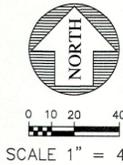


SKI ACRES ESTATES LOTS 6-11

SW 1/4 OF SE 1/4 OF SECTION 9, T. 22 N., R. 11 E., W.M.
KITITAS COUNTY, STATE OF WASHINGTON



ARCHAEOLOGICAL NOTE:

IN THE EVENT THAT HUMAN REMAINS AND/OR CULTURAL MATERIALS ARE FOUND, ALL PROJECT-RELATED CONSTRUCTION SHALL CEASE WITHIN A 100-FOOT RADIUS. THE CONTRACTOR SHALL, PURSUANT TO SECTION 7050.5 OF THE HEALTH AND SAFETY CODE, AND SECTION 5097.94 OF THE PUBLIC RESOURCES CODE OF THE STATE OF CALIFORNIA, NOTIFY THE UNIVERSITY REPRESENTATIVE IMMEDIATELY.

STANDARD GRADING NOTES:

1. ALL GRADING ACTIVITIES, INCLUDING EXCAVATION, BACKFILL AND COMPACTION, SHALL BE DONE IN ACCORDANCE WITH THE GEOTECHNICAL SITE INVESTIGATION REPORT PREPARED FOR THIS PROJECT.
2. ALL EXCESS SOIL SHALL BE OFF-HAULED TO A LEGAL DISPOSAL SITE. NO EXCESS SOIL SHALL BE SPREAD ON THE SITE WITHOUT CLEARLY BEING SHOWN ON THE APPROVED GRADING PLAN, OR AS APPROVED BY THE OWNER.
3. ALL CUT AND FILL SLOPES SHALL BE STABILIZED AND MAINTAINED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED TO THE SATISFACTION OF THE PROJECT ENGINEER.

CONTRACTOR RESPONSIBILITY:

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

DISCREPANCIES:

IF THERE ARE ANY DISCREPANCIES BETWEEN DIMENSIONS IN DRAWINGS AND EXISTING CONDITIONS WHICH WILL AFFECT THE WORK, THE CONTRACTOR SHALL BRING SUCH DISCREPANCIES TO THE ATTENTION OF THE ENGINEER FOR ADJUSTMENT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER FITTING OF ALL WORK AND FOR THE COORDINATION OF ALL TRADES, SUBCONTRACTORS, AND PERSONS ENGAGED UPON THIS CONTRACT.

LEGAL DESCRIPTION:

TRACT E, VILLAGE AT THE SUMMIT DIVISION 1, ACCORDING TO THE PLAT THEREOF RECORDED IN VOLUME 8, PAGES 28-30, RECORDS OF KITITAS COUNTY, WASHINGTON.

PARCEL NUMBER: 142436
MAP NUMBER: 22-11-04052-0101
ACREAGE: 5.31 ASSESSOR'S RECORDS,
4.89 SURVEY
WATER SOURCE: SNOQUALMIE PUBLIC UTILITY DIST.
SEWER SOURCE: SNOQUALMIE PUBLIC UTILITY DIST.
ZONE: PLANNED UNIT DEVELOPMENT
LAND USE: RURAL

BOUNDARY AND TOPOGRAPHY SURVEY BY GROUP 4. PROJECT NO. 07-4048. BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN IS FOR REFERENCE ONLY, AND HAS NOT BEEN VERIFIED IN THE FIELD.

BASIS OF BEARINGS: SNOQUALMIE SUMMIT INN SHORT PLAT, PER RECORD OF SURVEY RECORDED IN VOL. 16, PAGES 11-13, RECORDS OF KITITAS COUNTY, WASHINGTON

DATUM: NAVD 88
BENCH: WASHINGTON DEPARTMENT OF TRANSPORTATION CONTROL POINT NO. 5161, BRASS DISC IN ROUND CONCRETE MONUMENT IN CASE SET LEVEL WITH GROUND SURFACE. ELEVATION=2986.85'

SITE BENCH: TBM 1: YELLOW CAPPED REBAR AT SW CORNER TRACT E, AS SHOWN ON MAP. ELEVATION=3008.12
TBM 2: YELLOW CAPPED REBAR AT ANGLE POINT CORNER PARCEL B AS SHOWN ON MAP. ELEVATION=3021.12

PROPERTY INFORMATION:

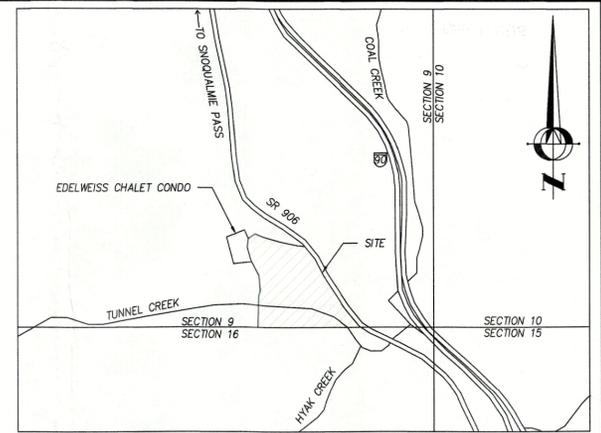
PARCEL NUMBERS: 368135, 378135, 388135, 398135, 408135, 418135
PROJECT SIZE: 57,630 SF (1.32 ACRES)
PROJECT ADDRESS: TBD
ZONING: LAMIRD'S TYPE 1
WATER/SEWER: SNOQUALMIE PASS UTILITY DISTRICT

PROJECT TEAM:

APPLICANT/OWNER: IAN LOVELESS
SNOPASS SF LOFTS LLC
401 N 36TH STREET, SUITE 201
SEATTLE, WA 98101
(425) 404-1811

ENGINEER: COSTA PHILIPPODES, PE
ENCOMPASS ENGINEERING & SURVEYING
165 NE JUNIPER STREET, SUITE 201
ISSAQUAH, WA 98027
(425) 392-0250

GEOTECHNICAL ENGINEER: SHANE MARKUS
ICE CREEK ENGINEERS, INC.
29335 NE 20TH STREET
CARNATION, WA 98014
(425) 333-0093



VICINITY MAP
NTS

LEGEND:

	EXISTING:	PROPOSED:
BOUNDARY LINE	---	---
BUILDING SETBACK LINE	---	---
LOT LINE	---	---
CENTERLINE	---	---
EDGE OF PAVEMENT LINE	---	---
CONTOUR LINE (MAJOR)	---2800---	---2800---
CONTOUR LINE (MINOR)	---2801---	---2801---
CATCH BASIN (TYPE 1)	□	■
STORM DRAIN MANHOLE/CATCH BASIN TYPE 2	○	●
STORM DRAIN LINE	---	---
SANITARY SEWER MANHOLE	○	●
SANITARY SEWER LINE	SS	SS
SANITARY SEWER SERVICE	---	---
SEWER FORCE MAIN	---	FM
WATERMAIN LINE	---	---
WATER SERVICE LINE	---	---
GATE VALVE	+	+
WATER METER	+	+
FIRE HYDRANT	+	+
CAP	+	+
GRINDER PUMP COLLECTION BOX	+	+
AC PAVEMENT HATCH	□	□
CONCRETE HATCH	□	□

STANDARD PLAN NOTES:

1. ALL CONSTRUCTION TECHNIQUES AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT KITITAS COUNTY, 2020 WSDOT STANDARDS AND SPECIFICATIONS, DOE 2019 STORMWATER MANAGEMENT MANUAL FOR EASTERN WASHINGTON, AND AS SHOWN IN THESE PLANS.
2. A COPY OF THE APPROVED CONTRACT DOCUMENTS AND PLANS, MUST BE ON SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
3. PRIOR TO ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL SCHEDULE AND ATTEND A PRE-CONSTRUCTION MEETING WITH THE COUNTY, UTILITY DISTRICT AND THEIR REPRESENTATIVE. THE CONTRACTOR SHALL NOTIFY ENCOMPASS ENGINEERING OF THE PRE-CONSTRUCTION MEETING TIME AND LOCATION.
4. PAVED SURFACES INCLUDING ROADWAYS, SIDEWALKS AND CURBS THAT ARE DAMAGED BY NEW CONSTRUCTION SHALL BE REPAIRED AS REQUIRED BY THE INSPECTOR.
5. ALL SURVEYING AND STAKING OF IMPROVEMENTS SHALL BE APPROVED BY THE DEVELOPER. CONTRACTOR SHALL COORDINATE AND VERIFY WITH THE DEVELOPER PRIOR TO OBTAINING STAKING SERVICES.
6. THE CONTRACTOR SHALL NOTIFY THE KITITAS COUNTY FIRE DISTRICT (509-386-1495) TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL WATER SERVICE INTERRUPTIONS, HYDRANT SHUT-OFFS, AND STREET CLOSURES OR OTHER ACCESS BLOCKAGE. THE CONTRACTOR SHALL ALSO NOTIFY THE DISTRICT OF ALL NEW, RELOCATED, OR ELIMINATED HYDRANTS RESULTING FROM THIS WORK.
7. ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
8. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL ACTIVE CASTINGS AND UTILITIES DURING CONSTRUCTION AND SHALL CONTACT THE UNDERGROUND UTILITIES LOCATOR SERVICE (1-800-424-5555) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLE RIMS, DRAINAGE STRUCTURE LIDS, VALVE BOXES AND UTILITY ACCESS STRUCTURES TO FINISH GRADE WITHIN AREAS AFFECTED BY THE PROPOSED IMPROVEMENTS.
10. THE CONTRACTOR SHALL PROVIDE FOR ALL COMPACTION TESTS REQUIRED BY THE INSPECTOR.
11. BACKFILL MATERIAL SHALL MEET GEOTECHNICAL REPORT AND SHALL BE APPROVED BY THE UTILITY DISTRICT AND GEOTECHNICAL ENGINEER PRIOR TO BACKFILLING.
12. INSPECTION AND ACCEPTANCE OF ALL WORK RELATED TO GRADING AND STORM DRAINAGE WILL BE ACCOMPLISHED BY KITITAS COUNTY DEPARTMENT OF PUBLIC WORKS. ALL WORK RELATED TO SEWER AND WATER UTILITIES WILL BE ACCOMPLISHED BY SNOQUALMIE PASS UTILITY DISTRICT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND SCHEDULE APPROPRIATE INSPECTIONS, ALLOWING PROPER ADVANCE NOTICE. THE INSPECTOR MAY REQUIRE RECONSTRUCTION OF ITEMS THAT DO NOT MEET THE CONTRACT DOCUMENTS OR THAT WERE CONSTRUCTED WITHOUT INSPECTION.
13. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN BEST MANAGEMENT PRACTICES AS SHOWN HEREIN TO INSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE WATER OF THE STATE. AS CONSTRUCTION PROGRESSES AND UNEXPECTED (SEASONAL) CONDITIONS DICTATE, ADDITIONAL BEST MANAGEMENT PRACTICES MAY BE REQUIRED. THEREFORE, DURING THE COURSE OF CONSTRUCTION IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY HIS ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES THAT MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES.
14. THE CONTRACTOR SHALL KEEP ALL STREETS AND PUBLIC RIGHT-OF-WAY CLEAN AT ALL TIMES BY SWEEPING. WASHING WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL BY THE COUNTY OR ENGINEER.
15. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AS NECESSARY THROUGHOUT THE PROJECT. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH WSDOT AND KITITAS COUNTY STANDARDS.
16. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL WORK WITH PSE AND ELECTRICAL CONSULTANT.
17. CONTRACTOR SHALL NOT MAKE ANY REVISIONS IN THE FIELD WITHOUT PRIOR WRITTEN APPROVAL BY THE UTILITY DISTRICT AND ENGINEER.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. ALL SECTIONS OF THE WSDOT STANDARD SPECIFICATIONS 1-07.23 - TRAFFIC CONTROL, SHALL APPLY.
19. ANY TRENCH DEEPER THAN 5 FEET WILL REQUIRE SHORING FOR TRENCH WALL STABILIZATION.

SHEET INDEX:

TITLE	SHEET
COVER SHEET	1
TEMPORARY EROSION CONTROL PLAN	2
TESC NOTES AND DETAILS	3
GRADING PLAN	4
UTILITY PLAN	5
CONSTRUCTION DETAILS AND PROFILES	6
UTILITY DETAILS	7
UTILITY DETAILS	8
UTILITY DETAILS	9
SNOW STORAGE PLAN	10

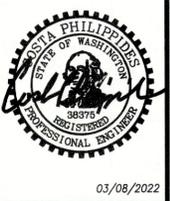
KITITAS COUNTY
APPROVED FOR CONSTRUCTION

THESE PLANS HAVE BEEN REVIEWED BY KITITAS COUNTY DEPARTMENT OF PUBLIC WORKS AND HAVE BEEN ACCEPTED FOR COMPLYING WITH THE REQUIREMENTS OF KITITAS COUNTY.

DIRECTOR OF PUBLIC WORKS _____ DATE _____



REVISIONS	DATE	BY
DESCRIPTION	03/08/2022	ID
REVISED PER COUNTY COMMENTS		



03/08/2022

SKI ACRES ESTATES LOTS 6-11
SNOPASS SF LOFTS LLC
COVER SHEET

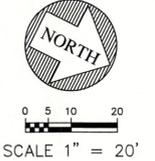
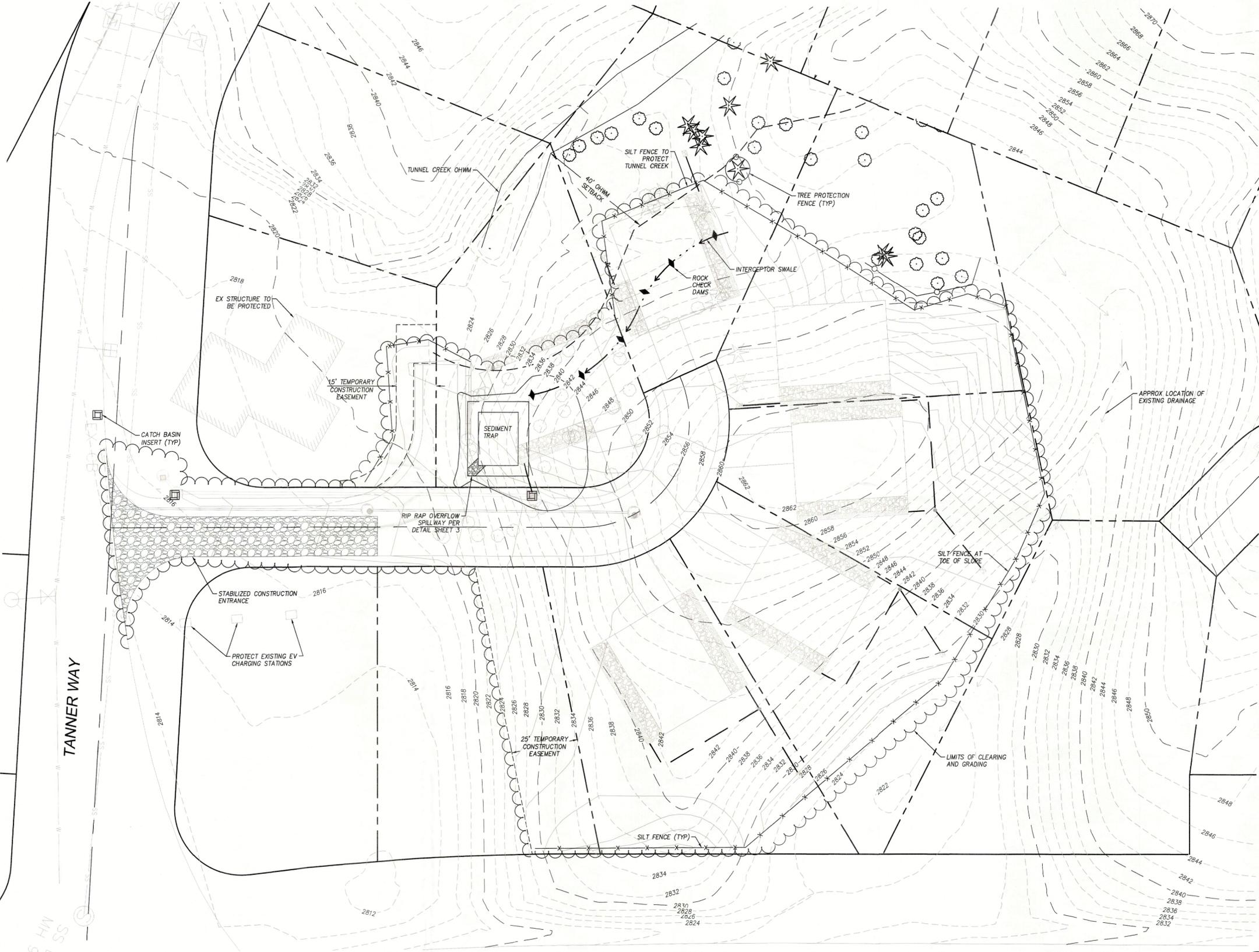
Encompass
ENGINEERING & SURVEYING

Western Washington Division
165 NE Juniper Street, Suite 201 • Issaquah, WA 98027 • Phone: (425) 392-0250
Northwest Division
10000 1st Avenue, Suite 100 • Everett, WA 98201 • Phone: (425) 392-0250
407 Swiftwater Blvd. • Cle. Elm., WA 98922 • Phone: (509) 674-7433

JOB NO.	20264
DATE	03/08/2022
SCALE	1"=40'
DESIGNED	IWD
DRAWN	TNF
CHECKED	CP
APPROVED	CP
SHEET	1

SKI ACRES ESTATES LOTS 6-11

SW 1/4 OF SE 1/4 OF SECTION 9, T. 22 N., R. 11 E., W.M.
KITTITAS COUNTY, STATE OF WASHINGTON



SEDIMENT TRAP SURFACE AREA CALCULATION
 $SA = 2 \times Q_2 / 0.00096$
 $Q_2 = 0.01$ CFS (APPROXIMATELY 13,350 SF CLEARED AREA TRIBUTARY)
 $SA = 20.83$ SF MINIMUM
 300 SF PROVIDED

REVISIONS	DATE	BY	ID
DESCRIPTION	03/08/2022		
REVISED PER COUNTY COMMENTS			



03/08/2022

SKI ACRES ESTATES LOTS 6-11
 SNOPASS SF LOFTS LLC
 TEMPORARY EROSION CONTROL PLAN



RECEIVED
 MAR 09 2022
 Kittitas County CDS



Know what's below.
 Call before you dig.

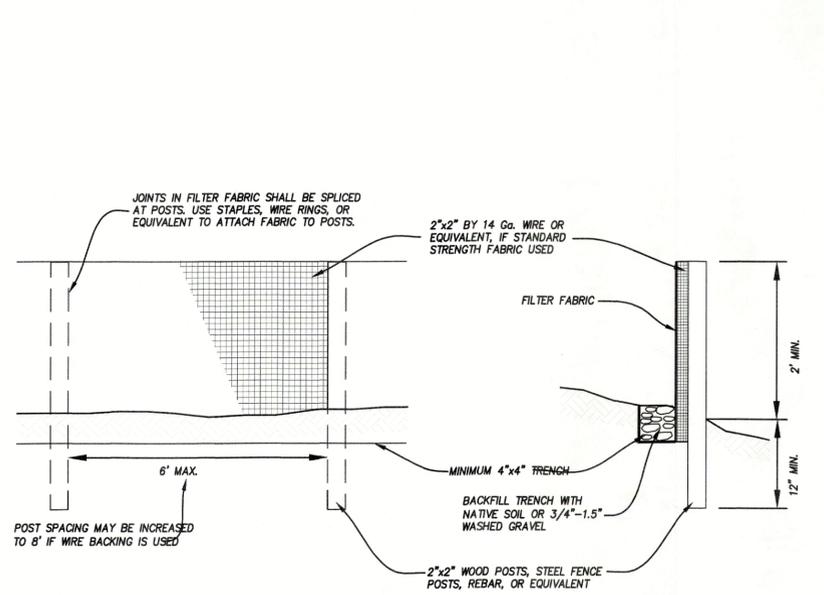
KITTITAS COUNTY
 APPROVED FOR CONSTRUCTION
 THESE PLANS HAVE BEEN REVIEWED BY KITTITAS COUNTY DEPARTMENT OF PUBLIC WORKS AND HAVE BEEN ACCEPTED FOR COMPLYING WITH THE REQUIREMENTS OF KITTITAS COUNTY.
 DIRECTOR OF PUBLIC WORKS _____ DATE _____

JOB NO.	20264
DATE	03/08/2022
SCALE	1"=30'
DESIGNED	IWD
DRAWN	TNF
CHECKED	CP
APPROVED	CP
SHEET	2

FILENAME: \\SILVER\ENR\ENGINEERING\PLAN SHEETS\20264 - TESC.DWG

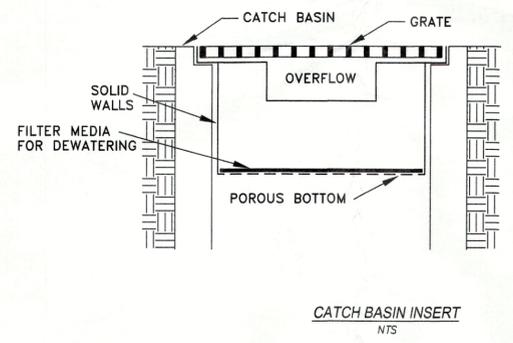
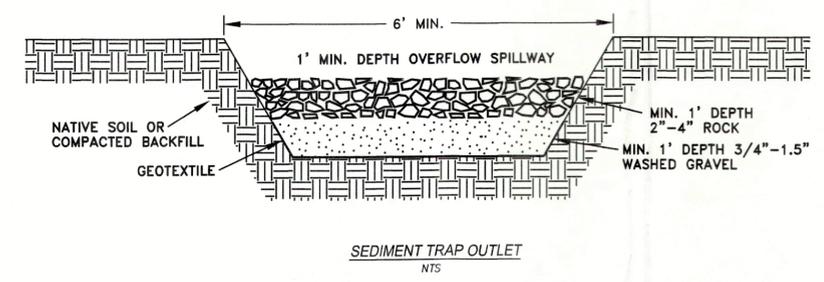
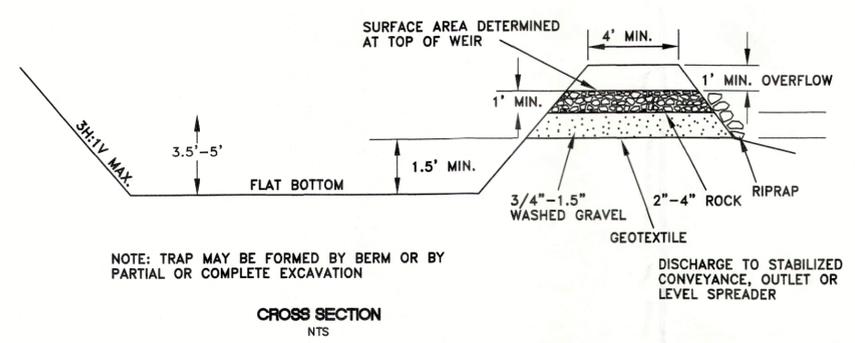
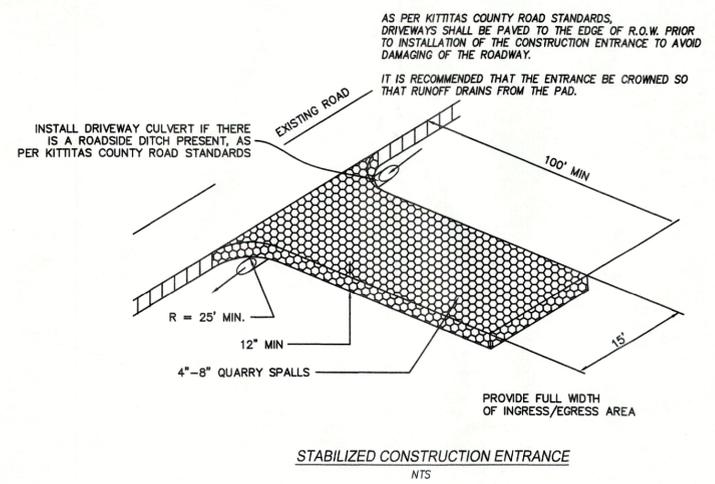
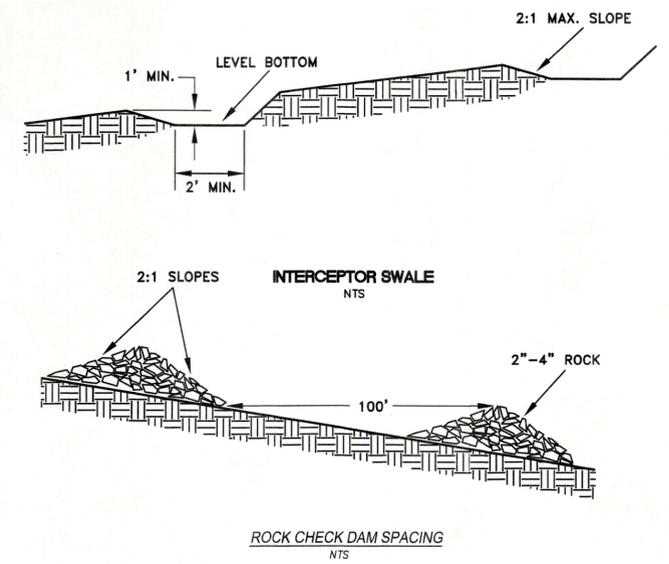
SKI ACRES ESTATES LOTS 6-11

SW 1/4 OF SE 1/4 OF SECTION 9, T. 22 N., R. 11 E., W.M.
KITITITAS COUNTY, STATE OF WASHINGTON

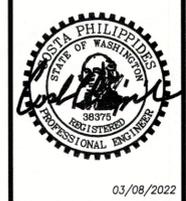


- SILT FENCE MAINTENANCE PER 2009 KCSWDM**
1. ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
 2. IF CONCENTRATED FLOWS ARE EVIDENT UPHILL OF THE FENCE, THEY MUST BE INTERCEPTED AND CONVEYED TO A SEDIMENT TRAP OR POND.
 3. IT IS IMPORTANT TO CHECK THE UPHILL SIDE OF THE FENCE FOR SIGNS OF THE FENCE CLOGGING AND ACTING AS A BARRIER TO FLOW AND THEN CAUSING CHANNELIZATION OF FLOWS PARALLEL TO THE FENCE. IF THIS OCCURS, REPLACE THE FENCE OR REMOVE THE TRAPPED SEDIMENT.
 4. SEDIMENT MUST BE REMOVED WHEN THE SEDIMENT IS 6 INCHES HIGH.
 5. IF THE FILTER FABRIC (GEOTEXTILE) HAS DETERIORATED DUE TO ULTRAVIOLET BREAKDOWN, IT SHALL BE REPLACED.

SILT FENCE
NTS



REVISIONS	DESCRIPTION	BY	DATE
1	REVISED PER COUNTY COMMENTS	ID	03/08/2022



SKI ACRES ESTATES LOTS 6-11
SNOPASS SF LOFTS LLC
TESC NOTES AND DETAILS



RECEIVED
MAR 09 2022
Kitititas County CDS

KITITITAS COUNTY
APPROVED FOR CONSTRUCTION

THESE PLANS HAVE BEEN REVIEWED BY KITITITAS COUNTY DEPARTMENT OF PUBLIC WORKS AND HAVE BEEN ACCEPTED FOR COMPLYING WITH THE REQUIREMENTS OF KITITITAS COUNTY.

DIRECTOR OF PUBLIC WORKS _____ DATE _____

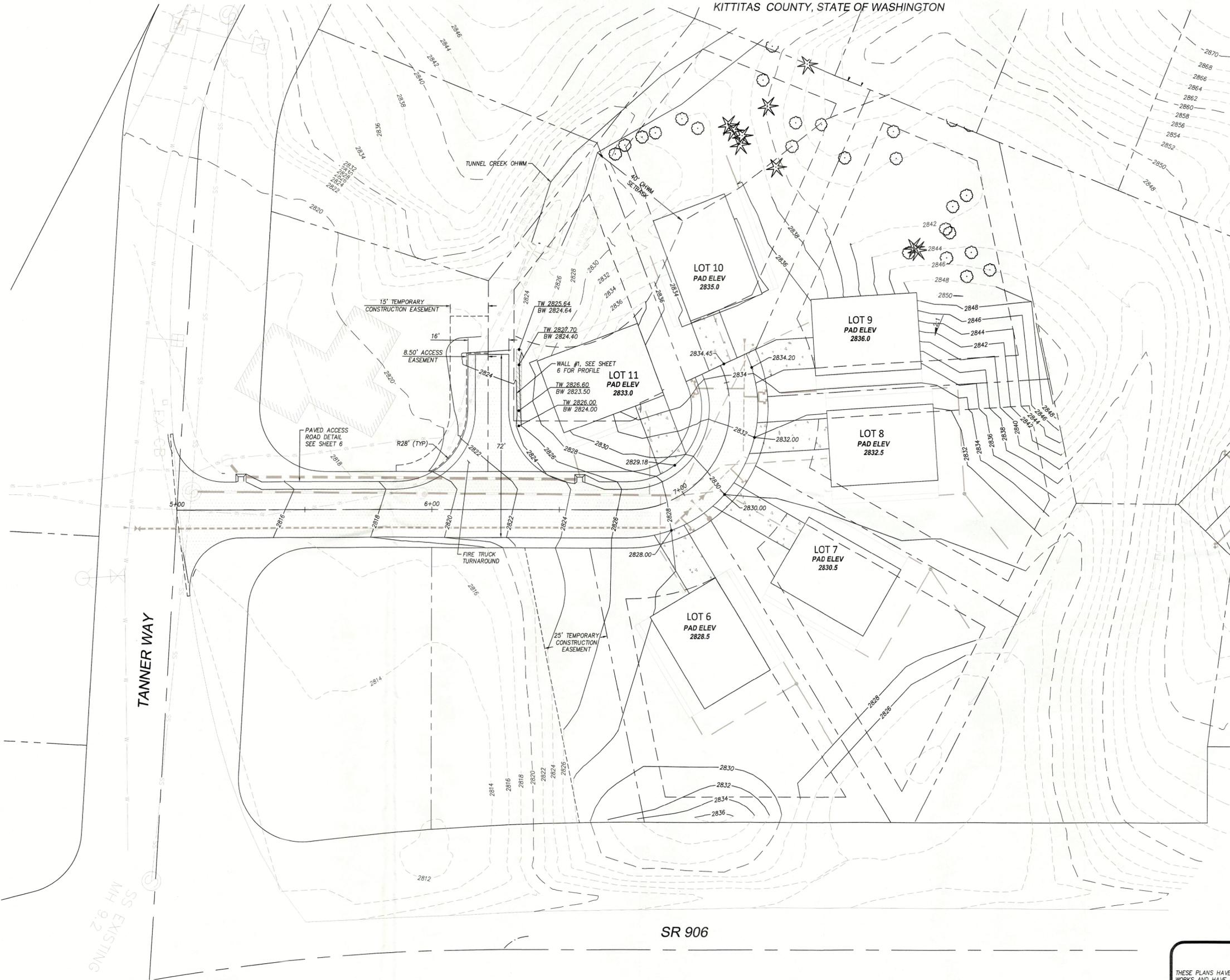


JOB NO.	20264
DATE	03/08/2022
SCALE	NTS
DESIGNED	IWD
DRAWN	TNF
CHECKED	CP
APPROVED	CP
SHEET	3

FILENAME: A:\20\20264 - SILVER PINE\ENGINEERING\PLAN SHEETS\20264 - DETAIL.DWG

SKI ACRES ESTATES LOTS 6-11

SW 1/4 OF SE 1/4 OF SECTION 9, T. 22 N., R. 11 E., W.M.
KITITITAS COUNTY, STATE OF WASHINGTON



NOTES:
1. ANY WALLS OVER 4' (FEET) IN HEIGHT TO BE DESIGNED BY A LICENSED STRUCTURAL ENGINEER.

PRELIMINARY GRADING VOLUMES		
CUT (CY)	FILL (CY)	NET (CY)
18,850	150	18,700



REVISIONS	DESCRIPTION	BY	DATE
1	REVISED PER COUNTY COMMENTS		03/08/2022

SKI ACRES ESTATES LOTS 6-11
SNOPASS SF LOFTS LLC
GRADING PLAN

Encompass
ENGINEERING & SURVEYING
Western Washington Division
165 NE Juniper Street, Suite 201 • Everett, WA 98207 • Phone: (425) 397-0250
Eastern Washington Division
407 Swiftwater Blvd. • Cle Elum, WA 98922 • Phone: (509) 674-7433

RECEIVED
MAR 09 2022
Kitititas County CDS

KITITITAS COUNTY
APPROVED FOR CONSTRUCTION
THESE PLANS HAVE BEEN REVIEWED BY KITITITAS COUNTY DEPARTMENT OF PUBLIC WORKS AND HAVE BEEN ACCEPTED FOR COMPLYING WITH THE REQUIREMENTS OF KITITITAS COUNTY.
DIRECTOR OF PUBLIC WORKS _____ DATE _____

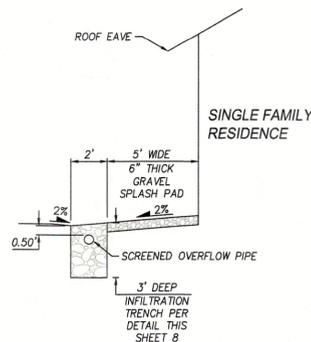
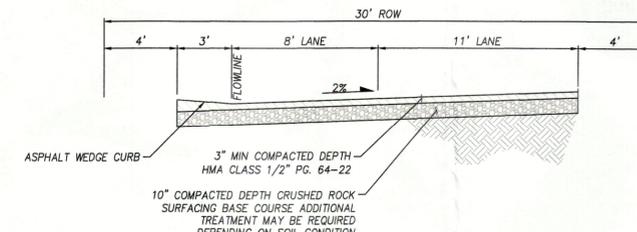
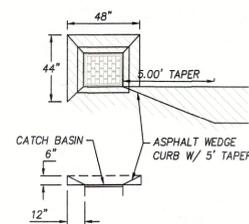
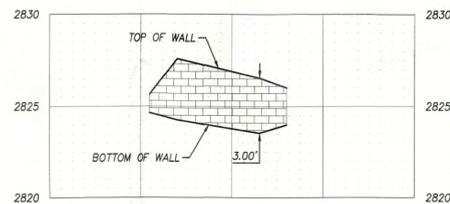
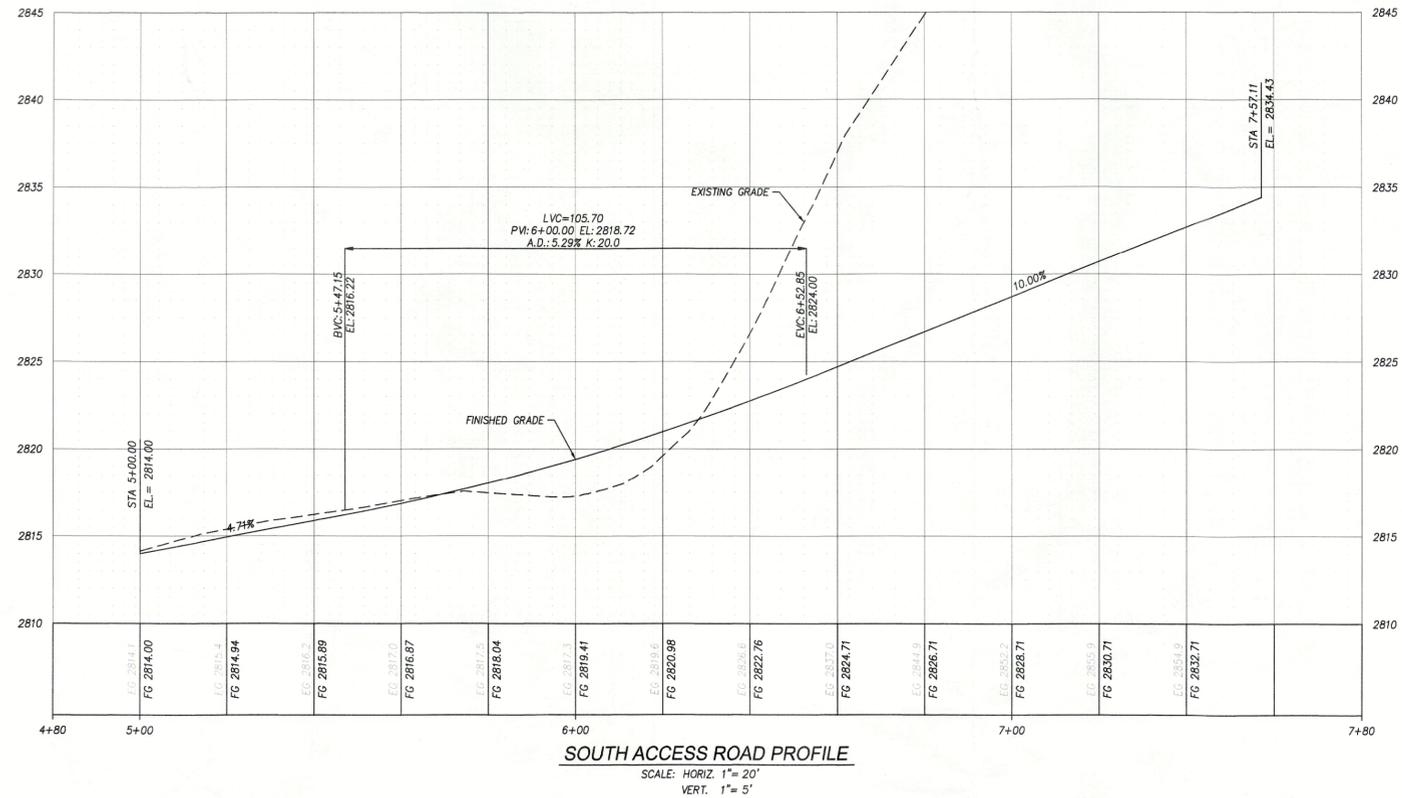
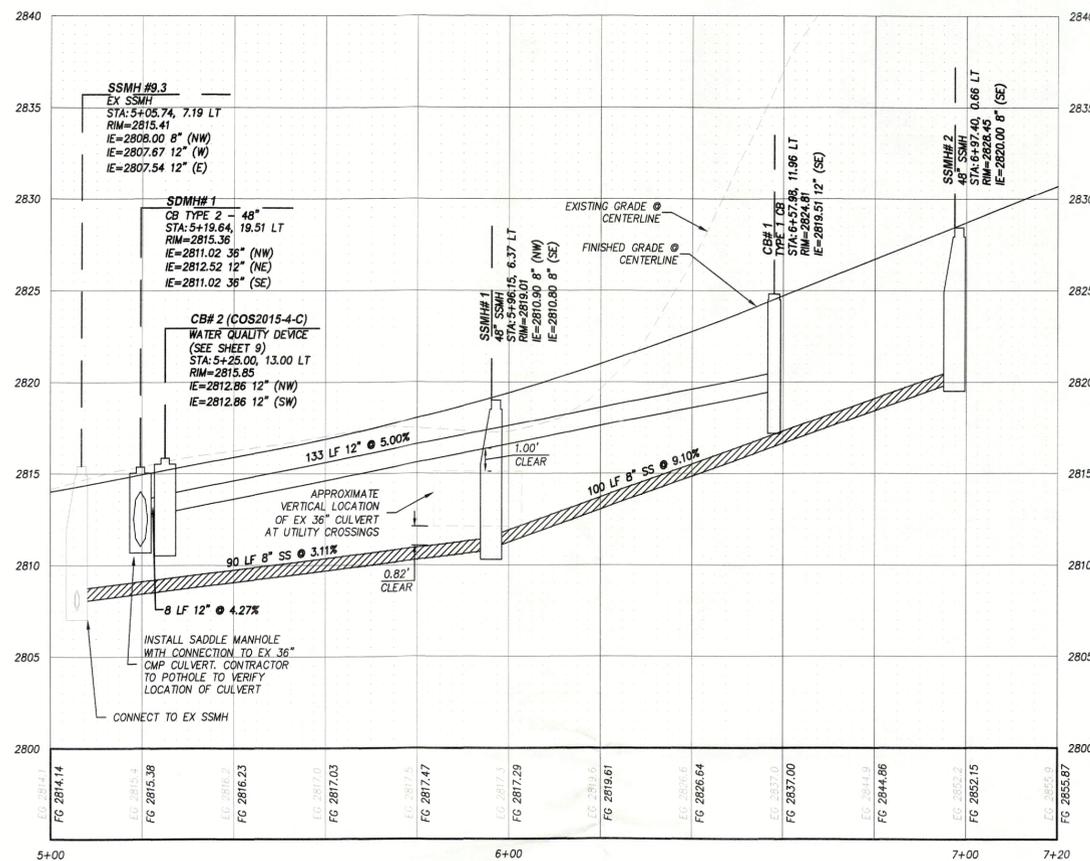


JOB NO.	20264
DATE	03/08/2022
SCALE	1" = 30'
DESIGNED	IWD
DRAWN	TNF
CHECKED	CP
APPROVED	CP
SHEET	4

FILENAME: s:\20264 - SILVER PIP ENGINEERING\PLAN SHEETS\20264 - GRADING

SKI ACRES ESTATES LOTS 6-11

SW 1/4 OF SE 1/4 OF SECTION 9, T. 22 N., R. 11 E., W.M.
KITITITAS COUNTY, STATE OF WASHINGTON



REVISIONS	DATE	BY	ID
DESCRIPTION	REVISED PER COUNTY COMMENTS		



SKI ACRES ESTATES LOTS 6-11
SNOPASS SF LOFTS LLC
CONSTRUCTION DETAILS AND PROFILES

Encompass
ENGINEERING & SURVEYING
Western Washington Division
165 NE Juniper Street, Suite 201 • Bellingham, WA 98227 • Phone: (425) 392-0250
407 Southwater Blvd. • Clk. Ellum, WA 98922 • Phone: (509) 674-7433

RECEIVED
MAR 09 2022
Kitittitas County CDS



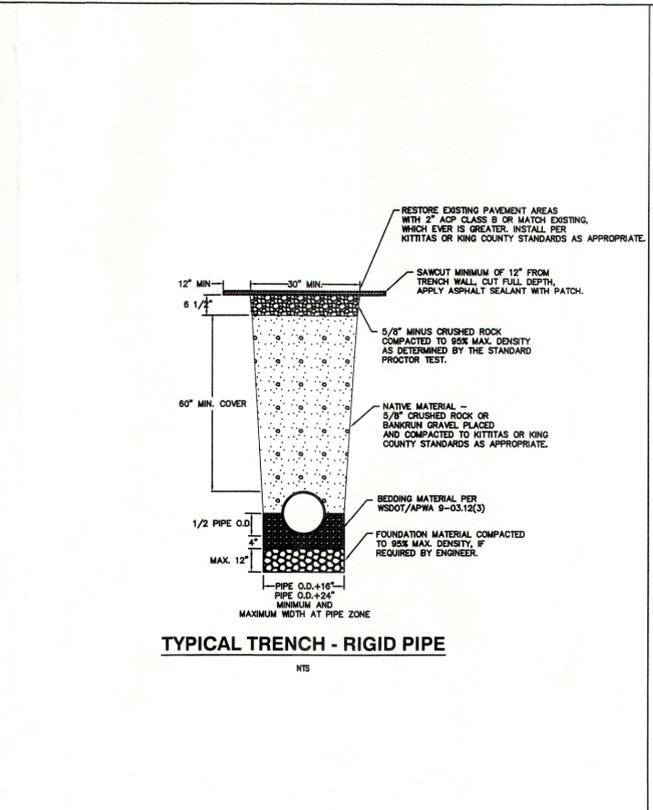
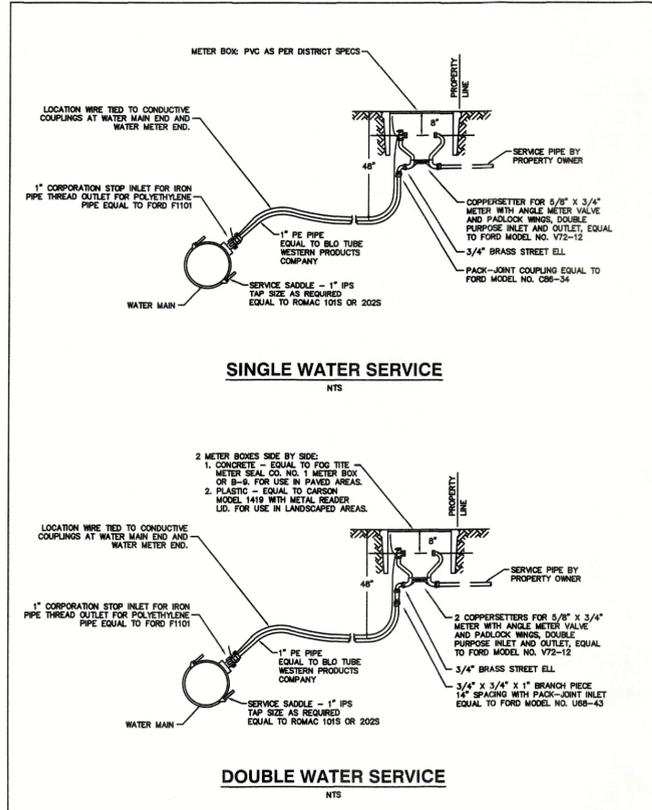
KITITITAS COUNTY
APPROVED FOR CONSTRUCTION
THESE PLANS HAVE BEEN REVIEWED BY KITITITAS COUNTY DEPARTMENT OF PUBLIC WORKS AND HAVE BEEN ACCEPTED FOR COMPLYING WITH THE REQUIREMENTS OF KITITITAS COUNTY.
DIRECTOR OF PUBLIC WORKS _____ DATE _____

JOB NO.	20264
DATE	03/08/2022
SCALE	NTS
DESIGNED	IWD
DRAWN	TNF
CHECKED	CP
APPROVED	CP
SHEET	6

SKI ACRES ESTATES LOTS 6-11

SW 1/4 OF SE 1/4 OF SECTION 9, T. 22 N., R. 11 E., W.M.

KITITAS COUNTY, STATE OF WASHINGTON



CONSTRAINTS

- SOIL CONDITIONS AND BEARING CHARACTERISTICS ARE TO BE DETERMINED BY THE DISTRICT.
- THIS STANDARD DETAIL IS FOR HORIZONTAL THRUST RESTRAINT ONLY.
- CONCRETE BLOCKING SHALL BE PER APWA SPECIFICATION 7-11.3(13) 1984.
- CONCRETE THRUST BLOCKING FOR FITTINGS LARGER THAN 18" SHALL BE AS SHOWN ON THE PROJECT PLANS.
- MAINTAIN 18" MINIMUM GROUND COVER OVER THE TOP OF ALL CONCRETE BLOCKING.

PROCEDURE

- DETERMINE BEARING FACTOR IN TABLE 1 CORRESPONDING TO APPROPRIATE PIPE SIZE AND TYPE OF FITTING.
- MULTIPLY THE BEARING FACTOR DETERMINED IN TABLE 1 BY THE MULTIPLICATION FACTOR IN TABLE 2 FOR THE APPROPRIATE SOIL CLASSIFICATION.
- USING TABLE 3 LOCATE THE MINIMUM DEPTH OF CONCRETE (D_{min}) CORRESPONDING TO THE REQUIRED BEARING AREA.
- USING D_{min}, THE HEIGHT AND LENGTH OF THE THRUST BLOCKING CAN BE DETERMINED FROM THE DIMENSION RELATIONSHIPS ILLUSTRATED IN FIGURE 1 AND DESCRIBED BELOW:
A. "H" EQUALS "D"
B. MAX. "L" EQUALS 2 X "H"
C. MIN. "L" EQUALS "H"

BEARING FACTOR
TABLE 1

TEST SIZE	DEAD END	90° BEND	45° BEND	22 1/2° BEND	1 1/4" CAP
3	300	2.25	2.25	2.25	2.25
4	300	2.25	2.25	2.25	2.25
6	300	2.83	4.00	2.25	2.25
8	300	5.00	7.11	3.85	2.25
10	300	7.86	11.11	6.00	3.06
12	300	11.31	16.00	8.88	4.41
14	250	12.83	18.14	9.82	5.00
16	225	15.06	21.33	11.54	5.86

MULTIPLICATION FACTOR
TABLE 2

SOIL CONDITION	MULTIPLICATION FACTOR
MUD, PEAT, etc.	-
SOFT CLAY	3.0
SAND	1.5
SAND AND GRAVEL	1.0
SAND AND GRAVEL CEMENTED W/ CLAY	0.75
HARD SHALE	0.30

RECD BEARING AREA (SQ. FT.)
TABLE 3

RECD BEARING AREA (SQ. FT.)	MINIMUM DEPTH (D _{min})
2.25 MIN. - 5.0	1.5'
5.01 - 10.0	2.25'
10.01 - 15.0	3.0'
15.01 - 30.0	4.0'
30.01 - 40.0	4.5'
40.01 - 50.0	5.0'
50.01 - 70.0	6.0'

HORIZONTAL THRUST BLOCKING
TABLE 3

TIE ROD SELECTION TABLES

ASTM A242 (COR-TEN OR PEQUAL) STEEL

ROD DIAMETER (3/8" OR 1/2")	NUMBER OF THE RODS PER JOINT			MAXIMUM TIE ROD LENGTH, FEET		
	45° BEND	90° BEND	11.25° BEND	45° BEND	90° BEND	11.25° BEND
3	2	2	2	100	100	100
4	2 (2)	2 (2)	2 (2)	100 (100)	100 (100)	100 (100)
6	2 (2)	2 (2)	2 (2)	80 (80)	80 (80)	100 (100)
8	3 (2)	2 (2)	2 (2)	50 (80)	80 (70)	80 (100)
10	4 (2)	2 (2)	2 (2)	40 (80)	80 (80)	80 (100)
12	4 (2)	2 (2)	2 (2)	40 (80)	80 (80)	80 (100)
14	4 (2)	2 (2)	2 (2)	40 (80)	80 (80)	80 (100)
16	4 (2)	2 (2)	2 (2)	40 (80)	80 (80)	80 (100)

ASTM A36 STEEL

ROD DIAMETER (3/8" OR 1/2")	NUMBER OF THE RODS PER JOINT			MAXIMUM TIE ROD LENGTH, FEET		
	45° BEND	90° BEND	11.25° BEND	45° BEND	90° BEND	11.25° BEND
3	2	2	2	100	100	100
4	2 (2)	2 (2)	2 (2)	100 (100)	100 (100)	100 (100)
6	2 (2)	2 (2)	2 (2)	80 (80)	80 (80)	100 (100)
8	3 (2)	2 (2)	2 (2)	50 (80)	70 (70)	80 (100)
10	4 (2)	2 (2)	2 (2)	40 (80)	80 (80)	80 (100)
12	4 (2)	2 (2)	2 (2)	40 (80)	80 (80)	80 (100)
14	4 (2)	2 (2)	2 (2)	40 (80)	80 (80)	80 (100)
16	4 (2)	2 (2)	2 (2)	40 (80)	80 (80)	80 (100)

APPROVED ATTACHMENTS

GENERAL NOTES

- THE RODS SHALL BE GALVANIZED "ALL THREAD" ROD OF EITHER ASTM A242 OR A36 STEEL.
- THE RODS SHALL HAVE "NATIONAL-COARSE" THREAD WITH EITHER TWO NUTS OR ONE SELF-LOCKING NUT AT EACH END. (ALL NUTS SHALL BE GALVANIZED)
- NUMBER OF THE RODS PER JOINT SHALL BE IN ACCORDANCE WITH THE ROD SELECTION TABLES ABOVE UNLESS OTHERWISE SHOWN ON APPROVED DESIGN PLANS.
- THE ROD ASSEMBLY SHALL BE COATED WITH 2 COATS OF COAL TAR EPOXY (16 MIL MINIMUM DRY FILM THICKNESS).
- THE RODS SHALL BE ASSEMBLED SYMMETRICALLY ABOUT EACH JOINT (IF AN EVEN NUMBER OF RODS ARE USED THEN EACH ROD SHALL HAVE A ROD LOCATED ON THE DIRECT OPPOSITE SIDE OF JOINT, IF 3 OR 6 RODS ARE USED THEN AN EQUAL NUMBER OF UNSHAKLED BOLT HOLES SHALL BE LEFT BETWEEN ANY TWO TIE RODS.)
- THE ROD NUTS SHALL BE TIGHTENED UNIFORMLY AT EACH JOINT PRIOR TO COATING.
- THE ROD LENGTHS SHALL NOT EXCEED THOSE LISTED IN ABOVE TABLES, UNLESS SPECIFICALLY SHOWN ON APPROVED PLANS.
- THE ROD COUPLINGS SHALL BE GALVANIZED "STAR NATIONAL PRODUCTS TIECOUPLER" OR EQUAL.
- THE RODS SHALL BE ATTACHED TO JOINTS WITH THE BOLTS, EXCEPT FOR FIRE HYDRANT INSTALLATIONS WHICH SHALL USE EITHER TIE BOLTS OR GALVANIZED CAST ON LUGS. THE BOLTS SHALL BE GALVANIZED "STAR NATIONAL PRODUCTS TIEBOLT" OR EQUAL.
- 20" FITTINGS AND LARGER SHALL HAVE THE ROD DESIGN INCLUDED ON DESIGN PLANS.

ATTACHMENT DETAIL

WATER STANDARD DETAIL
SNOQUALMIE PASS
UTILITY DISTRICT

FILE	SCALE	DATE
SPUDTW2	NTS	7/22/04

WATER STANDARD DETAIL
SNOQUALMIE PASS
UTILITY DISTRICT

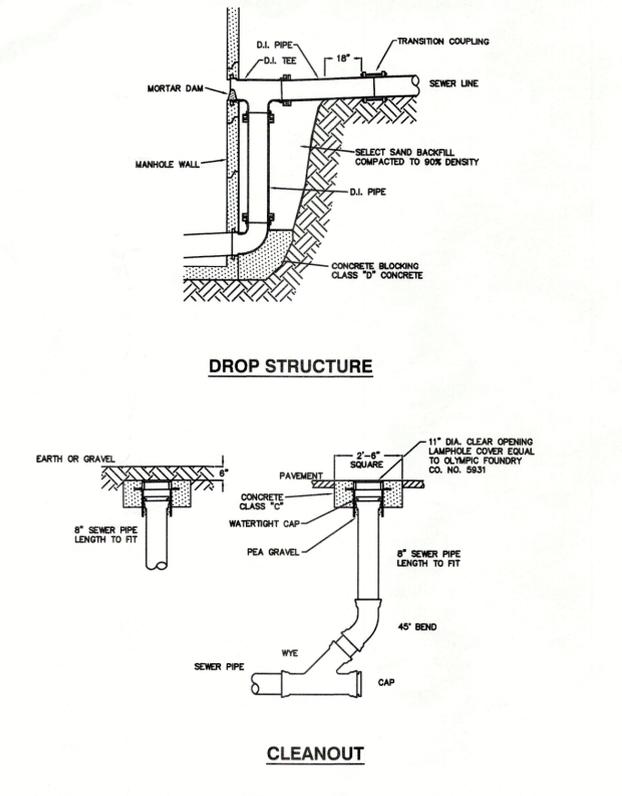
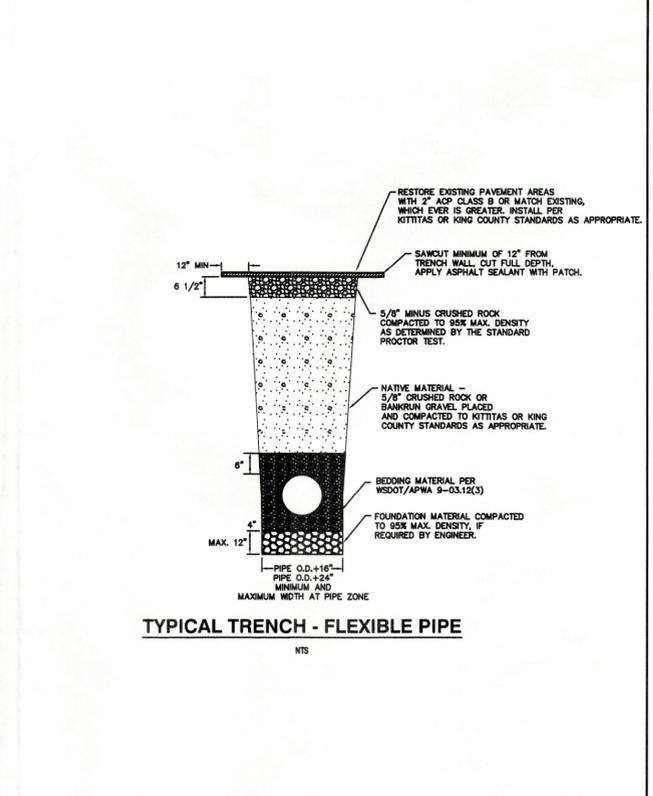
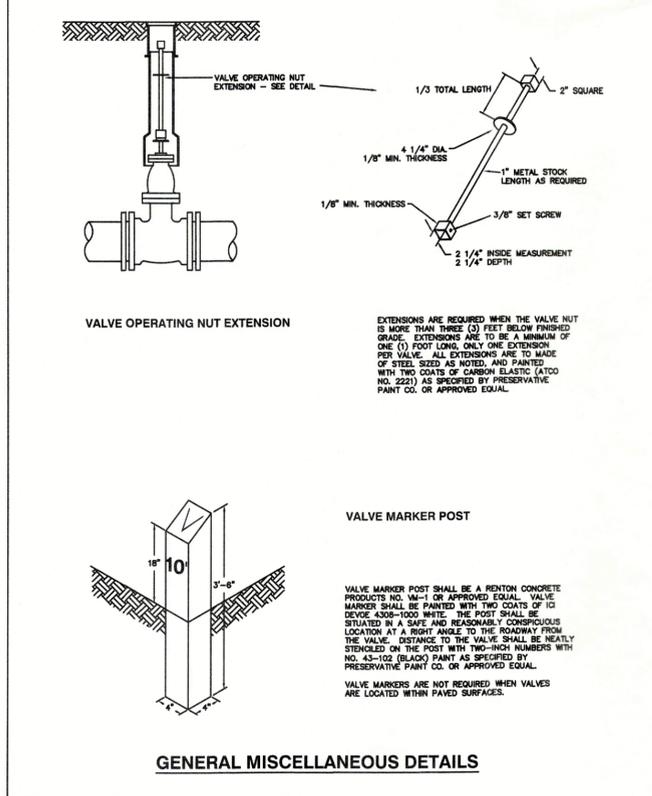
FILE	SCALE	DATE
SPUDTW6	NTS	7/22/04

WATER STANDARD DETAIL
SNOQUALMIE PASS
UTILITY DISTRICT

FILE	SCALE	DATE
SPUDTW0	NTS	7/22/04

WATER STANDARD DETAIL
SNOQUALMIE PASS
UTILITY DISTRICT

FILE	SCALE	DATE
SPUDTW1	NTS	7/22/04



RECEIVED
MAR 09 2022
Kittitas County GIS

811
Know what's below.
Call before you dig.

WATER STANDARD DETAIL
SNOQUALMIE PASS
UTILITY DISTRICT

FILE	SCALE	DATE
SPUDTW2	NTS	7/22/04

SEWER STANDARD DETAIL
SNOQUALMIE PASS
UTILITY DISTRICT

FILE	SCALE	DATE
SPUDTS1	NTS	7/22/04

SEWER STANDARD DETAIL
SNOQUALMIE PASS
UTILITY DISTRICT

FILE	SCALE	DATE
SPUDTS2	NTS	7/22/04

KITITAS COUNTY
APPROVED FOR CONSTRUCTION

THESE PLANS HAVE BEEN REVIEWED BY KITITAS COUNTY DEPARTMENT OF PUBLIC WORKS AND HAVE BEEN ACCEPTED FOR COMPLYING WITH THE REQUIREMENTS OF KITITAS COUNTY.

DIRECTOR OF PUBLIC WORKS _____ DATE _____

REVISIONS

DATE	BY	DESCRIPTION
03/08/2022 <td>ID <td>REVISED PER COUNTY COMMENTS</td> </td>	ID <td>REVISED PER COUNTY COMMENTS</td>	REVISED PER COUNTY COMMENTS



SKI ACRES ESTATES LOTS 6-11
SNOPASS SF LOFTS LLC
UTILITY DETAILS

Encompass
ENGINEERING & SURVEYING

Western Washington Division
165 NE Juniper Street, Suite 201 • Bellingham, WA 98207 • Phone: (425) 392-0250
407 Southwater Blvd. • Cle Elum, WA 98922 • Phone: (509) 674-7433

JOB NO.	20264
DATE	03/08/2022
SCALE	NTS
DESIGNED	IWD
DRAWN	TNF
CHECKED	CP
APPROVED	CP
SHEET	7

SKI ACRES ESTATES LOTS 6-11

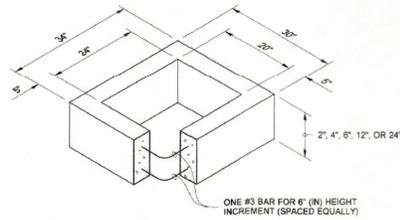
SW 1/4 OF SE 1/4 OF SECTION 9, T. 22 N., R. 11 E., W.M.

KITITAS COUNTY, STATE OF WASHINGTON

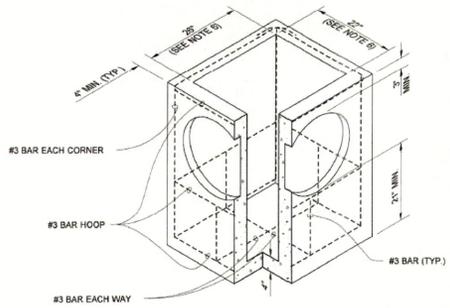
DRAWN BY: FERN LIDBELL



FRAME AND VANED GRATE



RECTANGULAR ADJUSTMENT SECTION



PRECAST BASE SECTION

PIPE ALLOWANCES	
PIPE MATERIAL	MAXIMUM INSIDE DIAMETER (INCHES)
REINFORCED OR PLAIN CONCRETE	12"
ALL METAL PIPE	15"
CPSPD * (STD. SPEC. SECT. 9-08.20)	12"
SOLID WALL PVC (STD. SPEC. SECT. 9-08.12(1))	15"
PROFILE WALL PVC (STD. SPEC. SECT. 9-08.12(2))	15"

* CORRUGATED POLYETHYLENE STORM SEWER PIPE

NOTES

- As acceptable alternatives to the rebar shown in the PRECAST BASE SECTION, fibers (placed according to the Standard Specifications), or wire mesh having a minimum area of 0.12 square inches per foot shall be used with the minimum required rebar shown in the ALTERNATIVE PRECAST BASE SECTION. Wire mesh shall not be placed in the knockouts.
- The knockout diameter shall not be greater than 20" (in). Knockouts shall have a wall thickness of 2" (in) minimum to 2.5" (in) maximum. Provide a 1.5" (in) minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification Section 9-04.3.
- The maximum depth from the finished grade to the lowest pipe invert shall be 5' (ft).
- The frame and grate may be installed with the flange down, or integrally cast into the adjustment section with flange up.
- The Precast Base Section may have a rounded floor, and the walls may be sloped at a rate of 1 : 24 or steeper.
- The opening shall be measured at the top of the Precast Base Section.
- All pickup holes shall be grouted full after the basin has been placed.



Julie Heilman, State of Washington, No. 41830, Professional Engineer

CATCH BASIN TYPE 1

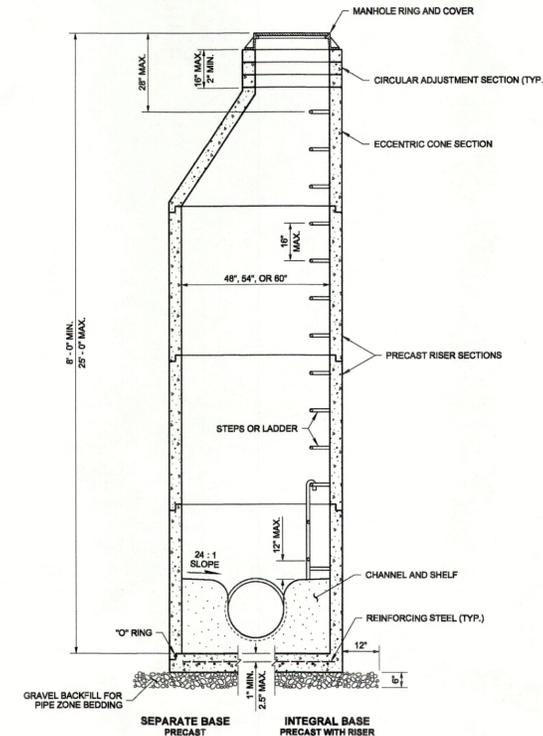
STANDARD PLAN B-5.20-03

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Roark, Steve, State Design Engineer, No. 41830, Washington State Department of Transportation

DRAWN BY: LISA OXFORD



NOTES

- Knockouts shall have a wall thickness of 2" minimum to 2.5" maximum.
- For pipe allowances, see Standard Plan B-10.20.

MANHOLE DIMENSION TABLE				
DIAM.	MIN. WALL THICKNESS	MIN. BASE THICKNESS	MAXIMUM KNOCKOUT SIZE	MINIMUM DISTANCE BETWEEN KNOCKOUTS
48"	4"	6"	36"	8"
54"	4.5"	8"	42"	8"
60"	5"	8"	48"	8"



Casey M. Kramer, State of Washington, No. 41830, Professional Engineer

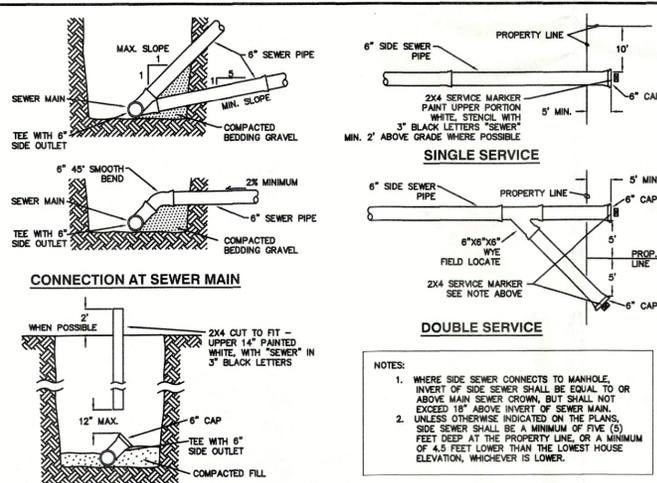
MANHOLE TYPE 1

STANDARD PLAN B-15.20-01

SHEET 1 OF 1 SHEET

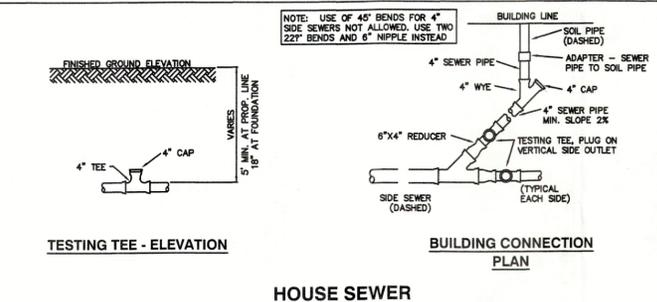
APPROVED FOR PUBLICATION

Pasco Bakotch III, State Design Engineer, No. 41830, Washington State Department of Transportation



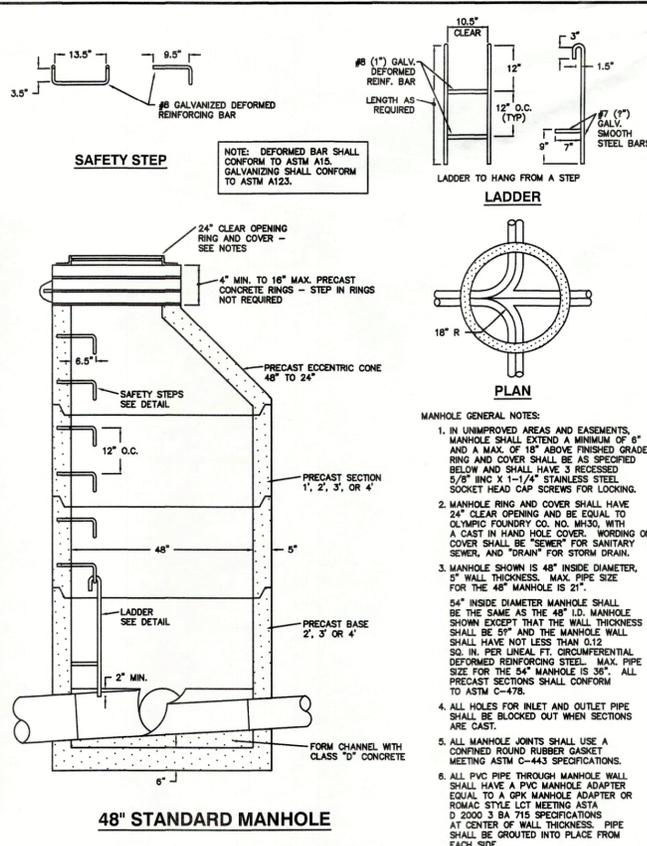
SIDE SEWER

NOTES:
1. WHERE SIDE SEWER CONNECTS TO MANHOLE, INVERT OF SIDE SEWER SHALL BE EQUAL TO OR ABOVE MAIN SEWER CROWN, BUT SHALL NOT EXCEED 18" ABOVE INVERT OF SEWER MAIN.
2. UNLESS OTHERWISE INDICATED ON THE PLANS, SIDE SEWER SHALL BE A MINIMUM OF FIVE (5) FEET DEEP AT THE PROPERTY LINE, OR A MINIMUM OF 4.5 FEET LOWER THAN THE LOWEST HOUSE ELEVATION, WHICHEVER IS LOWER.



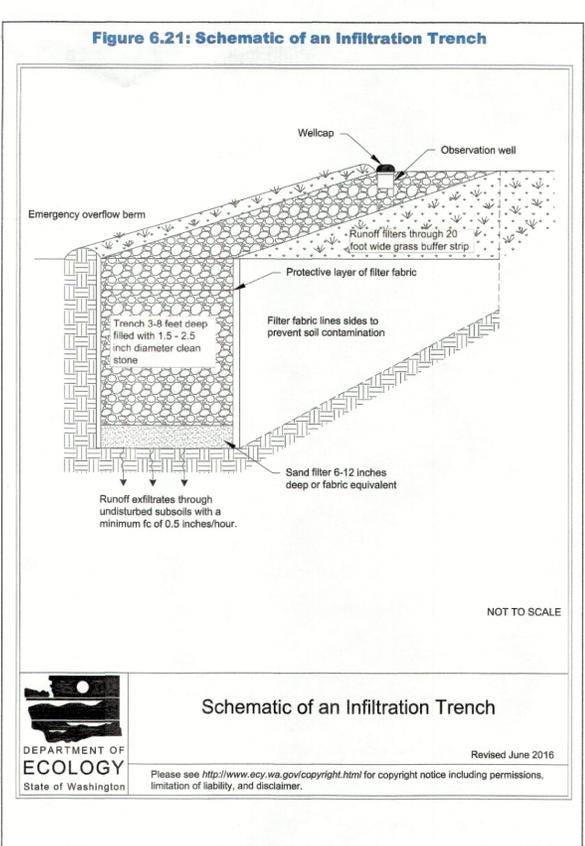
HOUSE SEWER

NOTE: USE OF 45° BENDS FOR 4" SIDE SEWERS NOT ALLOWED. USE TWO 22° BENDS AND 6" NIPPLE INSTEAD.



48" STANDARD MANHOLE

MANHOLE GENERAL NOTES:
1. IN UNIMPROVED AREAS AND EASEMENTS, MANHOLE SHALL EXTEND A MINIMUM OF 6" AND A MAX. OF 18" ABOVE FINISHED GRADE. RING AND COVER SHALL BE AS SPECIFIED BELOW AND SHALL HAVE 3 RECESSED 5/8" DIA. X 1-1/4" STAINLESS STEEL SOCKET HEAD CAP SCREWS FOR LOCKING.
2. MANHOLE RING AND COVER SHALL HAVE 24" CLEAR OPENING AND BE EQUAL TO OLYMPIA FOUNDRY CO. NO. M350, WITH A CAST IN HAND HOLE COVER. WORDING ON COVER SHALL BE "SEWER" FOR SANITARY SEWER, AND "DRAIN" FOR STORM DRAIN.
3. MANHOLE SHOWN IS 48" INSIDE DIAMETER, 5" WALL THICKNESS. MAX. PIPE SIZE FOR THE 48" MANHOLE IS 21".
54" INSIDE DIAMETER MANHOLE SHALL BE THE SAME AS THE 48" I.D. MANHOLE SHOWN EXCEPT THAT THE WALL THICKNESS SHALL BE 5" AND THE MANHOLE WALL SHALL HAVE NOT LESS THAN 0.12 SQ. IN. PER LINEAL FT. CIRCUMFERENTIAL DEFORMED REINFORCING STEEL. MAX. PIPE SIZE FOR THE 54" MANHOLE IS 30". ALL PRECAST SECTIONS SHALL CONFORM TO ASTM C-478.
4. ALL HOLES FOR INLET AND OUTLET PIPE SHALL BE BLOKED OUT WHEN SECTIONS ARE CAST.
5. ALL MANHOLE JOINTS SHALL USE A CONCRETE RING RUBBER GASKET MEETING ASTM C-443 SPECIFICATIONS.
6. ALL PVC PIPE THROUGH MANHOLE WALL SHALL HAVE A PVC MANHOLE ADAPTER EQUAL TO A GPM MANHOLE ADAPTER OR ROMAC STYLE LCT MEETING ASTA D 2000 3 BA T15 SPECIFICATIONS AT CENTER OF WALL THICKNESS. PIPE SHALL BE GROUTED INTO PLACE FROM EACH SIDE.



Schematic of an Infiltration Trench

2019 Stormwater Management Manual for Eastern Washington, Chapter 6 - Page 608

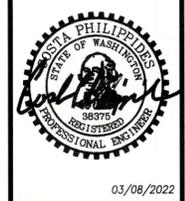
KITITAS COUNTY
APPROVED FOR CONSTRUCTION

THESE PLANS HAVE BEEN REVIEWED BY KITITAS COUNTY DEPARTMENT OF PUBLIC WORKS AND HAVE BEEN ACCEPTED FOR COMPLYING WITH THE REQUIREMENTS OF KITITAS COUNTY.

DIRECTOR OF PUBLIC WORKS _____ DATE _____

811
Know what's below. Call before you dig.

REVISIONS	DATE	BY	DESCRIPTION
	03/08/2022		



SKI ACRES ESTATES LOTS 6-11
SNOPASS SF LOFTS LLC
UTILITY DETAILS

Encompass
ENGINEERING & SURVEYING

Western Washington Division
165 NE Juniper Street, Suite 201 • Issaquah, WA 98027 • Phone: (425) 392-0250
407 Swiftwater Blvd. • Clallam, WA 98922 • Phone: (509) 674-7433

RECEIVED
MAR 09 2022
Kititas County CDS

JOB NO.	20264
DATE	03/08/2022
SCALE	NTS
DESIGNED	IWD
DRAWN	TNF
CHECKED	CP
APPROVED	CP
SHEET	8

SKI ACRES ESTATES LOTS 6-11

SW 1/4 OF SE 1/4 OF SECTION 9, T. 22 N., R. 11 E., W.M.
KITITITAS COUNTY, STATE OF WASHINGTON

CDS2015-4-C DESIGN NOTES

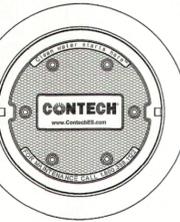
CDS2015-4-C RATED TREATMENT CAPACITY IS 0.7 CFS (19.8 L/s), OR PER LOCAL REGULATIONS. MAXIMUM HYDRAULIC INTERNAL BYPASS CAPACITY IS 10.0 CFS (283 L/s). IF THE SITE CONDITIONS EXCEED 10.0 (283 L/s) CFS, AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.
THE STANDARD CDS2015-4-C CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION

GRATED INLET ONLY (NO INLET PIPE)
GRATED INLET WITH INLET PIPE OR PIPES
CURB INLET ONLY (NO INLET PIPE)
CURB INLET WITH INLET PIPE OR PIPES
SEPARATE OIL BAFFLE (SINGLE INLET PIPE REQUIRED FOR THIS CONFIGURATION)
SEDIMENT WEIR FOR NJDEP / NJCAT CONFORMING UNITS

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	
WATER QUALITY FLOW RATE (CFS OR L/s)	*
PEAK FLOW RATE (CFS OR L/s)	*
RETURN PERIOD OF PEAK FLOW (YRS)	*
SCREEN APERTURE (2400 OR 4700)	*
PIPE DATA:	I.E. MATERIAL DIAMETER
INLET PIPE 1	* * *
INLET PIPE 2	* * *
OUTLET PIPE	* * *
RIM ELEVATION	*
ANTI-FLOTATION BALLAST	WIDTH HEIGHT
NOTES/SPECIAL REQUIREMENTS:	
* PER ENGINEER OF RECORD	



FRAME AND COVER
(DIAMETER VARIES)
N.T.S.

GENERAL NOTES

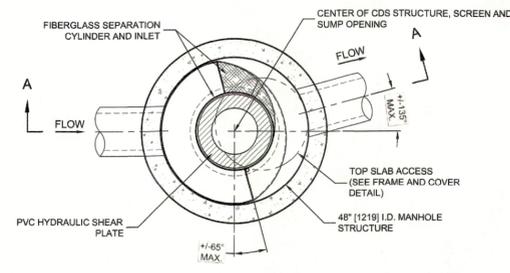
- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- DIMENSIONS MARKED WITH () ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
- FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
- CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
- STRUCTURE SHALL MEET AASHTO HS20 AND CASTINGS SHALL MEET HS20 (AASHTO M 306) LOAD RATING, ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
- PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

INSTALLATION NOTES

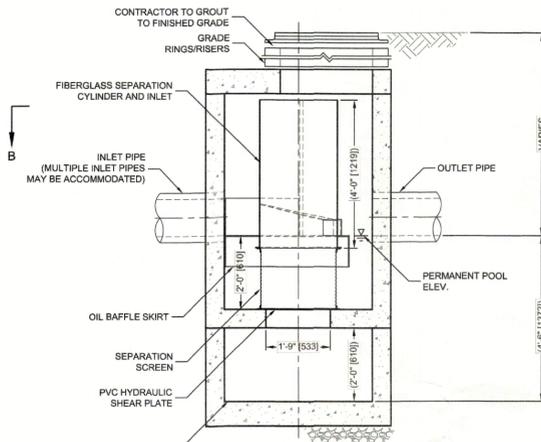
- ANY SUB-BASE BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.



CDS2015-4-C
INLINE CDS
STANDARD DETAIL



PLAN VIEW B-B
N.T.S.



ELEVATION A-A
N.T.S.



LISTON WATERWORKS/RSZ CDS40 STANDARD DRAWING/CDS2015-4-C OUTLINES 5/13/2014 5:02 PM



03/08/2022

SKI ACRES ESTATES LOTS 6-11
SNOPASS SF LOFTS LLC
UTILITY DETAILS

Encompass
ENGINEERING & SURVEYING
Western Washington Division
165 NE Juniper Street, Suite 201 • Issaquah, WA 98027 • Phone: (425) 392-0250
407 Southwater Blvd. • Clk. Elm, WA 98922 • Phone: (509) 674-7433

RECEIVED
MAR 09 2022

Kitititas County CDS



Know what's below.
Call before you dig.

KITITITAS COUNTY
APPROVED FOR CONSTRUCTION
THESE PLANS HAVE BEEN REVIEWED BY KITITITAS COUNTY DEPARTMENT OF PUBLIC WORKS AND HAVE BEEN ACCEPTED FOR COMPLYING WITH THE REQUIREMENTS OF KITITITAS COUNTY.
DIRECTOR OF PUBLIC WORKS _____ DATE _____

JOB NO.	20264
DATE	03/08/2022
SCALE	NTS
DESIGNED	IWD
DRAWN	TNF
CHECKED	CP
APPROVED	CP
SHEET	9

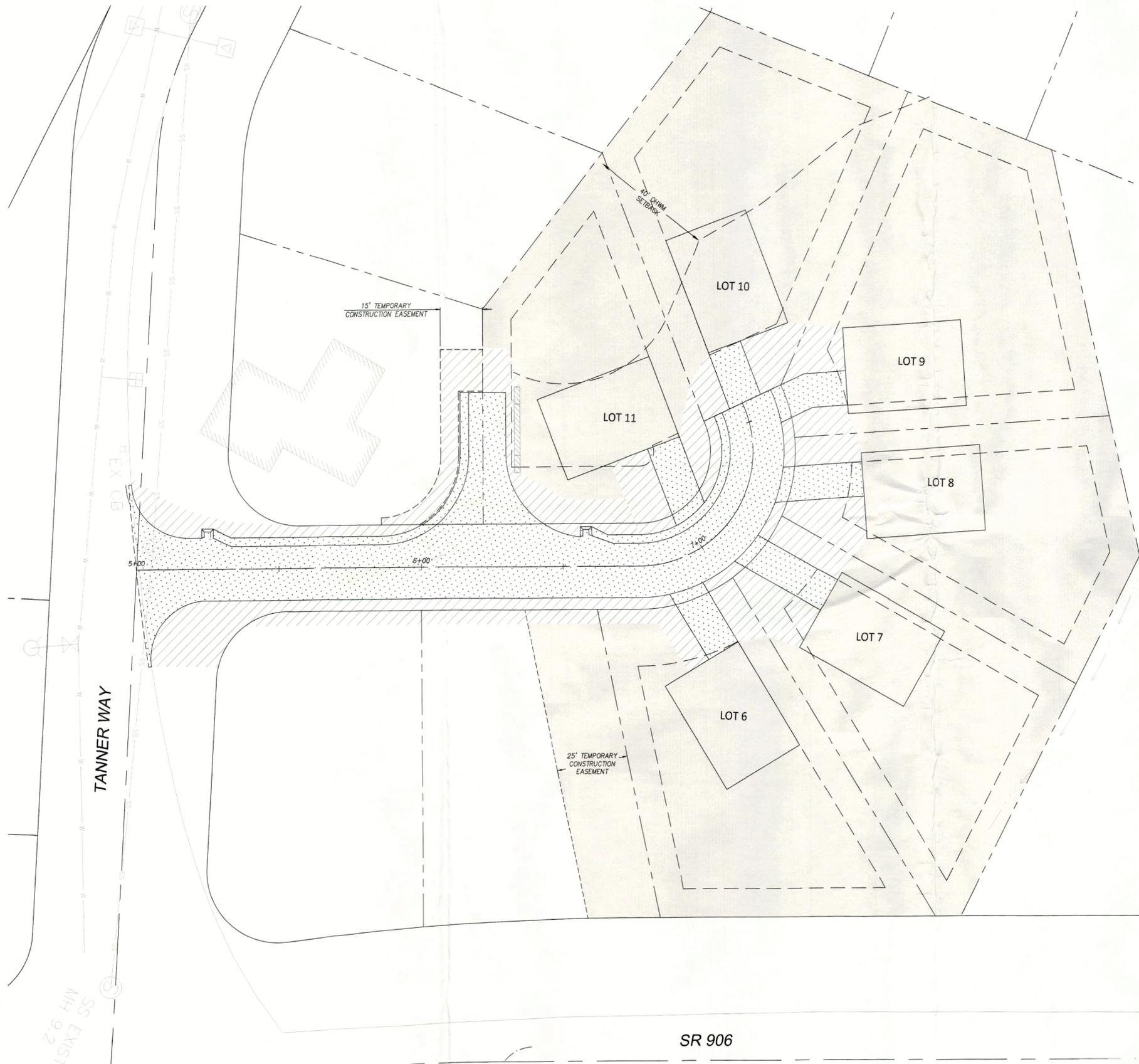
FILENAME: s:\2020264 - SILVER FOX ENGINEERING\PLAN SHEETS\20264 - DETAILING

SKI ACRES ESTATES LOTS 6-11

SW 1/4 OF SE 1/4 OF SECTION 9, T. 22 N., R. 11 E., W.M.
KITTITAS COUNTY, STATE OF WASHINGTON



0 5 10 20
SCALE 1" = 20'



LEGEND

- SNOW REMAINS IN-PLACE
- SNOW STORAGE AREA
- PLOWED AREA

SNOW REMOVAL CALCULATIONS

ISCOT MOUNTAIN PASS SNOW DEPTH REPORT DATA WAS USED TO DETERMINE THE AVERAGE HEIGHT OF SNOWPACK ON THE GROUND DURING THE HIGHEST MONTH OF THE WINTER (TYPICALLY FEBRUARY OR MARCH) AT SHOULDER PASS. THIS CALCULATION TOOK THE 5-YEAR AVERAGE OF THE HIGHEST MONTH AND AVERAGE THESE HEIGHTS FOR MEASUREMENTS FROM 1999-2022. THIS AVERAGE REPRESENTS THE AMOUNT OF SNOW THE SITE WOULD EXPERIENCE DURING THE SNOWEST MONTHS OF THE WINTER.

AVERAGE SNOW DEPTH DURING HIGHEST SNOW MONTH =	85.1" (8.87')
PROPOSED ROAD & DRIVEWAY SNOW PLOWED AREA =	8,000 SF
SNOW DEPTH ON ROAD & DRIVEWAY =	85.1" (8.87')
VOL. REQUIRED TO STORE SNOW FROM ROAD & DRIVEWAY AREAS =	681,400 CF
SNOW STORAGE AREA =	2,457 SF
VOL. OF IN-PLACE SNOW IN SNOW STORAGE AREA (85.1") =	46,823 CF
VOL. OF TOTAL SNOW IN STORAGE AREA =	308,583 CF
SNOW DEPTH IN SNOW STORAGE AREA REQUIRED =	14.7'

DESCRIPTION	BY	DATE
REVISED PER COUNTY COMMENTS <td>ID</td> <td>03/08/2022</td>	ID	03/08/2022



SKI ACRES ESTATES LOTS 6-11
SNOPASS SF LOFTS LLC
SNOW STORAGE PLAN

Encompass
ENGINEERING & SURVEYING
Western Washington Division
165 NE Juniper Street, Suite 201 • Issaquah, WA 98027 • Phone: (425) 392-0250
Eastern Washington Division
407 Swiftwater Blvd. • Cle Elum, WA 98922 • Phone: (509) 674-7433

JOB NO.	20264
DATE	03/08/2022
SCALE	1" = 30'
DESIGNED	IWD
DRAWN	TNF
CHECKED	CP
APPROVED	CP
SHEET	10

KITTITAS COUNTY
APPROVED FOR CONSTRUCTION
THESE PLANS HAVE BEEN REVIEWED BY KITTITAS COUNTY DEPARTMENT OF PUBLIC WORKS AND HAVE BEEN ACCEPTED FOR COMPLYING WITH THE REQUIREMENTS OF KITTITAS COUNTY.

DIRECTOR OF PUBLIC WORKS

DATE

811
Know what's below.
Call before you dig.

FILENAME: A:\20\20264 - SILVER PAVENING\DWG\PLAN SHEETS\20264 - SNOW.DWG