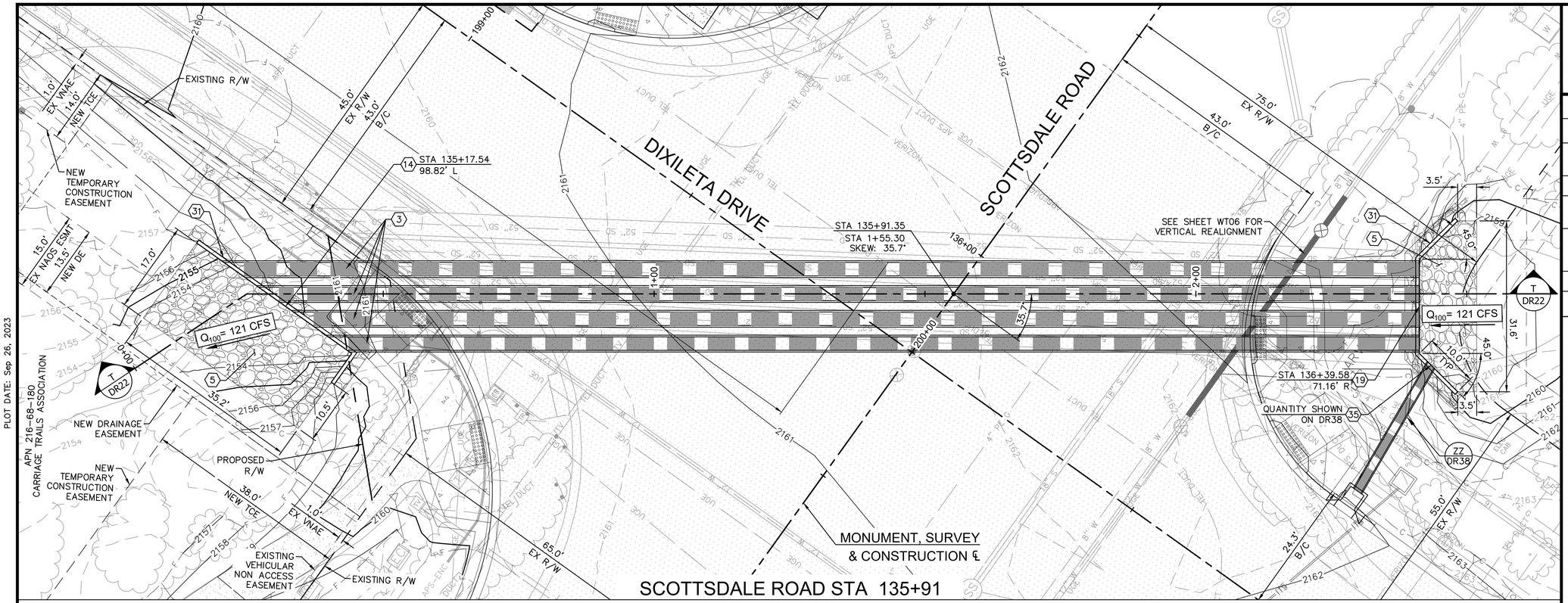
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HORIZ. 1"=10'	KA			DR21
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	110 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

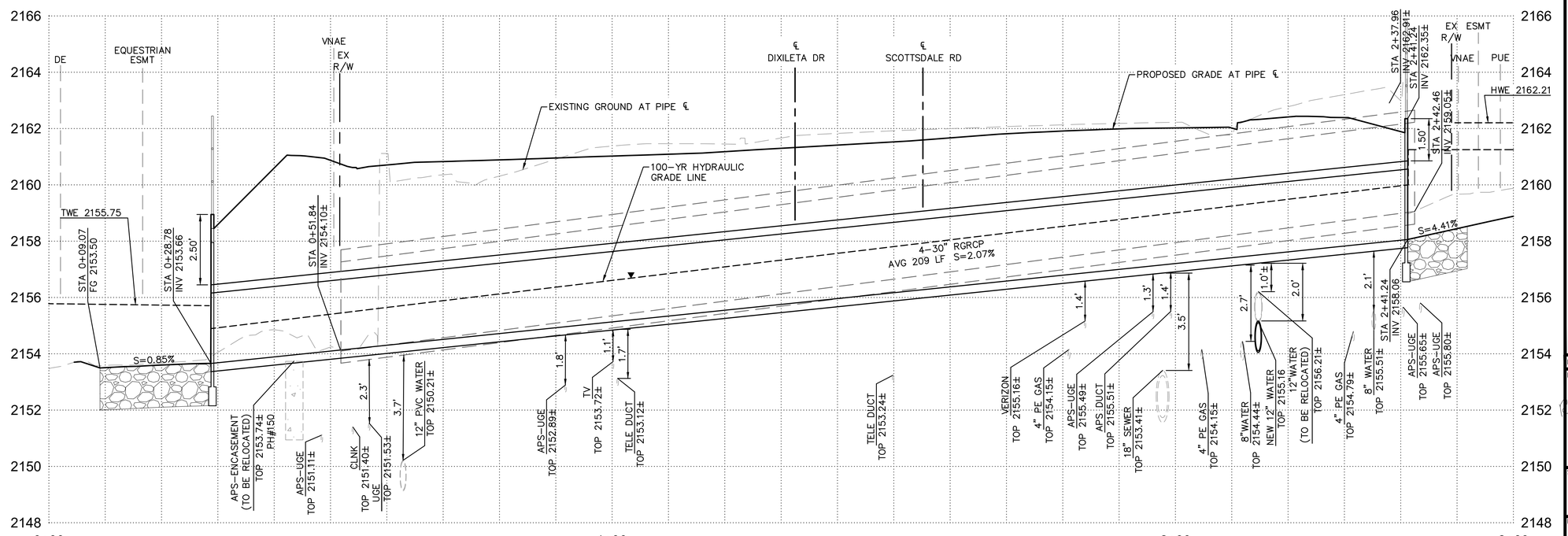
2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\Projects\2020\220087 - Scottsdale Rd - Jomax - Dixileta\CAD Files\Sheets\110-220087-DR21.dwg



SCOTTSDALE ROAD STA 135+91
PIPE CULVERT 'T-T'



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DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
3	30" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	838	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	49	CY
14	HEADWALL PER MAG STD DET 501-2, 'L' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
31	HANDRAIL PER COS STD DET 2508	79	LF
35	PIPE/WALL PENETRATION PER DET 22 ON SHEET DT03 (NPI)	---	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV23 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS06 FOR SWALE PROFILE INFORMATION.
4. SEE SHEET WT06 FOR WATERLINE VERTICAL REALIGNMENT

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO.
27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

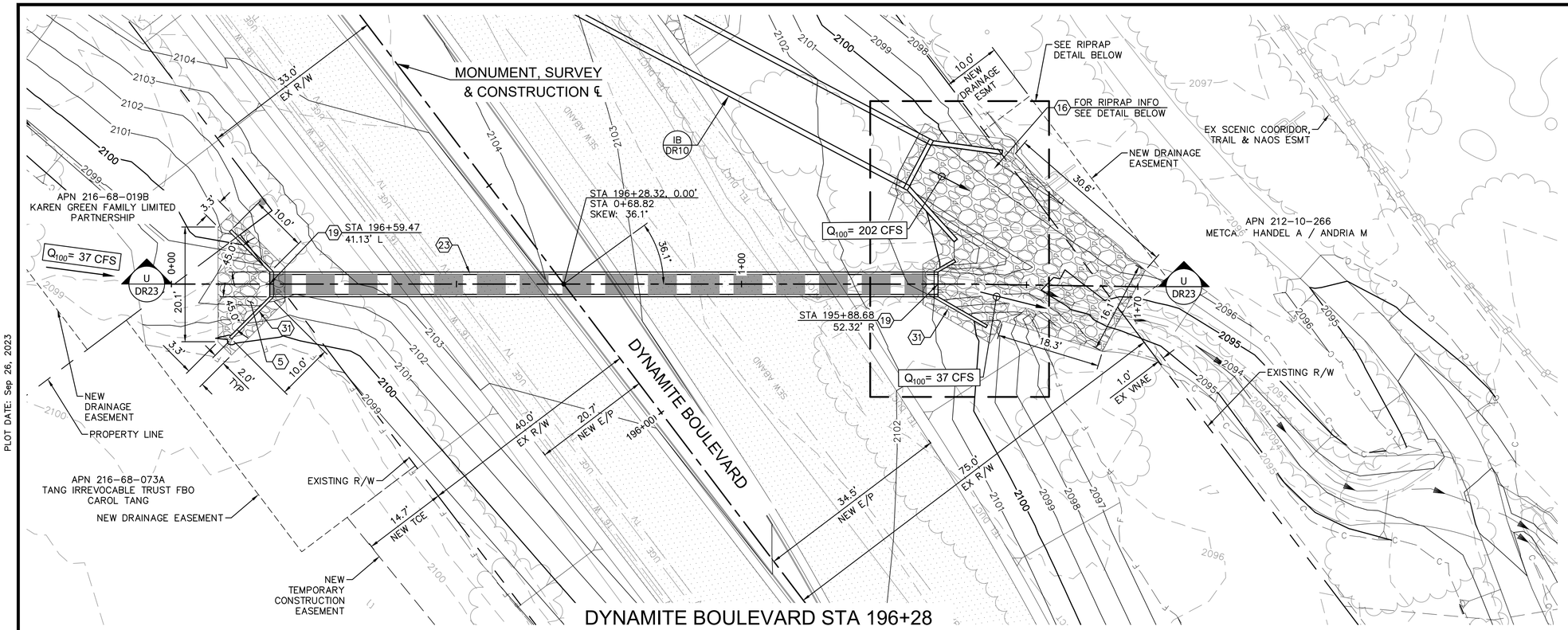
SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

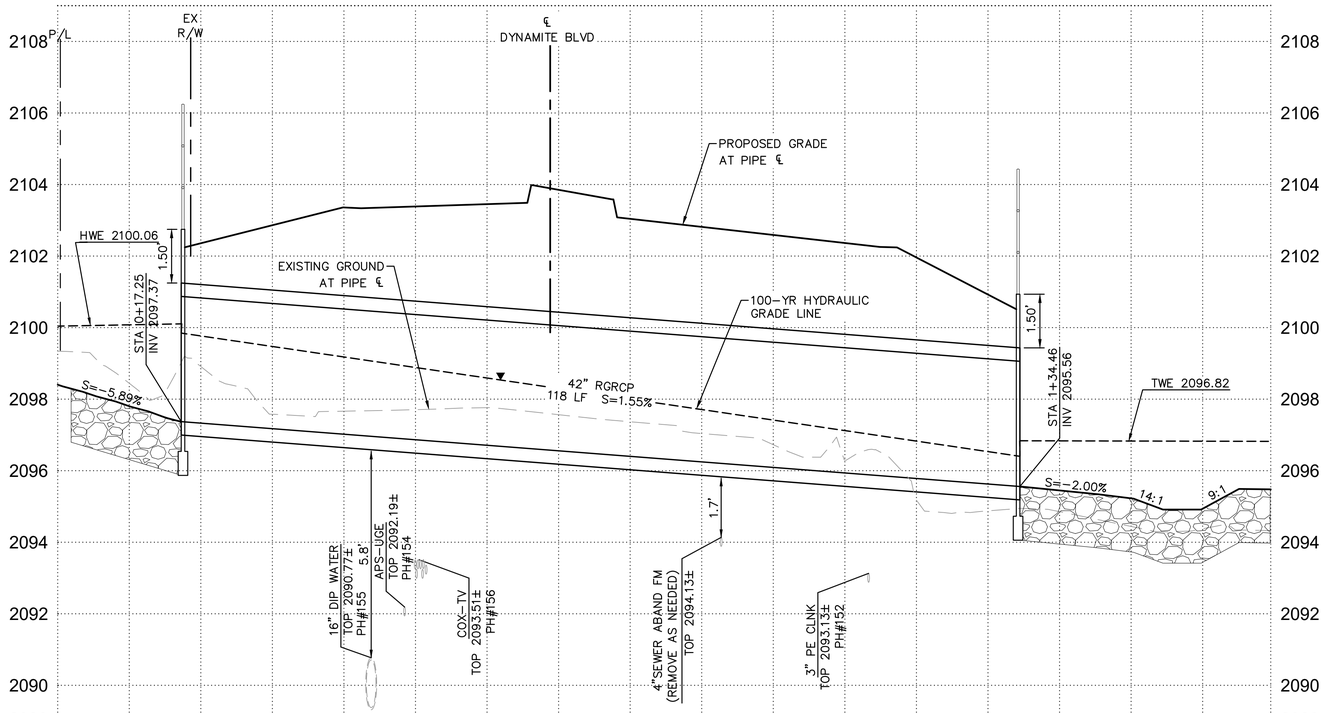
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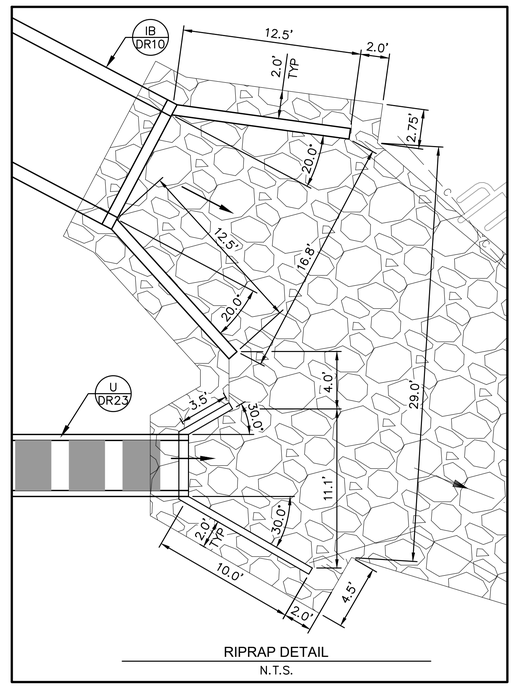
SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ. 1"=10'	KA			DR22
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	111 OF 299

PLOT DATE: Sep 26, 2023
FILE: P:\Projects\2020\220087 - Scottsdale Rd - Jomax - Dixileta\CAD Files\Sheets\111-220087-DR22.dwg
PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)
2-DR-2024
2/27/24



DYNAMITE BOULEVARD STA 196+28
PIPE CULVERT 'U-U'





RIPRAP DETAIL
N.T.S.

DRAINAGE NOTES			
NO.	DESCRIPTION	QTY	UNIT
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	7	CY
16	DUMPED RIPRAP, D50=12", THICKNESS=24"	65	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
23	42" RGRCP, CLASS V,TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	118	LF
31	HANDRAIL PER COS STD DET 2508	63	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV25 FOR ALL ROADWAY INFORMATION.

0 5 10 20
HORIZONTAL 1"=10
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO. 27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ 1"=10'	KA	09/2023		DR23
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	112 OF 299

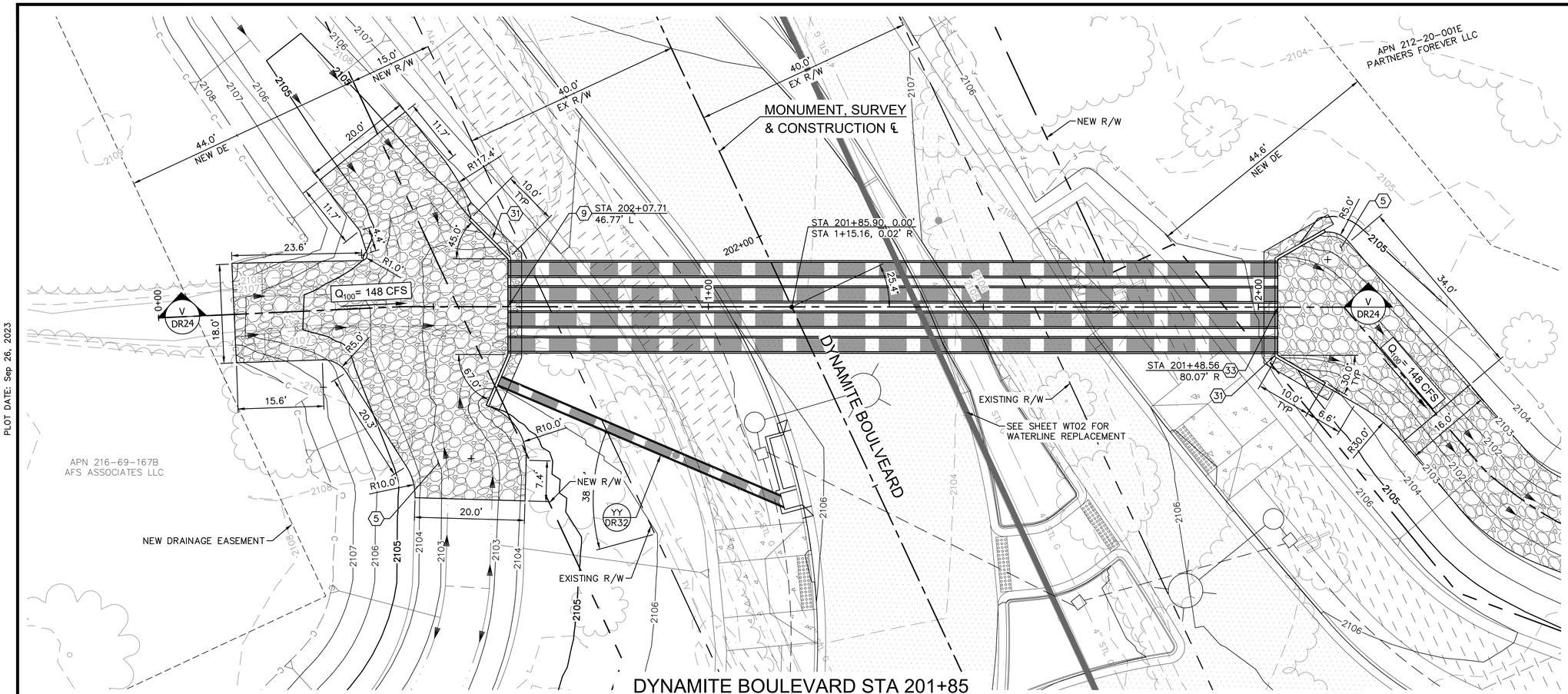
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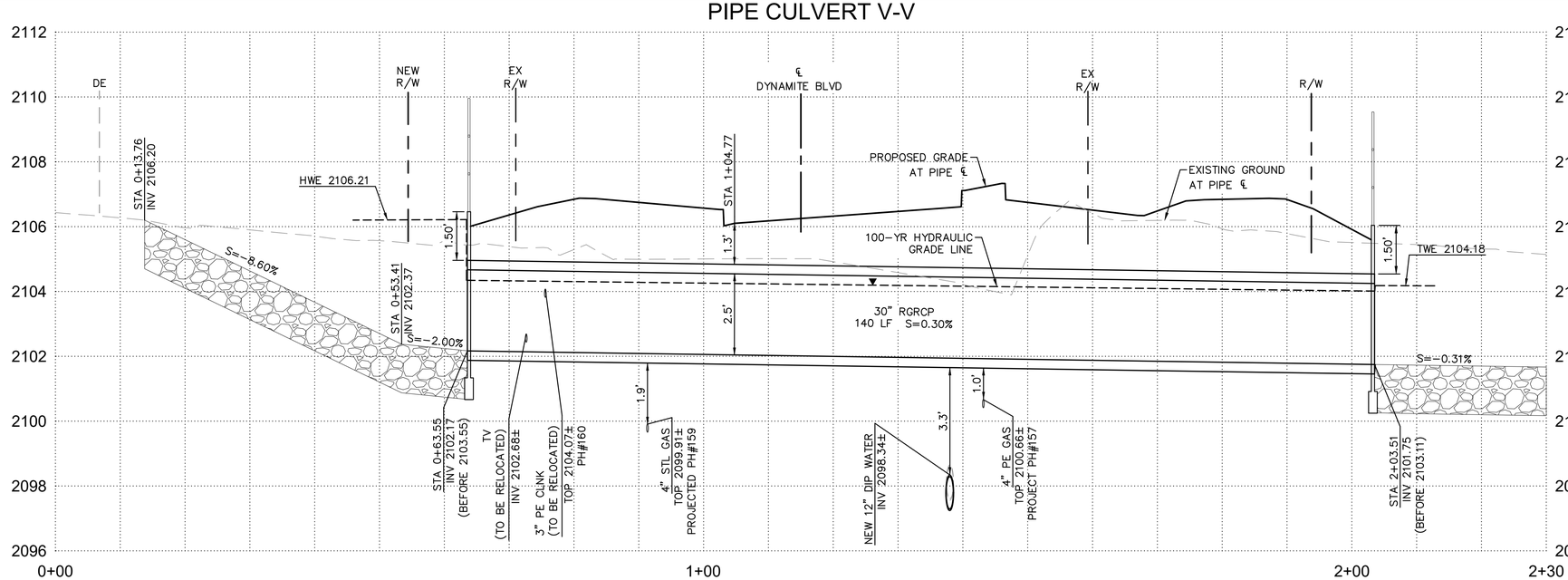
PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

PLOT DATE: Sep 26, 2023

FILE: P:\Projects\2020\220087 - Scottsdale Rd - Jomax - Dixileta\CAD Files\Sheets\112-220087-DR23.dwg

2-DR-2024
2/27/24





DRAINAGE NOTES			
NO.	DESCRIPTION	QTY	UNIT
3	30" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	560	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	152	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	76	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV25 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS03 FOR SWALE PROFILE INFORMATION
4. SEE SHEET WT02 FOR WATERLINE REPLACEMENT

HORIZONTAL 1"=10
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A. EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=20'	KA	09/2023		DR24
VERT. 1"=2'	DRAWN	AS-BUILT	COS PROJECT NO.	113 OF 299
	AH		SG05	

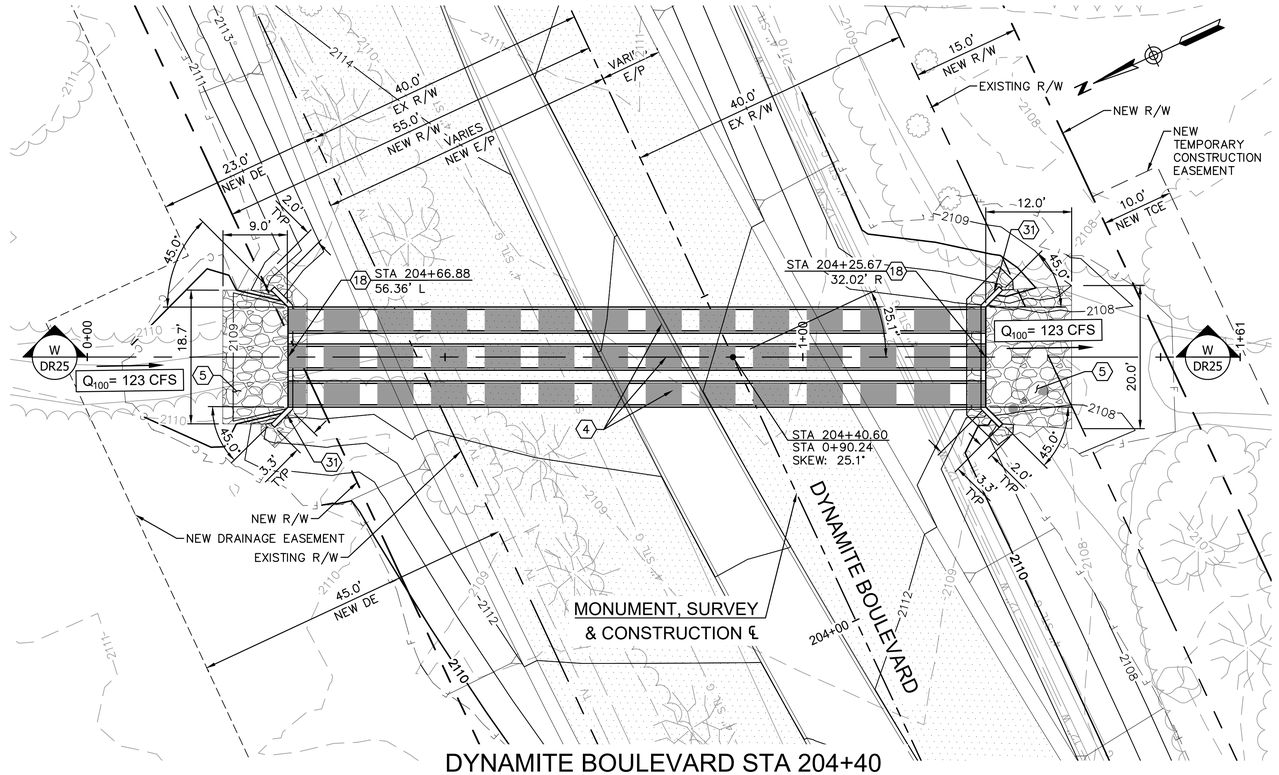
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PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

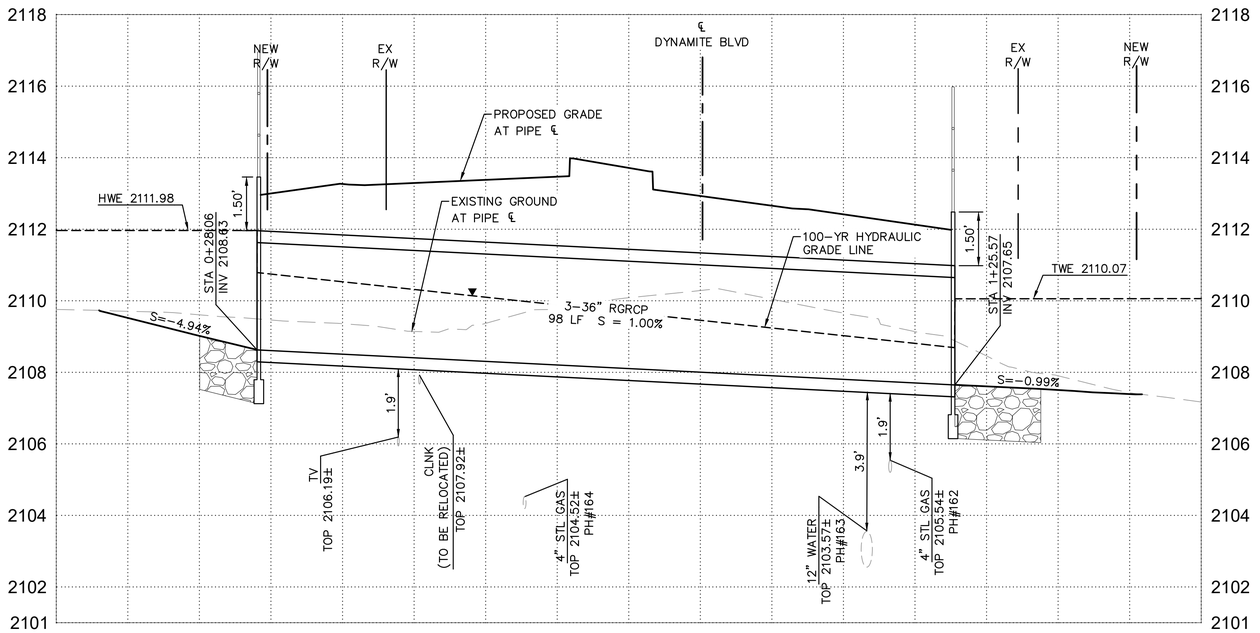
2-DR-2024
2/27/24

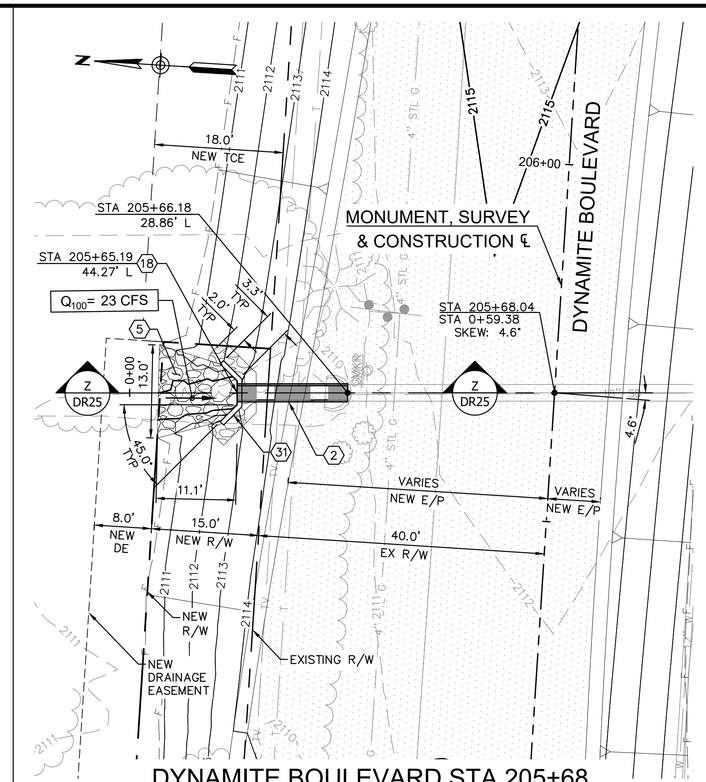
PLOT DATE: Sep 26, 2023

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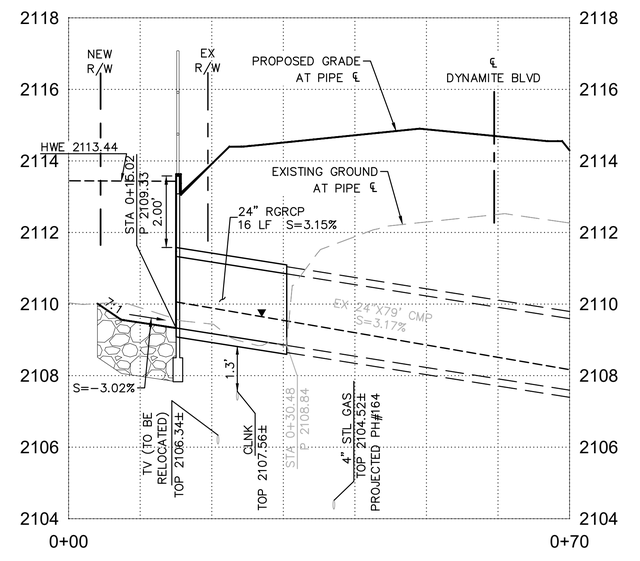


DYNAMITE BOULEVARD STA 204+40
PIPE CULVERT 'W-W'





DYNAMITE BOULEVARD STA 205+68
PIPE CULVERT 'Z-Z'



THIS SHEET SCALED FOR 24"X36" BORDER

RPA AN ARDURRA COMPANY
602.263.1177
www.rpaeng.com
www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
2	24" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	16	LF
4	36" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	294	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	27	CY
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	3	EA
31	HANDRAIL PER COS STD DET 2508	54	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV26 FOR ALL ROADWAY INFORMATION.

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA 811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

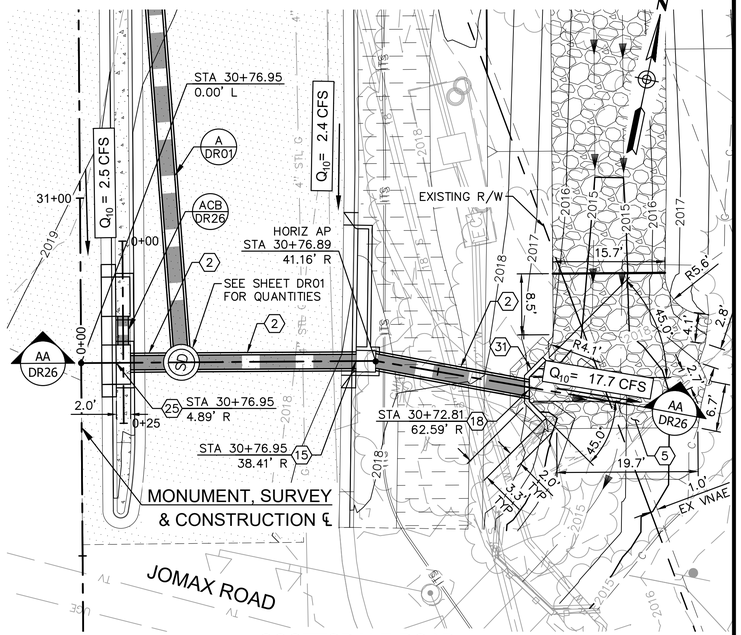
SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=10'	KA	09/2023		DR25
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	114 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

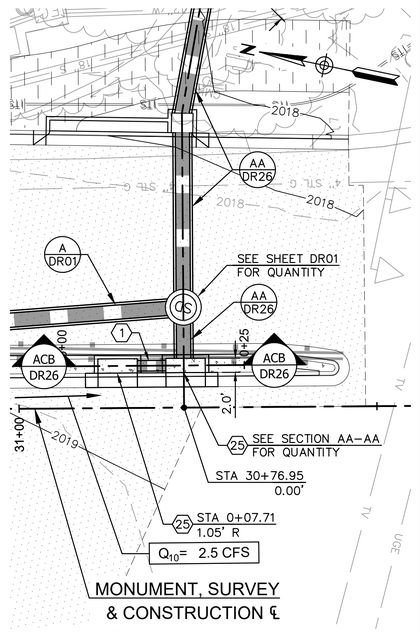
PLOT DATE: Sep 26, 2023

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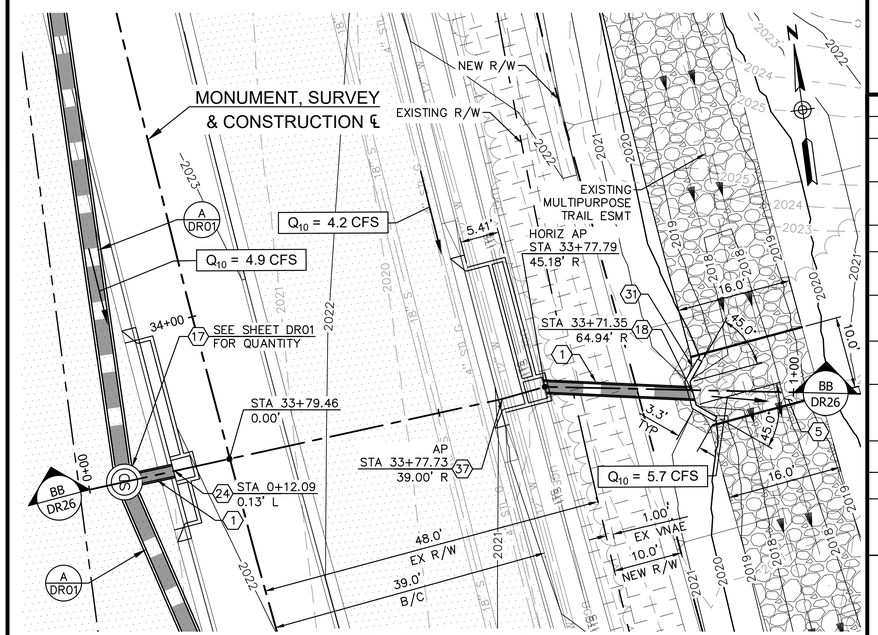
2-DR-2024
2/27/24



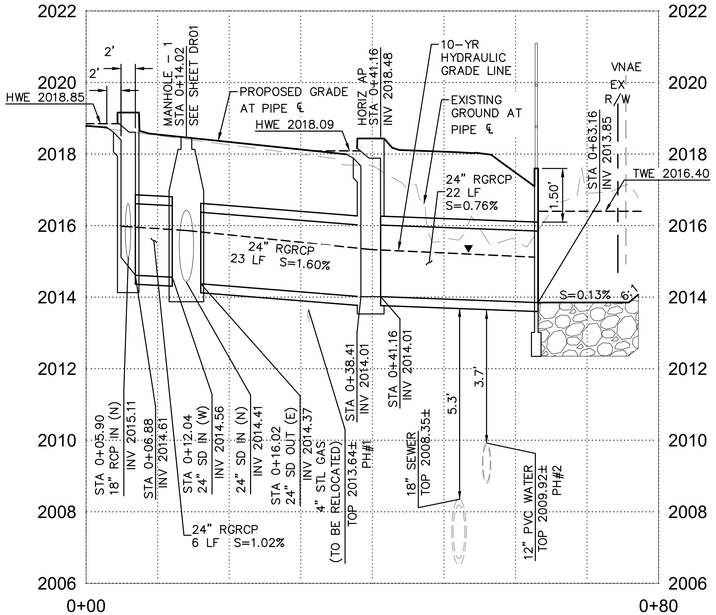
SCOTTSDALE ROAD
STA 30+76
STORM DRAIN PIPE AA-AA

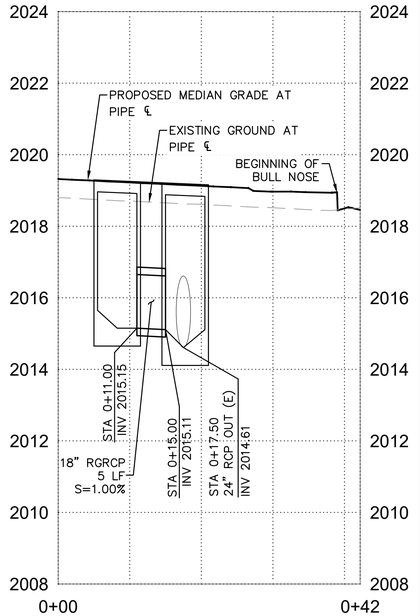


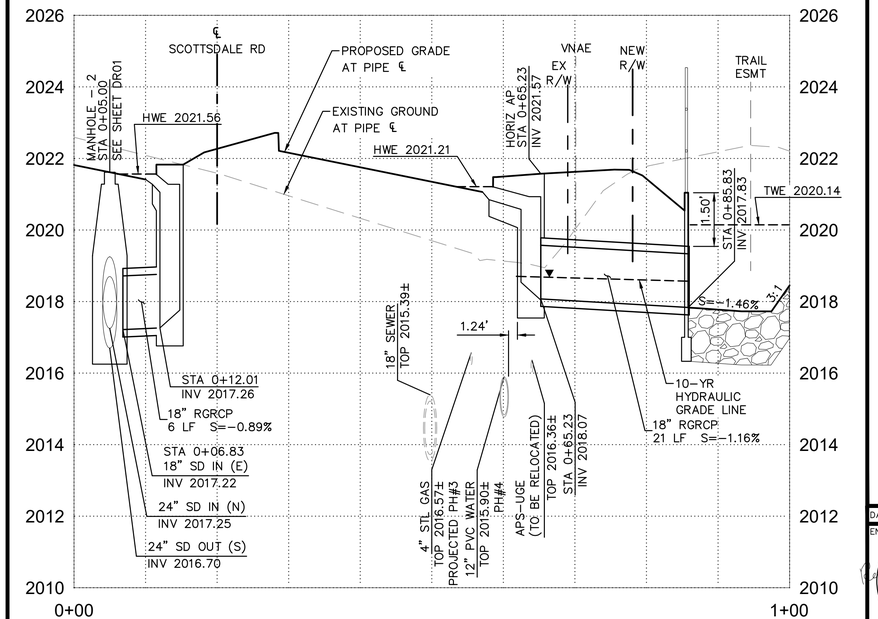
SCOTTSDALE ROAD
STA 30+76
STORM DRAIN PIPE ACB-ACB



SCOTTSDALE ROAD
STA 33+79
STORM DRAIN PIPE BB-BB







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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	32	LF
2	24" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	51	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	35	CY
15	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=17' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	1	EA
17	48" DIAMETER MANHOLE PER MAG STD DET 520 & 522 WITH LID PER COS STD DET 2520 (30" LID)	--	EA
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
24	CATCH BASIN PER COP STD DET P1569-1 - "M-2" TYPE, L=17' UPSTREAM AND L=6' DOWNSTREAM WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	1	EA
25	CATCH BASIN PER MAG STD DET 531, TYPE 'B', MODIFIED WIDTH PER PLAN	2	EA
31	HANDRAIL PER COS STD DET 2508	20	LF
37	CATCH BASIN PER COP STD DET P1569-1 - "M-1" TYPE, MODIFIED TOP PER DET 14 ON SHT DT02, L=17' UPSTREAM WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	1	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV01 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS01 FOR SWALE PROFILE INFORMATION.

0 5 10 20
HORIZONTAL 1"= 10'
VERTICAL 1"= 2'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Professional Engineer
CERTIFICATE NO.
27556
RAJU C. SHAH
Date Signed 12/31/23
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE
ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=10'	KA	09/2023		DR26
VERT.	DRAWN AH	AS–BUILT	COS PROJECT NO. SG05	115 OF 299

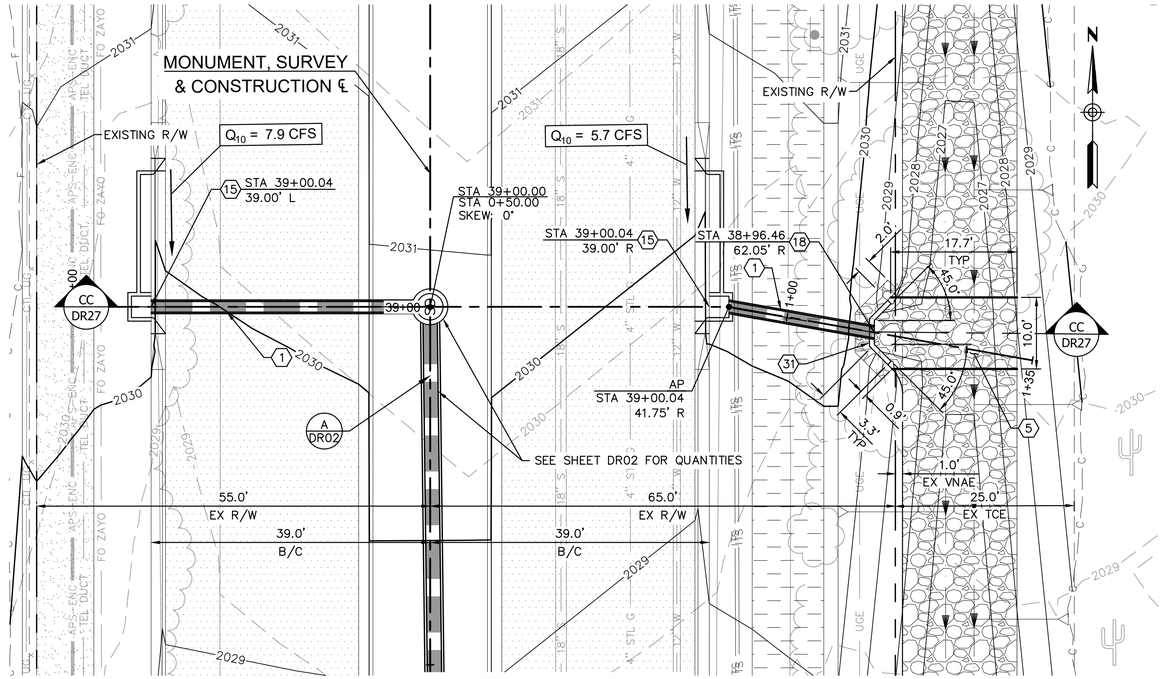
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PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

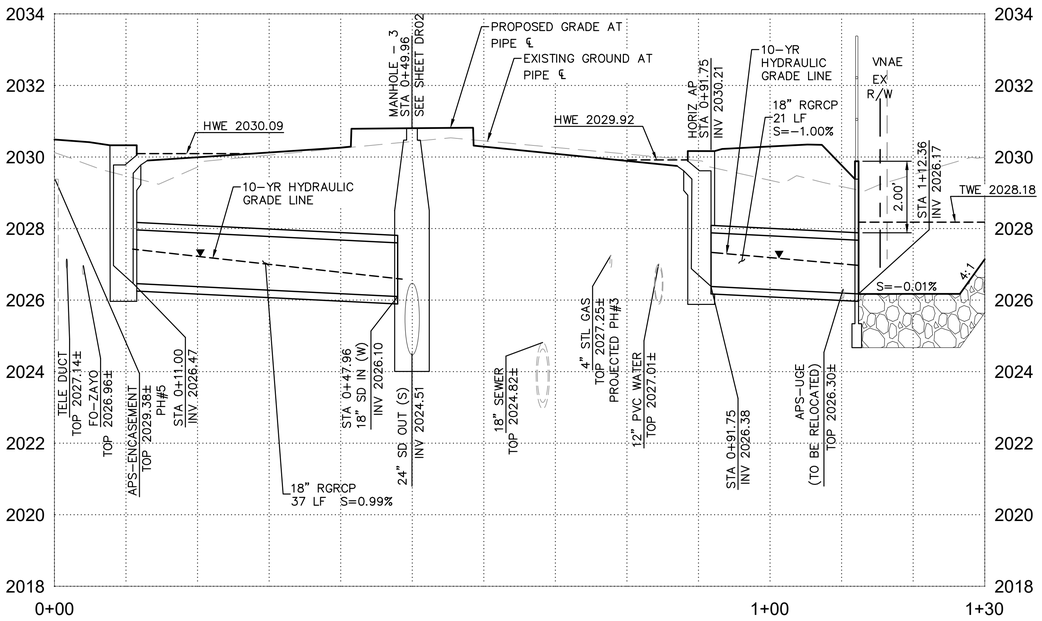
2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

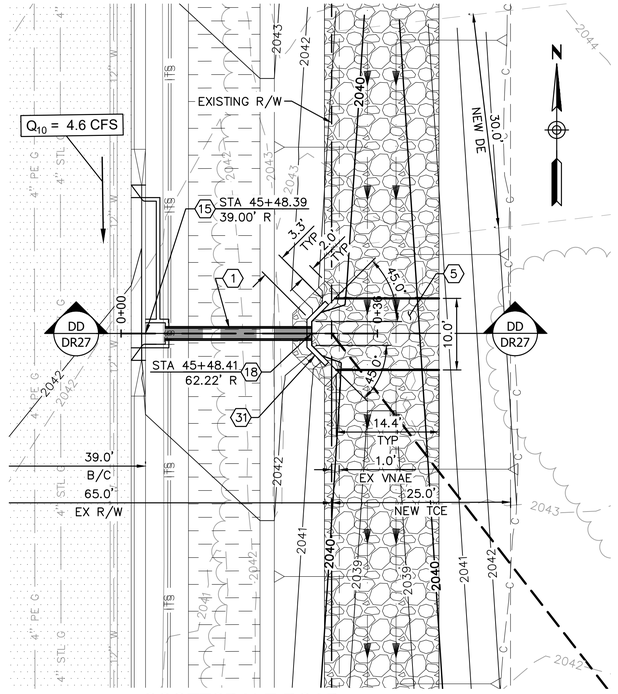
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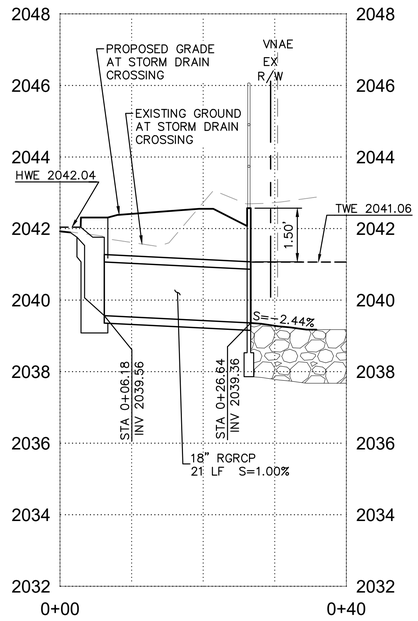
SCOTTSDALE ROAD
STA 39+00
STORM DRAIN PIPE CC-CC



STORM DRAIN PIPE CC-CC



SCOTTSDALE ROAD
STA 45+48
STORM DRAIN PIPE DD-DD



STORM DRAIN PIPE DD-DD

DRAINAGE NOTES			
NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	79	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	20	CY
15	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=17' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	3	EA
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	20	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV3–PV4 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS01 FOR SWALE PROFILE INFORMATION.

HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

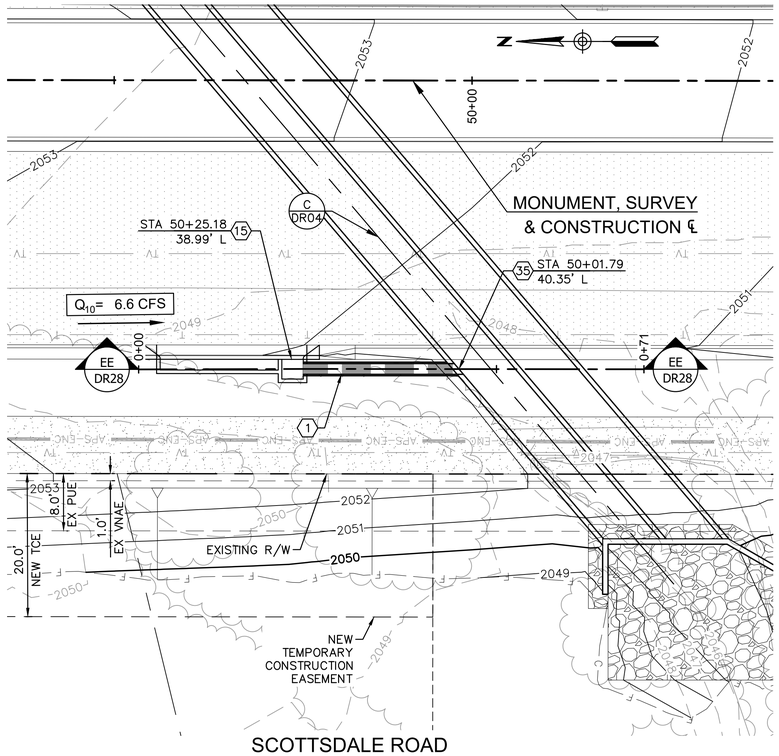
SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=10'	KA	09/2023		DR27
VERT.	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	116 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

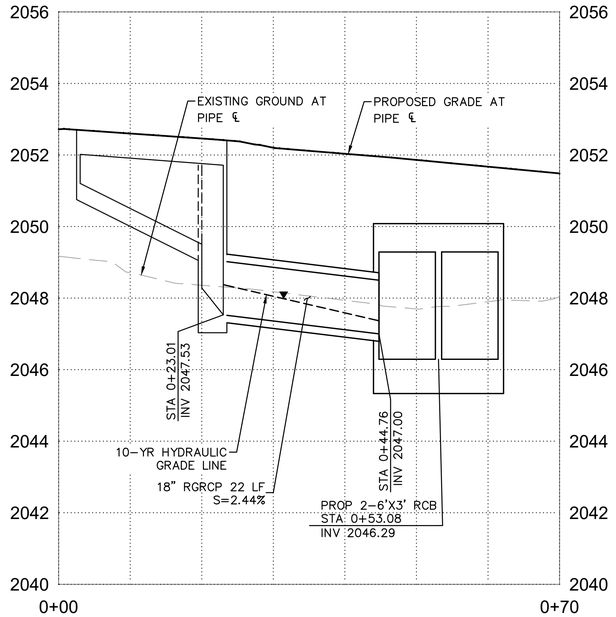
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2/27/24

PLOT DATE: Sep 26, 2023

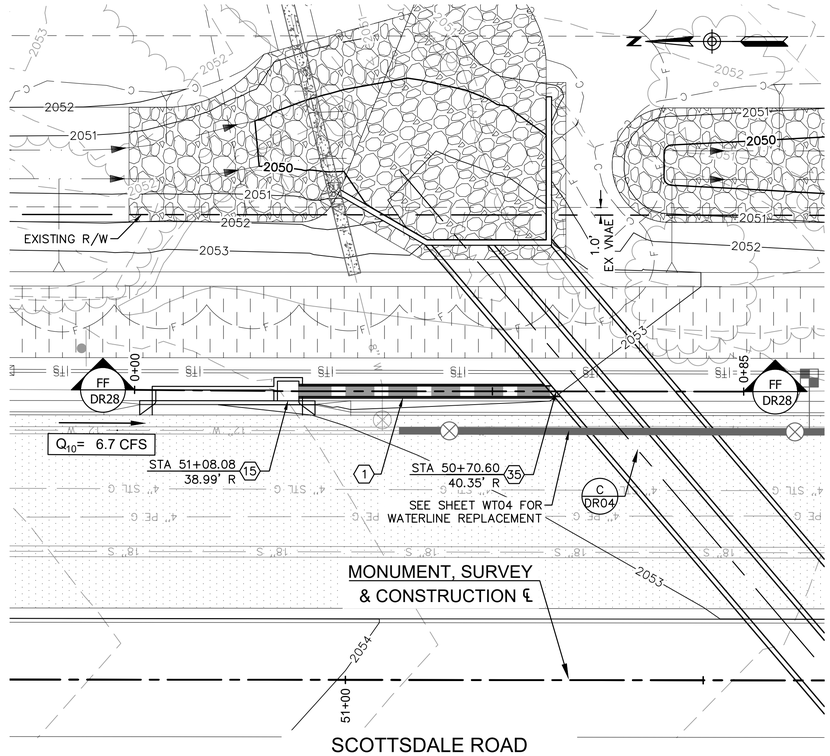
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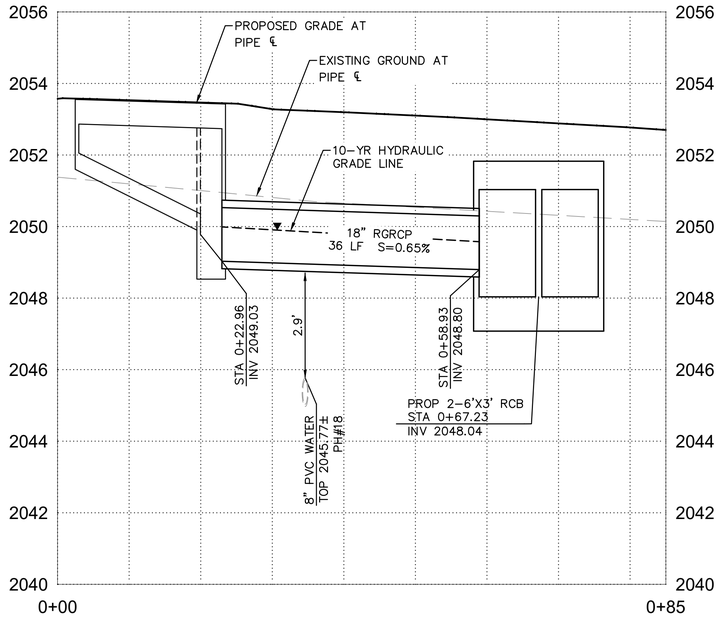
SCOTTSDALE ROAD
STA 50+25



SCOTTSDALE ROAD
STA 50+25
STORM DRAIN PIPE EE-EE



SCOTTSDALE ROAD
STA 51+08



SCOTTSDALE ROAD
STA 51+08
STORM DRAIN PIPE FF-FF

RPA AN ARDURRA COMPANY
602.263.1177
www.rpaeng.com
www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	58	LF
15	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=17' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	2	EA
35	PIPE/WALL PENETRATION PER DET 22 ON SHEET DT03 (NPI)	2	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV05 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS02 FOR SWALE PROFILE INFORMATION.
4. SEE SHEET WT04 FOR WATERLINE REPLACEMENT.

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

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ARIZONA 811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO.
27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE
ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PLOT

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

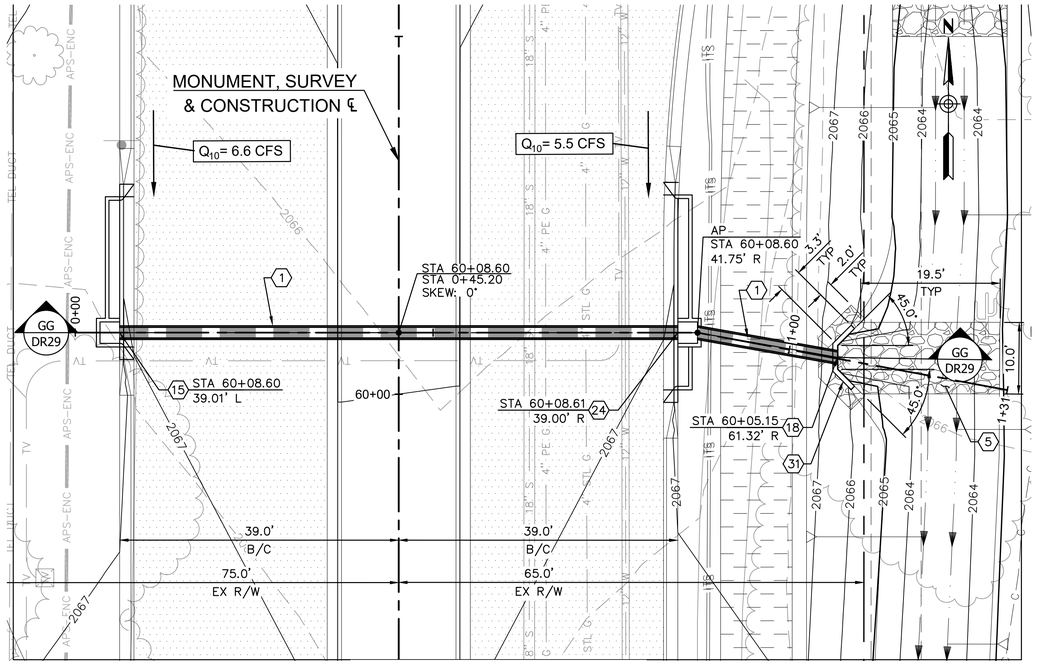
SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=10'	KA	09/2023		DR28
VERT.	DRAWN	AS-BUILT	COS PROJECT NO.	117 OF 299
	AH		SG05	

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

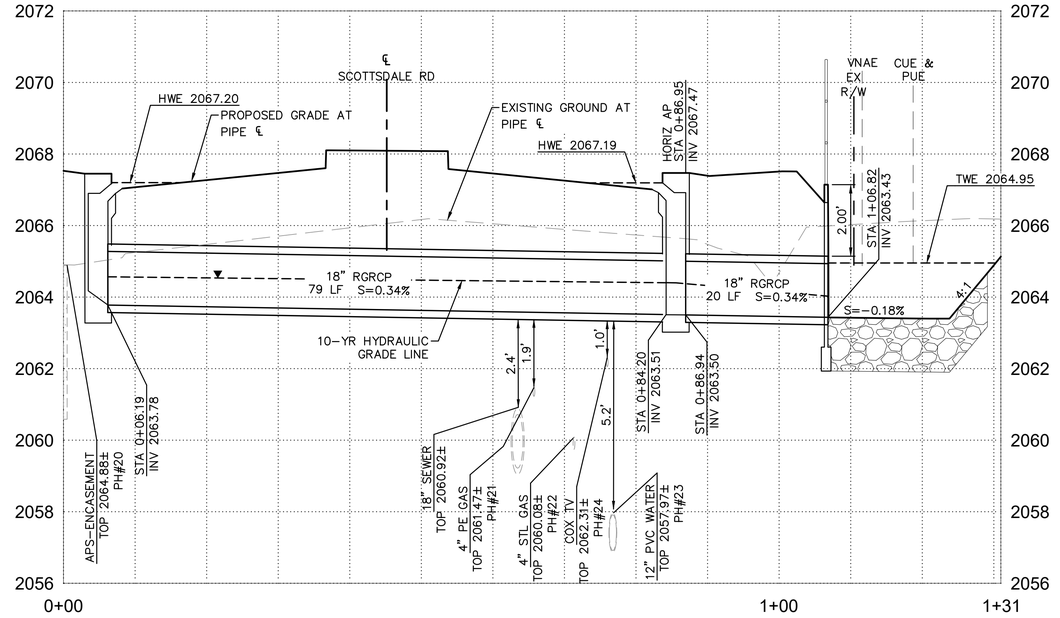
PLOT DATE: Sep 26, 2023

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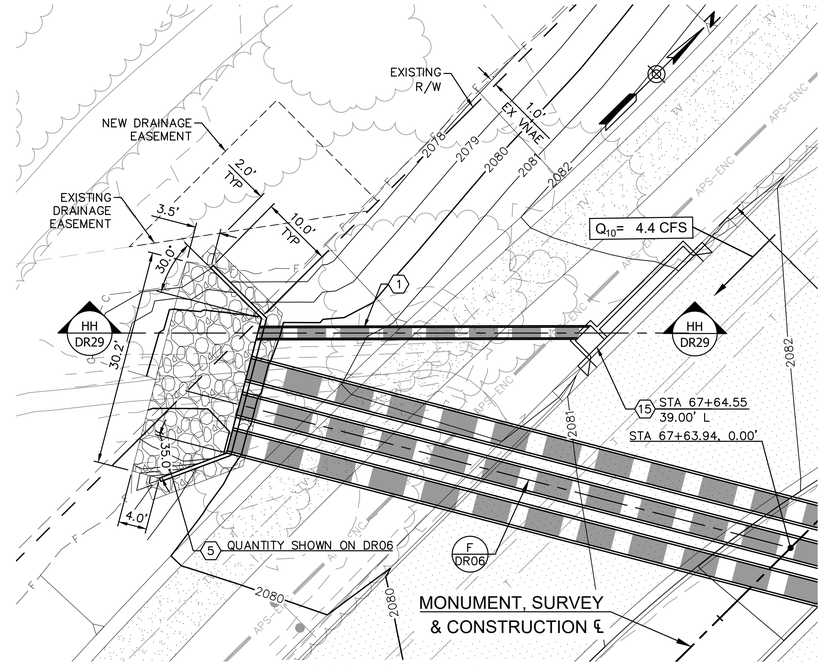
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2/27/24



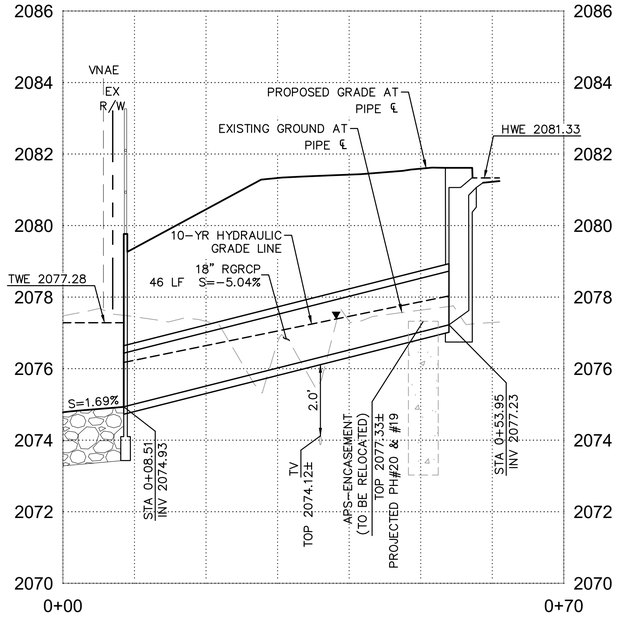
SCOTTSDALE ROAD
STA 60+08
STORM DRAIN PIPE GG-GG



STORM DRAIN PIPE GG-GG



SCOTTSDALE ROAD
STA 67+64
STORM DRAIN PIPE HH-HH



STORM DRAIN PIPE HH-HH

DRAINAGE NOTES			
NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	145	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	12	CY
15	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=17' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	2	EA
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
24	CATCH BASIN PER COP STD DET P1569-1 - "M-2" TYPE, L=17' UPSTREAM AND L=6' DOWNSTREAM WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	1	EA
31	HANDRAIL PER COS STD DET 2508	10	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV07 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS02 FOR SWALE PROFILE INFORMATION.

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

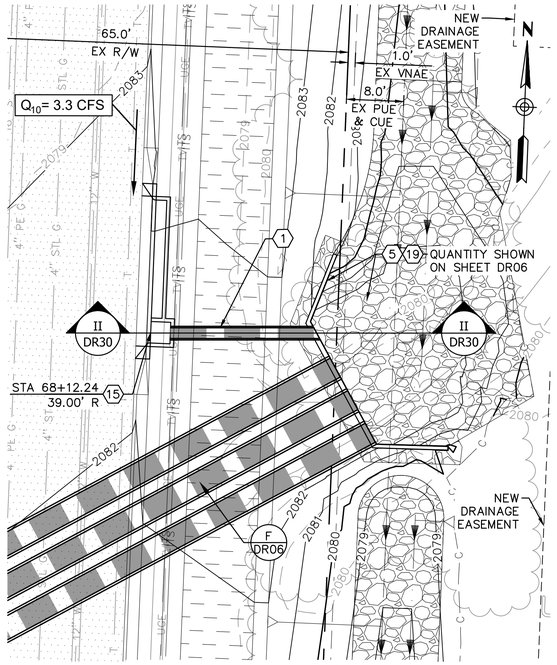
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HORIZ. 1"=10'	KA	09/2023		DR29
VERT.	DRAWN	AS-BUILT	COS PROJECT NO.	118 OF 299
	AH		SG05	

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

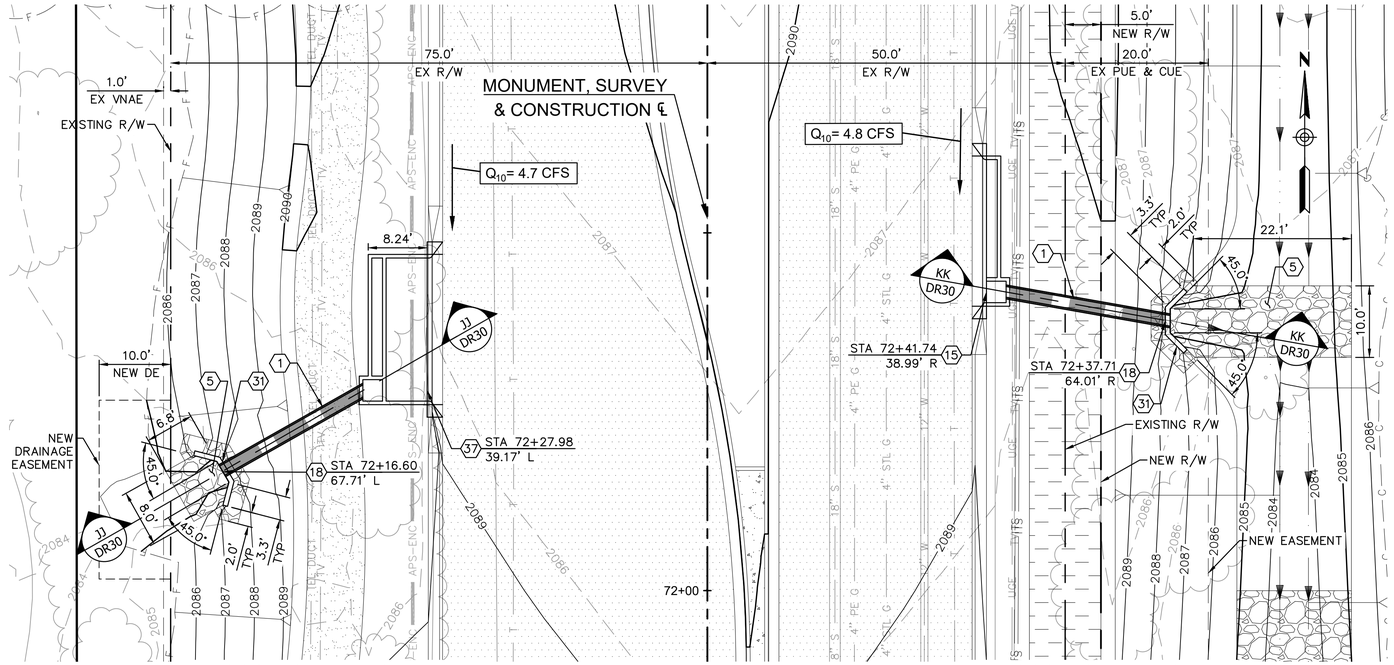
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2/27/24

PLOT DATE: Sep 26, 2023

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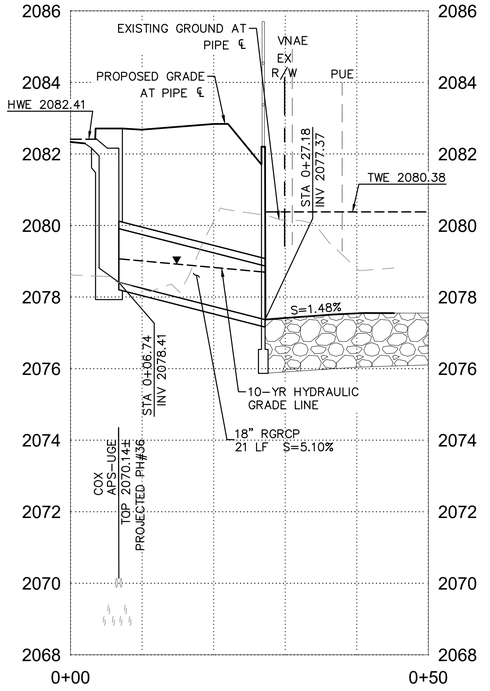


SCOTTSDALE ROAD
STA 68+12
STORM DRAIN PIPE II-II

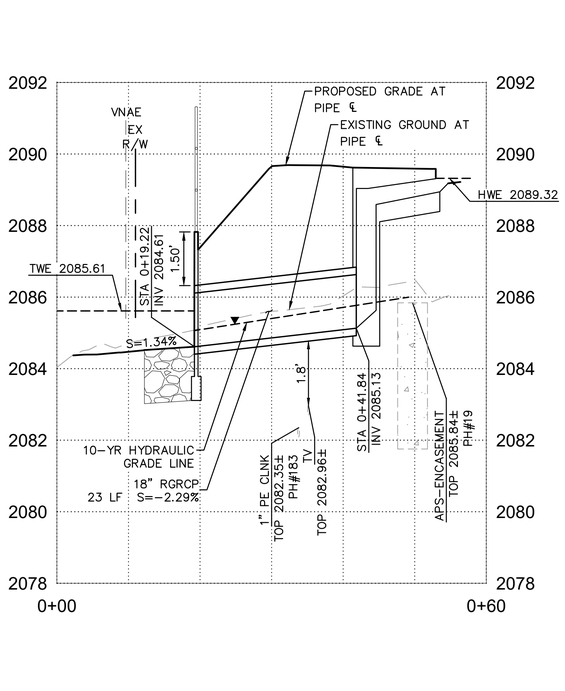


SCOTTSDALE ROAD
STA 72+31
STORM DRAIN PIPE JJ-JJ

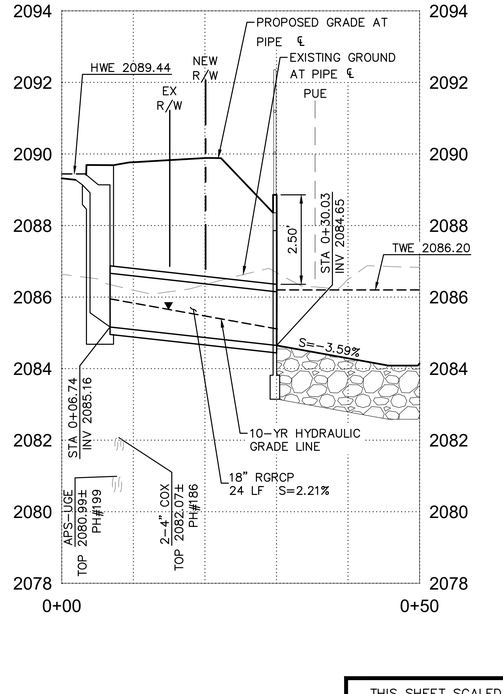
SCOTTSDALE ROAD
STA 72+41
STORM DRAIN PIPE KK-KK



STORM DRAIN PIPE II-II



STORM DRAIN PIPE JJ-JJ



STORM DRAIN PIPE KK-KK

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	68	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	16	CY
15	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=17' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	2	EA
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	---	EA
31	HANDRAIL PER COS STD DET 2508	22	LF
37	CATCH BASIN PER COP STD DET P1569-1 - "M-1" TYPE, MODIFIED TOP PER DET 14 ON SHT DT02, L=17' UPSTREAM WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	1	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV09–PV10 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS03 FOR SWALE PROFILE INFORMATION.

HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO. 27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

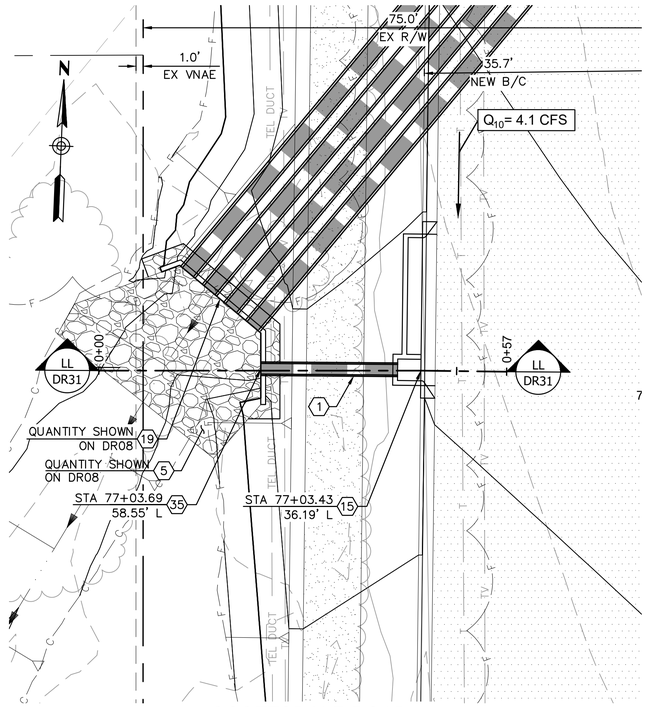
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HORIZ. 1"=10'	KA			DR30
VERT.	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	119 OF 299

PLOT DATE: Sep 26, 2023

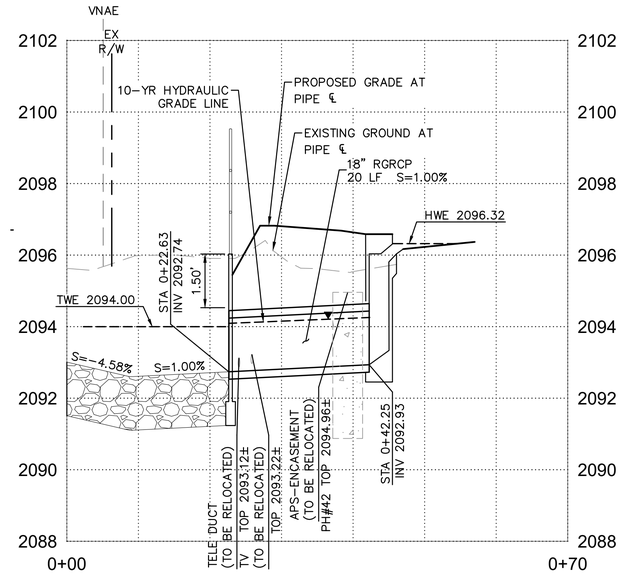
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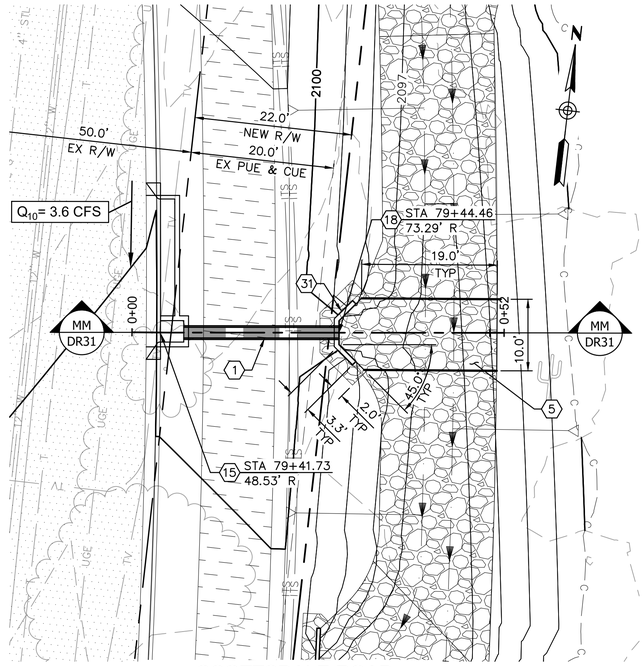
PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24

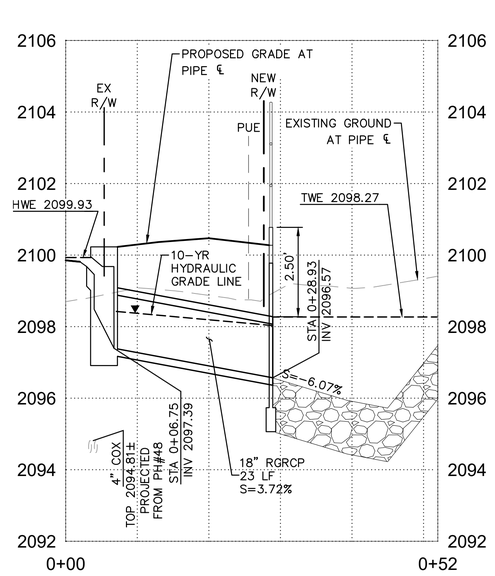


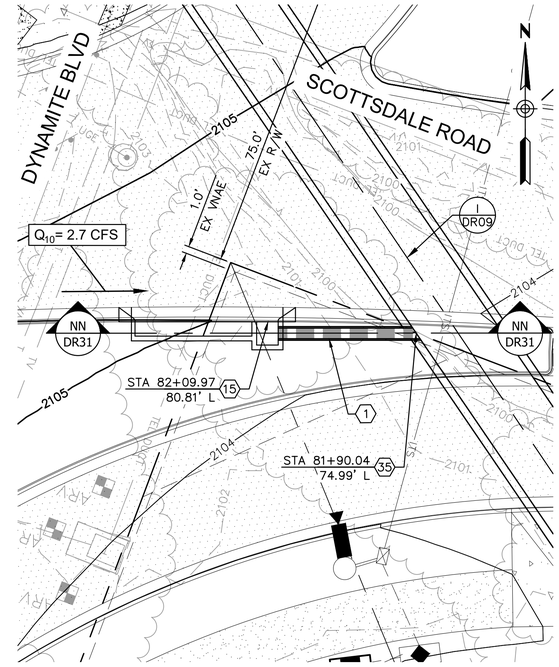
SCOTTSDALE ROAD
STA 77+03
STORM DRAIN PIPE LL-LL



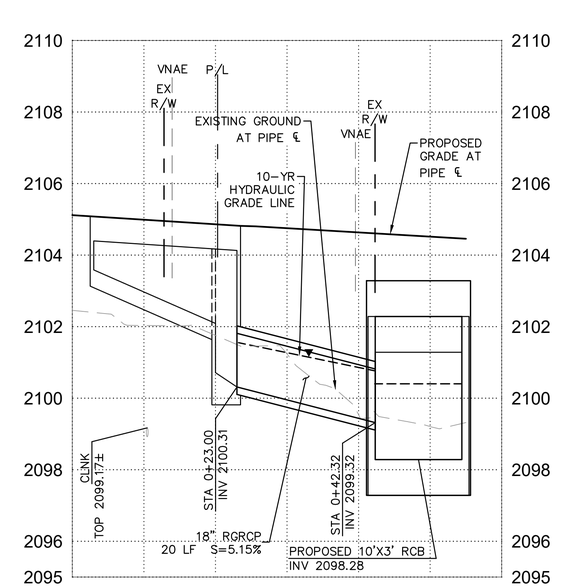


SCOTTSDALE ROAD
STA 79+41
STORM DRAIN PIPE MM-MM





SCOTTSDALE ROAD
STA 82+09
STORM DRAIN PIPE NN-NN



THIS SHEET SCALED FOR 24"X36" BORDER

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www.rpaeng.com
www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	63	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	12	CY
15	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=17' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	3	EA
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
31	HANDRAIL PER COS STD DET 2508	11	LF
35	PIPE/WALL PENETRATION PER DET 22 ON SHEET DT03 (NPI)	2	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV11–PV12 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS03 FOR SWALE PROFILE INFORMATION.

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO.
27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE
ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

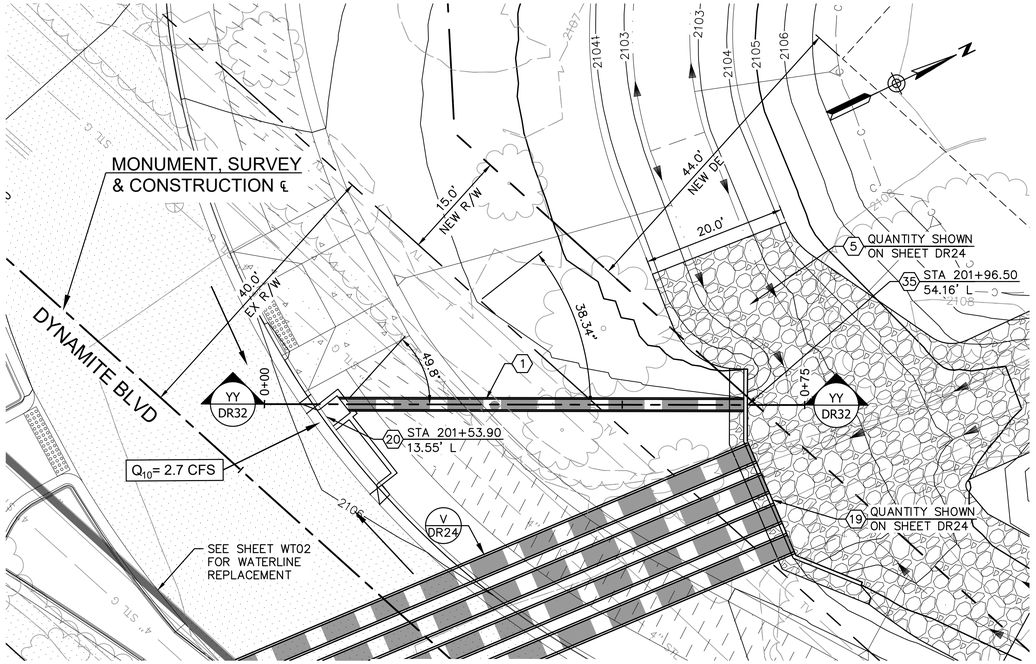
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HORIZ. 1"=10'	KA			DR31
VERT.	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	120 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

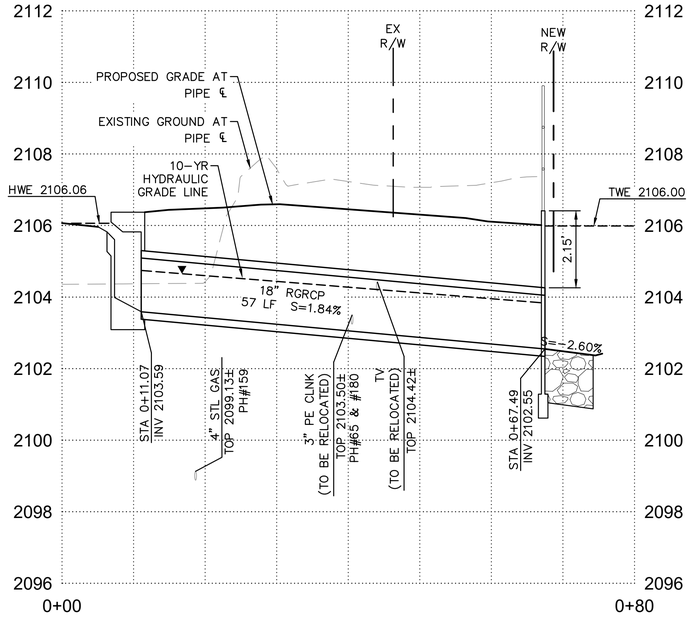
PLOT DATE: Sep 26, 2023

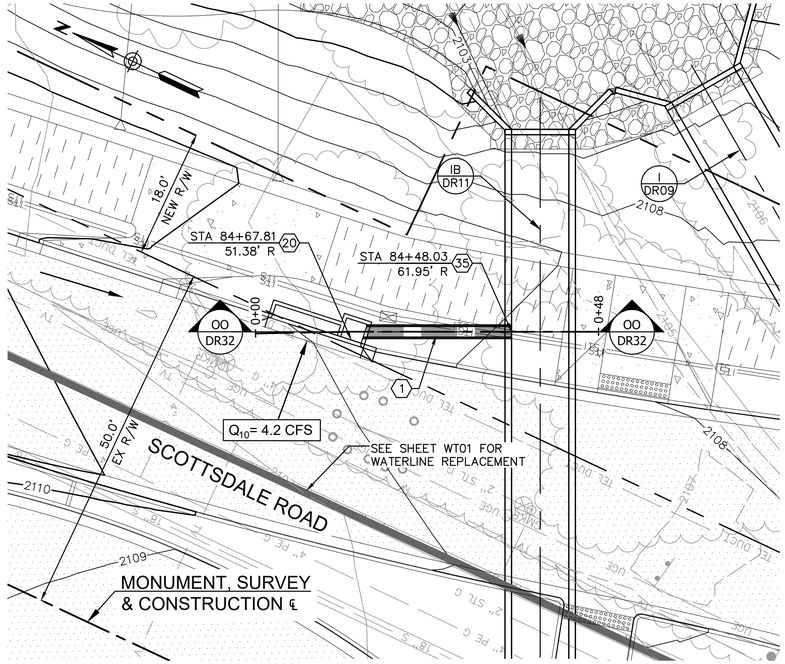
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2/27/24

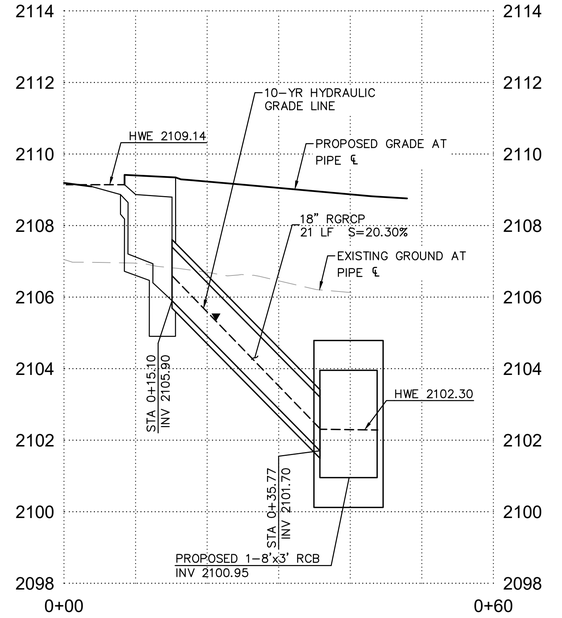


DYNAMITE BLVD
STA 201+54
STORM DRAIN PIPE YY-YY





SCOTTSDALE ROAD
STA 84+67
STORM DRAIN PIPE OO-OO



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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	78	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	--	CY
19	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, MODIFIED WING LENGTH PER PLAN, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	--	EA
20	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=10' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	2	EA
31	HANDRAIL PER COS STD DET 2508	--	LF
35	PIPE/WALL PENETRATION PER DET 22 ON SHEET DT03 (NPI)	2	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV11-PV12 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS03 FOR SWALE PROFILE INFORMATION.
4. SEE SHEET WT01-WT02 FOR WATER LINE REPLACEMENTS

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

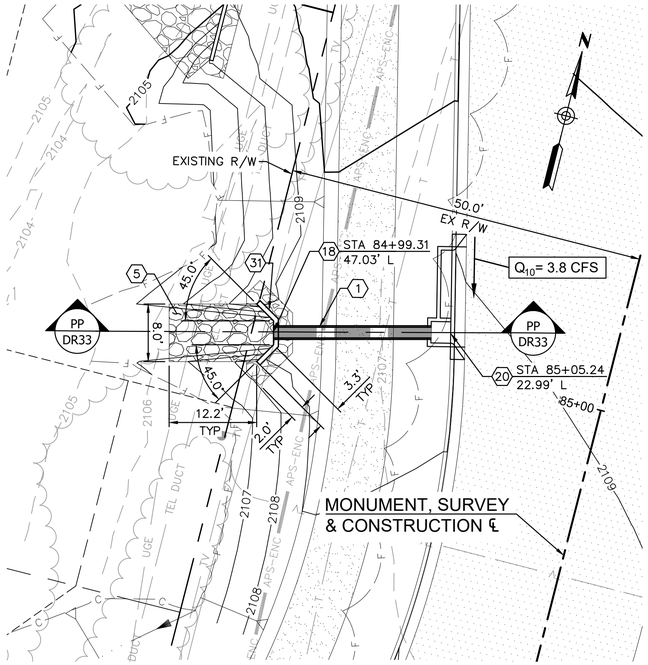
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HORIZ. 1"=10'	KA			DR32
VERT.	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	121 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

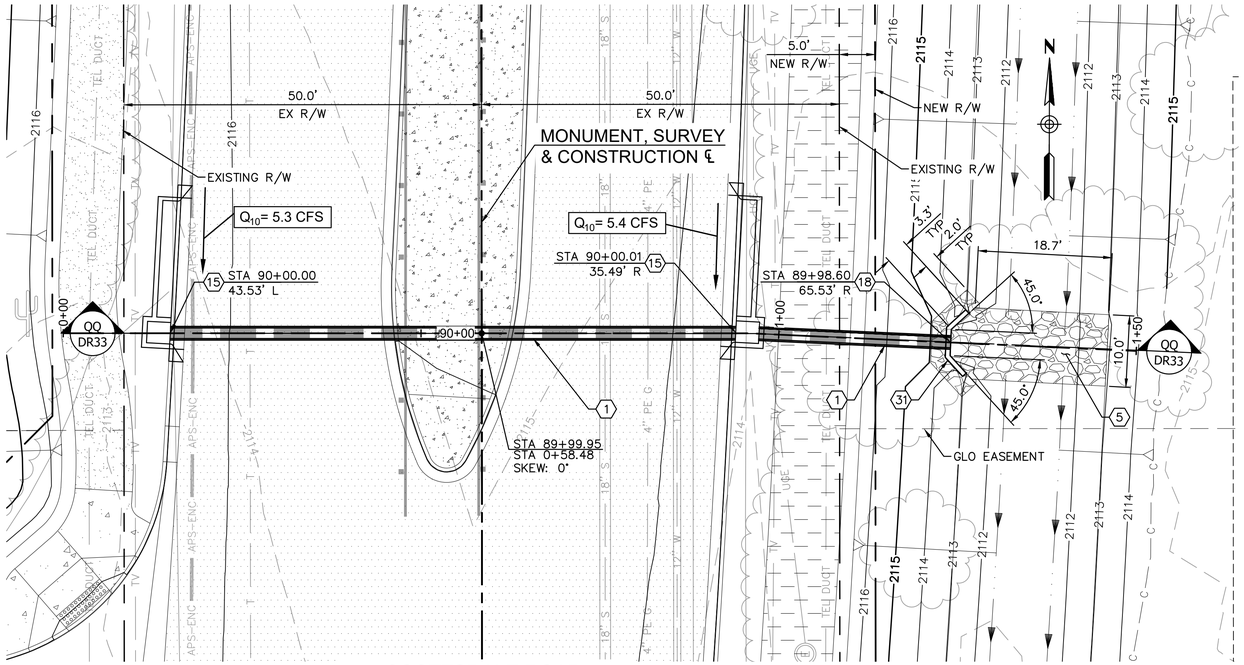
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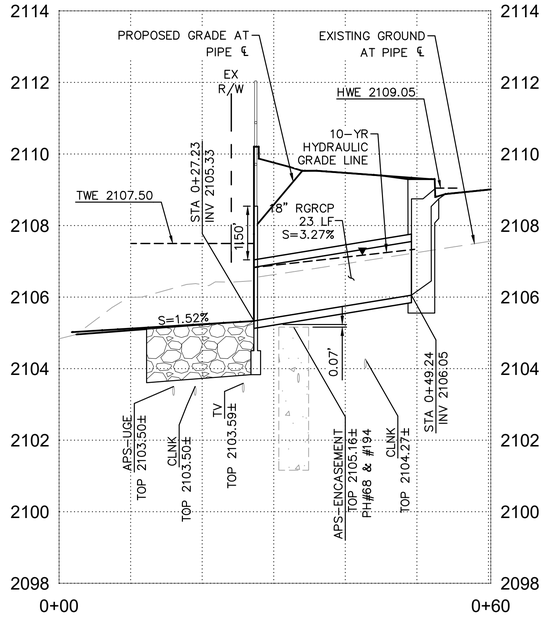
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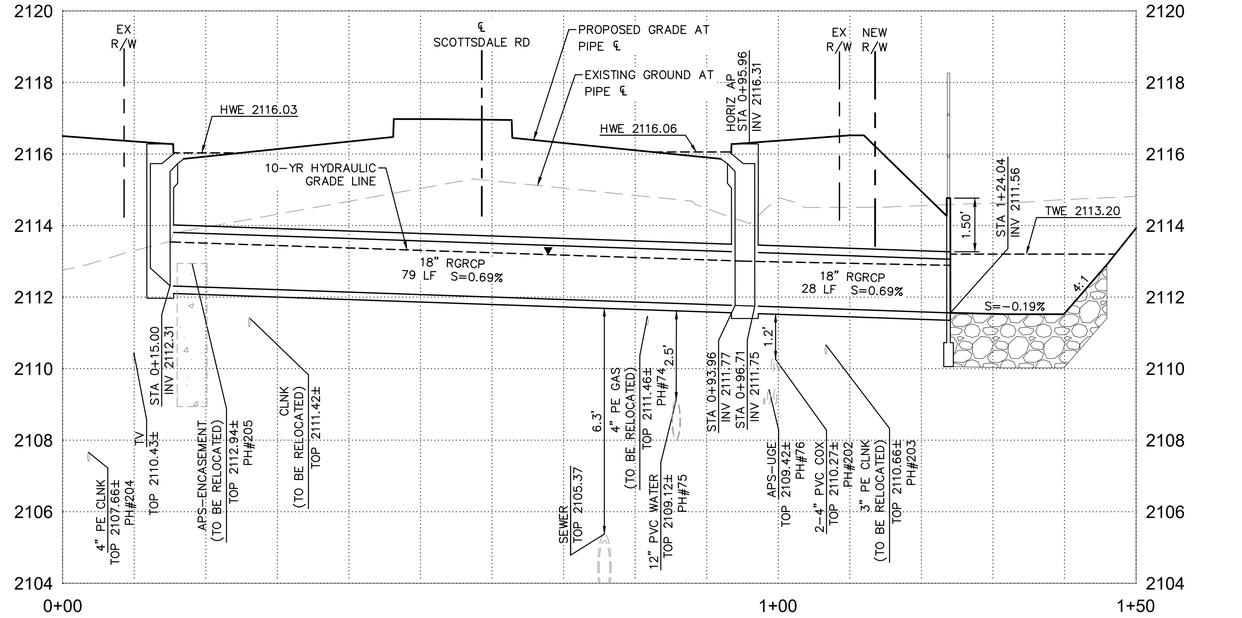
SCOTTSDALE ROAD
STA 85+05
STORM DRAIN PIPE PP-PP



SCOTTSDALE ROAD
STA 90+00
STORM DRAIN PIPE QQ-QQ



STORM DRAIN PIPE PP-PP



STORM DRAIN PIPE QQ-QQ

THIS SHEET SCALED FOR 24"X36" BORDER

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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	130	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	18	CY
15	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=17' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	2	EA
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
20	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=10' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	1	EA
31	HANDRAIL PER COS STD DET 2508	22	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV11 AND PV13 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS04 FOR SWALE PROFILE INFORMATION.

HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO. 27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE
ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

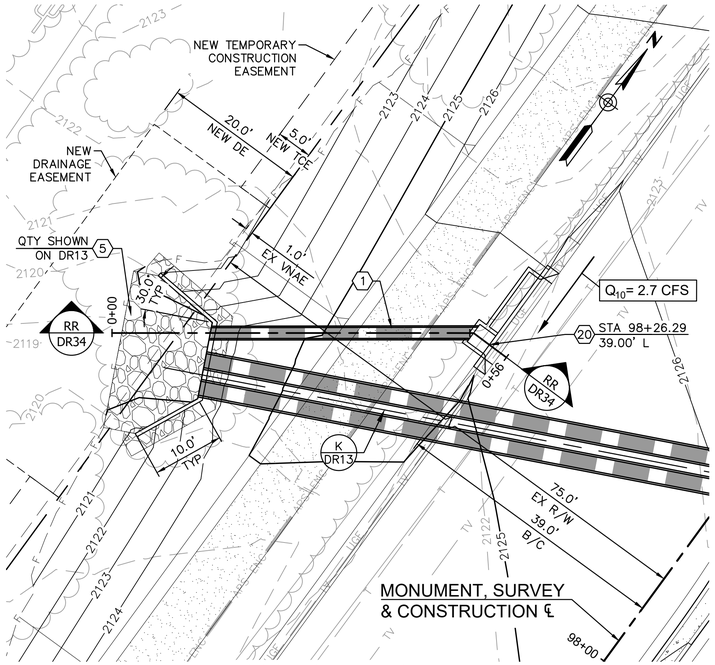
PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=10'	KA	09/2023		DR33
VERT.	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	122 OF 299

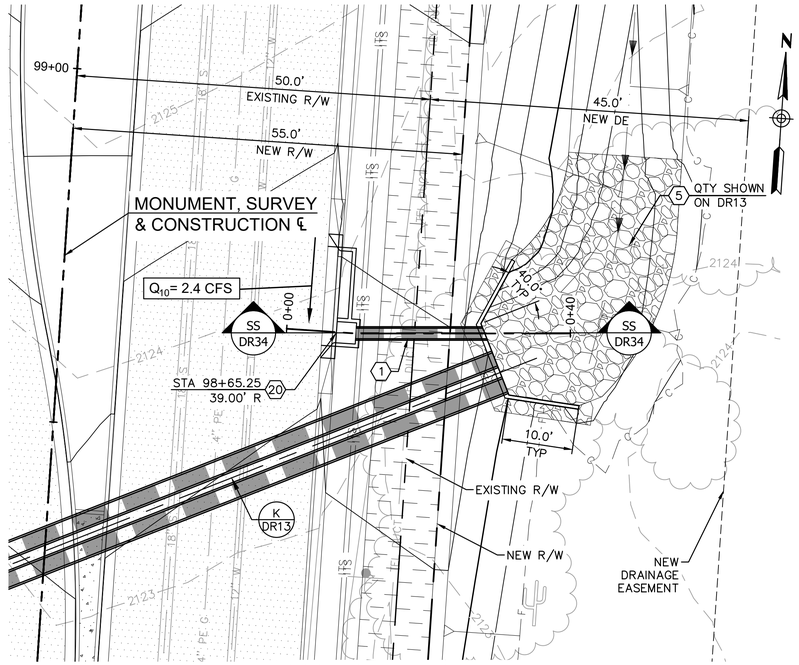
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PLOT DATE: Sep 26, 2023

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

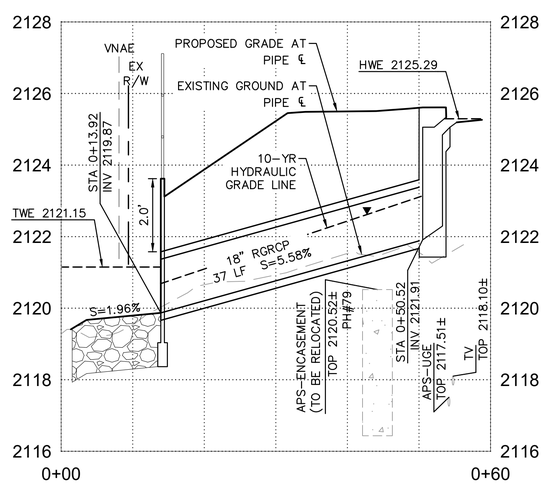
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2/27/24



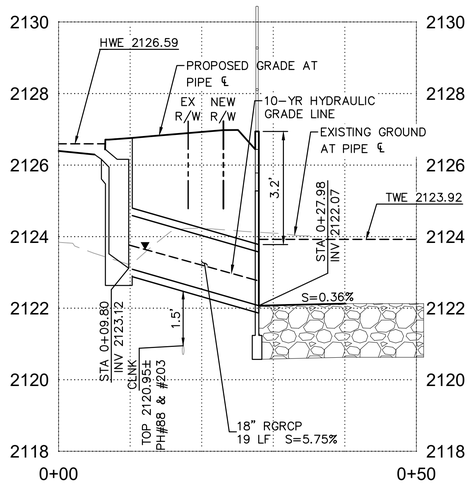
SCOTTSDALE ROAD
STA 98+26
STORM DRAIN PIPE RR-RR



SCOTTSDALE ROAD
STA 98+65
STORM DRAIN PIPE SS-SS



STORM DRAIN PIPE RR-RR



STORM DRAIN PIPE SS-SS

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602.263.1177
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www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	56	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	---	CY
20	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=10' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	2	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV15 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS04 FOR SWALE PROFILE INFORMATION.

0 5 10 20
HORIZONTAL 1"= 10'
VERTICAL 1"= 2'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer CERTIFICATE NO. 27556 RAJU C. SHAH Date Signed ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

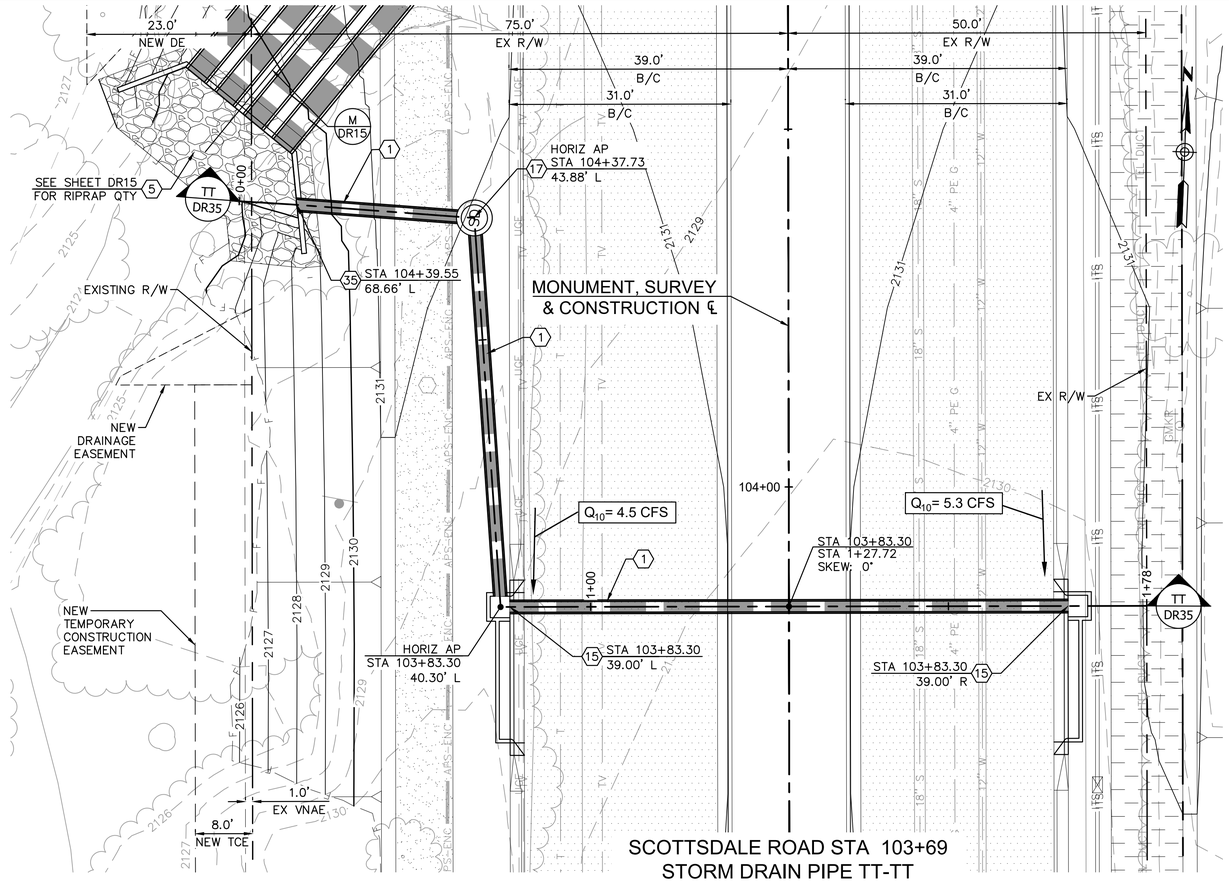
SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ. 1"=10'	KA			DR34
VERT.	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	123 OF 299

PLOT DATE: Sep 26, 2023

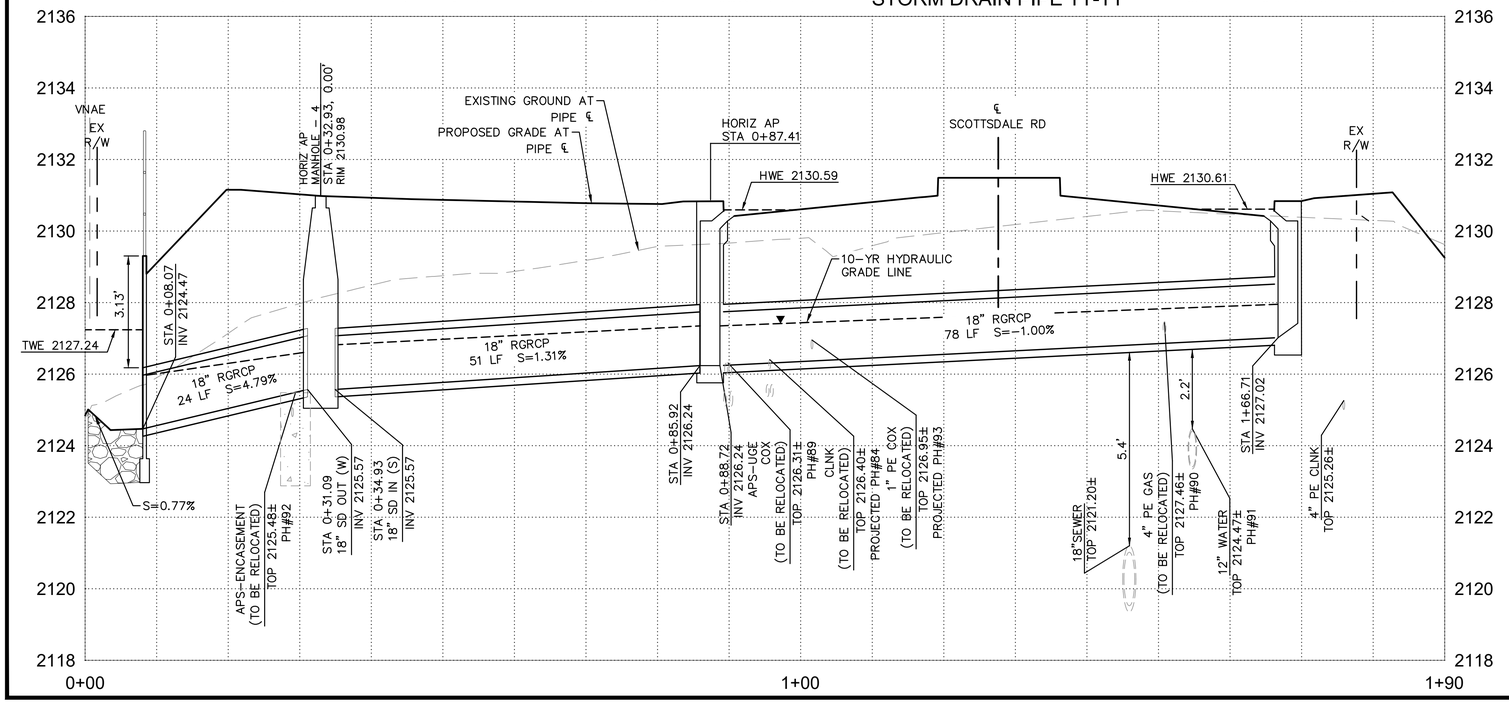
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PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

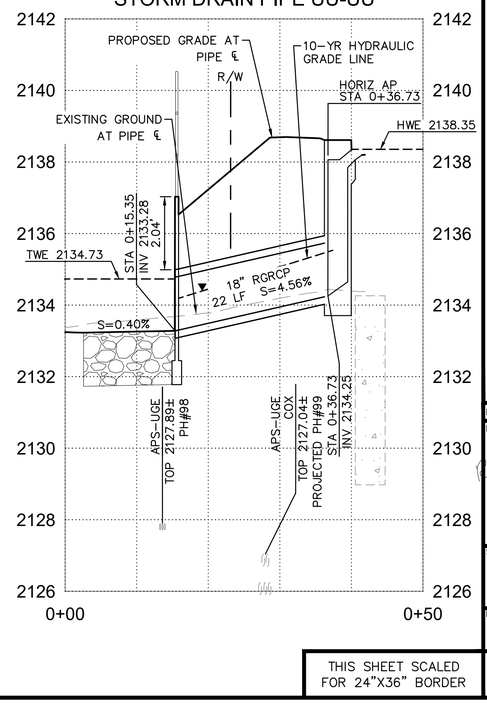
2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 103+69
STORM DRAIN PIPE TT-TT



SCOTTSDALE ROAD STA 110+56
STORM DRAIN PIPE UU-UU



NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV16–PV17 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS05 FOR SWALE PROFILE INFORMATION.

HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

THIS SHEET SCALED FOR 24"X36" BORDER

RPA AN ARDURRA COMPANY
602.263.1177
www.rpaeng.com
www.ardurra.com

DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	175	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	--	CY
15	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=17' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	3	EA
17	48" DIAMETER MANHOLE PER MAG STD DET 520 & 522 WITH LID PER COS STD DET 2520 (30" LID)	1	EA
35	PIPE/WALL PENETRATION PER DET 22 ON SHEET DT03 (NPI)	1	EA

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO.
27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

CITY OF SCOTTSDALE
ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

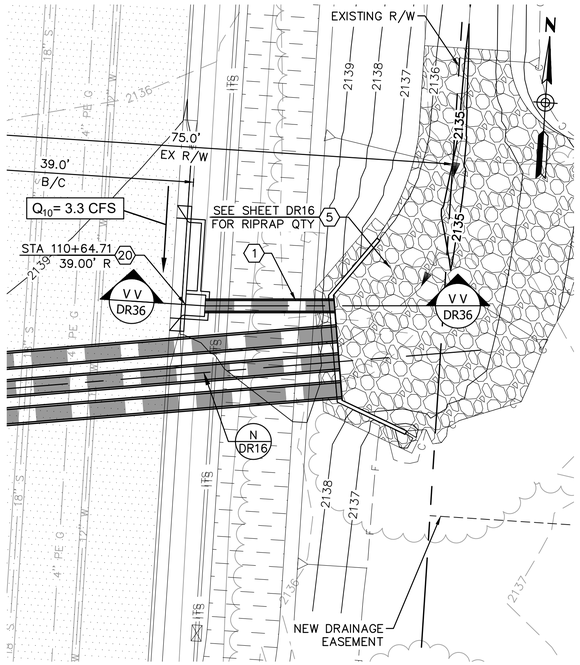
SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ. 1"=10'	KA			DR35
VERT. 1"=2'	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	124 OF 299

PLOT DATE: Sep 26, 2023

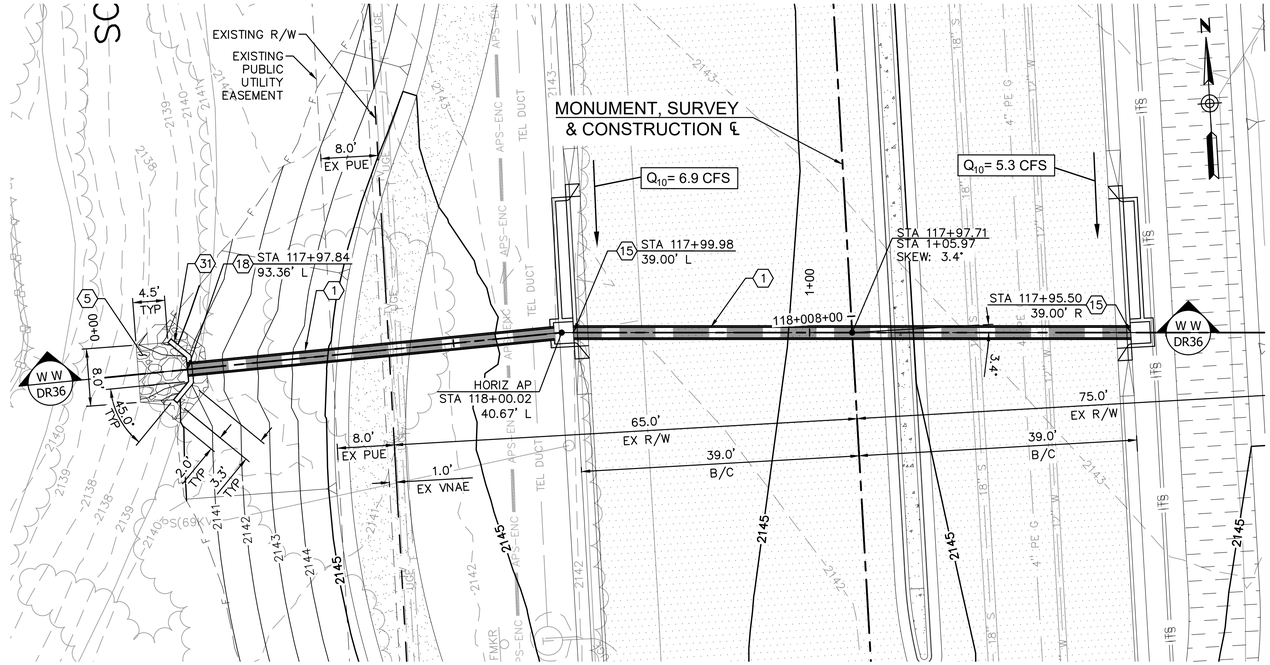
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PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

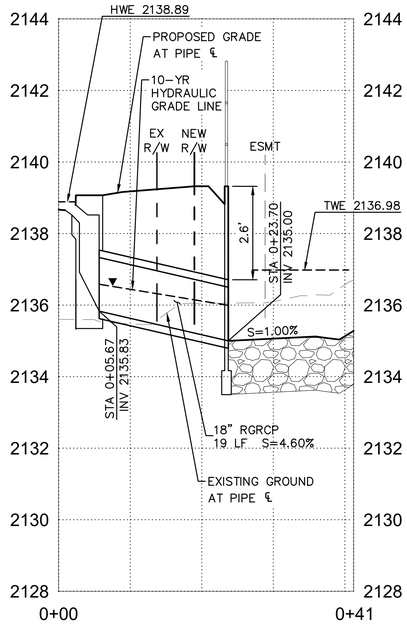
2-DR-2024
2/27/24

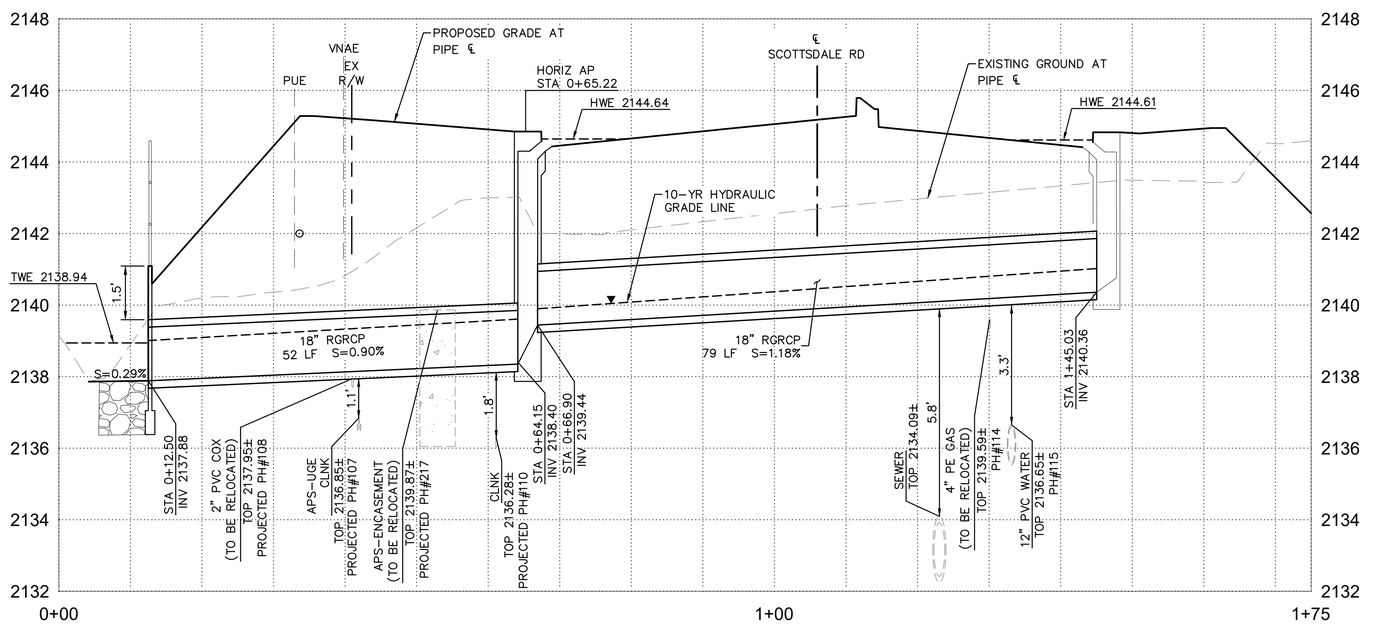


SCOTTSDALE ROAD STA 110+64
STORM DRAIN PIPE VV-VV



SCOTTSDALE ROAD STA 117+97
STORM DRAIN PIPE WW-WW





DRAINAGE NOTES			
NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	150	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	3	CY
15	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=17' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	2	EA
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
20	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=10' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	1	EA
31	HANDRAIL PER COS STD DET 2508	11	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEETS PV17 AND PV19 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS05 FOR SWALE PROFILE INFORMATION.

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO.
27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

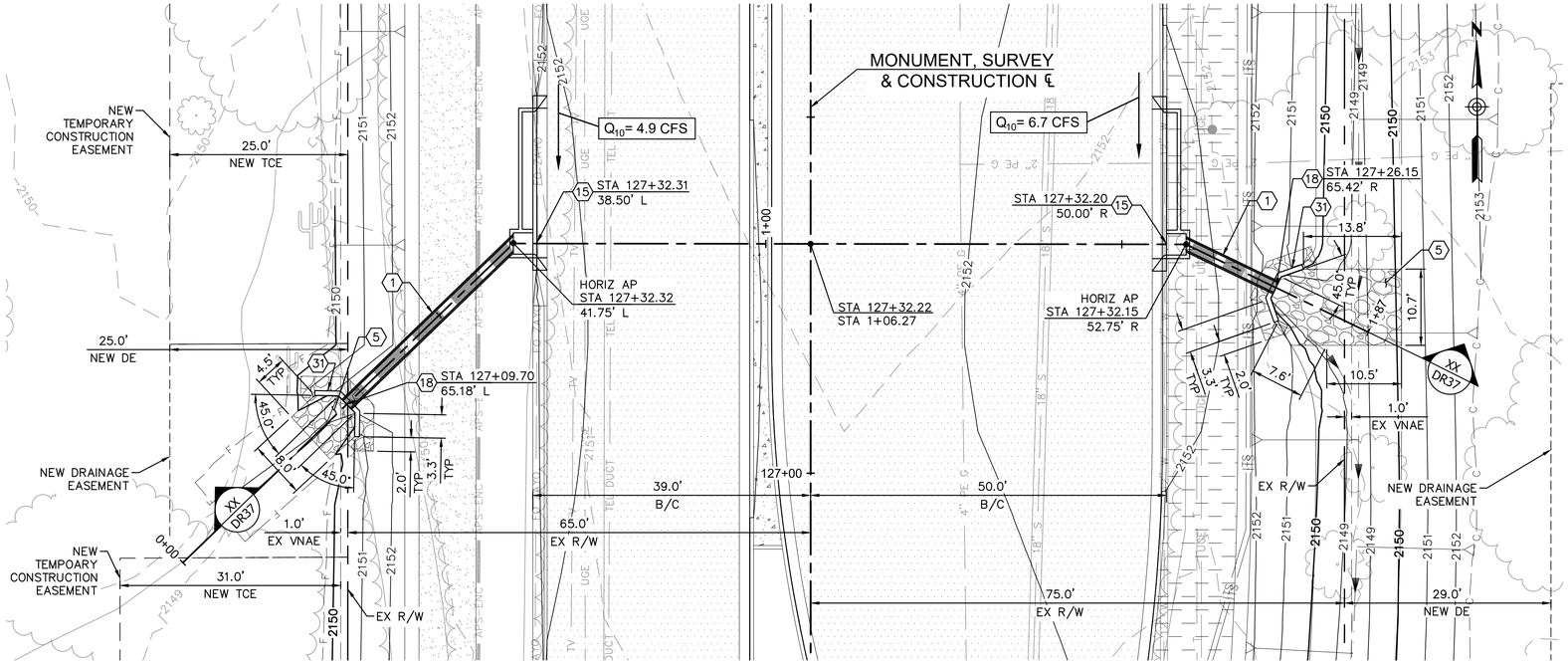
SHEET TITLE
DRAINAGE
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

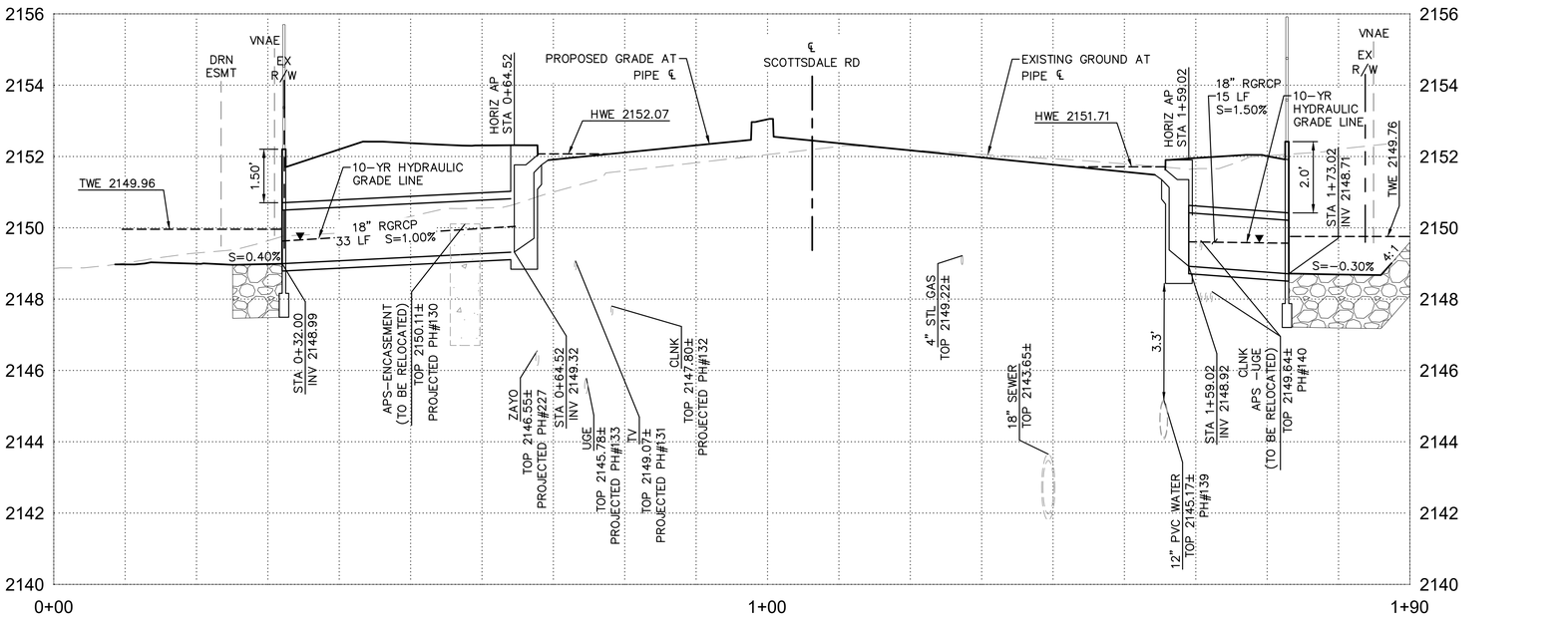
THIS SHEET SCALED FOR 24"X36" BORDER

SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ. 1"=10'	KA			DR36
VERT.	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	125 OF 299

PLOT DATE: Sep 26, 2023
FILE: P:\Projects\2020\220087 - Scottsdale Rd - Jomax - Dixileta\CAD Files\Sheets\125-220087-DR36.dwg
PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)
2-DR-2024
2/27/24



SCOTTSDALE ROAD STA 127+32
STORM DRAIN PIPE XX-XX



DRAINAGE NOTES			
NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	48	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	13	CY
15	CATCH BASIN PER COP STD DET P1569-2 - "M-1" TYPE, L=17' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	2	EA
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	2	EA
31	HANDRAIL PER COS STD DET 2508	22	LF

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEET PV15 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET DS06 FOR SWALE PROFILE INFORMATION.

0 5 10 20
HORIZONTAL 1"=10'
VERTICAL 1"=2'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer
CERTIFICATE NO. 27556
RAJU C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE
PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

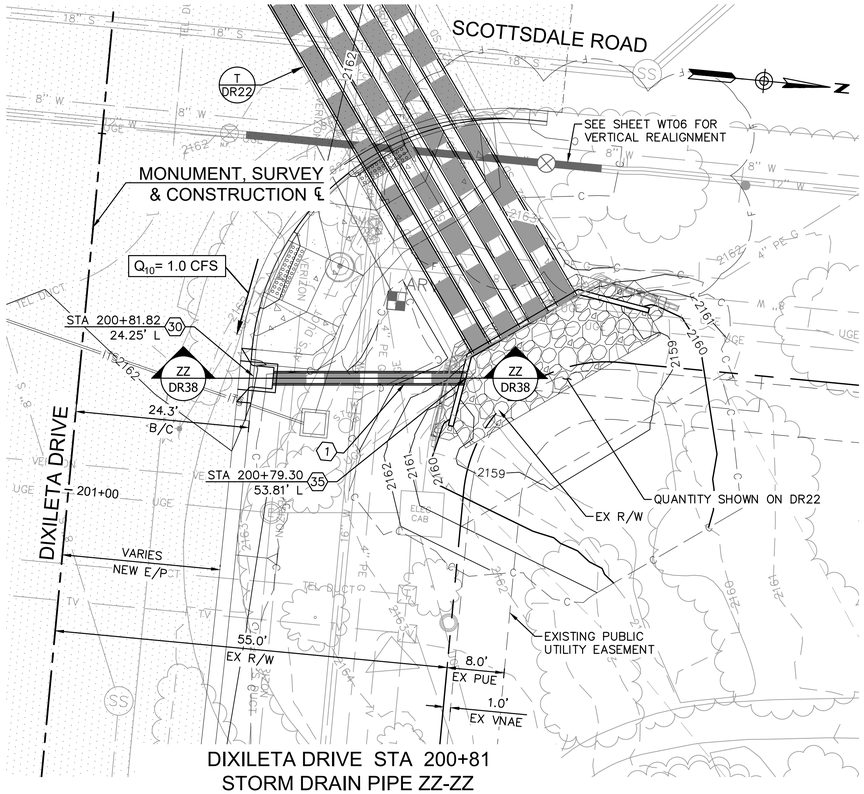
SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ. 1"=10'	KA			DR37
VERT.	DRAWN AH	AS-BUILT	COS PROJECT NO. SG05	126 OF 299

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

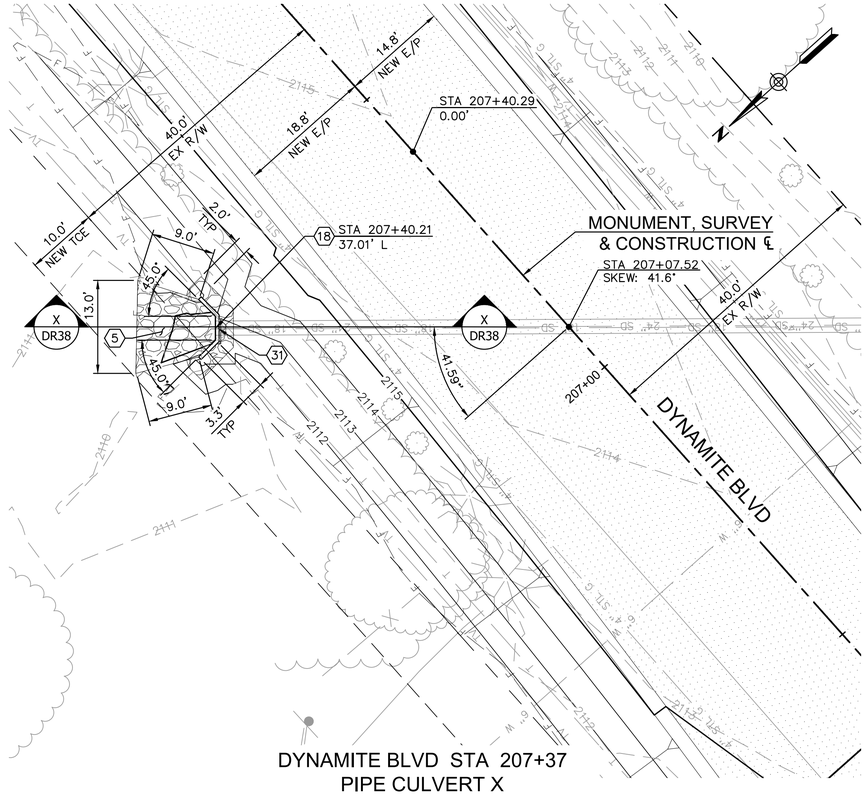
2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

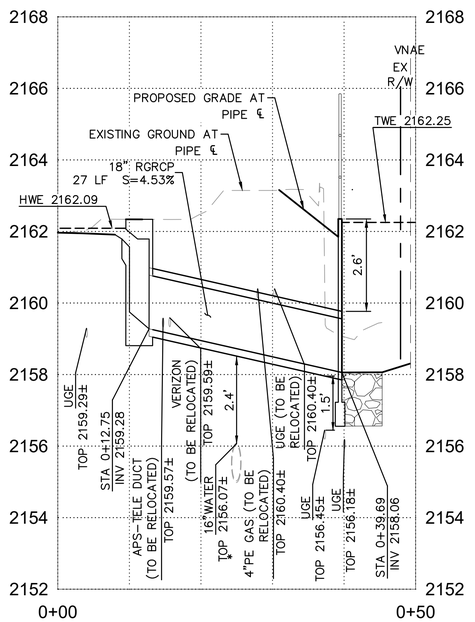
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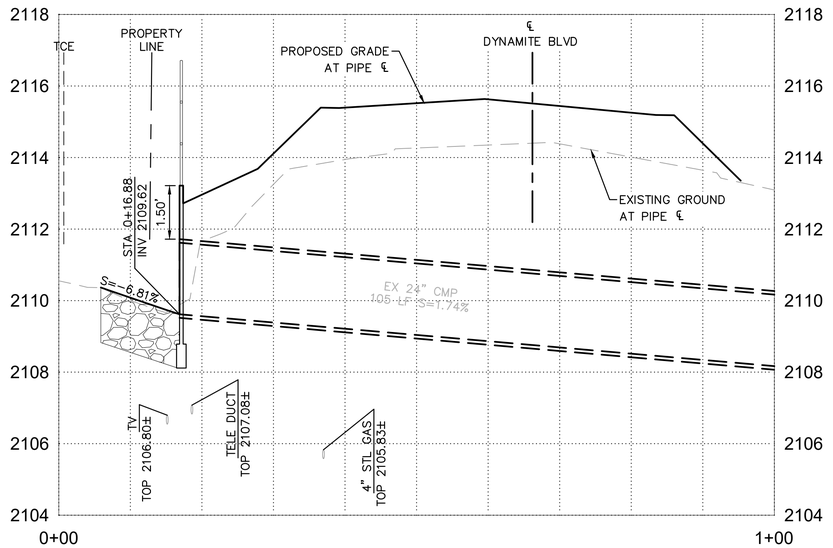
DIXILETA DRIVE STA 200+81
STORM DRAIN PIPE ZZ-ZZ



DYNAMITE BLVD STA 207+37
PIPE CULVERT X



NOTES:
* CONTRACTOR TO FIELD VERIFY EXISTING 16" WATERLINE & STRUCTURES. NOTIFY ENGINEER FOR THE APPROPRIATE ACTION REQUIRED TO RESOLVE ANY CONFLICTS.



DRAINAGE NOTES

NO.	DESCRIPTION	QTY	UNIT
1	18" RGRCP, CLASS V, TRENCHING AND BEDDING DETAIL PER COS STD DTL 2201 AND COS SPEC 601	27	LF
5	DUMPED RIPRAP, D50=9", THICKNESS=18"	6	CY
18	HEADWALL PER MAG STD DET 501-2, 'U' TYPE, STORM DRAIN INLET MARKER PER COS STD DET 2560-1 & 2560-2	1	EA
30	CATCH BASIN PER COP STD DET P1569-2 - "M" TYPE, L=0' WITH INLET MARKER PER COS STD DET 2560-1 & 2560-3	1	EA
31	HANDRAIL PER COS STD DET 2508	11	LF
35	PIPE/WALL PENETRATION PER DET 22 ON SHEET DT03 (NPI)	1	EA

NOTES:
1. SEE ROADWAY PLANS FOR ALL REMOVALS AND UTILITY RELOCATION.
2. SEE SHEET PV23 AND PV27 FOR ALL ROADWAY INFORMATION.
3. SEE SHEET WT06 FOR WATERLINE VERTICAL REALIGNMENT.

0 5 10 20
HORIZONTAL 1"= 10'
VERTICAL 1"= 2'

Contact Arizona 811 at least two full working days before you begin excavation
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil)
CERTIFICATE NO. 27556
RAJ C. SHAH
Date Signed
ARIZONA, U.S.A.
EXPIRES 12/31/2023

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
DRAINAGE PLAN & PROFILE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=10'	KA	09/2023		DR38
VERT.	DRAWN	AS-BUILT	COS PROJECT NO.	127 OF 299
	AH		SG05	

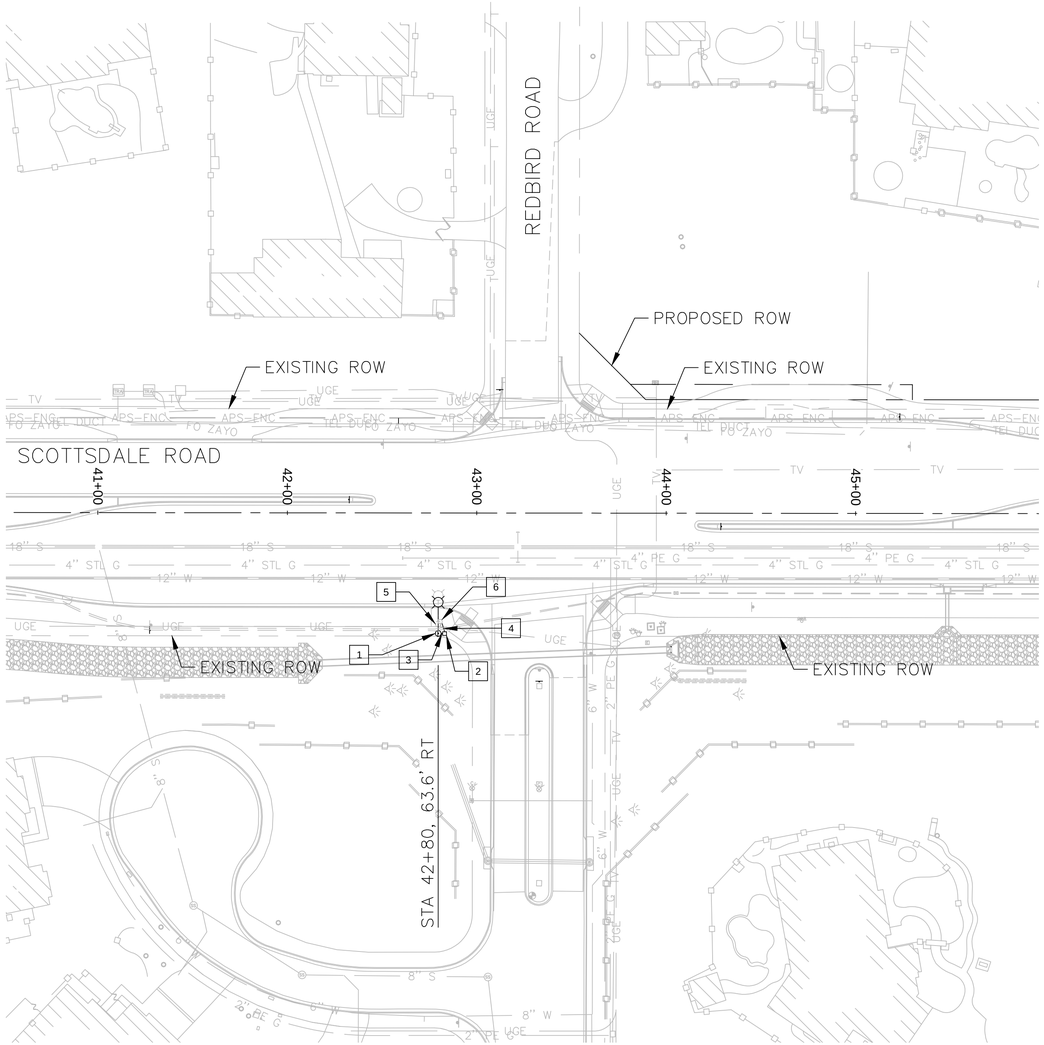
THIS SHEET SCALED FOR 24"X36" BORDER

PLAN REVIEW NO. 2522-22 (SUPERCEDES MAY 04, 2023)

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\Projects\2020\220087 – Scottsdale Rd – Jomax – Dixileta\CAD Files\Sheets\127-220087-DR38.dwg



40 0 40 80
HORIZ SCALE IN FEET

Stanley Consultants INC.
3133 E. CAMELBACK RD. SUITE 100
PHOENIX, ARIZONA 85016

LIGHTING CONSTRUCTION NOTES

1. INSTALL NEW LED FIXTURE ON NEW TYPE P-2 STREETLIGHT POLE AND FOUNDATION PER COS STD DETAILS 2171-1 AND 2171-2.
2. INSTALL APS PULL BOX (J-BOX) PER APS DETAILS AND SPECIFICATIONS.
3. APS TO INSTALL 1" CONDUIT FROM PULL BOX TO FUSE HOLDER IN STREETLIGHT PER APS DETAILS AND SPECIFICATIONS.
4. INSTALL 2 1/2" PVC CONDUIT WITH PULL ROPE.
5. EXISTING STREETLIGHT TO BE REMOVED.
6. EXISTING J-BOX TO BE REMOVED. ASSOCIATED CONDUIT AND CONDUCTORS TO REMAIN.

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil)
CERTIFICATE NO.
49996
NATALIE CARRICK
Date Signed 09/30/23
ARIZONA, U.S.A.

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LIGHTING PLAN
RED BIRD RD

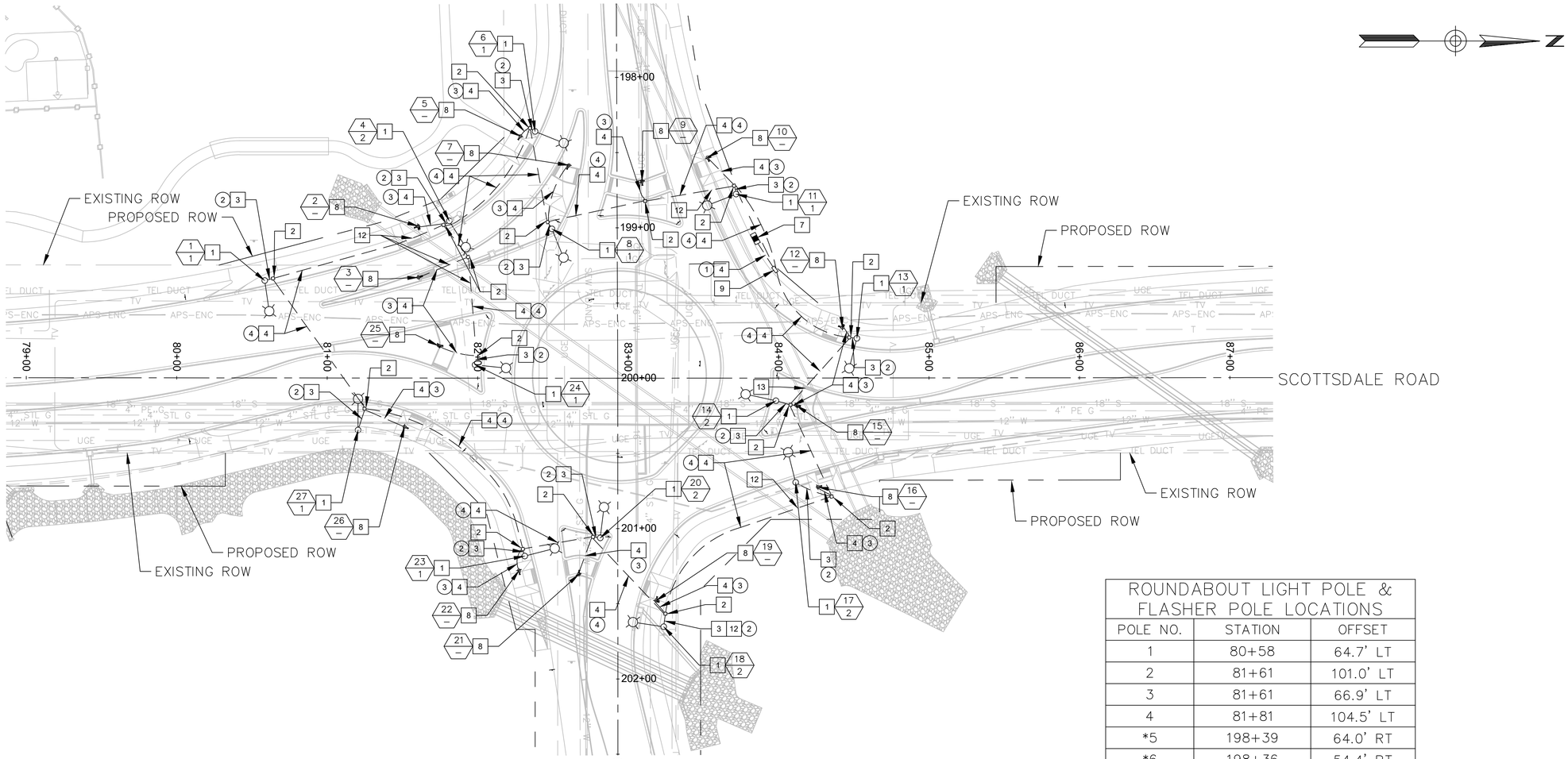
PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	DATE	BID NO.	SHT.
HORIZ. 1"=40'	NFC	09/23		LT02
VERT. N/A	DRAWN AMG	AS-BUILT	PROJECT NO.	168 OF 299

PLOT DATE: $$DATE$$ $$TIME$$
DESIGN FILE: $$DGN$$

2-DR-2024
2/27/24

PLOT DATE: $$DATE$$ $$TIME$$



ROUNDABOUT LIGHT POLE & FLASHER POLE LOCATIONS		
POLE NO.	STATION	OFFSET
1	80+58	64.7' LT
2	81+61	101.0' LT
3	81+61	66.9' LT
4	81+81	104.5' LT
*5	198+39	64.0' RT
*6	198+36	54.4' RT
*7	198+58	32.0' RT
*8	199+01	43.4' RT
*9	198+69	16.6' LT
*10	198+53	60.2' LT
*11	198+78	79.1' LT
12	84+43	33.4' LT
13	84+52	26.4' LT
14	83+98	15.1' RT
15	84+12	18.3' RT
16	84+26	72.5' RT
17	84+11	69.4' RT
*18	201+65	30.4' LT
*19	201+48	25.3' LT
*20	201+06	11.7' RT
*21	201+31	26.1' RT
*22	201+28	65.7' RT
*23	201+18	61.9' RT
24	81+98	8.8' LT
25	81.74	21.6' LT
26	81+51	32.4' RT
27	81+20	34.6' RT

*STATIONED OFF DYNAMITE BOULEVARD CL

ROUNDABOUT LIGHTING AND FLASHER CONDUCTOR SCHEDULE					
	CONDUIT RUN NUMBER	1	2	3	4
	CONDUIT SIZE IN INCHES	2.5	1	2.5	2.5
AWG	CIRCUIT PHASE				
#12	FLASHER	1		1	1
	LIGHTING (POLE TO PB)		2		
#10	LIGHTING CIRCUIT 1	2			2
	LIGHTING CIRCUIT 2	2			2
#6	BARE BOND	1	1	1	1

40 0 40 80
HORIZ SCALE IN FEET

DESIGN FILE: $$DGN$$

Stanley Consultants INC.
3133 E. CAMELBACK RD. SUITE 100
PHOENIX, ARIZONA 85016

LIGHTING CONSTRUCTION NOTES

1. INSTALL NEW LED FIXTURE ON NEW TYPE P-2 STREETLIGHT POLE AND FOUNDATION PER COS STD DETAILS 2171-1 AND 2171-2.
2. INSTALL APS PULL BOX (J-BOX) PER APS DETAILS AND SPECIFICATIONS.
3. APS TO INSTALL 1" CONDUIT FROM PULL BOX TO FUSE HOLDER IN STREETLIGHT PER APS DETAILS AND SPECIFICATIONS.
4. INSTALL 2 1/2" PVC CONDUIT WITH PULL ROPE.
7. INSTALL LOAD CENTER ON NEW FOUNDATION WITH SERVICE PAD. SERVICE ADDRESS: 28191 N SCOTTSDALE ROAD.
8. INSTALL NEW FLASHER BEACON SYSTEM ON NEW TYPE A POLE PER DETAIL ON SHEET LT01.
9. INSTALL NEW NO. 7 PULL BOX.
12. INSTALL CONDUIT UNDERNEATH DRAINAGE PIPE PER DETAIL ON ITS01.
13. INSTALL CONDUIT OVER DRAINAGE PIPE PER DETAIL ON ITS01.

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil)
CERTIFICATE NO.
49996
NATALIE CARRICK
Date Signed 09/30/23
ARIZONA, U.S.A.

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LIGHTING PLAN
DYNAMITE BLVD

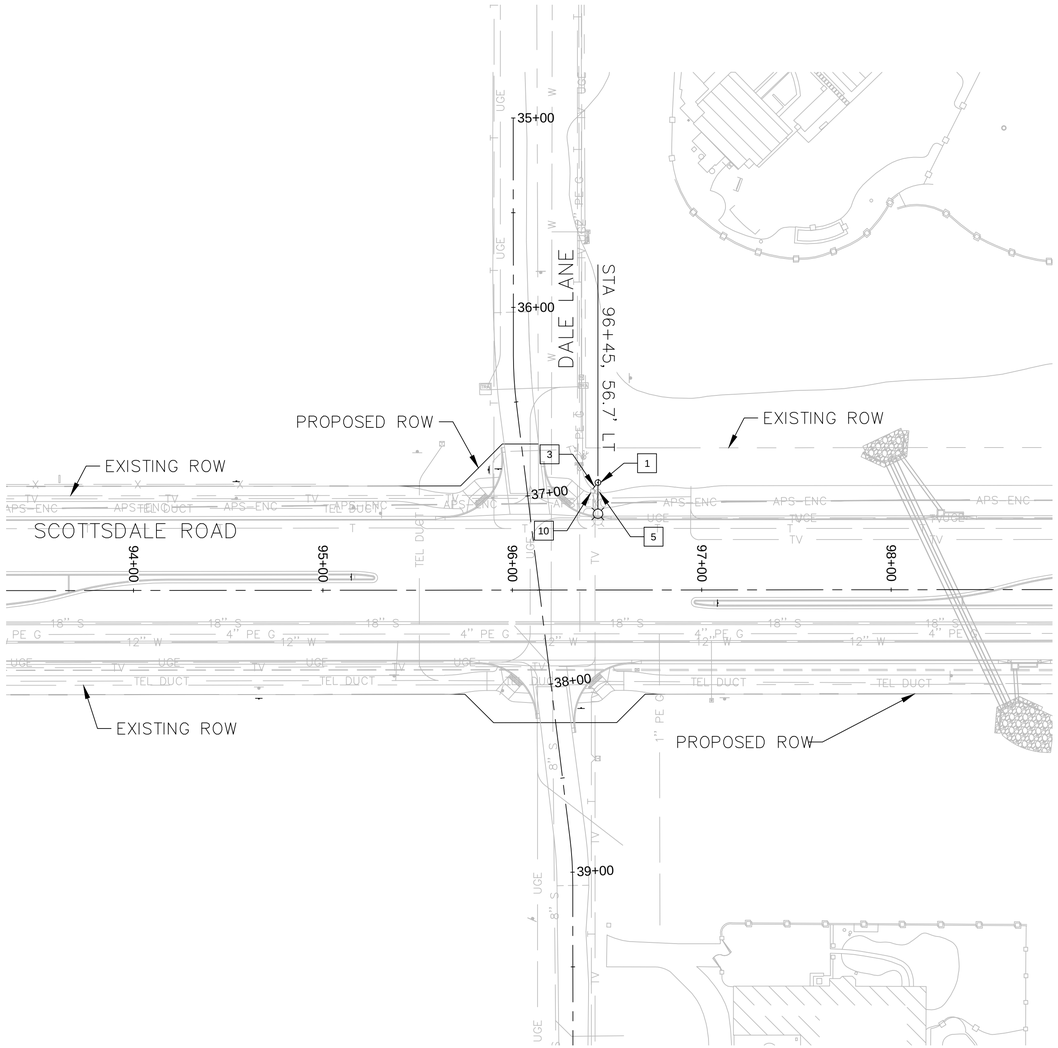
PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	DATE	BID NO.	SHT.
HORIZ. 1"=40'	NFC	09/23		LT03
VERT. N/A	DRAWN AMG	AS-BUILT	PROJECT NO.	169 OF 299

XX-XXX-XXXX

2-DR-2024
2/27/24

PLOT DATE: $$DATE$$ $$TIME$$



40 0 40 80
HORIZ SCALE IN FEET

Stanley Consultants INC.
3133 E. CAMELBACK RD. SUITE 100
PHOENIX, ARIZONA 85016

LIGHTING CONSTRUCTION NOTES

1. INSTALL NEW LED FIXTURE ON NEW TYPE P-2 STREETLIGHT POLE AND FOUNDATION PER COS STD DETAILS 2171-1 AND 2171-2.
3. APS TO INSTALL 1" CONDUIT FROM PULL BOX TO FUSE HOLDER IN STREETLIGHT PER APS DETAILS AND SPECIFICATIONS.
5. EXISTING STREETLIGHT TO BE REMOVED.
10. EXISTING J-BOX AND ASSOCIATED CONDUIT AND CONDUCTORS TO REMAIN.

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil) CERTIFICATE NO. 49996 NATALIE CARRICK Not Signed or Sealed ARIZONA, U.S.A.

CITY OF SCOTTSDALE ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LIGHTING PLAN
DALE LN

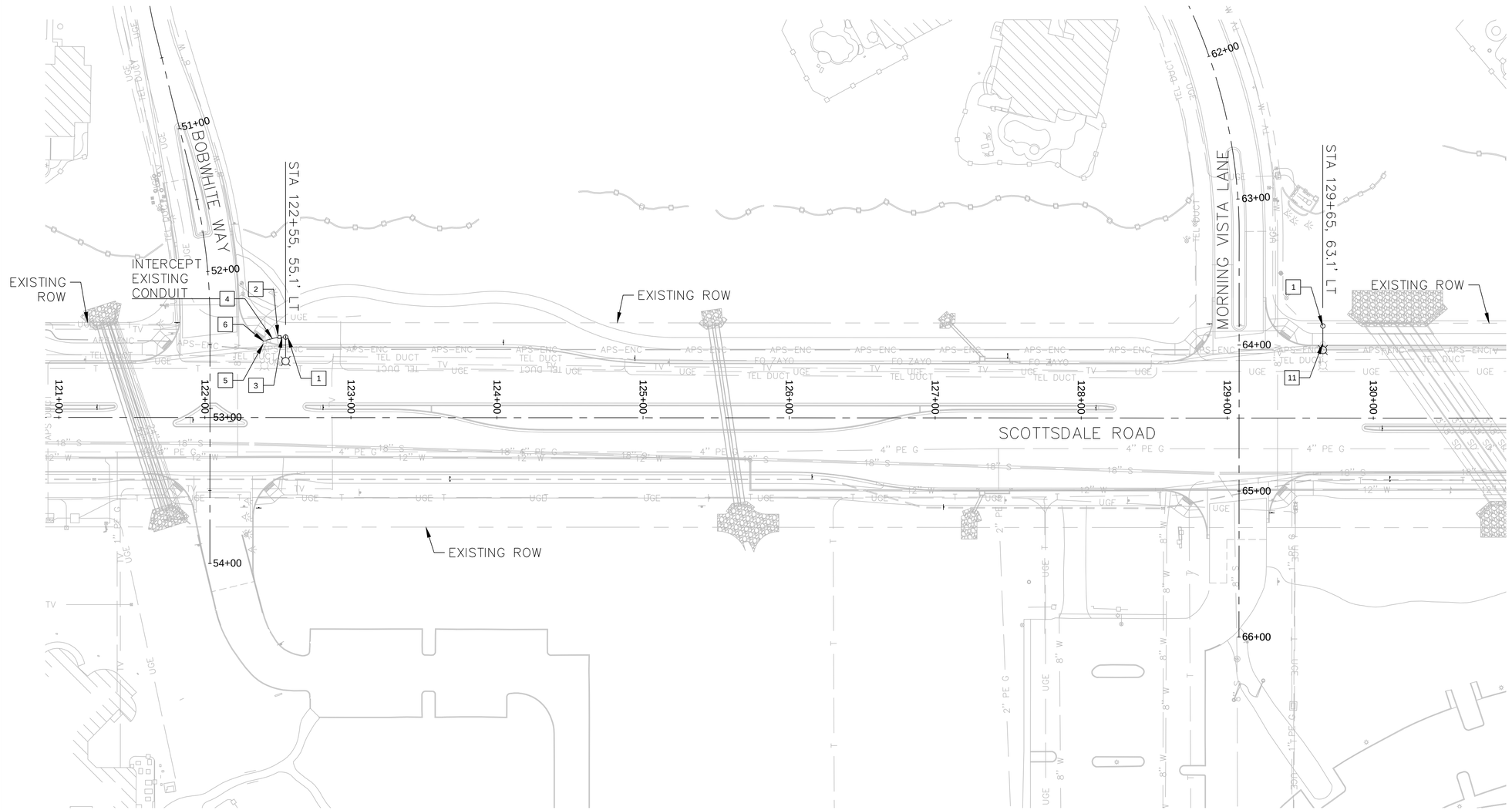
PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	DATE	BID NO.	SHT.
HORIZ. 1"=40'	NFC	09/23		LT04
VERT. N/A	DRAWN AMG	AS-BUILT	PROJECT NO.	170 OF 299

2-DR-2024
2/27/24

DESIGN FILE: $$DGN$$

PLOT DATE: $$DATE$$ $$TIME$$



40 0 40 80
HORIZ SCALE IN FEET

DESIGN FILE: $$DGN$$

Stanley Consultants INC.
3133 E. CAMELBACK RD. SUITE 100
PHOENIX, ARIZONA 85016

LIGHTING CONSTRUCTION NOTES

1. INSTALL NEW LED FIXTURE ON NEW TYPE P-2 STREETLIGHT POLE AND FOUNDATION PER COS STD DETAILS 2171-1 AND 2171-2.
2. INSTALL APS PULL BOX (J-BOX) PER APS DETAILS AND SPECIFICATIONS.
3. APS TO INSTALL 1" CONDUIT FROM PULL BOX TO FUSE HOLDER IN STREETLIGHT PER APS DETAILS AND SPECIFICATIONS.
4. INSTALL 2 1/2" PVC CONDUIT WITH PULL ROPE.
5. EXISTING STREETLIGHT TO BE REMOVED.
6. EXISTING J-BOX TO BE REMOVED. ASSOCIATED CONDUIT AND CONDUCTORS TO REMAIN.
11. EXISTING CELL/LIGHT POLE TO BE RELOCATED BY CROWN CASTLE.

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Professional Engineer (Civil)
CERTIFICATE NO.
49996
NATALIE CARRICK
Date Signed 2/27/24
ARIZONA, U.S.A.

CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LIGHTING PLAN
BOBWHITE WY & MORNING VISTA LN

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	DATE	BID NO.	SHT.
HORIZ. 1"=40'	NFC	09/23		LT05
VERT. N/A	DRAWN AMG	AS-BUILT	PROJECT NO.	171 OF 299

2-DR-2024
2/27/24

NATIVE PLANT INVENTORY NOTES

NATIVE PLANT SALVAGE NOTES

1. THE SALVAGING CONTRACTOR SHALL REVIEW THIS PROJECT WITH THE CITY ENGINEER PRIOR TO STARTING WORK.
2. ALL SALVAGING OPERATIONS WORK SHALL CONFORM TO M.A.G. STANDARD SPECIFICATIONS AND DETAILS AND THE CITY OF SCOTTSDALE M.A.G. SUPPLEMENTAL SPECIFICATIONS AND SUPPLEMENTAL STANDARD DETAILS.
3. SHOULD THE SALVAGING CONTRACTOR HAVE ANY QUESTIONS REGARDING THESE PLANS AND SPECIFICATIONS OR SHOULD THERE BE ANY DISCREPANCIES, THE CONTRACTOR SHALL CONTACT THE CITY ENGINEER FOR CLARIFICATION BEFORE PROCEEDING FURTHER WITH ANY OTHER WORK.
4. THE SALVAGING CONTRACTOR SHALL BE RESPONSIBLE FOR BECOMING FAMILIAR WITH THE UNDERGROUND UTILITIES, PIPES AND STRUCTURES. THE CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES.
5. THE SALVAGING CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION.
6. THE SALVAGING CONTRACTOR SHALL VERIFY AND ACCEPT ALL SITE CONDITIONS AND ROUGH GRADES PRIOR TO STARTING ANY WORK.
7. THE SALVAGE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT SHOWN ON THESE PLANS.

NATIVE PLANT SALVAGE OPERATION NOTES

1. THE CONTRACTOR SHALL SUBMIT A SALVAGE OPERATIONS PLAN FOR REVIEW AND APPROVAL BY THE CITY ENGINEER PRIOR TO BEGINNING ANY GROUND BREAKING WORK BY SALVAGING CONTRACTOR.
   a. THE SALVAGE OPERATIONS PLAN SHALL BE CONTAINED IN A THREE RING BINDER(S) AND SHALL BE TYPED ON 8.5 " x 11" SHEETS.
   b. THE CONTRACTOR SHALL SUBMIT FOUR (4) COPIES OF THE SALVAGE OPERATIONS PLAN TO THE CITY ENGINEER AT THE PRE-CONSTRUCTION MEETING.
2. THE SALVAGE OPERATIONS PLAN SHALL CONTAIN AS A MINIMUM THE FOLLOWING ITEMS AND THE PLAN SHALL CONFORM TO THE DETAILS AS SHOWN ON THE PROJECT PLANS .
   a. THE SALVAGE OPERATIONS PLAN SHALL CLEARLY DEMONSTRATE TO THE CITY HOW THE CONTRACTOR'S SALVAGE OPERATIONS METHODS AND APPROACH WILL BE ACCOMPLISHED FROM MARCH 1 THROUGH SEPTEMBER 30.
   b. METHODS FOR THE COORDINATING THE SALVAGE AND SALVAGE PLANTING OF ALL LOCAL STOCK WITH ANTICIPATED PHASING AND SEQUENCING OF CONSTRUCTION PER STATIONING LIMITS AND THE DEVELOPMENT OF TEMPORARY NURSERY (SEE TEMPORARY NURSERY NOTES).
   c. EXISTING AND FINAL LOCATION OF EACH LOCAL STOCK (IF DIFFERENT THAN SHOWN ON THE PLANS).
   d. IDENTIFICATION NUMBERS OF EACH LOCAL STOCK ITEM (IF DIFFERENT THAN SHOWN ON THE PLANS).
   e. SOURCES OF COLLECTED/OPEN STOCK (IF REQUIRED TO SUPPLY REPLACEMENTS OF THE MATERIALS THAT ARE LOST DUE TO EXCESSIVE MORTALITY ON THE PROJECT).
   f. A SECTION THAT IDENTIFIES ALL PROPOSED NURSERY LOCATIONS. THIS SECTION SHALL INCLUDE A PHOTO INVENTORY OF THE EXISTING CONDITIONS OF THE NURSERY LOCATION AND THE CONTRACTORS PROPOSED RE-ESTABLISHMENT OF THE AREAS DISTURBED AS PART OF THE NURSERY DEVELOPMENT.
   g. A LIST OF ALL MATERIALS AND EQUIPMENT PROPOSED FOR INCORPORATION INTO THE WORK. THE CONTRACTOR SHALL HAVE MATERIALS AND EQUIPMENT CORRECTLY MARKED ON EACH COPY OF THE LIST. THE LIST SHALL SHOW THE CATALOGUE NUMBERS, MANUFACTURER'S NAMES MODEL NUMBERS, SIZES, CAPACITY, COMPLETE SPECIFICATIONS, INSTRUCTIONS, DESIGN DATA AND/OR DRAWINGS TO DETERMINE WHETHER OR NOT EACH PIECE OF MATERIAL OR EQUIPMENT IS ACCEPTABLE.
3. THE CITY ENGINEER WILL BE THE SOLE JUDGE OF THE ACCEPTABILITY OF THE RECOMMENDATIONS WITHIN THE SALVAGE OPERATIONS PLAN AND WILL NOTIFY THE CONTRACTOR WITHIN 21 DAYS OF THE ACCEPTABILITY OF THE PLAN.
4. THE CITY RESERVES THE RIGHT TO REJECT AT ANY TIME THE CONTRACTORS SALVAGE OPERATIONS PLAN BASED ON THE REVIEW OF THE QUALIFICATIONS STATEMENT AND/OR PERFORMANCE OF THE WORK HEREIN.
5. THE WORK SHALL ALSO INCLUDE:
   a. THE MACHINERY, EQUIPMENT, LABOR AND MATERIALS REQUIRED TO PROVIDE AND SUPPLY ALL BOXING MATERIALS, IRRIGATION WATER, CONSTRUCT AND MAINTAIN THE NURSERY.
   b. TRANSPORTING THE LOCAL STOCK TO THE NURSERY.
   c. DISTRIBUTING WATER TO THE PLANTS FROM THE INITIATION OF THE SALVAGING OPERATIONS AND/OR FROM THE TIME OF PLACEMENT OF THE PLANTS IN THE NURSERY AS APPLICABLE.
   d. PREPARATION OF PLANTING PITS IN THE NURSERY AND AT THE FINAL PLANTING LOCATION, INCLUDING EXCAVATING AND BACK FILLING.
   e. THE DOCUMENTATION, MEASUREMENT, AND INSPECTION OF LOCAL STOCK AS IDENTIFIED HEREIN.
   f. THE PREPARATION, MODIFICATIONS AND REPRODUCTION OF A SALVAGE OPERATIONS PLAN.
   g. SUPPLY AND INSTALLATION OF ANY REQUIRED CHEMICAL SOLUTIONS, FERTILIZERS AND AMENDMENTS.

NATIVE PLANTS TEMPORARY NURSERY

* SEE SHEET NPI104 FOR NATIVE PLANT SALVAGE DETAILS

1. CONTRACTOR SHALL REVIEW THIS PROJECT WITH THE CITY ENGINEER PRIOR TO STARTING NATIVE PLANT AND LANDSCAPE CONSTRUCTION WORK. SHOULD THE CONTRACTOR HAVE ANY QUESTIONS REGARDING THESE PLANS OR SHOULD THERE BE ANY DISCREPANCIES, THE CONTRACTOR SHALL CONTACT THE CITY ENGINEER FOR CLARIFICATION BEFORE PROCEEDING FURTHER WITH ANY NATIVE PLANT AND LANDSCAPE CONSTRUCTION WORK.
2. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION.
3. ALL NATIVE PLANTS SALVAGED AND RE-PLANTING OPERATIONS SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH ALL APPLICABLE 2015 MAG STD SPECIFICATIONS AND COS MAG SUPPLEMENTAL SPECIFICATIONS & STD DETAILS INCLUDING CURRENT NATIVE PLANT ORDINANCE OR AS MODIFIED HEREIN.
4. CONTRACTOR SHALL WALK THE SITE WITH CITY ENGINEER, FIELD VERIFY A LOCATION FOR THE TEMPORARY NURSERY AND OBTAIN CITY ENGINEER'S APPROVAL PRIOR TO THE START OF NATIVE PLANT AND LANDSCAPE CONSTRUCTION OPERATIONS.
5. UPON APPROVAL BY CITY ENGINEER, CONTRACTOR SHALL FIELD STAKE AND TAPE TEMPORARY NURSERY LOCATION PER COS NATIVE PLANT SPECIFICATIONS & STD DETAILS.
6. CONTRACTOR SHALL MAINTAIN TEMPORARY NURSERY AND SALVAGED NATIVE PLANT MATERIALS INCLUDING: IRRIGATION, WEEDING, AND FERTILIZING PER COS NATIVE PLANT SPECIFICATIONS & STD DETAILS INCLUDING CURRENT NATIVE PLANT ORDINANCE OR AS MODIFIED HEREIN.

Plant #	Common Name	Caliper (in)/ Height (ft)	Cacti Arms	Status	Comments
1	Saguaro	6		PIP	
2	Ironwood	7		PIP	
3	Foothills Palo Verde	26		PIP	
4	Mesquite	5		NS	Proximity to Headwall
5	Saguaro	6		S	
6	Ironwood	7		S	
7	Ironwood	24		S	
8	Ironwood	5		NS	Leaning / Poor Structure
9	Foothills Palo Verde	18		S	
10	Foothills Palo Verde	10		NS	Exposed Roots / Poor Structure
11	Foothills Palo Verde	16		S	
12	Foothills Palo Verde	6		S	
13	Saguaro	9		S	
14	Blue Palo Verde	6		S	
15	Foothills Palo Verde	5		S	
16	Foothills Palo Verde	5		S	
17	Barrel	4		S	
18	Foothills Palo Verde	8		S	
19	Foothills Palo Verde	9		S	
20	Foothills Palo Verde	7		S	
21	Foothills Palo Verde	6		S	
22	Foothills Palo Verde	6		S	
23	Blue Palo Verde	7		S	
24	Blue Palo Verde	6		S	
25	Ironwood	6		S	
26	Foothills Palo Verde	5		S	
27	Foothills Palo Verde	7		S	
28	Foothills Palo Verde	7		S	
29	Foothills Palo Verde	7		S	
30	Foothills Palo Verde	9		S	
31	Saguaro	15		S	
32	Foothills Palo Verde	7		S	
33	Foothills Palo Verde	4		S	
34	Foothills Palo Verde	24		S	Mistletoe
35	Saguaro	9		S	
36	Foothills Palo Verde	5		S	
37	Foothills Palo Verde	6		S	
38	Foothills Palo Verde	5		S	
39	Foothills Palo Verde	6		NS	Form / Poor Structure
40	Foothills Palo Verde	7		S	
41	Foothills Palo Verde	16		S	
42	Foothills Palo Verde	5		S	
43	Mesquite	8		S	
44	Foothills Palo Verde	5		S	
45	Foothills Palo Verde	6		S	
46	Foothills Palo Verde	5		S	
47	Foothills Palo Verde	5		S	
48	Foothills Palo Verde	5		S	
49	Foothills Palo Verde	7		S	
50	Hackberry	48		NS	Wide Base
51	Foothills Palo Verde	6		S	
52	Foothills Palo Verde	9		S	
53	Foothills Palo Verde	18		S	
54	Ocotillo	20		S	
55	Foothills Palo Verde	6		S	
56	Foothills Palo Verde	5		S	
57	Foothills Palo Verde	14		S	
58	Foothills Palo Verde	9		S	
59	Mesquite	8		S	
60	Foothills Palo Verde	6		S	
61	Foothills Palo Verde	7		S	
62	Foothills Palo Verde	7		NS	Cambium Damage
63	Foothills Palo Verde	7		NS	Cambium Damage
64	Foothills Palo Verde	7		NS	Leaning / Poor Structure
65	Foothills Palo Verde	8		S	
66	Foothills Palo Verde	5		NS	Cambium Damage
67	Foothills Palo Verde	7		S	
68	Foothills Palo Verde	16		S	
69	Foothills Palo Verde	4		NS	Cambium Damage
70	Foothills Palo Verde	6		S	
71	Foothills Palo Verde	18		S	
72	Foothills Palo Verde	18		S	
73	Foothills Palo Verde	14		NS	Form / Leaning
74	Foothills Palo Verde	24		NS	Cambium Damage / Broken Branches
75	Saguaro	16		S	
76	Saguaro	82	4	PIP	Rocks / Proximity to Curb
77	Barrel	4		S	
78	Saguaro	14	1	S	
79	Saguaro	15		S	
80	Foothills Palo Verde	22		S	
81	Foothills Palo Verde	9		S	
82	Foothills Palo Verde	6		S	
83	Foothills Palo Verde	6		S	
84	Foothills Palo Verde	6		NS	Cambium Damage / Leaning
85	Foothills Palo Verde	5		S	
86	Foothills Palo Verde	6		S	
87	Saguaro	7		S	
88	Foothills Palo Verde	16		S	
89	Saguaro	5		S	
90	Foothills Palo Verde	7		S	
91	Foothills Palo Verde	6		S	
92	Foothills Palo Verde	6		S	
93	Foothills Palo Verde	7		S	
94	Foothills Palo Verde	9		S	
95	Foothills Palo Verde	6		S	
96	Foothills Palo Verde	9		S	
97	Foothills Palo Verde	8		NS	Leaning / Poor Structure
98	Foothills Palo Verde	25		NS	Leaning / Poor Structure
99	Saguaro	36	2	S	
100	Foothills Palo Verde	10		S	
101	Saguaro	5		NS	Damaged
102	Foothills Palo Verde	6		S	
103	Saguaro	5		S	
104	Foothills Palo Verde	14		NS	Cambium Damage / Poor Structure
105	Mesquite	5		S	
106	Foothills Palo Verde	8		S	
107	Foothills Palo Verde	6		NS	Proximity to #106 / Leaning
108	Mesquite	11		NS	Form / Leaning
109	Saguaro	5		NS	Damaged
110	Hackberry	90		NS	Wide Base / Cluster
111	Foothills Palo Verde	16		S	
112	Hackberry	20		NS	Wide Base / Poor Structure
113	Foothills Palo Verde	8		NS	Leaning / Poor Structure
114	Hackberry	24		NS	Wide Base / Leaning
115	Mesquite	44		PIP	Exposed Roots / Cambium Damage
116	Mesquite	10		S	
117	Mesquite	6		S	
118	Mesquite	18		S	
119	Foothills Palo Verde	6		NS	Cambium Damage
120	Mesquite	5		S	
121	Foothills Palo Verde	6		S	
122	Blue Palo Verde	7		S	
123	Foothills Palo Verde	18		S	
124	Ironwood	22		S	
125	Foothills Palo Verde	6		NS	Cambium Damage
126	Mesquite	12		S	
127	Foothills Palo Verde	12		NS	Branch Dieback
128	Foothills Palo Verde	16		NS	Cambium DamageBranch Dieback
129	Saguaro	78	9	S	
130	Mesquite	5		S	
131	Ironwood	20		S	
132	Foothills Palo Verde	10		S	
133	Ironwood	6		S	
134	Ironwood	24		PIP	
135	Foothills Palo Verde	6		S	
136	Foothills Palo Verde	18		S	
137	Foothills Palo Verde	6		NS	Leaning / Poor Structure
138	Foothills Palo Verde	7		S	
139	Foothills Palo Verde	8		S	
140	Foothills Palo Verde	5		NS	Form / Leaning
141	Foothills Palo Verde	12		NS	Proximity to #142
142	Foothills Palo Verde	9		S	
143	Foothills Palo Verde	7		S	
144	Foothills Palo Verde	7		S	
145	Foothills Palo Verde	5		S	
146	Foothills Palo Verde	8		S	
147	Mesquite	6		S	
148	Mesquite	20		NS	Cambium Damage
149	Foothills Palo Verde	6		NS	Trunk Form / Poor Structure
150	Foothills Palo Verde	6		S	
151	Foothills Palo Verde	18		S	
152	Graythorn	8		S	
153	Saguaro	4		S	
154	Saguaro	51	9	S	
155	Mesquite	14		S	
156	Saguaro	4		S	
157	Foothills Palo Verde	7		S	
158	Ironwood	22		PIP	Cambium Damage
159	Mesquite	16		S	
160	Saguaro	20	3	S	
161	Foothills Palo Verde	7		S	
162	Foothills Palo Verde	20		PIP	Cambium Damage
163	Foothills Palo Verde	8		S	
164	Foothills Palo Verde	5		NS	Cambium Damage
165	Hackberry	10		NS	Cambium Damage / Declining
166	Mesquite	14		NS	Cambium Damage / Poor Structure
167	Foothills Palo Verde	14		NS	Mistletoe / Cambium Damage
168	Foothills Palo Verde	7		PIP	
169	Ironwood	30		S	
170	Mesquite	8		NS	Form / Leaning
171	Ironwood	16		S	
172	Foothills Palo Verde	20		S	
173	Barrel	4		S	
174	Foothills Palo Verde	7		NS	Proximity to #172
175	Foothills Palo Verde	25		NS	Cambium Damage
176	Blue Palo Verde	9		S	
177	Hackberry	44		NS	Wide Base
178	Foothills Palo Verde	7		S	
179	Foothills Palo Verde	7		NS	Cambium Damage
180	Hackberry	48		NS	Wide Base
181	Foothills Palo Verde	8		S	
182	Foothills Palo Verde	16		NS	Cambium Damage
183	Foothills Palo Verde	12		S	
184	Ironwood	36		S	
185	Saguaro	112	12	NS	Damaged
186	Mesquite	20		NS	Cambium Damage
187	Saguaro	14		S	
188	Foothills Palo Verde	9		S	
189	Foothills Palo Verde	22		PIP	
190	Graythorn	12		NS	Wide Base / Cambium Damage
191	Saguaro	10		S	
192	Mesquite	16		NS	Leaning / Poor Structure
193	Saguaro	99	12	S	
194	Foothills Palo Verde	5		S	
195	Foothills Palo Verde	12		S	
196	Ironwood	18		S	

Legend
S = Salvageable
NS = Non-Salvageable
PIP = Protect-In-Place

Native Resources International
Native Resources Intl.
1540 W Happy Valley Rd.
Phoenix, AZ. 85085
Phone (623) 869-6757
Fax (623) 869-6769

J2 engineering and environmental design
4649 east cotton gin loop, suite B2
phoenix, arizona 85040
phone: 602.438.2221
www.j2design.us

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Landscape Architect
CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed 2/27/24
NOT FOR CONSTRUCTION UNLESS SIGNED

CITY OF SCOTTSDALE ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
NATIVE PLANT INVENTORY

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ.	RC	09/2023		NPI101
VERT.	DRAWN	AS-BUILT	COS PROJECT NO.	185 OF 299
	MM / AF		SG05	

THIS SHEET SCALED FOR 24"X36" BORDER

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\J2Cad\Sheets\1390-NPI100.dwg

197	Foothills Palo Verde	10		NS	Cambium Damage / Leaning
198	Foothills Palo Verde	19		S	
199	Foothills Palo Verde	14		S	
200	Foothills Palo Verde	5		NS	Leaning / Poor Structure
201	Foothills Palo Verde	12		S	
202	Blue Palo Verde	4		NS	Form / Leaning
203	Foothills Palo Verde	4		S	
204	Mesquite	5		S	
205	Foothills Palo Verde	18		S	
206	Foothills Palo Verde	22		S	
207	Foothills Palo Verde	7		S	
208	Mesquite	5		S	
209	Foothills Palo Verde	10		S	
210	Foothills Palo Verde	10		S	
211	Foothills Palo Verde	8		NS	Cambium Damage
212	Foothills Palo Verde	8		S	
213	Foothills Palo Verde	5		S	
214	Ironwood	30		S	
215	Foothills Palo Verde	20		NS	Cambium Damage / Broken Branches
216	Foothills Palo Verde	6		S	
217	Foothills Palo Verde	10		S	
218	Foothills Palo Verde	5		S	
219	Foothills Palo Verde	24		S	
220	Foothills Palo Verde	7		S	
221	Foothills Palo Verde	8		NS	Form / Leaning
222	Foothills Palo Verde	8		NS	Form / Leaning
223	Foothills Palo Verde	16		S	
224	Foothills Palo Verde	8		NS	Leaning / Poor Structure
225	Foothills Palo Verde	8		S	
226	Foothills Palo Verde	22		S	
227	Hackberry	32		NS	Wide Base
228	Foothills Palo Verde	14		S	
229	Foothills Palo Verde	16		NS	Cambium Damage / Leaning
230	Hackberry	36		NS	Wide Base
231	Mesquite	16		NS	Branch Dieback
232	Hackberry	30		NS	Wide Base / Cluster
233	Foothills Palo Verde	9		S	
234	Foothills Palo Verde	10		S	
235	Foothills Palo Verde	8		S	
236	Foothills Palo Verde	24		S	
237	Foothills Palo Verde	4		S	
238	Foothills Palo Verde	20		S	
239	Saguaro	13		S	
240	Foothills Palo Verde	8		S	
241	Foothills Palo Verde	20		S	
242	Graythorn	6		S	
243	Mesquite	30		NS	Wide Base / Poor Structure
244	Desert Willow	20		NS	Wide Base / Poor Structure
245	Saguaro	26	1	S	
246	Barrel	5		S	
247	Foothills Palo Verde	24		S	
248	Foothills Palo Verde	8		S	
249	Saguaro	15		S	
250	Foothills Palo Verde	7		S	
251	Saguaro	8		S	
252	Blue Palo Verde	4		S	
253	Saguaro	37	2	S	
254	Blue Palo Verde	7		S	
255	Foothills Palo Verde	15		NS	Cambium Damage / Broken Branches
256	Foothills Palo Verde	4		NS	Form / Leaning
257	Ironwood	24		PIP	
258	Saguaro	148	11	PIP	Damaged
259	Saguaro	88	5	S	
260	Foothills Palo Verde	20		S	
261	Ironwood	16		S	
262	Foothills Palo Verde	20		NS	Cambium Damage
263	Foothills Palo Verde	10		S	
264	Hackberry	60		NS	Wide Base
265	Foothills Palo Verde	4		S	
266	Foothills Palo Verde	7		S	
267	Foothills Palo Verde	20		NS	Mistletoe
268	Foothills Palo Verde	18		S	
269	Foothills Palo Verde	7		S	
270	Saguaro	13		S	
271	Saguaro	92	7	S	
272	Foothills Palo Verde	18		NS	Cambium Damage
273	Foothills Palo Verde	20		S	
274	Foothills Palo Verde	7		S	
275	Foothills Palo Verde	8		S	
276	Saguaro	5		S	
277	Saguaro	115	8	S	
278	Foothills Palo Verde	14		S	
279	Foothills Palo Verde	14		S	
280	Foothills Palo Verde	10		NS	Mistletoe
281	Graythorn	36		NS	Wide Base
282	Foothills Palo Verde	9		NS	Cambium Damage
283	Saguaro	34	3	NS	Damaged
284	Ironwood	24		S	
285	Foothills Palo Verde	7		S	
286	Saguaro	10		S	
287	Mesquite	7		NS	Branch Dieback
288	Foothills Palo Verde	10		S	
289	Saguaro	49	5	S	
290	Foothills Palo Verde	16		S	
291	Foothills Palo Verde	7		S	
292	Foothills Palo Verde	16		NS	Cambium Damage
293	Mesquite	5		NS	Cambium Damage
294	Mesquite	20		NS	Cambium Damage / Poor Structure
295	Mesquite	5		S	
296	Foothills Palo Verde	18		S	
297	Mesquite	7		S	
298	Foothills Palo Verde	14		NS	Cambium Damage / Leaning
299	Mesquite	6		S	
300	Mesquite	22		S	
301	Foothills Palo Verde	12		NS	Cambium Damage
302	Saguaro	72	4	S	
303	Saguaro	162	11	S	
304	Foothills Palo Verde	8		S	
305	Foothills Palo Verde	7		S	
306	Saguaro	19		S	
307	Foothills Palo Verde	7		S	
308	Ironwood	7		S	
309	Blue Palo Verde	4		S	
310	Blue Palo Verde	7		S	
311	Mesquite	26		S	
312	Mesquite	7		S	
313	Foothills Palo Verde	6		S	
314	Foothills Palo Verde	12		S	
315	Foothills Palo Verde	7		S	
316	Barrel	5		S	
317	Foothills Palo Verde	7		S	
318	Saguaro	144	13	S	
319	Foothills Palo Verde	7		S	
320	Saguaro	8		S	
321	Foothills Palo Verde	22		NS	Cambium Damage
322	Ironwood	9		PIP	
323	Foothills Palo Verde	14		PIP	
324	Ironwood	7		S	
325	Saguaro	9		S	
326	Foothills Palo Verde	7		S	
327	Foothills Palo Verde	8		S	
328	Foothills Palo Verde	4		S	
329	Foothills Palo Verde	16		S	
330	Foothills Palo Verde	14		S	
331	Foothills Palo Verde	14		NS	Cambium Damage
332	Hackberry	40		NS	Wide Base
333	Foothills Palo Verde	14		NS	Cambium Damage
334	Saguaro	10		S	
335	Foothills Palo Verde	16		PIP	
336	Mesquite	5		PIP	
337	Saguaro	5		S	
338	Foothills Palo Verde	18		PIP	
339	Foothills Palo Verde	20		NS	
340	Saguaro	11		PIP	
341	Ironwood	38		PIP	
342	Foothills Palo Verde	16		NS	Mistletoe
343	Foothills Palo Verde	7		S	
344	Foothills Palo Verde	6		S	
345	Foothills Palo Verde	5		S	
346	Blue Palo Verde	8		S	
347	Mesquite	18		NS	Cambium Damage
348	Mesquite	4		NS	Cambium Damage
349	Mesquite	4		NS	Cambium Damage
350	Barrel	4		S	
351	Blue Palo Verde	13		S	
352	Saguaro	85	6	S	
353	Foothills Palo Verde	18		S	
354	Barrel	5		S	
355	Saguaro	17		S	
356	Foothills Palo Verde	18		S	
357	Saguaro	10		S	
358	Ironwood	7		S	
359	Foothills Palo Verde	7		NS	Cambium Damage
360	Saguaro	17		PIP	
361	Foothills Palo Verde	20		PIP	
362	Foothills Palo Verde	22		S	
363	Foothills Palo Verde	20		NS	Leaning / Poor Structure
364	Blue Palo Verde	6		NS	Rocks / Wash
365	Hackberry	48		NS	Wide Base / Poor Structure
366	Foothills Palo Verde	7		S	
367	Foothills Palo Verde	22		S	
368	Foothills Palo Verde	18		PIP	
369	Foothills Palo Verde	7		S	
370	Saguaro	11		S	
371	Foothills Palo Verde	7		S	
372	Foothills Palo Verde	12		NS	Cambium Damage
373	Foothills Palo Verde	7		S	
374	Foothills Palo Verde	4		NS	Leaning / Poor Structure
375	Foothills Palo Verde	7		NS	Cambium Damage / Leaning
376	Foothills Palo Verde	4		NS	Leaning / Poor Structure
377	Foothills Palo Verde	18		PIP	
378	Hackberry	99		PIP	Cluster
379	Foothills Palo Verde	18		NS	Form / Poor Structure
380	Foothills Palo Verde	14		NS	Cambium Damage / Poor Structure
381	Mesquite	6		NS	Cambium Damage
382	Saguaro	11		S	
383	Mesquite	5		S	
384	Mesquite	6		S	
385	Blue Palo Verde	7		S	
386	Saguaro	10		S	
387	Blue Palo Verde	7		S	
388	Blue Palo Verde	6		NS	Proximity to UG Utilities
389	Foothills Palo Verde	5		S	
390	Saguaro	10		S	
391	Blue Palo Verde	5		S	
392	Foothills Palo Verde	7		PIP	Cambium Damage / Dead Branches
393	Foothills Palo Verde	18		PIP	Cambium Damage / Trunk Damage
394	Foothills Palo Verde	8		PIP	Cambium Damage / Trunk Damage
395	Foothills Palo Verde	12		PIP	Mistletoe / Cambium Damage
396	Saguaro	12		PIP	
397	Foothills Palo Verde	20		PIP	
398	Foothills Palo Verde	20		S	
399	Foothills Palo Verde	12		PIP	
400	Ocotillo	11		PIP	
401	Foothills Palo Verde	14		S	
402	Foothills Palo Verde	14		PIP	Cambium Damage
403	Blue Palo Verde	16		NS	Cambium Damage
404	Foothills Palo Verde	14		NS	Leaning / Poor Structure
405	Blue Palo Verde	8		PIP	
406	Barrel	4		S	
407	Barrel	6		PIP	
408	Barrel	6		S	
409	Foothills Palo Verde	10		NS	Proximity to Sidewalk
410	Mesquite	9		S	
411	Foothills Palo Verde	19		PIP	
412	Saguaro	32	3	S	
413	Saguaro	12		S	
414	Foothills Palo Verde	16		S	
415	Foothills Palo Verde	15		NS	Cambium Damage
416	Blue Palo Verde	16		NS	Cambium Damage
417	Foothills Palo Verde	14		S	
418	Foothills Palo Verde	14		NS	Cambium Damage
419	Saguaro	126	12	NS	Damaged
420	Foothills Palo Verde	14		S	
421	Ocotillo	9		S	
422	Barrel	5		S	
423	Barrel	3		S	
424	Saguaro	43	5	S	
425	Foothills Palo Verde	14		NS	Leaning / Poor Structure
426	Foothills Palo Verde	6		S	
427	Mesquite	24		NS	Cambium Damage / Poor Structure
428	Foothills Palo Verde	18		S	
429	Mesquite	24		S	
430	Foothills Palo Verde	8		NS	Exposed Roots / Leaning
431	Foothills Palo Verde	5		S	
432	Foothills Palo Verde	8		S	
433	Foothills Palo Verde	6		S	
434	Mesquite	24		NS	Cambium Damage / Hollow Trunk
435	Foothills Palo Verde	20		NS	Leaning / Poor Structure
436	Foothills Palo Verde	16		S	
437	Foothills Palo Verde	7		S	
438	Saguaro	11		S	
439	Foothills Palo Verde	5		S	
440	Barrel	3		NS	Damaged / Leaning
441	Barrel	8		S	
442	Barrel	5		S	
443	Saguaro	106	8	S	
444	Mesquite	20		S	
445	Foothills Palo Verde	9		NS	Leaning / Poor Structure
446	Foothills Palo Verde	9		S	
447	Blue Palo Verde	9		NS	Cambium Damage / Leaning
448	Saguaro	142	9	NS	Damaged / Declining
449	Blue Palo Verde	7		S	
450	Foothills Palo Verde	6		S	
451	Foothills Palo Verde	8		NS	Cambium Damage
452	Foothills Palo Verde	9		S	
453	Blue Palo Verde	6		S	
454	Foothills Palo Verde	10		NS	Branch Dieback
455	Foothills Palo Verde	8		S	
456	Mesquite	9		S	
457	Foothills Palo Verde	9		S	
458	Saguaro	16		PIP	
459	Ironwood	16		S	
460	Foothills Palo Verde	14		PIP	
461	Foothills Palo Verde	17		S	
462	Foothills Palo Verde	8		NS	Leaning / Poor Structure
463	Foothills Palo Verde	7		NS	Branch Dieback
464	Mesquite	7		NS	Branch Dieback
465	Foothills Palo Verde	12		PIP	
466	Foothills Palo Verde	8		PIP	
467	Ironwood	25		S	
468	Hackberry	84		NS	Wide Base
469	Foothills Palo Verde	7		S	
470	Hackberry	99		NS	Wide Base
471	Foothills Palo Verde	6		S	

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CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed 4/30/2023

CITY OF SCOTTSDALE ARIZONA

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SCOTTSDALE, ARIZONA 85251

SHEET TITLE
NATIVE PLANT INVENTORY

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

SCALE	DESIGNED		BID NO.	SHT.
HORIZ.	RC	09/2023		NPI102
VERT.	DRAWN	AS-BUILT	COS PROJECT NO.	186 OF 299
	MM / AF		SG05	

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\J2Cad\Sheets\1390-NPI100.dwg

472	Saguaro	56	6	PIP	
473	Foothills Palo Verde	7		S	
474	Foothills Palo Verde	16		NS	Mistletoe
475	Foothills Palo Verde	20		NS	Mistletoe
476	Foothills Palo Verde	18		NS	Mistletoe
477	Saguaro	116	6	PIP	
478	Barrel	3		PIP	
479	Mesquite	6		NS	Cambium DamageBranch Dieback
480	Foothills Palo Verde	20		S	
481	Foothills Palo Verde	12		NS	Exposed Roots
482	Foothills Palo Verde	10		NS	Cambium Damage / Leaning
483	Graythorn	6		PIP	
484	Foothills Palo Verde	16		NS	Cambium Damage / Branch Dieback
485	Foothills Palo Verde	16		PIP	MistletoeBranch Dieback
486	Foothills Palo Verde	14		NS	Cambium Damage / Branch Dieback
487	Mesquite	17		S	
488	Foothills Palo Verde	14		NS	Mistletoe / Cambium Damage
489	Foothills Palo Verde	9		PIP	
490	Saguaro	15		PIP	Damaged
491	Saguaro	104	16	PIP	Damaged
492	Foothills Palo Verde	12		S	
493	Foothills Palo Verde	7		NS	
494	Foothills Palo Verde	7		PIP	Leaning / Poor Structure
495	Foothills Palo Verde	9		S	
496	Saguaro	71	13	S	
497	Foothills Palo Verde	18		S	
498	Foothills Palo Verde	16		S	
499	Foothills Palo Verde	8		PIP	
500	Foothills Palo Verde	14		NS	Mistletoe
501	Foothills Palo Verde	18		S	
502	Foothills Palo Verde	16		PIP	
503	Saguaro	18		NS	Declining
504	Mesquite	7		PIP	Cambium Damage / Branch Dieback
505	Mesquite	6		PIP	
506	Blue Palo Verde	8		NS	Witches Broom
507	Mesquite	5		NS	Proximity to Asphalt
508	Ironwood	16		PIP	
509	Saguaro	23	2	PIP	
510	Saguaro	5		S	
511	Saguaro	17		S	
512	Mesquite	7		NS	Leaning / Poor Structure
513	Foothills Palo Verde	18		NS	Cambium Damage
514	Foothills Palo Verde	12		S	
515	Hackberry	8		NS	Wide BaseBranch Dieback
516	Foothills Palo Verde	9		NS	Form / Leaning
517	Foothills Palo Verde	18		S	
518	Foothills Palo Verde	7		S	
519	Foothills Palo Verde	10		S	
520	Foothills Palo Verde	7		NS	Form / Leaning
521	Foothills Palo Verde	13		S	
522	Foothills Palo Verde	7		NS	Leaning / Poor Structure
523	Foothills Palo Verde	22		NS	
524	Foothills Palo Verde	7		S	
525	Ironwood	26		S	
526	Blue Palo Verde	6		NS	Exposed Roots
527	Foothills Palo Verde	36		NS	Mistletoe
528	Mesquite	24		S	
529	Foothills Palo Verde	26		NS	MistletoeBranch Dieback
530	Hackberry	60		NS	Wide Base
531	Foothills Palo Verde	8		S	
532	Foothills Palo Verde	4		S	
533	Foothills Palo Verde	22		NS	Form / Leaning
534	Hackberry	6		NS	Cambium DamageBranch Dieback
535	Foothills Palo Verde	12		NS	Cambium Damage / Trunk Damage
536	Foothills Palo Verde	10		S	
537	Blue Palo Verde	7		S	
538	Blue Palo Verde	25		S	
539	Saguaro	46	2	PIP	
540	Ironwood	8		NS	Cambium Damage / Trunk Damage
541	Saguaro	29	1	S	
542	Foothills Palo Verde	14		NS	Form / Leaning
543	Graythorn	7		S	
544	Foothills Palo Verde	22		S	
545	Foothills Palo Verde	19		S	
546	Foothills Palo Verde	7		NS	Exposed Roots
547	Foothills Palo Verde	36		PIP	Cambium Damage / Rotted Trunk
548	Saguaro	18		PIP	
549	Foothills Palo Verde	20		S	
550	Barrel	5		PIP	
551	Saguaro	8		S	
552	Mesquite	10		PIP	
553	Barrel	5		PIP	
554	Foothills Palo Verde	23		S	
555	Saguaro	11		S	
556	Foothills Palo Verde	8		S	
557	Barrel	4		S	
558	Foothills Palo Verde	14		S	
559	Foothills Palo Verde	16		PIP	Mistletoe / Broken Branches
560	Foothills Palo Verde	5		S	
561	Foothills Palo Verde	10		S	
562	Foothills Palo Verde	7		NS	Cambium Damage / Branch Dieback
563	Saguaro	124	10	S	
564	Saguaro	4		S	
565	Foothills Palo Verde	7		S	
566	Saguaro	12		PIP	
567	Barrel	4		S	
568	Saguaro	29	2	PIP	
569	Ironwood	30		PIP	Cambium Damage / Trunk Damage
570	Foothills Palo Verde	14		PIP	
571	Mesquite	20		NS	Fire Damage
572	Hackberry	44		NS	Wide Base
573	Foothills Palo Verde	6		NS	Fire Damage / Cambium Damage
574	Foothills Palo Verde	5		S	
575	Foothills Palo Verde	7		PIP	
576	Saguaro	6		NS	
577	Foothills Palo Verde	7		S	
578	Saguaro	49	6	S	
579	Barrel	5		S	
580	Foothills Palo Verde	6		S	
581	Foothills Palo Verde	7		S	
582	Foothills Palo Verde	16		S	
583	Foothills Palo Verde	5		S	
584	Foothills Palo Verde	8		NS	Cambium Damage / Broken Branches
585	Foothills Palo Verde	20		NS	Cambium Damage / Broken Branches
586	Foothills Palo Verde	5		S	
587	Foothills Palo Verde	12		NS	Leaning / Poor Structure
588	Blue Palo Verde	7		PIP	
589	Saguaro	9		PIP	
590	Mesquite	6		PIP	Form / Leaning
591	Foothills Palo Verde	20		S	
592	Foothills Palo Verde	15		S	
593	Foothills Palo Verde	14		S	
594	Foothills Palo Verde	20		NS	Cambium Damage / Broken Branches
595	Foothills Palo Verde	14		PIP	
596	Saguaro	10		S	
597	Foothills Palo Verde	12		S	
598	Foothills Palo Verde	7		S	
599	Barrel	6		S	
600	Mesquite	5		S	
601	Mesquite	5		NS	Cambium Damage / Declining
602	Foothills Palo Verde	5		S	
603	Blue Palo Verde	16		NS	Proximity to Asphalt
604	Foothills Palo Verde	12		S	
605	Blue Palo Verde	6		S	
606	Blue Palo Verde	7		S	
607	Foothills Palo Verde	7		S	
608	Foothills Palo Verde	11		NS	Leaning / Poor Structure
609	Hackberry	6		S	
610	Saguaro	13		PIP	
611	Foothills Palo Verde	8		NS	Form / Leaning
612	Foothills Palo Verde	12		PIP	Cambium Damage
613	Mesquite	14		S	
614	Foothills Palo Verde	8		PIP	Form / Leaning
615	Foothills Palo Verde	12		PIP	
616	Foothills Palo Verde	14		PIP	
617	Mesquite	10		PIP	
618	Ironwood	7		S	
619	Saguaro	9		S	
620	Foothills Palo Verde	16		PIP	
621	Ironwood	20		S	
622	Ironwood	8		S	
623	Blue Palo Verde	18		S	
624	Blue Palo Verde	7		S	
625	Mesquite	8		S	
626	Blue Palo Verde	18		S	
627	Blue Palo Verde	18		S	
628	Blue Palo Verde	14		S	
629	Foothills Palo Verde	7		S	
630	Mesquite	11		S	
631	Mesquite	14		S	
632	Mesquite	14		S	
633	Foothills Palo Verde	5		S	
634	Blue Palo Verde	16		NS	Cambium Damage / Proximity to Wall
635	Mesquite	6		NS	Cambium Damage / Leaning
636	Foothills Palo Verde	18		NS	Cambium Damage / Proximity to Wall
637	Blue Palo Verde	16		NS	Cambium Damage
638	Whitethorn Acacia	8		S	
639	Mesquite	6		S	
640	Ironwood	8		S	
641	Mesquite	6		S	
642	Blue Palo Verde	7		S	
643	Mesquite	12		S	
644	Mesquite	18		S	
645	Foothills Palo Verde	5		NS	Exposed Roots
646	Mesquite	9		S	
647	Mesquite	11		S	
648	Foothills Palo Verde	7		S	
649	Blue Palo Verde	16		NS	Proximity to Wall
650	Mesquite	12		S	
651	Blue Palo Verde	14		S	
652	Blue Palo Verde	22		S	
653	Blue Palo Verde	8		S	
654	Foothills Palo Verde	12		PIP	
655	Blue Palo Verde	22		NS	Cambium Damage / Broken Branches
656	Blue Palo Verde	14		S	
657	Mesquite	8		S	
658	Mesquite	20		S	
659	Foothills Palo Verde	18		NS	Cambium Damage
660	Mesquite	7		S	
661	Ironwood	18		S	
662	Foothills Palo Verde	18		S	
663	Foothills Palo Verde	8		PIP	Form / Leaning
664	Foothills Palo Verde	14		PIP	
665	Foothills Palo Verde	22		NS	Cambium Damage
666	Saguaro	22		NS	Form / Proximity to UG Utilities
667	Mesquite	10		S	
668	Foothills Palo Verde	7		NS	Form / Leaning
669	Saguaro	10		PIP	
670	Saguaro	64	4	PIP	
671	Foothills Palo Verde	5		S	
672	Blue Palo Verde	24		PIP	
673	Foothills Palo Verde	16		S	
674	Blue Palo Verde	6		PIP	Form / Leaning
675	Blue Palo Verde	18		PIP	Trunk Form / Poor Structure
676	Blue Palo Verde	12		PIP	Trunk Form / Poor Structure
677	Blue Palo Verde	16		PIP	
678	Blue Palo Verde	5		NS	Form / Proximity to Asphalt
679	Foothills Palo Verde	7		PIP	Exposed Roots / Leaning
680	Saguaro	11		PIP	
681	Foothills Palo Verde	9		NS	Trunk Form / Poor Structure
682	Foothills Palo Verde	16		NS	Cambium Damage
683	Foothills Palo Verde	8		NS	Cambium Damage
684	Foothills Palo Verde	10		PIP	
685	Foothills Palo Verde	10		PIP	Cambium Damage
686	Foothills Palo Verde	24		PIP	Proximity to Wall
687	Foothills Palo Verde	16		PIP	Cambium Damage
688	Mesquite	8		S	
689	Ironwood	22		S	
690	Saguaro	7		PIP	
691	Foothills Palo Verde	8		S	
692	Foothills Palo Verde	20		PIP	Mistletoe / Cambium Damage
693	Ironwood	7		PIP	Form / Leaning
694	Saguaro	7		PIP	
695	Saguaro	9		PIP	
696	Foothills Palo Verde	7		PIP	
697	Foothills Palo Verde	24		PIP	Mistletoe
698	Ironwood	6		PIP	
699	Ironwood	7		PIP	
700	Mesquite	7		PIP	
701	Blue Palo Verde	16		PIP	

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phoenix, arizona 85040
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Summary	Trees	Cacti
Salvagable	333	82
Non-Salvageable	172	9
Protect-In-Place	75	29

Legend
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35538
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Date Signed
A PROFESSIONAL

CITY OF SCOTTSDALE
ARIZONA

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SCALE	DESIGNED		BID NO.	SHT
HORIZ.	RC	09/2023		NPI103
VERT.	DRAWN	AS-BUILT	COS PROJECT NO.	
	MM/AF		SG05	187 OF 299

PLAN REVIEW NO. 2522-22

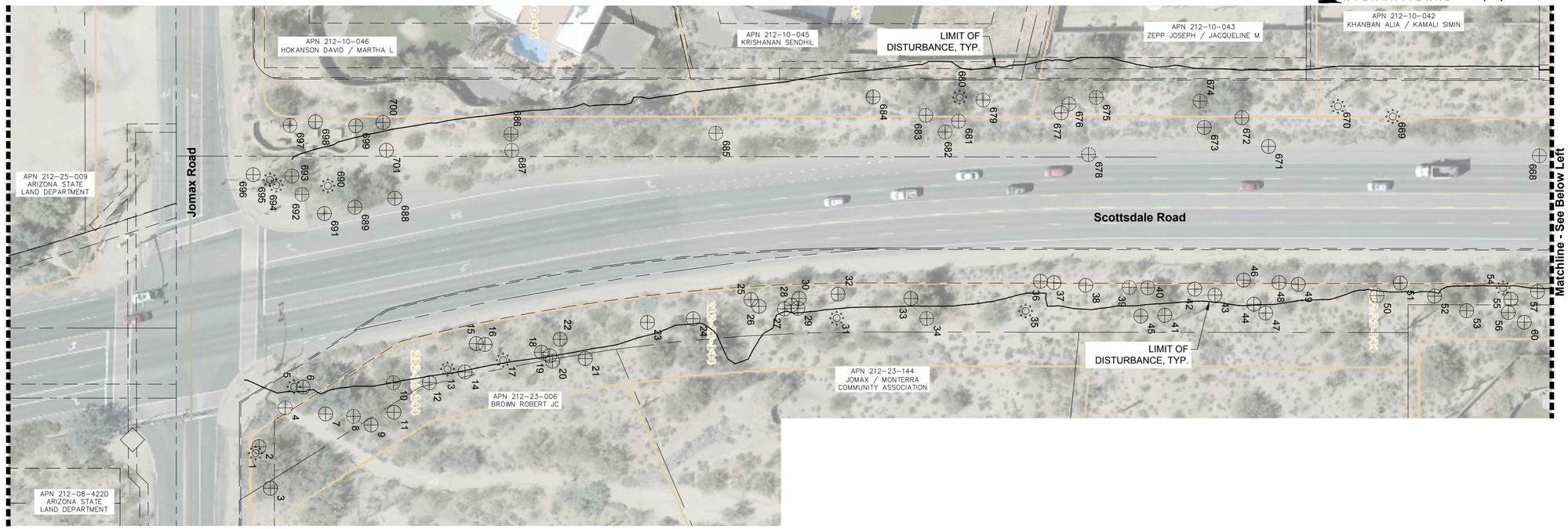
2-DR-2024
2/27/24

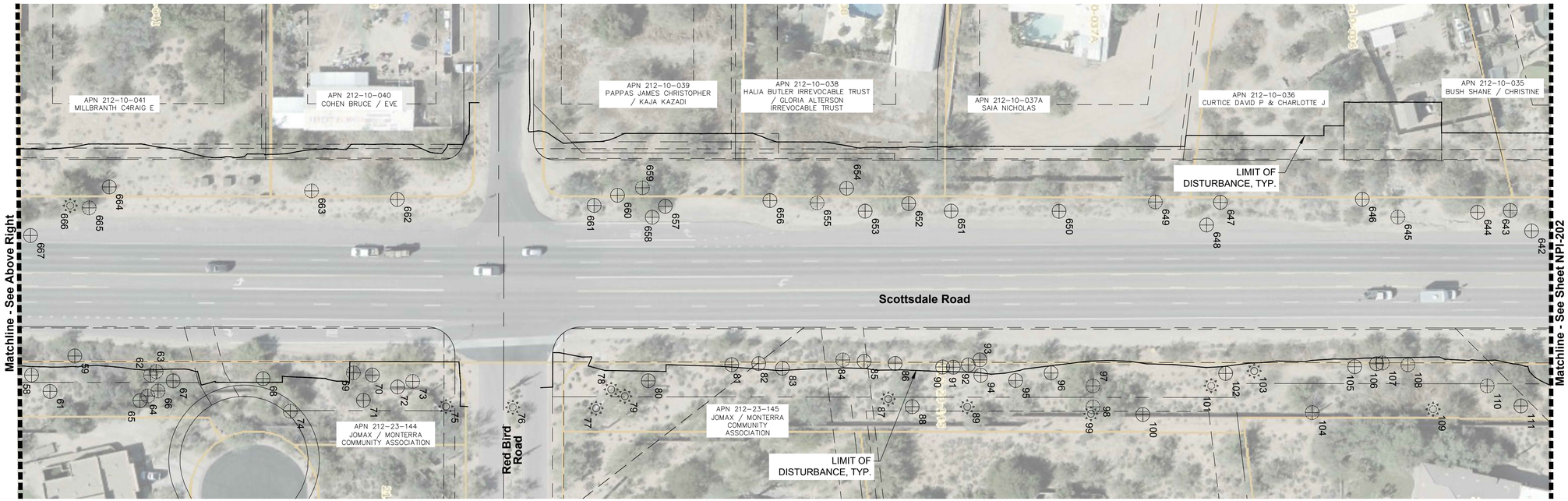
PLOT DATE: Sep 26, 2023

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Phoenix, AZ. 85085
Phone (623) 869-6757
Fax (623) 869-6769

J2 engineering and environmental design
4649 east cotton gin loop, suite B2
phoenix, arizona 85040
phone: 602.438.2221
www.j2design.us





NATIVE PLANT SYMBOL LEGEND

TREE

CACTI

NATIVE PLANT INVENTORY NOTES:

1. THE NATIVE PLANT SALVAGE CONTRACTOR SHALL REVIEW THIS PROJECT WITH THE CITY ENGINEER PRIOR TO STARTING WORK.
2. SHOULD THE NATIVE PLANT SALVAGE CONTRACTOR HAVE ANY QUESTIONS REGARDING THESE PLANS OR SHOULD THERE BE ANY DISCREPANCIES, THE CONTRACTOR SHALL CONTACT THE CITY ENGINEER FOR CLARIFICATION BEFORE PROCEEDING FURTHER WITH ANY OTHER WORK.
3. SEE NATIVE PLANT SHEET NPI101, NPI102, & NPI103 FOR COMPLETE NATIVE PLANT INVENTORY SUMMARY TABLES AND INFORMATION.

0 20 40 80
HORIZONTAL 1"= 40'

THIS SHEET SCALED FOR 24"X36" BORDER

1"=40'

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Landscape Architect
CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
ARIZONA U.S.A.

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
NATIVE PLANT INVENTORY

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ.	RC	09/2023		NPI201
VERT.	DRAWN	AS-BUILT	COS PROJECT NO.	189 OF 299
	MM/AF		SG05	

PLAN REVIEW NO. 2522-22

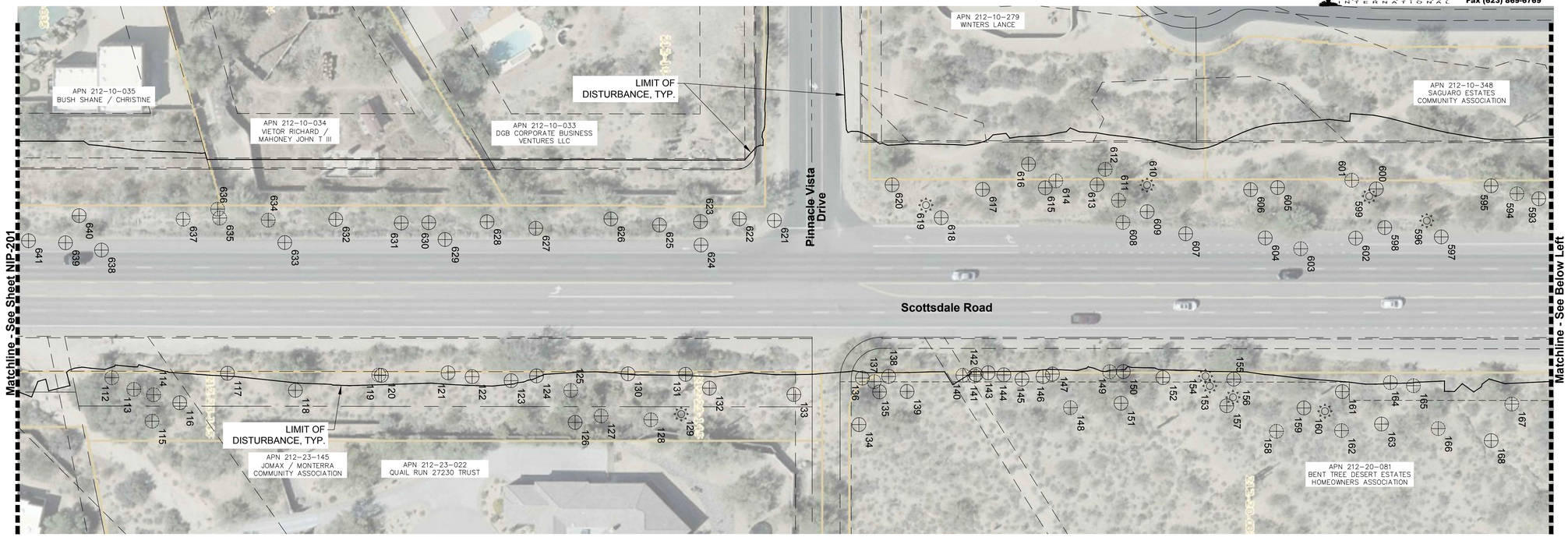
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2/27/24

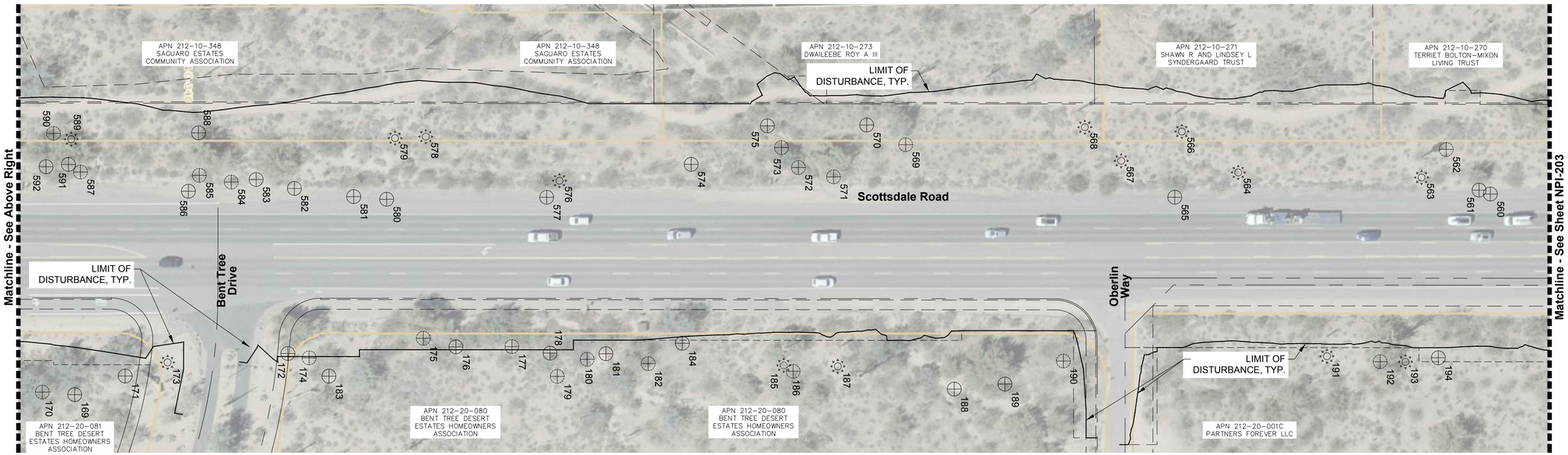
PLOT DATE: Sep 26, 2023

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Native Resources Intl.
1540 W Happy Valley Rd.
Phoenix, AZ. 85085
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ENGINEER
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CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
AMONTH, DAY, YEAR

CITY OF SCOTTSDALE ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
NATIVE PLANT INVENTORY

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ.	RC			NPI202
VERT.	DRAWN MM / AF	AS-BUILT	COS PROJECT NO. SG05	190 OF 299

1"=40'

PLAN REVIEW NO. 2522-22

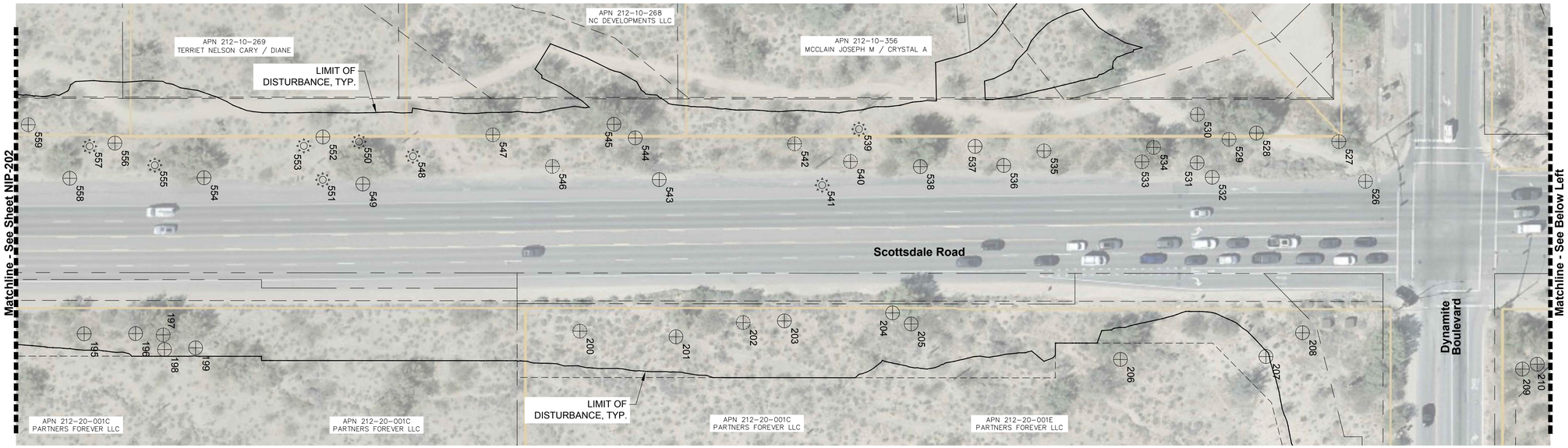
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2/27/24

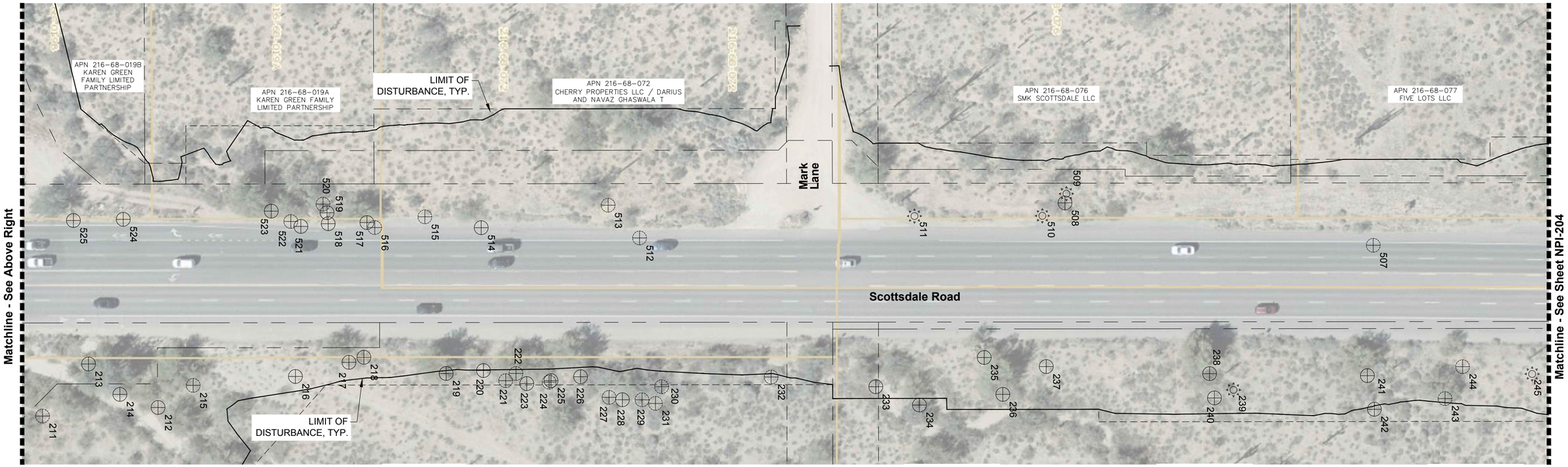
PLOT DATE: Sep 26, 2023

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Native Resources International
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NATIVE PLANT SYMBOL LEGEND

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ENGINEER
Registered Landscape Architect
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35538
JEFFREY T. VELASQUEZ
Date Signed
4/30/2024
PAGES NOT VALID WITHOUT ORIGINAL SIGNATURE

CITY OF SCOTTSDALE
PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
NATIVE PLANT INVENTORY

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ.	RC			NPI203
VERT.	DRAWN MM / AF	AS-BUILT	COS PROJECT NO. SG05	191 OF 299

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

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NATIVE PLANT SYMBOL LEGEND

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ARIZONA U.S.A.

CITY OF SCOTTSDALE ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
NATIVE PLANT INVENTORY

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ.	RC			NPI204
VERT.	DRAWN MM / AF	AS-BUILT	COS PROJECT NO. SG05	192 OF 299

1"=40'

PLAN REVIEW NO. 2522-22

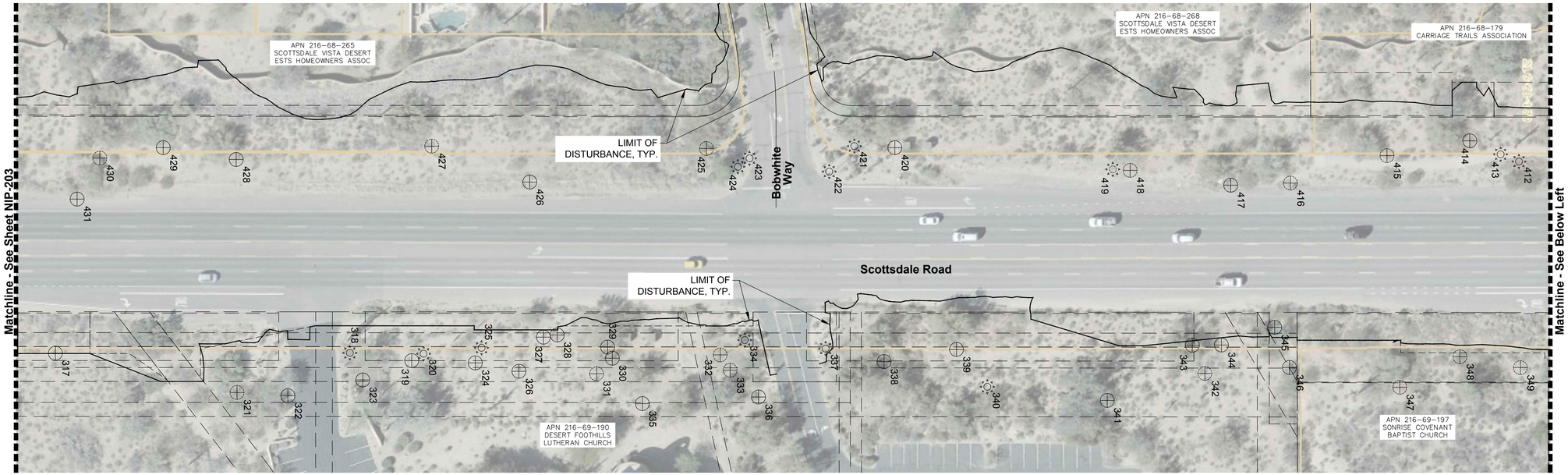
2-DR-2024
2/27/24

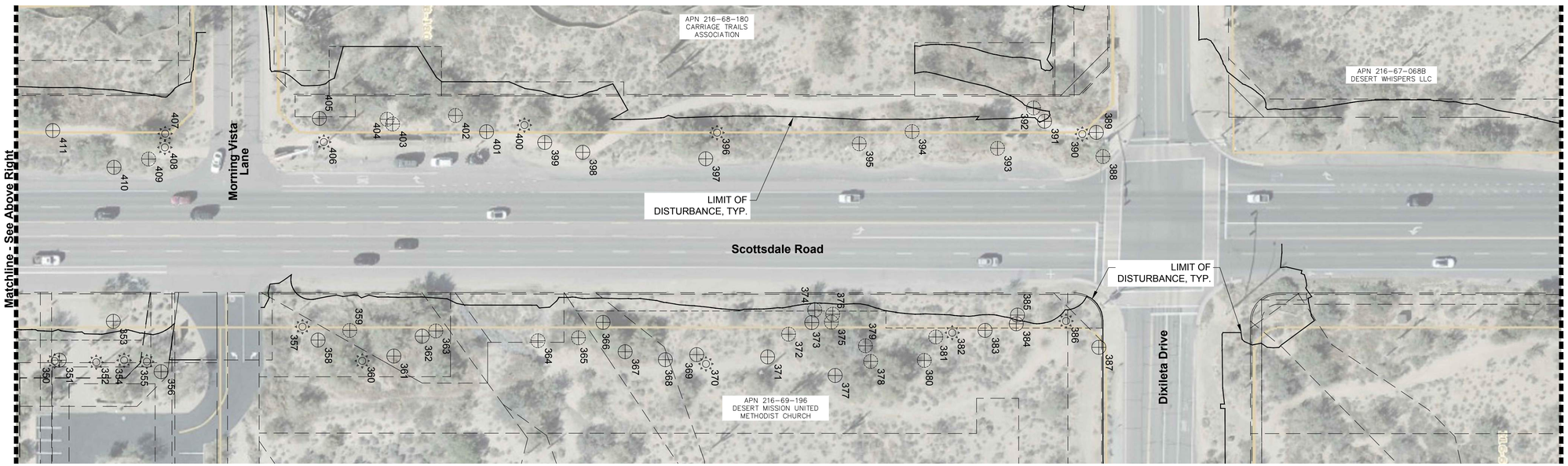
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NATIVE PLANT SYMBOL LEGEND

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Date Signed
ARIZONA U.S.A.

CITY OF SCOTTSDALE ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
NATIVE PLANT INVENTORY

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ.	RC			NPI205
VERT.	DRAWN MM/AF	AS-BUILT	COS PROJECT NO. SG05	193 OF 299

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\2Cad Sheets\1390-NPI200.dwg

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION
1		DECOMPOSED GRANITE, (COS 2620) (RAISED MEDIANS) (1/4" MINUS) (2" MIN. DEPTH) (PALOMINO GOLD)
2		DECOMPOSED GRANITE (STABILIZED) (TRAIL) (1/4" MINUS) (2-2" LIFTS / 4" MIN. DEPTH) (PALOMINO GOLD)
3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)
5		RIP RAP 8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55) (12" MIN. DEPTH) (PALOMINO GOLD) (CHECK DAMS) (ROUNDABOUT INFIELD BUFFER)

HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION	
6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	
7		DECOMPOSED GRANITE RESTORATION ALLOWANCE (COS & PRIVATE PROPERTY) (COS 2620) (MATCHING GRADATION & COLOR) (1" MIN. DEPTH)	
8	A	PIT RUN BOULDER: 800 LBS - 2'x2'x2'	SHEET HD02, DETAIL 3
9	B	PIT RUN BOULDER: 2,700 LBS - 3'x3'x3'	SHEET HD02, DETAIL 3
10	C	PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'	SHEET HD02, DETAIL 3
11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
12		ROCK CHECK DAM	SHEET HD03, DETAIL 3

GENERAL NOTES

CONTRACTOR NOTES:

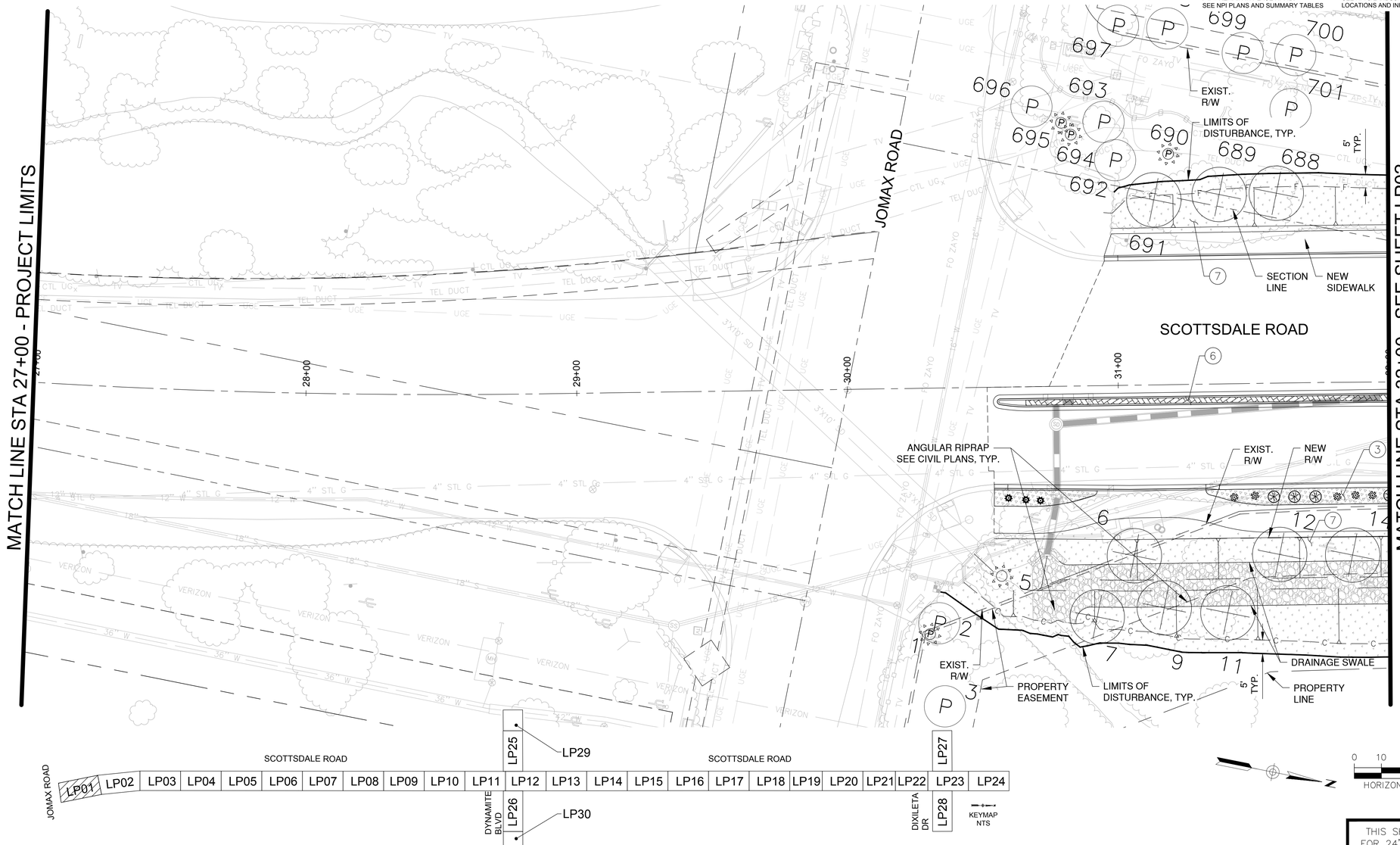
1. SEE HN01 FOR HARDSCAPE SCHEDULE WITH INERT MATERIALS INFORMATION.
2. CONTRACTOR SHALL FIELD STAKE LOCATIONS OF SURFACE MATERIAL LAYOUT AREAS AND OBTAIN CITY ENGINEER APPROVAL PRIOR TO CONSTRUCTION OPERATIONS.
3. CONTRACTOR SHALL PROVIDE 3 GALLON SAMPLES OF ALL NEW AND MATCHING DECOMPOSE GRANITE "GRADATION AND COLOR" TO CITY ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING ANY NEW LANDSCAPE OR LANDSCAPE RESTORATION WORK.
4. SVT- SIGHT VISIBILITY TRIANGLES AND SDL- SIGHT DISTANCE LINES PER COS DS&PM STANDARDS.
5. MEDIAN AND LANDSCAPE BUFFER GRADE ELEVATIONS: +X OR -X SPOT ELEVATIONS WITHIN MEDIANS BUFFERS ARE REFERENCED TO THE CONTAINMENT TOP OF CURB (TOC) HEIGHT.
6. CONTRACTOR TO PROTECT IN PLACE EXISTING ALL SIGNAGE, TRAFFIC SIGNAL EQUIPMENT, FIBER OPTIC CONDUIT AND EQUIPMENT.

LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
	OLNEYA TESOTA	IRONWOOD TREE
	PROSOPIS VELUTINA	ARIZONA MESQUITE
	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
	# = NPI ID. SEE NPI PLANS AND SUMMARY TABLES	SEE NPI & LANDSCAPE FOR LOCATIONS AND INFORMATION.
P #	CERCIDIUM SPECIES OLNEYA TESOTA	FOOTHILLS PALO VERDE BLUE PALO VERDE IRONWOO TREE
P #	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS	SAGUARO OCOTILLO

P # = REMAIN IN PLACE NPI ID. SEE NPI PLANS AND SUMMARY TABLES — SEE NPI & LANDSCAPE FOR LOCATIONS AND INFORMATION.



0 10 20 40
HORIZONTAL 1"= 20'

J2 engineering and environmental design
4649 east cotton gin loop, suite B2
phoenix, arizona 85040
phone: 602.438.2221
www.j2design.us

NEW PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES:	
	CHILOPSIS LINEARIS 'LUCRETIA HAMILTON'	DESERT WILLOW
	OLNEYA TESOTA	IRONWOOD
	PARKINSONIA MICROPHYLLUM	FOOTHILLS PALO VERDE
	SHRUBS:	
	AMBROSIA DELTOIDEA	BURSAGE
	ANISACANTHUS THURBERI	DESERT HONEYSUCKLE
	ARISTIDA PURPUREA	PURPLE THREEAWN
	CALLIANDRA ERIOPHYLLA	PINK FAIRY DUSTER
	ENCELIA FARINOSA	BRITTLEBUSH
	HESPERALOE PARVIFLORA 'BRAKELIGHTS'	BRAKELIGHTS HESPERALOE
	JUSTICIA CALIFORNICA	CHUPAROSA
	LARREA TRIDENTATA	CREOSOTE
	GROUNDCOVERS:	
	ABRONIA VILLOSA	SAND VERBENA
	BAILEYA MULTIRADIATA	DESERT MARIGOLD
	PENSTEMON PARRYI	PARRY'S PENSTEMON
	ACCENTS / CACTUS	
	ALOE 'BLUE ELF'	'BLUE ELF' ALOE
	CARNEGIEA GIGANTEA	SAGUARO
	DASYLIRION WHEELERI	DESERT SPOON
	ECHINOCEREUS ENGLEMANNII	HEDGEHOG CACTUS
	FEROCACTUS WISLIZENI	FISHHOOK BARREL CACTUS
	FOUQUIERA SPLENDENS	OCOTILLO
	MUHLENBERGIA CAPILLARIS	REGAL MIST
	OPUNTIA VERSICOLOR	STAGHORN CHOLLA
	OPUNTIA LEPTOCAULIS	DESERT CHRISTMAS CHOLLA
	OPUNTIA ENGELMANNII	ENGELMANN'S PRICKLEY PEAR
	YUCCA BACCATA	BANANA YUCCA

CONTRACTOR NOTES:
1. EXISTING NATIVE PLANT MATERIAL SHALL BE INVENTORIED WITHIN THE PROJECT LIMITS AND BE EITHER PROTECTED IN PLACE OR RELOCATED IN PROPOSED LANDSCAPE AREAS AS NOTED ON PLANTING PLANS.
2. REFER TO PLAN SHEET LN01 FOR PLANTING AND INERT MATERIALS LEGENDS WITH PRODUCT AND MFG INFORMATION.

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
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DATE	REVISION	BY

ENGINEER: Registered Landscape Architect, CERTIFICATE NO. 35538, JEFFREY T. VELASQUEZ, Date Signed 2/27/24

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE: LANDSCAPE PLAN

PROJECT TITLE: SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=20'	RC	09/2023		LP01
VERT.	DRAWN MM/AF	AS-BUILT	COS PROJECT NO. SG05	195 OF 299

THIS SHEET SCALED FOR 24"X36" BORDER

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\2Cad\Sheets\1390-LS200.dwg

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION
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3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)
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HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

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6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	
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10		PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'	SHEET HD02, DETAIL 3
11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
12		ROCK CHECK DAM	SHEET HD03, DETAIL 3

GENERAL NOTES

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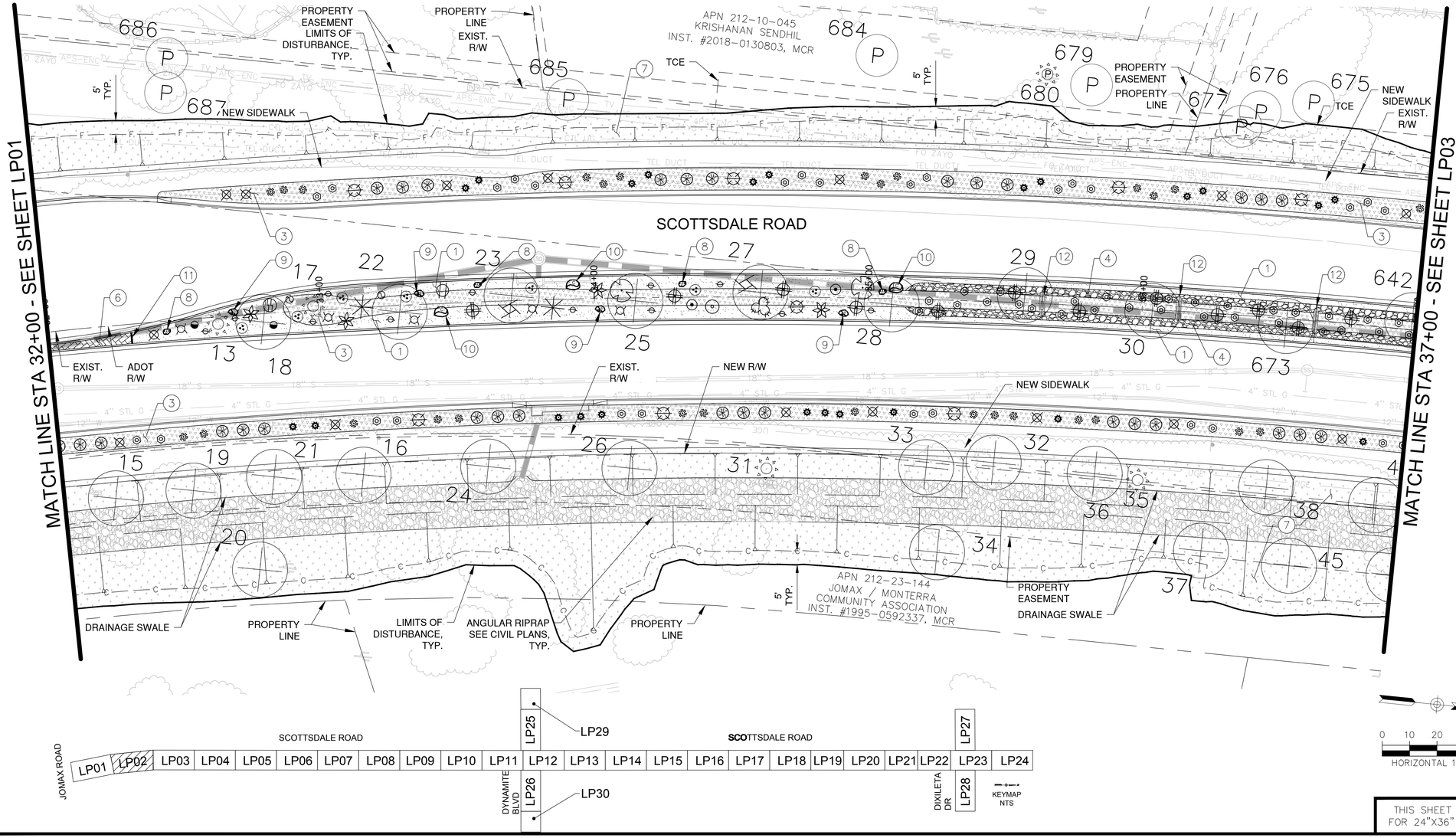
LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
#	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
#	OLNEYA TESOTA	IRONWOOD TREE
#	PROSOPIS VELUTINA	ARIZONA MESQUITE
#	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
	# = NPI ID. SEE NPI PLANS AND SUMMARY TABLES	SEE NPI & LANDSCAPE FOR LOCATIONS AND INFORMATION.
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P #	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS	SAGUARO OCOTILLO

P # = REMAIN IN PLACE NPI ID. SEE NPI PLANS AND SUMMARY TABLES

SEE NPI & LANDSCAPE FOR LOCATIONS AND INFORMATION.



0 10 20 40

HORIZONTAL 1"= 20'

THIS SHEET SCALED FOR 24"X36" BORDER

NEW PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES:	
	CHILOPSIS LINEARIS 'LUCRETIA HAMILTON'	DESERT WILLOW
	OLNEYA TESOTA	IRONWOOD
	PARKINSONIA MICROPHYLLUM	FOOTHILLS PALO VERDE
	SHRUBS:	
	AMBROSIA DELTOIDEA	BURSAGE
	ANISACANTHUS THURBERI	DESERT HONEYSUCKLE
	ARISTIDA PURPUREA	PURPLE THREEAWN
	CALLIANDRA ERIOPHYLLA	PINK FAIRY DUSTER
	ENCELIA FARINOSA	BRITTLEBUSH
	HESPERALOE PARVIFLORA 'BRAKELIGHTS'	BRAKELIGHTS HESPERALOE
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	GROUNDCOVERS:	
	ABRONIA VILLOSA	SAND VERBENA
	BAILEYA MULTIRADIATA	DESERT MARIGOLD
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	ALOE 'BLUE ELF'	'BLUE ELF' ALOE
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	FOUQUIERA SPLENDENS	OCOTILLO
	MUHLENBERGIA CAPILLARIS	REGAL MIST
	OPUNTIA VERSICOLOR	STAGHORN CHOLLA
	OPUNTIA LEPTOCAULIS	DESERT CHRISTMAS CHOLLA
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	YUCCA BACCATA	BANANA YUCCA

CONTRACTOR NOTES:
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Registered Landscape Architect
CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
2/27/2024

CITY OF SCOTTSDALE ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ. 1"=20'	RC			LP02
VERT.	DRAWN MM / AF	AS-BUILT	COS PROJECT NO. SG05	196 OF 299

PLAN REVIEW NO. 2522-22

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\J2Cad\Sheets\1390-LS200.dwg

2-DR-2024
2/27/24

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION
1		DECOMPOSED GRANITE, (COS 2620) (RAISED MEDIANS) (1/4" MINUS) (2" MIN. DEPTH) (PALOMINO GOLD)
2		DECOMPOSED GRANITE (STABILIZED) (TRAIL) (1/4" MINUS) (2-2" LIFTS / 4" MIN. DEPTH) (PALOMINO GOLD)
3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)
5		RIP RAP 8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55) (12" MIN. DEPTH) (PALOMINO GOLD) (CHECK DAMS) (ROUNDABOUT INFIELD BUFFER)

HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION	
6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	
7		DECOMPOSED GRANITE RESTORATION ALLOWANCE (COS & PRIVATE PROPERTY) (COS 2620) (MATCHING GRADATION & COLOR) (1" MIN. DEPTH)	
8		PIT RUN BOULDER: 800 LBS - 2'x2'x2'	SHEET HD02, DETAIL 3
9		PIT RUN BOULDER: 2,700 LBS - 3'x3'x3'	SHEET HD02, DETAIL 3
10		PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'	SHEET HD02, DETAIL 3
11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
12		ROCK CHECK DAM	SHEET HD03, DETAIL 3

GENERAL NOTES

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4. SVT- SIGHT VISIBILITY TRIANGLES AND SDL- SIGHT DISTANCE LINES PER COS DS&PM STANDARDS.
5. MEDIAN AND LANDSCAPE BUFFER GRADE ELEVATIONS: +X OR -X SPOT ELEVATIONS WITHIN MEDIANS BUFFERS ARE REFERENCED TO THE CONTAINMENT TOP OF CURB (TOC) HEIGHT.
6. CONTRACTOR TO PROTECT IN PLACE EXISTING ALL SIGNAGE, TRAFFIC SIGNAL EQUIPMENT, FIBER OPTIC CONDUIT AND EQUIPMENT.

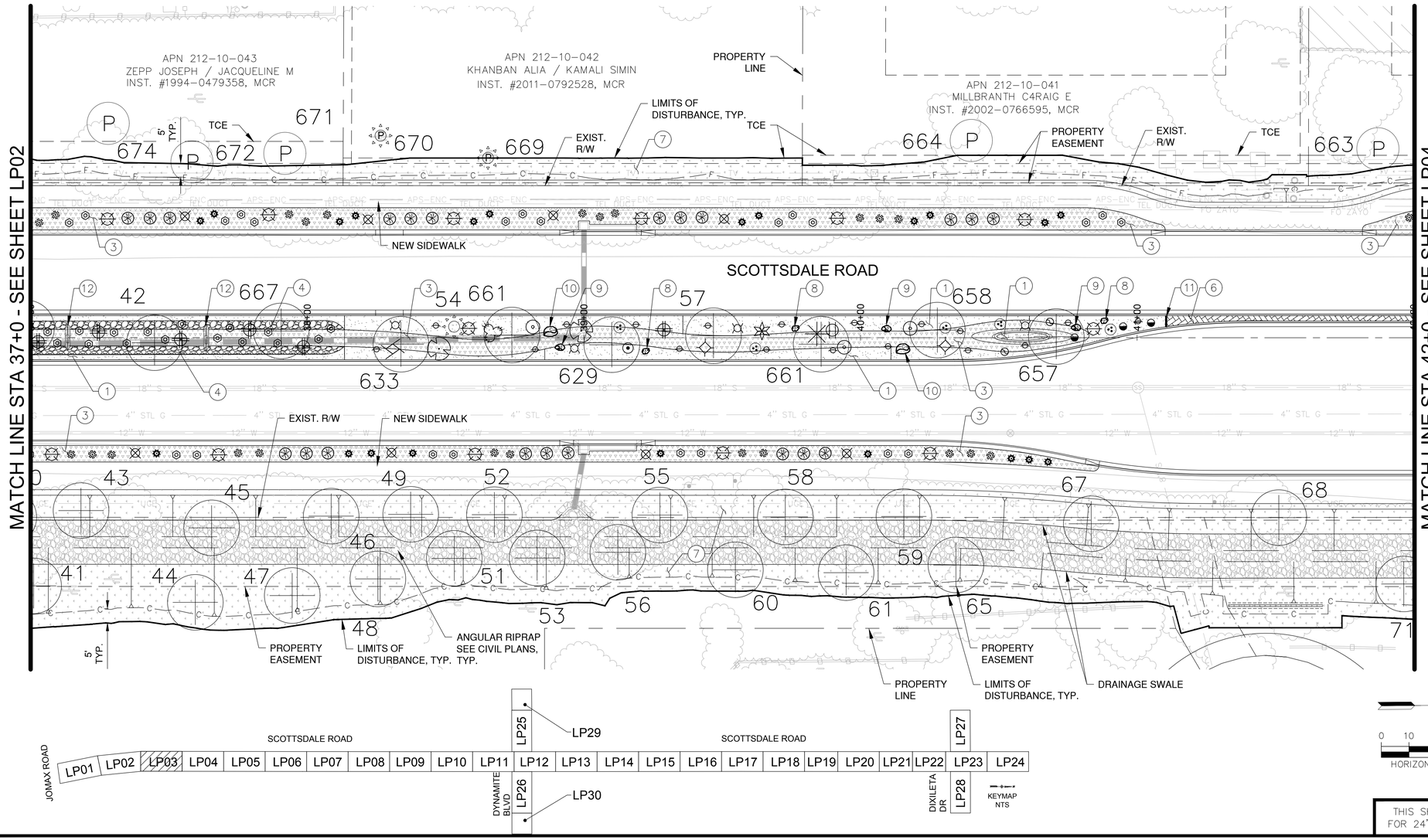
LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
#	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
#	OLNEYA TESOTA	IRONWOOD TREE
#	PROSOPIS VELUTINA	ARIZONA MESQUITE
#	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
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NEW PLANT LEGEND

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	TREES:	
	CHILOPSIS LINEARIS 'LUCRETIA HAMILTON'	DESERT WILLOW
	OLNEYA TESOTA	IRONWOOD
	PARKINSONIA MICROPHYLLUM	FOOTHILLS PALO VERDE
	SHRUBS:	
	AMBROSIA DELTOIDEA	BURSAGE
	ANISACANTHUS THURBERI	DESERT HONEYSUCKLE
	ARISTIDA PURPUREA	PURPLE THREEAWN
	CALLIANDRA ERIOPHYLLA	PINK FAIRY DUSTER
	ENCELIA FARINOSA	BRITTLEBUSH
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	DASYLIRION WHEELERI	DESERT SPOON
	ECHINOCEREUS ENGLEMANNII	HEDGEHOG CACTUS
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PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

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HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

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LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
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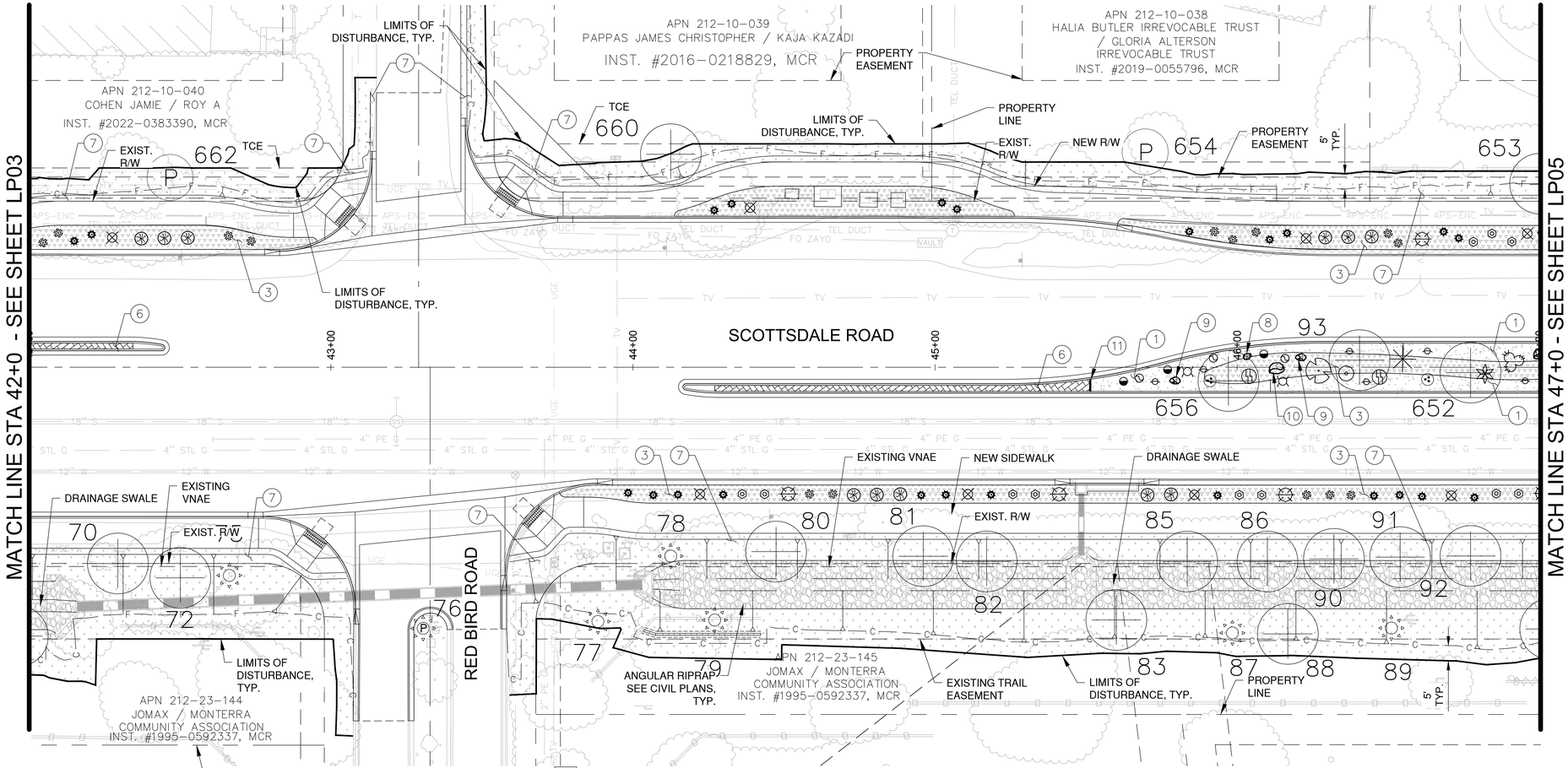
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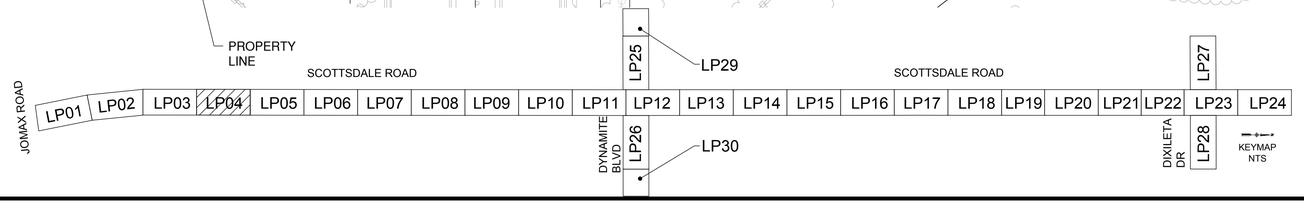
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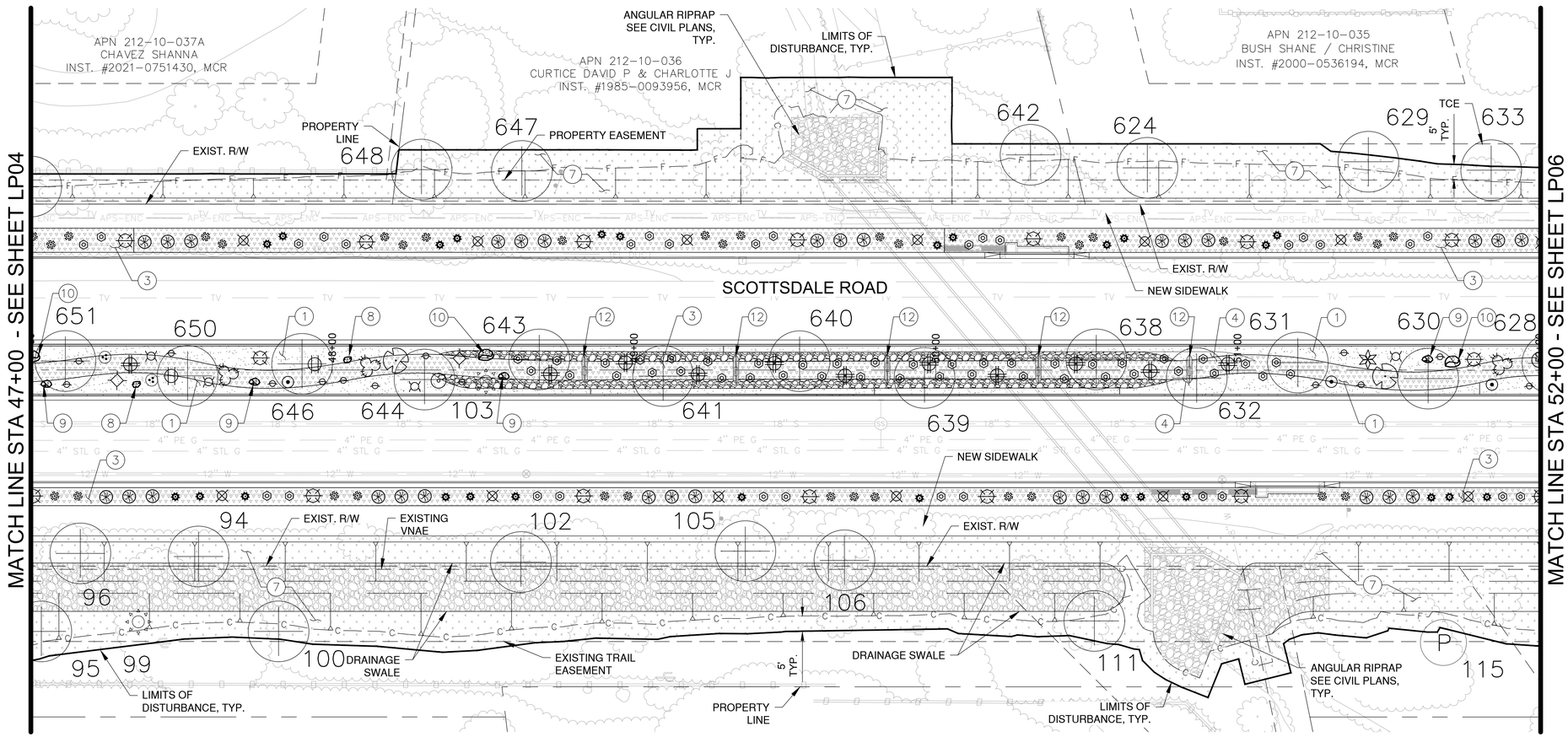
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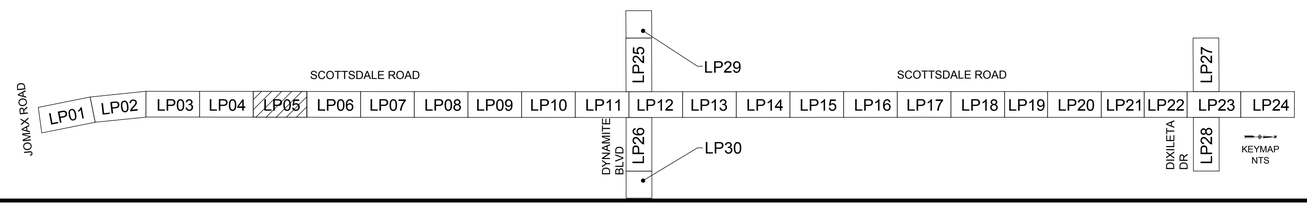
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HORIZONTAL 1"= 20'

DATE	REVISION	BY

ENGINEER
Registered Landscape Architect
CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
4/09/2023

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ. 1"=20'	RC			LP05
VERT.	DRAWN MM/AF	AS-BUILT	COS PROJECT NO. SG05	199 OF 299

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\J2Cad\Sheets\1390-LS200.dwg

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION
1		DECOMPOSED GRANITE, (COS 2620) (RAISED MEDIANS) (1/4" MINUS) (2" MIN. DEPTH) (PALOMINO GOLD)
2		DECOMPOSED GRANITE (STABILIZED) (TRAIL) (1/4" MINUS) (2-2" LIFTS / 4" MIN. DEPTH) (PALOMINO GOLD)
3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)
5		RIP RAP 8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55) (12" MIN. DEPTH) (PALOMINO GOLD) (CHECK DAMS) (ROUNDABOUT INFIELD BUFFER)

HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION	
6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	
7		DECOMPOSED GRANITE RESTORATION ALLOWANCE (COS & PRIVATE PROPERTY) (COS 2620) (MATCHING GRADATION & COLOR) (1" MIN. DEPTH)	
8		PIT RUN BOULDER: 800 LBS - 2'x2'x2'	SHEET HD02, DETAIL 3
9		PIT RUN BOULDER: 2,700 LBS - 3'x3'x3'	SHEET HD02, DETAIL 3
10		PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'	SHEET HD02, DETAIL 3
11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
12		ROCK CHECK DAM	SHEET HD03, DETAIL 3

GENERAL NOTES

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5. MEDIAN AND LANDSCAPE BUFFER GRADE ELEVATIONS: +X OR -X SPOT ELEVATIONS WITHIN MEDIANS BUFFERS ARE REFERENCED TO THE CONTAINMENT TOP OF CURB (TOC) HEIGHT.
6. CONTRACTOR TO PROTECT IN PLACE EXISTING ALL SIGNAGE, TRAFFIC SIGNAL EQUIPMENT, FIBER OPTIC CONDUIT AND EQUIPMENT.

LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
	OLNEYA TESOTA	IRONWOOD TREE
	PROSOPIS VELUTINA	ARIZONA MESQUITE
	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
	# = NPI ID. SEE NPI PLANS AND SUMMARY TABLES	SEE NPI & LANDSCAPE FOR LOCATIONS AND INFORMATION.
P #	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
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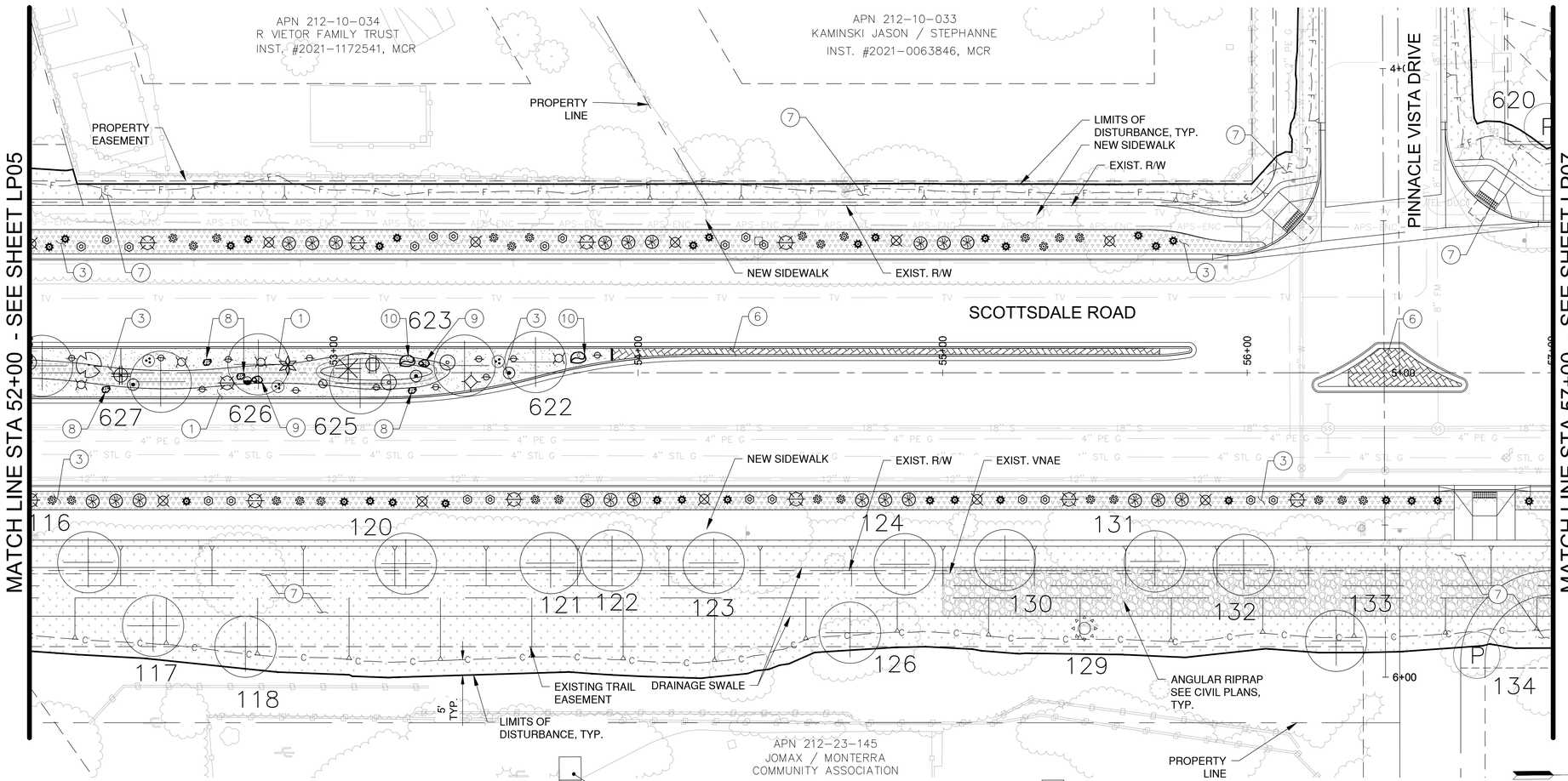
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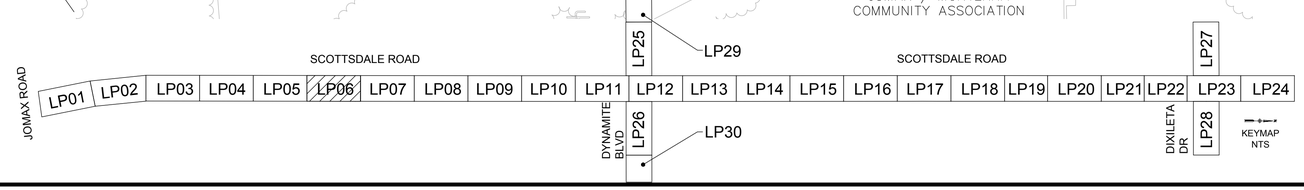
J2 engineering and environmental design
4649 east cotton gin loop, suite B2
phoenix, arizona 85040
phone: 602.438.2221
www.j2design.us

NEW PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES:	
	CHILOPSIS LINEARIS 'LUCRETIA HAMILTON'	DESERT WILLOW
	OLNEYA TESOTA	IRONWOOD
	PARKINSONIA MICROPHYLLUM	FOOTHILLS PALO VERDE
	SHRUBS:	
	AMBROSIA DELTOIDEA	BURSAGE
	ANISACANTHUS THURBERI	DESERT HONEYSUCKLE
	ARISTIDA PURPUREA	PURPLE THREEAWN
	CALLIANDRA ERIOPHYLLA	PINK FAIRY DUSTER
	ENCELIA FARINOSA	BRITTLEBUSH
	HESPERALOE PARVIFLORA 'BRAKELIGHTS'	BRAKELIGHTS HESPERALOE
	JUSTICIA CALIFORNICA	CHUPAROSA
	LARREA TRIDENTATA	CREOSOTE
	GROUNDCOVERS:	
	ABRONIA VILLOSA	SAND VERBENA
	BAILEYA MULTIRADIATA	DESERT MARIGOLD
	PENSTEMON PARRYI	PARRY'S PENSTEMON
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	CARNEGIEA GIGANTEA	SAGUARO
	DASYLIRION WHEELERI	DESERT SPOON
	ECHINOCEREUS ENGLEMANNII	HEDGEHOG CACTUS
	FEROCACTUS WISLIZENI	FISHHOOK BARREL CACTUS
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HARDSCAPE LEGEND CONT.

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LANDSCAPE LEGEND

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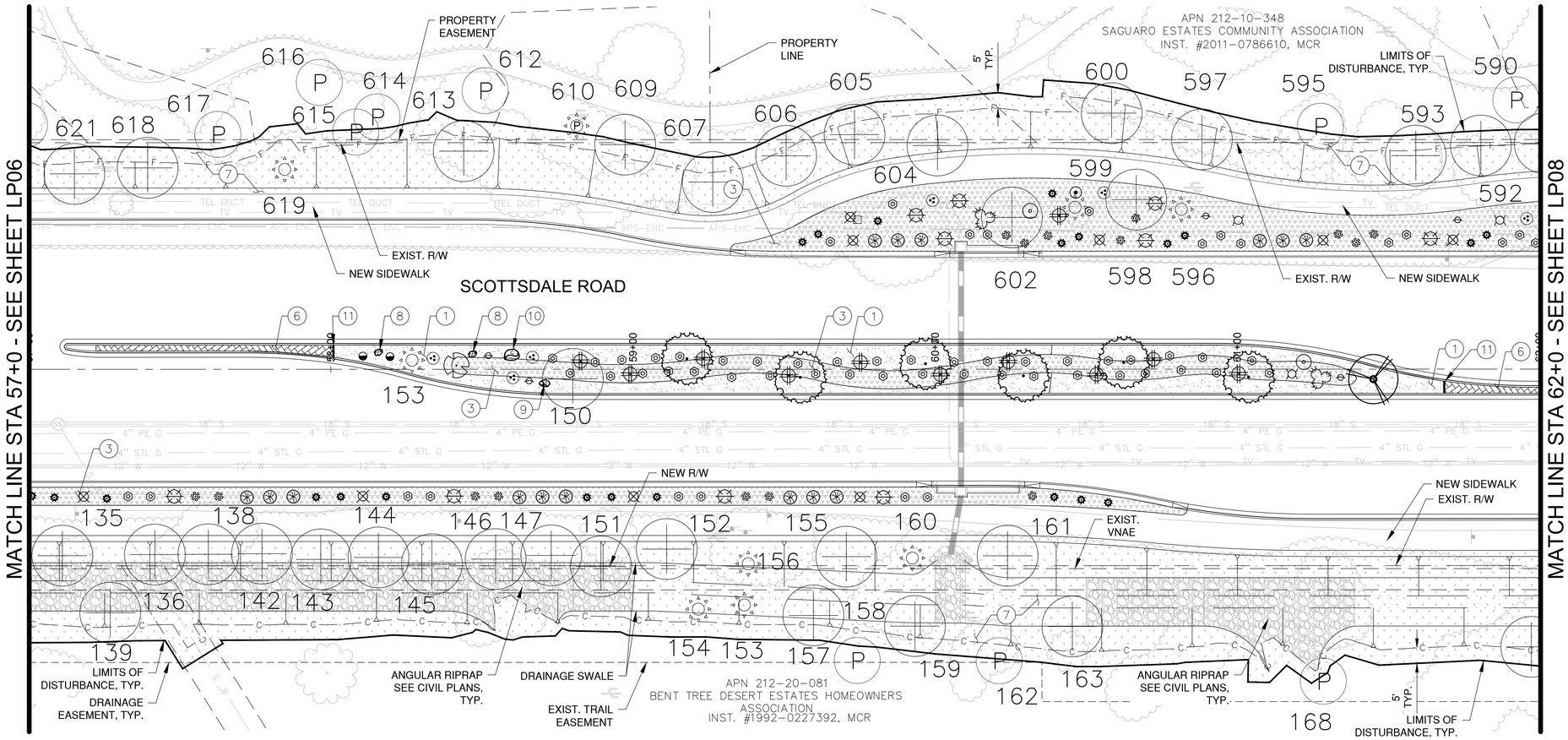
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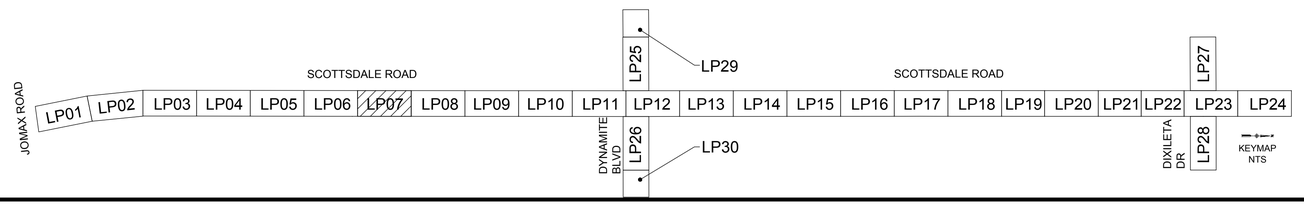
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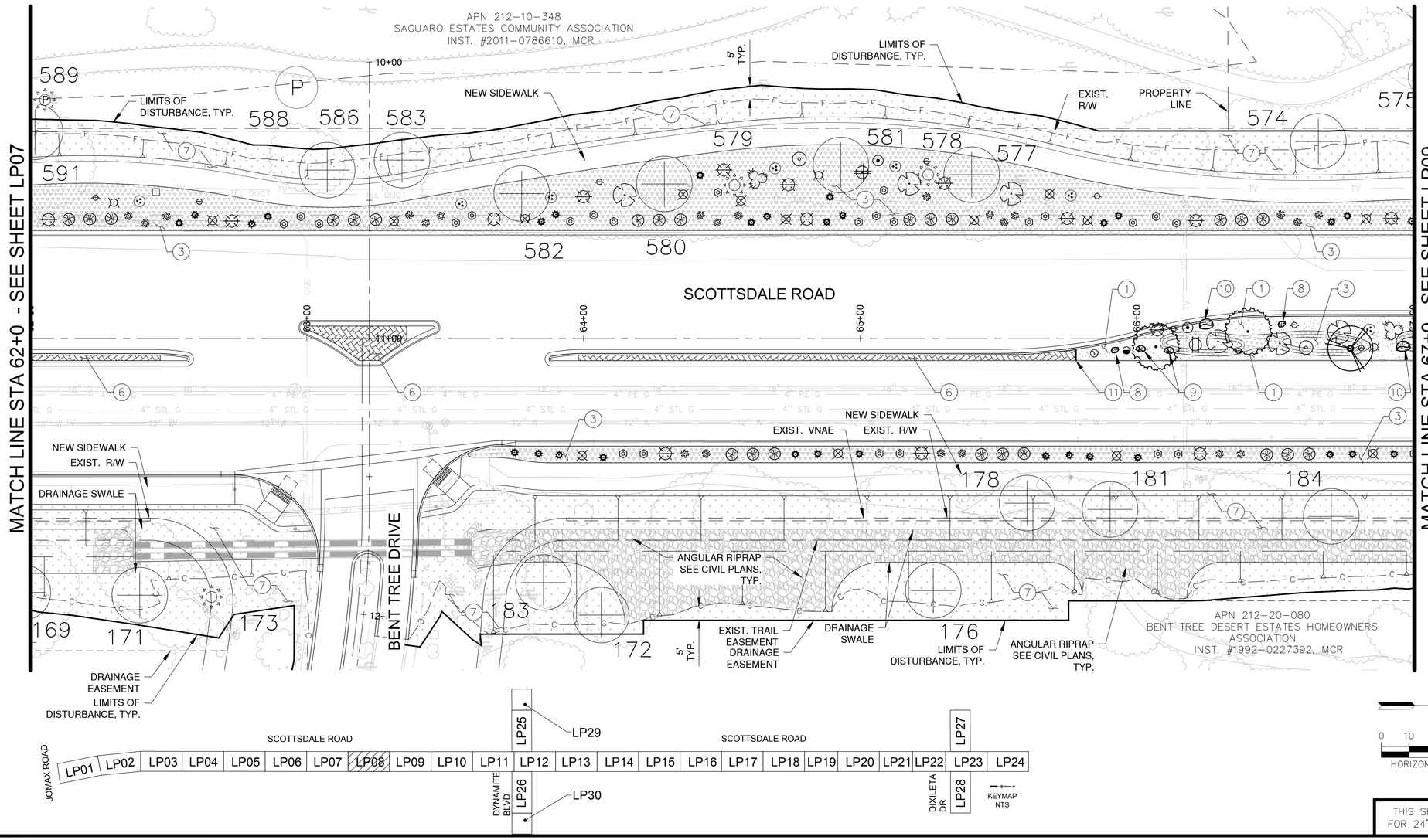
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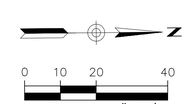
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JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=20'	RC	09/2023		LP08
VERT.	DRAWN	AS-BUILT	COS PROJECT NO.	
	MM/AF		SG05	202 OF 299

PLAN REVIEW NO. 2522-22

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\J2cad\Sheets\1390-LS200.dwg

2-DR-2024
2/27/24

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION
1		DECOMPOSED GRANITE, (COS 2620) (RAISED MEDIANS) (1/4" MINUS) (2" MIN. DEPTH) (PALOMINO GOLD)
2		DECOMPOSED GRANITE (STABILIZED) (TRAIL) (1/4" MINUS) (2-2" LIFTS / 4" MIN. DEPTH) (PALOMINO GOLD)
3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)
5		RIP RAP 8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55) (12" MIN. DEPTH) (PALOMINO GOLD) (CHECK DAMS) (ROUNDABOUT INFIELD BUFFER)

HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION	
6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	
7		DECOMPOSED GRANITE RESTORATION ALLOWANCE (COS & PRIVATE PROPERTY) (COS 2620) (MATCHING GRADATION & COLOR) (1" MIN. DEPTH)	
8		PIT RUN BOULDER: 800 LBS - 2'x2'x2'	SHEET HD02, DETAIL 3
9		PIT RUN BOULDER: 2,700 LBS - 3'x3'x3'	SHEET HD02, DETAIL 3
10		PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'	SHEET HD02, DETAIL 3
11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
12		ROCK CHECK DAM	SHEET HD03, DETAIL 3

GENERAL NOTES

CONTRACTOR NOTES:

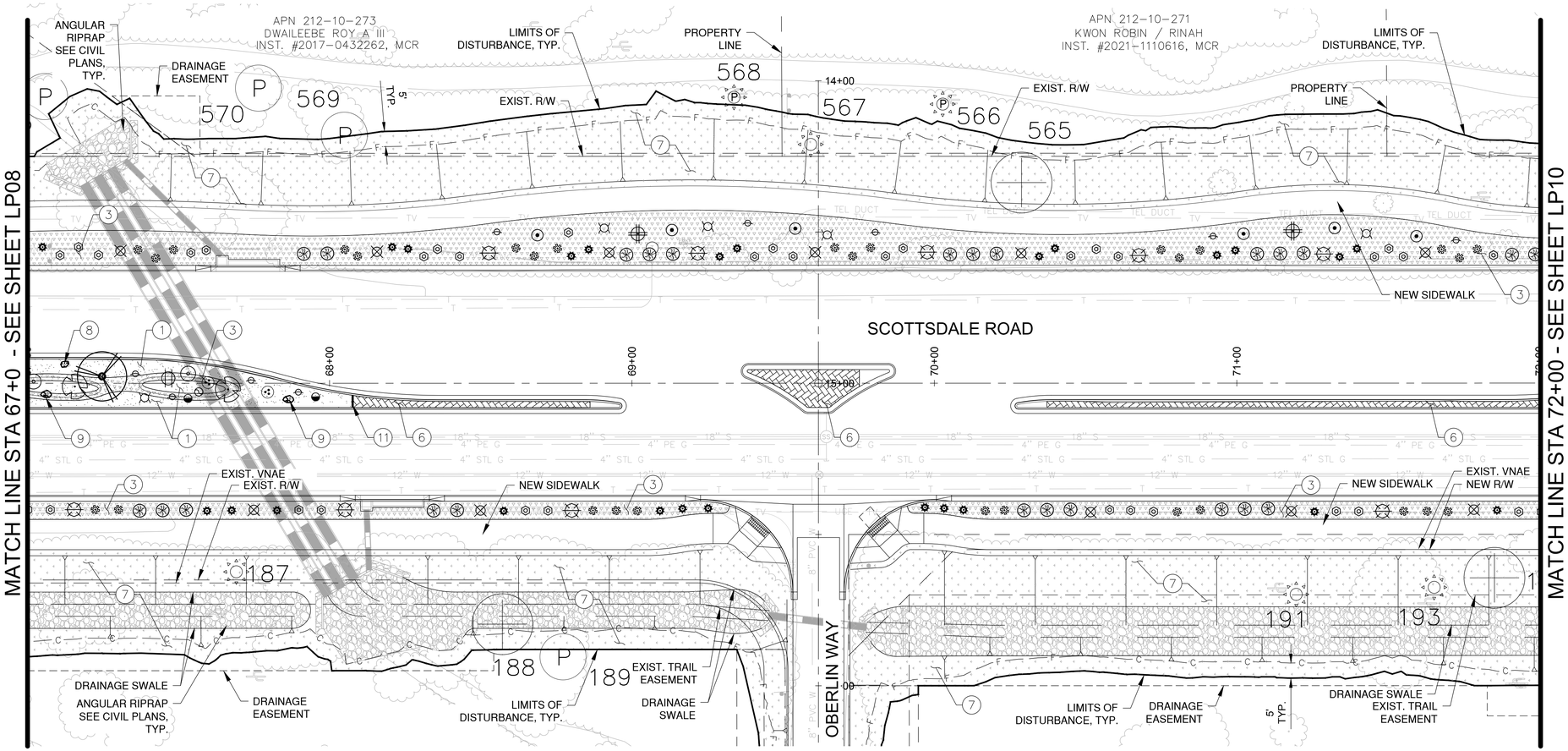
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4. SVT- SIGHT VISIBILITY TRIANGLES AND SDL- SIGHT DISTANCE LINES PER COS DS&PM STANDARDS.
5. MEDIAN AND LANDSCAPE BUFFER GRADE ELEVATIONS: +X OR -X SPOT ELEVATIONS WITHIN MEDIANS BUFFERS ARE REFERENCED TO THE CONTAINMENT TOP OF CURB (TOC) HEIGHT.
6. CONTRACTOR TO PROTECT IN PLACE EXISTING ALL SIGNAGE, TRAFFIC SIGNAL EQUIPMENT, FIBER OPTIC CONDUIT AND EQUIPMENT.

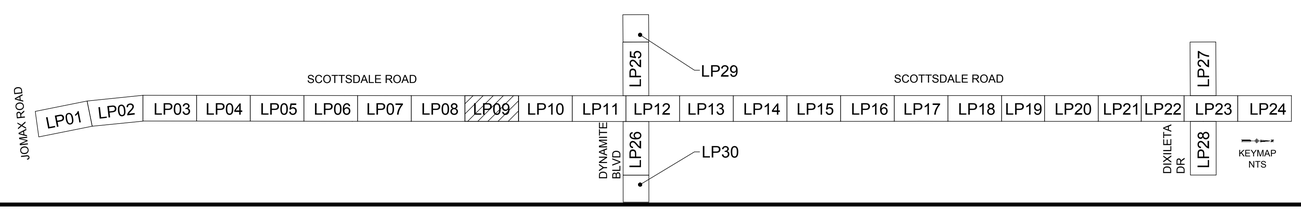
LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
	OLNEYA TESOTA	IRONWOOD TREE
	PROSOPIS VELUTINA	ARIZONA MESQUITE
#	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
	# = NPI ID. SEE NPI PLANS AND SUMMARY TABLES	SEE NPI & LANDSCAPE FOR LOCATIONS AND INFORMATION.
P #	CERCIDIUM SPECIES OLNEYA TESOTA	FOOTHILLS PALO VERDE BLUE PALO VERDE IRONWOOD TREE
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P # = REMAIN IN PLACE NPI ID. SEE NPI PLANS AND SUMMARY TABLES — SEE NPI & LANDSCAPE FOR LOCATIONS AND INFORMATION.







THIS SHEET SCALED FOR 24"X36" BORDER

J2 engineering and environmental design
4649 east cotton gin loop, suite B2
phoenix, arizona 85040
phone: 602.438.2221
www.j2design.us

NEW PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES:	
	CHILOPSIS LINEARIS 'LUCRETIA HAMILTON'	DESERT WILLOW
	OLNEYA TESOTA	IRONWOOD
	PARKINSONIA MICROPHYLLUM	FOOTHILLS PALO VERDE
	SHRUBS:	
	AMBROSIA DELTOIDEA	BURSAGE
	ANISACANTHUS THURBERI	DESERT HONEYSUCKLE
	ARISTIDA PURPUREA	PURPLE THREEAWN
	CALLIANDRA ERIOPHYLLA	PINK FAIRY DUSTER
	ENCELIA FARINOSA	BRITTLEBUSH
	HESPERALOE PARVIFLORA 'BRAKELIGHTS'	BRAKELIGHTS HESPERALOE
	JUSTICIA CALIFORNICA	CHUPAROSA
	LARREA TRIDENTATA	CREOSOTE
	GROUNDCOVERS:	
	ABRONIA VILLOSA	SAND VERBENA
	BAILEYA MULTIRADIATA	DESERT MARIGOLD
	PENSTEMON PARRYI	PARRY'S PENSTEMON
	ACCENTS / CACTUS	
	ALOE 'BLUE ELF'	'BLUE ELF' ALOE
	CARNEGIEA GIGANTEA	SAGUARO
	DASYLIRION WHEELERI	DESERT SPOON
	ECHINOCEREUS ENGLEMANNII	HEDGEHOG CACTUS
	FEROCACTUS WISLIZENI	FISHHOOK BARREL CACTUS
	FOUQUIERA SPLENDENS	OCOTILLO
	MUHLENBERGIA CAPILLARIS	REGAL MIST
	OPUNTIA VERSICOLOR	STAGHORN CHOLLA
	OPUNTIA LEPTOCAULIS	DESERT CHRISTMAS CHOLLA
	OPUNTIA ENGELMANNII	ENGELMANN'S PRICKLEY PEAR
	YUCCA BACCATA	BANANA YUCCA

CONTRACTOR NOTES:
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DATE	REVISION	BY

ENGINEER
Registered Landscape Architect CERTIFICATE NO. 35538 JEFFREY T. VELASQUEZ Date Signed 2/27/24

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ. 1"=20'	RC			LP09
VERT.	DRAWN MM / AF	AS-BUILT	COS PROJECT NO. SG05	203 OF 299

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

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HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

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LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
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#	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
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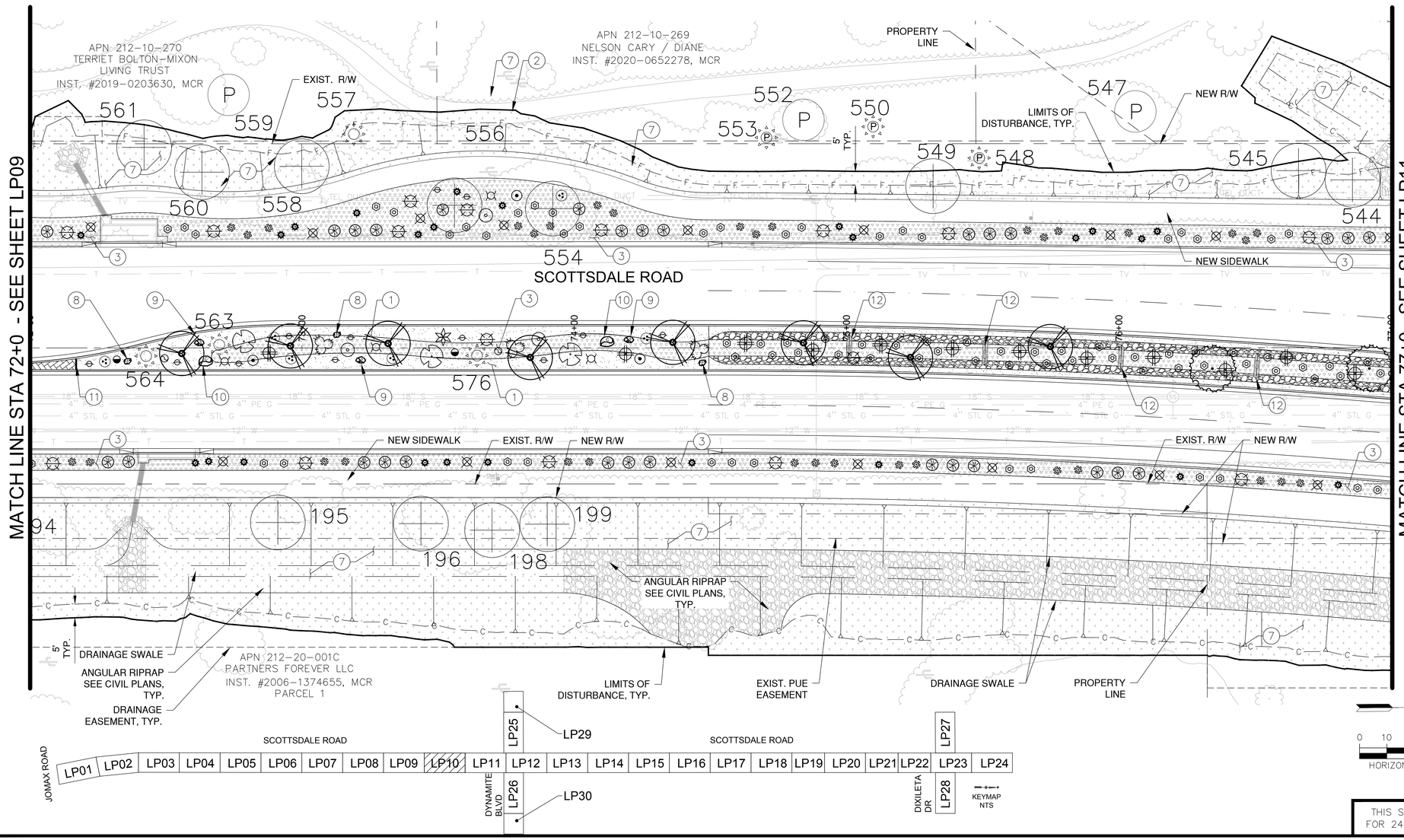
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DATE	REVISION	BY

ENGINEER
Registered Landscape Architect
CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
ARIZONA U.S.A.

PUBLIC WORKS
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SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
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JOMAX ROAD TO DIXILETA DRIVE

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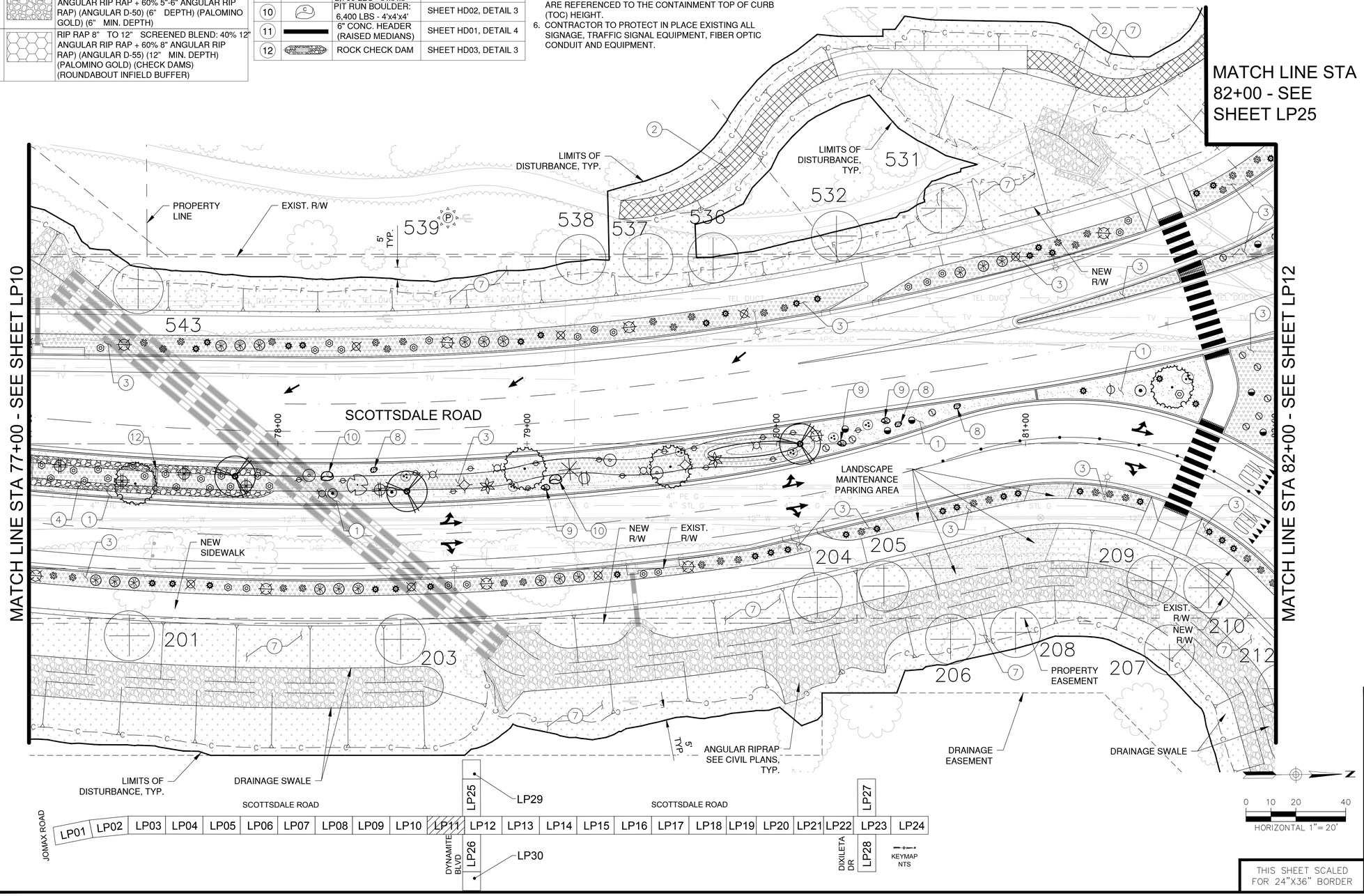
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LANDSCAPE LEGEND

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CITY OF SCOTTSDALE ARIZONA

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KEY NO.	PATTERN	DESCRIPTION	
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7		DECOMPOSED GRANITE RESTORATION ALLOWANCE (COS & PRIVATE PROPERTY) (COS 2620) (MATCHING GRADATION & COLOR) (1" MIN. DEPTH)	
8	A	PIT RUN BOULDER: 800 LBS - 2'x2'x2'	SHEET HD02, DETAIL 3
9	B	PIT RUN BOULDER: 2,700 LBS - 3'x3'x3'	SHEET HD02, DETAIL 3
10	C	PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'	SHEET HD02, DETAIL 3
11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
12		ROCK CHECK DAM	SHEET HD03, DETAIL 3

GENERAL NOTES

CONTRACTOR NOTES:

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4. SVT- SIGHT VISIBILITY TRIANGLES AND SDL- SIGHT DISTANCE LINES PER COS DS&PM STANDARDS.
5. MEDIAN AND LANDSCAPE BUFFER GRADE ELEVATIONS: +X OR -X SPOT ELEVATIONS WITHIN MEDIANS BUFFERS ARE REFERENCED TO THE CONTAINMENT TOP OF CURB (TOC) HEIGHT.
6. CONTRACTOR TO PROTECT IN PLACE EXISTING ALL SIGNAGE, TRAFFIC SIGNAL EQUIPMENT, FIBER OPTIC CONDUIT AND EQUIPMENT.

LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
#	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
#	OLNEYA TESOTA	IRONWOOD TREE
#	PROSOPIS VELUTINA	ARIZONA MESQUITE
#	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
	# = NPI ID. SEE NPI PLANS AND SUMMARY TABLES	SEE NPI & LANDSCAPE FOR LOCATIONS AND INFORMATION.
P #	CERCIDIUM SPECIES OLNEYA TESOTA	FOOTHILLS PALO VERDE BLUE PALO VERDE IRONWOO TREE
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P # = REMAIN IN PLACE NPI ID. SEE NPI PLANS AND SUMMARY TABLES

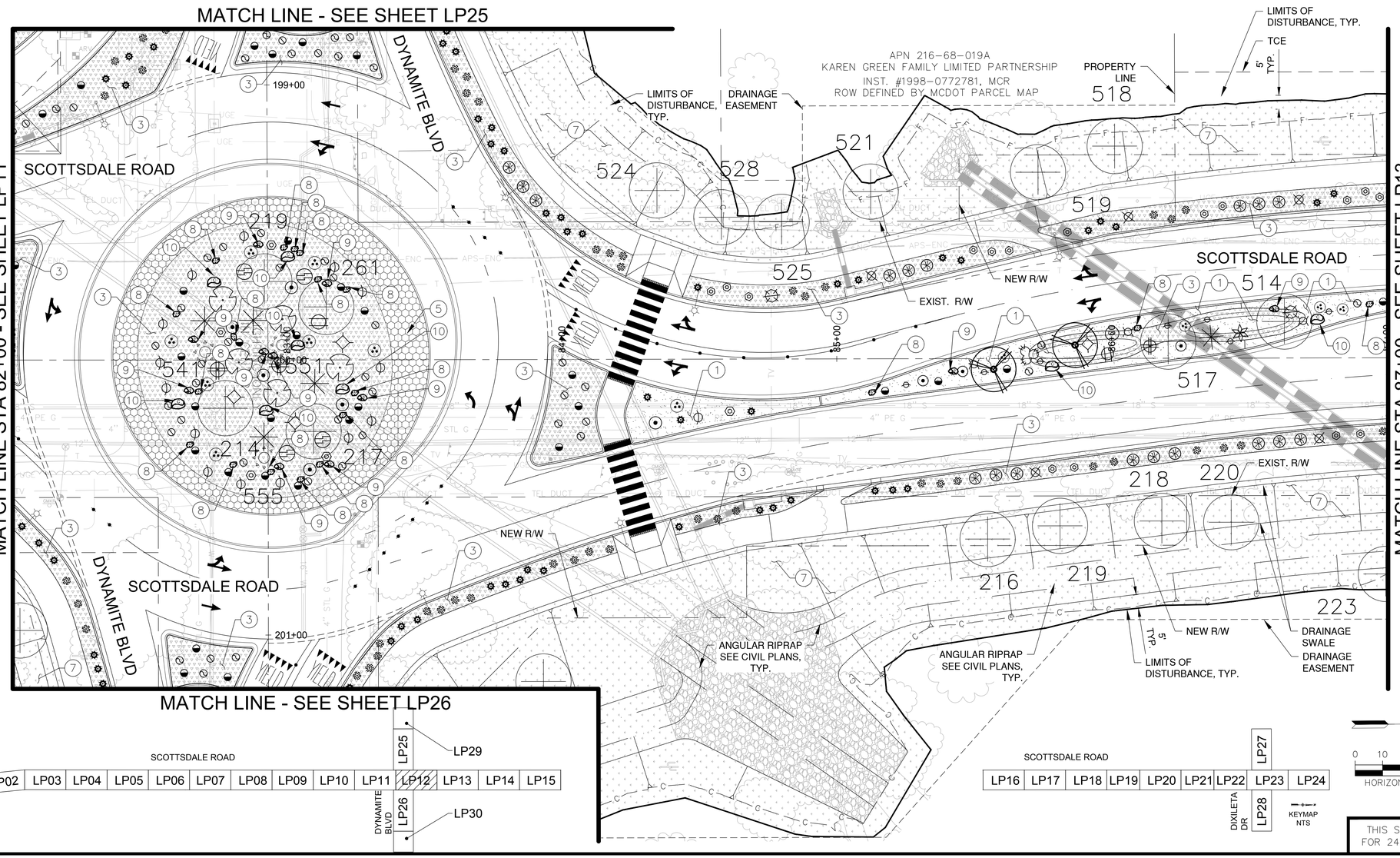
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J2 engineering and environmental design
4649 east cotton gin loop, suite B2
phoenix, arizona 85040
phone: 602.438.2221
www.j2design.us

NEW PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES:	
	CHILOPSIS LINEARIS 'LUCRETIA HAMILTON'	DESERT WILLOW
	OLNEYA TESOTA	IRONWOOD
	PARKINSONIA MICROPHYLLUM	FOOTHILLS PALO VERDE
	SHRUBS:	
	AMBROSIA DELTOIDEA	BURSAGE
	ANISACANTHUS THURBERI	DESERT HONEYSUCKLE
	ARISTIDA PURPUREA	PURPLE THREEAWN
	CALLIANDRA ERIOPHYLLA	PINK FAIRY DUSTER
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	HESPERALOE PARVIFLORA 'BRAKELIGHTS'	BRAKELIGHTS HESPERALOE
	JUSTICIA CALIFORNICA	CHUPAROSA
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	GROUNDCOVERS:	
	ABRONIA VILLOSA	SAND VERBENA
	BAILEYA MULTIRADIATA	DESERT MARIGOLD
	PENSTEMON PARRYI	PARRY'S PENSTEMON
	ACCENTS / CACTUS	
	ALOE 'BLUE ELF'	'BLUE ELF' ALOE
	CARNEGIEA GIGANTEA	SAGUARO
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	FOUQUIERA SPLENDENS	OCOTILLO
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	OPUNTIA VERSICOLOR	STAGHORN CHOLLA
	OPUNTIA LEPTOCAULIS	DESERT CHRISTMAS CHOLLA
	OPUNTIA ENGELMANNII	ENGELMANN'S PRICKLEY PEAR
	YUCCA BACCATA	BANANA YUCCA

CONTRACTOR NOTES:
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DATE	REVISION	BY

ENGINEER
Registered Landscape Architect
CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
ARIZONA U.S.A.

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=20'	RC	09/2023		LP12
VERT.	DRAWN MM / AF	AS-BUILT	COS PROJECT NO. SG05	206 OF 299

THIS SHEET SCALED FOR 24"X36" BORDER

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\2Cad\Sheets\1390-LS200.dwg

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION
1		DECOMPOSED GRANITE, (COS 2620) (RAISED MEDIANS) (1/4" MINUS) (2" MIN. DEPTH) (PALOMINO GOLD)
2		DECOMPOSED GRANITE (STABILIZED) (TRAIL) (1/4" MINUS) (2-2" LIFTS / 4" MIN. DEPTH) (PALOMINO GOLD)
3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)
5		RIP RAP 8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55) (12" MIN. DEPTH) (PALOMINO GOLD) (CHECK DAMS) (ROUNDABOUT INFIELD BUFFER)

HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION	
6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	
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LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
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#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
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P #	CERCIDIUM SPECIES OLNEYA TESOTA	FOOTHILLS PALO VERDE BLUE PALO VERDE IRONWOO TREE
(P) #	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS	SAGUARO OCOTILLO

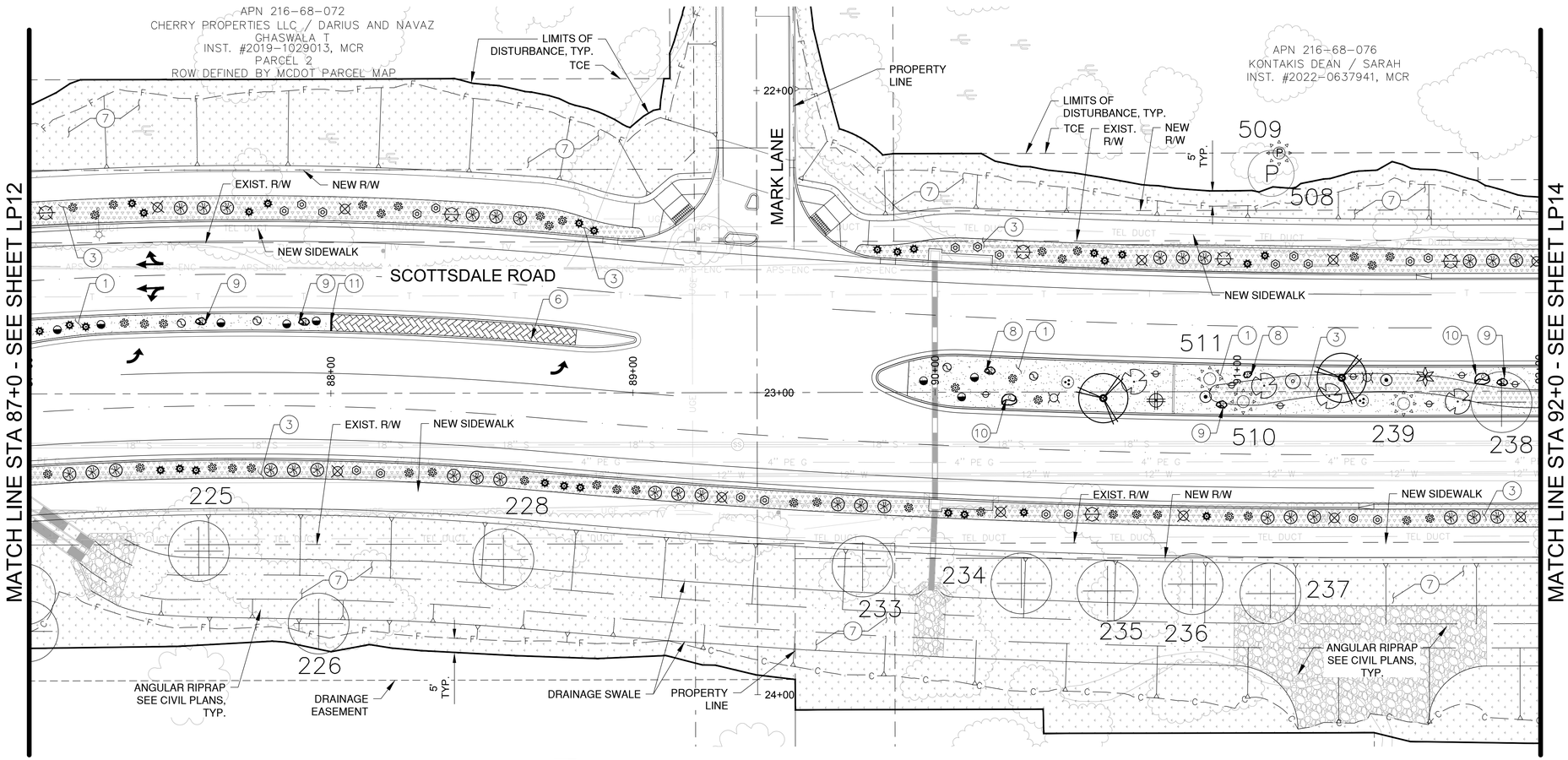
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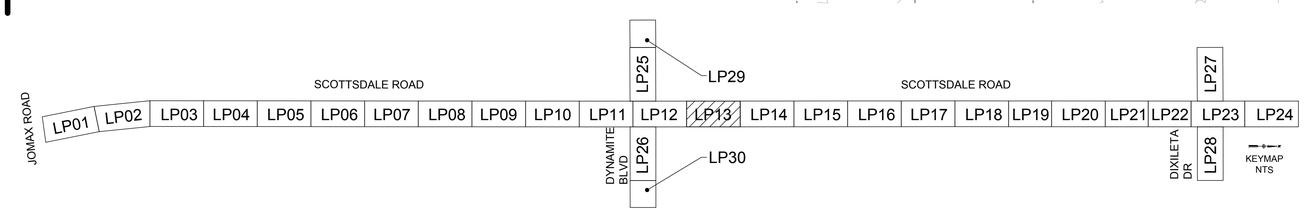
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NEW PLANT LEGEND

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	LARREA TRIDENTATA	CREOSOTE
	GROUNDCOVERS:	
	ABRONIA VILLOSA	SAND VERBENA
	BAILEYA MULTIRADIATA	DESERT MARIGOLD
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HORIZONTAL 1"=20'

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DATE	REVISION	BY

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Registered Landscape Architect
35538
JEFFREY T. VELASQUEZ
Date Signed: 4/30/2024

PUBLIC WORKS
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SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
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JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=20'	RC	09/2023		LP13
VERT.	DRAWN MM / AF	AS-BUILT	COS PROJECT NO. SG05	207 OF 299

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

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HARDSCAPE LEGEND

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HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

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LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

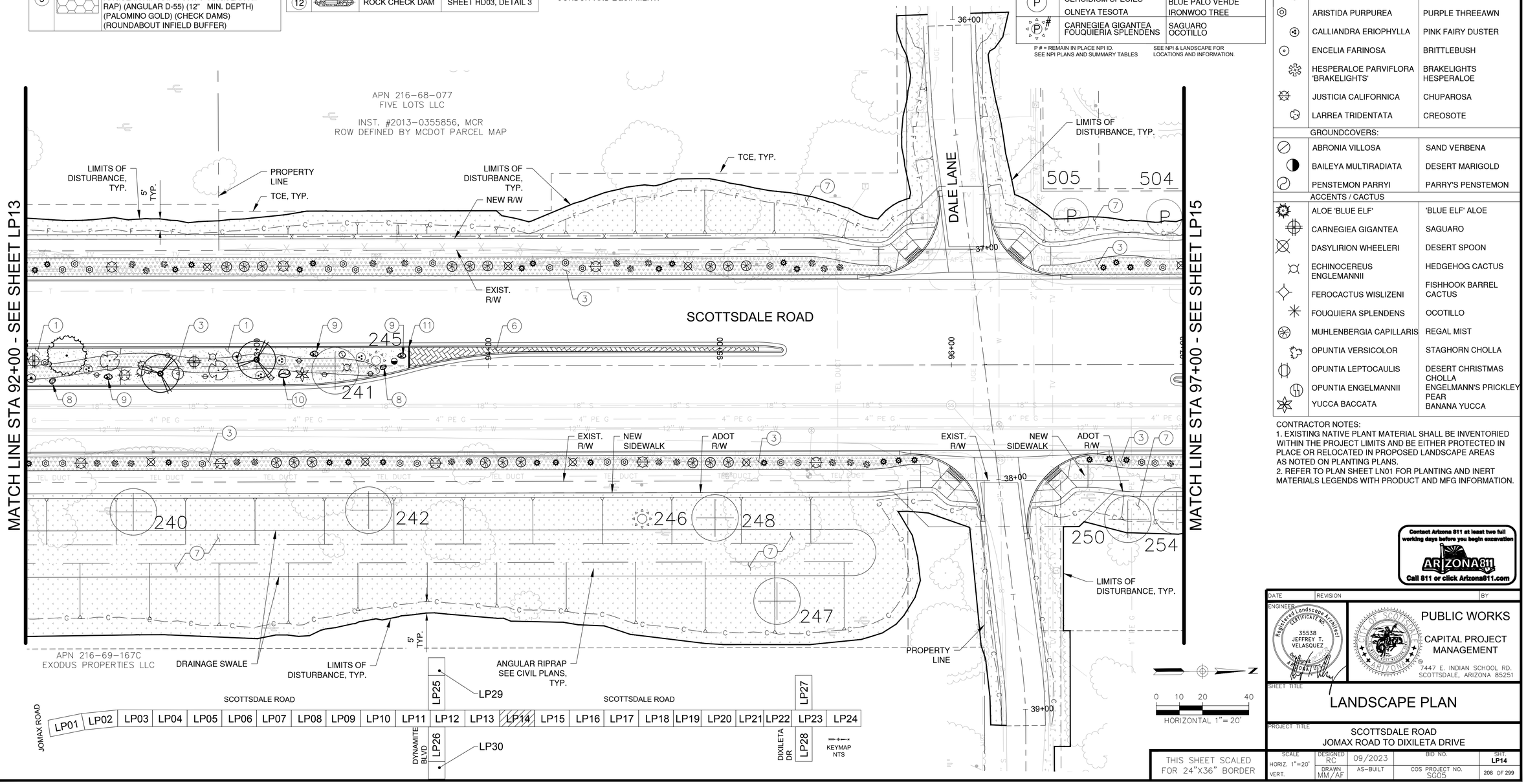
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35538
JEFFREY T. VELASQUEZ
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Date Signed 2/27/2024
MONA, U.S.

CITY OF SCOTTSDALE ARIZONA

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SHEET TITLE
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HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

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SALVAGE PLANT LEGEND

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	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
#	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
#	OLNEYA TESOTA	IRONWOOD TREE
#	PROSOPIS VELUTINA	ARIZONA MESQUITE
#	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
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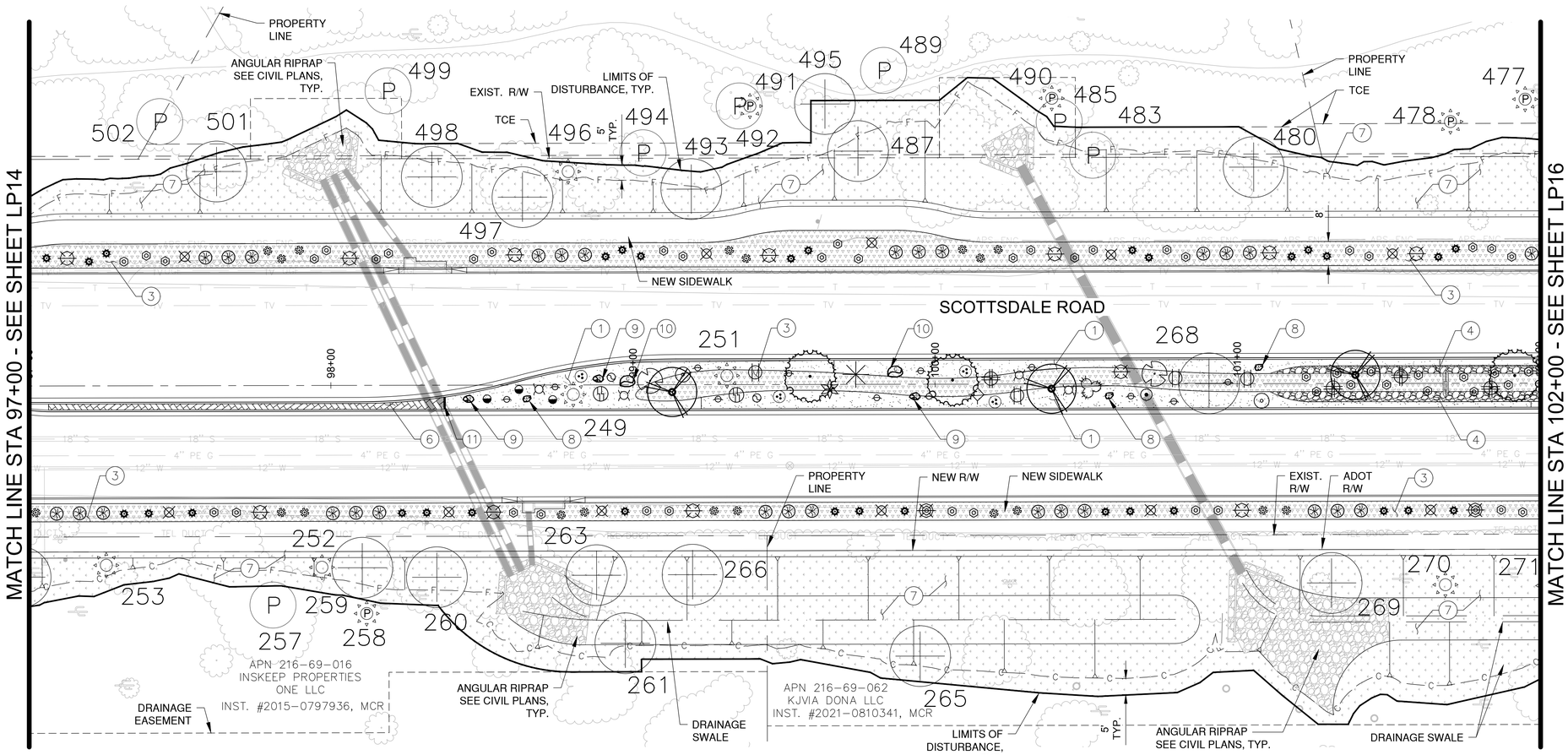
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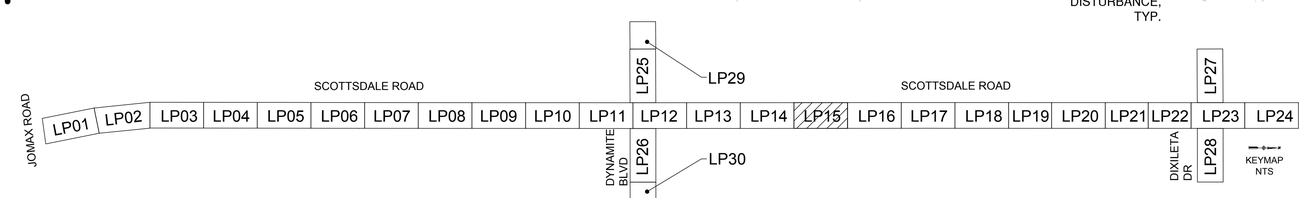
J2 engineering and environmental design
4649 east cotton gin loop, suite B2
phoenix, arizona 85040
phone: 602.438.2221
www.j2design.us

NEW PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES:	
	CHILOPSIS LINEARIS 'LUCRETIA HAMILTON'	DESERT WILLOW
	OLNEYA TESOTA	IRONWOOD
	PARKINSONIA MICROPHYLLUM	FOOTHILLS PALO VERDE
	SHRUBS:	
	AMBROSIA DELTOIDEA	BURSAGE
	ANISACANTHUS THURBERI	DESERT HONEYSUCKLE
	ARISTIDA PURPUREA	PURPLE THREEAWN
	CALLIANDRA ERIOPHYLLA	PINK FAIRY DUSTER
	ENCELIA FARINOSA	BRITTLEBUSH
	HESPERALOE PARVIFLORA 'BRAKELIGHTS'	BRAKELIGHTS HESPERALOE
	JUSTICIA CALIFORNICA	CHUPAROSA
	LARREA TRIDENTATA	CREOSOTE
	GROUNDCOVERS:	
	ABRONIA VILLOSA	SAND VERBENA
	BAILEYA MULTIRADIATA	DESERT MARIGOLD
	PENSTEMON PARRYI	PARRY'S PENSTEMON
	ACCENTS / CACTUS	
	ALOE 'BLUE ELF'	'BLUE ELF' ALOE
	CARNEGIEA GIGANTEA	SAGUARO
	DASYLIRION WHEELERI	DESERT SPOON
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	FOUQUIERA SPLENDENS	OCOTILLO
	MUHLENBERGIA CAPILLARIS	REGAL MIST
	OPUNTIA VERSICOLOR	STAGHORN CHOLLA
	OPUNTIA LEPTOCAULIS	DESERT CHRISTMAS CHOLLA
	OPUNTIA ENGELMANNII	ENGELMANN'S PRICKLEY PEAR
	YUCCA BACCATA	BANANA YUCCA

CONTRACTOR NOTES:
1. EXISTING NATIVE PLANT MATERIAL SHALL BE INVENTORIED WITHIN THE PROJECT LIMITS AND BE EITHER PROTECTED IN PLACE OR RELOCATED IN PROPOSED LANDSCAPE AREAS AS NOTED ON PLANTING PLANS.
2. REFER TO PLAN SHEET LN01 FOR PLANTING AND INERT MATERIALS LEGENDS WITH PRODUCT AND MFG INFORMATION.





0 10 20 40
HORIZONTAL 1"= 20'

THIS SHEET SCALED FOR 24"X36" BORDER

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Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Landscape Architect
CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
A PROFESSIONAL

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT
HORIZ. 1"=20'	RC	09/2023		LP15
VERT.	DRAWN	AS-BUILT	COS PROJECT NO.	
	MM/AF		SG05	209 OF 299

PLAN REVIEW NO. 2522-22

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\J2cad\Sheets\1390-LS200.dwg

2-DR-2024
2/27/24

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION
1		DECOMPOSED GRANITE, (COS 2620) (RAISED MEDIANS) (1/4" MINUS) (2" MIN. DEPTH) (PALOMINO GOLD)
2		DECOMPOSED GRANITE (STABILIZED) (TRAIL) (1/4" MINUS) (2-2" LIFTS / 4" MIN. DEPTH) (PALOMINO GOLD)
3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)
5		RIP RAP 8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55) (12" MIN. DEPTH) (PALOMINO GOLD) (CHECK DAMS) (ROUNDABOUT INFIELD BUFFER)

HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION	
6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	
7		DECOMPOSED GRANITE RESTORATION ALLOWANCE (COS & PRIVATE PROPERTY) (COS 2620) (MATCHING GRADATION & COLOR) (1" MIN. DEPTH)	
8	A	PIT RUN BOULDER: 800 LBS - 2'x2'x2'	SHEET HD02, DETAIL 3
9	B	PIT RUN BOULDER: 2,700 LBS - 3'x3'x3'	SHEET HD02, DETAIL 3
10	C	PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'	SHEET HD02, DETAIL 3
11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
12		ROCK CHECK DAM	SHEET HD03, DETAIL 3

GENERAL NOTES

CONTRACTOR NOTES:

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4. SVT- SIGHT VISIBILITY TRIANGLES AND SDL- SIGHT DISTANCE LINES PER COS DS&PM STANDARDS.
5. MEDIAN AND LANDSCAPE BUFFER GRADE ELEVATIONS: +X OR -X SPOT ELEVATIONS WITHIN MEDIANS BUFFERS ARE REFERENCED TO THE CONTAINMENT TOP OF CURB (TOC) HEIGHT.
6. CONTRACTOR TO PROTECT IN PLACE EXISTING ALL SIGNAGE, TRAFFIC SIGNAL EQUIPMENT, FIBER OPTIC CONDUIT AND EQUIPMENT.

LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
#	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
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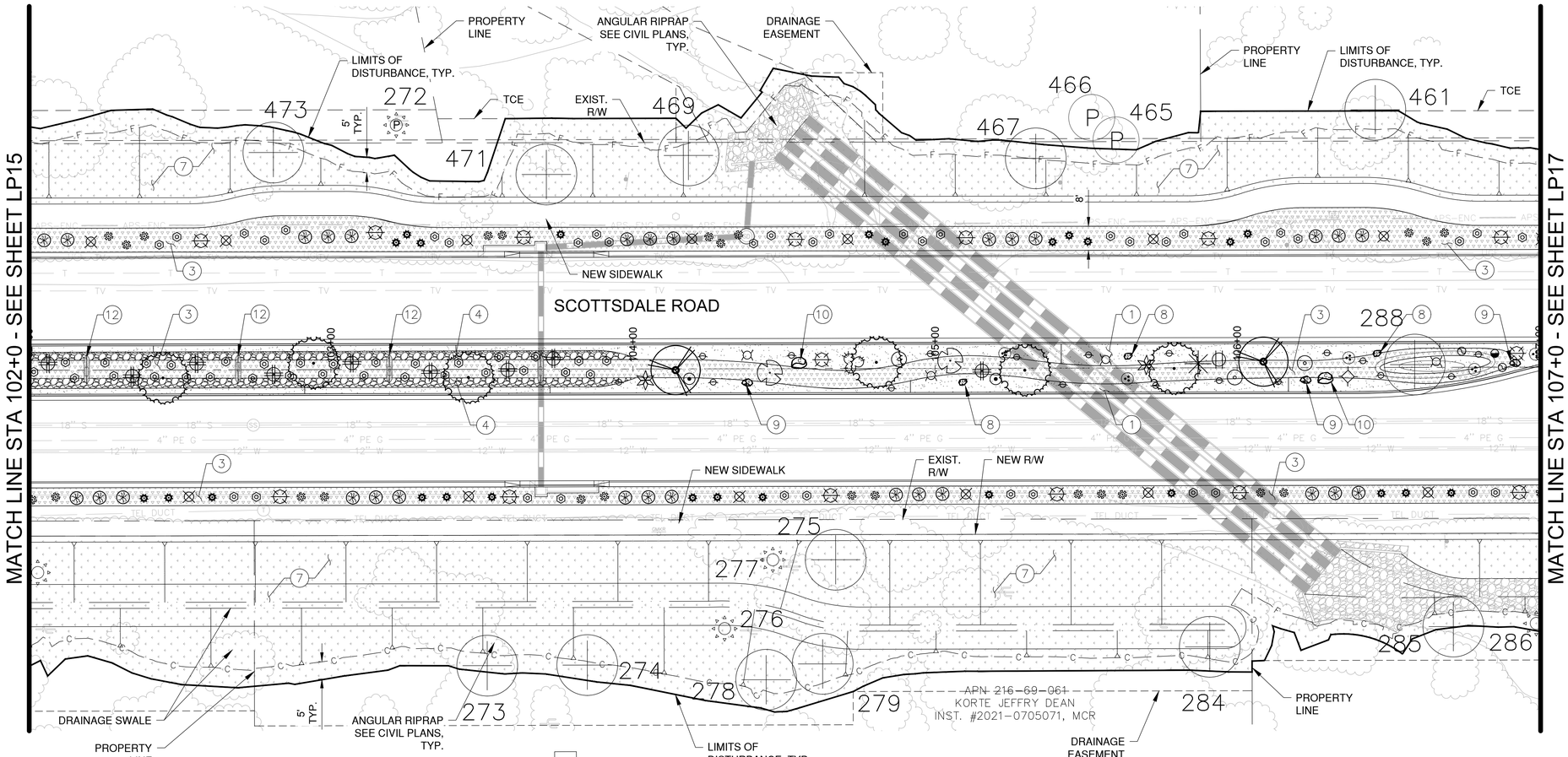
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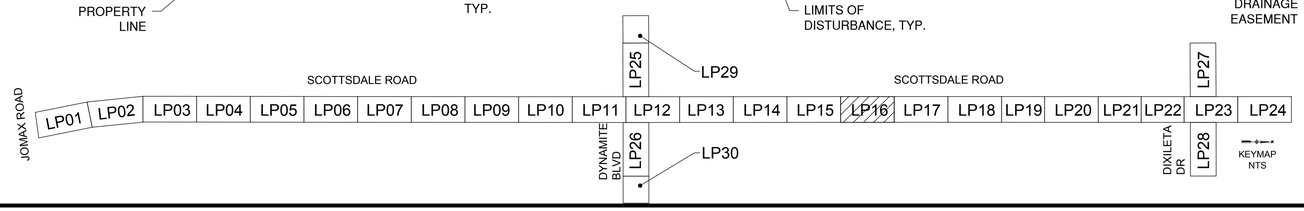
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phone: 602.438.2221
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NEW PLANT LEGEND

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DATE	REVISION	BY

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CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
ARIZONA U.S.A.

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CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=20'	RC	09/2023		LP16
VERT.	DRAWN	AS-BUILT	COS PROJECT NO.	210 OF 299
	MM / AF		SG05	

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\20cad\Sheets\1390-LS200.dwg

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

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HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

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LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

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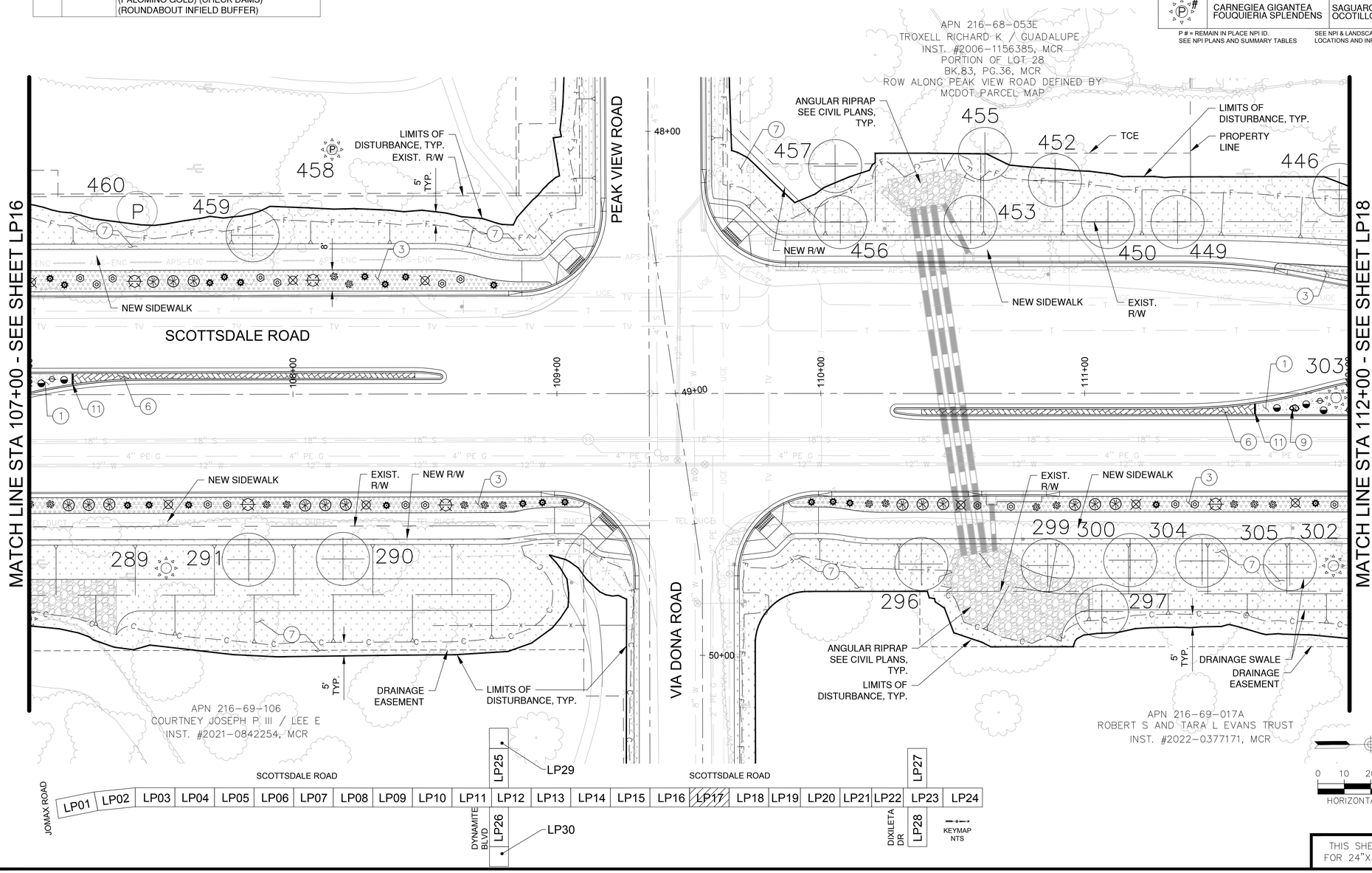
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CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed 04/30/2024

CITY OF SCOTTSDALE ARIZONA

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7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
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SCALE	DESIGNED	09/2023	BID NO.	SHT.
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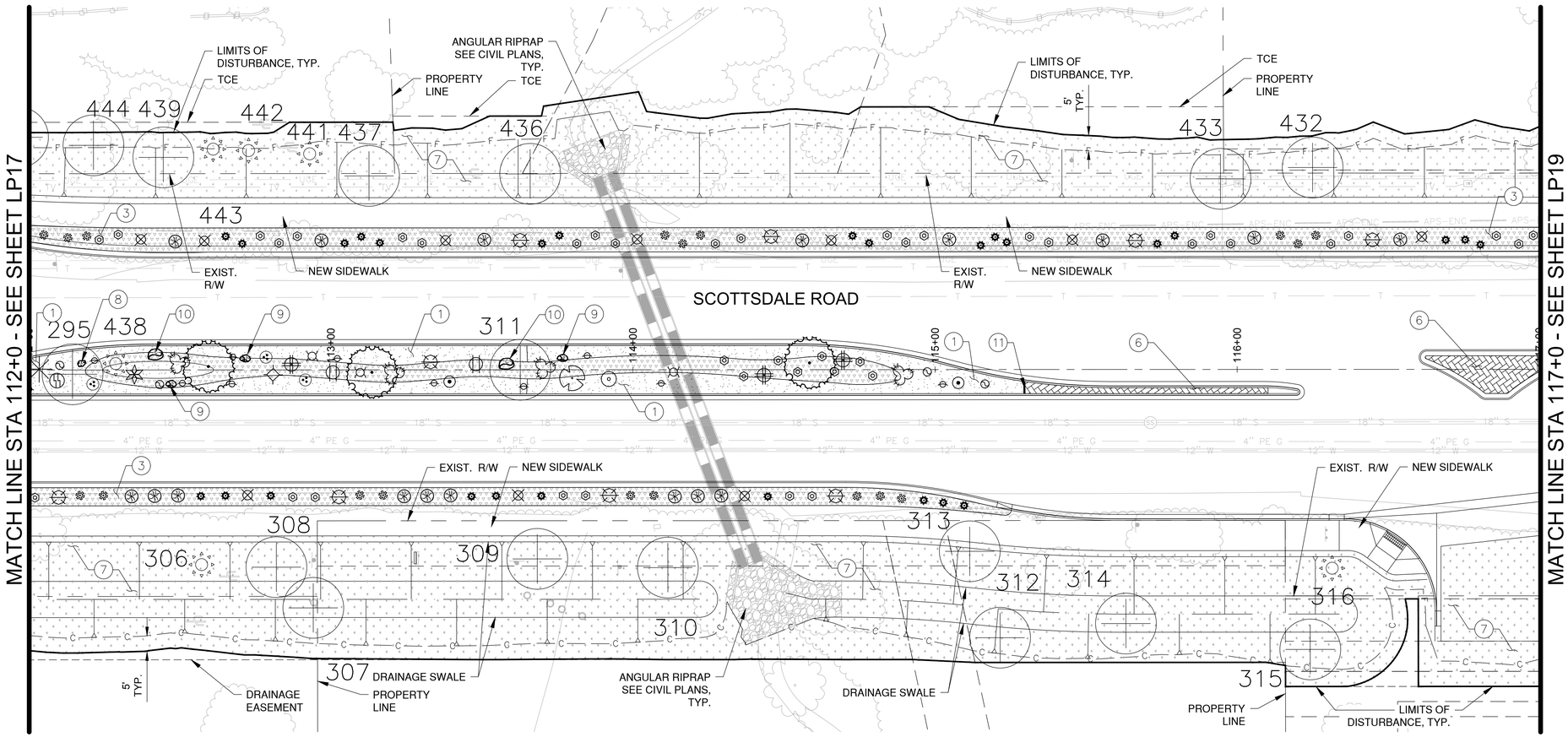
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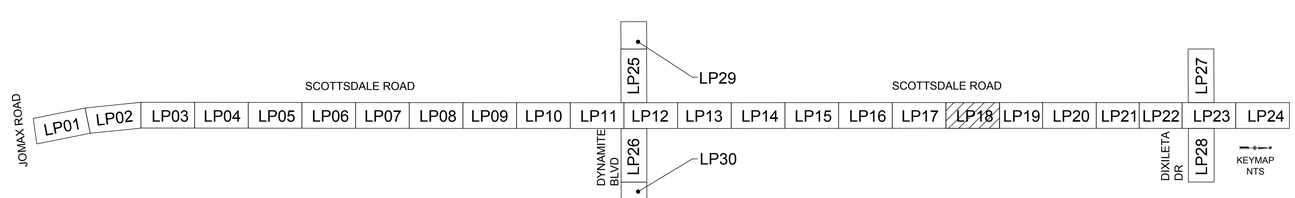
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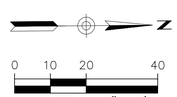
LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
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#	CELTIS OCCIDENTALIS	HACKBERRY
	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
	OLNEYA TESOTA	IRONWOOD TREE
	PROSOPIS VELUTINA	ARIZONA MESQUITE
	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
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THIS SHEET SCALED FOR 24"X36" BORDER

J2 engineering and environmental design
4649 east cotton gin loop, suite B2
phoenix, arizona 85040
phone: 602.438.2221
www.j2design.us

NEW PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES:	
	CHILOPSIS LINEARIS 'LUCRETIA HAMILTON'	DESERT WILLOW
	OLNEYA TESOTA	IRONWOOD
	PARKINSONIA MICROPHYLLUM	FOOTHILLS PALO VERDE
	SHRUBS:	
	AMBROSIA DELTOIDEA	BURSAGE
	ANISACANTHUS THURBERI	DESERT HONEYSUCKLE
	ARISTIDA PURPUREA	PURPLE THREEAWN
	CALLIANDRA ERIOPHYLLA	PINK FAIRY DUSTER
	ENCELIA FARINOSA	BRITTLEBUSH
	HESPERALOE PARVIFLORA 'BRAKELIGHTS'	BRAKELIGHTS HESPERALOE
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	BAILEYA MULTIRADIATA	DESERT MARIGOLD
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	CARNEGIEA GIGANTEA	SAGUARO
	DASYLIRION WHEELERI	DESERT SPOON
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DATE	REVISION	BY

ENGINEER
Registered Landscape Architect
CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
ARIZONA U.S.A.

CITY OF SCOTTSDALE ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=20'	RC	09/2023		LP18
VERT.	DRAWN	AS-BUILT	COS PROJECT NO.	
	MM/AF		SG05	212 OF 299

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\J2Cad\Sheets\1390-LS200.dwg

PLOT DATE: Sep 26, 2023

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION
1		DECOMPOSED GRANITE, (COS 2620) (RAISED MEDIANS) (1/4" MINUS) (2" MIN. DEPTH) (PALOMINO GOLD)
2		DECOMPOSED GRANITE (STABILIZED) (TRAIL) (1/4" MINUS) (2-2" LIFTS / 4" MIN. DEPTH) (PALOMINO GOLD)
3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)
5		RIP RAP 8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55) (12" MIN. DEPTH) (PALOMINO GOLD) (CHECK DAMS) (ROUNDABOUT INFIELD BUFFER)

HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION	
6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	
7		DECOMPOSED GRANITE RESTORATION ALLOWANCE (COS & PRIVATE PROPERTY) (COS 2620) (MATCHING GRADATION & COLOR) (1" MIN. DEPTH)	
8		PIT RUN BOULDER: 800 LBS - 2'x2'x2'	SHEET HD02, DETAIL 3
9		PIT RUN BOULDER: 2,700 LBS - 3'x3'x3'	SHEET HD02, DETAIL 3
10		PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'	SHEET HD02, DETAIL 3
11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
12		ROCK CHECK DAM	SHEET HD03, DETAIL 3

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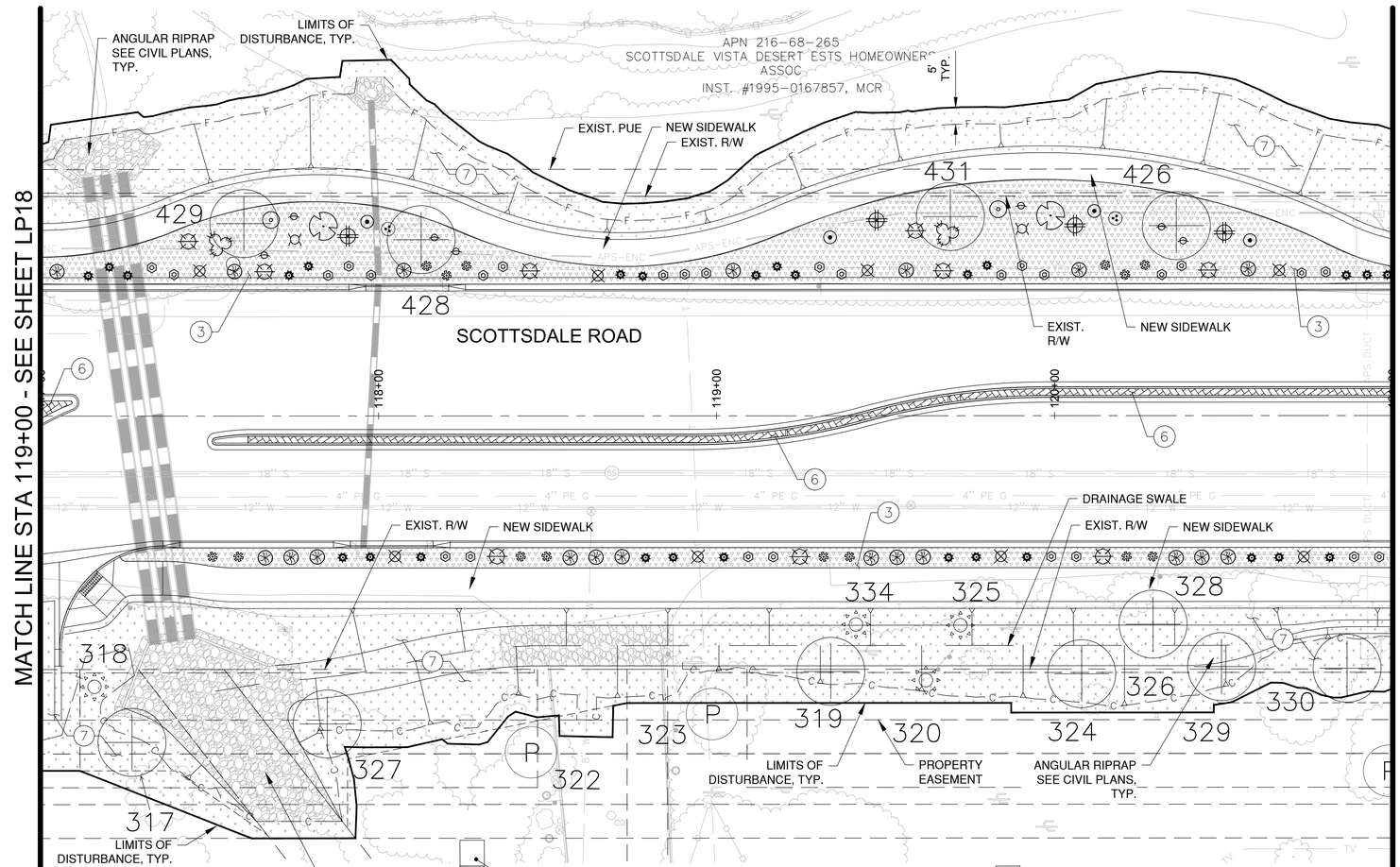
LANDSCAPE LEGEND

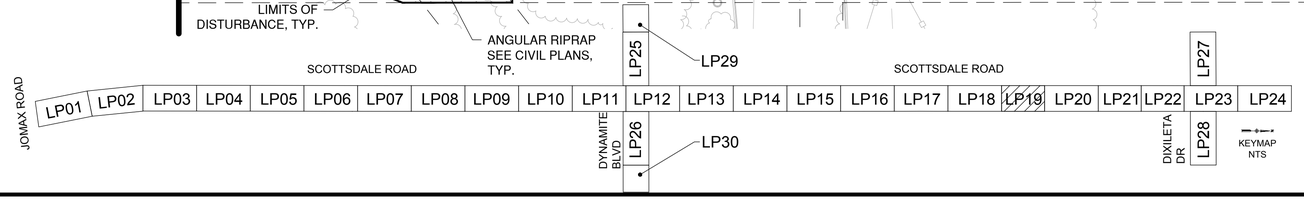
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Date Signed 2/27/24
CERTIFICATE NO.

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0 10 20 40
HORIZONTAL 1"= 20'

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LANDSCAPE PLAN

PROJECT TITLE
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JOMAX ROAD TO DIXILETA DRIVE

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SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ. 1"=20'	RC			LP19
VERT.	DRAWN MM / AF	AS-BUILT	COS PROJECT NO. SG05	213 OF 299

PLAN REVIEW NO. 2522-22

FILE: P:\201390.001\J2Cad\Sheets\1390-LS200.dwg

2-DR-2024
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HARDSCAPE LEGEND CONT.

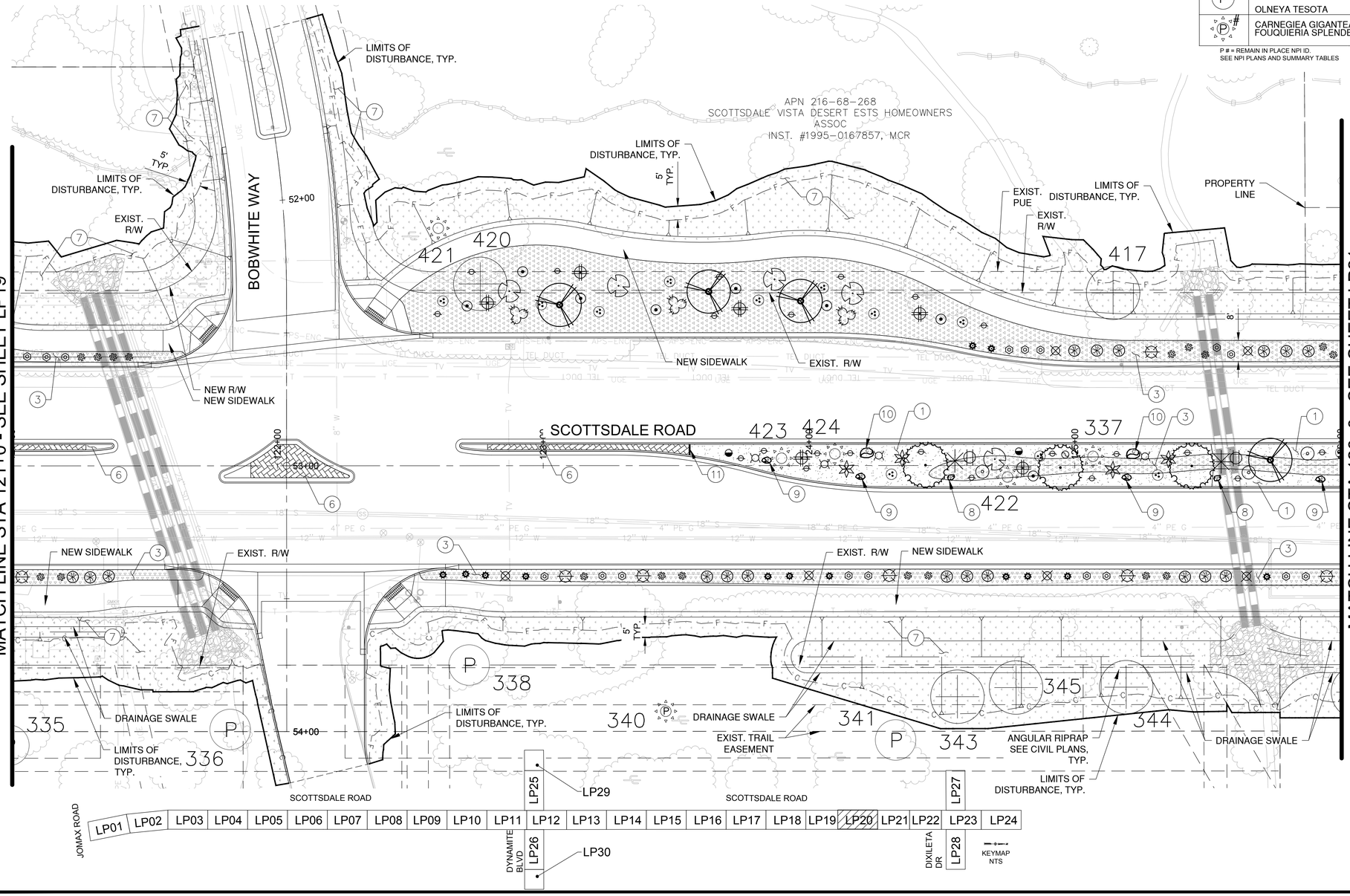
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LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
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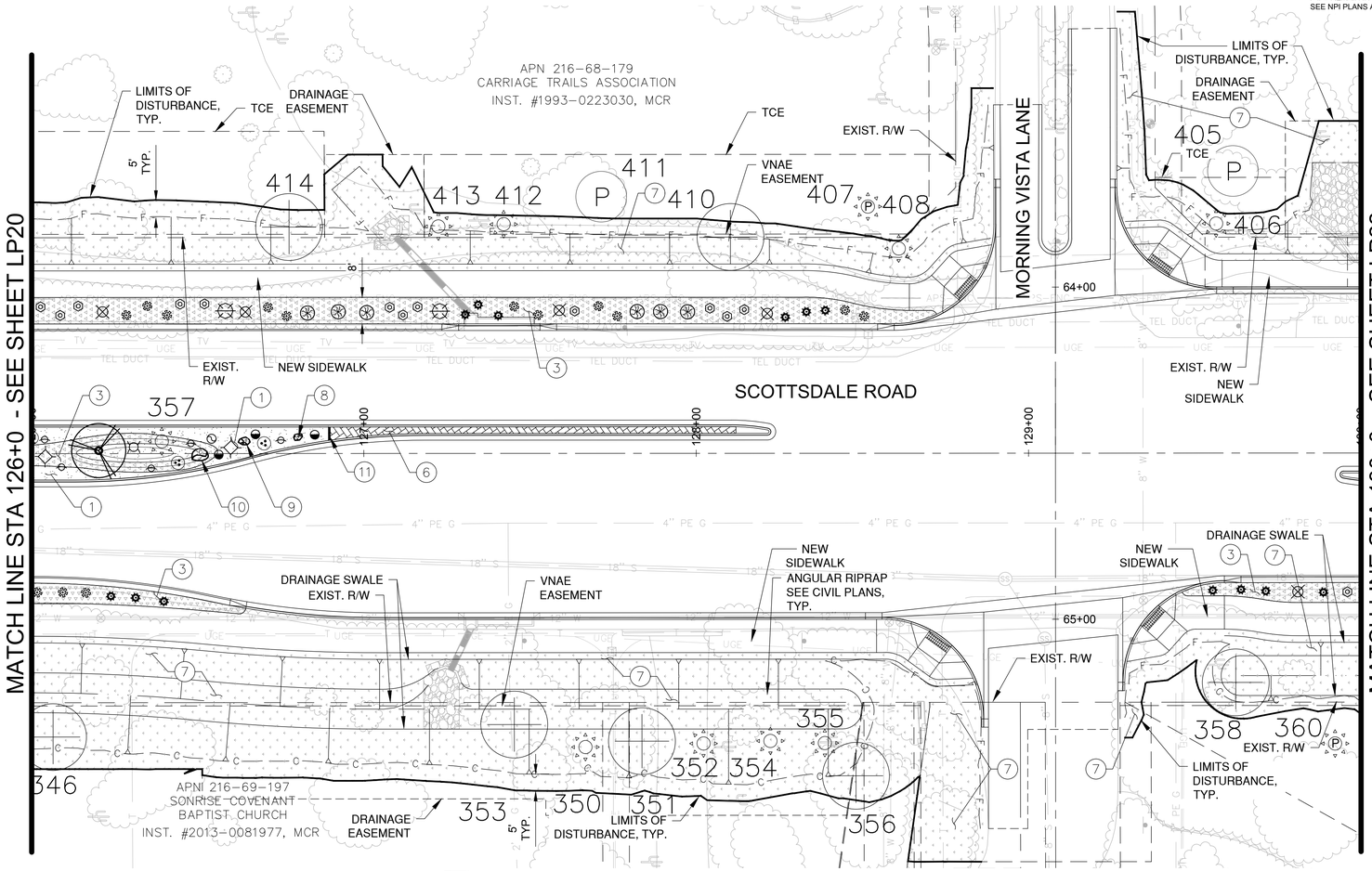
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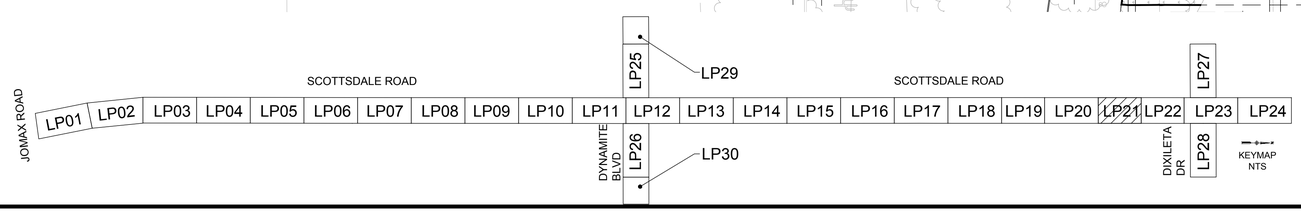
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	CALLIANDRA ERIOPHYLLA	PINK FAIRY DUSTER
	ENCELIA FARINOSA	BRITTLEBUSH
	HESPERALOE PARVIFLORA 'BRAKELIGHTS'	BRAKELIGHTS HESPERALOE
	JUSTICIA CALIFORNICA	CHUPAROSA
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	GROUNDCOVERS:	
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	BAILEYA MULTIRADIATA	DESERT MARIGOLD
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	CARNEGIEA GIGANTEA	SAGUARO
	DASYLIRION WHEELERI	DESERT SPOON
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CONTRACTOR NOTES:
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ARIZONA811
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DATE	REVISION	BY

ENGINEER
Registered Landscape Architect CERTIFICATE NO. 35538 JEFFREY T. VELASQUEZ Date Signed 2/27/24 (MONA, UT)

CITY OF SCOTTSDALE ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED		BID NO.	SHT.
HORIZ. 1"=20'	RC	09/2023		LP21
VERT.	DRAWN MM / AF	AS-BUILT	COS PROJECT NO. SG05	215 OF 299

0 10 20 40
HORIZONTAL 1"= 20'

THIS SHEET SCALED FOR 24"X36" BORDER

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\J2Cad\Sheets\1390-LS200.dwg

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION
1		DECOMPOSED GRANITE, (COS 2620) (RAISED MEDIANS) (1/4" MINUS) (2" MIN. DEPTH) (PALOMINO GOLD)
2		DECOMPOSED GRANITE (STABILIZED) (TRAIL) (1/4" MINUS) (2-2" LIFTS / 4" MIN. DEPTH) (PALOMINO GOLD)
3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)
5		RIP RAP 8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55) (12" MIN. DEPTH) (PALOMINO GOLD) (CHECK DAMS) (ROUNDABOUT INFIELD BUFFER)

HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION	
6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	
7		DECOMPOSED GRANITE RESTORATION ALLOWANCE (COS & PRIVATE PROPERTY) (COS 2620) (MATCHING GRADATION & COLOR) (1" MIN. DEPTH)	
8	A	PIT RUN BOULDER: 800 LBS - 2'x2'x2'	SHEET HD02, DETAIL 3
9	B	PIT RUN BOULDER: 2,700 LBS - 3'x3'x3'	SHEET HD02, DETAIL 3
10	C	PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'	SHEET HD02, DETAIL 3
11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
12		ROCK CHECK DAM	SHEET HD03, DETAIL 3

GENERAL NOTES

CONTRACTOR NOTES:

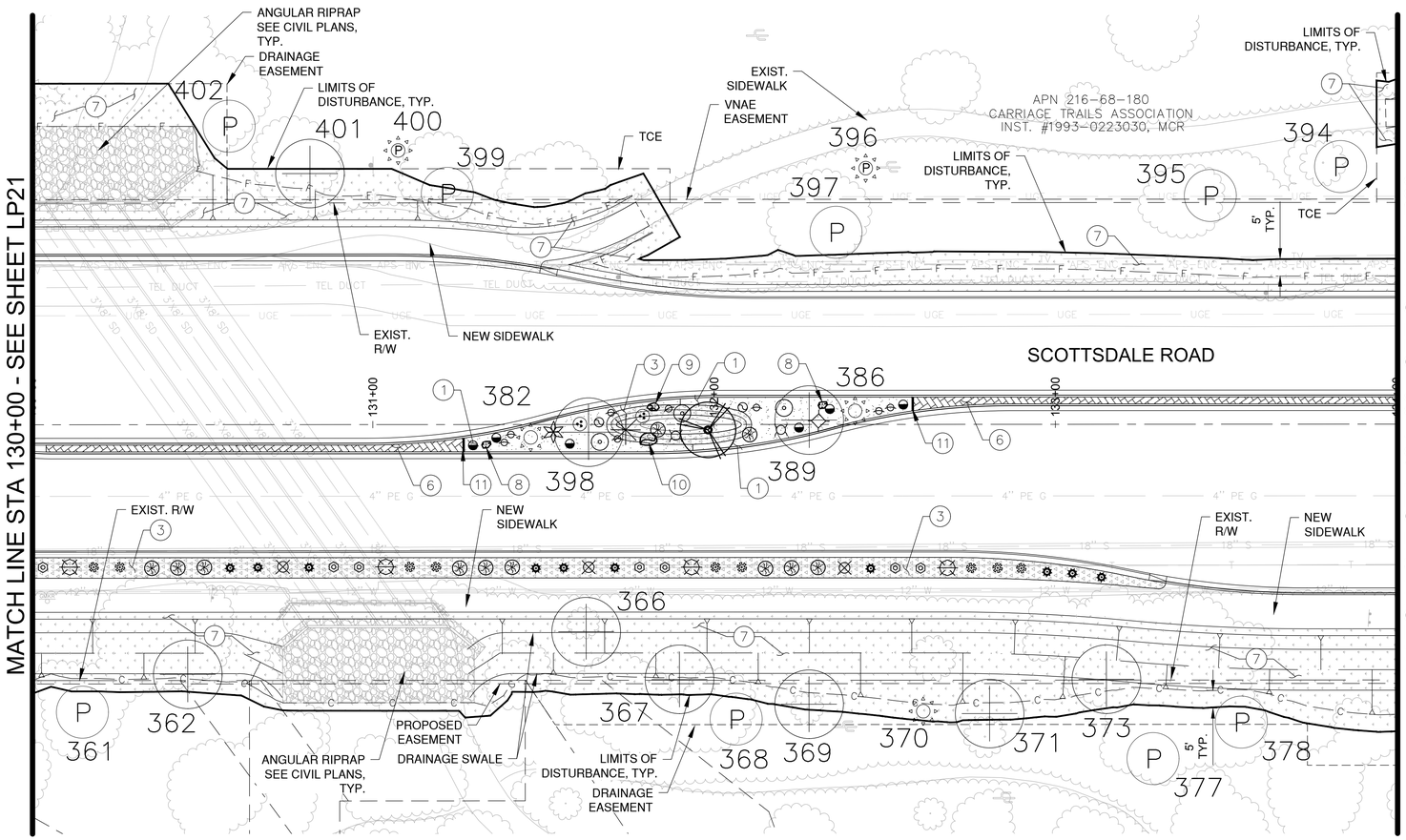
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4. SVT- SIGHT VISIBILITY TRIANGLES AND SDL- SIGHT DISTANCE LINES PER COS DS&PM STANDARDS.
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6. CONTRACTOR TO PROTECT IN PLACE EXISTING ALL SIGNAGE, TRAFFIC SIGNAL EQUIPMENT, FIBER OPTIC CONDUIT AND EQUIPMENT.

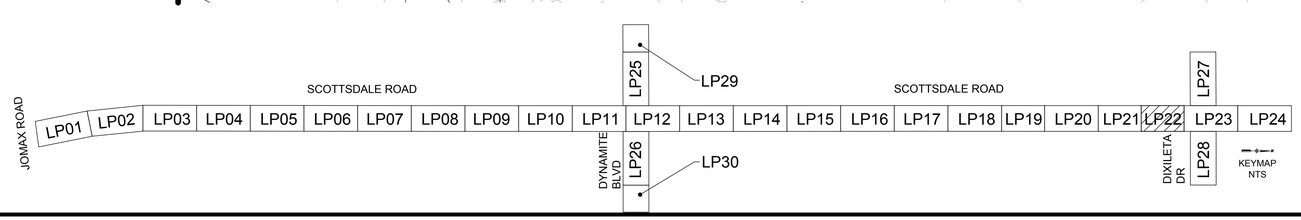
LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
	OLNEYA TESOTA	IRONWOOD TREE
	PROSOPIS VELUTINA	ARIZONA MESQUITE
	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
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P #	CERCIDIUM SPECIES OLNEYA TESOTA	FOOTHILLS PALO VERDE BLUE PALO VERDE IRONWOO TREE
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J2 engineering and environmental design
4649 east cotton gin loop, suite B2
phoenix, arizona 85040
phone: 602.438.2221
www.j2design.us

NEW PLANT LEGEND

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	OLNEYA TESOTA	IRONWOOD
	PARKINSONIA MICROPHYLLUM	FOOTHILLS PALO VERDE
	SHRUBS:	
	AMBROSIA DELTOIDEA	BURSAGE
	ANISACANTHUS THURBERI	DESERT HONEYSUCKLE
	ARISTIDA PURPUREA	PURPLE THREEAWN
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PLAN REVIEW NO. 2522-22

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\2Cad\Sheets\1390-LS200.dwg

2-DR-2024
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HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

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LANDSCAPE LEGEND

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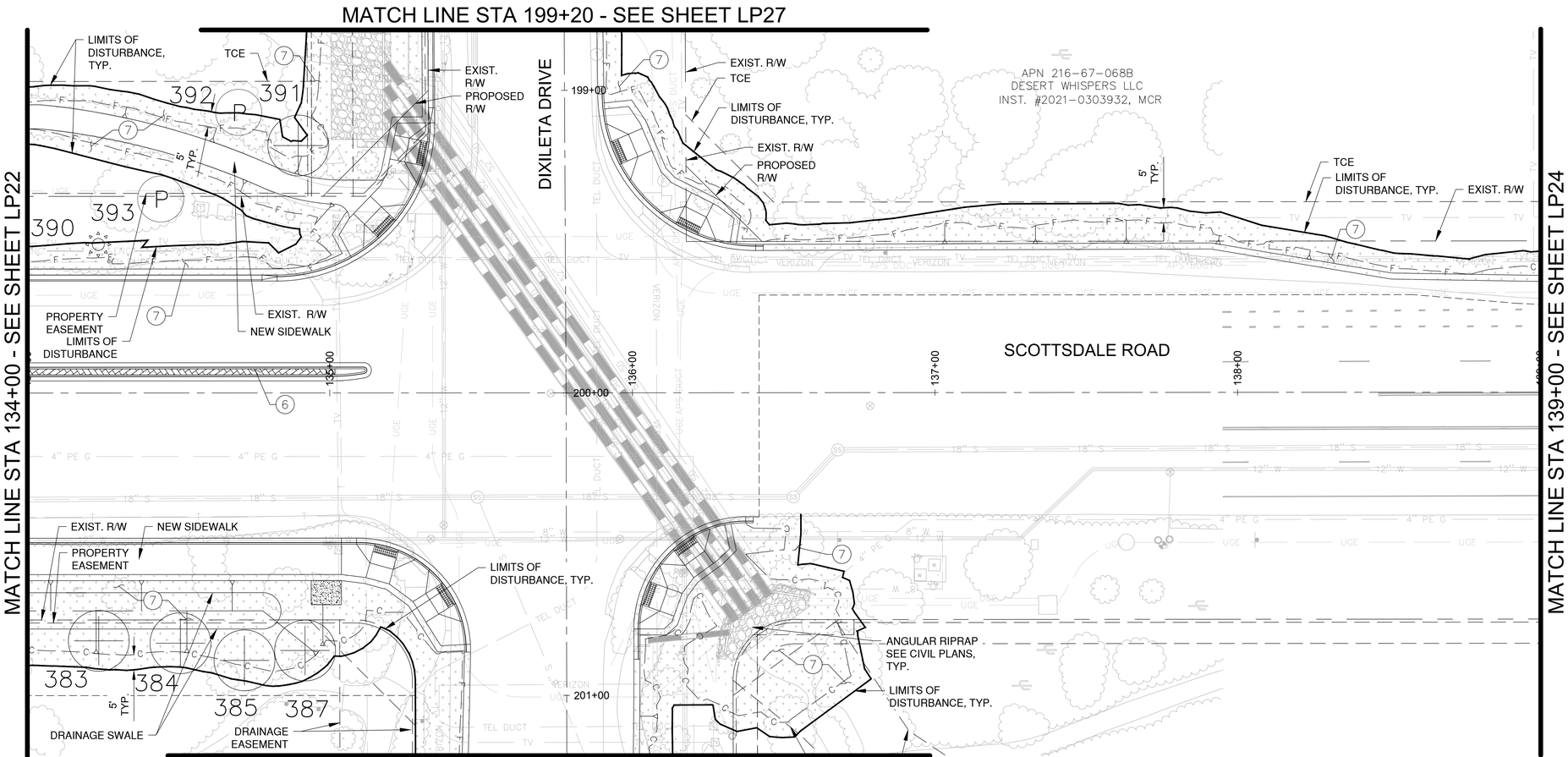
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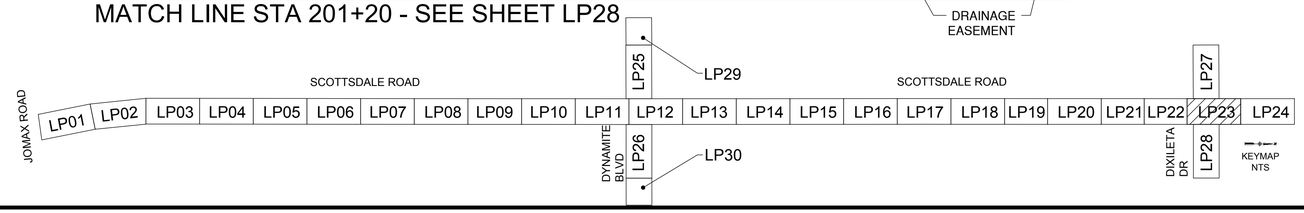
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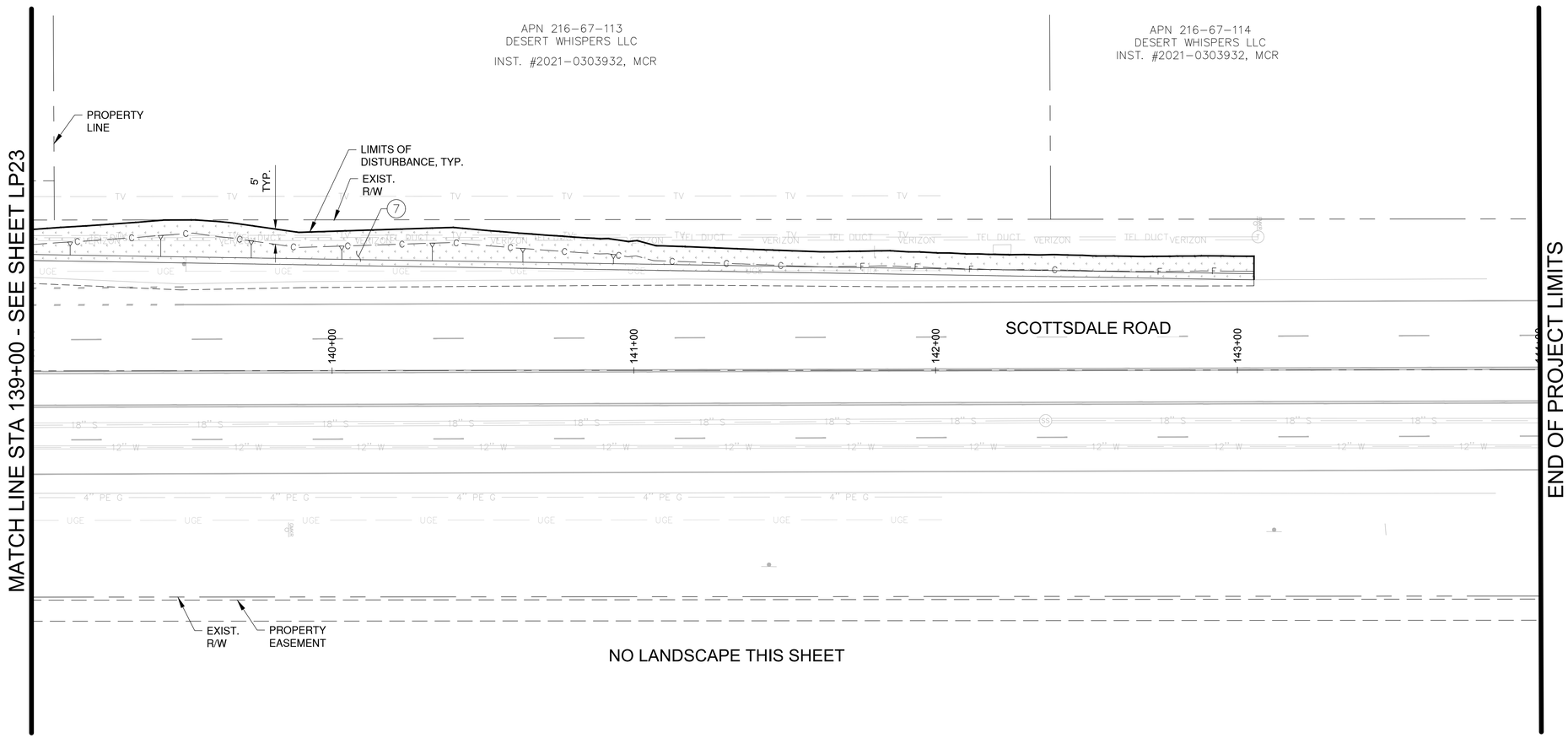
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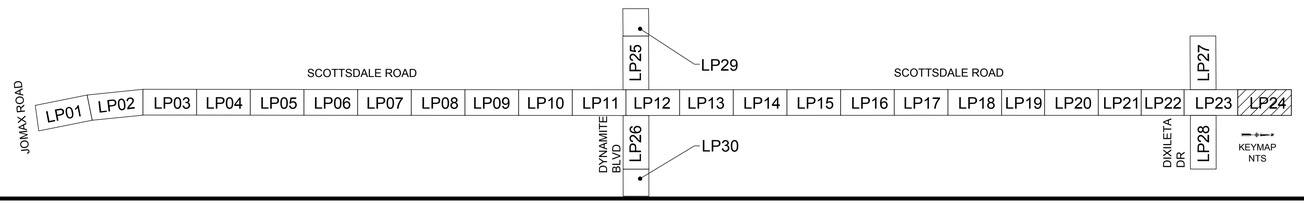
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	MUHLENBERGIA CAPILLARIS	REGAL MIST
	OPUNTIA VERSICOLOR	STAGHORN CHOLLA
	OPUNTIA LEPTOCAULIS	DESERT CHRISTMAS CHOLLA
	OPUNTIA ENGELMANNII	ENGELMANN'S PRICKLEY PEAR
	YUCCA BACCATA	BANANA YUCCA

CONTRACTOR NOTES:
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0 10 20 40
HORIZONTAL 1"= 20'

THIS SHEET SCALED FOR 24"X36" BORDER

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER
Registered Landscape Architect
CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
ARIZONA U.S.A.

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ. 1"=20'	RC			LP24
VERT.	DRAWN MM / AF	AS-BUILT	COS PROJECT NO. SG05	218 OF 299

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\2Cad\Sheets\1390-LS200.dwg

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION
1		DECOMPOSED GRANITE, (COS 2620) (RAISED MEDIANS) (1/4" MINUS) (2" MIN. DEPTH) (PALOMINO GOLD)
2		DECOMPOSED GRANITE (STABILIZED) (TRAIL) (1/4" MINUS) (2-2" LIFTS / 4" MIN. DEPTH) (PALOMINO GOLD)
3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)
5		RIP RAP 8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55) (12" MIN. DEPTH) (PALOMINO GOLD) (CHECK DAMS) (ROUNDABOUT INFIELD BUFFER)

HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION	
6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	
7		DECOMPOSED GRANITE RESTORATION ALLOWANCE (COS & PRIVATE PROPERTY) (COS 2620) (MATCHING GRADATION & COLOR) (1" MIN. DEPTH)	
8	A	PIT RUN BOULDER: 800 LBS - 2'x2'x2'	SHEET HD02, DETAIL 3
9	B	PIT RUN BOULDER: 2,700 LBS - 3'x3'x3'	SHEET HD02, DETAIL 3
10	C	PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'	SHEET HD02, DETAIL 3
11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
12		ROCK CHECK DAM	SHEET HD03, DETAIL 3

GENERAL NOTES

CONTRACTOR NOTES:

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4. SVT- SIGHT VISIBILITY TRIANGLES AND SDL- SIGHT DISTANCE LINES PER COS DS&PM STANDARDS.
5. MEDIAN AND LANDSCAPE BUFFER GRADE ELEVATIONS: +X OR -X SPOT ELEVATIONS WITHIN MEDIANS BUFFERS ARE REFERENCED TO THE CONTAINMENT TOP OF CURB (TOC) HEIGHT.
6. CONTRACTOR TO PROTECT IN PLACE EXISTING ALL SIGNAGE, TRAFFIC SIGNAL EQUIPMENT, FIBER OPTIC CONDUIT AND EQUIPMENT.

LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
	OLNEYA TESOTA	IRONWOOD TREE
	PROSOPIS VELUTINA	ARIZONA MESQUITE
	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
	# = NPI ID. SEE NPI PLANS AND SUMMARY TABLES	SEE NPI & LANDSCAPE FOR LOCATIONS AND INFORMATION.
P #	CERCIDIUM SPECIES OLNEYA TESOTA	FOOTHILLS PALO VERDE BLUE PALO VERDE IRONWOO TREE
(P) #	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS	SAGUARO OCOTILLO

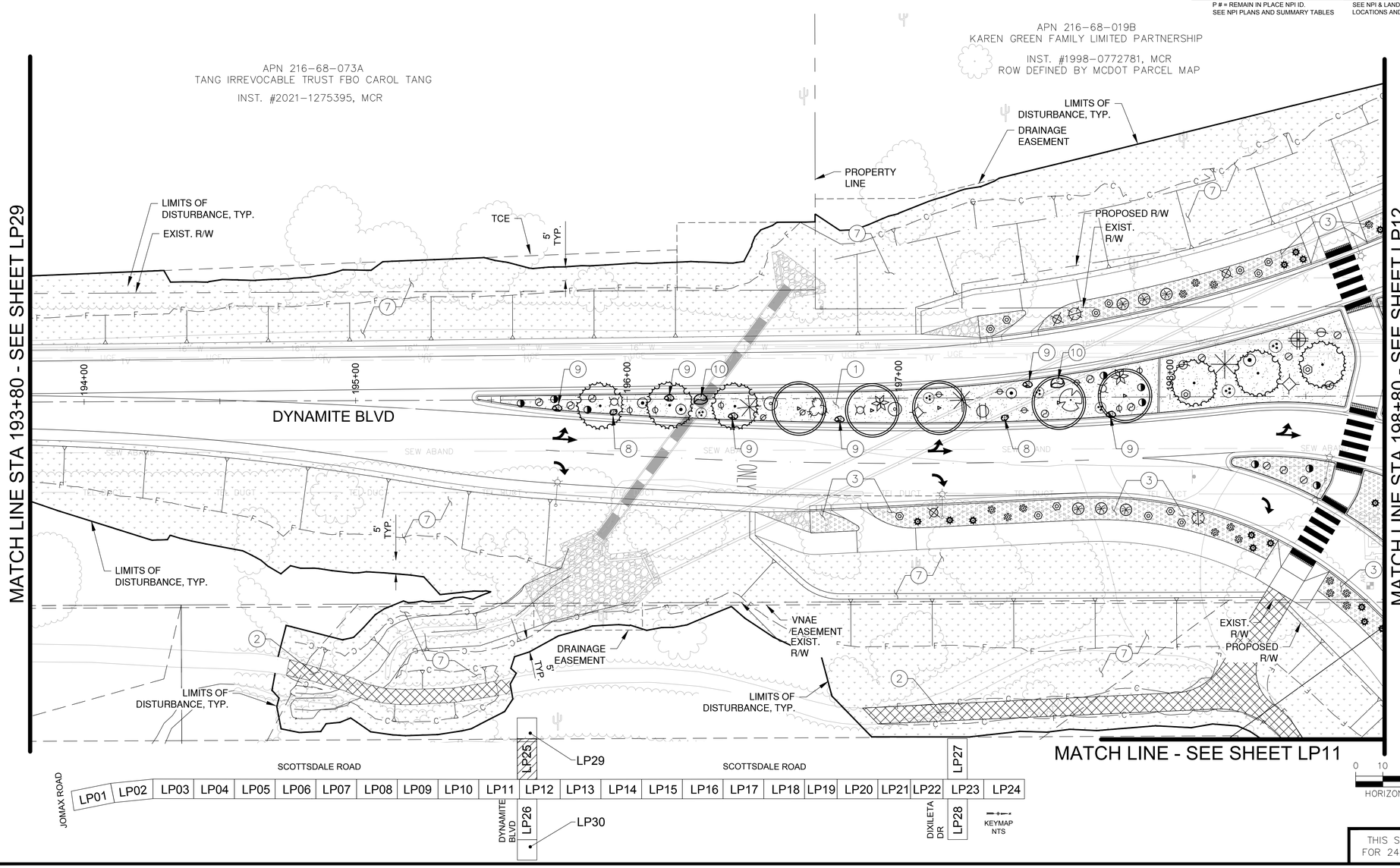
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J2 engineering and environmental design
4649 east cotton gin loop, suite B2
phoenix, arizona 85040
phone: 602.438.2221
www.j2design.us

NEW PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES:	
	CHILOPSIS LINEARIS 'LUCRETIA HAMILTON'	DESERT WILLOW
	OLNEYA TESOTA	IRONWOOD
	PARKINSONIA MICROPHYLLUM	FOOTHILLS PALO VERDE
	SHRUBS:	
	AMBROSIA DELTOIDEA	BURSAGE
	ANISACANTHUS THURBERI	DESERT HONEYSUCKLE
	ARISTIDA PURPUREA	PURPLE THREEAWN
	CALLIANDRA ERIOPHYLLA	PINK FAIRY DUSTER
	ENCELIA FARINOSA	BRITTLEBUSH
	HESPERALOE PARVIFLORA 'BRAKELIGHTS'	BRAKELIGHTS HESPERALOE
	JUSTICIA CALIFORNICA	CHUPAROSA
	LARREA TRIDENTATA	CREOSOTE
	GROUNDCOVERS:	
	ABRONIA VILLOSA	SAND VERBENA
	BAILEYA MULTIRADIATA	DESERT MARIGOLD
	PENSTEMON PARRYI	PARRY'S PENSTEMON
	ACCENTS / CACTUS	
	ALOE 'BLUE ELF'	'BLUE ELF' ALOE
	CARNEGIEA GIGANTEA	SAGUARO
	DASYLIRION WHEELERI	DESERT SPOON
	ECHINOCEREUS ENGLEMANNII	HEDGEHOG CACTUS
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PLAN REVIEW NO. 2522-22

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HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION	
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LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
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	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
	OLNEYA TESOTA	IRONWOOD TREE
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#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
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P #	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
	OLNEYA TESOTA	IRONWOO TREE
P #	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS	SAGUARO OCOTILLO

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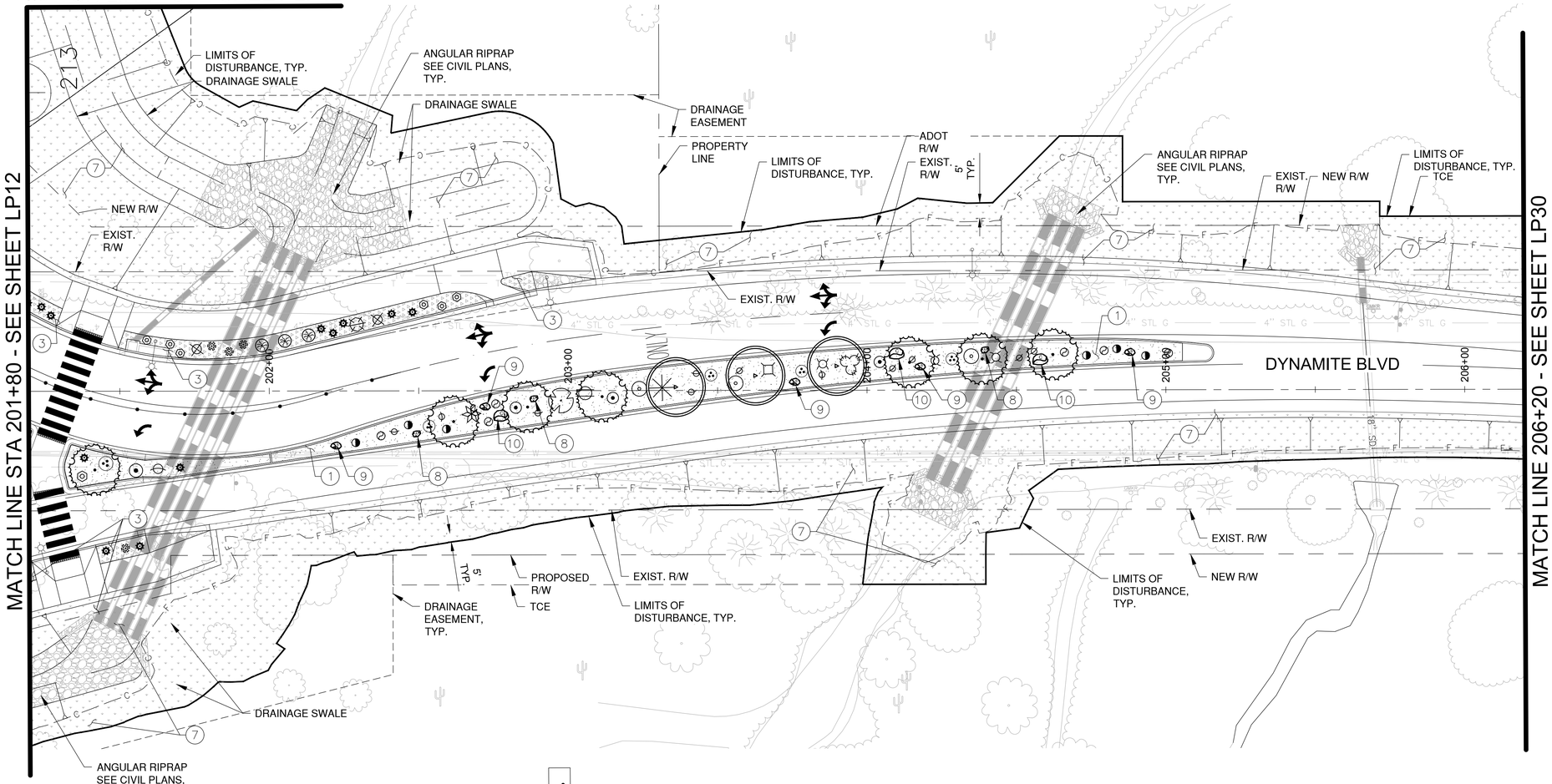
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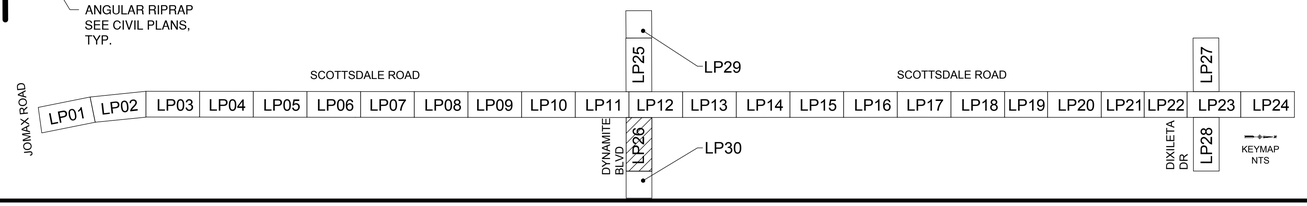
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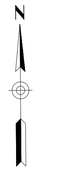
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MATCH LINE - SEE SHEET LP12







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CITY OF SCOTTSDALE ARIZONA
PUBLIC WORKS
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SHEET TITLE
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SCALE	DESIGNED		BID NO.	SHT.
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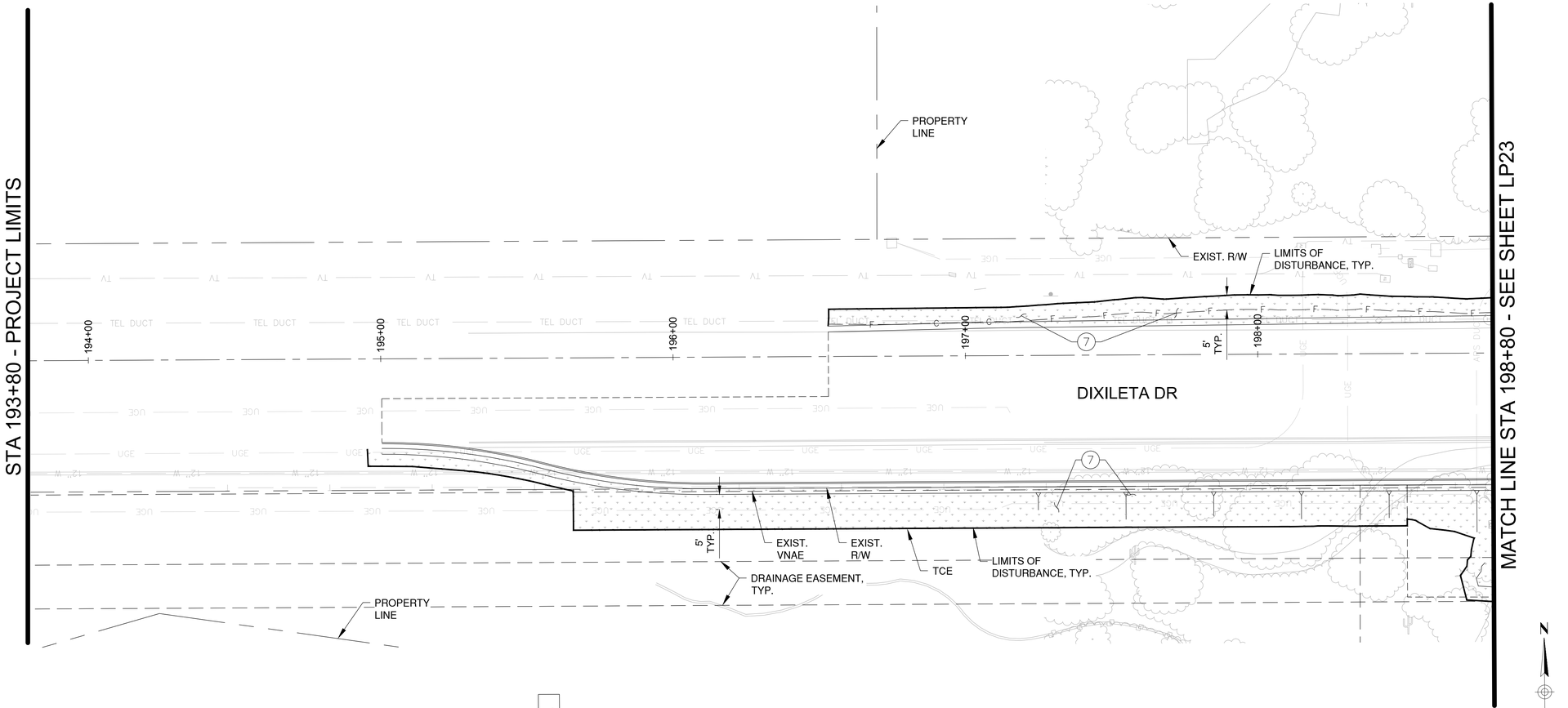
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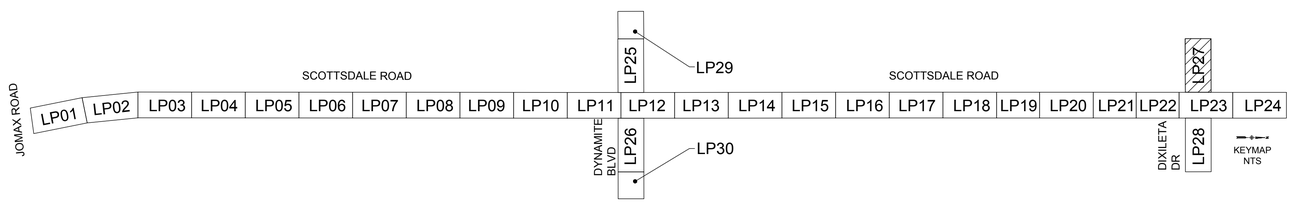
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Registered Landscape Architect
CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
10/31/23

CITY OF SCOTTSDALE ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
LANDSCAPE PLAN

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ. 1"=20'	RC			LP27
VERT.	DRAWN MM / AF	AS-BUILT	COS PROJECT NO. SG05	221 OF 299

PLAN REVIEW NO. 2522-22

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\J2Cad\Sheets\1390-LS200.dwg

2-DR-2024
2/27/24

HARDSCAPE LEGEND

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION
1		DECOMPOSED GRANITE, (COS 2620) (RAISED MEDIANS) (1/4" MINUS) (2" MIN. DEPTH) (PALOMINO GOLD)
2		DECOMPOSED GRANITE (STABILIZED) (TRAIL) (1/4" MINUS) (2-2" LIFTS / 4" MIN. DEPTH) (PALOMINO GOLD)
3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)
5		RIP RAP 8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55) (12" MIN. DEPTH) (PALOMINO GOLD) (CHECK DAMS) (ROUNDABOUT INFIELD BUFFER)

HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

KEY NO.	PATTERN	DESCRIPTION	
6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	
7		DECOMPOSED GRANITE RESTORATION ALLOWANCE (COS & PRIVATE PROPERTY) (COS 2620) (MATCHING GRADATION & COLOR) (1" MIN. DEPTH)	
8	A	PIT RUN BOULDER: 800 LBS - 2'x2'x2'	SHEET HD02, DETAIL 3
9	B	PIT RUN BOULDER: 2,700 LBS - 3'x3'x3'	SHEET HD02, DETAIL 3
10	C	PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'	SHEET HD02, DETAIL 3
11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
12		ROCK CHECK DAM	SHEET HD03, DETAIL 3

GENERAL NOTES

CONTRACTOR NOTES:

1. SEE HN01 FOR HARDSCAPE SCHEDULE WITH INERT MATERIALS INFORMATION.
2. CONTRACTOR SHALL FIELD STAKE LOCATIONS OF SURFACE MATERIAL LAYOUT AREAS AND OBTAIN CITY ENGINEER APPROVAL PRIOR TO CONSTRUCTION OPERATIONS.
3. CONTRACTOR SHALL PROVIDE 3 GALLON SAMPLES OF ALL NEW AND MATCHING DECOMPOSE GRANITE "GRADATION AND COLOR" TO CITY ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING ANY NEW LANDSCAPE OR LANDSCAPE RESTORATION WORK.
4. SVT- SIGHT VISIBILITY TRIANGLES AND SDL- SIGHT DISTANCE LINES PER COS DS&PM STANDARDS.
5. MEDIAN AND LANDSCAPE BUFFER GRADE ELEVATIONS: +X OR -X SPOT ELEVATIONS WITHIN MEDIANS BUFFERS ARE REFERENCED TO THE CONTAINMENT TOP OF CURB (TOC) HEIGHT.
6. CONTRACTOR TO PROTECT IN PLACE EXISTING ALL SIGNAGE, TRAFFIC SIGNAL EQUIPMENT, FIBER OPTIC CONDUIT AND EQUIPMENT.

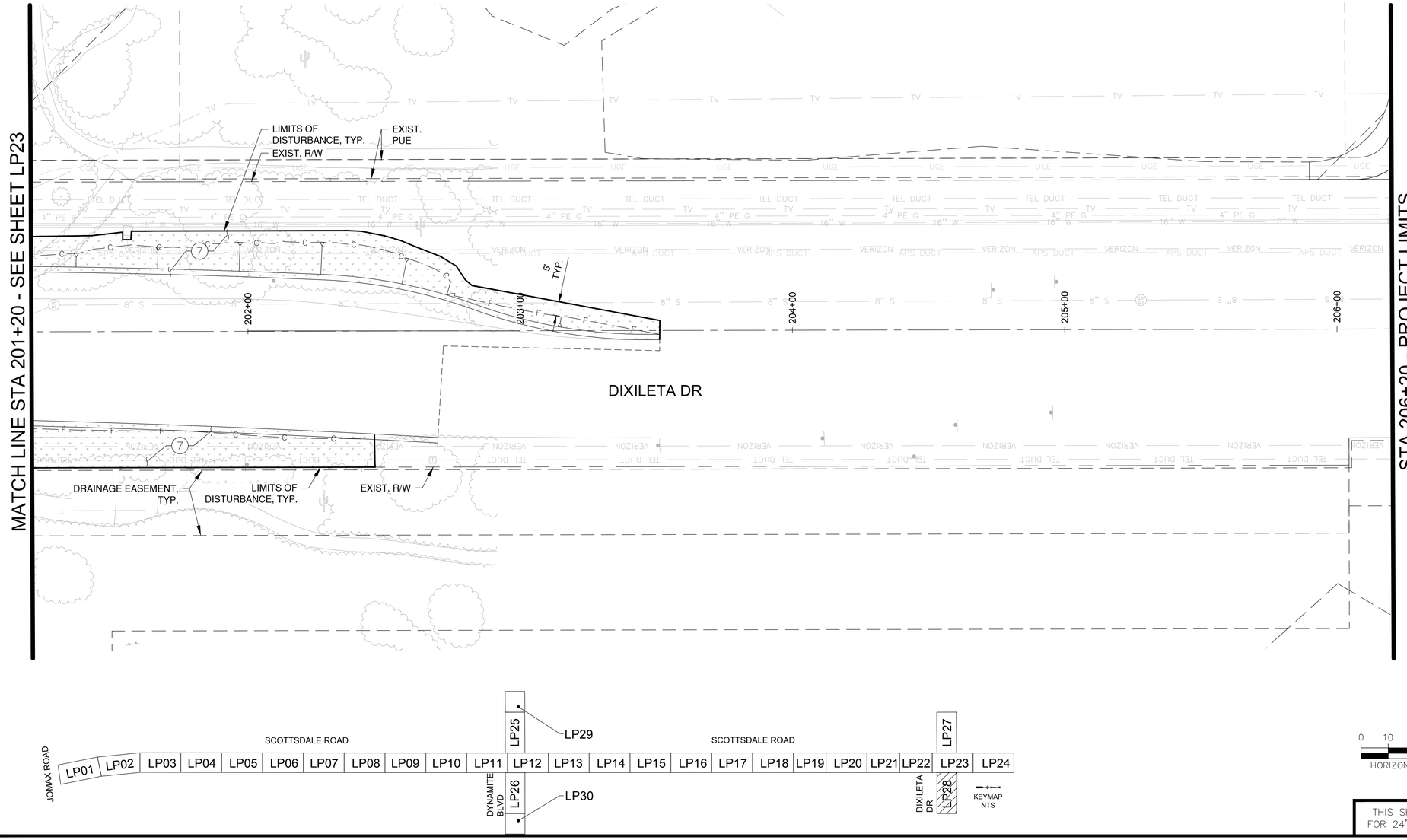
LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES AND CACTI:	
#	CELTIS OCCIDENTALIS	HACKBERRY
	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
	OLNEYA TESOTA	IRONWOOD TREE
	PROSOPIS VELUTINA	ARIZONA MESQUITE
	ZIZIPHUS OBTUSIFLOIA	GRAYTHORN
#	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS FEROCACTUS SPECIES	SAGUARO OCOTILLO BARREL
	# = NPI ID. SEE NPI PLANS AND SUMMARY TABLES	SEE NPI & LANDSCAPE FOR LOCATIONS AND INFORMATION.
P #	CERCIDIUM SPECIES	FOOTHILLS PALO VERDE BLUE PALO VERDE
	OLNEYA TESOTA	IRONWOO TREE
P #	CARNEGIEA GIGANTEA FOUQUIERIA SPLENDENS	SAGUARO OCOTILLO

P # = REMAIN IN PLACE NPI ID. SEE NPI PLANS AND SUMMARY TABLES

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0 10 20 40

HORIZONTAL 1"= 20'

THIS SHEET SCALED FOR 24"X36" BORDER

J2 engineering and environmental design
4649 east cotton gin loop, suite B2
phoenix, arizona 85040
phone: 602.438.2221
www.j2design.us

NEW PLANT LEGEND

SYM	BOTANICAL NAME	COMMON NAME
	TREES:	
	CHILOPSIS LINEARIS 'LUCRETIA HAMILTON'	DESERT WILLOW
	OLNEYA TESOTA	IRONWOOD
	PARKINSONIA MICROPHYLLUM	FOOTHILLS PALO VERDE
	SHRUBS:	
	AMBROSIA DELTOIDEA	BURSAGE
	ANISACANTHUS THURBERI	DESERT HONEYSUCKLE
	ARISTIDA PURPUREA	PURPLE THREEAWN
	CALLIANDRA ERIOPHYLLA	PINK FAIRY DUSTER
	ENCELIA FARINOSA	BRITTLEBUSH
	HESPERALOE PARVIFLORA 'BRAKELIGHTS'	BRAKELIGHTS HESPERALOE
	JUSTICIA CALIFORNICA	CHUPAROSA
	LARREA TRIDENTATA	CREOSOTE
	GROUNDCOVERS:	
	ABRONIA VILLOSA	SAND VERBENA
	BAILEYA MULTIRADIATA	DESERT MARIGOLD
	PENSTEMON PARRYI	PARRY'S PENSTEMON
	ACCENTS / CACTUS	
	ALOE 'BLUE ELF'	'BLUE ELF' ALOE
	CARNEGIEA GIGANTEA	SAGUARO
	DASYLIRION WHEELERI	DESERT SPOON
	ECHINOCEREUS ENGLEMANNII	HEDGEHOG CACTUS
	FEROCACTUS WISLIZENI	FISHHOOK BARREL CACTUS
	FOUQUIERA SPLENDENS	OCOTILLO
	MUHLENBERGIA CAPILLARIS	REGAL MIST
	OPUNTIA VERSICOLOR	STAGHORN CHOLLA
	OPUNTIA LEPTOCAULIS	DESERT CHRISTMAS CHOLLA
	OPUNTIA ENGELMANNII	ENGELMANN'S PRICKLEY PEAR
	YUCCA BACCATA	BANANA YUCCA

CONTRACTOR NOTES:
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2. REFER TO PLAN SHEET LN01 FOR PLANTING AND INERT MATERIALS LEGENDS WITH PRODUCT AND MFG INFORMATION.

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2-DR-2024
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HARDSCAPE LEGEND

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HARDSCAPE LEGEND CONT.

INERT SURFACE MATERIALS

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11		6" CONC. HEADER (RAISED MEDIANS)	SHEET HD01, DETAIL 4
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LANDSCAPE LEGEND

SALVAGE PLANT LEGEND

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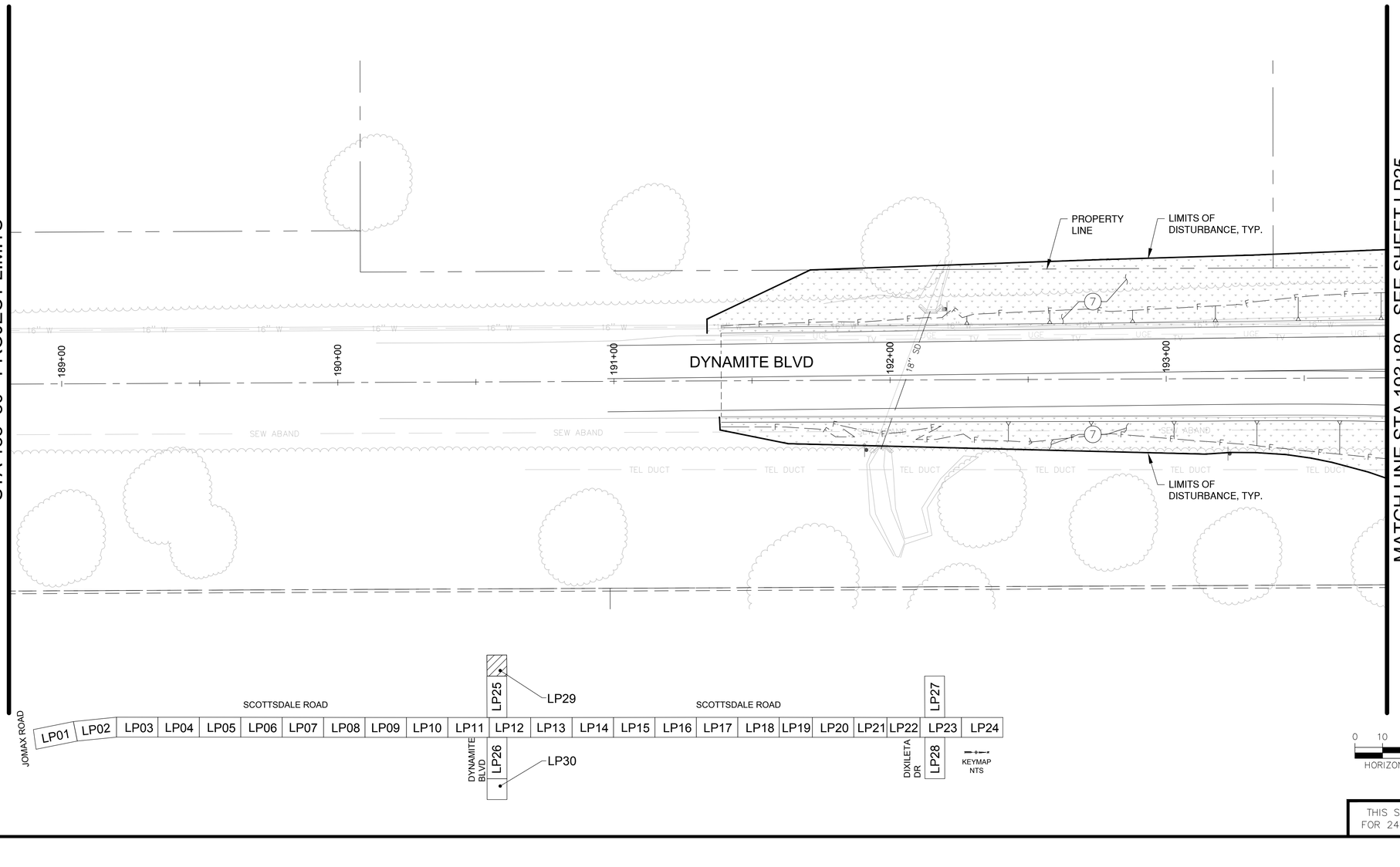
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	MM/AF		SG05	

PLAN REVIEW NO. 2522-22

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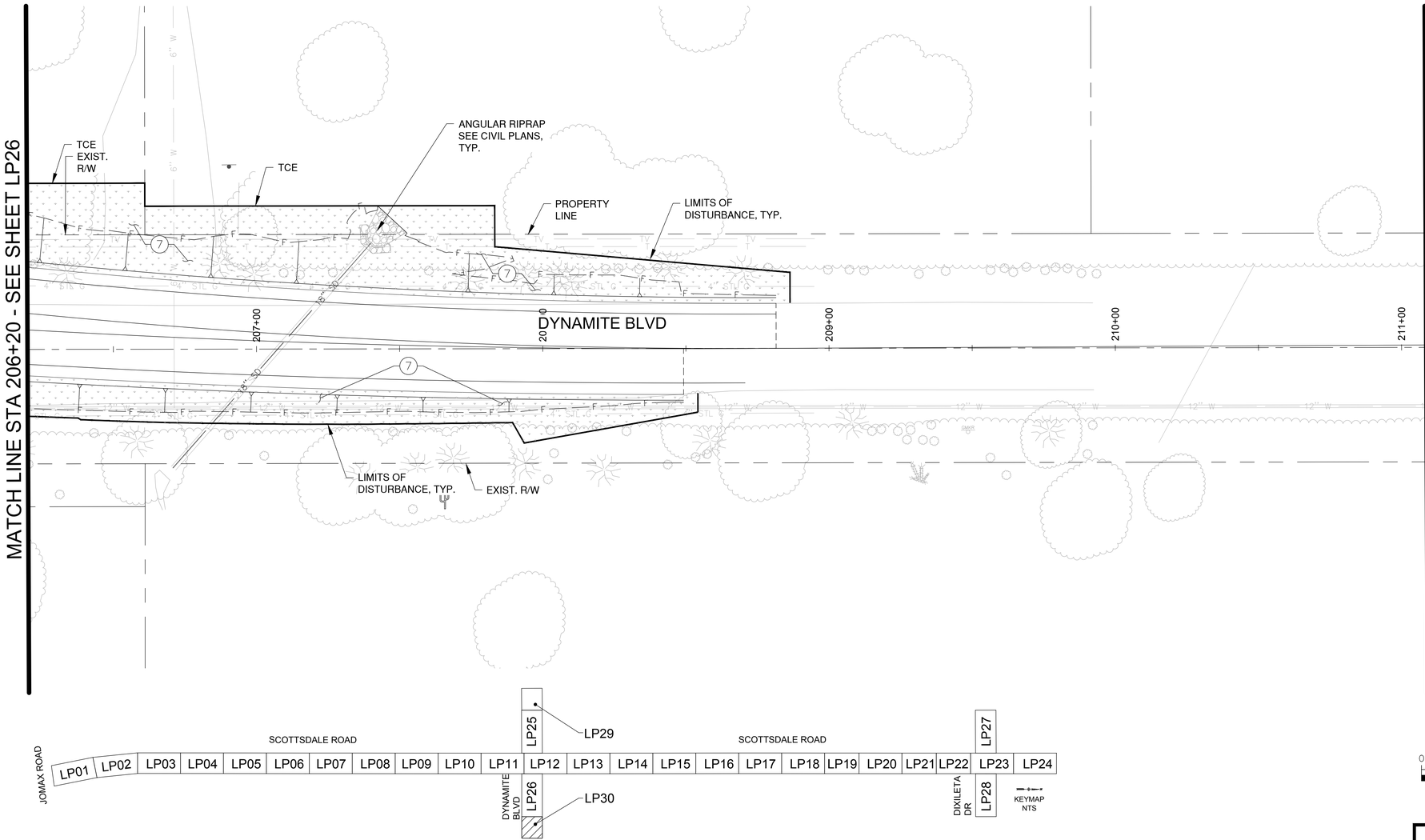
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HARDSCAPE MATERIALS SCHEDULE

INERT SURFACE MATERIAL

KEY NO.	PATTERN	DESCRIPTION	GRADATION	COLOR	SUPPLIER	QTY.	REMARKS	SHEET/DETAIL
1		DECOMPOSED GRANITE, (COS 2620) (RAISED MEDIANS) (1/4" MINUS) (2" MIN. DEPTH) (PALOMINO GOLD)	1/4" MINUS DECOMPOSED GRANITE (2" MIN. DEPTH)	PALOMINO GOLD OR APPROVED EQUAL	PIONEER LANDSCAPE CENTER OR APPROVED EQUAL	6,488 S.Y.	1/4" MINUS DECOMPOSED GRANITE: PRIOR TO CONSTRUCTION OPERATIONS, CONTRACTOR TO PROVIDE DG SAMPLES FOR CITY APPROVAL .	SHEET HD01, DETAIL 2,3,4 & 6
2		DECOMPOSED GRANITE (STABILIZED) (TRAIL) (1/4" MINUS) (2-2" LIFTS / 4" MIN. DEPTH) (PALOMINO GOLD)	1/4" MINUS STABILIZED DECOMPOSED GRANITE (2-2" LIFTS / 4" MIN. DEPTH)	PALOMINO GOLD OR APPROVED EQUAL	PIONEER LANDSCAPE CENTER OR APPROVED EQUAL	490 S.Y.	DECOMPOSED GRANITE (STABILIZED) (1/4" MINUS) (TRAIL) (2" LIFTS / 4" MIN. DEPTH) PRIOR TO CONSTRUCTION OPERATIONS, CONTRACTOR TO PROVIDE DG SAMPLES FOR CITY APPROVAL.	SHEET HD01, DETAIL 5
3		DESERT PAVEMENT (3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH) (PALOMINO GOLD)	3" SCREENED BLEND: (40% 3" ANGULAR RIP RAP + 60% 1 1/2" MINUS)	PALOMINO GOLD OR APPROVED EQUAL	PIONEER LANDSCAPE CENTER OR APPROVED EQUAL	20,104 S.Y.	3" SCREENED BLEND: 40% 3" ANGULAR RIP RAP + 60% 1-1/2" MINUS) (3" MIN. DEPTH): PRIOR TO CONSTRUCTION OPERATIONS, CONTRACTOR TO PROVIDE DESERT PAVEMENT SAMPLES FOR CITY APPROVAL.	SHEET LD02, DETAIL 1
4		RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50) (6" DEPTH) (PALOMINO GOLD) (6" MIN. DEPTH)	RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50)	PALOMINO GOLD OR APPROVED EQUAL	PIONEER LANDSCAPE CENTER OR APPROVED EQUAL	775 S.Y. (LID'S ONLY)	RIP RAP (4" TO 6" SCREENED BLEND: 40% 4" ANGULAR RIP RAP + 60% 5"-6" ANGULAR RIP RAP) (ANGULAR D-50). PRIOR TO CONSTRUCTION OPERATIONS, CONTRACTOR TO PROVIDE RIP RAP SAMPLES FOR CITY APPROVAL.	SHEET HD02, DETAIL 2
5		RIP RAP 8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55) (12" MIN. DEPTH) (PALOMINO GOLD) (CHECK DAMS) (ROUNDABOUT INFIELD BUFFER)	8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55)	PALOMINO GOLD OR APPROVED EQUAL	PIONEER LANDSCAPE CENTER OR APPROVED EQUAL	349 S.Y.	8" TO 12" SCREENED BLEND: 40% 12" ANGULAR RIP RAP + 60% 8" ANGULAR RIP RAP) (ANGULAR D-55). PRIOR TO CONSTRUCTION OPERATIONS, CONTRACTOR TO PROVIDE ANGULAR RIP RAP SAMPLES FOR CITY APPROVAL.	SHEET HD02, DETAIL 2
6		EXPOSED AGGREGATE CONCRETE PAVEMENT: (3/8" SCREENED) (4" MIN. DEPTH) (INTEGRAL COLOR: SAN DIEGO BUFF)	3/8" SCREENED EXPOSED AGGREGATE CONCRETE (4" MIN. DEPTH)	COLOR: SAN DIEGO BUFF OR APPROVED EQUAL	GENERALCONTRACTOR	7,856 S.F.	PROVIDE 10' X10' MOCK-UP SAMPLE FOR CITY APPROVAL	SHEET HD01, DETAIL 3
7		DECOMPOSED GRANITE RESTORATION ALLOWANCE (COS & PRIVATE PROPERTY) (COS 2620) (MATCHING GRADATION & COLOR) (1" MIN. DEPTH)	GRANITE: GRADATION AND COLOR VARIES	MATCH EXISTING COLOR	GENERAL CONTRACTOR	66,641 S.Y.	VARIED GRADATION AND COLOR: PROVIDE 3 GAL. SAMPLES FOR CITY APPROVAL	SHEET LD02, DETAIL 4

KEY NO.	SYMBOL	DESCRIPTION	QTY	SHEET/DETAIL
8		PIT RUN BOULDER: 800 LBS - 2'x2'x2'. COLOR: PALOMINO GOLD OR APPROVED EQUAL	64 EA	SHEET HD02, DETAIL 3
9		PIT RUN BOULDER: 2,700 LBS - 3'x3'x3'. COLOR: PALOMINO GOLD OR APPROVED EQUAL	72 EA	SHEET HD02, DETAIL 3
10		PIT RUN BOULDER: 6,400 LBS - 4'x4'x4'. COLOR: PALOMINO GOLD OR APPROVED EQUAL	44 EA	SHEET HD02, DETAIL 3
11		6" CONCRETE HEADER (RAISED MEDIANS)	85 LF	SHEET HD01, DETAIL 4
12		CHECK DAMS & BIOSWALES (RAISED MEDIANS) LID DETAILS	24 EA	SHEET HD03, DETAIL 3

GENERAL NOTES:

1. SVT- SIGHT VISIBILITY TRIANGLES AND SDL- SIGHT DISTANCE LINES PER COS GEOMETRICS SECTION 5-3.
2. MEDIAN AND LANDSCAPE BUFFER GRADE ELEVATIONS: +X OR -X SPOT ELEVATIONS WITHIN MEDIANS BUFFERS ARE REFERENCED TO THE CONTAINMENT CURB HEIGHT.
3. CONTRACTOR TO PROTECT IN PLACE EXISTING ALL SIGNAGE, TRAFFIC SIGNAL EQUIPMENT, FIBER OPTIC CONDUIT AND EQUIPMENT.

HARDSCAPE NOTES:

1. CONTRACTOR SHALL FIELD STAKE LOCATIONS OF SURFACE MATERIAL LAYOUT AREAS AND OBTAIN CITY ENGINEER APPROVAL PRIOR TO CONSTRUCTION OPERATIONS.
2. CONTRACTOR SHALL PROVIDE 3 GALLON SAMPLES OF ALL NEW AND MATCHING DECOMPOSE GRANITE "GRADATION AND COLOR" TO CITY ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING ANY NEW LANDSCAPE OR LANDSCAPE RESTORATION WORK.

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phone: 602.438.2221
www.j2design.us

Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

DATE	REVISION	BY

ENGINEER

Registered Landscape Architect
CERTIFICATE NO.
35538
JEFFREY T. VELASQUEZ
Date Signed
ARIZONA U.S.A.

CITY OF SCOTTSDALE
ARIZONA

PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT
7447 E. INDIAN SCHOOL RD.
SCOTTSDALE, ARIZONA 85251

SHEET TITLE
HARDSCAPE AMENITY SCHEDULE

PROJECT TITLE
SCOTTSDALE ROAD
JOMAX ROAD TO DIXILETA DRIVE

THIS SHEET SCALED FOR 24"X36" BORDER

SCALE	DESIGNED	09/2023	BID NO.	SHT.
HORIZ.	RC			HN01
VERT.	DRAWN MM/AF	AS-BUILT	COS PROJECT NO. SG05	230 OF 299

PLAN REVIEW NO. 2522-22

2-DR-2024
2/27/24

PLOT DATE: Sep 26, 2023

FILE: P:\201390.001\J2cad\Sheets\1390-HN01.dwg