TENTATIVE SUBDIVISION MAP
SUB20-0006
Escondido, CA

PRELIMINARY HYDROLOGY REPORT

PREPARED FOR:

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Date Prepared: December 2020

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Project Number: 101-003

ENGINEERING & CONSULTING

This report was prepared by or under the supervision of the undersigned registered civil engineer who attests to the technical information contained herein. The registered civil engineer has also judged the qualifications of any technical specialists providing engineering data upon which recommendations, conclusions, and decisions are based.

_____ 01-18-2021

Eric Lissner, P.E. Date

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I. INTRODUCTION

a. PROJECT SITE DESCRIPTION

The subject site is located at 2220 South Escondido Boulevard, in the City of Escondido, County of San Diego, California. Refer to section 1.c for the vicinity map. The site falls within the Kit Carson Neighborhood, designated as a Tier 1 in the Growth Management Element per the city of Escondido General Plan. The subject site measures approximately 315' along the frontage of S. Escondido Boulevard, and extends approximately 685' east along its longest edge, consisting of 3.47 acres of land. The site is bounded by a mobile home park to the north, South Escondido Boulevard to the west, existing commercial uses to the south, and residential property to the east. The property is currently occupied by a metal fabrication operation on the southwest corner, a HVAC mechanical shop on the northwest corner, a single-family residence with an attached garage on the northeast portion, and existing vegetation and weathered concrete throughout the site.

The land developer is proposing a residential community consisting of 62 townhomes on 3.47 acres within five existing parcels (APN 236-390-02-00, 236-390-03-00, 236-390-52-00, 236-390-53-00, and 236-390-54-00). As a part of the project, the developer is to provide a graded pad for the property to the east of the project, APN 236-390-51-00. The parcels are currently zoned as specific plan per the South City Centre specific plan. This report is intended to accompany the entitlement document submittals for the proposed project.

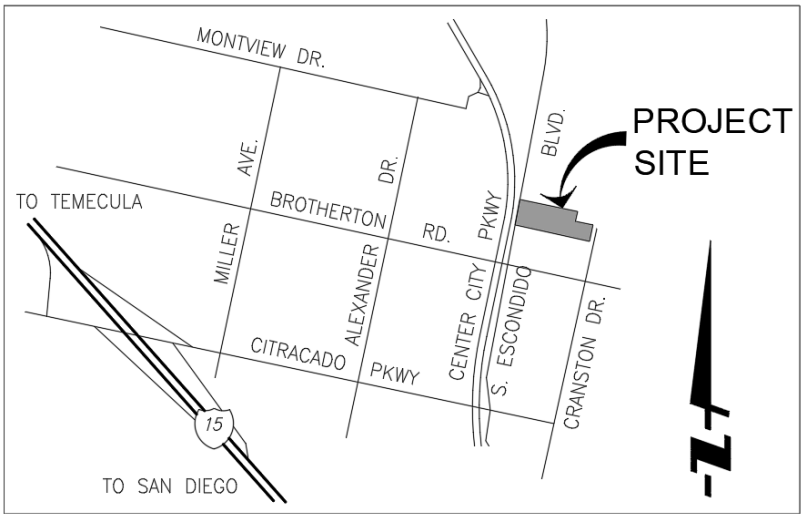
b. PURPOSE AND SCOPE

The purpose of this preliminary study is to analyze the pre-and post-development drainage conditions in order to provide the appropriate drainage facilities for the proposed project.

The scope of this study includes:

1. Determination of offsite and onsite points of flow concentration
2. Existing condition 100-year storm event rational method analysis
3. Proposed condition 100-year storm event rational method analysis
4. Layout and preliminary design of storm drain facilities

c. PROJECT VICINITY MAP



II. EXISTING TOPOGRAPHIC AND HYDROLOGIC CONDITIONS

a. EXISTING TOPOGRAPHY

The project site is located on previously developed land, used for both residential and commercial uses. The subject site can generally be characterized by an average existing grade of approximately 8%, uniformly sloping from east to west. Elevations range between approximately 611' to 655' above MSL. Existing vegetation within the site consists primarily of miscellaneous grasses, shrubs, weeds, and trees. Throughout the site, there exists scattered portions of weathered concrete. Existing improvements include a welding operation, abandoned commercial storefront, various sheds, single-family homes with attached garages, and a network of unpaved access roads within the site. The central portion of the subject site is largely undeveloped, primarily used to stockpile welding equipment and debris.

According to the NRCS Web Soil Survey, approximately 80% of the subject site is comprised of Fallbrook sandy loam (9 to 15 percent slopes, eroded) and 20% Ramona sandy loam (2 to 5 percent slopes), both of which are classified as hydrologic soil group C. The site is located within the San Dieguito River Watershed. Runoff for this project is conveyed to a natural channel near the intersection of South Escondido Boulevard and Centre City Parkway, where it travels to Kit Carson Creek, draining to Lake Hodges, then the San Dieguito River, ultimately draining into the Pacific Ocean via the San Dieguito Lagoon in Solana Beach.

b. EXISTING DRAINAGE PATTERN

Approximately 1 acre of offsite area is tributary to the proposed site, as shown in the existing condition hydrology map, Figure 1 in Appendix A. The offsite tributary area extends approximately 120' east of the project boundary to a ridgeline approximately 60' east of the project with an approximate elevation of 655'. The storm flows from the offsite tributary area follow a northwesterly direction, reaching the proposed site as shown in Figure 1 in Appendix A.

Onsite storm runoff tends to sheet flow in a similar westerly direction, exiting the site onto South Escondido Boulevard, where it travels north to a catch basin approximately 30' north of the site. There appears to be a privately maintained storm drain system running parallel to South Escondido Boulevard from the catch basin through the adjacent mobile home property, draining to a natural channel (name unknown) leading to Kit Carson Creek – however, this system is not known to the city of Escondido and is not identified in any of the documents provided by the City.

c. EXISTING STORM DRAIN FACILITIES

As discussed in section II.a, the subject site is sparsely developed. There are no known onsite existing storm drain facilities.

Offsite, as mentioned in section II.b, there appears to be a privately maintained existing storm drain system parallel to South Escondido Boulevard, appearing to convey storm flows northerly towards the natural channel. However, there is no available information regarding this system. For the purpose of this analysis, this system will not be recognized as an existing facility and will be disregarded. There is no other known public storm drain system in South Escondido Boulevard along the site frontage.

III. HYDROLOGIC ANALYSIS

a. STORM FREQUENCY

This report will analyze the 100-year storm event for the existing and proposed project conditions per the City of Escondido Drainage Design Standards.

b. METHODOLOGY

The study site falls under the jurisdiction of the city of Escondido, in the County of San Diego. The County of San Diego accepts methodologies and practices as described in the San Diego County Hydrology Manual dated June 2003. This study was prepared using CivilD software (Version 7.3), in conformance with the San Diego County Hydrology Manual. Hydrology calculations analyzing the 100-year 6-hour storm event are provided in Appendix B. Parameters such as as runoff index and hydrology soils group type are shown in calculations in Appendix B.

c. EXISTING CONDITION

In the existing condition, approximately 2.7 cfs of offsite runon enters the project site at the eastern boundary. Offsite areas in the existing condition analysis consist of subareas A-1 through A-5. Storm flows continue to sheet flow uniformly in a westerly direction, as discussed in section II.b to a low point with an elevation of approximately 611' in the northwest corner of the project site. A total runoff for the project of 10.2 cfs is generated in the existing condition. The runoff quantities generated from the 100-year rational method analysis in the existing condition are tabulated in the Table III.1 below. Refer to Figure 1 in Appendix A.

Table III.1 Existing Condition Runoff

Existing Condition -Year Storm				
Subarea Designation	Node	Q_{100} (cfs)	Area (AC)	Runoff Coefficient
A-1	102	0.2	0.8	0.360
A-2		1.1	0.31	0.450
A-3		0.7	0.28	0.450
A-4		0.3	0.13	0.450
A-5		0.7	0.28	0.450
B-1	104	7.2	3.18	0.450
Total Project		10.2	4.26	0.450

d. PROPOSED CONDITION

The proposed development is comprised of 62 townhomes, required public and private roadway and public utility improvements, and drainage and water quality facilities. A portion of the neighboring property to the east is proposed be graded as a part of this project and runoff generated from the disturbed area shall enter the proposed drainage system. Impervious area within the proposed condition is generally comprised of rooftops, driveways, sidewalks, and minimal residential hardscaping, such as patios. Pervious areas include landscaping and the open space area.

The proposed condition overall drainage patterns will mimic the existing drainage patterns, with all onsite storm runoff emanating from the east, entering the proposed storm drain system via grate inlets within private alleys. The storm drain system conveys flows to a proposed underground storage system, consisting of three 10.5'W x 6.5'H storage facilities located beneath Alleys "B," "C," and "E." The storage facilities will be placed at the same elevation, connected to each other with a 12" pipe. The underground storage system will also be used for water quality and hydromodification mitigation purposes. Peak storm flows will outlet from the storage system via a 15" orifice to a proposed 24" RCP in South Escondido Boulevard. Offsite runon to the project from the property east of the proposed development will enter a proposed brow ditch along the edge of the open space area, entering a separate storm drain system along Alley "A" that will bypass the storage facility, outletting to a proposed curb inlet in South Escondido Boulevard north of the intersection of the main project entrance. Refer to Figure 2 in Appendix A.

The proposed development was analyzed using the county's rational method, which was then converted to a hydrograph using a function in the CivilD software. Outputs were then routed through the project's storage system using CivilD software and a defined stage-storage-discharge table.

Storm runoff and tributary watershed area summaries can be found in section IV below.

IV. PROPOSED ONSITE DRAINAGE FACILITIES

a. UNMITIGATED PEAK STORM FLOWS

Table IV.1 summarizes unmitigated storm flows from the onsite and offsite portions of the site based upon rational method analysis. "Onsite runoff" in this case is characterized by the runoff generated by the areas west of the proposed brow ditch in the open space area and the proposed pad on the neighboring property to the east of the project, denoted as subareas A-1 through A-4 and B-1, respectively in Figure 2 in Appendix A. "Offsite runoff" referred to in this section is characterized by the runoff emanating from areas east of the proposed brow ditch in the open space area, and is denoted as subarea C-1 in Figure 2 in Appendix A.

Because the unmitigated proposed discharge generated by the development would exceed the existing discharge, peak storm mitigation is provided as part of this project.

Table IV.1 Proposed Unmitigated Peak Storm Flows

Proposed Condition 100-Year Storm		
	Q_{100} (cfs)	Area (AC)
Onsite Runoff	15.6	3.26
Offsite Runoff	2.7	1.00
Total Project	18.3	4.26

Table IV.2 Proposed Unmitigated Peak Storm Flows

Proposed Condition 100-Year Storm		
	Q_{100} (cfs)	Area (AC)
Existing Condition	10.2	4.26
Proposed Unmitigated Condition	18.3	4.26
Delta	8.1	0

Table IV.3 Proposed Condition Rational Method Runoff Coefficients

Proposed Condition 100-Year Storm		
Subarea Designation	Area (AC)	Runoff Coefficient
A-1	0.06	0.360
A-2	0.47	0.360
A-3	1.43	0.780
A-4	1.22	0.780
B-1	0.08	0.690

b. MITIGATED PEAK STORM FLOWS

Based upon increased impervious ratios and decreased times of concentration, peak storm flows have increased from the existing to proposed conditions as shown above in section IV.a. An underground stormwater detention system consisting of three connected 10.5'W x 6.5'H facilities is proposed below Alleys "B," "C," and "E" in order to provide peak flow attenuation and hydromodification mitigation, as discussed in section III.d. The network of underground storage facilities was modeled as a single system in CivilD. This was accomplished by preparing a stage-storage-discharge analysis, where the volume at each stage was calculated by multiplying the footprint of all three facilities by the stage depth and a porosity factor of 0.85. The three facilities are to be interconnected by a 12" pipe placed at the invert of each facility, effectively acting as a single system. Because the facilities are proposed to be placed at the same elevation, a single head value for each stage was used in the analysis.

By routing peak storm flows, the peak discharge flow rates have been reduced to predevelopment levels. See summary Table IV.5 below. Basin routing calculations are provided in Appendix B.

Table IV.4 Proposed Mitigated Peak Storm Flows

	Proposed Condition 100-Year Storm	
	Q_{100} (cfs)	Area (AC)
Onsite Runoff	4.8	3.26
Offsite Runoff	2.7	1.00
Total Project	7.5	4.26

Table IV.5 Proposed Mitigated Peak Storm Flows

Proposed Condition 100-Year Storm		
	Q_{100} (cfs)	Area (AC)
Existing Condition	10.2	4.26
Proposed Mitigated Condition	7.5	4.26
Delta	-2.7	0

A separate project specific Storm Water Quality Management Plan (SWQMP) has been prepared for the overall project, which contains the required water quality calculations and corresponding hydromodification mitigation calculations.

V. SUMMARY

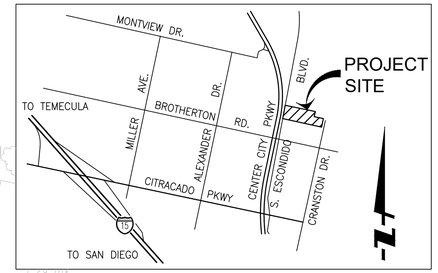
Based upon analyses provided in this report, the proposed development will not adversely impact the existing drainage conditions. As described previously, the existing drainage patterns will generally be preserved. Proposed onsite storm drain facilities will adequately convey peak storm flows through the project site to the proposed underground storage facilities and the proposed 24" RCP in South Escondido Boulevard while maintaining 100-year storm flood protection.

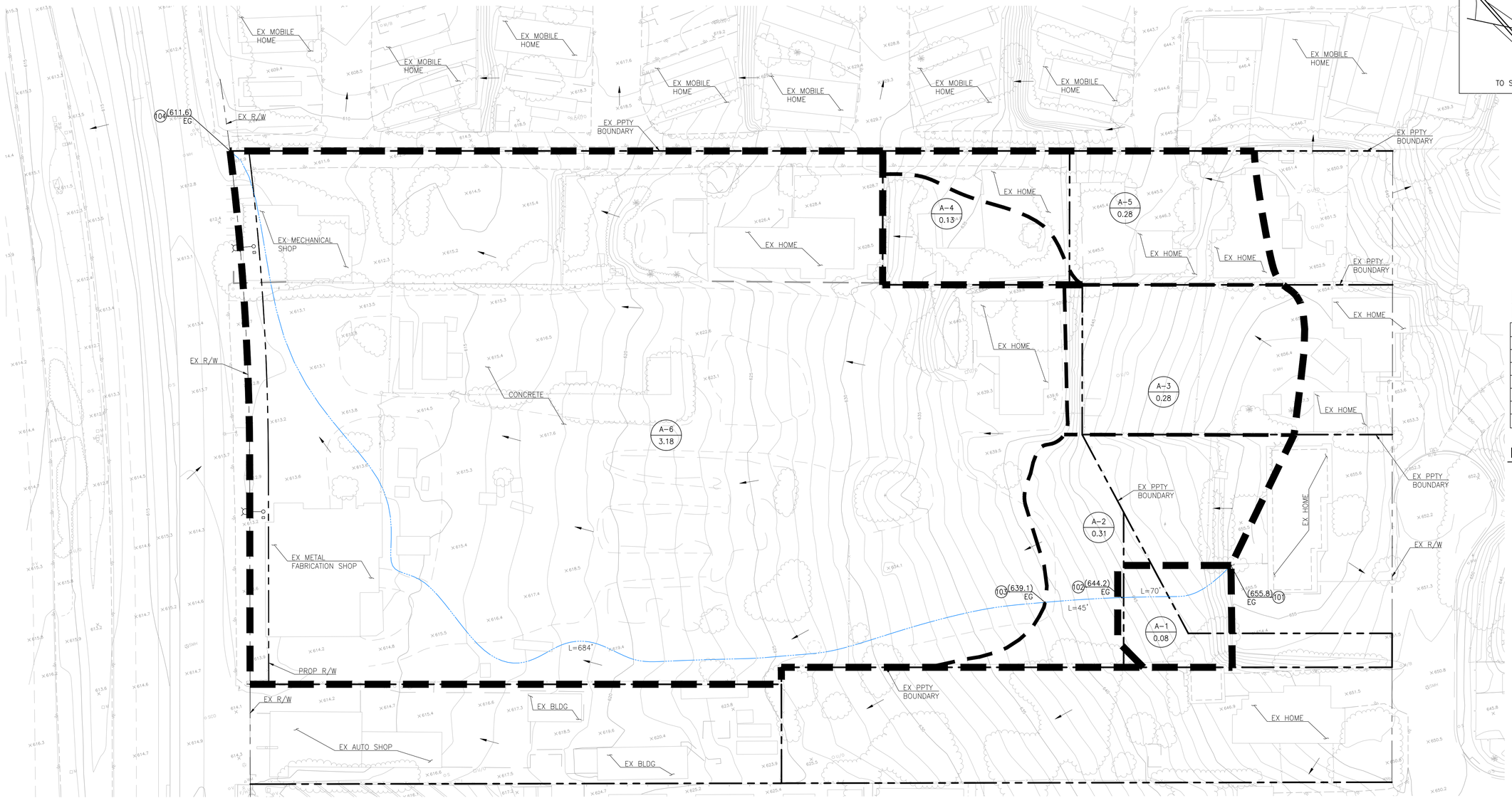
VI. REFERENCES

1. San Diego County Hydrology Manual (June, 2003)
2. City of Escondido Design Standards and Standard Drawings (April 2, 2014)
3. City of Escondido Drainage Master Plan (November, 1995)
4. City of Escondido General Plan (May, 2012)

APPENDIX A

VICINITY MAP





EXISTING CONDITION HYDROLOGY SUMMARY

SUBAREA DESIGNATION	NODE	Q_{100} (CFS)	AREA (AC)
A-1	102	0.2	0.08
A-2		1.1	0.31
A-3		0.7	0.28
A-4		0.3	0.13
A-5		0.7	0.28
B-1	104	7.2	3.18
TOTAL PROJECT		10.2	4.26

LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED PROPERTY BOUNDARY
- EXISTING RIGHT OF WAY
- PROPOSED MAJOR AREA BOUNDARY
- PROPOSED MINOR AREA BOUNDARY
- SURFACE FLOW PATH
- SURFACE FLOW DIRECTION
- (XXX.XX) EXISTING ELEVATION
- (101) PROPOSED NODE
- L=XXXX' SURFACE FLOW PATH LENGTH
- A / 0.83 DRAINAGE AREA DESIGNATION / ACREAGE

30' 0' 15' 30'
SCALE: 1" = 30'

FIGURE 1: EXISTING CONDITION HYDROLOGY MAP
TSM NO. 20-0006

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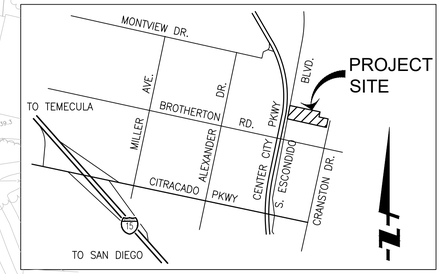
VICINITY MAP



PROPOSED CONDITION UMITIGATED FLOWS

SUBAREA DESIGNATION	NODE	Q_{100} (CFS)	AREA (AC)
A-1	102	0.2	0.06
A-2	103	1.2	0.47
A-3	104	8.1	1.43
A-4	105	5.8	1.22
B-1	202	0.5	0.08
C-1		2.7	1.00
TOTAL STUDY AREA OF WATERSHED		18.3	4.26

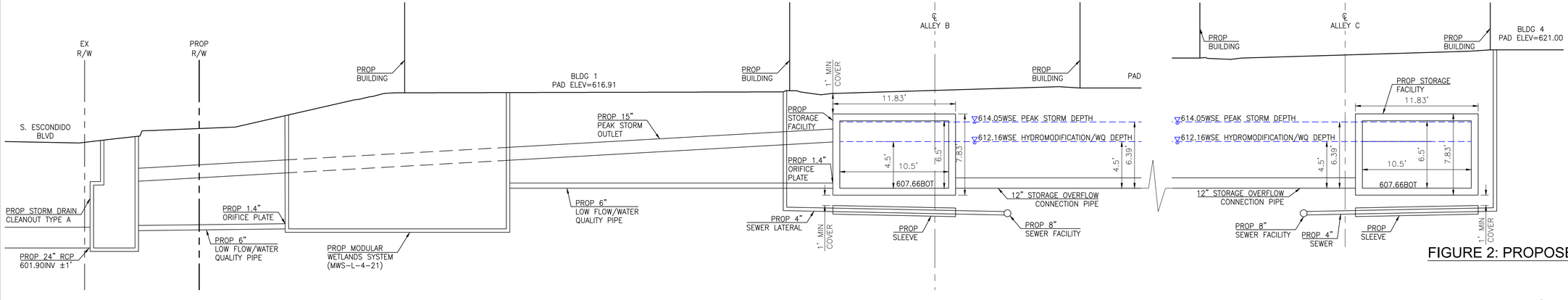
PROPOSED CONDITION HYDROLOGY SUMMARY

	Q_{50} (CFS)	AREA (AC)
EXISTING CONDITION	10.2	4.26
PROPOSED, UNMITIGATED CONDITION	18.3	4.26
PROPOSED, MITIGATED CONDITION	7.5	4.26
DELTA	-2.7	0

NOTES:
1. OFFSITE RUNON FROM SUBAREA C-1 (Q_{100}=2.7 CFS) ENTERS PROPOSED CONCRETE DITCH AND BYPASS STORM DRAIN SYSTEM, DISCHARGING TO A PROPOSED CURB INLET AT SOUTH ESCONDIDO BOULEVARD. CALCULATIONS FOR SUBAREA C-1 PROVIDED IN THE EXISTING CONDITION HYDROLOGY MAP.

LEGEND

- EXISTING PROPERTY BOUNDARY
- PROPOSED PROPERTY BOUNDARY
- EXISTING RIGHT OF WAY
- PROPOSED MAJOR AREA BOUNDARY
- PROPOSED MINOR AREA BOUNDARY
- SD — PROPOSED STORM DRAIN
- SD — PROPOSED BYPASS STORM DRAIN
- SD — PROPOSED WATER QUALITY STORM DRAIN
- PROPOSED CATCH BASIN
- PROPOSED GRATE
- PROPOSED WQ STORAGE
- PROPOSED CONCRETE DITCH
- MWS & PUMP — PROPOSED WATER QUALITY BMP
- SURFACE FLOW PATH
- SURFACE FLOW DIRECTION
- (XXX.XX) EXISTING ELEVATION
- (101) PROPOSED NODE
- FG FINISHED GRADE
- L=XXXX' SURFACE FLOW PATH LENGTH
- A / 0.83 DRAINAGE AREA DESIGNATION / ACREAGE



PROPOSED DRAINAGE SYSTEM CONCEPTUAL SECTION

1"=5'

A / 1

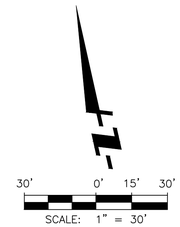


FIGURE 2: PROPOSED CONDITION HYDROLOGY MAP

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APPENDIX B

San Diego County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c)1991-2018 Version 9.0

Rational method hydrology program based on
San Diego County Flood Control Division 2003 hydrology manual
        Rational Hydrology Study   Date: 12/02/20

 *********   Hydrology Study Control Information **********

Program License Serial Number 6440

Rational hydrology study storm event year is   100.0
English (in-lb) input data Units used

Map data precipitation entered:
6 hour, precipitation(inches) = 3.100
24 hour precipitation(inches) = 5.290
P6/P24 =   58.6%
San Diego hydrology manual 'C' values used

++
Process from Point/Station   101.000 to Point/Station   102.000
**** INITIAL AREA EVALUATION ****
_____
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
[LOW DENSITY RESIDENTIAL   ]
(1.0 DU/A or Less   )
Impervious value, Ai = 0.100
Sub-Area C Value = 0.360
Initial subarea total flow distance =   70.000(Ft.)
Highest elevation = 655.800(Ft.)
Lowest elevation = 644.200(Ft.)
Elevation difference =   11.600(Ft.) Slope = 16.571 %
INITIAL AREA TIME OF CONCENTRATION CALCULATIONS:
The maximum overland flow distance is 100.00 (Ft)
for the top area slope value of 16.57 %, in a development type of
 1.0 DU/A or Less
In Accordance With Figure 3-3
Initial Area Time of Concentration =   5.22 minutes
TC = [1.8*(1.1-C)*distance(Ft.)^.5)/(% slope^(1/3)]

```
TC = [1.8*(1.1-0.3600)*( 100.000^.5)/(  16.570^(1/3)]=   5.22
Rainfall intensity (I) =      7.939(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.360
Subarea runoff =      0.229(CFS)
Total initial stream area =        0.080(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.715(CFS)
Depth of flow =   0.119(Ft.), Average velocity =   2.536(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              1.00
        2             20.00              0.00
        3             40.00              1.00
Manning's 'N' friction factor =   0.030
------------------------------------------------------------------
Sub-Channel flow  =      0.715(CFS)
  '     '        flow top width =      4.750(Ft.)
  '     '    velocity=    2.536(Ft/s)
  '     '        area =      0.282(Sq.Ft)
  '     '        Froude number =     1.834

Upstream point elevation =   644.200(Ft.)
Downstream point elevation =   639.100(Ft.)
Flow length =    45.000(Ft.)
Travel time  =    0.30 min.
Time of concentration =    5.52 min.
Depth of flow =   0.119(Ft.)
Average velocity =   2.536(Ft/s)
Total irregular channel flow =     0.715(CFS)
Irregular channel normal depth above invert elev. =   0.119(Ft.)
Average velocity of channel(s) =   2.536(Ft/s)
 Adding area flow to channel
Rainfall intensity (I) =      7.662(In/Hr) for a   100.0 year storm
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
[LOW DENSITY RESIDENTIAL                     ]
(2.9 DU/A or Less       )
Impervious value, Ai = 0.250
Sub-Area C Value = 0.450
Rainfall intensity =      7.662(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for total area
```

```
(Q=KCIA) is C = 0.432  CA =      0.168
Subarea runoff =      1.061(CFS) for      0.310(Ac.)
Total runoff =      1.290(CFS)  Total area =       0.390(Ac.)
Depth of flow =   0.148(Ft.), Average velocity =   2.938(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      103.000 to Point/Station      104.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      4.962(CFS)
Depth of flow =   0.298(Ft.), Average velocity =   2.789(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              1.00
        2             20.00              0.00
        3             40.00              1.00
Manning's 'N' friction factor =   0.030
------------------------------------------------------------------
Sub-Channel flow  =      4.962(CFS)
  '     '        flow top width =     11.931(Ft.)
  '     '    velocity=    2.789(Ft/s)
  '     '        area =      1.779(Sq.Ft)
  '     '        Froude number =     1.273

Upstream point elevation =   639.100(Ft.)
Downstream point elevation =   611.600(Ft.)
Flow length =   685.000(Ft.)
Travel time  =    4.09 min.
Time of concentration =    9.61 min.
Depth of flow =   0.298(Ft.)
Average velocity =   2.789(Ft/s)
Total irregular channel flow =     4.962(CFS)
Irregular channel normal depth above invert elev. =   0.298(Ft.)
Average velocity of channel(s) =   2.789(Ft/s)
 Adding area flow to channel
Rainfall intensity (I) =      5.357(In/Hr) for a   100.0 year storm
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
[LOW DENSITY RESIDENTIAL                    ]
(2.9 DU/A or Less       )
Impervious value, Ai = 0.250
Sub-Area C Value = 0.450
Rainfall intensity =      5.357(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for total area
(Q=KCIA) is C = 0.448  CA =      1.599
```

```
Subarea runoff =      7.278(CFS) for      3.180(Ac.)
Total runoff =      8.568(CFS)  Total area =       3.570(Ac.)
Depth of flow =   0.366(Ft.), Average velocity =   3.197(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      105.000 to Point/Station      106.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________________
Rainfall intensity (I) =      5.357(In/Hr) for a   100.0 year storm
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
[LOW DENSITY RESIDENTIAL                     ]
(2.9 DU/A or Less       )
Impervious value, Ai = 0.250
Sub-Area C Value = 0.450
Time of concentration =     9.61 min.
Rainfall intensity =      5.357(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for total area
(Q=KCIA) is C = 0.448  CA =      1.725
Subarea runoff =      0.675(CFS) for      0.280(Ac.)
Total runoff =      9.243(CFS)  Total area =       3.850(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      107.000 to Point/Station      108.000
**** SUBAREA FLOW ADDITION ****
_____________________________________________________________________________
Rainfall intensity (I) =      5.357(In/Hr) for a   100.0 year storm
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
[LOW DENSITY RESIDENTIAL                     ]
(2.9 DU/A or Less       )
Impervious value, Ai = 0.250
Sub-Area C Value = 0.450
Time of concentration =     9.61 min.
Rainfall intensity =      5.357(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for total area
(Q=KCIA) is C = 0.448  CA =      1.784
Subarea runoff =      0.313(CFS) for      0.130(Ac.)
Total runoff =      9.556(CFS)  Total area =       3.980(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      109.000 to Point/Station      110.000
**** SUBAREA FLOW ADDITION ****
```

```
Rainfall intensity (I) =      5.357(In/Hr) for a   100.0 year storm
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
[LOW DENSITY RESIDENTIAL                    ]
(2.9 DU/A or Less       )
Impervious value, Ai = 0.250
Sub-Area C Value = 0.450
Time of concentration =     9.61 min.
Rainfall intensity =      5.357(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for total area
(Q=KCIA) is C = 0.448  CA =      1.910
Subarea runoff =      0.675(CFS) for      0.280(Ac.)
Total runoff =     10.231(CFS)  Total area =       4.260(Ac.)
End of computations, total study area =           4.260 (Ac.)
```

San Diego County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c)1991-2018 Version 9.0

Rational method hydrology program based on
San Diego County Flood Control Division 2003 hydrology manual
        Rational Hydrology Study   Date: 12/02/20

 *********   Hydrology Study Control Information **********

Program License Serial Number 6440

Rational hydrology study storm event year is   100.0
English (in-lb) input data Units used

Map data precipitation entered:
6 hour, precipitation(inches) = 3.100
24 hour precipitation(inches) = 5.290
P6/P24 =   58.6%
San Diego hydrology manual 'C' values used

++
Process from Point/Station   101.000 to Point/Station   102.000
**** INITIAL AREA EVALUATION ****
_____
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
[LOW DENSITY RESIDENTIAL   ]
(1.0 DU/A or Less   )
Impervious value, Ai = 0.100
Sub-Area C Value = 0.360
Initial subarea total flow distance =   69.280(Ft.)
Highest elevation = 639.910(Ft.)
Lowest elevation = 628.720(Ft.)
Elevation difference =   11.190(Ft.) Slope = 16.152 %
INITIAL AREA TIME OF CONCENTRATION CALCULATIONS:
The maximum overland flow distance is 100.00 (Ft)
for the top area slope value of 16.15 %, in a development type of
 1.0 DU/A or Less
In Accordance With Figure 3-3
Initial Area Time of Concentration =   5.27 minutes
TC = [1.8*(1.1-C)*distance(Ft.)^.5)/(% slope^(1/3)]

```
TC = [1.8*(1.1-0.3600)*( 100.000^.5)/(  16.150^(1/3)]=   5.27
Rainfall intensity (I) =      7.896(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.360
Subarea runoff =      0.171(CFS)
Total initial stream area =        0.060(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      102.000 to Point/Station      103.000
**** IRREGULAR CHANNEL FLOW TRAVEL TIME ****
________________________________________________________________________
Estimated mean flow rate at midpoint of channel =      0.807(CFS)
Depth of flow =   0.152(Ft.), Average velocity =   1.754(Ft/s)
        ******* Irregular Channel Data ***********
------------------------------------------------------------------
Information entered for subchannel number 1 :
Point number      'X' coordinate     'Y' coordinate
        1              0.00              1.00
        2             20.00              0.00
        3             40.00              1.00
Manning's 'N' friction factor =   0.030
------------------------------------------------------------------
Sub-Channel flow  =      0.807(CFS)
  '     '        flow top width =      6.068(Ft.)
  '     '    velocity=    1.754(Ft/s)
  '     '        area =      0.460(Sq.Ft)
  '     '        Froude number =     1.122

Upstream point elevation =   628.720(Ft.)
Downstream point elevation =   625.570(Ft.)
Flow length =    80.570(Ft.)
Travel time  =    0.77 min.
Time of concentration =    6.04 min.
Depth of flow =   0.152(Ft.)
Average velocity =   1.754(Ft/s)
Total irregular channel flow =     0.807(CFS)
Irregular channel normal depth above invert elev. =   0.152(Ft.)
Average velocity of channel(s) =   1.754(Ft/s)
 Adding area flow to channel
Rainfall intensity (I) =      7.234(In/Hr) for a   100.0 year storm
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
[LOW DENSITY RESIDENTIAL                     ]
(1.0 DU/A or Less       )
Impervious value, Ai = 0.100
Sub-Area C Value = 0.360
Rainfall intensity =      7.234(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for total area
```

```
(Q=KCIA) is C = 0.360  CA =      0.191
Subarea runoff =      1.210(CFS) for      0.470(Ac.)
Total runoff =      1.380(CFS)  Total area =       0.530(Ac.)
Depth of flow =   0.186(Ft.), Average velocity =   2.005(Ft/s)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      103.000 to Point/Station      103.000
**** SUBAREA FLOW ADDITION ****
________________________________________________________________________
Rainfall intensity (I) =      7.234(In/Hr) for a   100.0 year storm
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
[HIGH DENSITY RESIDENTIAL                    ]
(43.0 DU/A or Less      )
Impervious value, Ai = 0.800
Sub-Area C Value = 0.780
Time of concentration =     6.04 min.
Rainfall intensity =      7.234(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for total area
(Q=KCIA) is C = 0.666  CA =      1.306
Subarea runoff =      8.069(CFS) for      1.430(Ac.)
Total runoff =      9.449(CFS)  Total area =       1.960(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      103.000 to Point/Station      103.000
**** CONFLUENCE OF MAIN STREAMS ****
________________________________________________________________________
The following data inside Main Stream is listed:
In Main Stream number: 1
Stream flow area =      1.960(Ac.)
Runoff from this stream =      9.449(CFS)
Time of concentration =    6.04 min.
Rainfall intensity =     7.234(In/Hr)
Program is now starting with Main Stream No. 2


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      201.000 to Point/Station      202.000
**** INITIAL AREA EVALUATION ****
________________________________________________________________________
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
[HIGH DENSITY RESIDENTIAL                    ]
(24.0 DU/A or Less      )
```

```
Impervious value, Ai = 0.650
Sub-Area C Value = 0.690
Initial subarea total flow distance  =   83.000(Ft.)
Highest elevation =  656.160(Ft.)
Lowest elevation =  654.180(Ft.)
Elevation difference =    1.980(Ft.) Slope =  2.386 %
INITIAL AREA TIME OF CONCENTRATION CALCULATIONS:
The maximum overland flow distance is 75.00 (Ft)
for the top area slope value of   2.39 %, in a development type of
 24.0 DU/A or Less
In Accordance With Figure 3-3
Initial Area Time of Concentration =   4.78 minutes
TC = [1.8*(1.1-C)*distance(Ft.)^.5)/(% slope^(1/3)]
TC = [1.8*(1.1-0.6900)*(  75.000^.5)/(   2.390^(1/3)]=   4.78
The initial area total distance of   83.00 (Ft.) entered leaves a
remaining distance of    8.00 (Ft.)
Using Figure 3-4, the travel time for this distance is   0.16 minutes
for a distance of   8.00 (Ft.) and a slope of  2.39 %
with an elevation difference of   0.19(Ft.) from the end of the top area
Tt = [11.9*length(Mi)^3)/(elevation change(Ft.))]^.385 *60(min/hr)
 =    0.163 Minutes
Tt=[(11.9*0.0015^3)/(  0.19)]^.385=  0.16
Total initial area Ti =   4.78 minutes from Figure 3-3 formula plus
  0.16 minutes from the Figure 3-4 formula =   4.94 minutes
Calculated TC of    4.943 minutes is less than 5 minutes,
 resetting TC to 5.0 minutes for rainfall intensity calculations
Rainfall intensity (I) =      8.168(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for area (Q=KCIA) is C = 0.690
Subarea runoff =      0.451(CFS)
Total initial stream area =        0.080(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      202.000 to Point/Station      103.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
________________________________________________________________________
Upstream point/station elevation =   652.000(Ft.)
Downstream point/station elevation =   617.970(Ft.)
Pipe length  =   272.00(Ft.) Slope =   0.1251  Manning's N = 0.012
No. of pipes = 1  Required pipe flow  =     0.451(CFS)
Nearest computed pipe diameter  =      6.00(In.)
Calculated individual pipe flow  =     0.451(CFS)
Normal flow depth in pipe =    1.87(In.)
Flow top width inside pipe =    5.55(In.)
Critical Depth =    4.11(In.)
Pipe flow velocity =      8.67(Ft/s)
Travel time through pipe =    0.52 min.
Time of concentration (TC) =     5.47 min.
```

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      103.000 to Point/Station      103.000
**** CONFLUENCE OF MAIN STREAMS ****
______________________________________________________________________________
The following data inside Main Stream is listed:
In Main Stream number: 2
Stream flow area =      0.080(Ac.)
Runoff from this stream =      0.451(CFS)
Time of concentration =    5.47 min.
Rainfall intensity =     7.711(In/Hr)
Summary of stream data:

Stream   Flow rate      TC            Rainfall Intensity
 No.       (CFS)       (min)                (In/Hr)


1        9.449      6.04                 7.234
2        0.451      5.47                 7.711
Qmax(1) =
           1.000 *    1.000 *     9.449) +
           0.938 *    1.000 *     0.451) + =       9.872
Qmax(2) =
           1.000 *    0.906 *     9.449) +
           1.000 *    1.000 *     0.451) + =       9.009

Total of 2 main streams to confluence:
Flow rates before confluence point:
       9.449       0.451
Maximum flow rates at confluence using above data:
        9.872        9.009
Area of streams before confluence:
        1.960        0.080


Results of confluence:
Total flow rate =      9.872(CFS)
Time of concentration =     6.035 min.
Effective stream area after confluence  =      2.040(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      103.000 to Point/Station      104.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   617.070(Ft.)
Downstream point/station elevation =   614.200(Ft.)
Pipe length  =   287.00(Ft.) Slope =   0.0100  Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =     9.872(CFS)
Nearest computed pipe diameter  =     18.00(In.)
Calculated individual pipe flow  =     9.872(CFS)
```

```
Normal flow depth in pipe =   13.88(In.)
Flow top width inside pipe =   15.13(In.)
Critical Depth =   14.54(In.)
Pipe flow velocity =      6.76(Ft/s)
Travel time through pipe =    0.71 min.
Time of concentration (TC) =     6.74 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      105.000 to Point/Station      105.000
**** SUBAREA FLOW ADDITION ****
______________________________________________________________________________
Rainfall intensity (I) =      6.735(In/Hr) for a   100.0 year storm
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 0.000
Decimal fraction soil group C = 1.000
Decimal fraction soil group D = 0.000
[HIGH DENSITY RESIDENTIAL                    ]
(43.0 DU/A or Less      )
Impervious value, Ai = 0.800
Sub-Area C Value = 0.780
Time of concentration =     6.74 min.
Rainfall intensity =      6.735(In/Hr) for a   100.0 year storm
Effective runoff coefficient used for total area
(Q=KCIA) is C = 0.710  CA =      2.313
Subarea runoff =      5.705(CFS) for      1.220(Ac.)
Total runoff =     15.577(CFS)  Total area =       3.260(Ac.)


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      105.000 to Point/Station      106.000
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****
______________________________________________________________________________
Upstream point/station elevation =   614.200(Ft.)
Downstream point/station elevation =   613.000(Ft.)
Pipe length  =   120.00(Ft.) Slope =   0.0100  Manning's N = 0.013
No. of pipes = 1  Required pipe flow  =    15.577(CFS)
Nearest computed pipe diameter  =     21.00(In.)
Calculated individual pipe flow  =    15.577(CFS)
Normal flow depth in pipe =   16.90(In.)
Flow top width inside pipe =   16.65(In.)
Critical Depth =   17.51(In.)
Pipe flow velocity =      7.51(Ft/s)
Travel time through pipe =    0.27 min.
Time of concentration (TC) =     7.01 min.


++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
Process from Point/Station      106.000 to Point/Station      106.000
**** 6 HOUR HYDROGRAPH ****
```

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Hydrograph Data - Section 6, San Diego County Hydrology manual, June 2003

Time of Concentration = 7.01
Basin Area = 3.26 Acres
6 Hour Rainfall = 3.100 Inches
Runoff Coefficient = 0.710
Peak Discharge = 15.58 CFS

Time (Min)	Discharge (CFS)
0	0.000
7	0.430
14	0.436
21	0.447
28	0.454
35	0.467
42	0.474
49	0.488
56	0.496
63	0.512
70	0.521
77	0.540
84	0.550
91	0.572
98	0.583
105	0.608
112	0.622
119	0.652
126	0.668
133	0.705
140	0.725
147	0.770
154	0.795
161	0.852
168	0.885
175	0.962
182	1.008
189	1.117
196	1.185
203	1.358
210	1.473
217	1.800
224	2.051
231	3.011
238	4.242
245	15.577
252	2.415
259	1.616
266	1.264

273	1.059
280	0.922
287	0.822
294	0.746
301	0.686
308	0.637
315	0.596
322	0.561
329	0.530
336	0.504
343	0.481
350	0.460
357	0.442
364	0.425

++

6 - H O U R S T O R M

R u n o f f H y d r o g r a p h

Hydrograph in 1 Minute intervals ((CFS))

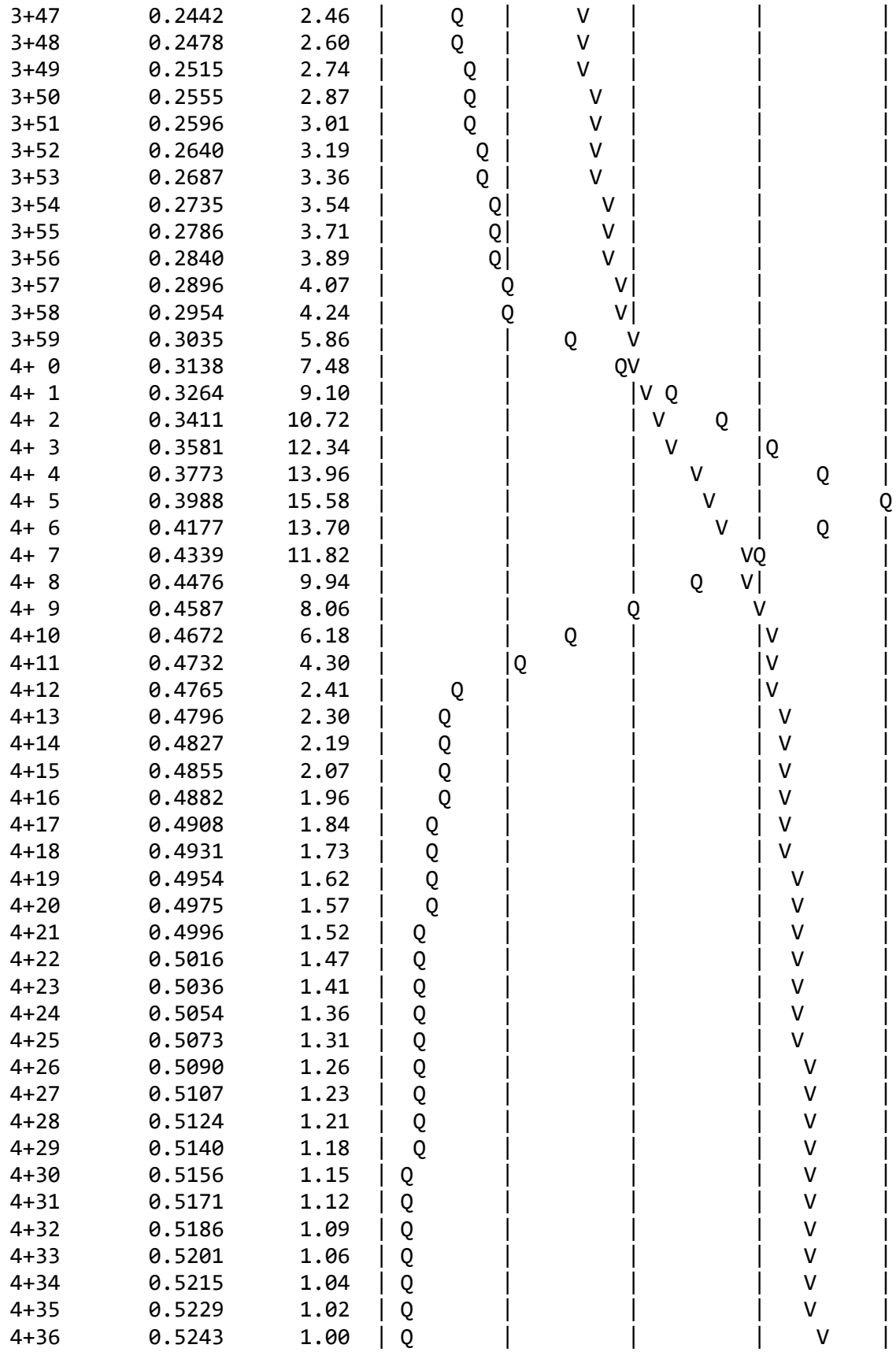
Time(h+m)	Volume Ac.Ft	Q(CFS)	0	3.9	7.8	11.7	15.6
0+ 0	0.0000	0.00	Q	|	|	|	|
0+ 1	0.0001	0.06	Q	|	|	|	|
0+ 2	0.0003	0.12	Q	|	|	|	|
0+ 3	0.0005	0.18	Q	|	|	|	|
0+ 4	0.0008	0.25	Q	|	|	|	|
0+ 5	0.0013	0.31	Q	|	|	|	|
0+ 6	0.0018	0.37	Q	|	|	|	|
0+ 7	0.0024	0.43	VQ	|	|	|	|
0+ 8	0.0030	0.43	VQ	|	|	|	|
0+ 9	0.0036	0.43	VQ	|	|	|	|
0+10	0.0042	0.43	VQ	|	|	|	|
0+11	0.0048	0.43	VQ	|	|	|	|
0+12	0.0053	0.43	VQ	|	|	|	|
0+13	0.0059	0.43	VQ	|	|	|	|
0+14	0.0065	0.44	VQ	|	|	|	|
0+15	0.0072	0.44	VQ	|	|	|	|
0+16	0.0078	0.44	VQ	|	|	|	|
0+17	0.0084	0.44	VQ	|	|	|	|
0+18	0.0090	0.44	VQ	|	|	|	|
0+19	0.0096	0.44	VQ	|	|	|	|
0+20	0.0102	0.45	VQ	|	|	|	|
0+21	0.0108	0.45	VQ	|	|	|	|
0+22	0.0114	0.45	VQ	|	|	|	|
0+23	0.0121	0.45	VQ	|	|	|	|
0+24	0.0127	0.45	VQ	|	|	|	|
0+25	0.0133	0.45	VQ	|	|	|	|
0+26	0.0139	0.45	VQ	|	|	|	|

```
0+27       0.0145      0.45  VQ        |         |         |         |
0+28       0.0152      0.45  |Q        |         |         |         |
0+29       0.0158      0.46  |Q        |         |         |         |
0+30       0.0164      0.46  |Q        |         |         |         |
0+31       0.0171      0.46  |Q        |         |         |         |
0+32       0.0177      0.46  |Q        |         |         |         |
0+33       0.0183      0.46  |Q        |         |         |         |
0+34       0.0190      0.46  |Q        |         |         |         |
0+35       0.0196      0.47  |Q        |         |         |         |
0+36       0.0203      0.47  |Q        |         |         |         |
0+37       0.0209      0.47  |Q        |         |         |         |
0+38       0.0215      0.47  |Q        |         |         |         |
0+39       0.0222      0.47  |Q        |         |         |         |
0+40       0.0228      0.47  |Q        |         |         |         |
0+41       0.0235      0.47  |Q        |         |         |         |
0+42       0.0241      0.47  |Q        |         |         |         |
0+43       0.0248      0.48  |Q        |         |         |         |
0+44       0.0255      0.48  |Q        |         |         |         |
0+45       0.0261      0.48  |Q        |         |         |         |
0+46       0.0268      0.48  |Q        |         |         |         |
0+47       0.0275      0.48  |Q        |         |         |         |
0+48       0.0281      0.49  |Q        |         |         |         |
0+49       0.0288      0.49  |Q        |         |         |         |
0+50       0.0295      0.49  |Q        |         |         |         |
0+51       0.0301      0.49  |QV       |         |         |         |
0+52       0.0308      0.49  |QV       |         |         |         |
0+53       0.0315      0.49  |QV       |         |         |         |
0+54       0.0322      0.49  |QV       |         |         |         |
0+55       0.0329      0.49  |QV       |         |         |         |
0+56       0.0335      0.50  |QV       |         |         |         |
0+57       0.0342      0.50  |QV       |         |         |         |
0+58       0.0349      0.50  |QV       |         |         |         |
0+59       0.0356      0.50  |QV       |         |         |         |
1+ 0       0.0363      0.51  |QV       |         |         |         |
1+ 1       0.0370      0.51  |QV       |         |         |         |
1+ 2       0.0377      0.51  |QV       |         |         |         |
1+ 3       0.0384      0.51  |QV       |         |         |         |
1+ 4       0.0391      0.51  |QV       |         |         |         |
1+ 5       0.0398      0.51  |QV       |         |         |         |
1+ 6       0.0405      0.52  |QV       |         |         |         |
1+ 7       0.0413      0.52  |QV       |         |         |         |
1+ 8       0.0420      0.52  |QV       |         |         |         |
1+ 9       0.0427      0.52  |QV       |         |         |         |
1+10       0.0434      0.52  |QV       |         |         |         |
1+11       0.0441      0.52  |QV       |         |         |         |
1+12       0.0449      0.53  |Q V      |         |         |         |
1+13       0.0456      0.53  |Q V      |         |         |         |
1+14       0.0463      0.53  |Q V      |         |         |         |
1+15       0.0471      0.53  |Q V      |         |         |         |
1+16       0.0478      0.54  |Q V      |         |         |         |
```

1+17	0.0485	0.54	|Q V	|	|	|	|
1+18	0.0493	0.54	|Q V	|	|	|	|
1+19	0.0500	0.54	|Q V	|	|	|	|
1+20	0.0508	0.54	|Q V	|	|	|	|
1+21	0.0515	0.55	|Q V	|	|	|	|
1+22	0.0523	0.55	|Q V	|	|	|	|
1+23	0.0530	0.55	|Q V	|	|	|	|
1+24	0.0538	0.55	|Q V	|	|	|	|
1+25	0.0546	0.55	|Q V	|	|	|	|
1+26	0.0553	0.56	|Q V	|	|	|	|
1+27	0.0561	0.56	|Q V	|	|	|	|
1+28	0.0569	0.56	|Q V	|	|	|	|
1+29	0.0576	0.57	|Q V	|	|	|	|
1+30	0.0584	0.57	|Q V	|	|	|	|
1+31	0.0592	0.57	|Q V	|	|	|	|
1+32	0.0600	0.57	|Q V	|	|	|	|
1+33	0.0608	0.57	|Q V	|	|	|	|
1+34	0.0616	0.58	|Q V	|	|	|	|
1+35	0.0624	0.58	|Q V	|	|	|	|
1+36	0.0632	0.58	|Q V	|	|	|	|
1+37	0.0640	0.58	|Q V	|	|	|	|
1+38	0.0648	0.58	|Q V	|	|	|	|
1+39	0.0656	0.59	|Q V	|	|	|	|
1+40	0.0664	0.59	|Q V	|	|	|	|
1+41	0.0672	0.59	|Q V	|	|	|	|
1+42	0.0681	0.60	|Q V	|	|	|	|
1+43	0.0689	0.60	|Q V	|	|	|	|
1+44	0.0697	0.60	|Q V	|	|	|	|
1+45	0.0706	0.61	|Q V	|	|	|	|
1+46	0.0714	0.61	|Q V	|	|	|	|
1+47	0.0722	0.61	|Q V	|	|	|	|
1+48	0.0731	0.61	|Q V	|	|	|	|
1+49	0.0739	0.62	|Q V	|	|	|	|
1+50	0.0748	0.62	|Q V	|	|	|	|
1+51	0.0756	0.62	|Q V	|	|	|	|
1+52	0.0765	0.62	|Q V	|	|	|	|
1+53	0.0774	0.63	|Q V	|	|	|	|
1+54	0.0782	0.63	|Q V	|	|	|	|
1+55	0.0791	0.63	|Q V	|	|	|	|
1+56	0.0800	0.64	|Q V	|	|	|	|
1+57	0.0809	0.64	|Q V	|	|	|	|
1+58	0.0818	0.65	|Q V	|	|	|	|
1+59	0.0827	0.65	|Q V	|	|	|	|
2+ 0	0.0836	0.65	|Q V	|	|	|	|
2+ 1	0.0845	0.66	|Q V	|	|	|	|
2+ 2	0.0854	0.66	|Q V	|	|	|	|
2+ 3	0.0863	0.66	|Q V	|	|	|	|
2+ 4	0.0872	0.66	|Q V	|	|	|	|
2+ 5	0.0881	0.67	|Q V	|	|	|	|
2+ 6	0.0890	0.67	|Q V	|	|	|	|

```
2+ 7       0.0900      0.67  |Q    V   |          |          |          |
2+ 8       0.0909      0.68  |Q    V   |          |          |          |
2+ 9       0.0918      0.68  |Q    V   |          |          |          |
2+10       0.0928      0.69  |Q    V   |          |          |          |
2+11       0.0938      0.69  |Q    V   |          |          |          |
2+12       0.0947      0.70  |Q    V   |          |          |          |
2+13       0.0957      0.70  |Q    V   |          |          |          |
2+14       0.0967      0.71  |Q    V   |          |          |          |
2+15       0.0976      0.71  |Q    V   |          |          |          |
2+16       0.0986      0.71  |Q    V   |          |          |          |
2+17       0.0996      0.72  |Q    V   |          |          |          |
2+18       0.1006      0.72  |Q    V   |          |          |          |
2+19       0.1016      0.72  |Q    V   |          |          |          |
2+20       0.1026      0.72  |Q    V   |          |          |          |
2+21       0.1036      0.73  |Q    V   |          |          |          |
2+22       0.1046      0.74  |Q    V   |          |          |          |
2+23       0.1056      0.74  |Q     V  |          |          |          |
2+24       0.1067      0.75  |Q     V  |          |          |          |
2+25       0.1077      0.76  |Q     V  |          |          |          |
2+26       0.1088      0.76  |Q     V  |          |          |          |
2+27       0.1098      0.77  |Q     V  |          |          |          |
2+28       0.1109      0.77  |Q     V  |          |          |          |
2+29       0.1120      0.78  |Q     V  |          |          |          |
2+30       0.1130      0.78  | Q    V  |          |          |          |
2+31       0.1141      0.78  | Q    V  |          |          |          |
2+32       0.1152      0.79  | Q    V  |          |          |          |
2+33       0.1163      0.79  | Q    V  |          |          |          |
2+34       0.1174      0.79  | Q    V  |          |          |          |
2+35       0.1185      0.80  | Q    V  |          |          |          |
2+36       0.1196      0.81  | Q     V |          |          |          |
2+37       0.1207      0.82  | Q     V |          |          |          |
2+38       0.1219      0.83  | Q     V |          |          |          |
2+39       0.1230      0.84  | Q     V |          |          |          |
2+40       0.1242      0.84  | Q     V |          |          |          |
2+41       0.1254      0.85  | Q     V |          |          |          |
2+42       0.1265      0.86  | Q     V |          |          |          |
2+43       0.1277      0.86  | Q     V |          |          |          |
2+44       0.1289      0.87  | Q     V |          |          |          |
2+45       0.1301      0.87  | Q     V |          |          |          |
2+46       0.1313      0.88  | Q     V |          |          |          |
2+47       0.1325      0.88  | Q     V |          |          |          |
2+48       0.1338      0.89  | Q     V |          |          |          |
2+49       0.1350      0.90  | Q      V|          |          |          |
2+50       0.1362      0.91  | Q      V|          |          |          |
2+51       0.1375      0.92  | Q      V|          |          |          |
2+52       0.1388      0.93  | Q      V|          |          |          |
2+53       0.1401      0.94  | Q      V|          |          |          |
2+54       0.1414      0.95  | Q      V|          |          |          |
2+55       0.1427      0.96  | Q      V|          |          |          |
2+56       0.1441      0.97  | Q      V|          |          |          |
```

```
2+57       0.1454      0.98  | Q      V|          |          |          |
2+58       0.1467      0.98  | Q      V|          |          |          |
2+59       0.1481      0.99  | Q      V|          |          |          |
3+ 0       0.1495      0.99  | Q      V|          |          |          |
3+ 1       0.1509      1.00  | Q       V          |          |          |
3+ 2       0.1522      1.01  | Q       V          |          |          |
3+ 3       0.1537      1.02  | Q       V          |          |          |
3+ 4       0.1551      1.04  | Q       V          |          |          |
3+ 5       0.1565      1.05  | Q       V          |          |          |
3+ 6       0.1580      1.07  | Q       V          |          |          |
3+ 7       0.1595      1.09  | Q       V          |          |          |
3+ 8       0.1610      1.10  | Q       V          |          |          |
3+ 9       0.1626      1.12  | Q       V          |          |          |
3+10       0.1641      1.13  | Q       V          |          |          |
3+11       0.1657      1.14  | Q       |V          |          |          |
3+12       0.1673      1.15  | Q       |V          |          |          |
3+13       0.1689      1.16  | Q       |V          |          |          |
3+14       0.1705      1.17  | Q       |V          |          |          |
3+15       0.1721      1.18  |  Q      |V          |          |          |
3+16       0.1737      1.19  |  Q      |V          |          |          |
3+17       0.1754      1.21  |  Q      |V          |          |          |
3+18       0.1771      1.23  |  Q      |V          |          |          |
3+19       0.1788      1.26  |  Q      |V          |          |          |
3+20       0.1806      1.28  |  Q      | V         |          |          |
3+21       0.1824      1.31  |  Q      | V         |          |          |
3+22       0.1842      1.33  |  Q      | V         |          |          |
3+23       0.1861      1.36  |  Q      | V         |          |          |
3+24       0.1880      1.37  |  Q      | V         |          |          |
3+25       0.1899      1.39  |  Q      | V         |          |          |
3+26       0.1918      1.41  |  Q      | V         |          |          |
3+27       0.1938      1.42  |  Q      | V         |          |          |
3+28       0.1958      1.44  |  Q      |  V        |          |          |
3+29       0.1978      1.46  |  Q      |  V        |          |          |
3+30       0.1998      1.47  |  Q      |  V        |          |          |
3+31       0.2019      1.52  |  Q      |  V        |          |          |
3+32       0.2041      1.57  |   Q     |  V        |          |          |
3+33       0.2063      1.61  |   Q     |  V        |          |          |
3+34       0.2086      1.66  |   Q     |  V        |          |          |
3+35       0.2109      1.71  |   Q     |   V       |          |          |
3+36       0.2134      1.75  |   Q     |   V       |          |          |
3+37       0.2158      1.80  |   Q     |   V       |          |          |
3+38       0.2184      1.84  |   Q     |   V       |          |          |
3+39       0.2209      1.87  |   Q     |   V       |          |          |
3+40       0.2236      1.91  |   Q     |   V       |          |          |
3+41       0.2262      1.94  |   Q     |    V      |          |          |
3+42       0.2290      1.98  |    Q    |    V      |          |          |
3+43       0.2317      2.01  |    Q    |    V      |          |          |
3+44       0.2346      2.05  |    Q    |    V      |          |          |
3+45       0.2376      2.19  |    Q    |    V      |          |          |
3+46       0.2408      2.32  |    Q    |     V     |          |          |
```



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4+37      0.5256      0.98  | Q       |         |         |    V    |
4+38      0.5269      0.96  | Q       |         |         |    V    |
4+39      0.5282      0.94  | Q       |         |         |    V    |
4+40      0.5295      0.92  | Q       |         |         |    V    |
4+41      0.5308      0.91  | Q       |         |         |    V    |
4+42      0.5320      0.89  | Q       |         |         |    V    |
4+43      0.5332      0.88  | Q       |         |         |    V    |
4+44      0.5344      0.86  | Q       |         |         |    V    |
4+45      0.5356      0.85  | Q       |         |         |    V    |
4+46      0.5367      0.84  | Q       |         |         |    V    |
4+47      0.5379      0.82  | Q       |         |         |    V    |
4+48      0.5390      0.81  | Q       |         |         |     V   |
4+49      0.5401      0.80  | Q       |         |         |     V   |
4+50      0.5412      0.79  | Q       |         |         |     V   |
4+51      0.5422      0.78  |Q        |         |         |     V   |
4+52      0.5433      0.77  |Q        |         |         |     V   |
4+53      0.5443      0.76  |Q        |         |         |     V   |
4+54      0.5454      0.75  |Q        |         |         |     V   |
4+55      0.5464      0.74  |Q        |         |         |     V   |
4+56      0.5474      0.73  |Q        |         |         |     V   |
4+57      0.5484      0.72  |Q        |         |         |     V   |
4+58      0.5494      0.71  |Q        |         |         |     V   |
4+59      0.5503      0.70  |Q        |         |         |     V   |
5+ 0      0.5513      0.69  |Q        |         |         |     V   |
5+ 1      0.5522      0.69  |Q        |         |         |     V   |
5+ 2      0.5532      0.68  |Q        |         |         |      V  |
5+ 3      0.5541      0.67  |Q        |         |         |      V  |
5+ 4      0.5550      0.66  |Q        |         |         |      V  |
5+ 5      0.5559      0.66  |Q        |         |         |      V  |
5+ 6      0.5568      0.65  |Q        |         |         |      V  |
5+ 7      0.5577      0.64  |Q        |         |         |      V  |
5+ 8      0.5586      0.64  |Q        |         |         |      V  |
5+ 9      0.5594      0.63  |Q        |         |         |      V  |
5+10      0.5603      0.62  |Q        |         |         |      V  |
5+11      0.5611      0.62  |Q        |         |         |      V  |
5+12      0.5620      0.61  |Q        |         |         |      V  |
5+13      0.5628      0.61  |Q        |         |         |      V  |
5+14      0.5637      0.60  |Q        |         |         |      V  |
5+15      0.5645      0.60  |Q        |         |         |      V  |
5+16      0.5653      0.59  |Q        |         |         |      V  |
5+17      0.5661      0.59  |Q        |         |         |      V  |
5+18      0.5669      0.58  |Q        |         |         |      V  |
5+19      0.5677      0.58  |Q        |         |         |      V  |
5+20      0.5685      0.57  |Q        |         |         |       V |
5+21      0.5693      0.57  |Q        |         |         |       V |
5+22      0.5700      0.56  |Q        |         |         |       V |
5+23      0.5708      0.56  |Q        |         |         |       V |
5+24      0.5716      0.55  |Q        |         |         |       V |
5+25      0.5723      0.55  |Q        |         |         |       V |
5+26      0.5731      0.54  |Q        |         |         |       V |
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    5+27       0.5738      0.54  |Q        |         |         |       V |
    5+28       0.5745      0.53  |Q        |         |         |       V |
    5+29       0.5753      0.53  |Q        |         |         |       V |
    5+30       0.5760      0.53  |Q        |         |         |       V |
    5+31       0.5767      0.52  |Q        |         |         |       V |
    5+32       0.5774      0.52  |Q        |         |         |       V |
    5+33       0.5781      0.52  |Q        |         |         |       V |
    5+34       0.5788      0.51  |Q        |         |         |       V |
    5+35       0.5795      0.51  |Q        |         |         |       V |
    5+36       0.5802      0.50  |Q        |         |         |       V |
    5+37       0.5809      0.50  |Q        |         |         |       V |
    5+38       0.5816      0.50  |Q        |         |         |       V |
    5+39       0.5823      0.49  |Q        |         |         |       V |
    5+40       0.5830      0.49  |Q        |         |         |       V |
    5+41       0.5836      0.49  |Q        |         |         |        V|
    5+42       0.5843      0.48  |Q        |         |         |        V|
    5+43       0.5850      0.48  |Q        |         |         |        V|
    5+44       0.5856      0.48  |Q        |         |         |        V|
    5+45       0.5863      0.47  |Q        |         |         |        V|
    5+46       0.5869      0.47  |Q        |         |         |        V|
    5+47       0.5876      0.47  |Q        |         |         |        V|
    5+48       0.5882      0.47  |Q        |         |         |        V|
    5+49       0.5889      0.46  |Q        |         |         |        V|
    5+50       0.5895      0.46  |Q        |         |         |        V|
    5+51       0.5901      0.46  |Q        |         |         |        V|
    5+52       0.5907      0.45  |Q        |         |         |        V|
    5+53       0.5914      0.45  |Q        |         |         |        V|
    5+54       0.5920      0.45  |Q        |         |         |        V|
    5+55       0.5926      0.45  |Q        |         |         |        V|
    5+56       0.5932      0.44  |Q        |         |         |        V|
    5+57       0.5938      0.44  |Q        |         |         |        V|
    5+58       0.5944      0.44  |Q        |         |         |        V|
    5+59       0.5950      0.44  |Q        |         |         |        V|
    6+ 0       0.5956      0.43  |Q        |         |         |        V|
    6+ 1       0.5962      0.43  |Q        |         |         |        V|
    6+ 2       0.5968      0.43  |Q        |         |         |        V|
    6+ 3       0.5974      0.43  |Q        |         |         |        V|
    6+ 4       0.5980      0.42  |Q        |         |         |         V
-------------------------------------------------------------------------


    End of computations, total study area =          3.260 (Ac.)
```

FLOOD HYDROGRAPH ROUTING PROGRAM
Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2018
Study date: 01/19/21

Escondido 3.4 Prop Routing 100yr
2021-01-19
C.S.

Program License Serial Number 6440

********** HYDROGRAPH INFORMATION **********

From study/file name: escondidoprop100yrstorm.rte
**********HYDROGRAPH DATA**********
Number of intervals = 364
Time interval = 1.0 (Min.)
Maximum/Peak flow rate = 15.577 (CFS)
Total volume = 0.598 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

++
Process from Point/Station 0.000 to Point/Station 0.000
**** RETARDING BASIN ROUTING ****
_____

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 364
Hydrograph time unit = 1.000 (Min.)
Initial depth in storage basin = 0.00(Ft.)

Initial basin depth = 0.00 (Ft.)

Initial basin storage = 0.00 (Ac.Ft)
Initial basin outflow = 0.00 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
1.000	0.070	0.052	0.070	0.070
2.000	0.150	0.074	0.150	0.150
3.000	0.220	0.091	0.220	0.220
4.500	0.330	0.112	0.330	0.330
5.750	0.420	4.954	0.417	0.423
6.000	0.440	5.841	0.436	0.444
6.250	0.460	6.609	0.455	0.465
6.500	0.480	7.295	0.475	0.485

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0 3.9 7.79 11.68 15.58	Depth (Ft.)
0.017	0.06	0.00	0.000	O | | | |	0.00
0.033	0.12	0.00	0.000	O | | | |	0.00
0.050	0.18	0.00	0.000	O | | | |	0.01
0.067	0.25	0.00	0.001	O | | | |	0.01
0.083	0.31	0.00	0.001	O | | | |	0.02
0.100	0.37	0.00	0.002	O | | | |	0.02
0.117	0.43	0.00	0.002	O | | | |	0.03
0.133	0.43	0.00	0.003	O | | | |	0.04
0.150	0.43	0.00	0.003	O | | | |	0.05
0.167	0.43	0.00	0.004	O | | | |	0.05
0.183	0.43	0.00	0.004	O | | | |	0.06
0.200	0.43	0.00	0.005	O | | | |	0.07
0.217	0.43	0.00	0.006	O | | | |	0.08
0.233	0.44	0.00	0.006	O | | | |	0.09
0.250	0.44	0.01	0.007	O | | | |	0.10
0.267	0.44	0.01	0.007	O | | | |	0.11
0.283	0.44	0.01	0.008	O | | | |	0.11
0.300	0.44	0.01	0.009	O | | | |	0.12
0.317	0.44	0.01	0.009	O | | | |	0.13
0.333	0.45	0.01	0.010	O | | | |	0.14
0.350	0.45	0.01	0.010	O | | | |	0.15
0.367	0.45	0.01	0.011	O | | | |	0.16
0.383	0.45	0.01	0.012	O | | | |	0.17
0.400	0.45	0.01	0.012	O | | | |	0.17
0.417	0.45	0.01	0.013	O | | | |	0.18

0.433	0.45	0.01	0.013	O				0.19
0.450	0.45	0.01	0.014	O				0.20
0.467	0.45	0.01	0.015	O				0.21
0.483	0.46	0.01	0.015	O				0.22
0.500	0.46	0.01	0.016	O				0.23
0.517	0.46	0.01	0.017	O				0.24
0.533	0.46	0.01	0.017	O				0.24
0.550	0.46	0.01	0.018	O				0.25
0.567	0.46	0.01	0.018	O				0.26
0.583	0.47	0.01	0.019	O				0.27
0.600	0.47	0.01	0.020	O				0.28
0.617	0.47	0.02	0.020	O				0.29
0.633	0.47	0.02	0.021	O				0.30
0.650	0.47	0.02	0.021	O				0.31
0.667	0.47	0.02	0.022	O				0.32
0.683	0.47	0.02	0.023	O				0.32
0.700	0.47	0.02	0.023	O				0.33
0.717	0.48	0.02	0.024	O				0.34
0.733	0.48	0.02	0.025	O				0.35
0.750	0.48	0.02	0.025	O				0.36
0.767	0.48	0.02	0.026	O				0.37
0.783	0.48	0.02	0.027	O				0.38
0.800	0.49	0.02	0.027	O				0.39
0.817	0.49	0.02	0.028	OI				0.40
0.833	0.49	0.02	0.028	OI				0.41
0.850	0.49	0.02	0.029	OI				0.42
0.867	0.49	0.02	0.030	OI				0.43
0.883	0.49	0.02	0.030	OI				0.43
0.900	0.49	0.02	0.031	OI				0.44
0.917	0.49	0.02	0.032	OI				0.45
0.933	0.50	0.02	0.032	OI				0.46
0.950	0.50	0.02	0.033	OI				0.47
0.967	0.50	0.03	0.034	OI				0.48
0.983	0.50	0.03	0.034	OI				0.49
1.000	0.51	0.03	0.035	OI				0.50
1.017	0.51	0.03	0.036	OI				0.51
1.033	0.51	0.03	0.036	OI				0.52
1.050	0.51	0.03	0.037	OI				0.53
1.067	0.51	0.03	0.038	OI				0.54
1.083	0.51	0.03	0.038	OI				0.55
1.100	0.52	0.03	0.039	OI				0.56
1.117	0.52	0.03	0.040	OI				0.57
1.133	0.52	0.03	0.040	OI				0.58
1.150	0.52	0.03	0.041	OI				0.59
1.167	0.52	0.03	0.042	OI				0.60
1.183	0.52	0.03	0.042	OI				0.60
1.200	0.53	0.03	0.043	OI				0.61
1.217	0.53	0.03	0.044	OI				0.62
1.233	0.53	0.03	0.044	OI				0.63
1.250	0.53	0.03	0.045	OI				0.64

1.267	0.54	0.03	0.046	OI				0.65
1.283	0.54	0.03	0.046	OI				0.66
1.300	0.54	0.04	0.047	OI				0.67
1.317	0.54	0.04	0.048	OI				0.68
1.333	0.54	0.04	0.049	OI				0.69
1.350	0.55	0.04	0.049	OI				0.70
1.367	0.55	0.04	0.050	OI				0.71
1.383	0.55	0.04	0.051	OI				0.72
1.400	0.55	0.04	0.051	OI				0.73
1.417	0.55	0.04	0.052	OI				0.74
1.433	0.56	0.04	0.053	OI				0.75
1.450	0.56	0.04	0.053	OI				0.76
1.467	0.56	0.04	0.054	OI				0.77
1.483	0.57	0.04	0.055	OI				0.78
1.500	0.57	0.04	0.056	OI				0.80
1.517	0.57	0.04	0.056	OI				0.81
1.533	0.57	0.04	0.057	OI				0.82
1.550	0.57	0.04	0.058	OI				0.83
1.567	0.58	0.04	0.059	OI				0.84
1.583	0.58	0.04	0.059	OI				0.85
1.600	0.58	0.04	0.060	OI				0.86
1.617	0.58	0.05	0.061	OI				0.87
1.633	0.58	0.05	0.062	OI				0.88
1.650	0.59	0.05	0.062	OI				0.89
1.667	0.59	0.05	0.063	OI				0.90
1.683	0.59	0.05	0.064	OI				0.91
1.700	0.60	0.05	0.065	OI				0.92
1.717	0.60	0.05	0.065	OI				0.93
1.733	0.60	0.05	0.066	OI				0.94
1.750	0.61	0.05	0.067	OI				0.95
1.767	0.61	0.05	0.068	OI				0.97
1.783	0.61	0.05	0.068	OI				0.98
1.800	0.61	0.05	0.069	OI				0.99
1.817	0.62	0.05	0.070	OI				1.00
1.833	0.62	0.05	0.071	OI				1.01
1.850	0.62	0.05	0.071	OI				1.02
1.867	0.62	0.05	0.072	OI				1.03
1.883	0.63	0.05	0.073	OI				1.04
1.900	0.63	0.05	0.074	OI				1.05
1.917	0.63	0.05	0.075	OI				1.06
1.933	0.64	0.05	0.075	OI				1.07
1.950	0.64	0.05	0.076	OI				1.08
1.967	0.65	0.05	0.077	OI				1.09
1.983	0.65	0.05	0.078	OI				1.10
2.000	0.65	0.05	0.079	OI				1.11
2.017	0.66	0.05	0.080	OI				1.12
2.033	0.66	0.05	0.080	OI				1.13
2.050	0.66	0.06	0.081	OI				1.14
2.067	0.66	0.06	0.082	OI				1.15
2.083	0.67	0.06	0.083	OI				1.16

2.100	0.67	0.06	0.084	OI				1.17
2.117	0.67	0.06	0.085	OI				1.18
2.133	0.68	0.06	0.085	OI				1.19
2.150	0.68	0.06	0.086	OI				1.20
2.167	0.69	0.06	0.087	OI				1.21
2.183	0.69	0.06	0.088	OI				1.23
2.200	0.70	0.06	0.089	OI				1.24
2.217	0.70	0.06	0.090	OI				1.25
2.233	0.71	0.06	0.091	OI				1.26
2.250	0.71	0.06	0.092	OI				1.27
2.267	0.71	0.06	0.092	OI				1.28
2.283	0.72	0.06	0.093	OI				1.29
2.300	0.72	0.06	0.094	OI				1.30
2.317	0.72	0.06	0.095	OI				1.32
2.333	0.72	0.06	0.096	OI				1.33
2.350	0.73	0.06	0.097	OI				1.34
2.367	0.74	0.06	0.098	OI				1.35
2.383	0.74	0.06	0.099	OI				1.36
2.400	0.75	0.06	0.100	OI				1.37
2.417	0.76	0.06	0.101	OI				1.39
2.433	0.76	0.06	0.102	OI				1.40
2.450	0.77	0.06	0.103	OI				1.41
2.467	0.77	0.06	0.104	OI				1.42
2.483	0.78	0.06	0.105	OI				1.43
2.500	0.78	0.06	0.106	OI				1.45
2.517	0.78	0.06	0.107	OI				1.46
2.533	0.79	0.06	0.108	OI				1.47
2.550	0.79	0.06	0.109	OI				1.48
2.567	0.79	0.06	0.110	OI				1.50
2.583	0.80	0.06	0.111	OI				1.51
2.600	0.81	0.06	0.112	OI				1.52
2.617	0.82	0.06	0.113	OI				1.53
2.633	0.83	0.06	0.114	OI				1.55
2.650	0.84	0.06	0.115	OI				1.56
2.667	0.84	0.06	0.116	OI				1.57
2.683	0.85	0.06	0.117	OI				1.59
2.700	0.86	0.07	0.118	OI				1.60
2.717	0.86	0.07	0.119	OI				1.61
2.733	0.87	0.07	0.120	OI				1.63
2.750	0.87	0.07	0.121	OI				1.64
2.767	0.88	0.07	0.123	OI				1.66
2.783	0.88	0.07	0.124	OI				1.67
2.800	0.89	0.07	0.125	OI				1.68
2.817	0.90	0.07	0.126	OI				1.70
2.833	0.91	0.07	0.127	OI				1.71
2.850	0.92	0.07	0.128	OI				1.73
2.867	0.93	0.07	0.129	OI				1.74
2.883	0.94	0.07	0.131	OI				1.76
2.900	0.95	0.07	0.132	OI				1.77
2.917	0.96	0.07	0.133	OI				1.79

2.933	0.97	0.07	0.134	OI	|	|	|	1.80
2.950	0.98	0.07	0.135	O I	|	|	|	1.82
2.967	0.98	0.07	0.137	O I	|	|	|	1.83
2.983	0.99	0.07	0.138	O I	|	|	|	1.85
3.000	0.99	0.07	0.139	O I	|	|	|	1.87
3.017	1.00	0.07	0.141	O I	|	|	|	1.88
3.033	1.01	0.07	0.142	O I	|	|	|	1.90
3.050	1.02	0.07	0.143	O I	|	|	|	1.91
3.067	1.04	0.07	0.144	O I	|	|	|	1.93
3.083	1.05	0.07	0.146	O I	|	|	|	1.95
3.100	1.07	0.07	0.147	O I	|	|	|	1.96
3.117	1.09	0.07	0.149	O I	|	|	|	1.98
3.133	1.10	0.07	0.150	O I	|	|	|	2.00
3.150	1.12	0.07	0.151	O I	|	|	|	2.02
3.167	1.13	0.07	0.153	O I	|	|	|	2.04
3.183	1.14	0.08	0.154	O I	|	|	|	2.06
3.200	1.15	0.08	0.156	O I	|	|	|	2.08
3.217	1.16	0.08	0.157	O I	|	|	|	2.10
3.233	1.17	0.08	0.159	O I	|	|	|	2.12
3.250	1.18	0.08	0.160	O I	|	|	|	2.15
3.267	1.19	0.08	0.162	O I	|	|	|	2.17
3.283	1.21	0.08	0.163	O I	|	|	|	2.19
3.300	1.23	0.08	0.165	O I	|	|	|	2.21
3.317	1.26	0.08	0.166	O I	|	|	|	2.24
3.333	1.28	0.08	0.168	O I	|	|	|	2.26
3.350	1.31	0.08	0.170	O I	|	|	|	2.28
3.367	1.33	0.08	0.171	O I	|	|	|	2.31
3.383	1.36	0.08	0.173	O I	|	|	|	2.33
3.400	1.37	0.08	0.175	O I	|	|	|	2.36
3.417	1.39	0.08	0.177	O I	|	|	|	2.38
3.433	1.41	0.08	0.179	O I	|	|	|	2.41
3.450	1.42	0.08	0.180	O I	|	|	|	2.44
3.467	1.44	0.08	0.182	O I	|	|	|	2.46
3.483	1.46	0.08	0.184	O I	|	|	|	2.49
3.500	1.47	0.08	0.186	O I	|	|	|	2.52
3.517	1.52	0.08	0.188	O I	|	|	|	2.54
3.533	1.57	0.08	0.190	O I	|	|	|	2.57
3.550	1.61	0.08	0.192	O I	|	|	|	2.60
3.567	1.66	0.08	0.194	O I	|	|	|	2.63
3.583	1.71	0.09	0.196	O I	|	|	|	2.66
3.600	1.75	0.09	0.199	O I	|	|	|	2.70
3.617	1.80	0.09	0.201	O I	|	|	|	2.73
3.633	1.84	0.09	0.203	O I	|	|	|	2.76
3.650	1.87	0.09	0.206	O I	|	|	|	2.80
3.667	1.91	0.09	0.208	O I	|	|	|	2.83
3.683	1.94	0.09	0.211	O I	|	|	|	2.87
3.700	1.98	0.09	0.213	O I	|	|	|	2.91
3.717	2.01	0.09	0.216	O I	|	|	|	2.94
3.733	2.05	0.09	0.219	O I	|	|	|	2.98
3.750	2.19	0.09	0.222	O I	|	|	|	3.02

3.767	2.32	0.09	0.225	O I	|	|	|	3.06
3.783	2.46	0.09	0.228	O I	|	|	|	3.11
3.800	2.60	0.09	0.231	O I	|	|	|	3.15
3.817	2.74	0.09	0.235	O I	|	|	|	3.20
3.833	2.87	0.09	0.238	O I	|	|	|	3.25
3.850	3.01	0.10	0.242	O I	|	|	|	3.30
3.867	3.19	0.10	0.246	O I	|	|	|	3.36
3.883	3.36	0.10	0.251	O I	|	|	|	3.42
3.900	3.54	0.10	0.255	O I	|	|	|	3.48
3.917	3.71	0.10	0.260	O I	|	|	|	3.55
3.933	3.89	0.10	0.265	O I	|	|	|	3.62
3.950	4.07	0.10	0.271	O I	|	|	|	3.69
3.967	4.24	0.10	0.276	O I	|	|	|	3.77
3.983	5.86	0.10	0.283	O | I	|	|	|	3.86
4.000	7.48	0.10	0.292	O | I	|	|	|	3.98
4.017	9.10	0.11	0.303	O | I	|	|	|	4.14
4.033	10.72	0.11	0.317	O | I	|	|	|	4.32
4.050	12.34	0.25	0.333	O | I	|	|	|	4.54
4.067	13.96	1.17	0.350	| O I	|	|	|	4.77
4.083	15.58	2.14	0.368	| O I	|	|	|	5.02
4.100	13.70	3.04	0.384	| O I	|	|	|	5.26
4.117	11.82	3.73	0.397	| O I	|	|	|	5.43
4.133	9.94	4.24	0.407	| O I	|	|	|	5.57
4.150	8.06	4.58	0.413	| O I	|	|	|	5.65
4.167	6.18	4.76	0.416	| O I	|	|	|	5.70
4.183	4.30	4.80	0.417	| O I	|	|	|	5.71
4.200	2.41	4.69	0.415	| O I	|	|	|	5.68
4.217	2.30	4.53	0.412	| O I	|	|	|	5.64
4.233	2.19	4.36	0.409	| O I	|	|	|	5.60
4.250	2.07	4.20	0.406	| O I	|	|	|	5.56
4.267	1.96	4.05	0.403	| O I	|	|	|	5.52
4.283	1.84	3.89	0.400	| O I	|	|	|	5.48
4.300	1.73	3.74	0.397	| O I	|	|	|	5.44
4.317	1.62	3.60	0.395	| O I	|	|	|	5.40
4.333	1.57	3.45	0.392	| O I	|	|	|	5.36
4.350	1.52	3.32	0.390	| O I	|	|	|	5.33
4.367	1.47	3.19	0.387	| O I	|	|	|	5.29
4.383	1.41	3.06	0.385	| O I	|	|	|	5.26
4.400	1.36	2.94	0.383	| O I	|	|	|	5.23
4.417	1.31	2.83	0.380	| O I	|	|	|	5.20
4.433	1.26	2.72	0.378	| O I	|	|	|	5.17
4.450	1.23	2.61	0.376	| O I	|	|	|	5.15
4.467	1.21	2.51	0.375	| O I	|	|	|	5.12
4.483	1.18	2.42	0.373	| O I	|	|	|	5.10
4.500	1.15	2.33	0.371	| O I	|	|	|	5.07
4.517	1.12	2.24	0.370	| O I	|	|	|	5.05
4.533	1.09	2.16	0.368	| O I	|	|	|	5.03
4.550	1.06	2.08	0.367	| O I	|	|	|	5.01
4.567	1.04	2.01	0.365	| O I	|	|	|	4.99
4.583	1.02	1.94	0.364	| O I	|	|	|	4.97

4.600	1.00	1.87	0.363	IO				4.95
4.617	0.98	1.81	0.362	IO				4.94
4.633	0.96	1.75	0.360	I O				4.92
4.650	0.94	1.69	0.359	I O				4.91
4.667	0.92	1.64	0.358	I O				4.89
4.683	0.91	1.59	0.357	I O				4.88
4.700	0.89	1.54	0.357	I O				4.87
4.717	0.88	1.49	0.356	I O				4.86
4.733	0.86	1.45	0.355	IO				4.84
4.750	0.85	1.40	0.354	IO				4.83
4.767	0.84	1.36	0.353	IO				4.82
4.783	0.82	1.33	0.353	IO				4.81
4.800	0.81	1.29	0.352	IO				4.80
4.817	0.80	1.26	0.351	IO				4.80
4.833	0.79	1.22	0.351	IO				4.79
4.850	0.78	1.19	0.350	IO				4.78
4.867	0.77	1.16	0.350	IO				4.77
4.883	0.76	1.13	0.349	IO				4.76
4.900	0.75	1.11	0.348	IO				4.76
4.917	0.74	1.08	0.348	IO				4.75
4.933	0.73	1.05	0.348	IO				4.74
4.950	0.72	1.03	0.347	IO				4.74
4.967	0.71	1.01	0.347	IO				4.73
4.983	0.70	0.99	0.346	IO				4.73
5.000	0.69	0.97	0.346	O				4.72
5.017	0.69	0.95	0.346	O				4.72
5.033	0.68	0.93	0.345	O				4.71
5.050	0.67	0.91	0.345	O				4.71
5.067	0.66	0.89	0.345	O				4.70
5.083	0.66	0.88	0.344	O				4.70
5.100	0.65	0.86	0.344	O				4.69
5.117	0.64	0.85	0.344	O				4.69
5.133	0.64	0.83	0.343	O				4.69
5.150	0.63	0.82	0.343	O				4.68
5.167	0.62	0.80	0.343	O				4.68
5.183	0.62	0.79	0.343	O				4.68
5.200	0.61	0.78	0.342	O				4.67
5.217	0.61	0.77	0.342	O				4.67
5.233	0.60	0.75	0.342	O				4.67
5.250	0.60	0.74	0.342	O				4.66
5.267	0.59	0.73	0.342	O				4.66
5.283	0.59	0.72	0.341	O				4.66
5.300	0.58	0.71	0.341	O				4.65
5.317	0.58	0.70	0.341	O				4.65
5.333	0.57	0.69	0.341	O				4.65
5.350	0.57	0.68	0.341	O				4.65
5.367	0.56	0.68	0.340	O				4.65
5.383	0.56	0.67	0.340	O				4.64
5.400	0.55	0.66	0.340	O				4.64
5.417	0.55	0.65	0.340	O				4.64

5.433	0.54	0.64	0.340	|O	|	|	|	4.64
5.450	0.54	0.64	0.340	|O	|	|	|	4.64
5.467	0.53	0.63	0.340	|O	|	|	|	4.63
5.483	0.53	0.62	0.339	|O	|	|	|	4.63
5.500	0.53	0.62	0.339	|O	|	|	|	4.63
5.517	0.52	0.61	0.339	|O	|	|	|	4.63
5.533	0.52	0.60	0.339	|O	|	|	|	4.63
5.550	0.52	0.60	0.339	|O	|	|	|	4.63
5.567	0.51	0.59	0.339	|O	|	|	|	4.62
5.583	0.51	0.59	0.339	|O	|	|	|	4.62
5.600	0.50	0.58	0.339	|O	|	|	|	4.62
5.617	0.50	0.57	0.339	|O	|	|	|	4.62
5.633	0.50	0.57	0.338	|O	|	|	|	4.62
5.650	0.49	0.56	0.338	|O	|	|	|	4.62
5.667	0.49	0.56	0.338	|O	|	|	|	4.62
5.683	0.49	0.55	0.338	|O	|	|	|	4.61
5.700	0.48	0.55	0.338	IO	|	|	|	4.61
5.717	0.48	0.54	0.338	IO	|	|	|	4.61
5.733	0.48	0.54	0.338	IO	|	|	|	4.61
5.750	0.47	0.53	0.338	IO	|	|	|	4.61
5.767	0.47	0.53	0.338	IO	|	|	|	4.61
5.783	0.47	0.53	0.338	IO	|	|	|	4.61
5.800	0.47	0.52	0.338	IO	|	|	|	4.61
5.817	0.46	0.52	0.338	IO	|	|	|	4.60
5.833	0.46	0.51	0.337	IO	|	|	|	4.60
5.850	0.46	0.51	0.337	IO	|	|	|	4.60
5.867	0.45	0.51	0.337	IO	|	|	|	4.60
5.883	0.45	0.50	0.337	IO	|	|	|	4.60
5.900	0.45	0.50	0.337	IO	|	|	|	4.60
5.917	0.45	0.49	0.337	IO	|	|	|	4.60
5.933	0.44	0.49	0.337	IO	|	|	|	4.60
5.950	0.44	0.49	0.337	IO	|	|	|	4.60
5.967	0.44	0.48	0.337	O	|	|	|	4.60
5.983	0.44	0.48	0.337	O	|	|	|	4.60
6.000	0.43	0.48	0.337	O	|	|	|	4.59
6.017	0.43	0.47	0.337	O	|	|	|	4.59
6.033	0.43	0.47	0.337	O	|	|	|	4.59
6.050	0.43	0.47	0.337	O	|	|	|	4.59
6.067	0.42	0.47	0.337	O	|	|	|	4.59
6.083	0.00	0.45	0.336	O	|	|	|	4.59
6.100	0.00	0.42	0.336	O	|	|	|	4.58
6.117	0.00	0.39	0.335	O	|	|	|	4.57
6.133	0.00	0.36	0.335	O	|	|	|	4.56
6.150	0.00	0.33	0.334	O	|	|	|	4.56
6.167	0.00	0.31	0.334	O	|	|	|	4.55
6.183	0.00	0.29	0.333	O	|	|	|	4.55
6.200	0.00	0.27	0.333	O	|	|	|	4.54
6.217	0.00	0.25	0.333	O	|	|	|	4.53
6.233	0.00	0.23	0.332	O	|	|	|	4.53
6.250	0.00	0.21	0.332	O	|	|	|	4.53

6.267	0.00	0.20	0.332	O				4.52
6.283	0.00	0.18	0.331	O				4.52
6.300	0.00	0.17	0.331	O				4.52
6.317	0.00	0.16	0.331	O				4.51
6.333	0.00	0.15	0.331	O				4.51
6.350	0.00	0.14	0.330	O				4.51
6.367	0.00	0.13	0.330	O				4.50
6.383	0.00	0.12	0.330	O				4.50
6.400	0.00	0.11	0.330	O				4.50
6.417	0.00	0.11	0.330	O				4.50
6.433	0.00	0.11	0.330	O				4.50
6.450	0.00	0.11	0.329	O				4.49
6.467	0.00	0.11	0.329	O				4.49
6.483	0.00	0.11	0.329	O				4.49
6.500	0.00	0.11	0.329	O				4.49
6.517	0.00	0.11	0.329	O				4.48
6.533	0.00	0.11	0.329	O				4.48
6.550	0.00	0.11	0.329	O				4.48
6.567	0.00	0.11	0.328	O				4.48
6.583	0.00	0.11	0.328	O				4.48
6.600	0.00	0.11	0.328	O				4.47
6.617	0.00	0.11	0.328	O				4.47
6.633	0.00	0.11	0.328	O				4.47
6.650	0.00	0.11	0.328	O				4.47
6.667	0.00	0.11	0.327	O				4.47
6.683	0.00	0.11	0.327	O				4.46
6.700	0.00	0.11	0.327	O				4.46
6.717	0.00	0.11	0.327	O				4.46
6.733	0.00	0.11	0.327	O				4.46
6.750	0.00	0.11	0.327	O				4.46
6.767	0.00	0.11	0.327	O				4.45
6.783	0.00	0.11	0.326	O				4.45
6.800	0.00	0.11	0.326	O				4.45
6.817	0.00	0.11	0.326	O				4.45
6.833	0.00	0.11	0.326	O				4.44
6.850	0.00	0.11	0.326	O				4.44
6.867	0.00	0.11	0.326	O				4.44
6.883	0.00	0.11	0.325	O				4.44
6.900	0.00	0.11	0.325	O				4.44
6.917	0.00	0.11	0.325	O				4.43
6.933	0.00	0.11	0.325	O				4.43
6.950	0.00	0.11	0.325	O				4.43
6.967	0.00	0.11	0.325	O				4.43
6.983	0.00	0.11	0.325	O				4.43
7.000	0.00	0.11	0.324	O				4.42
7.017	0.00	0.11	0.324	O				4.42
7.033	0.00	0.11	0.324	O				4.42
7.050	0.00	0.11	0.324	O				4.42
7.067	0.00	0.11	0.324	O				4.42
7.083	0.00	0.11	0.324	O				4.41

7.100	0.00	0.11	0.324	O				4.41
7.117	0.00	0.11	0.323	O				4.41
7.133	0.00	0.11	0.323	O				4.41
7.150	0.00	0.11	0.323	O				4.41
7.167	0.00	0.11	0.323	O				4.40
7.183	0.00	0.11	0.323	O				4.40
7.200	0.00	0.11	0.323	O				4.40
7.217	0.00	0.11	0.322	O				4.40
7.233	0.00	0.11	0.322	O				4.39
7.250	0.00	0.11	0.322	O				4.39
7.267	0.00	0.11	0.322	O				4.39
7.283	0.00	0.11	0.322	O				4.39
7.300	0.00	0.11	0.322	O				4.39
7.317	0.00	0.11	0.322	O				4.38
7.333	0.00	0.11	0.321	O				4.38
7.350	0.00	0.11	0.321	O				4.38
7.367	0.00	0.11	0.321	O				4.38
7.383	0.00	0.11	0.321	O				4.38
7.400	0.00	0.11	0.321	O				4.37
7.417	0.00	0.11	0.321	O				4.37
7.433	0.00	0.11	0.320	O				4.37
7.450	0.00	0.11	0.320	O				4.37
7.467	0.00	0.11	0.320	O				4.37
7.483	0.00	0.11	0.320	O				4.36
7.500	0.00	0.11	0.320	O				4.36
7.517	0.00	0.11	0.320	O				4.36
7.533	0.00	0.11	0.320	O				4.36
7.550	0.00	0.11	0.319	O				4.36
7.567	0.00	0.11	0.319	O				4.35
7.583	0.00	0.11	0.319	O				4.35
7.600	0.00	0.11	0.319	O				4.35
7.617	0.00	0.11	0.319	O				4.35
7.633	0.00	0.11	0.319	O				4.35
7.650	0.00	0.11	0.318	O				4.34
7.667	0.00	0.11	0.318	O				4.34
7.683	0.00	0.11	0.318	O				4.34
7.700	0.00	0.11	0.318	O				4.34
7.717	0.00	0.11	0.318	O				4.33
7.733	0.00	0.11	0.318	O				4.33
7.750	0.00	0.11	0.318	O				4.33
7.767	0.00	0.11	0.317	O				4.33
7.783	0.00	0.11	0.317	O				4.33
7.800	0.00	0.11	0.317	O				4.32
7.817	0.00	0.11	0.317	O				4.32
7.833	0.00	0.11	0.317	O				4.32
7.850	0.00	0.11	0.317	O				4.32
7.867	0.00	0.11	0.317	O				4.32
7.883	0.00	0.11	0.316	O				4.31
7.900	0.00	0.11	0.316	O				4.31
7.917	0.00	0.11	0.316	O				4.31

7.933	0.00	0.11	0.316	O				4.31
7.950	0.00	0.11	0.316	O				4.31
7.967	0.00	0.11	0.316	O				4.30
7.983	0.00	0.11	0.315	O				4.30
8.000	0.00	0.11	0.315	O				4.30
8.017	0.00	0.11	0.315	O				4.30
8.033	0.00	0.11	0.315	O				4.30
8.050	0.00	0.11	0.315	O				4.29
8.067	0.00	0.11	0.315	O				4.29
8.083	0.00	0.11	0.315	O				4.29
8.100	0.00	0.11	0.314	O				4.29
8.117	0.00	0.11	0.314	O				4.29
8.133	0.00	0.11	0.314	O				4.28
8.150	0.00	0.11	0.314	O				4.28
8.167	0.00	0.11	0.314	O				4.28
8.183	0.00	0.11	0.314	O				4.28
8.200	0.00	0.11	0.314	O				4.28
8.217	0.00	0.11	0.313	O				4.27
8.233	0.00	0.11	0.313	O				4.27
8.250	0.00	0.11	0.313	O				4.27
8.267	0.00	0.11	0.313	O				4.27
8.283	0.00	0.11	0.313	O				4.27
8.300	0.00	0.11	0.313	O				4.26
8.317	0.00	0.11	0.312	O				4.26
8.333	0.00	0.11	0.312	O				4.26
8.350	0.00	0.11	0.312	O				4.26
8.367	0.00	0.11	0.312	O				4.25
8.383	0.00	0.11	0.312	O				4.25
8.400	0.00	0.11	0.312	O				4.25
8.417	0.00	0.11	0.312	O				4.25
8.433	0.00	0.11	0.311	O				4.25
8.450	0.00	0.11	0.311	O				4.24
8.467	0.00	0.11	0.311	O				4.24
8.483	0.00	0.11	0.311	O				4.24
8.500	0.00	0.11	0.311	O				4.24
8.517	0.00	0.11	0.311	O				4.24
8.533	0.00	0.11	0.311	O				4.23
8.550	0.00	0.11	0.310	O				4.23
8.567	0.00	0.11	0.310	O				4.23
8.583	0.00	0.11	0.310	O				4.23
8.600	0.00	0.11	0.310	O				4.23
8.617	0.00	0.11	0.310	O				4.22
8.633	0.00	0.11	0.310	O				4.22
8.650	0.00	0.11	0.309	O				4.22
8.667	0.00	0.11	0.309	O				4.22
8.683	0.00	0.11	0.309	O				4.22
8.700	0.00	0.11	0.309	O				4.21
8.717	0.00	0.11	0.309	O				4.21
8.733	0.00	0.11	0.309	O				4.21
8.750	0.00	0.11	0.309	O				4.21

8.767	0.00	0.11	0.308	O				4.21
8.783	0.00	0.11	0.308	O				4.20
8.800	0.00	0.11	0.308	O				4.20
8.817	0.00	0.11	0.308	O				4.20
8.833	0.00	0.11	0.308	O				4.20
8.850	0.00	0.11	0.308	O				4.20
8.867	0.00	0.11	0.308	O				4.19
8.883	0.00	0.11	0.307	O				4.19
8.900	0.00	0.11	0.307	O				4.19
8.917	0.00	0.11	0.307	O				4.19
8.933	0.00	0.11	0.307	O				4.19
8.950	0.00	0.11	0.307	O				4.18
8.967	0.00	0.11	0.307	O				4.18
8.983	0.00	0.11	0.307	O				4.18
9.000	0.00	0.11	0.306	O				4.18
9.017	0.00	0.11	0.306	O				4.18
9.033	0.00	0.11	0.306	O				4.17
9.050	0.00	0.11	0.306	O				4.17
9.067	0.00	0.11	0.306	O				4.17
9.083	0.00	0.11	0.306	O				4.17
9.100	0.00	0.11	0.305	O				4.17
9.117	0.00	0.11	0.305	O				4.16
9.133	0.00	0.11	0.305	O				4.16
9.150	0.00	0.11	0.305	O				4.16
9.167	0.00	0.11	0.305	O				4.16
9.183	0.00	0.11	0.305	O				4.16
9.200	0.00	0.11	0.305	O				4.15
9.217	0.00	0.11	0.304	O				4.15
9.233	0.00	0.11	0.304	O				4.15
9.250	0.00	0.11	0.304	O				4.15
9.267	0.00	0.11	0.304	O				4.15
9.283	0.00	0.11	0.304	O				4.14
9.300	0.00	0.11	0.304	O				4.14
9.317	0.00	0.11	0.304	O				4.14
9.333	0.00	0.11	0.303	O				4.14
9.350	0.00	0.11	0.303	O				4.14
9.367	0.00	0.11	0.303	O				4.13
9.383	0.00	0.11	0.303	O				4.13
9.400	0.00	0.11	0.303	O				4.13
9.417	0.00	0.11	0.303	O				4.13
9.433	0.00	0.11	0.303	O				4.13
9.450	0.00	0.11	0.302	O				4.12
9.467	0.00	0.11	0.302	O				4.12
9.483	0.00	0.11	0.302	O				4.12
9.500	0.00	0.11	0.302	O				4.12
9.517	0.00	0.11	0.302	O				4.12
9.533	0.00	0.11	0.302	O				4.11
9.550	0.00	0.11	0.302	O				4.11
9.567	0.00	0.11	0.301	O				4.11
9.583	0.00	0.11	0.301	O				4.11

9.600	0.00	0.11	0.301	O				4.11
9.617	0.00	0.11	0.301	O				4.10
9.633	0.00	0.11	0.301	O				4.10
9.650	0.00	0.11	0.301	O				4.10
9.667	0.00	0.11	0.300	O				4.10
9.683	0.00	0.11	0.300	O				4.10
9.700	0.00	0.11	0.300	O				4.09
9.717	0.00	0.11	0.300	O				4.09
9.733	0.00	0.11	0.300	O				4.09
9.750	0.00	0.11	0.300	O				4.09
9.767	0.00	0.11	0.300	O				4.09
9.783	0.00	0.11	0.299	O				4.08
9.800	0.00	0.11	0.299	O				4.08
9.817	0.00	0.11	0.299	O				4.08
9.833	0.00	0.11	0.299	O				4.08
9.850	0.00	0.11	0.299	O				4.08
9.867	0.00	0.11	0.299	O				4.07
9.883	0.00	0.11	0.299	O				4.07
9.900	0.00	0.11	0.298	O				4.07
9.917	0.00	0.11	0.298	O				4.07
9.933	0.00	0.11	0.298	O				4.07
9.950	0.00	0.11	0.298	O				4.06
9.967	0.00	0.11	0.298	O				4.06
9.983	0.00	0.11	0.298	O				4.06
10.000	0.00	0.11	0.298	O				4.06
10.017	0.00	0.11	0.297	O				4.06
10.033	0.00	0.11	0.297	O				4.05
10.050	0.00	0.11	0.297	O				4.05
10.067	0.00	0.11	0.297	O				4.05
10.083	0.00	0.11	0.297	O				4.05
10.100	0.00	0.11	0.297	O				4.05
10.117	0.00	0.11	0.297	O				4.04
10.133	0.00	0.11	0.296	O				4.04
10.150	0.00	0.11	0.296	O				4.04
10.167	0.00	0.11	0.296	O				4.04
10.183	0.00	0.11	0.296	O				4.04
10.200	0.00	0.11	0.296	O				4.03
10.217	0.00	0.11	0.296	O				4.03
10.233	0.00	0.11	0.296	O				4.03
10.250	0.00	0.11	0.295	O				4.03
10.267	0.00	0.11	0.295	O				4.03
10.283	0.00	0.11	0.295	O				4.02
10.300	0.00	0.11	0.295	O				4.02
10.317	0.00	0.11	0.295	O				4.02
10.333	0.00	0.11	0.295	O				4.02
10.350	0.00	0.11	0.295	O				4.02
10.367	0.00	0.11	0.294	O				4.01
10.383	0.00	0.11	0.294	O				4.01
10.400	0.00	0.11	0.294	O				4.01
10.417	0.00	0.11	0.294	O				4.01

10.433	0.00	0.11	0.294	O				4.01
10.450	0.00	0.11	0.294	O				4.00
10.467	0.00	0.11	0.293	O				4.00
10.483	0.00	0.11	0.293	O				4.00
10.500	0.00	0.10	0.293	O				4.00
10.517	0.00	0.10	0.293	O				4.00
10.533	0.00	0.10	0.293	O				3.99
10.550	0.00	0.10	0.293	O				3.99
10.567	0.00	0.10	0.293	O				3.99
10.583	0.00	0.10	0.292	O				3.99
10.600	0.00	0.10	0.292	O				3.99
10.617	0.00	0.10	0.292	O				3.98
10.633	0.00	0.10	0.292	O				3.98
10.650	0.00	0.10	0.292	O				3.98
10.667	0.00	0.10	0.292	O				3.98
10.683	0.00	0.10	0.292	O				3.98
10.700	0.00	0.10	0.291	O				3.97
10.717	0.00	0.10	0.291	O				3.97
10.733	0.00	0.10	0.291	O				3.97
10.750	0.00	0.10	0.291	O				3.97
10.767	0.00	0.10	0.291	O				3.97
10.783	0.00	0.10	0.291	O				3.96
10.800	0.00	0.10	0.291	O				3.96
10.817	0.00	0.10	0.290	O				3.96
10.833	0.00	0.10	0.290	O				3.96
10.850	0.00	0.10	0.290	O				3.96
10.867	0.00	0.10	0.290	O				3.95
10.883	0.00	0.10	0.290	O				3.95
10.900	0.00	0.10	0.290	O				3.95
10.917	0.00	0.10	0.290	O				3.95
10.933	0.00	0.10	0.289	O				3.95
10.950	0.00	0.10	0.289	O				3.95
10.967	0.00	0.10	0.289	O				3.94
10.983	0.00	0.10	0.289	O				3.94
11.000	0.00	0.10	0.289	O				3.94
11.017	0.00	0.10	0.289	O				3.94
11.033	0.00	0.10	0.289	O				3.94
11.050	0.00	0.10	0.288	O				3.93
11.067	0.00	0.10	0.288	O				3.93
11.083	0.00	0.10	0.288	O				3.93
11.100	0.00	0.10	0.288	O				3.93
11.117	0.00	0.10	0.288	O				3.93
11.133	0.00	0.10	0.288	O				3.92
11.150	0.00	0.10	0.288	O				3.92
11.167	0.00	0.10	0.287	O				3.92
11.183	0.00	0.10	0.287	O				3.92
11.200	0.00	0.10	0.287	O				3.92
11.217	0.00	0.10	0.287	O				3.91
11.233	0.00	0.10	0.287	O				3.91
11.250	0.00	0.10	0.287	O				3.91

11.267	0.00	0.10	0.287	O	|	|	|	3.91
11.283	0.00	0.10	0.286	O	|	|	|	3.91
11.300	0.00	0.10	0.286	O	|	|	|	3.90
11.317	0.00	0.10	0.286	O	|	|	|	3.90
11.333	0.00	0.10	0.286	O	|	|	|	3.90
11.350	0.00	0.10	0.286	O	|	|	|	3.90
11.367	0.00	0.10	0.286	O	|	|	|	3.90
11.383	0.00	0.10	0.286	O	|	|	|	3.89
11.400	0.00	0.10	0.285	O	|	|	|	3.89
11.417	0.00	0.10	0.285	O	|	|	|	3.89
11.433	0.00	0.10	0.285	O	|	|	|	3.89
11.450	0.00	0.10	0.285	O	|	|	|	3.89
11.467	0.00	0.10	0.285	O	|	|	|	3.88
11.483	0.00	0.10	0.285	O	|	|	|	3.88
11.500	0.00	0.10	0.285	O	|	|	|	3.88
11.517	0.00	0.10	0.284	O	|	|	|	3.88
11.533	0.00	0.10	0.284	O	|	|	|	3.88
11.550	0.00	0.10	0.284	O	|	|	|	3.88
11.567	0.00	0.10	0.284	O	|	|	|	3.87
11.583	0.00	0.10	0.284	O	|	|	|	3.87
11.600	0.00	0.10	0.284	O	|	|	|	3.87
11.617	0.00	0.10	0.284	O	|	|	|	3.87
11.633	0.00	0.10	0.283	O	|	|	|	3.87
11.650	0.00	0.10	0.283	O	|	|	|	3.86
11.667	0.00	0.10	0.283	O	|	|	|	3.86
11.683	0.00	0.10	0.283	O	|	|	|	3.86
11.700	0.00	0.10	0.283	O	|	|	|	3.86
11.717	0.00	0.10	0.283	O	|	|	|	3.86
11.733	0.00	0.10	0.283	O	|	|	|	3.85
11.750	0.00	0.10	0.282	O	|	|	|	3.85
11.767	0.00	0.10	0.282	O	|	|	|	3.85
11.783	0.00	0.10	0.282	O	|	|	|	3.85
11.800	0.00	0.10	0.282	O	|	|	|	3.85
11.817	0.00	0.10	0.282	O	|	|	|	3.84
11.833	0.00	0.10	0.282	O	|	|	|	3.84
11.850	0.00	0.10	0.282	O	|	|	|	3.84
11.867	0.00	0.10	0.281	O	|	|	|	3.84
11.883	0.00	0.10	0.281	O	|	|	|	3.84
11.900	0.00	0.10	0.281	O	|	|	|	3.83
11.917	0.00	0.10	0.281	O	|	|	|	3.83
11.933	0.00	0.10	0.281	O	|	|	|	3.83
11.950	0.00	0.10	0.281	O	|	|	|	3.83
11.967	0.00	0.10	0.281	O	|	|	|	3.83
11.983	0.00	0.10	0.280	O	|	|	|	3.82
12.000	0.00	0.10	0.280	O	|	|	|	3.82
12.017	0.00	0.10	0.280	O	|	|	|	3.82
12.033	0.00	0.10	0.280	O	|	|	|	3.82
12.050	0.00	0.10	0.280	O	|	|	|	3.82
12.067	0.00	0.10	0.280	O	|	|	|	3.82
12.083	0.00	0.10	0.280	O	|	|	|	3.81

12.100	0.00	0.10	0.279	O				3.81
12.117	0.00	0.10	0.279	O				3.81
12.133	0.00	0.10	0.279	O				3.81
12.150	0.00	0.10	0.279	O				3.81
12.167	0.00	0.10	0.279	O				3.80
12.183	0.00	0.10	0.279	O				3.80
12.200	0.00	0.10	0.279	O				3.80
12.217	0.00	0.10	0.279	O				3.80
12.233	0.00	0.10	0.278	O				3.80
12.250	0.00	0.10	0.278	O				3.79
12.267	0.00	0.10	0.278	O				3.79
12.283	0.00	0.10	0.278	O				3.79
12.300	0.00	0.10	0.278	O				3.79
12.317	0.00	0.10	0.278	O				3.79
12.333	0.00	0.10	0.278	O				3.78
12.350	0.00	0.10	0.277	O				3.78
12.367	0.00	0.10	0.277	O				3.78
12.383	0.00	0.10	0.277	O				3.78
12.400	0.00	0.10	0.277	O				3.78
12.417	0.00	0.10	0.277	O				3.77
12.433	0.00	0.10	0.277	O				3.77
12.450	0.00	0.10	0.277	O				3.77
12.467	0.00	0.10	0.276	O				3.77
12.483	0.00	0.10	0.276	O				3.77
12.500	0.00	0.10	0.276	O				3.77
12.517	0.00	0.10	0.276	O				3.76
12.533	0.00	0.10	0.276	O				3.76
12.550	0.00	0.10	0.276	O				3.76
12.567	0.00	0.10	0.276	O				3.76
12.583	0.00	0.10	0.275	O				3.76
12.600	0.00	0.10	0.275	O				3.75
12.617	0.00	0.10	0.275	O				3.75
12.633	0.00	0.10	0.275	O				3.75
12.650	0.00	0.10	0.275	O				3.75
12.667	0.00	0.10	0.275	O				3.75
12.683	0.00	0.10	0.275	O				3.74
12.700	0.00	0.10	0.274	O				3.74
12.717	0.00	0.10	0.274	O				3.74
12.733	0.00	0.10	0.274	O				3.74
12.750	0.00	0.10	0.274	O				3.74
12.767	0.00	0.10	0.274	O				3.73
12.783	0.00	0.10	0.274	O				3.73
12.800	0.00	0.10	0.274	O				3.73
12.817	0.00	0.10	0.273	O				3.73
12.833	0.00	0.10	0.273	O				3.73
12.850	0.00	0.10	0.273	O				3.73
12.867	0.00	0.10	0.273	O				3.72
12.883	0.00	0.10	0.273	O				3.72
12.900	0.00	0.10	0.273	O				3.72
12.917	0.00	0.10	0.273	O				3.72

12.933	0.00	0.10	0.272	O				3.72
12.950	0.00	0.10	0.272	O				3.71
12.967	0.00	0.10	0.272	O				3.71
12.983	0.00	0.10	0.272	O				3.71
13.000	0.00	0.10	0.272	O				3.71
13.017	0.00	0.10	0.272	O				3.71
13.033	0.00	0.10	0.272	O				3.70
13.050	0.00	0.10	0.272	O				3.70
13.067	0.00	0.10	0.271	O				3.70
13.083	0.00	0.10	0.271	O				3.70
13.100	0.00	0.10	0.271	O				3.70
13.117	0.00	0.10	0.271	O				3.69
13.133	0.00	0.10	0.271	O				3.69
13.150	0.00	0.10	0.271	O				3.69
13.167	0.00	0.10	0.271	O				3.69
13.183	0.00	0.10	0.270	O				3.69
13.200	0.00	0.10	0.270	O				3.69
13.217	0.00	0.10	0.270	O				3.68
13.233	0.00	0.10	0.270	O				3.68
13.250	0.00	0.10	0.270	O				3.68
13.267	0.00	0.10	0.270	O				3.68
13.283	0.00	0.10	0.270	O				3.68
13.300	0.00	0.10	0.269	O				3.67
13.317	0.00	0.10	0.269	O				3.67
13.333	0.00	0.10	0.269	O				3.67
13.350	0.00	0.10	0.269	O				3.67
13.367	0.00	0.10	0.269	O				3.67
13.383	0.00	0.10	0.269	O				3.66
13.400	0.00	0.10	0.269	O				3.66
13.417	0.00	0.10	0.268	O				3.66
13.433	0.00	0.10	0.268	O				3.66
13.450	0.00	0.10	0.268	O				3.66
13.467	0.00	0.10	0.268	O				3.66
13.483	0.00	0.10	0.268	O				3.65
13.500	0.00	0.10	0.268	O				3.65
13.517	0.00	0.10	0.268	O				3.65
13.533	0.00	0.10	0.268	O				3.65
13.550	0.00	0.10	0.267	O				3.65
13.567	0.00	0.10	0.267	O				3.64
13.583	0.00	0.10	0.267	O				3.64
13.600	0.00	0.10	0.267	O				3.64
13.617	0.00	0.10	0.267	O				3.64
13.633	0.00	0.10	0.267	O				3.64
13.650	0.00	0.10	0.267	O				3.63
13.667	0.00	0.10	0.266	O				3.63
13.683	0.00	0.10	0.266	O				3.63
13.700	0.00	0.10	0.266	O				3.63
13.717	0.00	0.10	0.266	O				3.63
13.733	0.00	0.10	0.266	O				3.63
13.750	0.00	0.10	0.266	O				3.62

13.767	0.00	0.10	0.266	O				3.62
13.783	0.00	0.10	0.265	O				3.62
13.800	0.00	0.10	0.265	O				3.62
13.817	0.00	0.10	0.265	O				3.62
13.833	0.00	0.10	0.265	O				3.61
13.850	0.00	0.10	0.265	O				3.61
13.867	0.00	0.10	0.265	O				3.61
13.883	0.00	0.10	0.265	O				3.61
13.900	0.00	0.10	0.264	O				3.61
13.917	0.00	0.10	0.264	O				3.60
13.933	0.00	0.10	0.264	O				3.60
13.950	0.00	0.10	0.264	O				3.60
13.967	0.00	0.10	0.264	O				3.60
13.983	0.00	0.10	0.264	O				3.60
14.000	0.00	0.10	0.264	O				3.60
14.017	0.00	0.10	0.264	O				3.59
14.033	0.00	0.10	0.263	O				3.59
14.050	0.00	0.10	0.263	O				3.59
14.067	0.00	0.10	0.263	O				3.59
14.083	0.00	0.10	0.263	O				3.59
14.100	0.00	0.10	0.263	O				3.58
14.117	0.00	0.10	0.263	O				3.58
14.133	0.00	0.10	0.263	O				3.58
14.150	0.00	0.10	0.262	O				3.58
14.167	0.00	0.10	0.262	O				3.58
14.183	0.00	0.10	0.262	O				3.57
14.200	0.00	0.10	0.262	O				3.57
14.217	0.00	0.10	0.262	O				3.57
14.233	0.00	0.10	0.262	O				3.57
14.250	0.00	0.10	0.262	O				3.57
14.267	0.00	0.10	0.261	O				3.57
14.283	0.00	0.10	0.261	O				3.56
14.300	0.00	0.10	0.261	O				3.56
14.317	0.00	0.10	0.261	O				3.56
14.333	0.00	0.10	0.261	O				3.56
14.350	0.00	0.10	0.261	O				3.56
14.367	0.00	0.10	0.261	O				3.55
14.383	0.00	0.10	0.261	O				3.55
14.400	0.00	0.10	0.260	O				3.55
14.417	0.00	0.10	0.260	O				3.55
14.433	0.00	0.10	0.260	O				3.55
14.450	0.00	0.10	0.260	O				3.55
14.467	0.00	0.10	0.260	O				3.54
14.483	0.00	0.10	0.260	O				3.54
14.500	0.00	0.10	0.260	O				3.54
14.517	0.00	0.10	0.259	O				3.54
14.533	0.00	0.10	0.259	O				3.54
14.550	0.00	0.10	0.259	O				3.53
14.567	0.00	0.10	0.259	O				3.53
14.583	0.00	0.10	0.259	O				3.53

14.600	0.00	0.10	0.259	O				3.53
14.617	0.00	0.10	0.259	O				3.53
14.633	0.00	0.10	0.258	O				3.52
14.650	0.00	0.10	0.258	O				3.52
14.667	0.00	0.10	0.258	O				3.52
14.683	0.00	0.10	0.258	O				3.52
14.700	0.00	0.10	0.258	O				3.52
14.717	0.00	0.10	0.258	O				3.52
14.733	0.00	0.10	0.258	O				3.51
14.750	0.00	0.10	0.258	O				3.51
14.767	0.00	0.10	0.257	O				3.51
14.783	0.00	0.10	0.257	O				3.51
14.800	0.00	0.10	0.257	O				3.51
14.817	0.00	0.10	0.257	O				3.50
14.833	0.00	0.10	0.257	O				3.50
14.850	0.00	0.10	0.257	O				3.50
14.867	0.00	0.10	0.257	O				3.50
14.883	0.00	0.10	0.256	O				3.50
14.900	0.00	0.10	0.256	O				3.50
14.917	0.00	0.10	0.256	O				3.49
14.933	0.00	0.10	0.256	O				3.49
14.950	0.00	0.10	0.256	O				3.49
14.967	0.00	0.10	0.256	O				3.49
14.983	0.00	0.10	0.256	O				3.49
15.000	0.00	0.10	0.256	O				3.48
15.017	0.00	0.10	0.255	O				3.48
15.033	0.00	0.10	0.255	O				3.48
15.050	0.00	0.10	0.255	O				3.48
15.067	0.00	0.10	0.255	O				3.48
15.083	0.00	0.10	0.255	O				3.48
15.100	0.00	0.10	0.255	O				3.47
15.117	0.00	0.10	0.255	O				3.47
15.133	0.00	0.10	0.254	O				3.47
15.150	0.00	0.10	0.254	O				3.47
15.167	0.00	0.10	0.254	O				3.47
15.183	0.00	0.10	0.254	O				3.46
15.200	0.00	0.10	0.254	O				3.46
15.217	0.00	0.10	0.254	O				3.46
15.233	0.00	0.10	0.254	O				3.46
15.250	0.00	0.10	0.254	O				3.46
15.267	0.00	0.10	0.253	O				3.45
15.283	0.00	0.10	0.253	O				3.45
15.300	0.00	0.10	0.253	O				3.45
15.317	0.00	0.10	0.253	O				3.45
15.333	0.00	0.10	0.253	O				3.45
15.350	0.00	0.10	0.253	O				3.45
15.367	0.00	0.10	0.253	O				3.44
15.383	0.00	0.10	0.252	O				3.44
15.400	0.00	0.10	0.252	O				3.44
15.417	0.00	0.10	0.252	O				3.44

15.433	0.00	0.10	0.252	O				3.44
15.450	0.00	0.10	0.252	O				3.43
15.467	0.00	0.10	0.252	O				3.43
15.483	0.00	0.10	0.252	O				3.43
15.500	0.00	0.10	0.251	O				3.43
15.517	0.00	0.10	0.251	O				3.43
15.533	0.00	0.10	0.251	O				3.43
15.550	0.00	0.10	0.251	O				3.42
15.567	0.00	0.10	0.251	O				3.42
15.583	0.00	0.10	0.251	O				3.42
15.600	0.00	0.10	0.251	O				3.42
15.617	0.00	0.10	0.251	O				3.42
15.633	0.00	0.10	0.250	O				3.41
15.650	0.00	0.10	0.250	O				3.41
15.667	0.00	0.10	0.250	O				3.41
15.683	0.00	0.10	0.250	O				3.41
15.700	0.00	0.10	0.250	O				3.41
15.717	0.00	0.10	0.250	O				3.41
15.733	0.00	0.10	0.250	O				3.40
15.750	0.00	0.10	0.249	O				3.40
15.767	0.00	0.10	0.249	O				3.40
15.783	0.00	0.10	0.249	O				3.40
15.800	0.00	0.10	0.249	O				3.40
15.817	0.00	0.10	0.249	O				3.39
15.833	0.00	0.10	0.249	O				3.39
15.850	0.00	0.10	0.249	O				3.39
15.867	0.00	0.10	0.249	O				3.39
15.883	0.00	0.10	0.248	O				3.39
15.900	0.00	0.10	0.248	O				3.39
15.917	0.00	0.10	0.248	O				3.38
15.933	0.00	0.10	0.248	O				3.38
15.950	0.00	0.10	0.248	O				3.38
15.967	0.00	0.10	0.248	O				3.38
15.983	0.00	0.10	0.248	O				3.38
16.000	0.00	0.10	0.247	O				3.37
16.017	0.00	0.10	0.247	O				3.37
16.033	0.00	0.10	0.247	O				3.37
16.050	0.00	0.10	0.247	O				3.37
16.067	0.00	0.10	0.247	O				3.37
16.083	0.00	0.10	0.247	O				3.37
16.100	0.00	0.10	0.247	O				3.36
16.117	0.00	0.10	0.247	O				3.36
16.133	0.00	0.10	0.246	O				3.36
16.150	0.00	0.10	0.246	O				3.36
16.167	0.00	0.10	0.246	O				3.36
16.183	0.00	0.10	0.246	O				3.36
16.200	0.00	0.10	0.246	O				3.35
16.217	0.00	0.10	0.246	O				3.35
16.233	0.00	0.10	0.246	O				3.35
16.250	0.00	0.10	0.246	O				3.35

16.267	0.00	0.10	0.245	O				3.35
16.283	0.00	0.10	0.245	O				3.34
16.300	0.00	0.10	0.245	O				3.34
16.317	0.00	0.10	0.245	O				3.34
16.333	0.00	0.10	0.245	O				3.34
16.350	0.00	0.10	0.245	O				3.34
16.367	0.00	0.10	0.245	O				3.34
16.383	0.00	0.10	0.244	O				3.33
16.400	0.00	0.10	0.244	O				3.33
16.417	0.00	0.10	0.244	O				3.33
16.433	0.00	0.10	0.244	O				3.33
16.450	0.00	0.10	0.244	O				3.33
16.467	0.00	0.10	0.244	O				3.32
16.483	0.00	0.10	0.244	O				3.32
16.500	0.00	0.10	0.244	O				3.32
16.517	0.00	0.10	0.243	O				3.32
16.533	0.00	0.10	0.243	O				3.32
16.550	0.00	0.10	0.243	O				3.32
16.567	0.00	0.10	0.243	O				3.31
16.583	0.00	0.10	0.243	O				3.31
16.600	0.00	0.10	0.243	O				3.31
16.617	0.00	0.10	0.243	O				3.31
16.633	0.00	0.10	0.242	O				3.31
16.650	0.00	0.10	0.242	O				3.30
16.667	0.00	0.10	0.242	O				3.30
16.683	0.00	0.10	0.242	O				3.30
16.700	0.00	0.10	0.242	O				3.30
16.717	0.00	0.10	0.242	O				3.30
16.733	0.00	0.10	0.242	O				3.30
16.750	0.00	0.10	0.242	O				3.29
16.767	0.00	0.10	0.241	O				3.29
16.783	0.00	0.10	0.241	O				3.29
16.800	0.00	0.10	0.241	O				3.29
16.817	0.00	0.10	0.241	O				3.29
16.833	0.00	0.09	0.241	O				3.29
16.850	0.00	0.09	0.241	O				3.28
16.867	0.00	0.09	0.241	O				3.28
16.883	0.00	0.09	0.241	O				3.28
16.900	0.00	0.09	0.240	O				3.28
16.917	0.00	0.09	0.240	O				3.28
16.933	0.00	0.09	0.240	O				3.27
16.950	0.00	0.09	0.240	O				3.27
16.967	0.00	0.09	0.240	O				3.27
16.983	0.00	0.09	0.240	O				3.27
17.000	0.00	0.09	0.240	O				3.27
17.017	0.00	0.09	0.239	O				3.27
17.033	0.00	0.09	0.239	O				3.26
17.050	0.00	0.09	0.239	O				3.26
17.067	0.00	0.09	0.239	O				3.26
17.083	0.00	0.09	0.239	O				3.26

17.100	0.00	0.09	0.239	O				3.26
17.117	0.00	0.09	0.239	O				3.25
17.133	0.00	0.09	0.239	O				3.25
17.150	0.00	0.09	0.238	O				3.25
17.167	0.00	0.09	0.238	O				3.25
17.183	0.00	0.09	0.238	O				3.25
17.200	0.00	0.09	0.238	O				3.25
17.217	0.00	0.09	0.238	O				3.24
17.233	0.00	0.09	0.238	O				3.24
17.250	0.00	0.09	0.238	O				3.24
17.267	0.00	0.09	0.238	O				3.24
17.283	0.00	0.09	0.237	O				3.24
17.300	0.00	0.09	0.237	O				3.24
17.317	0.00	0.09	0.237	O				3.23
17.333	0.00	0.09	0.237	O				3.23
17.350	0.00	0.09	0.237	O				3.23
17.367	0.00	0.09	0.237	O				3.23
17.383	0.00	0.09	0.237	O				3.23
17.400	0.00	0.09	0.236	O				3.22
17.417	0.00	0.09	0.236	O				3.22
17.433	0.00	0.09	0.236	O				3.22
17.450	0.00	0.09	0.236	O				3.22
17.467	0.00	0.09	0.236	O				3.22
17.483	0.00	0.09	0.236	O				3.22
17.500	0.00	0.09	0.236	O				3.21
17.517	0.00	0.09	0.236	O				3.21
17.533	0.00	0.09	0.235	O				3.21
17.550	0.00	0.09	0.235	O				3.21
17.567	0.00	0.09	0.235	O				3.21
17.583	0.00	0.09	0.235	O				3.21
17.600	0.00	0.09	0.235	O				3.20
17.617	0.00	0.09	0.235	O				3.20
17.633	0.00	0.09	0.235	O				3.20
17.650	0.00	0.09	0.235	O				3.20
17.667	0.00	0.09	0.234	O				3.20
17.683	0.00	0.09	0.234	O				3.19
17.700	0.00	0.09	0.234	O				3.19
17.717	0.00	0.09	0.234	O				3.19
17.733	0.00	0.09	0.234	O				3.19
17.750	0.00	0.09	0.234	O				3.19
17.767	0.00	0.09	0.234	O				3.19
17.783	0.00	0.09	0.234	O				3.18
17.800	0.00	0.09	0.233	O				3.18
17.817	0.00	0.09	0.233	O				3.18
17.833	0.00	0.09	0.233	O				3.18
17.850	0.00	0.09	0.233	O				3.18
17.867	0.00	0.09	0.233	O				3.18
17.883	0.00	0.09	0.233	O				3.17
17.900	0.00	0.09	0.233	O				3.17
17.917	0.00	0.09	0.232	O				3.17

17.933	0.00	0.09	0.232	O				3.17
17.950	0.00	0.09	0.232	O				3.17
17.967	0.00	0.09	0.232	O				3.16
17.983	0.00	0.09	0.232	O				3.16
18.000	0.00	0.09	0.232	O				3.16
18.017	0.00	0.09	0.232	O				3.16
18.033	0.00	0.09	0.232	O				3.16
18.050	0.00	0.09	0.231	O				3.16
18.067	0.00	0.09	0.231	O				3.15
18.083	0.00	0.09	0.231	O				3.15
18.100	0.00	0.09	0.231	O				3.15
18.117	0.00	0.09	0.231	O				3.15
18.133	0.00	0.09	0.231	O				3.15
18.150	0.00	0.09	0.231	O				3.15
18.167	0.00	0.09	0.231	O				3.14
18.183	0.00	0.09	0.230	O				3.14
18.200	0.00	0.09	0.230	O				3.14
18.217	0.00	0.09	0.230	O				3.14
18.233	0.00	0.09	0.230	O				3.14
18.250	0.00	0.09	0.230	O				3.14
18.267	0.00	0.09	0.230	O				3.13
18.283	0.00	0.09	0.230	O				3.13
18.300	0.00	0.09	0.230	O				3.13
18.317	0.00	0.09	0.229	O				3.13
18.333	0.00	0.09	0.229	O				3.13
18.350	0.00	0.09	0.229	O				3.12
18.367	0.00	0.09	0.229	O				3.12
18.383	0.00	0.09	0.229	O				3.12
18.400	0.00	0.09	0.229	O				3.12
18.417	0.00	0.09	0.229	O				3.12
18.433	0.00	0.09	0.229	O				3.12
18.450	0.00	0.09	0.228	O				3.11
18.467	0.00	0.09	0.228	O				3.11
18.483	0.00	0.09	0.228	O				3.11
18.500	0.00	0.09	0.228	O				3.11
18.517	0.00	0.09	0.228	O				3.11
18.533	0.00	0.09	0.228	O				3.11
18.550	0.00	0.09	0.228	O				3.10
18.567	0.00	0.09	0.227	O				3.10
18.583	0.00	0.09	0.227	O				3.10
18.600	0.00	0.09	0.227	O				3.10
18.617	0.00	0.09	0.227	O				3.10
18.633	0.00	0.09	0.227	O				3.10
18.650	0.00	0.09	0.227	O				3.09
18.667	0.00	0.09	0.227	O				3.09
18.683	0.00	0.09	0.227	O				3.09
18.700	0.00	0.09	0.226	O				3.09
18.717	0.00	0.09	0.226	O				3.09
18.733	0.00	0.09	0.226	O				3.08
18.750	0.00	0.09	0.226	O				3.08

18.767	0.00	0.09	0.226	O				3.08
18.783	0.00	0.09	0.226	O				3.08
18.800	0.00	0.09	0.226	O				3.08
18.817	0.00	0.09	0.226	O				3.08
18.833	0.00	0.09	0.225	O				3.07
18.850	0.00	0.09	0.225	O				3.07
18.867	0.00	0.09	0.225	O				3.07
18.883	0.00	0.09	0.225	O				3.07
18.900	0.00	0.09	0.225	O				3.07
18.917	0.00	0.09	0.225	O				3.07
18.933	0.00	0.09	0.225	O				3.06
18.950	0.00	0.09	0.225	O				3.06
18.967	0.00	0.09	0.224	O				3.06
18.983	0.00	0.09	0.224	O				3.06
19.000	0.00	0.09	0.224	O				3.06
19.017	0.00	0.09	0.224	O				3.06
19.033	0.00	0.09	0.224	O				3.05
19.050	0.00	0.09	0.224	O				3.05
19.067	0.00	0.09	0.224	O				3.05
19.083	0.00	0.09	0.224	O				3.05
19.100	0.00	0.09	0.223	O				3.05
19.117	0.00	0.09	0.223	O				3.05
19.133	0.00	0.09	0.223	O				3.04
19.150	0.00	0.09	0.223	O				3.04
19.167	0.00	0.09	0.223	O				3.04
19.183	0.00	0.09	0.223	O				3.04
19.200	0.00	0.09	0.223	O				3.04
19.217	0.00	0.09	0.223	O				3.03
19.233	0.00	0.09	0.222	O				3.03
19.250	0.00	0.09	0.222	O				3.03
19.267	0.00	0.09	0.222	O				3.03
19.283	0.00	0.09	0.222	O				3.03
19.300	0.00	0.09	0.222	O				3.03
19.317	0.00	0.09	0.222	O				3.02
19.333	0.00	0.09	0.222	O				3.02
19.350	0.00	0.09	0.222	O				3.02
19.367	0.00	0.09	0.221	O				3.02
19.383	0.00	0.09	0.221	O				3.02
19.400	0.00	0.09	0.221	O				3.02
19.417	0.00	0.09	0.221	O				3.01
19.433	0.00	0.09	0.221	O				3.01
19.450	0.00	0.09	0.221	O				3.01
19.467	0.00	0.09	0.221	O				3.01
19.483	0.00	0.09	0.221	O				3.01
19.500	0.00	0.09	0.220	O				3.01
19.517	0.00	0.09	0.220	O				3.00
19.533	0.00	0.09	0.220	O				3.00
19.550	0.00	0.09	0.220	O				3.00
19.567	0.00	0.09	0.220	O				3.00
19.583	0.00	0.09	0.220	O				3.00

19.600	0.00	0.09	0.220	O				3.00
19.617	0.00	0.09	0.220	O				2.99
19.633	0.00	0.09	0.219	O				2.99
19.650	0.00	0.09	0.219	O				2.99
19.667	0.00	0.09	0.219	O				2.99
19.683	0.00	0.09	0.219	O				2.99
19.700	0.00	0.09	0.219	O				2.98
19.717	0.00	0.09	0.219	O				2.98
19.733	0.00	0.09	0.219	O				2.98
19.750	0.00	0.09	0.219	O				2.98
19.767	0.00	0.09	0.218	O				2.98
19.783	0.00	0.09	0.218	O				2.98
19.800	0.00	0.09	0.218	O				2.97
19.817	0.00	0.09	0.218	O				2.97
19.833	0.00	0.09	0.218	O				2.97
19.850	0.00	0.09	0.218	O				2.97
19.867	0.00	0.09	0.218	O				2.97
19.883	0.00	0.09	0.218	O				2.96
19.900	0.00	0.09	0.217	O				2.96
19.917	0.00	0.09	0.217	O				2.96
19.933	0.00	0.09	0.217	O				2.96
19.950	0.00	0.09	0.217	O				2.96
19.967	0.00	0.09	0.217	O				2.96
19.983	0.00	0.09	0.217	O				2.95
20.000	0.00	0.09	0.217	O				2.95
20.017	0.00	0.09	0.217	O				2.95
20.033	0.00	0.09	0.216	O				2.95
20.050	0.00	0.09	0.216	O				2.95
20.067	0.00	0.09	0.216	O				2.95
20.083	0.00	0.09	0.216	O				2.94
20.100	0.00	0.09	0.216	O				2.94
20.117	0.00	0.09	0.216	O				2.94
20.133	0.00	0.09	0.216	O				2.94
20.150	0.00	0.09	0.216	O				2.94
20.167	0.00	0.09	0.215	O				2.93
20.183	0.00	0.09	0.215	O				2.93
20.200	0.00	0.09	0.215	O				2.93
20.217	0.00	0.09	0.215	O				2.93
20.233	0.00	0.09	0.215	O				2.93
20.250	0.00	0.09	0.215	O				2.93
20.267	0.00	0.09	0.215	O				2.92
20.283	0.00	0.09	0.215	O				2.92
20.300	0.00	0.09	0.214	O				2.92
20.317	0.00	0.09	0.214	O				2.92
20.333	0.00	0.09	0.214	O				2.92
20.350	0.00	0.09	0.214	O				2.92
20.367	0.00	0.09	0.214	O				2.91
20.383	0.00	0.09	0.214	O				2.91
20.400	0.00	0.09	0.214	O				2.91
20.417	0.00	0.09	0.214	O				2.91

20.433	0.00	0.09	0.213	O				2.91
20.450	0.00	0.09	0.213	O				2.90
20.467	0.00	0.09	0.213	O				2.90
20.483	0.00	0.09	0.213	O				2.90
20.500	0.00	0.09	0.213	O				2.90
20.517	0.00	0.09	0.213	O				2.90
20.533	0.00	0.09	0.213	O				2.90
20.550	0.00	0.09	0.213	O				2.89
20.567	0.00	0.09	0.212	O				2.89
20.583	0.00	0.09	0.212	O				2.89
20.600	0.00	0.09	0.212	O				2.89
20.617	0.00	0.09	0.212	O				2.89
20.633	0.00	0.09	0.212	O				2.89
20.650	0.00	0.09	0.212	O				2.88
20.667	0.00	0.09	0.212	O				2.88
20.683	0.00	0.09	0.212	O				2.88
20.700	0.00	0.09	0.211	O				2.88
20.717	0.00	0.09	0.211	O				2.88
20.733	0.00	0.09	0.211	O				2.87
20.750	0.00	0.09	0.211	O				2.87
20.767	0.00	0.09	0.211	O				2.87
20.783	0.00	0.09	0.211	O				2.87
20.800	0.00	0.09	0.211	O				2.87
20.817	0.00	0.09	0.211	O				2.87
20.833	0.00	0.09	0.211	O				2.86
20.850	0.00	0.09	0.210	O				2.86
20.867	0.00	0.09	0.210	O				2.86
20.883	0.00	0.09	0.210	O				2.86
20.900	0.00	0.09	0.210	O				2.86
20.917	0.00	0.09	0.210	O				2.86
20.933	0.00	0.09	0.210	O				2.85
20.950	0.00	0.09	0.210	O				2.85
20.967	0.00	0.09	0.210	O				2.85
20.983	0.00	0.09	0.209	O				2.85
21.000	0.00	0.09	0.209	O				2.85
21.017	0.00	0.09	0.209	O				2.85
21.033	0.00	0.09	0.209	O				2.84
21.050	0.00	0.09	0.209	O				2.84
21.067	0.00	0.09	0.209	O				2.84
21.083	0.00	0.09	0.209	O				2.84
21.100	0.00	0.09	0.209	O				2.84
21.117	0.00	0.09	0.208	O				2.83
21.133	0.00	0.09	0.208	O				2.83
21.150	0.00	0.09	0.208	O				2.83
21.167	0.00	0.09	0.208	O				2.83
21.183	0.00	0.09	0.208	O				2.83
21.200	0.00	0.09	0.208	O				2.83
21.217	0.00	0.09	0.208	O				2.82
21.233	0.00	0.09	0.208	O				2.82
21.250	0.00	0.09	0.207	O				2.82

21.267	0.00	0.09	0.207	O	|	|	|	2.82
21.283	0.00	0.09	0.207	O	|	|	|	2.82
21.300	0.00	0.09	0.207	O	|	|	|	2.82
21.317	0.00	0.09	0.207	O	|	|	|	2.81
21.333	0.00	0.09	0.207	O	|	|	|	2.81
21.350	0.00	0.09	0.207	O	|	|	|	2.81
21.367	0.00	0.09	0.207	O	|	|	|	2.81
21.383	0.00	0.09	0.206	O	|	|	|	2.81
21.400	0.00	0.09	0.206	O	|	|	|	2.81
21.417	0.00	0.09	0.206	O	|	|	|	2.80
21.433	0.00	0.09	0.206	O	|	|	|	2.80
21.450	0.00	0.09	0.206	O	|	|	|	2.80
21.467	0.00	0.09	0.206	O	|	|	|	2.80
21.483	0.00	0.09	0.206	O	|	|	|	2.80
21.500	0.00	0.09	0.206	O	|	|	|	2.80
21.517	0.00	0.09	0.206	O	|	|	|	2.79
21.533	0.00	0.09	0.205	O	|	|	|	2.79
21.550	0.00	0.09	0.205	O	|	|	|	2.79
21.567	0.00	0.09	0.205	O	|	|	|	2.79
21.583	0.00	0.09	0.205	O	|	|	|	2.79
21.600	0.00	0.09	0.205	O	|	|	|	2.78
21.617	0.00	0.09	0.205	O	|	|	|	2.78
21.633	0.00	0.09	0.205	O	|	|	|	2.78
21.650	0.00	0.09	0.205	O	|	|	|	2.78
21.667	0.00	0.09	0.204	O	|	|	|	2.78
21.683	0.00	0.09	0.204	O	|	|	|	2.78
21.700	0.00	0.09	0.204	O	|	|	|	2.77
21.717	0.00	0.09	0.204	O	|	|	|	2.77
21.733	0.00	0.09	0.204	O	|	|	|	2.77
21.750	0.00	0.09	0.204	O	|	|	|	2.77
21.767	0.00	0.09	0.204	O	|	|	|	2.77
21.783	0.00	0.09	0.204	O	|	|	|	2.77
21.800	0.00	0.09	0.203	O	|	|	|	2.76
21.817	0.00	0.09	0.203	O	|	|	|	2.76
21.833	0.00	0.09	0.203	O	|	|	|	2.76
21.850	0.00	0.09	0.203	O	|	|	|	2.76
21.867	0.00	0.09	0.203	O	|	|	|	2.76
21.883	0.00	0.09	0.203	O	|	|	|	2.76
21.900	0.00	0.09	0.203	O	|	|	|	2.75
21.917	0.00	0.09	0.203	O	|	|	|	2.75
21.933	0.00	0.09	0.203	O	|	|	|	2.75
21.950	0.00	0.09	0.202	O	|	|	|	2.75
21.967	0.00	0.09	0.202	O	|	|	|	2.75
21.983	0.00	0.09	0.202	O	|	|	|	2.75
22.000	0.00	0.09	0.202	O	|	|	|	2.74
22.017	0.00	0.09	0.202	O	|	|	|	2.74
22.033	0.00	0.09	0.202	O	|	|	|	2.74
22.050	0.00	0.09	0.202	O	|	|	|	2.74
22.067	0.00	0.09	0.202	O	|	|	|	2.74
22.083	0.00	0.09	0.201	O	|	|	|	2.74

22.100	0.00	0.09	0.201	O	|	|	|	2.73
22.117	0.00	0.09	0.201	O	|	|	|	2.73
22.133	0.00	0.09	0.201	O	|	|	|	2.73
22.150	0.00	0.09	0.201	O	|	|	|	2.73
22.167	0.00	0.09	0.201	O	|	|	|	2.73
22.183	0.00	0.09	0.201	O	|	|	|	2.72
22.200	0.00	0.09	0.201	O	|	|	|	2.72
22.217	0.00	0.09	0.201	O	|	|	|	2.72
22.233	0.00	0.09	0.200	O	|	|	|	2.72
22.250	0.00	0.09	0.200	O	|	|	|	2.72
22.267	0.00	0.09	0.200	O	|	|	|	2.72
22.283	0.00	0.09	0.200	O	|	|	|	2.71
22.300	0.00	0.09	0.200	O	|	|	|	2.71
22.317	0.00	0.09	0.200	O	|	|	|	2.71
22.333	0.00	0.09	0.200	O	|	|	|	2.71
22.350	0.00	0.09	0.200	O	|	|	|	2.71
22.367	0.00	0.09	0.199	O	|	|	|	2.71
22.383	0.00	0.09	0.199	O	|	|	|	2.70
22.400	0.00	0.09	0.199	O	|	|	|	2.70
22.417	0.00	0.09	0.199	O	|	|	|	2.70
22.433	0.00	0.09	0.199	O	|	|	|	2.70
22.450	0.00	0.09	0.199	O	|	|	|	2.70
22.467	0.00	0.09	0.199	O	|	|	|	2.70
22.483	0.00	0.09	0.199	O	|	|	|	2.69
22.500	0.00	0.09	0.198	O	|	|	|	2.69
22.517	0.00	0.09	0.198	O	|	|	|	2.69
22.533	0.00	0.09	0.198	O	|	|	|	2.69
22.550	0.00	0.09	0.198	O	|	|	|	2.69
22.567	0.00	0.09	0.198	O	|	|	|	2.69
22.583	0.00	0.09	0.198	O	|	|	|	2.68
22.600	0.00	0.09	0.198	O	|	|	|	2.68
22.617	0.00	0.09	0.198	O	|	|	|	2.68
22.633	0.00	0.09	0.198	O	|	|	|	2.68
22.650	0.00	0.09	0.197	O	|	|	|	2.68
22.667	0.00	0.09	0.197	O	|	|	|	2.68
22.683	0.00	0.09	0.197	O	|	|	|	2.67
22.700	0.00	0.09	0.197	O	|	|	|	2.67
22.717	0.00	0.09	0.197	O	|	|	|	2.67
22.733	0.00	0.09	0.197	O	|	|	|	2.67
22.750	0.00	0.09	0.197	O	|	|	|	2.67
22.767	0.00	0.09	0.197	O	|	|	|	2.67
22.783	0.00	0.09	0.196	O	|	|	|	2.66
22.800	0.00	0.09	0.196	O	|	|	|	2.66
22.817	0.00	0.09	0.196	O	|	|	|	2.66
22.833	0.00	0.09	0.196	O	|	|	|	2.66
22.850	0.00	0.09	0.196	O	|	|	|	2.66
22.867	0.00	0.09	0.196	O	|	|	|	2.66
22.883	0.00	0.09	0.196	O	|	|	|	2.65
22.900	0.00	0.09	0.196	O	|	|	|	2.65
22.917	0.00	0.09	0.196	O	|	|	|	2.65

22.933	0.00	0.09	0.195	O				2.65
22.950	0.00	0.09	0.195	O				2.65
22.967	0.00	0.08	0.195	O				2.65
22.983	0.00	0.08	0.195	O				2.64
23.000	0.00	0.08	0.195	O				2.64
23.017	0.00	0.08	0.195	O				2.64
23.033	0.00	0.08	0.195	O				2.64
23.050	0.00	0.08	0.195	O				2.64
23.067	0.00	0.08	0.194	O				2.64
23.083	0.00	0.08	0.194	O				2.63
23.100	0.00	0.08	0.194	O				2.63
23.117	0.00	0.08	0.194	O				2.63
23.133	0.00	0.08	0.194	O				2.63
23.150	0.00	0.08	0.194	O				2.63
23.167	0.00	0.08	0.194	O				2.63
23.183	0.00	0.08	0.194	O				2.62
23.200	0.00	0.08	0.194	O				2.62
23.217	0.00	0.08	0.193	O				2.62
23.233	0.00	0.08	0.193	O				2.62
23.250	0.00	0.08	0.193	O				2.62
23.267	0.00	0.08	0.193	O				2.62
23.283	0.00	0.08	0.193	O				2.61
23.300	0.00	0.08	0.193	O				2.61
23.317	0.00	0.08	0.193	O				2.61
23.333	0.00	0.08	0.193	O				2.61
23.350	0.00	0.08	0.193	O				2.61
23.367	0.00	0.08	0.192	O				2.61
23.383	0.00	0.08	0.192	O				2.60
23.400	0.00	0.08	0.192	O				2.60
23.417	0.00	0.08	0.192	O				2.60
23.433	0.00	0.08	0.192	O				2.60
23.450	0.00	0.08	0.192	O				2.60
23.467	0.00	0.08	0.192	O				2.60
23.483	0.00	0.08	0.192	O				2.59
23.500	0.00	0.08	0.191	O				2.59
23.517	0.00	0.08	0.191	O				2.59
23.533	0.00	0.08	0.191	O				2.59
23.550	0.00	0.08	0.191	O				2.59
23.567	0.00	0.08	0.191	O				2.59
23.583	0.00	0.08	0.191	O				2.58
23.600	0.00	0.08	0.191	O				2.58
23.617	0.00	0.08	0.191	O				2.58
23.633	0.00	0.08	0.191	O				2.58
23.650	0.00	0.08	0.190	O				2.58
23.667	0.00	0.08	0.190	O				2.58
23.683	0.00	0.08	0.190	O				2.57
23.700	0.00	0.08	0.190	O				2.57
23.717	0.00	0.08	0.190	O				2.57
23.733	0.00	0.08	0.190	O				2.57
23.750	0.00	0.08	0.190	O				2.57

23.767	0.00	0.08	0.190	O				2.57
23.783	0.00	0.08	0.190	O				2.56
23.800	0.00	0.08	0.189	O				2.56
23.817	0.00	0.08	0.189	O				2.56
23.833	0.00	0.08	0.189	O				2.56
23.850	0.00	0.08	0.189	O				2.56
23.867	0.00	0.08	0.189	O				2.56
23.883	0.00	0.08	0.189	O				2.55
23.900	0.00	0.08	0.189	O				2.55
23.917	0.00	0.08	0.189	O				2.55
23.933	0.00	0.08	0.188	O				2.55
23.950	0.00	0.08	0.188	O				2.55
23.967	0.00	0.08	0.188	O				2.55
23.983	0.00	0.08	0.188	O				2.54
24.000	0.00	0.08	0.188	O				2.54
24.017	0.00	0.08	0.188	O				2.54
24.033	0.00	0.08	0.188	O				2.54
24.050	0.00	0.08	0.188	O				2.54
24.067	0.00	0.08	0.188	O				2.54
24.083	0.00	0.08	0.187	O				2.53
24.100	0.00	0.08	0.187	O				2.53
24.117	0.00	0.08	0.187	O				2.53
24.133	0.00	0.08	0.187	O				2.53
24.150	0.00	0.08	0.187	O				2.53
24.167	0.00	0.08	0.187	O				2.53
24.183	0.00	0.08	0.187	O				2.53
24.200	0.00	0.08	0.187	O				2.52
24.217	0.00	0.08	0.187	O				2.52
24.233	0.00	0.08	0.186	O				2.52
24.250	0.00	0.08	0.186	O				2.52
24.267	0.00	0.08	0.186	O				2.52
24.283	0.00	0.08	0.186	O				2.52
24.300	0.00	0.08	0.186	O				2.51
24.317	0.00	0.08	0.186	O				2.51
24.333	0.00	0.08	0.186	O				2.51
24.350	0.00	0.08	0.186	O				2.51
24.367	0.00	0.08	0.186	O				2.51
24.383	0.00	0.08	0.185	O				2.51
24.400	0.00	0.08	0.185	O				2.50
24.417	0.00	0.08	0.185	O				2.50
24.433	0.00	0.08	0.185	O				2.50
24.450	0.00	0.08	0.185	O				2.50
24.467	0.00	0.08	0.185	O				2.50
24.483	0.00	0.08	0.185	O				2.50
24.500	0.00	0.08	0.185	O				2.49
24.517	0.00	0.08	0.184	O				2.49
24.533	0.00	0.08	0.184	O				2.49
24.550	0.00	0.08	0.184	O				2.49
24.567	0.00	0.08	0.184	O				2.49
24.583	0.00	0.08	0.184	O				2.49

24.600	0.00	0.08	0.184	O	|	|	|	2.48
24.617	0.00	0.08	0.184	O	|	|	|	2.48
24.633	0.00	0.08	0.184	O	|	|	|	2.48
24.650	0.00	0.08	0.184	O	|	|	|	2.48
24.667	0.00	0.08	0.183	O	|	|	|	2.48
24.683	0.00	0.08	0.183	O	|	|	|	2.48
24.700	0.00	0.08	0.183	O	|	|	|	2.47
24.717	0.00	0.08	0.183	O	|	|	|	2.47
24.733	0.00	0.08	0.183	O	|	|	|	2.47
24.750	0.00	0.08	0.183	O	|	|	|	2.47
24.767	0.00	0.08	0.183	O	|	|	|	2.47
24.783	0.00	0.08	0.183	O	|	|	|	2.47
24.800	0.00	0.08	0.183	O	|	|	|	2.47
24.817	0.00	0.08	0.182	O	|	|	|	2.46
24.833	0.00	0.08	0.182	O	|	|	|	2.46
24.850	0.00	0.08	0.182	O	|	|	|	2.46
24.867	0.00	0.08	0.182	O	|	|	|	2.46
24.883	0.00	0.08	0.182	O	|	|	|	2.46
24.900	0.00	0.08	0.182	O	|	|	|	2.46
24.917	0.00	0.08	0.182	O	|	|	|	2.45
24.933	0.00	0.08	0.182	O	|	|	|	2.45
24.950	0.00	0.08	0.182	O	|	|	|	2.45
24.967	0.00	0.08	0.181	O	|	|	|	2.45
24.983	0.00	0.08	0.181	O	|	|	|	2.45
25.000	0.00	0.08	0.181	O	|	|	|	2.45
25.017	0.00	0.08	0.181	O	|	|	|	2.44
25.033	0.00	0.08	0.181	O	|	|	|	2.44
25.050	0.00	0.08	0.181	O	|	|	|	2.44
25.067	0.00	0.08	0.181	O	|	|	|	2.44
25.083	0.00	0.08	0.181	O	|	|	|	2.44
25.100	0.00	0.08	0.181	O	|	|	|	2.44
25.117	0.00	0.08	0.180	O	|	|	|	2.43
25.133	0.00	0.08	0.180	O	|	|	|	2.43
25.150	0.00	0.08	0.180	O	|	|	|	2.43
25.167	0.00	0.08	0.180	O	|	|	|	2.43
25.183	0.00	0.08	0.180	O	|	|	|	2.43
25.200	0.00	0.08	0.180	O	|	|	|	2.43
25.217	0.00	0.08	0.180	O	|	|	|	2.43
25.233	0.00	0.08	0.180	O	|	|	|	2.42
25.250	0.00	0.08	0.180	O	|	|	|	2.42
25.267	0.00	0.08	0.179	O	|	|	|	2.42
25.283	0.00	0.08	0.179	O	|	|	|	2.42
25.300	0.00	0.08	0.179	O	|	|	|	2.42
25.317	0.00	0.08	0.179	O	|	|	|	2.42
25.333	0.00	0.08	0.179	O	|	|	|	2.41
25.350	0.00	0.08	0.179	O	|	|	|	2.41
25.367	0.00	0.08	0.179	O	|	|	|	2.41
25.383	0.00	0.08	0.179	O	|	|	|	2.41
25.400	0.00	0.08	0.179	O	|	|	|	2.41
25.417	0.00	0.08	0.178	O	|	|	|	2.41

25.433	0.00	0.08	0.178	O				2.40
25.450	0.00	0.08	0.178	O				2.40
25.467	0.00	0.08	0.178	O				2.40
25.483	0.00	0.08	0.178	O				2.40
25.500	0.00	0.08	0.178	O				2.40
25.517	0.00	0.08	0.178	O				2.40
25.533	0.00	0.08	0.178	O				2.39
25.550	0.00	0.08	0.178	O				2.39
25.567	0.00	0.08	0.177	O				2.39
25.583	0.00	0.08	0.177	O				2.39
25.600	0.00	0.08	0.177	O				2.39
25.617	0.00	0.08	0.177	O				2.39
25.633	0.00	0.08	0.177	O				2.39
25.650	0.00	0.08	0.177	O				2.38
25.667	0.00	0.08	0.177	O				2.38
25.683	0.00	0.08	0.177	O				2.38
25.700	0.00	0.08	0.177	O				2.38
25.717	0.00	0.08	0.176	O				2.38
25.733	0.00	0.08	0.176	O				2.38
25.750	0.00	0.08	0.176	O				2.37
25.767	0.00	0.08	0.176	O				2.37
25.783	0.00	0.08	0.176	O				2.37
25.800	0.00	0.08	0.176	O				2.37
25.817	0.00	0.08	0.176	O				2.37
25.833	0.00	0.08	0.176	O				2.37
25.850	0.00	0.08	0.176	O				2.36
25.867	0.00	0.08	0.175	O				2.36
25.883	0.00	0.08	0.175	O				2.36
25.900	0.00	0.08	0.175	O				2.36
25.917	0.00	0.08	0.175	O				2.36
25.933	0.00	0.08	0.175	O				2.36
25.950	0.00	0.08	0.175	O				2.36
25.967	0.00	0.08	0.175	O				2.35
25.983	0.00	0.08	0.175	O				2.35
26.000	0.00	0.08	0.175	O				2.35
26.017	0.00	0.08	0.174	O				2.35
26.033	0.00	0.08	0.174	O				2.35
26.050	0.00	0.08	0.174	O				2.35
26.067	0.00	0.08	0.174	O				2.34
26.083	0.00	0.08	0.174	O				2.34
26.100	0.00	0.08	0.174	O				2.34
26.117	0.00	0.08	0.174	O				2.34
26.133	0.00	0.08	0.174	O				2.34
26.150	0.00	0.08	0.174	O				2.34
26.167	0.00	0.08	0.173	O				2.33
26.183	0.00	0.08	0.173	O				2.33
26.200	0.00	0.08	0.173	O				2.33
26.217	0.00	0.08	0.173	O				2.33
26.233	0.00	0.08	0.173	O				2.33
26.250	0.00	0.08	0.173	O				2.33

26.267	0.00	0.08	0.173	O	|	|	|	2.33
26.283	0.00	0.08	0.173	O	|	|	|	2.32
26.300	0.00	0.08	0.173	O	|	|	|	2.32
26.317	0.00	0.08	0.172	O	|	|	|	2.32
26.333	0.00	0.08	0.172	O	|	|	|	2.32
26.350	0.00	0.08	0.172	O	|	|	|	2.32
26.367	0.00	0.08	0.172	O	|	|	|	2.32
26.383	0.00	0.08	0.172	O	|	|	|	2.31
26.400	0.00	0.08	0.172	O	|	|	|	2.31
26.417	0.00	0.08	0.172	O	|	|	|	2.31
26.433	0.00	0.08	0.172	O	|	|	|	2.31
26.450	0.00	0.08	0.172	O	|	|	|	2.31
26.467	0.00	0.08	0.171	O	|	|	|	2.31
26.483	0.00	0.08	0.171	O	|	|	|	2.31
26.500	0.00	0.08	0.171	O	|	|	|	2.30
26.517	0.00	0.08	0.171	O	|	|	|	2.30
26.533	0.00	0.08	0.171	O	|	|	|	2.30
26.550	0.00	0.08	0.171	O	|	|	|	2.30
26.567	0.00	0.08	0.171	O	|	|	|	2.30
26.583	0.00	0.08	0.171	O	|	|	|	2.30
26.600	0.00	0.08	0.171	O	|	|	|	2.29
26.617	0.00	0.08	0.170	O	|	|	|	2.29
26.633	0.00	0.08	0.170	O	|	|	|	2.29
26.650	0.00	0.08	0.170	O	|	|	|	2.29
26.667	0.00	0.08	0.170	O	|	|	|	2.29
26.683	0.00	0.08	0.170	O	|	|	|	2.29
26.700	0.00	0.08	0.170	O	|	|	|	2.28
26.717	0.00	0.08	0.170	O	|	|	|	2.28
26.733	0.00	0.08	0.170	O	|	|	|	2.28
26.750	0.00	0.08	0.170	O	|	|	|	2.28
26.767	0.00	0.08	0.170	O	|	|	|	2.28
26.783	0.00	0.08	0.169	O	|	|	|	2.28
26.800	0.00	0.08	0.169	O	|	|	|	2.28
26.817	0.00	0.08	0.169	O	|	|	|	2.27
26.833	0.00	0.08	0.169	O	|	|	|	2.27
26.850	0.00	0.08	0.169	O	|	|	|	2.27
26.867	0.00	0.08	0.169	O	|	|	|	2.27
26.883	0.00	0.08	0.169	O	|	|	|	2.27
26.900	0.00	0.08	0.169	O	|	|	|	2.27
26.917	0.00	0.08	0.169	O	|	|	|	2.26
26.933	0.00	0.08	0.168	O	|	|	|	2.26
26.950	0.00	0.08	0.168	O	|	|	|	2.26
26.967	0.00	0.08	0.168	O	|	|	|	2.26
26.983	0.00	0.08	0.168	O	|	|	|	2.26
27.000	0.00	0.08	0.168	O	|	|	|	2.26
27.017	0.00	0.08	0.168	O	|	|	|	2.26
27.033	0.00	0.08	0.168	O	|	|	|	2.25
27.050	0.00	0.08	0.168	O	|	|	|	2.25
27.067	0.00	0.08	0.168	O	|	|	|	2.25
27.083	0.00	0.08	0.167	O	|	|	|	2.25

27.100	0.00	0.08	0.167	O				2.25
27.117	0.00	0.08	0.167	O				2.25
27.133	0.00	0.08	0.167	O				2.24
27.150	0.00	0.08	0.167	O				2.24
27.167	0.00	0.08	0.167	O				2.24
27.183	0.00	0.08	0.167	O				2.24
27.200	0.00	0.08	0.167	O				2.24
27.217	0.00	0.08	0.167	O				2.24
27.233	0.00	0.08	0.166	O				2.24
27.250	0.00	0.08	0.166	O				2.23
27.267	0.00	0.08	0.166	O				2.23
27.283	0.00	0.08	0.166	O				2.23
27.300	0.00	0.08	0.166	O				2.23
27.317	0.00	0.08	0.166	O				2.23
27.333	0.00	0.08	0.166	O				2.23
27.350	0.00	0.08	0.166	O				2.22
27.367	0.00	0.08	0.166	O				2.22
27.383	0.00	0.08	0.166	O				2.22
27.400	0.00	0.08	0.165	O				2.22
27.417	0.00	0.08	0.165	O				2.22
27.433	0.00	0.08	0.165	O				2.22
27.450	0.00	0.08	0.165	O				2.22
27.467	0.00	0.08	0.165	O				2.21
27.483	0.00	0.08	0.165	O				2.21
27.500	0.00	0.08	0.165	O				2.21
27.517	0.00	0.08	0.165	O				2.21
27.533	0.00	0.08	0.165	O				2.21
27.550	0.00	0.08	0.164	O				2.21
27.567	0.00	0.08	0.164	O				2.20
27.583	0.00	0.08	0.164	O				2.20
27.600	0.00	0.08	0.164	O				2.20
27.617	0.00	0.08	0.164	O				2.20
27.633	0.00	0.08	0.164	O				2.20
27.650	0.00	0.08	0.164	O				2.20
27.667	0.00	0.08	0.164	O				2.20
27.683	0.00	0.08	0.164	O				2.19
27.700	0.00	0.08	0.163	O				2.19
27.717	0.00	0.08	0.163	O				2.19
27.733	0.00	0.08	0.163	O				2.19
27.750	0.00	0.08	0.163	O				2.19
27.767	0.00	0.08	0.163	O				2.19
27.783	0.00	0.08	0.163	O				2.19
27.800	0.00	0.08	0.163	O				2.18
27.817	0.00	0.08	0.163	O				2.18
27.833	0.00	0.08	0.163	O				2.18
27.850	0.00	0.08	0.163	O				2.18
27.867	0.00	0.08	0.162	O				2.18
27.883	0.00	0.08	0.162	O				2.18
27.900	0.00	0.08	0.162	O				2.17
27.917	0.00	0.08	0.162	O				2.17

27.933	0.00	0.08	0.162	O	|	|	|	2.17
27.950	0.00	0.08	0.162	O	|	|	|	2.17
27.967	0.00	0.08	0.162	O	|	|	|	2.17
27.983	0.00	0.08	0.162	O	|	|	|	2.17
28.000	0.00	0.08	0.162	O	|	|	|	2.17
28.017	0.00	0.08	0.161	O	|	|	|	2.16
28.033	0.00	0.08	0.161	O	|	|	|	2.16
28.050	0.00	0.08	0.161	O	|	|	|	2.16
28.067	0.00	0.08	0.161	O	|	|	|	2.16
28.083	0.00	0.08	0.161	O	|	|	|	2.16
28.100	0.00	0.08	0.161	O	|	|	|	2.16
28.117	0.00	0.08	0.161	O	|	|	|	2.15
28.133	0.00	0.08	0.161	O	|	|	|	2.15
28.150	0.00	0.08	0.161	O	|	|	|	2.15
28.167	0.00	0.08	0.161	O	|	|	|	2.15
28.183	0.00	0.08	0.160	O	|	|	|	2.15
28.200	0.00	0.08	0.160	O	|	|	|	2.15
28.217	0.00	0.08	0.160	O	|	|	|	2.15
28.233	0.00	0.08	0.160	O	|	|	|	2.14
28.250	0.00	0.08	0.160	O	|	|	|	2.14
28.267	0.00	0.08	0.160	O	|	|	|	2.14
28.283	0.00	0.08	0.160	O	|	|	|	2.14
28.300	0.00	0.08	0.160	O	|	|	|	2.14
28.317	0.00	0.08	0.160	O	|	|	|	2.14
28.333	0.00	0.08	0.159	O	|	|	|	2.14
28.350	0.00	0.08	0.159	O	|	|	|	2.13
28.367	0.00	0.08	0.159	O	|	|	|	2.13
28.383	0.00	0.08	0.159	O	|	|	|	2.13
28.400	0.00	0.08	0.159	O	|	|	|	2.13
28.417	0.00	0.08	0.159	O	|	|	|	2.13
28.433	0.00	0.08	0.159	O	|	|	|	2.13
28.450	0.00	0.08	0.159	O	|	|	|	2.12
28.467	0.00	0.08	0.159	O	|	|	|	2.12
28.483	0.00	0.08	0.159	O	|	|	|	2.12
28.500	0.00	0.08	0.158	O	|	|	|	2.12
28.517	0.00	0.08	0.158	O	|	|	|	2.12
28.533	0.00	0.08	0.158	O	|	|	|	2.12
28.550	0.00	0.08	0.158	O	|	|	|	2.12
28.567	0.00	0.08	0.158	O	|	|	|	2.11
28.583	0.00	0.08	0.158	O	|	|	|	2.11
28.600	0.00	0.08	0.158	O	|	|	|	2.11
28.617	0.00	0.08	0.158	O	|	|	|	2.11
28.633	0.00	0.08	0.158	O	|	|	|	2.11
28.650	0.00	0.08	0.157	O	|	|	|	2.11
28.667	0.00	0.08	0.157	O	|	|	|	2.11
28.683	0.00	0.08	0.157	O	|	|	|	2.10
28.700	0.00	0.08	0.157	O	|	|	|	2.10
28.717	0.00	0.08	0.157	O	|	|	|	2.10
28.733	0.00	0.08	0.157	O	|	|	|	2.10
28.750	0.00	0.08	0.157	O	|	|	|	2.10

28.767	0.00	0.08	0.157	O				2.10
28.783	0.00	0.08	0.157	O				2.09
28.800	0.00	0.08	0.157	O				2.09
28.817	0.00	0.08	0.156	O				2.09
28.833	0.00	0.08	0.156	O				2.09
28.850	0.00	0.08	0.156	O				2.09
28.867	0.00	0.08	0.156	O				2.09
28.883	0.00	0.08	0.156	O				2.09
28.900	0.00	0.08	0.156	O				2.08
28.917	0.00	0.08	0.156	O				2.08
28.933	0.00	0.08	0.156	O				2.08
28.950	0.00	0.08	0.156	O				2.08
28.967	0.00	0.08	0.156	O				2.08
28.983	0.00	0.08	0.155	O				2.08
29.000	0.00	0.08	0.155	O				2.08
29.017	0.00	0.08	0.155	O				2.07
29.033	0.00	0.08	0.155	O				2.07
29.050	0.00	0.08	0.155	O				2.07
29.067	0.00	0.08	0.155	O				2.07
29.083	0.00	0.08	0.155	O				2.07
29.100	0.00	0.08	0.155	O				2.07
29.117	0.00	0.08	0.155	O				2.07
29.133	0.00	0.08	0.154	O				2.06
29.150	0.00	0.08	0.154	O				2.06
29.167	0.00	0.08	0.154	O				2.06
29.183	0.00	0.08	0.154	O				2.06
29.200	0.00	0.07	0.154	O				2.06
29.217	0.00	0.07	0.154	O				2.06
29.233	0.00	0.07	0.154	O				2.05
29.250	0.00	0.07	0.154	O				2.05
29.267	0.00	0.07	0.154	O				2.05
29.283	0.00	0.07	0.154	O				2.05
29.300	0.00	0.07	0.153	O				2.05
29.317	0.00	0.07	0.153	O				2.05
29.333	0.00	0.07	0.153	O				2.05
29.350	0.00	0.07	0.153	O				2.04
29.367	0.00	0.07	0.153	O				2.04
29.383	0.00	0.07	0.153	O				2.04
29.400	0.00	0.07	0.153	O				2.04
29.417	0.00	0.07	0.153	O				2.04
29.433	0.00	0.07	0.153	O				2.04
29.450	0.00	0.07	0.153	O				2.04
29.467	0.00	0.07	0.152	O				2.03
29.483	0.00	0.07	0.152	O				2.03
29.500	0.00	0.07	0.152	O				2.03
29.517	0.00	0.07	0.152	O				2.03
29.533	0.00	0.07	0.152	O				2.03
29.550	0.00	0.07	0.152	O				2.03
29.567	0.00	0.07	0.152	O				2.03
29.583	0.00	0.07	0.152	O				2.02

29.600	0.00	0.07	0.152	O	|	|	|	2.02
29.617	0.00	0.07	0.151	O	|	|	|	2.02
29.633	0.00	0.07	0.151	O	|	|	|	2.02
29.650	0.00	0.07	0.151	O	|	|	|	2.02
29.667	0.00	0.07	0.151	O	|	|	|	2.02
29.683	0.00	0.07	0.151	O	|	|	|	2.02
29.700	0.00	0.07	0.151	O	|	|	|	2.01
29.717	0.00	0.07	0.151	O	|	|	|	2.01
29.733	0.00	0.07	0.151	O	|	|	|	2.01
29.750	0.00	0.07	0.151	O	|	|	|	2.01
29.767	0.00	0.07	0.151	O	|	|	|	2.01
29.783	0.00	0.07	0.150	O	|	|	|	2.01
29.800	0.00	0.07	0.150	O	|	|	|	2.01
29.817	0.00	0.07	0.150	O	|	|	|	2.00
29.833	0.00	0.07	0.150	O	|	|	|	2.00
29.850	0.00	0.07	0.150	O	|	|	|	2.00
29.867	0.00	0.07	0.150	O	|	|	|	2.00
29.883	0.00	0.07	0.150	O	|	|	|	2.00
29.900	0.00	0.07	0.150	O	|	|	|	2.00
29.917	0.00	0.07	0.150	O	|	|	|	2.00
29.933	0.00	0.07	0.150	O	|	|	|	1.99
29.950	0.00	0.07	0.149	O	|	|	|	1.99
29.967	0.00	0.07	0.149	O	|	|	|	1.99
29.983	0.00	0.07	0.149	O	|	|	|	1.99
30.000	0.00	0.07	0.149	O	|	|	|	1.99
30.017	0.00	0.07	0.149	O	|	|	|	1.99
30.033	0.00	0.07	0.149	O	|	|	|	1.99
30.050	0.00	0.07	0.149	O	|	|	|	1.99
30.067	0.00	0.07	0.149	O	|	|	|	1.98
30.083	0.00	0.07	0.149	O	|	|	|	1.98
30.100	0.00	0.07	0.149	O	|	|	|	1.98
30.117	0.00	0.07	0.148	O	|	|	|	1.98
30.133	0.00	0.07	0.148	O	|	|	|	1.98
30.150	0.00	0.07	0.148	O	|	|	|	1.98
30.167	0.00	0.07	0.148	O	|	|	|	1.98
30.183	0.00	0.07	0.148	O	|	|	|	1.98
30.200	0.00	0.07	0.148	O	|	|	|	1.97
30.217	0.00	0.07	0.148	O	|	|	|	1.97
30.233	0.00	0.07	0.148	O	|	|	|	1.97
30.250	0.00	0.07	0.148	O	|	|	|	1.97
30.267	0.00	0.07	0.148	O	|	|	|	1.97
30.283	0.00	0.07	0.147	O	|	|	|	1.97
30.300	0.00	0.07	0.147	O	|	|	|	1.97
30.317	0.00	0.07	0.147	O	|	|	|	1.97
30.333	0.00	0.07	0.147	O	|	|	|	1.96
30.350	0.00	0.07	0.147	O	|	|	|	1.96
30.367	0.00	0.07	0.147	O	|	|	|	1.96
30.383	0.00	0.07	0.147	O	|	|	|	1.96
30.400	0.00	0.07	0.147	O	|	|	|	1.96
30.417	0.00	0.07	0.147	O	|	|	|	1.96

30.433	0.00	0.07	0.147	O				1.96
30.450	0.00	0.07	0.146	O				1.96
30.467	0.00	0.07	0.146	O				1.95
30.483	0.00	0.07	0.146	O				1.95
30.500	0.00	0.07	0.146	O				1.95
30.517	0.00	0.07	0.146	O				1.95
30.533	0.00	0.07	0.146	O				1.95
30.550	0.00	0.07	0.146	O				1.95
30.567	0.00	0.07	0.146	O				1.95
30.583	0.00	0.07	0.146	O				1.95
30.600	0.00	0.07	0.146	O				1.94
30.617	0.00	0.07	0.145	O				1.94
30.633	0.00	0.07	0.145	O				1.94
30.650	0.00	0.07	0.145	O				1.94
30.667	0.00	0.07	0.145	O				1.94
30.683	0.00	0.07	0.145	O				1.94
30.700	0.00	0.07	0.145	O				1.94
30.717	0.00	0.07	0.145	O				1.94
30.733	0.00	0.07	0.145	O				1.93
30.750	0.00	0.07	0.145	O				1.93
30.767	0.00	0.07	0.145	O				1.93
30.783	0.00	0.07	0.144	O				1.93
30.800	0.00	0.07	0.144	O				1.93
30.817	0.00	0.07	0.144	O				1.93
30.833	0.00	0.07	0.144	O				1.93
30.850	0.00	0.07	0.144	O				1.93
30.867	0.00	0.07	0.144	O				1.92
30.883	0.00	0.07	0.144	O				1.92
30.900	0.00	0.07	0.144	O				1.92
30.917	0.00	0.07	0.144	O				1.92
30.933	0.00	0.07	0.144	O				1.92
30.950	0.00	0.07	0.143	O				1.92
30.967	0.00	0.07	0.143	O				1.92
30.983	0.00	0.07	0.143	O				1.92
31.000	0.00	0.07	0.143	O				1.91
31.017	0.00	0.07	0.143	O				1.91
31.033	0.00	0.07	0.143	O				1.91
31.050	0.00	0.07	0.143	O				1.91
31.067	0.00	0.07	0.143	O				1.91
31.083	0.00	0.07	0.143	O				1.91
31.100	0.00	0.07	0.143	O				1.91
31.117	0.00	0.07	0.142	O				1.91
31.133	0.00	0.07	0.142	O				1.90
31.150	0.00	0.07	0.142	O				1.90
31.167	0.00	0.07	0.142	O				1.90
31.183	0.00	0.07	0.142	O				1.90
31.200	0.00	0.07	0.142	O				1.90
31.217	0.00	0.07	0.142	O				1.90
31.233	0.00	0.07	0.142	O				1.90
31.250	0.00	0.07	0.142	O				1.90

31.267	0.00	0.07	0.142	O	|	|	|	1.89
31.283	0.00	0.07	0.141	O	|	|	|	1.89
31.300	0.00	0.07	0.141	O	|	|	|	1.89
31.317	0.00	0.07	0.141	O	|	|	|	1.89
31.333	0.00	0.07	0.141	O	|	|	|	1.89
31.350	0.00	0.07	0.141	O	|	|	|	1.89
31.367	0.00	0.07	0.141	O	|	|	|	1.89
31.383	0.00	0.07	0.141	O	|	|	|	1.89
31.400	0.00	0.07	0.141	O	|	|	|	1.88
31.417	0.00	0.07	0.141	O	|	|	|	1.88
31.433	0.00	0.07	0.141	O	|	|	|	1.88
31.450	0.00	0.07	0.140	O	|	|	|	1.88
31.467	0.00	0.07	0.140	O	|	|	|	1.88
31.483	0.00	0.07	0.140	O	|	|	|	1.88
31.500	0.00	0.07	0.140	O	|	|	|	1.88
31.517	0.00	0.07	0.140	O	|	|	|	1.88
31.533	0.00	0.07	0.140	O	|	|	|	1.87
31.550	0.00	0.07	0.140	O	|	|	|	1.87
31.567	0.00	0.07	0.140	O	|	|	|	1.87
31.583	0.00	0.07	0.140	O	|	|	|	1.87
31.600	0.00	0.07	0.140	O	|	|	|	1.87
31.617	0.00	0.07	0.139	O	|	|	|	1.87
31.633	0.00	0.07	0.139	O	|	|	|	1.87
31.650	0.00	0.07	0.139	O	|	|	|	1.87
31.667	0.00	0.07	0.139	O	|	|	|	1.86
31.683	0.00	0.07	0.139	O	|	|	|	1.86
31.700	0.00	0.07	0.139	O	|	|	|	1.86
31.717	0.00	0.07	0.139	O	|	|	|	1.86
31.733	0.00	0.07	0.139	O	|	|	|	1.86
31.750	0.00	0.07	0.139	O	|	|	|	1.86
31.767	0.00	0.07	0.139	O	|	|	|	1.86
31.783	0.00	0.07	0.138	O	|	|	|	1.86
31.800	0.00	0.07	0.138	O	|	|	|	1.85
31.817	0.00	0.07	0.138	O	|	|	|	1.85
31.833	0.00	0.07	0.138	O	|	|	|	1.85
31.850	0.00	0.07	0.138	O	|	|	|	1.85
31.867	0.00	0.07	0.138	O	|	|	|	1.85
31.883	0.00	0.07	0.138	O	|	|	|	1.85
31.900	0.00	0.07	0.138	O	|	|	|	1.85
31.917	0.00	0.07	0.138	O	|	|	|	1.85
31.933	0.00	0.07	0.138	O	|	|	|	1.85
31.950	0.00	0.07	0.138	O	|	|	|	1.84
31.967	0.00	0.07	0.137	O	|	|	|	1.84
31.983	0.00	0.07	0.137	O	|	|	|	1.84
32.000	0.00	0.07	0.137	O	|	|	|	1.84
32.017	0.00	0.07	0.137	O	|	|	|	1.84
32.033	0.00	0.07	0.137	O	|	|	|	1.84
32.050	0.00	0.07	0.137	O	|	|	|	1.84
32.067	0.00	0.07	0.137	O	|	|	|	1.84
32.083	0.00	0.07	0.137	O	|	|	|	1.83

32.100	0.00	0.07	0.137	O				1.83
32.117	0.00	0.07	0.137	O				1.83
32.133	0.00	0.07	0.136	O				1.83
32.150	0.00	0.07	0.136	O				1.83
32.167	0.00	0.07	0.136	O				1.83
32.183	0.00	0.07	0.136	O				1.83
32.200	0.00	0.07	0.136	O				1.83
32.217	0.00	0.07	0.136	O				1.82
32.233	0.00	0.07	0.136	O				1.82
32.250	0.00	0.07	0.136	O				1.82
32.267	0.00	0.07	0.136	O				1.82
32.283	0.00	0.07	0.136	O				1.82
32.300	0.00	0.07	0.135	O				1.82
32.317	0.00	0.07	0.135	O				1.82
32.333	0.00	0.07	0.135	O				1.82
32.350	0.00	0.07	0.135	O				1.81
32.367	0.00	0.07	0.135	O				1.81
32.383	0.00	0.07	0.135	O				1.81
32.400	0.00	0.07	0.135	O				1.81
32.417	0.00	0.07	0.135	O				1.81
32.433	0.00	0.07	0.135	O				1.81
32.450	0.00	0.07	0.135	O				1.81
32.467	0.00	0.07	0.135	O				1.81
32.483	0.00	0.07	0.134	O				1.81
32.500	0.00	0.07	0.134	O				1.80
32.517	0.00	0.07	0.134	O				1.80
32.533	0.00	0.07	0.134	O				1.80
32.550	0.00	0.07	0.134	O				1.80
32.567	0.00	0.07	0.134	O				1.80
32.583	0.00	0.07	0.134	O				1.80
32.600	0.00	0.07	0.134	O				1.80
32.617	0.00	0.07	0.134	O				1.80
32.633	0.00	0.07	0.134	O				1.79
32.650	0.00	0.07	0.133	O				1.79
32.667	0.00	0.07	0.133	O				1.79
32.683	0.00	0.07	0.133	O				1.79
32.700	0.00	0.07	0.133	O				1.79
32.717	0.00	0.07	0.133	O				1.79
32.733	0.00	0.07	0.133	O				1.79
32.750	0.00	0.07	0.133	O				1.79
32.767	0.00	0.07	0.133	O				1.78
32.783	0.00	0.07	0.133	O				1.78
32.800	0.00	0.07	0.133	O				1.78
32.817	0.00	0.07	0.133	O				1.78
32.833	0.00	0.07	0.132	O				1.78
32.850	0.00	0.07	0.132	O				1.78
32.867	0.00	0.07	0.132	O				1.78
32.883	0.00	0.07	0.132	O				1.78
32.900	0.00	0.07	0.132	O				1.78
32.917	0.00	0.07	0.132	O				1.77

32.933	0.00	0.07	0.132	O	|	|	|	1.77
32.950	0.00	0.07	0.132	O	|	|	|	1.77
32.967	0.00	0.07	0.132	O	|	|	|	1.77
32.983	0.00	0.07	0.132	O	|	|	|	1.77
33.000	0.00	0.07	0.131	O	|	|	|	1.77
33.017	0.00	0.07	0.131	O	|	|	|	1.77
33.033	0.00	0.07	0.131	O	|	|	|	1.77
33.050	0.00	0.07	0.131	O	|	|	|	1.76
33.067	0.00	0.07	0.131	O	|	|	|	1.76
33.083	0.00	0.07	0.131	O	|	|	|	1.76
33.100	0.00	0.07	0.131	O	|	|	|	1.76
33.117	0.00	0.07	0.131	O	|	|	|	1.76
33.133	0.00	0.07	0.131	O	|	|	|	1.76
33.150	0.00	0.07	0.131	O	|	|	|	1.76
33.167	0.00	0.07	0.131	O	|	|	|	1.76
33.183	0.00	0.07	0.130	O	|	|	|	1.76
33.200	0.00	0.07	0.130	O	|	|	|	1.75
33.217	0.00	0.07	0.130	O	|	|	|	1.75
33.233	0.00	0.07	0.130	O	|	|	|	1.75
33.250	0.00	0.07	0.130	O	|	|	|	1.75
33.267	0.00	0.07	0.130	O	|	|	|	1.75
33.283	0.00	0.07	0.130	O	|	|	|	1.75
33.300	0.00	0.07	0.130	O	|	|	|	1.75
33.317	0.00	0.07	0.130	O	|	|	|	1.75
33.333	0.00	0.07	0.130	O	|	|	|	1.74
33.350	0.00	0.07	0.129	O	|	|	|	1.74
33.367	0.00	0.07	0.129	O	|	|	|	1.74
33.383	0.00	0.07	0.129	O	|	|	|	1.74
33.400	0.00	0.07	0.129	O	|	|	|	1.74
33.417	0.00	0.07	0.129	O	|	|	|	1.74
33.433	0.00	0.07	0.129	O	|	|	|	1.74
33.450	0.00	0.07	0.129	O	|	|	|	1.74
33.467	0.00	0.07	0.129	O	|	|	|	1.74
33.483	0.00	0.07	0.129	O	|	|	|	1.73
33.500	0.00	0.07	0.129	O	|	|	|	1.73
33.517	0.00	0.07	0.129	O	|	|	|	1.73
33.533	0.00	0.07	0.128	O	|	|	|	1.73
33.550	0.00	0.07	0.128	O	|	|	|	1.73
33.567	0.00	0.07	0.128	O	|	|	|	1.73
33.583	0.00	0.07	0.128	O	|	|	|	1.73
33.600	0.00	0.07	0.128	O	|	|	|	1.73
33.617	0.00	0.07	0.128	O	|	|	|	1.72
33.633	0.00	0.07	0.128	O	|	|	|	1.72
33.650	0.00	0.07	0.128	O	|	|	|	1.72
33.667	0.00	0.07	0.128	O	|	|	|	1.72
33.683	0.00	0.07	0.128	O	|	|	|	1.72
33.700	0.00	0.07	0.128	O	|	|	|	1.72
33.717	0.00	0.07	0.127	O	|	|	|	1.72
33.733	0.00	0.07	0.127	O	|	|	|	1.72
33.750	0.00	0.07	0.127	O	|	|	|	1.72

33.767	0.00	0.07	0.127	O	|	|	|	1.71
33.783	0.00	0.07	0.127	O	|	|	|	1.71
33.800	0.00	0.07	0.127	O	|	|	|	1.71
33.817	0.00	0.07	0.127	O	|	|	|	1.71
33.833	0.00	0.07	0.127	O	|	|	|	1.71
33.850	0.00	0.07	0.127	O	|	|	|	1.71
33.867	0.00	0.07	0.127	O	|	|	|	1.71
33.883	0.00	0.07	0.126	O	|	|	|	1.71
33.900	0.00	0.07	0.126	O	|	|	|	1.70
33.917	0.00	0.07	0.126	O	|	|	|	1.70
33.933	0.00	0.07	0.126	O	|	|	|	1.70
33.950	0.00	0.07	0.126	O	|	|	|	1.70
33.967	0.00	0.07	0.126	O	|	|	|	1.70
33.983	0.00	0.07	0.126	O	|	|	|	1.70
34.000	0.00	0.07	0.126	O	|	|	|	1.70
34.017	0.00	0.07	0.126	O	|	|	|	1.70
34.033	0.00	0.07	0.126	O	|	|	|	1.70
34.050	0.00	0.07	0.126	O	|	|	|	1.69
34.067	0.00	0.07	0.125	O	|	|	|	1.69
34.083	0.00	0.07	0.125	O	|	|	|	1.69
34.100	0.00	0.07	0.125	O	|	|	|	1.69
34.117	0.00	0.07	0.125	O	|	|	|	1.69
34.133	0.00	0.07	0.125	O	|	|	|	1.69
34.150	0.00	0.07	0.125	O	|	|	|	1.69
34.167	0.00	0.07	0.125	O	|	|	|	1.69
34.183	0.00	0.07	0.125	O	|	|	|	1.69
34.200	0.00	0.07	0.125	O	|	|	|	1.68
34.217	0.00	0.07	0.125	O	|	|	|	1.68
34.233	0.00	0.07	0.125	O	|	|	|	1.68
34.250	0.00	0.07	0.124	O	|	|	|	1.68
34.267	0.00	0.07	0.124	O	|	|	|	1.68
34.283	0.00	0.07	0.124	O	|	|	|	1.68
34.300	0.00	0.07	0.124	O	|	|	|	1.68
34.317	0.00	0.07	0.124	O	|	|	|	1.68
34.333	0.00	0.07	0.124	O	|	|	|	1.67
34.350	0.00	0.07	0.124	O	|	|	|	1.67
34.367	0.00	0.07	0.124	O	|	|	|	1.67
34.383	0.00	0.07	0.124	O	|	|	|	1.67
34.400	0.00	0.07	0.124	O	|	|	|	1.67
34.417	0.00	0.07	0.124	O	|	|	|	1.67
34.433	0.00	0.07	0.123	O	|	|	|	1.67
34.450	0.00	0.07	0.123	O	|	|	|	1.67
34.467	0.00	0.07	0.123	O	|	|	|	1.67
34.483	0.00	0.07	0.123	O	|	|	|	1.66
34.500	0.00	0.07	0.123	O	|	|	|	1.66
34.517	0.00	0.07	0.123	O	|	|	|	1.66
34.533	0.00	0.07	0.123	O	|	|	|	1.66
34.550	0.00	0.07	0.123	O	|	|	|	1.66
34.567	0.00	0.07	0.123	O	|	|	|	1.66
34.583	0.00	0.07	0.123	O	|	|	|	1.66

34.600	0.00	0.07	0.123	O	|	|	|	1.66
34.617	0.00	0.07	0.122	O	|	|	|	1.66
34.633	0.00	0.07	0.122	O	|	|	|	1.65
34.650	0.00	0.07	0.122	O	|	|	|	1.65
34.667	0.00	0.07	0.122	O	|	|	|	1.65
34.683	0.00	0.07	0.122	O	|	|	|	1.65
34.700	0.00	0.07	0.122	O	|	|	|	1.65
34.717	0.00	0.07	0.122	O	|	|	|	1.65
34.733	0.00	0.07	0.122	O	|	|	|	1.65
34.750	0.00	0.07	0.122	O	|	|	|	1.65
34.767	0.00	0.07	0.122	O	|	|	|	1.64
34.783	0.00	0.07	0.122	O	|	|	|	1.64
34.800	0.00	0.07	0.121	O	|	|	|	1.64
34.817	0.00	0.07	0.121	O	|	|	|	1.64
34.833	0.00	0.07	0.121	O	|	|	|	1.64
34.850	0.00	0.07	0.121	O	|	|	|	1.64
34.867	0.00	0.07	0.121	O	|	|	|	1.64
34.883	0.00	0.07	0.121	O	|	|	|	1.64
34.900	0.00	0.07	0.121	O	|	|	|	1.64
34.917	0.00	0.07	0.121	O	|	|	|	1.63
34.933	0.00	0.07	0.121	O	|	|	|	1.63
34.950	0.00	0.07	0.121	O	|	|	|	1.63
34.967	0.00	0.07	0.121	O	|	|	|	1.63
34.983	0.00	0.07	0.120	O	|	|	|	1.63
35.000	0.00	0.07	0.120	O	|	|	|	1.63
35.017	0.00	0.07	0.120	O	|	|	|	1.63
35.033	0.00	0.07	0.120	O	|	|	|	1.63
35.050	0.00	0.07	0.120	O	|	|	|	1.63
35.067	0.00	0.07	0.120	O	|	|	|	1.62
35.083	0.00	0.07	0.120	O	|	|	|	1.62
35.100	0.00	0.07	0.120	O	|	|	|	1.62
35.117	0.00	0.07	0.120	O	|	|	|	1.62
35.133	0.00	0.07	0.120	O	|	|	|	1.62
35.150	0.00	0.07	0.120	O	|	|	|	1.62
35.167	0.00	0.07	0.119	O	|	|	|	1.62
35.183	0.00	0.07	0.119	O	|	|	|	1.62
35.200	0.00	0.07	0.119	O	|	|	|	1.62
35.217	0.00	0.07	0.119	O	|	|	|	1.61
35.233	0.00	0.07	0.119	O	|	|	|	1.61
35.250	0.00	0.07	0.119	O	|	|	|	1.61
35.267	0.00	0.07	0.119	O	|	|	|	1.61
35.283	0.00	0.07	0.119	O	|	|	|	1.61
35.300	0.00	0.07	0.119	O	|	|	|	1.61
35.317	0.00	0.07	0.119	O	|	|	|	1.61
35.333	0.00	0.07	0.119	O	|	|	|	1.61
35.350	0.00	0.07	0.118	O	|	|	|	1.61
35.367	0.00	0.07	0.118	O	|	|	|	1.60
35.383	0.00	0.07	0.118	O	|	|	|	1.60
35.400	0.00	0.07	0.118	O	|	|	|	1.60
35.417	0.00	0.07	0.118	O	|	|	|	1.60

35.433	0.00	0.07	0.118	O				1.60
35.450	0.00	0.07	0.118	O				1.60
35.467	0.00	0.07	0.118	O				1.60
35.483	0.00	0.07	0.118	O				1.60
35.500	0.00	0.07	0.118	O				1.60
35.517	0.00	0.07	0.118	O				1.59
35.533	0.00	0.07	0.117	O				1.59
35.550	0.00	0.07	0.117	O				1.59
35.567	0.00	0.06	0.117	O				1.59
35.583	0.00	0.06	0.117	O				1.59
35.600	0.00	0.06	0.117	O				1.59
35.617	0.00	0.06	0.117	O				1.59
35.633	0.00	0.06	0.117	O				1.59
35.650	0.00	0.06	0.117	O				1.59
35.667	0.00	0.06	0.117	O				1.58
35.683	0.00	0.06	0.117	O				1.58
35.700	0.00	0.06	0.117	O				1.58
35.717	0.00	0.06	0.116	O				1.58
35.733	0.00	0.06	0.116	O				1.58
35.750	0.00	0.06	0.116	O				1.58
35.767	0.00	0.06	0.116	O				1.58
35.783	0.00	0.06	0.116	O				1.58
35.800	0.00	0.06	0.116	O				1.58
35.817	0.00	0.06	0.116	O				1.57
35.833	0.00	0.06	0.116	O				1.57
35.850	0.00	0.06	0.116	O				1.57
35.867	0.00	0.06	0.116	O				1.57
35.883	0.00	0.06	0.116	O				1.57
35.900	0.00	0.06	0.115	O				1.57
35.917	0.00	0.06	0.115	O				1.57
35.933	0.00	0.06	0.115	O				1.57
35.950	0.00	0.06	0.115	O				1.57
35.967	0.00	0.06	0.115	O				1.56
35.983	0.00	0.06	0.115	O				1.56
36.000	0.00	0.06	0.115	O				1.56
36.017	0.00	0.06	0.115	O				1.56
36.033	0.00	0.06	0.115	O				1.56
36.050	0.00	0.06	0.115	O				1.56
36.067	0.00	0.06	0.115	O				1.56
36.083	0.00	0.06	0.114	O				1.56
36.100	0.00	0.06	0.114	O				1.56
36.117	0.00	0.06	0.114	O				1.55
36.133	0.00	0.06	0.114	O				1.55
36.150	0.00	0.06	0.114	O				1.55
36.167	0.00	0.06	0.114	O				1.55
36.183	0.00	0.06	0.114	O				1.55
36.200	0.00	0.06	0.114	O				1.55
36.217	0.00	0.06	0.114	O				1.55
36.233	0.00	0.06	0.114	O				1.55
36.250	0.00	0.06	0.114	O				1.55

36.267	0.00	0.06	0.114	O				1.54
36.283	0.00	0.06	0.113	O				1.54
36.300	0.00	0.06	0.113	O				1.54
36.317	0.00	0.06	0.113	O				1.54
36.333	0.00	0.06	0.113	O				1.54
36.350	0.00	0.06	0.113	O				1.54
36.367	0.00	0.06	0.113	O				1.54
36.383	0.00	0.06	0.113	O				1.54
36.400	0.00	0.06	0.113	O				1.54
36.417	0.00	0.06	0.113	O				1.53
36.433	0.00	0.06	0.113	O				1.53
36.450	0.00	0.06	0.113	O				1.53
36.467	0.00	0.06	0.112	O				1.53
36.483	0.00	0.06	0.112	O				1.53
36.500	0.00	0.06	0.112	O				1.53
36.517	0.00	0.06	0.112	O				1.53
36.533	0.00	0.06	0.112	O				1.53
36.550	0.00	0.06	0.112	O				1.53
36.567	0.00	0.06	0.112	O				1.52
36.583	0.00	0.06	0.112	O				1.52
36.600	0.00	0.06	0.112	O				1.52
36.617	0.00	0.06	0.112	O				1.52
36.633	0.00	0.06	0.112	O				1.52
36.650	0.00	0.06	0.112	O				1.52
36.667	0.00	0.06	0.111	O				1.52
36.683	0.00	0.06	0.111	O				1.52
36.700	0.00	0.06	0.111	O				1.52
36.717	0.00	0.06	0.111	O				1.51
36.733	0.00	0.06	0.111	O				1.51
36.750	0.00	0.06	0.111	O				1.51
36.767	0.00	0.06	0.111	O				1.51
36.783	0.00	0.06	0.111	O				1.51
36.800	0.00	0.06	0.111	O				1.51
36.817	0.00	0.06	0.111	O				1.51
36.833	0.00	0.06	0.111	O				1.51
36.850	0.00	0.06	0.110	O				1.51
36.867	0.00	0.06	0.110	O				1.50
36.883	0.00	0.06	0.110	O				1.50
36.900	0.00	0.06	0.110	O				1.50
36.917	0.00	0.06	0.110	O				1.50
36.933	0.00	0.06	0.110	O				1.50
36.950	0.00	0.06	0.110	O				1.50
36.967	0.00	0.06	0.110	O				1.50
36.983	0.00	0.06	0.110	O				1.50
37.000	0.00	0.06	0.110	O				1.50
37.017	0.00	0.06	0.110	O				1.49
37.033	0.00	0.06	0.110	O				1.49
37.050	0.00	0.06	0.109	O				1.49
37.067	0.00	0.06	0.109	O				1.49
37.083	0.00	0.06	0.109	O				1.49

37.100	0.00	0.06	0.109	O				1.49
37.117	0.00	0.06	0.109	O				1.49
37.133	0.00	0.06	0.109	O				1.49
37.150	0.00	0.06	0.109	O				1.49
37.167	0.00	0.06	0.109	O				1.49
37.183	0.00	0.06	0.109	O				1.48
37.200	0.00	0.06	0.109	O				1.48
37.217	0.00	0.06	0.109	O				1.48
37.233	0.00	0.06	0.108	O				1.48
37.250	0.00	0.06	0.108	O				1.48
37.267	0.00	0.06	0.108	O				1.48
37.283	0.00	0.06	0.108	O				1.48
37.300	0.00	0.06	0.108	O				1.48
37.317	0.00	0.06	0.108	O				1.48
37.333	0.00	0.06	0.108	O				1.47
37.350	0.00	0.06	0.108	O				1.47
37.367	0.00	0.06	0.108	O				1.47
37.383	0.00	0.06	0.108	O				1.47
37.400	0.00	0.06	0.108	O				1.47
37.417	0.00	0.06	0.108	O				1.47
37.433	0.00	0.06	0.107	O				1.47
37.450	0.00	0.06	0.107	O				1.47
37.467	0.00	0.06	0.107	O				1.47
37.483	0.00	0.06	0.107	O				1.46
37.500	0.00	0.06	0.107	O				1.46
37.517	0.00	0.06	0.107	O				1.46
37.533	0.00	0.06	0.107	O				1.46
37.550	0.00	0.06	0.107	O				1.46
37.567	0.00	0.06	0.107	O				1.46
37.583	0.00	0.06	0.107	O				1.46
37.600	0.00	0.06	0.107	O				1.46
37.617	0.00	0.06	0.106	O				1.46
37.633	0.00	0.06	0.106	O				1.46
37.650	0.00	0.06	0.106	O				1.45
37.667	0.00	0.06	0.106	O				1.45
37.683	0.00	0.06	0.106	O				1.45
37.700	0.00	0.06	0.106	O				1.45
37.717	0.00	0.06	0.106	O				1.45
37.733	0.00	0.06	0.106	O				1.45
37.750	0.00	0.06	0.106	O				1.45
37.767	0.00	0.06	0.106	O				1.45
37.783	0.00	0.06	0.106	O				1.45
37.800	0.00	0.06	0.106	O				1.44
37.817	0.00	0.06	0.105	O				1.44
37.833	0.00	0.06	0.105	O				1.44
37.850	0.00	0.06	0.105	O				1.44
37.867	0.00	0.06	0.105	O				1.44
37.883	0.00	0.06	0.105	O				1.44
37.900	0.00	0.06	0.105	O				1.44
37.917	0.00	0.06	0.105	O				1.44

37.933	0.00	0.06	0.105	O				1.44
37.950	0.00	0.06	0.105	O				1.43
37.967	0.00	0.06	0.105	O				1.43
37.983	0.00	0.06	0.105	O				1.43
38.000	0.00	0.06	0.105	O				1.43
38.017	0.00	0.06	0.104	O				1.43
38.033	0.00	0.06	0.104	O				1.43
38.050	0.00	0.06	0.104	O				1.43
38.067	0.00	0.06	0.104	O				1.43
38.083	0.00	0.06	0.104	O				1.43
38.100	0.00	0.06	0.104	O				1.43
38.117	0.00	0.06	0.104	O				1.42
38.133	0.00	0.06	0.104	O				1.42
38.150	0.00	0.06	0.104	O				1.42
38.167	0.00	0.06	0.104	O				1.42
38.183	0.00	0.06	0.104	O				1.42
38.200	0.00	0.06	0.104	O				1.42
38.217	0.00	0.06	0.103	O				1.42
38.233	0.00	0.06	0.103	O				1.42
38.250	0.00	0.06	0.103	O				1.42
38.267	0.00	0.06	0.103	O				1.41
38.283	0.00	0.06	0.103	O				1.41
38.300	0.00	0.06	0.103	O				1.41
38.317	0.00	0.06	0.103	O				1.41
38.333	0.00	0.06	0.103	O				1.41
38.350	0.00	0.06	0.103	O				1.41
38.367	0.00	0.06	0.103	O				1.41
38.383	0.00	0.06	0.103	O				1.41
38.400	0.00	0.06	0.103	O				1.41
38.417	0.00	0.06	0.102	O				1.41
38.433	0.00	0.06	0.102	O				1.40
38.450	0.00	0.06	0.102	O				1.40
38.467	0.00	0.06	0.102	O				1.40
38.483	0.00	0.06	0.102	O				1.40
38.500	0.00	0.06	0.102	O				1.40
38.517	0.00	0.06	0.102	O				1.40
38.533	0.00	0.06	0.102	O				1.40
38.550	0.00	0.06	0.102	O				1.40
38.567	0.00	0.06	0.102	O				1.40
38.583	0.00	0.06	0.102	O				1.39
38.600	0.00	0.06	0.102	O				1.39
38.617	0.00	0.06	0.101	O				1.39
38.633	0.00	0.06	0.101	O				1.39
38.650	0.00	0.06	0.101	O				1.39
38.667	0.00	0.06	0.101	O				1.39
38.683	0.00	0.06	0.101	O				1.39
38.700	0.00	0.06	0.101	O				1.39
38.717	0.00	0.06	0.101	O				1.39
38.733	0.00	0.06	0.101	O				1.39
38.750	0.00	0.06	0.101	O				1.38

38.767	0.00	0.06	0.101	O				1.38
38.783	0.00	0.06	0.101	O				1.38
38.800	0.00	0.06	0.101	O				1.38
38.817	0.00	0.06	0.100	O				1.38
38.833	0.00	0.06	0.100	O				1.38
38.850	0.00	0.06	0.100	O				1.38
38.867	0.00	0.06	0.100	O				1.38
38.883	0.00	0.06	0.100	O				1.38
38.900	0.00	0.06	0.100	O				1.38
38.917	0.00	0.06	0.100	O				1.37
38.933	0.00	0.06	0.100	O				1.37
38.950	0.00	0.06	0.100	O				1.37
38.967	0.00	0.06	0.100	O				1.37
38.983	0.00	0.06	0.100	O				1.37
39.000	0.00	0.06	0.100	O				1.37
39.017	0.00	0.06	0.099	O				1.37
39.033	0.00	0.06	0.099	O				1.37
39.050	0.00	0.06	0.099	O				1.37
39.067	0.00	0.06	0.099	O				1.36
39.083	0.00	0.06	0.099	O				1.36
39.100	0.00	0.06	0.099	O				1.36
39.117	0.00	0.06	0.099	O				1.36
39.133	0.00	0.06	0.099	O				1.36
39.150	0.00	0.06	0.099	O				1.36
39.167	0.00	0.06	0.099	O				1.36
39.183	0.00	0.06	0.099	O				1.36
39.200	0.00	0.06	0.099	O				1.36
39.217	0.00	0.06	0.098	O				1.36
39.233	0.00	0.06	0.098	O				1.35
39.250	0.00	0.06	0.098	O				1.35
39.267	0.00	0.06	0.098	O				1.35
39.283	0.00	0.06	0.098	O				1.35
39.300	0.00	0.06	0.098	O				1.35
39.317	0.00	0.06	0.098	O				1.35
39.333	0.00	0.06	0.098	O				1.35
39.350	0.00	0.06	0.098	O				1.35
39.367	0.00	0.06	0.098	O				1.35
39.383	0.00	0.06	0.098	O				1.35
39.400	0.00	0.06	0.098	O				1.34
39.417	0.00	0.06	0.097	O				1.34
39.433	0.00	0.06	0.097	O				1.34
39.450	0.00	0.06	0.097	O				1.34
39.467	0.00	0.06	0.097	O				1.34
39.483	0.00	0.06	0.097	O				1.34
39.500	0.00	0.06	0.097	O				1.34
39.517	0.00	0.06	0.097	O				1.34
39.533	0.00	0.06	0.097	O				1.34
39.550	0.00	0.06	0.097	O				1.34
39.567	0.00	0.06	0.097	O				1.33
39.583	0.00	0.06	0.097	O				1.33

39.600	0.00	0.06	0.097	O				1.33
39.617	0.00	0.06	0.096	O				1.33
39.633	0.00	0.06	0.096	O				1.33
39.650	0.00	0.06	0.096	O				1.33
39.667	0.00	0.06	0.096	O				1.33
39.683	0.00	0.06	0.096	O				1.33
39.700	0.00	0.06	0.096	O				1.33
39.717	0.00	0.06	0.096	O				1.32
39.733	0.00	0.06	0.096	O				1.32
39.750	0.00	0.06	0.096	O				1.32
39.767	0.00	0.06	0.096	O				1.32
39.783	0.00	0.06	0.096	O				1.32
39.800	0.00	0.06	0.096	O				1.32
39.817	0.00	0.06	0.095	O				1.32
39.833	0.00	0.06	0.095	O				1.32
39.850	0.00	0.06	0.095	O				1.32
39.867	0.00	0.06	0.095	O				1.32
39.883	0.00	0.06	0.095	O				1.31
39.900	0.00	0.06	0.095	O				1.31
39.917	0.00	0.06	0.095	O				1.31
39.933	0.00	0.06	0.095	O				1.31
39.950	0.00	0.06	0.095	O				1.31
39.967	0.00	0.06	0.095	O				1.31
39.983	0.00	0.06	0.095	O				1.31
40.000	0.00	0.06	0.095	O				1.31
40.017	0.00	0.06	0.095	O				1.31
40.033	0.00	0.06	0.094	O				1.31
40.050	0.00	0.06	0.094	O				1.30
40.067	0.00	0.06	0.094	O				1.30
40.083	0.00	0.06	0.094	O				1.30
40.100	0.00	0.06	0.094	O				1.30
40.117	0.00	0.06	0.094	O				1.30
40.133	0.00	0.06	0.094	O				1.30
40.150	0.00	0.06	0.094	O				1.30
40.167	0.00	0.06	0.094	O				1.30
40.183	0.00	0.06	0.094	O				1.30
40.200	0.00	0.06	0.094	O				1.30
40.217	0.00	0.06	0.094	O				1.29
40.233	0.00	0.06	0.093	O				1.29
40.250	0.00	0.06	0.093	O				1.29
40.267	0.00	0.06	0.093	O				1.29
40.283	0.00	0.06	0.093	O				1.29
40.300	0.00	0.06	0.093	O				1.29
40.317	0.00	0.06	0.093	O				1.29
40.333	0.00	0.06	0.093	O				1.29
40.350	0.00	0.06	0.093	O				1.29
40.367	0.00	0.06	0.093	O				1.29
40.383	0.00	0.06	0.093	O				1.28
40.400	0.00	0.06	0.093	O				1.28
40.417	0.00	0.06	0.093	O				1.28

40.433	0.00	0.06	0.093	O				1.28
40.450	0.00	0.06	0.092	O				1.28
40.467	0.00	0.06	0.092	O				1.28
40.483	0.00	0.06	0.092	O				1.28
40.500	0.00	0.06	0.092	O				1.28
40.517	0.00	0.06	0.092	O				1.28
40.533	0.00	0.06	0.092	O				1.28
40.550	0.00	0.06	0.092	O				1.27
40.567	0.00	0.06	0.092	O				1.27
40.583	0.00	0.06	0.092	O				1.27
40.600	0.00	0.06	0.092	O				1.27
40.617	0.00	0.06	0.092	O				1.27
40.633	0.00	0.06	0.092	O				1.27
40.650	0.00	0.06	0.091	O				1.27
40.667	0.00	0.06	0.091	O				1.27
40.683	0.00	0.06	0.091	O				1.27
40.700	0.00	0.06	0.091	O				1.27
40.717	0.00	0.06	0.091	O				1.26
40.733	0.00	0.06	0.091	O				1.26
40.750	0.00	0.06	0.091	O				1.26
40.767	0.00	0.06	0.091	O				1.26
40.783	0.00	0.06	0.091	O				1.26
40.800	0.00	0.06	0.091	O				1.26
40.817	0.00	0.06	0.091	O				1.26
40.833	0.00	0.06	0.091	O				1.26
40.850	0.00	0.06	0.091	O				1.26
40.867	0.00	0.06	0.090	O				1.26
40.883	0.00	0.06	0.090	O				1.25
40.900	0.00	0.06	0.090	O				1.25
40.917	0.00	0.06	0.090	O				1.25
40.933	0.00	0.06	0.090	O				1.25
40.950	0.00	0.06	0.090	O				1.25
40.967	0.00	0.06	0.090	O				1.25
40.983	0.00	0.06	0.090	O				1.25
41.000	0.00	0.06	0.090	O				1.25
41.017	0.00	0.06	0.090	O				1.25
41.033	0.00	0.06	0.090	O				1.25
41.050	0.00	0.06	0.090	O				1.24
41.067	0.00	0.06	0.089	O				1.24
41.083	0.00	0.06	0.089	O				1.24
41.100	0.00	0.06	0.089	O				1.24
41.117	0.00	0.06	0.089	O				1.24
41.133	0.00	0.06	0.089	O				1.24
41.150	0.00	0.06	0.089	O				1.24
41.167	0.00	0.06	0.089	O				1.24
41.183	0.00	0.06	0.089	O				1.24
41.200	0.00	0.06	0.089	O				1.24
41.217	0.00	0.06	0.089	O				1.23
41.233	0.00	0.06	0.089	O				1.23
41.250	0.00	0.06	0.089	O				1.23

41.267	0.00	0.06	0.089	O				1.23
41.283	0.00	0.06	0.088	O				1.23
41.300	0.00	0.06	0.088	O				1.23
41.317	0.00	0.06	0.088	O				1.23
41.333	0.00	0.06	0.088	O				1.23
41.350	0.00	0.06	0.088	O				1.23
41.367	0.00	0.06	0.088	O				1.23
41.383	0.00	0.06	0.088	O				1.22
41.400	0.00	0.06	0.088	O				1.22
41.417	0.00	0.06	0.088	O				1.22
41.433	0.00	0.06	0.088	O				1.22
41.450	0.00	0.06	0.088	O				1.22
41.467	0.00	0.06	0.088	O				1.22
41.483	0.00	0.06	0.088	O				1.22
41.500	0.00	0.06	0.087	O				1.22
41.517	0.00	0.06	0.087	O				1.22
41.533	0.00	0.06	0.087	O				1.22
41.550	0.00	0.06	0.087	O				1.22
41.567	0.00	0.06	0.087	O				1.21
41.583	0.00	0.06	0.087	O				1.21
41.600	0.00	0.06	0.087	O				1.21
41.617	0.00	0.06	0.087	O				1.21
41.633	0.00	0.06	0.087	O				1.21
41.650	0.00	0.06	0.087	O				1.21
41.667	0.00	0.06	0.087	O				1.21
41.683	0.00	0.06	0.087	O				1.21
41.700	0.00	0.06	0.087	O				1.21
41.717	0.00	0.06	0.086	O				1.21
41.733	0.00	0.06	0.086	O				1.20
41.750	0.00	0.06	0.086	O				1.20
41.767	0.00	0.06	0.086	O				1.20
41.783	0.00	0.06	0.086	O				1.20
41.800	0.00	0.06	0.086	O				1.20
41.817	0.00	0.06	0.086	O				1.20
41.833	0.00	0.06	0.086	O				1.20
41.850	0.00	0.06	0.086	O				1.20
41.867	0.00	0.06	0.086	O				1.20
41.883	0.00	0.06	0.086	O				1.20
41.900	0.00	0.06	0.086	O				1.19
41.917	0.00	0.06	0.085	O				1.19
41.933	0.00	0.06	0.085	O				1.19
41.950	0.00	0.06	0.085	O				1.19
41.967	0.00	0.06	0.085	O				1.19
41.983	0.00	0.06	0.085	O				1.19
42.000	0.00	0.06	0.085	O				1.19
42.017	0.00	0.06	0.085	O				1.19
42.033	0.00	0.06	0.085	O				1.19
42.050	0.00	0.06	0.085	O				1.19
42.067	0.00	0.06	0.085	O				1.18
42.083	0.00	0.06	0.085	O				1.18

42.100	0.00	0.06	0.085	O				1.18
42.117	0.00	0.06	0.085	O				1.18
42.133	0.00	0.06	0.084	O				1.18
42.150	0.00	0.06	0.084	O				1.18
42.167	0.00	0.06	0.084	O				1.18
42.183	0.00	0.06	0.084	O				1.18
42.200	0.00	0.06	0.084	O				1.18
42.217	0.00	0.06	0.084	O				1.18
42.233	0.00	0.06	0.084	O				1.18
42.250	0.00	0.06	0.084	O				1.17
42.267	0.00	0.06	0.084	O				1.17
42.283	0.00	0.06	0.084	O				1.17
42.300	0.00	0.06	0.084	O				1.17
42.317	0.00	0.06	0.084	O				1.17
42.333	0.00	0.06	0.084	O				1.17
42.350	0.00	0.06	0.083	O				1.17
42.367	0.00	0.06	0.083	O				1.17
42.383	0.00	0.06	0.083	O				1.17
42.400	0.00	0.06	0.083	O				1.17
42.417	0.00	0.06	0.083	O				1.16
42.433	0.00	0.06	0.083	O				1.16
42.450	0.00	0.06	0.083	O				1.16
42.467	0.00	0.06	0.083	O				1.16
42.483	0.00	0.06	0.083	O				1.16
42.500	0.00	0.06	0.083	O				1.16
42.517	0.00	0.06	0.083	O				1.16
42.533	0.00	0.06	0.083	O				1.16
42.550	0.00	0.06	0.083	O				1.16
42.567	0.00	0.06	0.082	O				1.16
42.583	0.00	0.06	0.082	O				1.16
42.600	0.00	0.06	0.082	O				1.15
42.617	0.00	0.06	0.082	O				1.15
42.633	0.00	0.06	0.082	O				1.15
42.650	0.00	0.06	0.082	O				1.15
42.667	0.00	0.06	0.082	O				1.15
42.683	0.00	0.06	0.082	O				1.15
42.700	0.00	0.06	0.082	O				1.15
42.717	0.00	0.06	0.082	O				1.15
42.733	0.00	0.06	0.082	O				1.15
42.750	0.00	0.06	0.082	O				1.15
42.767	0.00	0.06	0.082	O				1.14
42.783	0.00	0.06	0.082	O				1.14
42.800	0.00	0.06	0.081	O				1.14
42.817	0.00	0.06	0.081	O				1.14
42.833	0.00	0.06	0.081	O				1.14
42.850	0.00	0.06	0.081	O				1.14
42.867	0.00	0.06	0.081	O				1.14
42.883	0.00	0.06	0.081	O				1.14
42.900	0.00	0.06	0.081	O				1.14
42.917	0.00	0.05	0.081	O				1.14

42.933	0.00	0.05	0.081	O	|	|	|	1.14
42.950	0.00	0.05	0.081	O	|	|	|	1.13
42.967	0.00	0.05	0.081	O	|	|	|	1.13
42.983	0.00	0.05	0.081	O	|	|	|	1.13
43.000	0.00	0.05	0.081	O	|	|	|	1.13
43.017	0.00	0.05	0.080	O	|	|	|	1.13
43.033	0.00	0.05	0.080	O	|	|	|	1.13
43.050	0.00	0.05	0.080	O	|	|	|	1.13
43.067	0.00	0.05	0.080	O	|	|	|	1.13
43.083	0.00	0.05	0.080	O	|	|	|	1.13
43.100	0.00	0.05	0.080	O	|	|	|	1.13
43.117	0.00	0.05	0.080	O	|	|	|	1.12
43.133	0.00	0.05	0.080	O	|	|	|	1.12
43.150	0.00	0.05	0.080	O	|	|	|	1.12
43.167	0.00	0.05	0.080	O	|	|	|	1.12
43.183	0.00	0.05	0.080	O	|	|	|	1.12
43.200	0.00	0.05	0.080	O	|	|	|	1.12
43.217	0.00	0.05	0.080	O	|	|	|	1.12
43.233	0.00	0.05	0.079	O	|	|	|	1.12
43.250	0.00	0.05	0.079	O	|	|	|	1.12
43.267	0.00	0.05	0.079	O	|	|	|	1.12
43.283	0.00	0.05	0.079	O	|	|	|	1.12
43.300	0.00	0.05	0.079	O	|	|	|	1.11
43.317	0.00	0.05	0.079	O	|	|	|	1.11
43.333	0.00	0.05	0.079	O	|	|	|	1.11
43.350	0.00	0.05	0.079	O	|	|	|	1.11
43.367	0.00	0.05	0.079	O	|	|	|	1.11
43.383	0.00	0.05	0.079	O	|	|	|	1.11
43.400	0.00	0.05	0.079	O	|	|	|	1.11
43.417	0.00	0.05	0.079	O	|	|	|	1.11
43.433	0.00	0.05	0.079	O	|	|	|	1.11
43.450	0.00	0.05	0.078	O	|	|	|	1.11
43.467	0.00	0.05	0.078	O	|	|	|	1.11
43.483	0.00	0.05	0.078	O	|	|	|	1.10
43.500	0.00	0.05	0.078	O	|	|	|	1.10
43.517	0.00	0.05	0.078	O	|	|	|	1.10
43.533	0.00	0.05	0.078	O	|	|	|	1.10
43.550	0.00	0.05	0.078	O	|	|	|	1.10
43.567	0.00	0.05	0.078	O	|	|	|	1.10
43.583	0.00	0.05	0.078	O	|	|	|	1.10
43.600	0.00	0.05	0.078	O	|	|	|	1.10
43.617	0.00	0.05	0.078	O	|	|	|	1.10
43.633	0.00	0.05	0.078	O	|	|	|	1.10
43.650	0.00	0.05	0.078	O	|	|	|	1.09
43.667	0.00	0.05	0.078	O	|	|	|	1.09
43.683	0.00	0.05	0.077	O	|	|	|	1.09
43.700	0.00	0.05	0.077	O	|	|	|	1.09
43.717	0.00	0.05	0.077	O	|	|	|	1.09
43.733	0.00	0.05	0.077	O	|	|	|	1.09
43.750	0.00	0.05	0.077	O	|	|	|	1.09

43.767	0.00	0.05	0.077	O				1.09
43.783	0.00	0.05	0.077	O				1.09
43.800	0.00	0.05	0.077	O				1.09
43.817	0.00	0.05	0.077	O				1.09
43.833	0.00	0.05	0.077	O				1.08
43.850	0.00	0.05	0.077	O				1.08
43.867	0.00	0.05	0.077	O				1.08
43.883	0.00	0.05	0.077	O				1.08
43.900	0.00	0.05	0.076	O				1.08
43.917	0.00	0.05	0.076	O				1.08
43.933	0.00	0.05	0.076	O				1.08
43.950	0.00	0.05	0.076	O				1.08
43.967	0.00	0.05	0.076	O				1.08
43.983	0.00	0.05	0.076	O				1.08
44.000	0.00	0.05	0.076	O				1.08
44.017	0.00	0.05	0.076	O				1.07
44.033	0.00	0.05	0.076	O				1.07
44.050	0.00	0.05	0.076	O				1.07
44.067	0.00	0.05	0.076	O				1.07
44.083	0.00	0.05	0.076	O				1.07
44.100	0.00	0.05	0.076	O				1.07
44.117	0.00	0.05	0.076	O				1.07
44.133	0.00	0.05	0.075	O				1.07
44.150	0.00	0.05	0.075	O				1.07
44.167	0.00	0.05	0.075	O				1.07
44.183	0.00	0.05	0.075	O				1.07
44.200	0.00	0.05	0.075	O				1.06
44.217	0.00	0.05	0.075	O				1.06
44.233	0.00	0.05	0.075	O				1.06
44.250	0.00	0.05	0.075	O				1.06
44.267	0.00	0.05	0.075	O				1.06
44.283	0.00	0.05	0.075	O				1.06
44.300	0.00	0.05	0.075	O				1.06
44.317	0.00	0.05	0.075	O				1.06
44.333	0.00	0.05	0.075	O				1.06
44.350	0.00	0.05	0.074	O				1.06
44.367	0.00	0.05	0.074	O				1.06
44.383	0.00	0.05	0.074	O				1.05
44.400	0.00	0.05	0.074	O				1.05
44.417	0.00	0.05	0.074	O				1.05
44.433	0.00	0.05	0.074	O				1.05
44.450	0.00	0.05	0.074	O				1.05
44.467	0.00	0.05	0.074	O				1.05
44.483	0.00	0.05	0.074	O				1.05
44.500	0.00	0.05	0.074	O				1.05
44.517	0.00	0.05	0.074	O				1.05
44.533	0.00	0.05	0.074	O				1.05
44.550	0.00	0.05	0.074	O				1.05
44.567	0.00	0.05	0.074	O				1.04
44.583	0.00	0.05	0.073	O				1.04

44.600	0.00	0.05	0.073	O	|	|	|	1.04
44.617	0.00	0.05	0.073	O	|	|	|	1.04
44.633	0.00	0.05	0.073	O	|	|	|	1.04
44.650	0.00	0.05	0.073	O	|	|	|	1.04
44.667	0.00	0.05	0.073	O	|	|	|	1.04
44.683	0.00	0.05	0.073	O	|	|	|	1.04
44.700	0.00	0.05	0.073	O	|	|	|	1.04
44.717	0.00	0.05	0.073	O	|	|	|	1.04
44.733	0.00	0.05	0.073	O	|	|	|	1.04
44.750	0.00	0.05	0.073	O	|	|	|	1.03
44.767	0.00	0.05	0.073	O	|	|	|	1.03
44.783	0.00	0.05	0.073	O	|	|	|	1.03
44.800	0.00	0.05	0.073	O	|	|	|	1.03
44.817	0.00	0.05	0.072	O	|	|	|	1.03
44.833	0.00	0.05	0.072	O	|	|	|	1.03
44.850	0.00	0.05	0.072	O	|	|	|	1.03
44.867	0.00	0.05	0.072	O	|	|	|	1.03
44.883	0.00	0.05	0.072	O	|	|	|	1.03
44.900	0.00	0.05	0.072	O	|	|	|	1.03
44.917	0.00	0.05	0.072	O	|	|	|	1.03
44.933	0.00	0.05	0.072	O	|	|	|	1.02
44.950	0.00	0.05	0.072	O	|	|	|	1.02
44.967	0.00	0.05	0.072	O	|	|	|	1.02
44.983	0.00	0.05	0.072	O	|	|	|	1.02
45.000	0.00	0.05	0.072	O	|	|	|	1.02
45.017	0.00	0.05	0.072	O	|	|	|	1.02
45.033	0.00	0.05	0.072	O	|	|	|	1.02
45.050	0.00	0.05	0.071	O	|	|	|	1.02
45.067	0.00	0.05	0.071	O	|	|	|	1.02
45.083	0.00	0.05	0.071	O	|	|	|	1.02
45.100	0.00	0.05	0.071	O	|	|	|	1.02
45.117	0.00	0.05	0.071	O	|	|	|	1.01
45.133	0.00	0.05	0.071	O	|	|	|	1.01
45.150	0.00	0.05	0.071	O	|	|	|	1.01
45.167	0.00	0.05	0.071	O	|	|	|	1.01
45.183	0.00	0.05	0.071	O	|	|	|	1.01
45.200	0.00	0.05	0.071	O	|	|	|	1.01
45.217	0.00	0.05	0.071	O	|	|	|	1.01
45.233	0.00	0.05	0.071	O	|	|	|	1.01
45.250	0.00	0.05	0.071	O	|	|	|	1.01
45.267	0.00	0.05	0.070	O	|	|	|	1.01
45.283	0.00	0.05	0.070	O	|	|	|	1.01
45.300	0.00	0.05	0.070	O	|	|	|	1.00
45.317	0.00	0.05	0.070	O	|	|	|	1.00
45.333	0.00	0.05	0.070	O	|	|	|	1.00
45.350	0.00	0.05	0.070	O	|	|	|	1.00
45.367	0.00	0.05	0.070	O	|	|	|	1.00
45.383	0.00	0.05	0.070	O	|	|	|	1.00
45.400	0.00	0.05	0.070	O	|	|	|	1.00
45.417	0.00	0.05	0.070	O	|	|	|	1.00

45.433	0.00	0.05	0.070	O				1.00
45.450	0.00	0.05	0.070	O				1.00
45.467	0.00	0.05	0.070	O				0.99
45.483	0.00	0.05	0.070	O				0.99
45.500	0.00	0.05	0.069	O				0.99
45.517	0.00	0.05	0.069	O				0.99
45.533	0.00	0.05	0.069	O				0.99
45.550	0.00	0.05	0.069	O				0.99
45.567	0.00	0.05	0.069	O				0.99
45.583	0.00	0.05	0.069	O				0.99
45.600	0.00	0.05	0.069	O				0.99
45.617	0.00	0.05	0.069	O				0.99
45.633	0.00	0.05	0.069	O				0.98
45.650	0.00	0.05	0.069	O				0.98
45.667	0.00	0.05	0.069	O				0.98
45.683	0.00	0.05	0.069	O				0.98
45.700	0.00	0.05	0.069	O				0.98
45.717	0.00	0.05	0.069	O				0.98
45.733	0.00	0.05	0.069	O				0.98
45.750	0.00	0.05	0.068	O				0.98
45.767	0.00	0.05	0.068	O				0.98
45.783	0.00	0.05	0.068	O				0.98
45.800	0.00	0.05	0.068	O				0.97
45.817	0.00	0.05	0.068	O				0.97
45.833	0.00	0.05	0.068	O				0.97
45.850	0.00	0.05	0.068	O				0.97
45.867	0.00	0.05	0.068	O				0.97
45.883	0.00	0.05	0.068	O				0.97
45.900	0.00	0.05	0.068	O				0.97
45.917	0.00	0.05	0.068	O				0.97
45.933	0.00	0.05	0.068	O				0.97
45.950	0.00	0.05	0.068	O				0.97
45.967	0.00	0.05	0.068	O				0.96
45.983	0.00	0.05	0.067	O				0.96
46.000	0.00	0.05	0.067	O				0.96
46.017	0.00	0.05	0.067	O				0.96
46.033	0.00	0.05	0.067	O				0.96
46.050	0.00	0.05	0.067	O				0.96
46.067	0.00	0.05	0.067	O				0.96
46.083	0.00	0.05	0.067	O				0.96
46.100	0.00	0.05	0.067	O				0.96
46.117	0.00	0.05	0.067	O				0.96
46.133	0.00	0.05	0.067	O				0.95
46.150	0.00	0.05	0.067	O				0.95
46.167	0.00	0.05	0.067	O				0.95
46.183	0.00	0.05	0.067	O				0.95
46.200	0.00	0.05	0.067	O				0.95
46.217	0.00	0.05	0.067	O				0.95
46.233	0.00	0.05	0.066	O				0.95
46.250	0.00	0.05	0.066	O				0.95

46.267	0.00	0.05	0.066	O				0.95
46.283	0.00	0.05	0.066	O				0.95
46.300	0.00	0.05	0.066	O				0.95
46.317	0.00	0.05	0.066	O				0.94
46.333	0.00	0.05	0.066	O				0.94
46.350	0.00	0.05	0.066	O				0.94
46.367	0.00	0.05	0.066	O				0.94
46.383	0.00	0.05	0.066	O				0.94
46.400	0.00	0.05	0.066	O				0.94
46.417	0.00	0.05	0.066	O				0.94
46.433	0.00	0.05	0.066	O				0.94
46.450	0.00	0.05	0.066	O				0.94
46.467	0.00	0.05	0.065	O				0.94
46.483	0.00	0.05	0.065	O				0.93
46.500	0.00	0.05	0.065	O				0.93
46.517	0.00	0.05	0.065	O				0.93
46.533	0.00	0.05	0.065	O				0.93
46.550	0.00	0.05	0.065	O				0.93
46.567	0.00	0.05	0.065	O				0.93
46.583	0.00	0.05	0.065	O				0.93
46.600	0.00	0.05	0.065	O				0.93
46.617	0.00	0.05	0.065	O				0.93
46.633	0.00	0.05	0.065	O				0.93
46.650	0.00	0.05	0.065	O				0.93
46.667	0.00	0.05	0.065	O				0.92
46.683	0.00	0.05	0.065	O				0.92
46.700	0.00	0.05	0.065	O				0.92
46.717	0.00	0.05	0.064	O				0.92
46.733	0.00	0.05	0.064	O				0.92
46.750	0.00	0.05	0.064	O				0.92
46.767	0.00	0.05	0.064	O				0.92
46.783	0.00	0.05	0.064	O				0.92
46.800	0.00	0.05	0.064	O				0.92
46.817	0.00	0.05	0.064	O				0.92
46.833	0.00	0.05	0.064	O				0.91
46.850	0.00	0.05	0.064	O				0.91
46.867	0.00	0.05	0.064	O				0.91
46.883	0.00	0.05	0.064	O				0.91
46.900	0.00	0.05	0.064	O				0.91
46.917	0.00	0.05	0.064	O				0.91
46.933	0.00	0.05	0.064	O				0.91
46.950	0.00	0.05	0.064	O				0.91
46.967	0.00	0.05	0.064	O				0.91
46.983	0.00	0.05	0.063	O				0.91
47.000	0.00	0.05	0.063	O				0.91
47.017	0.00	0.05	0.063	O				0.90
47.033	0.00	0.05	0.063	O				0.90
47.050	0.00	0.05	0.063	O				0.90
47.067	0.00	0.05	0.063	O				0.90
47.083	0.00	0.05	0.063	O				0.90

47.100	0.00	0.05	0.063	O				0.90
47.117	0.00	0.05	0.063	O				0.90
47.133	0.00	0.05	0.063	O				0.90
47.150	0.00	0.05	0.063	O				0.90
47.167	0.00	0.05	0.063	O				0.90
47.183	0.00	0.05	0.063	O				0.90
47.200	0.00	0.05	0.063	O				0.89
47.217	0.00	0.05	0.063	O				0.89
47.233	0.00	0.05	0.062	O				0.89
47.250	0.00	0.05	0.062	O				0.89
47.267	0.00	0.05	0.062	O				0.89
47.283	0.00	0.05	0.062	O				0.89
47.300	0.00	0.05	0.062	O				0.89
47.317	0.00	0.05	0.062	O				0.89
47.333	0.00	0.05	0.062	O				0.89
47.350	0.00	0.05	0.062	O				0.89
47.367	0.00	0.05	0.062	O				0.89
47.383	0.00	0.05	0.062	O				0.88
47.400	0.00	0.05	0.062	O				0.88
47.417	0.00	0.05	0.062	O				0.88
47.433	0.00	0.05	0.062	O				0.88
47.450	0.00	0.05	0.062	O				0.88
47.467	0.00	0.05	0.062	O				0.88
47.483	0.00	0.05	0.062	O				0.88
47.500	0.00	0.05	0.061	O				0.88
47.517	0.00	0.05	0.061	O				0.88
47.533	0.00	0.05	0.061	O				0.88
47.550	0.00	0.05	0.061	O				0.88
47.567	0.00	0.05	0.061	O				0.87
47.583	0.00	0.05	0.061	O				0.87
47.600	0.00	0.05	0.061	O				0.87
47.617	0.00	0.05	0.061	O				0.87
47.633	0.00	0.05	0.061	O				0.87
47.650	0.00	0.05	0.061	O				0.87
47.667	0.00	0.05	0.061	O				0.87
47.683	0.00	0.05	0.061	O				0.87
47.700	0.00	0.05	0.061	O				0.87
47.717	0.00	0.05	0.061	O				0.87
47.733	0.00	0.05	0.061	O				0.87
47.750	0.00	0.04	0.061	O				0.86
47.767	0.00	0.04	0.060	O				0.86
47.783	0.00	0.04	0.060	O				0.86
47.800	0.00	0.04	0.060	O				0.86
47.817	0.00	0.04	0.060	O				0.86
47.833	0.00	0.04	0.060	O				0.86
47.850	0.00	0.04	0.060	O				0.86
47.867	0.00	0.04	0.060	O				0.86
47.883	0.00	0.04	0.060	O				0.86
47.900	0.00	0.04	0.060	O				0.86
47.917	0.00	0.04	0.060	O				0.86

47.933	0.00	0.04	0.060	O	|	|	|	0.86
47.950	0.00	0.04	0.060	O	|	|	|	0.85
47.967	0.00	0.04	0.060	O	|	|	|	0.85
47.983	0.00	0.04	0.060	O	|	|	|	0.85
48.000	0.00	0.04	0.060	O	|	|	|	0.85
48.017	0.00	0.04	0.060	O	|	|	|	0.85
48.033	0.00	0.04	0.059	O	|	|	|	0.85
48.050	0.00	0.04	0.059	O	|	|	|	0.85
48.067	0.00	0.04	0.059	O	|	|	|	0.85
48.083	0.00	0.04	0.059	O	|	|	|	0.85
48.100	0.00	0.04	0.059	O	|	|	|	0.85
48.117	0.00	0.04	0.059	O	|	|	|	0.85
48.133	0.00	0.04	0.059	O	|	|	|	0.84
48.150	0.00	0.04	0.059	O	|	|	|	0.84
48.167	0.00	0.04	0.059	O	|	|	|	0.84
48.183	0.00	0.04	0.059	O	|	|	|	0.84
48.200	0.00	0.04	0.059	O	|	|	|	0.84
48.217	0.00	0.04	0.059	O	|	|	|	0.84
48.233	0.00	0.04	0.059	O	|	|	|	0.84
48.250	0.00	0.04	0.059	O	|	|	|	0.84
48.267	0.00	0.04	0.059	O	|	|	|	0.84
48.283	0.00	0.04	0.059	O	|	|	|	0.84
48.300	0.00	0.04	0.059	O	|	|	|	0.84
48.317	0.00	0.04	0.058	O	|	|	|	0.84
48.333	0.00	0.04	0.058	O	|	|	|	0.83
48.350	0.00	0.04	0.058	O	|	|	|	0.83
48.367	0.00	0.04	0.058	O	|	|	|	0.83
48.383	0.00	0.04	0.058	O	|	|	|	0.83
48.400	0.00	0.04	0.058	O	|	|	|	0.83
48.417	0.00	0.04	0.058	O	|	|	|	0.83
48.433	0.00	0.04	0.058	O	|	|	|	0.83
48.450	0.00	0.04	0.058	O	|	|	|	0.83
48.467	0.00	0.04	0.058	O	|	|	|	0.83
48.483	0.00	0.04	0.058	O	|	|	|	0.83
48.500	0.00	0.04	0.058	O	|	|	|	0.83
48.517	0.00	0.04	0.058	O	|	|	|	0.82
48.533	0.00	0.04	0.058	O	|	|	|	0.82
48.550	0.00	0.04	0.058	O	|	|	|	0.82
48.567	0.00	0.04	0.058	O	|	|	|	0.82
48.583	0.00	0.04	0.058	O	|	|	|	0.82
48.600	0.00	0.04	0.057	O	|	|	|	0.82
48.617	0.00	0.04	0.057	O	|	|	|	0.82
48.633	0.00	0.04	0.057	O	|	|	|	0.82
48.650	0.00	0.04	0.057	O	|	|	|	0.82
48.667	0.00	0.04	0.057	O	|	|	|	0.82
48.683	0.00	0.04	0.057	O	|	|	|	0.82
48.700	0.00	0.04	0.057	O	|	|	|	0.82
48.717	0.00	0.04	0.057	O	|	|	|	0.81
48.733	0.00	0.04	0.057	O	|	|	|	0.81
48.750	0.00	0.04	0.057	O	|	|	|	0.81

48.767	0.00	0.04	0.057	O				0.81
48.783	0.00	0.04	0.057	O				0.81
48.800	0.00	0.04	0.057	O				0.81
48.817	0.00	0.04	0.057	O				0.81
48.833	0.00	0.04	0.057	O				0.81
48.850	0.00	0.04	0.057	O				0.81
48.867	0.00	0.04	0.057	O				0.81
48.883	0.00	0.04	0.056	O				0.81
48.900	0.00	0.04	0.056	O				0.81
48.917	0.00	0.04	0.056	O				0.80
48.933	0.00	0.04	0.056	O				0.80
48.950	0.00	0.04	0.056	O				0.80
48.967	0.00	0.04	0.056	O				0.80
48.983	0.00	0.04	0.056	O				0.80
49.000	0.00	0.04	0.056	O				0.80
49.017	0.00	0.04	0.056	O				0.80
49.033	0.00	0.04	0.056	O				0.80
49.050	0.00	0.04	0.056	O				0.80
49.067	0.00	0.04	0.056	O				0.80
49.083	0.00	0.04	0.056	O				0.80
49.100	0.00	0.04	0.056	O				0.80
49.117	0.00	0.04	0.056	O				0.80
49.133	0.00	0.04	0.056	O				0.79
49.150	0.00	0.04	0.056	O				0.79
49.167	0.00	0.04	0.055	O				0.79
49.183	0.00	0.04	0.055	O				0.79
49.200	0.00	0.04	0.055	O				0.79
49.217	0.00	0.04	0.055	O				0.79
49.233	0.00	0.04	0.055	O				0.79
49.250	0.00	0.04	0.055	O				0.79
49.267	0.00	0.04	0.055	O				0.79
49.283	0.00	0.04	0.055	O				0.79
49.300	0.00	0.04	0.055	O				0.79
49.317	0.00	0.04	0.055	O				0.79
49.333	0.00	0.04	0.055	O				0.78
49.350	0.00	0.04	0.055	O				0.78
49.367	0.00	0.04	0.055	O				0.78
49.383	0.00	0.04	0.055	O				0.78
49.400	0.00	0.04	0.055	O				0.78
49.417	0.00	0.04	0.055	O				0.78
49.433	0.00	0.04	0.055	O				0.78
49.450	0.00	0.04	0.055	O				0.78
49.467	0.00	0.04	0.054	O				0.78
49.483	0.00	0.04	0.054	O				0.78
49.500	0.00	0.04	0.054	O				0.78
49.517	0.00	0.04	0.054	O				0.78
49.533	0.00	0.04	0.054	O				0.78
49.550	0.00	0.04	0.054	O				0.77
49.567	0.00	0.04	0.054	O				0.77
49.583	0.00	0.04	0.054	O				0.77

49.600	0.00	0.04	0.054	O	|	|	|	0.77
49.617	0.00	0.04	0.054	O	|	|	|	0.77
49.633	0.00	0.04	0.054	O	|	|	|	0.77
49.650	0.00	0.04	0.054	O	|	|	|	0.77
49.667	0.00	0.04	0.054	O	|	|	|	0.77
49.683	0.00	0.04	0.054	O	|	|	|	0.77
49.700	0.00	0.04	0.054	O	|	|	|	0.77
49.717	0.00	0.04	0.054	O	|	|	|	0.77
49.733	0.00	0.04	0.054	O	|	|	|	0.77
49.750	0.00	0.04	0.054	O	|	|	|	0.76
49.767	0.00	0.04	0.053	O	|	|	|	0.76
49.783	0.00	0.04	0.053	O	|	|	|	0.76
49.800	0.00	0.04	0.053	O	|	|	|	0.76
49.817	0.00	0.04	0.053	O	|	|	|	0.76
49.833	0.00	0.04	0.053	O	|	|	|	0.76
49.850	0.00	0.04	0.053	O	|	|	|	0.76
49.867	0.00	0.04	0.053	O	|	|	|	0.76
49.883	0.00	0.04	0.053	O	|	|	|	0.76
49.900	0.00	0.04	0.053	O	|	|	|	0.76
49.917	0.00	0.04	0.053	O	|	|	|	0.76
49.933	0.00	0.04	0.053	O	|	|	|	0.76
49.950	0.00	0.04	0.053	O	|	|	|	0.76
49.967	0.00	0.04	0.053	O	|	|	|	0.75
49.983	0.00	0.04	0.053	O	|	|	|	0.75
50.000	0.00	0.04	0.053	O	|	|	|	0.75
50.017	0.00	0.04	0.053	O	|	|	|	0.75
50.033	0.00	0.04	0.053	O	|	|	|	0.75
50.050	0.00	0.04	0.053	O	|	|	|	0.75
50.067	0.00	0.04	0.053	O	|	|	|	0.75
50.083	0.00	0.04	0.052	O	|	|	|	0.75
50.100	0.00	0.04	0.052	O	|	|	|	0.75
50.117	0.00	0.04	0.052	O	|	|	|	0.75
50.133	0.00	0.04	0.052	O	|	|	|	0.75
50.150	0.00	0.04	0.052	O	|	|	|	0.75
50.167	0.00	0.04	0.052	O	|	|	|	0.75
50.183	0.00	0.04	0.052	O	|	|	|	0.74
50.200	0.00	0.04	0.052	O	|	|	|	0.74
50.217	0.00	0.04	0.052	O	|	|	|	0.74
50.233	0.00	0.04	0.052	O	|	|	|	0.74
50.250	0.00	0.04	0.052	O	|	|	|	0.74
50.267	0.00	0.04	0.052	O	|	|	|	0.74
50.283	0.00	0.04	0.052	O	|	|	|	0.74
50.300	0.00	0.04	0.052	O	|	|	|	0.74
50.317	0.00	0.04	0.052	O	|	|	|	0.74
50.333	0.00	0.04	0.052	O	|	|	|	0.74
50.350	0.00	0.04	0.052	O	|	|	|	0.74
50.367	0.00	0.04	0.052	O	|	|	|	0.74
50.383	0.00	0.04	0.051	O	|	|	|	0.74
50.400	0.00	0.04	0.051	O	|	|	|	0.73
50.417	0.00	0.04	0.051	O	|	|	|	0.73

50.433	0.00	0.04	0.051	O	|	|	|	0.73
50.450	0.00	0.04	0.051	O	|	|	|	0.73
50.467	0.00	0.04	0.051	O	|	|	|	0.73
50.483	0.00	0.04	0.051	O	|	|	|	0.73
50.500	0.00	0.04	0.051	O	|	|	|	0.73
50.517	0.00	0.04	0.051	O	|	|	|	0.73
50.533	0.00	0.04	0.051	O	|	|	|	0.73
50.550	0.00	0.04	0.051	O	|	|	|	0.73
50.567	0.00	0.04	0.051	O	|	|	|	0.73
50.583	0.00	0.04	0.051	O	|	|	|	0.73
50.600	0.00	0.04	0.051	O	|	|	|	0.73
50.617	0.00	0.04	0.051	O	|	|	|	0.73
50.633	0.00	0.04	0.051	O	|	|	|	0.72
50.650	0.00	0.04	0.051	O	|	|	|	0.72
50.667	0.00	0.04	0.051	O	|	|	|	0.72
50.683	0.00	0.04	0.051	O	|	|	|	0.72
50.700	0.00	0.04	0.051	O	|	|	|	0.72
50.717	0.00	0.04	0.050	O	|	|	|	0.72
50.733	0.00	0.04	0.050	O	|	|	|	0.72
50.750	0.00	0.04	0.050	O	|	|	|	0.72
50.767	0.00	0.04	0.050	O	|	|	|	0.72
50.783	0.00	0.04	0.050	O	|	|	|	0.72
50.800	0.00	0.04	0.050	O	|	|	|	0.72
50.817	0.00	0.04	0.050	O	|	|	|	0.72
50.833	0.00	0.04	0.050	O	|	|	|	0.72
50.850	0.00	0.04	0.050	O	|	|	|	0.71
50.867	0.00	0.04	0.050	O	|	|	|	0.71
50.883	0.00	0.04	0.050	O	|	|	|	0.71
50.900	0.00	0.04	0.050	O	|	|	|	0.71
50.917	0.00	0.04	0.050	O	|	|	|	0.71
50.933	0.00	0.04	0.050	O	|	|	|	0.71
50.950	0.00	0.04	0.050	O	|	|	|	0.71
50.967	0.00	0.04	0.050	O	|	|	|	0.71
50.983	0.00	0.04	0.050	O	|	|	|	0.71
51.000	0.00	0.04	0.050	O	|	|	|	0.71
51.017	0.00	0.04	0.050	O	|	|	|	0.71
51.033	0.00	0.04	0.049	O	|	|	|	0.71
51.050	0.00	0.04	0.049	O	|	|	|	0.71
51.067	0.00	0.04	0.049	O	|	|	|	0.71
51.083	0.00	0.04	0.049	O	|	|	|	0.70
51.100	0.00	0.04	0.049	O	|	|	|	0.70
51.117	0.00	0.04	0.049	O	|	|	|	0.70
51.133	0.00	0.04	0.049	O	|	|	|	0.70
51.150	0.00	0.04	0.049	O	|	|	|	0.70
51.167	0.00	0.04	0.049	O	|	|	|	0.70
51.183	0.00	0.04	0.049	O	|	|	|	0.70
51.200	0.00	0.04	0.049	O	|	|	|	0.70
51.217	0.00	0.04	0.049	O	|	|	|	0.70
51.233	0.00	0.04	0.049	O	|	|	|	0.70
51.250	0.00	0.04	0.049	O	|	|	|	0.70

51.267	0.00	0.04	0.049	O	|	|	|	0.70
51.283	0.00	0.04	0.049	O	|	|	|	0.70
51.300	0.00	0.04	0.049	O	|	|	|	0.70
51.317	0.00	0.04	0.049	O	|	|	|	0.69
51.333	0.00	0.04	0.049	O	|	|	|	0.69
51.350	0.00	0.04	0.049	O	|	|	|	0.69
51.367	0.00	0.04	0.048	O	|	|	|	0.69
51.383	0.00	0.04	0.048	O	|	|	|	0.69
51.400	0.00	0.04	0.048	O	|	|	|	0.69
51.417	0.00	0.04	0.048	O	|	|	|	0.69
51.433	0.00	0.04	0.048	O	|	|	|	0.69
51.450	0.00	0.04	0.048	O	|	|	|	0.69
51.467	0.00	0.04	0.048	O	|	|	|	0.69
51.483	0.00	0.04	0.048	O	|	|	|	0.69
51.500	0.00	0.04	0.048	O	|	|	|	0.69
51.517	0.00	0.04	0.048	O	|	|	|	0.69
51.533	0.00	0.04	0.048	O	|	|	|	0.69
51.550	0.00	0.04	0.048	O	|	|	|	0.68
51.567	0.00	0.04	0.048	O	|	|	|	0.68
51.583	0.00	0.04	0.048	O	|	|	|	0.68
51.600	0.00	0.04	0.048	O	|	|	|	0.68
51.617	0.00	0.04	0.048	O	|	|	|	0.68
51.633	0.00	0.04	0.048	O	|	|	|	0.68
51.650	0.00	0.04	0.048	O	|	|	|	0.68
51.667	0.00	0.04	0.048	O	|	|	|	0.68
51.683	0.00	0.04	0.048	O	|	|	|	0.68
51.700	0.00	0.04	0.047	O	|	|	|	0.68
51.717	0.00	0.04	0.047	O	|	|	|	0.68
51.733	0.00	0.04	0.047	O	|	|	|	0.68
51.750	0.00	0.04	0.047	O	|	|	|	0.68
51.767	0.00	0.04	0.047	O	|	|	|	0.68
51.783	0.00	0.04	0.047	O	|	|	|	0.68
51.800	0.00	0.04	0.047	O	|	|	|	0.67
51.817	0.00	0.04	0.047	O	|	|	|	0.67
51.833	0.00	0.03	0.047	O	|	|	|	0.67
51.850	0.00	0.03	0.047	O	|	|	|	0.67
51.867	0.00	0.03	0.047	O	|	|	|	0.67
51.883	0.00	0.03	0.047	O	|	|	|	0.67
51.900	0.00	0.03	0.047	O	|	|	|	0.67
51.917	0.00	0.03	0.047	O	|	|	|	0.67
51.933	0.00	0.03	0.047	O	|	|	|	0.67
51.950	0.00	0.03	0.047	O	|	|	|	0.67
51.967	0.00	0.03	0.047	O	|	|	|	0.67
51.983	0.00	0.03	0.047	O	|	|	|	0.67
52.000	0.00	0.03	0.047	O	|	|	|	0.67
52.017	0.00	0.03	0.047	O	|	|	|	0.67
52.033	0.00	0.03	0.047	O	|	|	|	0.66
52.050	0.00	0.03	0.046	O	|	|	|	0.66
52.067	0.00	0.03	0.046	O	|	|	|	0.66
52.083	0.00	0.03	0.046	O	|	|	|	0.66

52.100	0.00	0.03	0.046	O	|	|	|	0.66
52.117	0.00	0.03	0.046	O	|	|	|	0.66
52.133	0.00	0.03	0.046	O	|	|	|	0.66
52.150	0.00	0.03	0.046	O	|	|	|	0.66
52.167	0.00	0.03	0.046	O	|	|	|	0.66
52.183	0.00	0.03	0.046	O	|	|	|	0.66
52.200	0.00	0.03	0.046	O	|	|	|	0.66
52.217	0.00	0.03	0.046	O	|	|	|	0.66
52.233	0.00	0.03	0.046	O	|	|	|	0.66
52.250	0.00	0.03	0.046	O	|	|	|	0.66
52.267	0.00	0.03	0.046	O	|	|	|	0.66
52.283	0.00	0.03	0.046	O	|	|	|	0.65
52.300	0.00	0.03	0.046	O	|	|	|	0.65
52.317	0.00	0.03	0.046	O	|	|	|	0.65
52.333	0.00	0.03	0.046	O	|	|	|	0.65
52.350	0.00	0.03	0.046	O	|	|	|	0.65
52.367	0.00	0.03	0.046	O	|	|	|	0.65
52.383	0.00	0.03	0.046	O	|	|	|	0.65
52.400	0.00	0.03	0.045	O	|	|	|	0.65
52.417	0.00	0.03	0.045	O	|	|	|	0.65
52.433	0.00	0.03	0.045	O	|	|	|	0.65
52.450	0.00	0.03	0.045	O	|	|	|	0.65
52.467	0.00	0.03	0.045	O	|	|	|	0.65
52.483	0.00	0.03	0.045	O	|	|	|	0.65
52.500	0.00	0.03	0.045	O	|	|	|	0.65
52.517	0.00	0.03	0.045	O	|	|	|	0.65
52.533	0.00	0.03	0.045	O	|	|	|	0.64
52.550	0.00	0.03	0.045	O	|	|	|	0.64
52.567	0.00	0.03	0.045	O	|	|	|	0.64
52.583	0.00	0.03	0.045	O	|	|	|	0.64
52.600	0.00	0.03	0.045	O	|	|	|	0.64
52.617	0.00	0.03	0.045	O	|	|	|	0.64
52.633	0.00	0.03	0.045	O	|	|	|	0.64
52.650	0.00	0.03	0.045	O	|	|	|	0.64
52.667	0.00	0.03	0.045	O	|	|	|	0.64
52.683	0.00	0.03	0.045	O	|	|	|	0.64
52.700	0.00	0.03	0.045	O	|	|	|	0.64
52.717	0.00	0.03	0.045	O	|	|	|	0.64
52.733	0.00	0.03	0.045	O	|	|	|	0.64
52.750	0.00	0.03	0.045	O	|	|	|	0.64
52.767	0.00	0.03	0.044	O	|	|	|	0.64
52.783	0.00	0.03	0.044	O	|	|	|	0.63
52.800	0.00	0.03	0.044	O	|	|	|	0.63
52.817	0.00	0.03	0.044	O	|	|	|	0.63
52.833	0.00	0.03	0.044	O	|	|	|	0.63
52.850	0.00	0.03	0.044	O	|	|	|	0.63
52.867	0.00	0.03	0.044	O	|	|	|	0.63
52.883	0.00	0.03	0.044	O	|	|	|	0.63
52.900	0.00	0.03	0.044	O	|	|	|	0.63
52.917	0.00	0.03	0.044	O	|	|	|	0.63

52.933	0.00	0.03	0.044	O				0.63
52.950	0.00	0.03	0.044	O				0.63
52.967	0.00	0.03	0.044	O				0.63
52.983	0.00	0.03	0.044	O				0.63
53.000	0.00	0.03	0.044	O				0.63
53.017	0.00	0.03	0.044	O				0.63
53.033	0.00	0.03	0.044	O				0.63
53.050	0.00	0.03	0.044	O				0.62
53.067	0.00	0.03	0.044	O				0.62
53.083	0.00	0.03	0.044	O				0.62
53.100	0.00	0.03	0.044	O				0.62
53.117	0.00	0.03	0.044	O				0.62
53.133	0.00	0.03	0.043	O				0.62
53.150	0.00	0.03	0.043	O				0.62
53.167	0.00	0.03	0.043	O				0.62
53.183	0.00	0.03	0.043	O				0.62
53.200	0.00	0.03	0.043	O				0.62
53.217	0.00	0.03	0.043	O				0.62
53.233	0.00	0.03	0.043	O				0.62
53.250	0.00	0.03	0.043	O				0.62
53.267	0.00	0.03	0.043	O				0.62
53.283	0.00	0.03	0.043	O				0.62
53.300	0.00	0.03	0.043	O				0.62
53.317	0.00	0.03	0.043	O				0.61
53.333	0.00	0.03	0.043	O				0.61
53.350	0.00	0.03	0.043	O				0.61
53.367	0.00	0.03	0.043	O				0.61
53.383	0.00	0.03	0.043	O				0.61
53.400	0.00	0.03	0.043	O				0.61
53.417	0.00	0.03	0.043	O				0.61
53.433	0.00	0.03	0.043	O				0.61
53.450	0.00	0.03	0.043	O				0.61
53.467	0.00	0.03	0.043	O				0.61
53.483	0.00	0.03	0.043	O				0.61
53.500	0.00	0.03	0.043	O				0.61
53.517	0.00	0.03	0.042	O				0.61
53.533	0.00	0.03	0.042	O				0.61
53.550	0.00	0.03	0.042	O				0.61
53.567	0.00	0.03	0.042	O				0.61
53.583	0.00	0.03	0.042	O				0.60
53.600	0.00	0.03	0.042	O				0.60
53.617	0.00	0.03	0.042	O				0.60
53.633	0.00	0.03	0.042	O				0.60
53.650	0.00	0.03	0.042	O				0.60
53.667	0.00	0.03	0.042	O				0.60
53.683	0.00	0.03	0.042	O				0.60
53.700	0.00	0.03	0.042	O				0.60
53.717	0.00	0.03	0.042	O				0.60
53.733	0.00	0.03	0.042	O				0.60
53.750	0.00	0.03	0.042	O				0.60

53.767	0.00	0.03	0.042	O				0.60
53.783	0.00	0.03	0.042	O				0.60
53.800	0.00	0.03	0.042	O				0.60
53.817	0.00	0.03	0.042	O				0.60
53.833	0.00	0.03	0.042	O				0.60
53.850	0.00	0.03	0.042	O				0.59
53.867	0.00	0.03	0.042	O				0.59
53.883	0.00	0.03	0.042	O				0.59
53.900	0.00	0.03	0.041	O				0.59
53.917	0.00	0.03	0.041	O				0.59
53.933	0.00	0.03	0.041	O				0.59
53.950	0.00	0.03	0.041	O				0.59
53.967	0.00	0.03	0.041	O				0.59
53.983	0.00	0.03	0.041	O				0.59
54.000	0.00	0.03	0.041	O				0.59
54.017	0.00	0.03	0.041	O				0.59
54.033	0.00	0.03	0.041	O				0.59
54.050	0.00	0.03	0.041	O				0.59
54.067	0.00	0.03	0.041	O				0.59
54.083	0.00	0.03	0.041	O				0.59
54.100	0.00	0.03	0.041	O				0.59
54.117	0.00	0.03	0.041	O				0.58
54.133	0.00	0.03	0.041	O				0.58
54.150	0.00	0.03	0.041	O				0.58
54.167	0.00	0.03	0.041	O				0.58
54.183	0.00	0.03	0.041	O				0.58
54.200	0.00	0.03	0.041	O				0.58
54.217	0.00	0.03	0.041	O				0.58
54.233	0.00	0.03	0.041	O				0.58
54.250	0.00	0.03	0.041	O				0.58
54.267	0.00	0.03	0.041	O				0.58
54.283	0.00	0.03	0.041	O				0.58
54.300	0.00	0.03	0.040	O				0.58
54.317	0.00	0.03	0.040	O				0.58
54.333	0.00	0.03	0.040	O				0.58
54.350	0.00	0.03	0.040	O				0.58
54.367	0.00	0.03	0.040	O				0.58
54.383	0.00	0.03	0.040	O				0.58
54.400	0.00	0.03	0.040	O				0.57
54.417	0.00	0.03	0.040	O				0.57
54.433	0.00	0.03	0.040	O				0.57
54.450	0.00	0.03	0.040	O				0.57
54.467	0.00	0.03	0.040	O				0.57
54.483	0.00	0.03	0.040	O				0.57
54.500	0.00	0.03	0.040	O				0.57
54.517	0.00	0.03	0.040	O				0.57
54.533	0.00	0.03	0.040	O				0.57
54.550	0.00	0.03	0.040	O				0.57
54.567	0.00	0.03	0.040	O				0.57
54.583	0.00	0.03	0.040	O				0.57

54.600	0.00	0.03	0.040	O				0.57
54.617	0.00	0.03	0.040	O				0.57
54.633	0.00	0.03	0.040	O				0.57
54.650	0.00	0.03	0.040	O				0.57
54.667	0.00	0.03	0.040	O				0.57
54.683	0.00	0.03	0.040	O				0.56
54.700	0.00	0.03	0.040	O				0.56
54.717	0.00	0.03	0.039	O				0.56
54.733	0.00	0.03	0.039	O				0.56
54.750	0.00	0.03	0.039	O				0.56
54.767	0.00	0.03	0.039	O				0.56
54.783	0.00	0.03	0.039	O				0.56
54.800	0.00	0.03	0.039	O				0.56
54.817	0.00	0.03	0.039	O				0.56
54.833	0.00	0.03	0.039	O				0.56
54.850	0.00	0.03	0.039	O				0.56
54.867	0.00	0.03	0.039	O				0.56
54.883	0.00	0.03	0.039	O				0.56
54.900	0.00	0.03	0.039	O				0.56
54.917	0.00	0.03	0.039	O				0.56
54.933	0.00	0.03	0.039	O				0.56
54.950	0.00	0.03	0.039	O				0.56
54.967	0.00	0.03	0.039	O				0.56
54.983	0.00	0.03	0.039	O				0.55
55.000	0.00	0.03	0.039	O				0.55
55.017	0.00	0.03	0.039	O				0.55
55.033	0.00	0.03	0.039	O				0.55
55.050	0.00	0.03	0.039	O				0.55
55.067	0.00	0.03	0.039	O				0.55
55.083	0.00	0.03	0.039	O				0.55
55.100	0.00	0.03	0.039	O				0.55
55.117	0.00	0.03	0.039	O				0.55
55.133	0.00	0.03	0.038	O				0.55
55.150	0.00	0.03	0.038	O				0.55
55.167	0.00	0.03	0.038	O				0.55
55.183	0.00	0.03	0.038	O				0.55
55.200	0.00	0.03	0.038	O				0.55
55.217	0.00	0.03	0.038	O				0.55
55.233	0.00	0.03	0.038	O				0.55
55.250	0.00	0.03	0.038	O				0.55
55.267	0.00	0.03	0.038	O				0.55
55.283	0.00	0.03	0.038	O				0.54
55.300	0.00	0.03	0.038	O				0.54
55.317	0.00	0.03	0.038	O				0.54
55.333	0.00	0.03	0.038	O				0.54
55.350	0.00	0.03	0.038	O				0.54
55.367	0.00	0.03	0.038	O				0.54
55.383	0.00	0.03	0.038	O				0.54
55.400	0.00	0.03	0.038	O				0.54
55.417	0.00	0.03	0.038	O				0.54

55.433	0.00	0.03	0.038	O				0.54
55.450	0.00	0.03	0.038	O				0.54
55.467	0.00	0.03	0.038	O				0.54
55.483	0.00	0.03	0.038	O				0.54
55.500	0.00	0.03	0.038	O				0.54
55.517	0.00	0.03	0.038	O				0.54
55.533	0.00	0.03	0.038	O				0.54
55.550	0.00	0.03	0.037	O				0.54
55.567	0.00	0.03	0.037	O				0.54
55.583	0.00	0.03	0.037	O				0.53
55.600	0.00	0.03	0.037	O				0.53
55.617	0.00	0.03	0.037	O				0.53
55.633	0.00	0.03	0.037	O				0.53
55.650	0.00	0.03	0.037	O				0.53
55.667	0.00	0.03	0.037	O				0.53
55.683	0.00	0.03	0.037	O				0.53
55.700	0.00	0.03	0.037	O				0.53
55.717	0.00	0.03	0.037	O				0.53
55.733	0.00	0.03	0.037	O				0.53
55.750	0.00	0.03	0.037	O				0.53
55.767	0.00	0.03	0.037	O				0.53
55.783	0.00	0.03	0.037	O				0.53
55.800	0.00	0.03	0.037	O				0.53
55.817	0.00	0.03	0.037	O				0.53
55.833	0.00	0.03	0.037	O				0.53
55.850	0.00	0.03	0.037	O				0.53
55.867	0.00	0.03	0.037	O				0.53
55.883	0.00	0.03	0.037	O				0.52
55.900	0.00	0.03	0.037	O				0.52
55.917	0.00	0.03	0.037	O				0.52
55.933	0.00	0.03	0.037	O				0.52
55.950	0.00	0.03	0.037	O				0.52
55.967	0.00	0.03	0.037	O				0.52
55.983	0.00	0.03	0.037	O				0.52
56.000	0.00	0.03	0.036	O				0.52
56.017	0.00	0.03	0.036	O				0.52
56.033	0.00	0.03	0.036	O				0.52
56.050	0.00	0.03	0.036	O				0.52
56.067	0.00	0.03	0.036	O				0.52
56.083	0.00	0.03	0.036	O				0.52
56.100	0.00	0.03	0.036	O				0.52
56.117	0.00	0.03	0.036	O				0.52
56.133	0.00	0.03	0.036	O				0.52
56.150	0.00	0.03	0.036	O				0.52
56.167	0.00	0.03	0.036	O				0.52
56.183	0.00	0.03	0.036	O				0.52
56.200	0.00	0.03	0.036	O				0.51
56.217	0.00	0.03	0.036	O				0.51
56.233	0.00	0.03	0.036	O				0.51
56.250	0.00	0.03	0.036	O				0.51

56.267	0.00	0.03	0.036	O				0.51
56.283	0.00	0.03	0.036	O				0.51
56.300	0.00	0.03	0.036	O				0.51
56.317	0.00	0.03	0.036	O				0.51
56.333	0.00	0.03	0.036	O				0.51
56.350	0.00	0.03	0.036	O				0.51
56.367	0.00	0.03	0.036	O				0.51
56.383	0.00	0.03	0.036	O				0.51
56.400	0.00	0.03	0.036	O				0.51
56.417	0.00	0.03	0.036	O				0.51
56.433	0.00	0.03	0.036	O				0.51
56.450	0.00	0.03	0.035	O				0.51
56.467	0.00	0.03	0.035	O				0.51
56.483	0.00	0.03	0.035	O				0.51
56.500	0.00	0.03	0.035	O				0.51
56.517	0.00	0.03	0.035	O				0.50
56.533	0.00	0.03	0.035	O				0.50
56.550	0.00	0.03	0.035	O				0.50
56.567	0.00	0.03	0.035	O				0.50
56.583	0.00	0.03	0.035	O				0.50
56.600	0.00	0.03	0.035	O				0.50
56.617	0.00	0.03	0.035	O				0.50
56.633	0.00	0.03	0.035	O				0.50
56.650	0.00	0.03	0.035	O				0.50
56.667	0.00	0.03	0.035	O				0.50
56.683	0.00	0.03	0.035	O				0.50
56.700	0.00	0.03	0.035	O				0.50
56.717	0.00	0.03	0.035	O				0.50
56.733	0.00	0.03	0.035	O				0.50
56.750	0.00	0.03	0.035	O				0.50
56.767	0.00	0.03	0.035	O				0.50
56.783	0.00	0.03	0.035	O				0.50
56.800	0.00	0.03	0.035	O				0.50
56.817	0.00	0.03	0.035	O				0.50
56.833	0.00	0.03	0.035	O				0.50
56.850	0.00	0.03	0.035	O				0.49
56.867	0.00	0.03	0.035	O				0.49
56.883	0.00	0.03	0.035	O				0.49
56.900	0.00	0.03	0.035	O				0.49
56.917	0.00	0.03	0.034	O				0.49
56.933	0.00	0.03	0.034	O				0.49
56.950	0.00	0.03	0.034	O				0.49
56.967	0.00	0.03	0.034	O				0.49
56.983	0.00	0.03	0.034	O				0.49
57.000	0.00	0.03	0.034	O				0.49
57.017	0.00	0.03	0.034	O				0.49
57.033	0.00	0.03	0.034	O				0.49
57.050	0.00	0.03	0.034	O				0.49
57.067	0.00	0.03	0.034	O				0.49
57.083	0.00	0.03	0.034	O				0.49

57.100	0.00	0.03	0.034	O				0.49
57.117	0.00	0.03	0.034	O				0.49
57.133	0.00	0.03	0.034	O				0.49
57.150	0.00	0.03	0.034	O				0.49
57.167	0.00	0.03	0.034	O				0.49
57.183	0.00	0.03	0.034	O				0.48
57.200	0.00	0.03	0.034	O				0.48
57.217	0.00	0.03	0.034	O				0.48
57.233	0.00	0.03	0.034	O				0.48
57.250	0.00	0.03	0.034	O				0.48
57.267	0.00	0.03	0.034	O				0.48
57.283	0.00	0.03	0.034	O				0.48
57.300	0.00	0.03	0.034	O				0.48
57.317	0.00	0.02	0.034	O				0.48
57.333	0.00	0.02	0.034	O				0.48
57.350	0.00	0.02	0.034	O				0.48
57.367	0.00	0.02	0.034	O				0.48
57.383	0.00	0.02	0.034	O				0.48
57.400	0.00	0.02	0.033	O				0.48
57.417	0.00	0.02	0.033	O				0.48
57.433	0.00	0.02	0.033	O				0.48
57.450	0.00	0.02	0.033	O				0.48
57.467	0.00	0.02	0.033	O				0.48
57.483	0.00	0.02	0.033	O				0.48
57.500	0.00	0.02	0.033	O				0.48
57.517	0.00	0.02	0.033	O				0.47
57.533	0.00	0.02	0.033	O				0.47
57.550	0.00	0.02	0.033	O				0.47
57.567	0.00	0.02	0.033	O				0.47
57.583	0.00	0.02	0.033	O				0.47
57.600	0.00	0.02	0.033	O				0.47
57.617	0.00	0.02	0.033	O				0.47
57.633	0.00	0.02	0.033	O				0.47
57.650	0.00	0.02	0.033	O				0.47
57.667	0.00	0.02	0.033	O				0.47
57.683	0.00	0.02	0.033	O				0.47
57.700	0.00	0.02	0.033	O				0.47
57.717	0.00	0.02	0.033	O				0.47
57.733	0.00	0.02	0.033	O				0.47
57.750	0.00	0.02	0.033	O				0.47
57.767	0.00	0.02	0.033	O				0.47
57.783	0.00	0.02	0.033	O				0.47
57.800	0.00	0.02	0.033	O				0.47
57.817	0.00	0.02	0.033	O				0.47
57.833	0.00	0.02	0.033	O				0.47
57.850	0.00	0.02	0.033	O				0.47
57.867	0.00	0.02	0.033	O				0.46
57.883	0.00	0.02	0.032	O				0.46
57.900	0.00	0.02	0.032	O				0.46
57.917	0.00	0.02	0.032	O				0.46

57.933	0.00	0.02	0.032	O	|	|	|	0.46
57.950	0.00	0.02	0.032	O	|	|	|	0.46
57.967	0.00	0.02	0.032	O	|	|	|	0.46
57.983	0.00	0.02	0.032	O	|	|	|	0.46
58.000	0.00	0.02	0.032	O	|	|	|	0.46
58.017	0.00	0.02	0.032	O	|	|	|	0.46
58.033	0.00	0.02	0.032	O	|	|	|	0.46
58.050	0.00	0.02	0.032	O	|	|	|	0.46
58.067	0.00	0.02	0.032	O	|	|	|	0.46
58.083	0.00	0.02	0.032	O	|	|	|	0.46
58.100	0.00	0.02	0.032	O	|	|	|	0.46
58.117	0.00	0.02	0.032	O	|	|	|	0.46
58.133	0.00	0.02	0.032	O	|	|	|	0.46
58.150	0.00	0.02	0.032	O	|	|	|	0.46
58.167	0.00	0.02	0.032	O	|	|	|	0.46
58.183	0.00	0.02	0.032	O	|	|	|	0.46
58.200	0.00	0.02	0.032	O	|	|	|	0.46
58.217	0.00	0.02	0.032	O	|	|	|	0.45
58.233	0.00	0.02	0.032	O	|	|	|	0.45
58.250	0.00	0.02	0.032	O	|	|	|	0.45
58.267	0.00	0.02	0.032	O	|	|	|	0.45
58.283	0.00	0.02	0.032	O	|	|	|	0.45
58.300	0.00	0.02	0.032	O	|	|	|	0.45
58.317	0.00	0.02	0.032	O	|	|	|	0.45
58.333	0.00	0.02	0.032	O	|	|	|	0.45
58.350	0.00	0.02	0.032	O	|	|	|	0.45
58.367	0.00	0.02	0.032	O	|	|	|	0.45
58.383	0.00	0.02	0.032	O	|	|	|	0.45
58.400	0.00	0.02	0.031	O	|	|	|	0.45
58.417	0.00	0.02	0.031	O	|	|	|	0.45
58.433	0.00	0.02	0.031	O	|	|	|	0.45
58.450	0.00	0.02	0.031	O	|	|	|	0.45
58.467	0.00	0.02	0.031	O	|	|	|	0.45
58.483	0.00	0.02	0.031	O	|	|	|	0.45
58.500	0.00	0.02	0.031	O	|	|	|	0.45
58.517	0.00	0.02	0.031	O	|	|	|	0.45
58.533	0.00	0.02	0.031	O	|	|	|	0.45
58.550	0.00	0.02	0.031	O	|	|	|	0.45
58.567	0.00	0.02	0.031	O	|	|	|	0.45
58.583	0.00	0.02	0.031	O	|	|	|	0.44
58.600	0.00	0.02	0.031	O	|	|	|	0.44
58.617	0.00	0.02	0.031	O	|	|	|	0.44
58.633	0.00	0.02	0.031	O	|	|	|	0.44
58.650	0.00	0.02	0.031	O	|	|	|	0.44
58.667	0.00	0.02	0.031	O	|	|	|	0.44
58.683	0.00	0.02	0.031	O	|	|	|	0.44
58.700	0.00	0.02	0.031	O	|	|	|	0.44
58.717	0.00	0.02	0.031	O	|	|	|	0.44
58.733	0.00	0.02	0.031	O	|	|	|	0.44
58.750	0.00	0.02	0.031	O	|	|	|	0.44

58.767	0.00	0.02	0.031	O				0.44
58.783	0.00	0.02	0.031	O				0.44
58.800	0.00	0.02	0.031	O				0.44
58.817	0.00	0.02	0.031	O				0.44
58.833	0.00	0.02	0.031	O				0.44
58.850	0.00	0.02	0.031	O				0.44
58.867	0.00	0.02	0.031	O				0.44
58.883	0.00	0.02	0.031	O				0.44
58.900	0.00	0.02	0.031	O				0.44
58.917	0.00	0.02	0.030	O				0.44
58.933	0.00	0.02	0.030	O				0.44
58.950	0.00	0.02	0.030	O				0.43
58.967	0.00	0.02	0.030	O				0.43
58.983	0.00	0.02	0.030	O				0.43
59.000	0.00	0.02	0.030	O				0.43
59.017	0.00	0.02	0.030	O				0.43
59.033	0.00	0.02	0.030	O				0.43
59.050	0.00	0.02	0.030	O				0.43
59.067	0.00	0.02	0.030	O				0.43
59.083	0.00	0.02	0.030	O				0.43
59.100	0.00	0.02	0.030	O				0.43
59.117	0.00	0.02	0.030	O				0.43
59.133	0.00	0.02	0.030	O				0.43
59.150	0.00	0.02	0.030	O				0.43
59.167	0.00	0.02	0.030	O				0.43
59.183	0.00	0.02	0.030	O				0.43
59.200	0.00	0.02	0.030	O				0.43
59.217	0.00	0.02	0.030	O				0.43
59.233	0.00	0.02	0.030	O				0.43
59.250	0.00	0.02	0.030	O				0.43
59.267	0.00	0.02	0.030	O				0.43
59.283	0.00	0.02	0.030	O				0.43
59.300	0.00	0.02	0.030	O				0.43
59.317	0.00	0.02	0.030	O				0.43
59.333	0.00	0.02	0.030	O				0.42
59.350	0.00	0.02	0.030	O				0.42
59.367	0.00	0.02	0.030	O				0.42
59.383	0.00	0.02	0.030	O				0.42
59.400	0.00	0.02	0.030	O				0.42
59.417	0.00	0.02	0.030	O				0.42
59.433	0.00	0.02	0.030	O				0.42
59.450	0.00	0.02	0.030	O				0.42
59.467	0.00	0.02	0.029	O				0.42
59.483	0.00	0.02	0.029	O				0.42
59.500	0.00	0.02	0.029	O				0.42
59.517	0.00	0.02	0.029	O				0.42
59.533	0.00	0.02	0.029	O				0.42
59.550	0.00	0.02	0.029	O				0.42
59.567	0.00	0.02	0.029	O				0.42
59.583	0.00	0.02	0.029	O				0.42

59.600	0.00	0.02	0.029	O	|	|	|	0.42
59.617	0.00	0.02	0.029	O	|	|	|	0.42
59.633	0.00	0.02	0.029	O	|	|	|	0.42
59.650	0.00	0.02	0.029	O	|	|	|	0.42
59.667	0.00	0.02	0.029	O	|	|	|	0.42
59.683	0.00	0.02	0.029	O	|	|	|	0.42
59.700	0.00	0.02	0.029	O	|	|	|	0.42
59.717	0.00	0.02	0.029	O	|	|	|	0.41
59.733	0.00	0.02	0.029	O	|	|	|	0.41
59.750	0.00	0.02	0.029	O	|	|	|	0.41
59.767	0.00	0.02	0.029	O	|	|	|	0.41
59.783	0.00	0.02	0.029	O	|	|	|	0.41
59.800	0.00	0.02	0.029	O	|	|	|	0.41
59.817	0.00	0.02	0.029	O	|	|	|	0.41
59.833	0.00	0.02	0.029	O	|	|	|	0.41
59.850	0.00	0.02	0.029	O	|	|	|	0.41
59.867	0.00	0.02	0.029	O	|	|	|	0.41
59.883	0.00	0.02	0.029	O	|	|	|	0.41
59.900	0.00	0.02	0.029	O	|	|	|	0.41
59.917	0.00	0.02	0.029	O	|	|	|	0.41
59.933	0.00	0.02	0.029	O	|	|	|	0.41
59.950	0.00	0.02	0.029	O	|	|	|	0.41
59.967	0.00	0.02	0.029	O	|	|	|	0.41
59.983	0.00	0.02	0.029	O	|	|	|	0.41
60.000	0.00	0.02	0.029	O	|	|	|	0.41
60.017	0.00	0.02	0.029	O	|	|	|	0.41
60.033	0.00	0.02	0.028	O	|	|	|	0.41
60.050	0.00	0.02	0.028	O	|	|	|	0.41
60.067	0.00	0.02	0.028	O	|	|	|	0.41
60.083	0.00	0.02	0.028	O	|	|	|	0.41
60.100	0.00	0.02	0.028	O	|	|	|	0.41
60.117	0.00	0.02	0.028	O	|	|	|	0.40
60.133	0.00	0.02	0.028	O	|	|	|	0.40
60.150	0.00	0.02	0.028	O	|	|	|	0.40
60.167	0.00	0.02	0.028	O	|	|	|	0.40
60.183	0.00	0.02	0.028	O	|	|	|	0.40
60.200	0.00	0.02	0.028	O	|	|	|	0.40
60.217	0.00	0.02	0.028	O	|	|	|	0.40
60.233	0.00	0.02	0.028	O	|	|	|	0.40
60.250	0.00	0.02	0.028	O	|	|	|	0.40
60.267	0.00	0.02	0.028	O	|	|	|	0.40
60.283	0.00	0.02	0.028	O	|	|	|	0.40
60.300	0.00	0.02	0.028	O	|	|	|	0.40
60.317	0.00	0.02	0.028	O	|	|	|	0.40
60.333	0.00	0.02	0.028	O	|	|	|	0.40
60.350	0.00	0.02	0.028	O	|	|	|	0.40
60.367	0.00	0.02	0.028	O	|	|	|	0.40
60.383	0.00	0.02	0.028	O	|	|	|	0.40
60.400	0.00	0.02	0.028	O	|	|	|	0.40
60.417	0.00	0.02	0.028	O	|	|	|	0.40

60.433	0.00	0.02	0.028	O	|	|	|	0.40
60.450	0.00	0.02	0.028	O	|	|	|	0.40
60.467	0.00	0.02	0.028	O	|	|	|	0.40
60.483	0.00	0.02	0.028	O	|	|	|	0.40
60.500	0.00	0.02	0.028	O	|	|	|	0.40
60.517	0.00	0.02	0.028	O	|	|	|	0.39
60.533	0.00	0.02	0.028	O	|	|	|	0.39
60.550	0.00	0.02	0.028	O	|	|	|	0.39
60.567	0.00	0.02	0.028	O	|	|	|	0.39
60.583	0.00	0.02	0.028	O	|	|	|	0.39
60.600	0.00	0.02	0.028	O	|	|	|	0.39
60.617	0.00	0.02	0.027	O	|	|	|	0.39
60.633	0.00	0.02	0.027	O	|	|	|	0.39
60.650	0.00	0.02	0.027	O	|	|	|	0.39
60.667	0.00	0.02	0.027	O	|	|	|	0.39
60.683	0.00	0.02	0.027	O	|	|	|	0.39
60.700	0.00	0.02	0.027	O	|	|	|	0.39
60.717	0.00	0.02	0.027	O	|	|	|	0.39
60.733	0.00	0.02	0.027	O	|	|	|	0.39
60.750	0.00	0.02	0.027	O	|	|	|	0.39
60.767	0.00	0.02	0.027	O	|	|	|	0.39
60.783	0.00	0.02	0.027	O	|	|	|	0.39
60.800	0.00	0.02	0.027	O	|	|	|	0.39
60.817	0.00	0.02	0.027	O	|	|	|	0.39
60.833	0.00	0.02	0.027	O	|	|	|	0.39
60.850	0.00	0.02	0.027	O	|	|	|	0.39
60.867	0.00	0.02	0.027	O	|	|	|	0.39
60.883	0.00	0.02	0.027	O	|	|	|	0.39
60.900	0.00	0.02	0.027	O	|	|	|	0.39
60.917	0.00	0.02	0.027	O	|	|	|	0.39
60.933	0.00	0.02	0.027	O	|	|	|	0.38
60.950	0.00	0.02	0.027	O	|	|	|	0.38
60.967	0.00	0.02	0.027	O	|	|	|	0.38
60.983	0.00	0.02	0.027	O	|	|	|	0.38
61.000	0.00	0.02	0.027	O	|	|	|	0.38
61.017	0.00	0.02	0.027	O	|	|	|	0.38
61.033	0.00	0.02	0.027	O	|	|	|	0.38
61.050	0.00	0.02	0.027	O	|	|	|	0.38
61.067	0.00	0.02	0.027	O	|	|	|	0.38
61.083	0.00	0.02	0.027	O	|	|	|	0.38
61.100	0.00	0.02	0.027	O	|	|	|	0.38
61.117	0.00	0.02	0.027	O	|	|	|	0.38
61.133	0.00	0.02	0.027	O	|	|	|	0.38
61.150	0.00	0.02	0.027	O	|	|	|	0.38
61.167	0.00	0.02	0.027	O	|	|	|	0.38
61.183	0.00	0.02	0.027	O	|	|	|	0.38
61.200	0.00	0.02	0.027	O	|	|	|	0.38
61.217	0.00	0.02	0.026	O	|	|	|	0.38
61.233	0.00	0.02	0.026	O	|	|	|	0.38
61.250	0.00	0.02	0.026	O	|	|	|	0.38

61.267	0.00	0.02	0.026	O	|	|	|	0.38
61.283	0.00	0.02	0.026	O	|	|	|	0.38
61.300	0.00	0.02	0.026	O	|	|	|	0.38
61.317	0.00	0.02	0.026	O	|	|	|	0.38
61.333	0.00	0.02	0.026	O	|	|	|	0.38
61.350	0.00	0.02	0.026	O	|	|	|	0.38
61.367	0.00	0.02	0.026	O	|	|	|	0.37
61.383	0.00	0.02	0.026	O	|	|	|	0.37
61.400	0.00	0.02	0.026	O	|	|	|	0.37
61.417	0.00	0.02	0.026	O	|	|	|	0.37
61.433	0.00	0.02	0.026	O	|	|	|	0.37
61.450	0.00	0.02	0.026	O	|	|	|	0.37
61.467	0.00	0.02	0.026	O	|	|	|	0.37
61.483	0.00	0.02	0.026	O	|	|	|	0.37
61.500	0.00	0.02	0.026	O	|	|	|	0.37
61.517	0.00	0.02	0.026	O	|	|	|	0.37
61.533	0.00	0.02	0.026	O	|	|	|	0.37
61.550	0.00	0.02	0.026	O	|	|	|	0.37
61.567	0.00	0.02	0.026	O	|	|	|	0.37
61.583	0.00	0.02	0.026	O	|	|	|	0.37
61.600	0.00	0.02	0.026	O	|	|	|	0.37
61.617	0.00	0.02	0.026	O	|	|	|	0.37
61.633	0.00	0.02	0.026	O	|	|	|	0.37
61.650	0.00	0.02	0.026	O	|	|	|	0.37
61.667	0.00	0.02	0.026	O	|	|	|	0.37
61.683	0.00	0.02	0.026	O	|	|	|	0.37
61.700	0.00	0.02	0.026	O	|	|	|	0.37
61.717	0.00	0.02	0.026	O	|	|	|	0.37
61.733	0.00	0.02	0.026	O	|	|	|	0.37
61.750	0.00	0.02	0.026	O	|	|	|	0.37
61.767	0.00	0.02	0.026	O	|	|	|	0.37
61.783	0.00	0.02	0.026	O	|	|	|	0.37
61.800	0.00	0.02	0.026	O	|	|	|	0.36
61.817	0.00	0.02	0.026	O	|	|	|	0.36
61.833	0.00	0.02	0.025	O	|	|	|	0.36
61.850	0.00	0.02	0.025	O	|	|	|	0.36
61.867	0.00	0.02	0.025	O	|	|	|	0.36
61.883	0.00	0.02	0.025	O	|	|	|	0.36
61.900	0.00	0.02	0.025	O	|	|	|	0.36
61.917	0.00	0.02	0.025	O	|	|	|	0.36
61.933	0.00	0.02	0.025	O	|	|	|	0.36
61.950	0.00	0.02	0.025	O	|	|	|	0.36
61.967	0.00	0.02	0.025	O	|	|	|	0.36
61.983	0.00	0.02	0.025	O	|	|	|	0.36
62.000	0.00	0.02	0.025	O	|	|	|	0.36
62.017	0.00	0.02	0.025	O	|	|	|	0.36
62.033	0.00	0.02	0.025	O	|	|	|	0.36
62.050	0.00	0.02	0.025	O	|	|	|	0.36
62.067	0.00	0.02	0.025	O	|	|	|	0.36
62.083	0.00	0.02	0.025	O	|	|	|	0.36

62.100	0.00	0.02	0.025	O	|	|	|	0.36
62.117	0.00	0.02	0.025	O	|	|	|	0.36
62.133	0.00	0.02	0.025	O	|	|	|	0.36
62.150	0.00	0.02	0.025	O	|	|	|	0.36
62.167	0.00	0.02	0.025	O	|	|	|	0.36
62.183	0.00	0.02	0.025	O	|	|	|	0.36
62.200	0.00	0.02	0.025	O	|	|	|	0.36
62.217	0.00	0.02	0.025	O	|	|	|	0.36
62.233	0.00	0.02	0.025	O	|	|	|	0.36
62.250	0.00	0.02	0.025	O	|	|	|	0.36
62.267	0.00	0.02	0.025	O	|	|	|	0.35
62.283	0.00	0.02	0.025	O	|	|	|	0.35
62.300	0.00	0.02	0.025	O	|	|	|	0.35
62.317	0.00	0.02	0.025	O	|	|	|	0.35
62.333	0.00	0.02	0.025	O	|	|	|	0.35
62.350	0.00	0.02	0.025	O	|	|	|	0.35
62.367	0.00	0.02	0.025	O	|	|	|	0.35
62.383	0.00	0.02	0.025	O	|	|	|	0.35
62.400	0.00	0.02	0.025	O	|	|	|	0.35
62.417	0.00	0.02	0.025	O	|	|	|	0.35
62.433	0.00	0.02	0.025	O	|	|	|	0.35
62.450	0.00	0.02	0.025	O	|	|	|	0.35
62.467	0.00	0.02	0.025	O	|	|	|	0.35
62.483	0.00	0.02	0.024	O	|	|	|	0.35
62.500	0.00	0.02	0.024	O	|	|	|	0.35
62.517	0.00	0.02	0.024	O	|	|	|	0.35
62.533	0.00	0.02	0.024	O	|	|	|	0.35
62.550	0.00	0.02	0.024	O	|	|	|	0.35
62.567	0.00	0.02	0.024	O	|	|	|	0.35
62.583	0.00	0.02	0.024	O	|	|	|	0.35
62.600	0.00	0.02	0.024	O	|	|	|	0.35
62.617	0.00	0.02	0.024	O	|	|	|	0.35
62.633	0.00	0.02	0.024	O	|	|	|	0.35
62.650	0.00	0.02	0.024	O	|	|	|	0.35
62.667	0.00	0.02	0.024	O	|	|	|	0.35
62.683	0.00	0.02	0.024	O	|	|	|	0.35
62.700	0.00	0.02	0.024	O	|	|	|	0.35
62.717	0.00	0.02	0.024	O	|	|	|	0.34
62.733	0.00	0.02	0.024	O	|	|	|	0.34
62.750	0.00	0.02	0.024	O	|	|	|	0.34
62.767	0.00	0.02	0.024	O	|	|	|	0.34
62.783	0.00	0.02	0.024	O	|	|	|	0.34
62.800	0.00	0.02	0.024	O	|	|	|	0.34
62.817	0.00	0.02	0.024	O	|	|	|	0.34
62.833	0.00	0.02	0.024	O	|	|	|	0.34
62.850	0.00	0.02	0.024	O	|	|	|	0.34
62.867	0.00	0.02	0.024	O	|	|	|	0.34
62.883	0.00	0.02	0.024	O	|	|	|	0.34
62.900	0.00	0.02	0.024	O	|	|	|	0.34
62.917	0.00	0.02	0.024	O	|	|	|	0.34

62.933	0.00	0.02	0.024	O				0.34
62.950	0.00	0.02	0.024	O				0.34
62.967	0.00	0.02	0.024	O				0.34
62.983	0.00	0.02	0.024	O				0.34
63.000	0.00	0.02	0.024	O				0.34
63.017	0.00	0.02	0.024	O				0.34
63.033	0.00	0.02	0.024	O				0.34
63.050	0.00	0.02	0.024	O				0.34
63.067	0.00	0.02	0.024	O				0.34
63.083	0.00	0.02	0.024	O				0.34
63.100	0.00	0.02	0.024	O				0.34
63.117	0.00	0.02	0.024	O				0.34
63.133	0.00	0.02	0.024	O				0.34
63.150	0.00	0.02	0.024	O				0.34
63.167	0.00	0.02	0.023	O				0.34
63.183	0.00	0.02	0.023	O				0.34
63.200	0.00	0.02	0.023	O				0.33
63.217	0.00	0.02	0.023	O				0.33
63.233	0.00	0.02	0.023	O				0.33
63.250	0.00	0.02	0.023	O				0.33
63.267	0.00	0.02	0.023	O				0.33
63.283	0.00	0.02	0.023	O				0.33
63.300	0.00	0.02	0.023	O				0.33
63.317	0.00	0.02	0.023	O				0.33
63.333	0.00	0.02	0.023	O				0.33
63.350	0.00	0.02	0.023	O				0.33
63.367	0.00	0.02	0.023	O				0.33
63.383	0.00	0.02	0.023	O				0.33
63.400	0.00	0.02	0.023	O				0.33
63.417	0.00	0.02	0.023	O				0.33
63.433	0.00	0.02	0.023	O				0.33
63.450	0.00	0.02	0.023	O				0.33
63.467	0.00	0.02	0.023	O				0.33
63.483	0.00	0.02	0.023	O				0.33
63.500	0.00	0.02	0.023	O				0.33
63.517	0.00	0.02	0.023	O				0.33
63.533	0.00	0.02	0.023	O				0.33
63.550	0.00	0.02	0.023	O				0.33
63.567	0.00	0.02	0.023	O				0.33
63.583	0.00	0.02	0.023	O				0.33
63.600	0.00	0.02	0.023	O				0.33
63.617	0.00	0.02	0.023	O				0.33
63.633	0.00	0.02	0.023	O				0.33
63.650	0.00	0.02	0.023	O				0.33
63.667	0.00	0.02	0.023	O				0.33
63.683	0.00	0.02	0.023	O				0.33
63.700	0.00	0.02	0.023	O				0.32
63.717	0.00	0.02	0.023	O				0.32
63.733	0.00	0.02	0.023	O				0.32
63.750	0.00	0.02	0.023	O				0.32

63.767	0.00	0.02	0.023	O	|	|	|	0.32
63.783	0.00	0.02	0.023	O	|	|	|	0.32
63.800	0.00	0.02	0.023	O	|	|	|	0.32
63.817	0.00	0.02	0.023	O	|	|	|	0.32
63.833	0.00	0.02	0.023	O	|	|	|	0.32
63.850	0.00	0.02	0.023	O	|	|	|	0.32
63.867	0.00	0.02	0.023	O	|	|	|	0.32
63.883	0.00	0.02	0.022	O	|	|	|	0.32
63.900	0.00	0.02	0.022	O	|	|	|	0.32
63.917	0.00	0.02	0.022	O	|	|	|	0.32
63.933	0.00	0.02	0.022	O	|	|	|	0.32
63.950	0.00	0.02	0.022	O	|	|	|	0.32
63.967	0.00	0.02	0.022	O	|	|	|	0.32
63.983	0.00	0.02	0.022	O	|	|	|	0.32
64.000	0.00	0.02	0.022	O	|	|	|	0.32
64.017	0.00	0.02	0.022	O	|	|	|	0.32
64.033	0.00	0.02	0.022	O	|	|	|	0.32
64.050	0.00	0.02	0.022	O	|	|	|	0.32
64.067	0.00	0.02	0.022	O	|	|	|	0.32
64.083	0.00	0.02	0.022	O	|	|	|	0.32
64.100	0.00	0.02	0.022	O	|	|	|	0.32
64.117	0.00	0.02	0.022	O	|	|	|	0.32
64.133	0.00	0.02	0.022	O	|	|	|	0.32
64.150	0.00	0.02	0.022	O	|	|	|	0.32
64.167	0.00	0.02	0.022	O	|	|	|	0.32
64.183	0.00	0.02	0.022	O	|	|	|	0.32
64.200	0.00	0.02	0.022	O	|	|	|	0.31
64.217	0.00	0.02	0.022	O	|	|	|	0.31
64.233	0.00	0.02	0.022	O	|	|	|	0.31
64.250	0.00	0.02	0.022	O	|	|	|	0.31
64.267	0.00	0.02	0.022	O	|	|	|	0.31
64.283	0.00	0.02	0.022	O	|	|	|	0.31
64.300	0.00	0.02	0.022	O	|	|	|	0.31
64.317	0.00	0.02	0.022	O	|	|	|	0.31
64.333	0.00	0.02	0.022	O	|	|	|	0.31
64.350	0.00	0.02	0.022	O	|	|	|	0.31
64.367	0.00	0.02	0.022	O	|	|	|	0.31
64.383	0.00	0.02	0.022	O	|	|	|	0.31
64.400	0.00	0.02	0.022	O	|	|	|	0.31
64.417	0.00	0.02	0.022	O	|	|	|	0.31
64.433	0.00	0.02	0.022	O	|	|	|	0.31
64.450	0.00	0.02	0.022	O	|	|	|	0.31
64.467	0.00	0.02	0.022	O	|	|	|	0.31
64.483	0.00	0.02	0.022	O	|	|	|	0.31
64.500	0.00	0.02	0.022	O	|	|	|	0.31
64.517	0.00	0.02	0.022	O	|	|	|	0.31
64.533	0.00	0.02	0.022	O	|	|	|	0.31
64.550	0.00	0.02	0.022	O	|	|	|	0.31
64.567	0.00	0.02	0.022	O	|	|	|	0.31
64.583	0.00	0.02	0.022	O	|	|	|	0.31

64.600	0.00	0.02	0.022	O	|	|	|	0.31
64.617	0.00	0.02	0.021	O	|	|	|	0.31
64.633	0.00	0.02	0.021	O	|	|	|	0.31
64.650	0.00	0.02	0.021	O	|	|	|	0.31
64.667	0.00	0.02	0.021	O	|	|	|	0.31
64.683	0.00	0.02	0.021	O	|	|	|	0.31
64.700	0.00	0.02	0.021	O	|	|	|	0.31
64.717	0.00	0.02	0.021	O	|	|	|	0.31
64.733	0.00	0.02	0.021	O	|	|	|	0.30
64.750	0.00	0.02	0.021	O	|	|	|	0.30
64.767	0.00	0.02	0.021	O	|	|	|	0.30
64.783	0.00	0.02	0.021	O	|	|	|	0.30
64.800	0.00	0.02	0.021	O	|	|	|	0.30
64.817	0.00	0.02	0.021	O	|	|	|	0.30
64.833	0.00	0.02	0.021	O	|	|	|	0.30
64.850	0.00	0.02	0.021	O	|	|	|	0.30
64.867	0.00	0.02	0.021	O	|	|	|	0.30
64.883	0.00	0.02	0.021	O	|	|	|	0.30
64.900	0.00	0.02	0.021	O	|	|	|	0.30
64.917	0.00	0.02	0.021	O	|	|	|	0.30
64.933	0.00	0.02	0.021	O	|	|	|	0.30
64.950	0.00	0.02	0.021	O	|	|	|	0.30
64.967	0.00	0.02	0.021	O	|	|	|	0.30
64.983	0.00	0.02	0.021	O	|	|	|	0.30
65.000	0.00	0.02	0.021	O	|	|	|	0.30
65.017	0.00	0.02	0.021	O	|	|	|	0.30
65.033	0.00	0.02	0.021	O	|	|	|	0.30
65.050	0.00	0.02	0.021	O	|	|	|	0.30
65.067	0.00	0.02	0.021	O	|	|	|	0.30
65.083	0.00	0.02	0.021	O	|	|	|	0.30
65.100	0.00	0.02	0.021	O	|	|	|	0.30
65.117	0.00	0.02	0.021	O	|	|	|	0.30
65.133	0.00	0.02	0.021	O	|	|	|	0.30
65.150	0.00	0.02	0.021	O	|	|	|	0.30
65.167	0.00	0.02	0.021	O	|	|	|	0.30
65.183	0.00	0.02	0.021	O	|	|	|	0.30
65.200	0.00	0.02	0.021	O	|	|	|	0.30
65.217	0.00	0.02	0.021	O	|	|	|	0.30
65.233	0.00	0.02	0.021	O	|	|	|	0.30
65.250	0.00	0.02	0.021	O	|	|	|	0.30
65.267	0.00	0.02	0.021	O	|	|	|	0.30
65.283	0.00	0.02	0.021	O	|	|	|	0.29
65.300	0.00	0.02	0.021	O	|	|	|	0.29
65.317	0.00	0.02	0.021	O	|	|	|	0.29
65.333	0.00	0.02	0.021	O	|	|	|	0.29
65.350	0.00	0.02	0.021	O	|	|	|	0.29
65.367	0.00	0.02	0.021	O	|	|	|	0.29
65.383	0.00	0.02	0.021	O	|	|	|	0.29
65.400	0.00	0.02	0.020	O	|	|	|	0.29
65.417	0.00	0.02	0.020	O	|	|	|	0.29

65.433	0.00	0.02	0.020	O	|	|	|	0.29
65.450	0.00	0.02	0.020	O	|	|	|	0.29
65.467	0.00	0.02	0.020	O	|	|	|	0.29
65.483	0.00	0.02	0.020	O	|	|	|	0.29
65.500	0.00	0.02	0.020	O	|	|	|	0.29
65.517	0.00	0.02	0.020	O	|	|	|	0.29
65.533	0.00	0.02	0.020	O	|	|	|	0.29
65.550	0.00	0.02	0.020	O	|	|	|	0.29
65.567	0.00	0.02	0.020	O	|	|	|	0.29
65.583	0.00	0.02	0.020	O	|	|	|	0.29
65.600	0.00	0.02	0.020	O	|	|	|	0.29
65.617	0.00	0.02	0.020	O	|	|	|	0.29
65.633	0.00	0.01	0.020	O	|	|	|	0.29
65.650	0.00	0.01	0.020	O	|	|	|	0.29
65.667	0.00	0.01	0.020	O	|	|	|	0.29
65.683	0.00	0.01	0.020	O	|	|	|	0.29
65.700	0.00	0.01	0.020	O	|	|	|	0.29
65.717	0.00	0.01	0.020	O	|	|	|	0.29
65.733	0.00	0.01	0.020	O	|	|	|	0.29
65.750	0.00	0.01	0.020	O	|	|	|	0.29
65.767	0.00	0.01	0.020	O	|	|	|	0.29
65.783	0.00	0.01	0.020	O	|	|	|	0.29
65.800	0.00	0.01	0.020	O	|	|	|	0.29
65.817	0.00	0.01	0.020	O	|	|	|	0.29
65.833	0.00	0.01	0.020	O	|	|	|	0.28
65.850	0.00	0.01	0.020	O	|	|	|	0.28
65.867	0.00	0.01	0.020	O	|	|	|	0.28
65.883	0.00	0.01	0.020	O	|	|	|	0.28
65.900	0.00	0.01	0.020	O	|	|	|	0.28
65.917	0.00	0.01	0.020	O	|	|	|	0.28
65.933	0.00	0.01	0.020	O	|	|	|	0.28
65.950	0.00	0.01	0.020	O	|	|	|	0.28
65.967	0.00	0.01	0.020	O	|	|	|	0.28
65.983	0.00	0.01	0.020	O	|	|	|	0.28
66.000	0.00	0.01	0.020	O	|	|	|	0.28
66.017	0.00	0.01	0.020	O	|	|	|	0.28
66.033	0.00	0.01	0.020	O	|	|	|	0.28
66.050	0.00	0.01	0.020	O	|	|	|	0.28
66.067	0.00	0.01	0.020	O	|	|	|	0.28
66.083	0.00	0.01	0.020	O	|	|	|	0.28
66.100	0.00	0.01	0.020	O	|	|	|	0.28
66.117	0.00	0.01	0.020	O	|	|	|	0.28
66.133	0.00	0.01	0.020	O	|	|	|	0.28
66.150	0.00	0.01	0.020	O	|	|	|	0.28
66.167	0.00	0.01	0.020	O	|	|	|	0.28
66.183	0.00	0.01	0.020	O	|	|	|	0.28
66.200	0.00	0.01	0.020	O	|	|	|	0.28
66.217	0.00	0.01	0.019	O	|	|	|	0.28
66.233	0.00	0.01	0.019	O	|	|	|	0.28
66.250	0.00	0.01	0.019	O	|	|	|	0.28

66.267	0.00	0.01	0.019	O	|	|	|	0.28
66.283	0.00	0.01	0.019	O	|	|	|	0.28
66.300	0.00	0.01	0.019	O	|	|	|	0.28
66.317	0.00	0.01	0.019	O	|	|	|	0.28
66.333	0.00	0.01	0.019	O	|	|	|	0.28
66.350	0.00	0.01	0.019	O	|	|	|	0.28
66.367	0.00	0.01	0.019	O	|	|	|	0.28
66.383	0.00	0.01	0.019	O	|	|	|	0.28
66.400	0.00	0.01	0.019	O	|	|	|	0.28
66.417	0.00	0.01	0.019	O	|	|	|	0.27
66.433	0.00	0.01	0.019	O	|	|	|	0.27
66.450	0.00	0.01	0.019	O	|	|	|	0.27
66.467	0.00	0.01	0.019	O	|	|	|	0.27
66.483	0.00	0.01	0.019	O	|	|	|	0.27
66.500	0.00	0.01	0.019	O	|	|	|	0.27
66.517	0.00	0.01	0.019	O	|	|	|	0.27
66.533	0.00	0.01	0.019	O	|	|	|	0.27
66.550	0.00	0.01	0.019	O	|	|	|	0.27
66.567	0.00	0.01	0.019	O	|	|	|	0.27
66.583	0.00	0.01	0.019	O	|	|	|	0.27
66.600	0.00	0.01	0.019	O	|	|	|	0.27
66.617	0.00	0.01	0.019	O	|	|	|	0.27
66.633	0.00	0.01	0.019	O	|	|	|	0.27
66.650	0.00	0.01	0.019	O	|	|	|	0.27
66.667	0.00	0.01	0.019	O	|	|	|	0.27
66.683	0.00	0.01	0.019	O	|	|	|	0.27
66.700	0.00	0.01	0.019	O	|	|	|	0.27
66.717	0.00	0.01	0.019	O	|	|	|	0.27
66.733	0.00	0.01	0.019	O	|	|	|	0.27
66.750	0.00	0.01	0.019	O	|	|	|	0.27
66.767	0.00	0.01	0.019	O	|	|	|	0.27
66.783	0.00	0.01	0.019	O	|	|	|	0.27
66.800	0.00	0.01	0.019	O	|	|	|	0.27
66.817	0.00	0.01	0.019	O	|	|	|	0.27
66.833	0.00	0.01	0.019	O	|	|	|	0.27
66.850	0.00	0.01	0.019	O	|	|	|	0.27
66.867	0.00	0.01	0.019	O	|	|	|	0.27
66.883	0.00	0.01	0.019	O	|	|	|	0.27
66.900	0.00	0.01	0.019	O	|	|	|	0.27
66.917	0.00	0.01	0.019	O	|	|	|	0.27
66.933	0.00	0.01	0.019	O	|	|	|	0.27
66.950	0.00	0.01	0.019	O	|	|	|	0.27
66.967	0.00	0.01	0.019	O	|	|	|	0.27
66.983	0.00	0.01	0.019	O	|	|	|	0.27
67.000	0.00	0.01	0.019	O	|	|	|	0.27
67.017	0.00	0.01	0.019	O	|	|	|	0.26
67.033	0.00	0.01	0.019	O	|	|	|	0.26
67.050	0.00	0.01	0.019	O	|	|	|	0.26
67.067	0.00	0.01	0.018	O	|	|	|	0.26
67.083	0.00	0.01	0.018	O	|	|	|	0.26

67.100	0.00	0.01	0.018	O				0.26
67.117	0.00	0.01	0.018	O				0.26
67.133	0.00	0.01	0.018	O				0.26
67.150	0.00	0.01	0.018	O				0.26
67.167	0.00	0.01	0.018	O				0.26
67.183	0.00	0.01	0.018	O				0.26
67.200	0.00	0.01	0.018	O				0.26
67.217	0.00	0.01	0.018	O				0.26
67.233	0.00	0.01	0.018	O				0.26
67.250	0.00	0.01	0.018	O				0.26
67.267	0.00	0.01	0.018	O				0.26
67.283	0.00	0.01	0.018	O				0.26
67.300	0.00	0.01	0.018	O				0.26
67.317	0.00	0.01	0.018	O				0.26
67.333	0.00	0.01	0.018	O				0.26
67.350	0.00	0.01	0.018	O				0.26
67.367	0.00	0.01	0.018	O				0.26
67.383	0.00	0.01	0.018	O				0.26
67.400	0.00	0.01	0.018	O				0.26
67.417	0.00	0.01	0.018	O				0.26
67.433	0.00	0.01	0.018	O				0.26
67.450	0.00	0.01	0.018	O				0.26
67.467	0.00	0.01	0.018	O				0.26
67.483	0.00	0.01	0.018	O				0.26
67.500	0.00	0.01	0.018	O				0.26
67.517	0.00	0.01	0.018	O				0.26
67.533	0.00	0.01	0.018	O				0.26
67.550	0.00	0.01	0.018	O				0.26
67.567	0.00	0.01	0.018	O				0.26
67.583	0.00	0.01	0.018	O				0.26
67.600	0.00	0.01	0.018	O				0.26
67.617	0.00	0.01	0.018	O				0.26
67.633	0.00	0.01	0.018	O				0.26
67.650	0.00	0.01	0.018	O				0.25
67.667	0.00	0.01	0.018	O				0.25
67.683	0.00	0.01	0.018	O				0.25
67.700	0.00	0.01	0.018	O				0.25
67.717	0.00	0.01	0.018	O				0.25
67.733	0.00	0.01	0.018	O				0.25
67.750	0.00	0.01	0.018	O				0.25
67.767	0.00	0.01	0.018	O				0.25
67.783	0.00	0.01	0.018	O				0.25
67.800	0.00	0.01	0.018	O				0.25
67.817	0.00	0.01	0.018	O				0.25
67.833	0.00	0.01	0.018	O				0.25
67.850	0.00	0.01	0.018	O				0.25
67.867	0.00	0.01	0.018	O				0.25
67.883	0.00	0.01	0.018	O				0.25
67.900	0.00	0.01	0.018	O				0.25
67.917	0.00	0.01	0.018	O				0.25

67.933	0.00	0.01	0.018	O	|	|	|	0.25
67.950	0.00	0.01	0.018	O	|	|	|	0.25
67.967	0.00	0.01	0.017	O	|	|	|	0.25
67.983	0.00	0.01	0.017	O	|	|	|	0.25
68.000	0.00	0.01	0.017	O	|	|	|	0.25
68.017	0.00	0.01	0.017	O	|	|	|	0.25
68.033	0.00	0.01	0.017	O	|	|	|	0.25
68.050	0.00	0.01	0.017	O	|	|	|	0.25
68.067	0.00	0.01	0.017	O	|	|	|	0.25
68.083	0.00	0.01	0.017	O	|	|	|	0.25
68.100	0.00	0.01	0.017	O	|	|	|	0.25
68.117	0.00	0.01	0.017	O	|	|	|	0.25
68.133	0.00	0.01	0.017	O	|	|	|	0.25
68.150	0.00	0.01	0.017	O	|	|	|	0.25
68.167	0.00	0.01	0.017	O	|	|	|	0.25
68.183	0.00	0.01	0.017	O	|	|	|	0.25
68.200	0.00	0.01	0.017	O	|	|	|	0.25
68.217	0.00	0.01	0.017	O	|	|	|	0.25
68.233	0.00	0.01	0.017	O	|	|	|	0.25
68.250	0.00	0.01	0.017	O	|	|	|	0.25
68.267	0.00	0.01	0.017	O	|	|	|	0.25
68.283	0.00	0.01	0.017	O	|	|	|	0.25
68.300	0.00	0.01	0.017	O	|	|	|	0.24
68.317	0.00	0.01	0.017	O	|	|	|	0.24
68.333	0.00	0.01	0.017	O	|	|	|	0.24
68.350	0.00	0.01	0.017	O	|	|	|	0.24
68.367	0.00	0.01	0.017	O	|	|	|	0.24
68.383	0.00	0.01	0.017	O	|	|	|	0.24
68.400	0.00	0.01	0.017	O	|	|	|	0.24
68.417	0.00	0.01	0.017	O	|	|	|	0.24
68.433	0.00	0.01	0.017	O	|	|	|	0.24
68.450	0.00	0.01	0.017	O	|	|	|	0.24
68.467	0.00	0.01	0.017	O	|	|	|	0.24
68.483	0.00	0.01	0.017	O	|	|	|	0.24
68.500	0.00	0.01	0.017	O	|	|	|	0.24
68.517	0.00	0.01	0.017	O	|	|	|	0.24
68.533	0.00	0.01	0.017	O	|	|	|	0.24
68.550	0.00	0.01	0.017	O	|	|	|	0.24
68.567	0.00	0.01	0.017	O	|	|	|	0.24
68.583	0.00	0.01	0.017	O	|	|	|	0.24
68.600	0.00	0.01	0.017	O	|	|	|	0.24
68.617	0.00	0.01	0.017	O	|	|	|	0.24
68.633	0.00	0.01	0.017	O	|	|	|	0.24
68.650	0.00	0.01	0.017	O	|	|	|	0.24
68.667	0.00	0.01	0.017	O	|	|	|	0.24
68.683	0.00	0.01	0.017	O	|	|	|	0.24
68.700	0.00	0.01	0.017	O	|	|	|	0.24
68.717	0.00	0.01	0.017	O	|	|	|	0.24
68.733	0.00	0.01	0.017	O	|	|	|	0.24
68.750	0.00	0.01	0.017	O	|	|	|	0.24

68.767	0.00	0.01	0.017	O	|	|	|	0.24
68.783	0.00	0.01	0.017	O	|	|	|	0.24
68.800	0.00	0.01	0.017	O	|	|	|	0.24
68.817	0.00	0.01	0.017	O	|	|	|	0.24
68.833	0.00	0.01	0.017	O	|	|	|	0.24
68.850	0.00	0.01	0.017	O	|	|	|	0.24
68.867	0.00	0.01	0.017	O	|	|	|	0.24
68.883	0.00	0.01	0.017	O	|	|	|	0.24
68.900	0.00	0.01	0.017	O	|	|	|	0.24
68.917	0.00	0.01	0.017	O	|	|	|	0.24
68.933	0.00	0.01	0.016	O	|	|	|	0.24
68.950	0.00	0.01	0.016	O	|	|	|	0.24
68.967	0.00	0.01	0.016	O	|	|	|	0.24
68.983	0.00	0.01	0.016	O	|	|	|	0.23
69.000	0.00	0.01	0.016	O	|	|	|	0.23
69.017	0.00	0.01	0.016	O	|	|	|	0.23
69.033	0.00	0.01	0.016	O	|	|	|	0.23
69.050	0.00	0.01	0.016	O	|	|	|	0.23
69.067	0.00	0.01	0.016	O	|	|	|	0.23
69.083	0.00	0.01	0.016	O	|	|	|	0.23
69.100	0.00	0.01	0.016	O	|	|	|	0.23
69.117	0.00	0.01	0.016	O	|	|	|	0.23
69.133	0.00	0.01	0.016	O	|	|	|	0.23
69.150	0.00	0.01	0.016	O	|	|	|	0.23
69.167	0.00	0.01	0.016	O	|	|	|	0.23
69.183	0.00	0.01	0.016	O	|	|	|	0.23
69.200	0.00	0.01	0.016	O	|	|	|	0.23
69.217	0.00	0.01	0.016	O	|	|	|	0.23
69.233	0.00	0.01	0.016	O	|	|	|	0.23
69.250	0.00	0.01	0.016	O	|	|	|	0.23
69.267	0.00	0.01	0.016	O	|	|	|	0.23
69.283	0.00	0.01	0.016	O	|	|	|	0.23
69.300	0.00	0.01	0.016	O	|	|	|	0.23
69.317	0.00	0.01	0.016	O	|	|	|	0.23
69.333	0.00	0.01	0.016	O	|	|	|	0.23
69.350	0.00	0.01	0.016	O	|	|	|	0.23
69.367	0.00	0.01	0.016	O	|	|	|	0.23
69.383	0.00	0.01	0.016	O	|	|	|	0.23
69.400	0.00	0.01	0.016	O	|	|	|	0.23
69.417	0.00	0.01	0.016	O	|	|	|	0.23
69.433	0.00	0.01	0.016	O	|	|	|	0.23
69.450	0.00	0.01	0.016	O	|	|	|	0.23
69.467	0.00	0.01	0.016	O	|	|	|	0.23
69.483	0.00	0.01	0.016	O	|	|	|	0.23
69.500	0.00	0.01	0.016	O	|	|	|	0.23
69.517	0.00	0.01	0.016	O	|	|	|	0.23
69.533	0.00	0.01	0.016	O	|	|	|	0.23
69.550	0.00	0.01	0.016	O	|	|	|	0.23
69.567	0.00	0.01	0.016	O	|	|	|	0.23
69.583	0.00	0.01	0.016	O	|	|	|	0.23

69.600	0.00	0.01	0.016	O	|	|	|	0.23
69.617	0.00	0.01	0.016	O	|	|	|	0.23
69.633	0.00	0.01	0.016	O	|	|	|	0.23
69.650	0.00	0.01	0.016	O	|	|	|	0.23
69.667	0.00	0.01	0.016	O	|	|	|	0.23
69.683	0.00	0.01	0.016	O	|	|	|	0.22
69.700	0.00	0.01	0.016	O	|	|	|	0.22
69.717	0.00	0.01	0.016	O	|	|	|	0.22
69.733	0.00	0.01	0.016	O	|	|	|	0.22
69.750	0.00	0.01	0.016	O	|	|	|	0.22
69.767	0.00	0.01	0.016	O	|	|	|	0.22
69.783	0.00	0.01	0.016	O	|	|	|	0.22
69.800	0.00	0.01	0.016	O	|	|	|	0.22
69.817	0.00	0.01	0.016	O	|	|	|	0.22
69.833	0.00	0.01	0.016	O	|	|	|	0.22
69.850	0.00	0.01	0.016	O	|	|	|	0.22
69.867	0.00	0.01	0.016	O	|	|	|	0.22
69.883	0.00	0.01	0.016	O	|	|	|	0.22
69.900	0.00	0.01	0.016	O	|	|	|	0.22
69.917	0.00	0.01	0.016	O	|	|	|	0.22
69.933	0.00	0.01	0.016	O	|	|	|	0.22
69.950	0.00	0.01	0.015	O	|	|	|	0.22
69.967	0.00	0.01	0.015	O	|	|	|	0.22
69.983	0.00	0.01	0.015	O	|	|	|	0.22
70.000	0.00	0.01	0.015	O	|	|	|	0.22
70.017	0.00	0.01	0.015	O	|	|	|	0.22
70.033	0.00	0.01	0.015	O	|	|	|	0.22
70.050	0.00	0.01	0.015	O	|	|	|	0.22
70.067	0.00	0.01	0.015	O	|	|	|	0.22
70.083	0.00	0.01	0.015	O	|	|	|	0.22
70.100	0.00	0.01	0.015	O	|	|	|	0.22
70.117	0.00	0.01	0.015	O	|	|	|	0.22
70.133	0.00	0.01	0.015	O	|	|	|	0.22
70.150	0.00	0.01	0.015	O	|	|	|	0.22
70.167	0.00	0.01	0.015	O	|	|	|	0.22
70.183	0.00	0.01	0.015	O	|	|	|	0.22
70.200	0.00	0.01	0.015	O	|	|	|	0.22
70.217	0.00	0.01	0.015	O	|	|	|	0.22
70.233	0.00	0.01	0.015	O	|	|	|	0.22
70.250	0.00	0.01	0.015	O	|	|	|	0.22
70.267	0.00	0.01	0.015	O	|	|	|	0.22
70.283	0.00	0.01	0.015	O	|	|	|	0.22
70.300	0.00	0.01	0.015	O	|	|	|	0.22
70.317	0.00	0.01	0.015	O	|	|	|	0.22
70.333	0.00	0.01	0.015	O	|	|	|	0.22
70.350	0.00	0.01	0.015	O	|	|	|	0.22
70.367	0.00	0.01	0.015	O	|	|	|	0.22
70.383	0.00	0.01	0.015	O	|	|	|	0.22
70.400	0.00	0.01	0.015	O	|	|	|	0.22
70.417	0.00	0.01	0.015	O	|	|	|	0.22

70.433	0.00	0.01	0.015	O	|	|	|	0.21
70.450	0.00	0.01	0.015	O	|	|	|	0.21
70.467	0.00	0.01	0.015	O	|	|	|	0.21
70.483	0.00	0.01	0.015	O	|	|	|	0.21
70.500	0.00	0.01	0.015	O	|	|	|	0.21
70.517	0.00	0.01	0.015	O	|	|	|	0.21
70.533	0.00	0.01	0.015	O	|	|	|	0.21
70.550	0.00	0.01	0.015	O	|	|	|	0.21
70.567	0.00	0.01	0.015	O	|	|	|	0.21
70.583	0.00	0.01	0.015	O	|	|	|	0.21
70.600	0.00	0.01	0.015	O	|	|	|	0.21
70.617	0.00	0.01	0.015	O	|	|	|	0.21
70.633	0.00	0.01	0.015	O	|	|	|	0.21
70.650	0.00	0.01	0.015	O	|	|	|	0.21
70.667	0.00	0.01	0.015	O	|	|	|	0.21
70.683	0.00	0.01	0.015	O	|	|	|	0.21
70.700	0.00	0.01	0.015	O	|	|	|	0.21
70.717	0.00	0.01	0.015	O	|	|	|	0.21
70.733	0.00	0.01	0.015	O	|	|	|	0.21
70.750	0.00	0.01	0.015	O	|	|	|	0.21
70.767	0.00	0.01	0.015	O	|	|	|	0.21
70.783	0.00	0.01	0.015	O	|	|	|	0.21
70.800	0.00	0.01	0.015	O	|	|	|	0.21
70.817	0.00	0.01	0.015	O	|	|	|	0.21
70.833	0.00	0.01	0.015	O	|	|	|	0.21
70.850	0.00	0.01	0.015	O	|	|	|	0.21
70.867	0.00	0.01	0.015	O	|	|	|	0.21
70.883	0.00	0.01	0.015	O	|	|	|	0.21
70.900	0.00	0.01	0.015	O	|	|	|	0.21
70.917	0.00	0.01	0.015	O	|	|	|	0.21
70.933	0.00	0.01	0.015	O	|	|	|	0.21
70.950	0.00	0.01	0.015	O	|	|	|	0.21
70.967	0.00	0.01	0.015	O	|	|	|	0.21
70.983	0.00	0.01	0.015	O	|	|	|	0.21
71.000	0.00	0.01	0.015	O	|	|	|	0.21
71.017	0.00	0.01	0.015	O	|	|	|	0.21
71.033	0.00	0.01	0.014	O	|	|	|	0.21
71.050	0.00	0.01	0.014	O	|	|	|	0.21
71.067	0.00	0.01	0.014	O	|	|	|	0.21
71.083	0.00	0.01	0.014	O	|	|	|	0.21
71.100	0.00	0.01	0.014	O	|	|	|	0.21
71.117	0.00	0.01	0.014	O	|	|	|	0.21
71.133	0.00	0.01	0.014	O	|	|	|	0.21
71.150	0.00	0.01	0.014	O	|	|	|	0.21
71.167	0.00	0.01	0.014	O	|	|	|	0.21
71.183	0.00	0.01	0.014	O	|	|	|	0.21
71.200	0.00	0.01	0.014	O	|	|	|	0.20
71.217	0.00	0.01	0.014	O	|	|	|	0.20
71.233	0.00	0.01	0.014	O	|	|	|	0.20
71.250	0.00	0.01	0.014	O	|	|	|	0.20

71.267	0.00	0.01	0.014	O	|	|	|	0.20
71.283	0.00	0.01	0.014	O	|	|	|	0.20
71.300	0.00	0.01	0.014	O	|	|	|	0.20
71.317	0.00	0.01	0.014	O	|	|	|	0.20
71.333	0.00	0.01	0.014	O	|	|	|	0.20
71.350	0.00	0.01	0.014	O	|	|	|	0.20
71.367	0.00	0.01	0.014	O	|	|	|	0.20
71.383	0.00	0.01	0.014	O	|	|	|	0.20
71.400	0.00	0.01	0.014	O	|	|	|	0.20
71.417	0.00	0.01	0.014	O	|	|	|	0.20
71.433	0.00	0.01	0.014	O	|	|	|	0.20
71.450	0.00	0.01	0.014	O	|	|	|	0.20
71.467	0.00	0.01	0.014	O	|	|	|	0.20
71.483	0.00	0.01	0.014	O	|	|	|	0.20
71.500	0.00	0.01	0.014	O	|	|	|	0.20
71.517	0.00	0.01	0.014	O	|	|	|	0.20
71.533	0.00	0.01	0.014	O	|	|	|	0.20
71.550	0.00	0.01	0.014	O	|	|	|	0.20
71.567	0.00	0.01	0.014	O	|	|	|	0.20
71.583	0.00	0.01	0.014	O	|	|	|	0.20
71.600	0.00	0.01	0.014	O	|	|	|	0.20
71.617	0.00	0.01	0.014	O	|	|	|	0.20
71.633	0.00	0.01	0.014	O	|	|	|	0.20
71.650	0.00	0.01	0.014	O	|	|	|	0.20
71.667	0.00	0.01	0.014	O	|	|	|	0.20
71.683	0.00	0.01	0.014	O	|	|	|	0.20
71.700	0.00	0.01	0.014	O	|	|	|	0.20
71.717	0.00	0.01	0.014	O	|	|	|	0.20
71.733	0.00	0.01	0.014	O	|	|	|	0.20
71.750	0.00	0.01	0.014	O	|	|	|	0.20
71.767	0.00	0.01	0.014	O	|	|	|	0.20
71.783	0.00	0.01	0.014	O	|	|	|	0.20
71.800	0.00	0.01	0.014	O	|	|	|	0.20
71.817	0.00	0.01	0.014	O	|	|	|	0.20
71.833	0.00	0.01	0.014	O	|	|	|	0.20
71.850	0.00	0.01	0.014	O	|	|	|	0.20
71.867	0.00	0.01	0.014	O	|	|	|	0.20
71.883	0.00	0.01	0.014	O	|	|	|	0.20
71.900	0.00	0.01	0.014	O	|	|	|	0.20
71.917	0.00	0.01	0.014	O	|	|	|	0.20
71.933	0.00	0.01	0.014	O	|	|	|	0.20
71.950	0.00	0.01	0.014	O	|	|	|	0.20
71.967	0.00	0.01	0.014	O	|	|	|	0.20
71.983	0.00	0.01	0.014	O	|	|	|	0.20
72.000	0.00	0.01	0.014	O	|	|	|	0.20
72.017	0.00	0.01	0.014	O	|	|	|	0.19
72.033	0.00	0.01	0.014	O	|	|	|	0.19
72.050	0.00	0.01	0.014	O	|	|	|	0.19
72.067	0.00	0.01	0.014	O	|	|	|	0.19
72.083	0.00	0.01	0.014	O	|	|	|	0.19

72.100	0.00	0.01	0.014	O	|	|	|	0.19
72.117	0.00	0.01	0.014	O	|	|	|	0.19
72.133	0.00	0.01	0.014	O	|	|	|	0.19
72.150	0.00	0.01	0.014	O	|	|	|	0.19
72.167	0.00	0.01	0.014	O	|	|	|	0.19
72.183	0.00	0.01	0.014	O	|	|	|	0.19
72.200	0.00	0.01	0.013	O	|	|	|	0.19
72.217	0.00	0.01	0.013	O	|	|	|	0.19
72.233	0.00	0.01	0.013	O	|	|	|	0.19
72.250	0.00	0.01	0.013	O	|	|	|	0.19
72.267	0.00	0.01	0.013	O	|	|	|	0.19
72.283	0.00	0.01	0.013	O	|	|	|	0.19
72.300	0.00	0.01	0.013	O	|	|	|	0.19
72.317	0.00	0.01	0.013	O	|	|	|	0.19
72.333	0.00	0.01	0.013	O	|	|	|	0.19
72.350	0.00	0.01	0.013	O	|	|	|	0.19
72.367	0.00	0.01	0.013	O	|	|	|	0.19
72.383	0.00	0.01	0.013	O	|	|	|	0.19
72.400	0.00	0.01	0.013	O	|	|	|	0.19
72.417	0.00	0.01	0.013	O	|	|	|	0.19
72.433	0.00	0.01	0.013	O	|	|	|	0.19
72.450	0.00	0.01	0.013	O	|	|	|	0.19
72.467	0.00	0.01	0.013	O	|	|	|	0.19
72.483	0.00	0.01	0.013	O	|	|	|	0.19
72.500	0.00	0.01	0.013	O	|	|	|	0.19
72.517	0.00	0.01	0.013	O	|	|	|	0.19
72.533	0.00	0.01	0.013	O	|	|	|	0.19
72.550	0.00	0.01	0.013	O	|	|	|	0.19
72.567	0.00	0.01	0.013	O	|	|	|	0.19
72.583	0.00	0.01	0.013	O	|	|	|	0.19
72.600	0.00	0.01	0.013	O	|	|	|	0.19
72.617	0.00	0.01	0.013	O	|	|	|	0.19
72.633	0.00	0.01	0.013	O	|	|	|	0.19
72.650	0.00	0.01	0.013	O	|	|	|	0.19
72.667	0.00	0.01	0.013	O	|	|	|	0.19
72.683	0.00	0.01	0.013	O	|	|	|	0.19
72.700	0.00	0.01	0.013	O	|	|	|	0.19
72.717	0.00	0.01	0.013	O	|	|	|	0.19
72.733	0.00	0.01	0.013	O	|	|	|	0.19
72.750	0.00	0.01	0.013	O	|	|	|	0.19
72.767	0.00	0.01	0.013	O	|	|	|	0.19
72.783	0.00	0.01	0.013	O	|	|	|	0.19
72.800	0.00	0.01	0.013	O	|	|	|	0.19
72.817	0.00	0.01	0.013	O	|	|	|	0.19
72.833	0.00	0.01	0.013	O	|	|	|	0.19
72.850	0.00	0.01	0.013	O	|	|	|	0.19
72.867	0.00	0.01	0.013	O	|	|	|	0.19
72.883	0.00	0.01	0.013	O	|	|	|	0.18
72.900	0.00	0.01	0.013	O	|	|	|	0.18
72.917	0.00	0.01	0.013	O	|	|	|	0.18

72.933	0.00	0.01	0.013	O	|	|	|	0.18
72.950	0.00	0.01	0.013	O	|	|	|	0.18
72.967	0.00	0.01	0.013	O	|	|	|	0.18
72.983	0.00	0.01	0.013	O	|	|	|	0.18
73.000	0.00	0.01	0.013	O	|	|	|	0.18
73.017	0.00	0.01	0.013	O	|	|	|	0.18
73.033	0.00	0.01	0.013	O	|	|	|	0.18
73.050	0.00	0.01	0.013	O	|	|	|	0.18
73.067	0.00	0.01	0.013	O	|	|	|	0.18
73.083	0.00	0.01	0.013	O	|	|	|	0.18
73.100	0.00	0.01	0.013	O	|	|	|	0.18
73.117	0.00	0.01	0.013	O	|	|	|	0.18
73.133	0.00	0.01	0.013	O	|	|	|	0.18
73.150	0.00	0.01	0.013	O	|	|	|	0.18
73.167	0.00	0.01	0.013	O	|	|	|	0.18
73.183	0.00	0.01	0.013	O	|	|	|	0.18
73.200	0.00	0.01	0.013	O	|	|	|	0.18
73.217	0.00	0.01	0.013	O	|	|	|	0.18
73.233	0.00	0.01	0.013	O	|	|	|	0.18
73.250	0.00	0.01	0.013	O	|	|	|	0.18
73.267	0.00	0.01	0.013	O	|	|	|	0.18
73.283	0.00	0.01	0.013	O	|	|	|	0.18
73.300	0.00	0.01	0.013	O	|	|	|	0.18
73.317	0.00	0.01	0.013	O	|	|	|	0.18
73.333	0.00	0.01	0.013	O	|	|	|	0.18
73.350	0.00	0.01	0.013	O	|	|	|	0.18
73.367	0.00	0.01	0.013	O	|	|	|	0.18
73.383	0.00	0.01	0.013	O	|	|	|	0.18
73.400	0.00	0.01	0.013	O	|	|	|	0.18
73.417	0.00	0.01	0.013	O	|	|	|	0.18
73.433	0.00	0.01	0.013	O	|	|	|	0.18
73.450	0.00	0.01	0.012	O	|	|	|	0.18
73.467	0.00	0.01	0.012	O	|	|	|	0.18
73.483	0.00	0.01	0.012	O	|	|	|	0.18
73.500	0.00	0.01	0.012	O	|	|	|	0.18
73.517	0.00	0.01	0.012	O	|	|	|	0.18
73.533	0.00	0.01	0.012	O	|	|	|	0.18
73.550	0.00	0.01	0.012	O	|	|	|	0.18
73.567	0.00	0.01	0.012	O	|	|	|	0.18
73.583	0.00	0.01	0.012	O	|	|	|	0.18
73.600	0.00	0.01	0.012	O	|	|	|	0.18
73.617	0.00	0.01	0.012	O	|	|	|	0.18
73.633	0.00	0.01	0.012	O	|	|	|	0.18
73.650	0.00	0.01	0.012	O	|	|	|	0.18
73.667	0.00	0.01	0.012	O	|	|	|	0.18
73.683	0.00	0.01	0.012	O	|	|	|	0.18
73.700	0.00	0.01	0.012	O	|	|	|	0.18
73.717	0.00	0.01	0.012	O	|	|	|	0.18
73.733	0.00	0.01	0.012	O	|	|	|	0.18
73.750	0.00	0.01	0.012	O	|	|	|	0.18

73.767	0.00	0.01	0.012	O	|	|	|	0.18
73.783	0.00	0.01	0.012	O	|	|	|	0.17
73.800	0.00	0.01	0.012	O	|	|	|	0.17
73.817	0.00	0.01	0.012	O	|	|	|	0.17
73.833	0.00	0.01	0.012	O	|	|	|	0.17
73.850	0.00	0.01	0.012	O	|	|	|	0.17
73.867	0.00	0.01	0.012	O	|	|	|	0.17
73.883	0.00	0.01	0.012	O	|	|	|	0.17
73.900	0.00	0.01	0.012	O	|	|	|	0.17
73.917	0.00	0.01	0.012	O	|	|	|	0.17
73.933	0.00	0.01	0.012	O	|	|	|	0.17
73.950	0.00	0.01	0.012	O	|	|	|	0.17
73.967	0.00	0.01	0.012	O	|	|	|	0.17
73.983	0.00	0.01	0.012	O	|	|	|	0.17
74.000	0.00	0.01	0.012	O	|	|	|	0.17
74.017	0.00	0.01	0.012	O	|	|	|	0.17
74.033	0.00	0.01	0.012	O	|	|	|	0.17
74.050	0.00	0.01	0.012	O	|	|	|	0.17
74.067	0.00	0.01	0.012	O	|	|	|	0.17
74.083	0.00	0.01	0.012	O	|	|	|	0.17
74.100	0.00	0.01	0.012	O	|	|	|	0.17
74.117	0.00	0.01	0.012	O	|	|	|	0.17
74.133	0.00	0.01	0.012	O	|	|	|	0.17
74.150	0.00	0.01	0.012	O	|	|	|	0.17
74.167	0.00	0.01	0.012	O	|	|	|	0.17
74.183	0.00	0.01	0.012	O	|	|	|	0.17
74.200	0.00	0.01	0.012	O	|	|	|	0.17
74.217	0.00	0.01	0.012	O	|	|	|	0.17
74.233	0.00	0.01	0.012	O	|	|	|	0.17
74.250	0.00	0.01	0.012	O	|	|	|	0.17
74.267	0.00	0.01	0.012	O	|	|	|	0.17
74.283	0.00	0.01	0.012	O	|	|	|	0.17
74.300	0.00	0.01	0.012	O	|	|	|	0.17
74.317	0.00	0.01	0.012	O	|	|	|	0.17
74.333	0.00	0.01	0.012	O	|	|	|	0.17
74.350	0.00	0.01	0.012	O	|	|	|	0.17
74.367	0.00	0.01	0.012	O	|	|	|	0.17
74.383	0.00	0.01	0.012	O	|	|	|	0.17
74.400	0.00	0.01	0.012	O	|	|	|	0.17
74.417	0.00	0.01	0.012	O	|	|	|	0.17
74.433	0.00	0.01	0.012	O	|	|	|	0.17
74.450	0.00	0.01	0.012	O	|	|	|	0.17
74.467	0.00	0.01	0.012	O	|	|	|	0.17
74.483	0.00	0.01	0.012	O	|	|	|	0.17
74.500	0.00	0.01	0.012	O	|	|	|	0.17
74.517	0.00	0.01	0.012	O	|	|	|	0.17
74.533	0.00	0.01	0.012	O	|	|	|	0.17
74.550	0.00	0.01	0.012	O	|	|	|	0.17
74.567	0.00	0.01	0.012	O	|	|	|	0.17
74.583	0.00	0.01	0.012	O	|	|	|	0.17

74.600	0.00	0.01	0.012	O	|	|	|	0.17
74.617	0.00	0.01	0.012	O	|	|	|	0.17
74.633	0.00	0.01	0.012	O	|	|	|	0.17
74.650	0.00	0.01	0.012	O	|	|	|	0.17
74.667	0.00	0.01	0.012	O	|	|	|	0.17
74.683	0.00	0.01	0.012	O	|	|	|	0.17
74.700	0.00	0.01	0.012	O	|	|	|	0.17
74.717	0.00	0.01	0.012	O	|	|	|	0.17
74.733	0.00	0.01	0.012	O	|	|	|	0.16
74.750	0.00	0.01	0.012	O	|	|	|	0.16
74.767	0.00	0.01	0.012	O	|	|	|	0.16
74.783	0.00	0.01	0.012	O	|	|	|	0.16
74.800	0.00	0.01	0.012	O	|	|	|	0.16
74.817	0.00	0.01	0.011	O	|	|	|	0.16
74.833	0.00	0.01	0.011	O	|	|	|	0.16
74.850	0.00	0.01	0.011	O	|	|	|	0.16
74.867	0.00	0.01	0.011	O	|	|	|	0.16
74.883	0.00	0.01	0.011	O	|	|	|	0.16
74.900	0.00	0.01	0.011	O	|	|	|	0.16
74.917	0.00	0.01	0.011	O	|	|	|	0.16
74.933	0.00	0.01	0.011	O	|	|	|	0.16
74.950	0.00	0.01	0.011	O	|	|	|	0.16
74.967	0.00	0.01	0.011	O	|	|	|	0.16
74.983	0.00	0.01	0.011	O	|	|	|	0.16
75.000	0.00	0.01	0.011	O	|	|	|	0.16
75.017	0.00	0.01	0.011	O	|	|	|	0.16
75.033	0.00	0.01	0.011	O	|	|	|	0.16
75.050	0.00	0.01	0.011	O	|	|	|	0.16
75.067	0.00	0.01	0.011	O	|	|	|	0.16
75.083	0.00	0.01	0.011	O	|	|	|	0.16
75.100	0.00	0.01	0.011	O	|	|	|	0.16
75.117	0.00	0.01	0.011	O	|	|	|	0.16
75.133	0.00	0.01	0.011	O	|	|	|	0.16
75.150	0.00	0.01	0.011	O	|	|	|	0.16
75.167	0.00	0.01	0.011	O	|	|	|	0.16
75.183	0.00	0.01	0.011	O	|	|	|	0.16
75.200	0.00	0.01	0.011	O	|	|	|	0.16
75.217	0.00	0.01	0.011	O	|	|	|	0.16
75.233	0.00	0.01	0.011	O	|	|	|	0.16
75.250	0.00	0.01	0.011	O	|	|	|	0.16
75.267	0.00	0.01	0.011	O	|	|	|	0.16
75.283	0.00	0.01	0.011	O	|	|	|	0.16
75.300	0.00	0.01	0.011	O	|	|	|	0.16
75.317	0.00	0.01	0.011	O	|	|	|	0.16
75.333	0.00	0.01	0.011	O	|	|	|	0.16
75.350	0.00	0.01	0.011	O	|	|	|	0.16
75.367	0.00	0.01	0.011	O	|	|	|	0.16
75.383	0.00	0.01	0.011	O	|	|	|	0.16
75.400	0.00	0.01	0.011	O	|	|	|	0.16
75.417	0.00	0.01	0.011	O	|	|	|	0.16

75.433	0.00	0.01	0.011	O	|	|	|	0.16
75.450	0.00	0.01	0.011	O	|	|	|	0.16
75.467	0.00	0.01	0.011	O	|	|	|	0.16
75.483	0.00	0.01	0.011	O	|	|	|	0.16
75.500	0.00	0.01	0.011	O	|	|	|	0.16
75.517	0.00	0.01	0.011	O	|	|	|	0.16
75.533	0.00	0.01	0.011	O	|	|	|	0.16
75.550	0.00	0.01	0.011	O	|	|	|	0.16
75.567	0.00	0.01	0.011	O	|	|	|	0.16
75.583	0.00	0.01	0.011	O	|	|	|	0.16
75.600	0.00	0.01	0.011	O	|	|	|	0.16
75.617	0.00	0.01	0.011	O	|	|	|	0.16
75.633	0.00	0.01	0.011	O	|	|	|	0.16
75.650	0.00	0.01	0.011	O	|	|	|	0.16
75.667	0.00	0.01	0.011	O	|	|	|	0.16
75.683	0.00	0.01	0.011	O	|	|	|	0.16
75.700	0.00	0.01	0.011	O	|	|	|	0.16
75.717	0.00	0.01	0.011	O	|	|	|	0.16
75.733	0.00	0.01	0.011	O	|	|	|	0.16
75.750	0.00	0.01	0.011	O	|	|	|	0.15
75.767	0.00	0.01	0.011	O	|	|	|	0.15
75.783	0.00	0.01	0.011	O	|	|	|	0.15
75.800	0.00	0.01	0.011	O	|	|	|	0.15
75.817	0.00	0.01	0.011	O	|	|	|	0.15
75.833	0.00	0.01	0.011	O	|	|	|	0.15
75.850	0.00	0.01	0.011	O	|	|	|	0.15
75.867	0.00	0.01	0.011	O	|	|	|	0.15
75.883	0.00	0.01	0.011	O	|	|	|	0.15
75.900	0.00	0.01	0.011	O	|	|	|	0.15
75.917	0.00	0.01	0.011	O	|	|	|	0.15
75.933	0.00	0.01	0.011	O	|	|	|	0.15
75.950	0.00	0.01	0.011	O	|	|	|	0.15
75.967	0.00	0.01	0.011	O	|	|	|	0.15
75.983	0.00	0.01	0.011	O	|	|	|	0.15
76.000	0.00	0.01	0.011	O	|	|	|	0.15
76.017	0.00	0.01	0.011	O	|	|	|	0.15
76.033	0.00	0.01	0.011	O	|	|	|	0.15
76.050	0.00	0.01	0.011	O	|	|	|	0.15
76.067	0.00	0.01	0.011	O	|	|	|	0.15
76.083	0.00	0.01	0.011	O	|	|	|	0.15
76.100	0.00	0.01	0.011	O	|	|	|	0.15
76.117	0.00	0.01	0.011	O	|	|	|	0.15
76.133	0.00	0.01	0.011	O	|	|	|	0.15
76.150	0.00	0.01	0.011	O	|	|	|	0.15
76.167	0.00	0.01	0.011	O	|	|	|	0.15
76.183	0.00	0.01	0.011	O	|	|	|	0.15
76.200	0.00	0.01	0.011	O	|	|	|	0.15
76.217	0.00	0.01	0.011	O	|	|	|	0.15
76.233	0.00	0.01	0.011	O	|	|	|	0.15
76.250	0.00	0.01	0.011	O	|	|	|	0.15

76.267	0.00	0.01	0.011	O	|	|	|	0.15
76.283	0.00	0.01	0.011	O	|	|	|	0.15
76.300	0.00	0.01	0.010	O	|	|	|	0.15
76.317	0.00	0.01	0.010	O	|	|	|	0.15
76.333	0.00	0.01	0.010	O	|	|	|	0.15
76.350	0.00	0.01	0.010	O	|	|	|	0.15
76.367	0.00	0.01	0.010	O	|	|	|	0.15
76.383	0.00	0.01	0.010	O	|	|	|	0.15
76.400	0.00	0.01	0.010	O	|	|	|	0.15
76.417	0.00	0.01	0.010	O	|	|	|	0.15
76.433	0.00	0.01	0.010	O	|	|	|	0.15
76.450	0.00	0.01	0.010	O	|	|	|	0.15
76.467	0.00	0.01	0.010	O	|	|	|	0.15
76.483	0.00	0.01	0.010	O	|	|	|	0.15
76.500	0.00	0.01	0.010	O	|	|	|	0.15
76.517	0.00	0.01	0.010	O	|	|	|	0.15
76.533	0.00	0.01	0.010	O	|	|	|	0.15
76.550	0.00	0.01	0.010	O	|	|	|	0.15
76.567	0.00	0.01	0.010	O	|	|	|	0.15
76.583	0.00	0.01	0.010	O	|	|	|	0.15
76.600	0.00	0.01	0.010	O	|	|	|	0.15
76.617	0.00	0.01	0.010	O	|	|	|	0.15
76.633	0.00	0.01	0.010	O	|	|	|	0.15
76.650	0.00	0.01	0.010	O	|	|	|	0.15
76.667	0.00	0.01	0.010	O	|	|	|	0.15
76.683	0.00	0.01	0.010	O	|	|	|	0.15
76.700	0.00	0.01	0.010	O	|	|	|	0.15
76.717	0.00	0.01	0.010	O	|	|	|	0.15
76.733	0.00	0.01	0.010	O	|	|	|	0.15
76.750	0.00	0.01	0.010	O	|	|	|	0.15
76.767	0.00	0.01	0.010	O	|	|	|	0.15
76.783	0.00	0.01	0.010	O	|	|	|	0.15
76.800	0.00	0.01	0.010	O	|	|	|	0.15
76.817	0.00	0.01	0.010	O	|	|	|	0.15
76.833	0.00	0.01	0.010	O	|	|	|	0.15
76.850	0.00	0.01	0.010	O	|	|	|	0.14
76.867	0.00	0.01	0.010	O	|	|	|	0.14
76.883	0.00	0.01	0.010	O	|	|	|	0.14
76.900	0.00	0.01	0.010	O	|	|	|	0.14
76.917	0.00	0.01	0.010	O	|	|	|	0.14
76.933	0.00	0.01	0.010	O	|	|	|	0.14
76.950	0.00	0.01	0.010	O	|	|	|	0.14
76.967	0.00	0.01	0.010	O	|	|	|	0.14
76.983	0.00	0.01	0.010	O	|	|	|	0.14
77.000	0.00	0.01	0.010	O	|	|	|	0.14
77.017	0.00	0.01	0.010	O	|	|	|	0.14
77.033	0.00	0.01	0.010	O	|	|	|	0.14
77.050	0.00	0.01	0.010	O	|	|	|	0.14
77.067	0.00	0.01	0.010	O	|	|	|	0.14
77.083	0.00	0.01	0.010	O	|	|	|	0.14

77.100	0.00	0.01	0.010	O	|	|	|	0.14
77.117	0.00	0.01	0.010	O	|	|	|	0.14
77.133	0.00	0.01	0.010	O	|	|	|	0.14
77.150	0.00	0.01	0.010	O	|	|	|	0.14
77.167	0.00	0.01	0.010	O	|	|	|	0.14
77.183	0.00	0.01	0.010	O	|	|	|	0.14
77.200	0.00	0.01	0.010	O	|	|	|	0.14
77.217	0.00	0.01	0.010	O	|	|	|	0.14
77.233	0.00	0.01	0.010	O	|	|	|	0.14
77.250	0.00	0.01	0.010	O	|	|	|	0.14
77.267	0.00	0.01	0.010	O	|	|	|	0.14
77.283	0.00	0.01	0.010	O	|	|	|	0.14
77.300	0.00	0.01	0.010	O	|	|	|	0.14
77.317	0.00	0.01	0.010	O	|	|	|	0.14
77.333	0.00	0.01	0.010	O	|	|	|	0.14
77.350	0.00	0.01	0.010	O	|	|	|	0.14
77.367	0.00	0.01	0.010	O	|	|	|	0.14
77.383	0.00	0.01	0.010	O	|	|	|	0.14
77.400	0.00	0.01	0.010	O	|	|	|	0.14
77.417	0.00	0.01	0.010	O	|	|	|	0.14
77.433	0.00	0.01	0.010	O	|	|	|	0.14
77.450	0.00	0.01	0.010	O	|	|	|	0.14
77.467	0.00	0.01	0.010	O	|	|	|	0.14
77.483	0.00	0.01	0.010	O	|	|	|	0.14
77.500	0.00	0.01	0.010	O	|	|	|	0.14
77.517	0.00	0.01	0.010	O	|	|	|	0.14
77.533	0.00	0.01	0.010	O	|	|	|	0.14
77.550	0.00	0.01	0.010	O	|	|	|	0.14
77.567	0.00	0.01	0.010	O	|	|	|	0.14
77.583	0.00	0.01	0.010	O	|	|	|	0.14
77.600	0.00	0.01	0.010	O	|	|	|	0.14
77.617	0.00	0.01	0.010	O	|	|	|	0.14
77.633	0.00	0.01	0.010	O	|	|	|	0.14
77.650	0.00	0.01	0.010	O	|	|	|	0.14
77.667	0.00	0.01	0.010	O	|	|	|	0.14
77.683	0.00	0.01	0.010	O	|	|	|	0.14
77.700	0.00	0.01	0.010	O	|	|	|	0.14
77.717	0.00	0.01	0.010	O	|	|	|	0.14
77.733	0.00	0.01	0.010	O	|	|	|	0.14
77.750	0.00	0.01	0.010	O	|	|	|	0.14
77.767	0.00	0.01	0.010	O	|	|	|	0.14
77.783	0.00	0.01	0.010	O	|	|	|	0.14
77.800	0.00	0.01	0.010	O	|	|	|	0.14
77.817	0.00	0.01	0.010	O	|	|	|	0.14
77.833	0.00	0.01	0.010	O	|	|	|	0.14
77.850	0.00	0.01	0.010	O	|	|	|	0.14
77.867	0.00	0.01	0.010	O	|	|	|	0.14
77.883	0.00	0.01	0.010	O	|	|	|	0.14
77.900	0.00	0.01	0.010	O	|	|	|	0.14
77.917	0.00	0.01	0.009	O	|	|	|	0.14

77.933	0.00	0.01	0.009	O	|	|	|	|	0.14
77.950	0.00	0.01	0.009	O	|	|	|	|	0.14
77.967	0.00	0.01	0.009	O	|	|	|	|	0.14
77.983	0.00	0.01	0.009	O	|	|	|	|	0.14
78.000	0.00	0.01	0.009	O	|	|	|	|	0.13
78.017	0.00	0.01	0.009	O	|	|	|	|	0.13
78.033	0.00	0.01	0.009	O	|	|	|	|	0.13
78.050	0.00	0.01	0.009	O	|	|	|	|	0.13
78.067	0.00	0.01	0.009	O	|	|	|	|	0.13
78.083	0.00	0.01	0.009	O	|	|	|	|	0.13
78.100	0.00	0.01	0.009	O	|	|	|	|	0.13
78.117	0.00	0.01	0.009	O	|	|	|	|	0.13
78.133	0.00	0.01	0.009	O	|	|	|	|	0.13
78.150	0.00	0.01	0.009	O	|	|	|	|	0.13
78.167	0.00	0.01	0.009	O	|	|	|	|	0.13
78.183	0.00	0.01	0.009	O	|	|	|	|	0.13
78.200	0.00	0.01	0.009	O	|	|	|	|	0.13
78.217	0.00	0.01	0.009	O	|	|	|	|	0.13
78.233	0.00	0.01	0.009	O	|	|	|	|	0.13
78.250	0.00	0.01	0.009	O	|	|	|	|	0.13
78.267	0.00	0.01	0.009	O	|	|	|	|	0.13
78.283	0.00	0.01	0.009	O	|	|	|	|	0.13
78.300	0.00	0.01	0.009	O	|	|	|	|	0.13
78.317	0.00	0.01	0.009	O	|	|	|	|	0.13
78.333	0.00	0.01	0.009	O	|	|	|	|	0.13
78.350	0.00	0.01	0.009	O	|	|	|	|	0.13
78.367	0.00	0.01	0.009	O	|	|	|	|	0.13
78.383	0.00	0.01	0.009	O	|	|	|	|	0.13
78.400	0.00	0.01	0.009	O	|	|	|	|	0.13
78.417	0.00	0.01	0.009	O	|	|	|	|	0.13
78.433	0.00	0.01	0.009	O	|	|	|	|	0.13
78.450	0.00	0.01	0.009	O	|	|	|	|	0.13
78.467	0.00	0.01	0.009	O	|	|	|	|	0.13
78.483	0.00	0.01	0.009	O	|	|	|	|	0.13
78.500	0.00	0.01	0.009	O	|	|	|	|	0.13
78.517	0.00	0.01	0.009	O	|	|	|	|	0.13
78.533	0.00	0.01	0.009	O	|	|	|	|	0.13
78.550	0.00	0.01	0.009	O	|	|	|	|	0.13
78.567	0.00	0.01	0.009	O	|	|	|	|	0.13
78.583	0.00	0.01	0.009	O	|	|	|	|	0.13
78.600	0.00	0.01	0.009	O	|	|	|	|	0.13
78.617	0.00	0.01	0.009	O	|	|	|	|	0.13
78.633	0.00	0.01	0.009	O	|	|	|	|	0.13
78.650	0.00	0.01	0.009	O	|	|	|	|	0.13
78.667	0.00	0.01	0.009	O	|	|	|	|	0.13
78.683	0.00	0.01	0.009	O	|	|	|	|	0.13
78.700	0.00	0.01	0.009	O	|	|	|	|	0.13
78.717	0.00	0.01	0.009	O	|	|	|	|	0.13
78.733	0.00	0.01	0.009	O	|	|	|	|	0.13
78.750	0.00	0.01	0.009	O	|	|	|	|	0.13

78.767	0.00	0.01	0.009	O	|	|	|	0.13
78.783	0.00	0.01	0.009	O	|	|	|	0.13
78.800	0.00	0.01	0.009	O	|	|	|	0.13
78.817	0.00	0.01	0.009	O	|	|	|	0.13
78.833	0.00	0.01	0.009	O	|	|	|	0.13
78.850	0.00	0.01	0.009	O	|	|	|	0.13
78.867	0.00	0.01	0.009	O	|	|	|	0.13
78.883	0.00	0.01	0.009	O	|	|	|	0.13
78.900	0.00	0.01	0.009	O	|	|	|	0.13
78.917	0.00	0.01	0.009	O	|	|	|	0.13
78.933	0.00	0.01	0.009	O	|	|	|	0.13
78.950	0.00	0.01	0.009	O	|	|	|	0.13
78.967	0.00	0.01	0.009	O	|	|	|	0.13
78.983	0.00	0.01	0.009	O	|	|	|	0.13
79.000	0.00	0.01	0.009	O	|	|	|	0.13
79.017	0.00	0.01	0.009	O	|	|	|	0.13
79.033	0.00	0.01	0.009	O	|	|	|	0.13
79.050	0.00	0.01	0.009	O	|	|	|	0.13
79.067	0.00	0.01	0.009	O	|	|	|	0.13
79.083	0.00	0.01	0.009	O	|	|	|	0.13
79.100	0.00	0.01	0.009	O	|	|	|	0.13
79.117	0.00	0.01	0.009	O	|	|	|	0.13
79.133	0.00	0.01	0.009	O	|	|	|	0.13
79.150	0.00	0.01	0.009	O	|	|	|	0.13
79.167	0.00	0.01	0.009	O	|	|	|	0.13
79.183	0.00	0.01	0.009	O	|	|	|	0.13
79.200	0.00	0.01	0.009	O	|	|	|	0.13
79.217	0.00	0.01	0.009	O	|	|	|	0.13
79.233	0.00	0.01	0.009	O	|	|	|	0.13
79.250	0.00	0.01	0.009	O	|	|	|	0.13
79.267	0.00	0.01	0.009	O	|	|	|	0.12
79.283	0.00	0.01	0.009	O	|	|	|	0.12
79.300	0.00	0.01	0.009	O	|	|	|	0.12
79.317	0.00	0.01	0.009	O	|	|	|	0.12
79.333	0.00	0.01	0.009	O	|	|	|	0.12
79.350	0.00	0.01	0.009	O	|	|	|	0.12
79.367	0.00	0.01	0.009	O	|	|	|	0.12
79.383	0.00	0.01	0.009	O	|	|	|	0.12
79.400	0.00	0.01	0.009	O	|	|	|	0.12
79.417	0.00	0.01	0.009	O	|	|	|	0.12
79.433	0.00	0.01	0.009	O	|	|	|	0.12
79.450	0.00	0.01	0.009	O	|	|	|	0.12
79.467	0.00	0.01	0.009	O	|	|	|	0.12
79.483	0.00	0.01	0.009	O	|	|	|	0.12
79.500	0.00	0.01	0.009	O	|	|	|	0.12
79.517	0.00	0.01	0.009	O	|	|	|	0.12
79.533	0.00	0.01	0.009	O	|	|	|	0.12
79.550	0.00	0.01	0.009	O	|	|	|	0.12
79.567	0.00	0.01	0.009	O	|	|	|	0.12
79.583	0.00	0.01	0.009	O	|	|	|	0.12

79.600	0.00	0.01	0.009	O	|	|	|	0.12
79.617	0.00	0.01	0.009	O	|	|	|	0.12
79.633	0.00	0.01	0.009	O	|	|	|	0.12
79.650	0.00	0.01	0.009	O	|	|	|	0.12
79.667	0.00	0.01	0.009	O	|	|	|	0.12
79.683	0.00	0.01	0.009	O	|	|	|	0.12
79.700	0.00	0.01	0.009	O	|	|	|	0.12
79.717	0.00	0.01	0.009	O	|	|	|	0.12
79.733	0.00	0.01	0.008	O	|	|	|	0.12
79.750	0.00	0.01	0.008	O	|	|	|	0.12
79.767	0.00	0.01	0.008	O	|	|	|	0.12
79.783	0.00	0.01	0.008	O	|	|	|	0.12
79.800	0.00	0.01	0.008	O	|	|	|	0.12
79.817	0.00	0.01	0.008	O	|	|	|	0.12
79.833	0.00	0.01	0.008	O	|	|	|	0.12
79.850	0.00	0.01	0.008	O	|	|	|	0.12
79.867	0.00	0.01	0.008	O	|	|	|	0.12
79.883	0.00	0.01	0.008	O	|	|	|	0.12
79.900	0.00	0.01	0.008	O	|	|	|	0.12
79.917	0.00	0.01	0.008	O	|	|	|	0.12
79.933	0.00	0.01	0.008	O	|	|	|	0.12
79.950	0.00	0.01	0.008	O	|	|	|	0.12
79.967	0.00	0.01	0.008	O	|	|	|	0.12
79.983	0.00	0.01	0.008	O	|	|	|	0.12
80.000	0.00	0.01	0.008	O	|	|	|	0.12
80.017	0.00	0.01	0.008	O	|	|	|	0.12
80.033	0.00	0.01	0.008	O	|	|	|	0.12
80.050	0.00	0.01	0.008	O	|	|	|	0.12
80.067	0.00	0.01	0.008	O	|	|	|	0.12
80.083	0.00	0.01	0.008	O	|	|	|	0.12
80.100	0.00	0.01	0.008	O	|	|	|	0.12
80.117	0.00	0.01	0.008	O	|	|	|	0.12
80.133	0.00	0.01	0.008	O	|	|	|	0.12
80.150	0.00	0.01	0.008	O	|	|	|	0.12
80.167	0.00	0.01	0.008	O	|	|	|	0.12
80.183	0.00	0.01	0.008	O	|	|	|	0.12
80.200	0.00	0.01	0.008	O	|	|	|	0.12
80.217	0.00	0.01	0.008	O	|	|	|	0.12
80.233	0.00	0.01	0.008	O	|	|	|	0.12
80.250	0.00	0.01	0.008	O	|	|	|	0.12
80.267	0.00	0.01	0.008	O	|	|	|	0.12
80.283	0.00	0.01	0.008	O	|	|	|	0.12
80.300	0.00	0.01	0.008	O	|	|	|	0.12
80.317	0.00	0.01	0.008	O	|	|	|	0.12
80.333	0.00	0.01	0.008	O	|	|	|	0.12
80.350	0.00	0.01	0.008	O	|	|	|	0.12
80.367	0.00	0.01	0.008	O	|	|	|	0.12
80.383	0.00	0.01	0.008	O	|	|	|	0.12
80.400	0.00	0.01	0.008	O	|	|	|	0.12
80.417	0.00	0.01	0.008	O	|	|	|	0.12

80.433	0.00	0.01	0.008	O	|	|	|	0.12
80.450	0.00	0.01	0.008	O	|	|	|	0.12
80.467	0.00	0.01	0.008	O	|	|	|	0.12
80.483	0.00	0.01	0.008	O	|	|	|	0.12
80.500	0.00	0.01	0.008	O	|	|	|	0.12
80.517	0.00	0.01	0.008	O	|	|	|	0.12
80.533	0.00	0.01	0.008	O	|	|	|	0.12
80.550	0.00	0.01	0.008	O	|	|	|	0.12
80.567	0.00	0.01	0.008	O	|	|	|	0.12
80.583	0.00	0.01	0.008	O	|	|	|	0.12
80.600	0.00	0.01	0.008	O	|	|	|	0.12
80.617	0.00	0.01	0.008	O	|	|	|	0.11
80.633	0.00	0.01	0.008	O	|	|	|	0.11
80.650	0.00	0.01	0.008	O	|	|	|	0.11
80.667	0.00	0.01	0.008	O	|	|	|	0.11
80.683	0.00	0.01	0.008	O	|	|	|	0.11
80.700	0.00	0.01	0.008	O	|	|	|	0.11
80.717	0.00	0.01	0.008	O	|	|	|	0.11
80.733	0.00	0.01	0.008	O	|	|	|	0.11
80.750	0.00	0.01	0.008	O	|	|	|	0.11
80.767	0.00	0.01	0.008	O	|	|	|	0.11
80.783	0.00	0.01	0.008	O	|	|	|	0.11
80.800	0.00	0.01	0.008	O	|	|	|	0.11
80.817	0.00	0.01	0.008	O	|	|	|	0.11
80.833	0.00	0.01	0.008	O	|	|	|	0.11
80.850	0.00	0.01	0.008	O	|	|	|	0.11
80.867	0.00	0.01	0.008	O	|	|	|	0.11
80.883	0.00	0.01	0.008	O	|	|	|	0.11
80.900	0.00	0.01	0.008	O	|	|	|	0.11
80.917	0.00	0.01	0.008	O	|	|	|	0.11
80.933	0.00	0.01	0.008	O	|	|	|	0.11
80.950	0.00	0.01	0.008	O	|	|	|	0.11
80.967	0.00	0.01	0.008	O	|	|	|	0.11
80.983	0.00	0.01	0.008	O	|	|	|	0.11
81.000	0.00	0.01	0.008	O	|	|	|	0.11
81.017	0.00	0.01	0.008	O	|	|	|	0.11
81.033	0.00	0.01	0.008	O	|	|	|	0.11
81.050	0.00	0.01	0.008	O	|	|	|	0.11
81.067	0.00	0.01	0.008	O	|	|	|	0.11
81.083	0.00	0.01	0.008	O	|	|	|	0.11
81.100	0.00	0.01	0.008	O	|	|	|	0.11
81.117	0.00	0.01	0.008	O	|	|	|	0.11
81.133	0.00	0.01	0.008	O	|	|	|	0.11
81.150	0.00	0.01	0.008	O	|	|	|	0.11
81.167	0.00	0.01	0.008	O	|	|	|	0.11
81.183	0.00	0.01	0.008	O	|	|	|	0.11
81.200	0.00	0.01	0.008	O	|	|	|	0.11
81.217	0.00	0.01	0.008	O	|	|	|	0.11
81.233	0.00	0.01	0.008	O	|	|	|	0.11
81.250	0.00	0.01	0.008	O	|	|	|	0.11

81.267	0.00	0.01	0.008	O	|	|	|	0.11
81.283	0.00	0.01	0.008	O	|	|	|	0.11
81.300	0.00	0.01	0.008	O	|	|	|	0.11
81.317	0.00	0.01	0.008	O	|	|	|	0.11
81.333	0.00	0.01	0.008	O	|	|	|	0.11
81.350	0.00	0.01	0.008	O	|	|	|	0.11
81.367	0.00	0.01	0.008	O	|	|	|	0.11
81.383	0.00	0.01	0.008	O	|	|	|	0.11
81.400	0.00	0.01	0.008	O	|	|	|	0.11
81.417	0.00	0.01	0.008	O	|	|	|	0.11
81.433	0.00	0.01	0.008	O	|	|	|	0.11
81.450	0.00	0.01	0.008	O	|	|	|	0.11
81.467	0.00	0.01	0.008	O	|	|	|	0.11
81.483	0.00	0.01	0.008	O	|	|	|	0.11
81.500	0.00	0.01	0.008	O	|	|	|	0.11
81.517	0.00	0.01	0.008	O	|	|	|	0.11
81.533	0.00	0.01	0.008	O	|	|	|	0.11
81.550	0.00	0.01	0.008	O	|	|	|	0.11
81.567	0.00	0.01	0.008	O	|	|	|	0.11
81.583	0.00	0.01	0.008	O	|	|	|	0.11
81.600	0.00	0.01	0.008	O	|	|	|	0.11
81.617	0.00	0.01	0.008	O	|	|	|	0.11
81.633	0.00	0.01	0.008	O	|	|	|	0.11
81.650	0.00	0.01	0.008	O	|	|	|	0.11
81.667	0.00	0.01	0.008	O	|	|	|	0.11
81.683	0.00	0.01	0.008	O	|	|	|	0.11
81.700	0.00	0.01	0.008	O	|	|	|	0.11
81.717	0.00	0.01	0.008	O	|	|	|	0.11
81.733	0.00	0.01	0.008	O	|	|	|	0.11
81.750	0.00	0.01	0.008	O	|	|	|	0.11
81.767	0.00	0.01	0.007	O	|	|	|	0.11
81.783	0.00	0.01	0.007	O	|	|	|	0.11
81.800	0.00	0.01	0.007	O	|	|	|	0.11
81.817	0.00	0.01	0.007	O	|	|	|	0.11
81.833	0.00	0.01	0.007	O	|	|	|	0.11
81.850	0.00	0.01	0.007	O	|	|	|	0.11
81.867	0.00	0.01	0.007	O	|	|	|	0.11
81.883	0.00	0.01	0.007	O	|	|	|	0.11
81.900	0.00	0.01	0.007	O	|	|	|	0.11
81.917	0.00	0.01	0.007	O	|	|	|	0.11
81.933	0.00	0.01	0.007	O	|	|	|	0.11
81.950	0.00	0.01	0.007	O	|	|	|	0.11
81.967	0.00	0.01	0.007	O	|	|	|	0.11
81.983	0.00	0.01	0.007	O	|	|	|	0.11
82.000	0.00	0.01	0.007	O	|	|	|	0.11
82.017	0.00	0.01	0.007	O	|	|	|	0.11
82.033	0.00	0.01	0.007	O	|	|	|	0.11
82.050	0.00	0.01	0.007	O	|	|	|	0.11
82.067	0.00	0.01	0.007	O	|	|	|	0.11
82.083	0.00	0.01	0.007	O	|	|	|	0.11

82.100	0.00	0.01	0.007	O	|	|	|	0.10
82.117	0.00	0.01	0.007	O	|	|	|	0.10
82.133	0.00	0.01	0.007	O	|	|	|	0.10
82.150	0.00	0.01	0.007	O	|	|	|	0.10
82.167	0.00	0.01	0.007	O	|	|	|	0.10
82.183	0.00	0.01	0.007	O	|	|	|	0.10
82.200	0.00	0.01	0.007	O	|	|	|	0.10
82.217	0.00	0.01	0.007	O	|	|	|	0.10
82.233	0.00	0.01	0.007	O	|	|	|	0.10
82.250	0.00	0.01	0.007	O	|	|	|	0.10
82.267	0.00	0.01	0.007	O	|	|	|	0.10
82.283	0.00	0.01	0.007	O	|	|	|	0.10
82.300	0.00	0.01	0.007	O	|	|	|	0.10
82.317	0.00	0.01	0.007	O	|	|	|	0.10
82.333	0.00	0.01	0.007	O	|	|	|	0.10
82.350	0.00	0.01	0.007	O	|	|	|	0.10
82.367	0.00	0.01	0.007	O	|	|	|	0.10
82.383	0.00	0.01	0.007	O	|	|	|	0.10
82.400	0.00	0.01	0.007	O	|	|	|	0.10
82.417	0.00	0.01	0.007	O	|	|	|	0.10
82.433	0.00	0.01	0.007	O	|	|	|	0.10
82.450	0.00	0.01	0.007	O	|	|	|	0.10
82.467	0.00	0.01	0.007	O	|	|	|	0.10
82.483	0.00	0.01	0.007	O	|	|	|	0.10
82.500	0.00	0.01	0.007	O	|	|	|	0.10
82.517	0.00	0.01	0.007	O	|	|	|	0.10
82.533	0.00	0.01	0.007	O	|	|	|	0.10
82.550	0.00	0.01	0.007	O	|	|	|	0.10
82.567	0.00	0.01	0.007	O	|	|	|	0.10
82.583	0.00	0.01	0.007	O	|	|	|	0.10
82.600	0.00	0.01	0.007	O	|	|	|	0.10
82.617	0.00	0.01	0.007	O	|	|	|	0.10
82.633	0.00	0.01	0.007	O	|	|	|	0.10
82.650	0.00	0.01	0.007	O	|	|	|	0.10
82.667	0.00	0.01	0.007	O	|	|	|	0.10
82.683	0.00	0.01	0.007	O	|	|	|	0.10
82.700	0.00	0.01	0.007	O	|	|	|	0.10
82.717	0.00	0.01	0.007	O	|	|	|	0.10
82.733	0.00	0.01	0.007	O	|	|	|	0.10
82.750	0.00	0.01	0.007	O	|	|	|	0.10
82.767	0.00	0.01	0.007	O	|	|	|	0.10
82.783	0.00	0.01	0.007	O	|	|	|	0.10
82.800	0.00	0.01	0.007	O	|	|	|	0.10
82.817	0.00	0.01	0.007	O	|	|	|	0.10
82.833	0.00	0.01	0.007	O	|	|	|	0.10
82.850	0.00	0.01	0.007	O	|	|	|	0.10
82.867	0.00	0.01	0.007	O	|	|	|	0.10
82.883	0.00	0.01	0.007	O	|	|	|	0.10
82.900	0.00	0.01	0.007	O	|	|	|	0.10
82.917	0.00	0.01	0.007	O	|	|	|	0.10

82.933	0.00	0.01	0.007	O	|	|	|	|	0.10
82.950	0.00	0.01	0.007	O	|	|	|	|	0.10
82.967	0.00	0.01	0.007	O	|	|	|	|	0.10
82.983	0.00	0.01	0.007	O	|	|	|	|	0.10
83.000	0.00	0.01	0.007	O	|	|	|	|	0.10
83.017	0.00	0.01	0.007	O	|	|	|	|	0.10
83.033	0.00	0.01	0.007	O	|	|	|	|	0.10
83.050	0.00	0.01	0.007	O	|	|	|	|	0.10
83.067	0.00	0.01	0.007	O	|	|	|	|	0.10
83.083	0.00	0.01	0.007	O	|	|	|	|	0.10
83.100	0.00	0.01	0.007	O	|	|	|	|	0.10
83.117	0.00	0.01	0.007	O	|	|	|	|	0.10
83.133	0.00	0.01	0.007	O	|	|	|	|	0.10
83.150	0.00	0.01	0.007	O	|	|	|	|	0.10
83.167	0.00	0.01	0.007	O	|	|	|	|	0.10
83.183	0.00	0.01	0.007	O	|	|	|	|	0.10
83.200	0.00	0.01	0.007	O	|	|	|	|	0.10
83.217	0.00	0.01	0.007	O	|	|	|	|	0.10
83.233	0.00	0.01	0.007	O	|	|	|	|	0.10
83.250	0.00	0.01	0.007	O	|	|	|	|	0.10
83.267	0.00	0.01	0.007	O	|	|	|	|	0.10
83.283	0.00	0.01	0.007	O	|	|	|	|	0.10
83.300	0.00	0.01	0.007	O	|	|	|	|	0.10
83.317	0.00	0.01	0.007	O	|	|	|	|	0.10
83.333	0.00	0.01	0.007	O	|	|	|	|	0.10

Remaining water in basin = 0.01 (Ac.Ft)

**********HYDROGRAPH DATA**********

Number of intervals = 5001
Time interval = 1.0 (Min.)
Maximum/Peak flow rate = 4.796 (CFS)
Total volume = 0.591 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

****

APPENDIX C

TABLE 3.1

EXISTING FACILITIES

GEOMETRY: 1 = TRAP. OPEN CHANNEL, 2 = IRREGULAR CHANNEL, 3 = BOX CHANNEL, 4 = PIPE, 5 = RECT. OPEN CHANNEL
MATERIALS: 1 = R.C.P., 2 = C.I.P.P., 3 = R.C.B., 4 = C.M.P.A., 5 = C.M.P., 6 = NAT. CHNL., 7 = CONC. CHNL., 8 = SPIRAL RIBBED
Qc= EXISTING CAPACITY

ID #	SYSTEM	GEOMETRY	WIDTH (IN)	HEIGHT (IN)	RATIO	MATERIAL	DRAWING NO.	LENGTH (FEET)	SLOPE	Qc (CFS)
205	S.M.	3	72	33	2	3	P-1438	90	0.50%	315
206	E-102	4	42			1	P-1445-6	230	1.10%	106
207	E-102	4	48			1	P-1445-6	430	1.10%	151
208	E-102	4	48			1	P-1445-7	440	1.97%	202
209	E-102	4		48		1	D-1100	36	22.60%	683
210	E-102	4		48		1	D-1100	101	1.50%	176
211	KC-32	4	84			1	1454-9	138	8.00%	1807
212	R-13	4	72	44		4	1455-3	80	1.00%	282
213	E-231	4	51			1	P-1457-7	486	0.30%	92
214	NOT USED									
215	NOT USED									
216	NOT USED									
217	E-193	4	54			1	P-1778-3	488	0.50%	139
218	E-193	4	42			1	P-1778-3	154	1.94%	140
219	E-193	4	39			1	P-1778-5	289	1.20%	90
220	E-111	4	60			1	P-1788	348	0.50%	184
221	E-111	4	54			1	P-1788	328	0.50%	139
222	E-111	4	48			1	P-1788	222	0.50%	102
223	E-111	4	48			1	P-1788	110	2.00%	203
224	E-111	4	36	58		4	P-1788	40	7.90%	437
225	E-234	4	48			2	P-1791	230	0.57%	94
226	E-234	4	42			2	P-1791	700	0.60%	68
227	E-234	4	24		3	1	P-1791	70	2.00%	96
228	R-31	4	50	31		4	P-1797	206	1.32%	125
229	R-31	4	36	22		4	P-1797	175	0.60%	34
230	NOT USED									
231	NOT USED									
232	S.M.	4	49	33		4	P-1314	240	0.50%	77
233	S.M.	4	36			1	P-1314	640	0.50%	47
234	S.M.	4	57	38	2	4	P-1318	163	2.40%	482
235	KC-32	3	72	48		3	P-1327	474	1.10%	352
236	NOT USED									
237	KC-32	4	42			1	P-1346	880	0.48%	70
238	KC-32	4	72			1	P-1346	22	0.36%	254

APPENDIX D

TENTATIVE SUBDIVISION MAP
SUB20-0006

FOR CONDOMINIUM PURPOSES
CITY OF ESCONDIDO, CALIFORNIA

LEGAL DESCRIPTION

THE TITLE DESCRIPTION AND SCHEDULE B ITEMS HEREON ARE FROM CHICAGO TITLE COMPANY, PRELIMINARY REPORT ORDER NO.: 73718008333-RCM, DATED: AUGUST 23, 2018.

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF ESCONDIDO, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL 1:

ALL THAT PORTION OF LOT 2 IN BLOCK 30 OF HOMELAND ACRES ADDITION TO ESCONDIDO NO. 2, IN THE CITY OF ESCONDIDO, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1241, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, MARCH 11, 1910, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWESTERLY CORNER OF THE EASTERLY 182.58 FEET OF THE NORTHERLY 167.07 FEET OF SAID LOT 2 IN BLOCK 30; THENCE ALONG THE WESTERLY BOUNDARY OF THE EASTERLY 182.58 FEET OF SAID LOT 2, NORTH 12°15'19" EAST 88.24 FEET TO A POINT IN THE SOUTHERLY BOUNDARY OF THE NORTHERLY 78.83 OF SAID LOT 2, THENCE ALONG SAID SOUTHERLY BOUNDARY OF SAID NORTHERLY 78.83 FEET, NORTH 77°48'46" WEST 176.92 FEET TO THE WESTERLY BOUNDARY OF THE EASTERLY 359.50 FEET OF SAID LOT 2; THENCE ALONG SAID WESTERLY BOUNDARY, SOUTH 12°15'19" WEST 225.32 FEET TO A POINT IN THE NORTHELRY BOUNDARY OF THE SOUTHERLY 10.00 FEET OF THE NORTHERLY 314.15 FEET OF SAID LOT 2; THENCE ALONG SAID NORTHERLY BOUNDARY SOUTH 77°48'46" EAST 359.50 FEET TO THE EASTERLY BOUNDARY OF SAID LOT 2; THENCE NORTHERLY ALONG SAID EASTERLY BOUNDARY NORTH 12°15'19" EAST 20.00 FEET; THENCE PARALLEL WITH THE NORTHERLY BOUNDARY OF SAID LOT 2 NORTH 77°48'46" WEST 120.00 FEET; THENCE NORTH 15°53'04" WEST 132.69 FEET, MORE OR LESS TO THE POINT OF BEGINNING.

ALSO KNOWN AS PARCEL B OF CERTIFICATE OF COMPLIANCE RECORDED JUNE 25, 2001 AS DOCUMENT NO. 2001-0426059 OF OFFICIAL RECORDS.

PARCEL 2:

THE SOUTHERLY 117.66 FEET OF THE NORTHERLY 196.49 FEET OF LOT 2 IN BLOCK 30 OF HOMELAND ACRES ADDITION TO ESCONDIDO NO. 2, IN THE CITY OF ESCONDIDO, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1241, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, MARCH 11, 1910.

EXCEPTING THEREFROM THE EASTERLY 359.50 FEET THEREOF.

ALSO EXCEPTING THEREFROM THAT PORTION GRANTED TO THE STATE OF CALIFORNIA IN GRANT DEED RECORDED MAY 6, 1948 IN BOOK 2786, PAGE 11 OF OFFICIAL RECORDS.

ALSO KNOWN AS PARCEL C OF CERTIFICATE OF COMPLIANCE RECORDED JUNE 25, 2001 AS DOCUMENT NO. 2001-0426060 OF OFFICIAL RECORDS.

PARCEL 3:

THE SOUTHERLY 117.66 FEET OF THE NORTHERLY 314.15 FEET OF LOT 2 IN BLOCK 30 OF HOMELAND ACRES ADDITION TO ESCONDIDO NO. 2, IN THE CITY OF ESCONDIDO, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1241, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, MARCH 11, 1910.

EXCEPTING THEREFROM THE EASTERLY 359.50 FEET THEREOF.

ALSO EXCEPTING THEREFROM THAT PORTION GRANTED TO THE STATE OF CALIFORNIA IN GRANT DEED RECORDED MAY 6, 1948 IN BOOK 2786, PAGE 11 OF OFFICIAL RECORDS.

ALSO KNOWN AS PARCEL D OF CERTIFICATE OF COMPLIANCE RECORDED JUNE 25, 2001 AS DOCUMENT NO. 2001-0426061 OF OFFICIAL RECORDS.

ASSESSOR'S PARCEL NUMBERS: 236-390-52-00, 236-390-53-00, 236-390-54-00

STREET ADDRESSES: 2210 S. ESCONDIDO BLVD., ESCONDIDO, CA
2222 S. ESCONDIDO BLVD., ESCONDIDO, CA
2224 S. ESCONDIDO BLVD., ESCONDIDO, CA.

PARCEL A:

ALL THAT PORTION OF SAID LOT 2, BLOCK 30 OF HOMELAND ACRES ADDITION TO ESCONDIDO NO. 2, IN THE CITY OF ESCONDIDO, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1241, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, MARCH 11, 1910.

COMMENCING AT THE NORTHWESTERLY CORNER OF SAID LOT 2, THENCE EASTERLY ALONG THE NORTHERLY LINE OF SAID LOT, A DISTANCE OF 220.54 FEET TO THE TRUE POINT OF BEGINNING, BEING THE NORTHEASTERLY CORNER OF A PARCEL OF LAND CONVEYED TO EVA PIPER BY DEED DATED APRIL 9, 1941 AND RECORDED IN BOOK 1160, PAGE 493 OF OFFICIAL RECORDS; THENCE CONTINUING EASTERLY ALONG SAID NORTHERLY LINE OF LOT 2, A DISTANCE OF 200 FEET; THENCE SOUTHERLY PARALLEL WITH THE EASTERLY LINE OF SAID LOT 2, A DISTANCE OF 78.83 FEET; THENCE WESTERLY PARALLEL WITH THE NORTHERLY LINE OF SAID LOT, A DISTANCE OF 200.00 FEET; THENCE NORTHERLY ALONG THE EASTERLY LINE OF THE AFOREMENTIONED LAND CONVEYED TO PIPER, A DISTANCE OF 78.83 FEET TO THE TRUE POINT OF BEGINNING.

PARCEL B:

AN EASEMENT FOR ROAD PURPOSES OVER THE NORTHERLY 10 FEET OF THE WESTERLY 220.54 FEET OF SAID LOT 2, BLOCK 30 OF HOMELAND ACRES ADDITION TO ESCONDIDO NO. 2, IN THE CITY OF ESCONDIDO, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1241, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, MARCH 11, 1910.

EXCEPTING THEREFROM THAT PORTION THEREOF CONVEYED TO THE STATE OF CALIFORNIA, BY DEED RECORDED FEBRUARY 24, 1948 IN BOOK 2681, PAGE 311 OF OFFICIAL RECORDS.

ASSESSOR'S PARCEL NUMBER: 236-390-03-00

STREET ADDRESSES: 2208 S. ESCONDIDO BLVD., ESCONDIDO, CA.

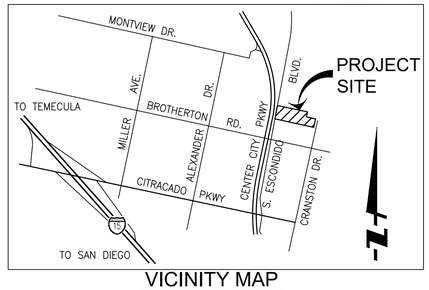
THAT PORTION OF LOT 2, BLOCK 30 OF HOMELAND ACRES ADDITION TO ESCONDIDO, NO. 2, IN THE CITY OF ESCONDIDO, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 1241, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, MARCH 11, 1910, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID LOT 2, BLOCK 30 RUNNING THENCE IN AN EASTERLY DIRECTION ON THE NORTHERLY LINE OF SAID LOT A DISTANCE OF 220.54 FEET TO A POINT IN SAID NORTHERLY LINE; THENCE SOUTHERLY PARALLEL TO THE WESTERLY LINE OF SAID LOT A DISTANCE OF 78.83 FEET; THENCE WESTERLY ON A LINE PARALLEL WITH THE NORTHERLY LINE OF SAID LOT A DISTANCE OF 220.54 FEET TO THE WESTERLY LINE OF SAID LOT; THENCE NORTHERLY A DISTANCE OF 78.83 FEET TO THE POINT OF BEGINNING.

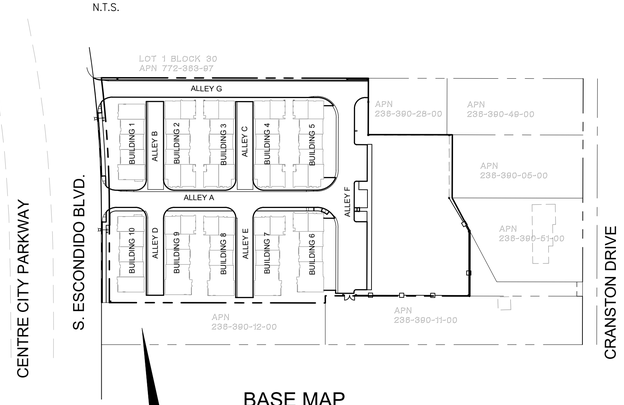
EXCEPTING THEREFROM THAT PORTION THEREOF CONVEYED TO THE STATE OF CALIFORNIA BE DEED RECORDED FEBRUARY 24, 1948 IN BOOK 2681, PAGE 311 OF OFFICIAL RECORDS.

ASSESSOR'S PARCEL NUMBER: 236-390-02-00

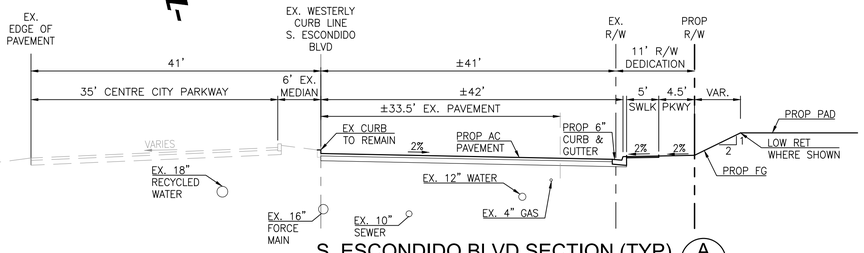
STREET ADDRESSES: 2200 S. ESCONDIDO BLVD., ESCONDIDO, CA.



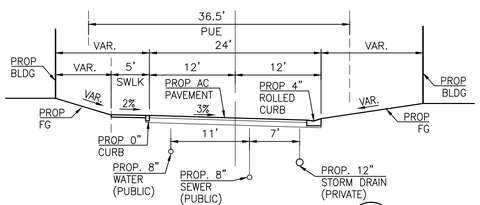
VICINITY MAP
N.T.S.



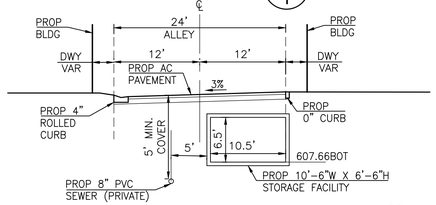
BASE MAP
1"=100'



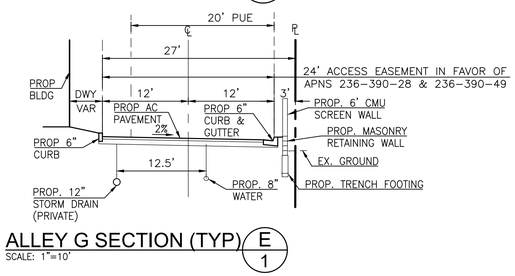
S. ESCONDIDO BLVD SECTION (TYP) A 1
SCALE: 1"=10' NOTE: NO LEGAL ℄ WAS FOUND.



ALLEY A SECTION (TYP) B 1
SCALE: 1"=10'



ALLEY C & E SECTION (TYP) C 1
SCALE: 1"=10'



ALLEY G SECTION (TYP) E 1
SCALE: 1"=10'

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE SOUTH LINE OF LOT 2, BLOCK 30 PER ROS 17273 AND PM 755 ON FILE IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, STATE OF CALIFORNIA, SHOWN HEREON AS SOUTH 77°54'35" EAST.

BENCHMARK

ELEVATIONS FOR THIS SURVEY ARE DERIVED FROM CITY OF ESCONDIDO BENCHMARK NO. 303 DESCRIBED AS: SQUARE CUT ON NW CORNER OF DRAINAGE STRUCTURE S.E. CORNER OF ESCONDIDO BOULEVARD AND BROTHERTON ROAD.
NGVD 1929 ELEVATION = 615.60

TOPOGRAPHIC SOURCE

THE TOPOGRAPHY SHOWN HEREON IS BASED ON AERIAL PHOTOGRAPHY DATED 1/20/2019, COMPILED BY ARROWHEAD MAPPING CORPORATION, JOB NUMBER AMC 19-103.

ASSESSOR PARCEL NUMBERS

236-390-02-00
236-390-03-00
236-390-52-00
236-390-53-00
236-390-54-00

FEMA FLOOD ZONE

THE SITE IS LOCATED IN FLOOD ZONE X, AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, PER FIRM 06073C1077G.

EXISTING SITE INFORMATION

CITY:	ESCONDIDO
EXISTING AND PROPOSED ZONING:	SPECIFIC PLAN
SPECIFIC PLAN:	SOUTH CENTRE CITY SPECIFIC PLAN
PLANNING AREA:	SOUTHERN ENTRY MIXED USE OVERLAY

DEVELOPMENT STANDARDS

BUILDING COVERAGE:	NONE
FRONT YARD SETBACK:	10'
SIDE YARD SETBACK:	5'
REAR YARD SETBACK:	15'
REQUIRED GARAGE PARKING:	2 SPACES/DU
REQUIRED GUEST PARKING:	0.25 SPACES/DU

UTILITY PURVEYORS

GAS & ELECTRIC:	SAN DIEGO GAS AND ELECTRIC 800-411-7343
WATER:	CITY OF ESCONDIDO 761-839-4657
SEWER:	CITY OF ESCONDIDO 760-839-4657
STORM DRAIN:	CITY OF ESCONDIDO 760-839-4880
FIRE:	CITY OF ESCONDIDO 760-839-5400

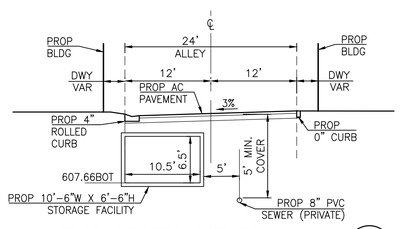
PROPERTY OWNERSHIP

APN:	236-390-02-00
OWNER:	NATHANIEL JOSEPH WULFF
APN:	236-390-03-00
OWNER:	DAVID SMITH & JEANNIE SMITH
APN:	236-390-52-00
OWNER:	ETEM FRANK J 1985 TRUST A/B, ANN MAIORIELLO
APN:	236-390-53-00
OWNER:	ETEM FRANK J 1985 TRUST A/B, ANN MAIORIELLO
APN:	236-390-54-00
OWNER:	ETEM FRANK J 1985 TRUST A/B, ANN MAIORIELLO

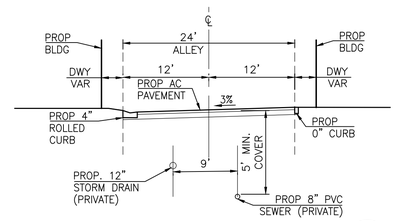
OWNER'S CERTIFICATE

I (WE) HEREBY CERTIFY THAT I (WE) AM (ARE) THE RECORD OWNER OF THE PROPERTY SHOWN ON THE TENTATIVE SUBDIVISION MAP AND THAT SAID MAP SHOWS ALL MY (OUR) CONTIGUOUS OWNERSHIP IN WHICH I (WE) HAVE ANY DEED OR TRUST INTEREST. I (WE) UNDERSTAND THAT MY (OUR) PROPERTY IS CONSIDERED CONTIGUOUS EVEN IF IT IS SEPARATED BY ROADS, STREETS, EASEMENTS, OR RAILROAD RIGHTS-OF-WAY.

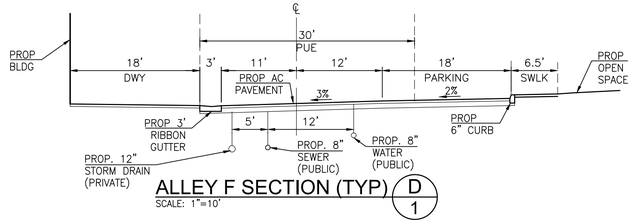
(SIGNATURE)



ALLEY B SECTION (TYP) G 1
SCALE: 1"=10'



ALLEY D SECTION (TYP) H 1
SCALE: 1"=10'



ALLEY F SECTION (TYP) D 1
SCALE: 1"=10'

SITE ADDRESSES

2200 SOUTH ESCONDIDO BLVD., ESCONDIDO, CA
2208 SOUTH ESCONDIDO BLVD., ESCONDIDO, CA.
2210 SOUTH ESCONDIDO BLVD., ESCONDIDO, CA
2222 SOUTH ESCONDIDO BLVD., ESCONDIDO, CA
2224 SOUTH ESCONDIDO BLVD., ESCONDIDO, CA

CIVIL ENGINEER

X ENGINEERING & CONSULTING, INC.
6 HUTTON CENTRE DR., SUITE 650,
SANTA ANA, CA 92707
TEL: 949-522-7100

CONTACT: ERIC LISSNER, P.E.

DEVELOPER

WARMINGTON RESIDENTIAL
3090 PULLMAN STREET
COSTA MESA, CA 92626
TEL: 714-557-5511

CONTACT: GREG OCASEK

GEOTECHNICAL ENGINEER

LEIGHTON AND ASSOCIATES, INC.
17781 COWAN
IRVINE, CA 92614
TEL: 949.250.1421

CONTACT: JEFF L. HULL, CEG 2056

LOT ACREAGE

GROSS ACREAGE:	3.47 AC
NET ACREAGE:	3.39 AC

*ACREAGES EXCLUSIVE OF POTENTIAL BOUNDARY ADJUSTMENTS

SHEET INDEX

TITLE SHEET	1
EXISTING CONDITION MAP	2
TENTATIVE SUBDIVISION MAP	3
TENTATIVE SUBDIVISION MAP	4
UTILITY MAP	5
UTILITY MAP	6
DETAILS & SECTIONS	7

BUILDING AND LOT TABLE

BUILDING #	UNIT #s	LOT #
1	101-105	1
2	201-207	1
3	301-307	1
4	401-407	1
5	501-507	1
6	601-606	1
7	701-706	1
8	801-806	1
9	901-906	1
10	1001-1005	1
TOTAL UNITS	62	

NOTE:
PROJECT PROPOSES CONSOLIDATION OF FIVE PARCELS INTO ONE LOT.

ESTIMATED GRADING QUANTITIES

	CUT (CY)	FILL (CY)
RAW	7,450	9,290
ADDITIONAL EXCAVATION	24,000	24,000
BULKING (5%)*	1,572	
TOTALS	33,022	33,290
268 CY NET IMPORT		

* TO BE CONFIRMED IN GEOTECHNICAL REVIEW OF GRADING PLANS.

ESCONDIDO
City of Choice

PREPARED BY:

X ENGINEERING & CONSULTING, INC.
6 Hutton Centre Drive, Suite 650
Santa Ana, California 92707
949.522.7100 | xengineeringinc.com

REGISTERED PROFESSIONAL ENGINEER
ERIC LISSNER
NO. 84264
CIVIL
STATE OF CALIFORNIA

TITLE SHEET
TENTATIVE SUBDIVISION MAP SUB20-0006
CITY OF ESCONDIDO, CALIFORNIA

SHEET 1 OF 7

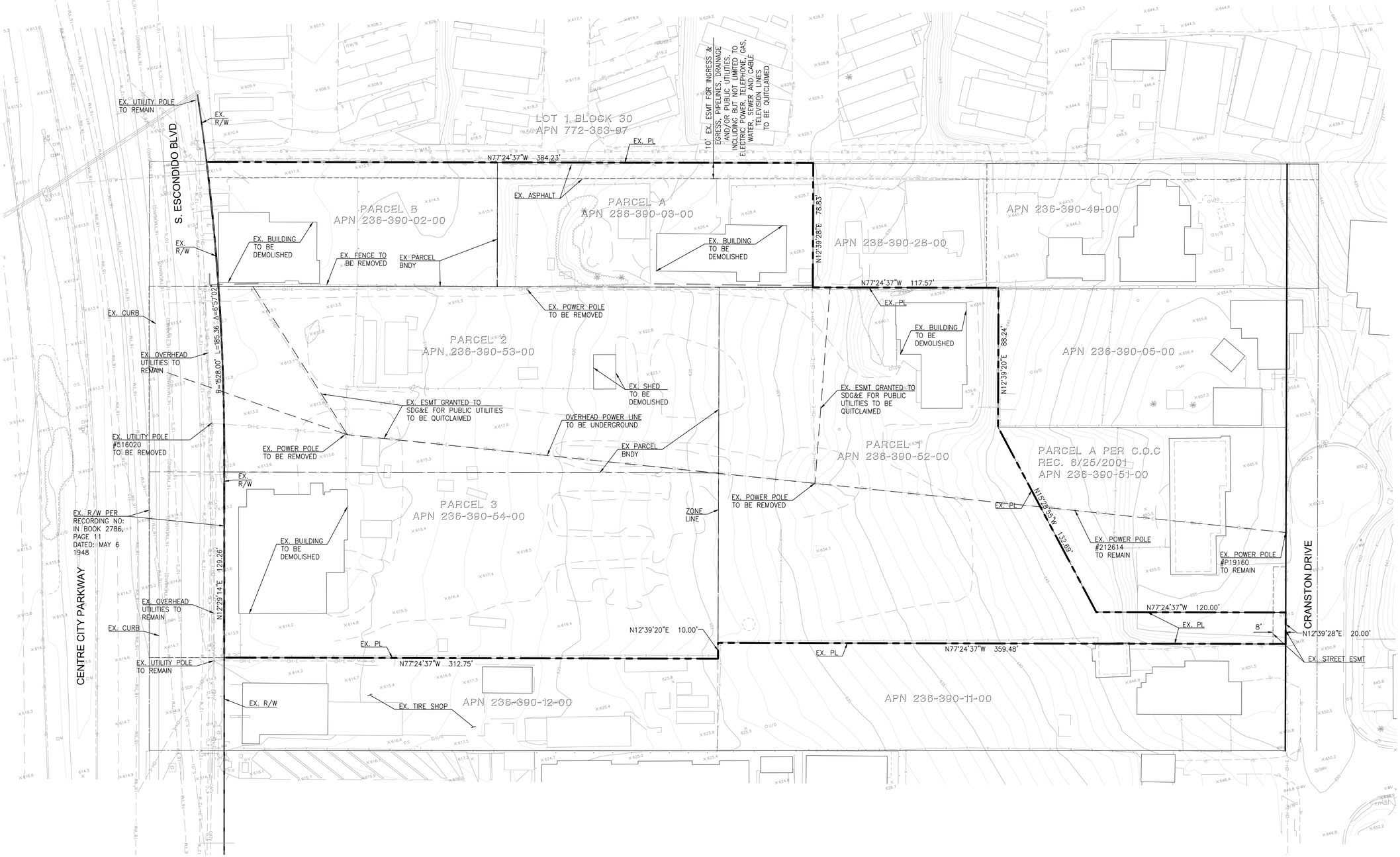
P:\101\003\Plans\Entitlement\TM\101-003-tm01ts.dwg Plotted At: January 19, 2021 8:29 AM Last Saved By: christopher.shy Last Saved At: January 18, 2021 5:14 PM

LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- STREET CENTERLINE
- EXISTING EASEMENT

ABBREVIATIONS

BLVD	BOULEVARD
℄/CL	CENTERLINE
DW	DOMESTIC WATER
DWG	DRAWING
E	ELEVATION
ESMT	EASEMENT
EX	EXISTING
OH-E	OVERHEAD ELECTRIC
SDG&E	SAN DIEGO GAS & ELECTRIC



30' 0' 15' 30'

SCALE: 1" = 30'

ESCONDIDO
City of Choice

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REGISTERED PROFESSIONAL ENGINEER ERIC LISSNER NO. 84264 CIVIL STATE OF CALIFORNIA

EXISTING CONDITION MAP
TENTATIVE SUBDIVISION MAP SUB20-0006
CITY OF ESCONDIDO, CALIFORNIA

SHEET 2 OF 7

P:\101\003\Plans\Entitlement\TM\101-003-tm02ex.dwg Plotted At: January 19, 2021 8:29 AM Last Saved By: christopher.shyy Last Saved At: December 1, 2020 4:40 PM

ABBREVIATIONS

ACC	ACCESSIBLE
BLVD	BOULEVARD
BW	FINISHED BOTTOM OF WALL
℄/CL	CENTERLINE
DW	DOMESTIC WATER
DWG	DRAWING
E	ELEVATION
ESMT	EASEMENT
EX	EXISTING
HYDROMOD	HYDROMODIFICATION
LAT	LATERAL
MIN	MINIMUM
NTS	NOT TO SCALE
PL	PROPERTY LINE
PROP	PROPOSED
PVC	POLYVINYL CHLORIDE
PUE	PUBLIC UTILITY EASEMENT
R/W	RIGHT OF WAY
S, SS	SEWER
SD	STORM DRAIN
SDRSD	SAN DIEGO REGIONAL STANDARD DRAWINGS
ST	STREET
T	ELECTRICAL TRANSFORMER
TYP	TYPICAL
TW	FINISHED GRADE TOP OF WALL

LEGEND

- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- STREET CENTERLINE
- EXISTING AND PROPOSED EASEMENT
- PROPOSED DOMESTIC WATER (PUBLIC)
- PROPOSED SEWER (PRIVATE)
- PROPOSED SEWER (PUBLIC)
- PROPOSED SEWER MANHOLE PER CITY OF ESCONDIDO STD. DWG S-1-E
- PROPOSED STORM DRAIN (PRIVATE)
- PROPOSED 2" WATER METER PER ESCONDIDO STD. DWG W-2-E & BACKFLOW PREVENTER PER STD. DWG W-10-E
- 62 PROPOSED UNIT NUMBER
- PROPOSED FIRE HYDRANT PER CITY OF ESCONDIDO STD. DWG W-3-E
- PROPOSED DRAINAGE STORAGE FACILITY (PRIVATE)
- PROPOSED CURB INLET TYPE B PER SDRSD. DWG. D-02
- PROPOSED 12" X 12" BROOKS BOX CATCH BASIN (PRIVATE)
- PROPOSED 12" X 12" GRATE INLET
- MWS MODULAR WETLANDS UNIT
- T PROPOSED ELECTRICAL TRANSFORMER
- PROPOSED MANSORY RETAINING WALL
- DAYLINE LINE
- 100 PROPOSED ELEVATION
- 100 EXISTING ELEVATION
- RIDGE LINE

MATCHLINE SEE SHEET 4

20' 0' 10' 20'
SCALE: 1" = 20'

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TENTATIVE SUBDIVISION MAP
TENTATIVE SUBDIVISION MAP SUB20-0006
CITY OF ESCONDIDO, CALIFORNIA

SHEET 3 OF 7

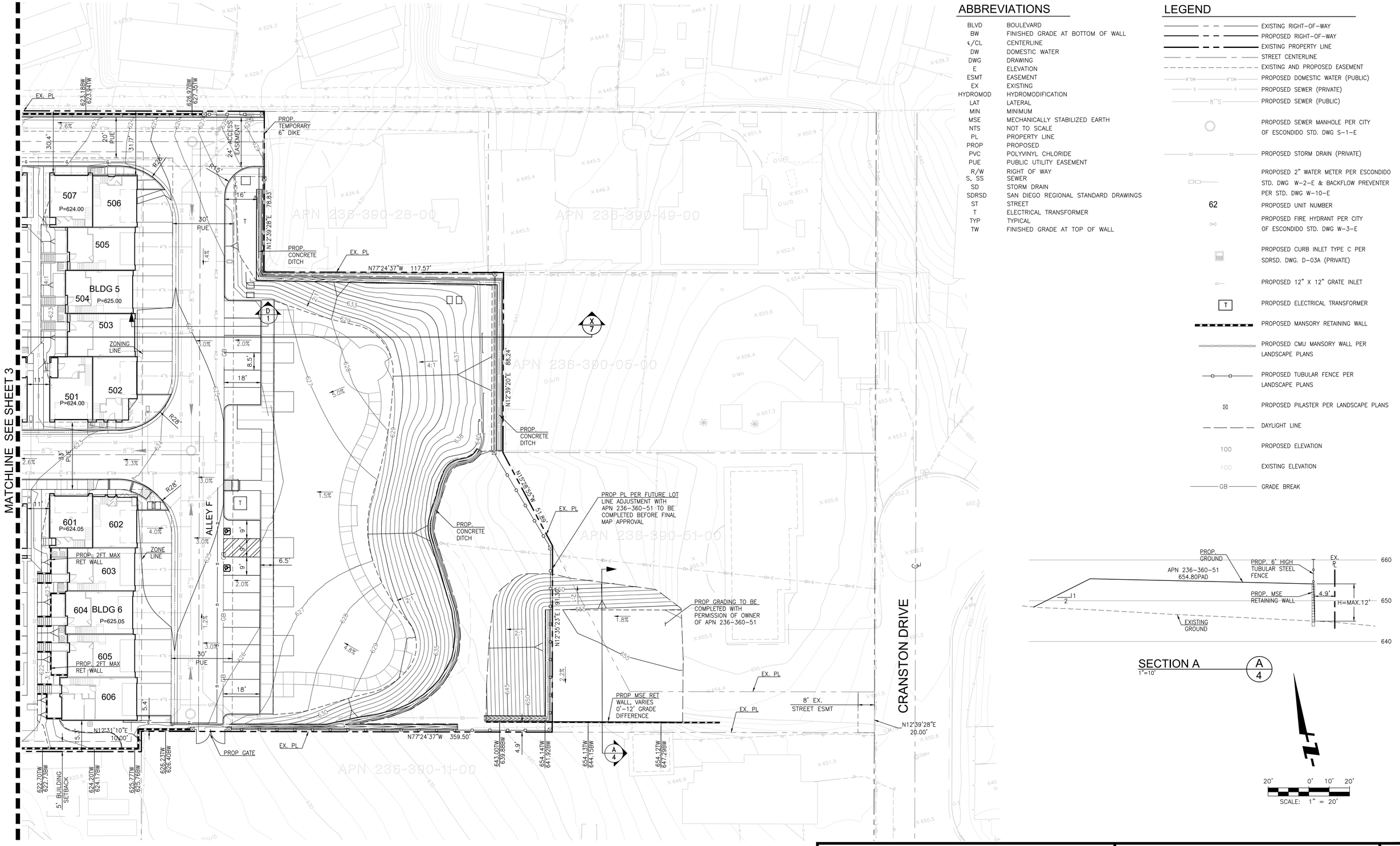
P:\101\003\Plans\Entitlement\TTM\101-003-1m03m.dwg Plotted At: January 19, 2021 8:29 AM Last Saved By: christopher.zhy Last Saved At: January 18, 2021 5:18 PM

ABBREVIATIONS

BLVD	BOULEVARD
BW	FINISHED GRADE AT BOTTOM OF WALL
℄/CL	CENTERLINE
DW	DOMESTIC WATER
DWG	DRAWING
E	ELEVATION
ESMT	EASEMENT
EX	EXISTING
HYDROMOD	HYDROMODIFICATION
LAT	LATERAL
MIN	MINIMUM
MSE	MECHANICALLY STABILIZED EARTH
NTS	NOT TO SCALE
PL	PROPERTY LINE
PROP	PROPOSED
PVC	POLYVINYL CHLORIDE
PUE	PUBLIC UTILITY EASEMENT
R/W	RIGHT OF WAY
S, SS	SEWER
SD	STORM DRAIN
SDRSD	SAN DIEGO REGIONAL STANDARD DRAWINGS
ST	STREET
T	ELECTRICAL TRANSFORMER
TYP	TYPICAL
TW	FINISHED GRADE AT TOP OF WALL

LEGEND

- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- STREET CENTERLINE
- EXISTING AND PROPOSED EASEMENT
- PROPOSED DOMESTIC WATER (PUBLIC)
- PROPOSED SEWER (PRIVATE)
- PROPOSED SEWER (PUBLIC)
- PROPOSED SEWER MANHOLE PER CITY OF ESCONDIDO STD. DWG S-1-E
- PROPOSED STORM DRAIN (PRIVATE)
- PROPOSED 2" WATER METER PER ESCONDIDO STD. DWG W-2-E & BACKFLOW PREVENTER PER STD. DWG W-10-E
- 62 PROPOSED UNIT NUMBER
- PROPOSED FIRE HYDRANT PER CITY OF ESCONDIDO STD. DWG W-3-E
- PROPOSED CURB INLET TYPE C PER SDRSD. DWG. D-03A (PRIVATE)
- PROPOSED 12" X 12" GRATE INLET
- T PROPOSED ELECTRICAL TRANSFORMER
- PROPOSED MANSORY RETAINING WALL
- PROPOSED CMU MANSORY WALL PER LANDSCAPE PLANS
- PROPOSED TUBULAR FENCE PER LANDSCAPE PLANS
- PROPOSED PILASTER PER LANDSCAPE PLANS
- DAYLIGHT LINE
- 100 PROPOSED ELEVATION
- 100 EXISTING ELEVATION
- GB GRADE BREAK



SECTION A
1"=10"
A 4

ESCONDIDO City of Choice

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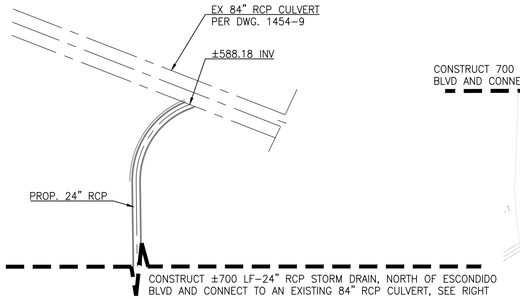
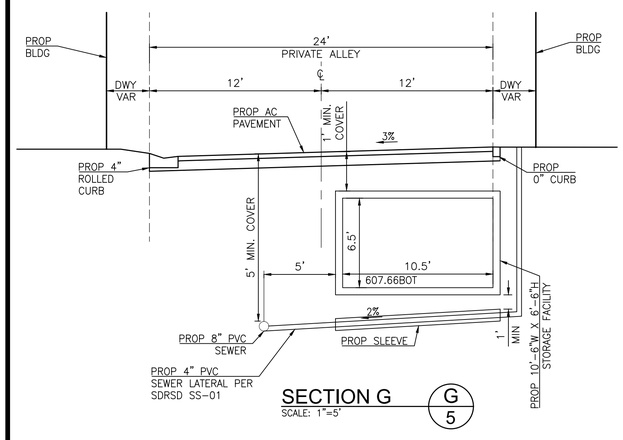
TENTATIVE SUBDIVISION MAP
TENTATIVE SUBDIVISION MAP SUB20-0006
CITY OF ESCONDIDO, CALIFORNIA

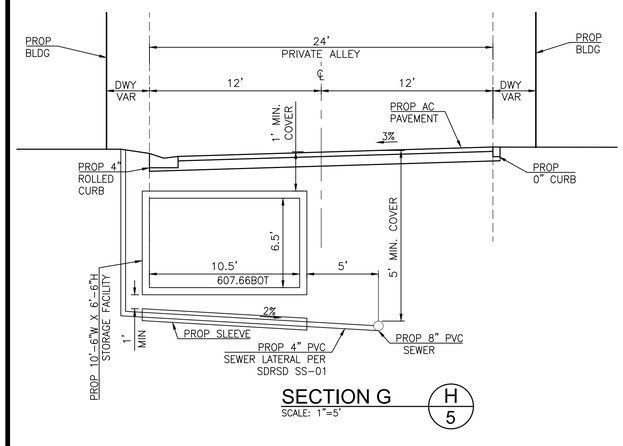
SHEET 4 OF 7

P:\101\0033\Plans\Entitlement\TM\101-0033-tm04tm.dwg Plotted At: January 19, 2021 8:30 AM Last Saved By: christopher.shay Last Saved At: December 3, 2020 4:05 PM





SECTION G (G/5)
SCALE: 1"=5'



SECTION G (H/5)
SCALE: 1"=5'

CONSTRUCT 700 LF-24" RCP STORM DRAIN, NORTH ON ESCONDIDO BLVD AND CONNECT TO AN EXISTING 84" RCP CULVERT, SEE LEFT

EX. R/W
EX. EDGE OF PAVEMENT
EX. FIRE HYDRANT TO REMAIN
PROP. CURB INLET TYPE C PER SDRSD (PRIVATE)
PROP. 24" RCP
LIMIT OF NEW PAVEMENT
JOIN TO EX. WATER LINE INSTALL 8"X12"X12"TEE AND THRUST BLOCK
±602.0 INV
PROP. CLEAN OUT TYPE A PER SDRSD
11' R/W DEDICATION
PROP. R/W
PROP. 18" RCP
±602.3 INV
PROPOSED CURB INLET PER SDRSD. DWG. D-02
EX. CURB
EX. R/W
PROPOSED CURB OUTLET PER SDRSD. D25A FOR BYPASS SYSTEM
EX. POWER POLE TO BE REMOVED
613.64 RIM (601.00) INV
EX. SEWER LINE PER IMPROVEMENT PLANS FOR SANITARY SEWER ASSESSMENT DISTRICT NO 6-1960 DWG. NO. 3382-22, SHEET 22 OF 39 DATED: 8-10-61
JOIN TO EX. WATER LINE INSTALL 8"X12"X12"TEE AND THRUST BLOCK
EX. R/W
EX. WATER LINE PER PLAN & PROFILE OF IMPROVEMENTS IN ESCONDIDO BLVD. 12" A.C.P. WATER MAIN ONLY. BROTHERTON RD. TO 677' ± NLY. DWG. NO. P-1063-A
11' R/W DEDICATION
PROP R/W
EX. CURB
PROP. CURB & GUTTER
LIMIT OF NEW PAVEMENT
EX. POWER POLE TO REMAIN
EX. R/W
CENTRE CITY PARKWAY
S. ESCONDIDO BLVD
EX. EDGE OF PAVEMENT
EX. 24" ACCESS ESMT
EX. 10' ACCESS ESMT TO BE QUITCLAIMED
EX. 6" WATER LINE
EX. PL
PROP. 12" PVC (PRIVATE)
PROP. STORM DRAIN (PRIVATE)
ALLEY G
20' PUE
619.37 RIM 605.23 INV
607.91 INV
617.33 RIM 604.69INV
±610 INV
±613 INV
PROP. 4" SEWER LAT (TYP.)
±616 INV
PROP. 4" SEWER LAT (TYP.)
PROP. 8" PVC PRIVATE SEWER
BLDG 1
BLDG 2
BLDG 3
BLDG 4
ALLEY B
ALLEY C
PROP. 8" PVC PRIVATE SEWER
PROPOSED CURB INLET PER SDRSD. DWG. D-02
PROP. 12" PVC BYPASS STORM DRAIN (PRIVATE)
±609 INV
617.48 RIM 602.52 INV
620.56 RIM 603.66 INV
ALLEY A
PROP. 8" PVC PUBLIC SEWER
36.5' PUE
PROP 2" WATER METER
PROP 2" BACKFLOW
±614 INV
PROP DRY UTILITY STRUCTURE
PROP. FIRE HYDRANT
±620 INV
PROP DRY UTILITY STRUCTURE
BLDG 10
BLDG 9
BLDG 8
BLDG 7
ALLEY D
ALLEY E
PROP. 4" SEWER LAT (TYP.)
PROP. 8" PVC PRIVATE SEWER
618.47 RIM 610.47INV
621.59 RIM 605.02 INV
±618 INV
±618 INV
APN 236-390-12-00
MATCHLINE SEE SHEET 6

LEGEND

- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- STREET CENTERLINE
- EXISTING AND PROPOSED EASEMENT
- 8"DW — PROPOSED DOMESTIC WATER (PUBLIC)
- S — PROPOSED SEWER (PRIVATE)
- 8"S — PROPOSED SEWER (PUBLIC)
- PROPOSED SEWER MANHOLE PER CITY OF ESCONDIDO STD. DWG S-1-E
- SD — PROPOSED STORM DRAIN (PRIVATE)
- PROPOSED 2" WATER METER PER ESCONDIDO STD. DWG W-2-E & BACKFLOW PREVENTER PER STD. DWG W-10-E
- 62 — PROPOSED UNIT NUMBER
- PROPOSED FIRE HYDRANT PER CITY OF ESCONDIDO STD. DWG W-3-E
- PROPOSED DRAINAGE STORAGE FACILITY (PRIVATE)
- PROPOSED CURB INLET TYPE B PER SDRSD. DWG. D-02
- PROPOSED 12" X 12" BROOKS BOX CATCH BASIN (PRIVATE)
- PROPOSED 12" X 12" GRATE INLET
- MWS — MODULAR WETLANDS UNIT
- T — PROPOSED ELECTRICAL TRANSFORMER

ABBREVIATIONS

ACC	ACCESSIBLE
BLVD	BOULEVARD
℄/CL	CENTERLINE
DW	DOMESTIC WATER
DWG	DRAWING
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NTS	NOT TO SCALE
PL	PROPERTY LINE
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PVC	POLYVINYL CHLORIDE
PUE	PUBLIC UTILITY EASEMENT
R/W	RIGHT OF WAY
S, SS	SEWER
SD	STORM DRAIN
SDRSD	SAN DIEGO REGIONAL STANDARD DRAWINGS
ST	STREET
T	ELECTRICAL TRANSFORMER
TYP	TYPICAL

20' 0' 10' 20'
SCALE: 1" = 20'

NOTE

NO PERMANENT STRUCTURES PERMITTED WITHIN THE PUE. RETAINING WALL FOOTINGS MUST BE OUTSIDE THE LIMITS OF THE PUE.

ESCONDIDO City of Choice

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REGISTERED PROFESSIONAL ENGINEER ERIC LISSER NO. 84264 CIVIL STATE OF CALIFORNIA

UTILITY MAP
TENTATIVE SUBDIVISION MAP SUB20-0006
CITY OF ESCONDIDO, CALIFORNIA

SHEET 5 OF 7

P:\101\003\Plans\Entitlement\TM\101-003-tm05ut.dwg Plotted At: January 19, 2021 8:30 AM Last Saved By: christopher.shiy Last Saved At: January 18, 2021 5:49 PM

ABBREVIATIONS

BLVD	BOULEVARD
℄/CL	CENTERLINE
DW	DOMESTIC WATER
DWG	DRAWING
E	ELEVATION
ESMT	EASEMENT
EX	EXISTING
HYDROMOD	HYDROMODIFICATION
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MIN	MINIMUM
NTS	NOT TO SCALE
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PROP	PROPOSED
PVC	POLYVINYL CHLORIDE
PUE	PUBLIC UTILITY EASEMENT
R/W	RIGHT OF WAY
S, SS	SEWER
SD	STORM DRAIN
SDRSD	SAN DIEGO REGIONAL STANDARD DRAWINGS
ST	STREET
T	ELECTRICAL TRANSFORMER
TYP	TYPICAL

LEGEND

- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- STREET CENTERLINE
- EXISTING AND PROPOSED EASEMENT
- PROPOSED DOMESTIC WATER (PUBLIC)
- PROPOSED SEWER (PRIVATE)
- PROPOSED SEWER (PUBLIC)
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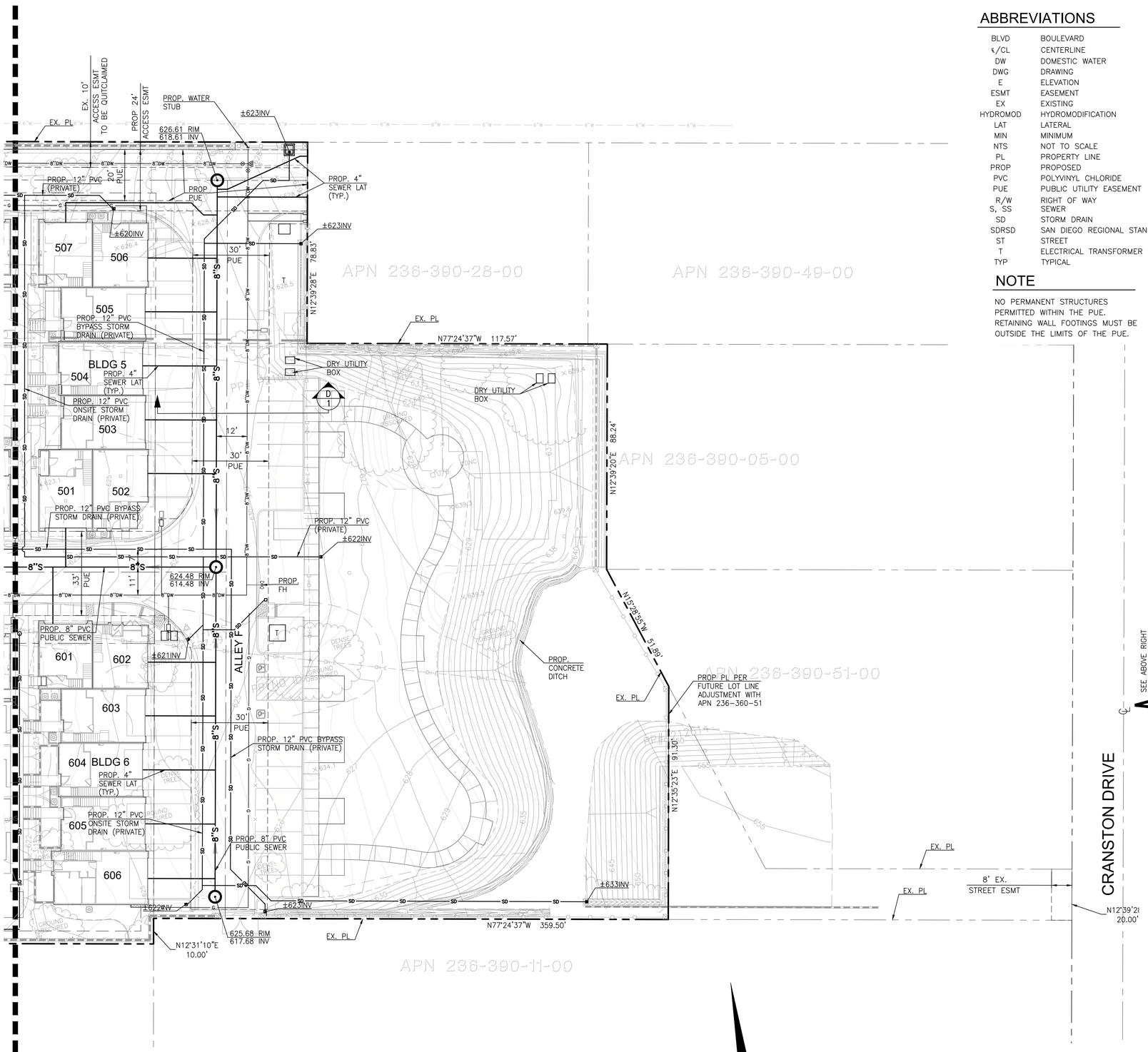
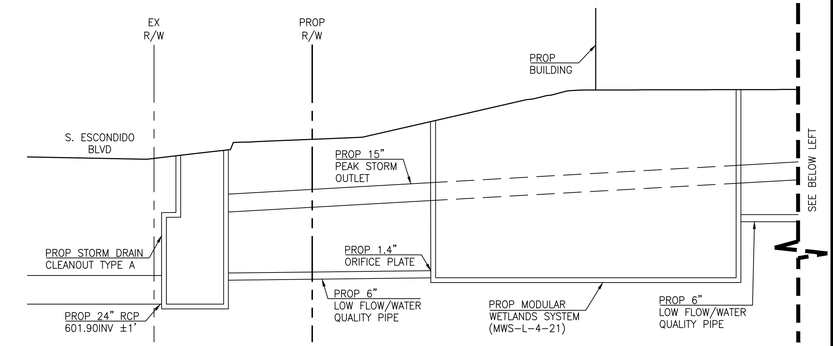
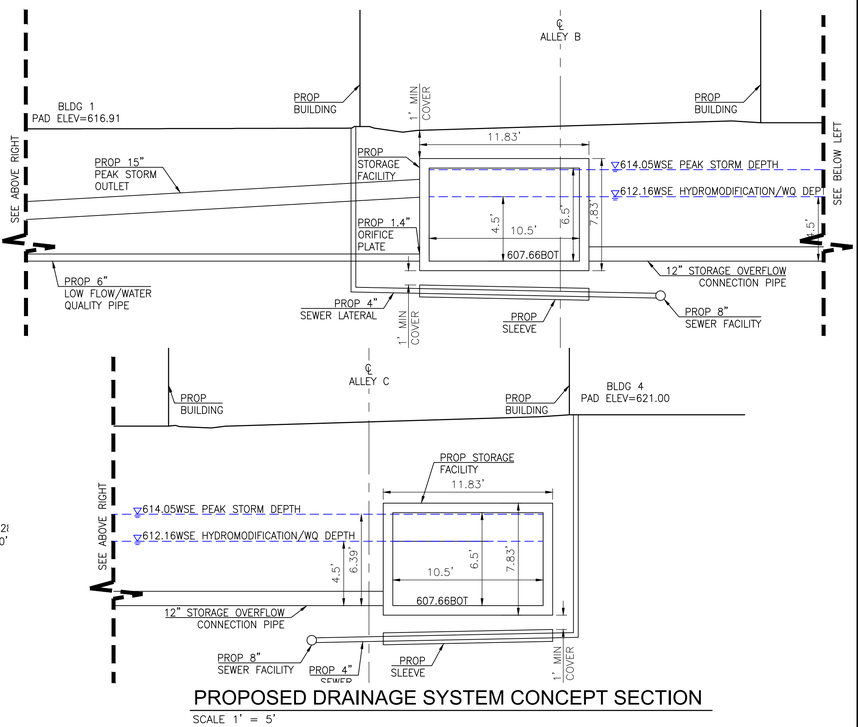
- PROPOSED STORM DRAIN (PRIVATE)
- PROPOSED 2" WATER METER PER ESCONDIDO STD. DWG W-2-E & BACKFLOW PREVENTER PER STD. DWG W-10-E
- PROPOSED 1" WATER METER PER ESCONDIDO STD. DWG W-1-E
- 62 PROPOSED UNIT NUMBER
- PROPOSED FIRE HYDRANT PER CITY OF ESCONDIDO STD. DWG W
- PROPOSED CURB INLET TYPE C PER SDRSD. DWG. D-03A (PRIVATE)
- PROPOSED 12" X 12" GRATE INLET
- T PROPOSED ELECTRICAL TRANSFORMER
- PROPOSED DRY UTILITY BOX

NOTE

NO PERMANENT STRUCTURES PERMITTED WITHIN THE PUE. RETAINING WALL FOOTINGS MUST BE OUTSIDE THE LIMITS OF THE PUE.







PROPOSED DRAINAGE SYSTEM CONCEPT SECTION

SCALE 1' = 5'

20' 0' 10' 20'

SCALE: 1" = 20'

ESCONDIDO City of Choice

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REGISTERED PROFESSIONAL ENGINEER ERIC LISSNER NO. 84264 CIVIL STATE OF CALIFORNIA

UTILITY MAP
TENTATIVE SUBDIVISION MAP SUB20-0006
CITY OF ESCONDIDO, CALIFORNIA

SHEET 6 OF 7

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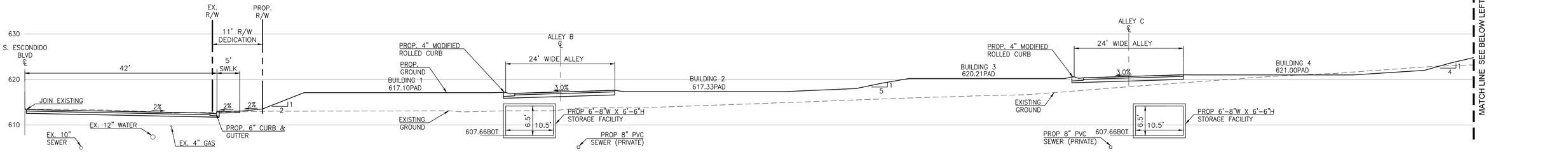
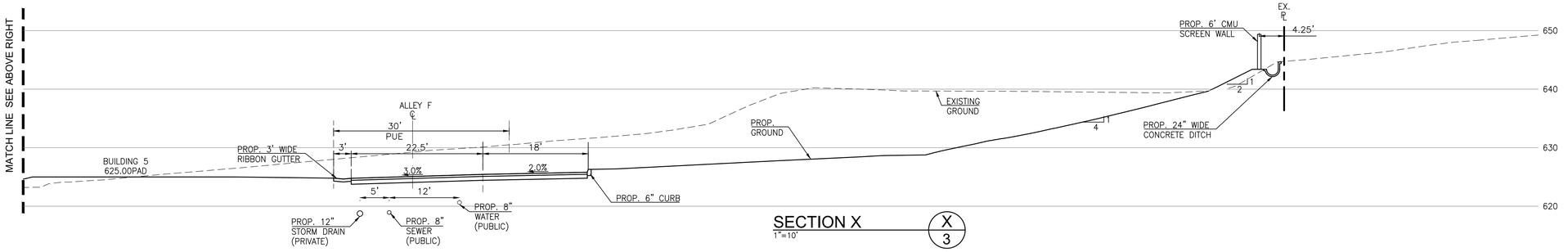
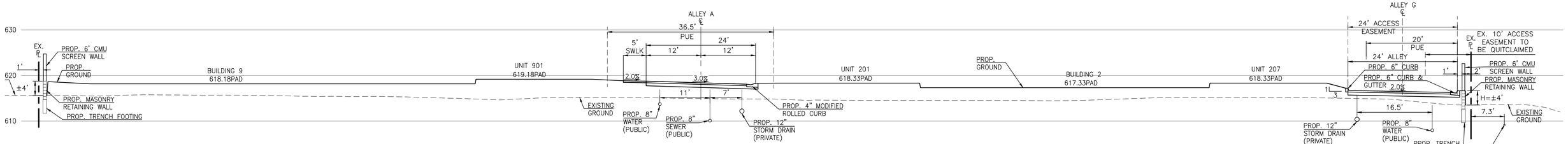
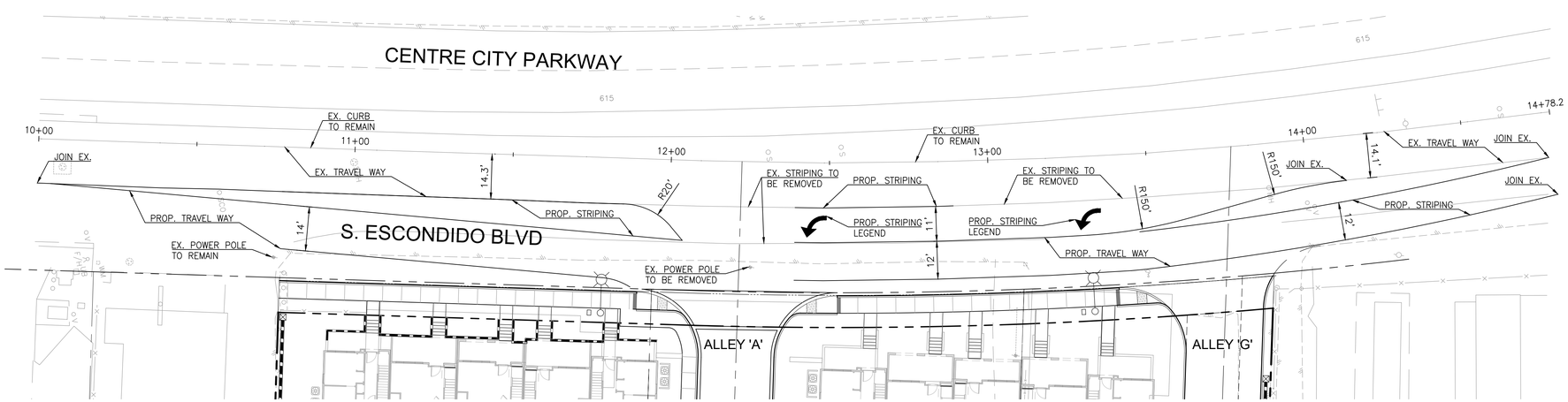




SECTION X
1"=10'
X 3



SECTION Y
1"=10'
Y 3



PROPOSED STRIPING AT ESCONDIDO BLVD.
1"=20'
Z 3

NOTE:

STRIPING TO BE CONFIRMED IN FINAL ENGINEERING PHASE BY PROJECT TRAFFIC ENGINEER, PROJECT CIVIL ENGINEER, AND CITY STAFF INPUT BASED UPON AVAILABLE RIGHT-OF-WAY AND EXISTING CONDITIONS.

20' 0' 10' 20'
SCALE: 1" = 20'

ESCONDIDO
City of Choice

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REGISTERED PROFESSIONAL ENGINEER
ERIC LISSNER
NO. 84264
CIVIL
STATE OF CALIFORNIA

DETAILS & SECTIONS
TENTATIVE SUBDIVISION MAP SUB20-0006
CITY OF ESCONDIDO, CALIFORNIA

SHEET 7 OF 7

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