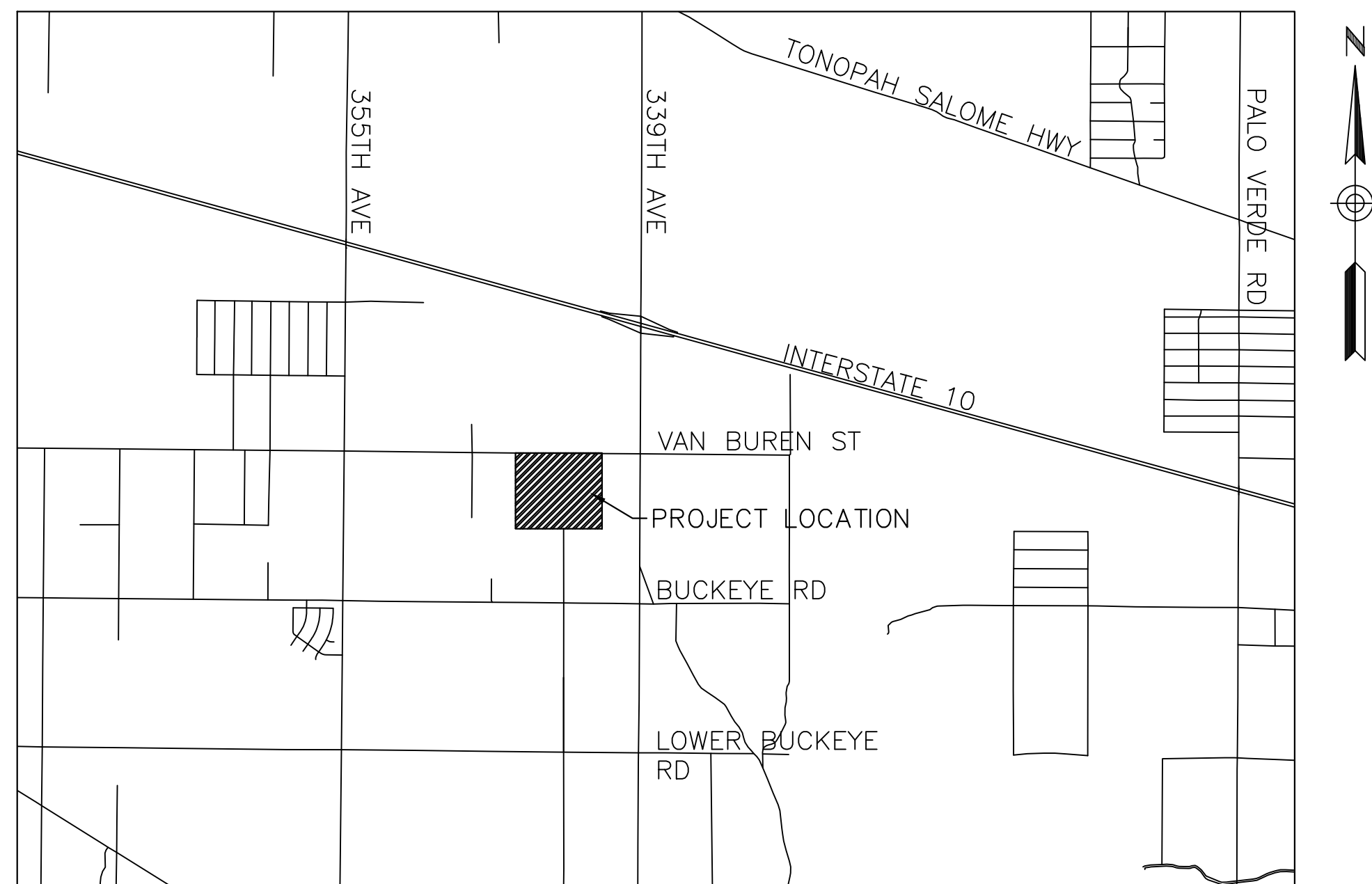


MARICOPA COUNTY, AZ
IMPROVEMENT PLANS
FOR
10 WEST LOGISTICS
DRAINAGE IMPROVEMENTS

F.H.W.A. REGION	STATE	PROJECT NO.	NO.	TOTAL	AS-BUILT
9	ARIZ		01		
		7740 N. 16TH STREET SUITE 300, PHOENIX, AZ 85020		PHONE: 602-944-5500 FAX: 602-944-7423 www.kimley-horn.com	



VICINITY MAP
TOWNSHIP 1N, RANGE 5W



PREPARED BY:

Kimley»»Horn

APPROVALS

TOWN ENGINEER

DATE _____

RECORD DRAWING CERTIFICATION

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

SIGNATURE

DATE _____

ENGINEER

CONTACT:
GEOFFREY BROWNELL, PE, CFM
KIMLEY-HORN & ASSOCIATES, INC.
7740 N 16TH STREET, SUITE 300
PHOENIX, AZ 85020
PH: 602-906-1183
EMAIL: GEOFFREY.BROWNELL@KIMLEY-HORN.COM

SHEET INDEX

1	COVER SHEET
2	GENERAL NOTES
3-10	DRAINAGE IMPROVEMENTS

BASIS OF BEARINGS:
BEARINGS SHOWN HEREON ARE BASED ON GRID NORTH NAD83 ARIZONA,
CENTRAL ZONE, DETERMINED BY GPS OBSERVATIONS COLLECTED DURING
THIS SURVEY.

BASIS OF ELEVATIONS (BENCHMARK):
AN ELEVATION OF 1,319.05 WAS HELD ON A FOUND MARICOPA COUNTY
BRASS CAP IN POT HOLE LOCATED AT THE NORTHWEST CORNER SECTION 8
TOWNSHIP 1 NORTH, RANGE 5 WEST GILA & SALT RIVER BASE & MERIDIAN.
ELEVATIONS SHOWN ARE IN NAVD 88

BASIS OF BEARING:
R: R89°42'12"E
M: N89°42'06"W

PRELIMINARY

60%

NOT FOR
CONSTRUCTION
OR RECORDING



COUNTY COUNCIL

JACK SELLERS
THOMAS GALVIN
BILL GATES
CLINT HICKMAN
STEVE GALLARDO

MARICOPA COUNTY, ARIZONA
DRAINAGE IMPROVEMENTS10 WEST LOGISTICS
CHANNEL PLANS

DR: ER	DES: ER	CK: ATC	NO.	TOTAL
DATE: 05/24	DATE: 05/24	DATE: 05/24		
SCALE:			01	10

REVISION BY MARICOPA COUNTY		REV BY		CHK BY		DATE	
DESCRIPTION							
NO.							
REVISION BY MARICOPA COUNTY		REV BY		CHK BY		DATE	
DESCRIPTION							
NO.							

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH CONTRACT SPECIFICATIONS; PLANS; MAG STANDARD SPECIFICATIONS AND DETAILS; IN THAT ORDER OF PRECEDENCE, AT THE TIME OF CONSTRUCTION BID.
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE MARICOPA ASSOCIATION OF GOVERNMENTS’ (MAG) UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION.
- THE PLANS FOR THIS PROJECT HAVE BEEN REVIEWED FOR COMPLIANCE WITH TOWN REQUIREMENTS PRIOR TO ISSUANCE OF PERMITS. AN APPROVED SET OF PLANS AS WELL AS ALL PERMITS ISSUED MUST BE AVAILABLE ON THE JOB SITE AT ALL TIMES. DEVIATIONS FROM THE PLAN MUST BE PRECEDED BY AN APPROVED PLAN REVISION. THE DESIGN IS APPROVED BY THE TOWN IN SCOPE BUT NOT IN DETAIL. APPROVAL OF THESE PLANS IS FOR PERMIT PURPOSES ONLY, HOWEVER, SUCH REVIEW SHALL NOT PREVENT THE TOWN FROM REQUIRING CORRECTION OF ERRORS OR OMISSIONS IN PLANS FOUND TO BE IN VIOLATION OF ANY LAW OR ORDINANCE. CONSTRUCTION QUANTITIES ON THESE PLANS ARE NOT VERIFIED BY THE TOWN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERMITS NECESSARY FOR SALVAGE OR DISPOSAL OF PROTECTED NATIVE PLANTS, AS SHOWN ON THE LANDSCAPE PLANS. TREES AND SHRUBBERY IN THE RIGHT-OF-WAY THAT CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED AS INDICATED ON THE LANDSCAPE PLANS.
- PER THE MARICOPA COUNTY AIR POLLUTION CONTROL RULES AND REGULATIONS ON EARTH MOVING EQUIPMENT PERMITS, NO PERSON SHALL CAUSE OR PERMIT THE USE OF ANY POWER OF MECHANICAL EQUIPMENT FOR COMMERCIAL PURPOSES TO CLEAR, EXCAVATE OR LEVEL LAND, INCLUDING BUT NOT LIMITED TO DEMOLITION, ROAD AND STREET CONSTRUCTION, TRENCHING, VEGETATION REMOVAL, OR ENGAGE IN ANY OTHER EARTH MOVING ACTIVITIES WITHOUT FIRST OBTAINING A PERMIT FROM THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT. THE CONTRACTOR WILL BE RESPONSIBLE FOR ACQUIRING THE PERMIT.
- CONTRACTOR SHALL OBTAIN ANY AND ALL PERMITS AS REQUIRED BY MARICOPA COUNTY, AT THE CONTRACTOR’S EXPENSE.
- THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS, INCLUDING NOTICE OF INTENT (NOI), NOTICE OF TERMINATION, AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP). A COPY OF THE NOI AND SWPPP SHALL BE AVAILABLE ON THE JOB SITE AT ALL TIMES.
- CONTRACTOR MUST PROVIDE TO THE COUNTY THE LOCATION FOR WASTE MATERIAL AND A LETTER FROM OWNER GIVING PERMISSION FOR DUMPING PRIOR TO STARTING CONSTRUCTION.
- THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN (TCP) PER THE PHOENIX TRAFFIC BARRICADE MANUAL. BARRICADES MUST BE CONTINUALLY MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
 - IF ANY PART OF THE TCP FALLS WITHIN 300’ OF A SIGNALIZED INTERSECTION, AN OFF-DUTY OFFICER WILL BE REQUIRED FOR TRAFFIC CONTROL.
 - A TCP SHALL BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT AND ACCEPTED A MINIMUM OF THREE WORKING DAYS; 72-HOURS PRIOR TO CONSTRUCTION. AN ACCEPTED TCP WILL BE STAMPED AND A COPY RETURNED TO THE CONTRACTOR. A COPY OF THE ACCEPTED PLAN MUST REMAIN ON THE JOB SITE AT ALL TIMES.
- CONTRACTOR SHALL OBTAIN A NO COST RIGHT-OF-WAY PERMIT FROM THE COUNTY.

PAVING GENERAL NOTES

- CONTRACTOR TO FOLLOW RECOMMENDATIONS LISTED IN THE PROJECT SPECIFIC GEOTECHNICAL REPORT. SHOULD ANY CONFLICTS ARISE BETWEEN THE SOILS INVESTIGATION REPORT AND THESE GRADING PLANS, THE CIVIL ENGINEER SHALL BE CONTACTED FOR CLARIFICATION.
- THE ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING EARTHWORK QUANTITIES OR THAT THE EARTHWORK FOR THIS PROJECT WILL BALANCE DUE TO VARIOUS FIELD CONDITIONS.
- THE ENGINEER WILL PERFORM FIELD SURVEYS FOR PAD ELEVATION CERTIFICATIONS, UPON NOTIFICATION BY THE GRADING CONTRACTOR, THAT THE PADS ARE COMPLETE AND READY FOR CERTIFICATION. IT IS UNDERSTOOD THAT THE CERTIFICATION PROVIDES ONLY A REPRESENTATIVE ELEVATION OF THE AVERAGE GRADE OF EACH LOT, BUILDINGS, OR UNIT PAD, AND SHALL NOT BE CONSTRUED TO INCLUDE YARD AND STREET SUBGRADE CERTIFICATION OR CERTIFICATION THAT THE ENTIRE PAD IS LEVEL, THAT IT WAS CONSTRUCTED IN THE DESIGNED LOCATION OR WAS GRADED TO THE CROSS-SECTION SET FORTH ON THE PLANS OR AS DESIGNATED IN THE SOILS REPORT.
- AN APPROVED GRADING AND DRAINAGE PLAN MUST BE ON THE JOB SITE AT ALL TIMES. DEVIATIONS FROM THIS PLAN MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
- ALL DRAINAGE FACILITIES SUCH AS SWALES, INTERCEPTOR DITCHES, PIPES, PROTECTIVE BERMS, BARRIER WALLS, CONCRETE CHANNELS, OR OTHER MEASURES DESIGNED TO PROTECT BUILDINGS FROM STORM RUNOFF MUST BE CONSTRUCTED PRIOR TO CONSTRUCTION OF ANY BUILDINGS.
- A GRADING PERMIT IS REQUIRED. BEFORE A GRADING PERMIT IS ISSUED BY MARICOPA COUNTY ENGINEERING SERVICES, THE CONTRACTOR MUST FIRST OBTAIN A DUST CONTROL PERMIT FROM MARICOPA COUNTY ENVIRONMENTAL SERVICES – AIR QUALITY DIVISION.
- HAUL PERMITS, WHEN REQUIRED, MUST BE OBTAINED PRIOR TO OR CONCURRENTLY WITH THE GRADING AND DRAINAGE PERMIT.
- A SEPARATE PERMIT IS NECESSARY FOR ANY OFFSITE CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE LEVEL BOTTOM IN ALL RETENTION BASINS AT ELEVATIONS AS SHOWN ON THE PLANS. SIDE SLOPES IN ALL RETENTION BASINS SHALL NOT EXCEED 4:1 UNLESS NOTED OTHERWISE ON THE PLANS.
- SOIL COMPACTION TEST RESULTS MUST BE SUBMITTED TO MARICOPA COUNTY ENGINEERING SERVICES FOR BUILDING PADS THAT HAVE ONE (1) FOOT OR MORE OF FILL MATERIAL INDICATED.
- APPROVAL OF THESE PLANS SHALL NOT PREVENT THE COUNTY FROM REQUIRING THE CORRECTION OF ERRORS IN THE PLANS WHERE SUCH ERRORS ARE SUBSEQUENTLY FOUND TO BE IN VIOLATION OF ANY LAW OR ORDINANCE.
- ALL CONSTRUCTION SITES WITH DISTURBED AREAS OF ONE (1) ACRE OR GREATER SHALL HAVE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ALL ASSOCIATED DOCUMENTS (SEE ENGINEERING AND PERMITTING APPLICATION PACKET).

ABC	AGGREGATE BASE COURSE
AP	ANGLE POINT
ARV	AIR RELEASE VALVE
AVE	AVENUE
BCFL	BRASS CAP FLUSH
BCHH	BRASS CAP HAND HOLE
B/C	BACK OF CURB
BP	BEGINNING POINT
BRG	BEARING
BVC	BEGIN VERTICAL CURVE
C	CUT
C&G	CURB AND GUTTER
CATV	CABLE TV
CL OR ☿	CENTERLINE
COMM	COMMUNICATIONS
CST	CONSTRUCTION
CT	COURT
CTL	CENTURYLINK
CV	CONTROL VALVE
Δ	DELTA
D	DEGREE OF CURVATURE
DBTR	DOUBLETREE
DE	DRAINAGE EASEMENT
DR	DRIVE
E	EAST OR EASTING
EL OR ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EP	ENDING POINT
ELEC	ELECTRIC
EQ	EQUIPMENT
ESMT	EASEMENT
EVC	END VERTICAL CURVE
FL	FLOWLINE

ABBREVIATIONS

EX	or	EXST	EXISTING
		F	FILL
		F/C	FACE OF CURB
		FM	FORCE MAIN
		FND	FOUND
		FO	FIBER OPTIC
		G	GUTTER ELEVATION
		GFL	GUTTER FLOW LINE
		GB	GRADE BREAK
		GV	GAS VALVE
		H	HEIGHT
		HP	HIGH POINT
		IRR	IRRIGATION
		LN	LANE
		LP	LOW POINT
		L	LIP OF CURB
LSCP			LANDSCAPE
LT			LEFT
N			NORTHING OR NORTH
NO			NUMBER
NOI			NOTICE OF INTENT
NOT			NOTICE OF TERMINATION
NPI			NO PAY ITEM
NTS			NOT TO SCALE
MAG			MARICOPA ASSOCIATION OF GOVERNMENTS
M			MONUMENT LINE
P			PAVEMENT ELEVATION
PC			POINT OF CURVATURE
PB			PULLBOX
PE G			POLYETHYLENE GAS
PI			POINT OF INTERSECTION
PMM			POLYMER MODIFIED MASTERSEAL
POB			POINT OF BEGINNING

POE	POINT OF ENDING
PROP	PROPERTY
PSS	PAVEMENT STRUCTURAL SECTION
PT	POINT OF TANGENCY
PUE	PUBLIC UTILITY EASEMENT
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
QTY	QUANTITY
R	RADIUS
RD	ROAD
RT	RIGHT
R/W	RIGHT-OF-WAY
S	SEWER
SEC	SECTION
STA	STATION
SWCT	SAWCUT
SWLK	SIDEWALK
T	TANGENT
TOC OR TC	TOP OF CURB/TOP OF CURB ELEVATION
TCE	TEMPORARY CONSTRUCTION EASEMENT
TP	TELEPHONE PEDESTAL
UGE	UNDERGROUND ELECTRIC
W	WATER

F.H.W.A. REGION	STATE	PROJECT NO.	NO.	TOTAL	AS-BUILT
9	ARIZ		02		
Kimley»Horn		7740 N. 16TH STREET SUITE 300, PHOENIX, AZ 85020		PHONE: 602-944-5500 FAX: 602-944-7423 www.kimley-horn.com	

SYMBOL LEGEND

EXIST/PROPOSED	SYMBOL DESCRIPTION
	PROPOSED 100-YEAR FLOODPLAIN
	EXISTING 100-YEAR FLOODPLAIN
	EXISTING 100-YEAR FLOODWAY
	EXISTING CONTOURS
	TOE OF CHANNEL
	PROPOSED CONTOURS
	RIPRAP



PRELIMINARY

60%

NOT FOR
CONSTRUCTION
OR RECORDING

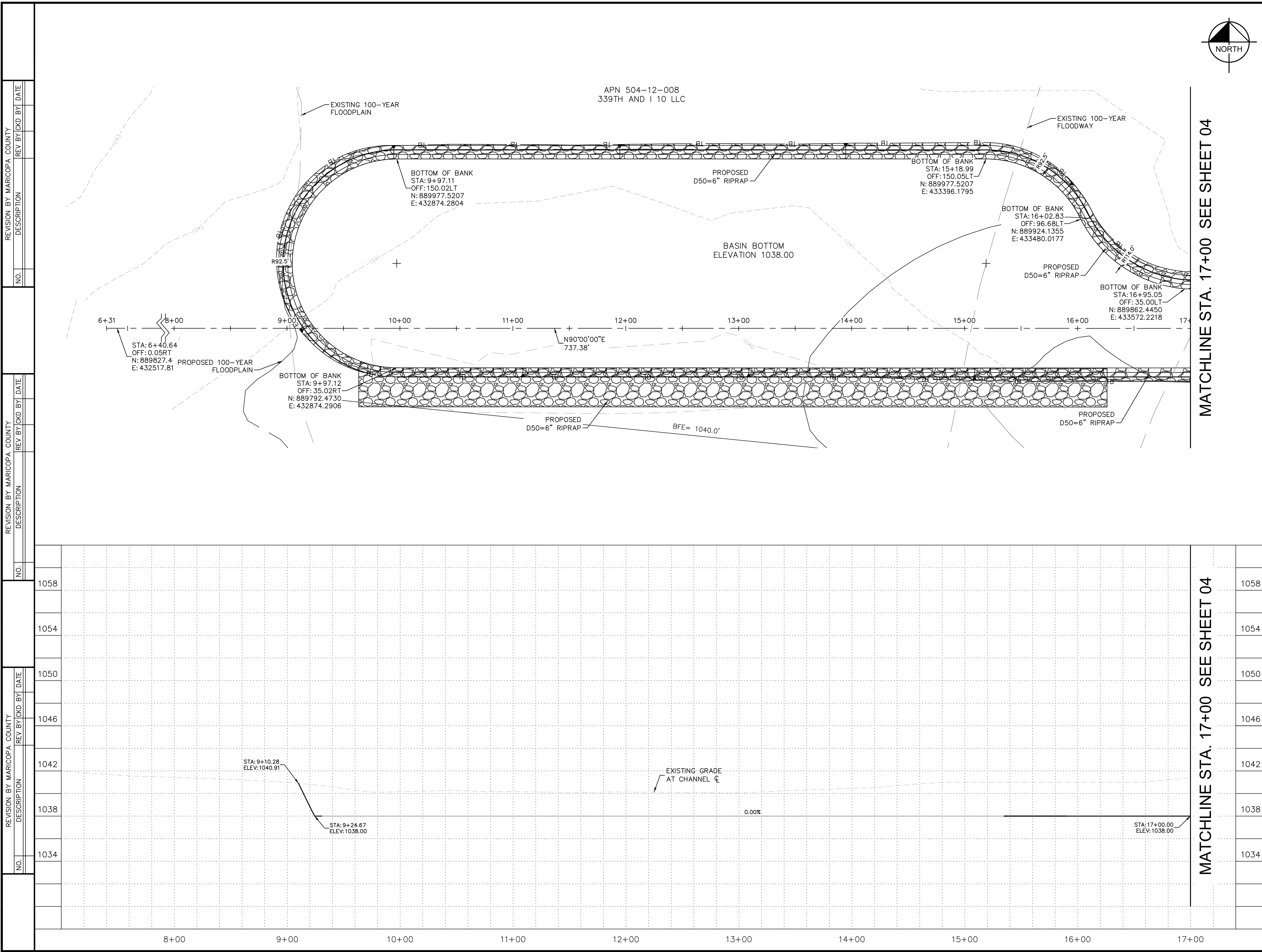
GENERAL NOTES, LEGEND, AND ABBREVIATIONS

MARICOPA COUNTY, ARIZONA
DRAINAGE IMPROVEMENTS

10 WEST LOGISTICS
CHANNEL PLANS

DR: ER	DES: ER	CHK: ATC	NO.	TOTAL
DATE: 05/24	DATE: 05/24	DATE: 05/24		
SCALE:			02	

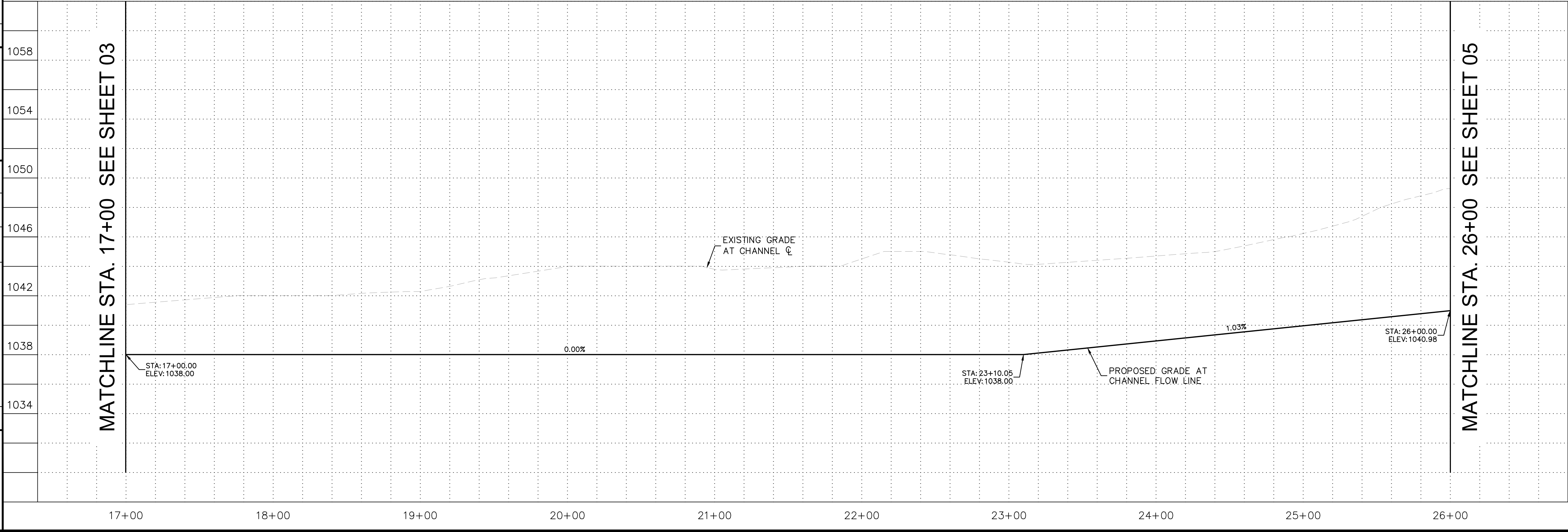
k:\EAV_CIVIL\291006000 - 10 WEST LOGISTICS\CAD\SHEETS\DRAINAGE\DR-01.DWG | HARVEY CHRISTIAN | 3/3/2025



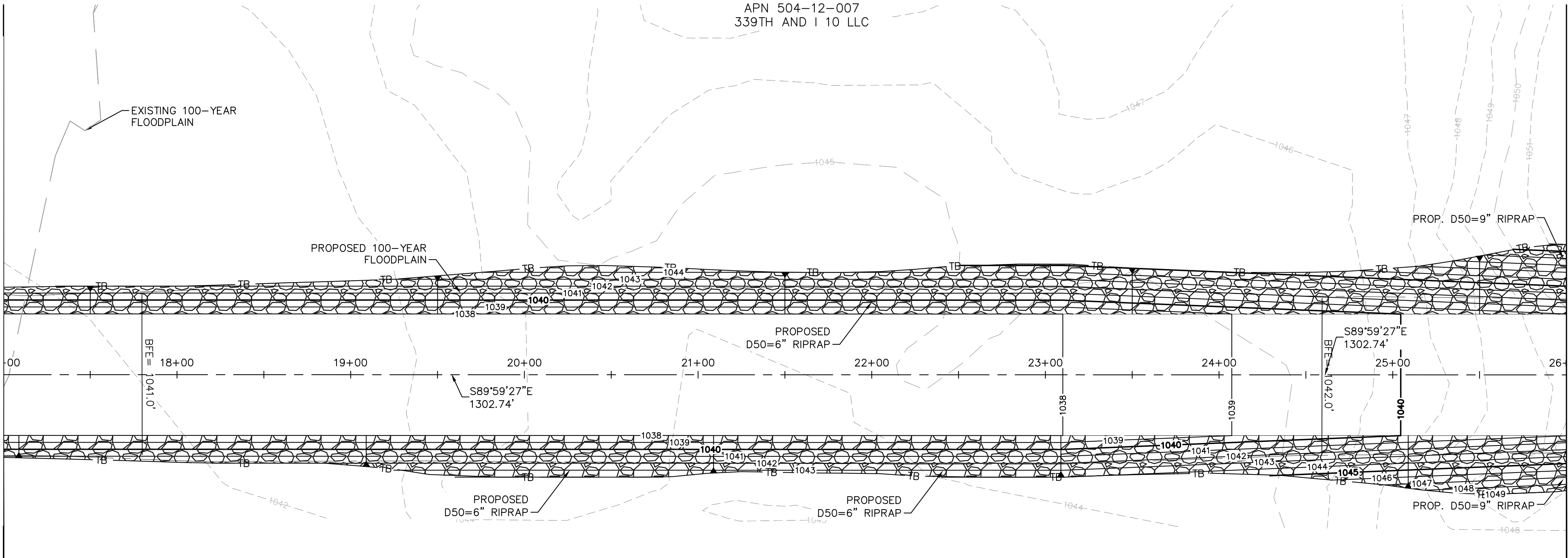
F.H.W.A. REGION	STATE	PROJECT NO.	NO.	TOTAL	AS-BUILT
9	ARIZ		03	10	
Kimley»Horn		7740 N. 16TH STREET SUITE 300, PHOENIX, AZ 85020	PHONE: 602-944-5500 FAX: 602-944-7423 www.kimley-horn.com		

K:\EAV_CIVIL\291006000 - 10 WEST LOGISTICS\CAD\SHEETS\DRAINAGE\DR-02.DWG | HARVEY, CHRISTIAN | 3/3/2025

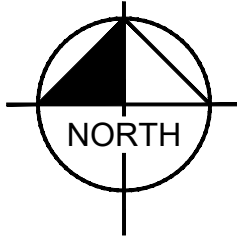
REVISION BY MARICOPA COUNTY		REVISION BY MARICOPA COUNTY		REVISION BY MARICOPA COUNTY	
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION



MATCHLINE STA. 17+00 SEE SHEET 03



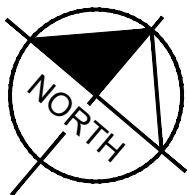
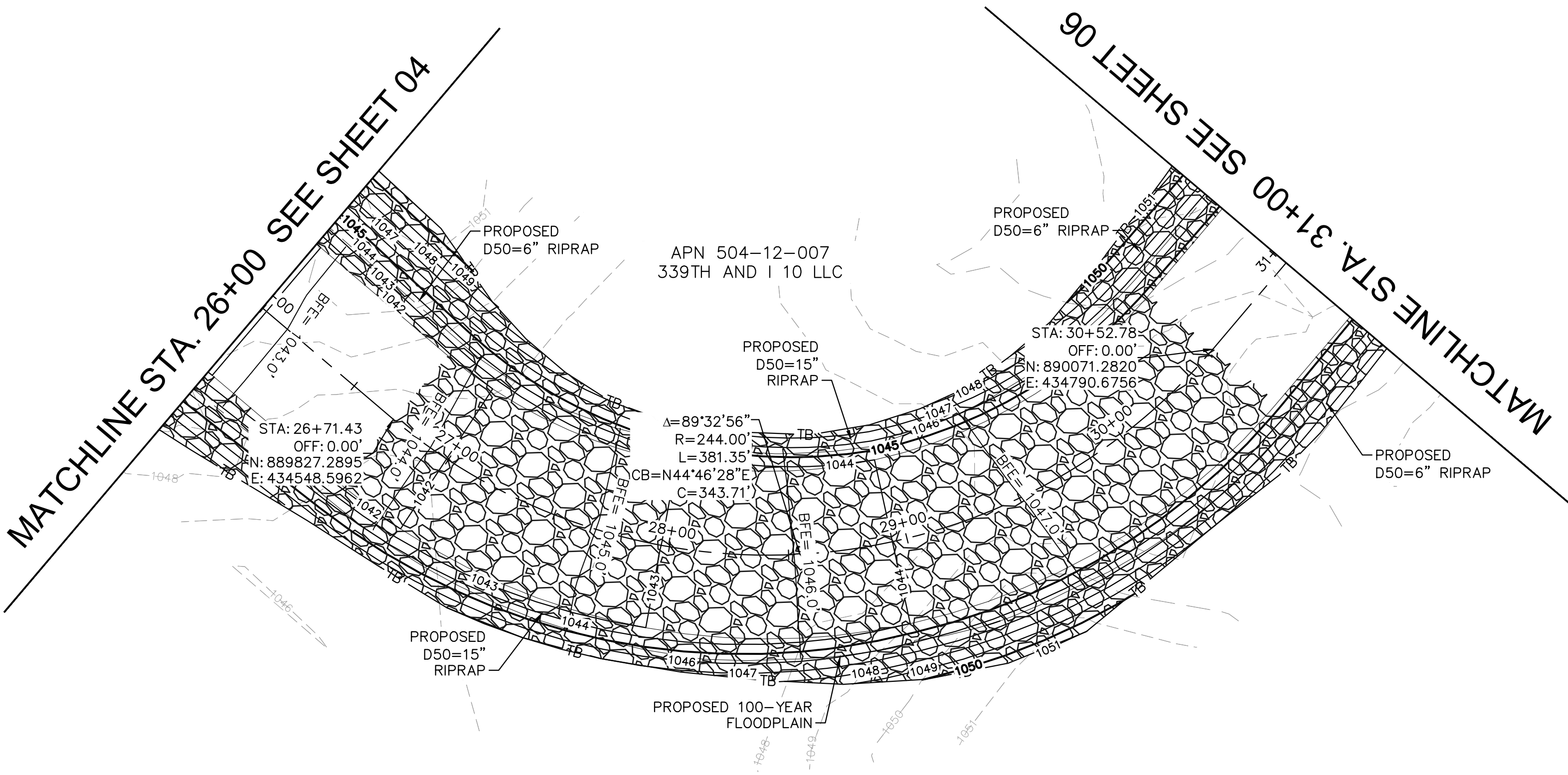
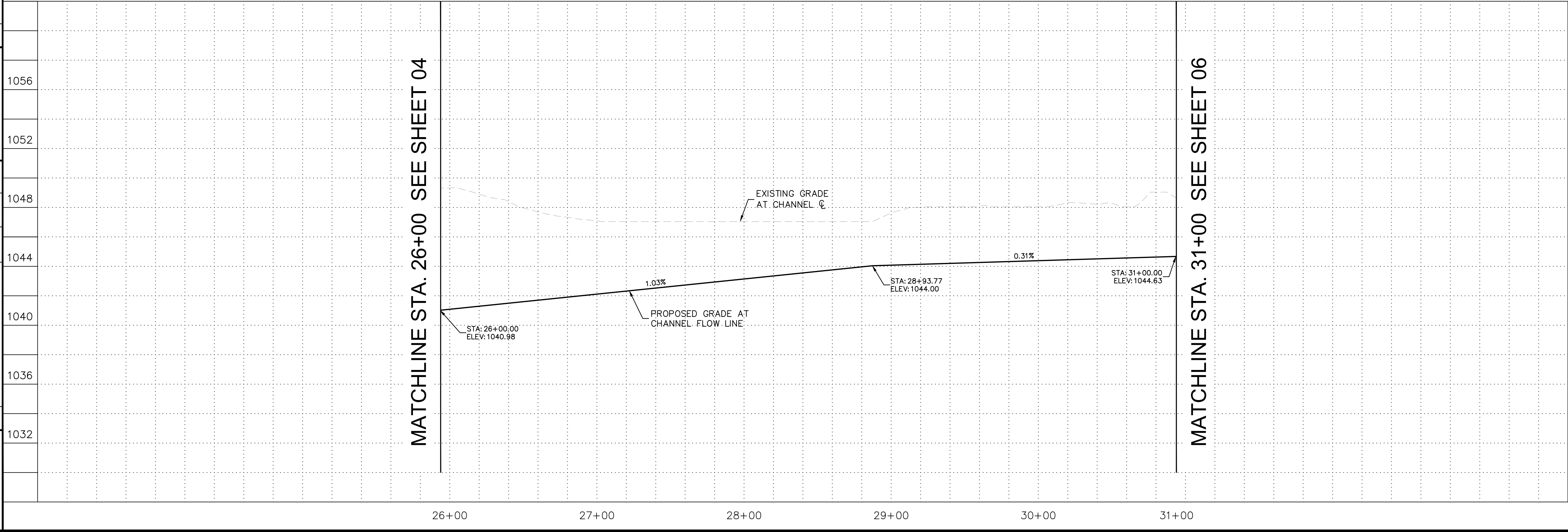
MATCHLINE STA. 26+00 SEE SHEET 05



F.H.W.A. REGION 9	STATE ARIZ	PROJECT NO.	NO. 04	TOTAL 10	AS-BUILT
		7740 N. 16TH STREET SUITE 300 PHOENIX, AZ 85020		PHONE: 602-944-5500 FAX: 602-944-7423 www.kimley-horn.com	
Kimley-Horn					
 Call at least two full working days before you begin excavation. ARIZONA 811 Arizona One-Stop, Inc. Dial 8-1-1 or 1-800-STAKE-IT (782-5348) In Maricopa County: (602) 263-1109 PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING					
MARICOPA COUNTY, ARIZONA DRAINAGE IMPROVEMENTS					
10 WEST LOGISTICS CHANNEL PLANS STA 17+00 TO 26+00					
DR: ER	DES: ER	CHK: GSB	NO.	TOTAL	
DATE: 05/24	DATE: 05/24	DATE: 05/24	04	10	
SCALE: 1"=20' HORIZ 1"=2' VERT					

k:\LEV CIVIL\291008000 - 10 WEST LOGISTICS\CAD\SHEETS\DRAINAGE\DR-03.DWG | HARVEY, CHRISTIAN | 3/3/2025

REVISION BY MARICOPA COUNTY		REVISION BY MARICOPA COUNTY		REVISION BY MARICOPA COUNTY	
DESCRIPTION		DESCRIPTION		DESCRIPTION	
NO.	REV BY	NO.	REV BY	NO.	REV BY
	CKD		CKD		CKD
	DATE		DATE		DATE



F.H.W.A. REGION	STATE	PROJECT NO.	NO.	TOTAL	AS-BUILT
9	ARIZ		05	10	

Kimley»Horn
7740 N. 16TH STREET
SUITE 300
PHOENIX, AZ 85020
PHONE: 602-944-5500
FAX: 602-944-7423
www.kimley-horn.com

GRAPHIC SCALE IN FEET
0 25 50 100
HORIZONTAL
0 2 4 8
VERTICAL

ARIZONA 811
Call at least two full working days before you begin excavation.
Arizona One-Stop, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1109

PRELIMINARY
60%
NOT FOR CONSTRUCTION OR RECORDING

MARICOPA COUNTY, ARIZONA
DRAINAGE IMPROVEMENTS
10 WEST LOGISTICS
CHANNEL PLANS
STA 26+00 TO 31+00

DR: ER	DES: ER	CHK: GSB	NO.	TOTAL
DATE: 05/24	DATE: 05/24	DATE: 05/24	05	10

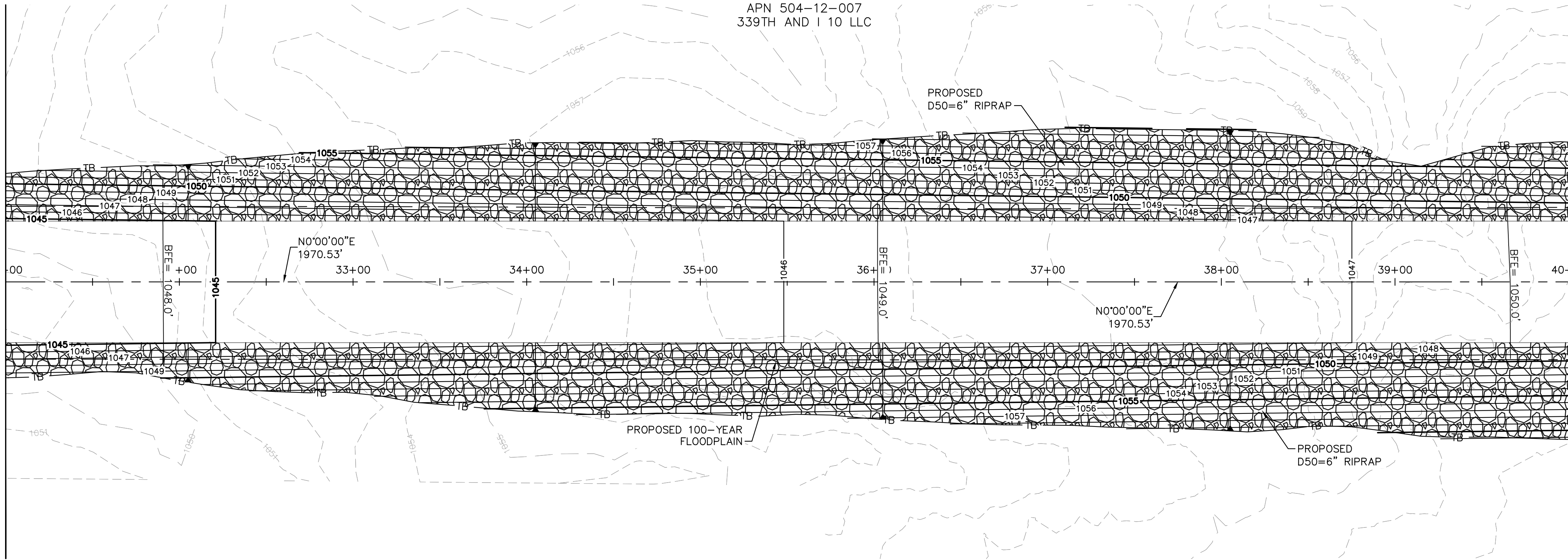
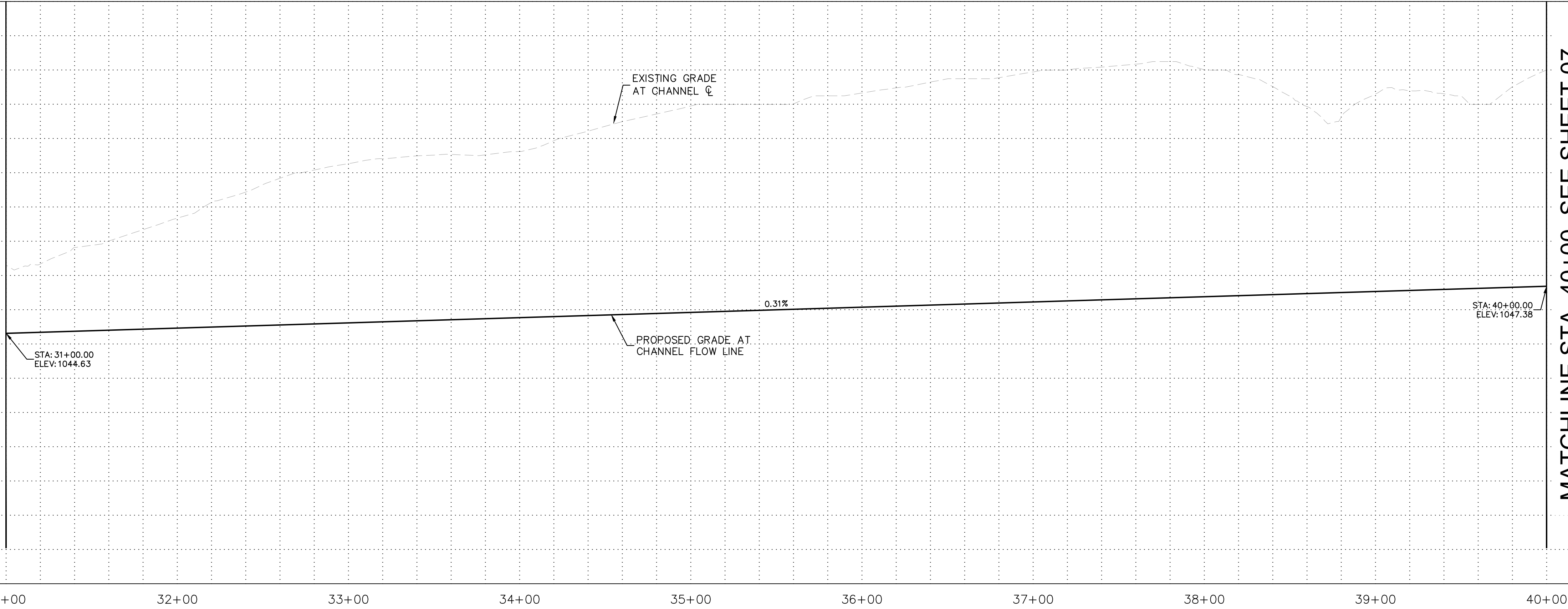
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K:\EAV_CIVIL\291006000 - 10 WEST LOGISTICS\CAD\SHEETS\DRAINAGE\DR-04.DWG | HARVEY, CHRISTIAN | 3/3/2025

REVISION BY MARICOPA COUNTY		REVISION BY MARICOPA COUNTY		REVISION BY MARICOPA COUNTY	
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION

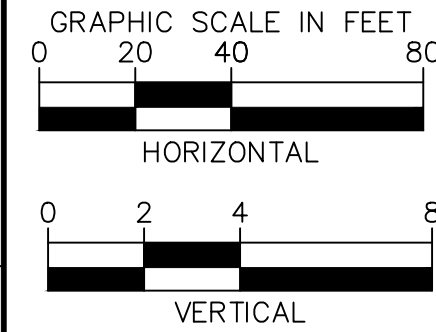
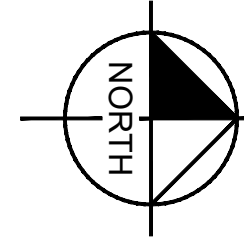
MATCHLINE STA. 31+00 SEE SHEET 05

MATCHLINE STA. 31+00 SEE SHEET 05



MATCHLINE STA. 40+00 SEE SHEET 07

MATCHLINE STA. 40+00 SEE SHEET 07



F.H.W.A. REGION	STATE	PROJECT NO.	NO.	TOTAL	AS-BUILT
9	ARIZ		06	10	

7740 N. 16TH STREET
SUITE 300
PHOENIX, AZ 85020

PHONE: 602-944-5500
FAX: 602-944-7423
www.kimley-horn.com

DR: ER	DES: ER	CHK: GSB	NO.	TOTAL
DATE: 05/24	DATE: 05/24	DATE: 05/24	06	10

SCALE: 1"=20' HORIZ 1"=2' VERT



Call at least two full working days before you begin excavation.

ARIZONA 811

Arizona One-Stop, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348)

In Maricopa County: (602) 263-1100

PRELIMINARY

60%

NOT FOR CONSTRUCTION OR RECORDING

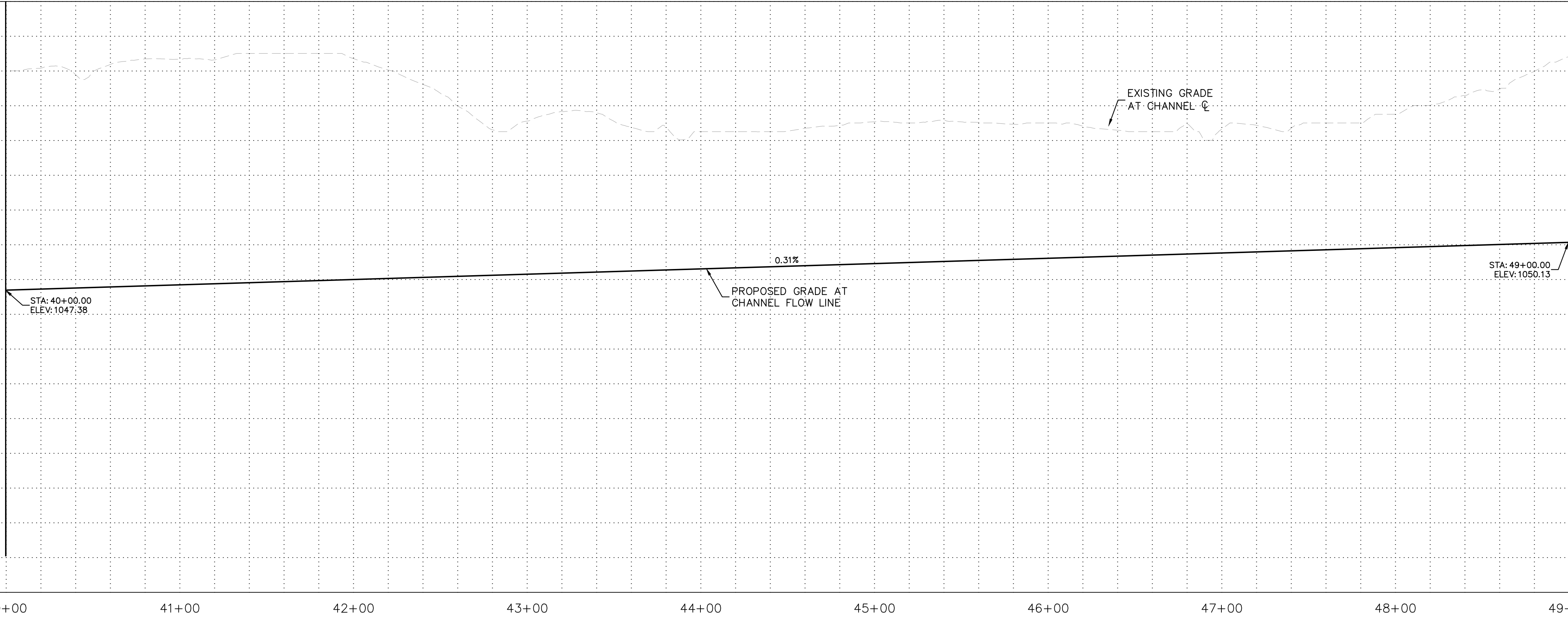
MARICOPA COUNTY, ARIZONA
DRAINAGE IMPROVEMENTS

10 WEST LOGISTICS
CHANNEL PLANS
STA 31+00 TO 40+00

K:\EAV_CIVIL\291006000 - 10 WEST LOGISTICS\CAD\SHEETS\DRAINAGE\DR-05.DWG | HARVEY, CHRISTIAN | 3/3/2025

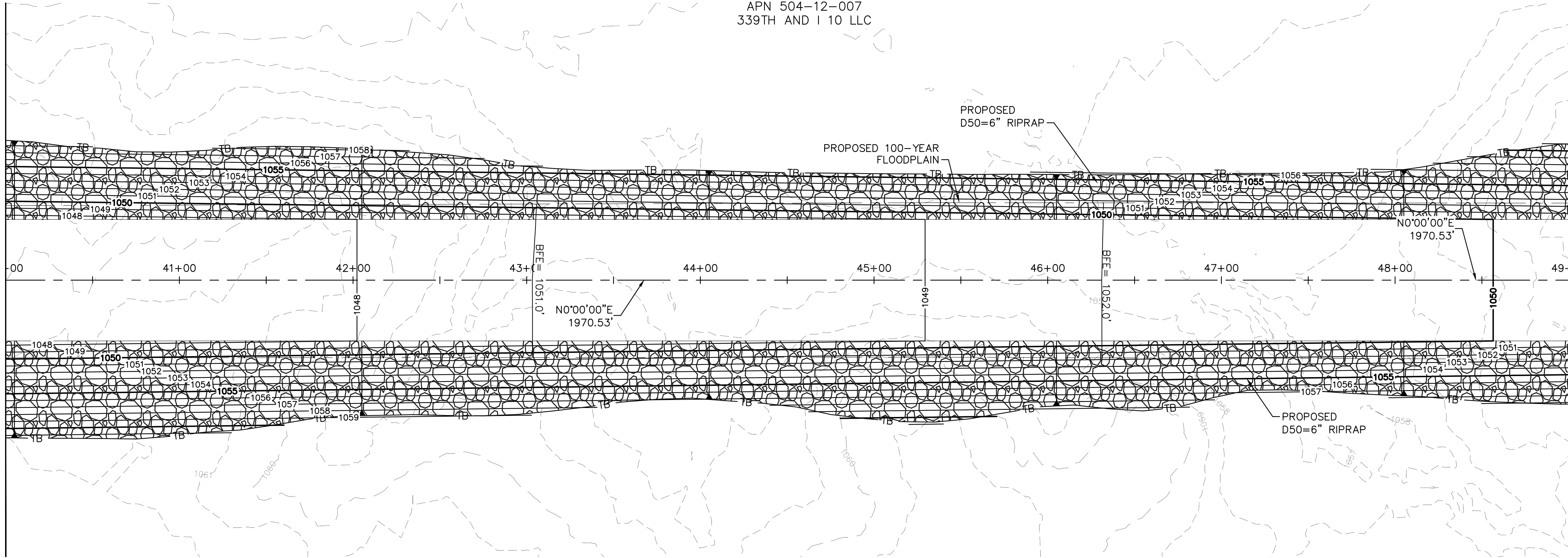
REVISION BY MARICOPA COUNTY		REVISION BY MARICOPA COUNTY		REVISION BY MARICOPA COUNTY	
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION

MATCHLINE STA. 40+00 SEE SHEET 06

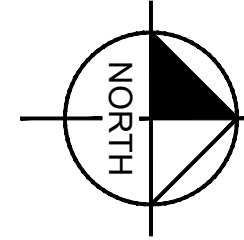


MATCHLINE STA. 49+00 SEE SHEET 08

MATCHLINE STA. 40+00 SEE SHEET 06



MATCHLINE STA. 49+00 SEE SHEET 08



F.H.W.A. REGION	STATE	PROJECT NO.	NO.	TOTAL	AS-BUILT
9	ARIZ		07	10	

Kimley»Horn
7740 N. 16TH STREET
SUITE 300
PHOENIX, AZ 85020
PHONE: 602-944-5500
FAX: 602-944-7423
www.kimley-horn.com

GRAPHIC SCALE IN FEET
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HORIZONTAL
0 2 4 8
VERTICAL

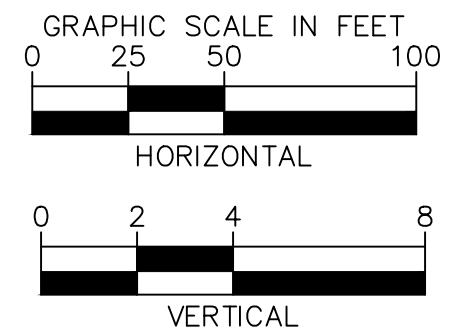
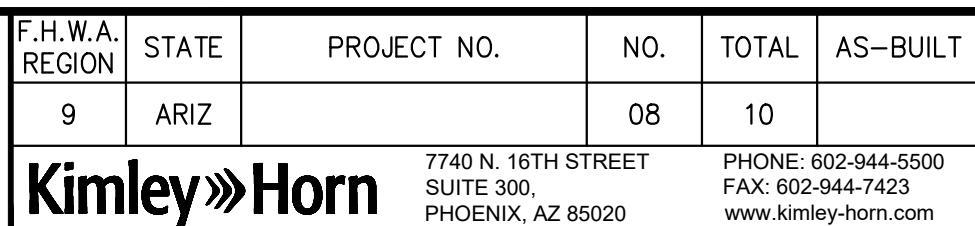
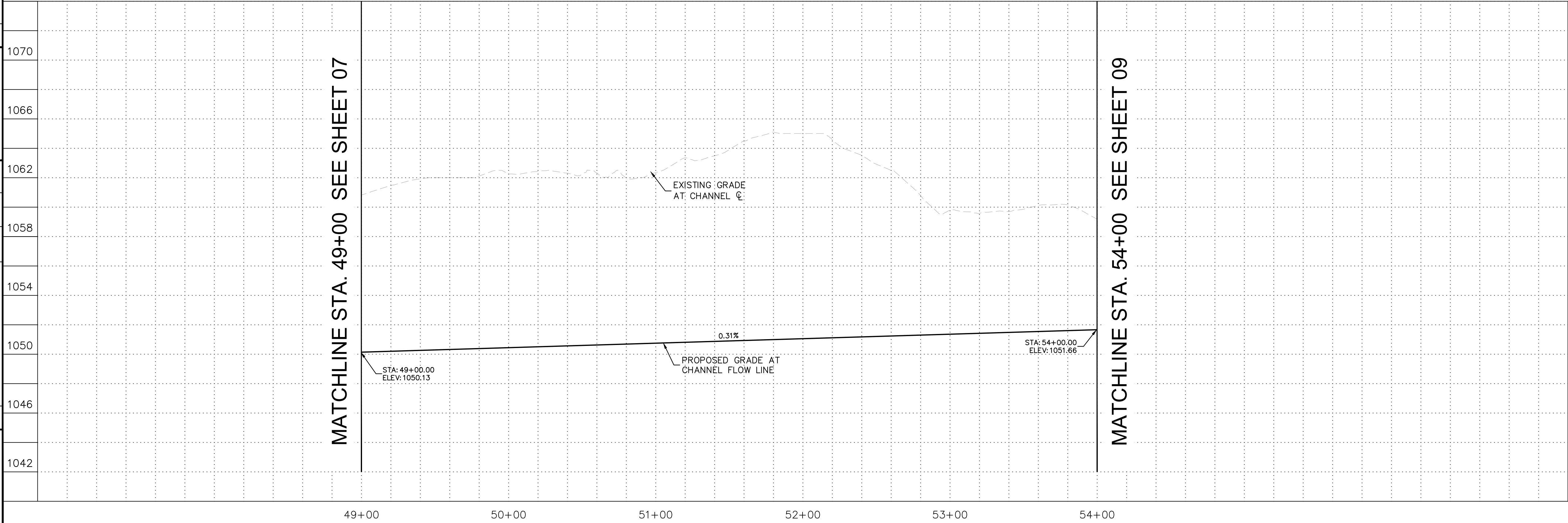
Call at least two full working days before you begin excavation.
ARIZONA 811
Arizona One-Stop, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1109

PRELIMINARY
60%
NOT FOR
CONSTRUCTION
OR RECORDING

MARICOPA COUNTY, ARIZONA
DRAINAGE IMPROVEMENTS
10 WEST LOGISTICS
CHANNEL PLANS
STA 40+00 TO 49+00

DR:	ER	DES:	ER	CHK:	GSB	NO.	TOTAL
DATE: 05/24		DATE: 05/24		DATE: 05/24		07	10

SCALE: 1"=20' HORIZ 1"=2' VERT



PRELIMINARY

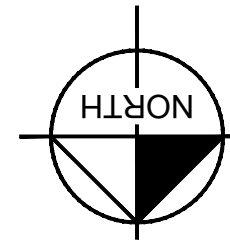
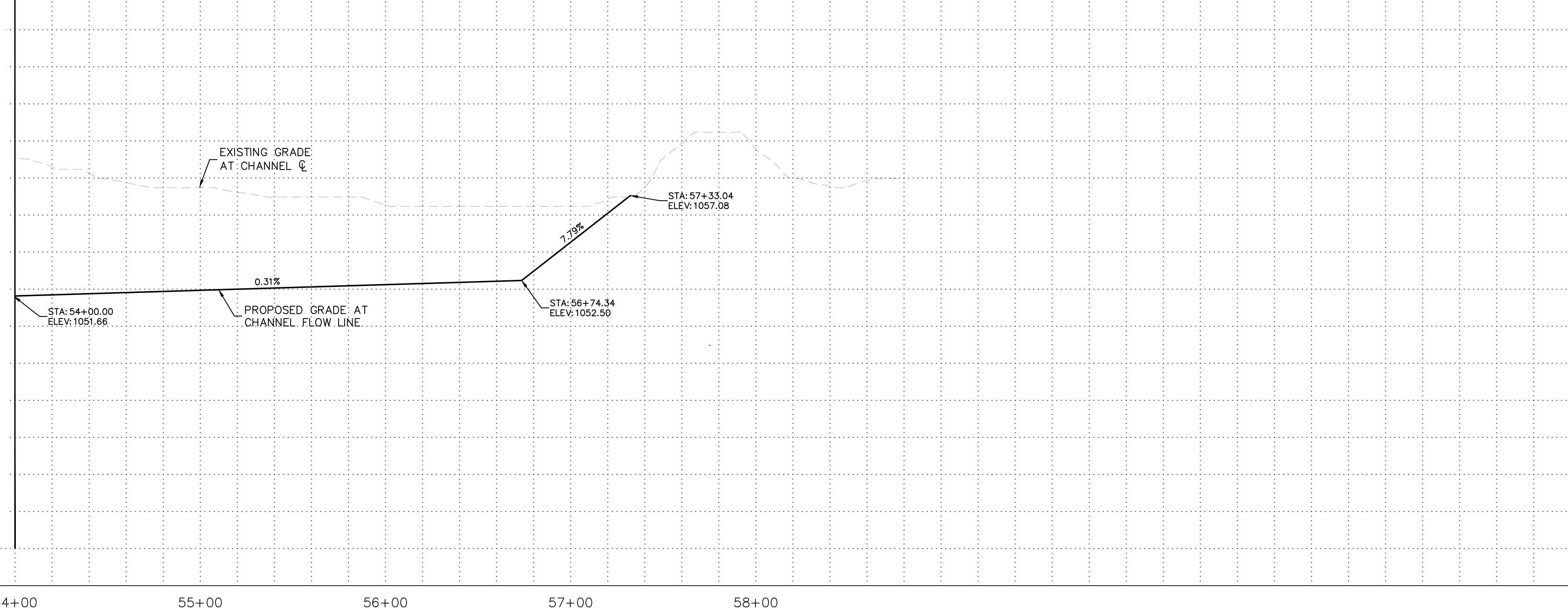
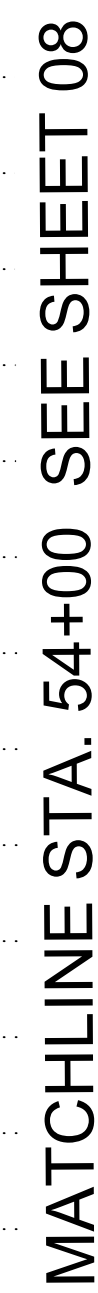
60%

NOT FOR
CONSTRUCTION
OR RECORDING

MARICOPA COUNTY, ARIZONA
DRAINAGE IMPROVEMENTS

10 WEST LOGISTICS
CHANNEL PLANS
STA 49+00 TO 54+00

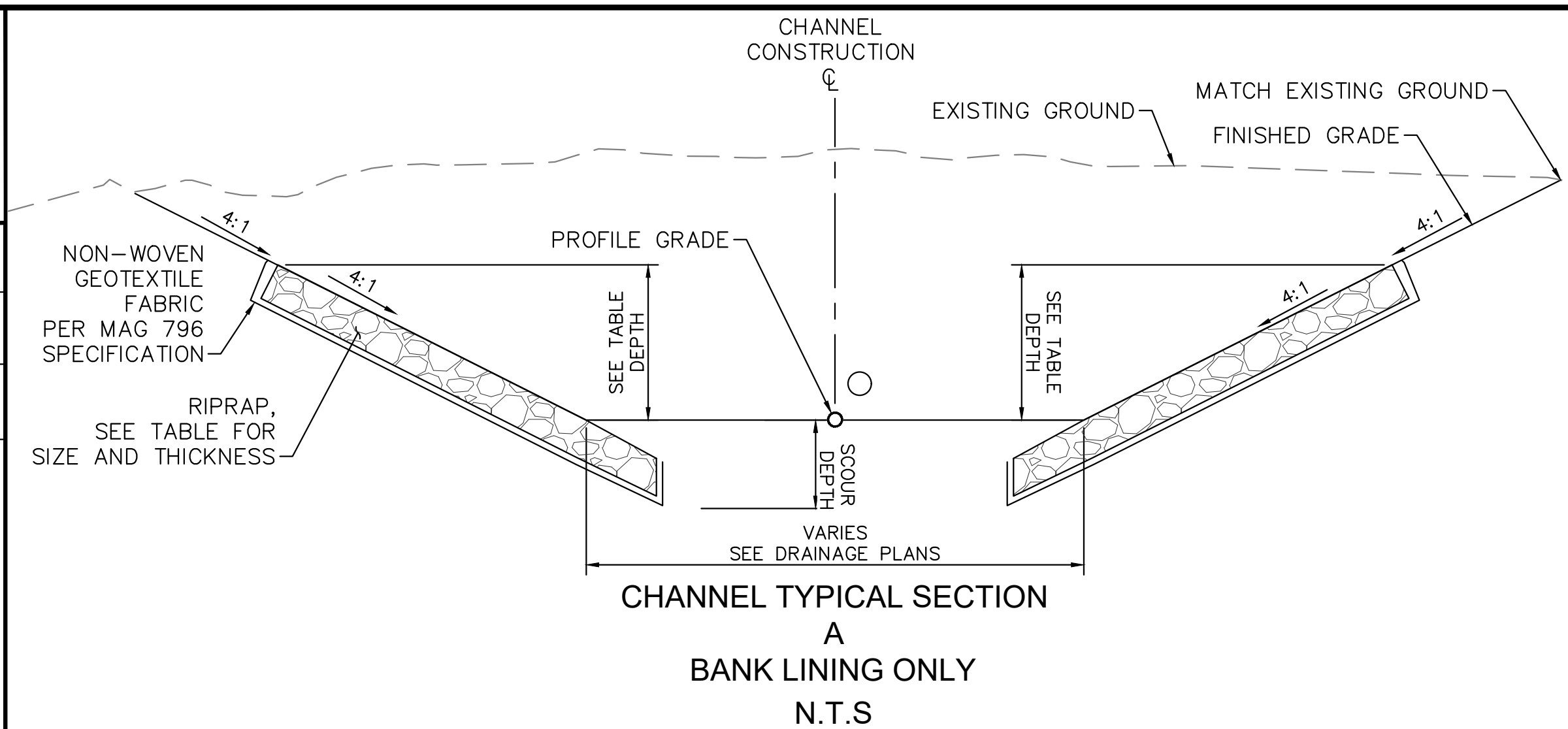
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DATE: 05/24	DATE: 05/24	DATE: 05/24		
SCALE: 1"=20' HORIZ 1"=2' VERT			08	10



F.H.W.A. REGION	STATE	PROJECT NO.	NO.	TOTAL	AS-BUILT
9	ARIZ		09	10	
Kimley»Horn 7740 N. 16TH STREET SUITE 300, PHOENIX, AZ 85020		PHONE: 602-944-5500 FAX: 602-944-7423 www.kimley-horn.com			
GRAPHIC SCALE IN FEET 0 20 40 80 HORIZONTAL 0 2 4 8 VERTICAL					
Call at least two full working days before you begin excavation. ARIZONA811 Arizona One Stop, Inc. Dial 8-1-1 or 1-800-STAKE-IT (782-5348) In Maricopa County: (602) 263-1100			PRELIMINARY 60% NOT FOR CONSTRUCTION OR RECORDING		
MARICOPA COUNTY, ARIZONA DRAINAGE IMPROVEMENTS					
10 WEST LOGISTICS CHANNEL PLANS STA 54+00 TO 59+00					
DR: ER DES: ER CK: GSB DATE: 05/24 DATE: 05/24 DATE: 05/24				NO.	TOTAL
SCALE: 1"=20' HORIZ 1"=2' VERT				09	10

k:\EAV_CIVIL\291006000 - 10 WEST LOGISTICS\CADD\SHEETS\DRAINAGE\DR-08.DWG | HARVEY, CHRISTIAN | 3/3/2025

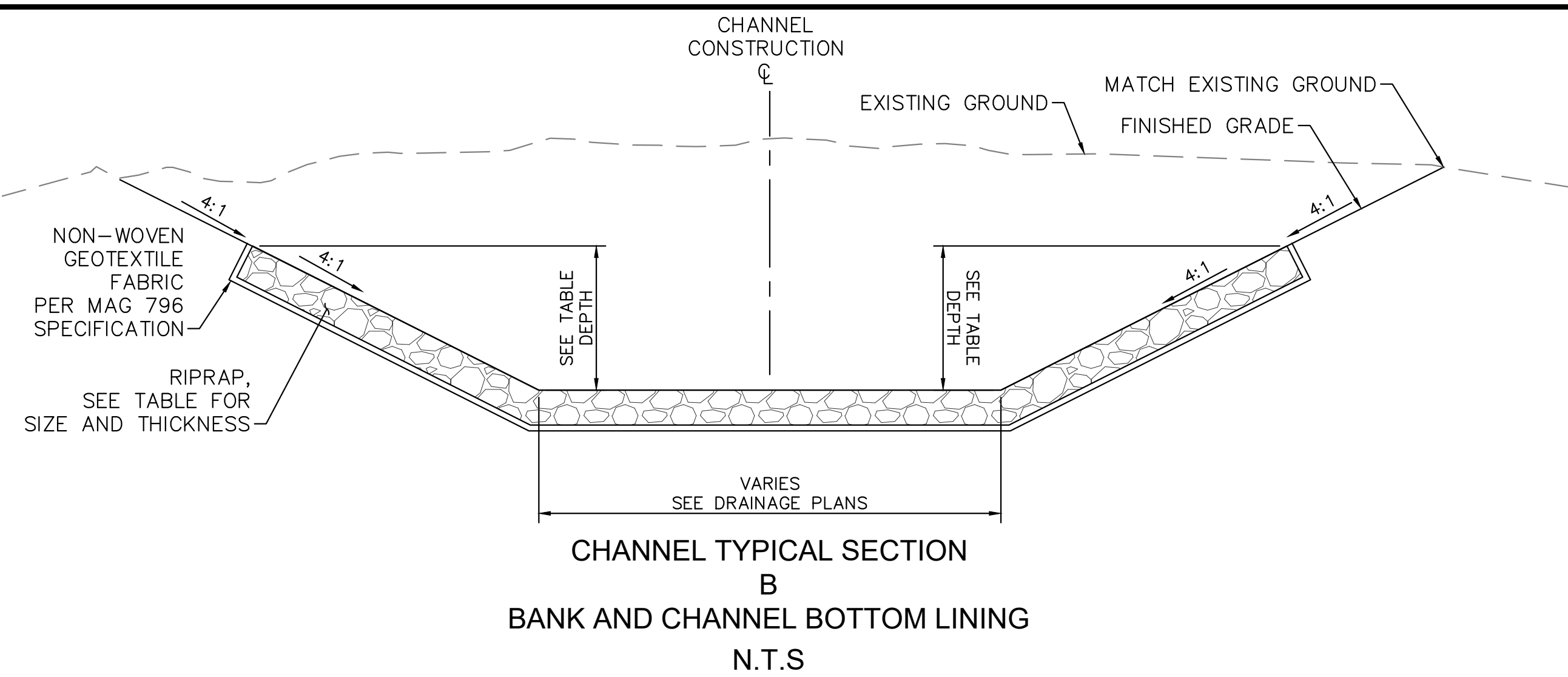
REVISION BY MARICOPA COUNTY	DESCRIPTION	NO.	REV BY	CHKD BY	DATE
REVISION BY MARICOPA COUNTY	DESCRIPTION	NO.	REV BY	CHKD BY	DATE
REVISION BY MARICOPA COUNTY	DESCRIPTION	NO.	REV BY	CHKD BY	DATE



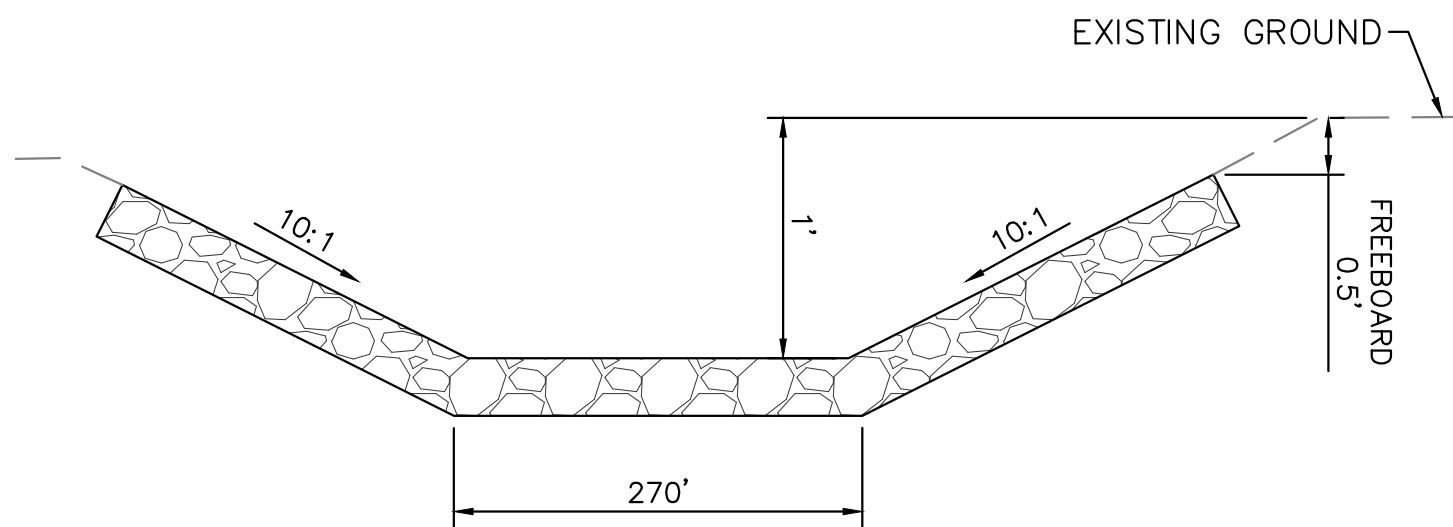
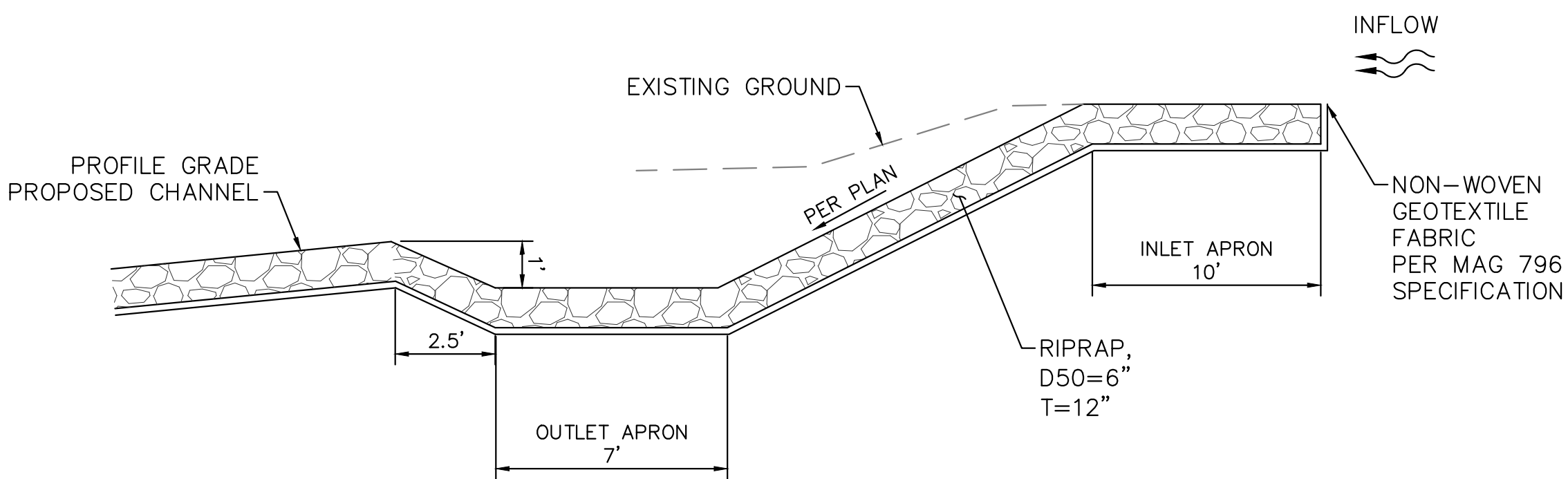
CHANNEL SECTION TABLE					
START STA	END STA	DEPTH	D50	THICKNESS	SCOUR DEPTH
9+24.00	16+95.00	1.75'	6"	12"	13.00'
16+95.00	18+15.00	4.00'	6"	12"	6.75'
18+15.00	23+10.00	5.00'	6"	12"	6.75'
23+10.00	26+71.43	4.00'	6"	12"	6.75'
30+52.78	50+23.30	4.25'	6"	12"	6.75'

RIPRAP GRADATION	
STONE SIZE RANGE (ft)	PERCENT OF GRADATION SMALLER THAN
1.5*D50 TO 1.7*D50	100
1.2*D50 TO 1.4*D50	85
1.0*D50 TO 1.15*D50	50
0.4*D50 TO 0.6*D50	15

SPECIFIC WEIGHT OF STONE
TO BE MINIMUM OF 150
LB/FT³



CHANNEL SECTION TABLE				
START STA	END STA	DEPTH	D50	THICKNESS
26+71.43	30+52.78	4.00'	15"	30"
50+23.30	54+06.26	4.00'	6"	12"
54+06.26	57+33.04	4.00'	6"	12"



F.H.W.A. REGION	STATE	PROJECT NO.	NO.	TOTAL	AS-BUILT
9	ARIZ		10	10	

Kimley»Horn
7740 N. 16TH STREET
SUITE 300
PHOENIX, AZ 85020
PHONE: 602-944-5500
FAX: 602-944-7423
www.kimley-horn.com

MARICOPA COUNTY, ARIZONA DRAINAGE IMPROVEMENTS				
10 WEST LOGISTICS CHANNEL PLANS CHANNEL TYPICAL SECTION AND DETAILS				
DR: ER DATE: 05/24	DES: ER DATE: 05/24	CHK: GSB DATE: 05/24	NO.	TOTAL
SCALE:			10	10

PRELIMINARY
60%
NOT FOR
CONSTRUCTION
OR RECORDING