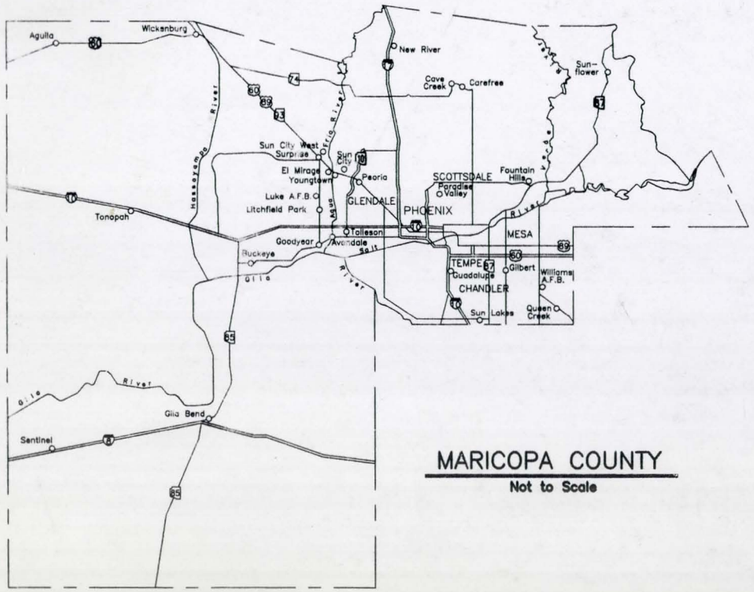
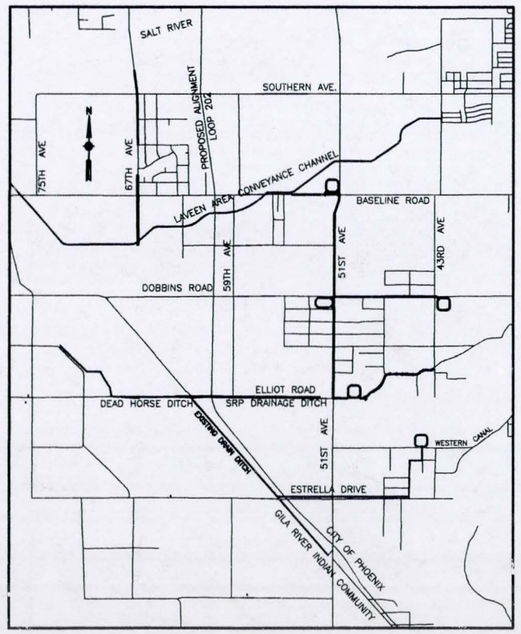
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

CONCEPTUAL PLANS FOR THE LAVEEN AREA DRAINAGE MASTER PLAN

Property of
Flood Control District of MC Library
Please Return to
2801 W. Durango
Phoenix, AZ 85009



MARICOPA COUNTY
Not to Scale



THIS PROJECT VICINITY MAP
NOT TO SCALE

INDEX

E-1.....ENGINEERING PLAN
L-1.....LANDSCAPE PLAN
P1-P12.....PLAN AND PROFILE SHEETS, 51ST AVE REACH
P13-P17.....PLAN AND PROFILE SHEETS, DOBBINS ROAD REACH
P18-P20.....PLAN AND PROFILE SHEETS, CARVER HILLS REACH
P21-P27.....PLAN AND PROFILE SHEETS, 67TH AVE REACH
P28-P31.....PLAN AND PROFILE SHEETS, SRP LATERAL (WESTERN CANAL)
SP1-SP3.....BASIN SITE PLANS

NOT FOR CONSTRUCTION

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

ISSUED FOR PUBLIC BIDDING BY:

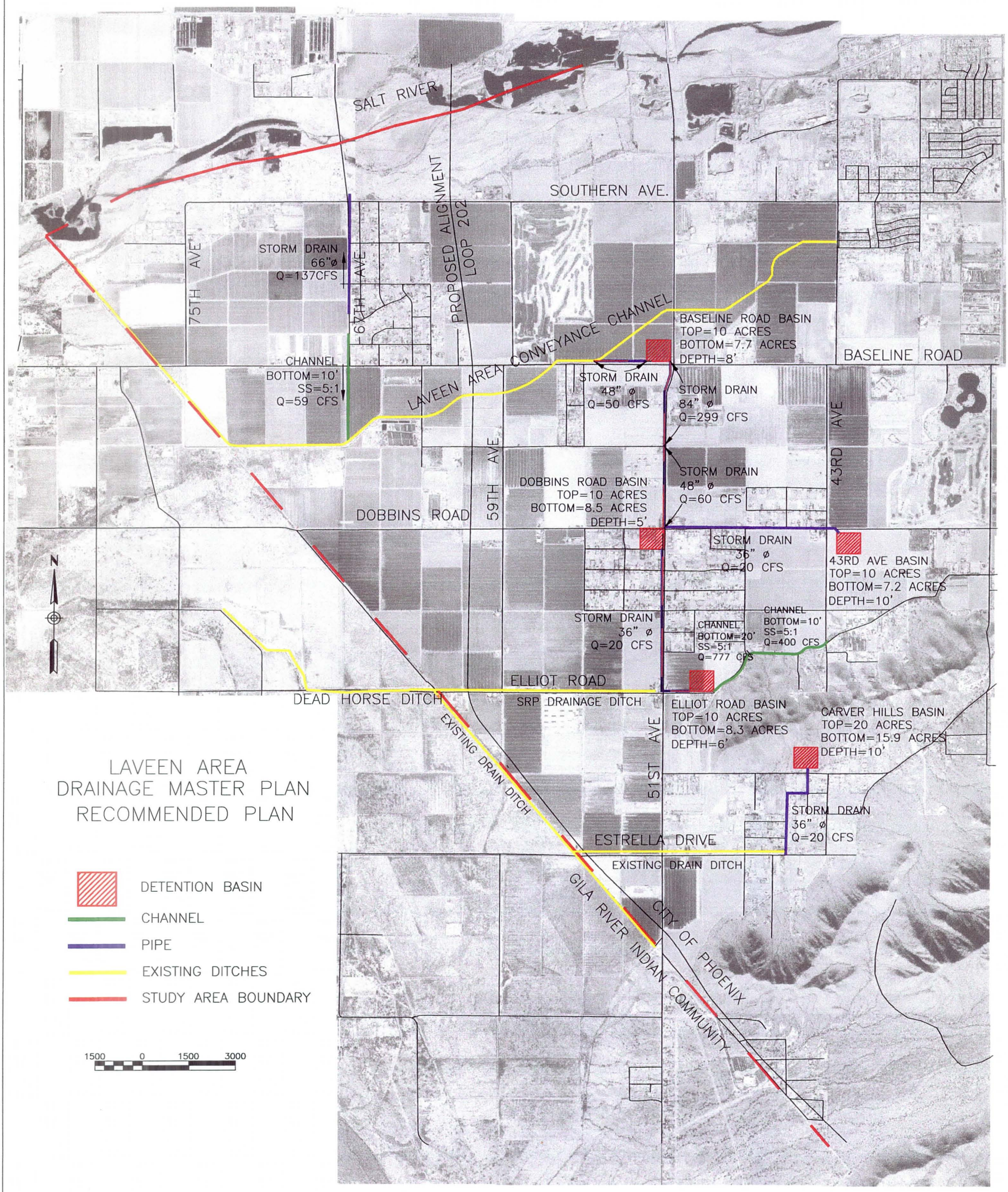
DIRECTOR _____ DATE _____

COUNTY BOARD OF DIRECTORS

JANICE BREWER - CHAIRMAN

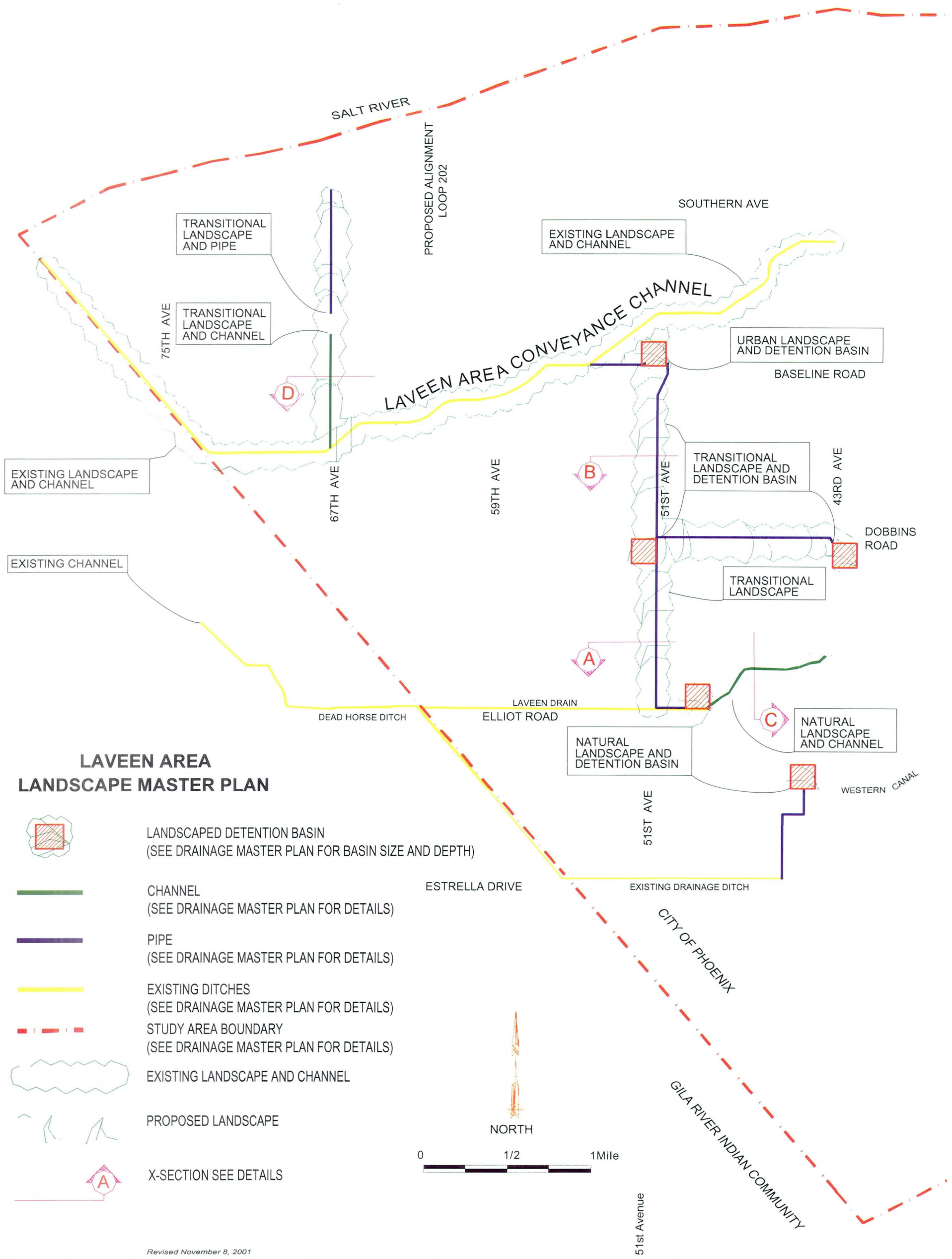
DISTRICT 1	FULTON BROCK
DISTRICT 2	DON STAPLEY
DISTRICT 3	ANDY KUNASEK
DISTRICT 4	JANICE BREWER
DISTRICT 5	MARY ROSE WILCOX

A117.909



LAVEEN AREA DRAINAGE MASTER PLAN RECOMMENDED PLAN

DRAWING NAME E-1	LAVEEN AREA DRAINAGE MASTER PLAN RECOMMENDED PLAN	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY	PREPARED BY: HDR HDR Engineering, Inc.	Issue Certification	Job No. Designed Drawn DRS Checked Reviewed Approved Reg. No. Plot Date	Rev	Date	Description	By



LAVEEN AREA LANDSCAPE MASTER PLAN

LANDSCAPED DETENTION BASIN
(SEE DRAINAGE MASTER PLAN FOR BASIN SIZE AND DEPTH)

CHANNEL
(SEE DRAINAGE MASTER PLAN FOR DETAILS)

PIPE
(SEE DRAINAGE MASTER PLAN FOR DETAILS)

EXISTING DITCHES
(SEE DRAINAGE MASTER PLAN FOR DETAILS)

STUDY AREA BOUNDARY
(SEE DRAINAGE MASTER PLAN FOR DETAILS)

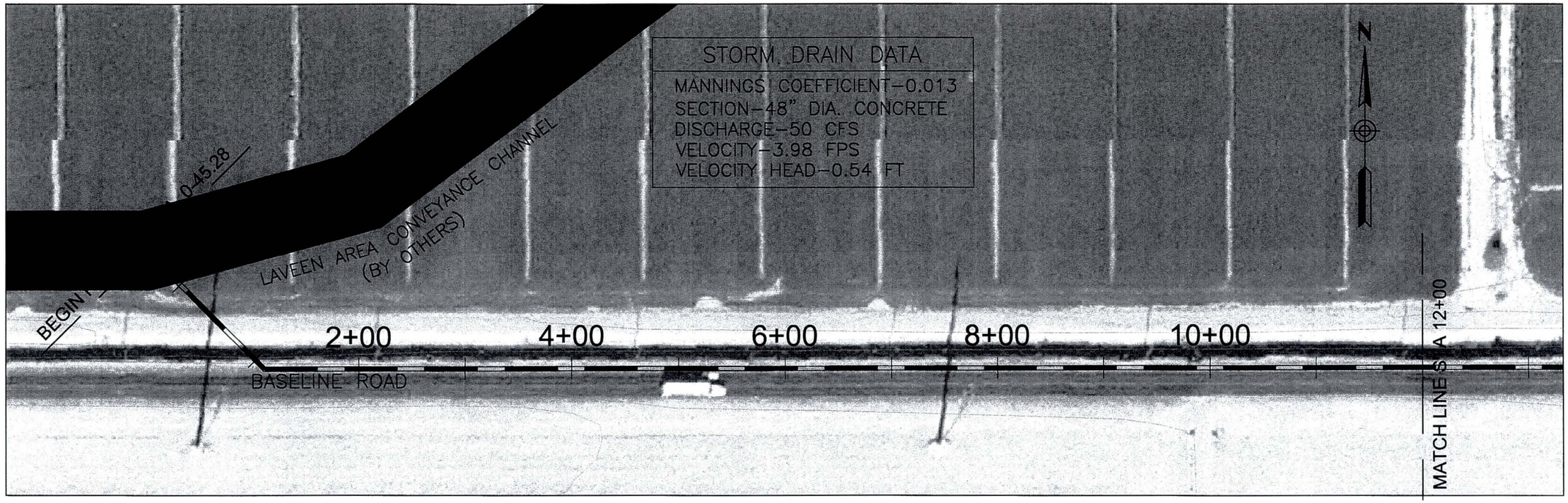
EXISTING LANDSCAPE AND CHANNEL

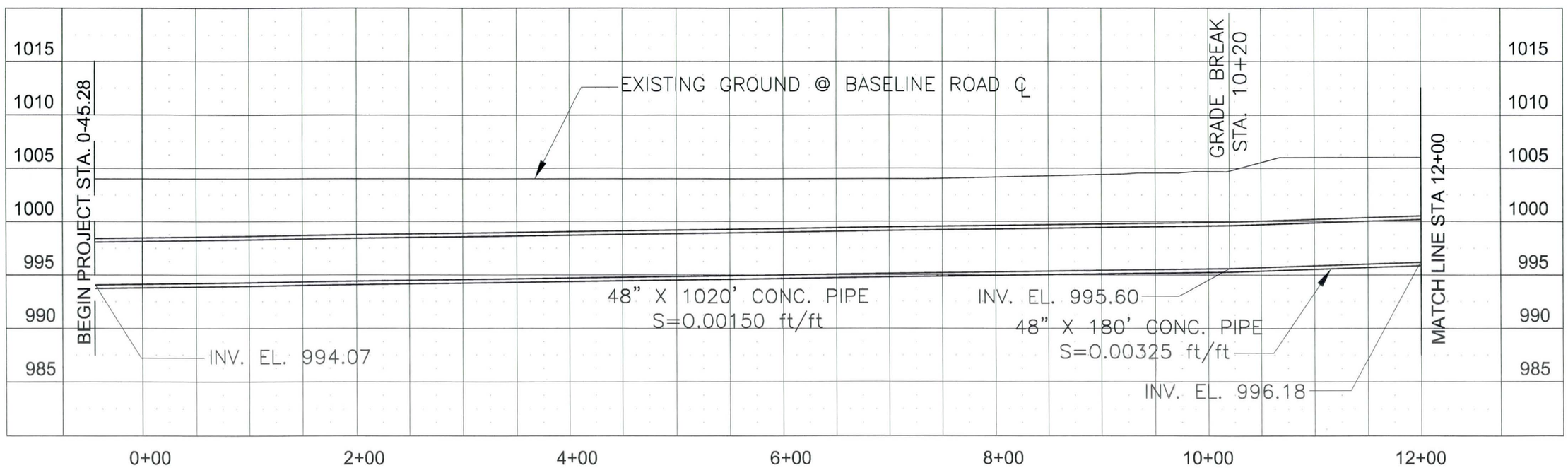
PROPOSED LANDSCAPE

A X-SECTION SEE DETAILS

Revised November 8, 2001

L-1	LAVEEN AREA DRAINAGE MASTER PLAN LAVEEN AREA LANDSCAPE MASTER PLAN		DFD	HDR HDR Engineering, Inc.	Issue Certification	Job No. Designed Drawn DRS Checked Reviewed Approved Req. No. Plot Date	Rev	Date	Description	By





Rev	Date	Description	By

Issue Certification

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

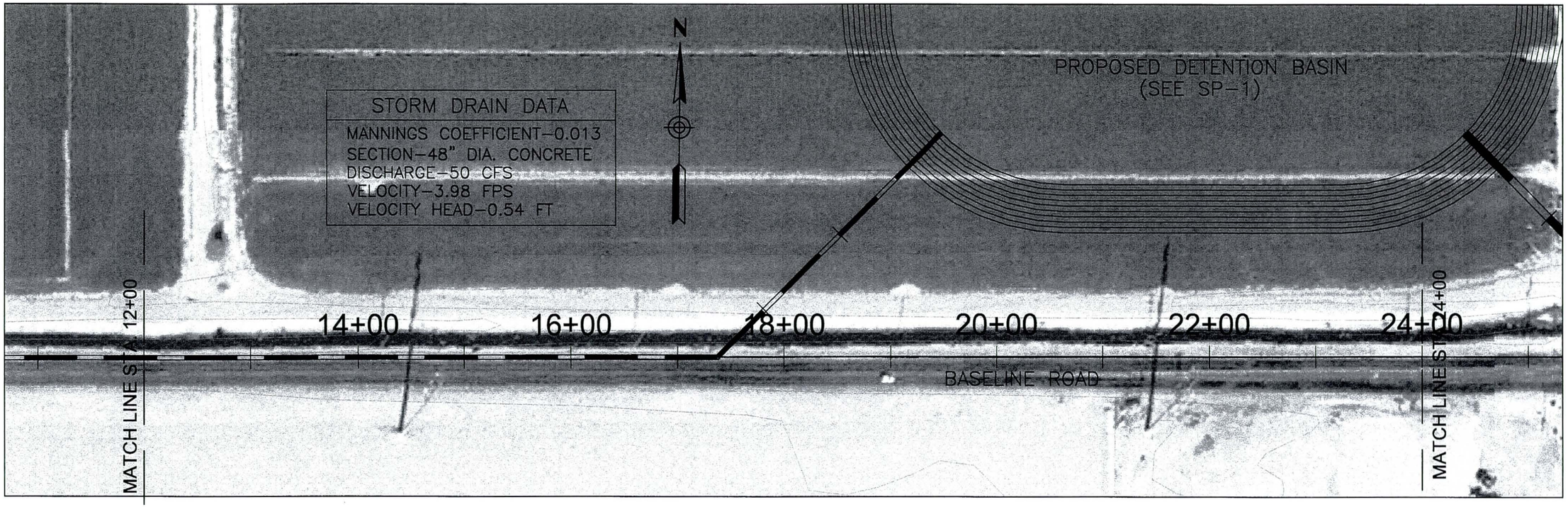
PREPARED BY:
HDR
HDR Engineering, Inc.

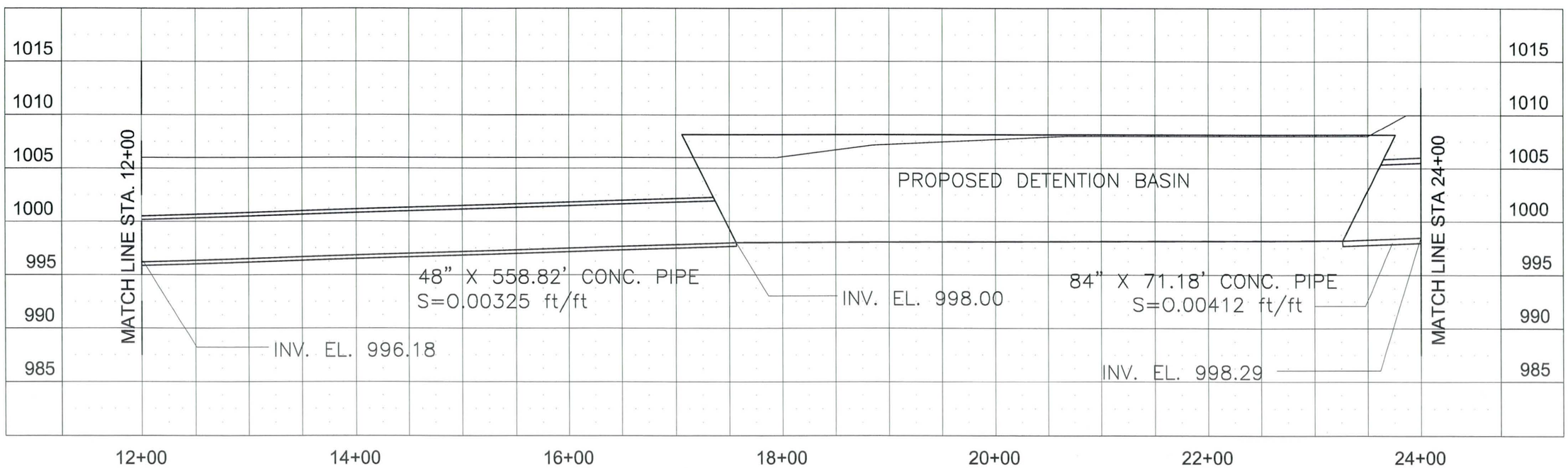
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
51ST AVE REACH
STA 0+00 TO STA 12+00

DRAWING NAME
P-1





Rev	Date	Description	By

Issue Certification

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

PREPARED BY:

HDR

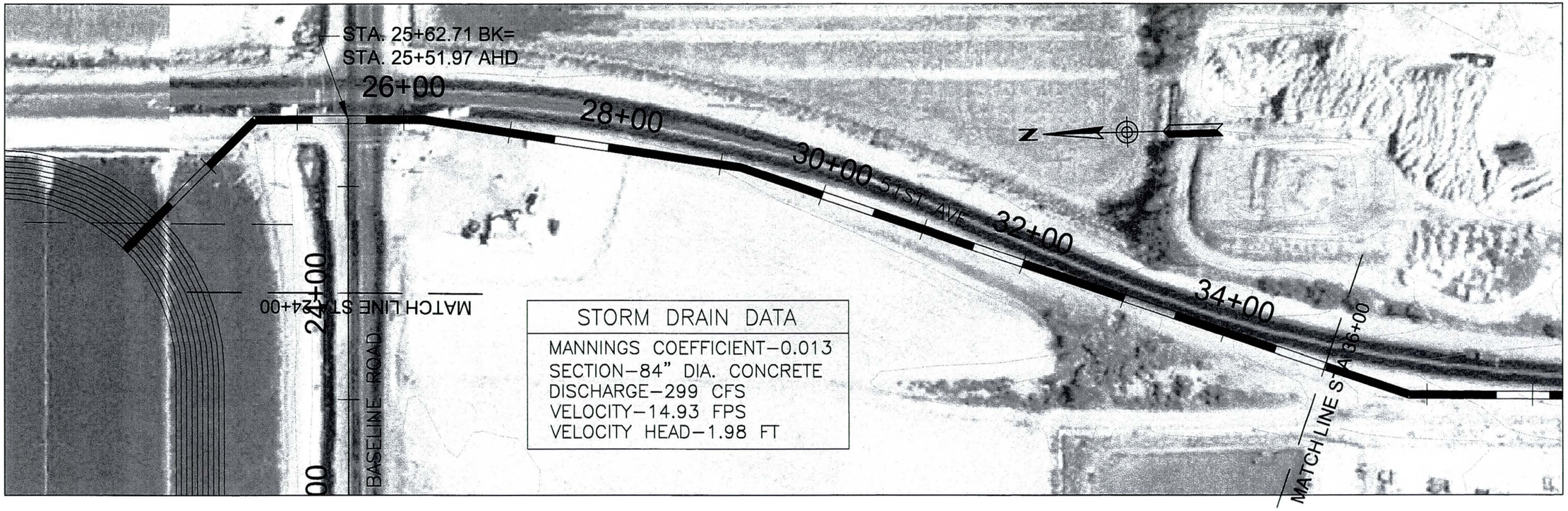
HDR Engineering, Inc.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

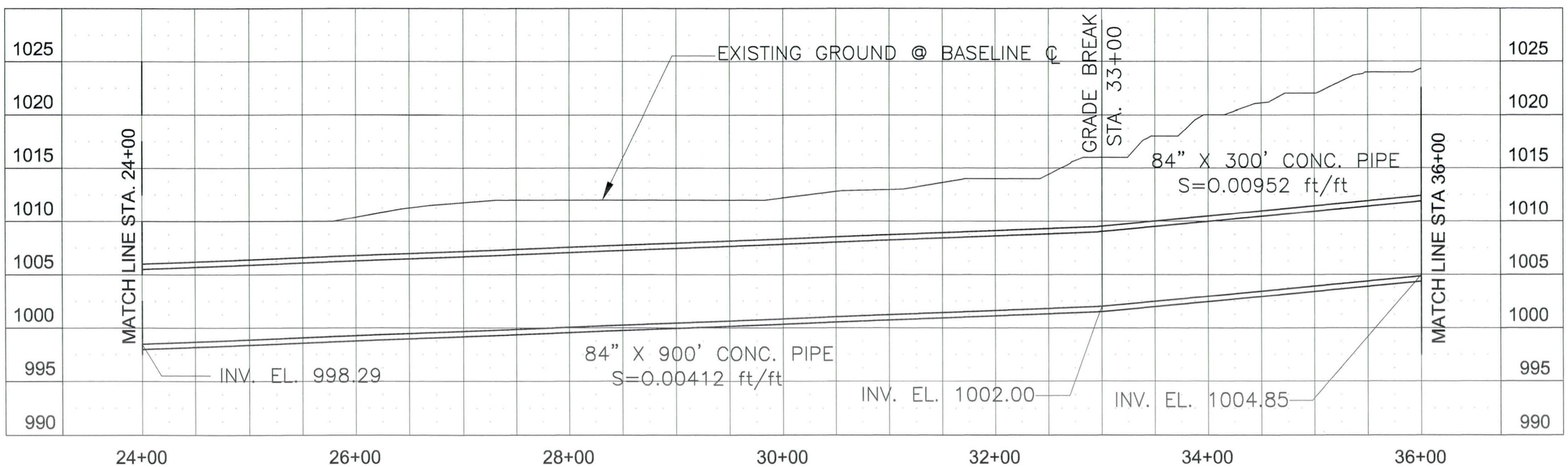
PLAN AND PROFILE
51ST AVE REACH
STA 12+00 TO STA 24+00

DRAWING NAME
P-2



STORM DRAIN DATA

MANNINGS COEFFICIENT–0.013
SECTION–84" DIA. CONCRETE
DISCHARGE–299 CFS
VELOCITY–14.93 FPS
VELOCITY HEAD–1.98 FT



Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

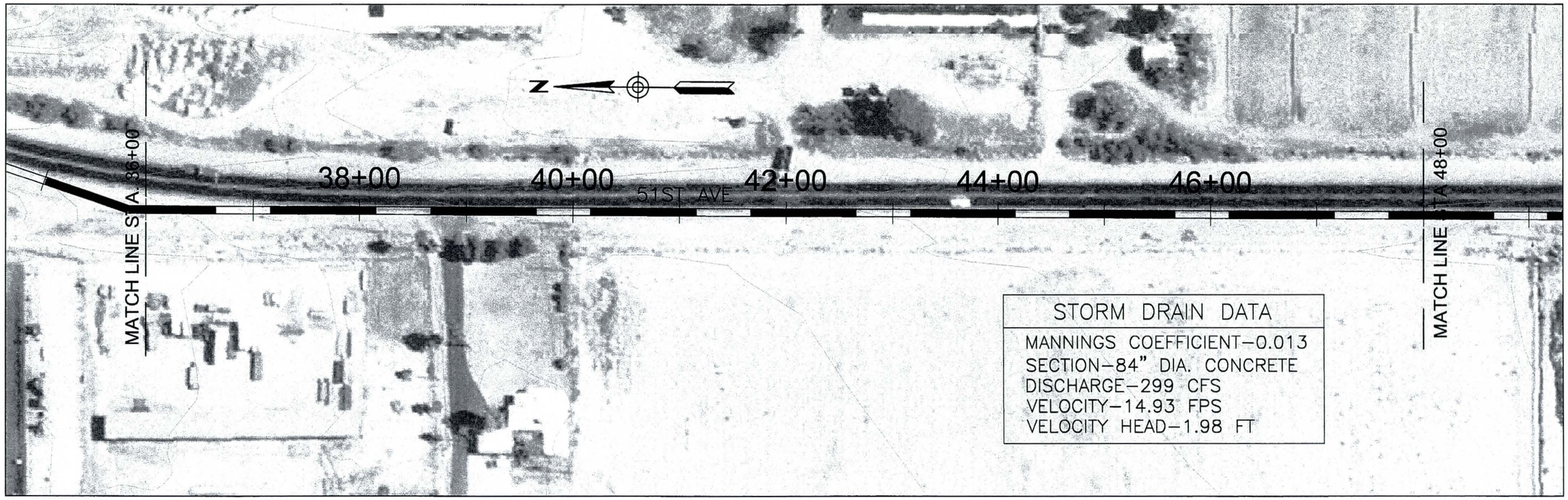
PREPARED BY:
HDR
HDR Engineering, Inc.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

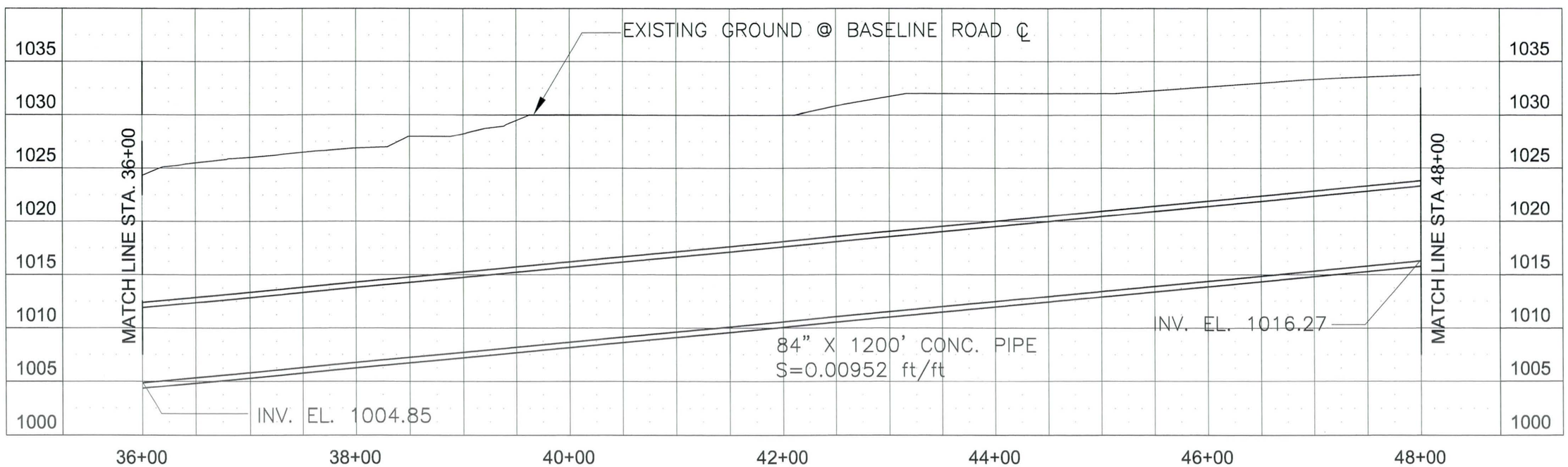
PLAN AND PROFILE
51ST AVE REACH
STA.24+00 TO STA.36+00

DRAWING NAME
P-3



STORM DRAIN DATA

MANNINGS COEFFICIENT–0.013
SECTION–84" DIA. CONCRETE
DISCHARGE–299 CFS
VELOCITY–14.93 FPS
VELOCITY HEAD–1.98 FT



Rev	Date	Description	By

Issue Certification

Job No.
Designed DRS
Drawn MDH
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

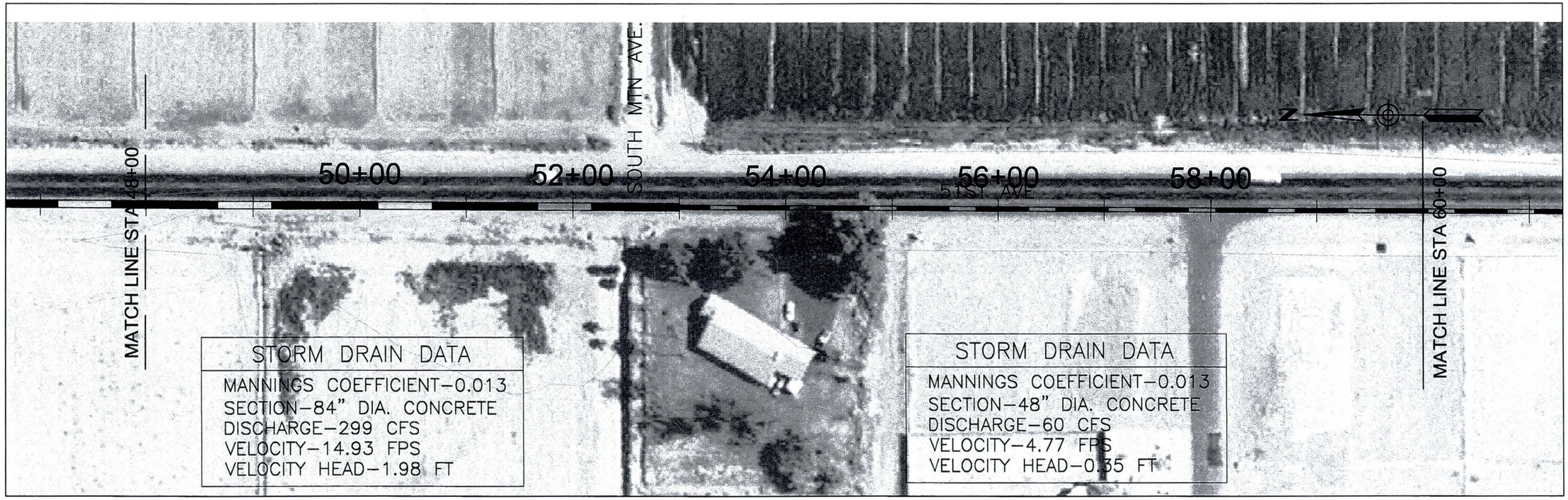
PREPARED BY:
HDR
HDR Engineering, Inc.

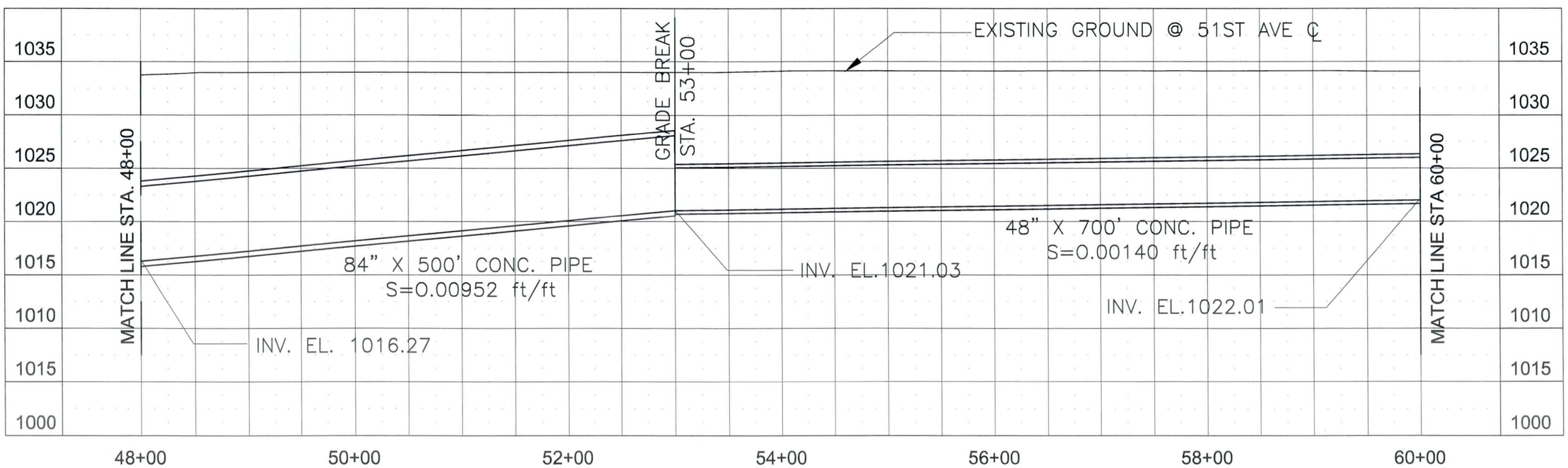
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
51ST AVE REACH
STA 36+00 TO STA 48+00

DRAWING NAME
P-4





Rev	Date	Description	By

Issue Certification

Job No. MDH
Designed DRS
Drawn DWB
Checked DWB
Reviewed
Approved
Reg. No.
Plot Date

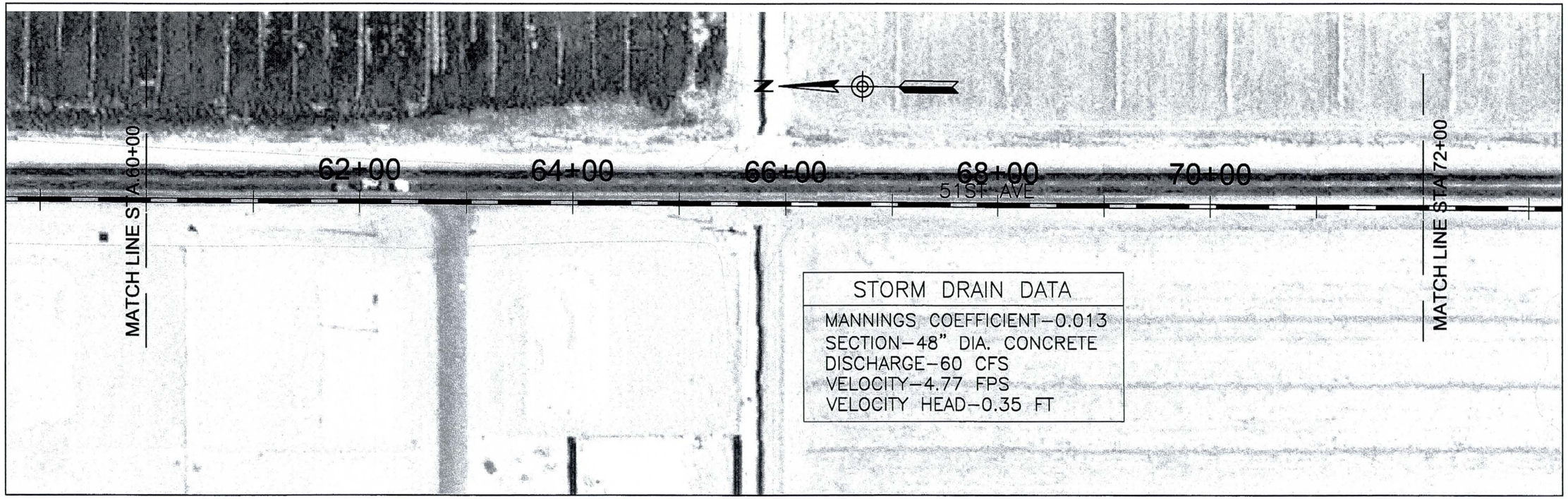
PREPARED BY:
HDR
HDR Engineering, Inc.

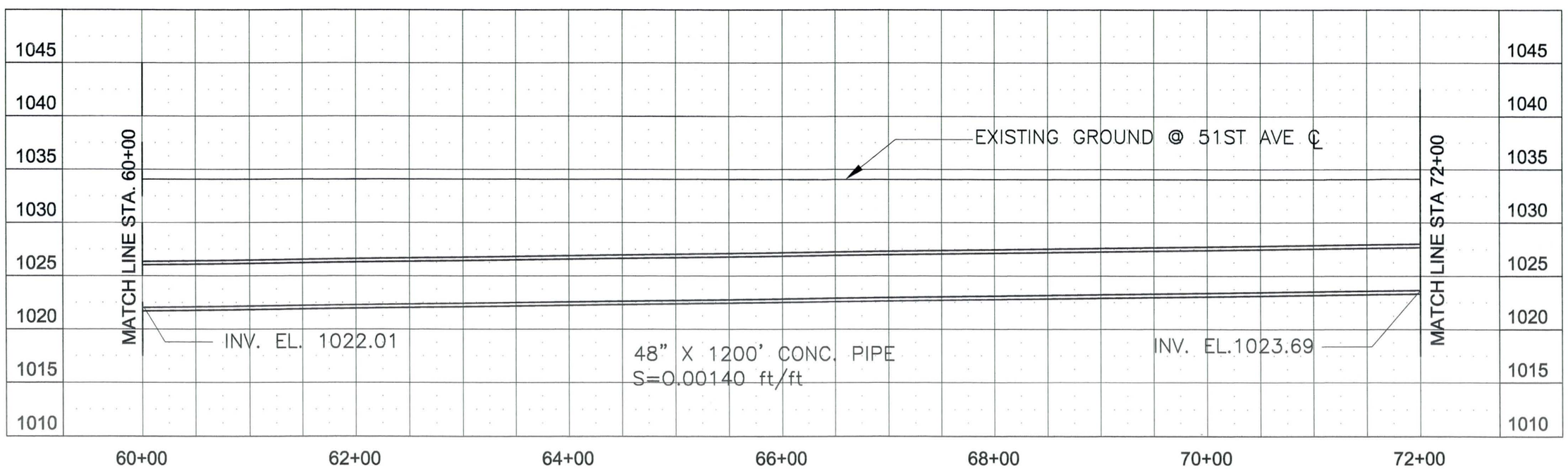
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
51ST AVE REACH
STA 48+00 TO STA 60+00

DRAWING NAME
P-5





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

HDR Engineering, Inc.

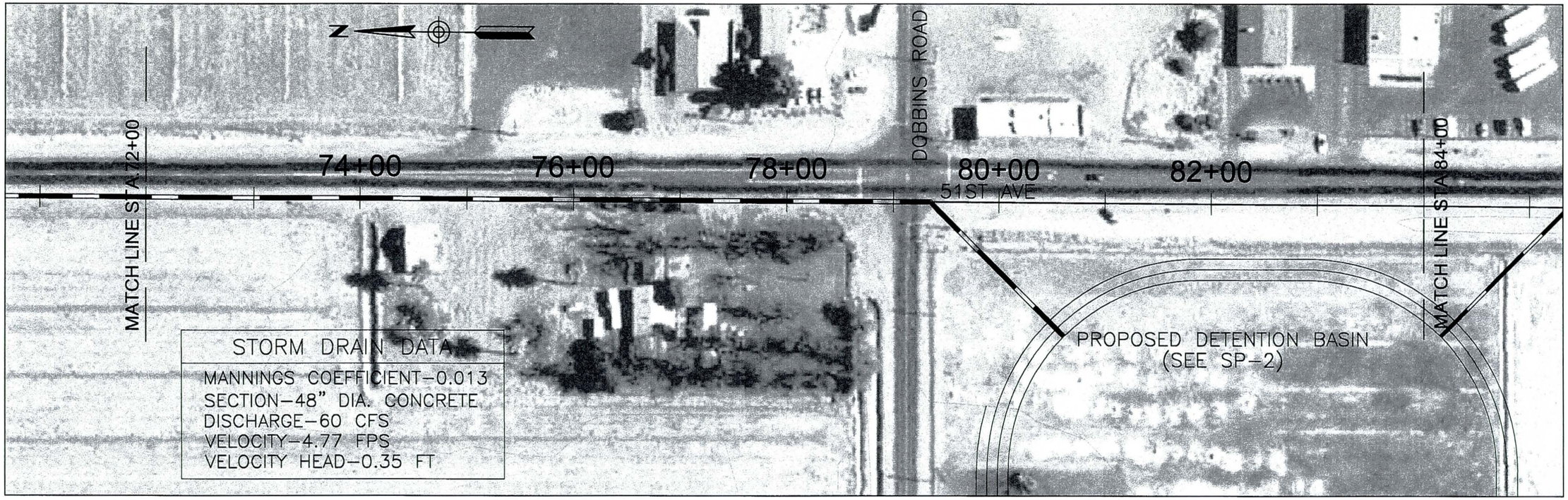
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
51ST AVE REACH
STA 60+00 TO STA 72+00

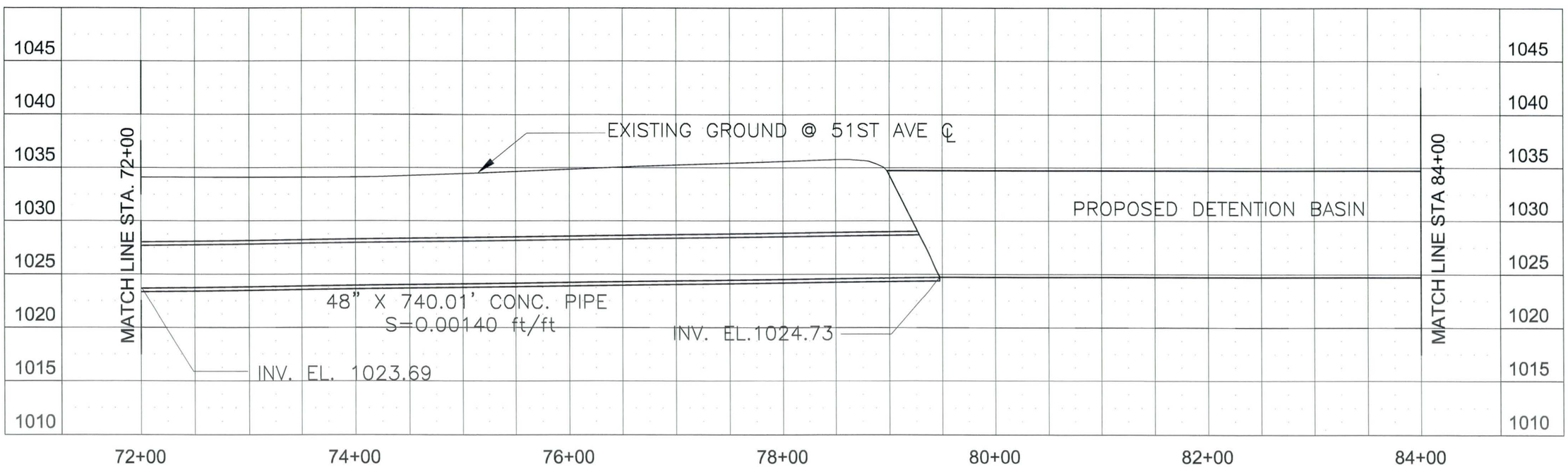
DRAWING NAME

P-6



STORM DRAIN DATA

MANNINGS COEFFICIENT–0.013
SECTION–48" DIA. CONCRETE
DISCHARGE–60 CFS
VELOCITY–4.77 FPS
VELOCITY HEAD–0.35 FT



Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

HDR Engineering, Inc.

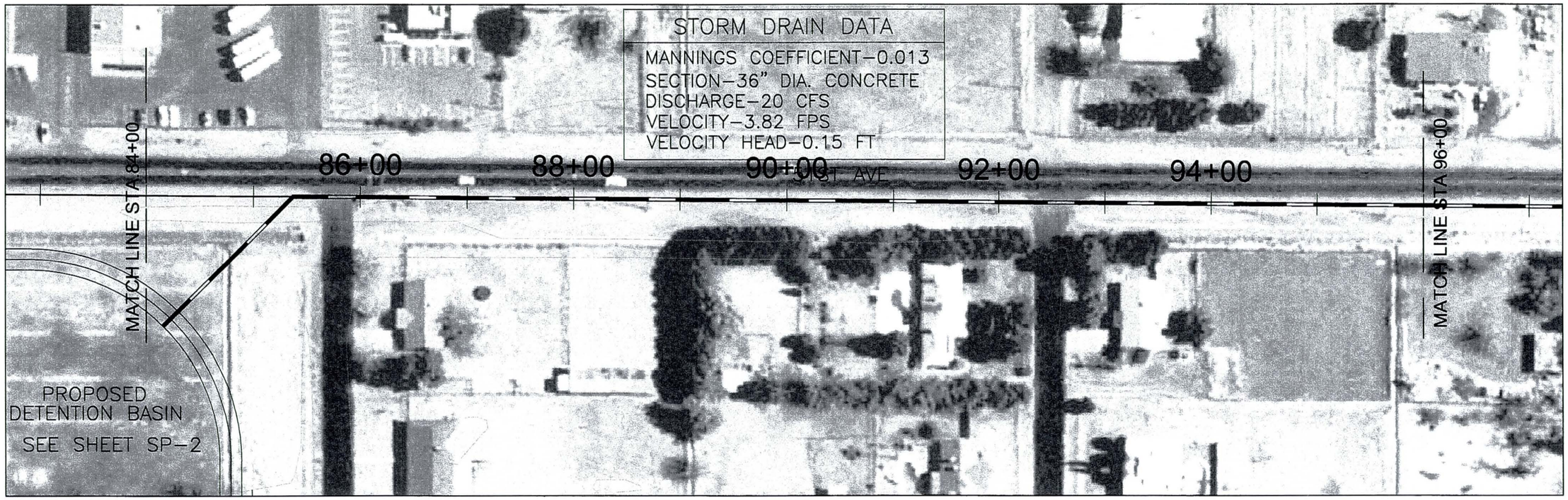
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

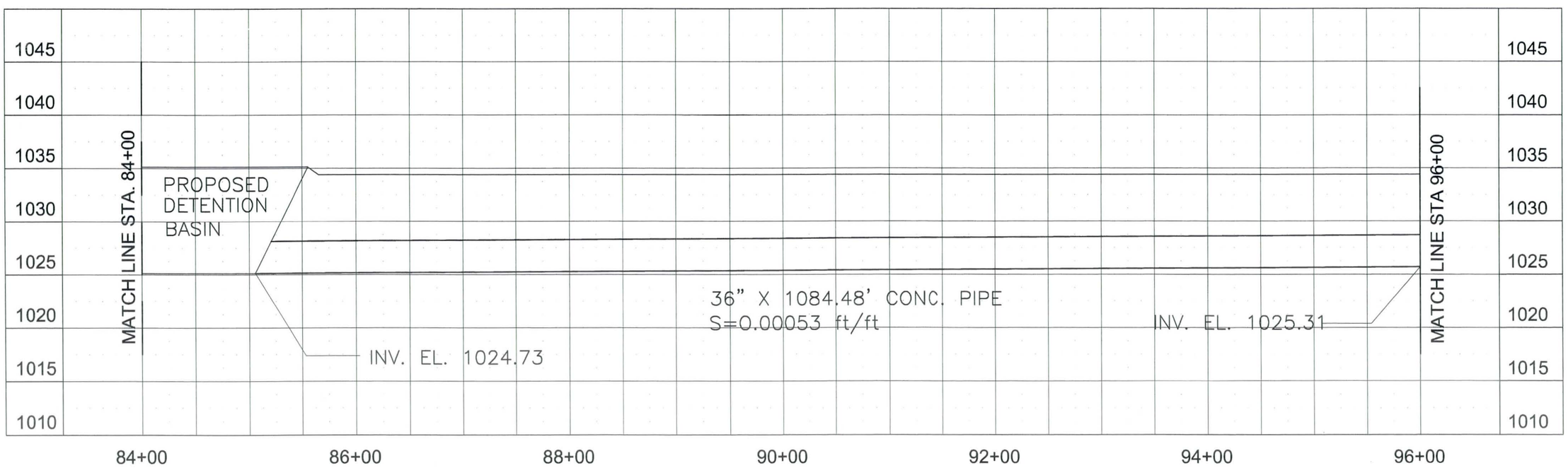
LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
51ST AVE REACH
STA 72+00 TO STA 84+00

DRAWING NAME

P-7





Rev	Date	Description	By

Issue Certification

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

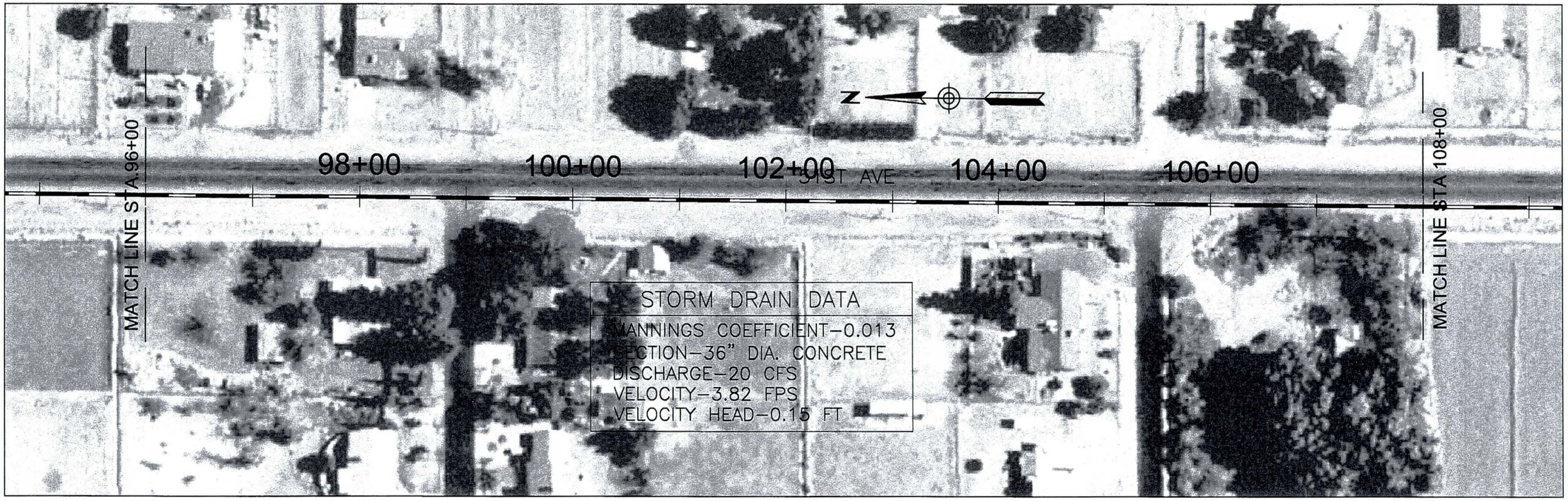
PREPARED BY:
HDR
HDR Engineering, Inc.

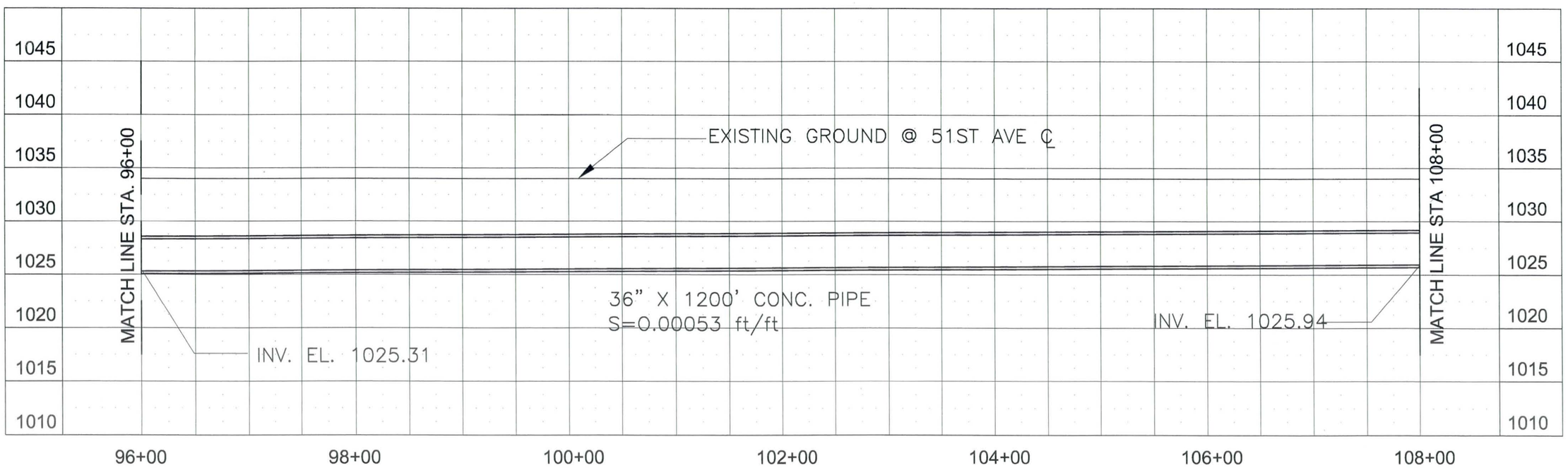
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
STA 84+00 TO STA 96+00

DRAWING NAME
P-8





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

HDR Engineering, Inc.

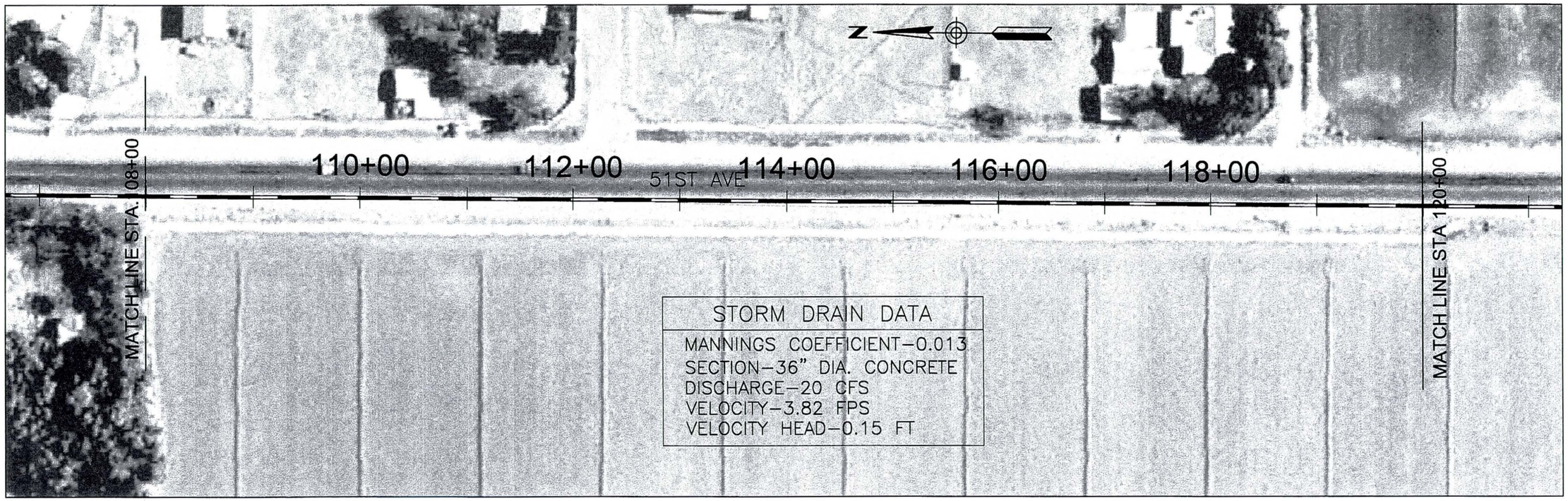
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

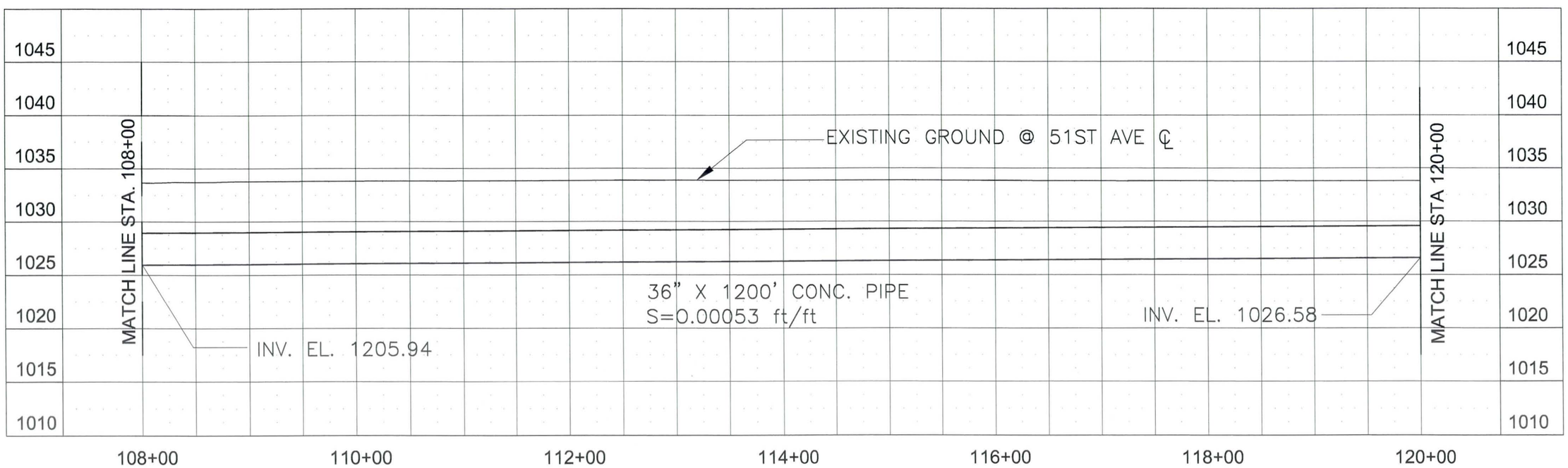
LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
51ST AVE REACH
STA 96+00 TO STA 108+00

DRAWING NAME

P-9





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

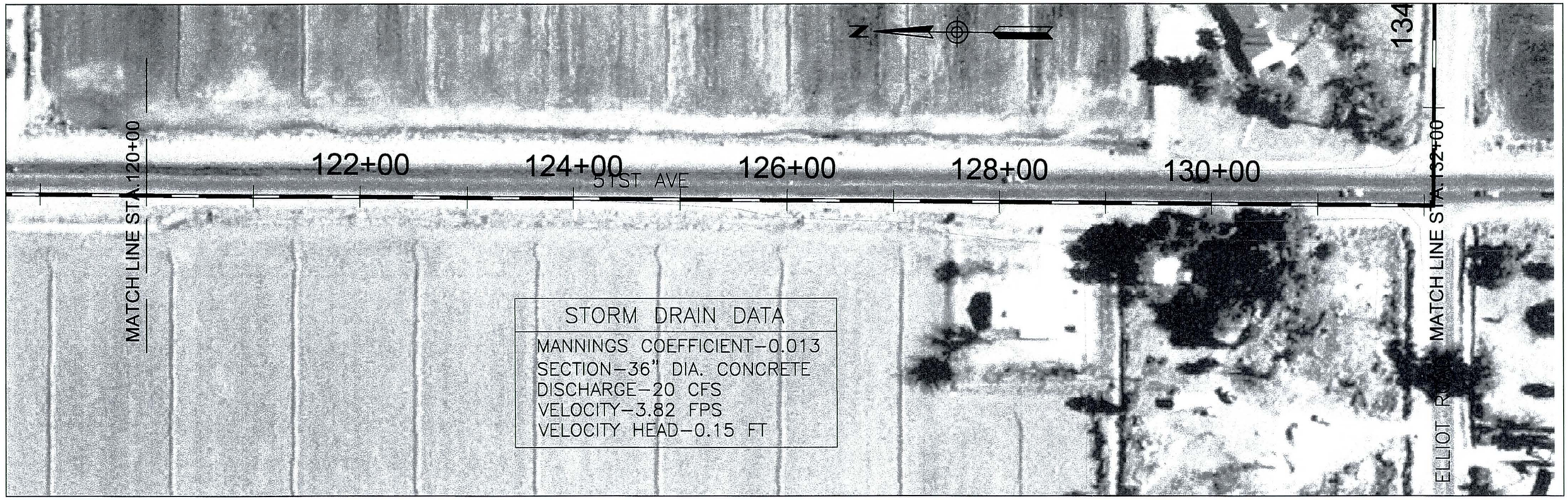
HDR Engineering, Inc.

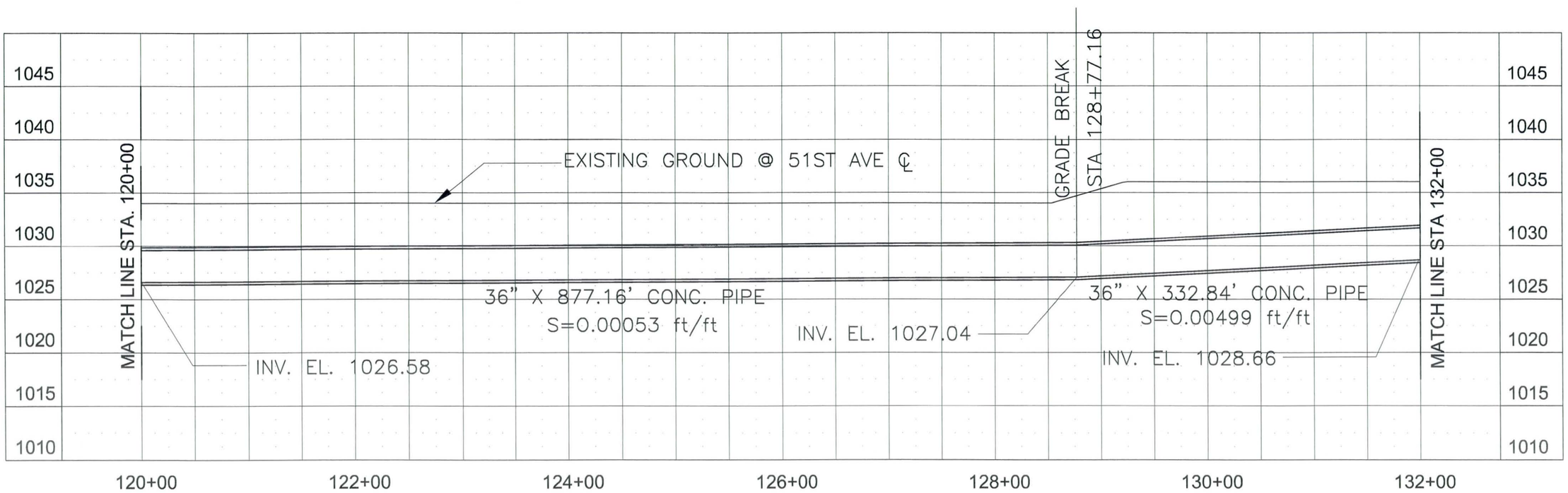
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
51ST AVE REACH
STA 108+00 TO STA 120+00

DRAWING NAME
P-10





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

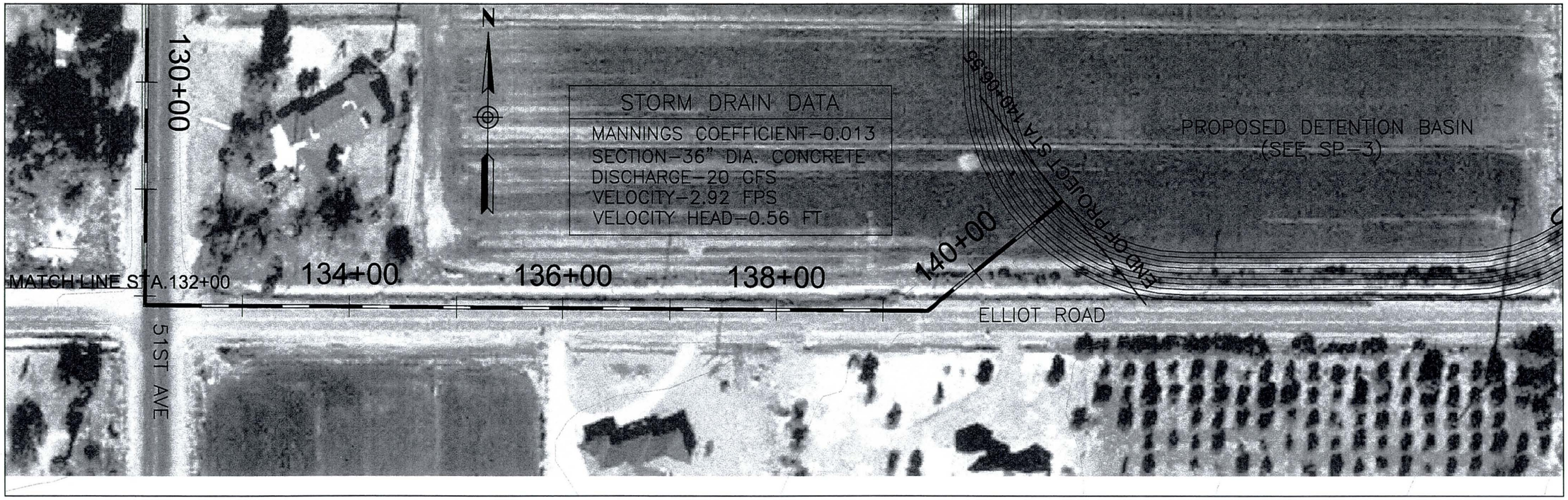
HDR Engineering, Inc.

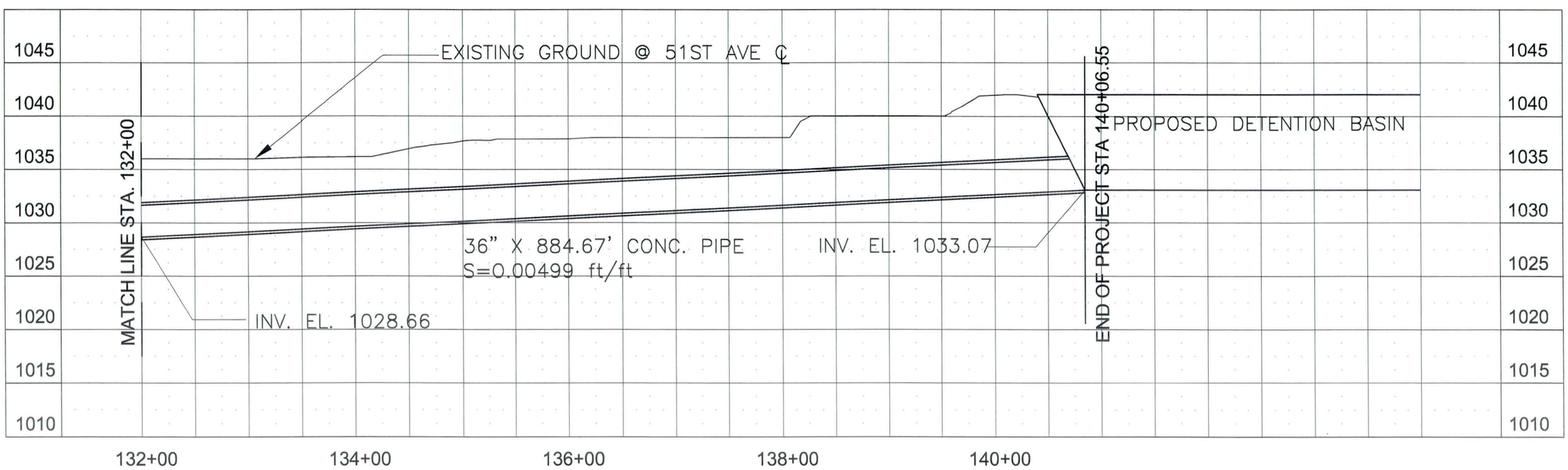
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
51ST AVE REACH
STA 120+00 TO STA 132+00

DRAWING NAME
P-11





Rev	Date	Description	By

Issue Certification

Job No.
Designed MDH
Drawn DKS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

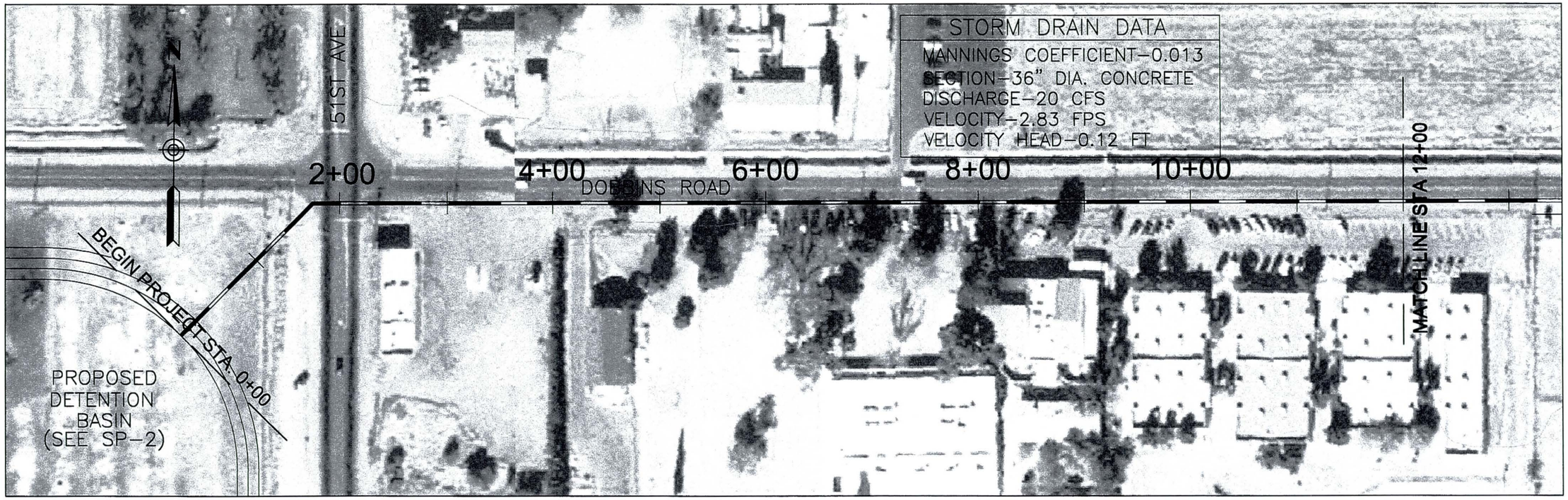
PREPARED BY:
HDR
HDR Engineering, Inc.

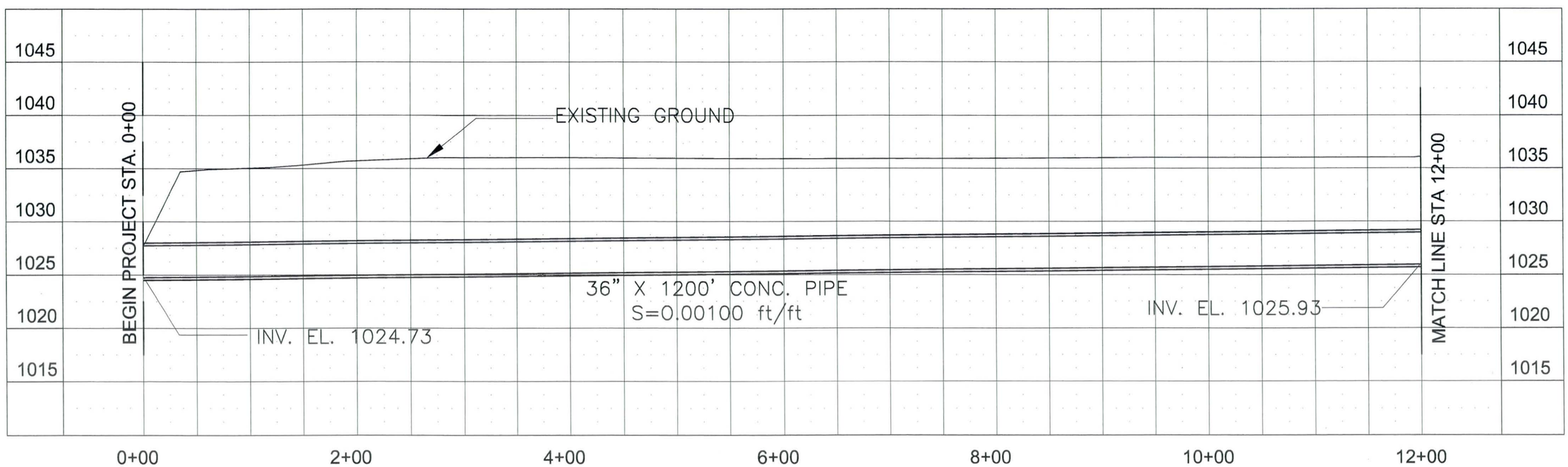
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
51ST AVE REACH
STA 132+00 TO STA 140+06.55

DRAWING NAME
P-12





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

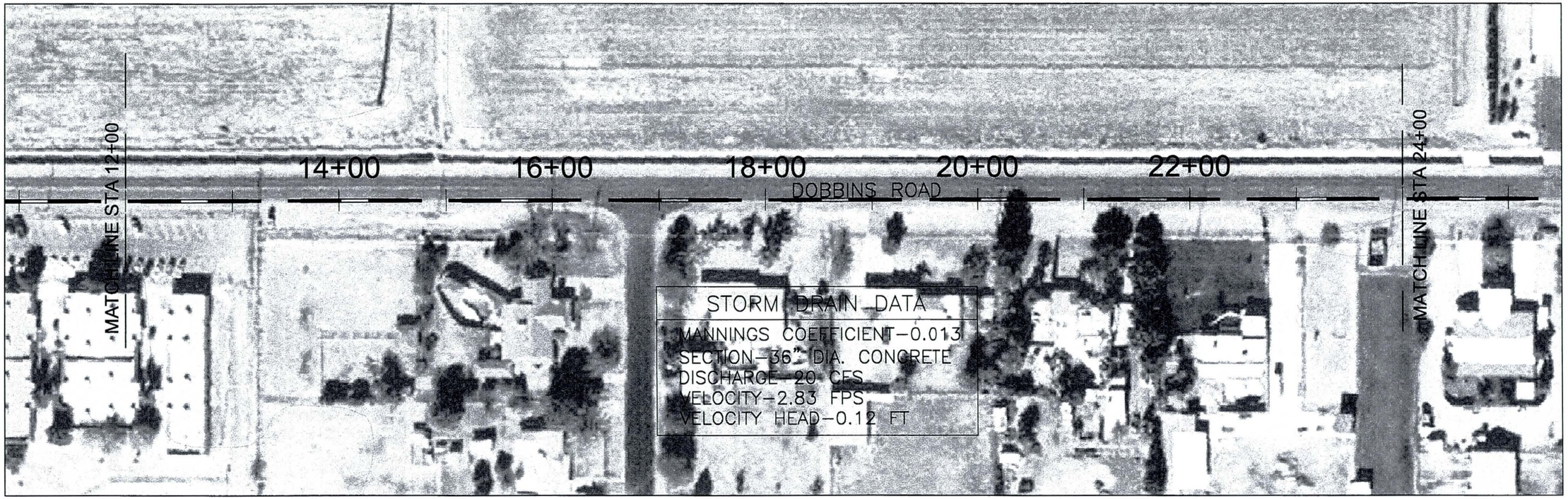
PREPARED BY:
HDR
HDR Engineering, Inc.

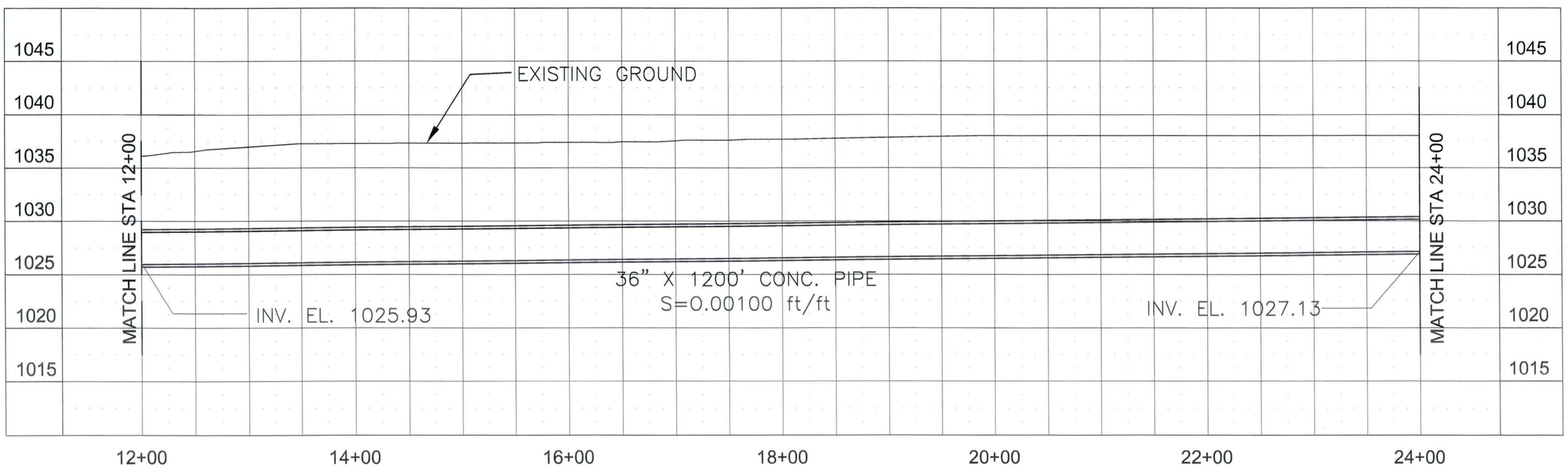
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
DOBBINS ROAD REACH
STA 0+00 TO STA 12+00

DRAWING NAME
P-13





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

HDR Engineering, Inc.

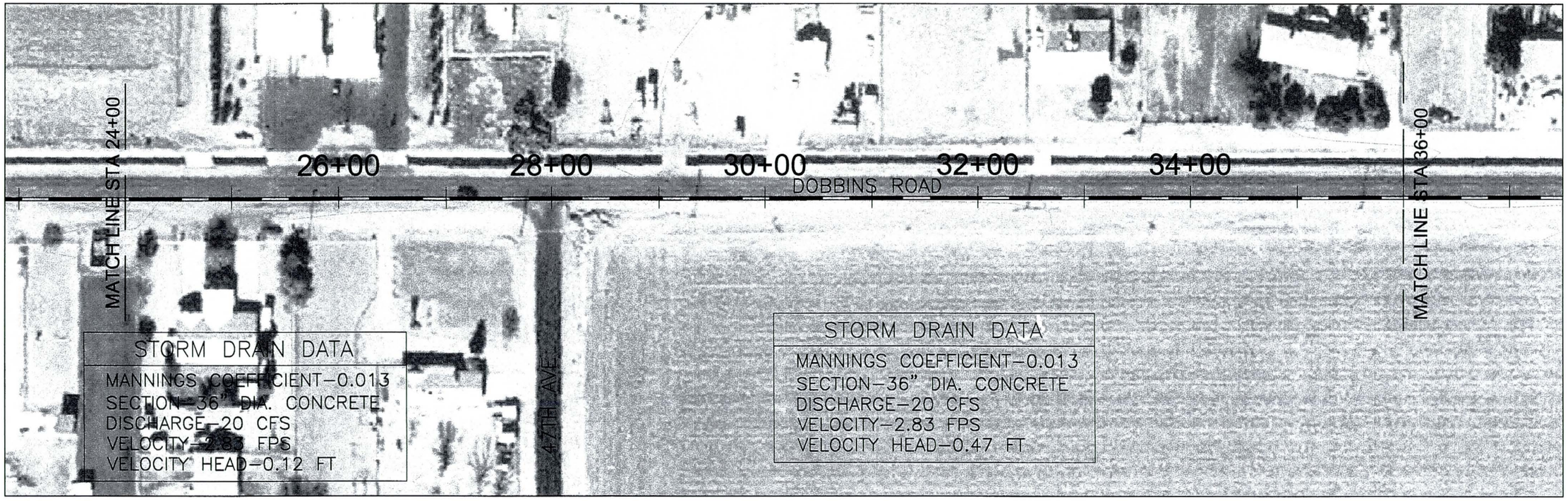
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

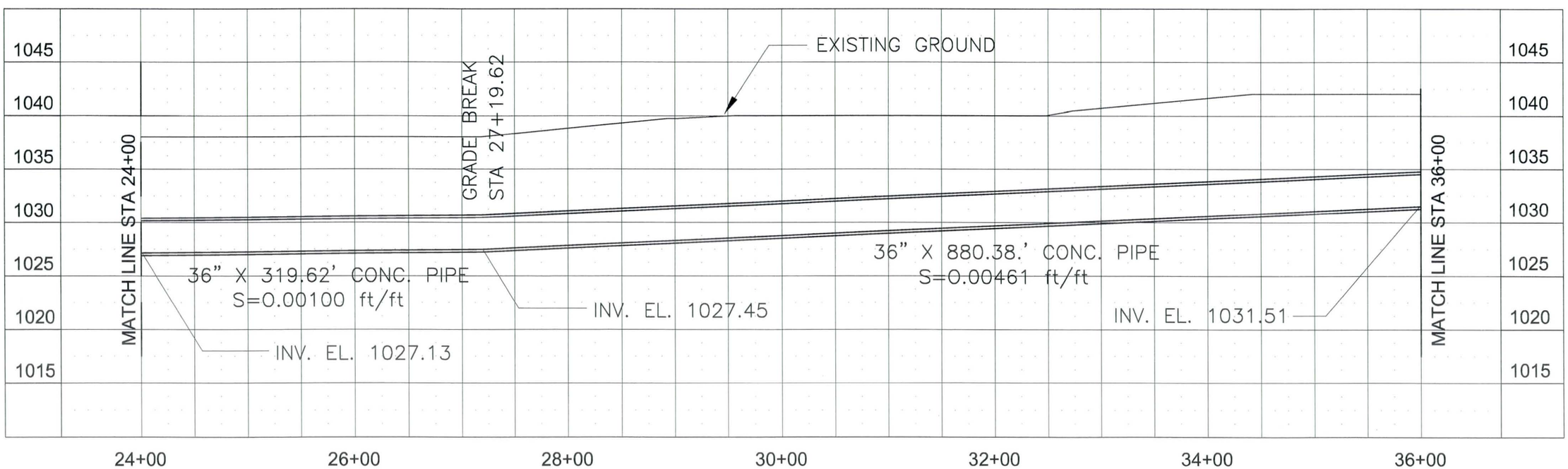
LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
DOBBINS ROAD REACH
STA 12+00 TO STA 24+00

DRAWING NAME

P-14





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

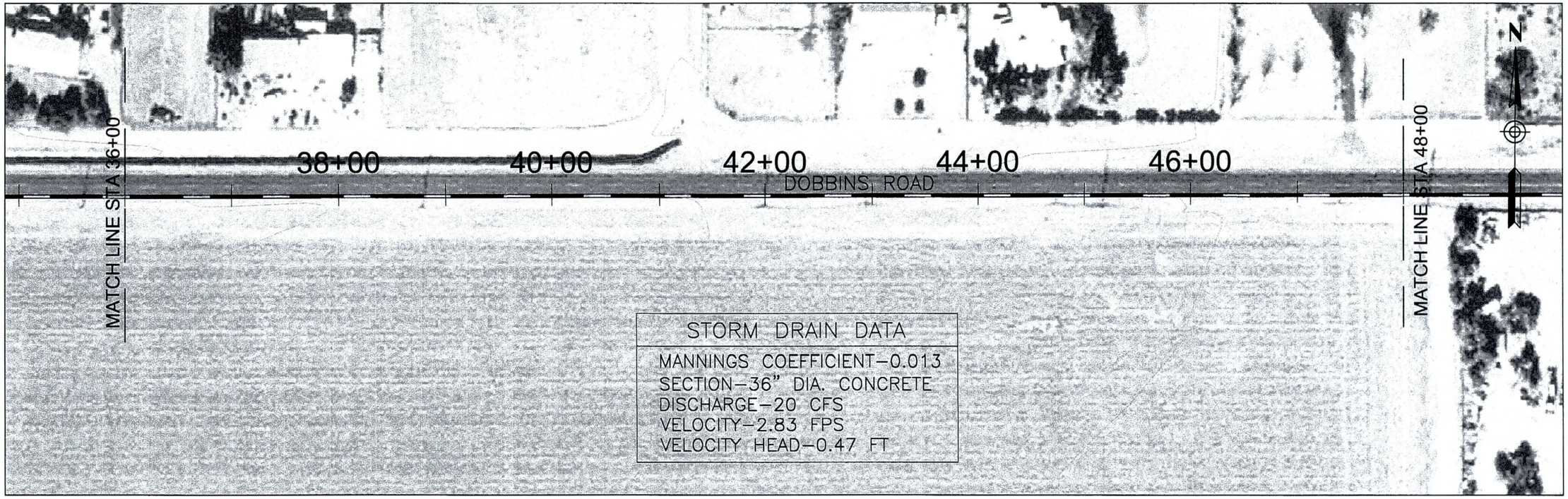
PREPARED BY:
HDR
HDR Engineering, Inc.

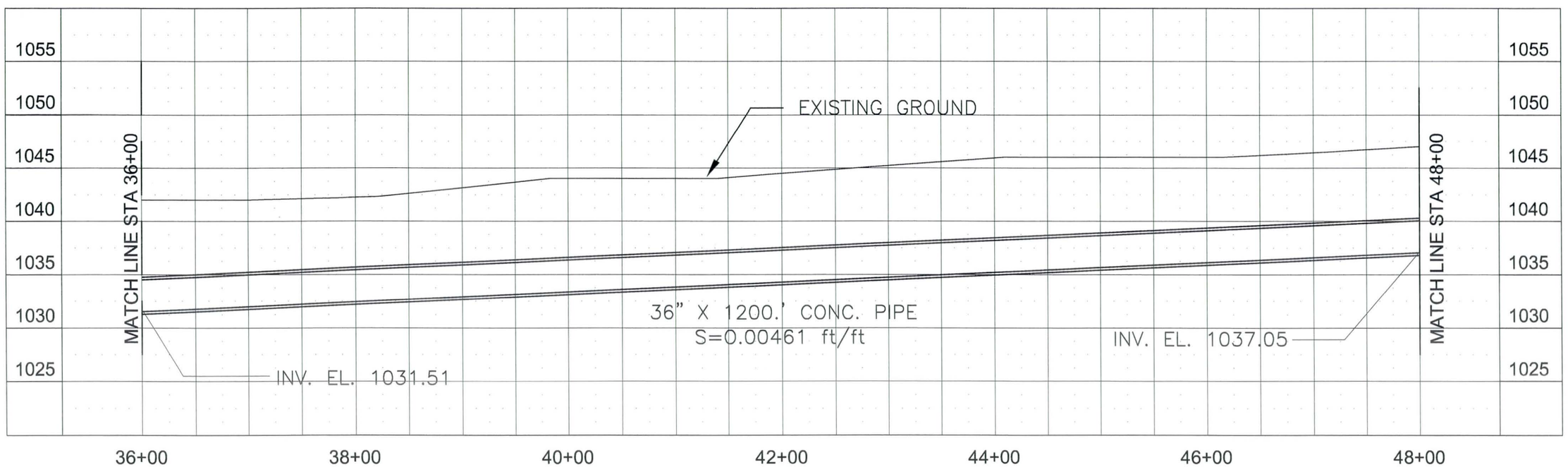
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
DOBBINS ROAD REACH
STA 24+00 TO STA 36+00

DRAWING NAME
P-15





Rev	Date	Description	By

Issue Certification

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

PREPARED BY:

HDR

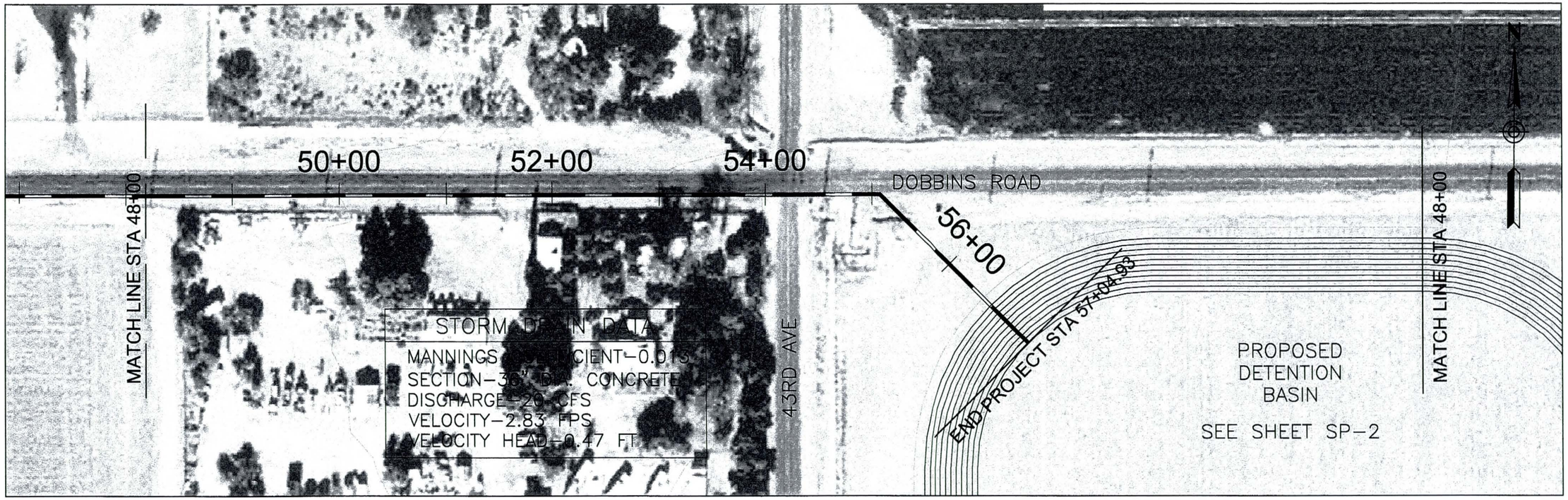
HDR Engineering, Inc.

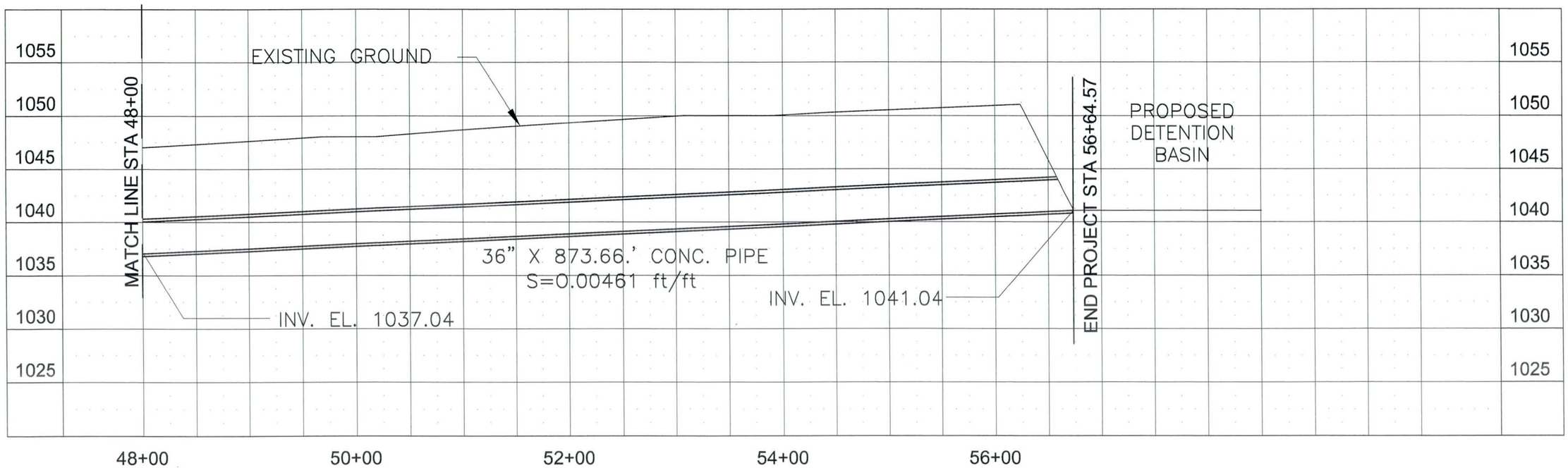
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
DOBBINS ROAD REACH
STA 36+00 TO STA 48+00

DRAWING NAME
P-16





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

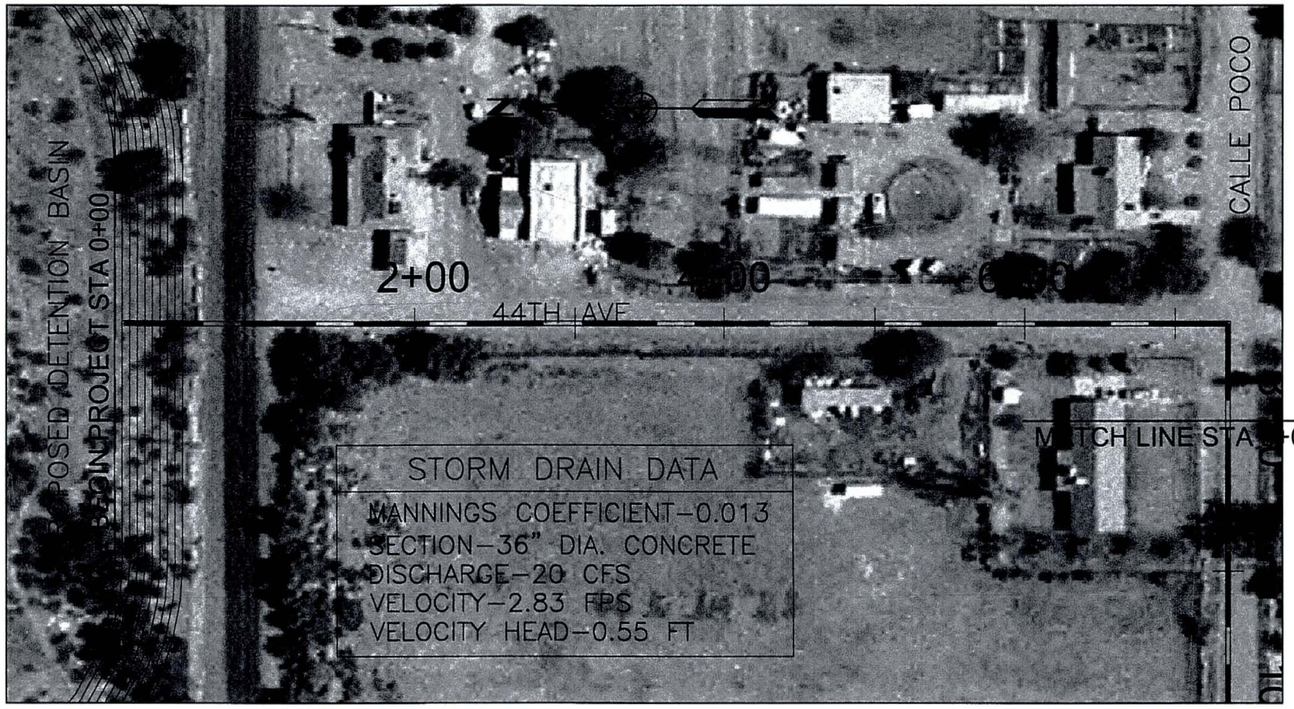
PREPARED BY:
HDR
HDR Engineering, Inc.

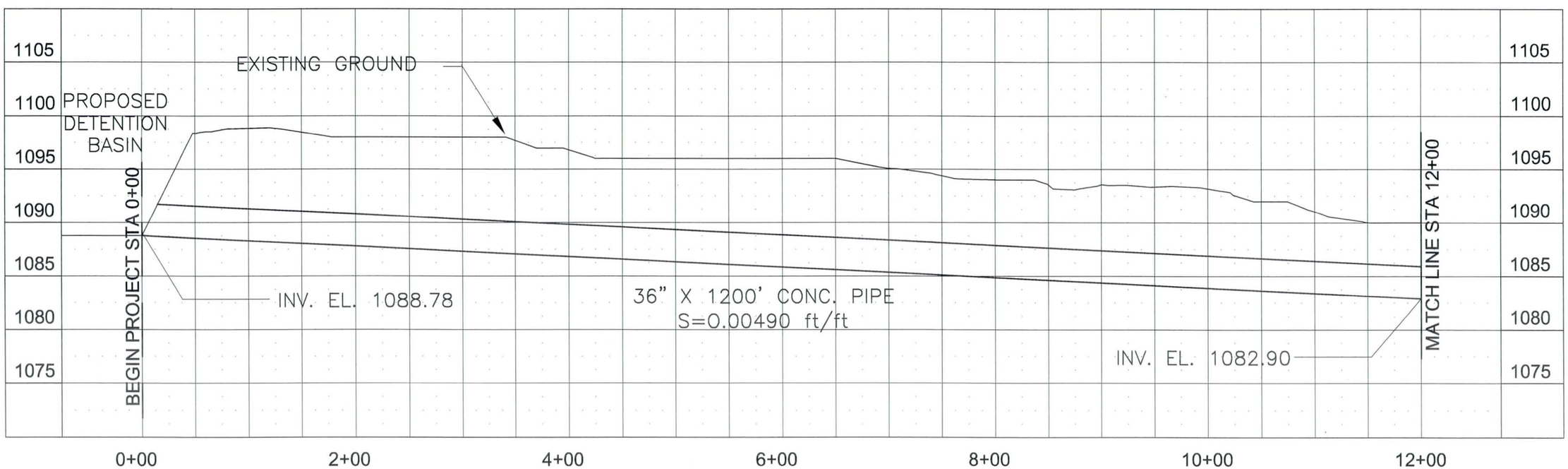
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
DOBBINS ROAD REACH
STA 48+00 TO STA 57+04.93

DRAWING NAME
P-17





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

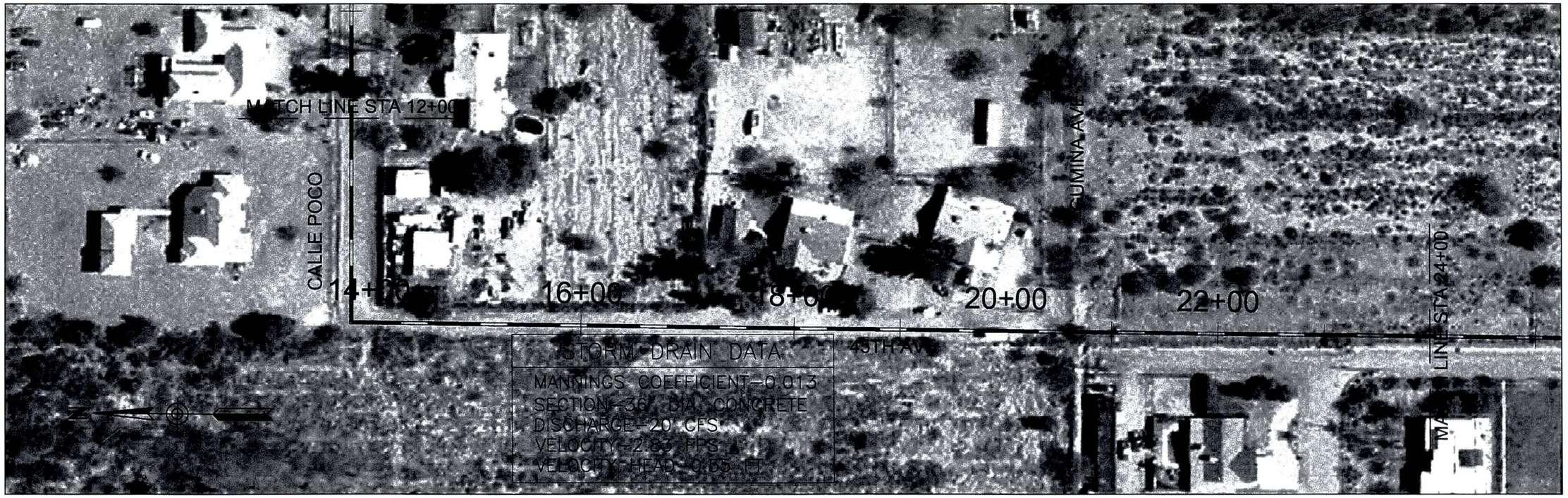
HDR Engineering, Inc.

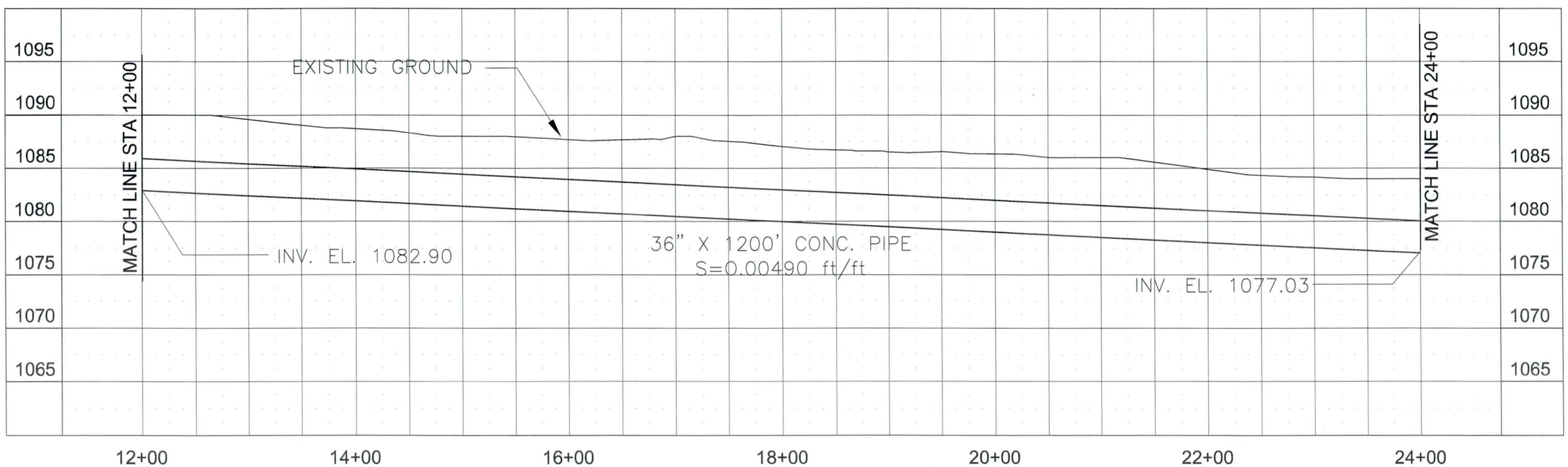
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
CARVER HILLS REACH
STA 0+00 TO STA 12+00

DRAWING NAME
P-18





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

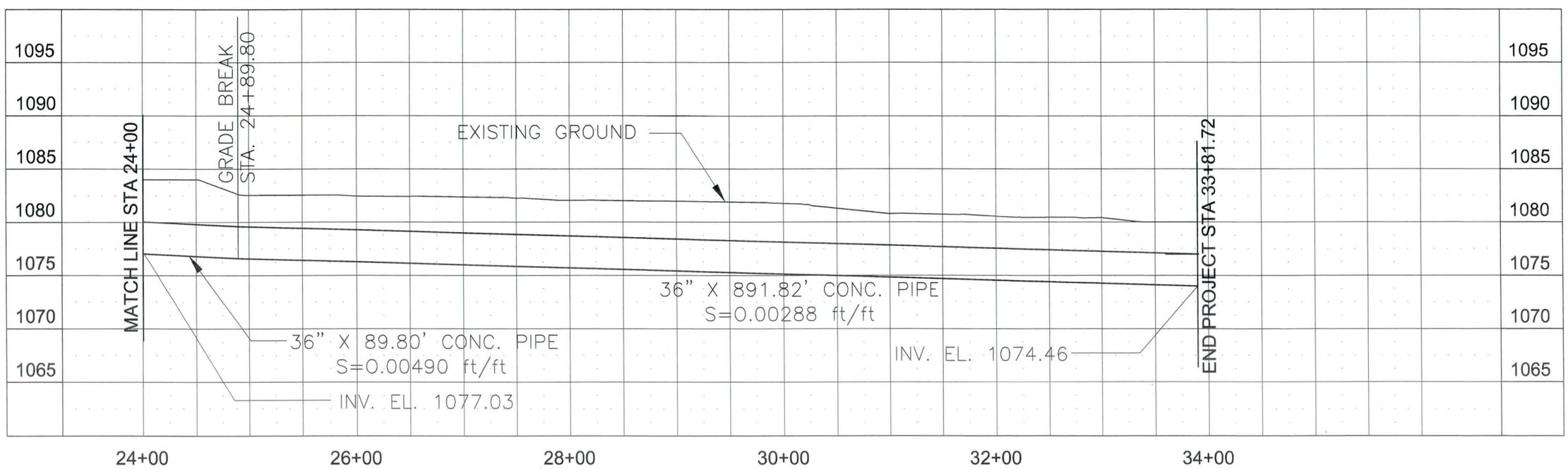
PREPARED BY:
HDR
HDR Engineering, Inc.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
CARVER HILLS REACH
STA 12+00 TO STA 24+00

DRAWING NAME
P-19



Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

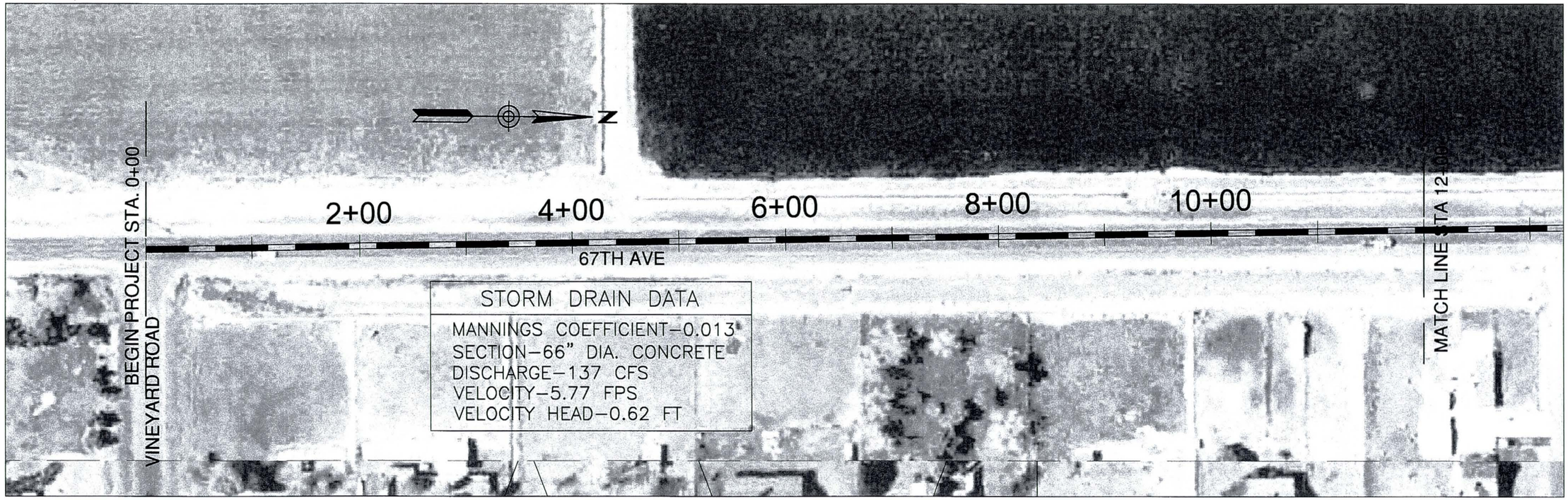
HDR Engineering, Inc.

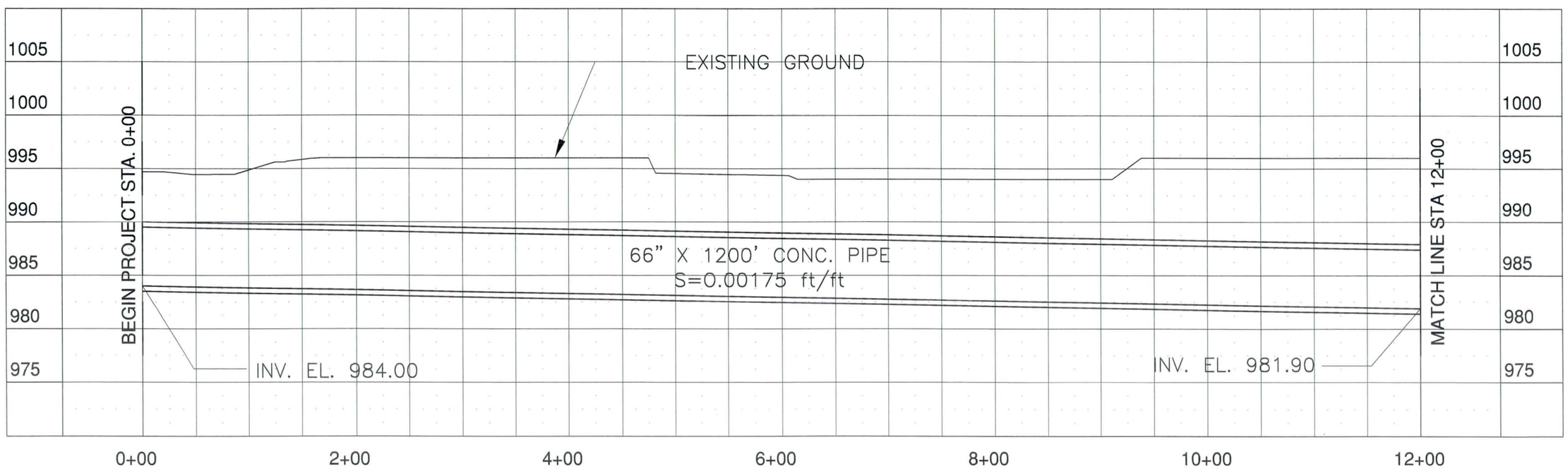
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
CARVER HILLS REACH
STA 24+00 TO STA 33+81.72

DRAWING NAME
P-20





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

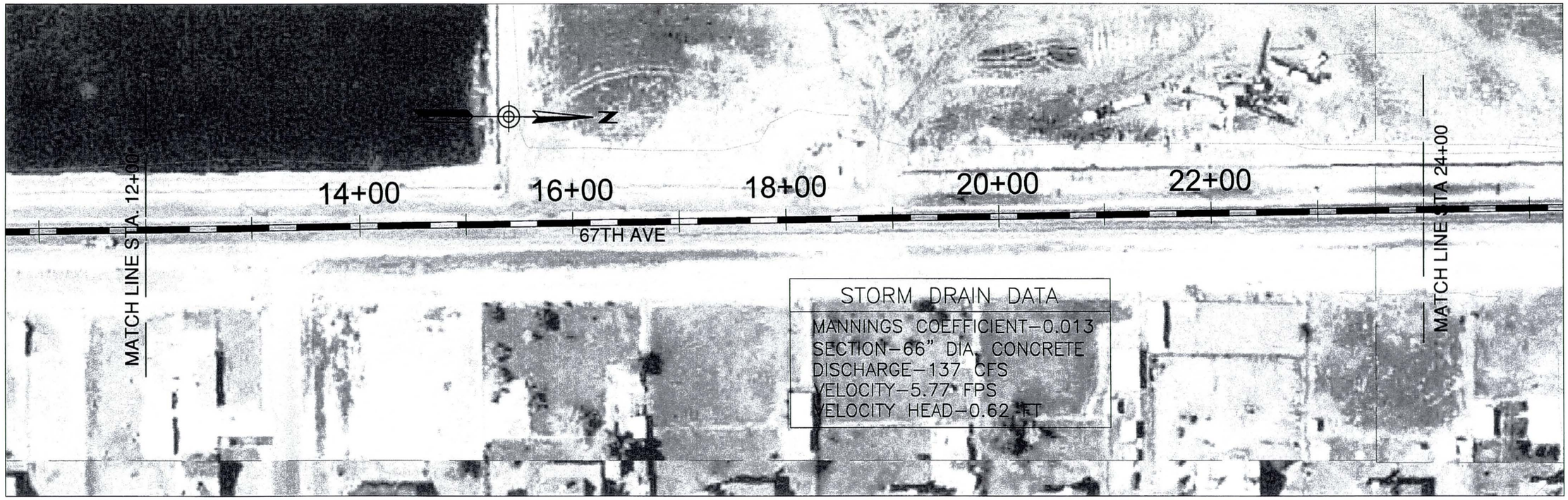
HDR Engineering, Inc.

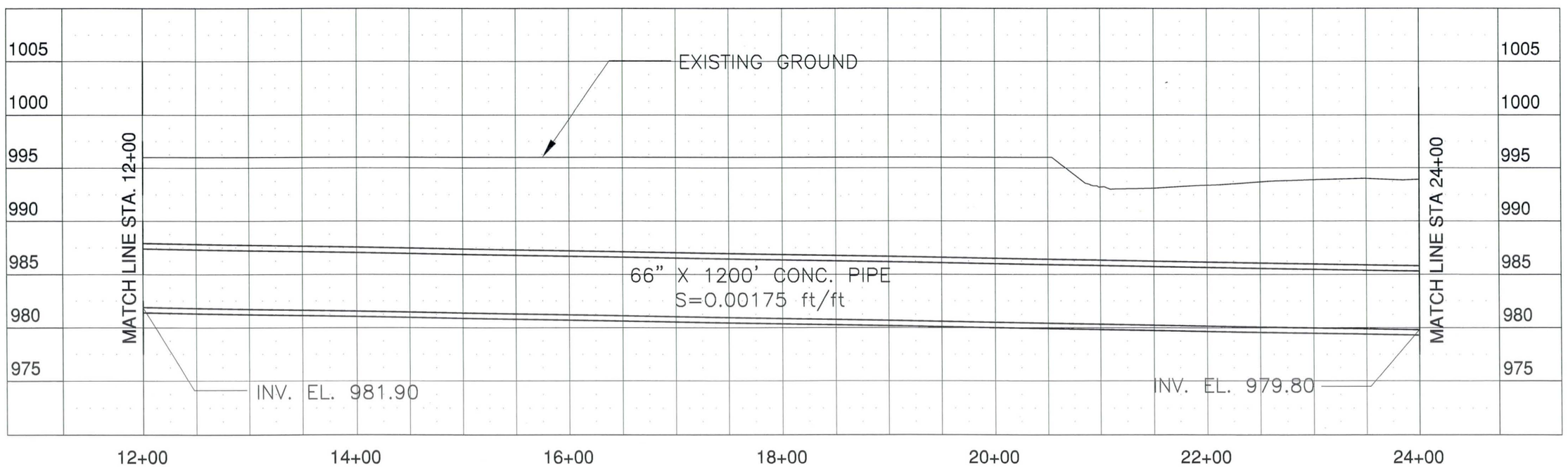
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
67TH AVE PIPELINE
STA 0+00 TO STA 12+00

DRAWING NAME
P-21





Rev.	Date	Description	By

Issue Certification

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

PREPARED BY:

HDR

HDR Engineering, Inc.

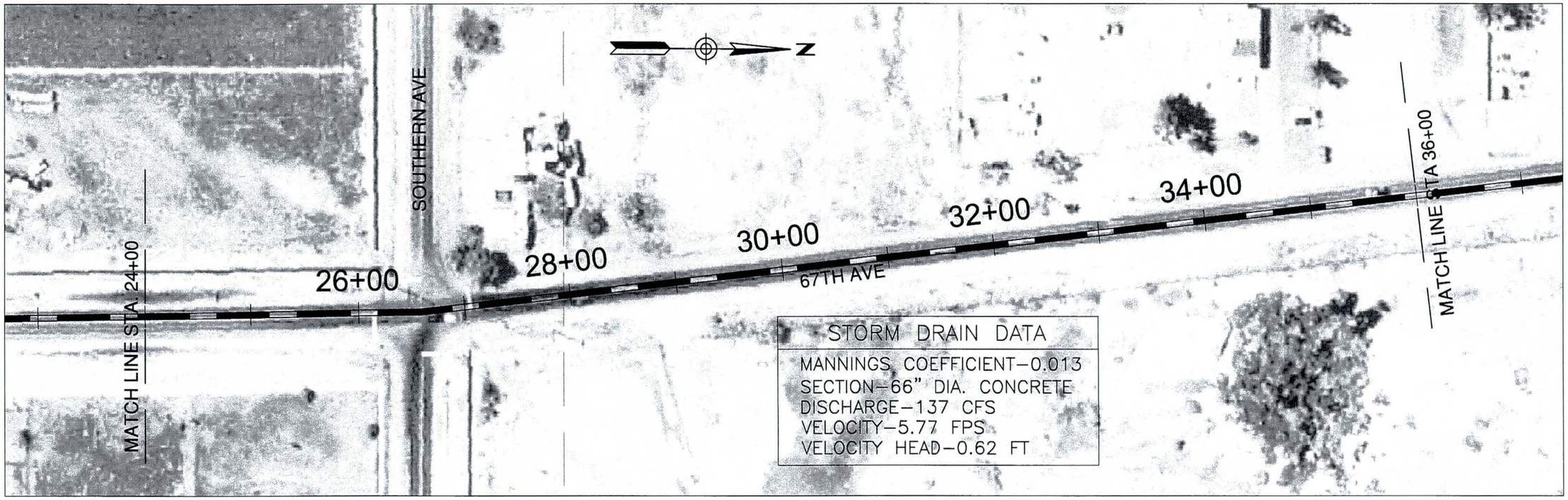
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

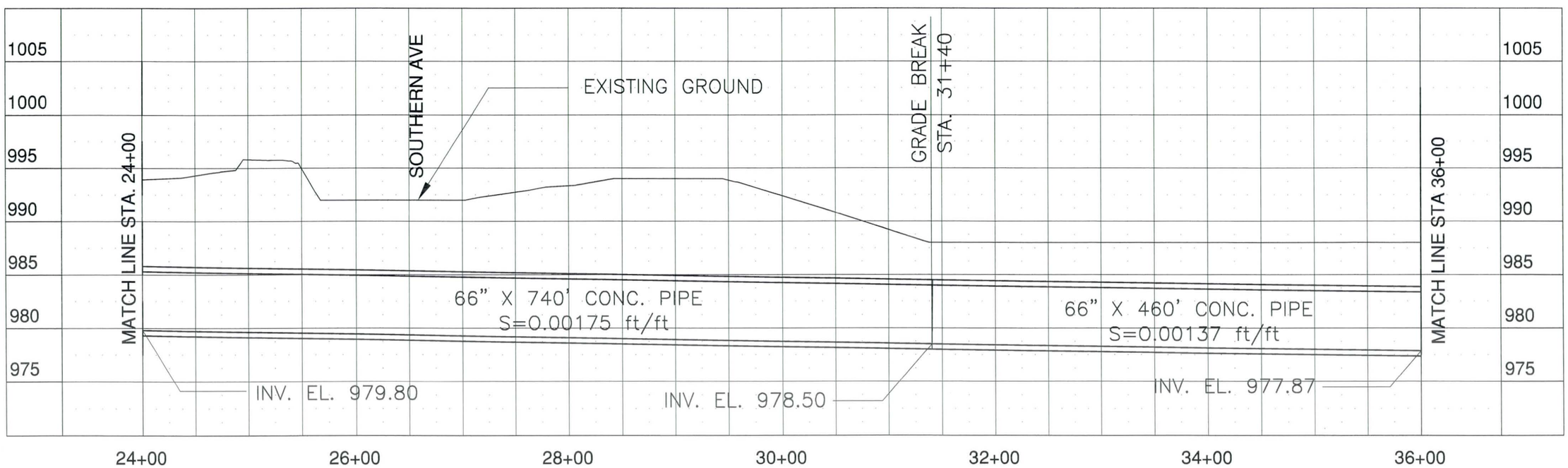
LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
67TH AVE PIPELINE
STA 12+00 TO STA 24+00

DRAWING NAME

P-22





Rev	Date	Description	By

Job No. MDH
Designed DRS
Drawn DWB
Checked DWB
Reviewed
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

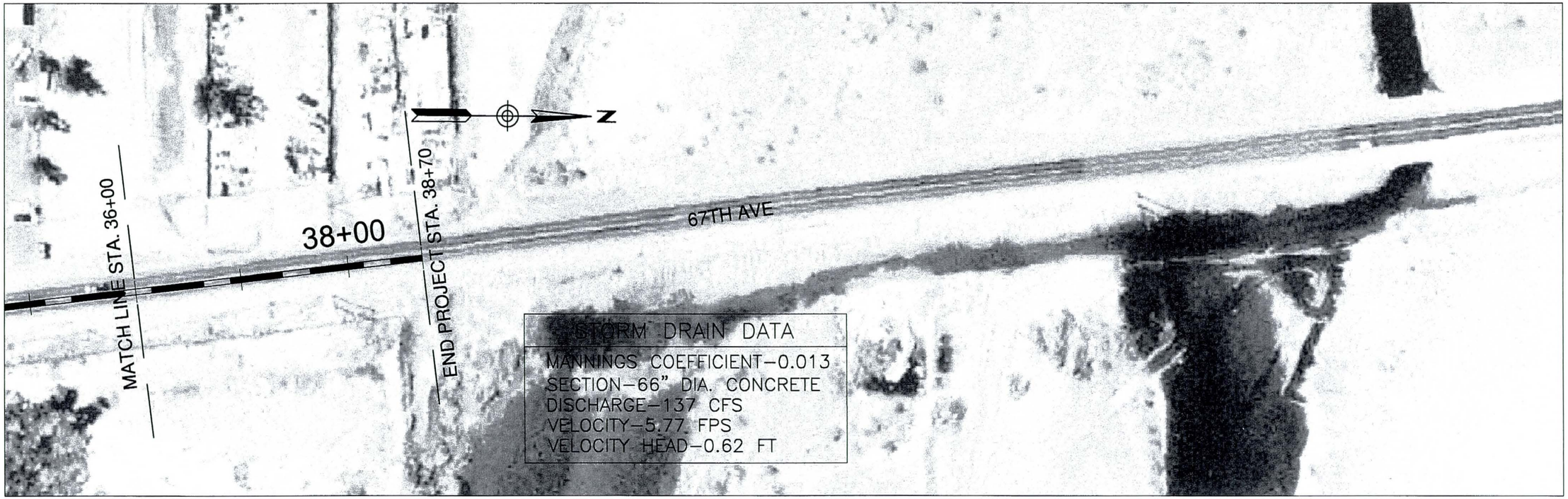
HDR Engineering, Inc.

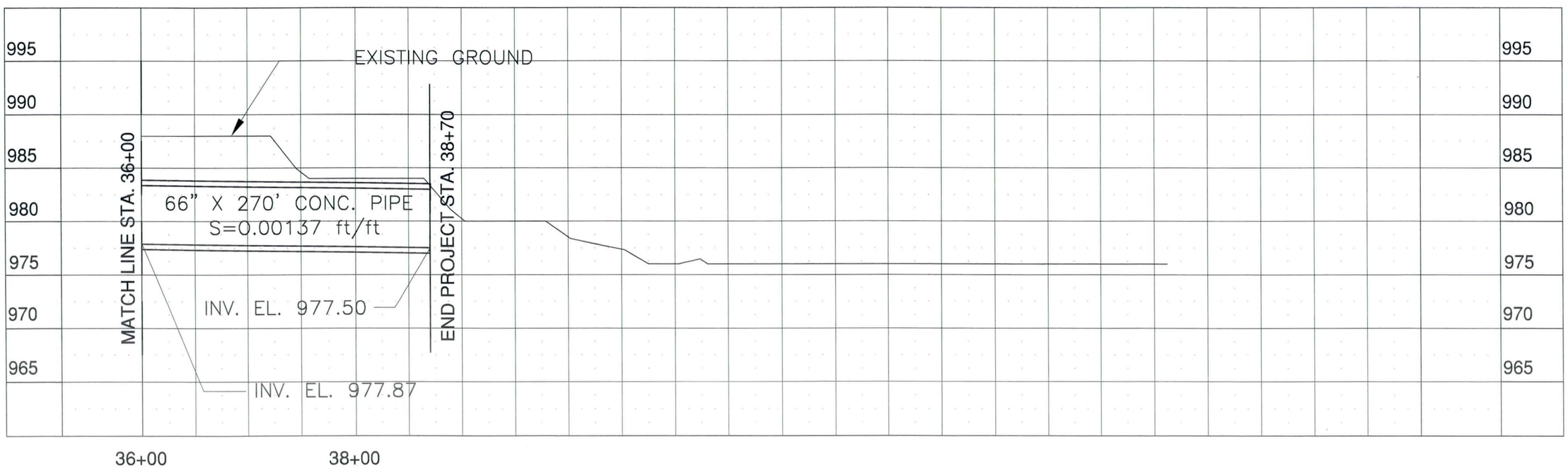
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
67TH AVE PIPELINE
STA 24+00 TO STA 36+00

DRAWING NAME
P-23





Rev	Date	Description	By

Issue Certification

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

PREPARED BY:

HDR

HDR Engineering, Inc.

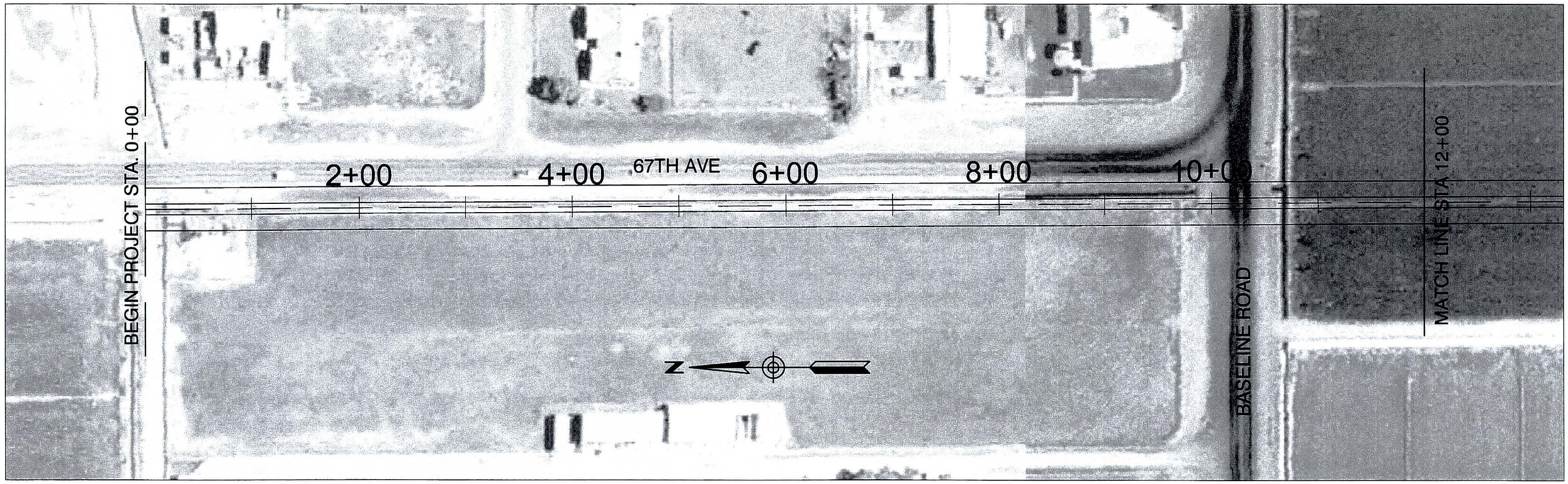
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

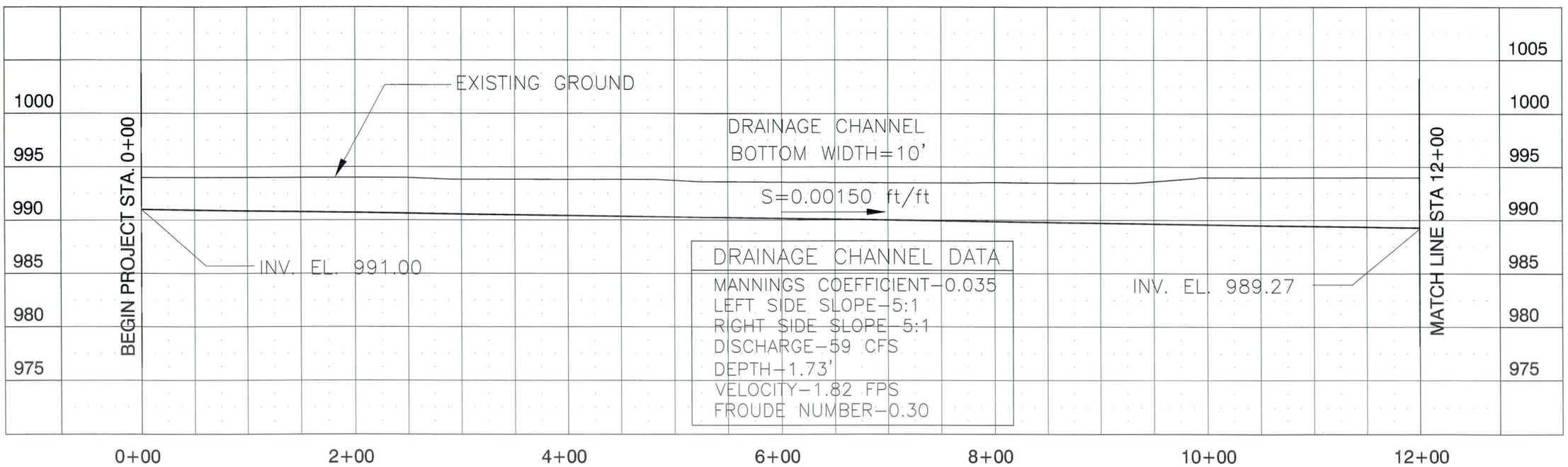
LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
67TH AVE PIPELINE
STA.36+00 TO STA.38+70

DRAWING NAME

P-24





Rev	Date	Description	By

Issue Certification

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

PREPARED BY:

HDR

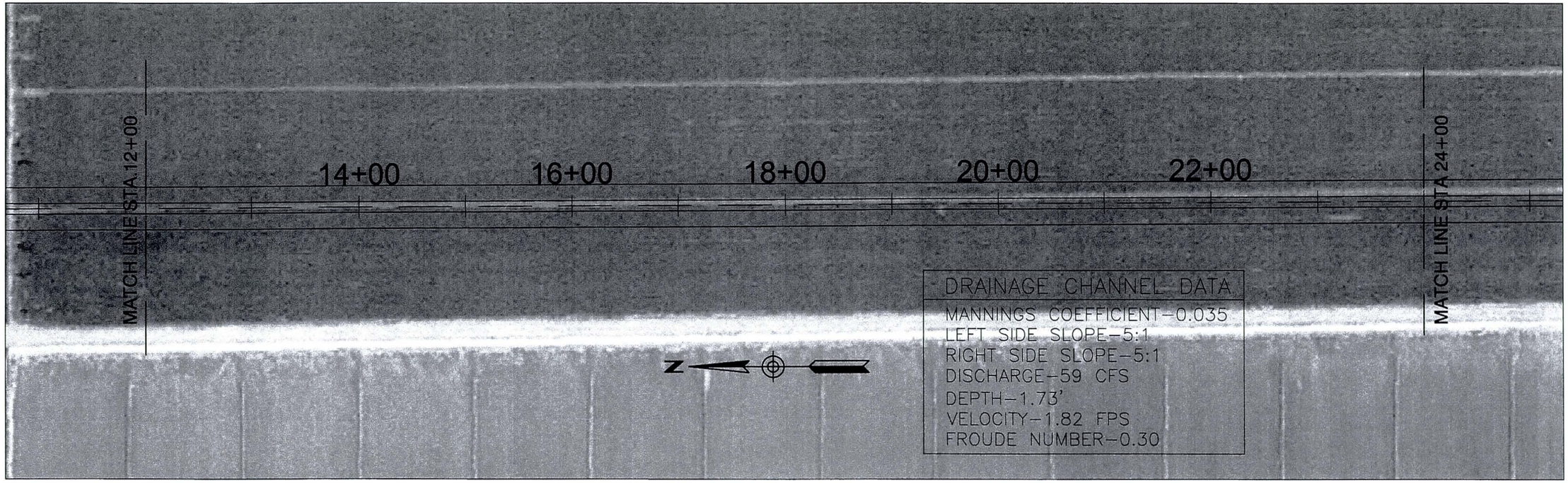
HDR Engineering, Inc.

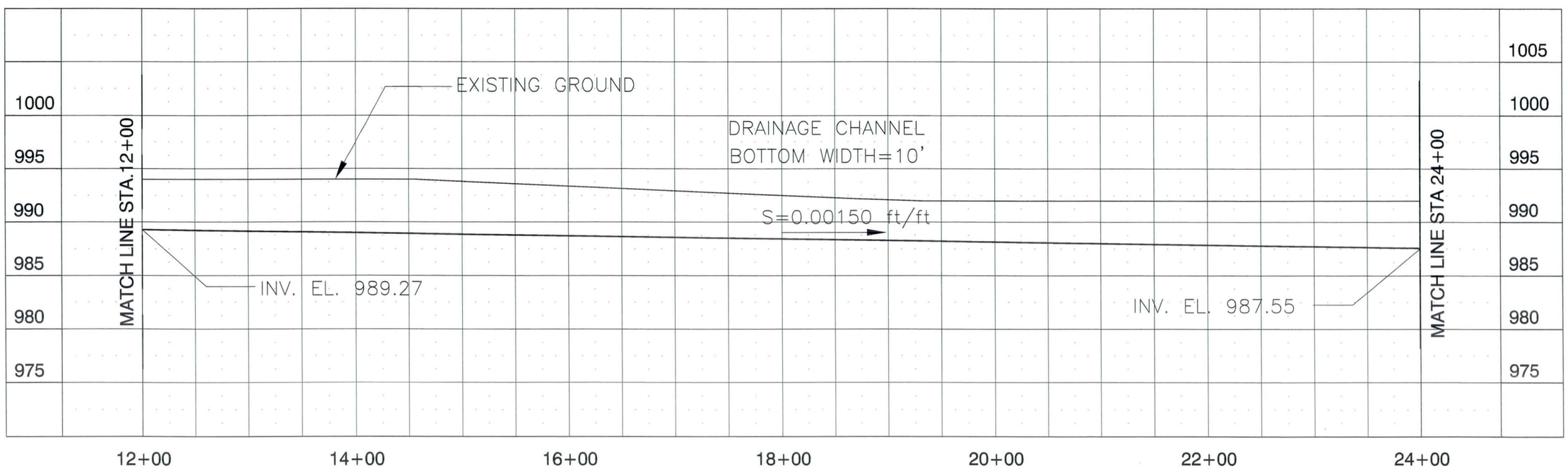
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
67TH AVE CHANNEL
STA 0+00 TO STA 12+00

DRAWING NAME
P-25





Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

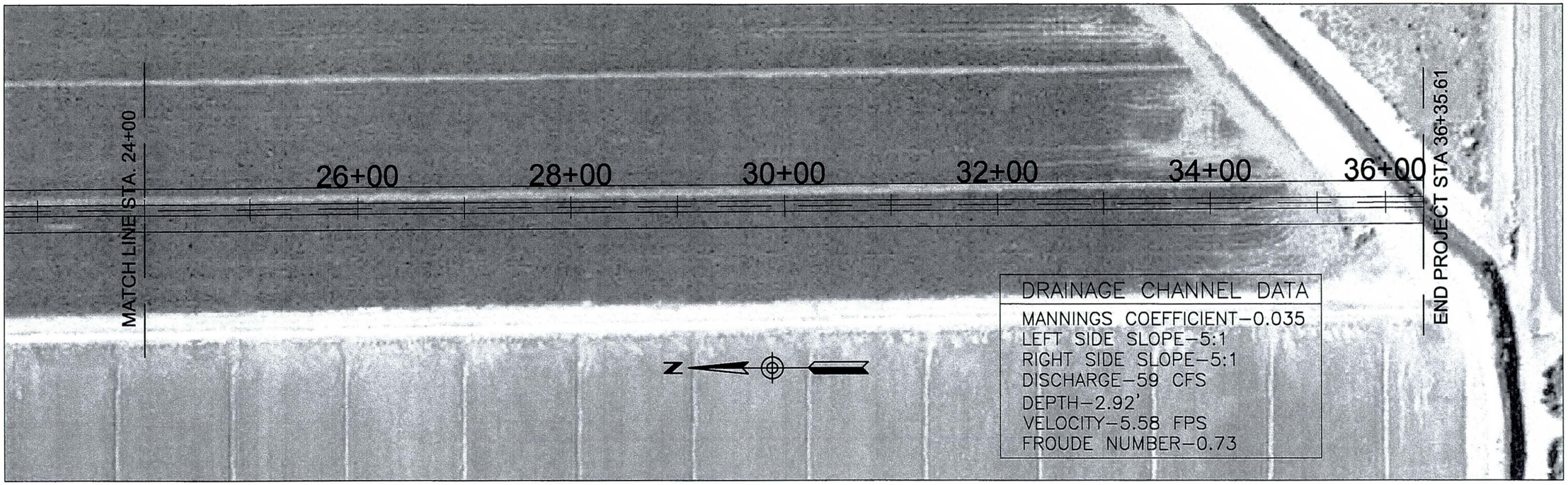
HDR Engineering, Inc.

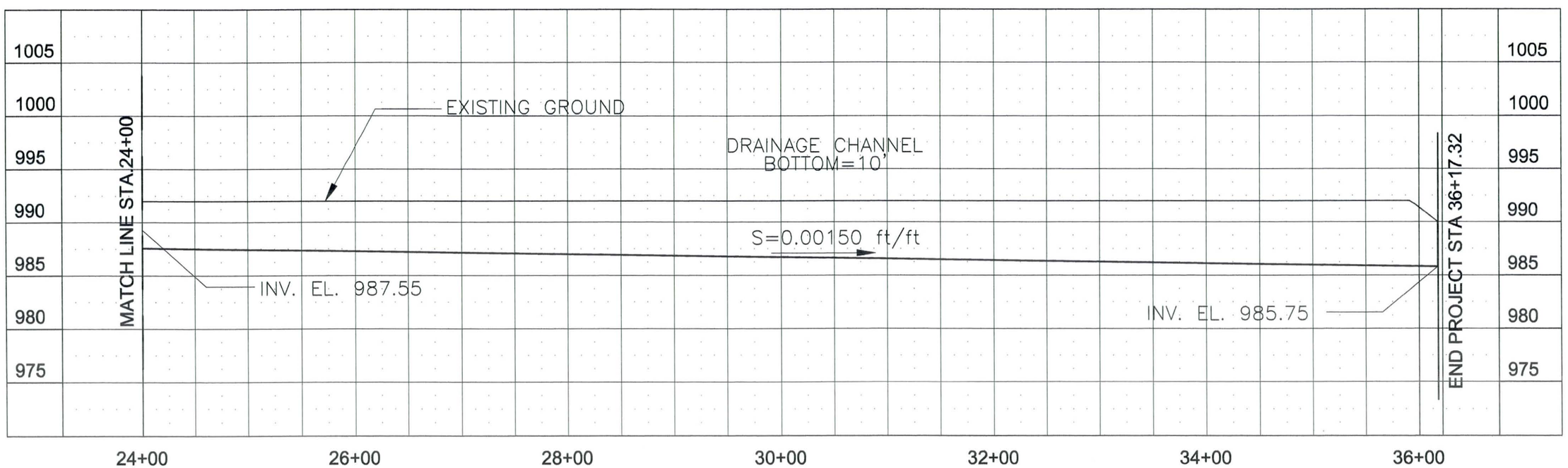
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
67TH AVE CHANNEL
STA 12+00 TO STA 24+00

DRAWING NAME
P-26





Rev	Date	Description	By

Issue Certification

Job No. MDH
Designed DRS
Drawn DWB
Checked DWB
Reviewed
Approved
Reg. No.
Plot Date

PREPARED BY:

HDR

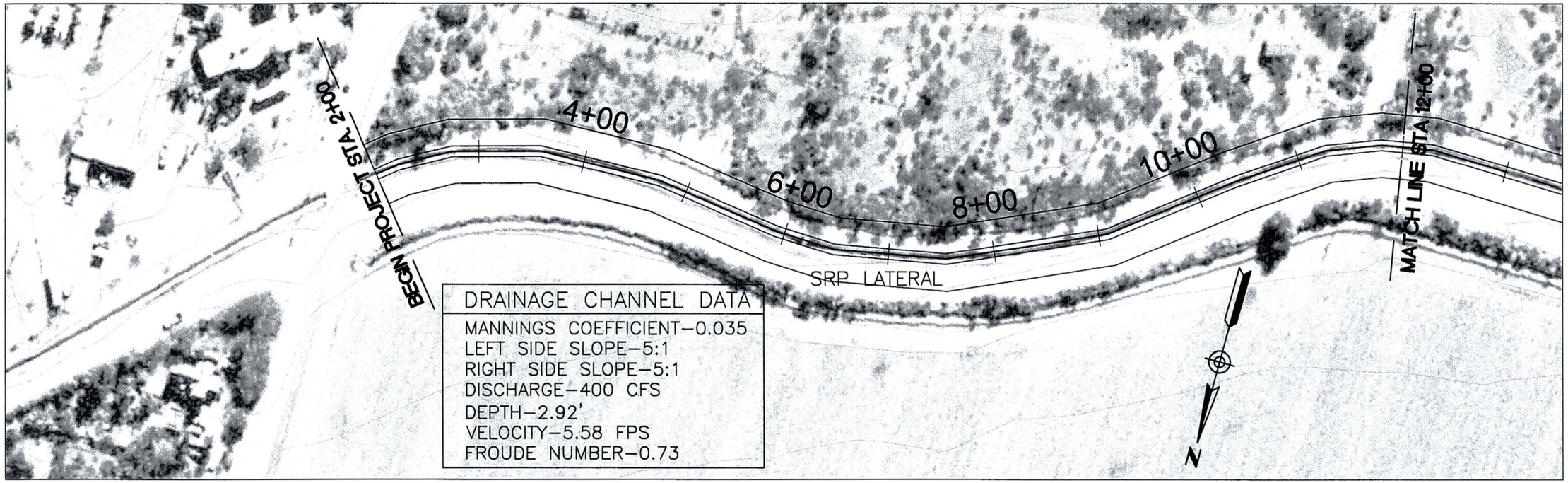
HDR Engineering, Inc.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

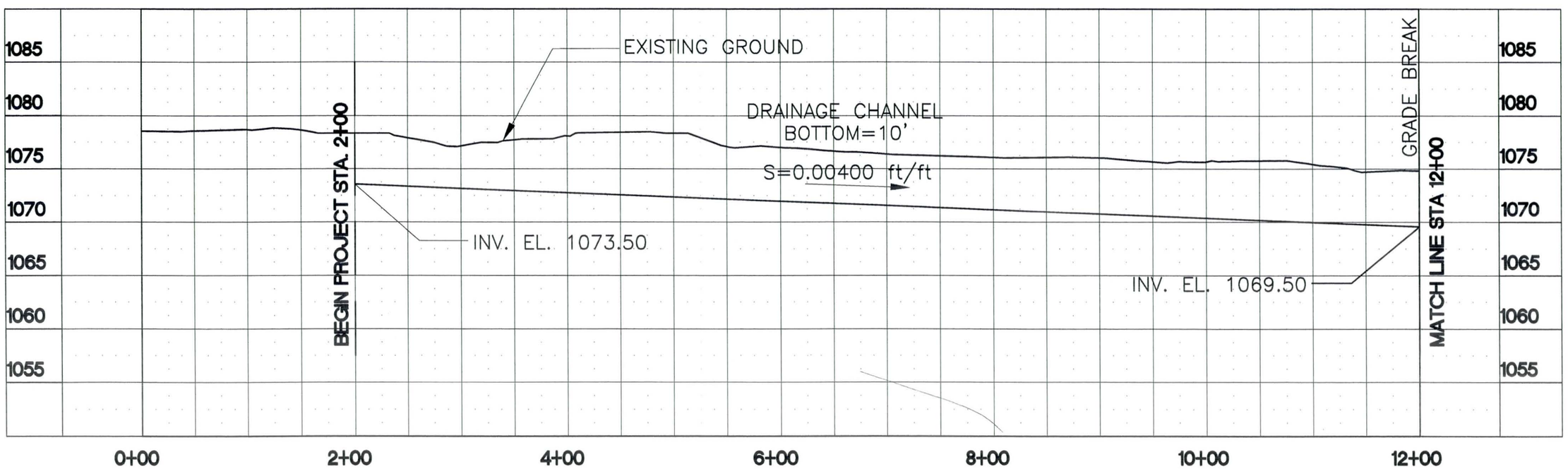
PLAN AND PROFILE
67TH AVE CHANNEL
STA.24+00 TO STA.36+17.32

DRAWING NAME
P-27



DRAINAGE CHANNEL DATA

MANNINGS COEFFICIENT–0.035
LEFT SIDE SLOPE–5:1
RIGHT SIDE SLOPE–5:1
DISCHARGE–400 CFS
DEPTH–2.92'
VELOCITY–5.58 FPS
FROUDE NUMBER–0.73



Rev	Date	Description	By

Job No.
Designed MDH
Drawn DRS
Checked DMB
Reviewed DMB
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:

HDR

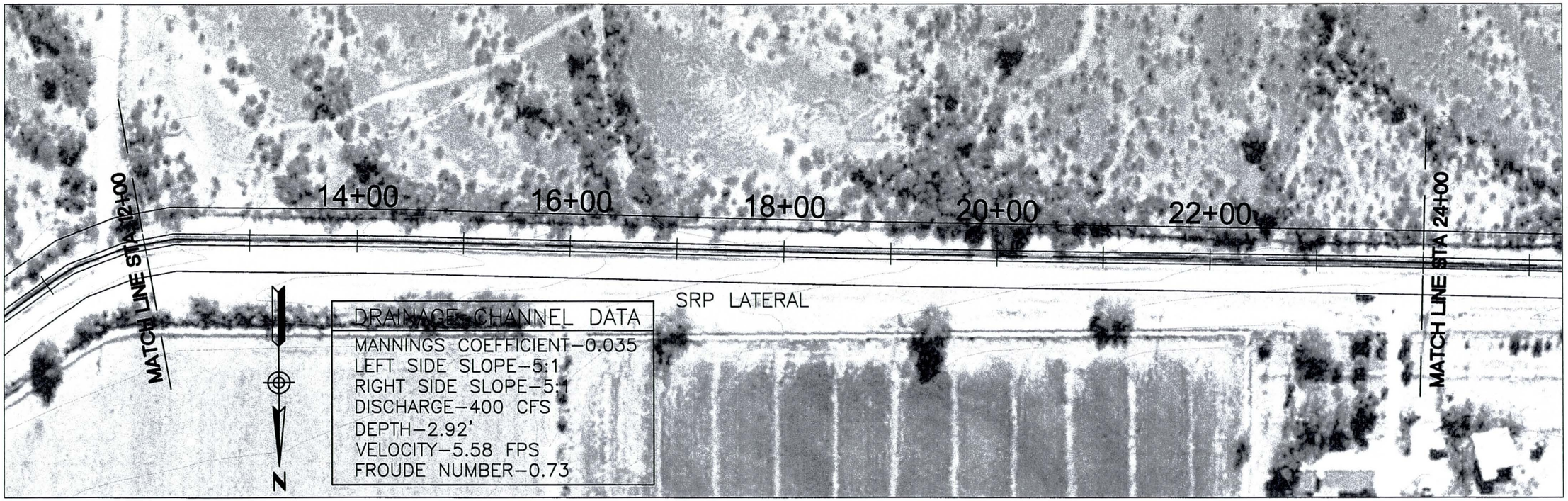
HDR Engineering, Inc.

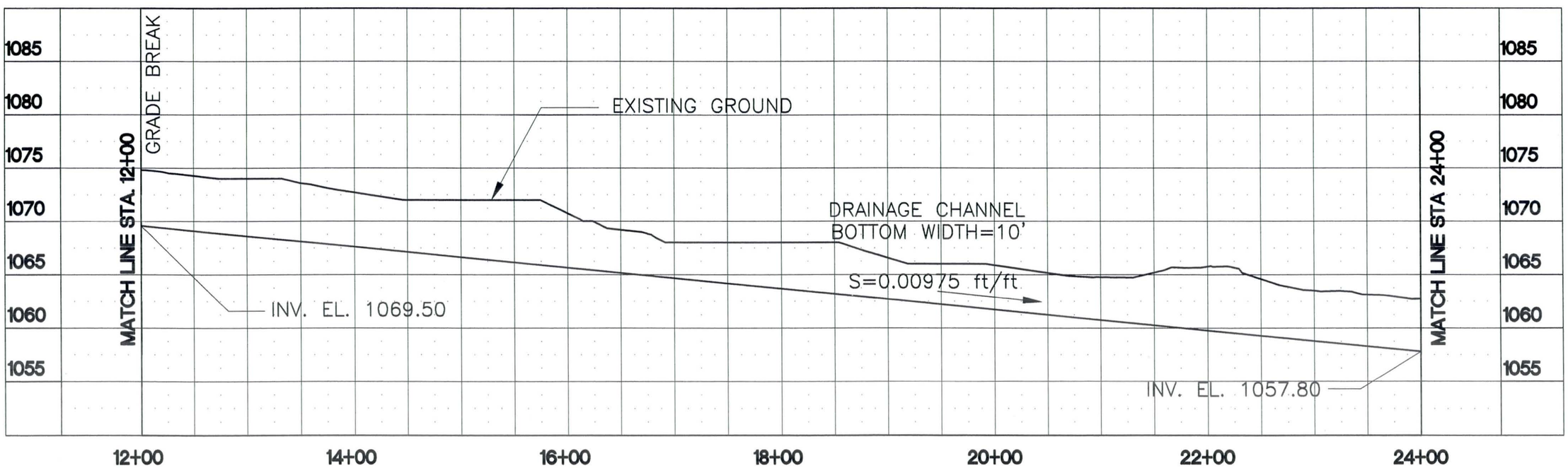
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
WESTERN CANAL
STA 0+00 TO STA 12+00

DRAWING NAME
P-28





Rev	Date	Description	By

Issue Certification

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

PREPARED BY:

HDR

HDR Engineering, Inc.

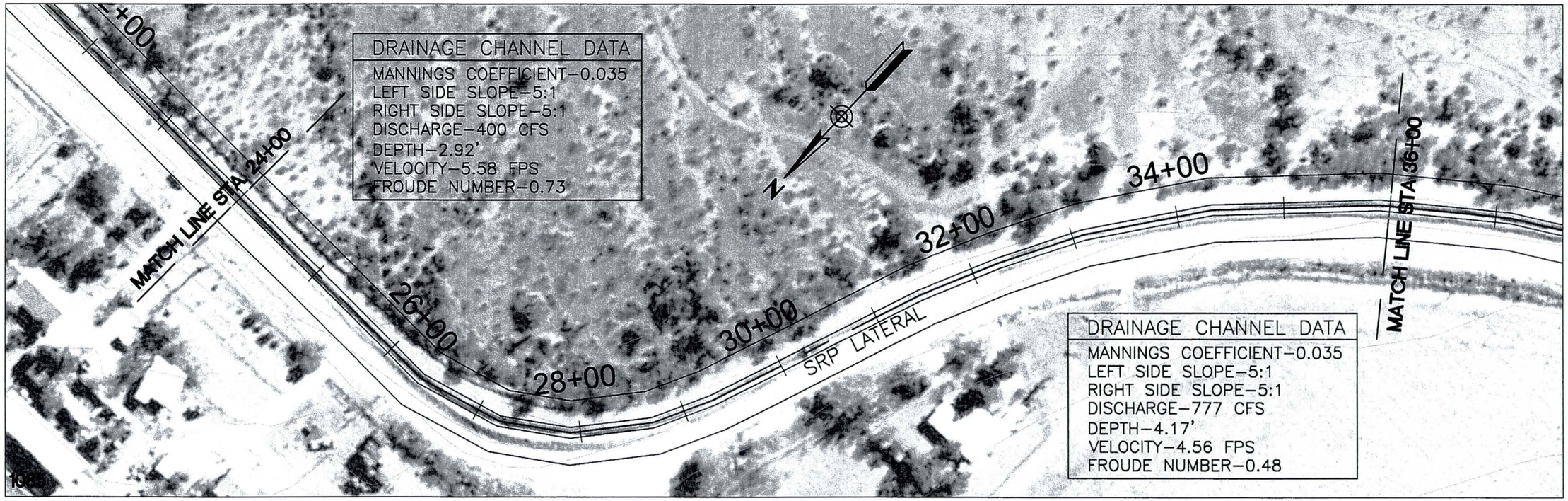
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

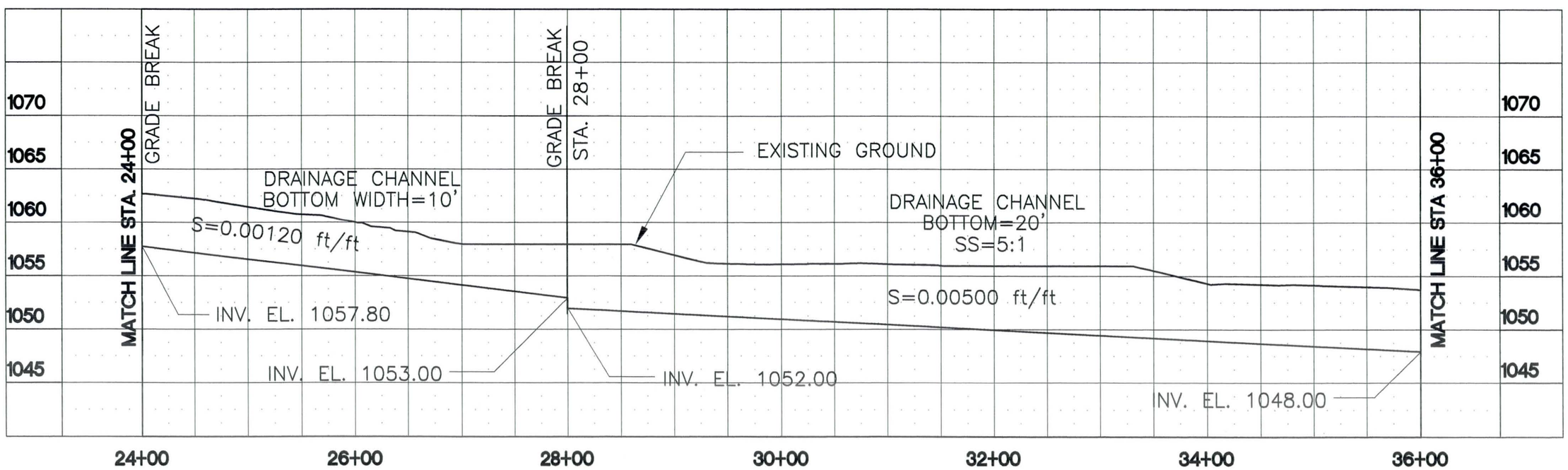
LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
WESTERN CANAL
STA.12+00 TO STA.24+00

DRAWING NAME

P-29





Rev	Date	Description	By

Issue Certification

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

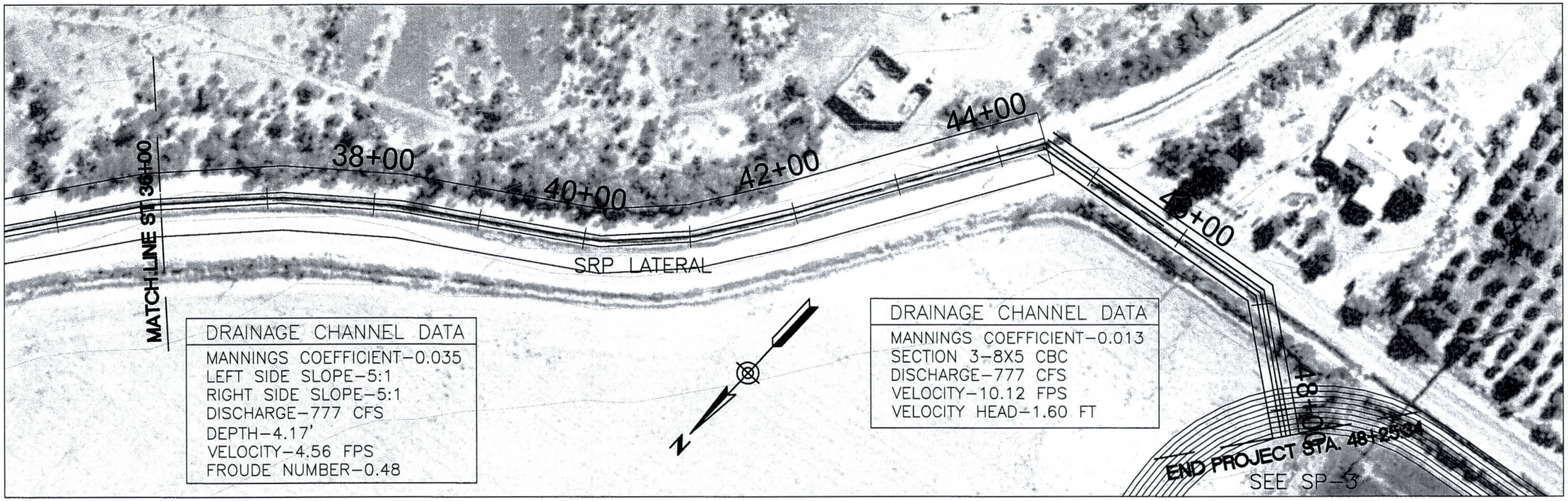
PREPARED BY:
HDR
HDR Engineering, Inc.

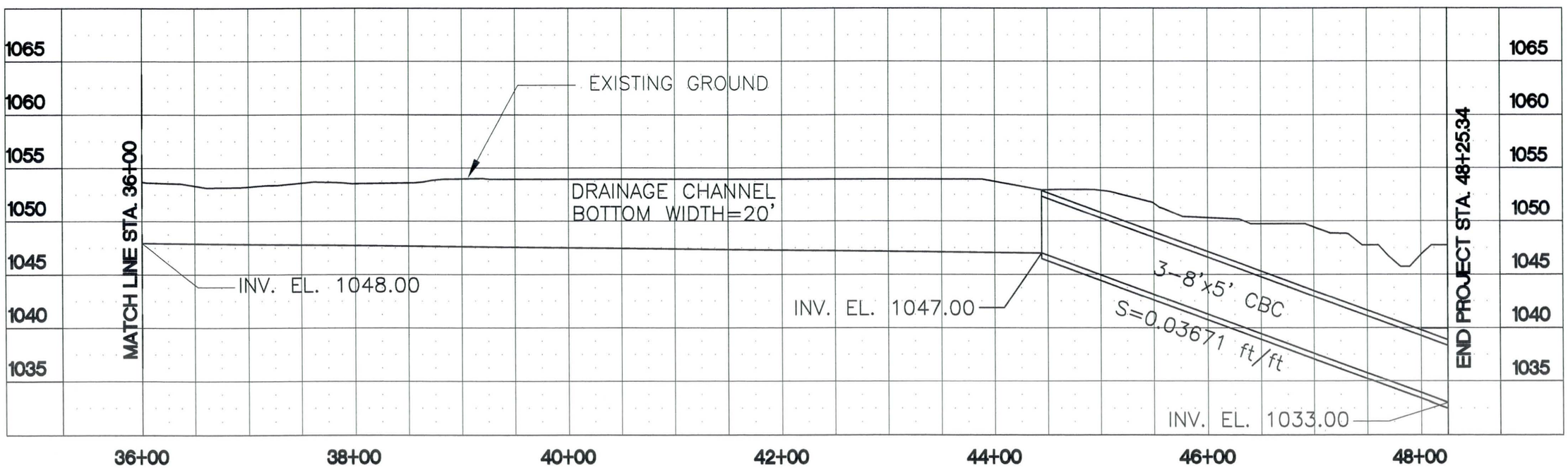
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
WESTERN CANAL
STA 24+00 TO STA 36+00

DRAWING NAME
P-30





Rev	Date	Description	By

Issue Certification

Job No.
Designed MDH
Drawn DRS
Checked DWB
Reviewed DWB
Approved
Reg. No.
Plot Date

PREPARED BY:

HDR

HDR Engineering, Inc.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

LAVEEN AREA DRAINAGE MASTER PLAN

PLAN AND PROFILE
WESTERN CANAL
STA.36+00 TO STA.48+25.34

DRAWING NAME
P-31

URBAN PLANT LIST

TREES

'THORNLESS' CHILEAN MESQUITE	PROSOPIS CHILENSIS 'THORNLESS'
DESERT MUSEUM PALO VERDE	CERCIDIUM 'DESERT MUSEUM'
EVERGREEN ELM	ULMUS PARIFOLIA
FANTEX ASH	FRAXINUS VELUTINA 'RIO GRANDE'
SOUTHERN LIVE OAK	QUERCUS VIRGINIANA

SHRUBS

THUNDER CLOUD SAGE	LEUCOPHYLLUM CANDIDUM
ORANGE JUBILEE	TECOMA SP.
BOUGAINVILLEA 'LA JOLLA'	BOUGAINVILLEA SP.
RED BIRD OF PARADISE	CAESALPINIA PULCHERRIMA
FEATHERY CASSIA	CASSIA ARTEMISIOIDES
REGAL MIST	MULHENBERGIA CAPILLARIS
RED YUCCA	HESPERALOE PARVIFLORA

GROUNDCOVER AND ACCENTS

NEW GOLD LANTANA	LANTANA 'NEW GOLD'
RED GAZANIA	GAZANIA RIGENS
SPREADING ROSEMARY	ROSEMARINUS OFF. 'PROSTRATUS'
SIERRA GOLD DALEA	DALEA CAPITATA 'SIERRA GOLD'
TRAILING MYOPORUM	MYOPORUM PARVIFOLIUM
ANNUALS	
REVEGETATION SEED MIX	

NORTH

0' 50' 100' 200'

Issue Certification

Job No.
Designed
Drawn DRS
Checked
Reviewed
Approved
Reg. No.
Plot. Date

Rev.	Date	Description	By

DWG_TIPE

HDR Engineering, Inc.

DFD

LAVEEN AREA DRAINAGE MASTER PLAN

BASELINE ROAD BASIN SITE PLAN
BASELINE ROAD AND 51ST AVE

URBAN THEME
LANDSCAPE PLAN
SP-1

Typical of basins at 51st Avenue and Dobbins Road and 43rd Avenue and Dobbins Road

NORTH

0' 50' 100' 200'

TRANSITIONAL PLANT LIST

TREES

'THORNLESS' CHILEAN MESQUITE	PROSOPIS CHILENSIS 'THORNLESS'
DESERT MUSEUM PALO VERDE	CERCIDIUM 'DESERT MUSEUM'
FOOTHILLS PALO VERDE	CERCIDIUM MICROPHYLLUM
FREMONT COTTONWOOD	POPULUS FREMONTII
FANTEX ASH	FRAXINUS VELUTINA 'RIO GRANDE'

SHRUBS

CHAPARALL SAGE	LEUCOPHYLLUM LAEVIGATUM
DESERT RUELLIA	RUELLIA PENINSULARIS
'SIERRA LINDA'	SALVIA GREGII
RED BIRD OF PARADISE	CAESALPINIA PULCHERRIMA
FEATHERY CASSIA	CASSIA ARTEMISIOIDES
CHIHUAHUAN SAGE	LEUCOPHYLLUM LAEVIGATUM
RED YUCCA	HESPERALOE PARVIFLORA

GROUNDCOVER AND ACCENTS

NEW GOLD LANTANA	LANTANA 'NEW GOLD'
RED GAZANIA	GAZANIA RIGENS
OCOTILLO	FOUQUIERIA SPLENDENS
SIERRA GOLD DALEA	DALEA CAPITATA 'SIERRA GOLD'
OCTOPUS AGAVE	AGAVE VILMORINIAN
FIRECRACKER PENSTEMON	PENSTEMON EATONII
SANDPAPER VERBENA	VERBENA RIGIDA
TRAILING MYOPORUM	MYOPORUM PARVIFOLIUM
REVEGETATION SEED MIX	

Rev	Date	Description	By

Job No.
Designed
Drawn DRB
Checked
Reviewed
Approved
Reg. No.
Plot Date

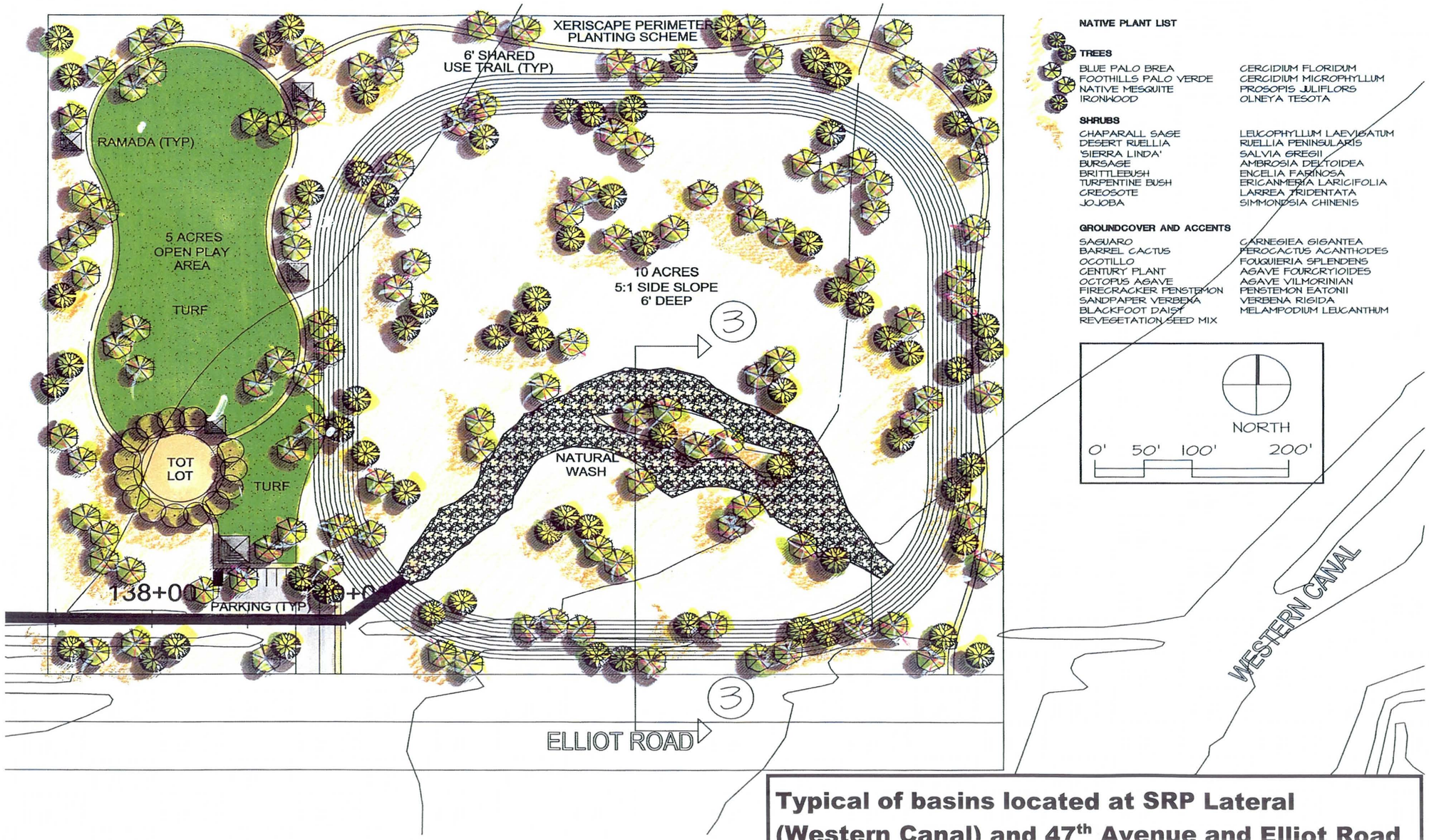
Issue Certification

HDR
HDR Engineering, Inc.

LAVEEN AREA DRAINAGE MASTER PLAN

DOBBINS ROAD BASIN SITE PLAN
DOBBINS ROAD AND 51ST AVE

TRANSITIONAL THEME LANDSCAPE PLAN
SP-2



NATIVE PLANT LIST

TREES

BLUE PALO BREA	CERCIDIUM FLORIDUM
FOOTHILLS PALO VERDE	CERCIDIUM MICROPHYLLUM
NATIVE MESQUITE	PROSOPIS JULIFLORS
IRONWOOD	OLNEYA TESOTA

SHRUBS

CHAPARALL SAGE	LEUCOPHYLLUM LAEVIGATUM
DESERT RUELLIA	RUELLIA PENINSULARIS
'SIERRA LINDA'	SALVIA GREGII
BURSAGE	AMBROSIA DELTOIDEA
BRITTLEBUSH	ENCELIA FARINOSA
TURPENTINE BUSH	ERICANMERIA LARICIFOLIA
CREOSOTE	LARREA TRIDENTATA
JOJOBA	SIMMONDSIA CHINENIS

GROUNDCOVER AND ACCENTS

SAGUARO	CARNEGIEA GIGANTEA
BARREL CACTUS	FEROCACTUS ACANTHODES
OCOTILLO	FOUQUIERIA SPLENDENS
CENTURY PLANT	AGAVE FOURCRYIOIDES
OCTOPUS AGAVE	AGAVE VILMORINIAN
FIRECRACKER PENSTEMON	PENSTEMON EATONII
SANDPAPER VERBENA	VERBENA RIGIDA
BLACKFOOT DAISY	MELAMPODIUM LEUCANTHUM
REVEGETATION SEED MIX	

Typical of basins located at SRP Lateral (Western Canal) and 47th Avenue and Elliot Road

Rev	Date	Description	By

Job No.
Designed
Drawn DRB
Checked
Reviewed
Approved
Reg. No.
Plot Date

Issue Certification

PREPARED BY:
HDR Engineering, Inc.

LAVEEN AREA DRAINAGE MASTER PLAN

ELLIOT ROAD BASIN SITE PLAN
ELLIOT ROAD AND 46TH AVE

NATURAL DESERT THEME
LANDSCAPE PLAN
SP 3