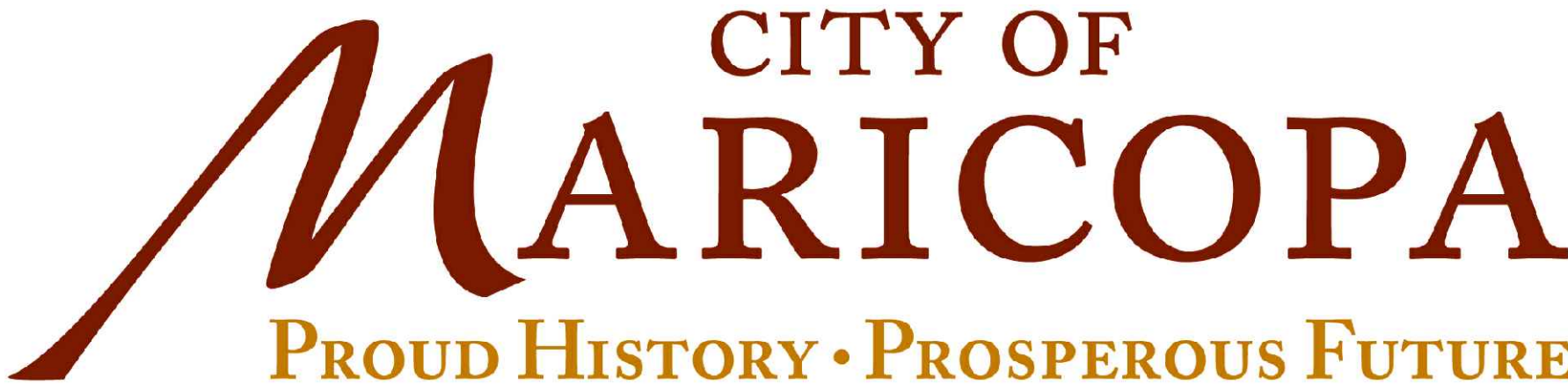


Exhibit D
Access Road Details



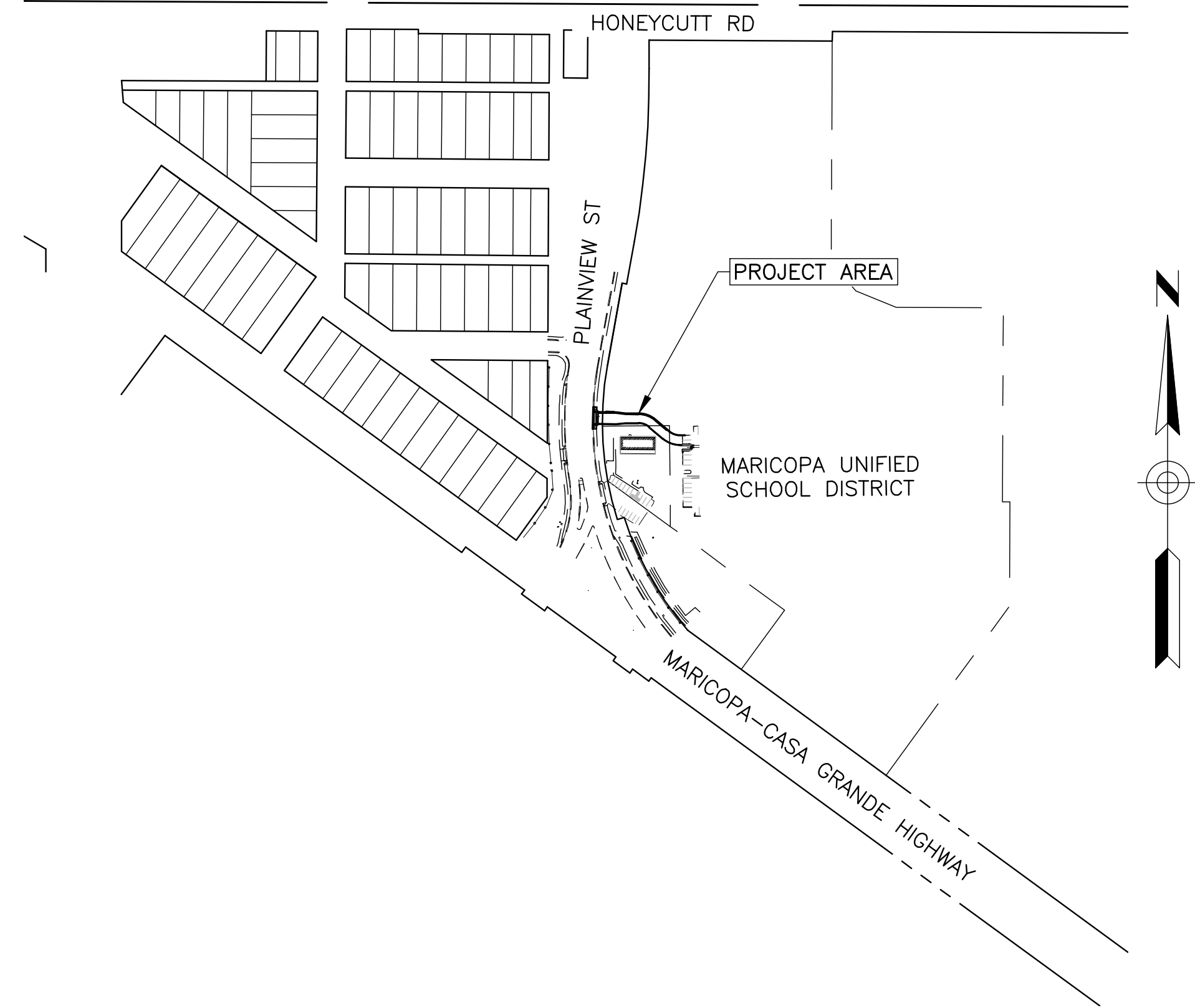
HERITAGE DISTRICT ACCESS ROAD
CITY OF MARICOPA PROJECT NUMBER TBD
JULY 2022

AS BUILT DATE

DIBBLE

DIBBLE PROJECT NO. 1015051.10

PRELIMINARY
SUBMITTAL
90%
NOT FOR
CONSTRUCTION
OR RECORDING



LOCATION MAP
NTS
T4S, R3E, SECTION 27

SHEET INDEX		
SHEET	DRAWING	DESCRIPTION
1	G1	COVER
2	G2	ABBREVIATIONS & LEGEND
3	G3	GENERAL NOTES
4	G4	SURVEY CONTROL
5	G5	TYPICAL SECTIONS
6	G6	DETAILS
7	P1	ROADWAY PLAN & PROFILE
8	GD1	GRADING & DRAINAGE PLAN
9	SP1	STAKING PLAN
10	SD1	STORM DRAIN PLAN

BENCHMARK

POINT NUMBER 9
FOUND US COAST 3 GEODETIC SURVEY BENCHMARK Z284

GROUND NORTHING = 749819.47
GROUND EASTING = 657624.27
PUBLISHED ELEVATION = 1166.52

CONTACT INFORMATION

OWNER:
MIKE RIGGS
CITY OF MARICOPA
39700 W CIVIC CENTER PLAZA
MARICOPA, AZ 85138
P: (520) 316-4630

ENGINEER:
PAUL BALCH, PE
DIBBLE
7878 NORTH 16TH STREET
SUITE 300
PHOENIX, AZ 85020
P: (602) 957-1155
F: (602) 957-2838
www.dibblecorp.com



UTILITY COORDINATION				
UTILITY COMPANY	COMPANY REPRESENTATIVE	TELEPHONE NUMBER	DATE SENT	RESPONSE
LUMEN TECHNOLOGIES	KEVIN WAGNER	(815) 245-9640	7/22/22	-
ELECTRICAL DISTRICT 3	GREG HOMOL	(520) 424-0416	7/22/22	-
FATBEAM	CHARITI ZLATEFF	(208) 770-9743	7/22/22	-
GLOBAL WATER	RON LAKEFIELD	(480) 229-3409	7/22/22	-
KINDER MORGAN ENERGY	KELLEY SIMS	(520) 663-4223	7/22/22	-
ORBITEL COMMUNICATIONS	BRIAN JOHNS	(602) 769-6763	7/22/22	-
SOUTHWEST GAS	THOMAS BROWN	(520) 316-5019	7/22/22	-
ZAYO GROUP	MATT BURKE	(480) 206-7860	7/22/22	-

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE AS-BUILT MEASUREMENTS AS NOTED
HEREON WERE MADE BY MYSELF OR UNDER MY SUPERVISION AND
ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR/ENGINEER _____ DATE _____

REGISTRATION NUMBER _____ EXPIRATION DATE _____

THE INFORMATION SHOWN ON THIS RECORD DRAWING HAS BEEN PREPARED
FROM INFORMATION PROVIDED BY THE CONTRACTOR. THE ENGINEER SHALL
NOT BE LIABLE FOR ANY ERROR AND/OR OMISSIONS RESULTING FROM
THE USE OF RECORD DRAWING SHOWN HEREIN.

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PROJECT: HERITAGE DISTRICT ACCESS ROAD DATE: JULY 2022

STANDARD ABBREVIATIONS & LEGEND

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ABAND	ABANDONED
ABC	AGGREGATE BASE COURSE
AC	ACRES
AC	ASPHALT CONCRETE
ACFC	ASPHALT CONCRETE FRICTION COURSE
ACI	AMERICAN CONCRETE INSTITUTE
ACP	ASBESTOS CEMENT PIPE
ACSC	ASPHALT CONCRETE SURFACE COURSE
ADA	AMERICANS WITH DISABILITIES ACT
ADOT	ARIZONA DEPARTMENT OF TRANSPORTATION
AHD	AHEAD
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AFL	APPROVED PRODUCTS LIST
AFS	ARIZONA PUBLIC SERVICE
ASLD	ARIZONA STATE LAND DEPARTMENT
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
AVE	AVENUE
B/C	BACK OF CURB
BC	BRASS CAP
BCF	BRASS CAP FLUSH
BCHH	BRASS CAP IN HANDHOLE
BCR	BEGIN CURB RETURN
BK	BACK
BKFL	BACKFILL
BLDG	BUILDING
BLVD	BOULEVARD
BM	BENCHMARK
BOT	BOTTOM
C	CONCRETE ELEVATION
C	CONDUIT
C&G	CURB AND GUTTER
CAP	CORRUGATED ALUMINUM PIPE
CATV	CABLE TELEVISION
CB	CATCH BASIN
CIP	CAST IRON PIPE
CIP	CAST IN PLACE
CIPP	CURED IN PLACE PIPE
CK	CHECKED
C	CENTERLINE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
COMM	COMMUNICATION
CONC	CONCRETE
CONST	CONSTRUCTION
COR	CORNER
CORR	CORRECTION
CSP	CORRUGATED STEEL PIPE
CTB	CEMENT TREATED BASE
D/W	DRIVEWAY
DB	DUCT BANK
DES	DESIGN
DET	DETAIL
DG	DECOMPOSED GRANITE
DIP	DUCTILE IRON PIPE
DR	DRIVE
DRN	DRAWN
DRNG	DRAINAGE
DWG	DRAWING
E	EAST, EASTING
E/P	EDGE OF PAVEMENT
EA	EACH
EB	ELECTRIC PULLBOX
ECR	END CURB RETURN
EGL	ENERGY GRADE LINE
EL	ELEVATION
ELEC	ELECTRIC
ESMT	EASEMENT
EVAC	EAST VALLEY ASPHALT COMMITTEE
EXST	EXISTING
F	FAX NUMBER
F/C	FACE OF CURB
FCDMC	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
FF	FINISH FLOOR ELEVATION
FG	FINISH GRADE ELEVATION
FH	FIRE HYDRANT
FHWA	FEDERAL HIGHWAY ADMINISTRATION
FL	FIRE LINE
FL	FLOWLINE
FL	FLANGE
FND	FOUND
FO	FIBER OPTIC
FT	FOOT OR FEET
G	GUTTER ELEVATION
G	GAS
GAF	GRID ADJUSTMENT FACTOR
GB	GRADE BREAK
GM	GAS METER
GND	GROUND
GV	GAS VALVE
H	HORIZONTAL
HDPE	HIGH DENSITY POLYETHYLENE
HDWL	HEADWALL
HGL	HYDRAULIC GRADE LINE
HP	HIGH PRESSURE
HW	HIGH WATER
HWY	HIGHWAY
ID	INSIDE DIAMETER
INV	INVERT
IRR	IRRIGATION
IV	IRRIGATION VALVE
L	LENGTH OF CURVE
LF	LINEAR FEET
LS	LUMP SUM
LT	LEFT

MAG	MARICOPA ASSOCIATION OF GOVERNMENTS
MAX	MAXIMUM
MB	MAILBOX
MCDOT	MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION
MCESD	MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT
MCDWID	MARICOPA DOMESTIC WATER IMPROVEMENT DISTRICT
ME	MATCH EXISTING
MH	MANHOLE
MI	MILES
MIN	MINIMUM
MJ	MECHANICAL JOINT
M	MONUMENT LINE
MOD	MODIFIED
N	NORTH, NORTHING
NC	NORMAL CROWN
NE	NORTHEAST
NO	NUMBER
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
NPI	NON-PAY ITEM
NSF	NATIONAL SANITATION FOUNDATION
NTS	NOT TO SCALE
NW	NORTHWEST
OC	ON CENTER
OD	OUTSIDE DIAMETER
OHE	OVERHEAD ELECTRIC
OHT	OVERHEAD TELEPHONE
P	PAVEMENT ELEVATION
P	PHONE NUMBER
PB	PULLBOX
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PCCP	PORTLAND CEMENT CONCRETE PAVEMENT
PE	POLYETHYLENE PIPE
PED	TELEPHONE PEDESTAL
PGL	PROFILE GRADE LINE
PH#	POTHOLE NUMBER
PI	POINT OF INTERSECTION
PIP	PROTECT IN PLACE
P	PROPERTY LINE
PLSS	PUBLIC LAND SURVEY SYSTEM
POC	POINT ON CURVE
POT	POINT ON TANGENT
PP	POWER POLE
PRC	POINT OF REVERSE CURVATURE
PROP	PROPOSED
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PT	POINT
PUE	PUBLIC UTILITY EASEMENT
PVC	POLY VINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVRC	POINT OF VERTICAL REVERSE CURVATURE
PVT	POINT OF VERTICAL TANGENCY
R	RADIUS
R	RANGE
R/W	RIGHT-OF-WAY
RCBC	REINFORCED CONCRETE BOX CULVERT
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RDWY	ROADWAY
RELOC	RELOCATE
RGRCP	RUBBER GASKET REINFORCED CONCRETE PIPE
RR	RAILROAD
RT	RIGHT
S	SLOPE
S	SOUTH
S/W	SIDEWALK
SD	STORM DRAIN
SE	SOUTHEAST
SEC	SECTION
SF	SQUARE FOOT
SG	SUBGRADE ELEVATION
SHLDR	SHOULDER
SHT	SHEET
SPEC	SPECIFICATIONS
SRP	SALT RIVER PROJECT
SS	SANITARY SEWER
SSD	STOPPING SIGHT DISTANCE
ST	STREET
STA	STATION
STD	STANDARD
STL	STEEL
SW	SOUTHWEST
SWG	SOUTHWEST GAS COMPANY
SY	SQUARE YARD
T	TOWNSHIP
T	TANGENT LENGTH
T/W	TOP OF WALL
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
TCE	TEMPORARY CONSTRUCTION EASEMENT
TEL	TELEPHONE
TEMP	TEMPORARY
TN	TOP OF NUT
TOE	TOE OF EMBANKMENT
TRAN	TRANSITE PIPE
TS	TRAFFIC SIGNAL
TYP	TYPICAL
UNK	UNKNOWN
UPRR	UNION PACIFIC RAILROAD
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VERTICAL
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VG	VALLEY GUTTER
VNAE	VEHICULAR NON ACCESS EASEMENT

W	WEST
W	WATER
W/	WITH
W/O	WITHOUT
WM	WATER METER
WSE	WATER SURFACE ELEVATION
WV	WATER VALVE
XFMR	TRANSFORMER

EXISTING

	BENCHMARK
	BRASS CAP FLUSH
	BRASS CAP IN HANDHOLE
	BACKFLOW PREVENTER
	CACTUS
	DRYWELL
	FIRE HYDRANT
	FIRE DEPT CONNECTION
	FLAG POLE
	GATE
	GRATE
	GUY WIRE
	HEADWALL
	MAILBOX
	MANHOLE (TYPE NOTED)
	METER (TYPE NOTED)
	PEDESTAL (TYPE NOTED)
	PULLBOX (TYPE NOTED)
	RIPRAP
	ROCK
	SHRUB
	SIGN
	STREET LIGHT
	TREE
	UTILITY POLE
	VALVE (TYPE NOTED)
	BUILDING SETBACK
	DISTRICT BOUNDARY OR CITY LIMITS
	EASEMENT
	FOREST BOUNDARY LINE
	MID-SECTION
	PROPERTY LINE
	RIGHT-OF-WAY
	SECTION
	CHANNEL
	CURB & GUTTER
	EDGE OF PAVEMENT
	FENCE WOOD
	FENCE WIRE
	FENCE CHAINLINK
	FLOWLINE
	GUARDRAIL
	MASONRY WALL/RETAINING WALL
	MAJOR CONTOUR
	MINOR CONTOUR
	RAILROAD
	SINGLE CURB
	SIDEWALK
	NO 7 PULLBOX
	METER PEDESTAL
	CONTROLLER CABINET W/FOUNDATION
	UNINTERRUPTIBLE POWER SUPPLY
	TRAFFIC SIGNAL FOUNDATION
	TRAFFIC SIGNAL INDICATION
	PEDESTRIAN INDICATION (PED)
	PEDESTRIAN PUSH BUTTON (PB)
	VIDEO DETECTION CAMERA (VDC)
	EMERGENCY VEHICLE PRE-EMPTION (EVP)
	INTERNALLY ILLUMINATED STREET NAME SIGN (IISNS)
	CCTV CAMERA
	ETHERNET RADIO ANTENNA (ERA)

NEW

	BENCHMARK
	BRASS CAP FLUSH
	BRASS CAP IN HANDHOLE
	BACKFLOW PREVENTER
	CACTUS
	DRYWELL
	FIRE HYDRANT
	FIRE DEPT CONNECTION
	FLAG POLE
	GATE
	HEADWALL
	MAILBOX
	MANHOLE
	METER
	PIPE PLUG
	POTHOLE LOCATION
	PULLBOX
	RIPRAP
	ROCK
	SHRUB
	SIGN
	STREET LIGHT
	TREE
	UTILITY POLE
	VALVE
	BUILDING SETBACK
	CENTERLINE
	EASEMENT
	LIMITS OF CONSTRUCTION
	RIGHT-OF-WAY
	BASE FLOOD ELEVATION
	CHANNEL
	CURB & GUTTER
	DAYLIGHT LINE, CUT
	DAYLIGHT LINE, FILL
	EDGE OF PAVEMENT
	FENCE WOOD
	FENCE WIRE
	FENCE CHAINLINK
	FLOWLINE
	GUARDRAIL
	MASONRY WALL/RETAINING WALL
	MAJOR CONTOUR
	MINOR CONTOUR
	SIDEWALK
	SINGLE CURB
	NO 7 PULLBOX
	NO 7 PULLBOX W/EXTENSION
	METER PEDESTAL
	CONTROLLER CABINET W/FOUNDATION
	UNINTERRUPTIBLE POWER SUPPLY
	TRAFFIC SIGNAL FOUNDATION
	TRAFFIC SIGNAL INDICATION
	PEDESTRIAN INDICATION (PED)
	PEDESTRIAN PUSH BUTTON (PB)
	VIDEO DETECTION CAMERA (VDC)
	EMERGENCY VEHICLE PRE-EMPTION (EVP)
	INTERNALLY ILLUMINATED STREET NAME SIGN (IISNS)
	CCTV CAMERA
	ETHERNET RADIO ANTENNA (ERA)

EXISTING

	CABLE TV
	COMMUNICATION
	ELECTRIC (UNDERGROUND)
	ELECTRIC (OVERHEAD)
	FIBER OPTIC
	FIRE LINE
	GAS
	IRRIGATION LINE 18" OR SMALLER
	IRRIGATION LINE 21" OR LARGER
	RECLAIMED WATER 18" OR SMALLER
	RECLAIMED WATER 21" OR LARGER
	TELEPHONE
	SEWER LINE 18" OR SMALLER
	SEWER LINE 21" OR LARGER
	STORM DRAIN 18" OR SMALLER
	STORM DRAIN 21" OR LARGER
	WATER LINE 18" OR SMALLER
	WATER LINE 21" OR LARGER
	TRAFFIC SIGNAL CONDUIT

NEW

	STORM DRAIN
	UTILITY LINE
	TRAFFIC SIGNAL CONDUIT

AS BUILT DATE

DIBBLE

DIBBLE PROJECT NO 1015051.10

PRELIMINARY
SUBMITTAL
90%
NOT FOR
CONSTRUCTION
OR RECORDING

REVISION BY DATE

CITY OF
MARICOPA
PROUD HISTORY • PROSPEROUS FUTURE

PROJECT NO TBD

HERITAGE DISTRICT ACCESS ROAD

ABBREVIATIONS & LEGEND

DRN: MGL	DES: AWE	CK: PB	DRAWING	SHEET
DATE: 07/22	DATE: 07/22	DATE: 07/22	G2	2 OF 10
SCALE: N/A				

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GENERAL NOTES: CONSTRUCTION INSPECTION AND TESTING

- A. ALL PUBLIC IMPROVEMENT CONSTRUCTION WITHIN THE PUBLIC ROW AND ONSITE SHALL BE CONDUCTED IN ACCORDANCE WITH, AND CONFORM TO, THE LATEST EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, BOTH AS PUBLISHED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG).

B. INSPECTION OF WORK PER MAG 105.10: THE ENGINEER SHALL BE PERMITTED TO INSPECT ALL MATERIALS, AND EACH PART OR DETAIL OF THE WORK AT ANY TIME FOR THE PURPOSE OF EXPEDITING AND FACILITATING THE PROGRESS OF WORK. HE SHALL BE FURNISHED WITH SUCH INFORMATION AND ASSISTANCE BY THE CONTRACTOR, AS IS REQUIRED TO MAKE A COMPLETE AND DETAILED INSPECTION. THE CITY ENGINEER REQUIRES THAT THE ACTUAL TEST RESULT DATA SHEET ACCOMPANY ALL COMPACTION TEST RESULTS SUBMITTED TO THE CITY'S INSPECTOR. PASS/FAIL STATEMENTS ARE NOT ACCEPTABLE WITHOUT THE ATTACHED DATA SHEET. FAILURE TO SUBMIT THE TEST RESULT DATA SHEETS WILL RESULT IN AN INCOMPLETE SUBMITTAL AND THE TEST WILL BE REJECTED.

C. IN THE EVENT OF CONFLICT BETWEEN MAG STANDARD SPECIFICATIONS AND DETAILS AND THESE PLANS, THESE PLANS SHALL PREVAIL.

D. THE OFFICE OF THE CITY ENGINEER SHALL BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK WITHIN THE CITY OF MARICOPA ROW. TELEPHONE: 520-568-9098.

E. CONTRACTOR IS TO NOTIFY ALL PUBLIC UTILITIES AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, FOR FIELD LOCATIONS OF THEIR RESPECTIVE FACILITIES, BY CONTACTING THE FOLLOWING: BLUE STAKE: 1-800-782-5348.

F. CONTRACTOR SHALL COORDINATE AND MAKE ARRANGEMENTS FOR RELOCATION OF ANY UTILITIES CONFLICTING WITH THE PROPOSED CONSTRUCTION OF THESE PLANS, WITH THE APPROPRIATE UTILITY.

G. REMOVAL AND REPLACEMENT OF ALL TREES, SHRUBS, VEGETATION, MISCELLANEOUS STRUCTURES, DEBRIS, RUBBLE AND OTHER DELETERIOUS MATERIALS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE AT THE CONTRACTOR'S EXPENSE.

H. ALL CONCRETE SIDEWALKS, DRIVEWAYS, APRONS, CROSS-PANS, VALLEY GUTTER, CURBS AND GUTTERS LANDSCAPING AND IRRIGATION THAT MAY BE DAMAGED DURING THE COURSE OF CONSTRUCTIONS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. SHORING IS TO BE INSTALLED OR A TRENCH BOX IS TO BE USED, IN ALL TRENCHES IN EXCESS OF FIVE (5') FEET IN DEPTH. A REGISTERED CIVIL ENGINEER OR SOILS ENGINEER SHALL CERTIFY SHORING INSTALLATION PLANS, DETAILS AND SPECIFICATIONS. SHORING MUST CONFORM TO OSHA 29 CFR, PART 1926, AND SUBPART D.

I. COMPACTION TESTING IS REQUIRED AND MUST BE PERFORMED IN THE PRESENCE OF A REPRESENTATIVE OF THE CITY ENGINEER.

J. BACKFILL: BACKFILL WITHIN THE PUBLIC UTILITY EASEMENTS AND WITHIN PUBLIC STREET ROW COMPACT TO 95% OF MAXIMUM THEORETICAL DENSITY PER ASTM D698. ALL MATERIALS OUTSIDE THE MOISTURE LIMIT SHALL BE CONSIDERED UNSUITABLE, AND SUBJECT TO REMOVAL. NO HYDRAULIC COMPACTION OR WATER JET COMPACTION WILL BE ALLOWED. ALL COMPACTION MUST BE DONE BY MECHANICAL MEANS. MOISTURE LIMIT SPEC: 2.0 PERCENT BELOW OPTIMUM MOISTURE, MATERIAL SHALL BE UNIFORM.

K. SUB GRADE: SUB-GRADE PREPARATION FOR ALL NEW STREETS AND ROADWAYS SHALL CONSIST OF SCARIFYING AND LOOSENING SUB-GRADE TO A DEPTH OF SIX (6") INCHES. SUB-GRADE SHALL BE CONSTRUCTED TO ACHIEVE UNIFORM MOISTURE CONTENT BY THE ADDITION OF WATER AND COMPACTED TO 95% OF MAXIMUM DENSITY. MOISTURE SHALL BE MAINTAINED BETWEEN OPTIMUM AND 4.0% BELOW OPTIMUM MOISTURE AND SHALL BE COMPACTED TO 95% ON MAXIMUM THEORETICAL DENSITY, AS DETERMINED BY ASTM D698. ALL MATERIALS OUTSIDE THE MOISTURE LIMIT AT THE TIME OF PLACEMENT AND COMPACTION SHALL BE CONSIDERED UNSUITABLE AND SUBJECT TO REMOVAL. THE FINISHED SURFACE OF THE SUB-GRADE SHALL NOT VARY FROM THE GRADES ESTABLISHED BY THE CITY ENGINEER BY MORE THAN: 0.04 OF A FOOT ABOVE OR BELOW SPECIFIED GRADE.

L. GRADING OF AGGREGATE BASES AND AGGREGATE SUB-BASE SHALL BE AS FOLLOWS: AGGREGATE MATERIALS SHALL HAVE WATER ADDED TO THEM AND SHALL BE MIXED AND PROCESSED TO PRODUCE A UNIFORM BLEND OF MATERIAL BEFORE PLACEMENT. AFTER PROCESSING, THE MATERIAL SHALL BE PLACED AND SPREAD ON THE PREPARED SUB-GRADE AND SHALL BE PLACED IN A UNIFORM LAYER OR LAYERS NOT EXCEEDING SIX (6") INCHES IN COMPACTED DEPTH, UNLESS OTHERWISE APPROVED IN WRITING BY THE CITY ENGINEER. EACH LAYER OF AGGREGATE BASE SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 100% OF THE MAXIMUM DENSITY. THE FINISHED SURFACE OF THE SUB-GRADE SHALL NOT VARY FROM THE GRADES ESTABLISHED BY THE CITY ENGINEER BY MORE THAN: 0.04 OF A FOOT ABOVE OR BELOW SPECIFIED GRADE.

M. COMPACTION TESTING FOR SUB-GRADE WILL BE DONE AFTER THE SUB-GRADE HAS BEEN STRING LINED AND IS WITHIN TOLERANCE AND ACCEPTED BY THE CITY ENGINEER. THE CITY ENGINEER OR HIS REPRESENTATIVE WILL DIRECT THE NUMBER AND LOCATION OF DENSITY TESTS. ALL SUB-GRADES SHALL HAVE A BLUE-TOP ELEVATION SET TO FINISHED GRADE AND LEFT AND RIGHT EDGES OF PAVEMENT, AND CENTERLINE OF ROADWAY.

N. ONE (1) SAND CONE TEST SHALL BE REQUIRED FOR EVERY TEN (10) NUCLEAR DENSITY TESTS PERFORMED, OR WHEN REQUESTED BY THE CITY ENGINEER OR HIS REPRESENTATIVE. THE CITY ENGINEER OR ENGINEER'S REPRESENTATIVE SHALL DETERMINE THE LOCATIONS OF THESE SAND CONE TESTS.

O. ALL MATERIALS, INCLUDING BUT NOT LIMITED TO AGGREGATE BASE COURSE, BORROW MATERIAL AND NATIVE MATERIAL, WILL BE ACCEPTED IN PLACE ONLY. TESTING REQUIRED FOR ACCEPTANCE WILL INCLUDE A SIEVE ANALYSIS AND PLASTICITY INDEX, (P.I.). DETERMINATION OF MAXIMUM THEORETICAL DENSITY WILL BE IN ACCORDANCE WITH ASTM D698. ONLY A FOUR-POINT PROCTOR TEST WILL BE ACCEPTED.

P. THE BASE COURSE SHALL NOT BE PLACED ON SUB-GRADE UNTIL THE CITY ENGINEER HAS ACCEPTED THE SUB-GRADE. ALL MATERIALS WILL BE ACCEPTED IN PLACE ONLY. COMPACTION DENSITIES: MAG TYPE I BACKFILL MATERIAL (SECTION 601.4.4) IS MODIFIED TO INCLUDE AREAS UNDER THE PAVEMENT, ROW, AND EASEMENTS FOR ALL TRENCHES INCLUDING SEWER, WATER, ELECTRIC, AND GAS, TELEPHONE, AND STORM DRAINS, MOISTURE SPEC. 2.0 PERCENT BELOW OPTIMUM MOISTURE COMPACT TO 95% OF MAXIMUM THEORETICAL DENSITY. ALL MATERIALS OUTSIDE THE MOISTURE SPEC-LIMIT SHALL BE CONSIDERED UNSUITABLE, SUBJECT TO REMOVAL AND MATERIAL SHALL BE UNIFORM.

Q. THE LOCATION OF ALL SEWER STUB-OUTS SHALL BE STAMPED ON THE TOP OF VERTICAL CURB, AND FACE OF ROLLED CURBS, WITH A FOUR (4") INCH HIGH LETTERS (IE: "S").

R. ALL CURB, GUTTER AND SIDEWALK EXPANSION JOINT FILLER WILL BE ½" BITUMINOUS PRE-MOLDED STRIPS. ALL EXPANSION JOINT SPACING SHALL NOT EXCEED A MAXIMUM OF (50') FEET OR AS DIRECTED BY THE CITY ENGINEER. CONCRETE CURING COMPOUND MATERIAL SHALL BE A WHITE PIGMENT MEMBRANE USED ON ALL CONCRETE STRUCTURES INCLUDING CURB & GUTTER, SIDEWALK, HEADWALL, CATCH BASINS AND SIDEWALK RAMPS.

S. PAVING WILL NOT COMMENCE UNTIL AGGREGATE BASE COURSE COMPACTION AND GRADATION TESTS ARE COMPLETED AND THE CITY ENGINEER ACCEPTS THE RESULTS.

T. USPS CLUSTER MAIL BOX LOCATIONS MUST BE PRE-DETERMINED AND NOTED ON THE CIVIL PLANS FOR GRADING AND PAVING. ADD CLUSTER BOXES TO THE LEGEND AND IN CONSTRUCTION NOTES. CLUSTER BOX LOCATIONS SHOULD BE SHOWN ON THE "OVERALL SEWER/WATER/HYDRANT/STREETLIGHT PLAN."

U. MEDIAN CURB & GUTTER BULL NOSE SHALL BE PAINTED YELLOW, WITH REFLECTIVE GLASS BEADS, PER M. A. G. DTL-223, AND HAVE YELLOW PAVEMENT REFLECTORS INSTALLED AFTER THE PAINTING IS COMPLETE.
- PAVING NOTES

A. ALL GRADING, EXCAVATION, PAVING, TRENCHING, PIPE BEDDING AND BACKFILL SHALL COMPLY WITH THE RECOMMENDATIONS SET FORTH IN THE SOILS (GEO-TECHNICAL) REPORT FOR THIS PROJECT AND THE REFERENCED REQUIRED SPECIFICATIONS AND DETAILS. SOILS REPORT AND PAVEMENT DESIGN WERE PREPARED: BY: N/A

B. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS AND HORIZONTAL CONTROLS OF ALL EXISTING UTILITIES AT POINT OF TIE-IN PRIOR TO COMMENCING ANY NEW CONSTRUCTION. SHOULD ANY LOCATION, ELEVATION OR CONTROL DIFFER FROM THAT SHOWN ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE OWNER'S AGENT.

C. THE CONTRACTOR SHALL GIVE 72 HOURS NOTICE TO THE CITY ENGINEER PRIOR TO ANY CONSTRUCTION ACTIVITY WITHIN THE ROW.

D. THE CITY ENGINEER MUST APPROVE ALL PLAN REVISIONS IN WRITING PRIOR TO CONSTRUCTION OF ANY CHANGES TO APPROVED PLANS.

E. UPON COMMENCEMENT OF WORK, TRAFFIC CONTROL DEVICES PER THE APPROVED TRAFFIC CONTROL PLAN (TCP) SHALL BE POSTED AND MAINTAINED BY THE CONTRACTOR UNTIL SUCH TIME AS WORK IS COMPLETED.

F. REMOVAL AND RELOCATION OF ALL MAILBOXES, FENCES, SIGNS, GATES, POSTS PIPES, ETC., WITHIN THE ROW AND CONSTRUCTION LIMITS SHALL BE DIRECTED BY THE CITY ENGINEER.

G. 25 MPH SPEED LIMIT SIGNS SHALL BE LOCATED AT ALL ENTRANCES INTO A RESIDENTIAL SUBDIVISION DEVELOPMENT. 35 MPH SIGNS FOR COLLECTORS SHALL BE LOCATED PER THE PLANS.

H. CONCRETE COLLARS, ON ALL UTILITY AND SURVEY MONUMENT FRAME ADJUSTMENTS, ARE TO BE INSTALLED FLUSH WITH THE PROPOSED OR EXISTING PAVEMENT.

I. PAINT FOR PAVEMENT MARKING AND STRIPING SHALL BE THERMAL TRAFFIC PAINT APPLIED IN A SINGLE COAT AT A RATE OF 100 TO 110 SQ. FEET PER GALLON WITH TRAFFIC BEADS INCLUDED.

J. STREET CUTS ON ASPHALT PAVEMENT: CUT EXISTING PAVEMENT AT ONE (1') FROM THE UTILITY TRENCH CUT, PER MAG DETAIL 200 TYPE (T) TOP; TACK EDGES (USING A19MM PER MAG SECTION710 ASPHALTIC CONCRETE HOT MIX). ASPHALT CONCRETE SHALL BE TESTED FOR COMPACTION TO 95%. THE CONTRACTOR, AT THEIR EXPENSE, WILL HAVE A PRIVATE LAB CORE SAMPLE AND RUN A MARSHALL FOR COMPACTION TEST FOR ACCEPTANCE ON ALL STREET CUTS. ALL REPLACEMENT PAVEMENTS SHALL MATCH EXISTING, UNLESS AUTHORIZED IN WRITING BY THE CITY ENGINEER.

K. ALL CONSTRUCTION AND TEST METHODS SHALL BE IN CONFORMANCE WITH THE CITY OF MARICOPA AND MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARDS SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION.

L. ASPHALTIC CONCRETE SHALL CONFORM TO MAG USSD SECTION 710 MIX SPECIFICATIONS.

M. ALL CONCRETE SHALL COMPLY WITH MAG SECTION 725, CLASS-A 3000-PSI COMPRESSIVE STRENGTH AT 28 DAYS, UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL SUPPLY MIX DESIGN TO THE CITY ENGINEER FOR APPROVAL PRIOR TO PLACEMENT. CONTRACTOR SHALL SUPPLY A COPY OF EACH BATCH TICKET TO THE CITY ENGINEER OR HIS REPRESENTATIVE.

SIGNING NOTES

1. THE CITY ENGINEER MAY REQUIRE THE CONTRACTOR TO ADJUST SIGNING AS NECESSARY.

2. SIGN LOCATIONS AND OFFSETS MAY REQUIRE THE CONTRACTOR TO ADJUST THEM BY THE CITY ENGINEER TO IMPROVE VISIBILITY.

3. ALL WARNING, REGULATORY AND ARTERIAL STREET NAME SIGNS MUST BE MANUFACTURED OF "ASTM D-4956-04 PROPOSED TYPE XI SHEETING" (3M DG3 4090 SERIES OR EQUIVALENT) ALL OTHER SIGNS MUST BE MANUFACTURED WITH "ASTM D-4956-04 TYPE IV SHEETING" (3M3930 SERIES OR EQUIVALENT) WHICH WILL BE ATTACHED TO THE STANDARD SIGNAGE ALUMINUM PLATES. SIGN IMAGING SHALL BE IN COMPLIANCE WITH THE REFLECTIVE SHEETING MANUFACTURES MATCHED COMPONENT SYSTEM. SIGN IMAGING SHALL CONSIST OF AN ACRYLIC BASED ELECTRONIC CUTTABLE FILM (3M 1170 SERIES OR EQUIVALENT) OR SILK SCREENED (DEPENDING ON THE QUANTITY OF SIGNAGE) WITH STANDARD HIGHWAY COLORS. IN ADDITION, IF CALLED OUT ON PLANS, TO CREATE A GRAFFITI-PROTECTIVE COATING, A PREMIUM PROTECTIVE OVERLAY FILM 3M 1160 OR EQUIVALENT SHALL BE USED WHICH IS DESIGNATED TO COMPLY WITH THE UNDERLYING REFLECTIVE SHEETING MATCH COMPONENT SYSTEM.

4. WARRANTY DOCUMENTS ARE REQUIRED AND MUST BE SUBMITTED PRIOR TO JOB ACCEPTANCE.

5. "NO PARKING" SIGNS SHALL BE R8-3A (12" X 18") MODIFIED WITH A LOWER ARROW PLAQUE. THEY SHALL BE PLACED APPROXIMATELY FIVE (5) FOOT FROM BACK-OF-CURB AND 45° TO THE CURB.

6. STOP SIGNS (R2-1) ARE TO BE 30-INCH X 30 INCH MINIMUM SIZE.

7. STREET NAME SIGNS IN SUBDIVISIONS SHALL CONFORM TO THE CITY OF MARICOPA STANDARD COLORS, FONT, AND STYLE. PRIVATE STREET NAME SIGNS MUST INCLUDE YELLOW CHEVRONS TWO (2) INCHES AT EACH END OF THE SIGN TO DESIGNATE A PRIVATE STREET.

8. ADVANCE STREET NAME SIGNS ARE TO BE INSTALLED AT A HEIGHT OF FOUR (4) FEET TO THE BOTTOM OF THE SIGN AND PLACED SO THEY ARE NOT OBSTRUCTED BY VEGETATION. SIGNS ARE TO BE INSTALLED IN MEDIANS WHENEVER POSSIBLE.

9. ALL EXISTING SIGNS TEMPORARILY REMOVED BY THE CONTRACTOR MUST BE SALVAGED FOR REINSTALLATION BY THE CONTRACTOR.

10. ALL EXISTING SIGNS PERMANENTLY REMOVED BY THE CONTRACTOR MUST BE SALVAGED AND RETURNED TO PUBLIC WORKS.

11. ALL SIGNS SHALL BE IN COMPLIANCE W/THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), ADOT SIGNING & MARKING STANDARD DRAWINGS & THE ADOT TRAFFIC ENGINEERING MANUAL OF APPROVED SIGNS.

12. THE BOTTOM OF EACH SIGN SHALL BE AT LEAST 7 FEET ABOVE THE NEAREST EDGE OF PAVEMENT & AT LEAST 7 FEET ABOVE THE GROUND UNDER THE SIGN.

13. THE CONTRACTOR SHALL INSTALL THE SIGNS SO THE NEAREST EDGE OR CORNER OF EACH SIGN IS OFFSET 2 FEET BEHIND THE BACK OF THE SIDEWALK.

14. OFFSETS FOR ALL SIGNS SHALL BE MEASURED FROM THE EDGE OF THE ROADWAY TO THE NEAREST EDGE OF THE SIGN.

15. THE ENGINEER MAY MODIFY THE SIGNING PLANS.

16. THE CONTRACTOR SHALL PRESERVE ALL ROADWAY SIGNS, SIGN SUPPORTS, OBJECT MARKERS, & MILEPOST MARKERS. THE CONTRACTOR SHALL REPLACE ANY SIGNS, SIGN SUPPORTS, & MARKERS DAMAGED AS A RESULT OF THE CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.

17. THE CONTRACTOR SHALL INVENTORY ALL SIGNS TO BE REMOVED OR COVERED & NOTE DAMAGED SIGNS TO THE ENGINEER AT THE TIME OF COVERING OR REMOVAL. ALL SIGNS DAMAGED BY COVERING OR REMOVAL SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

18. ALL NEW SIGN ASSEMBLIES (STAND ALONE) ARE TO BE INSTALLED ON 2" SQUARE TUBING PER ADOT SIGNING & MARKING STANDARDS W/POST FOUNDATIONS PER (DETAIL S-1, SHEET 2 OF 4).

19. STREET NAME SIGN LAYOUTS AND LEGENDS, INCLUDING CITY OF MARICOPA LOGO AND ADDRESSES, SHALL BE REVIEWED AND APPROVED BY THE CITY PRIOR TO FABRICATION AND INSTALLATION. DEFAULT LEGEND COLORS SHALL BE WHITE ON GREEN UNLESS REQUESTED OTHERWISE BY THE CITY. SIGNS TO BE MOUNTED TO SIGNAL POLE PER APPLICABLE REQUIREMENTS OF ADOT SIGN AND MARKING STANDARD DRAWING S-9 SHEET 1 & 2 OF 3.

ENGINEER'S NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL CONSTRUCTION STAKING FOR THE PROJECT. THE CONSTRUCTION STAKING SHALL BE PERFORMED BY A PROFESSIONAL SURVEYOR, REGISTERED WITH THE STATE OF ARIZONA.

2. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CONTRACT DRAWINGS, SPECIAL PROVISIONS, MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) STANDARD DETAILS AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION) AND THE ARIZONA DEPARTMENT OF TRANSPORTATION (ADOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

AS BUILT DATE	<div><div>PRELIMINARY SUBMITTAL</div><div>90%</div><div>NOT FOR CONSTRUCTION OR RECORDING</div></div>
<div><div>DIBBLE</div><div></div></div>	
DIBBLE PROJECT NO 1015051.10	

STORM SEWER NOTES

1. CUT-OFF WALLS WITH A MINIMUM DIMENSION OF 18 INCHES IN HEIGHT SHALL BE USED AT ALL SCUPPERS, TERMINATIONS OF RIPRAP, CONCRETE STORM DRAINAGE CULVERTS AND CONCRETE SPILLWAYS BEHIND SCUPPERS 6' MINIMUM.

2. SAFETY RAILINGS SHALL BE PLACED ON ALL SCUPPERS ABOVE SPILLWAYS. PER MAG STD. DTL. 145.

3. TRASH RACKS ARE REQUIRED AT ALL INLETS AND OUTLETS OF STORM DRAIN HEAD WALLS FOR ALL PIPES 12" (INCHES) IN DIAMETER AND LARGER.

4. REINFORCED CONCRETE PIPE (RCP) SHALL BE PLACED PER MANUFACTURER'S SPECIFICATIONS AND IN ACCORDANCE WITH MAG STD. SPEC. 601, 716, AND 735.

5. ALL RIPRAP WITHIN CITY ROW SHALL BE GROUTED. ALL RIPRAP ON PRIVATE PROPERTY SHALL BE GROUTED AT THE DISCRETION OF THE CITY ENGINEER.

6. "U-TYPE" HEADWALLS WITH WING WALLS PER MAG STD. DTL. 501-3 OR 501-4 ARE REQUIRED FOR ALL EXPOSED STORM PIPE.

7. MANHOLE CONCRETE COLLAR SHALL BE ONE (1) FOOT DEEP AND ONE (1) FOOT WIDE OUTSIDE OF RIM CASTING. CLASS AA PER MAG SPECIFICATION 725 AND 505. CONCRETE COLLAR SHALL BE USED IN UNPAVED AS WELL AS PAVED AREAS. REINFORCED COLLARD WITH #4 STEEL REBAR HOOP CENTERED HORIZONTALLY AND VERTICALLY.

8. RETENTION BASINS SHOULD BE CONSTRUCTED WITH A TWO (2) FOOT BENCH AT TOP OF SIDE SLOPES.

9. ALL CMP AND RCP PIPE JOINTS SHALL BE JOINED WITH AN "O" RING OR GASKET TYPE WATERTIGHT SEAL.


10. ANY STORM DRAINS CROSSING UNDER PAVED CITY STREETS REQUIRE ABC BEDDING FOUR (4) INCHES BELOW THE PIPE AND ONE (1) FOOT ABOVE THE TOP OF THE PIPE. THE BEDDING IS TO BE PER MAG STD. SPEC. 702; MODIFIED COMPACTION TO 95% TYPICAL.
11. ALL STORM PIPES WITHIN CITY ROW SHALL BE RGROP.

12. REINFORCED CONCRETE BOX CULVERTS SHALL BE CONSTRUCTED PER ADOT STANDARDS AND SPECIFICATIONS, TYPICAL.

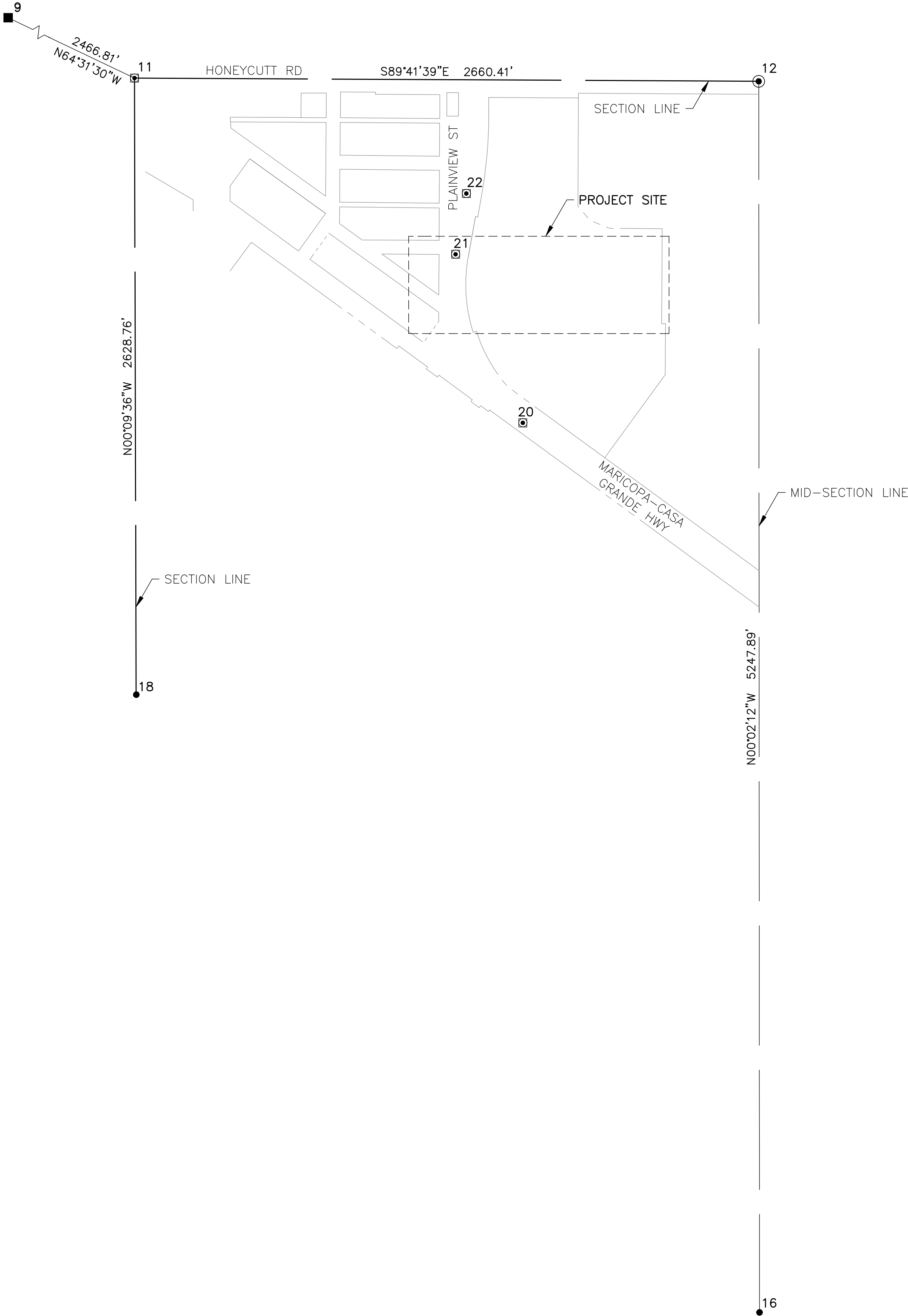
13. CONSTRUCTION OF MANHOLE FOUNDATIONS FOR ALL STORM DRAIN BASES SHALL BE PER MAG STD SPEC 505 AND 725.

14. STORM PLAN AS-BUILTS: AS-BUILT STORM DRAIN PLANS PREPARED BY THE DESIGN ENGINEER SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING: TOP OF CURB (TOC) ELEVATIONS AT OF EACH END OF SCUPPER; GUTTER ELEVATIONS AT CENTER OR FLOW-LINE OF EACH SCUPPER; INLET AND OUTLET INVERTS; HEADWALL TOP ELEVATIONS AND INVERTS; VALLEY GUTTER FLOW LINE ELEVATIONS; STORM MANHOLE RIM AND INVERT ELEVATIONS; DRYWELL RIM ELEVATIONS; PIPE DIMENSIONS AND LENGTHS, AND ANY AND ALL DEVIATIONS FROM APPROVED DRAWINGS.



△	REVISION			BY	DATE
<div><div><p>CITY OF MARICOPA PROUD HISTORY • PROSPEROUS FUTURE</p></div></div>					
PROJECT NO TBD					
HERITAGE DISTRICT ACCESS ROAD					
GENERAL NOTES					
DRN: MGL		DES: AWE		CK: PB	
DATE: 07/22		DATE: 07/22		DATE: 07/22	
SCALE: N/A				G3	3 OF 10

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SURVEYOR'S NOTES

- COORDINATES WERE VERIFIED IN THE FIELD USING REAL TIME KINEMATIC GPS OBSERVATIONS RELATIVE TO PUBLISHED CONTROL POINTS.
- SURVEYED DURING THE MONTH OF OCTOBER 2021.
- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROLS IN THE FIELD PRIOR TO CONSTRUCTION.
- PROJECT METADATA:
UNITS:
COORDINATES, DISTANCES AND ELEVATIONS ARE SHOWN IN INTERNATIONAL FEET.

HORIZONTAL DATUM (BASIS OF BEARINGS):
NAD83 (2011 Epoch) ARIZONA CENTRAL ZONE

HORIZONTAL ADJUSTMENT:
COMBINED SCALE FACTOR (CSF): 1.00015
GRID NORTHING (CSF) = GROUND NORTHING
GRID EASTING (CSF) = GROUND EASTING

VERTICAL DATUM:
NAVD '88

- PROJECT BENCHMARK:
POINT NUMBER 9
FOUND US COAST & GEODETIC SURVEY BENCHMARK Z284
GROUND NORTHING = 749819.468
GROUND EASTING = 657624.269
PUBLISHED ELEVATION = 1166.52
- THE COORDINATES PRESENTED ARE SHOWN TO THREE DECIMAL PLACES FOR CALCULATION PURPOSES AND ARE NOT REPRESENTATIVE OF THE PRECISION OF THE SURVEY MEASUREMENTS.
 - THIS IS NOT A PROPERTY BOUNDARY SURVEY.

POINT DATA TABLE				
POINT NO	NORTHING	EASTING	ELEVATION	DESCRIPTION
9	749819.468	657624.269	1166.52	BM-NGS Z284 1166.52
11	748758.454	659851.243	1172.76	FND-ACHH ADOT
12	748744.249	662511.618	1172.72	FND-ACF 19817
16	743496.365	662514.972	1181.71	FND-RB
18	746129.708	659858.581	1174.46	FND-IP
20	747288.369	661507.180	1178.07	FND-BCHH
21	748005.976	661219.555	1174.09	FND-BCHH
22	748267.088	661266.275	1174.23	FND-BCHH

LEGEND	
	FOUND IRON PIPE OR REBAR
	FOUND MONUMENT FLUSH
	FOUND MONUMENT IN HANDHOLE
	PROJECT BENCHMARK
	SECTION LINE
	MID-SECTION LINE
	RIGHT-OF-WAY
	FOUND NATIONAL GEODETIC SURVEY MONUMENT
	FOUND BRASS CAP IN HANDHOLE
	FOUND ALUMINUM CAP IN HANDHOLE
	FOUND ALUMINUM CAP FLUSH
	FOUND REBAR
	FOUND IRON PIPE

AS BUILT DATE

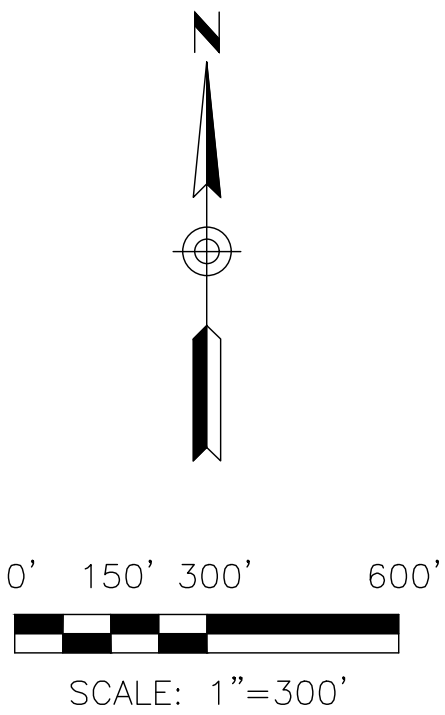
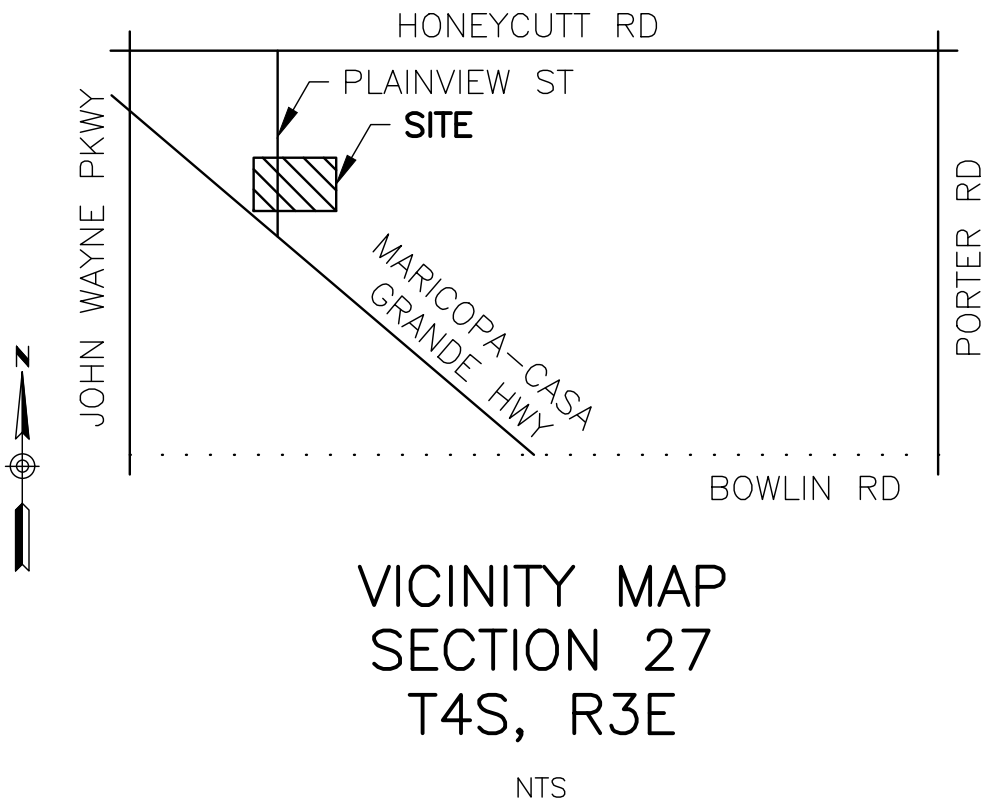
DIBBLE

DIBBLE PROJECT NO 1015051.10

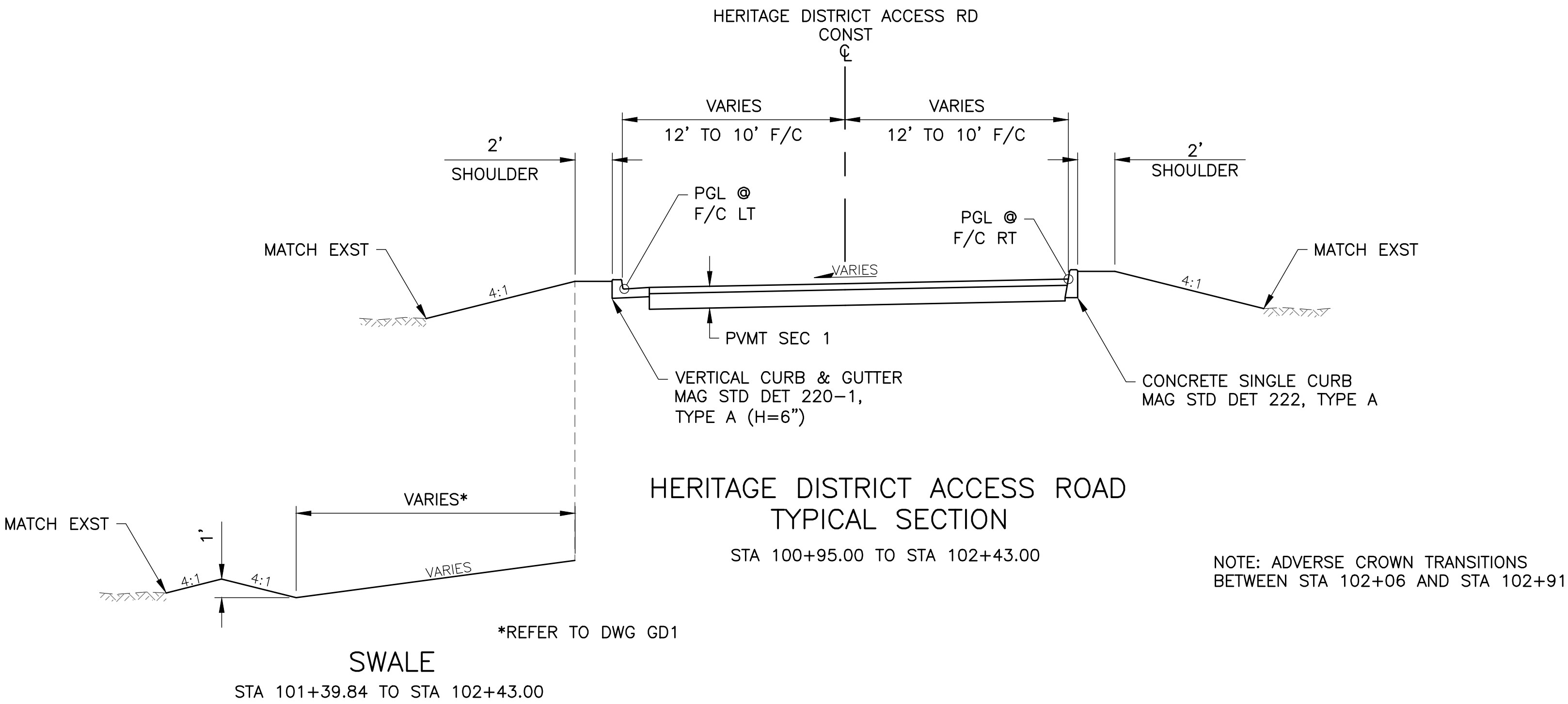
PRELIMINARY SUBMITTAL

90%

NOT FOR CONSTRUCTION OR RECORDING



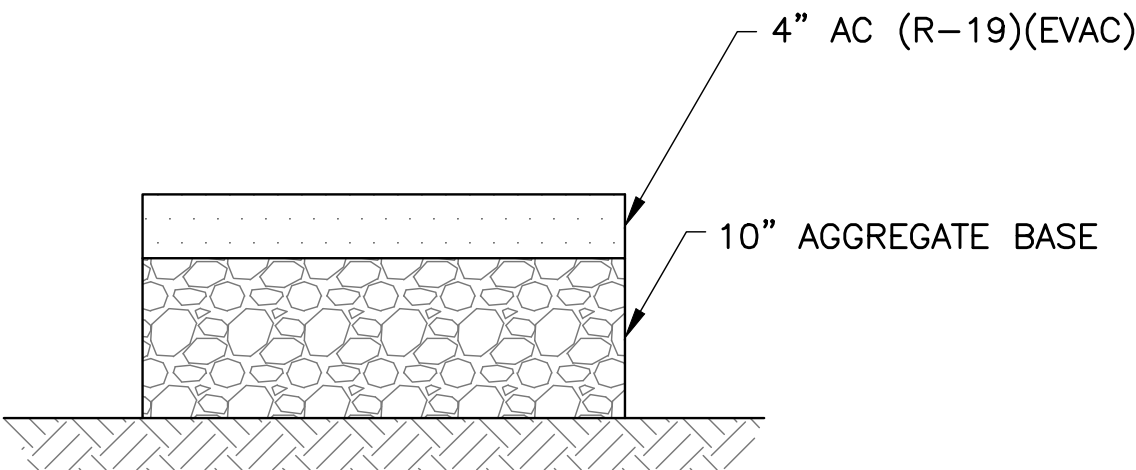
REVISION	BY	DATE		
 CITY OF MARICOPA PROUD HISTORY • PROSPEROUS FUTURE				
PROJECT NO TBD				
HERITAGE DISTRICT ACCESS ROAD				
SURVEY CONTROL				
DRN: DBB	DES:	CK: JPG	DRAWING	SHEET
DATE: 07/22	DATE:	DATE: 07/22		
SCALE: 1" = 300'			G4	4 OF 10



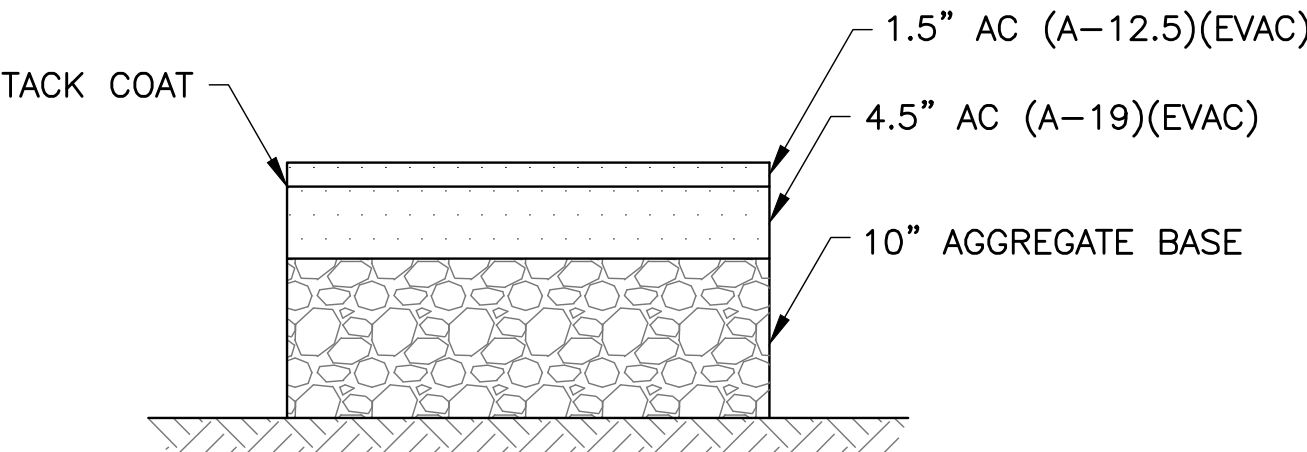
EARTHWORK QUANTITIES

CUT = 66 CY
FILL = 256 CY
NET = 190 CY (BORROW)

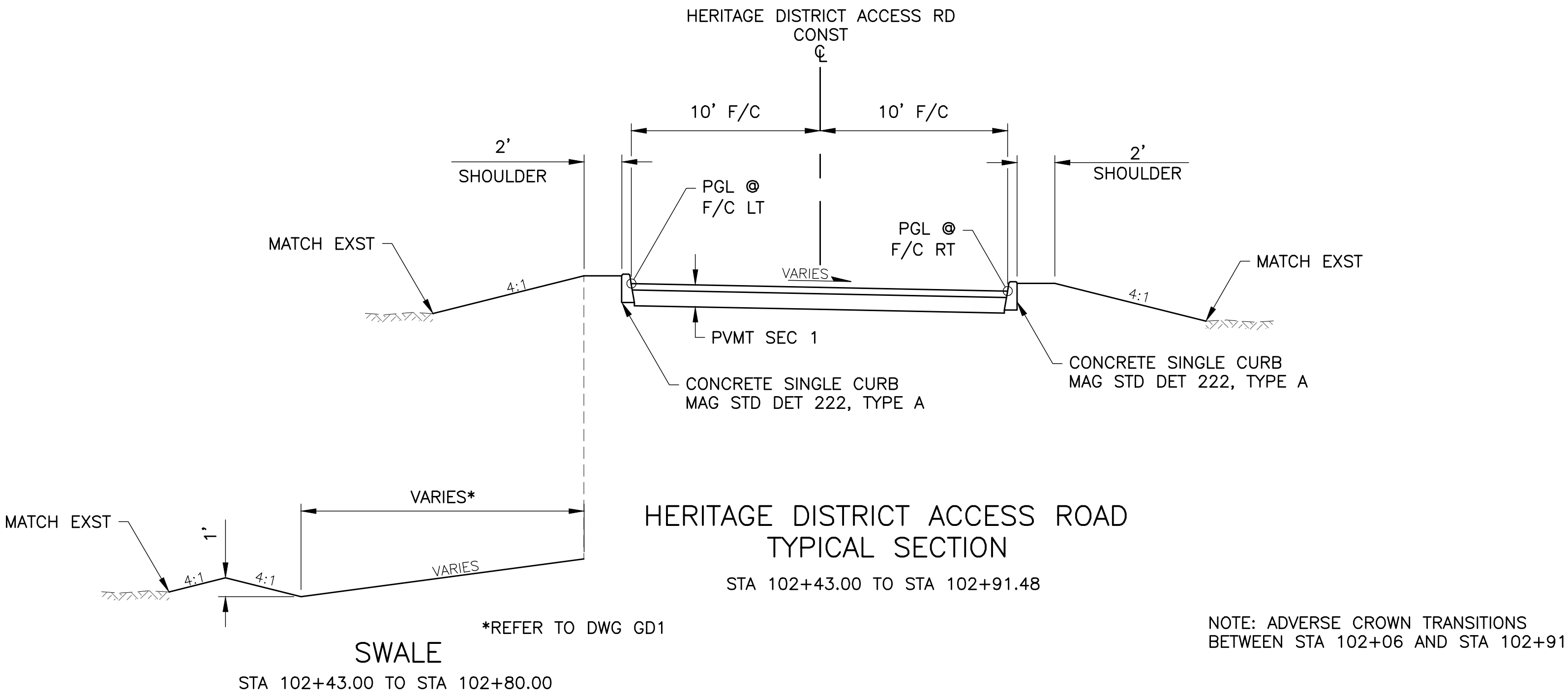
- NOTE:
- EARTHWORK QUANTITIES ARE RAW ESTIMATED VOLUMES USING NO SHRINKAGE, COMPACTION OR BULKING FACTORS AND SHALL BE FOR ESTIMATING PURPOSES ONLY.
 - PAYMENT FOR MATERIAL REQUIRED FOR FILL CONSTRUCTION (BORROW) SHALL BE PAID UNDER BID ITEM 2030900 BORROW (EMBANKMENT)



PAVEMENT SECTION 1
TOTAL DEPTH = 14"
(HERITAGE DISTRICT ACCESS ROAD & PARKING LOT)



PAVEMENT SECTION 2
TOTAL DEPTH = 16"
(PLAINVIEW STREET)

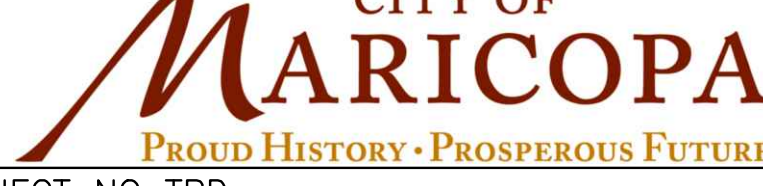


Δ	REVISION	BY	DATE	
CITY OF MARICOPA PROUD HISTORY • PROSPEROUS FUTURE				
PROJECT NO TBD				
HERITAGE DISTRICT ACCESS ROAD				
TYPICAL SECTIONS				
DRN: MGL	DES: AWE	CK: PB	DRAWING	SHEET
DATE: 07/22	DATE: 07/22	DATE: 07/22		
SCALE: N/A			G5	5 OF 10

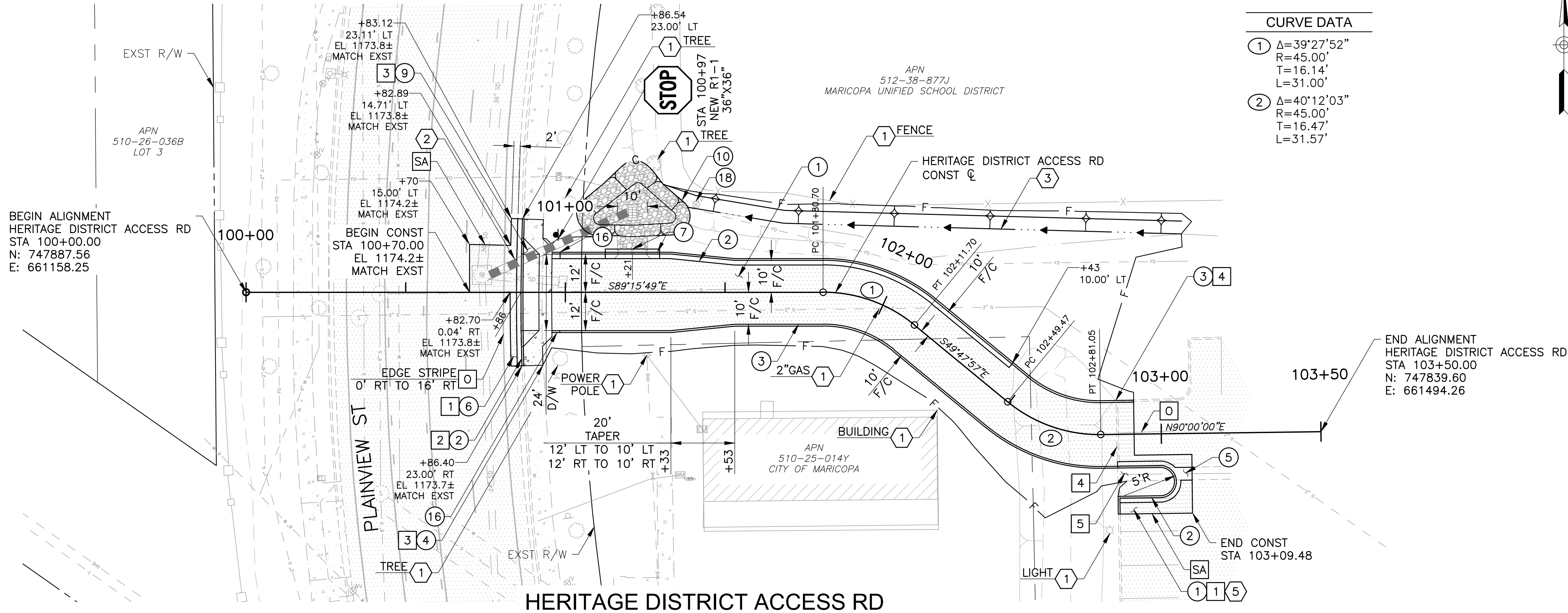


1. SEE MAG STD DETAILS 206-1, 206-2 & 206-3 FOR INFORMATION NOT SHOWN



△	REVISION			BY	DATE
<div></div>					
PROJECT NO TBD					
HERITAGE DISTRICT ACCESS ROAD					
DETAILS					
DRN: MGL	DES: AWE	CK: PB	DRAWING	SHEET	
DATE: 07/22	DATE: 07/22	DATE: 07/22			
SCALE: N/A			G6	6 OF 10	

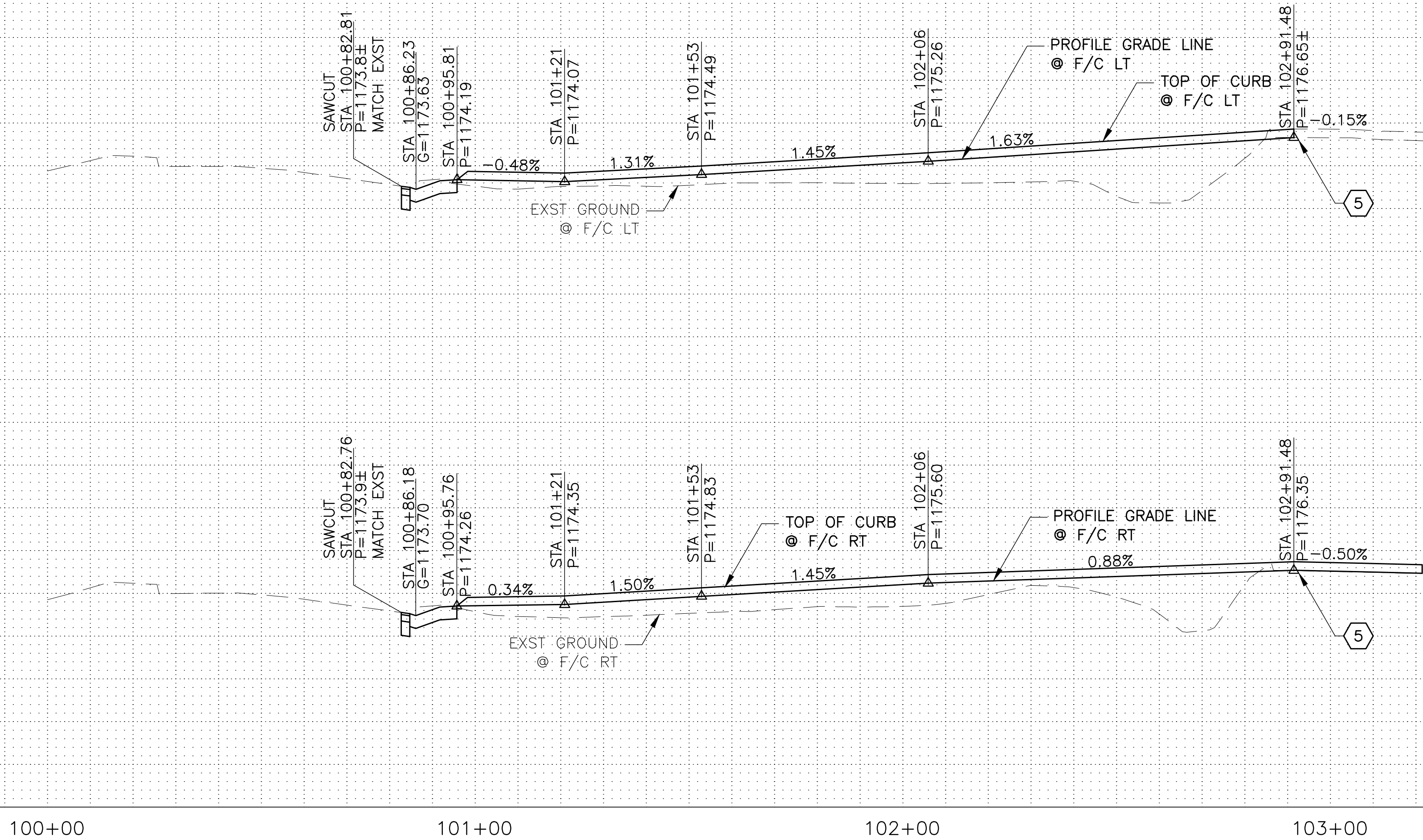
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CURVE DATA	
①	$\Delta=39^{\circ}27'52''$ $R=45.00'$ $T=16.14'$ $L=31.00'$
②	$\Delta=40^{\circ}12'03''$ $R=45.00'$ $T=16.47'$ $L=31.57'$

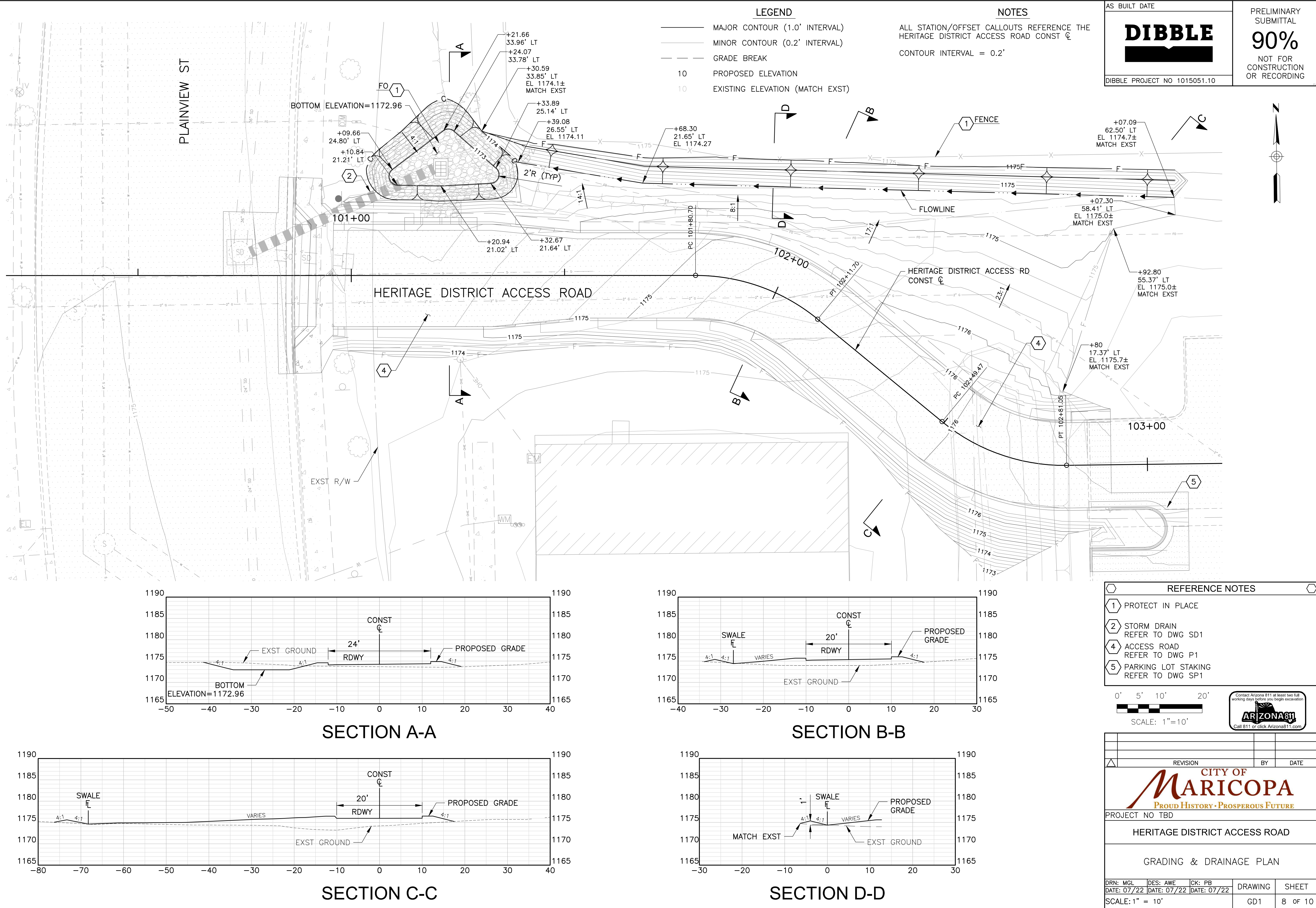
END ALIGNMENT
HERITAGE DISTRICT ACCESS RD
STA 103+50.00
N: 747839.60
E: 661494.26

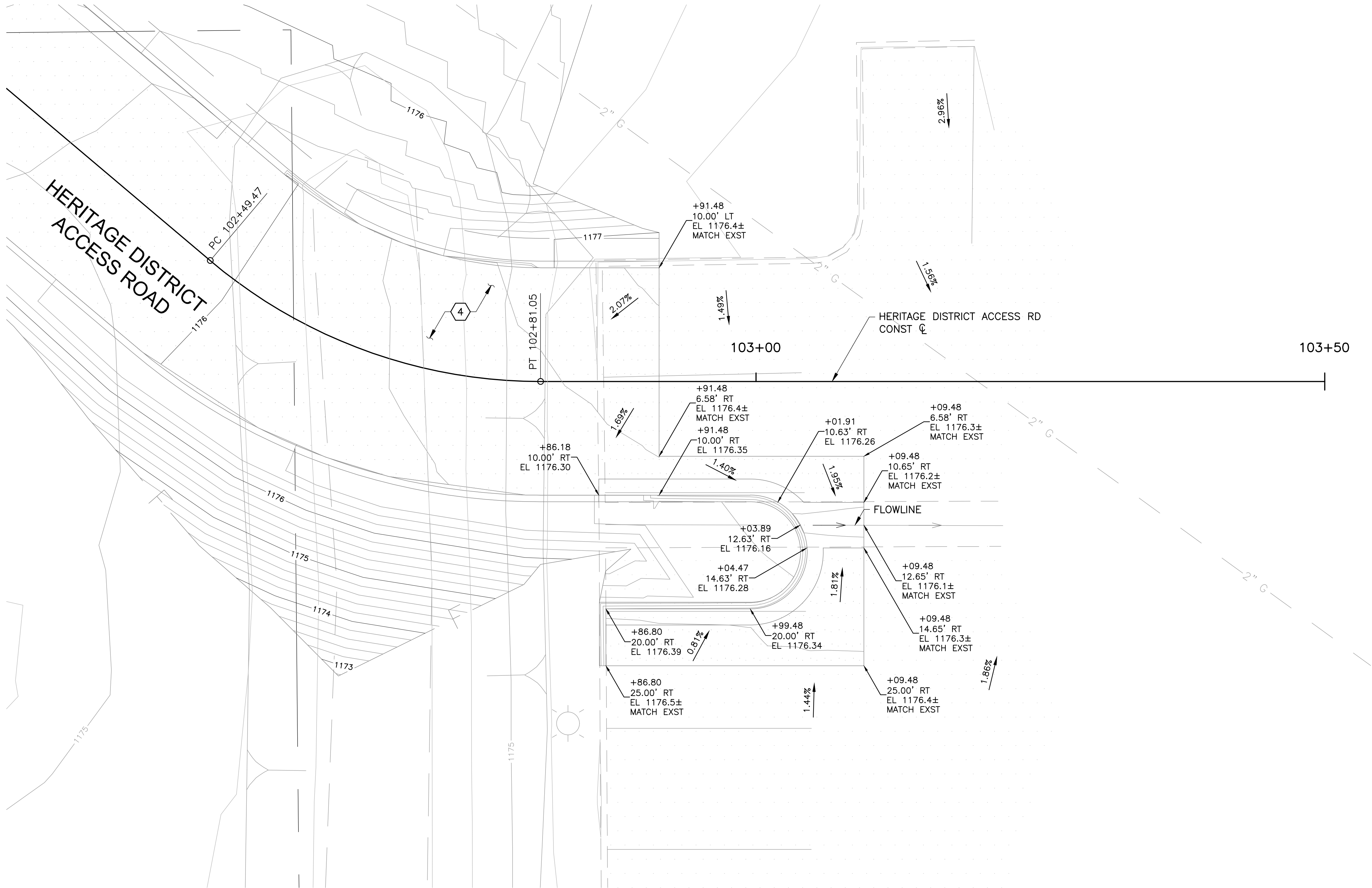
HERITAGE DISTRICT ACCESS RD



AS BUILT DATE		PRELIMINARY SUBMITTAL	
<div>DIBBLE</div>		90%	
DIBBLE PROJECT NO 1015051.10		NOT FOR CONSTRUCTION OR RECORDING	
REMOVAL NOTES			
SA	SAWCUT ASPHALT CONC PVMT	152	LF
0	OBLITERATE STRIPING	29	LF
1	REMOVE AC PAVEMENT	77	SY
2	REMOVE CONC CURB & GUTTER	46	LF
3	REMOVE CONC SIDEWALK	277	SF
4	REMOVE CONC SINGLE CURB	37	LF
5	REMOVE CONC VALLEY GUTTER	91	SF
CONSTRUCTION NOTES			
1	PVMT SEC 1 DWG G5	449	SY
2	CONC VERTICAL CURB & GUTTER MAG STD DET 220-1, TYPE A	241	LF
3	CONC SINGLE CURB MAG STD DET 222, TYPE A	236	LF
4	CONC SIDEWALK MAG STD DET 230	72	SF
5	CONC VALLEY GUTTER MAG STD DET 240 (MOD-3' WIDTH)	17	SF
6	PVMT SEC 2 DWG G5	31	SY
7	CONC SCUPPER W/1' CAP DWG G6, DET 1 GROUTED RIPRAP SPILLWAY W/FILTER FABRIC D50=6", DEPTH=12" DWG G6, DET 2	1	EA
9	DRIVEWAY W/ ATTACHED SIDEWALK, X=9" MAG STD DET 250-2	295	SF
10	GROUTED RIPRAP W/FILTER FABRIC D50=6", DEPTH=12"	63	SY
16	CONC CURB TERMINATION MAG STD DET 222	2	EA*
18	ADJUST VALVE BOX TO GRADE	1	EA
* INCLUDED IN THE LINEAR FOOT QUANTITY OF THE ADJACENT CURB			
REFERENCE NOTES			
1	PROTECT IN PLACE		
2	STORM DRAIN REFER TO DWG SD1		
3	SWALE REFER TO DWG GD1		
5	PARKING LOT STAKING REFER TO DWG SP1		
0' 10' 20' 40'		<div>Contact Arizona 811 at least two full working days before you begin excavation</div> <div>ARIZONA811</div> <div>Call 811 or click Arizona811.com</div>	
SCALE: 1"=20'			
REVISION		BY	DATE
<div>CITY OF MARICOPA</div> <div>PROUD HISTORY • PROSPEROUS FUTURE</div>			
PROJECT NO TBD			
HERITAGE DISTRICT ACCESS ROAD			
ROADWAY PLAN & PROFILE			
DRN: MGL	DES: AWE	CK: PB	DRAWING
DATE: 07/22	DATE: 07/22	DATE: 07/22	SHEET
SCALE: 1" = 20'		P1	7 OF 10

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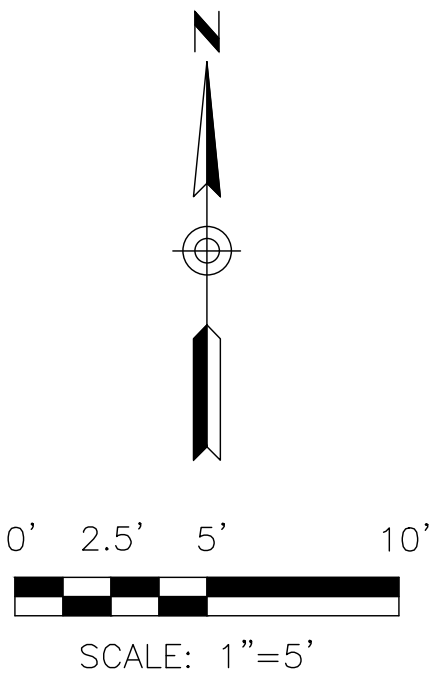
REFERENCE NOTES	
4	ACCESS ROAD REFER TO DWG P1

- LEGEND**
- MAJOR CONTOUR (1.0' INTERVAL)
 - MINOR CONTOUR (0.2' INTERVAL)
 - GRADE BREAK
 - 10 PROPOSED ELEVATION
 - 10 EXISTING ELEVATION (MATCH EXST)

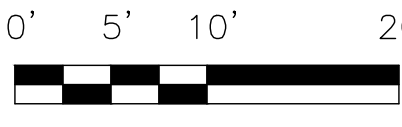

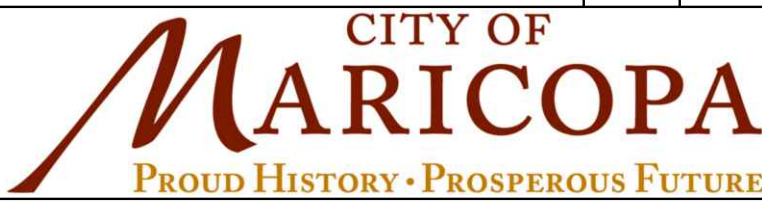
NOTES

ALL STATION/OFFSET CALLOUTS REFERENCE THE HERITAGE DISTRICT ACCESS ROAD CONST CL

CONTOUR INTERVAL = 0.2'



Δ	REVISION	BY	DATE	
CITY OF MARICOPA PROUD HISTORY • PROSPEROUS FUTURE				
PROJECT NO TBD				
HERITAGE DISTRICT ACCESS ROAD				
STAKING PLAN				
DRN: MGL	DES: AWE	CK: PB	DRAWING	SHEET
DATE: 07/22	DATE: 07/22	DATE: 07/22		
SCALE: 1" = 5'			SP1	9 OF 10

AS BUILT DATE		PRELIMINARY SUBMITTAL <div style="font-size: 2em; font-weight: bold;">90%</div> NOT FOR CONSTRUCTION OR RECORDING	
<div style="font-size: 3em; font-weight: bold; letter-spacing: 0.5em;">DIBBLE</div> <div style="width: 100px; height: 30px; background-color: black; margin: 5px auto;"></div>			
DIBBLE PROJECT NO 1015051.10			
REMOVAL NOTES			
10	REMOVE CATCH BASIN		1 EA
11	REMOVE PIPE		24 LF
CONSTRUCTION NOTES			
11	CATCH BASIN, TYPE 'F' MAG STD DET 535		1 EA
12	30" RCP		51 LF
13	CORE INTO EXST MANHOLE MAG STD DET 420-2 & 520		1 EA
17	MANHOLE FRAME & COVER ADJUSTMENT MAG STD DET 422-1		1 EA
REFERENCE NOTES			
1	PROTECT IN PLACE		
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>SCALE: 1" = 10'</p> </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <small>Contact Arizona 811 at least two full working days before you begin excavation</small>  <small>Call 811 or click Arizona811.com</small> </div> </div>			
△	REVISION	BY	DATE
			
PROJECT NO TBD			
HERITAGE DISTRICT ACCESS ROAD			
STORM DRAIN PLAN			
DRN: MGL	DES: AWE	CK: PB	
DATE: 07/22	DATE: 07/22	DATE: 07/22	
SCALE: 1" = 10'		DRAWING	
SCALE: 1" = 2'		SD1	
		SHEET	
		10 OF 11	