SECTION 14. BASIC STANDARDS SUBMISSIONS:

14.A Narrative

The proposed Project is located on a mountainside with varied slopes and terrain that consists primarily of forested areas ranging in slope from 10-45%. Aside from typical surface runoff, there are no known existing erosion problems at the proposed Project location. Protected natural resources and other environmentally sensitive areas have been identified and are discussed in detail in other sections of this application.

An Erosion and Sedimentation Control Plan (E&SC Plan), based on the Department's Maine Erosion and Sedimentation Control BMPs, will be provided to the Contractor and will include the location and design of temporary erosion control measures, such as perimeter controls and stabilization standards. For the Project, the E&SC Plan measures have been incorporated directly into the trail grading plans and civil sheets (see Appendix 14-1). Design and implementation of stormwater control features such as basins, soil filters and vegetated buffers will be shown on the plans as needed.

Ski trail construction represents a specialized type of earthwork that will be undertaken with significant oversight and participation by Sugarloaf staff. A typical method of earthwork on steep ski trail grades is via an excavator secured to a bulldozer winch cable. This method results in an maximized work area established by the length of the winch cable, which is generally no longer than 200 ft. This serves to limit extensive exposed soils on the trail and provides an opportunity to install permanent temporary stabilization and water bar diversion prior to the excavation team advancing down the mountain. Sheet CA-1.01 found appendix 14.1 was developed to support this approach.

14.B Implementation Schedule

The best method to limit erosion and sedimentation is to prevent it from occurring by protecting exposed soils or sensitive areas. The location of the limits of work and sensitive resource areas will be provided to the Contractor. Limits of work and resource areas will be clearly demarcated in the field and maintained and updated as necessary by the Project's Environmental Monitor.

The Project has been broken down into essentially three Phases for construction, though these phases may be multi-year construction efforts. Please see the Phasing Plan for visual representation of the Project phasing.

Following presumed Project approval in spring of 2022, the design team will prepare construction plans and bidding documents for the first phase of construction work. It is anticipated that bidding and contractor selection will occur summer into fall of 2022 in preparation of a late fall or winter construction start.

Fall/winter of 2022 is anticipated to consist of timber harvesting and clearing efforts for the phase one construction limits of disturbance, including select Phase 1 ski trails.

The 2023 construction season will kick-off the Phase 1 infrastructure including new lift, roads, stormwater BMPs, utilities, and condominium site work. It is anticipated that Phase 1 improvements will extend into and include the 2024 construction season.

Phase II and subsequent phases will be considered based on the timing of Phase 1 build out and pace of real estate sales, but is likely to start in 2025.

Within Phase 1 construction, clearing and soils disturbance will be limited to an area manageable by, and scaled to, the number of crews or amount of construction effort. Perimeter sediment controls will be installed prior to earthwork in a given area. Gravel, riprap, permanent erosion control blanket, and erosion control mix covered surfaces will be deemed stable, signaling the ability for initial clearing of additional areas. Binder pavement, where paving is specified, will generally lag behind completion of gravel surfaces for one year, allowing time for settlement and construction maturation. Surface paving will be further delayed until risk of damage from construction activity is reduced.

14.C Erosion and Sedimentation Control Plan

The goal of the E&SC Plan is to provide contractors, environmental monitors, and agency personnel with a single, cohesive set of erosion control specifications for the Project. The Plan is designed to provide specifications for the installation and implementation of soil erosion and

sedimentation control measures while allowing adequate flexibility of the application of the most appropriate measures based on site-specific conditions. During construction and continuing until all disturbed areas are properly restored and stabilized after construction, the contractor(s) will adhere to the details and specifications contained in the E&SC Plan. Drainage devices, site access and erosion control features are anticipated to be inspected weekly during construction, as well as promptly after each period of significant rain or snow runoff, and any damage to erosion controls will be repaired. Accumulated silt, broken branches and other debris which interferes with drainage or sediment collection will be removed. Sugarloaf personnel or their designated representatives will ensure that the procedures are followed by regularly inspecting all work and prescribing corrective steps to be taken where necessary.

Typical erosion control measures established by the E&SC Plan consists of a variety of nonstructural measures including temporary mulching and seeding; permanent mulching and seeding; dormant seeding and winter mulching; temporary check dams (haybale and stone); silt fence, and hay bale or erosion control mix erosion control barriers to be utilized as appropriate.

14.D Details and Specifications

Detailed drawings showing the plan view of the facility with proposed component locations, including location, function, and ground area of the Project, as well as landowner and political boundaries will be provided to the Contractor.

Construction of the proposed Project will require site grading and excavating. A comprehensive set of erosion and sediment control measure specifications will be included in the E&SC Plan, though it is unlikely that every measure will be implemented for the Project. Having specifications for multiple erosion control measures will allow the contractors and environmental monitor to select the most effective approaches for the site and conditions at the time of construction. No more than 10 acres will be disturbed at any one time without temporary stabilization measures in place.

14.E Design Calculations

The design of the erosion and sedimentation control measures will be based on the MDEP's Maine Erosion and Sedimentation Control BMPs. Sediment trap sizing requirements for ski trail work are included on sheet CA-1.01.

14.F Stabilization Plan

Requirements for soil stabilization are included with the E&SC Plans. Typically, loaming, seeding, and mulching is performed after the completion of construction activities to promote ground cover and erosion control. Loaming, seeding, and mulching shall be done in accordance with the Project E&SC Plan.

14.G Winter Construction Plan

Construction activities conducted between October 15 and April 15 will follow the procedures included in the Project E&SC Plan and BMPs. Construction activities were designed to follow the erosion and sedimentation control BMPs that were developed by the MDEP for winter construction, as applicable (Maine Erosion and Sediment Control Best Management Practices, Manual for Designers and Engineers, October 2016). More frequent, heavier application of temporary mulch, increased dormant seeding rates, the substitution or additional use of erosion control mix berms as erosion control barriers, and other supplemental erosion controls will be used as required. Prior to winter shut down, Sugarloaf will ensure that all soils are properly stabilized and that slopes are adequately protected to prevent erosion during winter storms and spring thaw. This may include the application of erosion control mix on exposed soils located within a slope in place of straw or hay mulch.

APPENDIX 14-1

EROSION & SEDIMENTATION CONTROL PLAN

·	Prop.		Exist.	Prop.	
		PROPERTY LINE	$ \begin{array}{c} & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & $	an a	CONCRETE
		PROJECT LIMIT LINE			HEAVY DUTY PAVEMENT
		RIGHT-OF-WAY/PROPERTY LINE			BUILDINGS
		EASEMENT			RIPRAP
		BUILDING SETBACK			CONSTRUCTION EXIT
10+00	10+00	PARKING SETBACK	27.35 TC×	27.35 TC×	TOP OF CURB ELEVATION
		BASELINE	26.85 BC×	26.85 BC×	BOTTOM OF CURB ELEVATION
-		CONSTRUCTION LAYOUT	132.75 ×	132.75 ×	SPOT ELEVATION
		ZONING LINE	45.0 TW 38.5 BW	45.0 TW 38.5 BW	TOP & BOTTOM OF WALL ELEVATIO
		TOWN LINE		JO.J BW	BORING LOCATION
		LIMIT OF DISTURBANCE			TEST PIT LOCATION
· <u>\</u>		WETLAND LINE WITH FLAG	₩ W	\ominus MW	MONITORING WELL
		FLOODPLAIN			
BLSF		BORDERING LAND SUBJECT	UD 12"D	UD 12″D►	UNDERDRAIN
		TO FLOODING		6″RD→	DRAIN
BZ-		WETLAND BUFFER ZONE		12"S	
NDZ		NO DISTURB ZONE	FM	<u>FM</u>	SEWER
200′RA		200' RIVERFRONT AREA			
		GRAVEL ROAD	OHW 6"W		
EOP	EOP	EDGE OF PAVEMENT	6~W 4"FP	6"W 4"FP	
BB	BB	BITUMINOUS BERM	-4 FP		FIRE PROTECTION
BC	BC	BITUMINOUS CURB	3"G	G	DOMESTIC WATER GAS
CC	CC	CONCRETE CURB	Ę	Е	GAS
·	CG	CURB AND GUTTER	STM	STM	STEAM
CC	ECC	EXTRUDED CONCRETE CURB	T	T	TELEPHONE
<u>_</u>	MCC	MONOLITHIC CONCRETE CURB	FA	FA	FIRE ALARM
CC	PCC	PRECAST CONC. CURB	CATV	CATV	CABLE TV
SGE	SGE	SLOPED GRAN. EDGING	pppe		
VGC	VGC	VERT. GRAN. CURB			
-		LIMIT OF CURB TYPE			
		SAWCUT			
Ľ.					
		BUILDING	D		GUTTER INLET
		BUILDING ENTRANCE	D		DRAIN MANHOLE CONCENTRIC
		LOADING DOCK	=D=		DRAIN MANHOLE ECCENTRIC
٠	•	BOLLARD	— ID— E	Ľ	PLUG OR CAP
D	D	DUMPSTER PAD	CO	co	CLEANOUT
-0-	Ŧ	SIGN	•	→	FLARED END SECTION
<u>_0_</u>	æ	DOUBLE SIGN		• \ /	HEADWALL
TT ~	T	STEEL GUARDRAIL		\sim	
<u> </u>	T	STEEL GUARDRAIL	S	\bigcirc	SEWER MANHOLE CONCENTRIC
<u> </u>			<u> </u>		SEWER MANHOLE ECCENTRIC
<u>.</u>		PATH	CS ©	CS (●	CURB STOP & BOX
\sim	\sim	TREE LINE	ŴV	WV (WATER VALVE & BOX
· · · · ·	× ×	WIRE FENCE	TSV	TSV	TAPPING SLEEVE, VALVE & BOX
0	••	FENCE	** LIVD		FIRE DEPARTMENT CONNECTION
	• •	STOCKADE FENCE	HYD ©	HYD O	FIRE HYDRANT
		STONE WALL	WM DIV	WM C	WATER METER
AA		RETAINING WALL	PIV	PIV	POST INDICATOR VALVE
· · · · •		STREAM / POND / WATER COURSE	\bigcirc	\bigcirc	WATER WELL
		DETENTION BASIN	GG	CG O	GAS GATE
· · ·	· · · · · · · · · · · · ·	HAY BALES	GM ⊡	GM ⊡	GAS METER
	××	SILT FENCE	E	EMH	
		SILT SOCK / STRAW WATTLE	EM	EM	
-xx	c:::::x:::::>·		- •		
-xx	4 <u> </u>				
-xx	4	MINOR CONTOUR MAJOR CONTOUR	¢	ф тмц	LIGHT POLE
-xx 4 20	4 20	MAJOR CONTOUR	¢ ①	≉ ● ^{™H}	LIGHT POLE TELEPHONE MANHOLE
-x-xx	4 20 	MAJOR CONTOUR PARKING COUNT		★ ● ^{™H} ⊤	
-x x x	4	MAJOR CONTOUR	Ū	•	TELEPHONE MANHOLE
-xx 4 20	4 20 (10) (C10) DYL	MAJOR CONTOUR PARKING COUNT	T	•	TELEPHONE MANHOLE TRANSFORMER PAD UTILITY POLE
-x x x	4	MAJOR CONTOUR PARKING COUNT COMPACT PARKING STALLS	 	● 〒 ←	TELEPHONE MANHOLE TRANSFORMER PAD UTILITY POLE GUY POLE
-× × - × -	4 20 (10) (C10) DYL	MAJOR CONTOUR PARKING COUNT COMPACT PARKING STALLS DOUBLE YELLOW LINE	 	• • •	TELEPHONE MANHOLE TRANSFORMER PAD UTILITY POLE GUY POLE GUY WIRE & ANCHOR
-× × - × -	4	MAJOR CONTOUR PARKING COUNT COMPACT PARKING STALLS DOUBLE YELLOW LINE STOP LINE	 ↓ HH	● 〒 ← ↓ Ⅲ	TELEPHONE MANHOLE TRANSFORMER PAD UTILITY POLE GUY POLE

EMENT XIT

B ELEVATION OF WALL ELEVATION

CONCENTRIC

Abbreviations

ACR

ADJ

BWLL

EX

FFF

LA

LOD

MIN

NIC

REM

General ABAN ABANDON ACCESSIBLE CURB RAMP ADJUST APPROXIMATE APPROX BITUMINOUS BOTTOM OF SLOPE BROKEN WHITE LANE LINE CONC CONCRETE DOUBLE YELLOW CENTER LINE DYCL ELEVATION ELEVATION ELEV EXISTING FOUNDATION FDN FIRST FLOOR ELEVATION GRAN GRANITE GRADE TO DRAIN GTD LANDSCAPE AREA LIMIT OF DISTURBANCE MAXIMUM MAX MINIMUM NOT IN CONTRACT NOT TO SCALE NTS PERFORATED PERF PROP PROPOSED REMOVE RET RETAIN R&D REMOVE AND DISPOSE R&R REMOVE AND RESET SOLID WHITE EDGE LINE SWEL SWLL SOLID WHITE LANE LINE TOP OF SLOPE TYPICAL

Utility

TYP

CB

CO

DCB

DMH

CIP

DIP

FES

FM

F&G

F&C

GT

HDPE

HH

HW

HYD

MES

PWW

PVC

RCP

R=

RIM=

۲МЭ

TSV

UG

UP

PIV

INV

CMP

CATCH BASIN CORRUGATED METAL PIPE CLEANOUT DOUBLE CATCH BASIN DRAIN MANHOLE CAST IRON PIPE COND CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALI HYDRANT INVERT ELEVATION INVERT ELEVATION LIGHT POLE METAL END SECTION POST INDICATOR VALVE PAVED WATER WAY POLYVINYLCHLORIDE PIPE REINFORCED CONCRETE PIPE **RIM ELEVATION RIM ELEVATION** SEWER MANHOLE TAPPING SLEEVE, VALVE AND BOX UNDERGROUND

UTILITY POLE

Notes

General

- SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- 3. ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
- 4. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE [##] INCHES LOAM AND SEED.
- 5. WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS. 6. WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS.
- WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES. 7. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT
- APPROPRIATE PERMITS.
- TRAFFIC CONTROL DEVICES.
- 9. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 10. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- 11. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
- 12. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- 13. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
- 14. THIS PROJECTY IS SUBJECT TO A PERMIT FROM MAINE DEP. THE CONTRACTOR SHALL READ, BE FAMILIAR WITH, AND SHALL FOLLOW THE MAINE EROSION AND SEDIMENT CONTROL BMPs MANUAL (LATEST EDITION); AND SHALL BE ACCOUNTABLE TO THE THIRD PARTY INSPECTOR FOR THE PROJECT AND THE MAINE DEP IN ACCORDANCE WITH MAINE DEP REGULATIONS.

Utilities

- 1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
- 2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
- 3. SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
- 4. RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
 - A. PAVEMENTS AND CONCRETE SURFACES: FLUSH
- 5. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
- 6. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
- 7. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
 - A. WATER PIPES SHALL BE [TYPE(S)]
 - C. STORM DRAINAGE PIPES SHALL BE DUAL WALL CORRUGATED HDPE UNLESS OTHERWISE NOTED ON PLANS
 - D. PIPE INSTALLATION AND MATERIALS SHALL COMPLY WITH THE STATE PLUMBING CODE WHERE APPLICABLE. CONTRACTOR SHALL COORDINATE WITH LOCAL PLUMBING INSPECTOR PRIOR TO BEGINNING WORK.
- 8. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.
- 9. CONTRACTOR SHALL EXCAVATE AND BACKFILL TRENCHES FOR GAS IN ACCORDANCE WITH GAS COMPANY'S REQUIREMENTS.
- 10. ALL DRAINAGE AND SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN.) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS AND LOCAL MUNICIPAL STANDARDS. FOR MANHOLES THAT ARE 20 FEET IN DEPTH AND GREATER, THE MINIMUM DIAMETER SHALL BE 5 FEET.

1. CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING. 2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES

8. TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM

- B. ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
- C. LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
- B. SANITARY SEWER PIPES SHALL BE SDR35 POLYVINYL CHLORIDE (PVC) SEWER PIPE

Layout and Materials

- 1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
- 2. CURB RADII ARE [##] FEET UNLESS OTHERWISE NOTED.
- 3. CURBING SHALL BE [TYPE] WITHIN THE SITE UNLESS OTHERWISE INDICATED ON THE PLANS. 4. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO
- THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING
- CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LAND SURVEYOR.
- 6. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.

Demolition

- CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.
- EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
- 3. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
- 4 THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
- UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS

Erosion Control

- 1. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM) OR AS REQUIRED PER THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
- CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
- UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.

Existing Conditions Information

- 1. BASE PLAN: THE PROPERTY LINES SHOWN WERE DETERMINED BY AN ACTUAL FIELD SURVEY CONDUCTED BY [WHOM], [AND FROM PLANS OF RECORD]. THE TOPOGRAPHY AND PHYSICAL FEATURES ARE BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY [WHOM], DURING [DATE(S)]. [OTHER SERVICES].
- A. DELINEATION OF THE WETLANDS AND PLACEMENT OF THE FLAGS WAS PERFORMED BY: VHB B. FLAGS MARKING THE WETLANDS WERE LOCATED BY: [WHOM], [HOW]
- 2. TOPOGRAPHY: ELEVATIONS ARE BASED ON [NGVD DATUM].
- GEOTECHNICAL DATA INCLUDING TEST PIT AND BORING LOCATIONS AND ELEVATIONS WERE OBTAINED FROM [NAME].

Document Use

- 1. THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF VHB. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VHB.
- CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
- SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.



500 Southborough Drive Suite 105B South Portland, ME 04106 207.889.3150

Sugarloaf Mtn Corp West Mountain Expansion

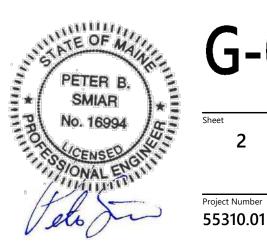
5092 Access Road Carrabassett Valley, ME 04947

RWN Issued for

Review

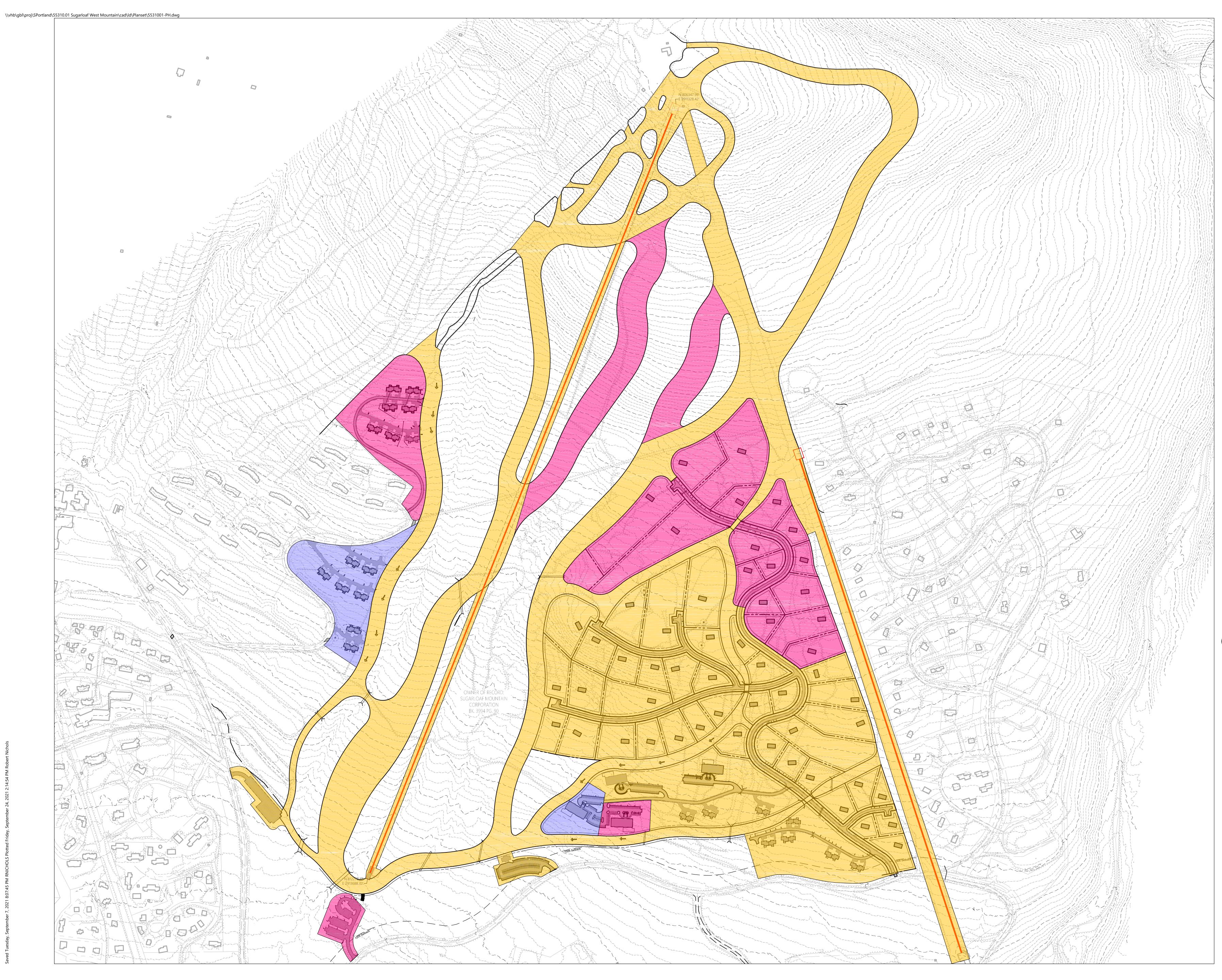
PS Date September 23, 2021

Not For Construction **General Civil Legend and** Notes



G-0.01

Drawing Number

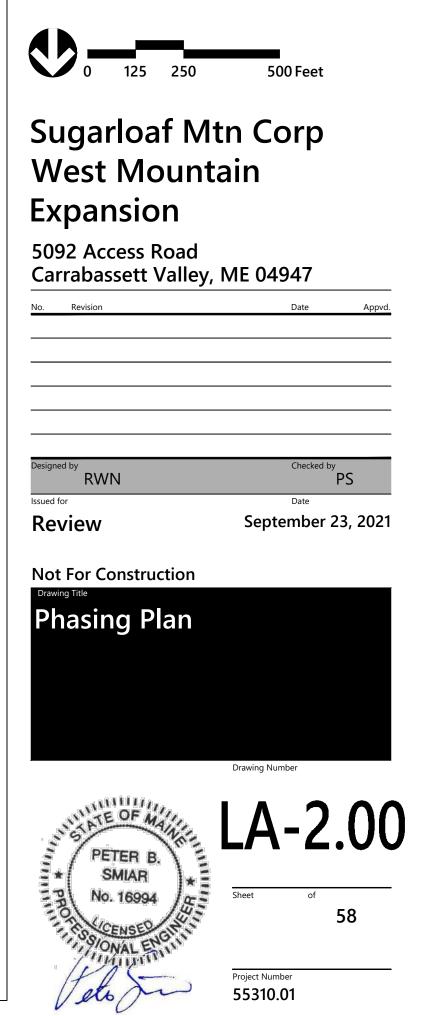






LEGEND

Phase One
Phase Two
Phase Three







	500 Feet
Sugarloaf M West Mount	tn Corp
Expansion	
5092 Access Road Carrabassett Valley,	ME 04947
No. Revision	Date Appvd.
Designed by	Checked by
RWN Issued for	Date
RWN	
RWN Issued for	Date September 23, 2021



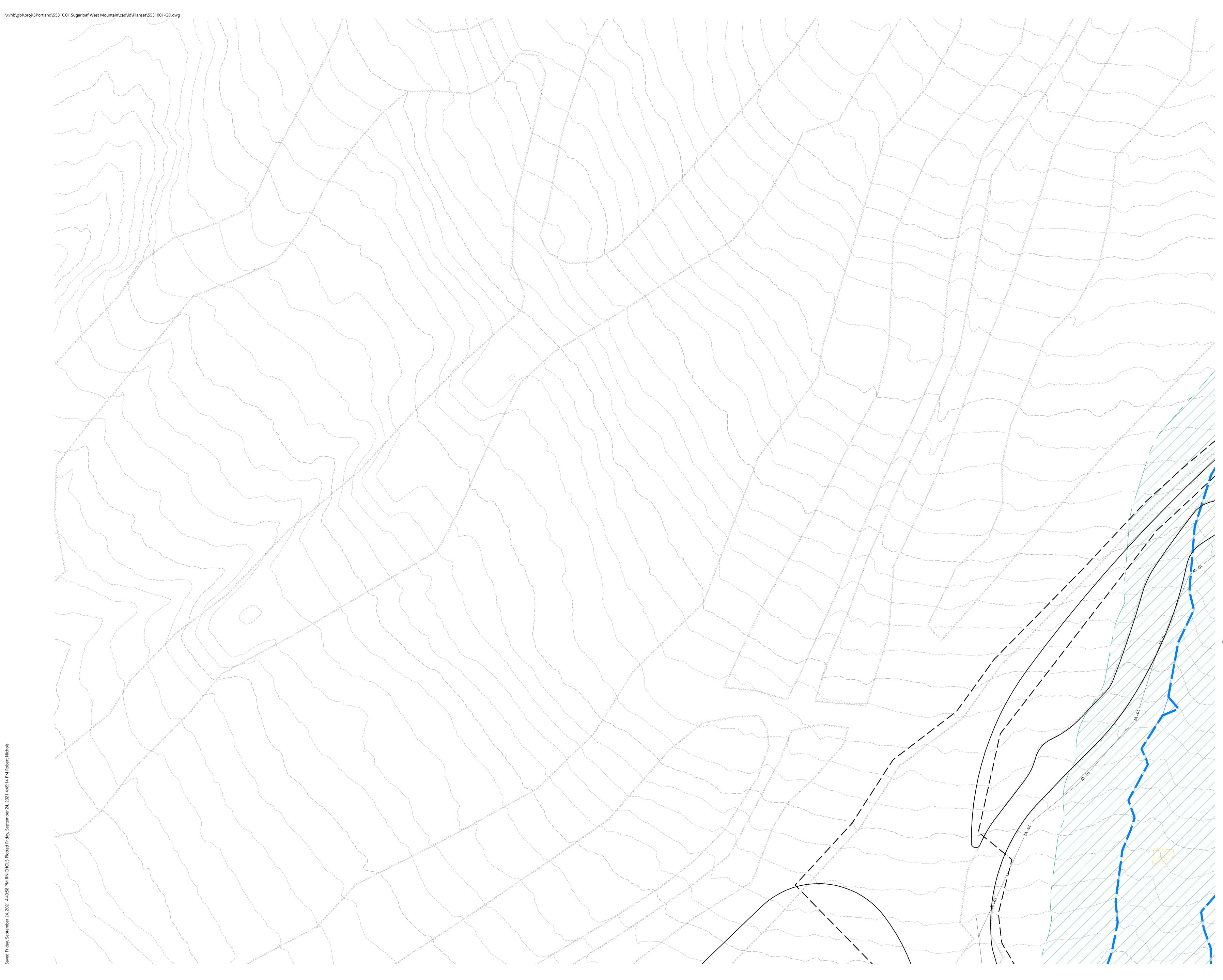


	100 Feet
Sugarloaf Mt West Mount Expansion	•
5092 Access Road Carrabassett Valley,	
No. Revision	Date Appvd.
Designed by RWN Issued for	Checked by PS Date
Review	September 23, 2021
Not For Construction Drawing Title Ski Trails Gradi	





	100 Feet
Sugarloaf N West Moun	•
Expansion	
5092 Access Road Carrabassett Valley	ı, ME 04947
No. Revision	Date Appvd.
Designed by	Checked by PS
Issued for Review	Date September 23, 2021
Not For Construction Drawing Title Ski Trails Grac	Jing Drawing Number
PETER B. SMIAR No. 16994 SPONAL ENGINE Meto	CG-1.02 Sheet of 58 Project Number 55310.01





	100 Feet
Sugarloaf M West Mount Expansion	-
5092 Access Road Carrabassett Valley,	, ME 04947
No. Revision	Date Appvd.
	Checked by
Designed by RWN Issued for	Date
RWN Issued for Review	PS
RWN Issued for	Date September 23, 2021





0 25 50 100 Feet Sugarloaf Mtn Corp West Mountain Expansion 5092 Access Road Carrabassett Valley, ME 04947 Checked by PS igned by RWN Date Issued for September 23, 2021 Review Not For Construction Ski Trails Grading Drawing Number CG-1.04 SATE OF MAIN PETER B. SMIAR No. 16994 58 CENSE 'ONA Project Number **55310.01** Veto Su

\\vhb\gbl\proj\SPortland\55310.01 Sugarloaf West Mountain\cad\ld\Planset\5531001-GD.dwg /--)--~~~ -/-------------Upp .----



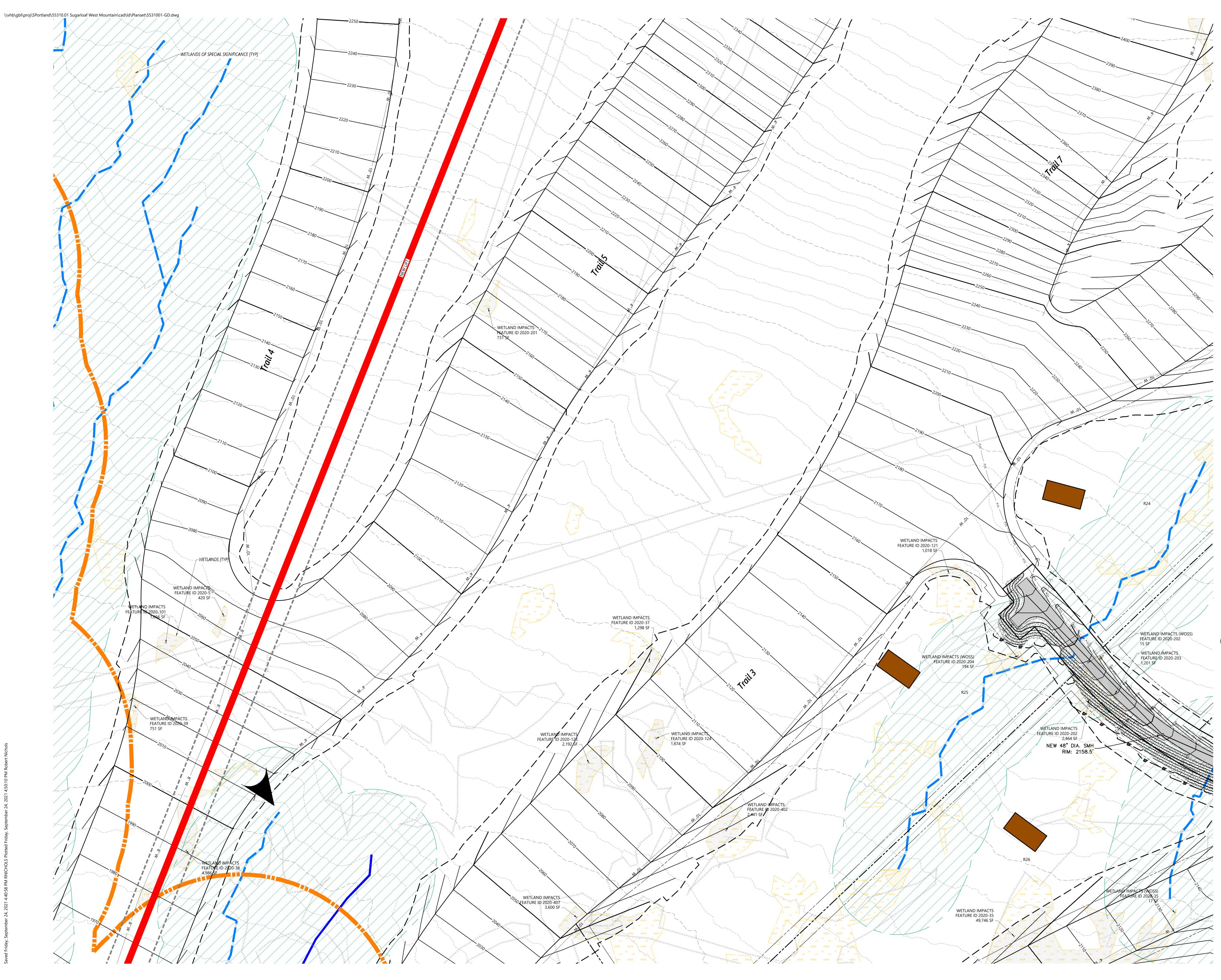


	100 Feet
Sugarloaf M West Mount Expansion	-
5092 Access Road Carrabassett Valley,	ME 04947
No. Revision	Date Appvd.
Designed by	Checked by
RWN	PS
Issued for Review	PS Date September 23, 2021
Issued for	Date September 23, 2021





0 25 50	100 Feet		
Sugarloaf Mtn Corp West Mountain Expansion			
5092 Access Road Carrabassett Valley,	ME 04947		
No. Revision	Date Appvd.		
Designed by	Checked by		
RWN Issued for Review	Checked by PS Date September 23, 2021		
RWN Issued for	Date September 23, 2021		



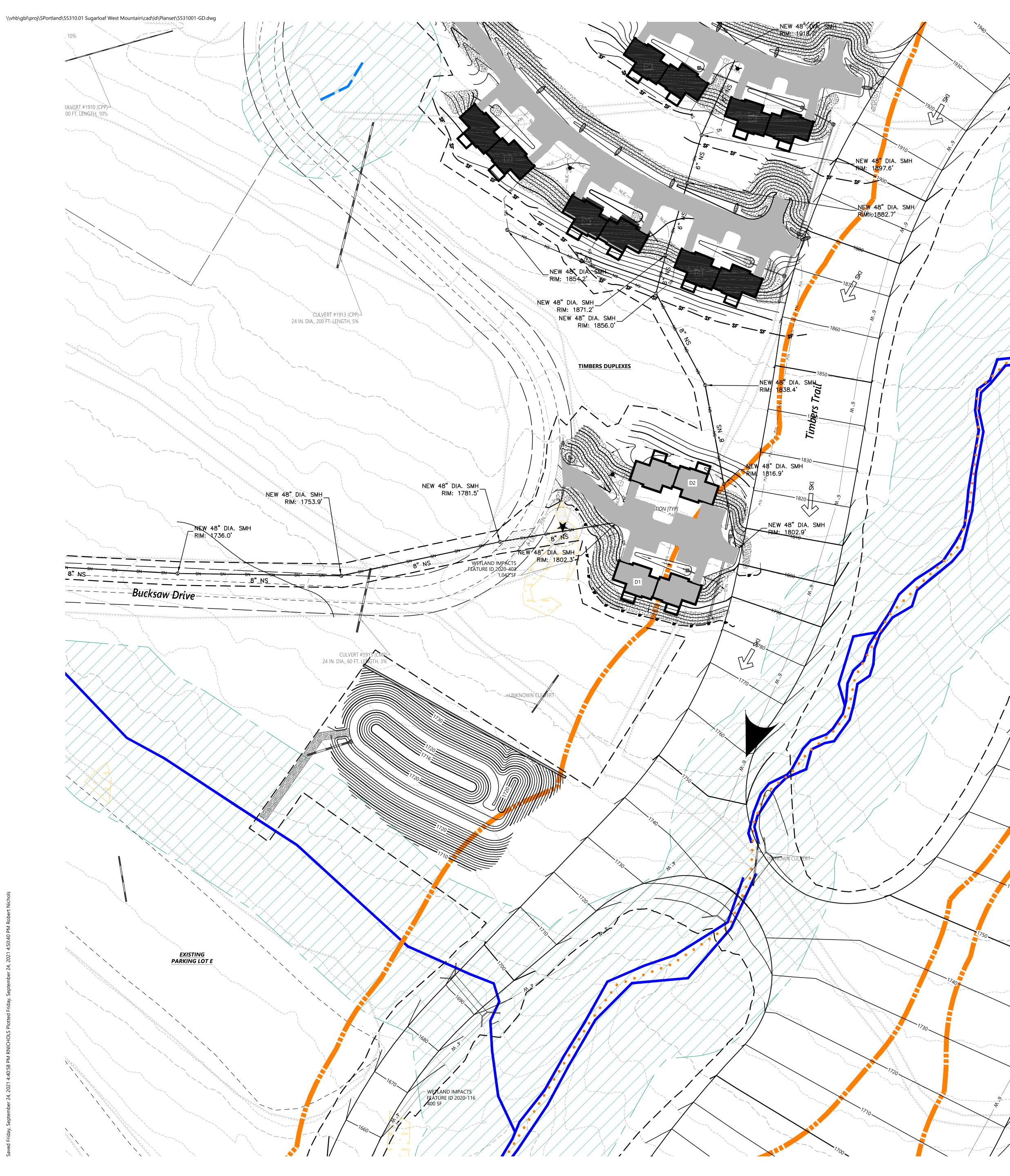


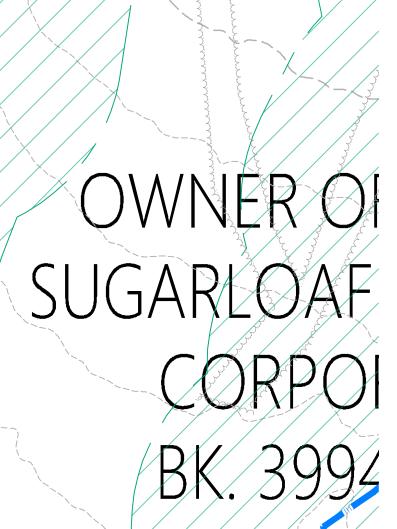
0 25 50 100 Feet Sugarloaf Mtn Corp West Mountain Expansion 5092 Access Road Carrabassett Valley, ME 04947 Revisio RWN Checked by PS Issued for Date September 23, 2021 Review Not For Construction Ski Trails Grading Drawing Number CG-1.07 SATE OF MA PETER B. SMIAR No. 16994 58 Teto Su Project Number **55310.01**





	100 Feet	
Sugarloaf Mt West Mounta		
Expansion		
5092 Access Road Carrabassett Valley,	ME 04947	
No. Revision	Date Appvd.	
Designed by	Checked by PS	
Issued for Review	Date September 23, 2021	
Not For Construction Drawing Title		
Ski Trails Gradi	ng	
	Drawing Number	
SUSTATE OF MAIN	CG-1.08	
* SMIAR *		
E 78 No. 16994	Sheet of 58	
SONAL ENGLIS		
Veto In	Project Number 55310.01	
and an		





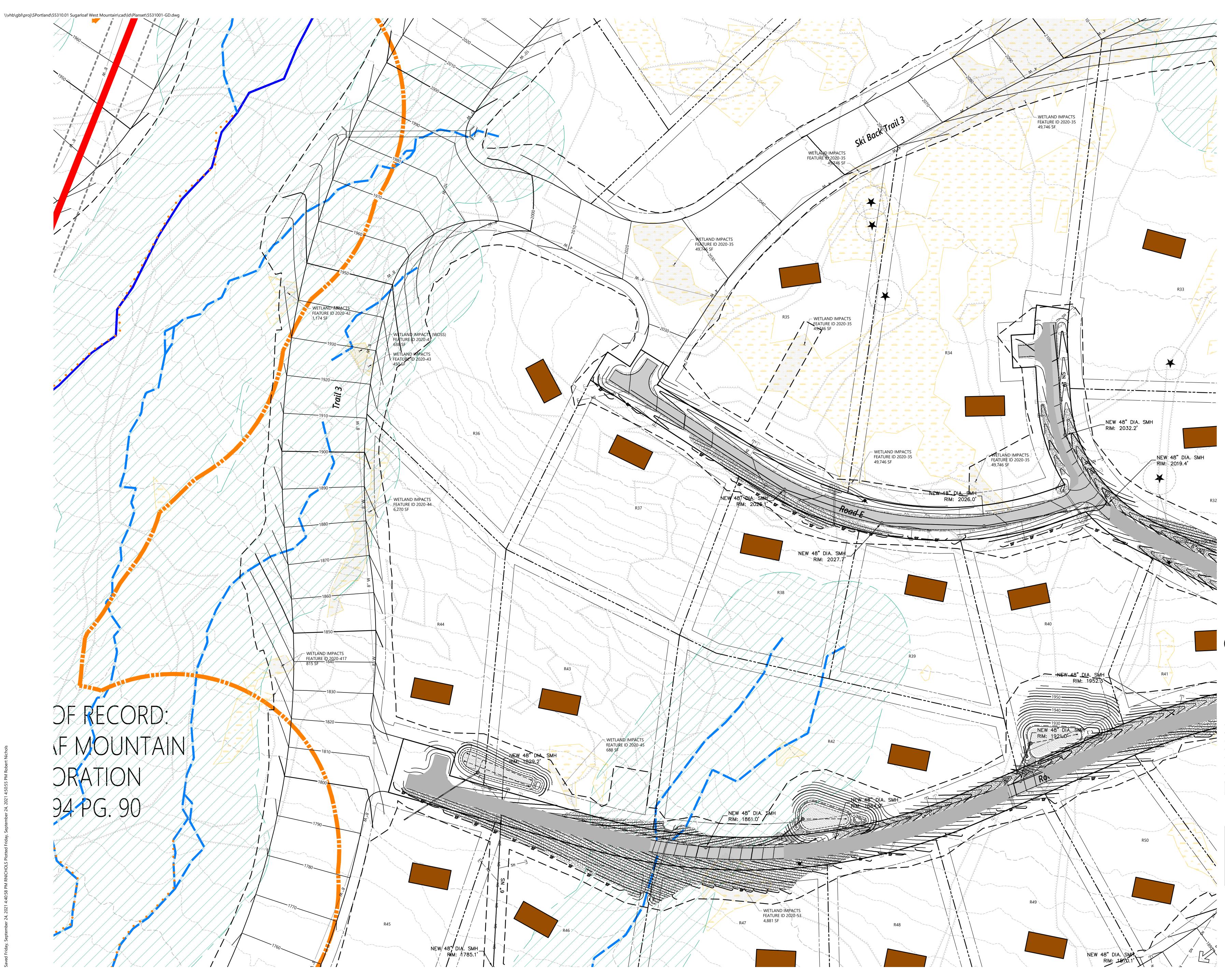
WETLAND IMPACTS FEATURE ID 2020-48 2,066 SF

S.

F Z



100 Feet	
tn Corp ain	
ME 04947	
Date	Appvd.
Checked by	S
Date	
ing	
	Ain ME 04947 Date Date Checked by P Date September 23



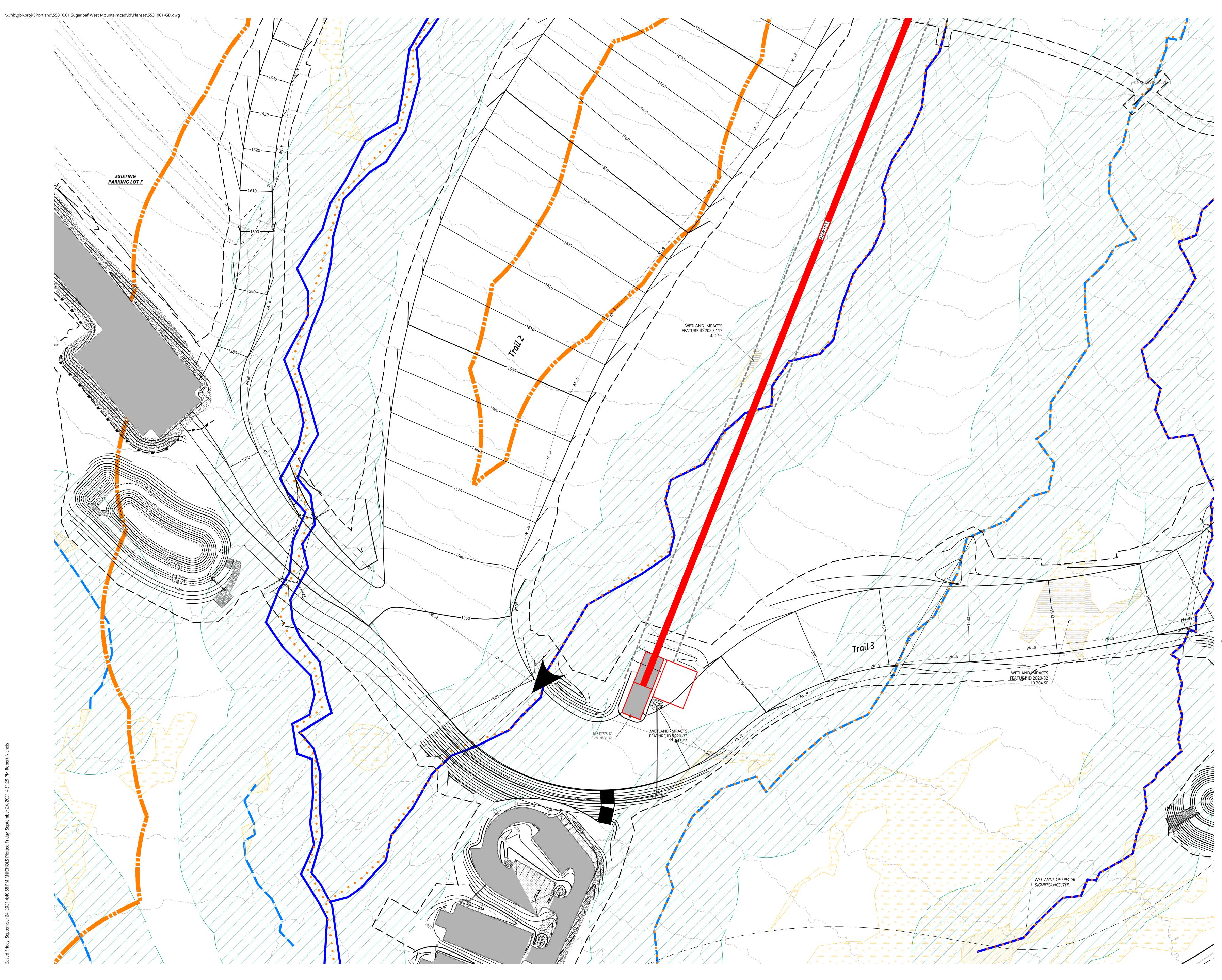


	100 Feet
Sugarloaf Mt West Mounta Expansion	n Corp
5092 Access Road Carrabassett Valley,	ME 04947
No. Revision	Date Appvd.
Designed by	Checked by PS
Issued for Review	Date September 23, 2021
Not For Construction	
Ski Trails Gradi	ng
	Drawing Number
STATE OF MAINT	CG-1.10
* PETER B. SMIAR No. 16994	Sheet of
SSICENSED NULL	58
Veto Su	Project Number 55310.01



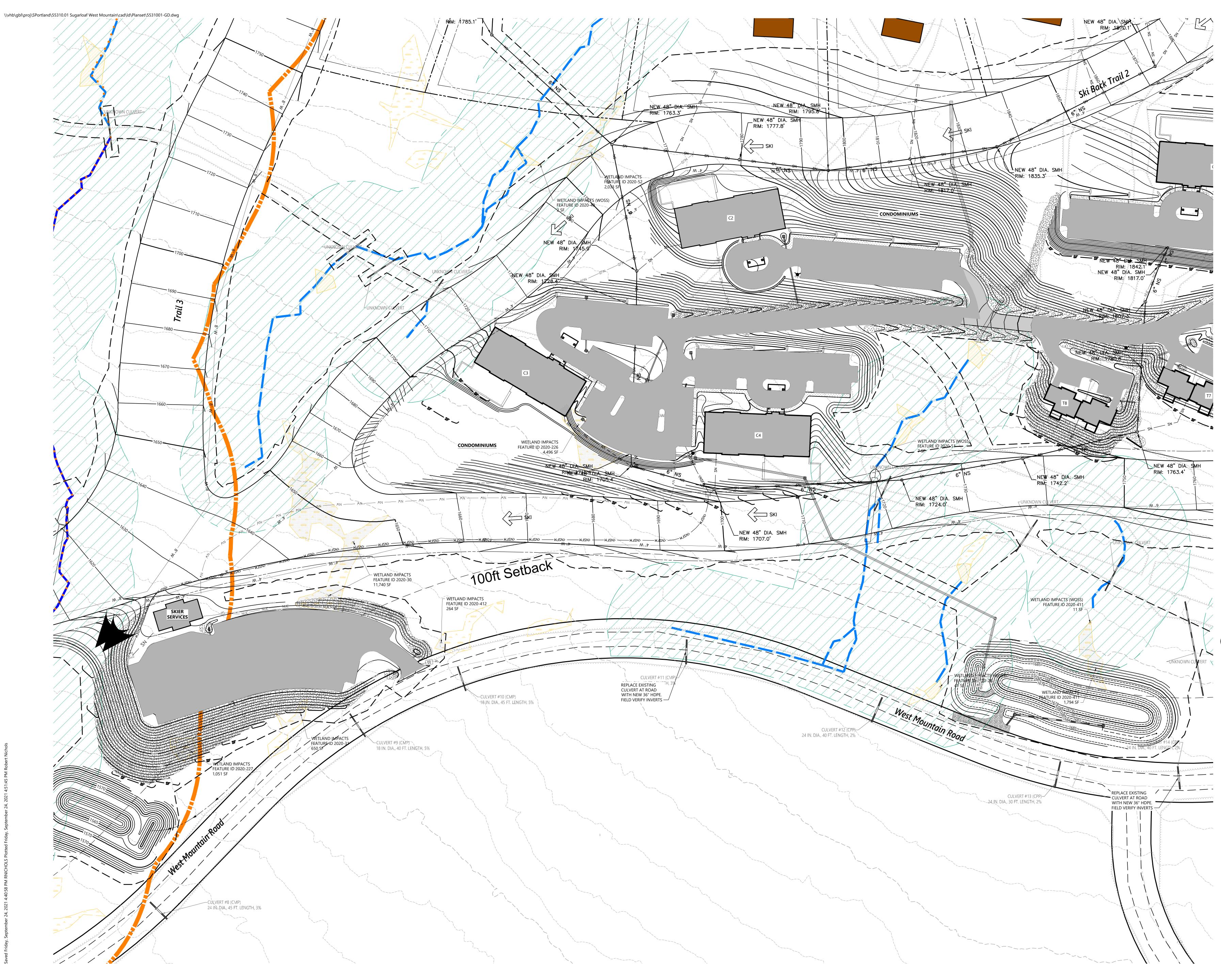


0 25 50	100 Feet
Sugarloaf Mt West Mount Expansion	•
5092 Access Road Carrabassett Valley,	MF 04947
No. Revision	Date Appvd.
Designed by RWN Issued for	Checked by PS Date
Review Not For Construction Drawing Title Ski Trails Gradi	September 23, 2021
	Drawing Number
PETER B. SMIAR No. 16994	CG-1.11 Sheet of 58
Veto Su	Project Number 55310.01



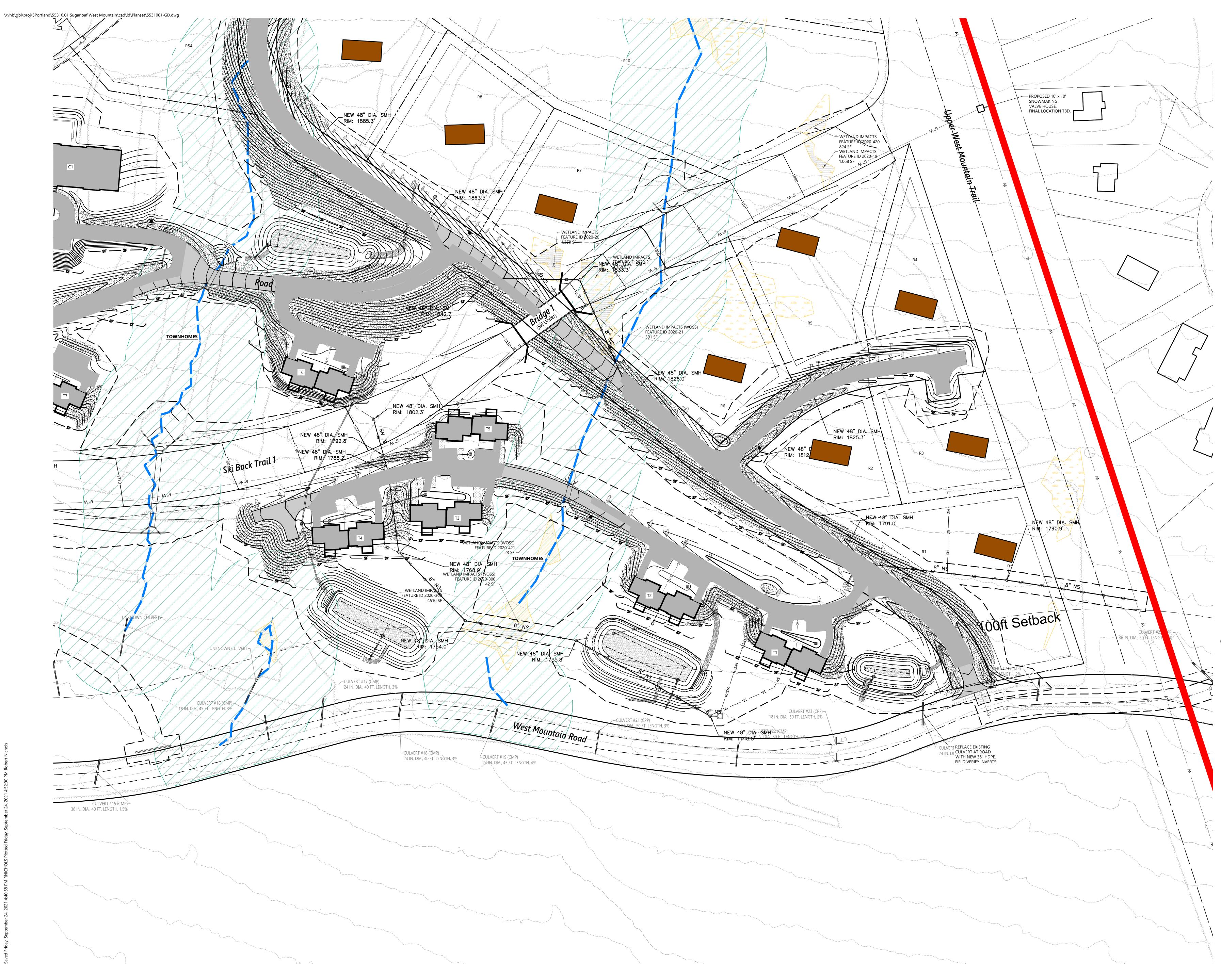


0 25 50	100 Feet
Sugarloaf Mt West Mounta Expansion	
5092 Access Road	
Carrabassett Valley,	Date Appvd.
Designed by	Checked by
Issued for Review	Date September 23, 2021
Not For Construction Drawing Title Ski Trails Gradi	ng Drawing Number
PETER B. SMIAR No. 16994	CG-1.12 Sheet of 58 Project Number 55310.01



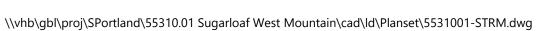


0 25 50	100 Feet
Sugarloaf Mi West Mount Expansion	•
5092 Access Road Carrabassett Valley, No. Revision	ME 04947 Date Appvd.
Designed by RWN Issued for Review	Checked by PS Date September 23, 2021
Not For Construction Drawing Title Ski Trails Gradi	ng
PETER B. SMIAR No. 16994	Drawing Number CG-1.13



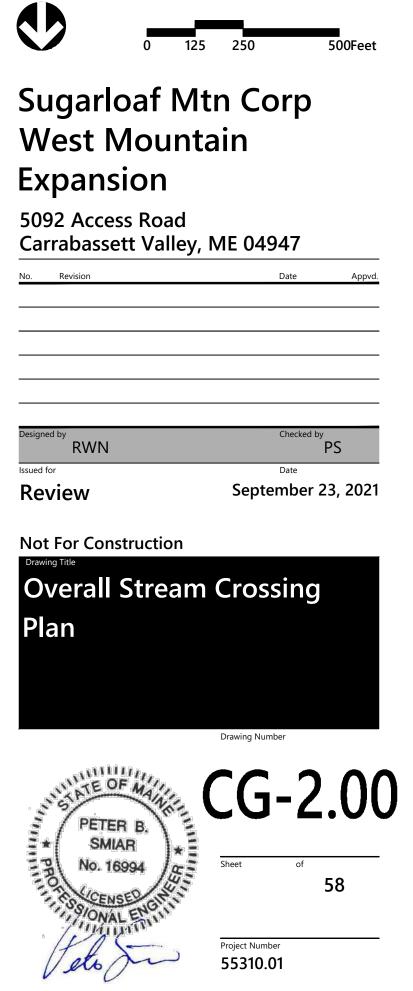


0 25 50	100 Feet
Sugarloaf Mt West Mounta Expansion	-
5092 Access Road Carrabassett Valley,	ME 04947
No. Revision	Date Appvd.
Designed by RWN	Checked by PS
Issued for Review	Date September 23, 2021
Not For Construction Drawing Title Ski Trails Gradi	ng Drawing Number
PETER B. SMIAR No. 16994	CG-1.14 Sheet of 58 Project Number

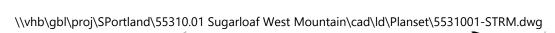


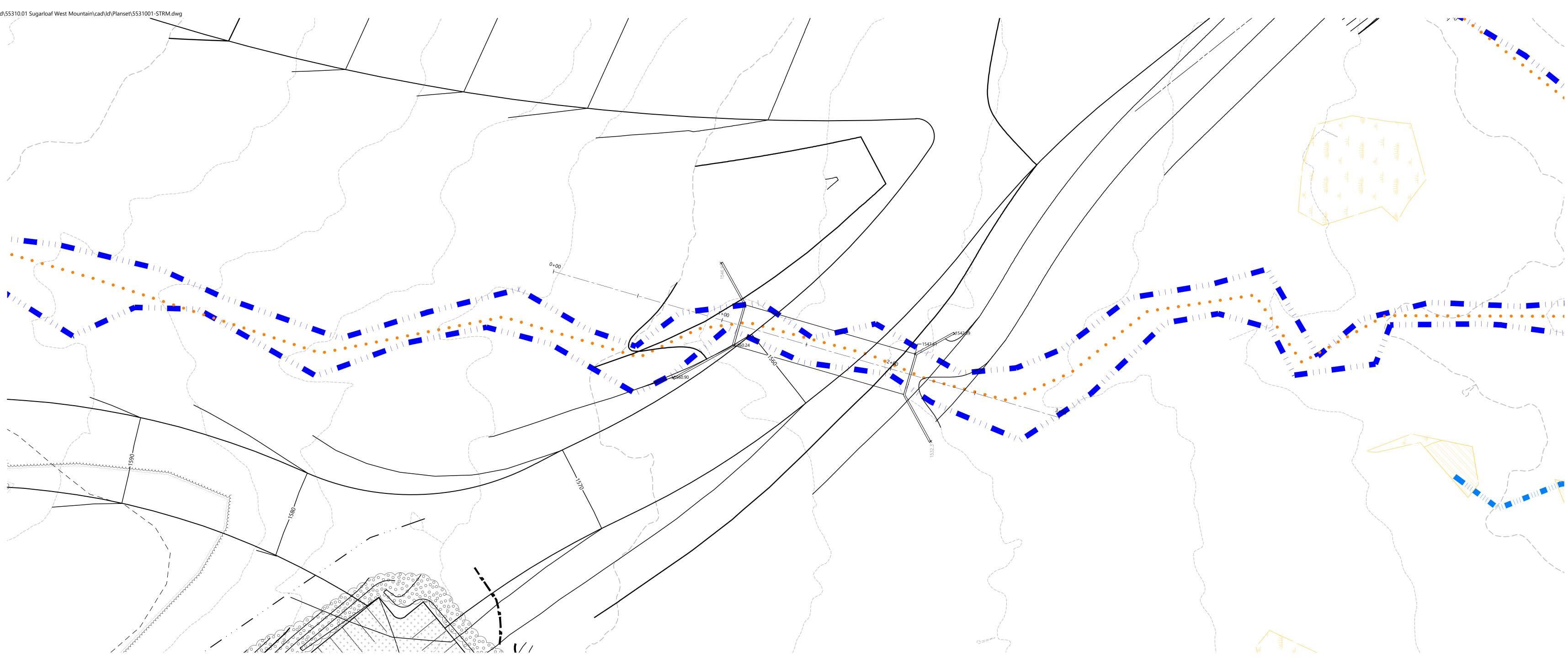






Project Number **55310.01**



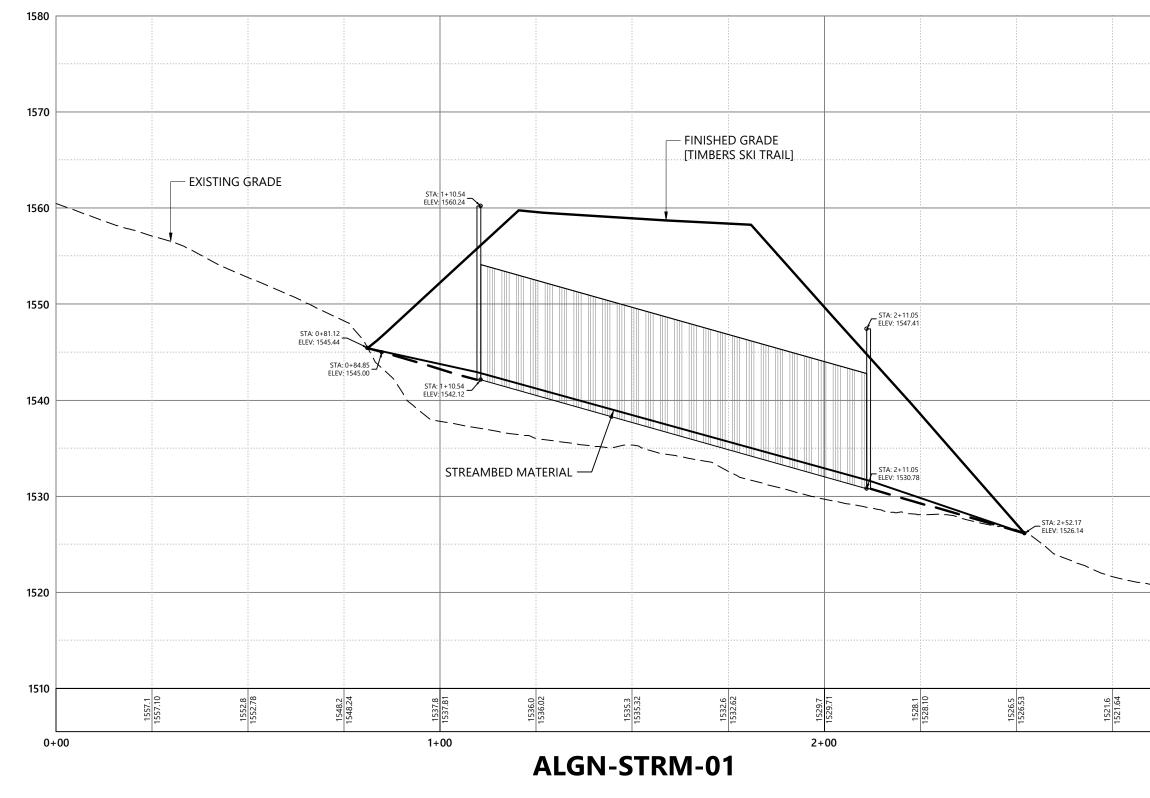


SINGLE RADIUS ARCH

PIPE MATERIAL _____ PIPE GAGE _____ PIPE LENGTH PIPE DIMENSIONS UPSTREAM INVERT DOWNSTREAM INVERT SLOPE WINGWALLS UPSTREAM ENDWALL DIMENSION DOWNSTREAM ENDWALL DIMENSION

TBD 100.51± Feet 24' SPAN X 12' RISE 1542.12± Feet 1530.78± Feet 0.11 FT/FT TBD TBD TBD

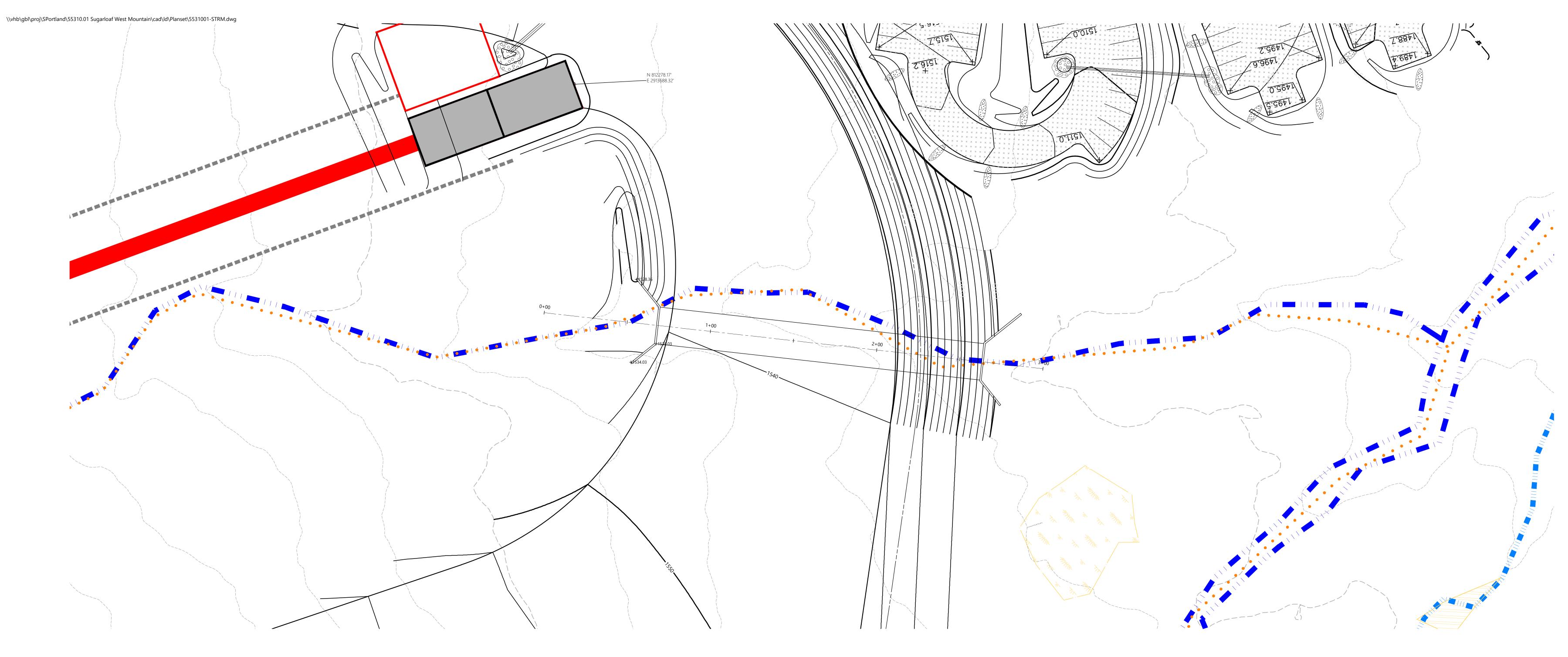
TBD





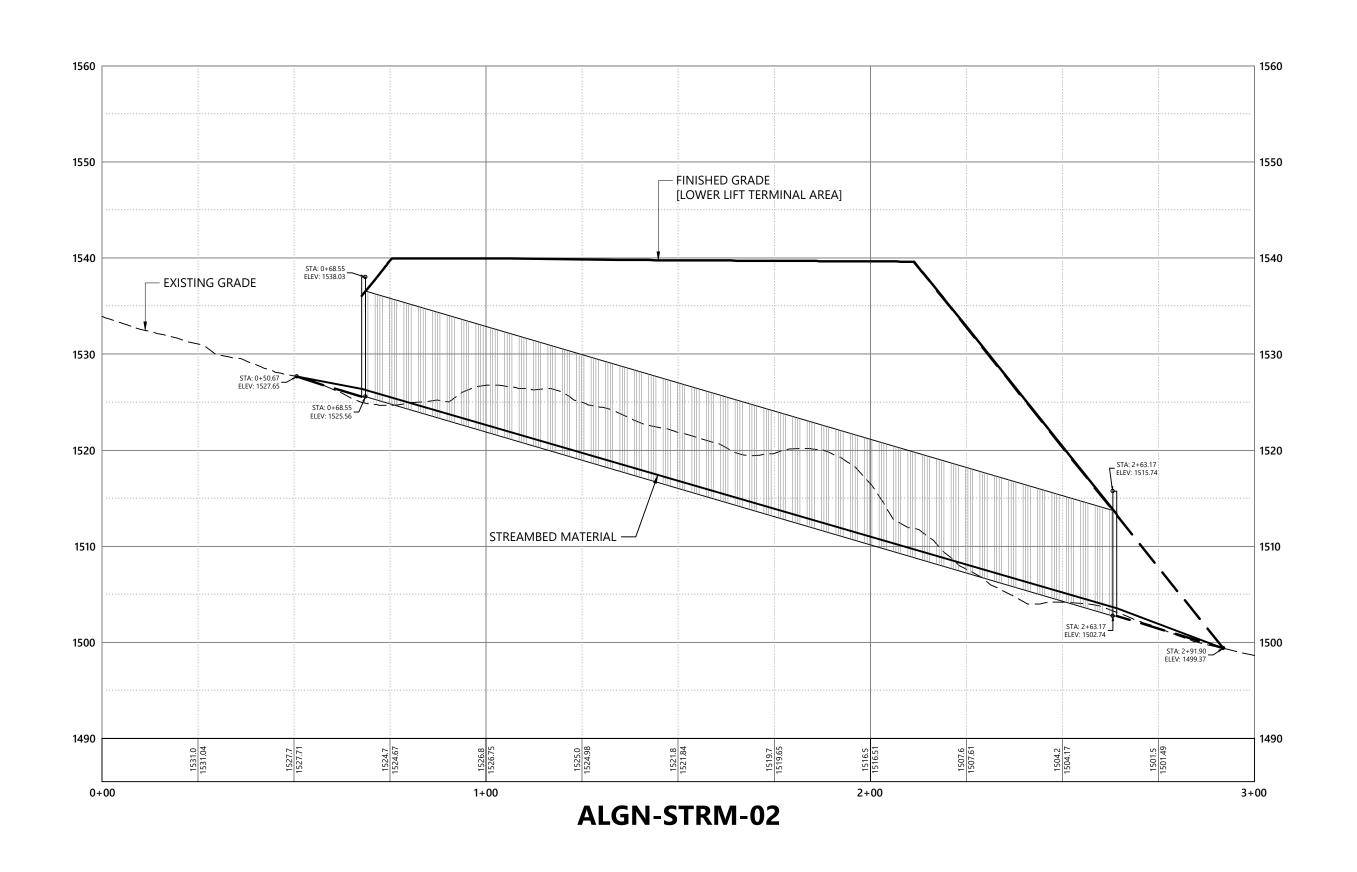


Ð	Vert. 0 Horiz.0	5 12.5	10 25	20 Feet 50 Feet
West	rloaf Mou		_	rp
Expai	nsion			
	cess Roa ssett Val		1E 0494	17
No. Revision			D	ate Appvd.
Designed by	/N		C	hecked by PS
Issued for Review				ate 1ber 23, 2021
Drawing Title		ssing	Plan	
3*({	E OF MAINE TER B. SMIAR D. 16994 CENSED OF DNAL ENGINE	Vister *	Sheet Project Number 55310.01	-2.01

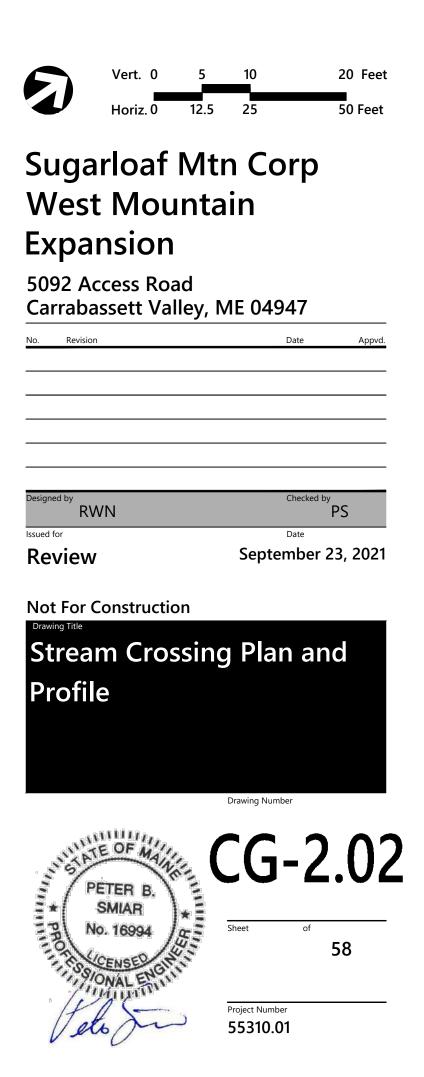


SINGLE RADIUS ARCH

PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	194.62± Feet
PIPE DIMENSIONS	22' SPAN X 11' RISE
UPSTREAM INVERT	1525.56± Feet
DOWNSTREAM INVERT	1502.74± Feet
SLOPE	0.12 FT/FT
WINGWALLS	TBD
UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION	TBD



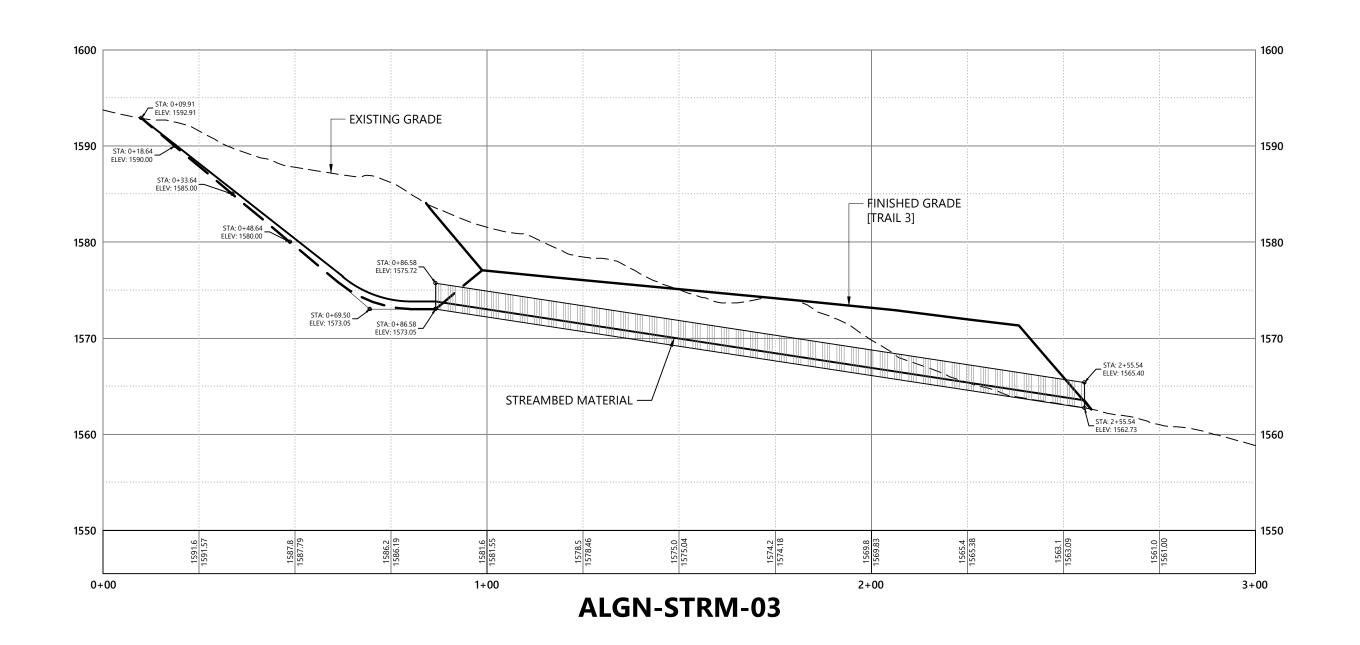




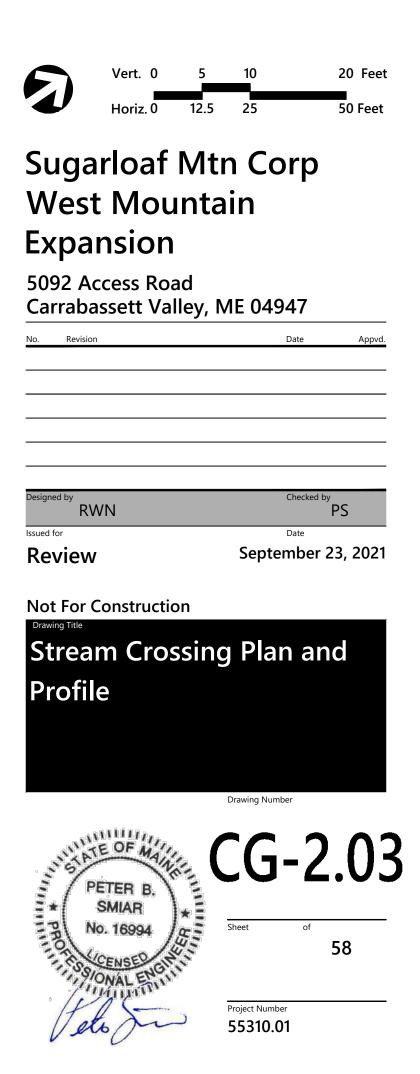


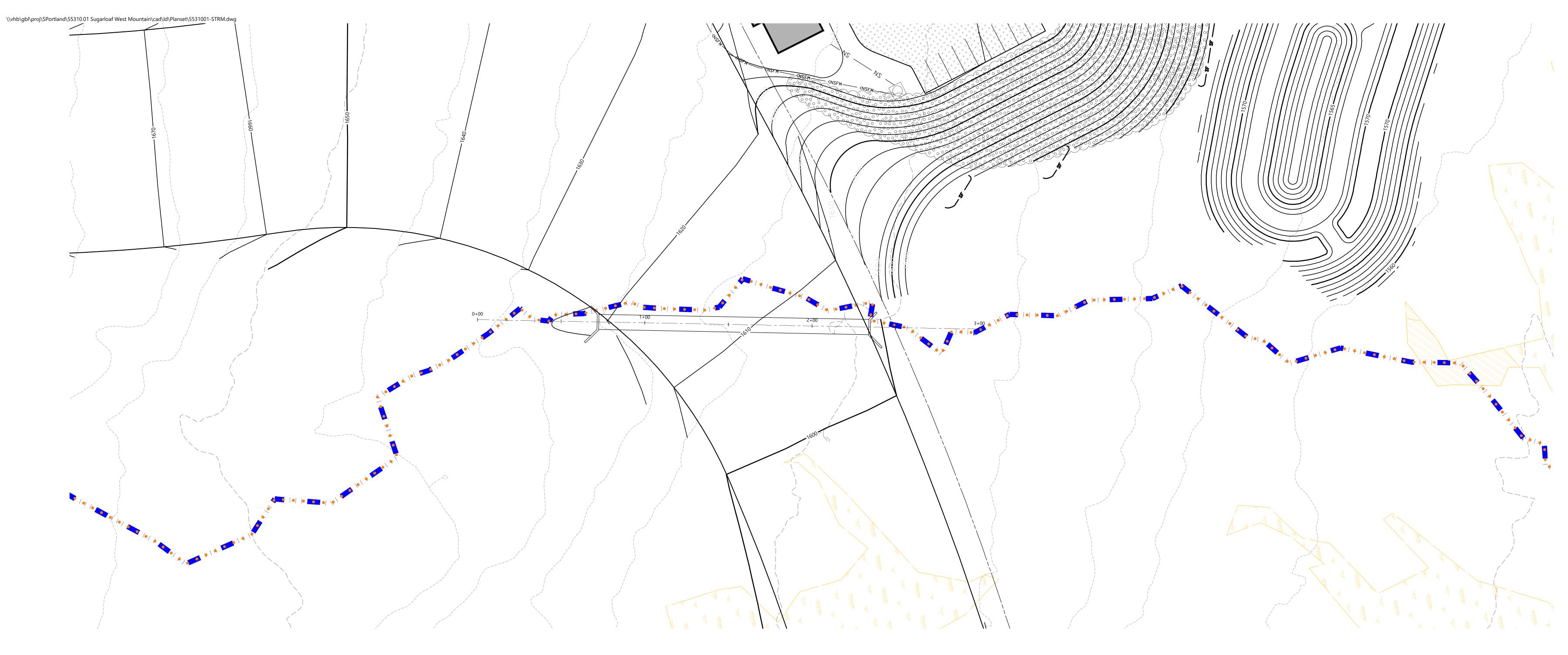
BOX

DOX	
PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	168.96± Feet
PIPE DIMENSIONS	10.17' SPAN X 2.67' RISE
UPSTREAM INVERT	1573.05± Feet
DOWNSTREAM INVERT	1562.73± Feet
SLOPE	0.06 FT/FT
WINGWALLS	N/A
UPSTREAM ENDWALL DIMENSION	N/A
DOWNSTREAM ENDWALL DIMENSION	N/A



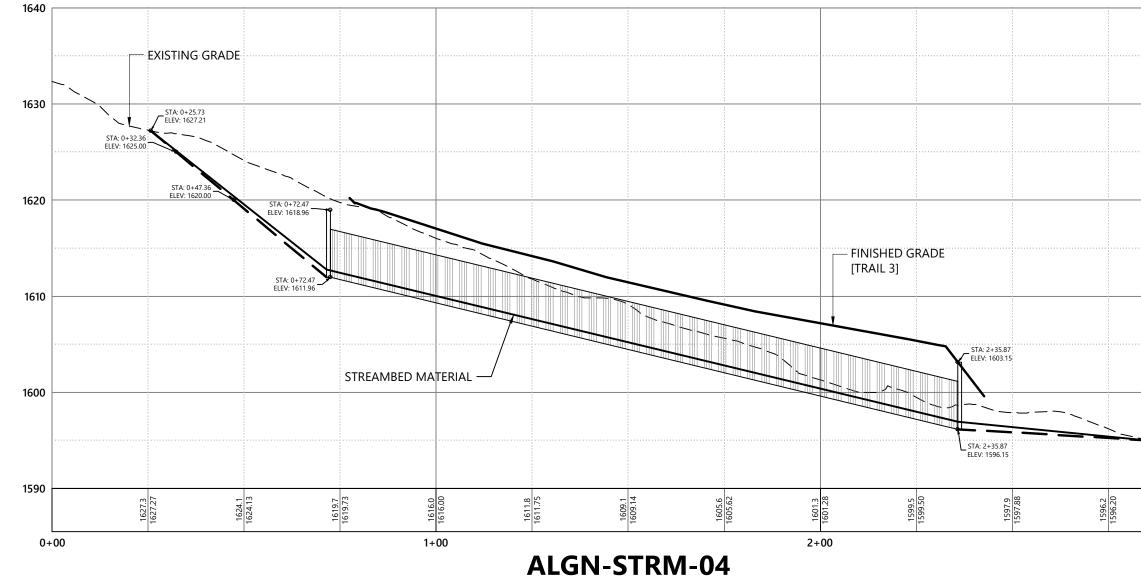






SINGLE RADIUS ARCH

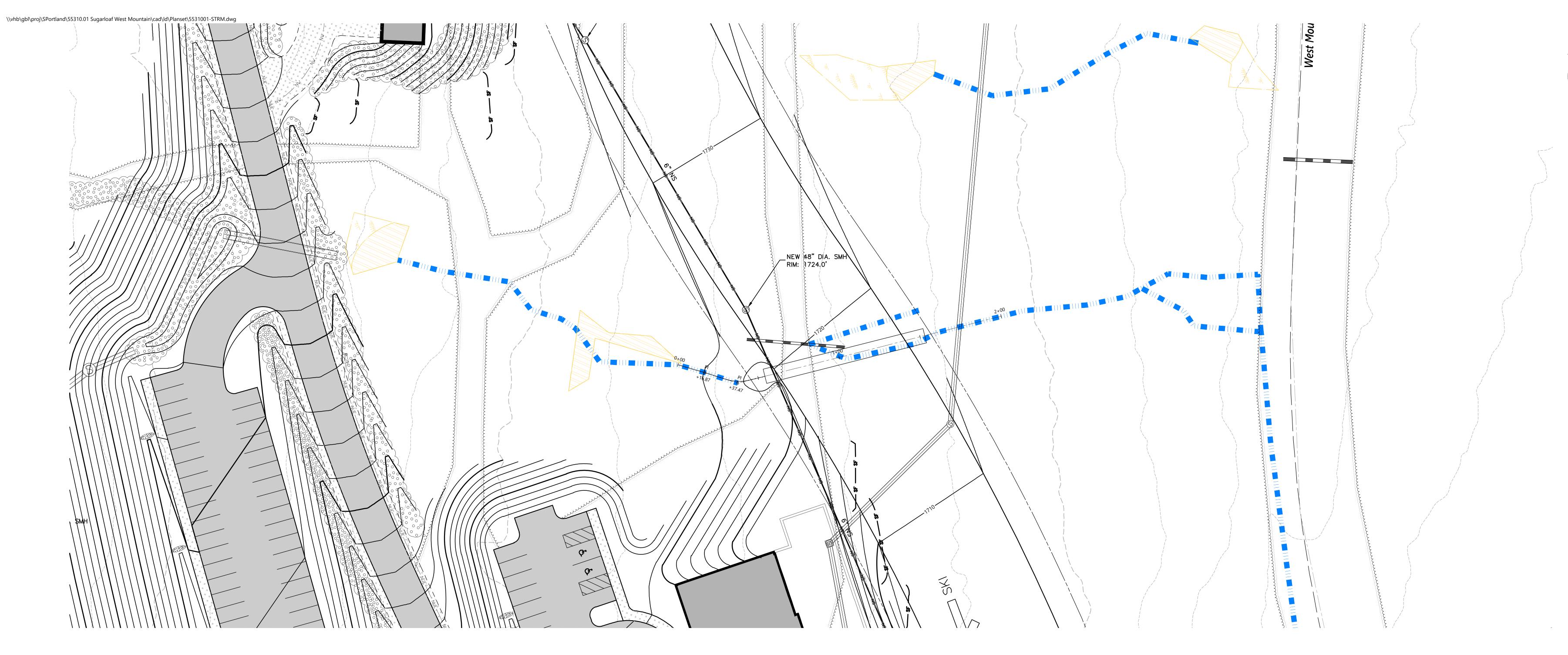
PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	163.40± Feet
PIPE DIMENSIONS	9' SPAN X 5' RISE
UPSTREAM INVERT	1611.96± Feet
DOWNSTREAM INVERT	1596.15± Feet
SLOPE	0.10 FT/FT
WINGWALLS	TBD
UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION	TBD





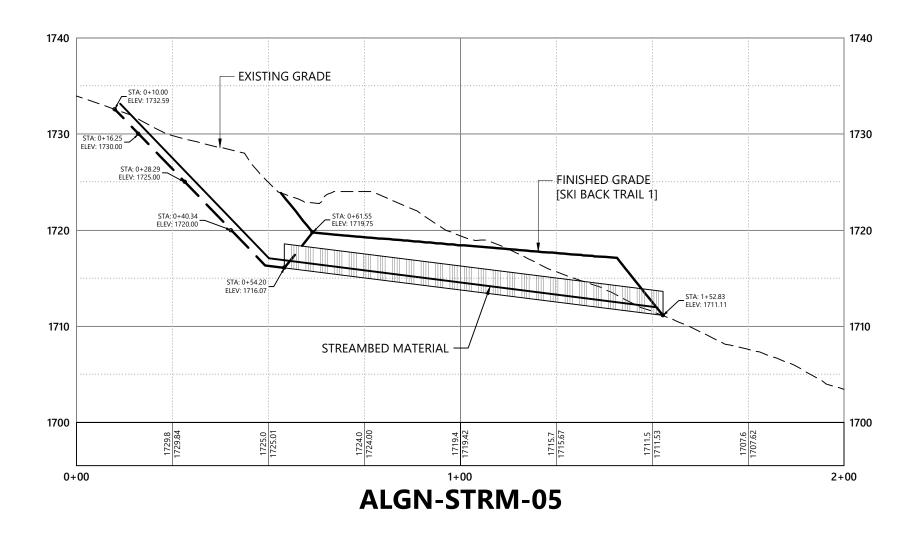


Horiz. 0	5 10 12.5 25	20 Feet 50 Feet
Sugarloaf West Mou		rp
Expansion		
5092 Access Roa Carrabassett Vall		47
No. Revision		Date Appvd.
Designed by	(Checked by PS
Issued for Review		Date nber 23, 2021
	·	·
Not For Constructio		
Drawing Title Stream Cros		and
Drawing Title		and
Drawing Title Stream Cros		and
Drawing Title Stream Cros	sing Plar	
Drawing Title Stream Cros Profile	sing Plan	r
Drawing Title Stream Cros Profile	sing Plan	
Drawing Title Stream Cros Profile	sing Plan	-2.04
Drawing Title Stream Cros Profile Profile	sing Plan	r
Drawing Title Stream Cros Profile	sing Plan	r - 2.04



BOX

BOX	
PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	98.63± Feet
PIPE DIMENSIONS	8.75' SPAN X 2.50' RISE
UPSTREAM INVERT	1716.07± Feet
DOWNSTREAM INVERT	1711.11± Feet
SLOPE	0.05 FT/FT
WINGWALLS	N/A
UPSTREAM ENDWALL DIMENSION	N/A
DOWNSTREAM ENDWALL DIMENSION	N/A





Ð	Vert. 0 Horiz.0	5 10 12.5 2		20 Feet 50 Feet
West	rloaf : Mou nsion		-)
5092 Ac	ssett Val		04947	Appvd.
Designed by RW Issued for Review	/N	Se	Checked Date eptembe	PS r 23, 2021
Drawing Title	ionstructio m Cros	sing P	Plan a	nd
ā*í +	E OF MAINE ETER B. SMIAR D. 16994		G-2	2.05



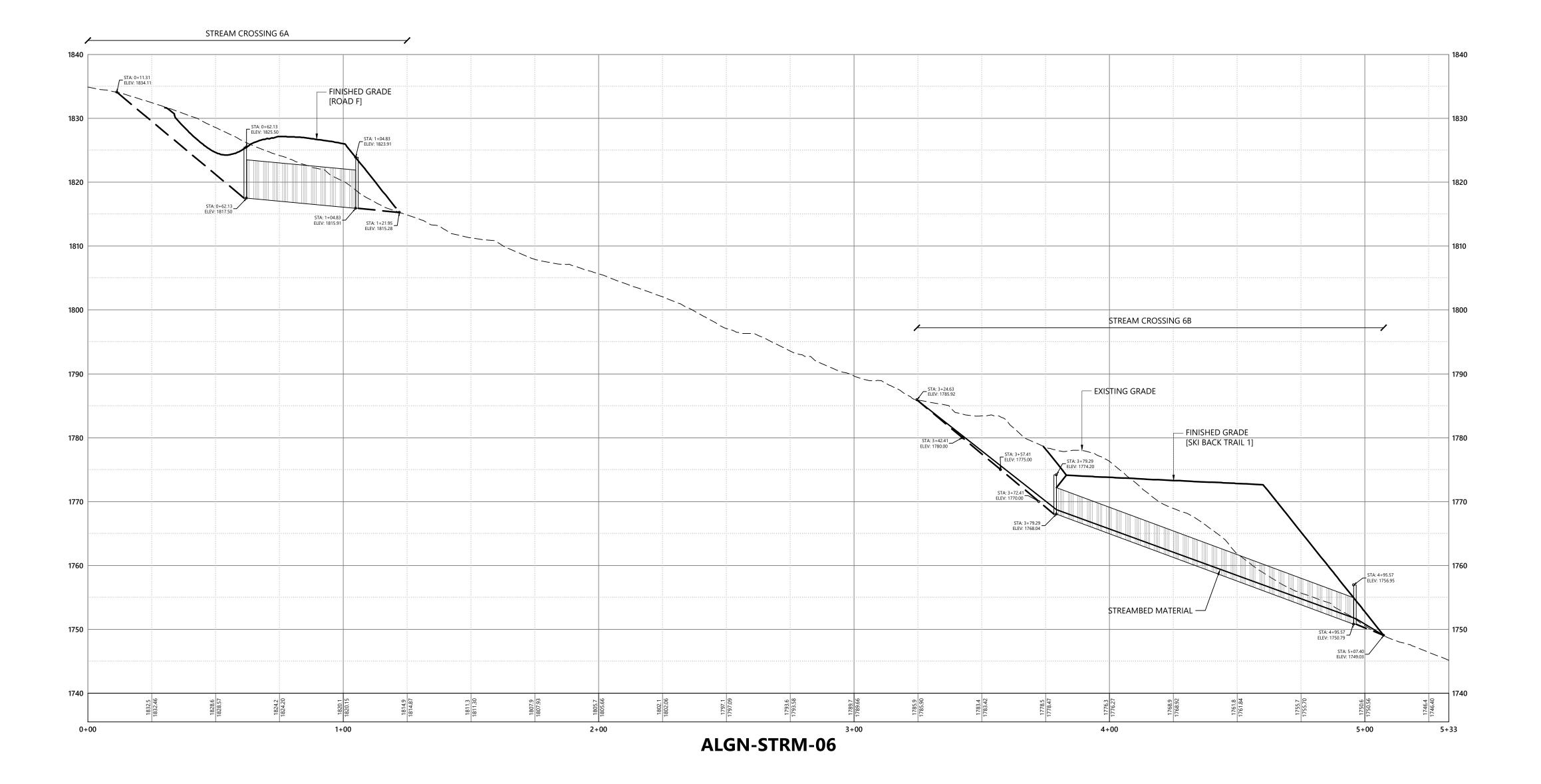
SINGLE RADIUS ARCH

PIPE MATERIAL	TBD	
PIPE GAGE	12	
PIPE LENGTH	42.70± Feet	
PIPE DIMENSIONS	6' SPAN X 3.2' RISE	
UPSTREAM INVERT 1817.50±		
DOWNSTREAM INVERT	1815.91± Feet	
SLOPE	0.04 FT/FT	
WINGWALLS	TBD	
UPSTREAM ENDWALL DIMENSION	TBD	
DOWNSTREAM ENDWALL DIMENSION	TBD	

STREAM CROSSING 6B

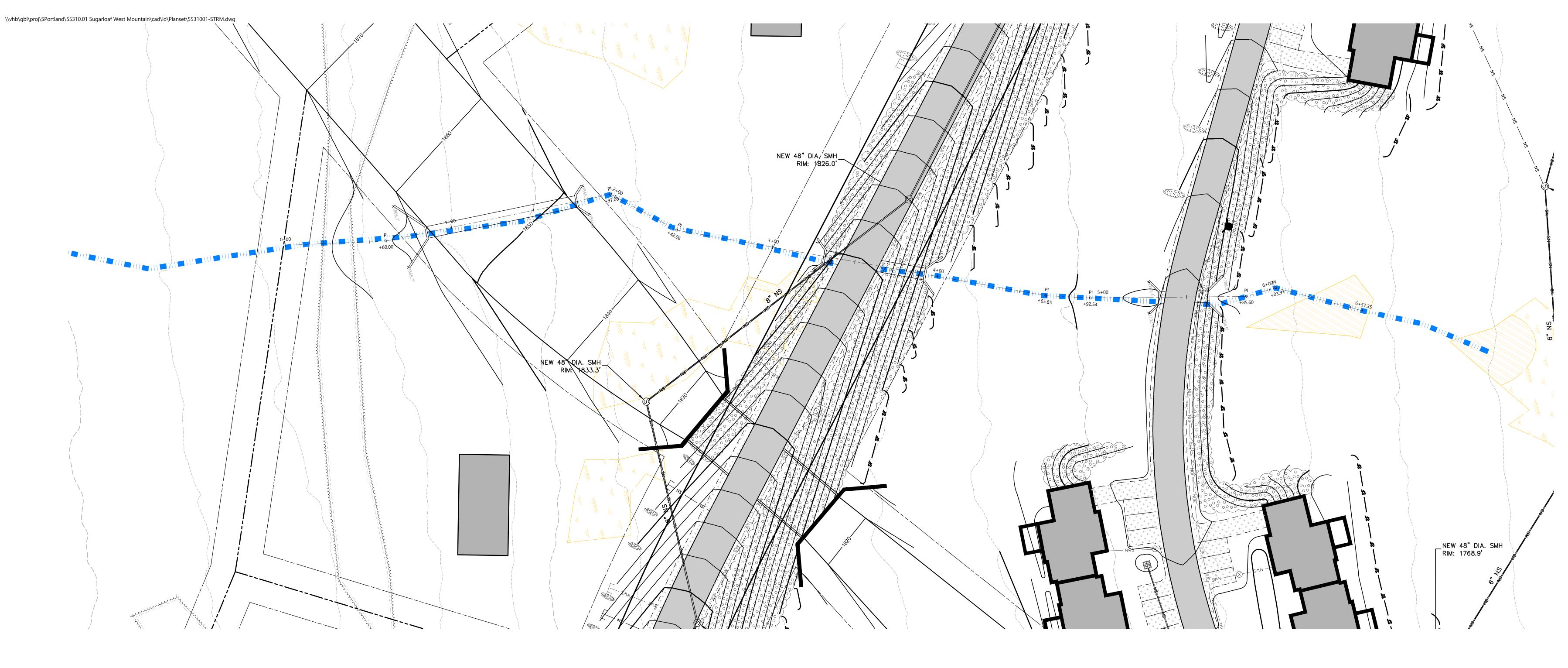
SINGLE RADIUS ARCH

PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	116.28± Feet
PIPE DIMENSIONS	8' SPAN X 4.2' RISE
UPSTREAM INVERT	1768.04± Feet
DOWNSTREAM INVERT	1750.79± Feet
SLOPE	0.15 FT/FT
WINGWALLS	TBD
UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION	TBD





Ð	Vert. 0 Horiz.0	5 12.5	10 25		20 Feet 50 Feet
West	rloaf : Mou nsion		-	rp	
	ccess Roa ssett Val		1E 049	47	
No. Revision				Date	Appvd.
Designed by	VN			Checked b	PS
Issued for Review			Septer	^{Date} nber	23, 2021
Drawing Title	Construction m Cros		Drawing Numb		d
	ETER B. SMIAR 0. 16994 CENSED GN DNAL ENG DNAL ENG NAL ENG		Sheet Project Number 55310.0	of r	58 58



SINGLE RADIUS ARCH

PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	90.40± Feet
PIPE DIMENSIONS	7' SPAN X 3.7' RISE
UPSTREAM INVERT	1850.79± Feet
DOWNSTREAM INVERT	1844.01± Feet
SLOPE	0.08 FT/FT
WINGWALLS	TBD
UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION	TBD

STREAM CROSSING 7B

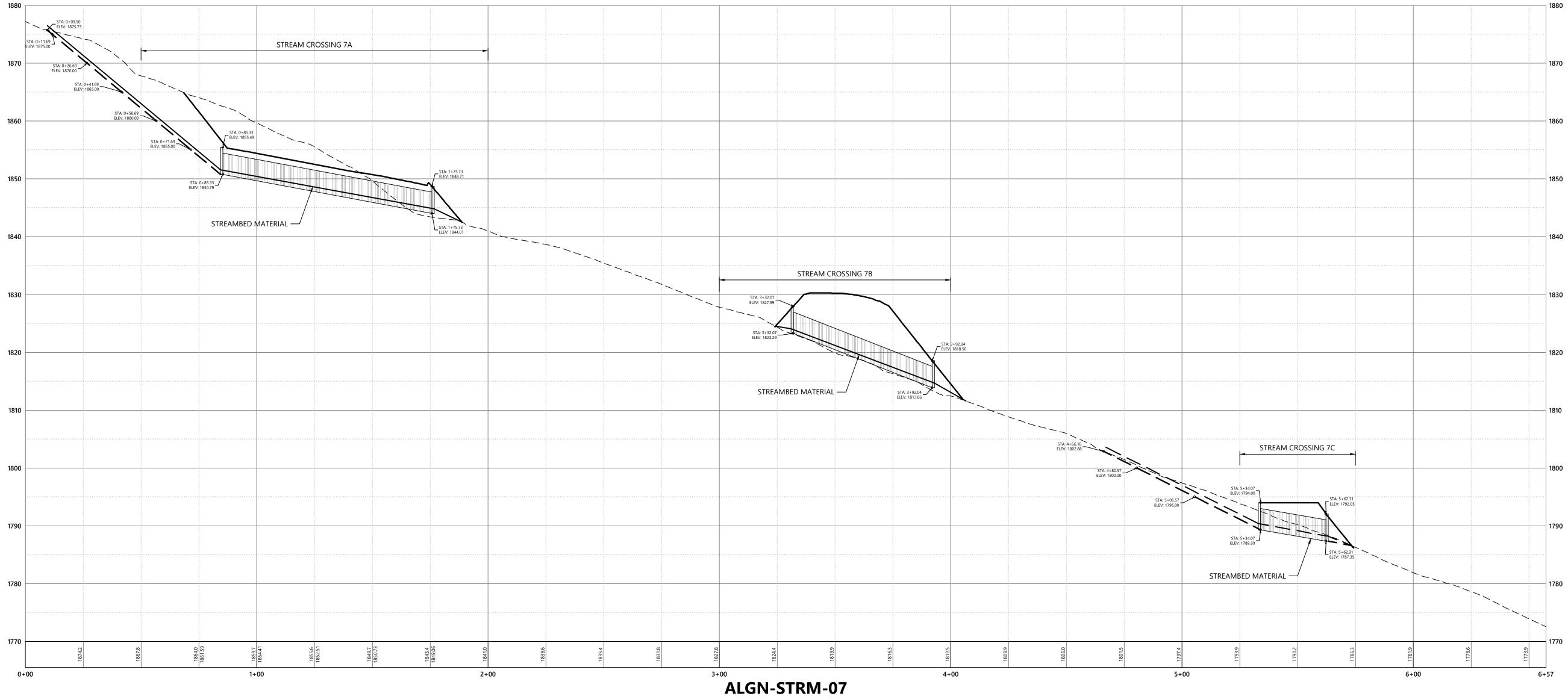
SINGLE RADIUS ARCH

PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	59.97± Feet
PIPE DIMENSIONS	7' SPAN X 3.7' RISE
UPSTREAM INVERT	1823.29± Feet
DOWNSTREAM INVERT	1813.86± Feet
SLOPE	0.16 FT/FT
WINGWALLS	TBD
UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION	TBD

STREAM CROSSING 7C

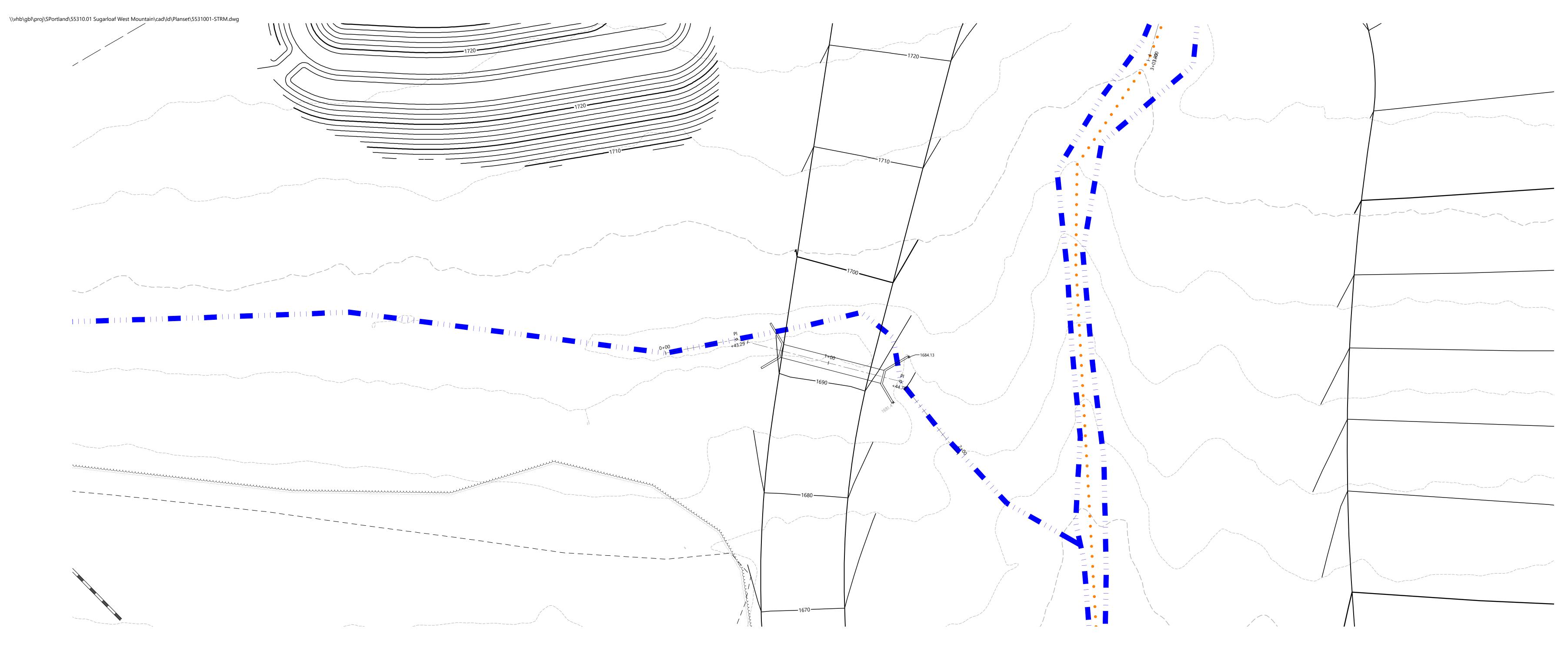
SINGLE RADIUS ARCH

PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	28.24± Feet
PIPE DIMENSIONS	7' SPAN X 3.7' RISE
UPSTREAM INVERT	1789.30± Feet
DOWNSTREAM INVERT	1787.35± Feet
SLOPE	0.07 FT/FT
WINGWALLS	TBD
UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION	TBD



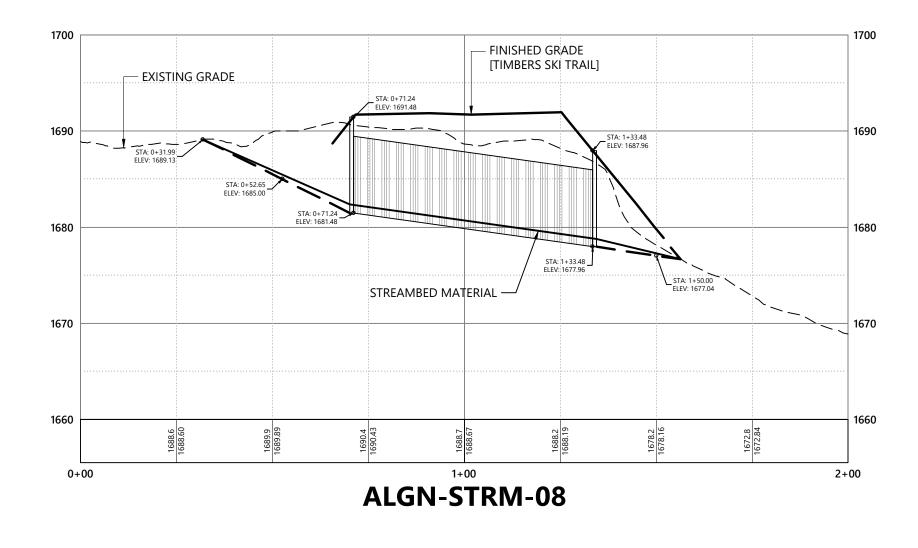


Ð	Vert. Horiz.		5	10 25		20 Feet 50 Feet	
We	Sugarloaf Mtn Corp West Mountain						
•	ansic						
	Access I bassett		ME	049	47		
No. Re	vision	-			Date	Appvd.	
Designed by	RWN				Checked by	, PS	
Issued for				Sonto	Date	23, 2021	
Revie	evv			Septer		-5, 2021	
Not Fo	or Constru	ction					
Stre	am Cr	ossir	ng	Plar	n an	d	
Prof	file						
			Dra	wing Numb	er		
	TEOFA	AINE	(G	-2	.07	
ŝ/	PETER B SMIAR			U		.01	
PRO	No. 16994		She	et	of	58	
	SONAL E						
1	de X	$\overline{\mathbf{u}}$		ject Numbe			
V-				2310.0	•		

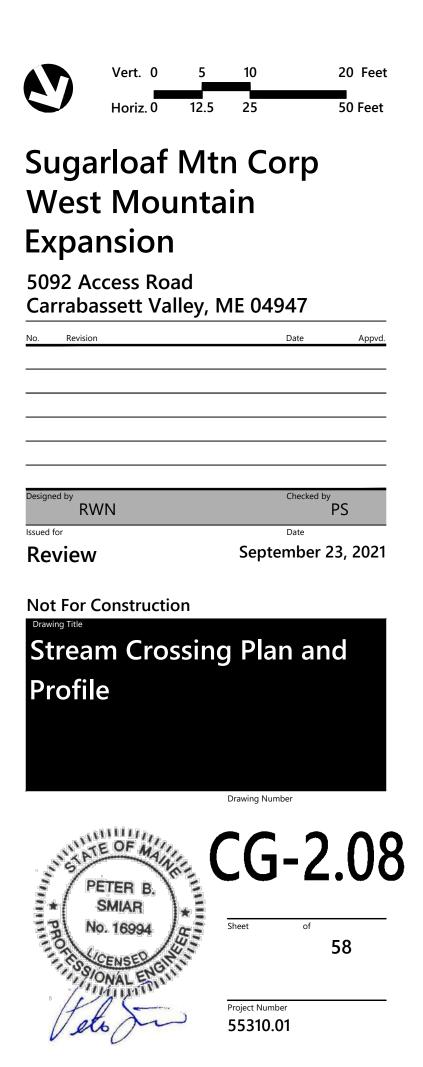


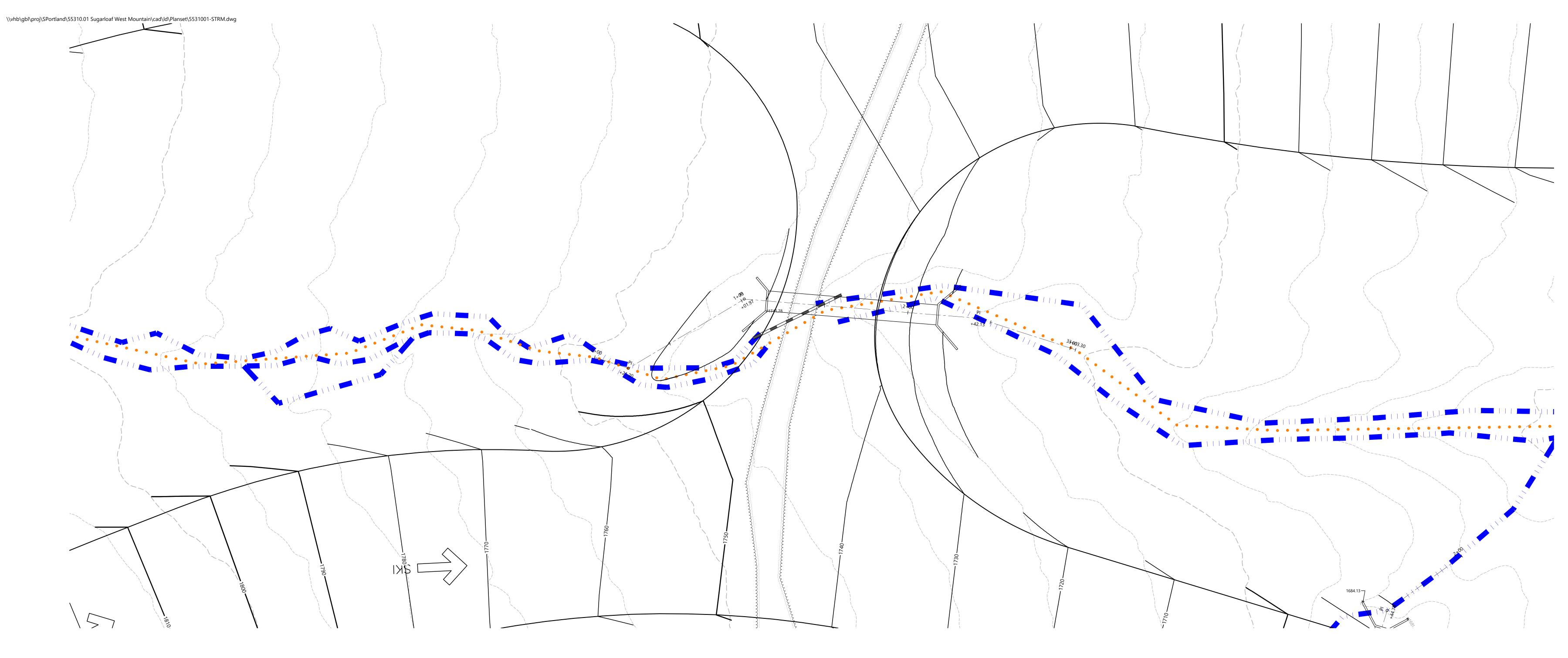
SINGLE RADIUS ARCH

PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	62.24± Feet
PIPE DIMENSIONS	8' SPAN X 4.2' RISE
UPSTREAM INVERT	1681.48± Feet
DOWNSTREAM INVERT	1677.96± Feet
SLOPE	0.06 FT/FT
WINGWALLS	TBD
UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION	TBD



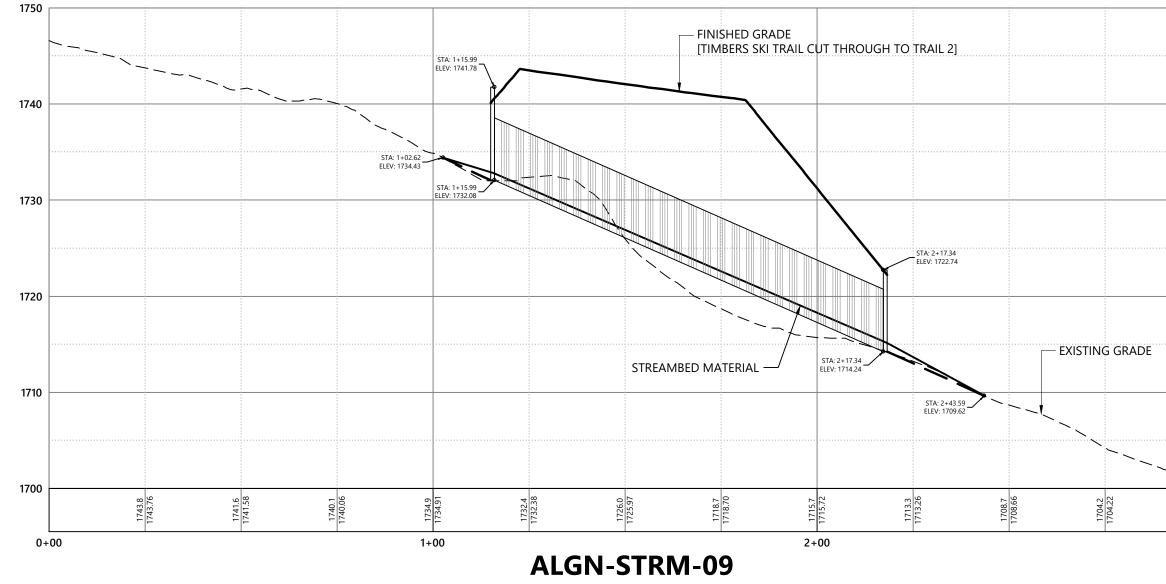






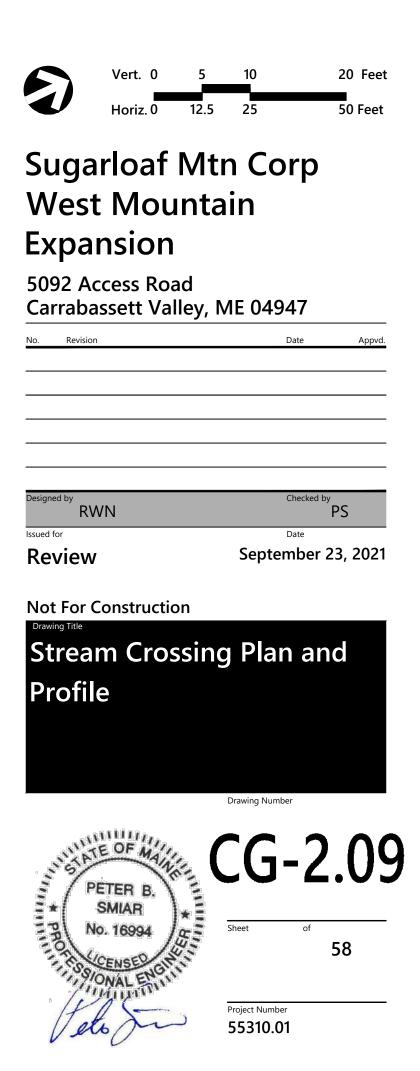
SINGLE RADIUS ARCH

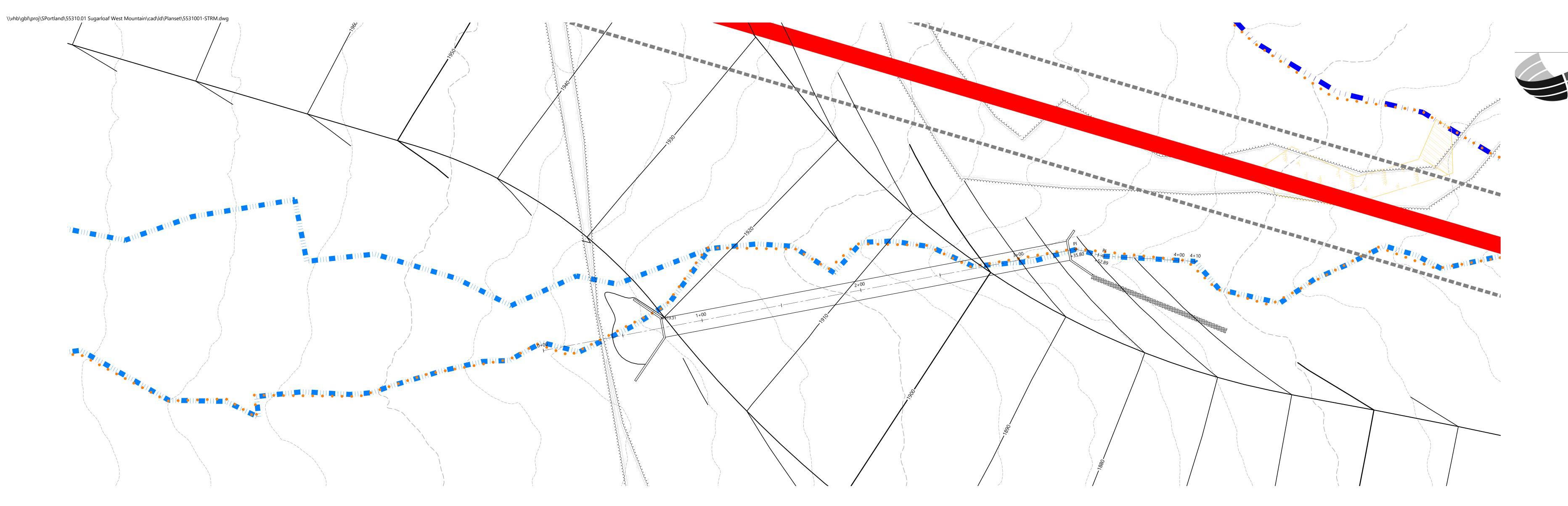
PIPE LENGTH 101.35± Feet PIPE DIMENSIONS 12' SPAN X 6.5' RISE UPSTREAM INVERT 1732.08± Feet DOWNSTREAM INVERT 1714.24± Feet SLOPE 0.18 FT/FT WINGWALLS TBD	PIPE MATERIAL	TBD
PIPE DIMENSIONS 12' SPAN X 6.5' RISE UPSTREAM INVERT 1732.08± Feet DOWNSTREAM INVERT 1714.24± Feet SLOPE 0.18 FT/FT WINGWALLS TBD	PIPE GAGE	TBD
JPSTREAM INVERT1732.08± FeetDOWNSTREAM INVERT1714.24± FeetSLOPE0.18 FT/FTWINGWALLSTBD	PIPE LENGTH	101.35± Feet
DOWNSTREAM INVERT1714.24 ± FeetSLOPE0.18 FT/FTWINGWALLSTBD	PIPE DIMENSIONS	12' SPAN X 6.5' RISE
SLOPE 0.18 FT/FT WINGWALLS TBD	UPSTREAM INVERT	1732.08± Feet
WINGWALLS TBD	DOWNSTREAM INVERT	1714.24± Feet
	SLOPE	0.18 FT/FT
JPSTREAM ENDWALL DIMENSION TBD	WINGWALLS	TBD
	UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION TBD	DOWNSTREAM ENDWALL DIMENSION	TBD





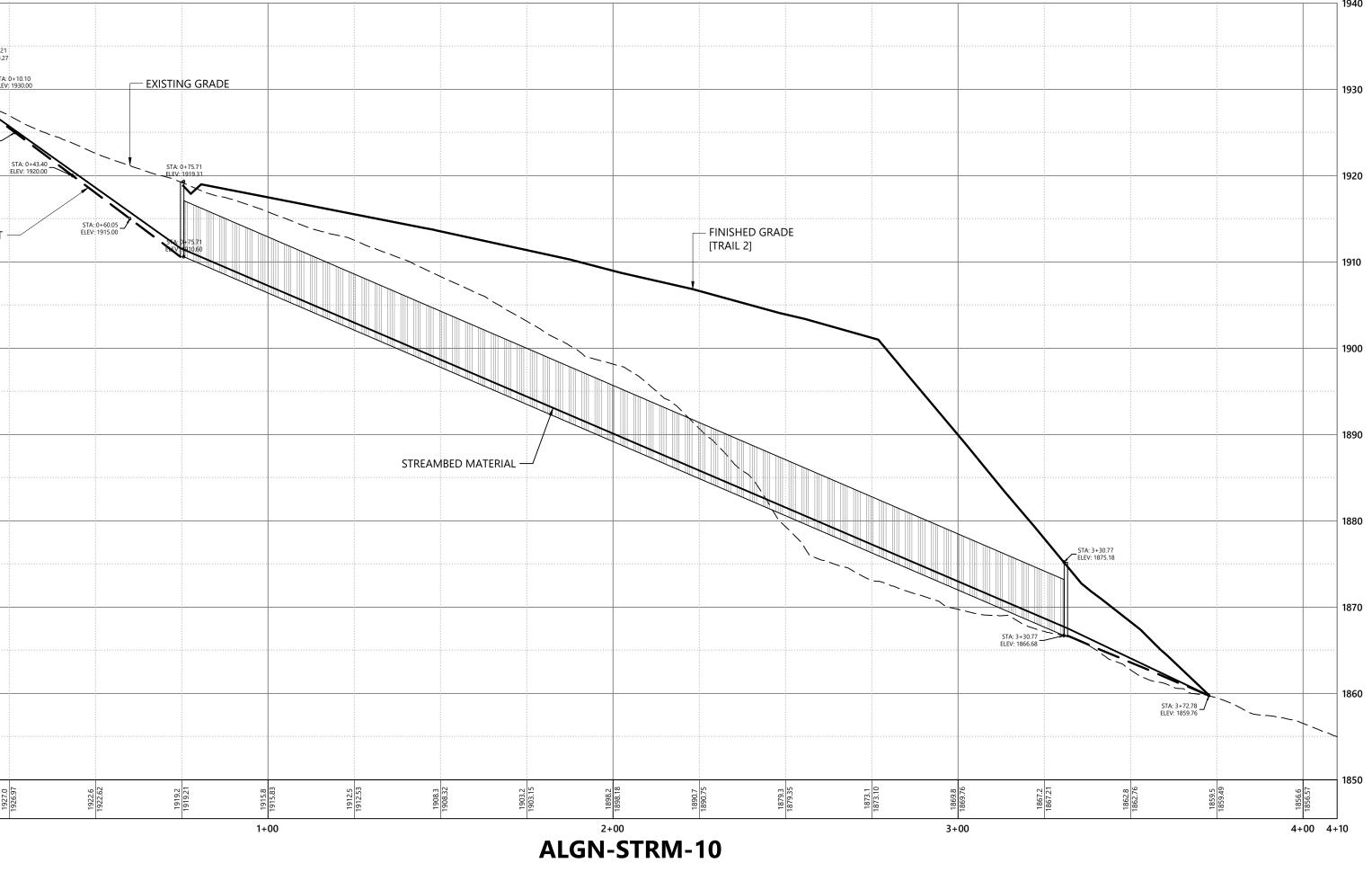






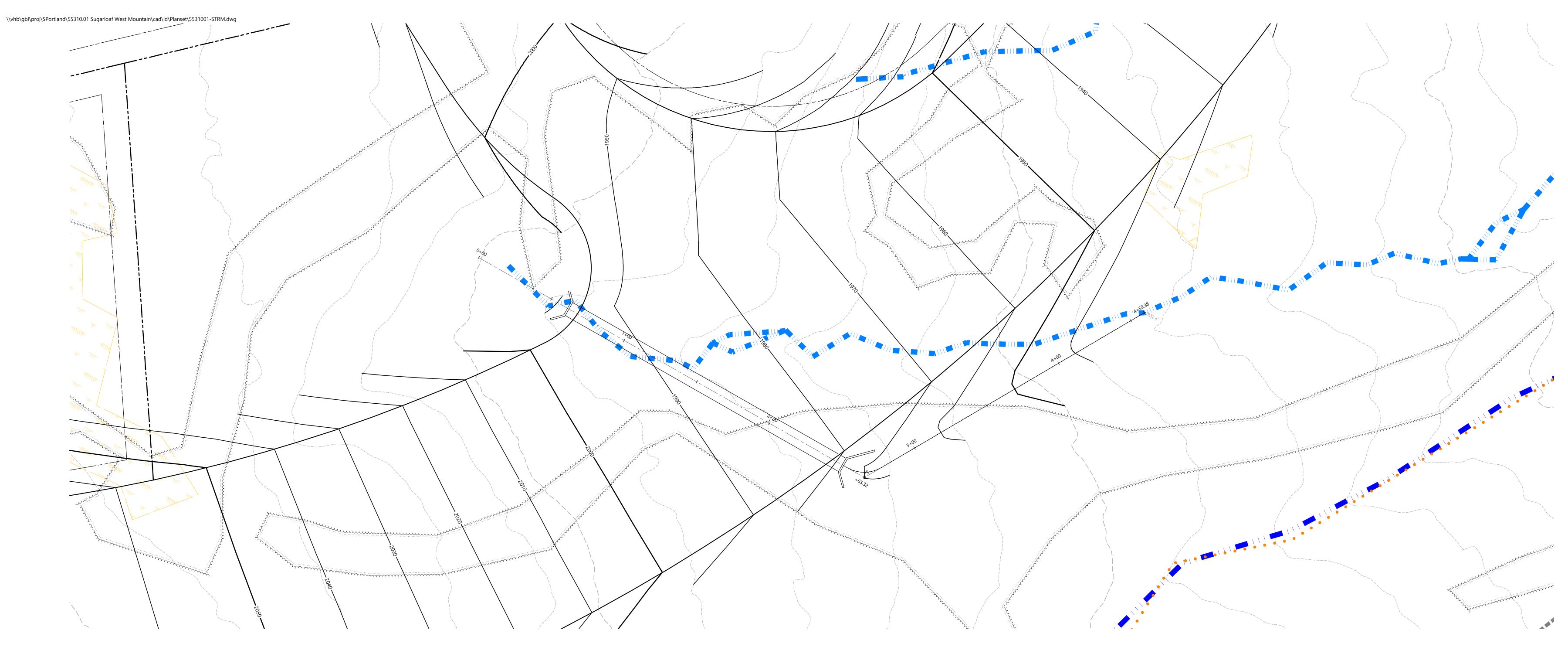
SINGLE RADIUS ARCH

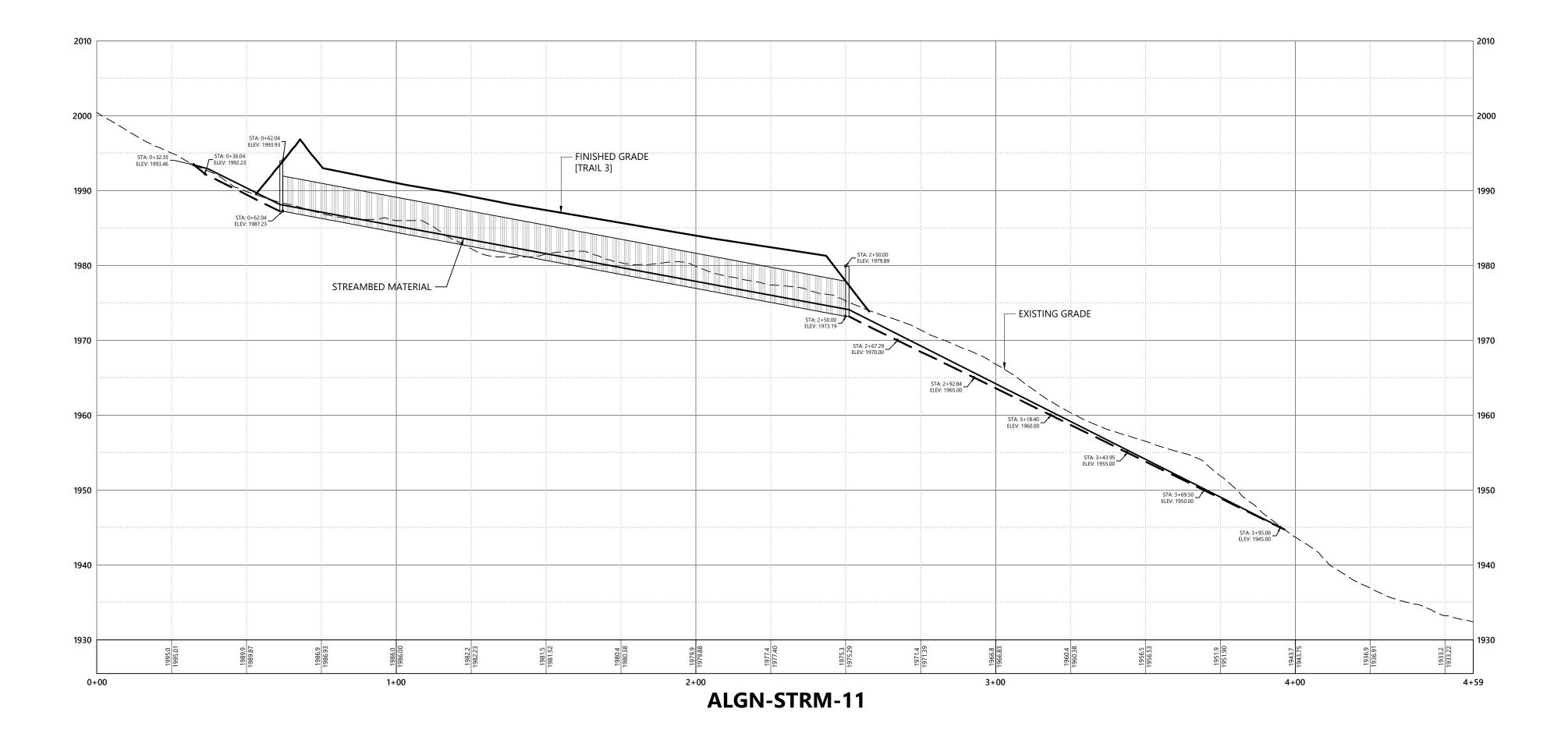
PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	255.06± Feet
PIPE DIMENSIONS	12' SPAN X 6.5' RISE
UPSTREAM INVERT	1910.60± Feet
DOWNSTREAM INVERT	1866.68± Feet
SLOPE	0.17 FT/FT
WINGWALLS	TBD
UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION	TBD





Ð	Vert. 0 Horiz.0	5 12.5	10 25	20 Feet 50 Feet			
	Sugarloaf Mtn Corp West Mountain						
Expai	nsion						
	cess Roa ssett Val		1E 0494	47			
No. Revision			[Date Appvd.			
Designed by	/N		(Checked by PS			
Issued for Review				Date nber 23, 2021			
ite view			•				
Drawing Title	Constructio						
Strea	m Cros	ssing	Plar	and			
Profile	e		Drawing Numbe	r			
5* (+	E OF MANNE ETER B. SMIAR D. 16994	×	CG	- 2.1 C			
Jet et	CENSED OF		Project Number 55310.01	58			





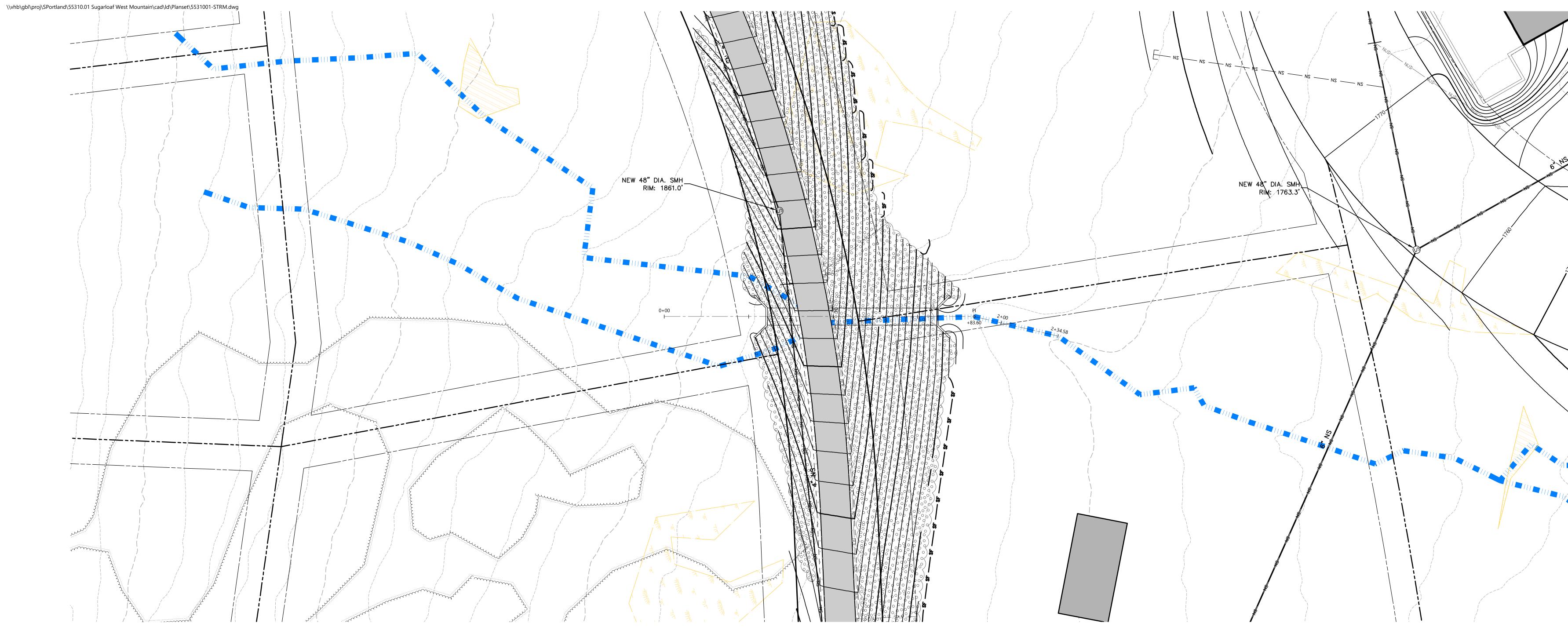
SINGLE RADIUS ARCH

PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	187.96± Feet
PIPE DIMENSIONS	9' SPAN X 4.7' RISE
UPSTREAM INVERT	1987.23± Feet
DOWNSTREAM INVERT	1973.19± Feet
SLOPE	0.07 FT/FT
WINGWALLS	TBD
UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION	TBD



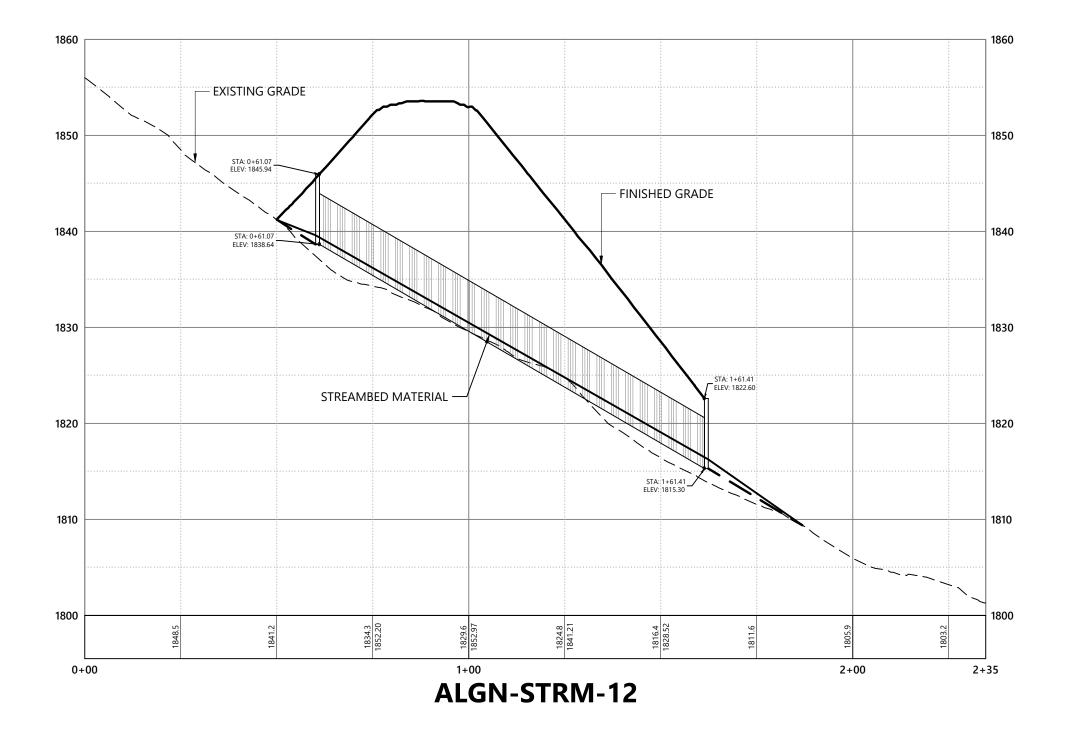
7	Vert. 0 Horiz.0	5 12.5	10 25	20 Feet 50 Feet			
West	Sugarloaf Mtn Corp West Mountain						
Expa	nsion						
	cess Roa ssett Va		/IE 0494	17			
No. Revision			D	ate Appvd.			
Designed by	/N		C	hecked by PS			
Issued for Review				ate ber 23, 2021			
Drawing Title	Construction m Cros	-	g Plan				
<u>a</u> t i	E OF MAIN ETER B. SMIAR D. 16994 CENSED DNAL ENGLAND		Sheet Project Number 55310.01	-2.11 of 58			





SINGLE RADIUS ARCH

PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	100.34± Feet
PIPE DIMENSIONS	10' SPAN X 5.3' RISE
UPSTREAM INVERT	1838.64± Feet
DOWNSTREAM INVERT	1815.30± Feet
SLOPE	0.23 FT/FT
WINGWALLS	TBD
UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION	TBD



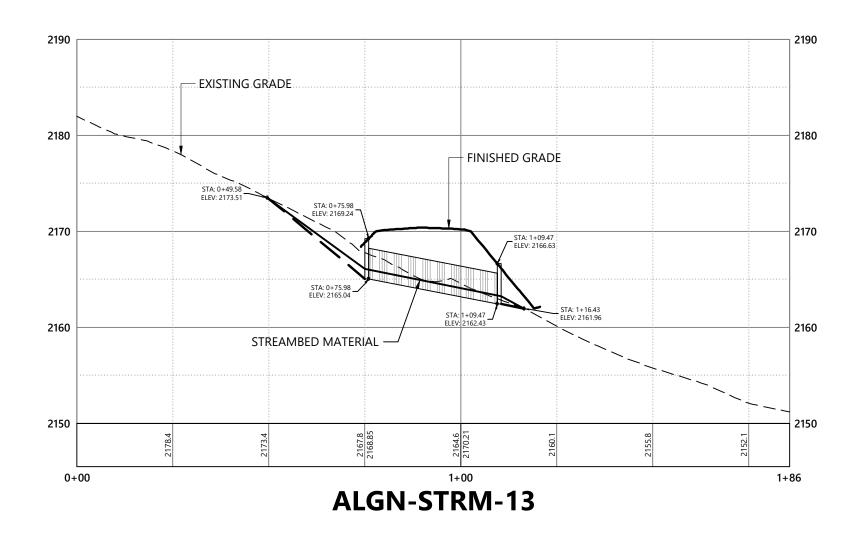


Ð	Vert. 0 Horiz.0	5 12.5	10 25	20 Feet 50 Feet	
Suga West	Mou			rp	
5092 Ac Carrabas	cess Roa		1E 0494	17	
No. Revision			C	ate Appvd.	
Designed by			(hecked by	
RW Issued for Review	'N			PS nate nber 23, 2021	
Drawing Title	onstruction n Cros	sing	Plan		
	TER B. SMIAR 16994 ENSEQ OF WAL ENGINE	* 19/10	Sheet Project Number 55310.01	-2.12 of 58	



SINGLE RADIUS ARCH

PIPE MATERIAL	TBD
PIPE GAGE	TBD
PIPE LENGTH	33.49± Feet
PIPE DIMENSIONS	6' SPAN X 3.2' RISE
UPSTREAM INVERT	2165.04± Feet
DOWNSTREAM INVERT	2162.43± Feet
SLOPE	0.08 FT/FT
WINGWALLS	TBD
UPSTREAM ENDWALL DIMENSION	TBD
DOWNSTREAM ENDWALL DIMENSION	TBD





7	Vert. 0 Horiz.0	5 12.5	10 25	20 Feet 50 Feet
	rloaf t Mou			γp
Ехра	nsion			
	ccess Roa assett Val		1E 0494	7
No. Revision	n	-	Da	ate Appvd.
Designed by	VN		CI	necked by PS
Issued for Review	,			ate Iber 23, 2021
Drawing Title	Construction m Cros e	ssing	Plan	and
3*	ETER B. SMIAR 0. 16994 CENSEO ONAL ENGINE	Villinus	Sheet Project Number 55310.01	-2.13

Construction Sequence

- 1. SURVEY AND STAKE LIMITS OF CLEARING AND GRUBBING.
- 2. SURVEY AND STAKE (50 FT OC) LIMITS OF CLEARING AND DISTURBANCE.
- 3. INSTALL TEMPORARY EROSION CONTROL MEASURES (SILT FENCING, SILTSOCKS, CONSTRUCTION EXITS, ETC.).
- 4. CLEAR AND GRUB WITHIN LIMIT OF ACCESS ROAD. LIMITS OF CLEARING INDICATE AREAS WHERE TREES WILL BE CUT AND STUMPS WILL REMAIN IN THE GROUND.
- 5. STRIP LOAM AND PAVEMENT OR RECLAIM EXISTING PAVEMENT WITHIN LIMITS OF WORK AND STOCKPILE EXCESS MATERIAL.
- 6. CONSTRUCT TEMPORARY SEDIMENTATION BERMS AS REQUIRED.
- 7. INSTALL DRAINAGE SYSTEM, AND OTHER UTILITIES IN ACCORDANCE WITH THE PLANS AND DETAILS.
- 8. PERFORM FINAL / FINE GRADING INCLUDING SLOPE STABILIZATION BLANKETS.
- 9. PERFORM ALL REMAINING SITE CONSTRUCTION. (I.E. CONCRETE AND GRAVEL AREAS).
- 10. LOAM AND SEED ALL DISTURBED AREAS.
- 11. REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER FINAL SURFACING IS INSTALLED; AND LANDSCAPING AREAS ARE ESTABLISHED AND STABILIZED.
- 12. CLEAN ALL DRAINAGE BASINS, STRUCTURES, PIPES, AND SUMPS WITHIN THE PROJECT LIMITS OF ALL SILT AND DEBRIS. General
- 1. CONTRACTOR SHALL READ, BE FAMILIAR WITH, AND SHALL FOLLOW THE MAINE EROSION AND SEDIMENT CONTROL BMPS MANUAL (LATEST EDITION) AND MAINE EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONTRACTORS (LATEST EDITION); AND SHALL BE ACCOUNTABLE TO THE THIRD PARTY INSPECTOR FOR THE PROJECT AND THE MAINE DEP IN ACCORDANCE WITH MAINE DEP REGULATIONS.
- . PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL TEMPORARY EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- 3. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
- 4. MINIMUM TEMPORARY AND PERMANENT EROSION AND SEDIMENTATION CONTROL MEASURES ARE SHOWN ON THE EROSION AND SEDIMENTATION CONTROL PLAN. THE CONTRACTOR SHALL ADHERE TO THE MINIMUM PROVISIONS SHOWN. ADDITIONALLY, TEMPORARY MEASURES SHALL BE SELECTED AND CONSTRUCTED BY THE CONTRACTOR IN CONSULTATION WITH THE ENGINEER TO ACCOMMODATE CHANGING FIELD CONDITIONS THAT DEVELOP DURING CONSTRUCTION.
- . PUMPED WATER FROM DEWATERING ACTIVITIES SHALL BE DISCHARGED INTO SETTLING BASINS, FILTER BAGS OR OTHER APPROVED METHODS PRIOR TO DISCHARGE INTO THE ON-SITE STORMWATER MANAGEMENT SYSTEM. ALL WATER FROM DEWATERING ACTIVITIES SHALL BE RECHARGED ON-SITE OR DIRECTED TO THE DETENTION BASIN FOR DISCHARGE.
- 6. NO MORE THAN 1 ACRE SHOULD BE UNSTABILIZED AT ONE TIME WITHOUT REGULAR INSPECTION OR LIMITED TO AN AREA THAT CAN BE MULCHED IN ONE DAY. Seeding/Mulching
- 1. FERTILIZER, SUPERPHOSPHATE, AND LIME SHALL BE APPLIED AT RATES RECOMMENDED BY THE TESTING AGENCY AND
- APPROVED BY THE ENGINEER. 2. PERMANENT SEED SHALL BE SUPPLIED IN THE FOLLOWING PROPORTIONS AND APPLIED AT A RATE OF FIVE POUNDS PER 1,000 SF: SEED TYPE (% PROPORTION/% GERMINATION MIN./% PURITY MIN.) CREEPING FESCUE (50/85/95)
- KENTUCKY BLUEGRASS (40/85/90) MANHATTAN PERENNIAL RYE (10/90/95)
- 3. AREA OF STORMWATER POND BERMS AND SKI TRAILS SHALL BE PLANTED WITH A MEADOW SEED MIX AND NOT MOWED MORE THAN TWICE A YEAR. CONTRACTOR TO PROVIDE FINAL MEADOW SEED MIX TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
- 4. TEMPORARY SEED SHALL BE SUPPLIED IN THE FOLLOWING PROPORTIONS AND APPLIED AT A RATE OF 100 POUNDS PER ACRE: SEED TYPE (% WEIGHT MIN./% GERMINATION MIN.) WINTER RYE (80/85)
- RED FESCUE CREEPING (4/80) PERENNIAL RYE GRASS (3/90)

RED CLOVER (3/90)

- 5. MULCH SHALL BE APPLIED TO AREAS IMMEDIATELY AFTER THEY HAVE BEEN SEEDED. MULCH SHALL CONSIST OF HAY, STRAW, HYDRO-MULCH, EROSION CONTROL BLANKETS, EROSION CONTROL MIX OR APPROVED EQUAL.
- 6. HAY OR STRAW MULCH SHALL BE AIR-DRIED: AND FREE OF UNDESIRABLE SEEDS AND COARSE MATERIALS. MULCH SHALL BE APPLIED AT A MINIMUM RATE OF 75 LB PER 1,000 SF. MULCH SHALL BE ANCHORED WITH NETTING WHEN APPLIED TO SLOPES LESS THAN THAN 15 PERCENT.
- 7. EROSION CONTROL BLANKETS SHALL BE PROVIDED ON ALL SLOPES STEEPER THAN OF 1-FOOT RISE TO 3-FEET HORIZONTAL. BLANKETS SHALL BE SCI5O BN (NORTH AMERICAN GREEN); CURLEX BLANKETS (AMERICAN EXCELSIOR COMPANY); POLYJUTE STYLE 465 GT (SYNTHETIC INDUSTRIES); OR APPROVED EQUIVALENT. BLANKETS SHALL BE SECURED AS RECOMMENDED BY THE MANUFACTURER.
- 8. EROSION CONTROL MIX SHALL MEET THE FOLLOWING STANDARDS: A. ORGANIC MATTER CONTENT SHALL BE BETWEEN 80%-100%, DRY WEIGHT BASIS,
- B. PARTICLE SIZE BY WEIGHT: 100% PASSING THE 6" SCREEN 70% TO 85% PASSING THE 0.75" SCREEN C. ORGANIC PORTION SHALL BE FIBROUS AND ELONGATED
- D. SOLUBLE SALTS CONTENT SHALL BE < 4.0 MMHOS/CM, AND E. pH SHALL BE BETWEEN 5.0 AND 8.0.
- **Temporary Erosion Control Measures**
- . CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM AMOUNT OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION. AREAS REMAINING UNSTABILIZED FOR A PERIOD OF MORE THAN 15 DAYS SHALL BE TEMPORARILY MULCHED. TOTAL EXPOSED AREAS SHALL BE LIMITED TO NO MORE THAN CAN BE MULCHED IN ONE DAY.
- 2. TEMPORARY MULCH SHALL BE APPLIED TO UNSTABILIZED AREAS WITHIN 100-FT OF STREAMS, WETLANDS, AND OTHER WATER RESOURCES WITHIN 7 DAYS OF EXPOSING SOIL AND PRIOR TO ANY STORM EVENT.
- 3. DUST SHALL BE CONTROLLED THROUGH THE USE OF WATER.
- 4. CONTRACTOR SHALL PROVIDE TEMPORARY SILTATION/DEWATERING BASINS, IF NECESSARY AND/OR AS DIRECTED BY THE ENGINEER, TO CONTROL SEDIMENTATION AND STORMWATER RUNOFF DURING THE CONSTRUCTION PERIOD. CONTRACTOR SHALL SUBMIT PROPOSED BASIN LOCATIONS, DESIGNS, ETC. TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.
- 5. EARTH MATERIAL STOCKPILES SHALL BE LOCATED IN AREAS THAT HAVE A MINIMUM POTENTIAL FOR EROSION AND KEPT AS FAR AWAY AS POSSIBLE FROM EXISTING DRAINAGE COURSES, PROTECTED NATURAL RESOURCES, TREE DRIP LINES AND OUTSIDE OF THE 100-YEAR FLOOD PLAIN. SEDIMENT BARRIERS SHALL BE INSTALLED DOWNGRADIENT OF STOCKPILES. STORMWATER SHOULD BE DIRECTED AWAY FROM STOCKPILE LOCATIONS.

PROTECTED BY STONE.

- GREATER THAN 3:1.

INCHES LOAM AND SEEDED.

Winter Construction

- NOT BE APPLIED OVER SNOW.
- APPLICATION.
- 6. A DOUBLE ROW OF SEDIMENT BARRIERS SHALL BE INSTALLED WITHIN 75 FEET OF A PROTECTED NATURAL RESOURCE.
- ANCHORED WITH EROSION CONTROL BLANKETS.
- PROTECTION.
- Site Inspection & Maintenance
- AFTER EACH STORM EVENT.
- THE SOIL SURFACE IS COVERED WITH MULCH.
- DAMAGE, TORN, ETC.
- SHALL BE RE-INSTALLED.
- REPLACED.
- DRAINAGE SYSTEMS.
- THE OWNER.

6. REPAIR, CLEAN, AND REPLACE ANY SEDIMENT CONTROLS DAMAGED DURING AND/OR AFTER RAINFALL EVENTS. 7. EROSION CONTROL BLANKETS SHALL BE PLACED IN THE FLOW LINE OF ALL VEGETATED SWALES NOT OTHERWISE

8. EROSION CONTROL BLANKETS OR NETTING OVER LOOSE MULCH SHALL BE APPLIED TO ALL VEGETATED SLOPES

9. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:

A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED; B. A MINIMUM OF 90% VEGETATED GROWTH HAS BEEN ESTABLISHED;

C. A MINIMUM OF 3-INCHES OF NON-EROSIVE MATERIAL, SUCH AS STONE OR RIPRAP, HAS BEEN INSTALLED; D. EROSION CONTROL BLANKETS OR EROSION CONTROL MIX HAVE BEEN PROPERLY INSTALLED.

Permanent Erosion Control Measures

1. THE CONTRACTOR SHALL SUBMIT A WRITTEN MANUAL, PREPARED FOR THE OWNER, THAT OUTLINES A SCHEDULE FOR PROPER MAINTENANCE OF THE LAWNS. THIS SCHEDULE SHOULD INCLUDE TIMING AND METHODS FOR MOWING, WATERING, AERATION, FERTILIZATION, LIMING, AND OTHER LAWN MAINTENANCE OPERATIONS. 2. SEEDING SHALL BE DONE BETWEEN APRIL 1 TO JUNE 1, OR BETWEEN AUGUST 15 TO OCTOBER 15. 3. ALL DISTURBED AREAS NOT COVERED BY BUILDINGS, PAVING, OR OTHERWISE DEVELOPED, SHALL BE COVERED WITH 6

1. WINTER CONSTRUCTION PERIOD: OCTOBER 15 THRU APRIL 15.

2. WINTER EXCAVATION AND EARTHWORK SHALL BE COMPLETED SUCH THAT A MAXIMUM OF 1 ACRE OF THE SITE IS UNSTABILIZED AT ANY ONE TIME OR LIMITED TO AN AREA THAT CAN BE MULCHED IN ONE DAY. 3. HAY AND STRAW MULCH SHALL BE APPLIED AT A RATE OF 150 LB PER 1,000 SF OR 3 TONS/ACRE. MULCH SHALL BE APPLIED AND ANCHORED SO THAT THE GROUND SURFACE IS NOT VISIBLE THROUGHOUT THE MULCH. MULCH SHALL

4. MULCH SHALL NOT BE APPLIED WHERE THE SNOW DEPTH EXCEEDS ONE INCH. SNOW SHALL BE REMOVED PRIOR TO

5. EROSION CONTROL BLANKETS SHALL BE APPLIED TO ALL VEGETATED SLOPES GREATER THAN 3:1.

7. DURING PERIODS WHEN TEMPERATURES ARE ABOVE FREEZING, AREAS SHALL BE FINE GRADED AND PROTECTED WITH EITHER MULCH; OR TEMPORARILY SEEDED AND MULCHED UNTIL THE FINAL TREATMENT CAN BE APPLIED. 8. AFTER NOVEMBER 1 EXPOSED AREAS THAT HAVE BEEN LOAMED AND FINAL GRADED MAY BE DORMANT SEEDED AT A RATE OF 3 TIME THE PERMANENT SEED RATE AFTER THE FIRST KILLING FROST AND OVERWINTER MULCHED OR

9. WINTER INSPECTIONS SHALL BE PERFORMED ONE A WEEK AND AFTER EACH RAINFALL, SNOWSTORM, OR THAW FOR VEGETATION GROWTH, EROSION, AND MAINTENANCE NEEDS.

A. ALL AREAS INSUFFICIENTLY VEGETATED (LESS THAN 75% CATCH) SHALL BE STABILIZED FOR OVERWINTER

1. CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS AND BEFORE AND

2. CONTRACTOR SHALL MAINTAIN WRITTEN INSPECTION AND MAINTENANCE LOGS FOR THE EROSION CONTROL MEASURES FOR THE DURATION OF THE CONSTRUCTION PERIOD. LOGS SHALL BE MADE AVAILABLE TO THE OWNER, ENGINEER, MUNICIPALITY, AND MAINE DEP UPON REQUEST.

3. <u>TEMPORARY MULCHING</u>: ADDITIONAL MULCH SHALL BE IMMEDIATELY APPLIED TO AREAS WHERE LESS THAN 90% OF

4. CATCH BASIN/SILT SACK SEDIMENT TRAPS: SEDIMENT SHALL BE REMOVED FROM TRAPS WHEN ACCUMULATION DEPTH IS GREATER THAN OR EQUAL TO 1/2 THE DESIGN DEPTH OF THE TRAP. TRAPS SHALL BE REPLACED IF THE ARE

5. <u>SILTSOCK BARRIERS, SILT FENCE BARRIERS, AND STONE CHECK DAMS</u>: SILTSOCK BARRIERS, SILT FENCE, AND STONE CHECK DAMES SHALL BE REPAIRED IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION BELOW THEM. SEDIMENT TRAPPED BEHIND BARRIERS/CHECK DAM SHALL BE REMOVED WHEN SEDIMENT DEPTH REACHES 6 INCHES. BARRIERS SHALL BE REPLACES WITH A TEMPORARY CHECK DAM IF THERE ARE SIGNS OF UNDERCUTTING OR IMPOUNDING LARGE VOLUMES OF WATER BEHIND THEM.

6. <u>EROSION CONTROL BLANKETS</u>: IF WASHOUTS OR BREAKAGE OCCURS, SLOPES SHALL BE REPAIRED, AND BLANKETS

7. STABILIZED CONSTRUCTION EXITS: EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. IF EXIT BECOMES INEFFECTIVE IT SHALL BE RECONSTRUCTED AND/OR

8. <u>TEMPORARY SEDIMENTATION/DEWATERING BASINS</u>: SEDIMENT IN TEMPORARY BASINS SHALL BE REMOVED AS NECESSARY DEPENDING ON THEIR USE AND DESIGN.

9. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE

10. LONG-TERM MAINTENANCE OF THE PERMANENT EROSION CONTROL MEASURES SHALL BE THE RESPONSIBILITY OF



500 Southborough Drive Suite 105B South Portland, ME 04106 207.889.3150

Sugarloaf Mtn Corp West Mountain Expansion

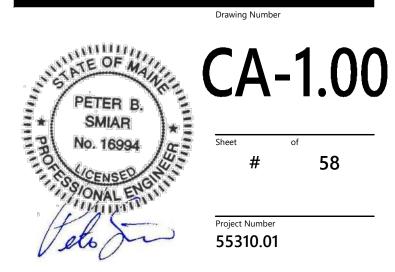
5092 Access Road Carrabassett Valley, ME 04947 o. Revision

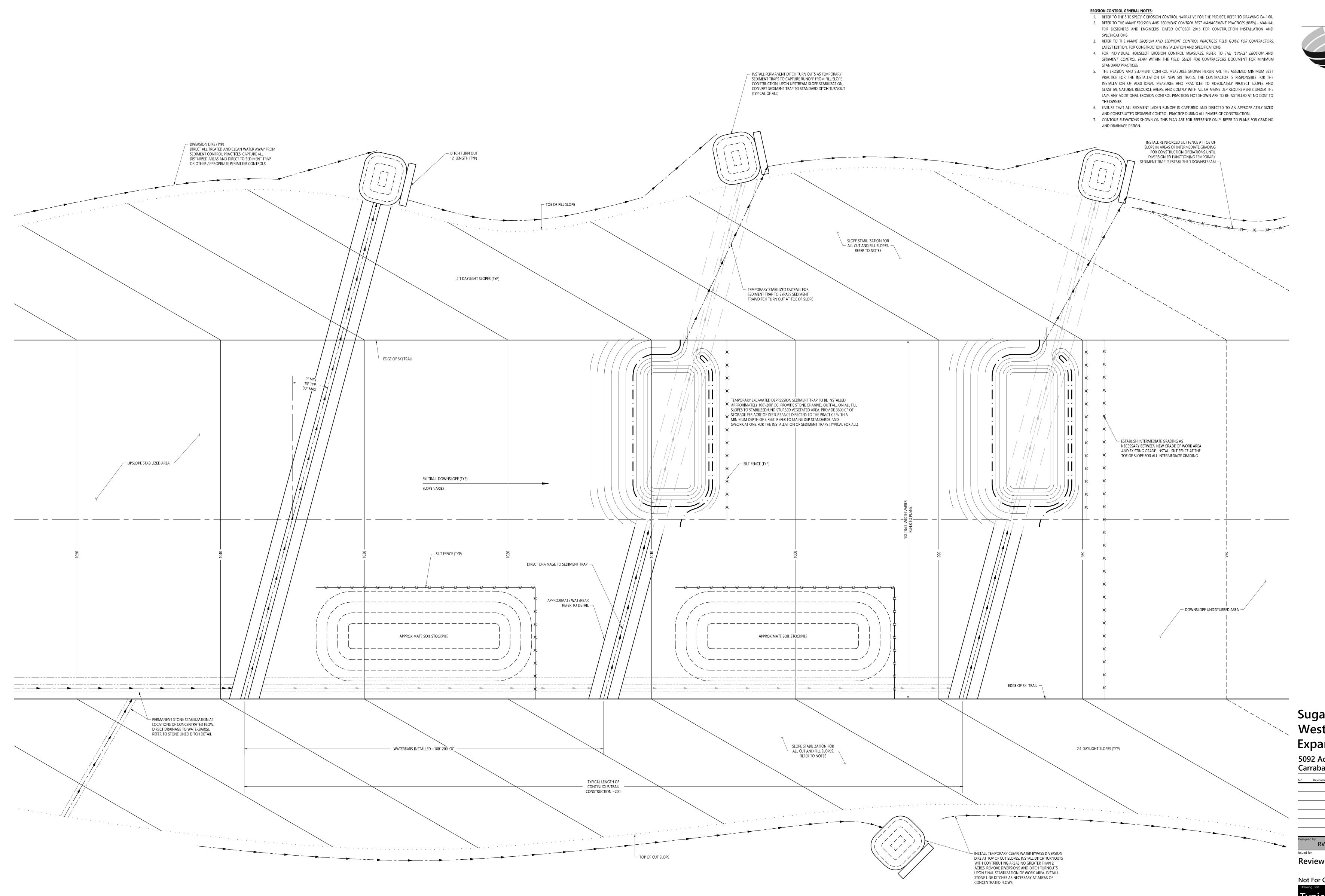
RWN Issued for

Review

PS Date September 23, 2021

Not For Construction **Erosion and Sediment Control Narrative**







Sugarloaf Mtn Corp West Mountain Expansion

5092 Access Road Carrabassett Valley, ME 04947

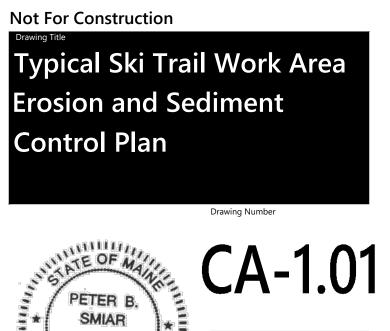
Designed by	RWN		
ssued for			
• •			C

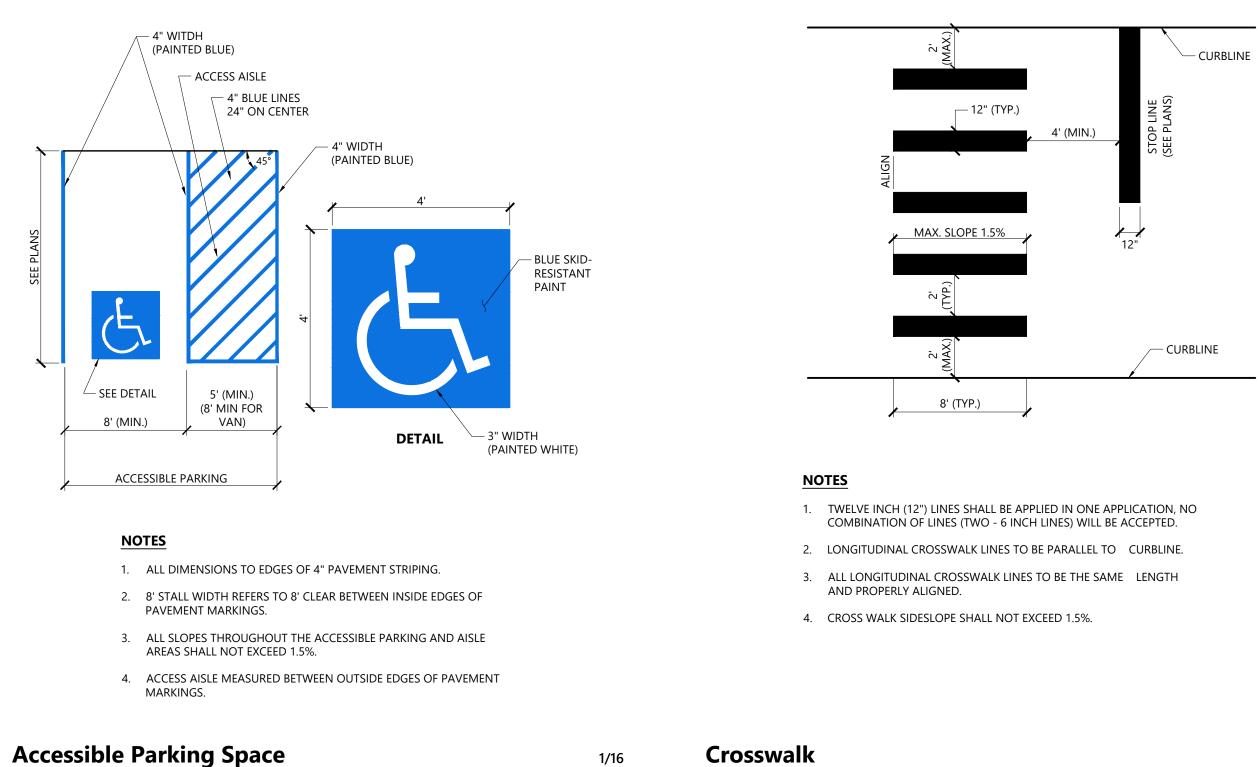
Veto Su

Date Date September 23, 2021

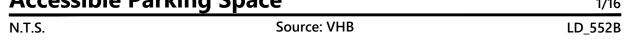
58

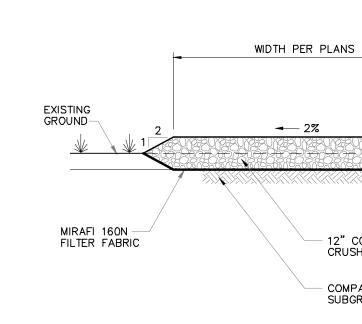
Project Number **55310.01**



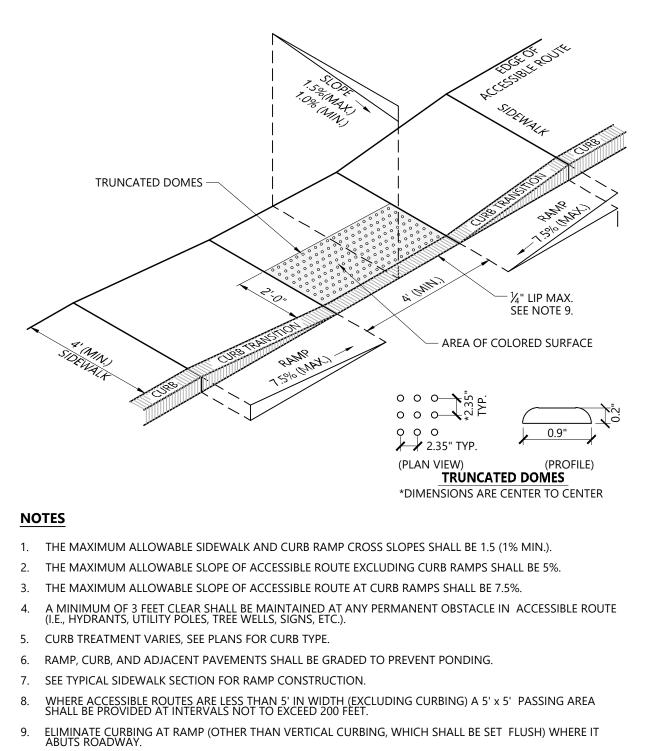


N.T.S.







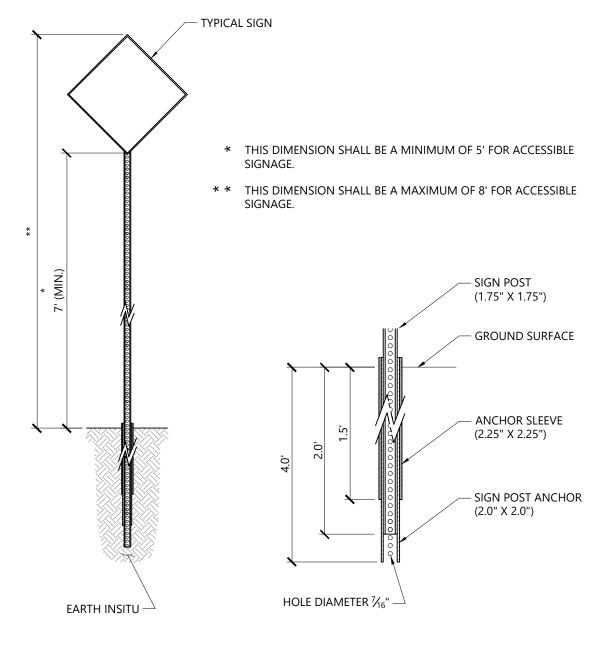


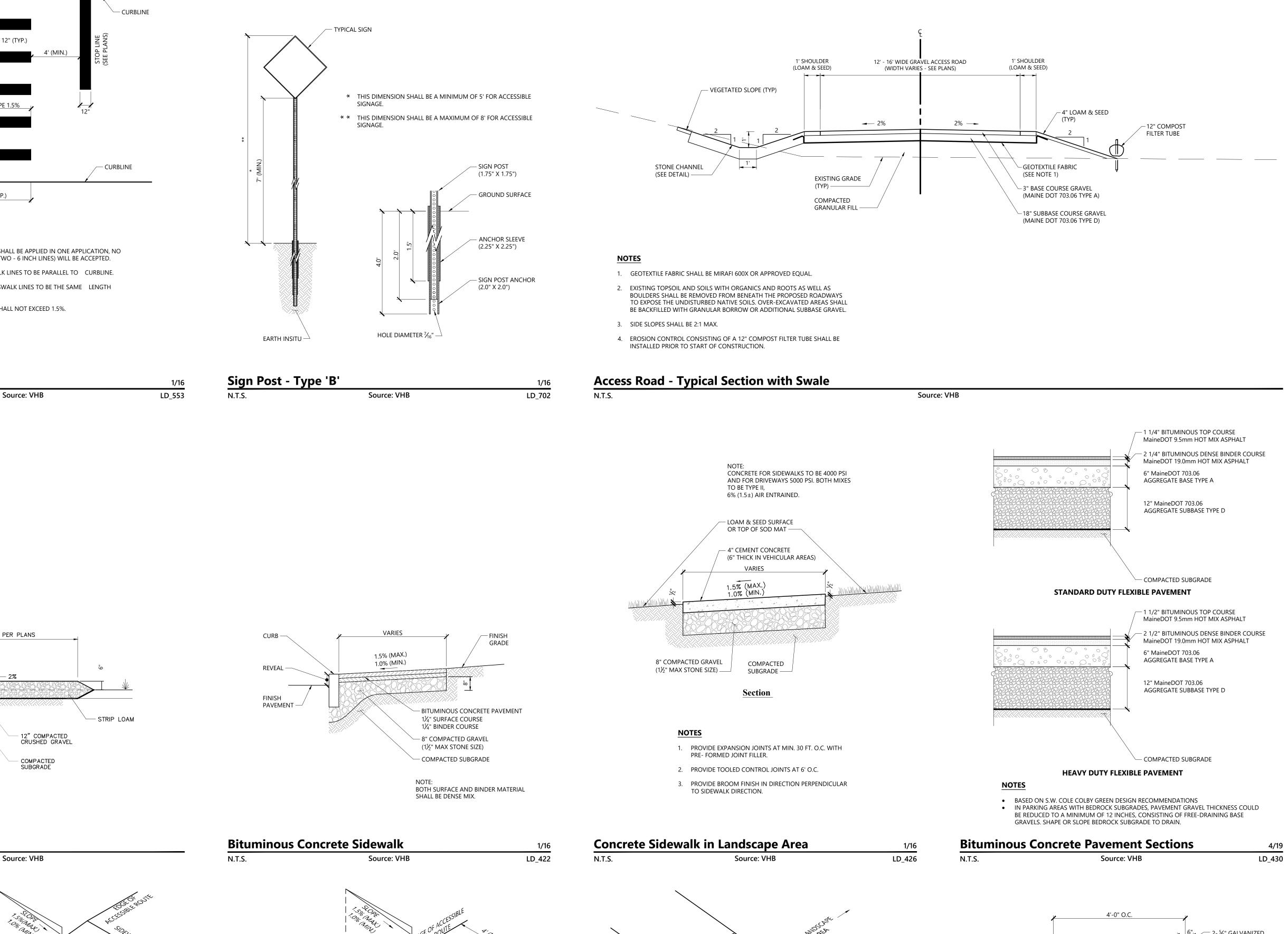
Source: VHB

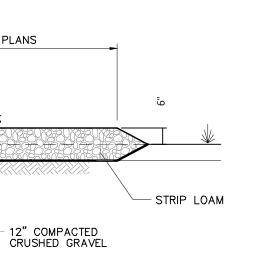
1.	THE MAXIMUM ALLOWABLE SIDEWALK AND CURB
С	

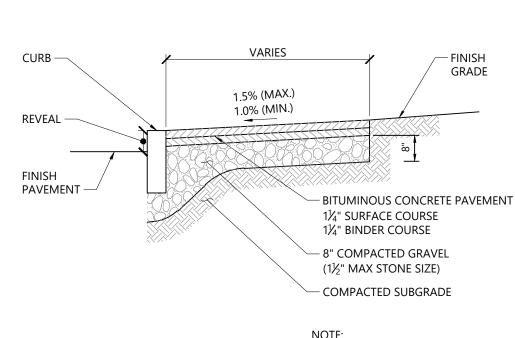
- 10. DETECTABLE WARNINGS SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES. 11. DETECTABLE WARNINGS SHALL BE INSTALLED PERPENDICULAR TO ACCESSIBLE ROUTE.

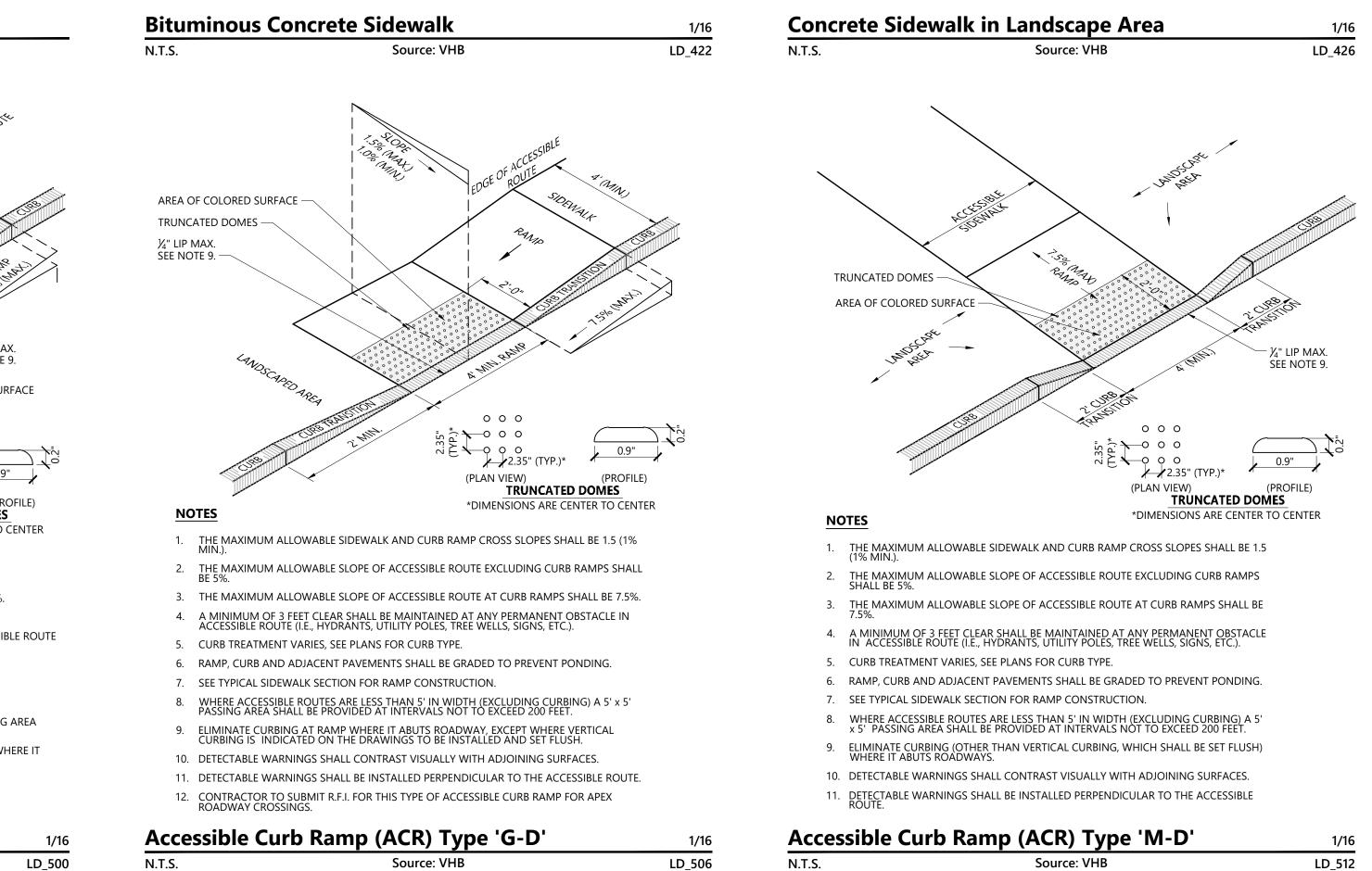
Accessible Curb Ramp (ACR) Type 'A-D' N.T.S. Source: VHB

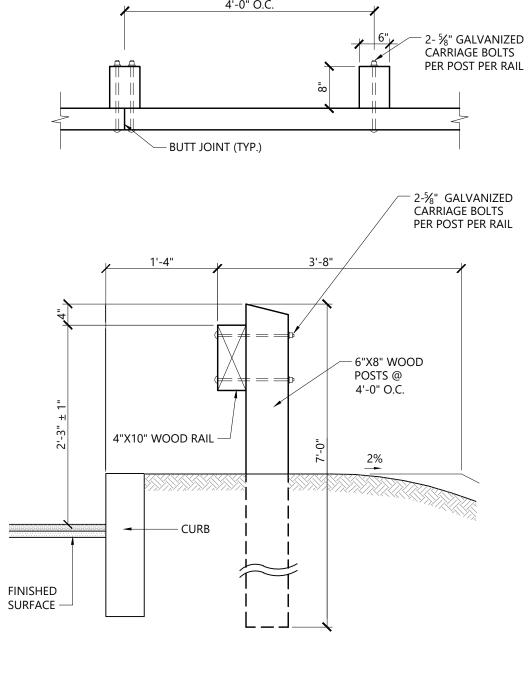












Wood Guardrail N.T.S.



500 Southborough Drive Suite 105B South Portland, ME 04106 207.889.3150

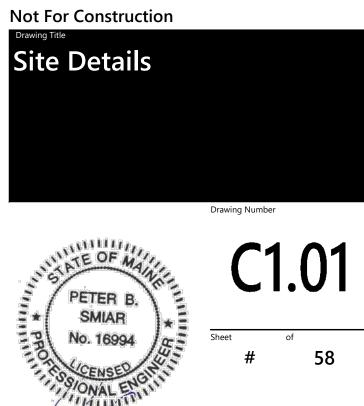
Sugarloaf Mtn Corp West Mountain Expansion 5092 Access Road

Carrabassett Valley, ME 04947

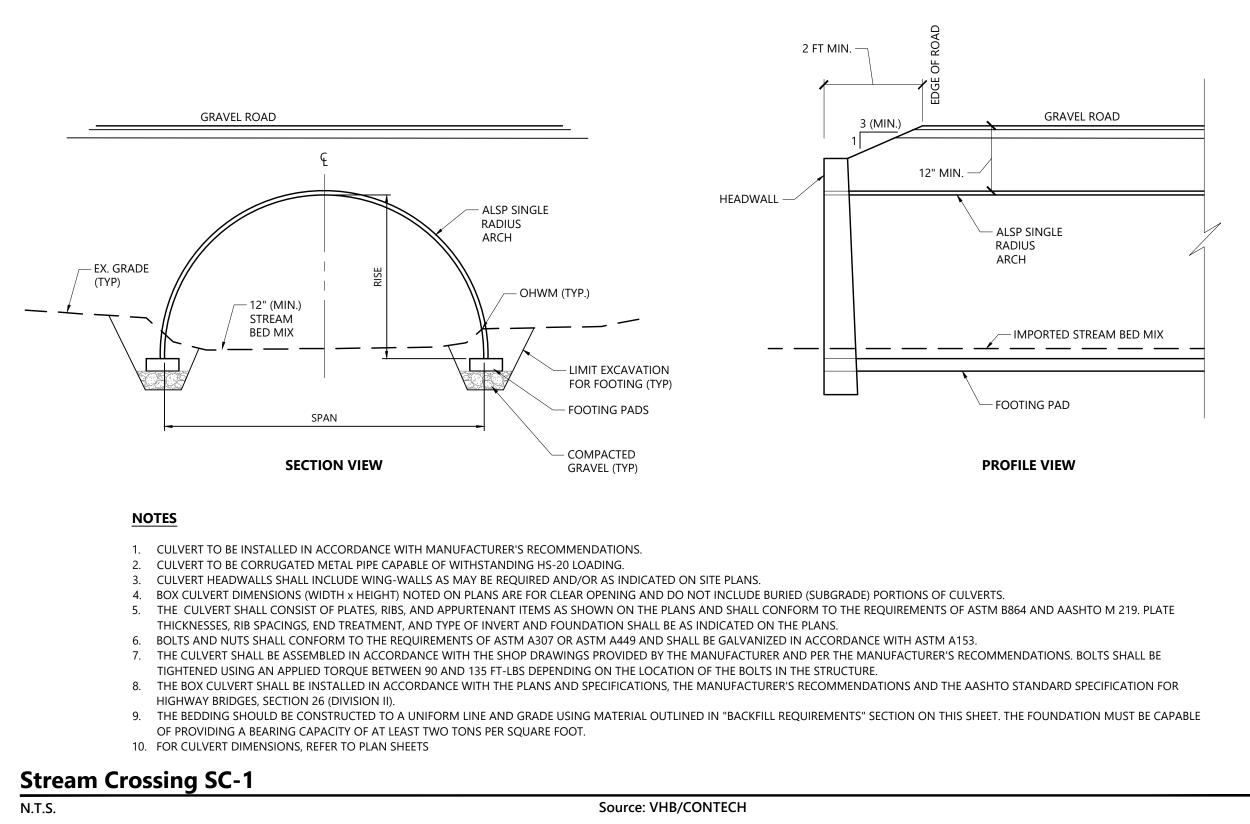
RWN

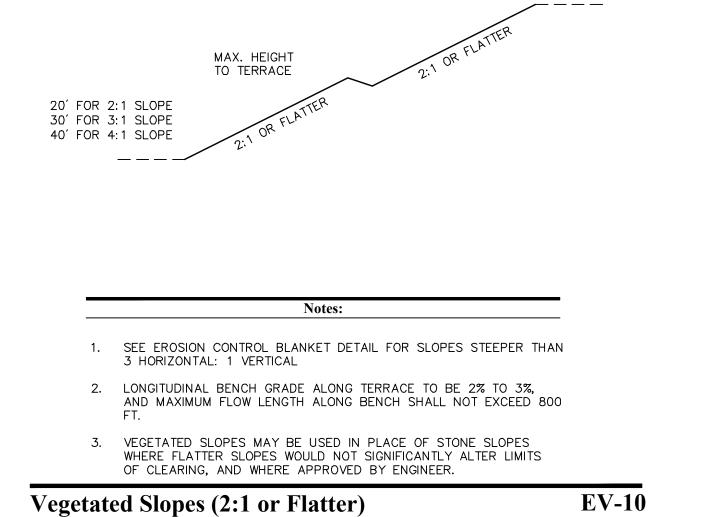
Issued for Review

Checked by PS Date September 23, 2021



Project Number 55310.01

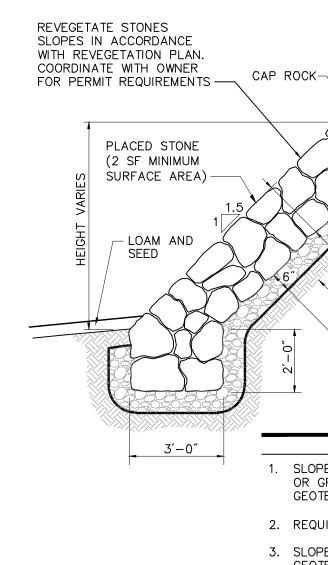




Source: VHB

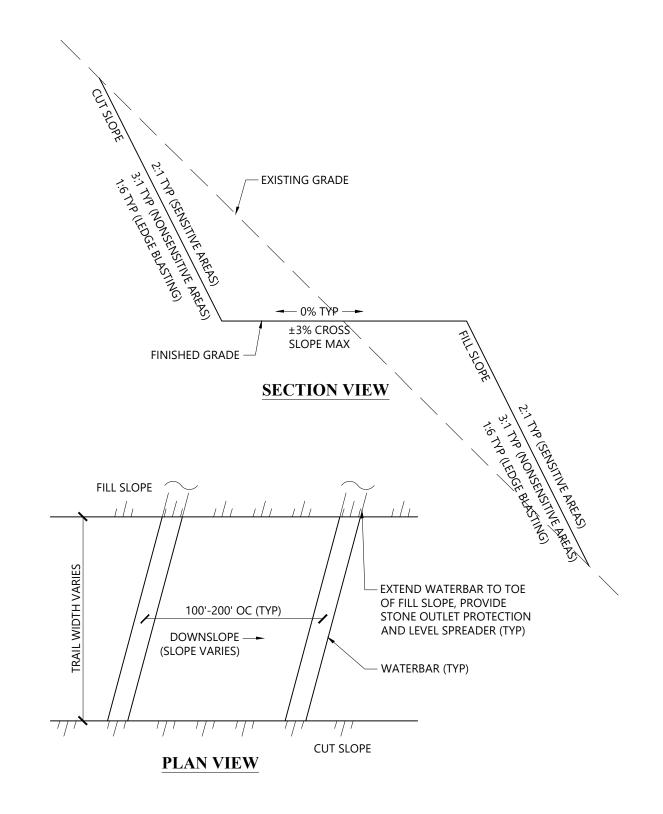
N.T.S.

6″ LOAM & SEED

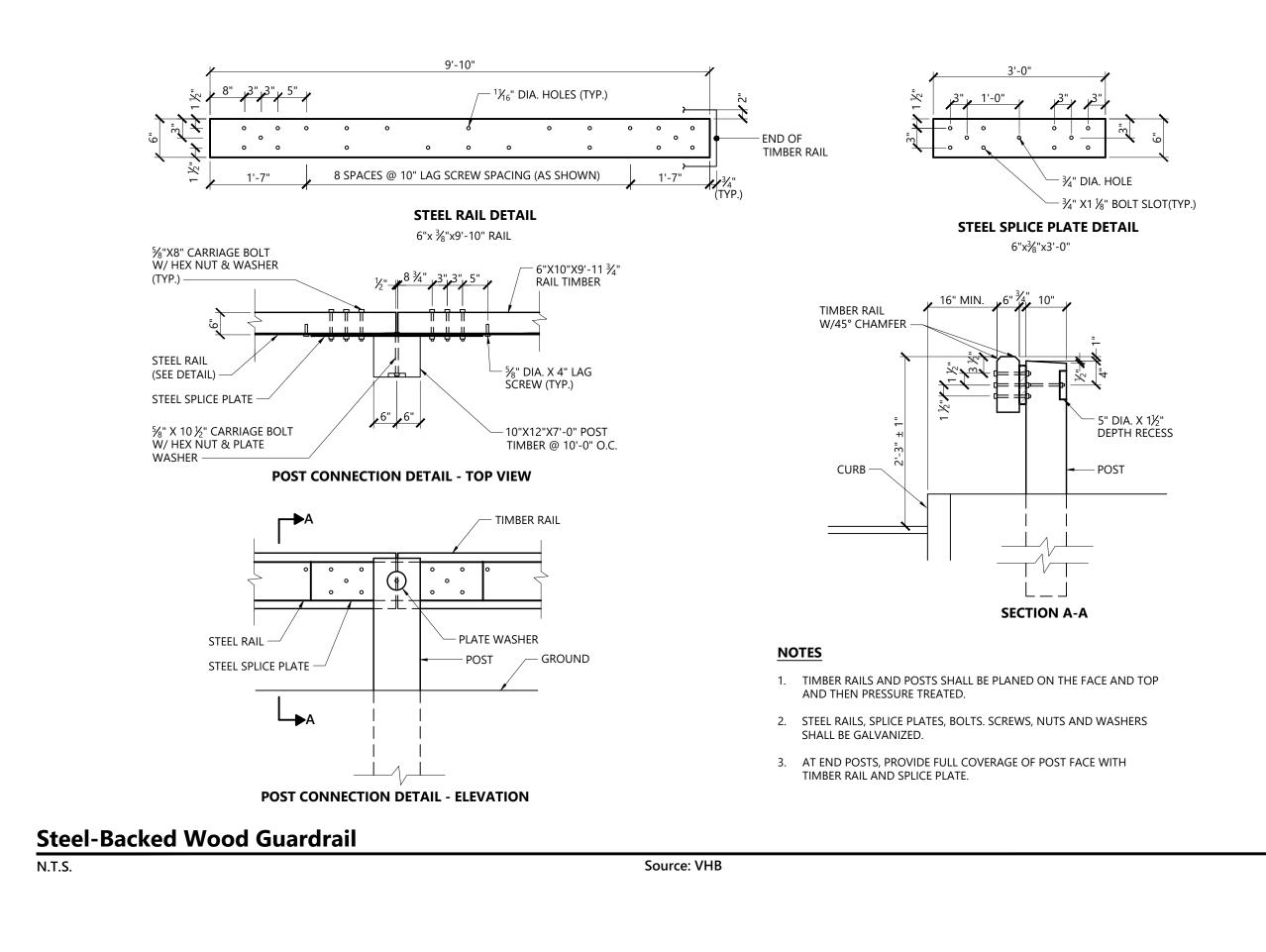


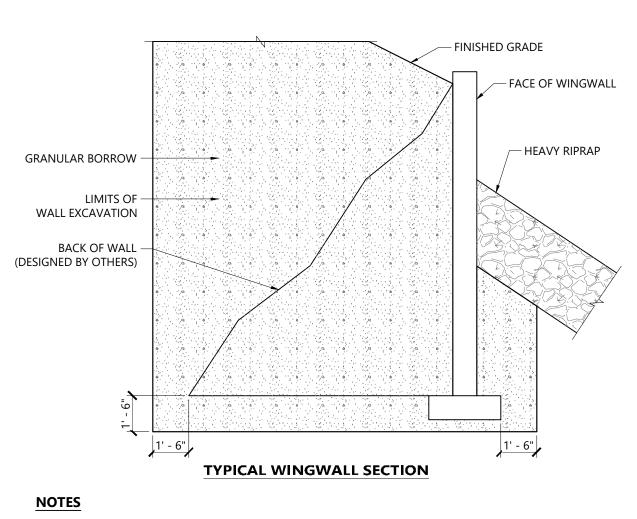
Placed Stone Slope

N.T.S.









6/16

VT_LD

1. THE CONTRACTOR SHALL PROVIDE PRECAST CONCRETE WINGWALLS IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 534. THE WALLS SHALL BE DESIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND THE DESIGN SHALL BE SUBMITTED TO THE RESIDENT FOR REVIEW. PLAN DETAILS ARE SHOWN FOR ESTIMATING PURPOSES ONLY. COST OF WINGWALLS INCLUDED IN ITEM 534.71.

2. THE PRECAST UNITS SHALL BE ONE OF THE FOLLOWING, OR APPROVED EQUAL:

"T-WALL" AS MANUFACTURED BY A LICENSED MANUFACTURER OF NEEL COMPANY.

"DOUBLEWAL" AS MANUFACTURED BY A LICENSED MANUFACTURER OF DOUBLEWAL CORP., PLAIN, CONNECTICUT.

3. THE MAXIMUM FACTORED BEARING RESISTANCE FOR THE WINGWALLS IS 5 KSF FOR THE SERVICE CONDITION. THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT FOR FACTORED BEARING RESISTANCE FOR THE STRENGTH CONDITION BASED ON STEM LENGTH RANGES.

4. ELEVATION AT BOTTOM OF WALLS MAY BE LOWERED FOR CONSTRUCTABILITY AT NO ADDITIONAL COST TO THE DEPARTMENT.

Source:

Typical Wingwall N.T.S.

STREAMBED MATERIAL FOR CHANNEL FORMATION AND OUTLET PROTECTION THE BOULDER-COBBLE-GRAVEL-SAND MATERIAL SPECIFIED BELOW MUST BE APPROVED BY THE

ENGINEER AT THE CONTRACTOR'S PROPOSED SOURCE PRIOR TO BEING PLACED IN THE STREAM CHANNEL.

PARTICLE SIZE (inches)	PARTICLE TYPE
< 0.04	sand
1.0-2.0	gravel
3.0-4.0	cobble
8.0-10.0	cobble
14.0-16.0	boulder
11.0 10.0	<u> </u>
	(inches) < 0.04 1.0-2.0 3.0-4.0 8.0-10.0

DESCRIPTION	SIZE	BUCKETS	PERCENT
ROCK/BOULDER	WELL GRADED 12-16"	0.5	<mark>7 - 12</mark> %
ROCK/COBBLE	WELL GRADED 8 - 12"	2	35 - 40%
BANK RUN GRAVEL	0.08 - 2.5"	2	35 - 40%
COURSE SAND	0.04 - 0.08" (1 - 2 MM)	0.75	12 - 17%

NOTES

1. ALL IMPORTED BEDDING MATERIAL SHALL CONSIST OF FIELD STONE OR NATURAL RIVER ROCK SIMILAR IN COLOR AND APPEARANCE TO IN-SITU MATERIALS.

- CRUSHED STONE SHALL NOT BE PERMITTED. BANK RUN GRAVEL MAY INCLUDE UP TO 5% CLAY, SILT, AND/OR SAND, AND UP TO 25% COBBLE AND SHALL HAVE NATURAL COLOR (BROWN, TAN, YELLOW, OR WHITE).
- 4. SAND SHALL BE WELL MIXED AND PREDOMINANTLY 1.0 TO 2.0 MILLIMETERS IN SIZE AND HAVE NATURAL COLOR (BROWN, TAN, YELLOW, OR WHITE).
- THE GRADATION OF IMPORTED MATERIALS SHALL FALL WITHIN THE ENVELOPE AS INDICATED IN THE TABLE ABOVE.
- 6. COBBLE-GRAVEL VOID RATIO IS ESTIMATED AT 20%. THEREFORE, 20% BY VOLUME OF CL MATERIAL SHALL BE ADDED TO THE COBBLE-GRAVEL-SAND MATERIAL PRIOR TO PLACEMENT IN THE DESIGNATED AREAS. SEE CONSTRUCTION SPECIFICATIONS FOR DETAILS RELATIVE TO MIXING, PLACING, AND COMPACTING STREAMBED MATERIAL.

Source: VHB

Streambed Material

N.T.S.

DR-09

- FILTER FABRIC 18″ (MIN.) STONE FILL - COMPACTED SUBGRADE - 2" CRUSHED STONE BEDDING Notes:

SLOPE VARIES

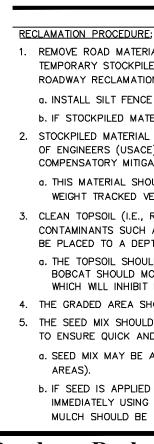
I. SLOPE TO BE FOUNDED ON UNDISTURBED MATERIAL OR GRAVEL AND COMPACTED CONSISTENT WITH GEOTECHNICAL ENGINEERS RECOMMENDATIONS. 2. REQUIRED FOR ALL SLOPES STEEPER THAN 2:1(H:V)

3. SLOPES MAY BE ADJUSTED WHERE APPROVED BY GEOTECHNICAL ENGINEER.

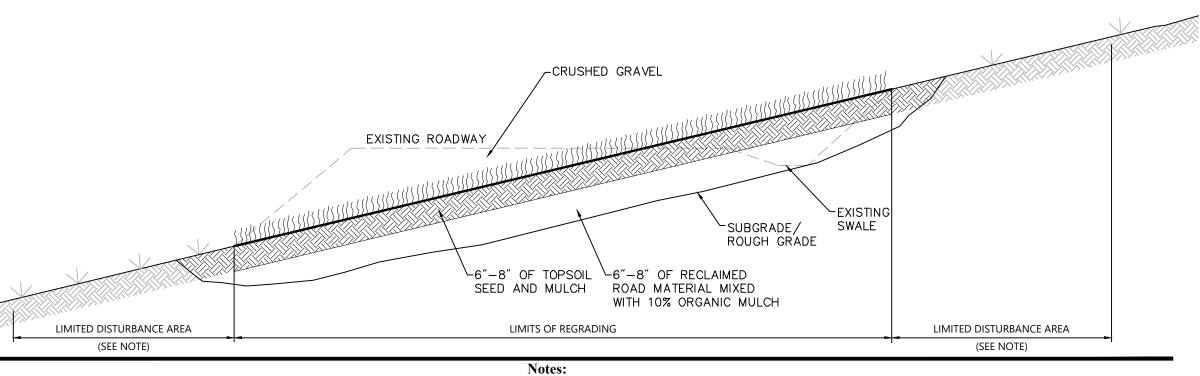
EV-11

LD_760

Source: VHB



N.T.S.



1. REMOVE ROAD MATERIAL USING A BULLDOZER TO A DEPTH OF 12 INCHES BELOW APPROXIMATE FINAL GRADE. TEMPORARY STOCKPILE MATERIAL IN AN UPLAND AREA FOR USE IN ACHIEVING FINAL GRADE (SEE ATTACHED ROADWAY RECLAMATION - TYPICAL SECTION);

a. INSTALL SILT FENCE TO SURROUND SOIL STOCKPILE(S) b. IF STOCKPILED MATERIAL WILL NOT BE USED WITHIN 14 DAYS, APPLY MULCH FOR TEMPORARY STABILIZATION 2. STOCKPILED MATERIAL SHOULD BE MIXED WITH APPROXIMATELY 10% COMPOSTED ORGANIC MATTER U.S. ARMY CORPS F ENGINEERS (USACE) - NEW ENGLAND DISTRICT - REGULATORY DI COMPENSATORY MITIGATION GUIDANCE., AND PLACED TO A DEPTH OF 8 TO 6 INCHES WITHIN THE EXCAVATED AREA; a. THIS MATERIAL SHOULD BE LIGHTLY COMPACTED TO MINIMIZE THE EFFECT OF LATER SETTLING (I.E., WITH A LIGHT WEIGHT TRACKED VEHICLE SUCH AS A BOBCAT).

3. CLEAN TOPSOIL (I.E., REASONABLY FREE OF NONORGANIC REFUSE SUCH AS PLASTICS, AS WELL AS CHEMICAL CONTAMINANTS SUCH AS HERBICIDES) AND WITH AN ORGANIC MATTER CONTENT OF BETWEEN 10 AND 20%, SHOULD BE PLACED TO A DEPTH OF 6 TO 8 INCHES ON THE SUB-GRADE MATERIAL TO ACHIEVE FINAL GRADE; a. THE TOPSOIL SHOULD BE LIGHTLY COMPACTED IN A SIMILAR MANNER TO THE SUB-GRADE MATERIAL; THE BOBCAT SHOULD MOVE IN A DIRECTION THAT IS PERPENDICULAR TO THE SLOPE TO CREATE MICROTOPOGRAPHY WHICH WILL INHIBIT DIRECTED RUNOFF AND POTENTIALLY EROSIVE RILLS.

4. THE GRADED AREA SHOULD BE SEEDED AS SOON AS POSSIBLE TO ENSURE SITE STABILIZATION. 5. THE SEED MIX SHOULD INCLUDE A MIX OF NATIVE SPECIES WHICH CONTAIN BOTH ANNUAL AND PERENNIAL SPECIES TO ENSURE QUICK AND LASTING COVERAGE (SEE TABLE 1 FOR REPRESENTATIVE SEED MIX). a. SEED MIX MAY BE APPLIED BY HYDRO-SEEDING, BY MECHANICAL SPREADING, OR BY HAND (FOR SMALLER

b. IF SEED IS APPLIED BY MECHANICAL OR HAND SPREADING METHODS, THE RESTORED AREA SHOULD BE MULCHED IMMEDIATELY USING STRAW MULCH TO MINIMIZE THE PRESENCE OF UNDESIRABLE SPECIES (I.E., INVASIVE SPECIES); MULCH SHOULD BE APPLIED AT A RATE OF 2 TONS (100-200 BALES) PER ACRE.

Roadway Reclamation Detail

PROPOSED SEED MIX FOR ROAD RECLAMATION				
COMMON NAME	SCIENTIFIC NAME			
RED FESCUE	FESTUCA RUBA			
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM			
SWITCH GRASS	PANICUM VIRGATUM			
ANNUAL RYE	ELYMUS VIRGINICUS			
BIG BLUESTEM	ANDROPOGON GERARDII			
INDIAN GRASS	SORGHASTRUM NUTANS			
DEER TONGUE	PANICUM CLANDESTINUM			
PARTRIDGE PEA	CHAMAECRISTA FASCICULATA			
SOFT RUSH	JUNCUS EFFUSUS			
PATH RUSH	JUNCUS TENUIS			
ROUGH BENTGRASS	AGROSTIS SCABRA			
 SPECIFIED SEED MIX IS THE NEW ENGLAND LOGGING ROAD MIX (PROPRIETARY BLEND) FROM NEW ENGLAND WETLAND PLANTS, INC. HTTP://WWW.NEWP.COM - OR APPROVED EQUAL SEED SHOULD BE APPLIED AT A MINIMUM RATE OF 20 LBS/ACRE (1 LB / 2,200 SF) 				

<u>TABLE 1</u>

1/16

LD_452



500 Southborough Drive Suite 105B South Portland, ME 04106 207.889.3150

Sugarloaf Mtn Corp West Mountain Expansion 5092 Access Road

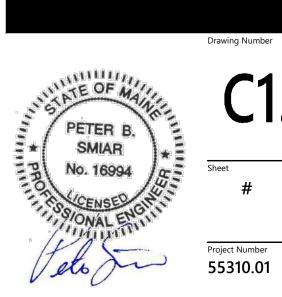
Carrabassett Valley, ME 04947

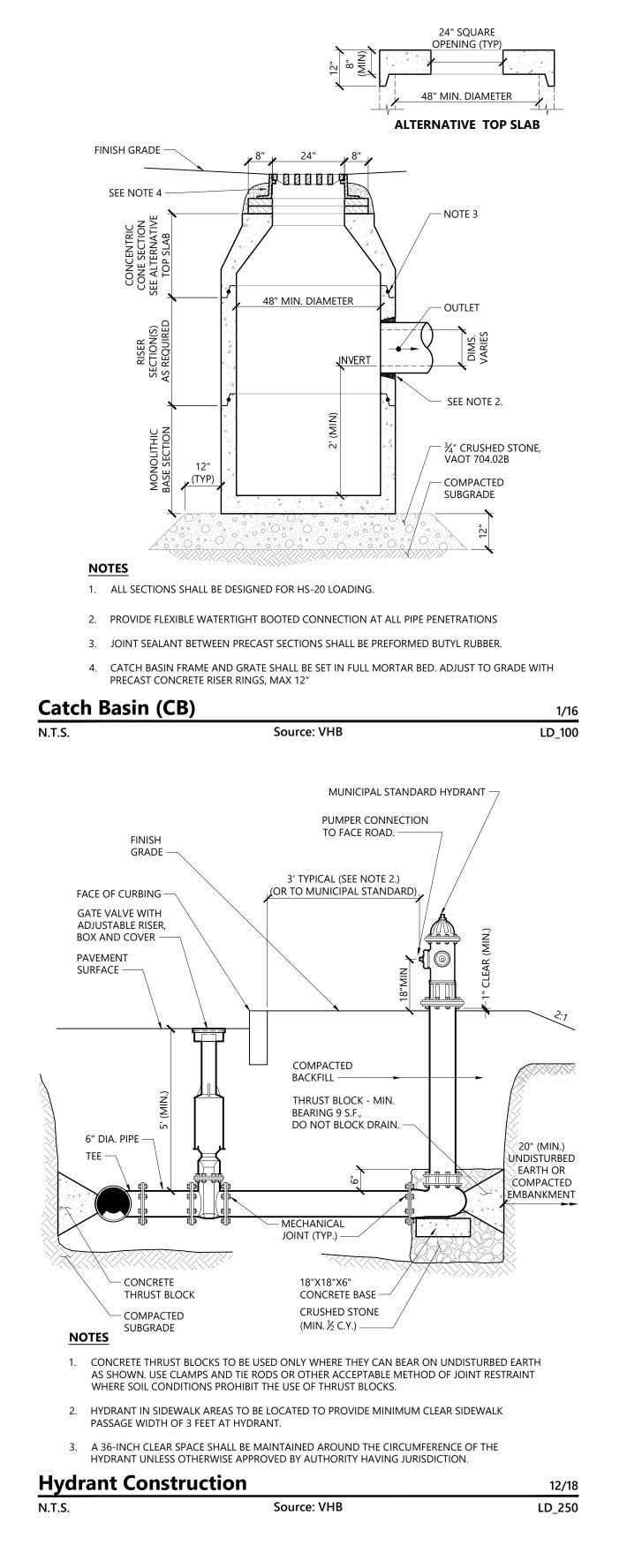
RWN

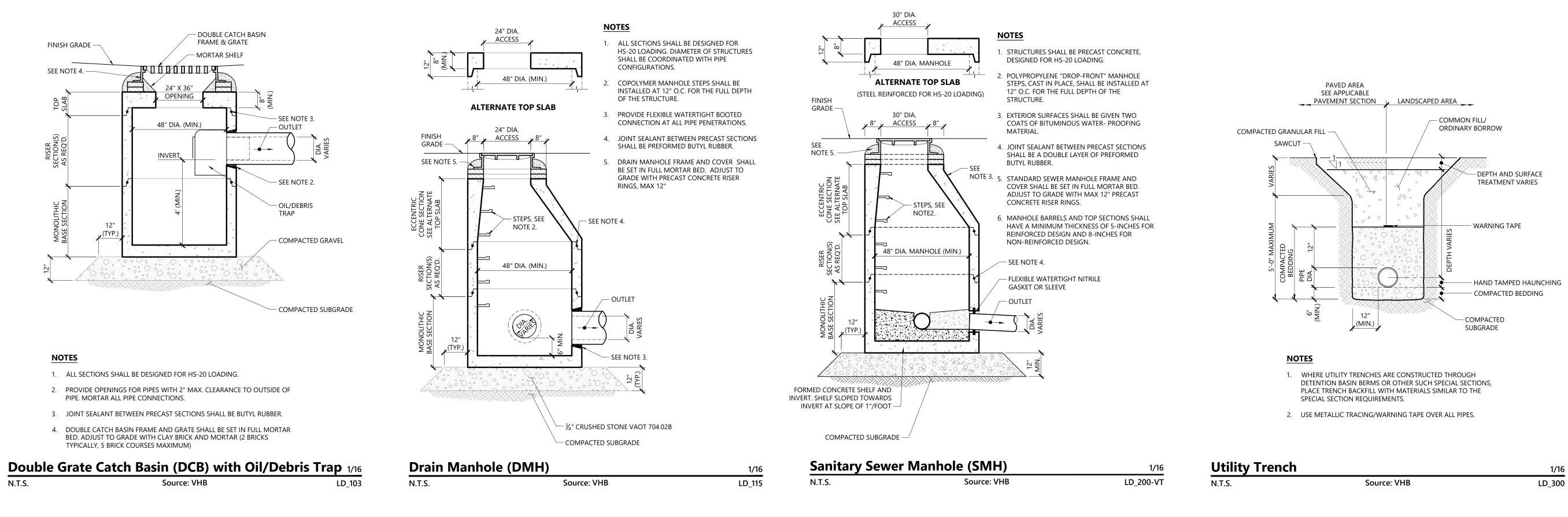
Issued for Review Date

Not For Construction Site Details

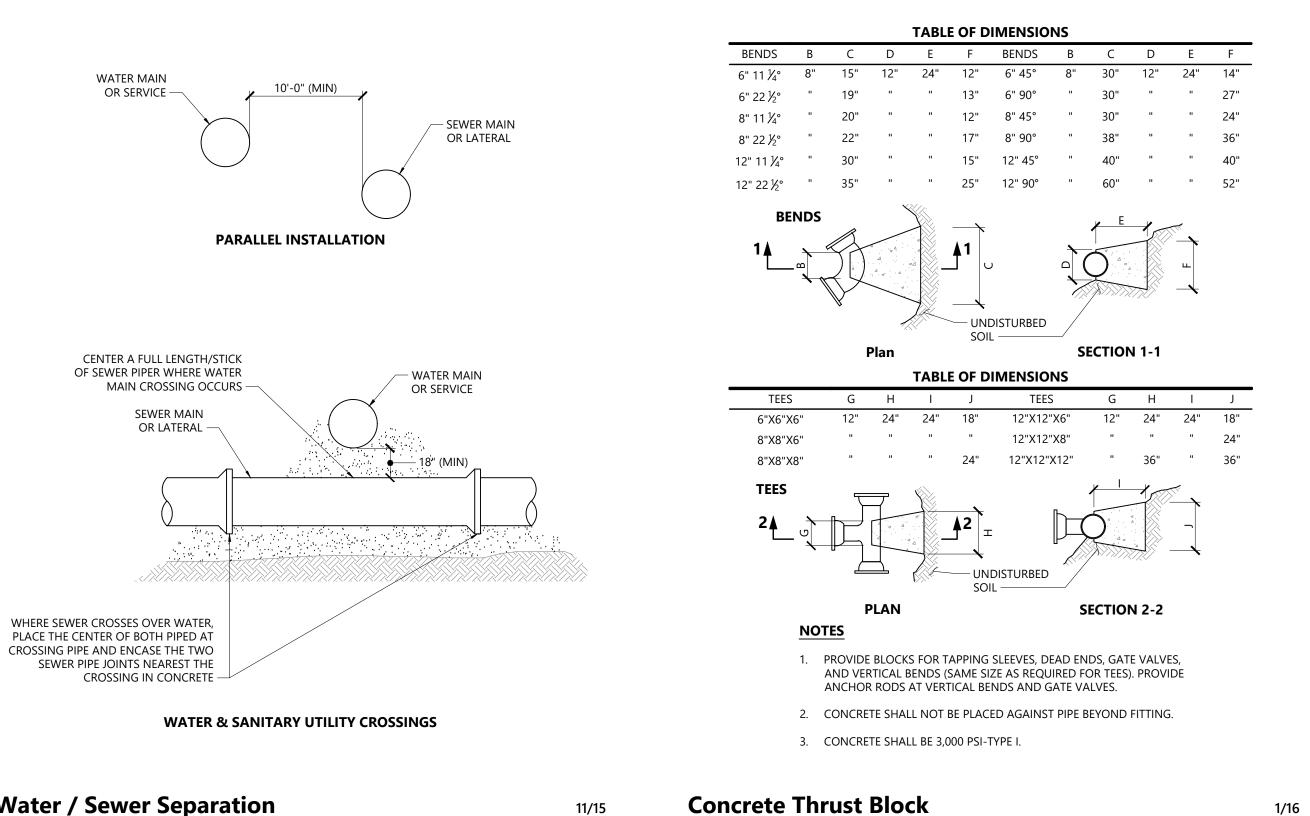
PS September 23, 2021







N.T.S.

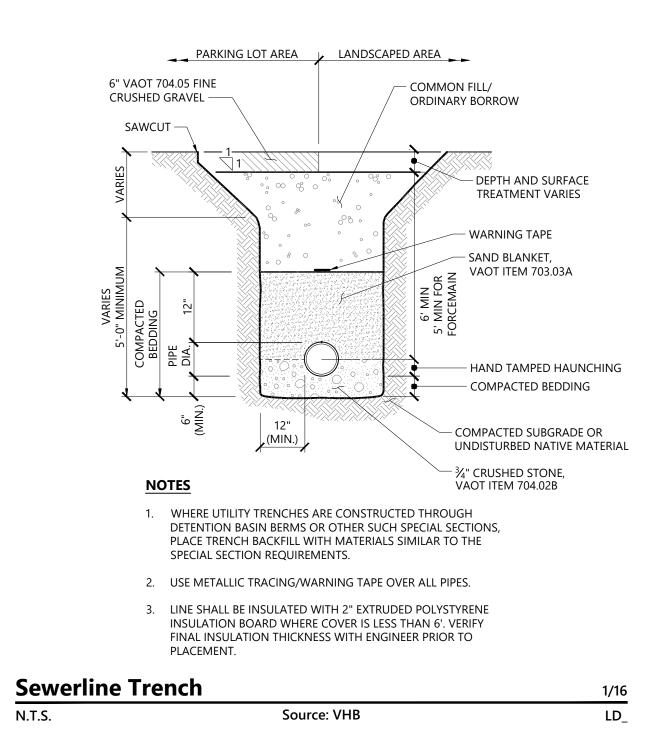


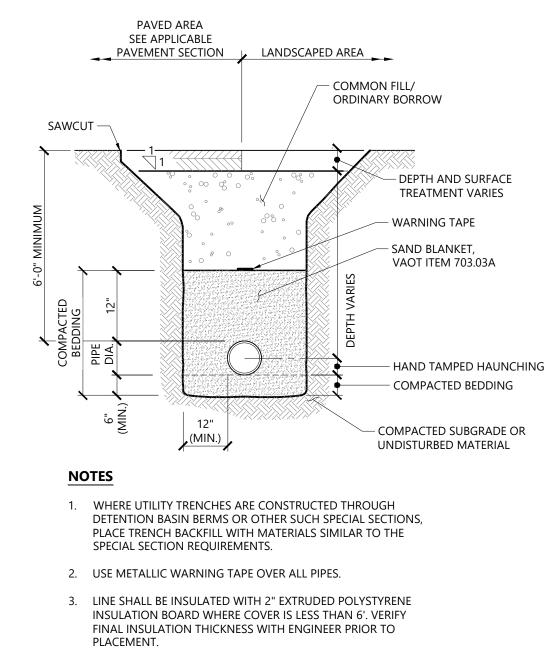




N.T.S.

Source: VHB





Source: VHB

Waterline Trench

N.T.S.

LD_260

1/16



500 Southborough Drive Suite 105B South Portland, ME 04106 207.889.3150

Sugarloaf Mtn Corp West Mountain Expansion 5092 Access Road

Carrabassett Valley, ME 04947

RWN

Issued for

Review

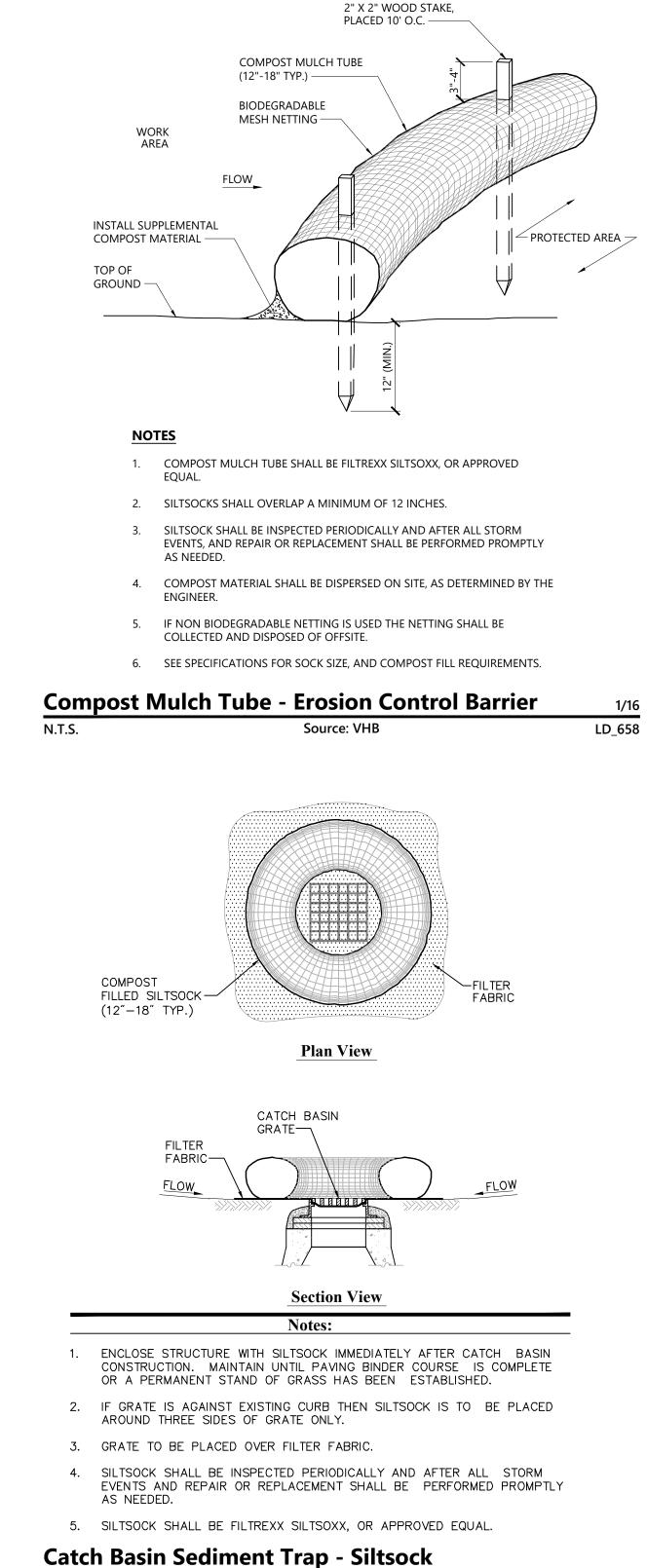
PS Date September 23, 2021

Not For Construction Itility Details

PETER B SMIAR 55310.01



roject Number



END OF STRINGER AT CORNER

Tree Protection Fence

N.T.S.

4" x 4" (NOMINAL) POST TYP.

EXISTING GRADE -

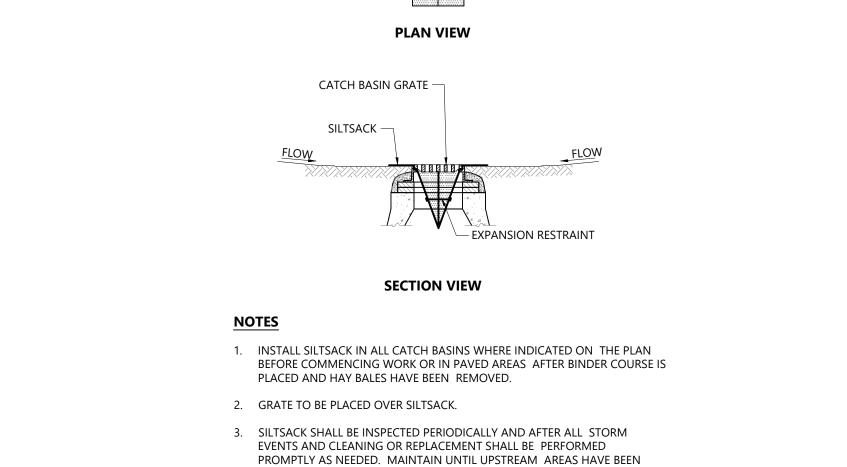
Source: Wolf Landscape Architecture

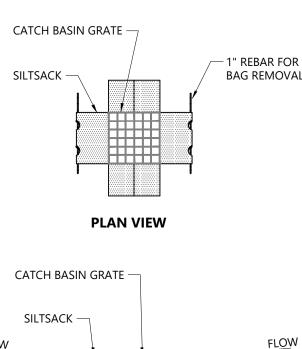
2" x 4" (NOMINAL) STRINGER TYP.

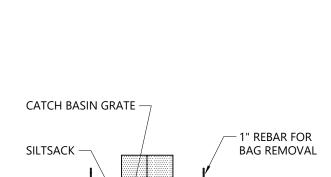
N.T.S.

EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED Siltsack Sediment Trap N.T.S. Source: VHB

N.T.S.



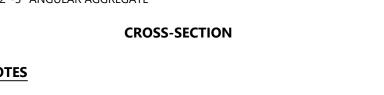


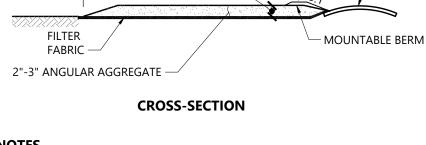


4. STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED. Stabilized Construction Entrance/Exit Source: VHB

- SHALL BE REMOVED BY VACUUM SWEEPING 3. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. INSPECTION AND MAINTENANCE SHALL BE PERFORMED WEEKLY AND BEFORE AND AFTER STORM EVENTS.
- CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. SEDIMENTS
- PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR
- OCCURS.
- 2. THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH SHALL
- LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS
- 1. EXIT WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT

- NOTES



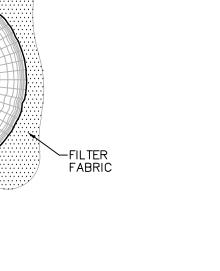


FXISTIN

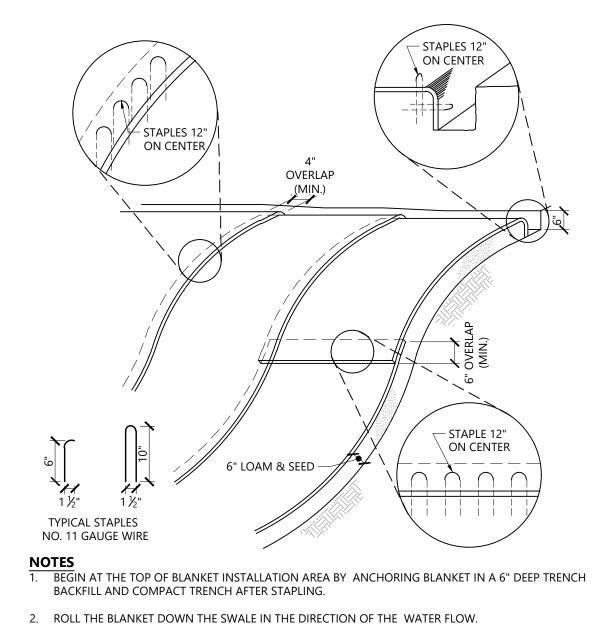
PAVEMEN

– EXISTING

PAVEMENT



Source: VHB



3. THE EDGES OF BLANKETS MUST BE STAPLED WITH APPROX. 4 INCH OVERLAP WHERE 2 OR MORE STRIP

4. WHEN BLANKETS MUST BE SPLICED DOWN THE SWALE, PLACE UPPER BLANKET END OVER LOWER END

6. EROSION CONTROL BLANKETS TO BE USED IN AREAS WHERE SLOPES ARE EQUAL TO OR GREATER THAN

Source: VHB

50' (MIN.)

PLAN VIEW

50' (MIN.)

6" (MIN.) —

3:1. ALTERNATIVES MAY INCLUDE MULCH NETTING OVER LOOSE MULCH, OR EROSION CONTROL MIX AS

SPECIFIED IN THE MAINE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs).

5. METHOD OF INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS.

WITH 6 INCH (MIN.) OVERLAP AND STAPLE BOTH TOGETHER.

Erosion Control Blanket Slope Installation

SITE

SITE

~~~~~

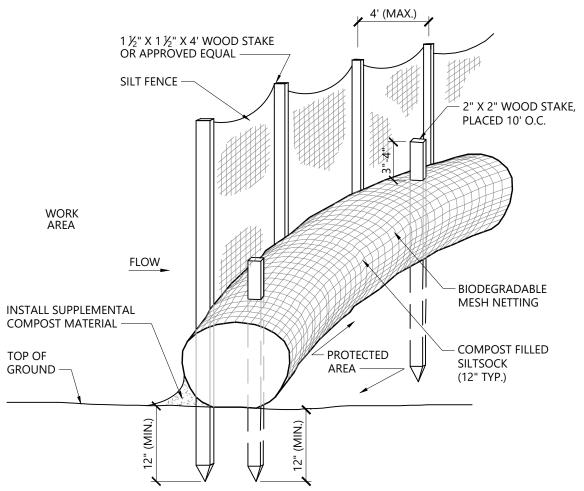
WIDTHS ARE REQUIRED.

N.T.S.

N.T.S.

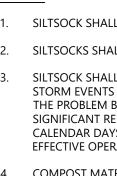








| NO | TES           |
|----|---------------|
| 1. | SILTSOCK SHAL |
| 2. | SILTSOCKS SHA |
| 3. | SILTSOCK SHAL |

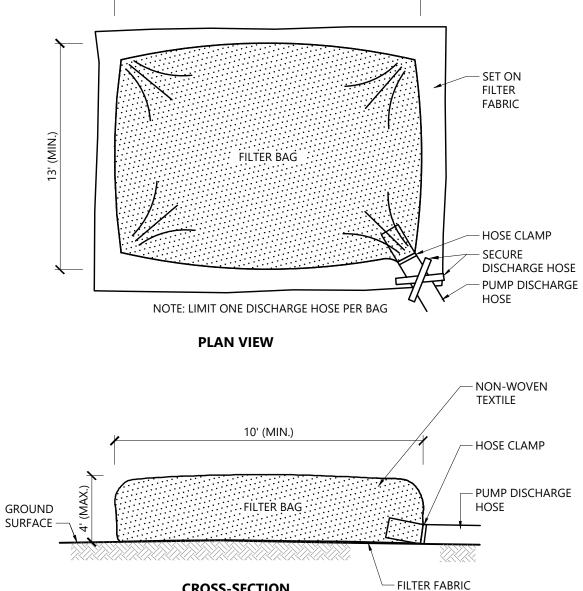


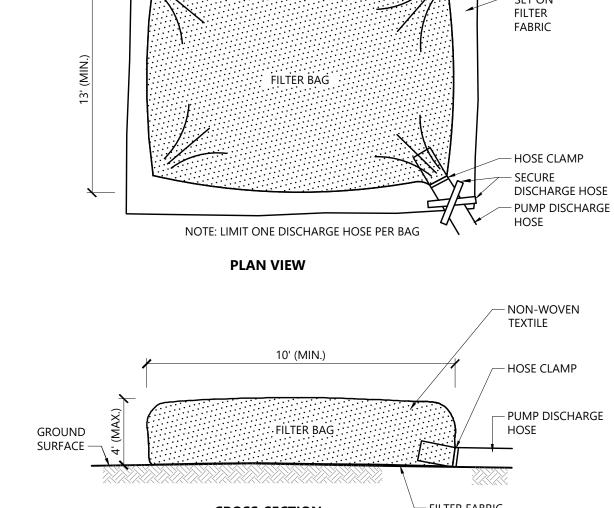
## TURNED UPSLOPE.

N.T.S.

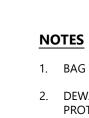
1/16

LD\_680





15' (MIN.)

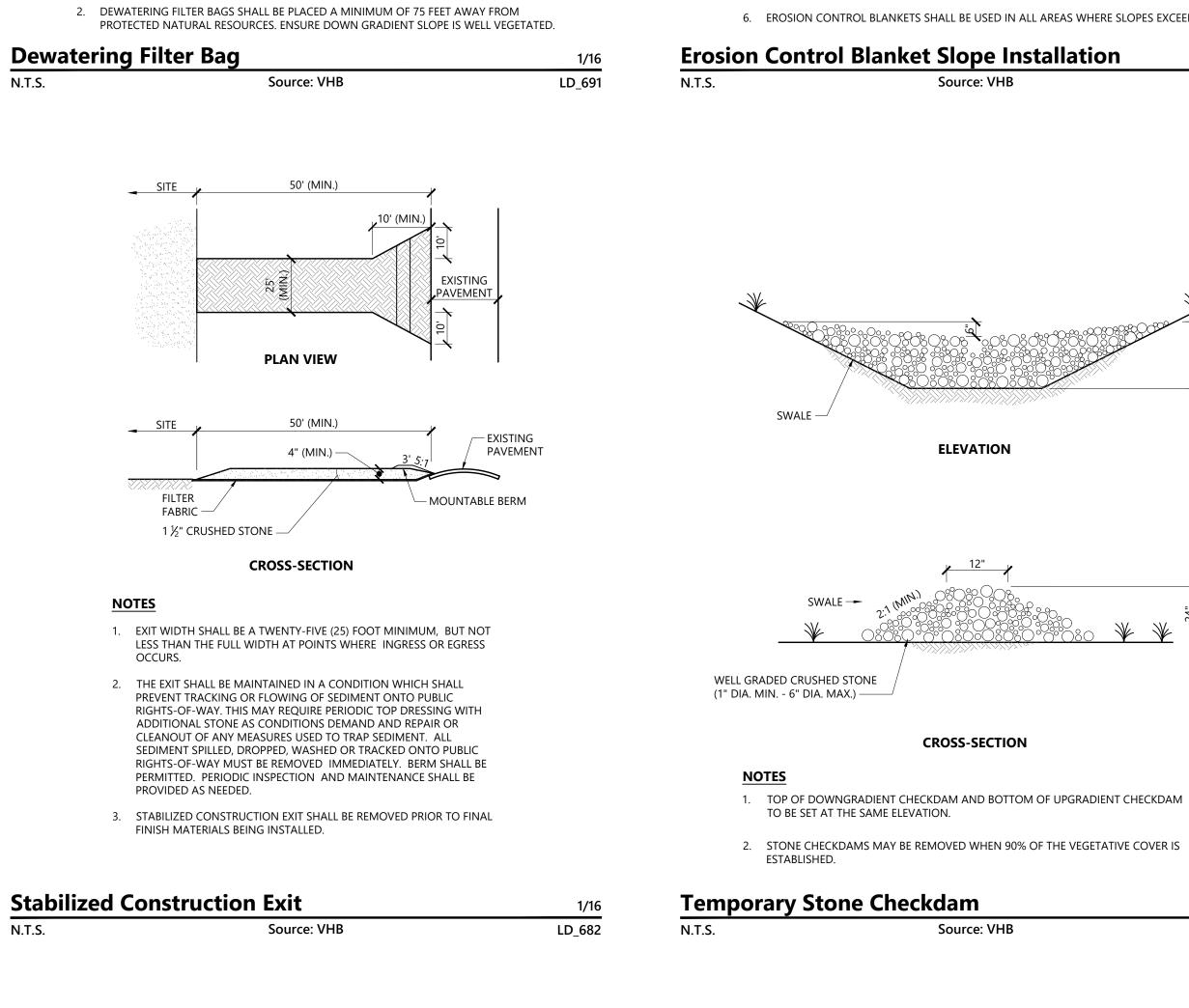


N.T.S.

7/19

LD\_682

1/16 LD\_674



# **CROSS-SECTION** 1. BAG TO BE USED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

#### Siltsock / Silt Fence Barrier 1/16 Source: VHB LD\_658-A

7. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE INSTALLED ALONG EXISTING GRADES WITH ENDS

5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE. 6. SILTSOCK / SILT FENCE BARRIER SHALL BE USED WHERE DISTURBANCE OCCURS WITHIN 50 FT OF A PROTECTED NATURAL RESOURCE.

THE PROBLEM BUT NO LATER THAN THE END OF THE NEXT WORKDAY. IF ADDITIONAL BMPs OR SIGNIFICANT REPAIR OF BMPs ARE NECESSARY, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL). ALL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED. 4. COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.

HALL OVERLAP A MINIMUM OF 12 INCHES. LL BE INSPECTED WEEKLY AT A MINIMUM AND BEFORE AND WITHIN 24 HOURS AFTER ALL S (RAINFALL). IF REPAIR IS REQUIRED, REPAIR WORK SHALL BE INITIATED UPON DISCOVERY OF

ALL BE FILTREXX SILTSOXX, OR APPROVED EQUAL.

## Source: VHB

TO BE SET AT THE SAME ELEVATION.

- **Temporary Stone Checkdam**

- ESTABLISHED.
- 2. STONE CHECKDAMS MAY BE REMOVED WHEN 90% OF THE VEGETATIVE COVER IS
- SWALE ----
- WELL GRADED CRUSHED STONE

**CROSS-SECTION** 

- SWALE -ELEVATION
- 5. METHOD OF INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS. 6. EROSION CONTROL BLANKETS SHALL BE USED IN ALL AREAS WHERE SLOPES EXCEED 3:1. **Erosion Control Blanket Slope Installation**

Source: VHB

- 4. WHEN BLANKETS MUST BE SPLICED DOWN THE SWALE, PLACE UPPER BLANKET END OVER LOWER END WITH 6 INCH (MIN.) OVERLAP AND STAPLE BOTH TOGETHER.
- OR MORE STRIP WIDTHS ARE REQUIRED.

- 3. THE EDGES OF BLANKETS MUST BE STAPLED WITH APPROX. 4 INCH OVERLAP WHERE 2

- 2. ROLL THE BLANKET DOWN THE SWALE IN THE DIRECTION OF THE WATER FLOW.
- DEEP TRENCH BACKFILL AND COMPACT TRENCH AFTER STAPLING.

- 1. BEGIN AT THE TOP OF BLANKET INSTALLATION AREA BY ANCHORING BLANKET IN A 6"
- NOTES
- NO. 11 GAUGE WIRE
- 1½" 1 %' - i i i i i TYPICAL STAPLES
- STAPLE 12" ON CENTER " LOAM & SEED  $\land \land \land \land$

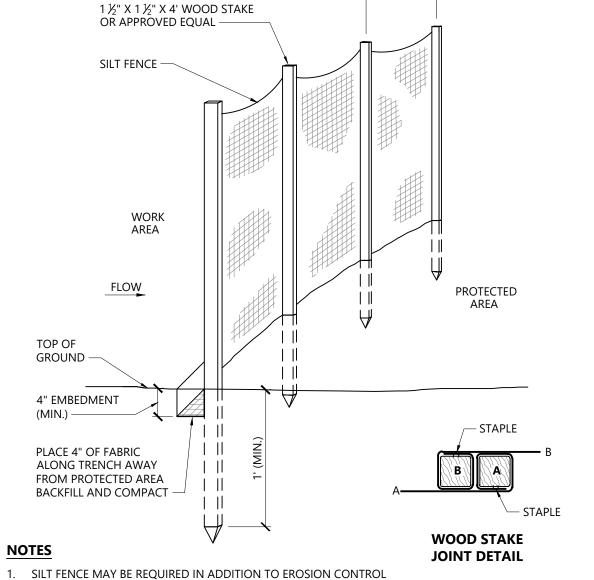
OVERLAP

(MIN)

N.T.S.

∩ / / STAPLES 12" ON CENTER/

TUBES WHERE SLOPES ARE GREATER THAN 2:1. 2. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE INSTALLED ALONG EXISTING GRADES WITH ENDS TURNED UPSLOPE. Silt Fence Barrier Source: VHB



1/16

1/16

LD\_680

LD\_650

- STAPLES 12 ON CENTER



500 Southborough Drive Suite 105B South Portland, ME 04106 207.889.3150

# Sugarloaf Mtn Corp West Mountain Expansion

5092 Access Road Carrabassett Valley, ME 04947 Revisio

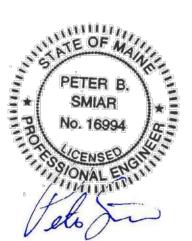
RWN

Issued for

PS Date September 23, 2021

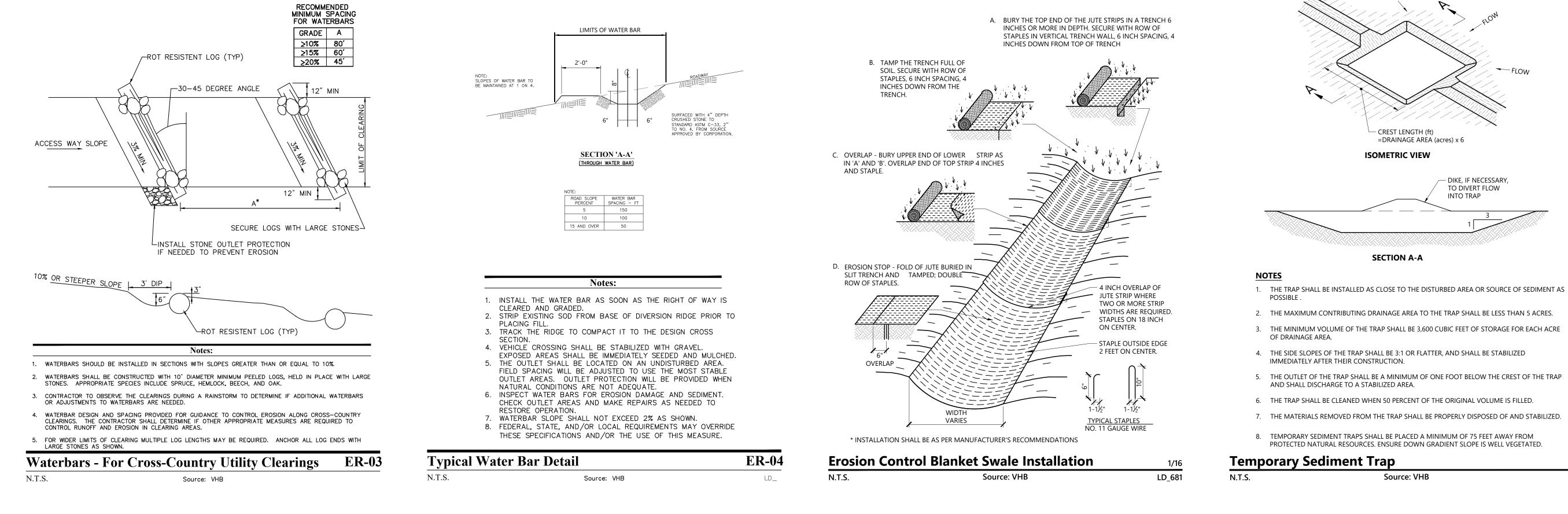
Review

Not For Construction **Erosion Prevention and** Sediment Control Details



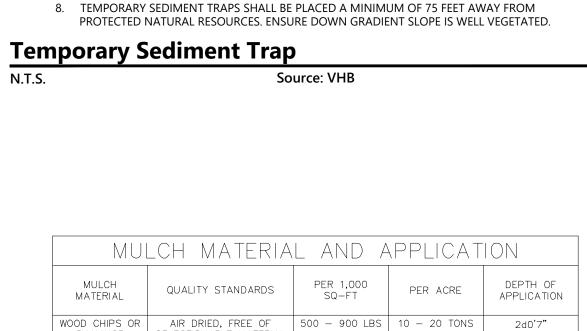


roject Number 55310.01



MULCH MATERIAL WOOD CHIPS SHAVINGS WOOD FIBER CELLULOSE (PARTIALLY DIGESTED WO FIBERS) GRAVEL, CRUSHED STO OR SLAG

Mulch Tab N.T.S.



 $\sim$ 

**ISOMETRIC VIEW** 

SECTION A-A

- CREST LENGTH (ft)

=DRAINAGE AREA (acres) x 6

- FLOW

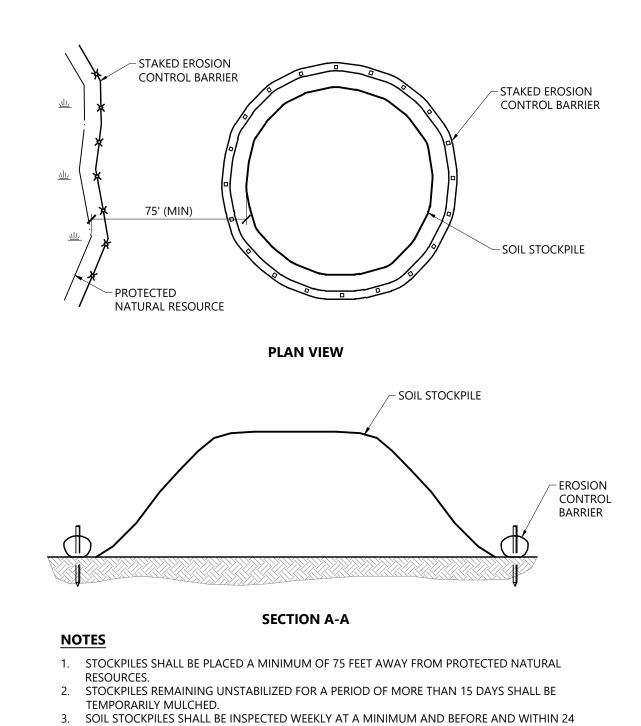
- DIKE, IF NECESSARY, TO DIVERT FLOW

INTO TRAP

| MULCH<br>MATERIAL                                                 | QUALITY STANDARDS                                                                                                                           | PER 1,000<br>SQ-FT                                                                                                 | PER ACRE                                                                                                                                                                     | DEPTH OF<br>APPLICATION                                                                                              |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| WOOD CHIPS OR<br>SHAVINGS                                         | AIR DRIED, FREE OF<br>OBJECTIONABLE MATERIAL                                                                                                | 500 - 900 LBS                                                                                                      | 10 - 20 TONS                                                                                                                                                                 | 2d0'7"                                                                                                               |
| WOOD FIBER<br>CELLULOSE<br>(PARTIALLY<br>DIGESTED WOOD<br>FIBERS) | MADE FROM NATURAL<br>WOOD USUALLY WITH<br>GREEN DYE AND<br>DISPERSING AGENT                                                                 | 50 LBS                                                                                                             | 2,000 LBS                                                                                                                                                                    | N/A                                                                                                                  |
| GRAVEL,<br>CRUSHED STONE<br>OR SLAG                               | WASHED; SIZE 2B OR 3A<br>- 1 1/2"                                                                                                           | 9 CY                                                                                                               | 405 CY                                                                                                                                                                       | 3"                                                                                                                   |
| HAY OR STRAW                                                      | AIR-DRIED; FREE OF<br>UNDESIRABLE SEEDS AND<br>COURSE MATERIALS                                                                             | 90 – 100 LBS,<br>2–3 BALES                                                                                         | 2 TONS<br>(100–120<br>BALES)                                                                                                                                                 | COVER ABOUT<br>90% SURFACE                                                                                           |
| COMPOST                                                           | UP TO 3" PIECES,<br>MODERATELY TO HIGHLY<br>STABLE                                                                                          | 3 – 9 CY                                                                                                           | 3 – 9 CY                                                                                                                                                                     | 1-3"                                                                                                                 |
| Erosion Control<br>Mix                                            | WELL-GRADED MIXTURE OF<br>PARTICLE SIZES. ORGANIC<br>CONTENT BETWEEN<br>80-100% DRY WEIGHT.<br>PARTICLE SIZE SHALL<br>PASS 6" SCREEN (100%) | additional 1/2 in<br>100 ft. **Slc<br>2(Hz.):1(Vert.) =<br>inch per 20 ft.<br>steeper than 2(H<br>site and mulch o | .):1(Vert.) = 2 inc<br>ch depth per 20 f<br>ppes between 3(Hz.<br>= 4 inch depth plu<br>of slope up to 10<br>Hz.):1(Vert.) applica<br>depth to be review<br>e by OPSC or EPS | t. of slope up to<br>):1(Vert.) and<br>s additional 1/2<br>0 ft. ***Slopes<br>ability to specific<br>ed and approved |
|                                                                   |                                                                                                                                             |                                                                                                                    |                                                                                                                                                                              |                                                                                                                      |
|                                                                   |                                                                                                                                             | Notes:                                                                                                             |                                                                                                                                                                              |                                                                                                                      |
|                                                                   | 1. APPLY TACKIFIER A                                                                                                                        | S NEEDED TO N                                                                                                      | MINIMIZE POTEN                                                                                                                                                               | TIAL                                                                                                                 |

- 1. APPLY TACKIFIER AS NEEDED TO MINIMIZE POTENTIAL FOR MULCH TO BLOW AWAY.
- 2. MULCH MUST NOT CONTAIN INVASIVE PLANT SPECIES.
- (SEEDS OR SEEDLINGS)
- 3. TACKIFIER MAY BE WATER, NETTING, OR SIMILAR.

|     | J. | TACKITEN MAT | DE WATER, NETTING, | ON SIMILAN. |       |
|-----|----|--------------|--------------------|-------------|-------|
| ble |    |              |                    |             | EV-08 |
|     |    |              | Source: VHB        |             | LD_   |



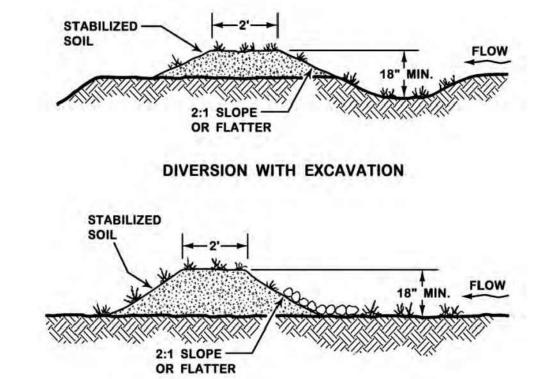
#### HOURS AFTER ALL STORM EVENTS (RAINFALL). IF REPAIR IS REQUIRED, REPAIR WORK SHALL BE INITIATED UPON DISCOVERY OF THE PROBLEM BUT NO LATER THAN THE END OF THE NEXT

WORKDAY. IF ADDITIONAL BMPS OR SIGNIFICANT REPAIR OF BMPS ARE NECESSARY, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL). ALL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED.

Source: VHB

### Soil Stockpile Sediment Control

N.T.S.



**DIVERSION WITH FILL** 

#### NOTES

- 1. RUNOFF SHALL BE DIVERTED FROM STORMWATER ROADSIDE BUFFERS THAT ARE CONSTRUCTED ON FILL OR RESHAPED SLOPES UNTIL A DENSE SOD IS ESTABLISHED, OR THOSE AREAS MUST BE PROTECTED BY A 3" LAYER OF EROSION CONTROL MIX OR OTHER WOODWASTE MATERIAL
- APPROVED BY MAINEDEP BEFORE STORMWATER IS DIRECTED TO IT. ALL DIVERSION DIKES AND BERMS SHOULD BE COMPACTED AND STABILIZED WITH MATERIAL THAT IS APPROPRIATE FOR THE SLOPE AND EXPECTED RUNOFF, SUCH AS EROSION CONTROL

### **Runoff Diversion**

BLANKETS, GRAVEL, OR RIPRAP.

N.T.S. Source: Maine DEP Erosion and Sediment Control BMP Manual



500 Southborough Drive Suite 105B South Portland, ME 04106 207.889.3150

# Sugarloaf Mtn Corp West Mountain Expansion

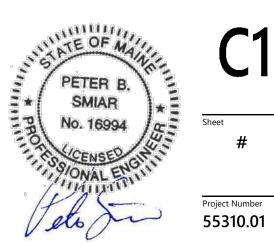
5092 Access Road Carrabassett Valley, ME 04947

RWN

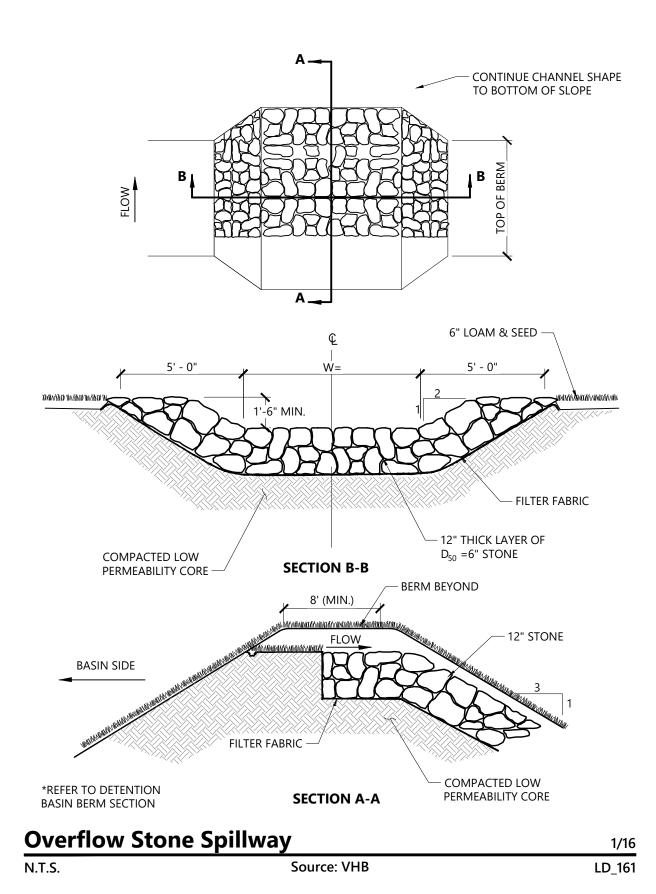
Issued for Review

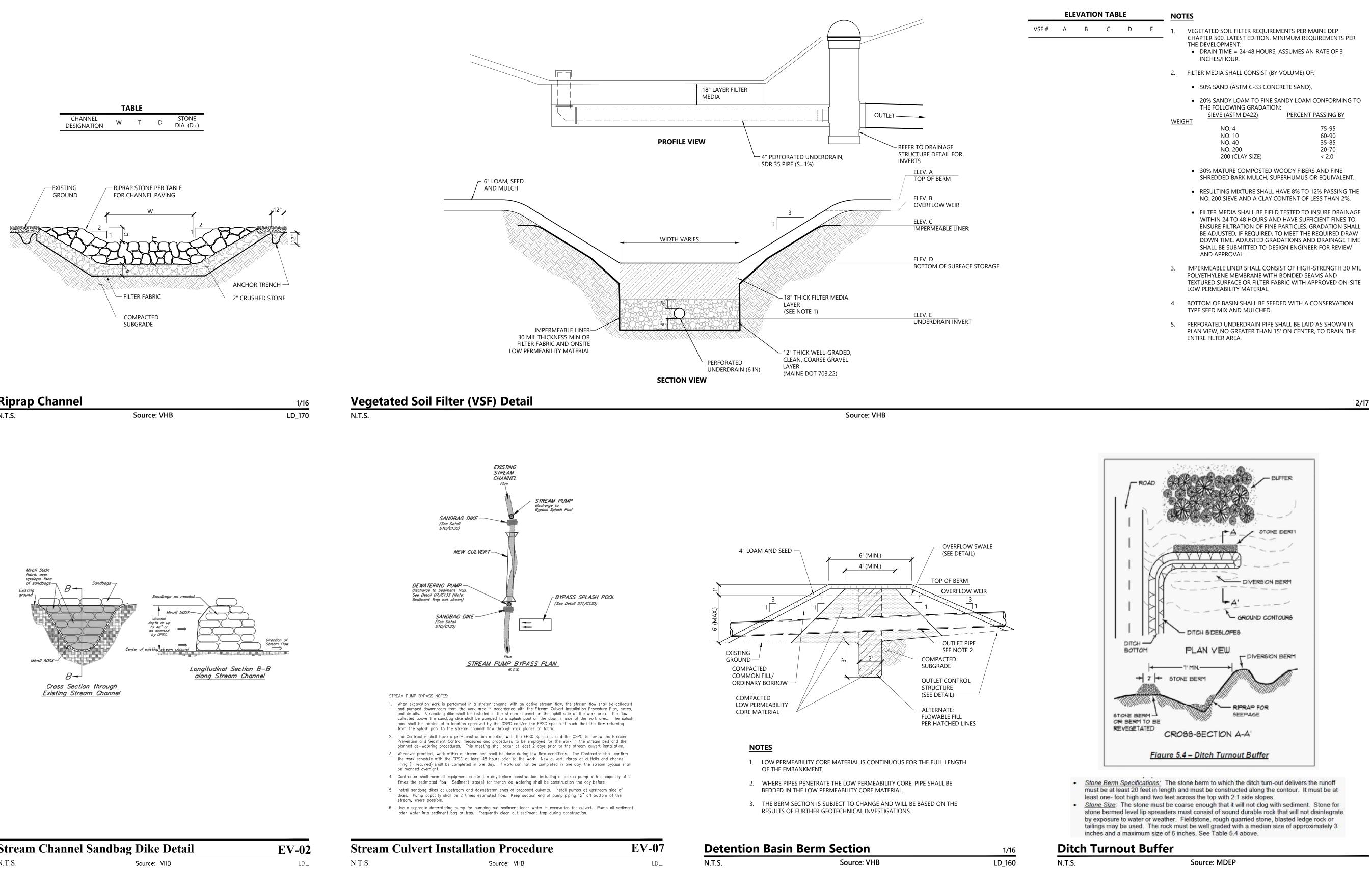
PS Date September 23, 2021

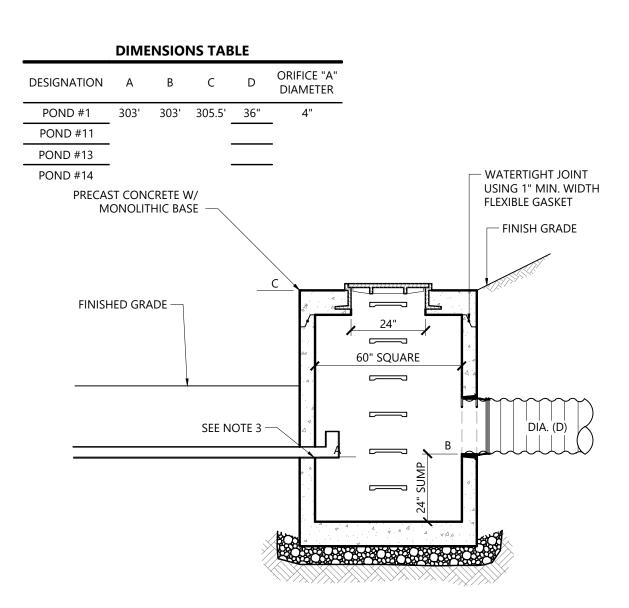
Not For Construction **Erosion Prevention and** Sediment Control Details

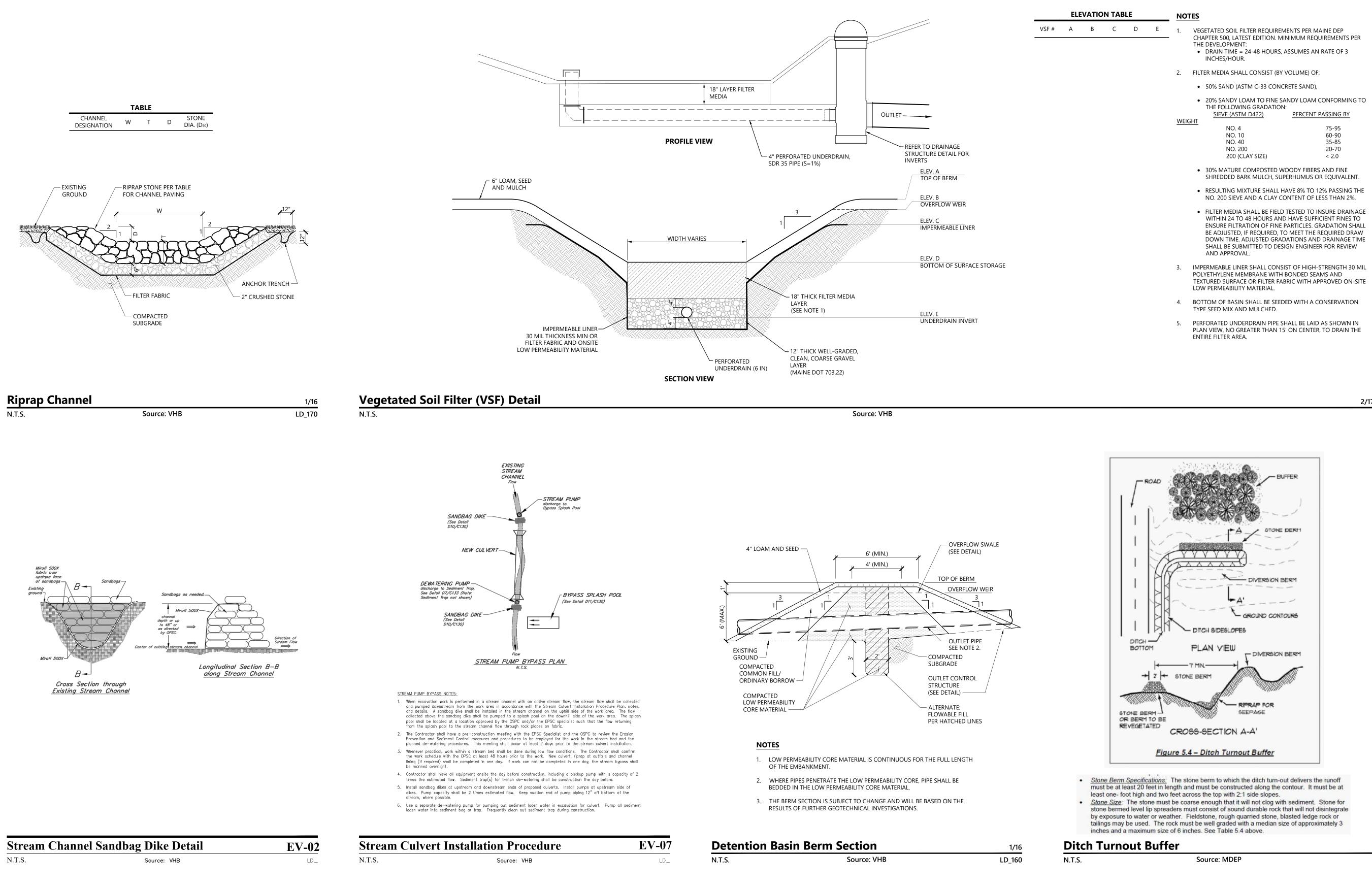


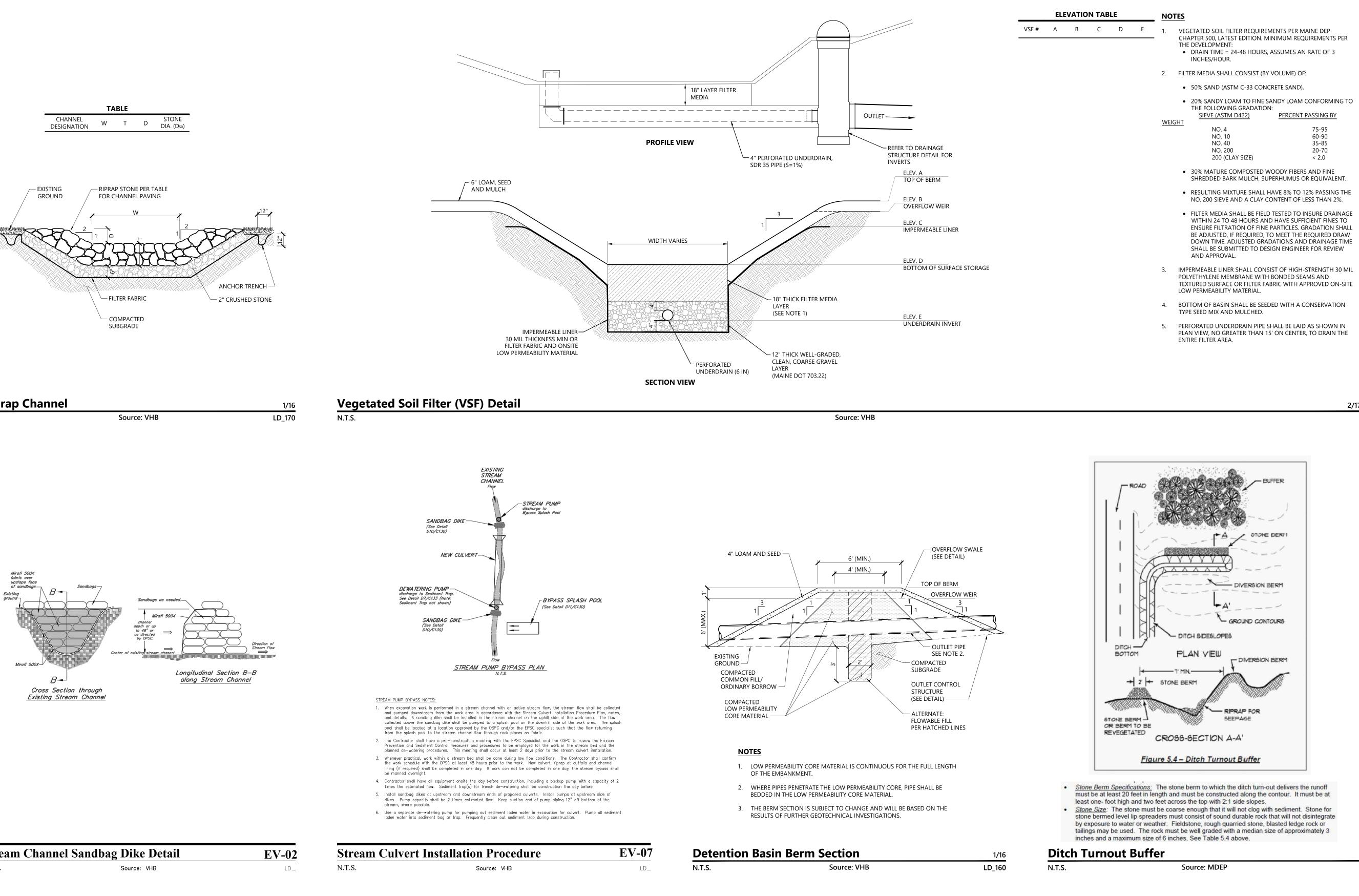










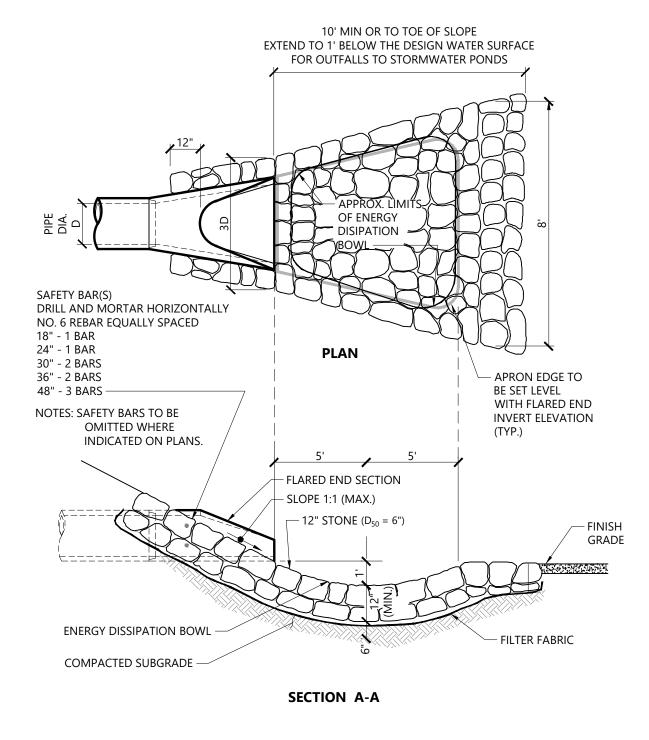


#### NOTES:

- 1. ALUMINUM "DROP-FRONT" MANHOLE STEPS, CAST IN PLACE, SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
- 2. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER
- 3. MANHOLE OPENING SHALL BE SET IN STRUCTURE COVER AS ALIGNED WITH LADDER ACCESS.

| Wet Pond Outlet Control Structures |             | 1/16   |
|------------------------------------|-------------|--------|
| N.T.S.                             | Source: VHB | LD_171 |

N.T.S.



Flared End Section (FES) with Stone Protection 1/16 LD\_134 Source: VHB N.T.S.



500 Southborough Drive Suite 105B South Portland, ME 04106 207.889.3150

# Sugarloaf Mtn Corp West Mountain Expansion

5092 Access Road Carrabassett Valley, ME 04947 Date

RWN

Issued for Review

PS Date September 23, 2021

Not For Construction Stormwater Details

