

CARRIER PRELIMINARY PLAT PLANS



SCALE: AS NOTED
 PROJECT MANAGER: BRETT K. PUDISTIS, PE
 PROJECT ENGINEER: BRETT K. PUDISTIS, PE
 DESIGNER: CHRIS WISCOMB
 ISSUE DATE: 1/23/2018

BASIS OF BEARING

MERIDIAN: WASHINGTON STATE PLAN COORDINATE SYSTEM - NORTH ZONE (NAD 83/91)

DATUM

ORIGINATING BENCHMARK: KING COUNTY MONUMENT DESIGNATION 1940, AS PUBLISHED IN WGS SURVEY DATA WAREHOUSE.

VERTICAL DATUM: NAVD '88

ELEVATION: 393.25

LEGAL DESCRIPTION

TPN: 1240700035
 THE WEST HALF OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 25 NORTH, RANGE 6 EAST, W.M., IN KING COUNTY, WASHINGTON;

EXCEPT THE SOUTHERLY 30 FEET FOR COUNTY ROAD;

(ALSO KNOWN AS THE WESTERLY HALF OF TRACT 16 OF THE UNRECORDED PLAT OF BURKE & FARRAR'S KIRKLAND ADDITION, DIVISION NO. 18)

TOGETHER WITH THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 33, TOWNSHIP 25 NORTH, RANGE 6 EAST, W.M., IN KING COUNTY, WASHINGTON;

EXCEPT THE SOUTH 30 FEET AND THE WEST 30 FEET FOR ROADS;

(ALSO KNOWN AS TRACT 7 OF THE UNRECORDED PLAT OF BURKE & FARRAR'S ADDITION TO KIRKLAND DIVISION NO. 18)

SITUATE IN THE CITY OF SAMMAMISH, COUNTY OF KING, STATE OF WASHINGTON.

REFERENCES:

- RECORD OF SURVEY FOR THE CITY OF SAMMAMISH REC. IN VOL. 155 OF SURVEYS, PGS. 22 AND 22A, REC. NO. 20020910900001.
- RECORD OF SURVEY FOR CHAFFY HOMES, INC. REC. IN VOL. 167 OF SURVEYS, PG. 166, REC. NO. 20040209900002.

RESTRICTIONS OF RECORD:

1. SUBJECT TO THE NOTICE OF TAP OR CONNECTION CHARGES DUE OR SHALL BE DUE WITH DEVELOPMENT OR RE-DEVELOPMENT TO SAMMAMISH PLATEAU WATER AND SEWER DISTRICT AS RECORDED UNDER RECORDING NUMBERS: 9011150805, 9307301617, 9811051363, 9901150609, 20040414002865, 20041201000040, 20080128001770, 20110106000751, 20110106000800, 20110106000801, 20110106000802, 20130917002142, 20130917002143, 20130917002144, 20130917002145, 20141201000777, 20141201000778, 20141201000779 AND 20141201000780.

2. SUBJECT TO SEWER CAPACITY CHARGES LEVIED BY KING COUNTY AND/OR THE CITY OF SAMMAMISH DUE IN CONNECTION WITH THE DEVELOPMENT OF SAID PREMISES.

3. SUBJECT TO EXCEPTIONS AND RESERVATIONS IN DEED FROM WEYERHAEUSER TIMBER CO. UNDER REC. NO. 382528, RESERVING RIGHTS TO ALL ORES AND MINERALS.

SCHEDULE B SPECIAL EXCEPTIONS

- SUBJECT TO THE NOTICE OF TAP OR CONNECTION CHARGES DUE OR SHALL BE DUE WITH DEVELOPMENT OR RE-DEVELOPMENT TO SAMMAMISH PLATEAU WATER AND SEWER DISTRICT AS RECORDED UNDER RECORDING NUMBERS: 9011150805, 9307301617, 9811051363, 9901150609, 20040414002865, 20041201000040, 20080128001770, 20110106000751, 20110106000800, 20110106000801, 20110106000802, 20130917002142, 20130917002143, 20130917002144, 20130917002145, 20141201000777, 20141201000778, 20141201000779 AND 20141201000780.
- SUBJECT TO SEWER CAPACITY CHARGES LEVIED BY KING COUNTY AND/OR THE CITY OF SAMMAMISH DUE IN CONNECTION WITH THE DEVELOPMENT OF SAID PREMISES.
- SUBJECT TO EXCEPTIONS AND RESERVATIONS IN DEED FROM WEYERHAEUSER TIMBER CO. UNDER REC. NO. 382528, RESERVING RIGHTS TO ALL ORES AND MINERALS.

NOTES

- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION EXISTING AT THAT TIME.
- UNDERGROUND UTILITIES WERE LOCATED BASED ON THE SURFACE EVIDENCE OF UTILITIES (I.E. PAINT MARKS, SAW CUTS IN PAVEMENT, COVERS, LIDS ETC.) THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- NO PROPERTY CORNERS WERE SET IN CONJUNCTION WITH THIS SURVEY.

BENCHMARKS

ORIGINAL BM: TOP OF CONC MON WITH 3" BRASS DISC STAMPED "KING COUNTY SURVEY MONUMENT 1940" DOWN 0.75" IN CASE AT THE INTERSECTION OF SE 8TH ST. AND 212TH AVE. SE. SW CORNER SEC. 33, TWP. 25N., RGE. 6E., W.M. WGS SURVEY DATA WAREHOUSE POINT NO. 1428. ELEV.=393.25

TBM - A: WEST CAP BOLT OF FIRE HYDRANT 8.5' NORTH OF NORTH EDGE OF ASPHALT, SE 8TH ST. AND ABOUT 140' EAST OF THE INTERSECTION OF SE 8TH ST. AND 214TH AVE. SE. ELEV.=369.10

SITE DATA

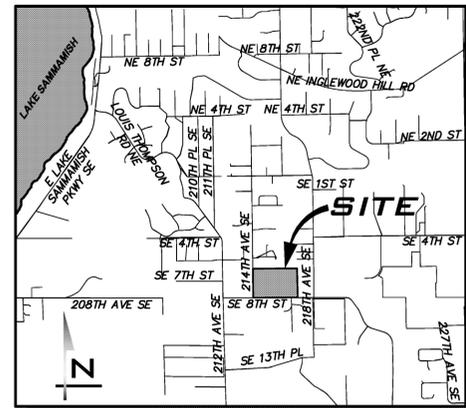
SITE ADDRESS: 742 214TH AVE SE SAMMAMISH, WA
 TAX ACCOUNT NUMBERS: 1240700035 & 1240700086
 EXISTING ZONING: R6
 PROPOSED ZONING: R6
 GROSS SITE AREA: 615,872 SF (14.14 AC)
 NUMBER OF LOTS PROPOSED: 35
 AVERAGE LOT SIZE: 5,030 SF
 MINIMUM LOT SIZE: 4,297 SF (LOT 15)
 REC SPACE REQUIRED: 35 x 390 = 13,650 SF REQUIRED
 REC SPACE PROVIDED: 27,799 SF (TRACT C + TRACT G)
 SETBACKS:
 STREET: 10'
 GARAGE: 20'
 INTERIOR: 5'
 FROM CAT: 15'

SITE AREAS

LOT AREA: 176,578 SF (4.05 AC)
 ACCESS/UTILITY: (TRACT A) 2,154 SF (0.05 AC)
 J.U.D./UTILITIES: (TRACT B) 2,148 SF (0.05 AC)
 RECREATION SPACE: (TRACT C) 13,811 SF (0.32 AC)
 CRITICAL AREA: (TRACT D) 319,409 SF (7.33 AC)
 ACCESS/UTILITY: (TRACT E) 2,583 SF (0.06 AC)
 PUBLIC ACCESS: (TRACT F) 502 SF (0.01 AC)
 RECREATION SPACE: (TRACT G) 13,998 SF (0.32 AC)
 OPEN SPACE: (TRACT H) 32,426 SF (0.75 AC)
 ROW DEDICATION: 52,273 SF (1.20 AC)
 TOTAL SITE AREA: 615,872 SF (14.14 AC)

DENSITY CALCULATIONS

GROSS AREA: 615,872 SF
 *EXISTING CRITICAL AREAS & BUFFERS 305,122 SF
 ROW DEDICATION: 52,273 SF
 OTHER ROADS (TRACTS A & E) 4,737 SF
 NET SITE AREA: 253,761 SF (5.83 AC)
 MAX DENSITY: 6 DU/AC X 5.83 AC = 34.98 UNITS
 PROPOSED UNITS: 35
 *SEE SHEET EC-01



VICINITY MAP NOT TO SCALE

PROJECT TEAM

APPLICANT

TOLL WA, LP
 9720 NE 120TH PL
 KIRKLAND, WA 98034
 CONTACT: JEFF PETERSON
 (425) 825-1955

WETLAND CONSULTANT

WETLAND RESOURCES
 9505 10TH AVE SE, SUITE 106
 EVERETT, WA 98208
 CONTACT: SCOTT BRAINARD
 PHONE: (425) 337-3174

CIVIL ENGINEER

THE BLUELINE GROUP
 25 CENTRAL WAY, SUITE 400
 KIRKLAND, WA 98033
 CONTACT: BRETT K. PUDISTIS, PE
 (425) 216-4051 x247

SURVEYOR

MEAD GILMAN & ASSOC.
 P.O. BOX 289
 WOODINVILLE, WA 98072
 CONTACT: SHANE BARNES, PLS
 (425) 488-1252

UTILITY PURVEYORS

WATER SUPPLY: SAMMAMISH PLATEAU WATER & SEWER DISTRICT 425-392-4931
 SANITARY SEWER: SAMMAMISH PLATEAU WATER & SEWER DISTRICT 425-392-4931
 FIRE DISTRICT: EASTSIDE FIRE AND RESCUE 425-313-3200
 SCHOOL DISTRICT: LAKE WASHINGTON #414 425-936-1200

SHEET INDEX

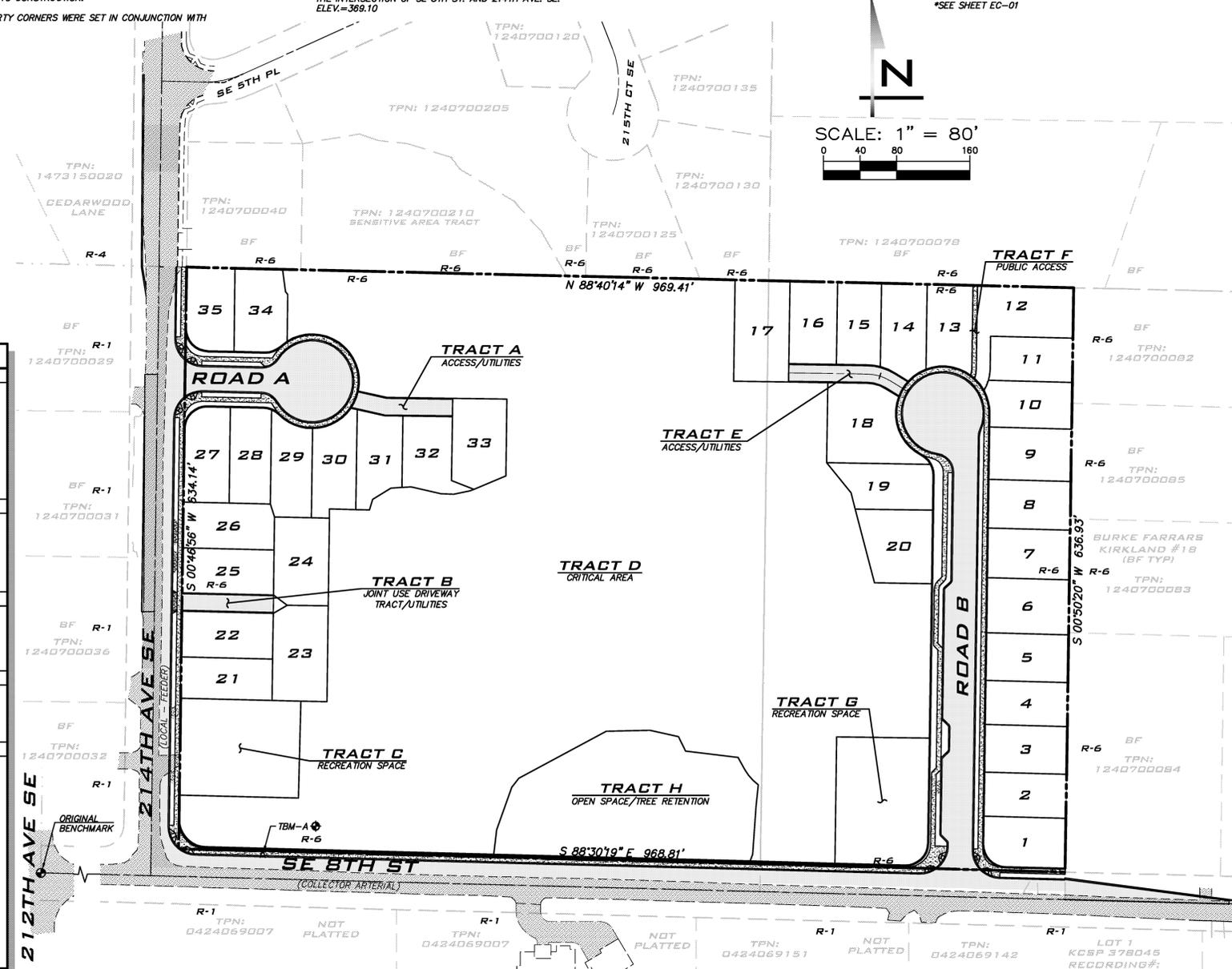
- CV-01 COVER SHEET
- EC-01 EXISTING CONDITIONS
- TR-01 BUFFER AVERAGING & TREE REMOVAL PLAN
- SP-01 PRELIMINARY SITE PLAN
- GP-01 PRELIMINARY CLEARING AND GRADING PLAN
- RS-01 PRELIMINARY STORM DRAINAGE PLAN
- SW-01 PRELIMINARY SEWER & WATER PLAN
- RP-01 PRELIMINARY ROAD PROFILES
- RD-01 PRELIMINARY ROAD SECTIONS & DETAILS
- LS-01 TREE RETENTION PLAN
- LS-02 REPLACEMENT TREES
- LS-03 TREE RETENTION CALCULATIONS
- LS-04 LANDSCAPE PLAN NOTES AND DETAILS

CITY FILE NO: PSUB 2016-00026

UNDERGROUND UTILITY NOTE

UNDERGROUND UTILITIES ARE SHOWN IN THE APPROXIMATE LOCATION. THERE IS NO GUARANTEE THAT ALL UTILITY LINES ARE SHOWN, OR THAT THE LOCATION, SIZE AND MATERIAL IS ACCURATE. THE CONTRACTOR SHALL UNCOVER ALL INDICATED PIPING WHERE CROSSING, INTERFERENCES, OR CONNECTIONS OCCUR PRIOR TO TRENCHING OR EXCAVATION FOR ANY PIPE OR STRUCTURES, TO DETERMINE ACTUAL LOCATIONS, SIZE AND MATERIAL. THE CONTRACTOR SHALL MAKE THE APPROPRIATE PROVISION FOR PROTECTION OF SAID FACILITIES. THE CONTRACTOR SHALL NOTIFY ONE CALL AT 8-1-1 (WASHINGTON811.COM) AND ARRANGE FOR FIELD LOCATION OF EXISTING FACILITIES BEFORE CONSTRUCTION.

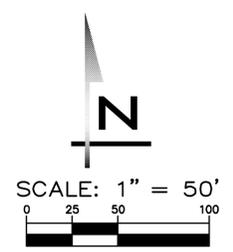
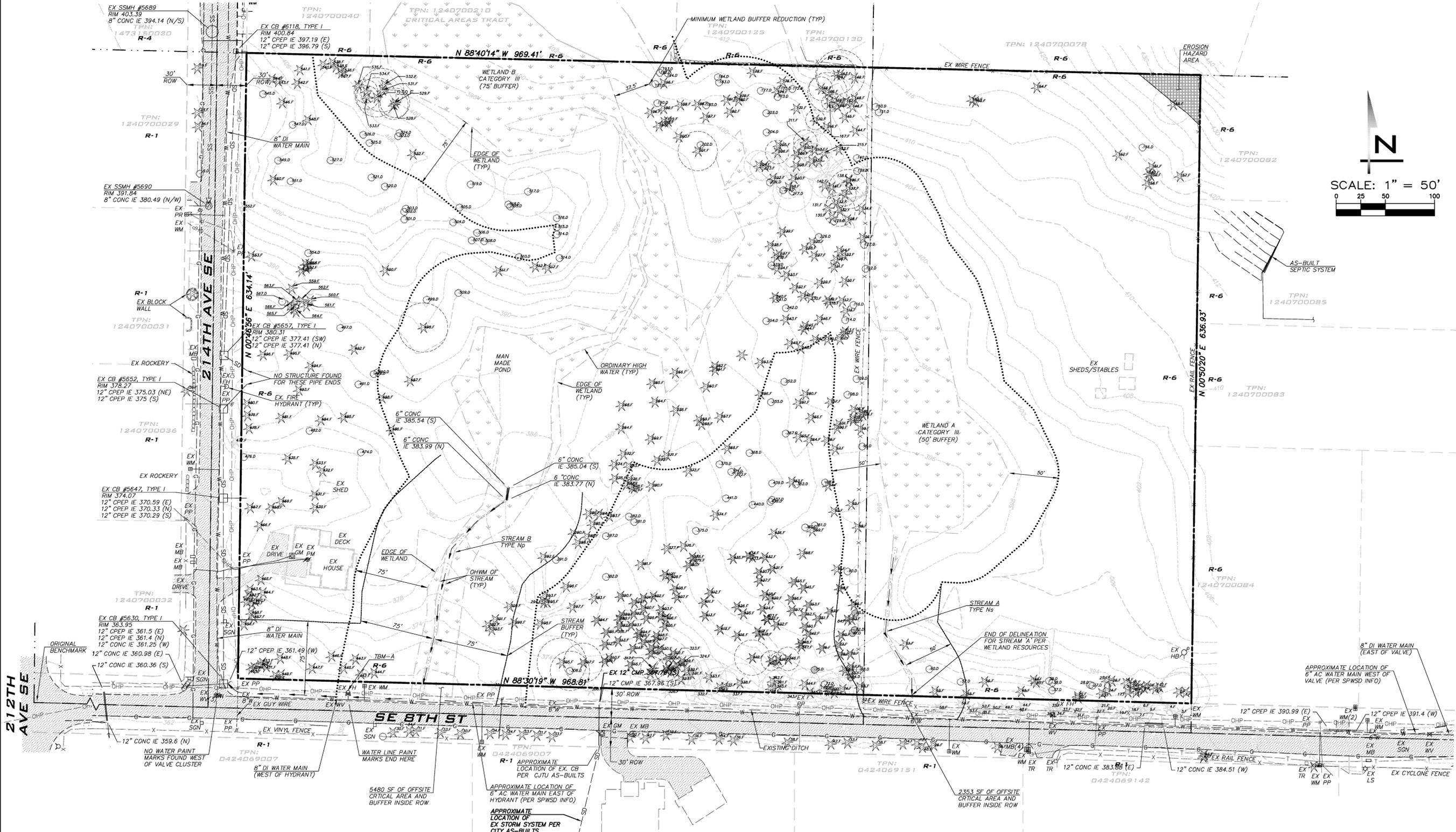
LEGEND	
PROPOSED FEATURES	
--- BOUNDARY	--- CURB RAMP
--- RIGHT-OF-WAY	--- ASPHALT PAVEMENT
--- LOT LINE	--- SIDEWALK
--- CURB FLOWLINE	
--- SIDEWALK	
--- CENTER LINE	
--- SAWCUT	
--- EASEMENT	
--- BUILDING SETBACK (BSBL)	
GRADING AND TESC FEATURES	
--- 10' PROPOSED CONTOURS	--- INTERIM CATCH BASIN PROTECTION (GRAVEL)
--- 2' PROPOSED CONTOURS	--- FILTER FENCE
--- CLEARED AREA	--- LIMITS OF CLEARING
PROPOSED STORM DRAINAGE	
--- STORM DRAIN PIPE	--- TYPE II CB - STANDARD GRATE
--- TYPE I CB - STANDARD GRATE	--- TYPE II CB - LOCKING LID
--- TYPE I CB - LOCKING LID	--- PIPE FLOW
--- CULVERT END	
PROPOSED SANITARY SEWER AND WATER	
--- SEWER MAIN	--- TEE W/ CONC BLOCKING
--- WATER MAIN	--- BEND W/ CONC BLOCKING
--- SEWER MANHOLE	
--- PIPE FLOW	
EXISTING FEATURES	
--- ADJACENT PLAT/PARCEL LINE	--- CATCH BASIN, TYPE I
--- ADJACENT RIGHT-OF-WAY	--- SEWER MANHOLE
--- CENTERLINE	--- SS PIPE FLOW
--- EASEMENT	--- FIRE HYDRANT
--- SURFACE FEATURES	--- WATER METER
--- BUILDING FOOTPRINT	--- GATE VALVE
--- WETLAND BUFFER	--- POWER POLE
--- 10' CONTOURS	--- ASPHALT
--- 2' CONTOURS	--- CONCRETE
--- SD - STORM DRAIN PIPE	--- GRAVEL
--- SS - SEWER MAIN	
--- W - WATER MAIN	
--- OHP - AERIAL POWER LINE	
--- WIRE FENCE	
--- CHAINLINK FENCE	
--- BOARD FENCE	
--- DITCH OR SWALE	



COVER SHEET
 CARRIER
 PRELIMINARY PLAT PLANS
 1240700035
 CITY OF SAMMAMISH
 WASHINGTON



12/12/17
 JOB NUMBER: 15-111
 SHEET NAME: CV-01
 SHT 1 OF 13



SCALE:
AS NOTED
PROJECT MANAGER:
BRETT K. PUDIST, PE
PROJECT ENGINEER:
BRETT K. PUDIST, PE
DESIGNER:
CHRIS WSCOMB
ISSUE DATE:
1/23/2018

NO	DATE	BY	REVISIONS
1	9/29/16	BKP	REVISED PER CITY COMMENTS
2	10/14/16	ACL	REVISED PER CITY COMMENTS, S/S/SO LOT 6.7 EASEMENTS
3	1/10/17	BKP	REVISED PER CITY COMMENTS
4	12/12/17	ACL	REVISED STREAM B TYPE AND UPDATED BUFFER CALC

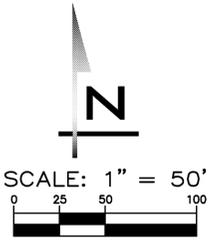
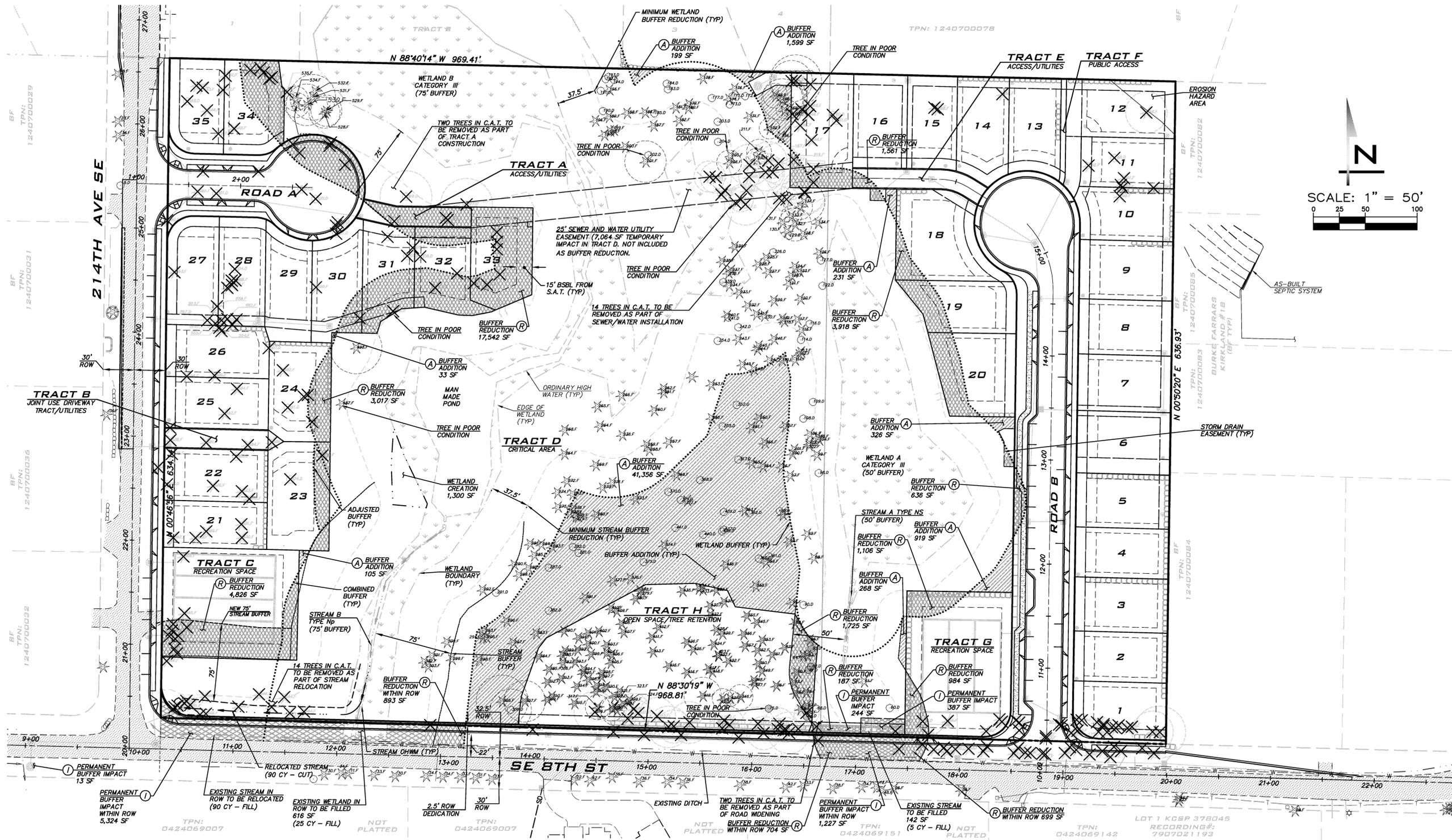
EXISTING CONDITIONS
CARRIER
PRELIMINARY PLAT PLANS
1240700035
CITY OF SAMMAMISH WASHINGTON



12/12/17
JOB NUMBER:
15-111
SHEET NAME:
EC-01
SHT 2 OF 13

AREA SUMMARY
GROSS SITE AREA: 615,872 SF (14.14 ACRES)
ONSITE CRITICAL AREA AND BUFFER: 305,102 SF (7.00 ACRES)

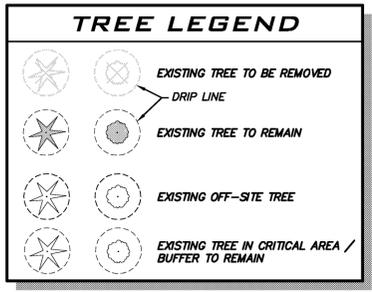
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 ISSUE DATE: 1/23/2018

NO	DATE	BY	REVISIONS
1	9/29/16	BKP	REVISED PER CITY COMMENTS
2	12/14/16	ACL	REVISED PER CITY COMMENTS, S/S 250 LOT 6.7 EASEMENTS
3	1/10/17	BKP	REVISED PER CITY COMMENTS
4	12/12/17	ACL	REVISED STREAM B TYPE AND UPDATED BUFFER CALC

BUFFER AVERAGING & TREE REMOVAL PLAN
 CARRIER
 PRELIMINARY PLAT PLANS
 1240700035
 CITY OF SAMMAMISH WASHINGTON



TREE NOTES

- REFER TO LANDSCAPE PLANS FOR SUMMARY OF TREE RETENTION AND REPLANTING CALCULATIONS.
- TREES REMOVED AS PART OF TRACT D SS AND WA EASEMENT AND AS PART OF SE 8TH ST STREAM RELOCATION TO BE PLACED IN TRACT D. REFER TO PLANS BY WETLAND RESOURCES FOR DETAILS.

BUFFER REDUCTION NOTES

SMC 21A.50.290 (7)
 THE WETLAND BUFFER WIDTH CANNOT BE REDUCED TO LESS THAN 50% OF THE STANDARD BUFFER WIDTH

SMC 21A.50.330 (4)
 THE STREAM BUFFER WIDTH CANNOT BE REDUCED TO LESS THAN 50% OF THE STANDARD BUFFER WIDTH

CRITICAL AREA BUFFER SUMMARY

TOTAL BUFFER REDUCTION (R):	37,798 SF
TOTAL PERMANENT BUFFER IMPACT (I):	7,195 SF
TOTAL BUFFER IMPACT/REDUCTION:	44,993 SF
TOTAL BUFFER ADDITION (A):	45,036 SF

NOTE: TEMPORARY IMPACTS, SUCH AS THOSE ASSOCIATED WITH SEWER AND WATER UTILITY EASEMENT IN TRACT D, ARE NOT INCLUDED IN THE AVERAGING CALCULATIONS

*** OTHER IMPACTS / MITIGATION**

PERMANENT WETLAND B IMPACT (ROW)	616 SF	MITIGATED BY 1,300 SF OF ONSITE WETLAND CREATION
PERMANENT STREAM A IMPACT (ROW)	142 SF	MITIGATED BY HABITAT FEATURES (LWD)
STREAM B RELOCATION (ROW)	163 LF	MITIGATED BY 163 LF OF STREAM CREATION

* SEE CRITICAL AREA NOTE, THIS SHEET

CRITICAL AREA NOTE

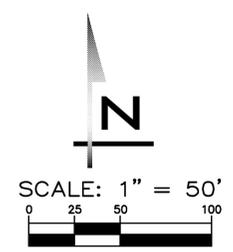
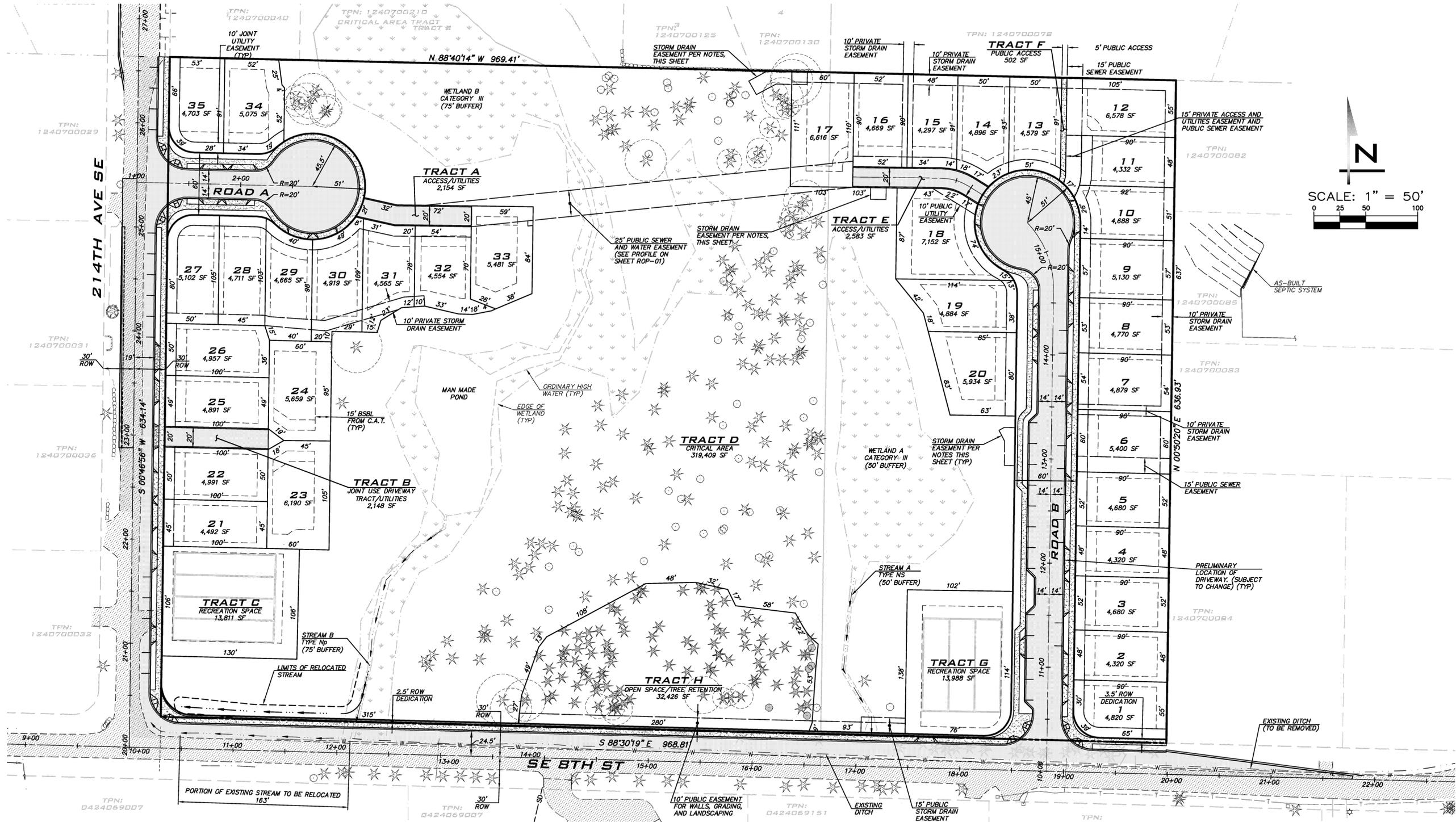
REFER TO CRITICAL AREA STUDY AND CONCEPTUAL MITIGATION PLAN DATED 12/4/17 BY WETLAND RESOURCES, INC FOR FURTHER INFORMATION ON CRITICAL AREAS AND BUFFERS.

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12/12/17
 JOB NUMBER: 15-111
 SHEET NAME: TR-01
 SHT 3 OF 13



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 PROJECT ENGINEER:
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 DESIGNER:
 CHRIS WISCOMB
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3	1/10/17	BKP	REVISED PER CITY COMMENTS
4	12/12/17	ACL	REVISED PER CITY COMMENTS

PRELIMINARY SITE PLAN
 CARRIER
 PRELIMINARY PLAT PLANS
 1240700035
 CITY OF SAMMAMISH WASHINGTON

- SITE NOTES**
- PROPOSED STRUCTURES SHALL BE SINGLE FAMILY RESIDENCES.
 - SEE SHEET TR-01 FOR SUMMARY OF REMOVED TREES.
 - EXISTING HARDSCAPE TO BE REMOVED AS SHOWN ON SHEET GP-01.
 - SEE SHEET RD-01 FOR ROAD SECTIONS.
 - NO STRUCTURES (INCLUDING VAULTS AND WALLS GREATER THAN 4') ALLOWED WITHIN 15' BSBL FROM CAT.
 - LOTS 11 AND 12 TO HAVE SHARED JOINT USE DRIVEWAY LOCATED IN EASEMENT OVER LOT 12.

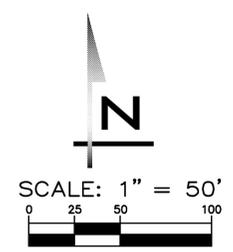
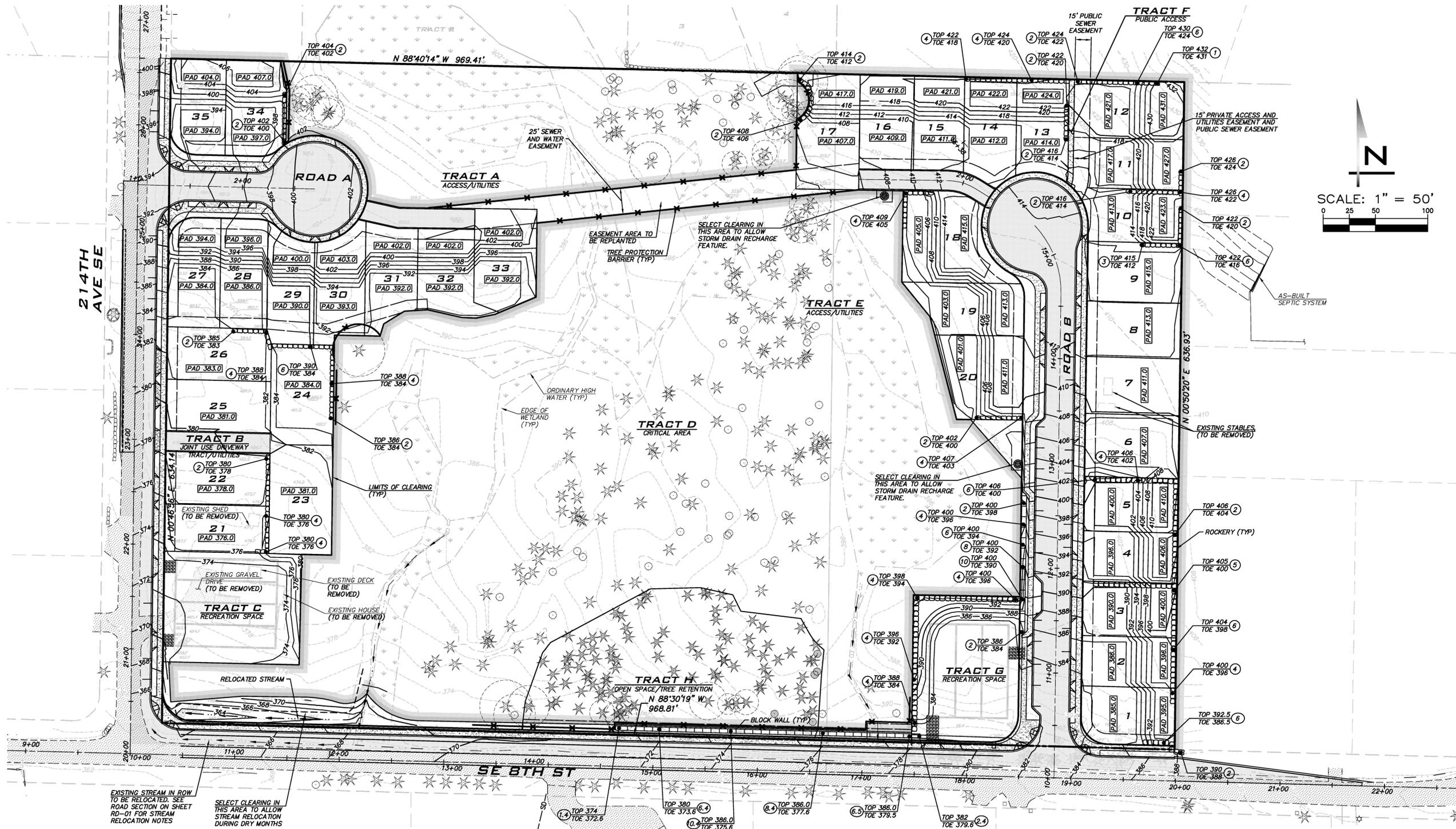
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- EASEMENT NOTES**
- TRACTS C AND G TO BE ENCUMBERED BY PUBLIC STORM DRAIN EASEMENTS
 - WETLAND RECHARGE FACILITIES IN TRACT D TO BE PLACED IN PUBLIC STORM DRAIN EASEMENTS



12/12/17
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 15-111
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 SP-01
 SHT 4 OF 13



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2	12/14/18	ACL	REVISED SS/VA CROSSING, SS/SO LOT 6.7 EASEMENTS
3	1/10/19	BKP	REVISED PER CITY COMMENTS
4	12/12/17	ACL	REVISED STREAM B TYPE AND UPDATED BUFFER CALC

PRELIMINARY CLEARING AND GRADING PLAN
 CARRIER
 PRELIMINARY PLAT PLANS
 1240700035
 CITY OF SAMMAMISH WASHINGTON

- NOTES**
- ONSITE EXISTING STRUCTURES AND HARDSCAPE TO BE REMOVED UNLESS OTHERWISE NOTED.
 - TREE PROTECTION BARRIERS SHALL BE INSTALLED ALONG THE OUTER EDGE AND COMPLETELY ENCOMPASS THE DRIPLINE OF TREES IDENTIFIED FOR RETENTION. PROTECTION BARRIERS SHALL CONSIST OF FENCING AT LEAST FOUR FEET HIGH, CONSTRUCTED OF CHAIN LINK OR POLYETHYLENE LAMINAR SAFETY FENCING AT LEAST FOUR FEET HIGH, CONSTRUCTED OF CHAIN LINK OR POLYETHYLENE LAMINAR SAFETY FENCING OR SIMILAR MATERIAL; OR TREE PROTECTION FLAGGING SHALL BE INSTALLED ALONG THE OUTER EDGE AND COMPLETELY ENCOMPASS THE DRIP LINE OF TREE IDENTIFIED FOR RETENTION. FLAGGING SHOULD INCLUDE SIGNS READING "TREE SAVE AREA."
 - MINOR ACTIVITIES MAY BE ALLOWED WITHIN THE DRIPLINE OF RETAINED TREES BASED ON TREE SPECIFIC RECOMMENDATIONS PROVIDED BY THE ARBORIST DURING FINAL DESIGN. ACTIVITIES REQUIRE CITY APPROVAL.
 - SEE LANDSCAPE PLANS FOR REPLACEMENT TREE INFORMATION.
 - REFER TO SHEET TR-01 FOR SUMMARY OF REMOVED TREES.
 - INSTALL FALL PROTECTION ALONG WALLS HAVING EXPOSED HEIGHT GREATER THAN 2.5'.

EARTHWORK QUANTITIES
 CUT: 39,058 CY
 FILL: 9,642 CY

NOTE: QUANTITIES ARE PRELIMINARY AND INCLUDE 3,394 CY OF CUT FOR THE WEST VAULT AND 3,293 CY OF CUT FOR THE EAST VAULT

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12/12/17
 JOB NUMBER:
15-111
 SHEET NAME:
GP-01
 SHT 5 OF 13

WEST VAULT NOTES

- VAULT TO BE PRIVATELY MAINTAINED
- INTERIOR WIDTH OF CELLS = 20'
- INTERIOR LENGTH OF CELLS = 96'
- LIVE STORAGE REQUIRED = 44,980 CF
- LIVE STORAGE PROVIDED = 46,080 CF
- DEAD STORAGE REQUIRED = 10,173 CF
- DEAD STORAGE PROVIDED = 11,520 CF
- MAX WATER SURFACE ELEVATION = 370.0
- MAX DEAD/LIVE STORAGE = 364.0
- BOTTOM = 361.0
- VAULT TO BE DESIGNED TO ACCOMMODATE VACTOR TRUCK LOADING
- VAULT TO BE SET BACK MIN. 10' FROM ALL PROPERTY LINES
- PROVIDE 12" WIDE GRAVEL ACCESS ROAD TO CONTROL STRUCTURE AND TO ACCESS POINT IN EACH CELL.

EAST VAULT NOTES

- VAULT TO BE PRIVATELY MAINTAINED
- INTERIOR WIDTH OF CELLS = 24'
- INTERIOR LENGTH OF CELLS = 88'
- LIVE STORAGE REQUIRED = 48,773 CF
- LIVE STORAGE PROVIDED = 50,688 CF
- DEAD STORAGE REQUIRED = 12,636 CF
- DEAD STORAGE PROVIDED = 12,672 CF
- MAX WATER SURFACE ELEVATION = 379.5
- MAX DEAD/LIVE STORAGE = 371.5
- BOTTOM = 368.5
- VAULT TO BE DESIGNED TO ACCOMMODATE VACTOR TRUCK LOADING
- VAULT TO BE SET BACK MIN. 10' FROM ALL PROPERTY LINES
- PROVIDE 12" WIDE GRAVEL ACCESS ROAD TO CONTROL STRUCTURE AND TO ACCESS POINT IN EACH CELL.

STORMWATER NOTES

1. VAULTS SIZED TO MEET LEVEL 3 DETENTION.
2. WATER QUALITY CONSISTS OF LARGE WET VAULT FOLLOWED BY A MEDIA FILTER SYSTEM IN ORDER TO MEET SENSITIVE LAKE WQ REQUIREMENTS.
3. BOTH BASINS COMBINE WITHIN ONE QUARTER MILE DOWNSTREAM.
4. SITE IS IN CARA CLASS 3 ZONE WHICH REQUIRES 75% OF ONSITE STORMWATER VOLUME TO BE INFILTRATED. THIS MAY BE WAIVED IN SOME CIRCUMSTANCES. IT IS EXPECTED THE GEOTECH WILL NEED TO PROVIDE DOCUMENTATION THAT THE ONSITE TILL SOILS ARE NOT CAPABLE OF INFILTRATING.
5. INSTALL CASING WHERE PIPES CROSS BENEATH WALLS.

SITE NOTES

1. PROPOSED STRUCTURES SHALL BE SINGLE FAMILY RESIDENCES.
2. SEE SHEET TR-01 FOR SUMMARY OF REMOVED TREES.
3. EXISTING HARDSCAPE TO BE REMOVED AS SHOWN ON SHEET GP-01.
4. SEE SHEET RD-01 FOR ROAD SECTIONS.
5. NO STRUCTURES (INCLUDING VAULTS AND WALLS GREATER THAN 4') ALLOWED WITHIN 15' BSBL FROM CAT.
6. LOTS 11 AND 12 TO HAVE SHARED JOINT USE DRIVEWAY LOCATED IN EASEMENT OVER LOT 12.

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EASEMENT NOTES

- TRACTS C AND G TO BE ENCUMBERED BY PUBLIC STORM DRAIN EASEMENTS
- WETLAND RECHARGE FACILITIES IN TRACT D TO BE PLACED IN PUBLIC STORM DRAIN EASEMENTS

***WETLAND RECHARGE**

- ROOFS OF LOTS 6,7,8,18,19,20 AND 33 TO DISCHARGE TO LEVEL SPREADER WETLAND RECHARGE.
- RUNOFF FROM YARDS OF LOTS 15-20 AND 31-33 ROOF TOPS FROM LOTS 6-8, 15-20 AND 33 TO BE ROUTED TO WETLAND RECHARGE DEVICES AS NOTED ON THE PLAN.
- LOT 17 ROOF RUNOFF TO BE DISPERSED TO WETLAND VIA SPLASH BLOCKS OR POP-UP EMITTERS
- DISPERSION DEVICES TO BE DESIGNED AT FINAL ENGINEERING OR AT THE TIME OF BUILDING PERMIT SUBMITTAL
- POLLUTION GENERATING IMPERVIOUS SURFACES SHALL NOT BE ROUTED TO THE WETLAND. THE PGIS AREA WILL BE COLLECTED AND ROUTED TO THE DETENTION AND WATER QUALITY FACILITIES FOR TREATMENT



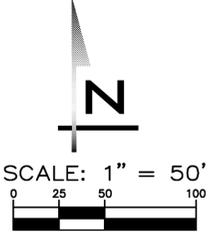
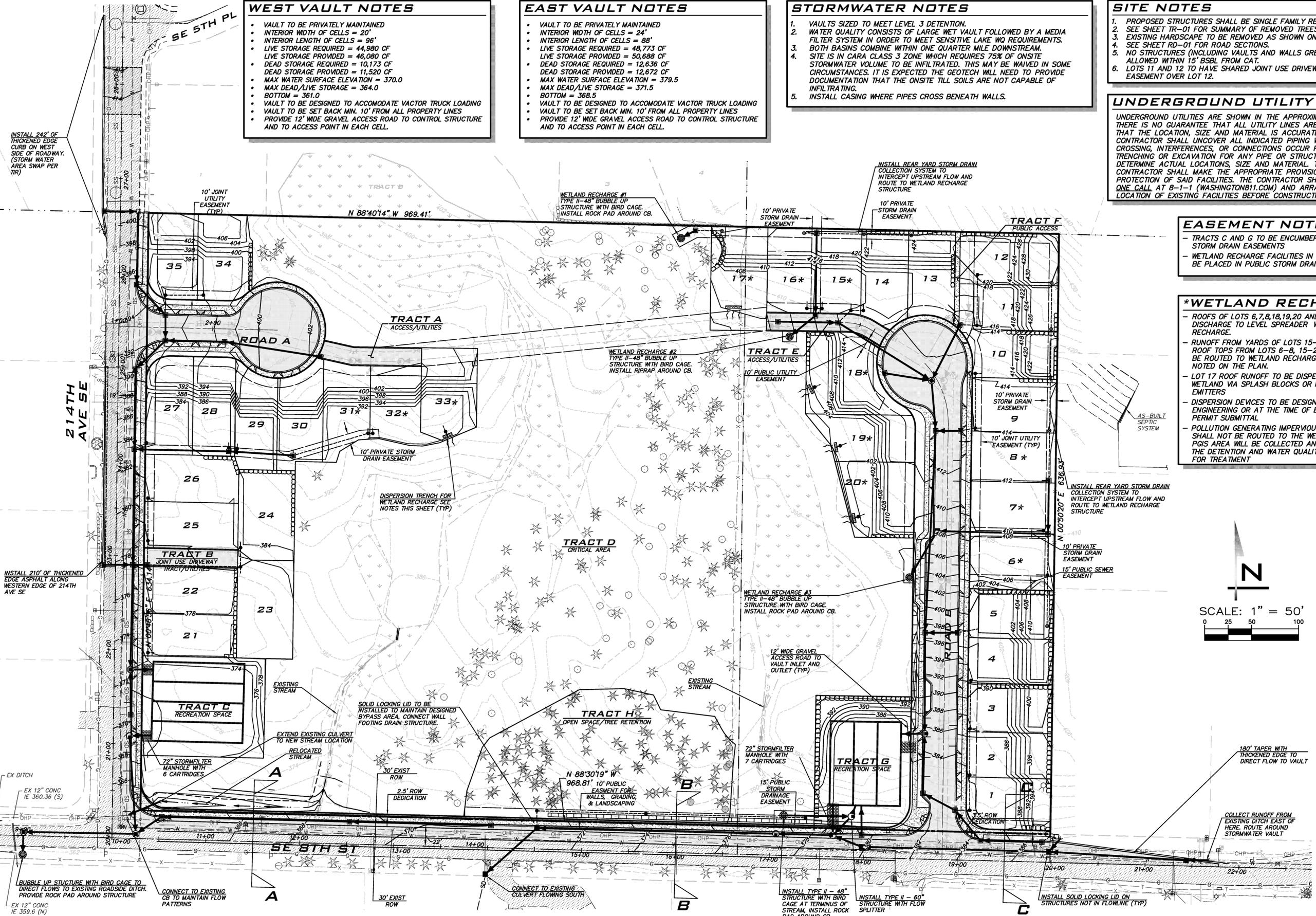
SCALE: AS NOTED
 PROJECT MANAGER: BRETT K. PUDISTIS, PE
 PROJECT ENGINEER: BRETT K. PUDISTIS, PE
 DESIGNER: CHRIS WSCOMB
 ISSUE DATE: 1/23/2018

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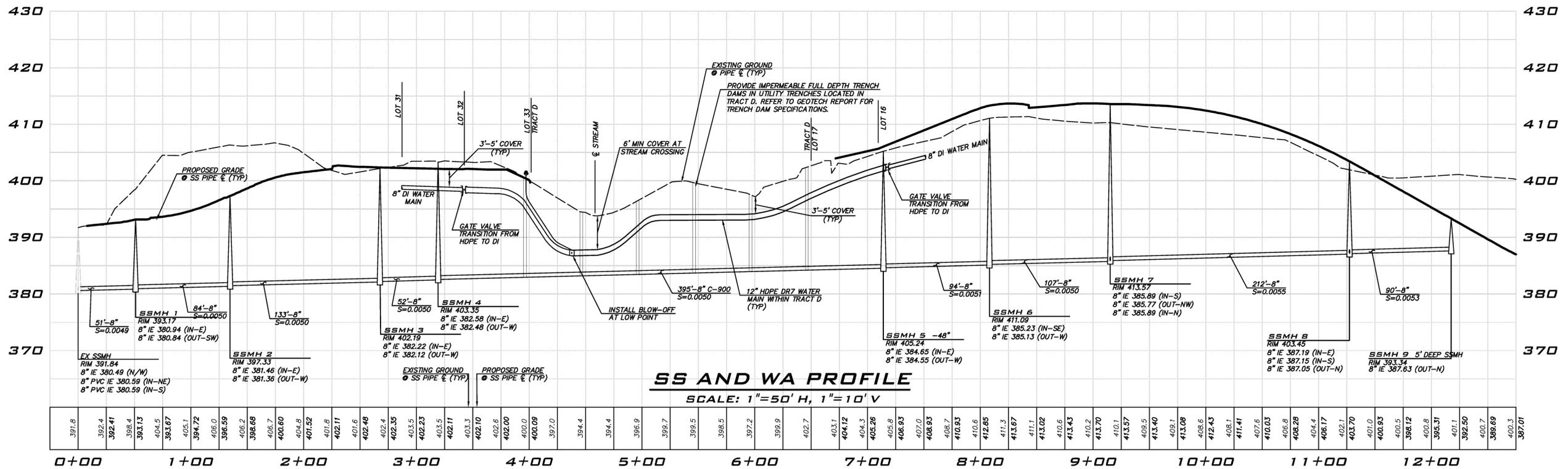
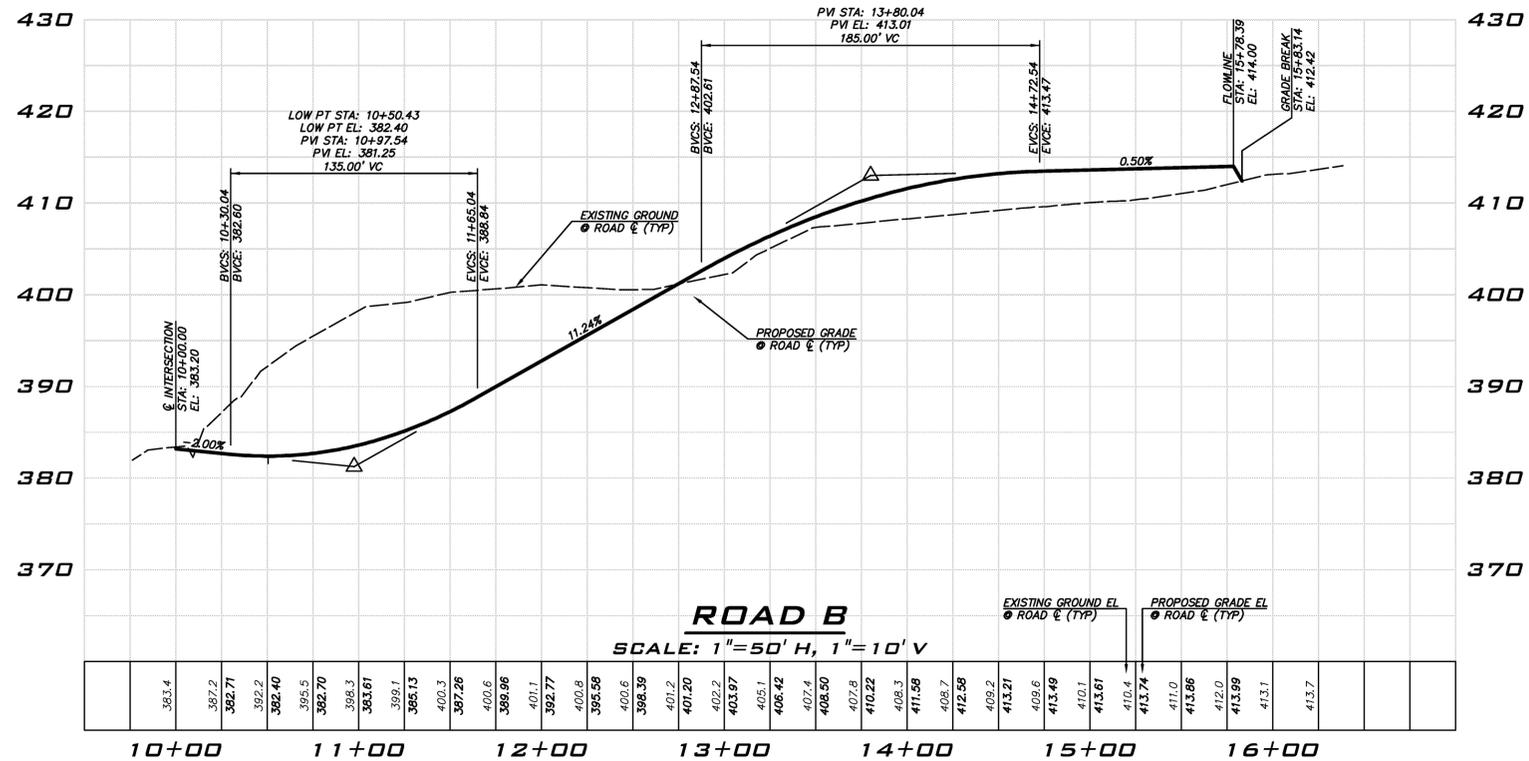
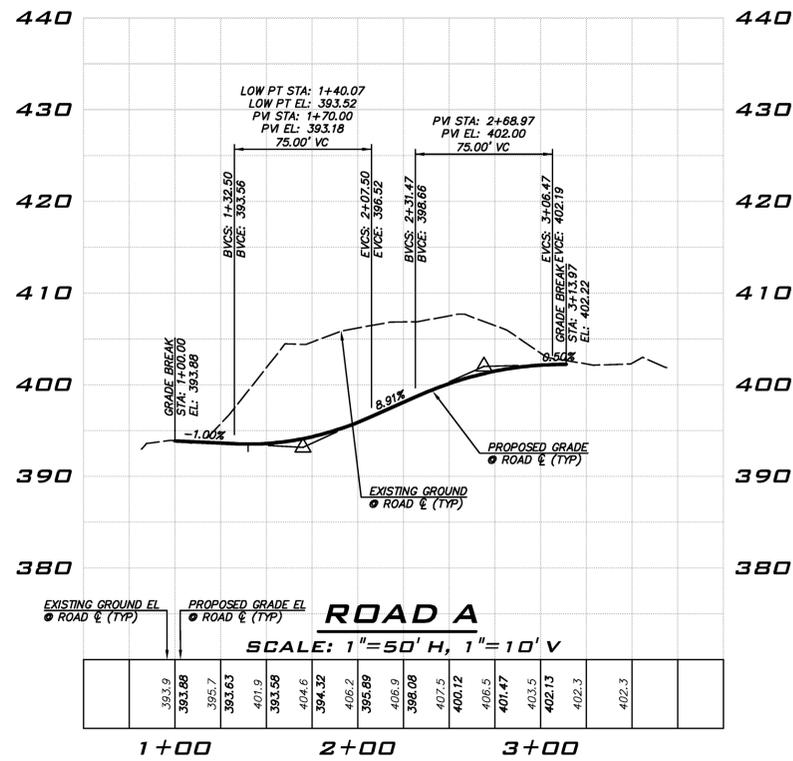
PRELIMINARY STORM DRAINAGE PLAN
 CARRIER
 PRELIMINARY PLAT PLANS
 1240700035
 CITY OF SAMMAMISH WASHINGTON



12/12/17
 JOB NUMBER: 15-111
 SHEET NAME: RS-01



22-234
 Jan 23, 2018 10:59am - User: abance
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HDPE WATER MAIN NOTE
MATERIAL OF WATER MAIN INSTALLED IN TRACT D TO BE HDPE WITH SIMILAR PIPE INNER DIAMETER OF CONNECTING DUCTILE IRON WATER MAIN. CONTRACTOR TO INSTALL 12" HDPE WATER MAIN WITH 12 GAUGE COPPER TRACER WIRE WITHIN TRACT D WITH BUTT WELDED FLANGE FITTINGS AND CONNECT TO THE PROPOSED 8" DUCTILE IRON MAIN IN TRACTS A AND E PER MANUFACTURERS' RECOMMENDATIONS.
FOR REFERENCE:
8" DUCTILE IRON (CLASS 52) WATER MAIN: 8.39" ID (PER US PIPE)
10" HDPE (DR7 - 355 PSI) WATER MAIN: 7.49" ID (PER JM EAGLE)
12" HDPE (DR7 - 355 PSI) WATER MAIN: 8.89" ID (PER JM EAGLE)

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SSMH4 TO SSMH5 NOTE
SEWER PIPE TO BE C-900 BETWEEN SSMH4 AND SSMH5



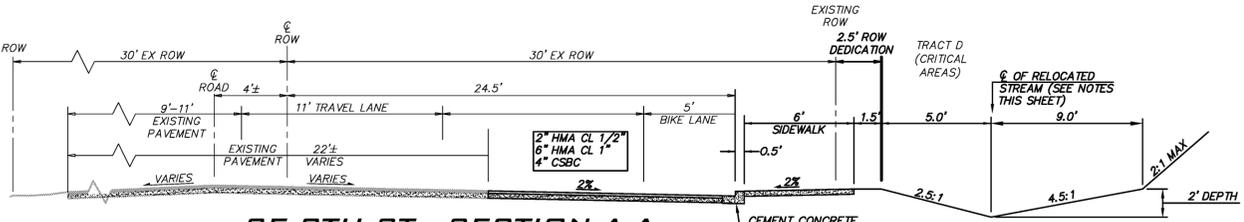
SCALE: AS NOTED
PROJECT MANAGER: BRETT K. PUDISTIS, PE
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4	12/12/17	ACL	REVISED STREAM B TYPE AND UPDATED BUFFER CALCS

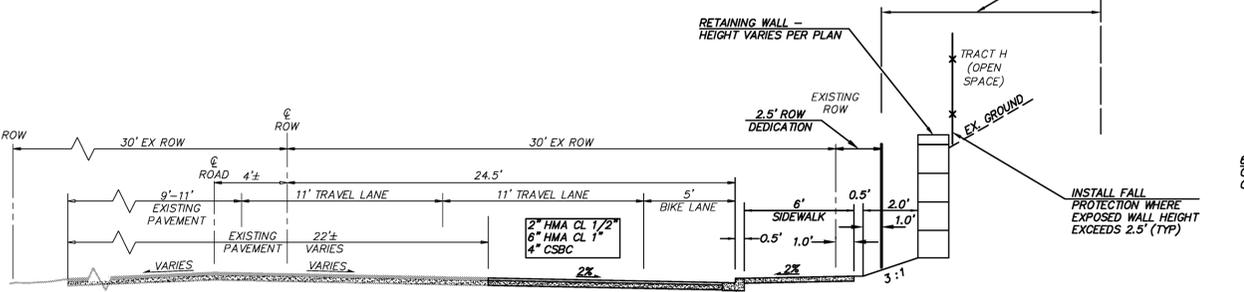
PRELIMINARY ROAD PROFILES
CARRIER
PRELIMINARY PLAT PLANS
1240700035
WASHINGTON
CITY OF SAMMAMISH



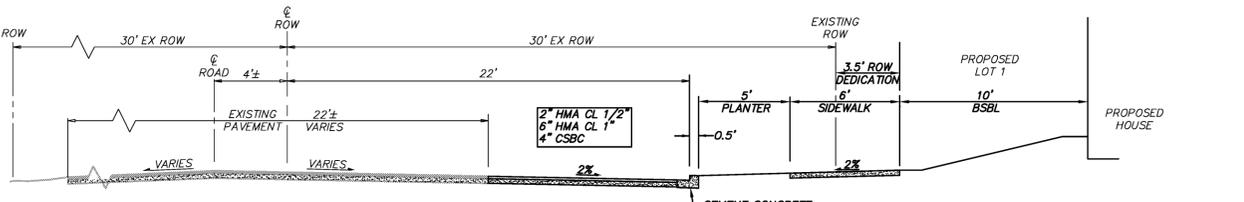
12/12/17
JOB NUMBER: 15-111
SHEET NAME: RP-01
SHT 8 OF 13



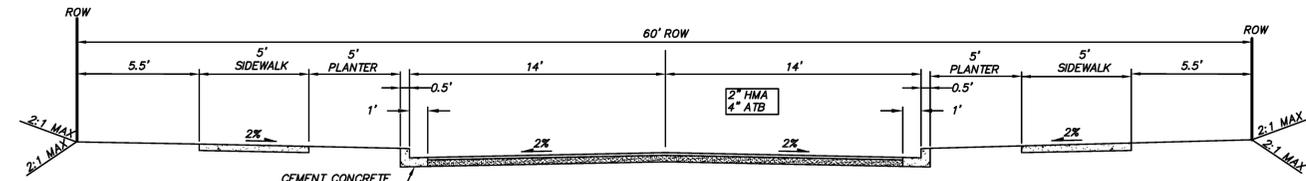
SE 8TH ST - SECTION A-A
(COLLECTOR ARTERIAL)
SCALE: NTS
(STATION 11+50)



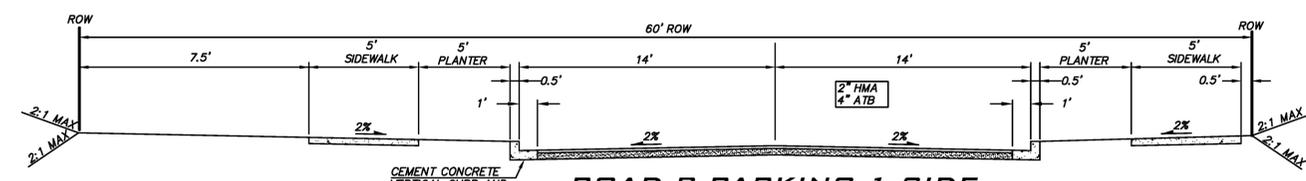
SE 8TH ST - SECTION B-B
(COLLECTOR ARTERIAL)
SCALE: NTS
(STATION 16+00)



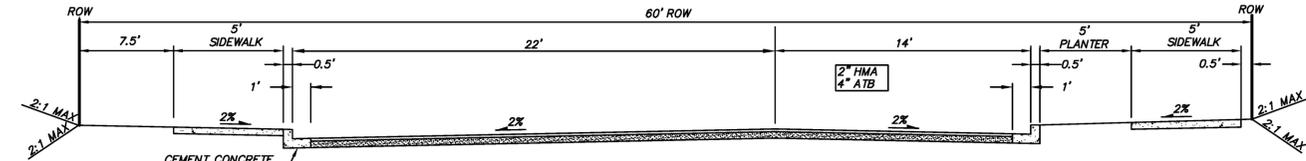
SE 8TH ST - SECTION C-C
(COLLECTOR ARTERIAL)
SCALE: NTS
(STATION 19+50)



ROAD A
SCALE: NTS

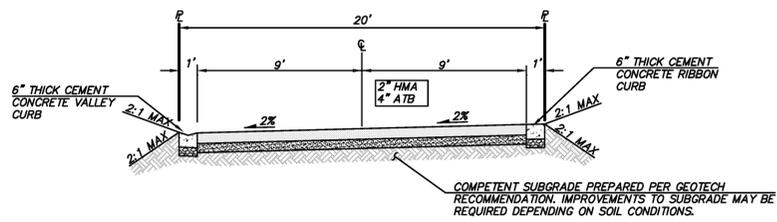


ROAD B PARKING 1 SIDE
SCALE: NTS

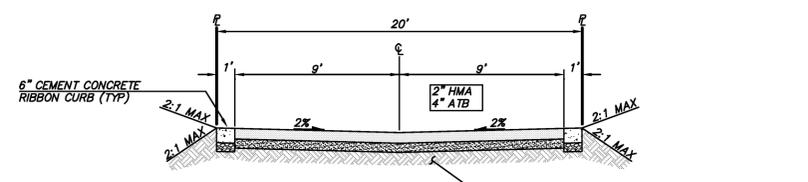


ROAD B PARKING 2 SIDES
SCALE: NTS

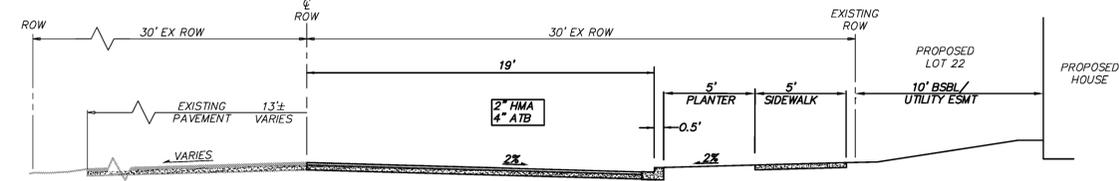
STREAM RELOCATION NOTES
1. EXISTING STREAM WAS GRASS LINED AND VEE SHAPED WITH THE FOLLOWING CHARACTERISTICS:
- AVERAGE DEPTH OF 1.9', 2.2:1 SLOPE ON SOUTH BANK AND 4.4:1 SLOPE ON THE NORTH BANK.
2. STREAM TO BE RELOCATED OUTSIDE OF ROW AND PLANTED PER PLANS BY WETLAND RESOURCES.



PRIVATE TRACTS A & B
SCALE: NTS

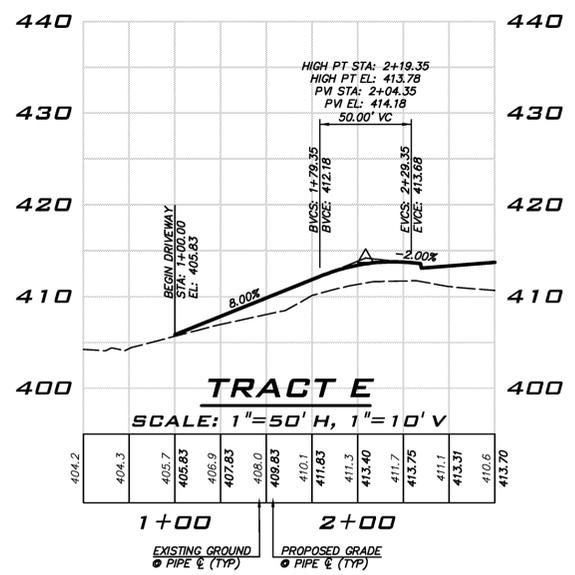


PRIVATE TRACT E
SCALE: NTS



214TH AVE SE
(LOCAL-FEEDER)
SCALE: NTS

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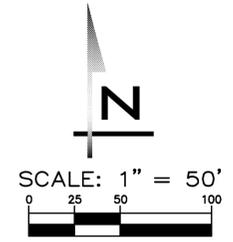
ROAD SECTIONS AND DETAILS
CARRIER
PRELIMINARY PLAT PLANS
1240700035
WASHINGTON
CITY OF SAMMAMISH



12/12/17
JOB NUMBER: 15-111
SHEET NAME: RD-01
SHT 9 OF 13



SCALE:
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BRETT K. PUDISTS, PE
DESIGNER:
CHRIS WISCOMB
ISSUE DATE:
1/23/2018



TREE LEGEND

	EXISTING TREE TO BE REMOVED
	DRIP LINE
	EXISTING TREE TO REMAIN
	EXISTING OFF-SITE TREE
	EXISTING TREE IN CRITICAL AREA / BUFFER TO REMAIN

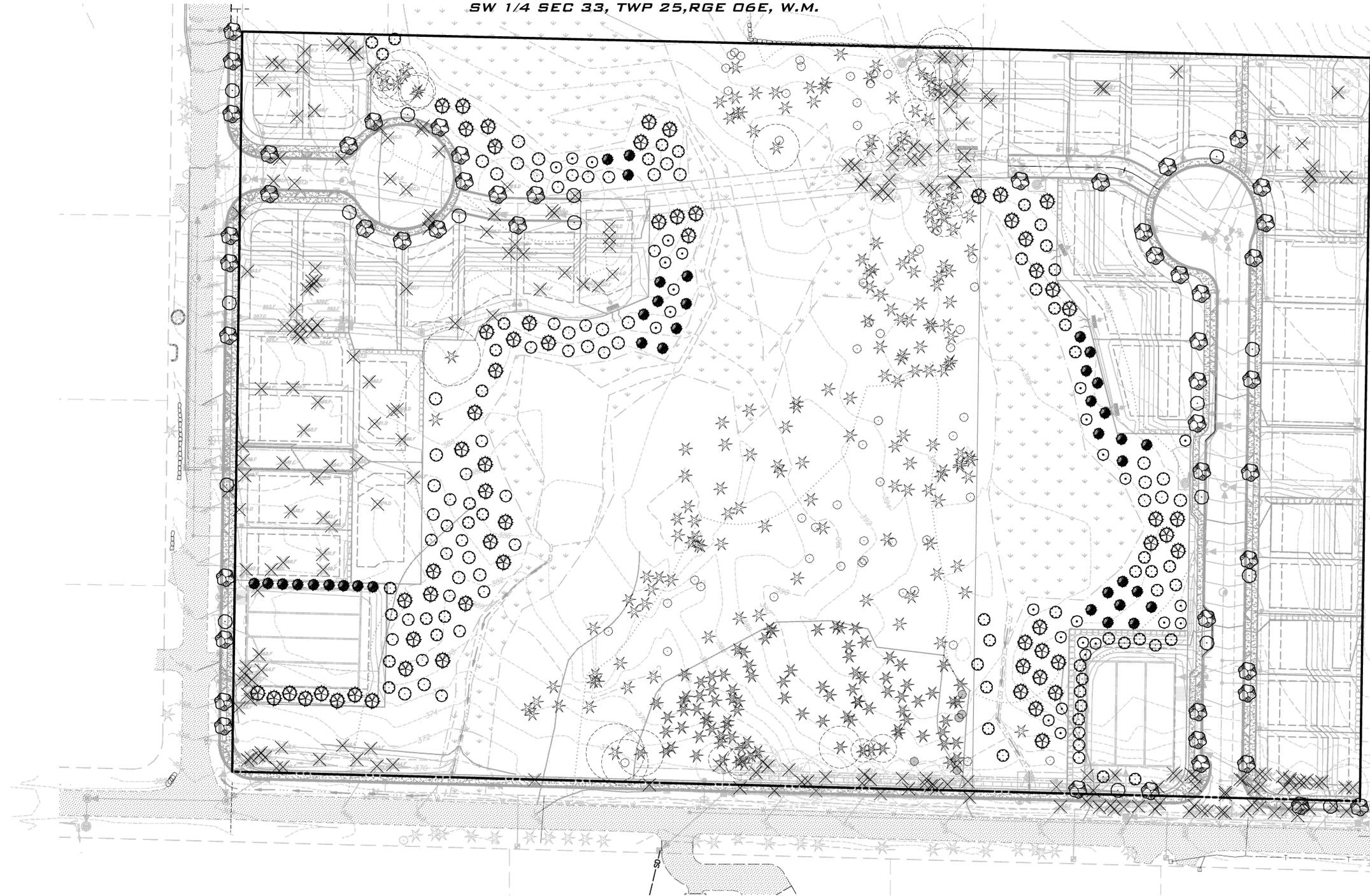
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4	12/12/17	ACL	REVISED STREAM B TYPE AND UPDATED BUFFER CALC

TREE RETENTION PLAN
CARRIER
PRELIMINARY PLAT PLANS
1240700035
CITY OF SAMMAMISH WASHINGTON



12/12/17
JOB NUMBER:
15-111
SHEET NAME:
LS-01
SHT 10 OF 13



SCALE:
AS NOTED
PROJECT MANAGER:
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PROJECT ENGINEER:
BRETT K. PUDISTS, PE
DESIGNER:
CHRIS WISCOMB
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REPLACEMENT TREES
 CARRIER
 PRELIMINARY PLAT PLANS
 1240700035
 CITY OF SAMMAMISH WASHINGTON



12/12/17
JOB NUMBER:
15-111
SHEET NAME:
LS-02
SHT **11** OF **13**

PLANT SCHEDULE

MITIGATION TREES	CODE	BOTANICAL NAME / COMMON NAME	CONT	CAL	QTY
	ACE CIR	<i>Acer circinatum</i> / Vine Maple	B & B	2 1/2" CAL.	26
	ACE MAC	<i>Acer macrophyllum</i> / Big Leaf Maple	B & B	2 1/2" CAL.	30
	BET PAP	<i>Betula papyrifera</i> / Paper Birch	B & B	2 1/2" CAL.	53
	PIN SHO	<i>Pinus contorta</i> / Shore Pine	B & B	8' MIN. HT.	62
	THU PLI	<i>Thuja plicata</i> / Western Red Cedar	B & B	8' MIN. HT.	28
	TSU HET	<i>Tsuga heterophylla</i> / Western Hemlock	B & B	8' MIN. HT.	38
STREET TREES	CODE	BOTANICAL NAME / COMMON NAME	CONT	CAL	QTY
	ACE COL	<i>Acer platanoides</i> 'Columnare' / Columnar Norway Maple	B & B	2 1/2" CAL.	52
	PRU BUR	<i>Prunus serrulata</i> 'Royal Burgundy' / Royal Burgundy Cherry	B & B	2 1/2" CAL.	17

NOTES

- SEE SHEET LS-03 FOR TREE RETENTION CALCULATIONS.
- ALL REPLACEMENT TREES REQUIRED IN THIS PLAN ARE LOCATED OUTSIDE OF THE SEWER AND WATER CROSSING EASEMENT. ADDITIONAL TREES AND MITIGATION PLANTINGS LOCATED IN THE CROSSING ARE SPECIFIED IN PLANTING AREAS 1 AND 2 OF THE MITIGATION PLAN.

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Type 1 and Type 2 Shade Trees	
Caliper	Minimum diameter root ball
1/2 in.	12 in.
3/4 in.	14 in.
1 in.	16 in.
1 1/4 in.	18 in.
1 1/2 in.	20 in.
1 3/4 in.	22 in.
2 in.	24 in.
2 1/4 in.	26 in.
2 1/2 in.	28 in.
3 in.	32 in.
3 1/2 in.	36 in.
4 in.	42 in.
4 1/2 in.	48 in.
5 in.	54 in.
5 1/2 in.	57 in.
6 in.	60 in.
7 in.	70 in.
8 in.	80 in.

Type 1, 2, and 3 Spreading, semi-spreading, broad compact shrubs		Type 4 and 5 Pyramidal, broad shrubs		Type 6* Columnar	
Spread (Type 1 and 2)	Minimum diameter ball	Height caliper	Minimum diameter ball	Height caliper	Minimum diameter ball
7 in.	8 in.	12 in.	8 in.	12 in.	7 in.
12 in.	10 in.	18 in.	10 in.	18 in.	8 in.
15 in.	12 in.	24 in.	12 in.	24 in.	9 in.
18 in.	14 in.	30 in.	14 in.	30 in.	11 in.
24 in.	16 in.	36 in.	16 in.	36 in.	13 in.
30 in.	18 in.	42 in.	18 in.	42 in.	14 in.
36 in.	24 in.	48 in.	20 in.	48 in.	16 in.
42 in.	26 in.	54 in.	22 in.	54 in.	18 in.
48 in.	28 in.	60 in.	24 in.	60 in.	20 in.
54 in.	30 in.	66 in.	26 in.	66 in.	22 in.
60 in.	36 in.	72 in.	28 in.	72 in.	24 in.
66 in.	40 in.	78 in.	30 in.	78 in.	26 in.
72 in.	42 in.	84 in.	32 in.	84 in.	28 in.
78 in.	44 in.	90 in.	34 in.	90 in.	30 in.
84 in.	46 in.	96 in.	36 in.	96 in.	32 in.
90 in.	48 in.	102 in.	38 in.	102 in.	34 in.
96 in.	50 in.	108 in.	40 in.	108 in.	36 in.
102 in.	52 in.	114 in.	42 in.	114 in.	38 in.
108 in.	54 in.	120 in.	44 in.	120 in.	40 in.
114 in.	56 in.	126 in.	46 in.	126 in.	42 in.
120 in.	58 in.	132 in.	48 in.	132 in.	44 in.
126 in.	60 in.	138 in.	50 in.	138 in.	46 in.
132 in.	62 in.	144 in.	52 in.	144 in.	48 in.
138 in.	64 in.	150 in.	54 in.	150 in.	50 in.
144 in.	66 in.	156 in.	56 in.	156 in.	52 in.
150 in.	68 in.	162 in.	58 in.	162 in.	54 in.
156 in.	70 in.	168 in.	60 in.	168 in.	56 in.
162 in.	72 in.	174 in.	62 in.	174 in.	58 in.
168 in.	74 in.	180 in.	64 in.	180 in.	60 in.
174 in.	76 in.	186 in.	66 in.	186 in.	62 in.
180 in.	78 in.	192 in.	68 in.	192 in.	64 in.
186 in.	80 in.	198 in.	70 in.	198 in.	66 in.
192 in.	82 in.	204 in.	72 in.	204 in.	68 in.
198 in.	84 in.	210 in.	74 in.	210 in.	70 in.
204 in.	86 in.	216 in.	76 in.	216 in.	72 in.
210 in.	88 in.	222 in.	78 in.	222 in.	74 in.
216 in.	90 in.	228 in.	80 in.	228 in.	76 in.
222 in.	92 in.	234 in.	82 in.	234 in.	78 in.
228 in.	94 in.	240 in.	84 in.	240 in.	80 in.
234 in.	96 in.	246 in.	86 in.	246 in.	82 in.
240 in.	98 in.	252 in.	88 in.	252 in.	84 in.
246 in.	100 in.	258 in.	90 in.	258 in.	86 in.
252 in.	102 in.	264 in.	92 in.	264 in.	88 in.
258 in.	104 in.	270 in.	94 in.	270 in.	90 in.
264 in.	106 in.	276 in.	96 in.	276 in.	92 in.
270 in.	108 in.	282 in.	98 in.	282 in.	94 in.
276 in.	110 in.	288 in.	100 in.	288 in.	96 in.
282 in.	112 in.	294 in.	102 in.	294 in.	98 in.
288 in.	114 in.	300 in.	104 in.	300 in.	100 in.
294 in.	116 in.	306 in.	106 in.	306 in.	102 in.
300 in.	118 in.	312 in.	108 in.	312 in.	104 in.
306 in.	120 in.	318 in.	110 in.	318 in.	106 in.
312 in.	122 in.	324 in.	112 in.	324 in.	108 in.
318 in.	124 in.	330 in.	114 in.	330 in.	110 in.
324 in.	126 in.	336 in.	116 in.	336 in.	112 in.
330 in.	128 in.	342 in.	118 in.	342 in.	114 in.
336 in.	130 in.	348 in.	120 in.	348 in.	116 in.
342 in.	132 in.	354 in.	122 in.	354 in.	118 in.
348 in.	134 in.	360 in.	124 in.	360 in.	120 in.
354 in.	136 in.	366 in.	126 in.	366 in.	122 in.
360 in.	138 in.	372 in.	128 in.	372 in.	124 in.
366 in.	140 in.	378 in.	130 in.	378 in.	126 in.
372 in.	142 in.	384 in.	132 in.	384 in.	128 in.
378 in.	144 in.	390 in.	134 in.	390 in.	130 in.
384 in.	146 in.	396 in.	136 in.	396 in.	132 in.
390 in.	148 in.	402 in.	138 in.	402 in.	134 in.
396 in.	150 in.	408 in.	140 in.	408 in.	136 in.
402 in.	152 in.	414 in.	142 in.	414 in.	138 in.
408 in.	154 in.	420 in.	144 in.	420 in.	140 in.
414 in.	156 in.	426 in.	146 in.	426 in.	142 in.
420 in.	158 in.	432 in.	148 in.	432 in.	144 in.
426 in.	160 in.	438 in.	150 in.	438 in.	146 in.
432 in.	162 in.	444 in.	152 in.	444 in.	148 in.
438 in.	164 in.	450 in.	154 in.	450 in.	150 in.
444 in.	166 in.	456 in.	156 in.	456 in.	152 in.
450 in.	168 in.	462 in.	158 in.	462 in.	154 in.
456 in.	170 in.	468 in.	160 in.	468 in.	156 in.
462 in.	172 in.	474 in.	162 in.	474 in.	158 in.
468 in.	174 in.	480 in.	164 in.	480 in.	160 in.
474 in.	176 in.	486 in.	166 in.	486 in.	162 in.
480 in.	178 in.	492 in.	168 in.	492 in.	164 in.
486 in.	180 in.	498 in.	170 in.	498 in.	166 in.
492 in.	182 in.	504 in.	172 in.	504 in.	168 in.
498 in.	184 in.	510 in.	174 in.	510 in.	170 in.
504 in.	186 in.	516 in.	176 in.	516 in.	172 in.
510 in.	188 in.	522 in.	178 in.	522 in.	174 in.
516 in.	190 in.	528 in.	180 in.	528 in.	176 in.
522 in.	192 in.	534 in.	182 in.	534 in.	178 in.
528 in.	194 in.	540 in.	184 in.	540 in.	180 in.
534 in.	196 in.	546 in.	186 in.	546 in.	182 in.
540 in.	198 in.	552 in.	188 in.	552 in.	184 in.
546 in.	200 in.	558 in.	190 in.	558 in.	186 in.
552 in.	202 in.	564 in.	192 in.	564 in.	188 in.
558 in.	204 in.	570 in.	194 in.	570 in.	190 in.
564 in.	206 in.	576 in.	196 in.	576 in.	192 in.
570 in.	208 in.	582 in.	198 in.	582 in.	194 in.
576 in.	210 in.	588 in.	200 in.	588 in.	196 in.
582 in.	212 in.	594 in.	202 in.	594 in.	198 in.
588 in.	214 in.	600 in.	204 in.	600 in.	200 in.
594 in.	216 in.	606 in.	206 in.	606 in.	202 in.
600 in.	218 in.	612 in.	208 in.	612 in.	204 in.
606 in.	220 in.	618 in.	210 in.	618 in.	206 in.
612 in.	222 in.	624 in.	212 in.	624 in.	208 in.
618 in.	224 in.	630 in.	214 in.	630 in.	210 in.
624 in.	226 in.	636 in.	216 in.	636 in.	212 in.
630 in.	228 in.	642 in.	218 in.	642 in.	214 in.
636 in.	230 in.	648 in.	220 in.	648 in.	216 in.
642 in.	232 in.	654 in.	222 in.	654 in.	218 in.
648 in.	234 in.	660 in.	224 in.	660 in.	220 in.
654 in.	236 in.	666 in.	226 in.	666 in.	222 in.
660 in.	238 in.	672 in.	228 in.	672 in.	224 in.
666 in.	240 in.	678 in.	230 in.	678 in.	226 in.
672 in.	242 in.	684 in.	232 in.	684 in.	228 in.
678 in.	244 in.	690 in.	234 in.	690 in.	230 in.
684 in.	246 in.	696 in.	236 in.	696 in.	232 in.
690 in.	248 in.	702 in.	238 in.	702 in.	234 in.
696 in.	250 in.	708 in.	240 in.	708 in.	236 in.
702 in.	252 in.	714 in.	242 in.	714 in.	238 in.
708 in.	254 in.	720 in.	244 in.	720 in.	240 in.
714 in.	256 in.	726 in.	246 in.	726 in.	242 in.
720 in.	258 in.	732 in.	248 in.	732 in.	244 in.
726 in.	260 in.	738 in.	250 in.	738 in.	246 in.
732 in.	262 in.	744 in.	252 in.	744 in.	248 in.
738 in.	264 in.	750 in.	254 in.	750 in.	250 in.
744 in.	266 in.	756 in.	256 in.	756 in.	252 in.
750 in.	268 in.	762 in.	258 in.	762 in.	254 in.
756 in.	270 in.	768 in.	260 in.	768 in.	256 in.
762 in.	272 in.	774 in.	262 in.	774 in.	258 in.
768 in.	274 in.	780 in.	264 in.	780 in.	260 in.
774 in.	276 in.	786 in.	266 in.	786 in.	262 in.
780 in.	278 in.	792 in.	268 in.	792 in.	264 in.
786 in.	280 in.	798 in.	270 in.	798 in.	266 in.
792 in.	282 in.	804 in.	272 in.	804 in.	268 in.
798 in.	284 in.	810 in.	274 in.	810 in.	270 in.
804 in.	286 in.	816 in.	276 in.	816 in.	272 in.
810 in.	288 in.	822 in.	278 in.	822 in.	274 in.
816 in.	290 in.	828 in.	280 in.	828 in.	276 in.
822 in.	292 in.	834 in.	282 in.	834 in.	278 in.
828 in.	294 in.	840 in.	284 in.	840 in.	280 in.
834 in.	296 in.	846 in.	286 in.	846 in.	282 in.
840 in.	298 in.	852 in.	288 in.	852 in.	284 in.
846 in.	300 in.	858 in.	290 in.	858 in.	286 in.
852 in.	302 in.	864 in.	292 in.	864 in.	288 in.
858 in.	304 in.	870 in.	294 in.	870 in.	290 in.
864 in.	306 in.	876 in.	296 in.	876 in.	292 in.
870 in.	308 in.	882 in.	298 in.	882 in.	294 in.
876 in.	310 in.	888 in.	300 in.	888 in.	296 in.
882 in.	312 in.	894 in.	302 in.	894 in.	298 in.
888 in.	314 in.	900 in.	304 in.	900 in.	300 in.
894 in.	316 in.	906 in.	306 in.	906 in.	302 in.
900 in.	318 in.	912 in.	308 in.	912 in.	304 in.
906 in.	320 in.	918 in.	310 in.	918 in.	306 in.
912 in.	322 in.	924 in.	312 in.	924 in.	308 in.
918 in.	324 in.	930 in.	314 in.	930 in.	310 in.
924 in.	326 in.	936 in.	316 in.	936 in.	312 in.
930 in.	328 in.	942 in.	318 in.	942 in.	314 in.
936 in.	330 in.	948 in.	320 in.	948 in.	316 in.
942 in.	332 in.	954 in.	322 in.	954 in.	318 in.
948 in.	334 in.	960 in.	324 in.	960 in.	320 in.
954 in.	336 in.	966 in.	326 in.	966 in.	322 in.
960 in.	338 in.	972 in.	328 in.	972 in.	324 in.
966 in.	340 in.	978 in.	330 in.	978 in.	326 in.
972 in.	342 in.	984 in.	332 in.	984 in.	328 in.
978 in.	344 in.	990 in.	334 in.	990 in.	330 in.
984 in.	346 in.	996 in.	336 in.	996 in.	332 in.
990 in.	348 in.	1002 in.	338 in.	1002 in.	334 in.
996 in.	350 in.	1008 in.	340 in.	1008 in.	336 in.
1002 in.	352 in.	1014 in.	342 in.	1014 in.	338 in.
1008 in.	354 in.	1020 in.	344 in.	1020 in.	340 in.
1014 in.	356 in.	1026 in.	346 in.	1026 in.	342 in.
1020 in.	358 in.	1032 in.	348 in.	1032 in.	344 in.
1026 in.	360 in.	1038 in.	350 in.	1038 in.	346 in.
1032 in.	362 in.	1044 in.	352 in.	1044 in.	348 in.
1038 in.	364 in.	1050 in.	354 in.	1050 in.	350 in.
1044 in.	366 in.	1056 in.	356 in.	1056 in.	352 in.
1050 in.	368 in.	1062 in.	358 in.	1062 in.	354 in.
1056 in.	370 in.	1068 in.	360 in.	1068 in.	356 in.
1062 in.	372 in.	1074 in.	362 in.	1074 in.	358 in.
1068 in.	374 in.	1080 in.	364 in.	1080 in.	360 in.
1074 in.	376 in.	1086 in.	366 in.	1086 in.	362 in.
1080 in.	378 in.	1092 in.	368 in.	1092 in.	364 in.
1086 in.	380 in.	1098 in.	370 in.	1098 in.	366 in.
1092 in.	382 in.	1104 in.	372 in.	1104 in.	368 in.
1098 in.	384 in.	1110 in.	374 in.	1110 in.	370 in.
1104 in.	386 in.	1116 in.	376 in.	1116 in.	372 in.
1110 in.	388 in.	1122 in.	378 in.	1122 in.	374 in.
1116 in.	390 in.	1128 in.	380 in.	1128 in.	376 in.
1122 in.	392 in.	1134 in.	382 in.	1134 in.	378 in.
1128 in.	394 in.	1140 in.	384 in.	1140 in.	380 in.
1134 in.	396 in.	1146 in.	386 in.	1146 in.	382 in.
1140 in.	398 in.	1152 in.	388 in.	1152 in.	384 in.
1146 in.	400 in.	1158 in.	390 in.	1158 in.	386 in.
1152 in.	402 in.	1164 in.	392 in.	1164 in.	388 in.
1158 in.	404 in.	1170 in.	394 in.	1170 in.	390 in.
1164 in.	406 in.	1176 in.	396 in.	1176 in.	392 in.
1170 in.	408 in.	1182 in.	398 in.	1182 in.	394 in.
1176 in.	410 in.	1188 in.	400 in.	1188 in.	396 in.
1182 in.	412 in.	1194 in.	402 in.	1194 in.	398 in.
1188 in.	414 in.	1200 in.	404 in.	1200	