

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

February 19, 2025

David Soule, P.E.
Rio Grande Engineering
P.O. Box 93924
Albuquerque, NM 87199

**RE: 3919 Mourning Dove Pl NW
Grading and Drainage Plan
Engineer's Stamp Date: 2/4/25
Hydrology File: G11D014D63
Case # HYDR-2025-00019**

Dear Mr. Soule:

PO Box 1293

Albuquerque

Based upon the information provided in your submittal received 02/04/2025, the Grading and Drainage Plan is approved for Building Permit. Please note that **a pad certification is not needed for this project**. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

PRIOR TO CERTIFICATE OF OCCUPANCY:

NM 87103

1. Engineer's Certification, per the DPM Part 6-14 (F): Engineer's Certification Checklist For Non-Subdivision is required.

www.cabq.gov

As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov, 505-924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

Sincerely,

Anthony Montoya, Jr., P.E.
Senior Engineer, Hydrology
Planning Department, Development Review Services

BASIN DATA

Basin	Area (sf)	Area (acres)	Treatment A		Treatment B		Treatment C		Treatment D		Q100 GENERATED	V100 GENERATED	Q100 DISCHARGED
			%	(acres)	%	(acres)	%	(acres)	%	(acres)			
BASIN A	20033	0.460	0%	0.5142	20.0%	0.0000	26.0%	0.0000	54%	0.0000	1.4	2622	0.45
BASIN B	2365	0.054	0%	0.0156	20.0%	0.0747	68.0%	0.0762	12%	0.0527	0.15	209	0.15
TOTAL SITE HISTORIC	22398	0.514	100%	0.5142	0.0%	0.0000	0.0%	0.0000	0%	0.0000	0.63	993	0.63
HISTORICAL													0.63
PROPOSED													0.50

WATER QUALITY
VOLUME=10,818* .42/12=378

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED

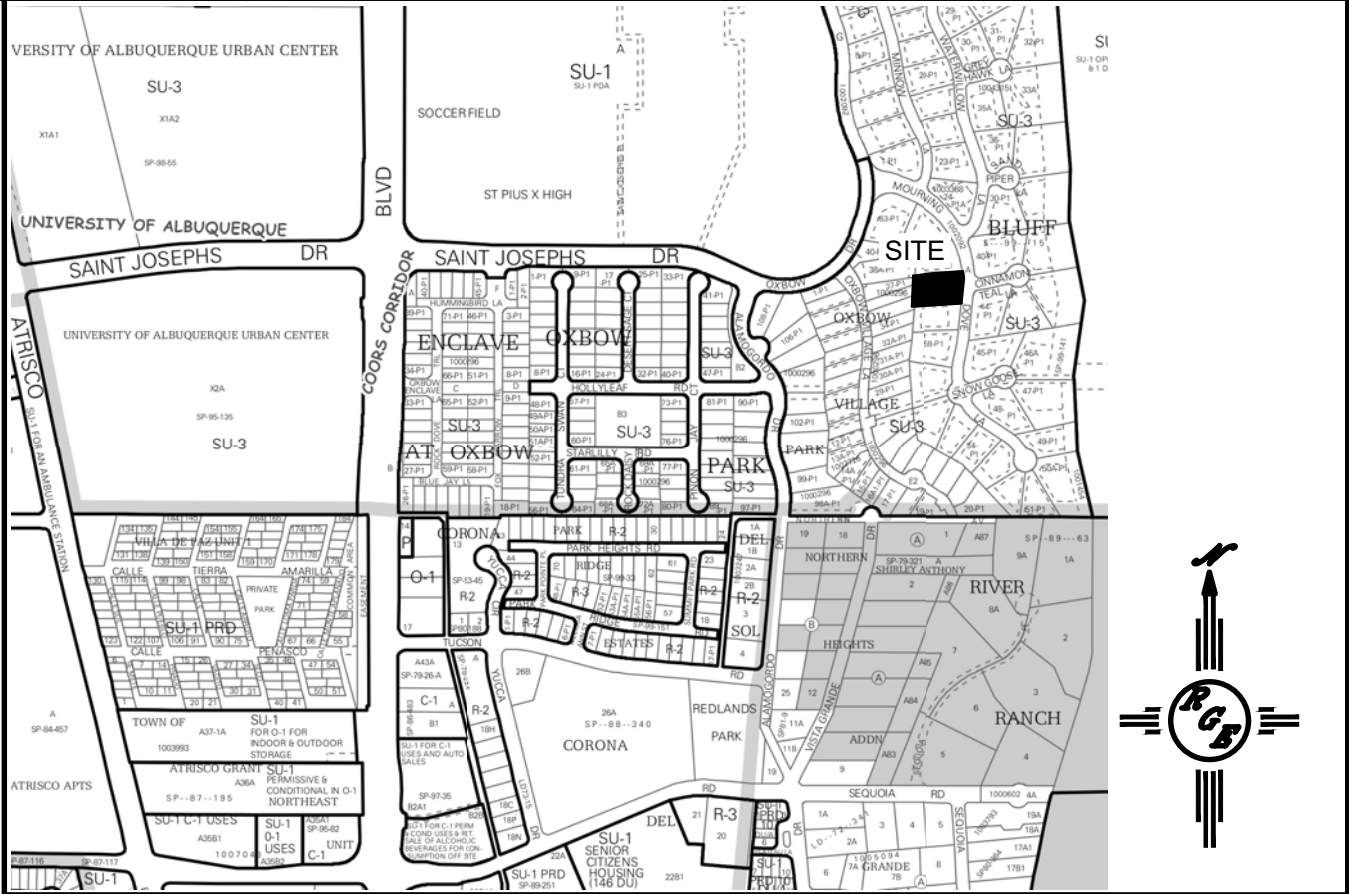
DATE: 2/19/2025
BY: *[Signature]*
HydroTrans # G11D014D63

THE APPROVAL OF THESE PLANS REPORT SHALL NOT BE
CONSIDERED TO BE A GUARANTEE OF ANY CITY
ENGINEER'S SERVICE TO THE PUBLIC. THE CITY OF ALBUQUERQUE
ENGINEERING DEPARTMENT, IN THE EVENT OF A DISASTER, SHALL
NOT BE RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF ANY
STRUCTURE OR SYSTEM. THE CITY OF ALBUQUERQUE
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NOT BE RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF ANY
STRUCTURE OR SYSTEM.

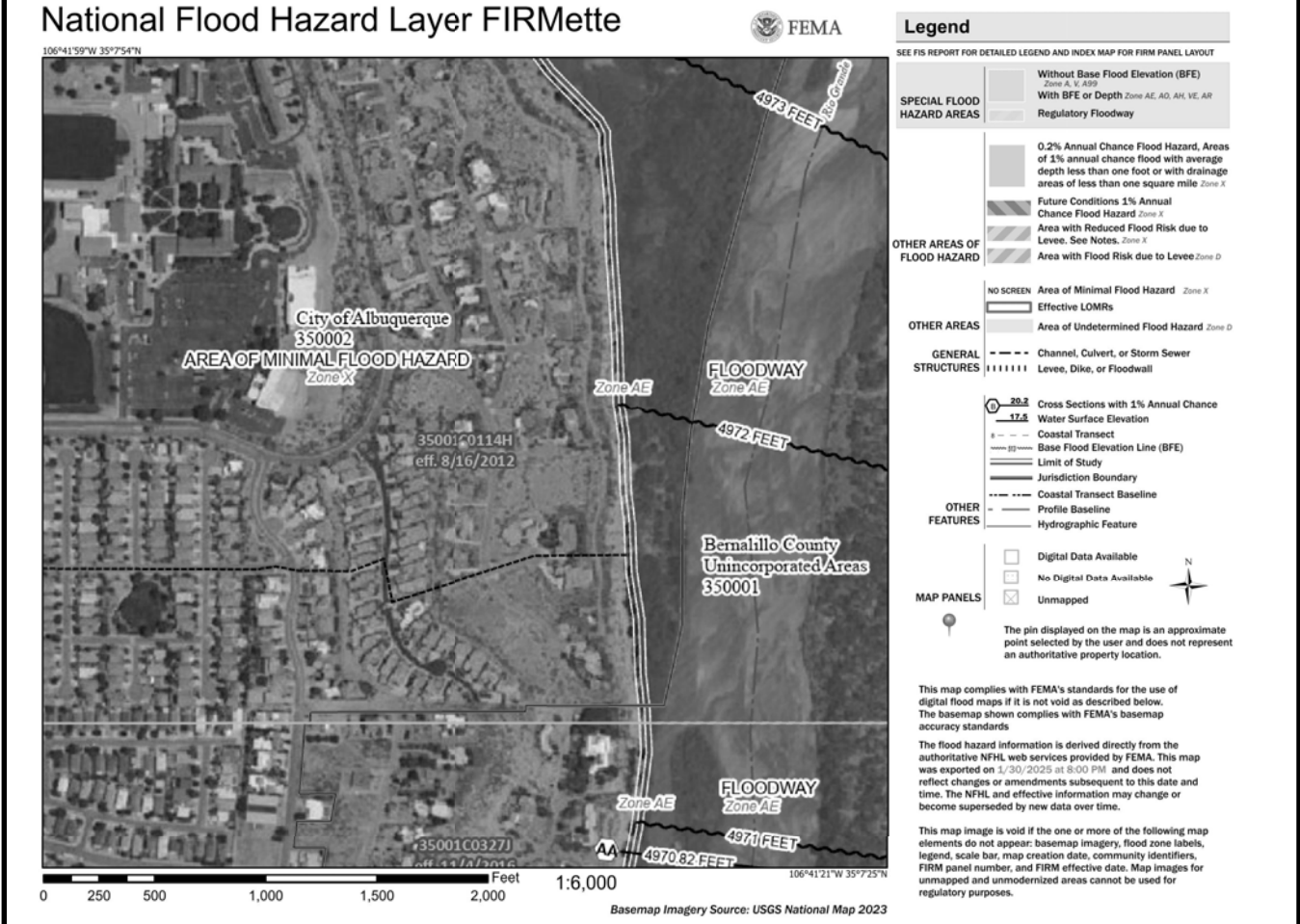
APPROVAL OF GRADING & DRAINAGE PLANS SHALL EXPIRE
TWO (2) YEARS AFTER THE APPROVAL DATE BY THE CITY IF NO
BUILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMENT.

EROSION CONTROL NOTES:

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.



VICINITY MAP: G-11-Z



FIRM MAP:

LEGAL DESCRIPTION:

LOT 60 OXBOW BLUFF SUBDIVISION
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

NOTES:

- ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
- ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
- ANY PERIMETER WALLS MUST BE PERMITTED SEPARATELY ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
- SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.
- LONG TERM MAINTAINANCE OF ALL PONDS, SWALES AND OVERFLOWS IS REQUIRED
- A PAD ELEVATION CERTIFICATION SHALL BE REQUIRED PRIOR TO RELEASE OF BUILDING PERMIT.

LEGEND

- XXXX --- EXISTING CONTOUR
- XXXX --- EXISTING INDEX CONTOUR
- XXXX --- PROPOSED CONTOUR
- XXXX --- PROPOSED INDEX CONTOUR
- XXXX EXISTING SPOT ELEVATION
- XXXX PROPOSED SPOT ELEVATION
- BOUNDARY
- ADJACENT BOUNDARY
- === EXISTING CURB AND GUTTER
- PROPOSED EARTHEN SWALE
- PROPOSED RETAINING WALL
- PROPOSED RETAINING WALL INTERGRATED WITH FOUNDATION
- PROPOSED CONCRETE
- PROPOSED PONDING

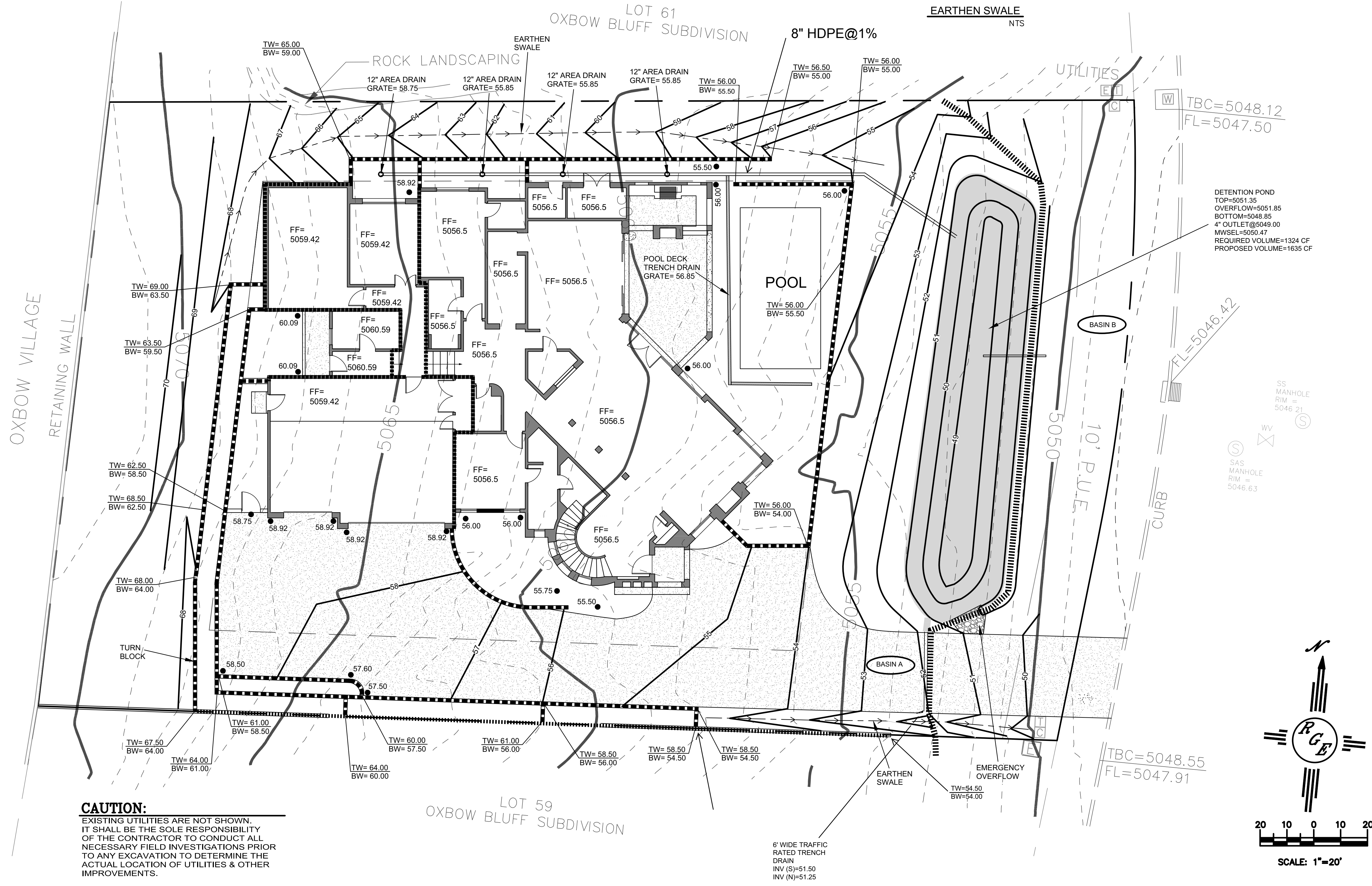
ENGINEER'S SEAL

DAVID SOULE
P.E. #14522

LOT 60 OXBOW BLUFF SUB.
MOURNING DOVE
3919
GRADING AND DRAINAGE PLAN

P.O. BOX 53924
ALBUQUERQUE, NM 87199
(505) 321-9099

DRAWN BY DEM
DATE 2-3-25
Mourning Dove.dwg
SHEET # C1
JOB #



CAUTION:

EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS.

BASIN DATA

Basin	Area (sf)	Area (acres)	Treatment A		Treatment B		Treatment C		Treatment D		Q100	V100	Q100	
			%	(acres)	%	(acres)	%	(acres)	%	(acres)	GENERATED	GENERATED	DISCHARGED	
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												HISTORICAL		0.63
												PROPOSED		0.50

VOLUME CALCULATIONS

ACTUAL ELEV.	DEPTH (FT)	AREA SF	VOLUME PER UNIT	VOLUME CUMULATIVE	VOLUME AC-FT	Q (CFS)
48.85	0.00	233.00	0.00	0	0.000	0.00
49.00	0.00	375.00	45.60	45.60	0.001	0.00
50.85	1.75	1344.00	1590.08	1635.68	0.038	0.56

Orifice Equation
Q = CA SQRT(2gH)

C = 0.6
Diameter (in) 4
Area (ft^2)= 0.087266463
g = 32.2
H (Ft) = Depth of water above center of orifice
Q (CFS)= Flow

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION

APPROVED

DATE: 2/19/2025
BY: [Signature]
HydroTeam # G11D014D63

THE APPROVAL OF THESE PLANS/REPORT SHALL NOT BE
CONSIDERED TO PRESENT GUARANTEES OF ANY CITY
DEPARTMENT OR OFFICIAL AND SHALL NOT BE
CONSIDERED TO BE A CONTRACT. THE CITY OF ALBUQUERQUE
CONSTRUCTION, IN EXERCISE OF DISCRETION IN PLANS
SPECIFICATIONS, OR CONSULTATIONS, IS NOT APPROVED
SHALL NOT BE CHARGED, MODIFIED OR ALTERED WITHOUT
AUTHORIZATION.

APPROVAL OF GRADING & DRAINAGE PLAN(S) SHALL EXPIRE
TWO (2) YEARS AFTER THE APPROVAL DATE BY THE CITY IF NO
BUILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMENT

HYHYD.OUT
HYHYD PROGRAM (HYHYD-54) - Version: 54.01a - Rel: 01a
RUN DATE (MM/DD/YYYY) = 02/04/2025
START TIME (HR:MIN:SEC) = 09:18:57 USER NO. = R10grandesinglak196317
INPUT FILE = and Settings\hmm\Desktop\0053005\0501-3919 mourning
dove\pondrout020425.txt

*S HYHYD - DETENTION-MOURNING
*S POND ROUTING
START TIME=0.0 PUNCH CODE=0
RAINFALL TYPE=2
QUANTITY 0.0 DOW 1.69 IN DT = 0.05 HR
SIX42.17 IN DAVE= 2.49 IN

24-HOUR RAINFALL DIST. - BASED ON NOAA ATLAS 14 FOR CONVECTIVE AREAS (NM &
DT = 0.050000 HOURS END TIME = 24.000002 HOURS
0.00000 0.00032 0.00663 0.01000 0.01388 0.01776 0.02164 0.02552 0.02940 0.03328 0.03716 0.04104 0.04492 0.04880 0.05268 0.05656 0.06044 0.06432 0.06820 0.07208 0.07596 0.07984 0.08372 0.08760 0.09148 0.09536 0.09924 0.10312 0.10700 0.11088 0.11476 0.11864 0.12252 0.12640 0.13028 0.13416 0.13804 0.14192 0.14580 0.14968 0.15356 0.15744 0.16132 0.16520 0.16908 0.17296 0.17684 0.18072 0.18460 0.18848 0.19236 0.19624 0.20012 0.20400 0.20788 0.21176 0.21564 0.21952 0.22340 0.22728 0.23116 0.23504 0.23892 0.24280 0.24668 0.25056 0.25444 0.25832 0.26220 0.26608 0.26996 0.27384 0.27772 0.28160 0.28548 0.28936 0.29324 0.29712 0.30100 0.30488 0.30876 0.31264 0.31652 0.32040 0.32428 0.32816 0.33204 0.33592 0.33980 0.34368 0.34756 0.35144 0.35532 0.35920 0.36308 0.36696 0.37084 0.37472 0.37860 0.38248 0.38636 0.39024 0.39412 0.39800 0.40188 0.40576 0.40964 0.41352 0.41740 0.42128 0.42516 0.42904 0.43292 0.43680 0.44068 0.44456 0.44844 0.45232 0.45620 0.46008 0.46396 0.46784 0.47172 0.47560 0.47948 0.48336 0.48724 0.49112 0.49500 0.49888 0.50276 0.50664 0.51052 0.51440 0.51828 0.52216 0.52604 0.52992 0.53380 0.53768 0.54156 0.54544 0.54932 0.55320 0.55708 0.56096 0.56484 0.56872 0.57260 0.57648 0.58036 0.58424 0.58812 0.59200 0.59588 0.59976 0.60364 0.60752 0.61140 0.61528 0.61916 0.62304 0.62692 0.63080 0.63468 0.63856 0.64244 0.64632 0.65020 0.65408 0.65796 0.66184 0.66572 0.66960 0.67348 0.67736 0.68124 0.68512 0.68900 0.69288 0.69676 0.70064 0.70452 0.70840 0.71228 0.71616 0.72004 0.72392 0.72780 0.73168 0.73556 0.73944 0.74332 0.74720 0.75108 0.75496 0.75884 0.76272 0.76660 0.77048 0.77436 0.77824 0.78212 0.78600 0.78988 0.79376 0.79764 0.80152 0.80540 0.80928 0.81316 0.81704 0.82092 0.82480 0.82868 0.83256 0.83644 0.84032 0.84420 0.84808 0.85196 0.85584 0.85972 0.86360 0.86748 0.87136 0.87524 0.87912 0.88300 0.88688 0.89076 0.89464 0.89852 0.90240 0.90628 0.91016 0.91404 0.91792 0.92180 0.92568 0.92956 0.93344 0.93732 0.94120 0.94508 0.94896 0.95284 0.95672 0.96060 0.96448 0.96836 0.97224 0.97612 0.98000 0.98388 0.98776 0.99164 0.99552 0.99940 1.00328 1.00716 1.01104 1.01492 1.01880 1.02268 1.02656 1.03044 1.03432 1.03820 1.04208 1.04596 1.04984 1.05372 1.05760 1.06148 1.06536 1.06924 1.07312 1.07700 1.08088 1.08476 1.08864 1.09252 1.09640 1.10028 1.10416 1.10804 1.11192 1.11580 1.11968 1.12356 1.12744 1.13132 1.13520 1.13908 1.14296 1.14684 1.15072 1.15460 1.15848 1.16236 1.16624 1.17012 1.17400 1.17788 1.18176 1.18564 1.18952 1.19340 1.19728 1.20116 1.20504 1.20892 1.21280 1.21668 1.22056 1.22444 1.22832 1.23220 1.23608 1.23996 1.24384 1.24772 1.25160 1.25548 1.25936 1.26324 1.26712 1.27100 1.27488 1.27876 1.28264 1.28652 1.29040 1.29428 1.29816 1.30204 1.30592 1.30980 1.31368 1.31756 1.32144 1.32532 1.32920 1.33308 1.33696 1.34084 1.34472 1.34860 1.35248 1.35636 1.36024 1.36412 1.36800 1.37188 1.37576 1.37964 1.38352 1.38740 1.39128 1.39516 1.39904 1.40292 1.40680 1.41068 1.41456 1.41844 1.42232 1.42620 1.43008 1.43396 1.43784 1.44172 1.44560 1.44948 1.45336 1.45724 1.46112 1.46500 1.46888 1.47276 1.47664 1.48052 1.48440 1.48828 1.49216 1.49604 1.49992 1.50380 1.50768 1.51156 1.51544 1.51932 1.52320 1.52708 1.53096 1.53484 1.53872 1.54260 1.54648 1.55036 1.55424 1.55812 1.56200 1.56588 1.56976 1.57364 1.57752 1.58140 1.58528 1.58916 1.59304 1.59692 1.60080 1.60468 1.60856 1.61244 1.61632 1.62020 1.62408 1.62796 1.63184 1.63572 1.63960 1.64348 1.64736 1.65124 1.65512 1.65900 1.66288 1.66676 1.67064 1.67452 1.67840 1.68228 1.68616 1.69004 1.69392 1.69780 1.70168 1.70556 1.70944 1.71332 1.71720 1.72108 1.72496 1.72884 1.73272 1.73660 1.74048 1.74436 1.74824 1.75212 1.75600 1.75988 1.76376 1.76764 1.77152 1.77540 1.77928 1.78316 1.78704 1.79092 1.79480 1.79868 1.80256 1.80644 1.81032 1.81420 1.81808 1.82196 1.82584 1.82972 1.83360 1.83748 1.84136 1.84524 1.84912 1.85300 1.85688 1.86076 1.86464 1.86852 1.87240 1.87628 1.88016 1.88404 1.88792 1.89180 1.89568 1.89956 1.90344 1.90732 1.91120 1.91508 1.91896 1.92284 1.92672 1.93060 1.93448 1.93836 1.94224 1.94612 1.95000 1.95388 1.95776 1.96164 1.96552 1.96940 1.97328 1.97716 1.98104 1.98492 1.98880 1.99268 1.99656 2.00044 2.00432 2.00820 2.01208 2.01596 2.01984 2.02372 2.02760 2.03148 2.03536 2.03924 2.04312 2.04700 2.05088 2.05476 2.05864 2.06252 2.06640 2.07028 2.07416 2.07804 2.08192 2.08580 2.08968 2.09356 2.09744 2.10132 2.10520 2.10908 2.11296 2.11684 2.12072 2.12460 2.12848 2.13236 2.13624 2.14012 2.14400 2.14788 2.15176 2.15564 2.15952 2.16340 2.16728 2.17116 2.17504 2.17892 2.18280 2.18668 2.19056 2.19444 2.19832 2.20220 2.20608 2.20996 2.21384 2.21772 2.22160 2.22548 2.22936 2.23324 2.23712 2.24100 2.24488 2.24876 2.25264 2.25652 2.26040 2.26428 2.26816 2.27204 2.27592 2.27980 2.28368 2.28756 2.29144 2.29532 2.29920 2.30308 2.30696 2.31084 2.31472 2.31860 2.32248 2.32636 2.33024 2.33412 2.33800 2.34188 2.34576 2.34964 2.35352 2.35740 2.36128 2.36516 2.36904 2.37292 2.37680 2.38068 2.38456 2.38844 2.39232 2.39620 2.40008 2.40396 2.40784 2.41172 2.41560 2.41948 2.42336 2.42724 2.43112 2.43500 2.43888 2.44276 2.44664 2.45052 2.45440 2.45828 2.46216 2.46604 2.46992 2.47380 2.47768 2.48156 2.48544 2.48932 2.49320 2.49708 2.50096 2.50484 2.50872 2.51260 2.51648 2.52036 2.52424 2.52812 2.53200 2.53588 2.53976 2.54364 2.54752 2.55140 2.55528 2.55916 2.56304 2.56692 2.57080 2.57468 2.57856 2.58244 2.58632 2.59020 2.59408 2.59796 2.60184 2.60572 2.60960 2.61348 2.61736 2.62124 2.62512 2.62900 2.63288 2.63676 2.64064 2.64452 2.64840 2.65228 2.65616 2.66004 2.66392 2.66780 2.67168 2.67556 2.67944 2.68332 2.68720 2.69108 2.69496 2.69884 2.70272 2.70660 2.71048 2.71436 2.71824 2.72212 2.72600 2.72988 2.73376 2.73764 2.74152 2.74540 2.74928 2.75316 2.75704 2.76092 2.76480 2.76868 2.77256 2.77644 2.78032 2.78420 2.78808 2.79196 2.79584 2.79972 2.80360 2.80748 2.81136 2.81524 2.81912 2.82300 2.82688 2.83076 2.83464 2.83852 2.84240 2.84628 2.85016 2.85404 2.85792 2.86180 2.86568 2.86956 2.87344 2.87732 2.88120 2.88508 2.88896 2.89284 2.89672 2.90060 2.90448 2.90836 2.91224 2.91612 2.92000 2.92388 2.92776 2.93164 2.93552 2.93940 2.94328 2.94716 2.95104 2.95492 2.95880 2.96268 2.96656 2.97044 2.97432 2.97820 2.98208 2.98596 2.98984 2.99372 2.99760 3.00148 3.00536 3.00924 3.01312 3.01700 3.02088 3.02476 3.02864 3.03252 3.03640 3.04028 3.04416 3.04804 3.05192 3.05580 3.05968 3.06356 3.06744 3.07132 3.07520 3.07908 3.08296 3.08684 3.09072 3.09460 3.09848 3.10236 3.10624 3.11012 3.11400 3.11788 3.12176 3.12564 3.12952 3.13340 3.13728 3.14116 3.14504 3.14892 3.15280 3.15668 3.16056 3.16444 3.16832 3.17220 3.17608 3.17996 3.18384 3.18772 3.19160 3.19548 3.19936 3.20324 3.20712 3.21100 3.21488 3.21876 3.22264 3.22652 3.23040 3.23428 3.23816 3.24204 3.24592 3.24980 3.25368 3.25756 3.26144 3.26532 3.26920 3.27308 3.27696 3.28084 3.28472 3.28860 3.29248 3.29636 3.30024 3.30412 3.30800 3.31188 3.31576 3.31964 3.32352 3.32740 3.33128 3.33516 3.33904 3.34292 3.34680 3.35068 3.35456 3.35844 3.36232 3.36620 3.37008 3.37396 3.37784 3.38172 3.38560 3.38948 3.39336 3.39724 3.40112 3.40500 3.40888 3.41276 3.41664 3.42052 3.42440 3.42828 3.43216 3.43604 3.43992 3.44380 3.44768 3.45156 3.45544 3.45932 3.46320 3.46708 3.47096 3.47484 3.47872 3.48260 3.48648 3.49036 3.49424 3.49812 3.50200 3.50588 3.50976 3.51364 3.51752 3.52140 3.52528 3.52916 3.53304 3.53692 3.54080 3.54468 3.54856 3.55244 3.55632 3.56020 3.56408 3.56796 3.57184 3.57572 3.57960 3.58348 3.58736 3.59124 3.59512 3.59900 3.60288 3.60676 3.61064 3.61452 3.61840 3.62228 3.62616 3.63004 3.63392 3.63780 3.64168 3.64556 3.64944 3.65332 3.65720 3.66108 3.66496 3.66884 3.67272 3.67660 3.68048 3.68436 3.68824 3.69212 3.69600 3.69988 3.70376 3.70764 3.71152 3.71540 3.71928 3.72316 3.72704 3.73092 3.73480 3.73868 3.74256 3.74644 3.75032 3.75420 3.75808 3.76196 3.76584 3.76972 3.77360 3.77748 3.78136 3.78524 3.78912 3.79300 3.79688 3.80076 3.80464 3.80852 3.81240 3.81628 3.82016 3.82404 3.82792 3.83180 3.83568 3.83956 3.84344 3.84732 3.85120 3.85508 3.85896 3.86284 3.86672 3.87060 3.87448 3.87836 3.88224 3.88612 3.89000 3.89388 3.89776 3.90164 3.90552 3.90940 3.91328 3.91716 3.92104 3.92492 3.92880 3.93268 3.93656 3.94044 3.94432 3.94820 3.95208 3.95596 3.95984 3.96372 3.96760 3.97148 3.97536 3.97924 3.98312 3.98700 3.99088 3.99476 3.99864 4.00252 4.00640 4.01028 4.01416 4.01804 4.02192 4.02580 4.02968 4.03356 4.03744 4.04132 4.04520 4.04908 4.05296 4.05684 4.06072 4.06460 4.06848 4.07236 4.07624 4.08012 4.08400 4.08788 4.09176 4.09564 4.09952 4.10340 4.10728 4.11116 4.11504 4.11892 4.12280 4.12668 4.13056 4.13444 4.13832 4.14220 4.14608 4.14996 4.15384 4.15772 4.16160 4.16548 4.16936 4.17324 4.17712 4.18100 4.18488 4.18876 4.19264 4.19652 4.20040 4.20428 4.20816 4.21204 4.21592 4.21980 4.22368 4.22756 4.23144 4.23532 4.23920 4.24308 4.24696 4.25084 4.25472 4.25860 4.26248 4.26636 4.27024 4.27412 4.27800 4.28188 4.28576 4.28964 4.29352 4.29740 4.30128 4.30516 4.30904 4.31292 4.31680 4.32068 4.32456 4.32844 4.33232 4.33620 4.34008 4.34396 4.34784 4.35172 4.35560 4.35948 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