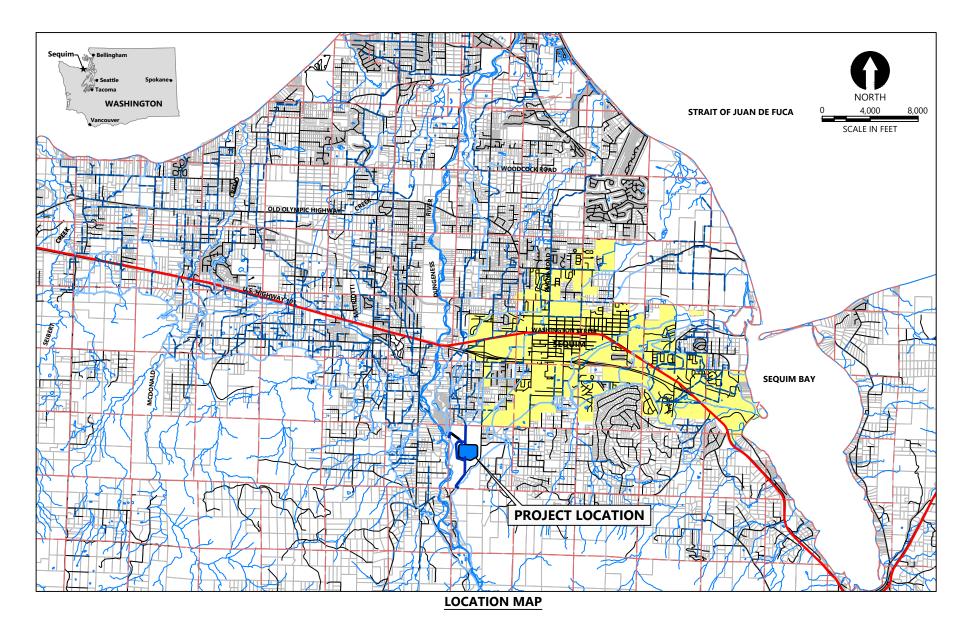
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DUNGENESS OFF-CHANNEL RESERVOIR

CLALLAM COUNTY



		DRAWING INDEX
SHT #	DWG#	TITLE
1	G01	COVER SHEET
2	G02	GENERAL NOTES, ABBREVIATIONS, AND LEGENDS
3	G03	OVERALL SITE PLAN AND DRAWING INDEX
4	T01	TEMPORARY ACCESS AND STAGING PLAN
5	C01	RESERVOIR SITE PLAN
6	C02	RESERVOIR GRADING PLAN (NORTHWEST)
7	C03	RESERVOIR GRADING PLAN (NORTHEAST)
8	C04	RESERVOIR GRADING PLAN (SOUTHEAST)
9	C05	RESERVOIR GRADING PLAN (SOUTHWEST)
10	C06	RESERVOIR SECTIONS
11	C07	RESERVOIR SECTIONS
12	C08	RESERVOIR INLET PIPELINE PLAN AND PROFILE
13	C09	RESERVOIR INLET PIPELINE PLAN AND PROFILE
14	C10	RESERVOIR INLET PIPELINE PLAN AND PROFILE
15	C11	RESERVOIR OUTLET PIPELINE PLAN AND PROFILE
16	C12	RESERVOIR OUTLET PIPELINE PLAN AND PROFILE
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19	C15	RESERVOIR BYPASS PIPELINE PLAN AND PROFILE
20	C16	RESERVOIR INTAKE FACILITY UPGRADES
21	C17	RESERVOIR INLET FLOW CONTROL STRUCTURE PLAN AND SECTIONS
22	C18	RESERVIOIR INLET STRUCTURE PLAN AND SECTIONS
23	C19	RESERVOIR OUTLET STRUCTURE PLAN AND SECTIONS
24	C20	RESERVOIR SPILLWAY PLAN AND PROFILE
25	C21	RESERVOIR SPILLWAY PLAN AND PROFILE
26	C22	RESERVOIR SPILLWAY STRUCTURE PLAN AND SECTIONS

PROJECT DATA

LOCATION: CLALLAM COUNTY PARCEL 04036210000 SECTION 36, TOWNSHIP 30N, RANGE 04W

PROJECT ENGINEER: DAVID RICE, P.E.

> ANCHOR QEA, LLC 1201 3RD AVENUE, SUITE 2600

SEATTLE, WA 98101 (206) 219-5902

GEOTECHNICAL ENGINEER: STAN BOYLE, PHD, PE, D.GE, M.ASCE

> SHANNON & WILSON PO BOX 300303

400 N 34TH STREET, SUITE 100 SEATTLE, WA 98103 PHONE: (206) 632-8020

PROJECT ADMINISTRATOR/

CAROL L. CREASEY, RESERVOIR PROJECT MANAGER/HYDROGEOLOGIST

CONTRACTING AGENCY: CLALLAM COUNTY 223 E. 4TH STREET, SUITE 6

> PORT ANGELES, WA 98362 (360) 417-2424

EARTH\	NORK
TOTAL CUT VOLUME	1,243,501 CY
TOTAL FILL VOLUME	642,529 CY
TOTAL AREA OF	118 AC

SURVEY INFORMATION

HORIZONTAL DATUM FOR THIS SURVEY IS NAD 1983(11), WASHINGTON STATE PLANE NORTH ZONE COORDINATE SYSTEM, U.S. SURVEY FEET. THE HORIZONTAL DATUM IS BASED ON PUBLISHED INFORMATION FROM WSDOT, POINT DESIGNATIONS PETE AND FS0506.

POINT DESIGNATION PETE NORTHING: 387953.181 EASTING: 1073114.596

POINT DESIGNATION FS0506 NORTHING: 399609.345 EASTING: 1077813.458

VERTICAL DATUM IS NAVD88 BASED ON PUBLISHED INFORMATION FROM WSDOT, POINT DESIGNATION PETE

POINT DESIGNATION ELEVATION: 457.443

THE GEOTECHNICAL ENGINEER CONSENTS THAT THESE PLANS ARE IN ACCORDANCE TO THE DRAFT PHASE 1 GEOTECHNICAL DATA REPORT, DUNGENESS OFF-CHANNEL RESERVOIR AND DRAFT PHASE 1 CONCEPTUAL GEOTECHNICAL ENGINEERING REPORT AND DUNGENESS OFF-CHANNEL RESERVOIR BY SHANNON & WILSON DATED NOVEMBER 2021.

30% DESIGN: NOT FOR CONSTRUCTION





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	REV	DATE	BY	APP'D	DESCRIPTION	
						Δ.

DRAWN BY: T. GRIGA CHECKED BY: D. RICE PROVED BY: R. MONTGOMERY SCALE: AS NOTED

DUNGENESS OFF-CHANNEL RESERVOIR

G01

COVER SHEET

SHEET # 1 OF 26

GENERAL CONSTRUCTION NOTES:

- CONTRACT DOCUMENTS REFER TO THESE DRAWINGS, THE PROJECT SPECIFICATIONS, AND THE BIDDING DOCUMENTS, AND THE CONSTRUCTION CONTRACT
- 2. EXCEPT AS OTHERWISE NOTED HEREIN, ALL MATERIAL AND WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE WSDOT/APWA "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION" (2021 EDITION), OTHER APPLICABLE STANDARDS, AND ACCORDING TO MANUFACTURER'S
- THE CONTRACTOR SHALL HAVE COPIES OF THE APPROVED CONTRACT DOCLIMENTS AND THE WSDOT/APWA "STANDARD SPECIFICATIONS FOR ROAD BRIDGE AND MUNICIPAL CONSTRUCTION" (2021 EDITION) ON THE JOBSITE AT ALL TIMES.
- THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR VERIFYING FIELD CONDITIONS AND DIMENSIONS, AND CONFIRMING THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THESE CONTRACT DOCUMENTS. ANY DISCREPANCIES RETWEEN THE EXISTING FIELD CONDITIONS AND DIMENSIONS SHOWN ON THE CONTRACT DOCUMENTS AND THOSE OBSERVED BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE PROJECT ADMINISTRATOR PRIOR TO PROCEEDING WITH CONSTRUCTION.
- A PRE-CONSTRUCTION MEETING BETWEEN THE OWNER, THE PROJECT ADMINISTRATOR AND THE ENGINEER SHALL BE REQUIRED PRIOR TO ANY ON-SITE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING RIGHT-OF-WAY PERMITS FROM CLALLAM COUNTY PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL SUBMIT RIGHT-OF-WAY USE PERMIT APPLICATIONS AND PAY ALL APPLICABLE FEES.
- THE CONTRACTOR SHALL RECEIVE, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WITH ANY WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
- ALL WORK SHALL BE IN CONFORMANCE WITH EXISTING LABOR LAWS. SAFETY REQUIREMENTS, AND OTHER REGULATIONS, AS REQUIRED BY CLALLAM COUNTY, THE STATE OF WASHINGTON, AND THE FEDERAL GOVERNMENT. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND IS NOT LIMITED TO NORMAL WORKING
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK LINDER THIS CONTRACT
- 10. ALL MATERIALS SHALL BE NEW AND UNDAMAGED UNLESS OTHERWISE APPROVED BY THE CONTRACTING OFFICER AND HIS ENGINEER. THE SAME MANUFACTURER OF EACH ITEM SHALL BE USED THROUGHOUT THE WORK UNLESS OTHERWISE APPROVED BY THE OWNER'S
- 11. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL NOT EXCAVATE OR DISTURB BEYOND THE CLEARING LIMITS SHOWN ON THE DRAWINGS UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE.
- 12. THE CONTRACTOR SHALL MAKE ALL NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS ROADWAYS DRAINAGE WAYS CULVERTS AND VEGETATION LINTIL SLICH ITEMS ARE TO BE DISTURBED OR REMOVED AS INDICATED ON THE CONTRACT DOCUMENTS.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF PROPERTY IN AND AROUND THE PROJECT AREA. UNLESS OTHERWISE NOTED ON THESE DRAWINGS, ITEMS SUCH AS MAILBOXES, CULVERTS, LAWN ORNAMENTS, FENCING, DRIVEWAYS, IRRIGATION BOXES, ETC., THAT ARE AFFECTED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED OR REPLACED FOLLOWING CONSTRUCTION.
- 14. RUBBISH, DEBRIS, AND GARBAGE SHALL BE REMOVED FROM THE JOB SITE PRIOR TO ACCEPTANCE AND DISPOSED OF LEGALLY. SEE THE SPECIFICATIONS FOR ADDITIONAL
- 15. DISTURBED AREAS SHALL BE GRADED SMOOTH AND PROTECTED AND/OR REVEGETATED AS INDICATED IN THE SPECIFICATIONS
- 17. THE NOTES, DETAILS AND SPECIFICATIONS ON THE CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.
- 18. DIMENSION CALL-OUTS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON THE
- 19. THE CONTRACTOR SHALL MAINTAIN HAND DRAWN REDLINES, FIELD NOTES AND PHOTOGRAPHS ("FIELD DOCUMENTATION") OF ALL IMPROVEMENTS AS THE WORK PROGRESSES. THE CONTRACTOR'S FIELD DOCUMENTATION SHALL BE MAINTAINED ON-SITE AND SHALL BE AVAILABLE FOR REVIEW BY THE OWNER AND THE ENGINEER AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE FIELD DOCUMENTATION TO THE ENGINEER FOR PREPARATION OF CERTIFIED RECORD DRAWINGS PRIOR TO PROJECT ACCEPTANCE.

PIPELINE CONSTRUCTION NOTES:

- PIPE SHALL BE BUTT-FUSED HDPE, UNLESS OTHERWISE INDICATED ON THE DRAWINGS. IF NO PRESSURE RATING IS SHOWN ON THE DRAWINGS, PIPE SHALL HAVE A MINIMUM PRESSURE RATING OF 80 PSI, SEE THE SPECIFICATIONS FOR ADDITIONAL DETAILS
- FITTINGS SHALL BE HDPE SDR 26, BUTT-FUSED JOINT TYPE, AND SHALL HAVE A PRESSURE RATING EQUAL TO OR GREATER THAN THAT OF THE ADJACENT PIPE. SEE THE SPECIFICATIONS FOR ADDITIONAL DETAILS.
- THE CONTRACTOR SHALL INSTALL PIPE TO MATCH THE ALIGNMENT AND GRADES SHOWN ON THE PLAN AND PROFILE DRAWINGS. THE CONTRACTOR SHALL FURNISH FITTINGS OR DEFLECT THE PIPE AS ALLOWED BY THE MANUFACTURER TO MATCH THE ALIGNMENT AND GRADES
- 4. MINIMUM COVER FOR ALL PIPE SHALL BE THIRTY-SIX INCHES (36") FROM TOP OF PIPE TO FINISH GRADE UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER. THE MAXIMUM COVER OVER THE PIPE SHALL BE AS ALLOWED BY THE PIPE MANUFACTURER FOR THE INTENDED USE.
- PIPELINES ARE DESIGNED TO OPERATE UNDER PRESSURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTRAINING PIPE AND FITTINGS AGAINST ALL UNRESOLVED HYDROSTATIC FORCES. PROVIDE THRUST BLOCKING, AS SHOWN ON THE DRAWINGS. WHERE ADEQUATE BEARING AREA AGAINST UNDISTURBED SOIL IS NOT AVAILABLE FOR THRUST BLOCKING, THE CONTRACTOR SHALL PROVIDE RESTRAINED JOINT FITTINGS. RESTRAINED JOINT FITTINGS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION, NEW IRRIGATION PIPE SHALL BE PRESSURE TESTED IN ACCORDANCE WITH SECTION 7-09.3(23) OF THE WSDOT "STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION" (2021 EDITION)
- PRIOR TO BEGINNING THE WORK SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE CONDITION AND INVERT ELEVATIONS OF EACH EXISTING CULVERT SHOWN ON THE DRAWINGS TO REMAIN WHERE THE PROPOSED PIPELINE WILL BE INSTALLED THROUGH THE CULVERT. THE CONTRACTOR SHALL CONFIRM THAT PIPE CAN BE INSTALLED IN EACH EXISTING CULVERT AS INDICATED ON THE DRAWINGS. IF THE CONTRACTOR IDENTIFIES A CONDITION OR CONFLICT THAT WILL PREVENT THE PROPOSED PIPE FROM BEING INSTALLED IN THE EXISTING CULVERT, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH CONSTRUCTION.

LOCATION OF EXISTING UTILITIES:

- THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE. AND HAVE NOT BEEN FIELD VERIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE UTILITY LOCATION REQUEST CENTER (ONE-CALL CENTER) AT 811 OR 1-800-424-5555 FOR UTILITY LOCATIONS NOT LESS THAN TWO (2) BUSINESS DAYS BEFORE THE SCHEDULED DATE FOR EARTHWORK OR TRENCHING THAT MAY IMPACT EXISTING
- THE SIZE, LOCATION, AND TYPE OF UNDERGROUND UTILITIES EXPOSED OR MODIFIED BY THE CONTRACTOR SHALL BE ACCURATELY NOTED AND PLACED ON THE CONTRACTOR'S AS-BUILT DRAWINGS. SEE GENERAL CONSTRUCTION NOTE 19 FOR ADDITIONAL REQUIREMENTS RELATED TO THE CONTRACTOR'S AS-BUILT DRAWINGS AND FIELD DOCUMENTATION.

SURVEY AND BASEMAP INFORMATION:

TOPOGRAPHIC SURVEY OF EXISTING DITCH AND LATERAL ALIGNMENTS COMPLETED IN MAY AND JUNE 2021 BY PARAMETRICS, INCORPORATED. ADDITIONAL CONTOURS FROM SURVEY WITHIN EXTENTS SHOWN AND FROM PUGET SOUND LIDAR CONSORTIUM (PSLC) DATA OUTSIDE EXTENTS OF SURVEY, ADDITIONAL BASEMAP INFORMATION FROM CLALLAM COUNTY GIS DATA, AERIAL PHOTOGRAPHY: BING MAPS

HORIZONTAL DATUM FOR THIS SURVEY IS NAD 1983(11), WASHINGTON STATE PLANE NORTH ZONE COORDINATE SYSTEM, U.S. SURVEY FEET. THE HORIZONTAL DATUM IS BASED ON PUBLISHED INFORMATION FROM WSDOT, POINT DESIGNATIONS PETE AND FS0506.

POINT DESIGNATION PETE NORTHING: 387953.181 EASTING: 1073114.596

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VERTICAL DATUM IS NAVD88 BASED ON PUBLISHED INFORMATION FROM WSDOT, POINT DESIGNATION PETE

POINT DESIGNATION ELEVATION: 457.443

GRADING AND EARTHWORK GENERAL NOTES:

- THE CONTRACTOR SHALL LIMIT DISTURBANCE OF THE EXISTING SURFACE TO THE LIMITS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL FLAG OR MARK THE CLEARING AND DISTURBANCE LIMITS PRIOR TO CONSTRUCTION
- THE CONTRACTOR SHALL CLEAR AND GRUB WITHIN THE MARKED CLEARING LIMITS, AS NEEDED FOR RESERVOIR EXCAVATION, PIPELINE CONSTRUCTION, AND STAGING AND PROCESSING OF MATERIALS FOR THE PROJECT IN ACCORDANCE WITH SECTION 2-01 OF THE STANDARD SPECIFICATIONS. DISPOSAL OF CLEARED MATERIAL SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTING ORGANIZATION'S REPRESENTATIVE SHALL APPROVE THE DISPOSAL METHOD. DISPOSAL SHALL BE IN ACCORDANCE WITH APPLICABLE PERMITS AND STATE AND LOCAL REGULATIONS.
- ALL EXPOSED OR EXCAVATED SLOPES STEEPER THAN 3:1 MUST BE STABILIZED WITH JUTE MAT OR OTHER APPROVED STABILIZATION WITHIN 24 HOURS OF EXPOSURE.
- EXPOSED SOIL MUST BE COVERED WITHIN 5 DAYS OF EXPOSURE DURING THE DRY SEASON (APRIL 1 THROUGH SEPTEMBER 30), AND WITHIN 48 HOURS OF EXPOSURE DURING THE WET SEASON (OCTOBER 1 THROUGH MARCH 31).
- FOR ADDITIONAL TESC REQUIREMENTS, SEE THE TESC PLANS, THE SPECIFICATIONS, AND THE APPROVED CONSTRUCTION SWPPP.
- COMPACTION OF SOILS PLACED FOR THE PROJECT SHALL BE AS SHOWN ON THE DRAWINGS OR AS REQUIRED BY THE SPECIFICATIONS. WHERE NOT SHOWN OR SPECIFIED, EMBANKMENT SOILS AND SOILS SUPPORTING STRUCTURES OR TRAFFIC SHALL BE COMPACTED TO AT LEAST 95% MAXIMUM DRY DENSITY. AS DETERMINED BY A MODIFIED PROCTOR TEST. ALL OTHER SOILS SHALL BE COMPACTED TO AT LEAST 90% OF MAXIMUM
- WHERE REQUIRED BY THE CONTRACTING ORGANIZATION'S REPRESENTATIVE OR THE GEOTECHNICAL ENGINEER, UNSUITABLE SUBGRADE MATERIAL SHALL BE REMOVED AND REPLACED WITH SUITABLE ON-SITE EMBANKMENT FILL OR OTHER MATERIAL DESIGNATED BY THE CONTRACTING ORGANIZATION'S REPRESENTATIVE PRIOR TO COMPACTION AND
- THE CONTRACTOR SHALL DEWATER OR OTHERWISE DRAIN ALL EXCAVATIONS TO A MINIMUM OF 1 FOOT BELOW SUBGRADE ELEVATION PRIOR TO PLACING AND COMPACTING BACKFILL. DEWATERING AND DISPOSAL OF WATER SHALL COMPLY WITH STATE AND LOCAL REGULATIONS AND APPLICABLE PERMITS REQUIREMENTS. DWATERING WATER SHALL BE DISPERSED ON SITE.
- A LICENSED GEOTECHNICAL ENGINEER SHALL SUPERVISE PLACEMENT OF ALL EMBANKMENT AND FILL MATERIAL AND SHALL WITNESS ALL ON-SITE GEOTECHNICAL
- 10. CONSTRUCTION RECORDS OF SOIL ACTIVITIES AND COMPACTION TESTING SHALL BE TRANSMITTED TO THE CONTRACTING AGENCY ON A WEEKLY BASIS ALL TEST RESULTS. SHALL INCLUDE A MAP INDICATING THE TEST LOCATION.
- 11. FOR ADDITIONAL GRADING AND EARTHWORK REQUIREMENTS, SEE THE SPECIFICATIONS.
- 12. GRADING SHALL BE DONE UNDER THE SUPERVISION OF A LICENSED GEOTECHNICAL ENGINEER IN CONFORMANCE WITH THE RECOMMENDATIONS OF THE DRAFT PHASE 1 GEOTECHNICAL DATA REPORT. DUNGENESS OFF-CHANNEL RESERVOIR AND DRAFT PHASE 1 CONCEPTUAL GEOTECHNICAL ENGINEERING REPORT AND DUNGENESS OFF-CHANNEL RESERVOIR BY SHANNON & WILSON DATED NOVEMBER 2021, THIS REPORT IS PART OF

TOPOGRAPHIC SURVEY GENERAL NOTES:

- THIS MAP CORRECTLY REPRESENTS CONDITIONS AND FEATURES EXISTING AT THE TIME OF THIS SURVEY IN OCTOBER, 2021.
- CONVENTIONAL AND GPS SURVEY EQUIPMENT WAS USED IN THE PERFORMANCE OF THIS SURVEY. ALL EQUIPMENT IS MAINTAINED IN CONFORMANCE WITH CURRENT STATE STATUTE.
- THIS SURVEY WAS PREPARED BY FIELD TRAVERSE AS PER WAC 332-130-090, PART C. RELATIVE ACCURACY EXCEEDS 1 FOOT IN TEN THOUSAND.
- 4. ALL SURFACE FEATURES AND INVERT STRUCTURE ELEVATION SHOWN HEREON WERE FIELD LOCATED AND MEASURED BY PARAMETRIX FOR THIS SURVEY. UNDERGROUND UTILITY LINES ARE BASED UPON A COMBINATION OF SURFACE FEATURE MEASUREMENTS AND ONSITE UNDERGROUND UTILITY MARKINGS

DESIGNED BY: G. HART

DRAWN BY: T. GRIGA CHECKED BY: D. RICE APPROVED BY: R. MONTGOMERY

SCALE: AS NOTED

DATE: MARCH 2022

THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA. EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND LITHITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

ABBREVIATIONS:

FEET, MINUTES INCHES, SECONDS

DEGREES AMERICAN PUBLIC WORKS ASSOCIATION ΔΡ\Λ/Δ

AMERICAN WATER WORKS ASSOCIATION AWWA ASSEMBLY

CUBIC FEET PER SECOND

ASSY AMERICAN SOCIETY FOR TESTING AND MATERIALS

CONCRETE CY CUBIC YARDS D.I DLICTILE IRON DIA DIAMETER DWG

CONC

DRAWING EAST, EASTING ELEV ELEVATION EX **EXISTING**

FG FINISHED GRADE FLOW LINE, FLANGE, FLANGED

FPS FFFT PFR SECOND

FT GALV GALVANIZED

GPM GALLONS PER MINUTE GV GATE VALVE

HPDE HIGH-DENSITY POLYETHYLENE

I.D. INSIDE DIAMETER INVERT ELEVATION

INCHES

LENGTH LINEAR FEET MAX MAXIMUM MINIMUM

MIN MJ MECHANICAL JOINT NORTH NORTHING NORTH AMERICAN DATUM NAD

NGVD NATIONAL GEODETIC VERTICAL DATUM

NO., # NUMBER NOT TO SCALE ON CENTERS

O.D. OUTSIDE DIAMETER POWER PSI POUNDS PER SOLIARE INCH

POLYVINYL CHLORIDE PVC P.E. PROFESSIONAL ENGINEER

R. RAD REINF REINFORCED, REINFORCEMENT

ROW RIGHT OF WAY

SLOPE, SANITARY SEWER, SOUTH SCH SCHEDULE STA STATION

SY SQUARE YARD TELEPHONE

WEST, WATER W/

WASHINGTON STATE DEPARTMENT OF ECOLOGY WSDOF WASHINGTON STATE DEPARTMENT OF TRANSPORTATION WSDOT

WATER SURFACE ELEVATION WSEL WASHINGTON WATER TRUST

PARAMETRIX CONTROL TABLE

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POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
3002	389371.36	1075574.86	459.42	SET MAG NAIL
3003	393414.30	1076311.40	399.63	SET HUB & TACK
3006	393014.30	1076293.87	407.50	SET HUB & TACK
3015	394275.38	1076395.40	382.28	SET HUB & MAG
3016	389296.14	1075516.70	459.55	SET HUB & TACK
3017	390127.03	1076140.96	444.54	SET HUB & TACK
3118	390269.15	1076248.33	442.22	SET HUB & TACK
3119	389212.86	1075589.65	464.08	SET HUB & TACK
3120	389148.27	1075682.01	488.84	SET NAIL
3121	389111.68	1075659.20	489.63	SET HUB & TACK
3122	389123.44	1075681.64	486.43	SET HUB & TACK

30% DESIGN: NOT FOR CONSTRUCTION



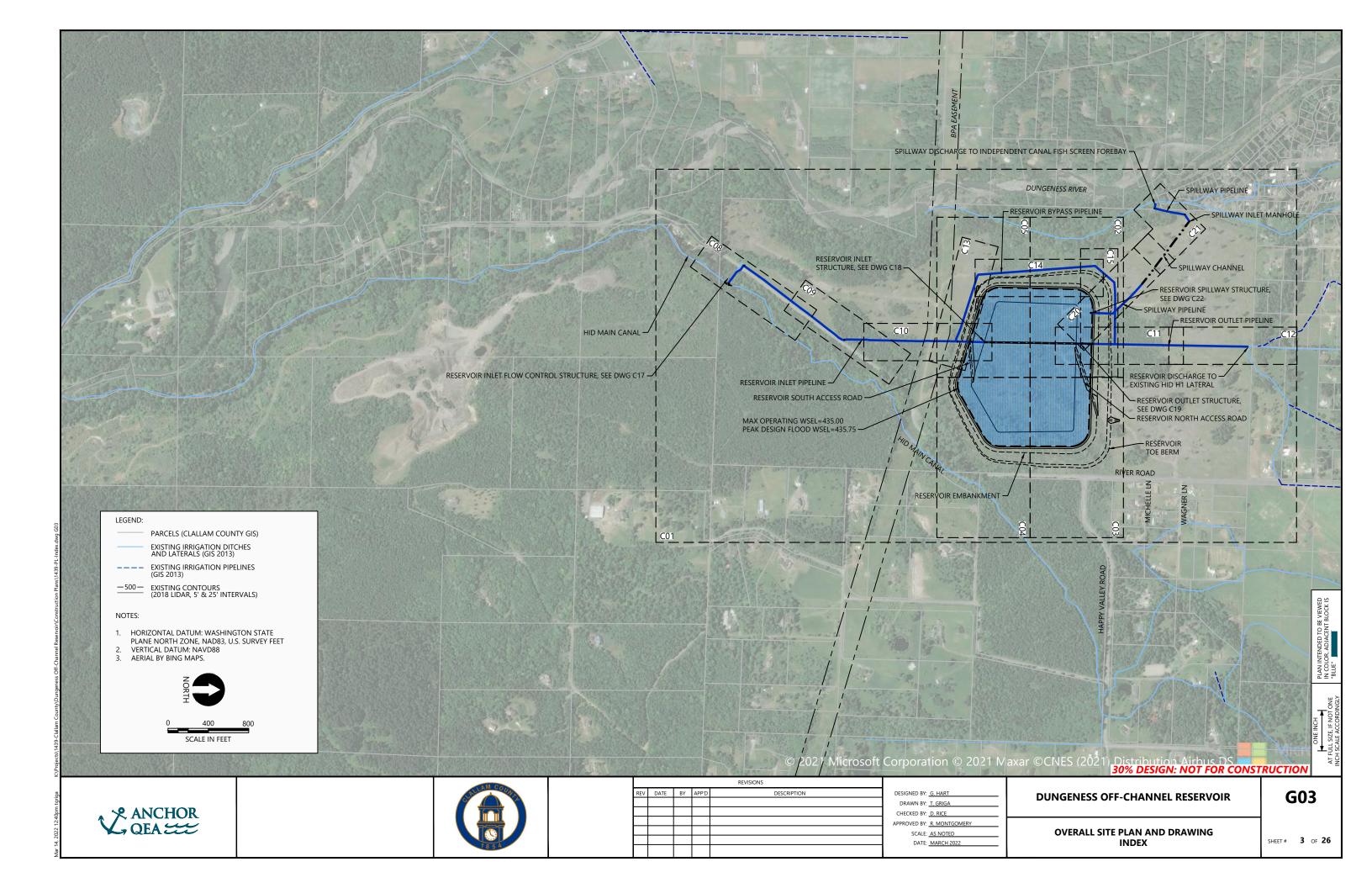
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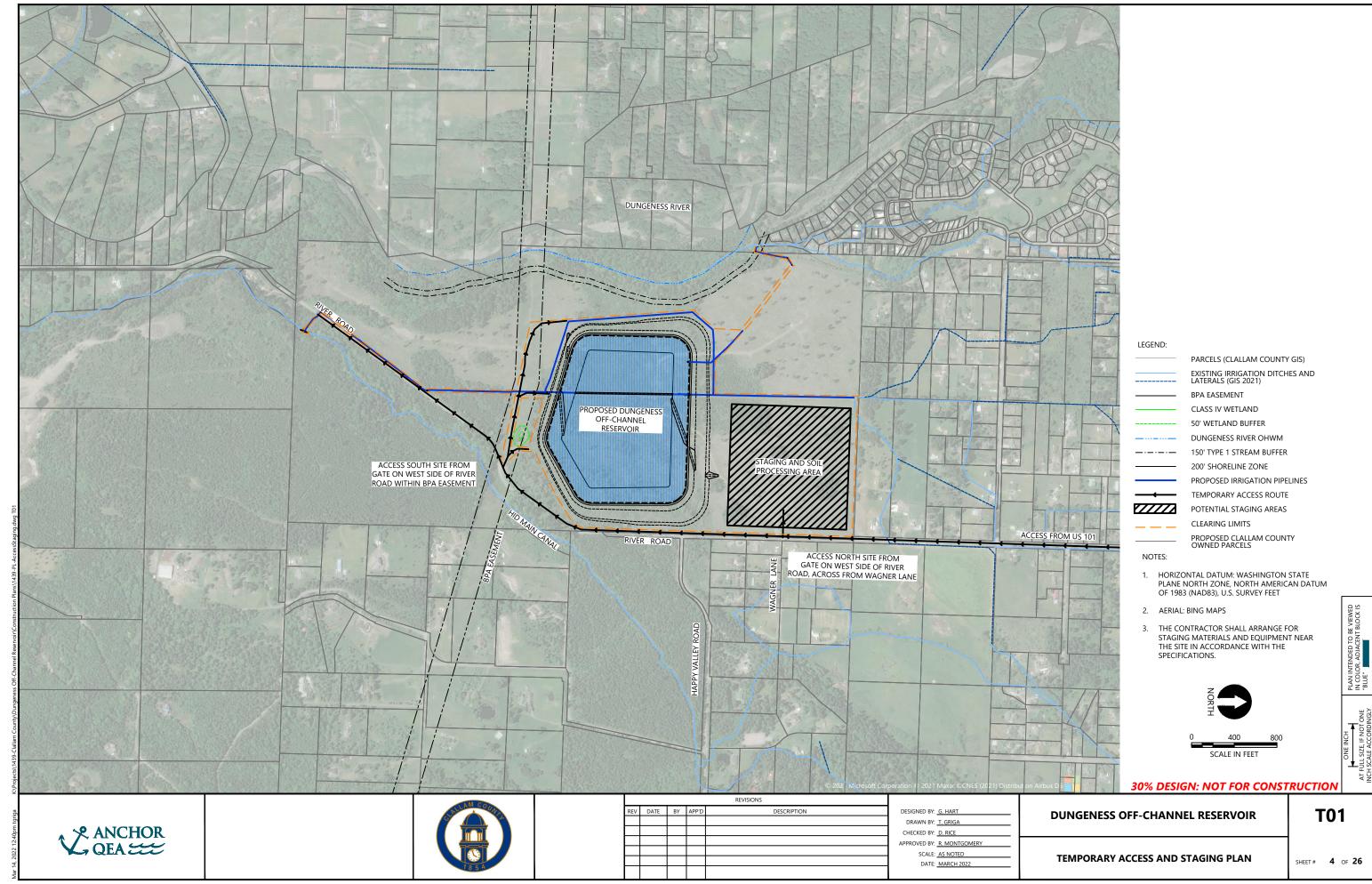
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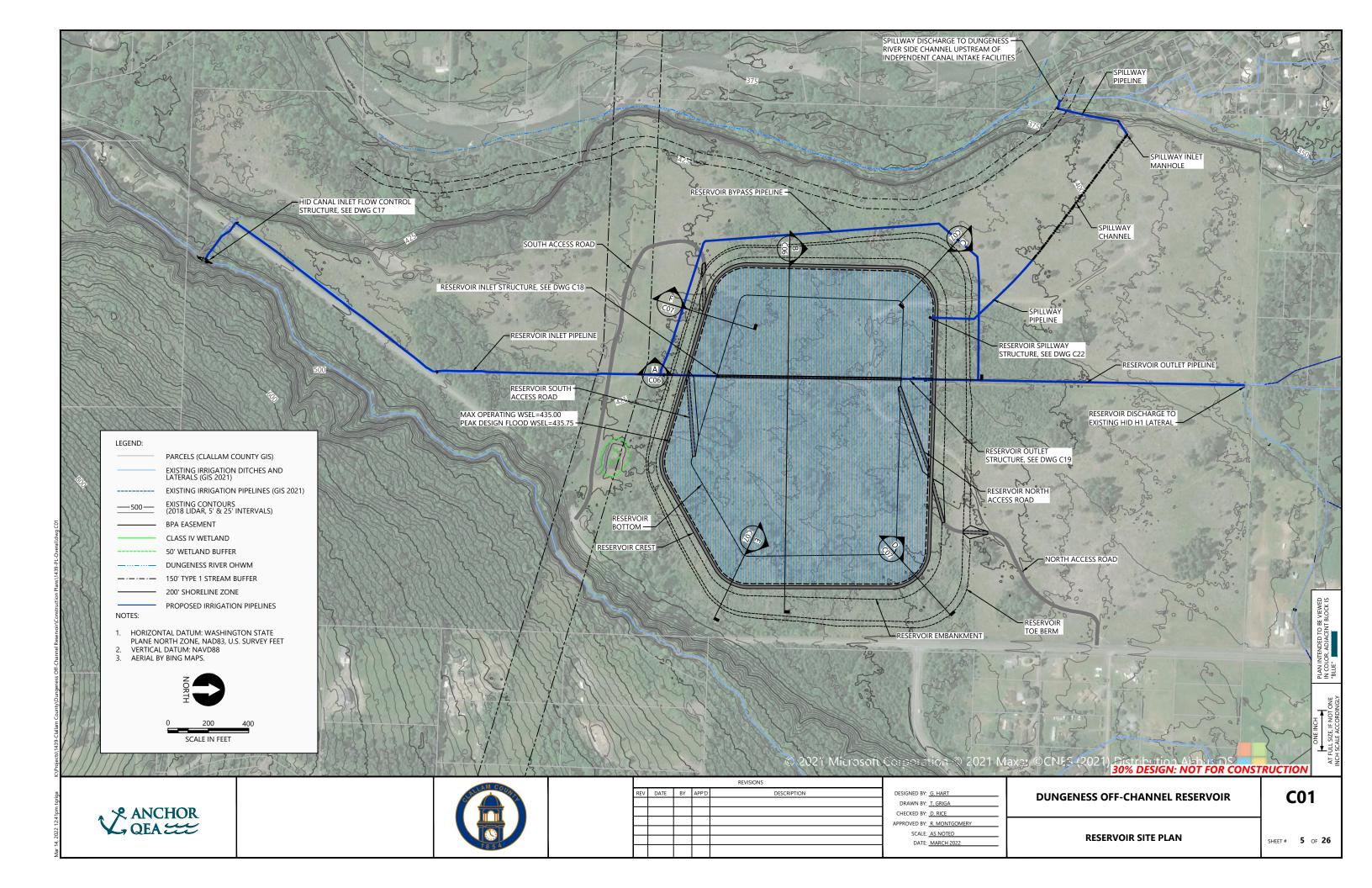
GENERAL NOTES, ABBREVIATIONS, AND LEGENDS

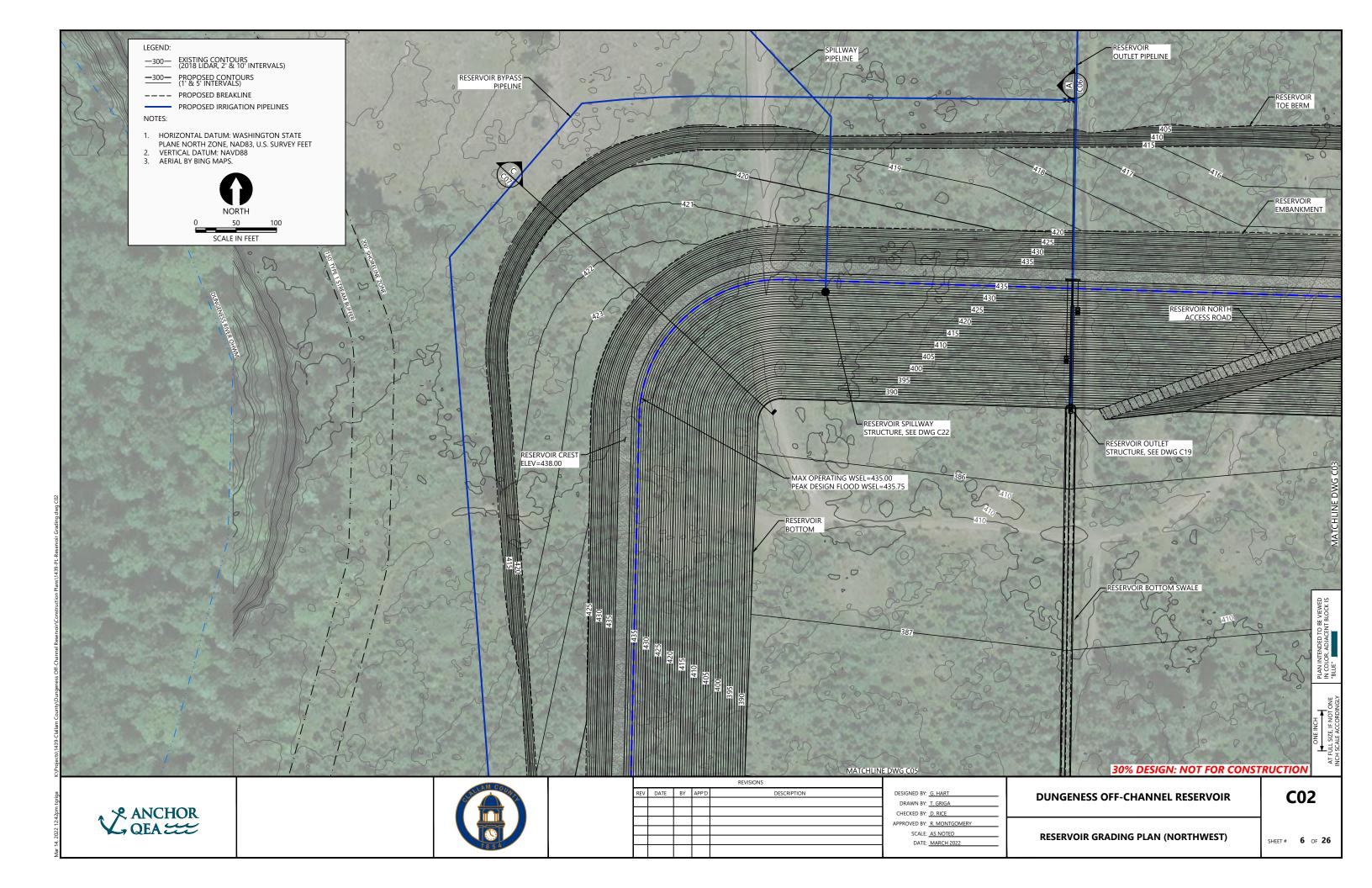
G02

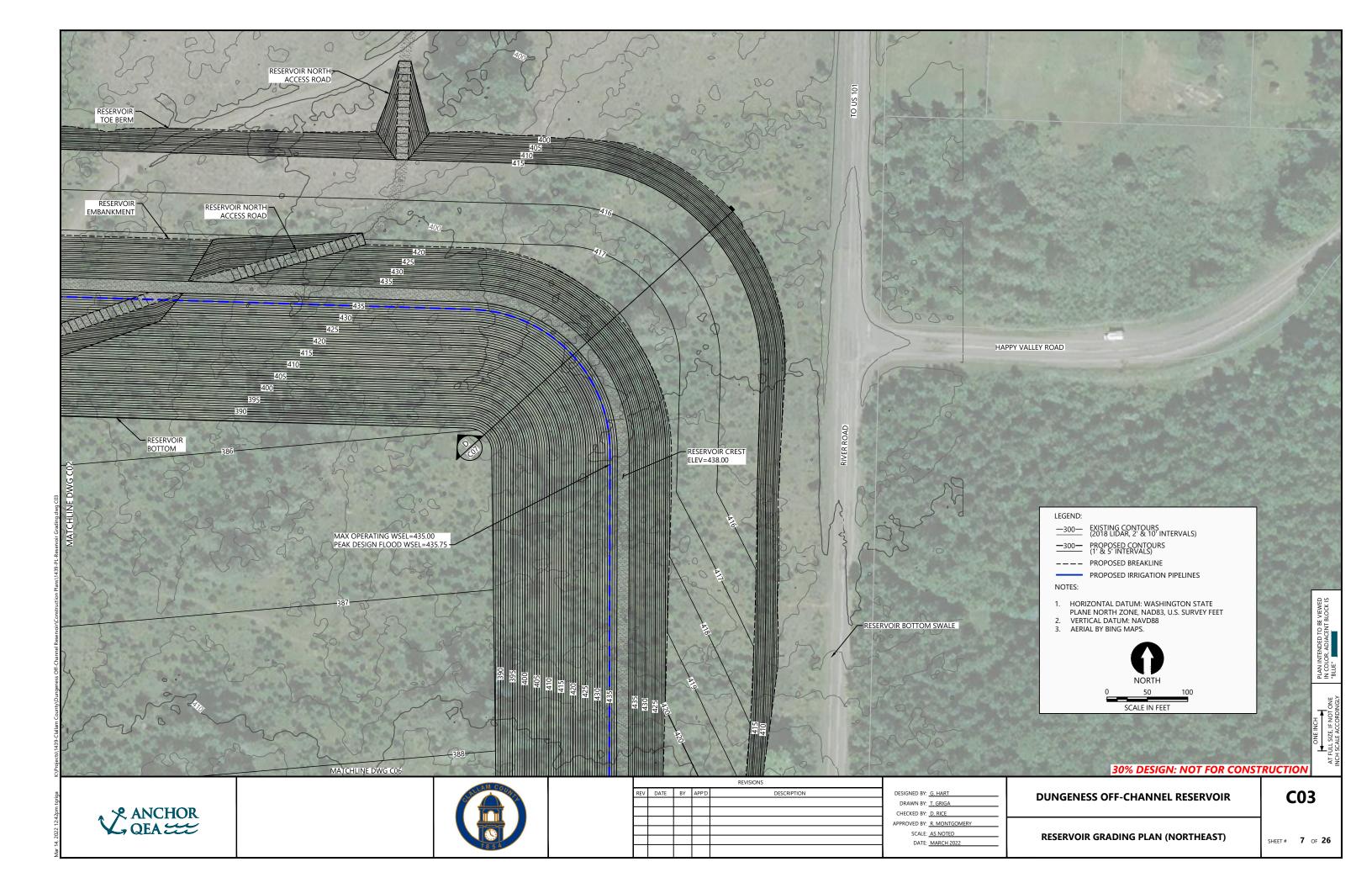
SHEET # 2 OF 26

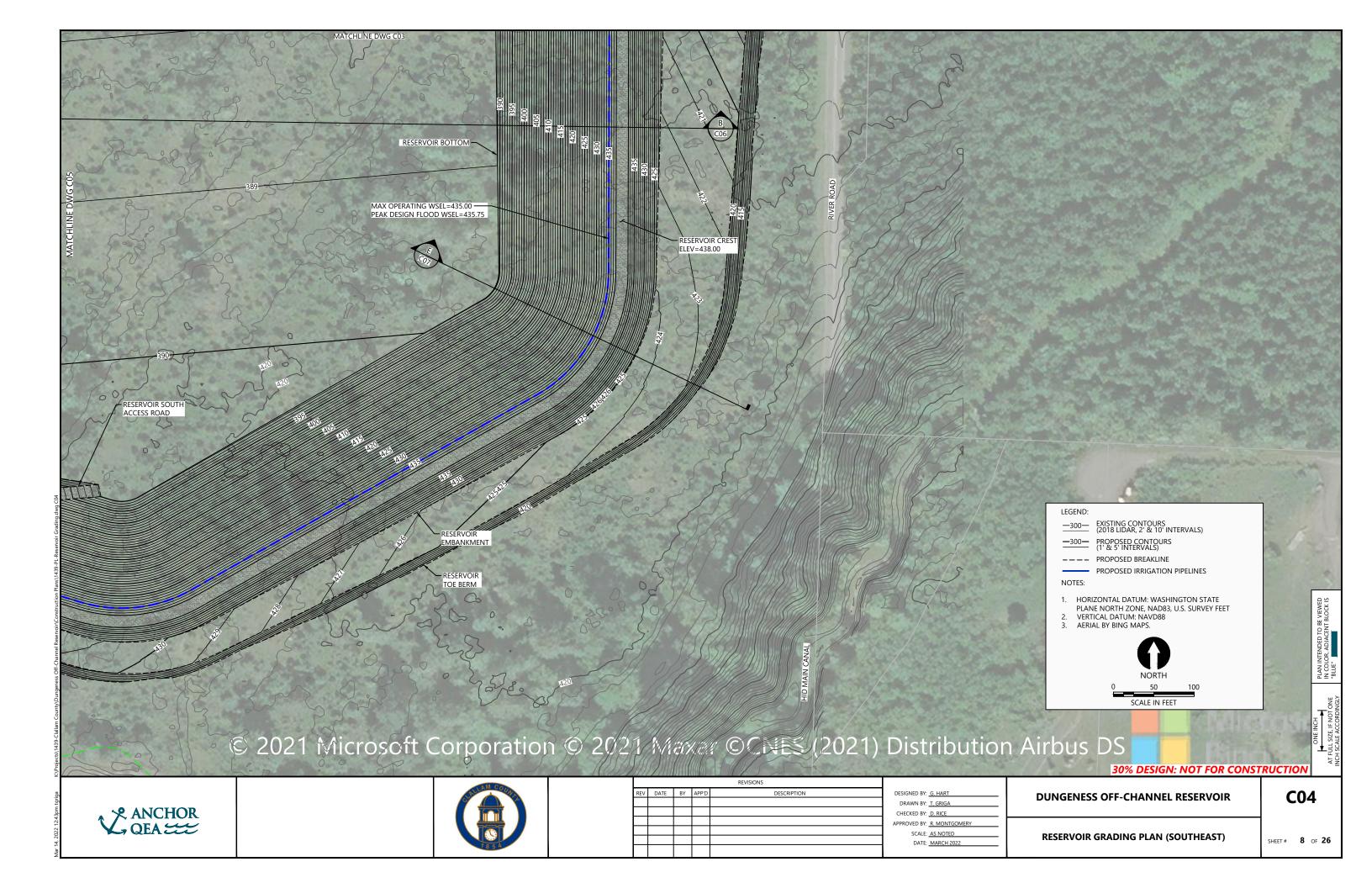


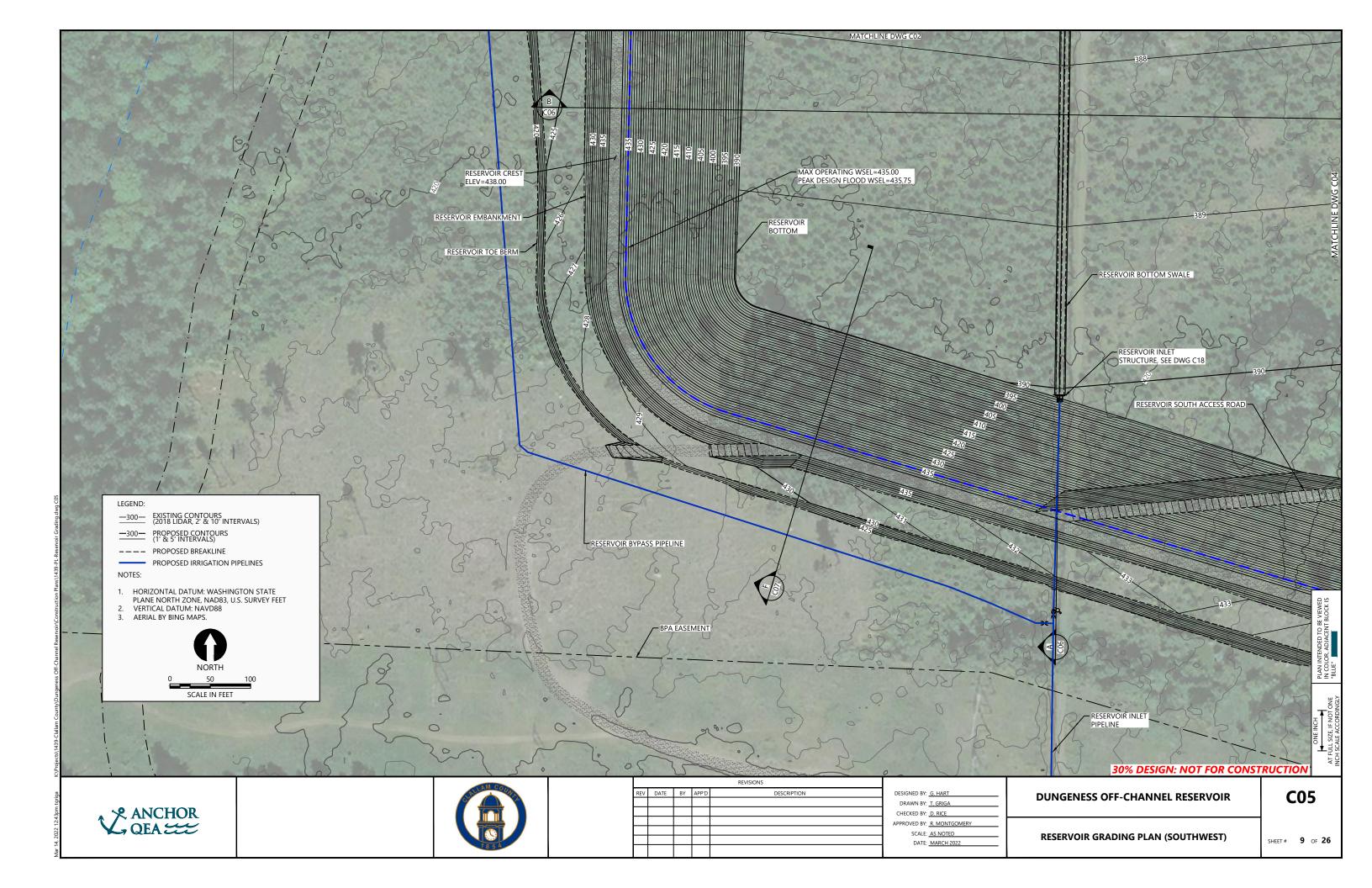


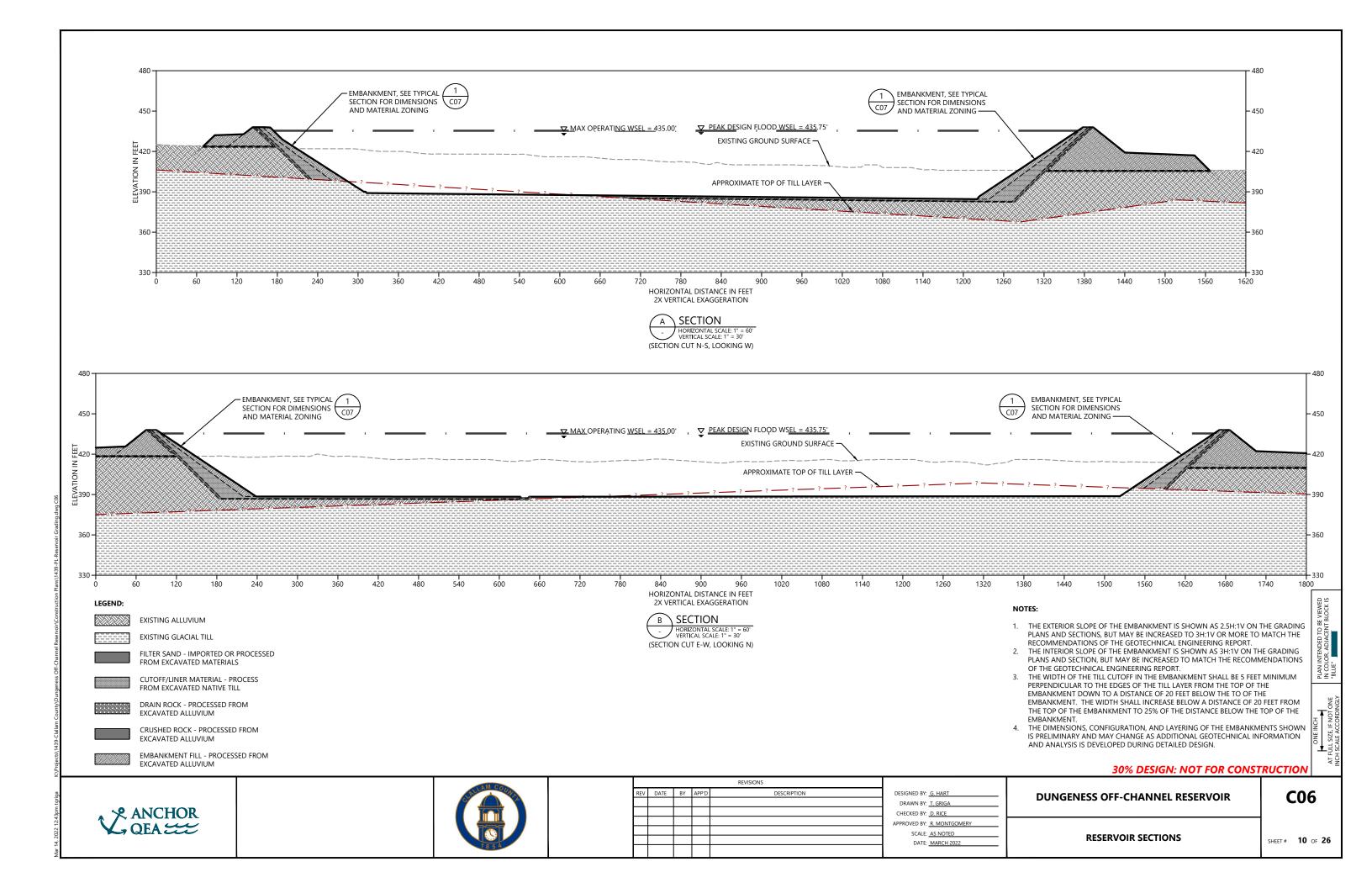


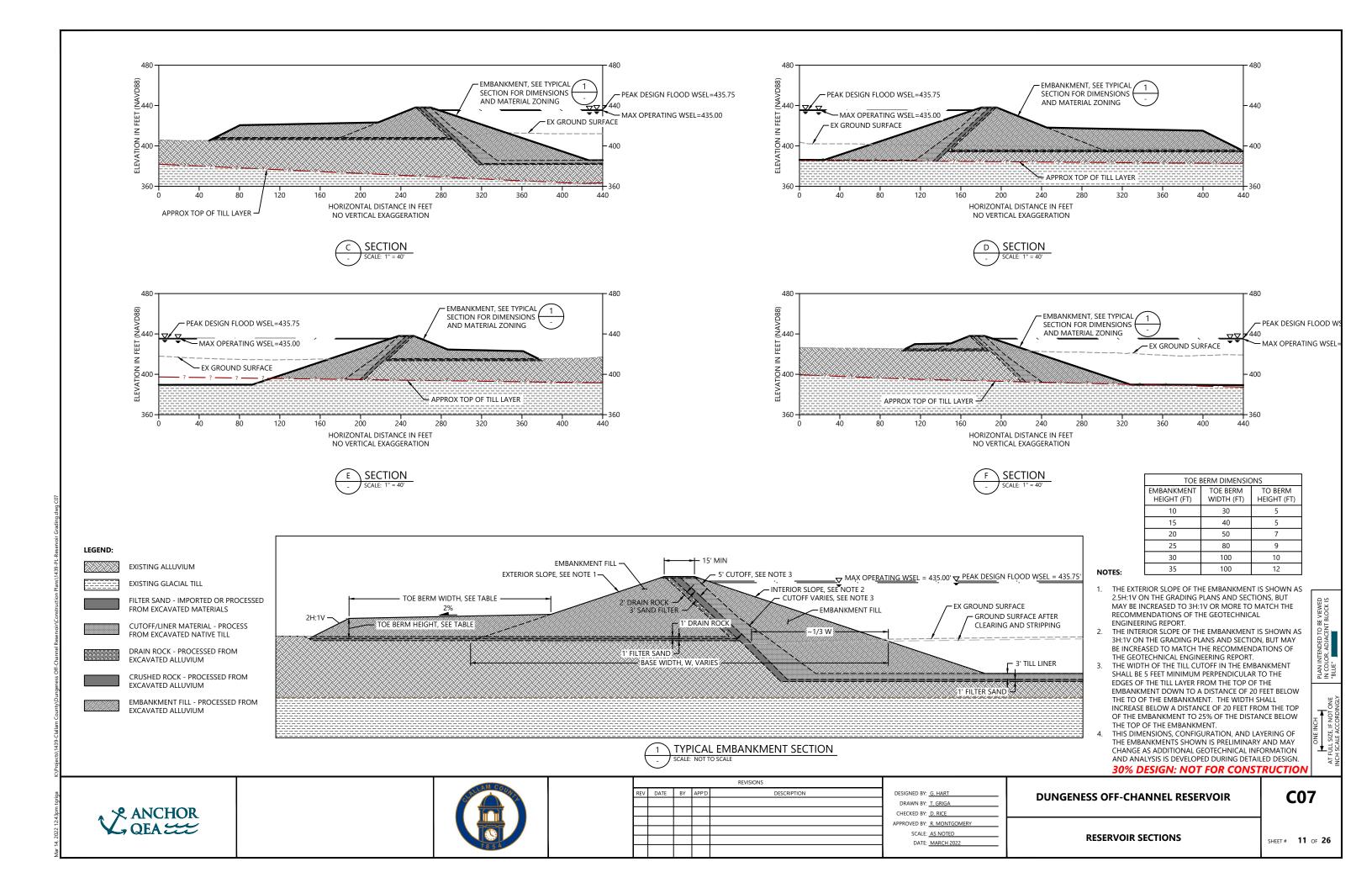


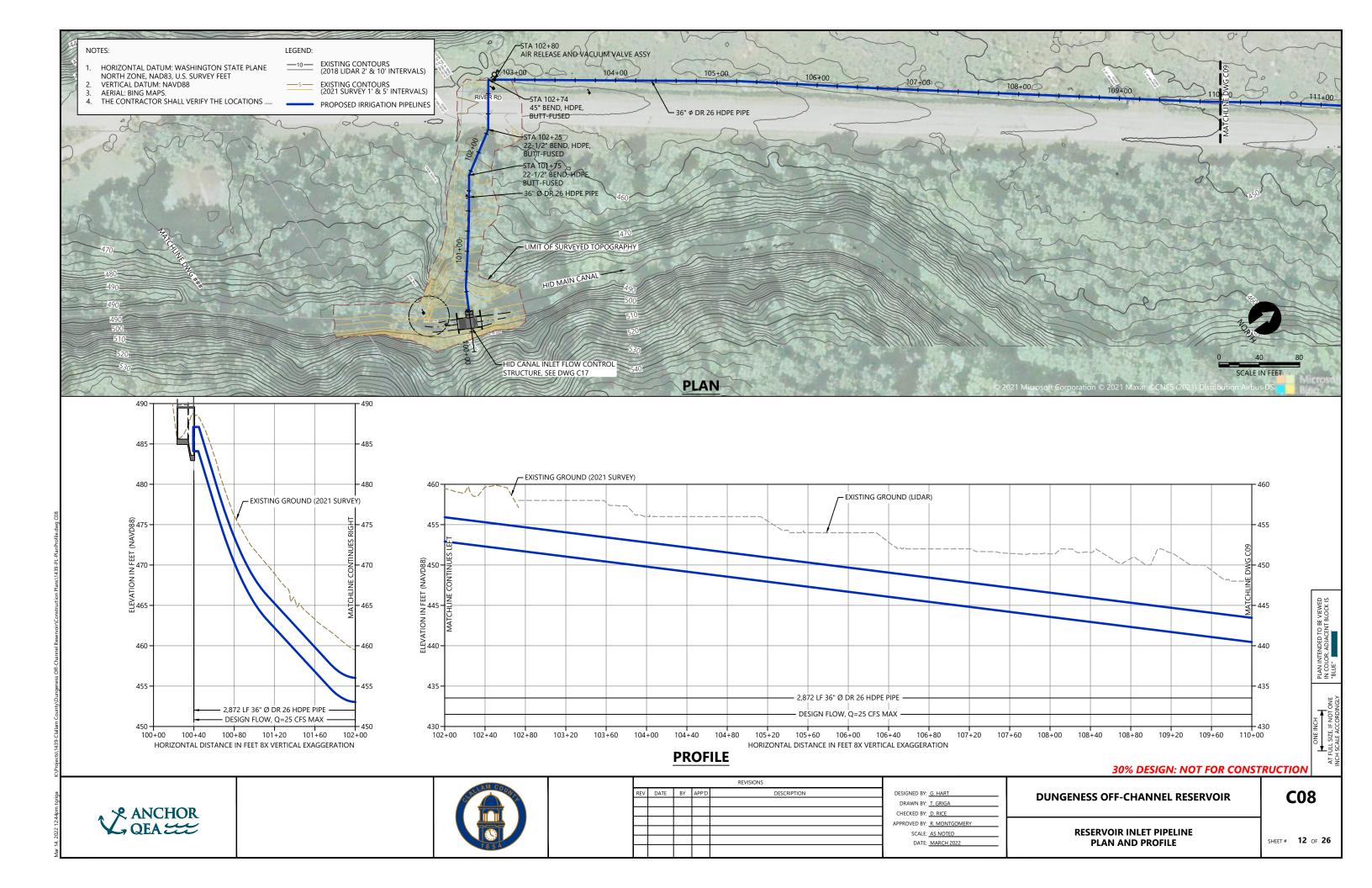


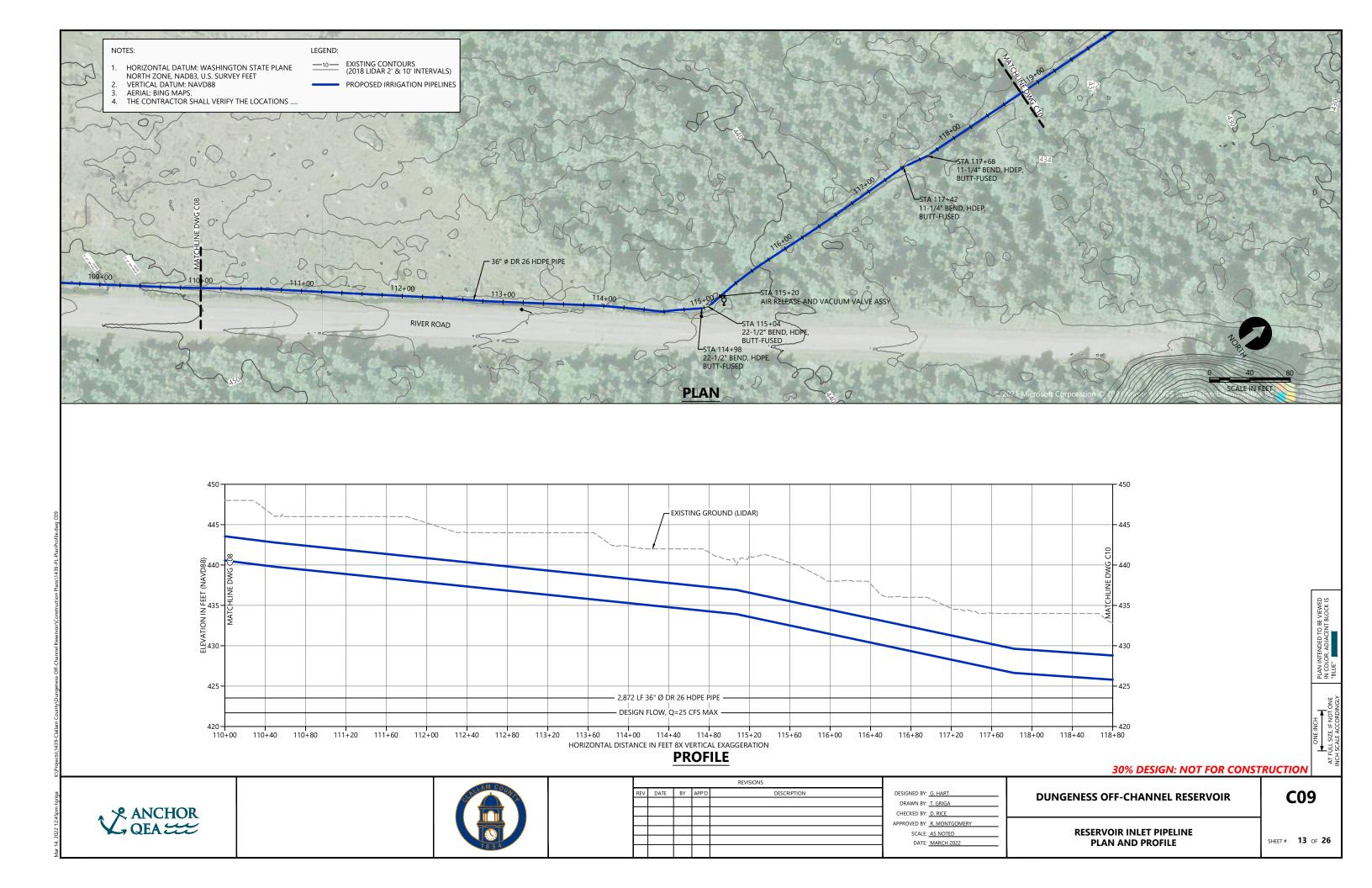


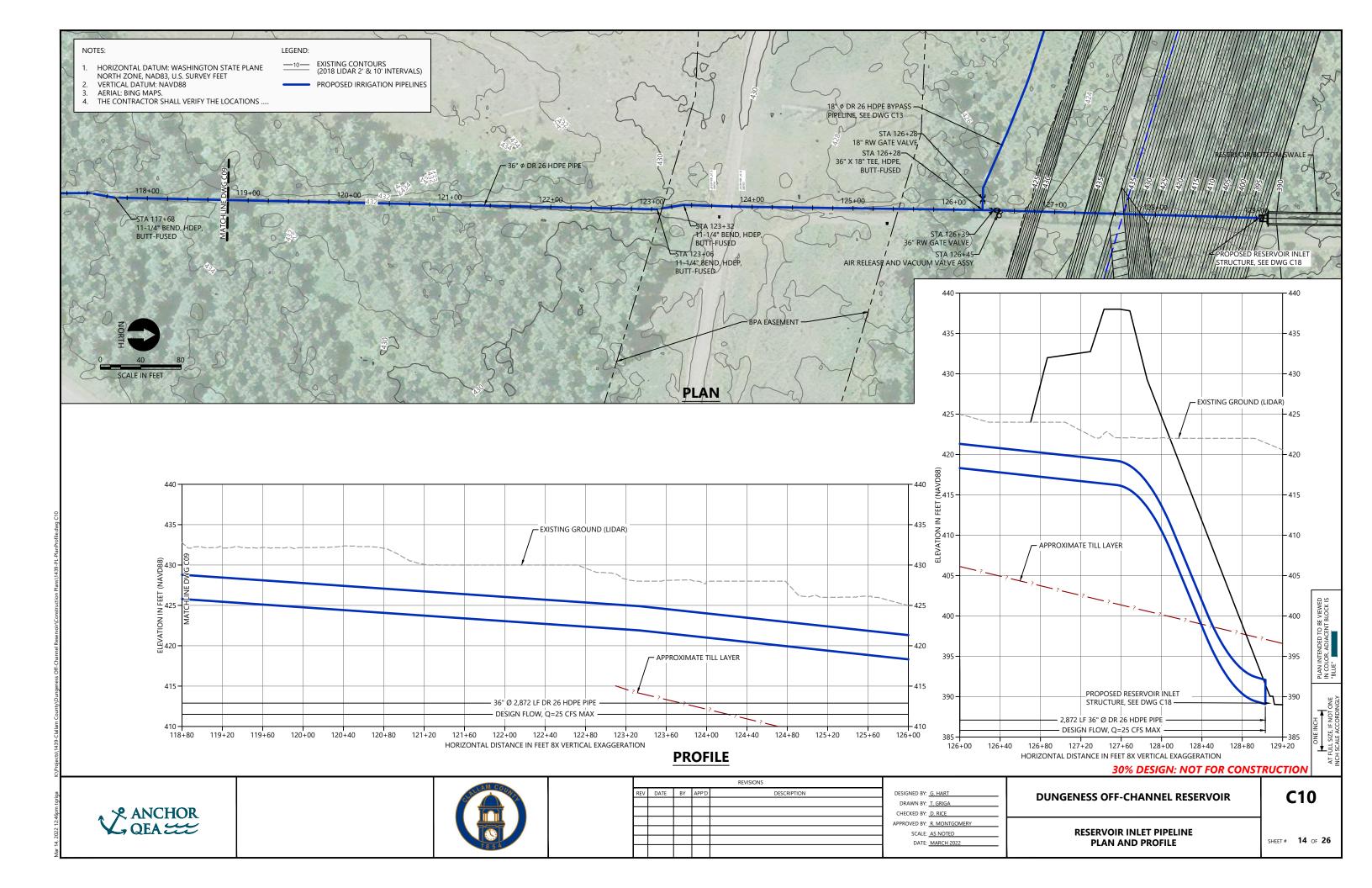


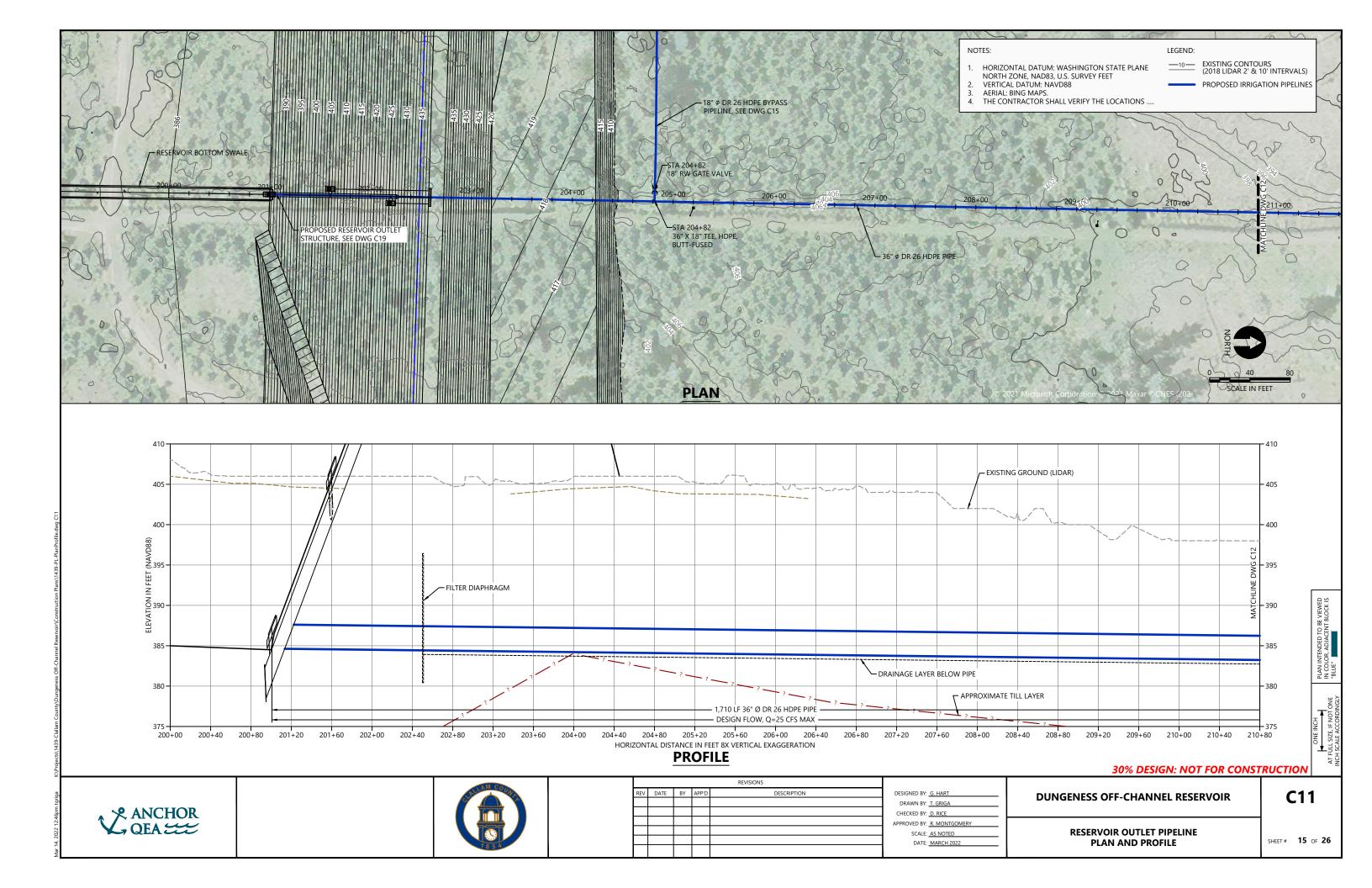


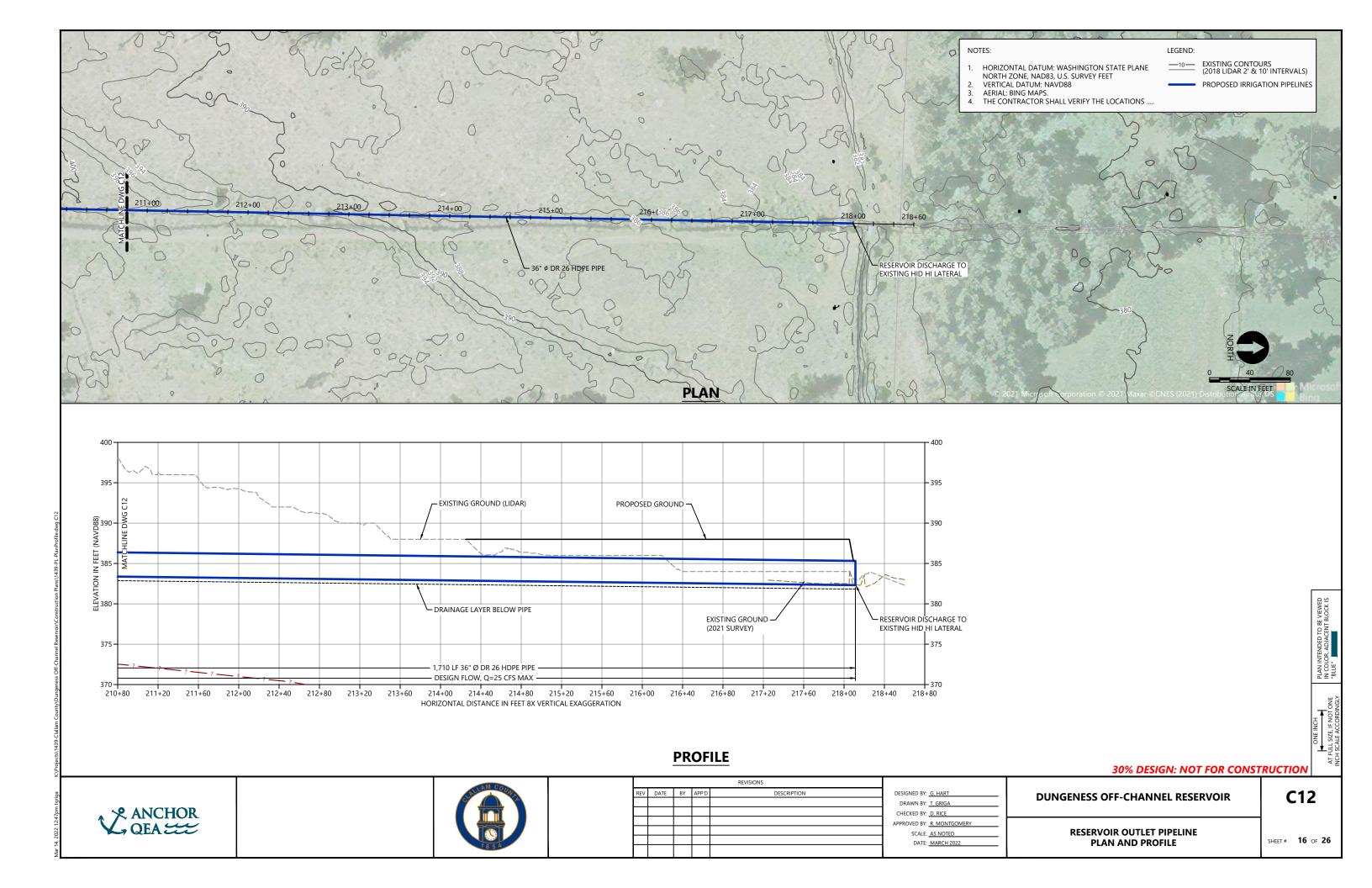


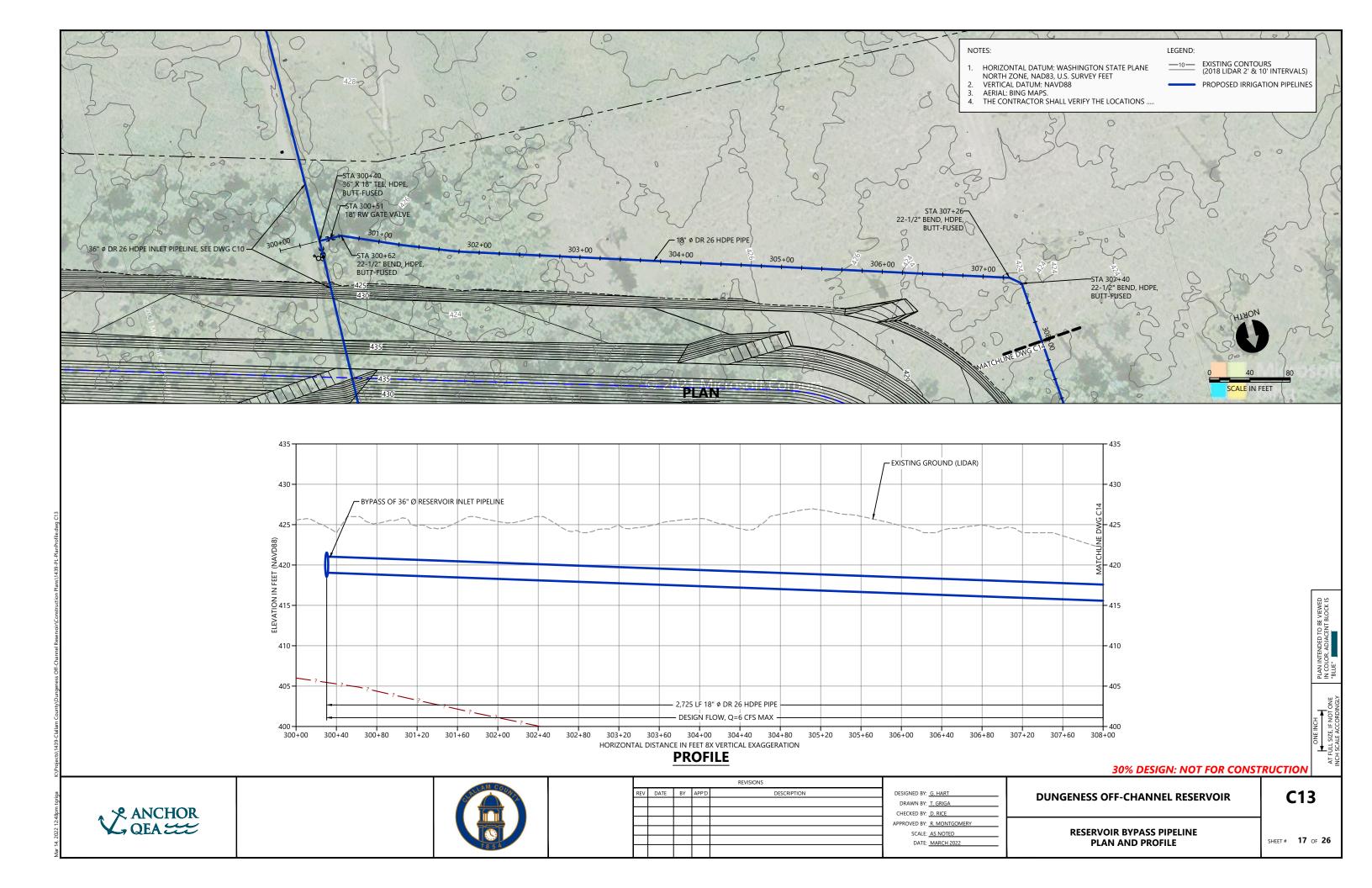


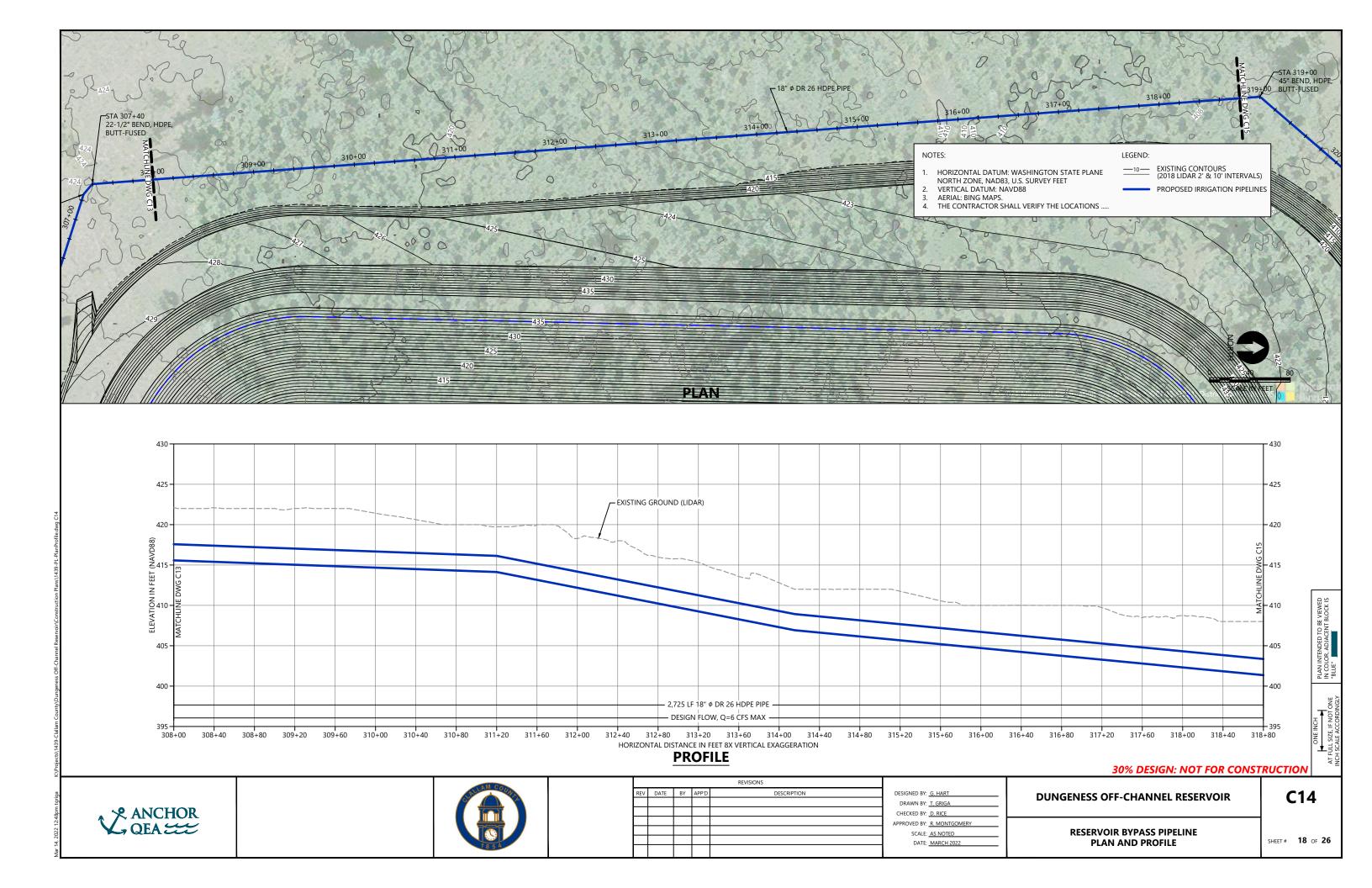


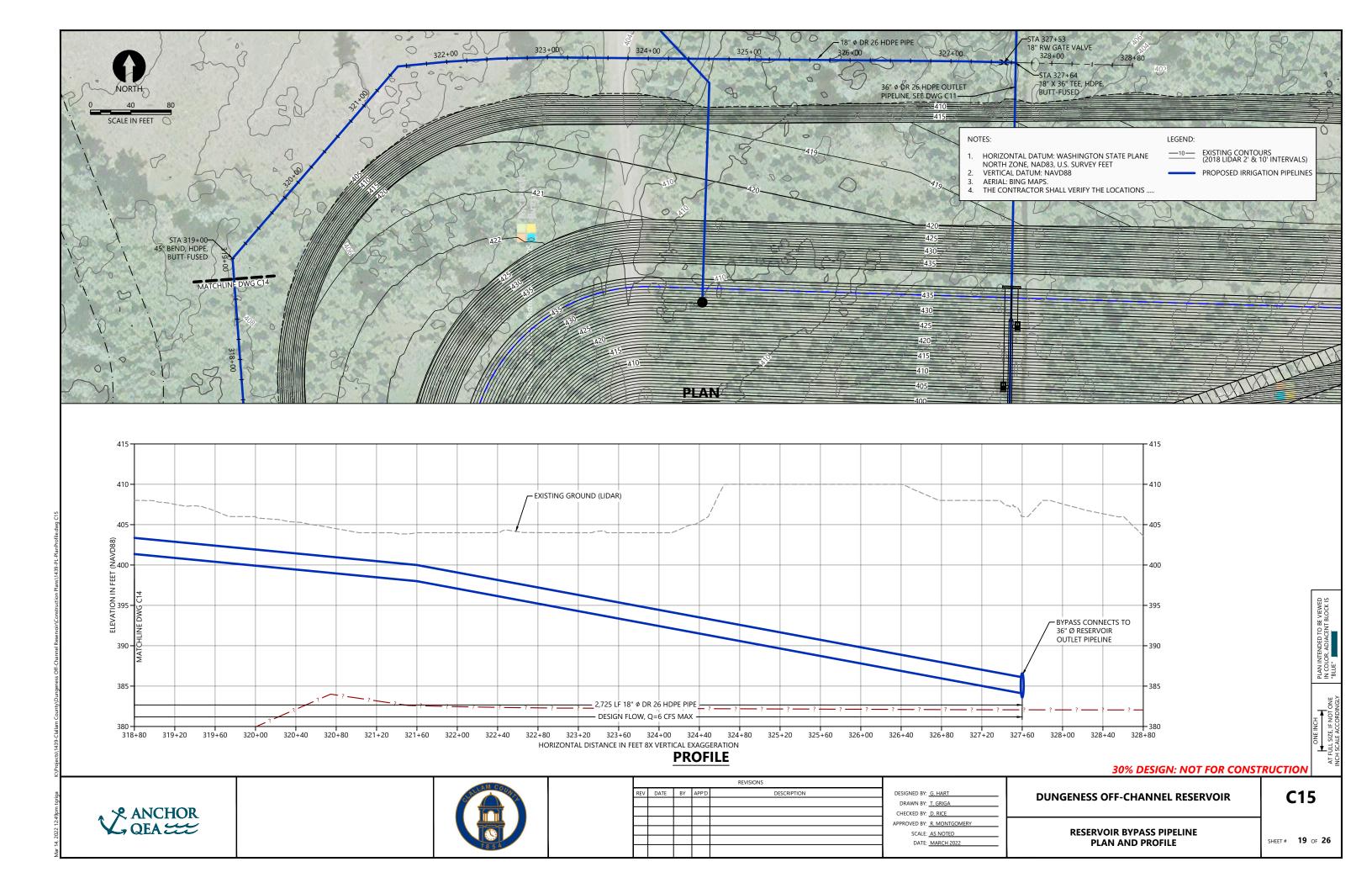


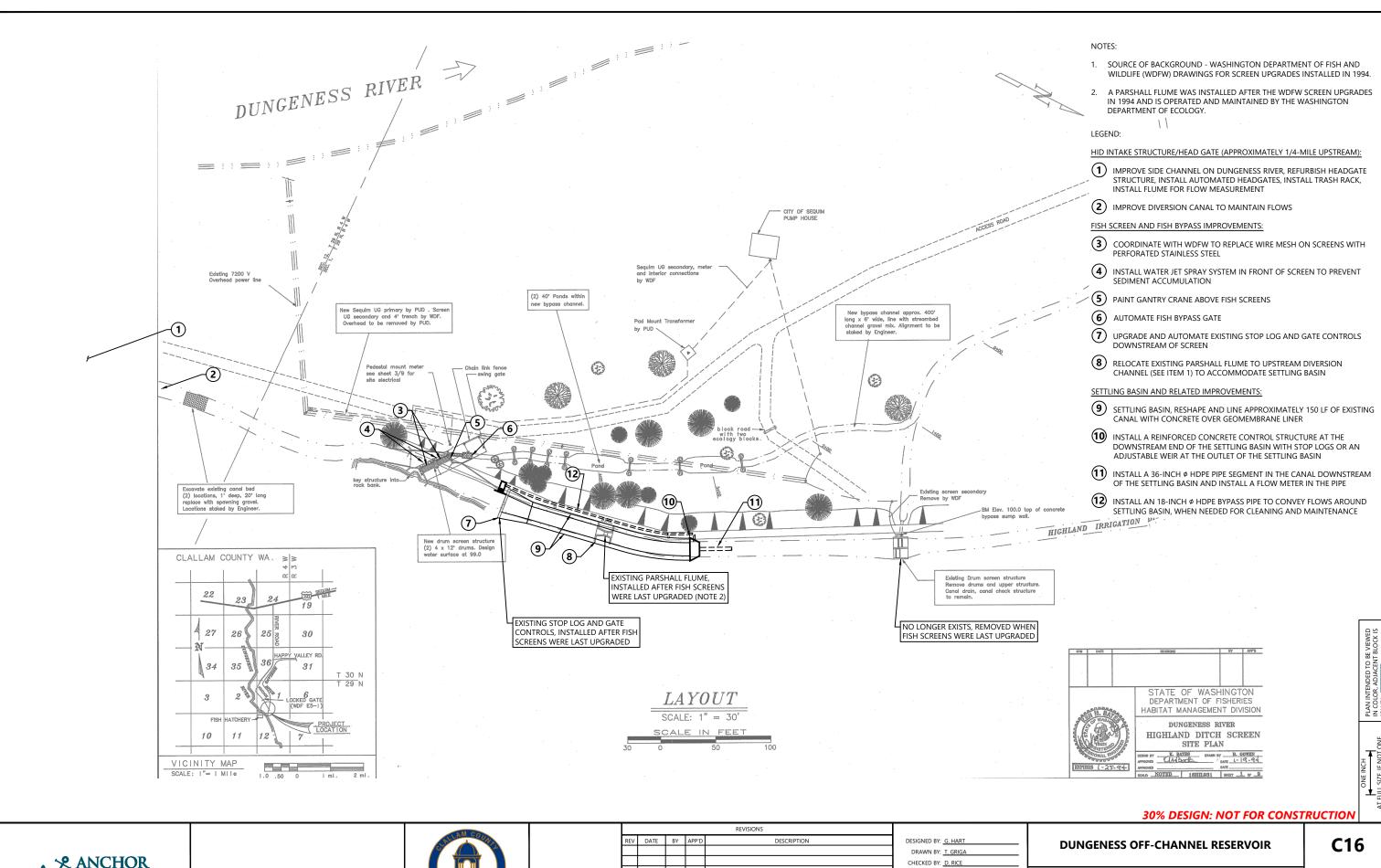












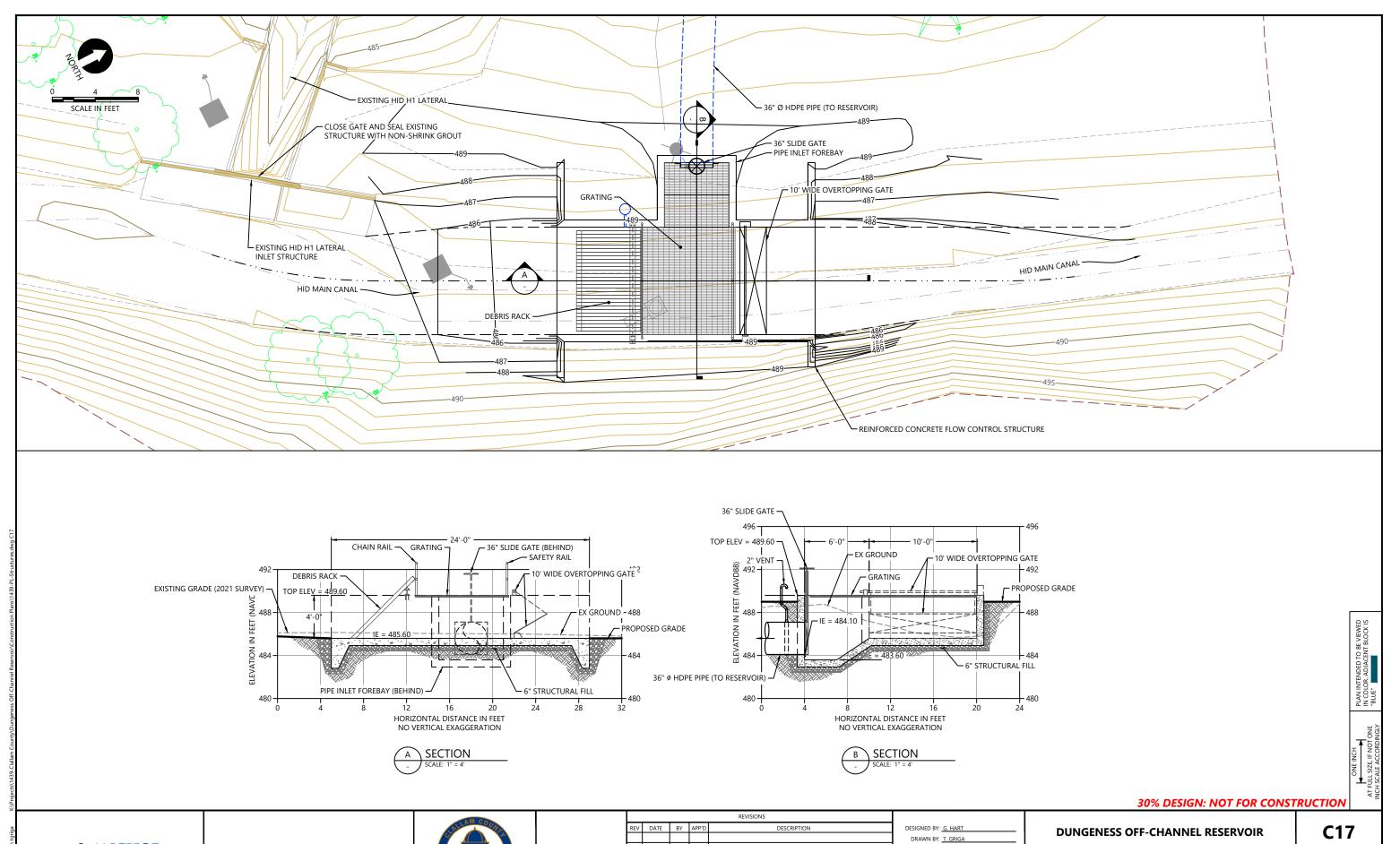
ANCHOR QEA



REV	DATE	BY	APP'D	DESCRIPTION	DESIGNED BY: G. HART
					DRAWN BY: T. GRIGA
					CHECKED BY: D. RICE
					APPROVED BY: R. MONTGOMERY
Ш					SCALE: AS NOTED
					DATE: MARCH 2022
					·

RESERVOIR INTAKE FACILITY UPGRADES

SHEET # 20 OF 26



CHECKED BY: D. RICE

APPROVED BY: R. MONTGOMERY

SCALE: AS NOTED

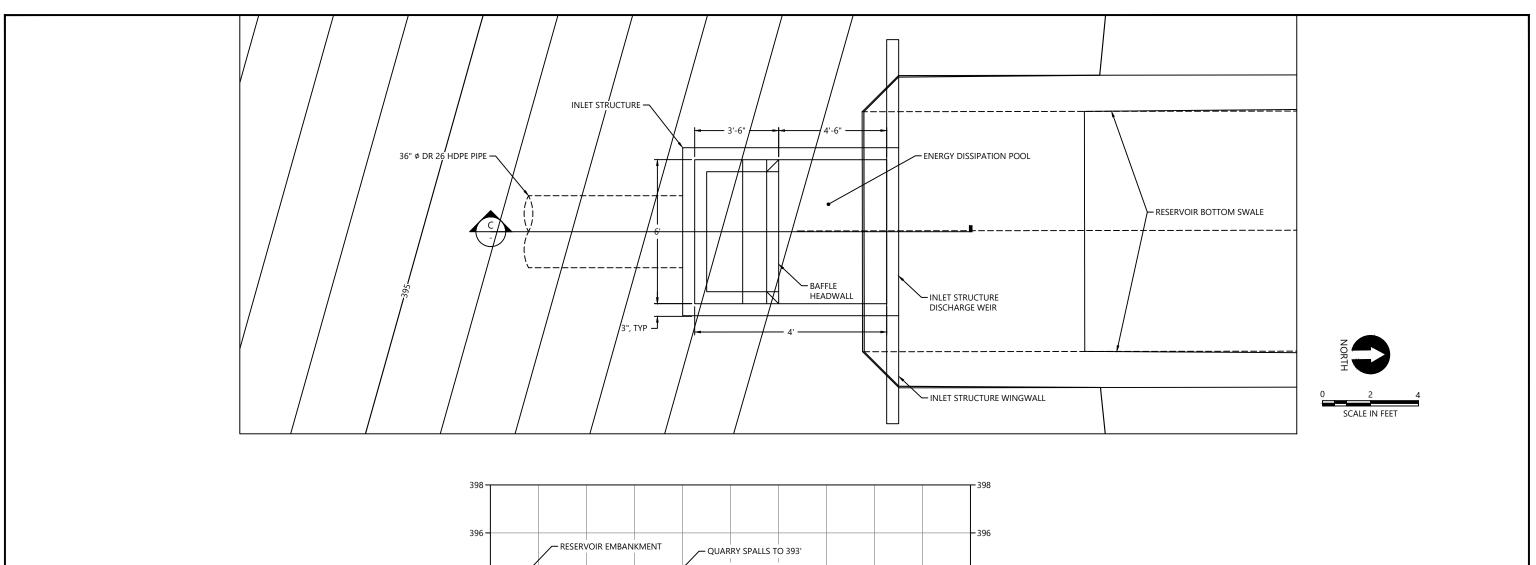
DATE: MARCH 2022

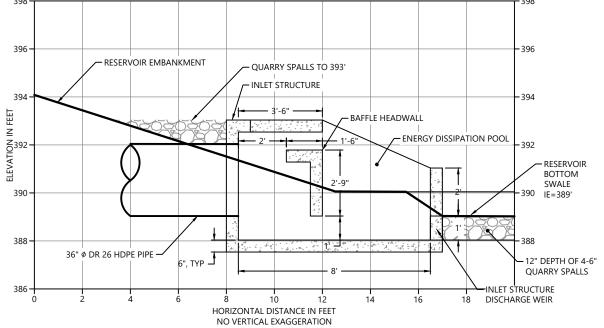
RESERVOIR INLET FLOW CONTROL

STRUCTURE PLAN AND SECTIONS

SHEET # 21 OF 26

Mar 14, 2022 12:50pm tgi







30% DESIGN: NOT FOR CONSTRUCTION

ANCHOR QEA



REVISIONS							
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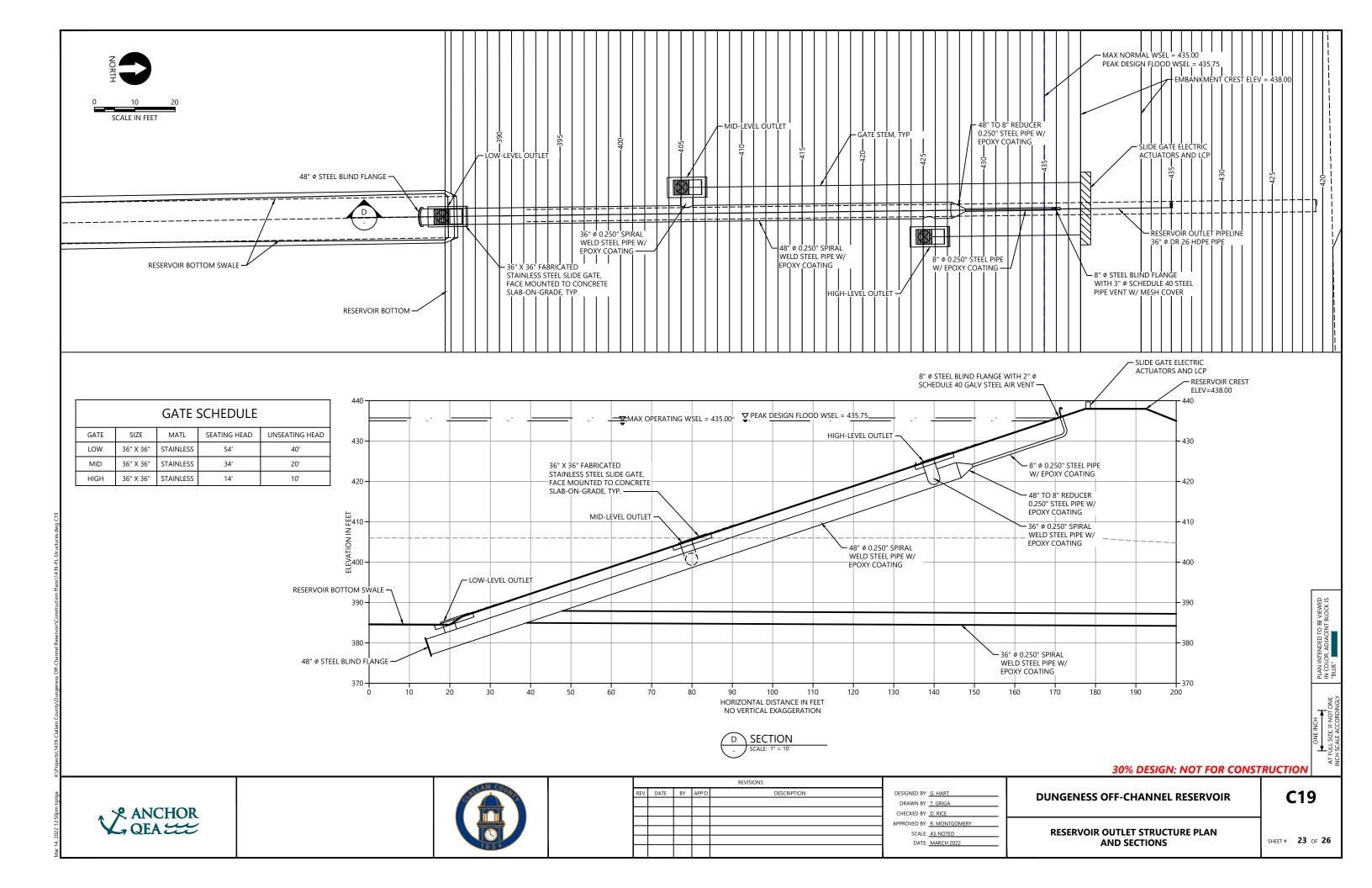
DESIGNED BY:	G. HART
DRAWN BY:	T. GRIGA
CHECKED BY:	D. RICE
APPROVED BY:	R. MONTGOMERY
SCALE:	AS NOTED
DATE:	MARCH 2022

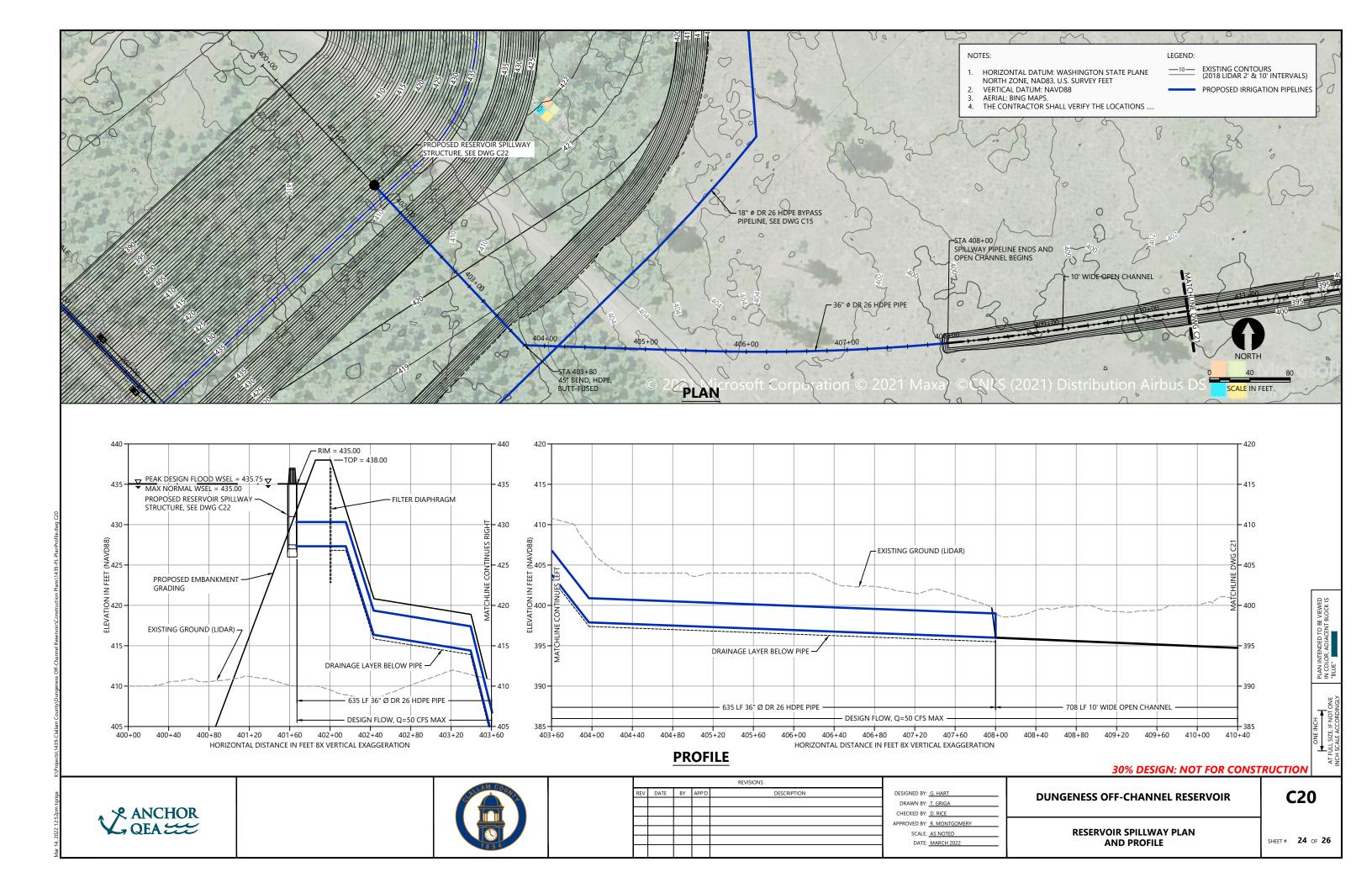
DUNGENESS OFF-CHANNEL RESERVOIR

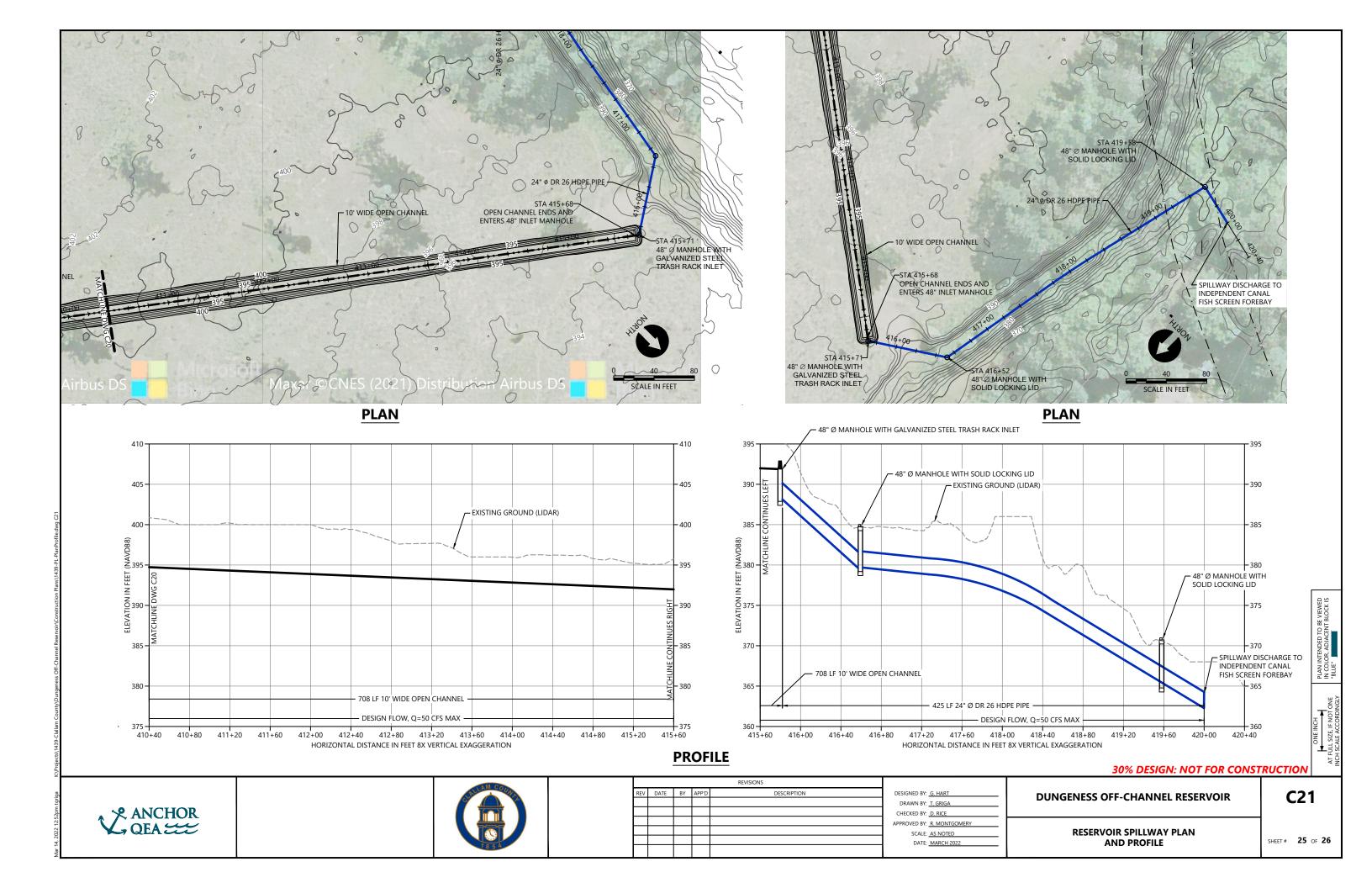
RESERVIOIR INLET STRUCTURE PLAN AND SECTIONS

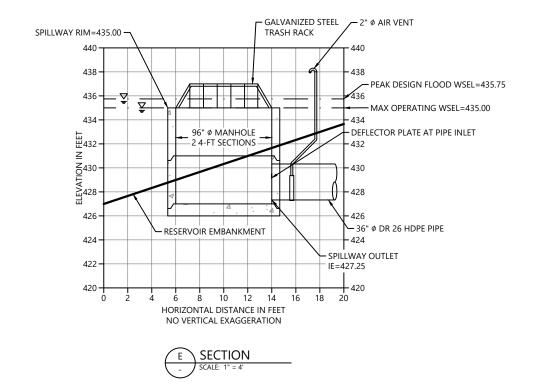
C18

SHEET # 22 OF 26









PLAN INTENDED TO BE VIEN IN COLOR, ADJACENT BLOC

30% DESIGN: NOT FOR CONSTRUCTION





REVISIONS								
REV	DATE	BY	APP'D	DESCRIPTION	DE			
					С			
					API			

DESIGNED BY: G. HART
DRAWN BY: T. GRIGA
CHECKED BY: D. RICE
APPROVED BY: R. MONTGOMERY

DUNGENESS OFF-CHANNEL RESERVOIR

SCALE: AS NOTED

DATE: MARCH 2022

RESERVOIR SPILLWAY STRUCTURE
PLAN AND SECTIONS

C22

UCTURE
SHEET # 26 OF 26