CITY OF THE DALLES
DOG RIVER PIPELINE REPLACEMENT
CITY CONTRACT NO. 2020-009

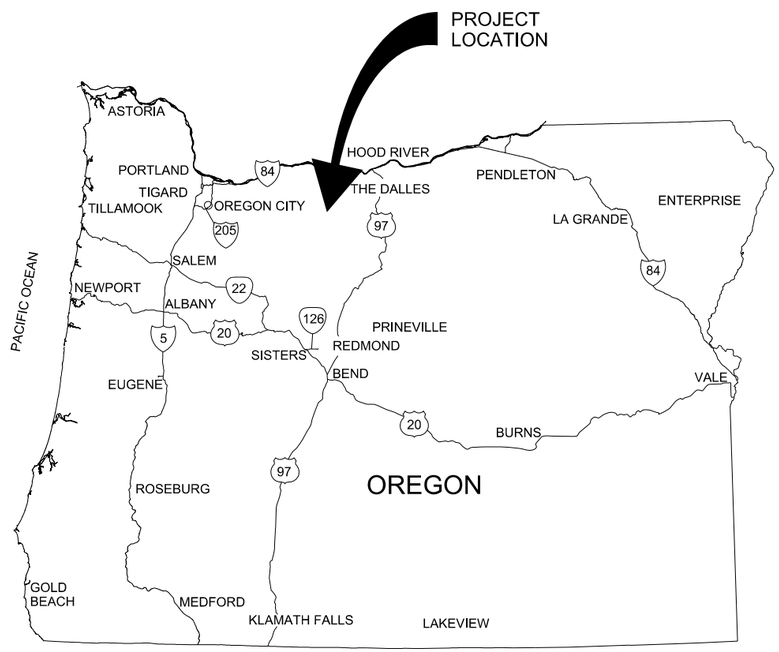
THE DALLES, OREGON

20% PRELIMINARY DESIGN
AUGUST 2021

THIS PROJECT FUNDED IN PART BY:

SRF LOGO

OWRD GRANT LOGO



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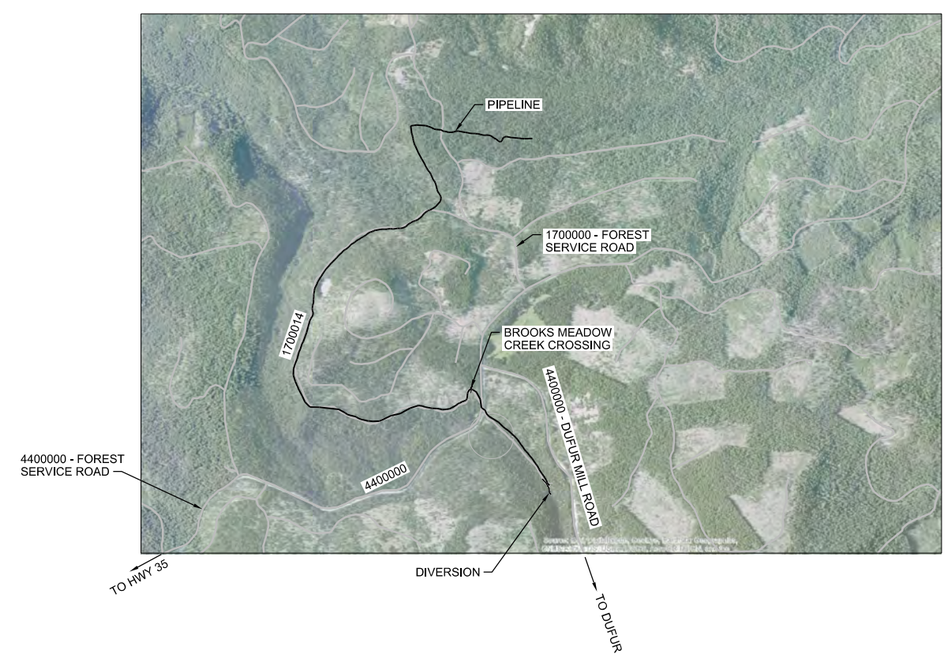
VICINITY MAP



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LOCATION MAP

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	DR	CHK	APVD	BY	APVD
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Dog River Pipeline Replacement
Mt. Hood National Forest
City Of The Dalles
The Dalles, OR

GENERAL
TITLE, VICINITY AND LOCATION MAP

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CONTRACT NO.: 2020-009

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DATE	AUGUST 2021
PROJ	D3504800
DWG	01-G-0001
SHEET	of

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ABBREVIATIONS

A	AMMETER, AMPERES, AWNINGS
AB	ANCHOR BOLT, ABOVE
ABDN	ABANDON
AC	ACOUSTICAL, ACOUSTICAL CEILING
AC	ALTERNATING CURRENT
AC	ASPHALTIC CONCRETE
ACFL	ACCESS FLOORING
ACI	AMERICAN CONCRETE INSTITUTE
ACMU	ACOUSTICAL CONCRETE MASONRY UNIT, ACOUSTICAL CMU
ACP	ACOUSTICAL PANELS
ACST	ACOUSTICAL
ACT	ACOUSTICAL TILE
AD	AREA DRAIN
ADDL	ADDITIONAL
ADJ	ADJACENT
ADW	DRY WEATHER AVERAGE
AFD	ADJUSTABLE FREQUENCY DRIVE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AG	ACOUSTICAL, ACOUSTICAL GLASS
AGGR	AGGREGATE
AHR	ANCHOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AJ	ADJUSTABLE
AL	ALUMINUM
ALKY	ALKALINITY
ALTN/ALT	ALTERNATE
AM	AUTO-MANUAL
AMRD	ACOUSTICAL METAL ROOF DECKING
ANDZ	ANODIZE
APPROX	APPROXIMATE
APVD	APPROVED
ARCH	ARCHITECTURAL
AR	ANALOG RELAY
AS	AS SELECTED
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AVG	AVERAGE
AWW	WET WEATHER AVERAGE
@	AT
B	BELL
BAL	BALANCE
BETW	BETWEEN
BF	BLIND FLANGE, BOTTOM FACE
BFV	BUTTERFLY VALVE
BL	BASELINE
BFP	BACKFLOW PREVENTER
BLDG	BUILDING
BLK	BLOCK
BM	BEAM, BENCHMARK
BO	BOTTOM OF
B.O.B.	BOTTOM OF BEAM
BLL	BOTTOM LOWER LAYER
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BRKR	BREAKER
BSP	BLACK STEEL PIPE
BUL	BOTTOM UPPER LAYER
BV	BALL VALVE, BLOCK VENT
BVC	BEGINNING OF VERTICAL CURVE
C	CONDUIT, CASEMENT
°C	DEGREE CELSIUS
C TO C	CENTER TO CENTER
CAB	CABINET
CB	CATCH BASIN, CIRCUIT BREAKER
CC	CENTER OF CIRCLE
CC	CONTROL CABLE
CCP	CENTRAL CONTROL PANEL
CCS	CENTRAL CONTROL SYSTEM
CDF	CONTROLLED DENSITY FILL
CE	CONSTRUCTION ENTRANCE
CFM	CUBIC FEET PER MINUTE
CFS	CUBIC FEET PER SECOND
CHEM	CHEMICAL
CHKD	CHECKERED
CI	CAST IRON
CIP	CAST IRON PIPE, CAST IN PLACE
CIP	CULVERT INLET PROTECTION
CISP	CAST IRON SOIL PIPE
CJ	CONSTRUCTION JOINT
CKT	CIRCUIT
CL	CENTERLINE
CLDI	CEMENT LINED DUCTILE IRON
CLSF	CONTROLLED LOW STRENGTH FILL
CLG	CEILING
CLR	CLEAR, CLEARANCE
CLSM	CONTROLLED LOW STRENGTH MATERIAL
CMP	CENTRAL MONITORING PANEL
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEANOUT, CARBON MONOXIDE
COL	COLUMN, COLOR
CONC	CONCRETE
COND	CONDENSATE
CONDTN	CONDITIONED
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUED, CONTINUOUS, CONTINUATION
CONTR	CONTRACTOR
COORD	COORDINATE
COP	COPPER
CP	CENTER PIVOT
CP-X	CONTROL PANEL NO. X
CPLG	COUPLING
CPRSR	COMPRESSOR
CPT	CONTROL POWER TRANFORMER, CARPET
CPVC	CHLORINATED PVC
CR	CONTROL RELAY
CRS	COLD ROLLED STEEL
CRS	CONSTRUCTION ROAD STABILIZATION
CT	CERAMIC TILE
CT	CURRENT TRANSFORMER
CTC	COMPUTER TERMINAL CABINET
CTR	CENTER
CTRD	CENTERED
CTSK	COUNTERSUNK
CU	CUBIC
CU FT	CUBIC FOOT
CU IN	CUBIC INCH
CUH	COPPER TUBING, HARD DRAWN
CV	CHECK VALVE
CWR	CABINET DOOR MOUNTED WASTE RECEPTACLE
CY, CU YD	CUBIC YARD
CWS	CLEAN WATER SERVICES
D	DEEP, DRAIN
d	PENNY NAIL SIZE
DA	DUAL ACTION
DAS	DATA ACQUISTION SYSTEM
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DC	DIRECT CURRENT
DEG	DEGREE
DET	DETAIL
DF	DOUGLAS FIR, DRINKING FOUNTAIN
DDI	DROP INLET
DH	DOUBLE HUNG
DI	DUCTILE IRON
DIA	DIAMETER
DIAG	DIAGONAL
DIP	DUCTILE IRON PIPE
DIR	DIRECTION
DISCH	DISCHARGE
DL	DEAD LOAD
DN	DOWN
DO	DISSOLVED OXYGEN
DOL	DIRECT-ON-LINE
DP, DPNL	DISTRIBUTION PANEL
DR	DOOR
DS	DOWNSPOUT
DWG	DRAWING
DWL	DOWEL
△	DELTA
E	EAST, EMPTY
EA	EACH, EXHAUST AIR
EB, EBCT	EMPTY BED CONTACT TIME
ECC	ECCENTRIC
EE	EMERGENCY EYEWASH
EDF	EGG-SHAPED DIGESTER FACILITY
EF	EACH FACE, EXHAUST FAN
EFF	EFFICIENCY, EFFICIENT
EFL	EFFLUENT
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EL	ELEVATION
ELB	ELBOW
ELC	ELECTRICAL LOAD CENTER
ELEC	ELECTRIC, ELECTRICAL
ENGR	ENGINEER
EOP	EDGE OF PAVEMENT
ESC	EROSION AND SEDIMENT CONTROL
EP	EXPLOSION PROOF, EDGE OF PAVING
EQL	EQUAL
EQL SP	EQUALLY SPACED
EQPT	EQUIPMENT
ESC	EROSION AND SEDIMENT CONTROL
ETM	ELAPSED TIME METER
EVC	END OF VERTICAL CURVE
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXP	EXPANSION, EXPOSED
EXP AB	EXPANSION ANCHOR BOLT
EXP JT	EXPANSION JOINT
EXST, EXIST	EXISTING
EXT	EXTERIOR
° F	DEGREE FAHRENHEIT
FB	FLAT BAR
F, FU	FUSE
F, FX	FIXED
FAP	FIRE ALARM PANEL
FC	FLEXIBLE CONDUIT
FCA	FLANGED COUPLING ADAPTER
FCL2	FREE CHLORINE RESIDUAL
FCO	FLOOR CLEANOUT
FCTY	FACTORY
FD	FLOOR DRAIN
FDN	FOUNDATION
FDR	FEEDER
FEXT	FIRE EXTINGUISHER
FF	FINISHED FLOOR
FG	FINISH GRADE, FLOAT GLASS
FH	FLAT HEAD
FHY	FIRE HYDRANT
FIG	FIGURE
FL	FLOW LINE
FLG	FLANGE
FL	FLOOR
FLEX	FLEXIBLE
FLH	FLAT HEAD
FLTR	FILTER
FLUOR	FLUORESCENT
FNSH	FINISH
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FP	FIELD PANEL
FPM	FEET PER MINUTE
FR	FORWARD REVERSE
FRP	FIBERGLASS REINFORCED PLASTIC
FSHS	FOLDING SHOWER SEAT
FT	FOOT OR FEET
FTG	FOOTING
FU	FIXTURE UNIT
FVNR	FULL VOLTAGE NON-REVERSING
FVR	FULL VOLTAGE REVERSING
FWD	FORWARD
G, GND	GROUND
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GYPSUM BOARD
GC	GROOVED COUPLING
GCMU	GLAZED CONCRETE MASONRY UNITS
GFA	GROOVED FLANGE ADAPTER
GFI	GROUND FAULT INTERRUPTER
GFR	GROUND FAULT RELAY
GH	GREENHOUSE
GL	GLASS
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GPS	GLOBAL POSITION SYSTEM
GRTG	GRATING
GSB	GYPSUM SOFFIT BOARD
GSP	GALVANIZED STEEL PIPE
GV	GATE VALVE
GVL	GRAVEL
GWB	GYPSUM WALLBOARD
GYP	GYPSUM
H	HIGH, HORN OR HOWLER
H2S	HYDROGEN SULFIDE
H.A.S.	HEADED ANCHOR STUD
HC	HOLLOW CORE WOOD
HCL	HYDROCHLORIC ACID
HDNR	HARDENER
HDNS	HARDNESS
HDR	HEADER
HDW	HARDWARE
HGL	HYDRAULIC GRADE LINE
HK	HOOK
HGT	HEIGHT
HH	HANDHOLE
HID	HIGH INTENSITY DISCHARGE
HK	HOOK
HM	HOLLOW METAL
HOA	HAND-OFF-AUTO
HOR	HAND-OFF-REMOTE
HORIZ	HORIZONTAL
HP	HORSEPOWER
HPT	HIGH POINT
HPU	HYDRAULIC POWER UNIT
HR	HOSE RACK, HANDRAIL
HV	HOSE VALVE
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HWL	HIGH WATER LEVEL
IC	INTERRUPTING CAPACITY
ID	INDUCED DRAFT, INSIDE DIAMETER
IE	INVERT ELEVATION
I.F.	INSIDE FACE
IG	INSULATING, INSULATING GLASS
IN	INCH
INCAND	INCANDESCENT
INFL	INFLUENT
INJS	INJECTIONS
INST	INSTANTANEOUS
INSTM	INSTRUMENT, INSTRUMENTATION
INSUL	INSULATION
INVT	INVERT
IP	INLET PROTECTION, INSTRUMENTATION PANEL
IRRIG	IRRIGATION
ITG	INSULATED TEMPERED GLASS
ITX	ISOLATION TRANSFORMER
IU	INTAKE UNIT
IW	IRRIGATION WELL
J	JALOUSIE
JA	JAL-AWNING
JB	JUNCTION BOX
JAN	JANITOR
JCT	JUNCTION
JT	JOINT
K	KEY GROUP, KEY INTERLOCK
KIP	THOUSAND POUNDS
KIT	KITCHEN
K-PL	KICKPLATE
kPa	KILOPASCAL
KSK	KITCHEN SINK
KV	KILOVOLTS
KVA	KILOVOLT AMPERES
KVAR	KILOVOLT AMPERES REACTIVE
KW	KILOWATT
L	ANGLE, LENGTH
LA	LIGHTNING ARRESTER
LAB	LABORATORY
LAM	LAMINATE
LAT	LATITUDE
LB	POUND
LC	LIGHTING CONTACTOR
LD	COMBINATION LOUVER/DAMPER
LDG	LOADING DOCK
LEL	LOWER EXPLOSIVE LIMIT
LF	LINEAR FEET
LG	LONG
LH	LEFT HAND
LL	LIVE LOAD
LHR	LEFT HAND REVERSE
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LNTL	LINTEL
LONG	LONGITUDINAL
LOS	LOCK-OUT STOP PUSHBUTTON
LP	LIGHT POLE, LIGHTING PANEL, LOCAL PANEL
LPT	LOW POINT
LR	LATCHING RELAY
LR	LOCAL-REMOTE
LR	LONG RADIUS
LS	LABORATORY SINK
LT	LEFT
LTG, LTS	LIGHTS OR LIGHTING
LTX	LIGHTING TRANSFORMER
LWL	LOW WATER LEVEL
MA	MANUAL-AUTO
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MC	MASONRY CLEARANCE
MC	MODULATE-CLOSE
MCC	MOTOR CONTROL CENTER
MCJ	MASONRY CONTROL JOINT
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MFD	MANUFACTURED
MFR	MANUFACTURER
MGD	MILLION GALLONS PER DAY
MH	MANHOLE, MOUNTING HEIGHT
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
MLO	MAIN LUGS ONLY
MMDW	DRY WEATHER MAXIMUM MONTH
MMP	MECHANICAL MOUNTING PANEL
MMWW	WET WEATHER MAXIMUM MONTH
MO	MANUAL OPERABLE, MASONRY OPENING
MP	METAL PANEL
MPa	MEGAPASCAL
MPU	MULTIPURPOSE UNIT
MS	MANUFACTURER'S STANDARD
MSC	MANUFACTURER SUPPLIED CABLE
MSR	GROUPED MOTOR CONTROL
MT	MOUNT
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
MTS	MILL TYPE STEEL PIPE
MU	MULCHING
MV	MERCURY VAPOR
MWS	MAXIMUM WATER SURFACE
N	NORTH, NEUTRAL
NA	NOT APPLICABLE
NA	NON-AUTOMATIC
NC	NORMALLY CLOSED
NEUT	NEUTRAL
NG	NATURAL GAS
NGVD	NATIONAL GEODETIC VERTICAL DATUM
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
NO., #	NUMBER
NOM	NOMINAL
NP	NON-PROTECTED
NPT	NATIONAL PIPE THREADS
NS	NON-SHRINK
NTS	NOT TO SCALE
O2	OXYGEN
O TO O	OUT TO OUT
OA	OVERALL, ODOROUS AIR
OC	ON CENTER
OC	OPEN-CLOSE (O)
OCA	OPEN-CLOSE-AUTO
OCR	OPEN-CLOSE-REMOTE
OD	OUTSIDE DIAMETER, OVERFLOW DRAIN
O.F.	OUTSIDE FACE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OL	OVERLOAD RELAY
OO	ON-OFF
OOA	ON-OFF-AUTO
OOR	ON-OFF-REMOTE
OP	OPAQUE PANEL, OUTLET PROTECTION
OPER	OPERATOR
OPNG	OPENING
OPP	OPPOSITE
OSA	OUTSIDE AIR
OSC	OPEN-STOP-CLOSE
OSD	OPEN SITE DRAIN
OWSJ	OPEN WEB STEEL JOIST
OZ	OUNCE
P	PROJECTED
P	PILASTER, PIPE
PAVT	PAVER TILE
PB	PUSHBUTTON SWITCH
PC	POINT OF CURVE, PHOTOCELL
PC	PRECAST CONCRETE PANEL
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE
PCV	PRESSURE CONTROL VALVE
PE	PLAIN END
PED	PEDESTAL, PEDESTRIAN
PEP	POLYETHYLENE PIPE
PEN.	PENETRATION
PFC	POUNDS PER CUBIC FOOT
PH	PENTHOUSE
pH	HYDROGEN ION CONCENTRATION
PH	PHASE
PI	POINT OF INTERSECTION
PIT	PILOT TUBE TEST STATION
PJF	PREMOULDED JOINT FILLER
PL	PLATE (STEEL)
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER, PLASTIC
PLC	PROGRAMMABLE LOGIC CONTROLLER
PLYWD	PLYWOOD
PNL	PANEL
PP	POWER POLE
P-P	PUSH-PULL
PPL	POLYPROPYLENE LINED
PR	PAIR
PRC	POINT OF REVERSE CURVE
PRCST	PRECAST
PREFAB	PREFABRICATION
PRES	PRESSURE
PRI	PRIMARY
PRM	PERMANENT REFERENCED MARKER
PROJ	PROJECTION
PROP	PROPERTY
PS	PLASTIC SHEET, POLYCARBONATE SHEET
PS	PAINT SYSTEM
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH, GAUGE
PT	POINT OF TANGENCY
PT	POTENTIAL TRANSFORMER
PT	PRESSURE TREATED
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
PV	PLUG VALVE
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENCY
QAA	AVERAGE FLOW
QMM	MAXIMUM 30 DAY FLOW
QPI	PEAK INSTANTANEOUS FLOW
QPP	PEAK PUMPING FLOW
QT	QUARRY TILE
R	RISER
R OR RAD	RADIUS
RA	RETURN AIR
RC	REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
RCPT	RECEPTACLE
RD	ROAD, ROOF DRAIN
RDCR	REDUCER
RDW	REDWOOD
RECIR	RECIRCULATION
REF	REFER OR REFERENCE
REFR	REFRIGERATE, REFRIGERANT
REINF	REINFORCED, REINFORCING, REINFORCE
REQD	REQUIRED
RESIL	RESILIENT
RFS	ROLL-UP FIRE SHUTTER
RH	RIGHT HAND
RH	RODHOLE
RHR	RIGHT HAND REVERSE
RL	RAIN LEADER
RLD	RAIN LOAD
RLS	RUBBER LINED STEEL
RM	ROOM
RO	ROUGH OPENING
ROL	RAISE-OFF-LOWER
RPM	REVOLUTIONS PER MINUTE
RR	RIPRAP

NOTES:

1. CONTACT ENGINEER FOR ABBREVIATIONS USED BUT NOT SHOWN ON THIS DRAWING.

GENERAL NOTE:

1. THIS IS A STANDARD LEGEND SHEET. THEREFORE, NOT ALL OF THE INFORMATION SHOWN MAY BE USED ON THIS PROJECT.

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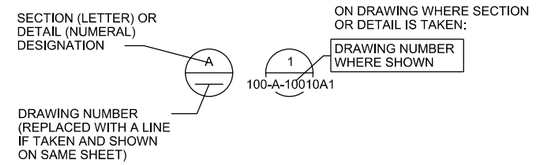
ABBREVIATIONS

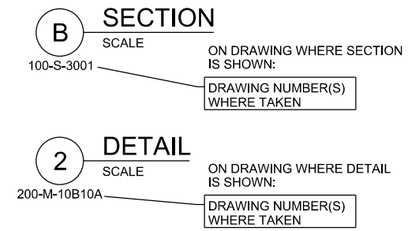
RRUB	RADIAL RUBBER
RS	RIGID STEEL
RST	REINFORCING STEEL
RT	RIGHT
RTN	RETURN
RTO	REGENERATIVE THERMAL OXIDIZER
RUB	RUBBER
RUBC	RUBBER CUSHIONED FLOORING
RUBS	RUBBER ESD CONTROL FLOORING
R/W	RIGHT OF WAY
S	I-BEAM
S	SLOPE, SOUTH, SWITCH
SA	SUPPLY AIR
SATC	SUSPENDED ACCUSTICAL TILE CEILING
SB	SEDIMENT BASIN
SC	SHOWER CURTAIN, SOLID CORE WOOD
SCADA	SUPERVISORY CONTROL AND DATA ACQUISITION
SCC	SOLID CORE
SCFM	STANDARD CUBIC FEED PER MINUTE
SCHED	SCHEDULE
SCU	SPEED CONTROL UNIT
SDP	SUB-DISTRIBUTION PANEL
SDWK	SIDEWALK
SEC	SECONDARY
SECT	SECTION
SED	SEDIMENTATION
SEW	SEWAGE
SG	LAMINATED SAFETY GLASS, SAFETY
SGWB	SUSPENDED GYPSUM WALL BOARD
SH	SHEET
SHA	SURFACE HARDENING AGENT
SHS	SOLIDS HANDLING SYSTEM
SIM	SIMILAR
SK	SINK
SL	SNOW LOAD
SLR	SEALER
SMLS	SEAMLESS EPOXY
SOI	SPRAY- ON INSULATION
SOLN	SOLUTION
SP	SPACE OR SPACES, SPANDREL PANEL, STORMPROOF
SPEC, SPECS	SPECIFICATIONS
SPD	SUMP PUMP DISCHARGE
SPG	SPACING
SPLY	SUPPLY
SQ	SQUARE
SQ FT	SQUARE FOOT, FEET
SQ IN	SQUARE INCH
SR	SHORT RADIUS
SS	START-STOP
SST	STAINLESS STEEL
SSC	SUPERVISORY SET POINT CONTROL
ST	STORM DRAIN
ST	STRAIGHT
STA	STATUS, STATION
STD	STANDARD
STIF	STIFFENER
STIRR	STIRRUP
STL	STEEL
STRL	STRUCTUAL
STRUCT	STRUCTURE
SUBFL	SUBFLOOR
SUSP	SUSPENDED
SV	SOLENOID VALVE
SVIN	SHEET VINYL
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SYMM	SYMMETRICAL
T	THERMOSTAT, TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TA	TRANSFER AIR
TAN	TANGENT
TB	TERMINAL BOARD
TBG	TUBING
TC	TIME TO CLOSE
TC	TURBIDITY CURTAIN
TCAD	TIME CLOSE AFTER DE-ENERGIZATION
TCAE	TIME CLOSE AFTER ENERGIZATION
TDH	TOTAL DYNAMIC HEAD
TDR	TIME DELAY RELAY
TECH	TECHNICAL
TEL	TELEPHONE
TEMP	TEMPORARY, TEMPERATURE
TF	TOP FACE
TFG	TEMPERED FLOAT GLASS
TG	TEMPERED
TH	TOP-HINGED
THD	THREAD
THK	THICKNESS
THRU	THROUGH
TJB	TERMINAL JUNCTION BOX
TL	TEFLON LINED PIPE
T.O.	TIME TO OPEN, TOP OF
TOAE	TIME OPEN AFTER ENERGIZATION
TOC	TOP OF CONCRETE
TOC	TOP OF CURB
TOD	TIME ON DELAY, TOP OF DUCT
	TOTAL OXYGEN DEMAND
TOF	TOP OF FOOTING
TOG	TOP OF GROUT, TOP OF GRATE
T.O.P.	TOP OF PARAPET
TOS	TOP OF SLAB
TOW	TOP OF WALL
TP	TURNING POINT
TR	TRANSOM, TRUSS
TRANS	TRANSFORMER, TRANSITION
TRANSV	TRANSVERSE
TRD	TREAD
TS	TEMPORARY SEEDING, TUBE STEEL
TSHT	THRESHOLD
TSS	TOTAL SUSPENSION SOLIDS
TST	TOP OF STEEL
TTC	TELEPHONE TERMINAL CABINET
TTD	TOILET TISSUE DISPENSER
TU-X	TREATMENT UNIT NO. X
TURB	TURBIDITY
TWP	TRANSLUCENT WALL PANEL
TX	TRANSFORMER
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
USB	UNIT SUBSTATION
UVR	UNDER VOLTAGE RELAY
V	VENT, VALVE
V	VOLTMETER, VOLTS
VB	VAPOR BARRIER (RETARDER)
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VCT	VINYL COMPOSITION TILE
VEL	VELOCITY
VERT	VERTICAL
VHC	VOLATILE HYDROCARBONS
VIB	VIBRATION
VIF	VERIFY IN FIELD
VIN	VINYL
VINT, VT	VINYL TILE
VP	VERTICAL PIVOTED
VPS	VENEER PLASTER SYSTEM
VPC	POINT OF VERTICAL CURVATURE
VPI	POINT OF VERTICAL INTERSECTION
VPT	POINT OF VERTICAL TANGENT
VS	VERTICAL SLIDE
VTR	VENT THRU ROOF
VWC	VINYL WALL COVERING
W	WEST
W/	WITH
WC	WATER COLUMN
WEASTRIP	WEATHERSTRIP
WG	WIRE, WIRE GLASS
WH	WATTHOUR METER
WHD	WATTHOUR DEMAND METER
WP	WATERPROOF, WEATHERPROOF, WORKPOINT
WR	WASTE RECEPTACLE
WRB	WATER RESISTANT GWB
WS	WATER SURFACE, WATERSTOP, WELDED STEEL
WWF	WELDED WIRE FABRIC
WWPH	WET WEATHER PEAK HOUR

NOTES:

1. CONTACT ENGINEER FOR ABBREVIATIONS USED BUT NOT SHOWN ON THIS DRAWING.

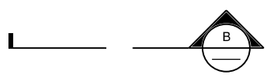
SECTION / DETAIL DESIGNATIONS



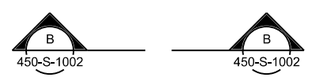


DRAWING TITLE
SCALE

ON DRAWING WHERE ONLY A TITLE IS REQUIRED WITH NO REFERENCE (eg: ELEVATIONS)



SECTION CALLOUT WHERE SECTION IS ON THE SAME SHEET AND CUT EXTENDS TO A FIXED LIMIT



SECTION CALLOUT WHERE SECTION IS ON ANOTHER SHEET AND CUT EXTENDS THROUGHOUT ENTIRE SHEET

1 — GRID LINE INDICATOR

1 — KEYNOTE NUMBER

1 — REVISION / ADDENDA NUMBER

N — NORTH ARROW; CAN BE MODIFIED TO INCLUDE MAGNETIC NORTH ALONG WITH PROJECT NORTH

DESIGN DETAIL DESIGNATION

NOTES:

1. ALL DESIGN DETAILS ARE TYPICAL AND MUST BE USED IF DESIGN DETAIL DESIGNATION IS NOT SHOWN
2. THE TERM STANDARD DETAIL, OR A FORM OF IT, IS SYNOMONOUS WITH DESIGN DETAIL. THE DESIGN DETAILS REPRESENT THE CHARACTER AND NATURE OF THE WORK REQUIRED THROUGHOUT THE PROJECT. ALL ASSOCIATED WORK SHALL BE IN ACCORDANCE WITH THE DESIGN DETAILS SHOWN WHETHER THE DETAILS ARE SPECIFICALLY REFERENCED OR NOT.

GENERAL NOTE:

1. THIS IS A STANDARD LEGEND SHEET. THEREFORE, NOT ALL OF THE INFORMATION SHOWN MAY BE USED ON THIS PROJECT.

~~Not for~~ *Construction*; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

Jacobs

Dog River Pipeline Replacement
Project Location
City Of The Dalles
The Dalles, OR

GENERAL
ABBREVIATIONS AND GENERAL LEGEND

NO.	DATE	REVISION	BY	APVD
DSGN	DR	CHK	APVD	

B FULLER

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CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 — 1"

DATE	AUGUST 2021
PROJ	D3504800
DWG	01-G-0004
SHEET	of

20% DESIGN - NOT FOR CONSTRUCTION

GENERAL SITE NOTES:

1. SOURCE OF TOPOGRAPHY SHOWN ON THE CIVIL PLANS ARE BASE MAPS PROVIDED BY AKS ENGINEERING & FORESTRY, LLC. ADDITIONAL MAPPING HAS BEEN ADDED FROM AS-BUILT DATA. EXISTING CONDITIONS MAY VARY FROM THOSE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND ADJUST WORK PLAN ACCORDINGLY PRIOR TO BEGINNING CONSTRUCTION.
2. EXISTING TOPOGRAPHY, STRUCTURES, AND SITE FEATURES ARE SHOWN SCREENED AND/OR LIGHT-LINED. NEW FINISH GRADE, STRUCTURES, AND SITE FEATURES ARE SHOWN HEAVY-LINED.
3. HORIZONTAL DATUM: OCRS DUFUR-MADRAS NSRS11
4. VERTICAL DATUM: NAVD88.
5. MAINTAIN, RELOCATE, OR REPLACE EXISTING SURVEY MONUMENTS, CONTROL POINTS, AND STAKES WHICH ARE DISTURBED OR DESTROYED. PERFORM THE WORK TO PRODUCE THE SAME LEVEL OF ACCURACY AS THE ORIGINAL MONUMENT(S) IN A TIMELY MANNER, AND AT THE CONTRACTOR'S EXPENSE.
6. FOR LOCATION OF CONTROL POINT ON STRUCTURES, SEE STRUCTURAL DRAWINGS.
7. COORDINATES AND DIMENSIONS SHOWN FOR ROADWAY IMPROVEMENTS ARE TO FACE OF CURB OR EDGE OF PAVEMENT.
8. STAGING AREA SHALL BE FOR CONTRACTOR'S EMPLOYEE PARKING, CONTRACTOR'S TRAILERS AND ON-SITE STORAGE OF MATERIALS.
9. PROVIDE TEMPORARY FENCING AS NECESSARY TO MAINTAIN SECURITY AT ALL TIMES.
10. ELEVATIONS GIVEN ARE TO FINISH GRADE UNLESS OTHERWISE SHOWN.
11. SLOPE UNIFORMLY BETWEEN CONTOURS AND SPOT ELEVATIONS SHOWN.
12. UNLESS SHOWN ON THE LANDSCAPING PLANS, ALL DISTURBED AREAS NOT RECEIVING A HARD SURFACE SHALL BE COVERED WITH GRASS.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION CONTROL DEVICES DURING CONSTRUCTION. EROSION CONTROL DEVICES (X), (X) AND (X) ARE THE MINIMUM REQUIRED.
14. CONTRACTOR SHALL TAKE ALL OTHER MEASURES TO POSITIVELY PRECLUDE EROSION MATERIALS FROM LEAVING THE SITE. CONTRACTOR TO SUBMIT EROSION CONTROL PLAN.

GENERAL YARD PIPING AND UTILITIES NOTES:

1. EXISTING UNDERGROUND UTILITIES OBTAINED FROM AS-BUILTS AND FROM FIELD SURVEY. CONTRACTOR SHALL FIELD VERIFY DEPTH AND LOCATION PRIOR TO EXCAVATION. PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION.
2. FOR PIPING FLOW STREAM IDENTIFICATION, SEE PIPE SCHEDULE.
3. EXISTING PIPING AND EQUIPMENT ARE SHOWN SCREENED AND/OR LIGHT-LINED. NEW PIPING AND EQUIPMENT ARE SHOWN HEAVY-LINED.
4. UNLESS OTHERWISE SHOWN ALL PIPING SHALL HAVE A MINIMUM OF 3' COVER.
5. ALL PIPES SHALL HAVE A CONSTANT SLOPE BETWEEN INVERT ELEVATIONS UNLESS A FITTING IS SHOWN.
6. ALL NEW WATER PIPES MUST BE PROPERLY FLUSHED, PRESSURE TESTED, CHLORINATED AND BACTERIOLOGICALLY TESTED, AS SPECIFIED.
7. FOR TRENCHING AND BACKFILL, SEE (X).
8. FOR SURFACE RESTORATION OF ASPHALT CONCRETE, SEE (X), FOR GRAVEL ROADS, SEE (X), AND FOR GRASS, SEE SPECIFICATION_____.
9. MINIMUM ALLOWABLE CLEARANCE BETWEEN PIPES AT CROSSINGS SHALL BE 3". CONTROLLED DENSITY FILL SUPPORT IS REQUIRED AS SHOWN ON (X).

GENERAL NOTE:

1. THIS IS A STANDARD LEGEND SHEET. THEREFORE, NOT ALL OF THE INFORMATION SHOWN MAY BE USED ON THIS PROJECT.

CIVIL LEGEND

EXISTING	THIS CONTRACT	
× 157.7	⊗ 158.5	SPOT ELEVATION
155	155	CONTOUR LINE
	3:1	EMBANKMENT AND SLOPE
		DRAINAGEWAY OR DITCH
	CB OR CB	CATCH BASIN OR INLET
		TRENCH DRAIN
	OR	SIGN
	D OR S	MANHOLE
E	E	ELECTRICAL MANHOLE
H	H	ELECTRIC HANDHOLE
		POST OR GUARD POST
		GUY ANCHOR
		FIRE HYDRANT
		UTILITY POLE
		LIGHT POLE
	BM	BENCH MARK
		SURVEY CONTROL POINT OR POINT OF INTERSECTION
		BRUSH/TREE LINE
		TREE
		PROPERTY LINE
		CENTER LINE, BUILDING, ROAD, ETC.
		STAGING OR WORK AREA LIMITS
	N 1000.00 / E 1000.00	STRUCTURE, BUILDING OR FACILITY LOCATION POINT - COORDINATES
	B-1	BORING LOCATION AND NUMBER
	TP-2	TEST PIT LOCATION AND NUMBER
	P-3	PIEZOMETER LOCATION AND NUMBER
OR	OR	DEMOLITION
OR	OR	STRUCTURE, BUILDING OR FACILITY
		ASPHALT CONCRETE PAVEMENT
		GRAVEL SURFACING
		CONCRETE PAVEMENT
		CURB
		CURB AND GUTTER
		SINGLE SWING GATE
		DOUBLE SWING GATE
		SLIDING GATE
		GUARD RAIL
		CHAIN LINK FENCE
		ARCHITECTURAL FENCE
		WIRE FENCE
		CULVERT

YARD PIPING LEGEND

EXISTING	THIS CONTRACT	
	8" PE	NOMINAL PIPE DIAMETER / PIPE USE IDENTIFICATION
8" PE	8" PE	PIPING < 30" DIAMETER
		PIPING ≧ 30" DIAMETER
		EXISTING PIPE TO BE ABANDONED
		EXISTING PIPE TO BE REMOVED
		NON-FREEZE HOSE VALVE (V-X) X = NO. IN SPECIFICATIONS
		NON-FREEZE HOSE VALVE WITH HOSE RACK (V-X) X = NO. IN SPECIFICATIONS
		INDICATOR POST VALVE
		GATE VALVE AND VALVE BOX
		BUTTERFLY VALVE AND VALVE BOX
		PLUG VALVE AND VALVE BOX
		FLEXIBLE COUPLING
		90° ELBOW UP
		90° ELBOW DOWN
		BEND < 90° UP
		BEND < 90° DOWN
		CONCENTRIC REDUCER
		CAP OR PLUG
		CLEANOUT
		FIRE HYDRANT

EROSION CONTROL LEGEND

COVER PRACTICES	SYMBOL
TEMPORARY SEEDING	TS
MULCHING AND MATTING	MU
CLEAR PLASTIC COVERING	CPC
BUFFER ZONES	BZ
PERMANENT SEEDING AND PLANTING	PS
CONSTRUCTION ENTRANCE	
INTERCEPTOR DIKE	ID
INTERCEPTOR SWALE	IS
CHECK DAMS	X
OUTLET PROTECTION / RIPRAP	
FILTER FENCE	
STRAW BALE BARRIER (BIOFILTER)	
SEDIMENT TRAP (OR SUMP)	
SEDIMENT POND OR BASIN	

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

DSGN A GEORGE | DR B GYAOUROVA | CHK | APVD | BY B FULLER

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Dog River Pipeline Replacement
Project Location
City Of The Dalles
The Dalles, OR

Jacobs

GENERAL
CIVIL LEGEND

20% DESIGN - NOT FOR CONSTRUCTION

CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	AUGUST 2021
PROJ	D3504800
DWG	01-G-0010
SHEET	of

PLAN
1"=500'

0 500 1000 1500
Scale In Feet

LEGEND

DRAWING NUMBER

05-C-1001

SHEET LIMITS

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

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Dog River Pipeline Replacement
Mt. Hood National Forest
City Of The Dalles
The Dalles, OR

Jacobs

CIVIL

KEY PLAN

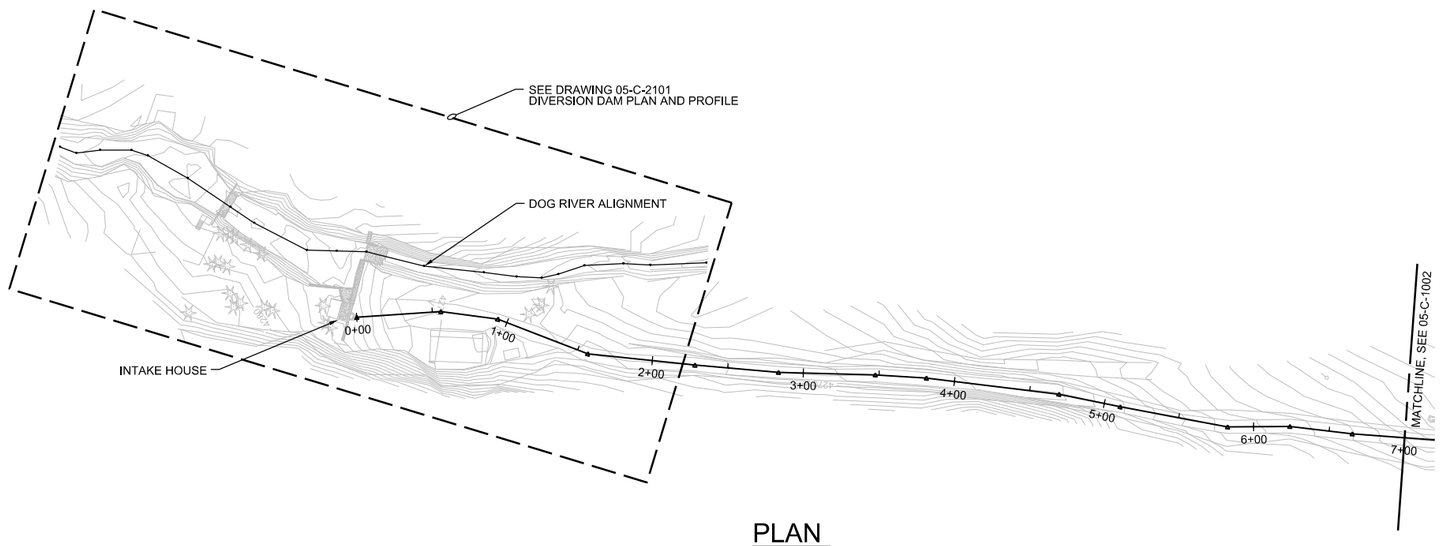
CONTRACT NO.: 2020-009

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

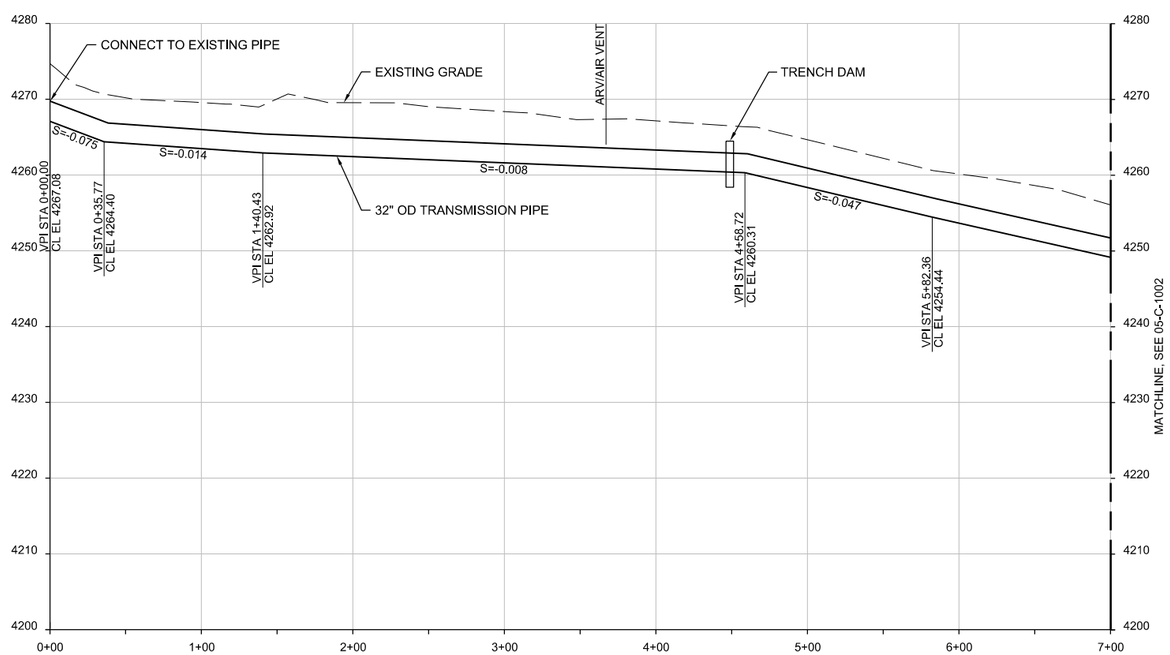
DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1000
SHEET	of

20% DESIGN - NOT FOR CONSTRUCTION



PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

0 50 100 150
Scale In Feet

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

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Mt. Hood National Forest
City Of The Dalles
The Dalles, OR

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CIVIL
PIPELINE
PLAN AND PROFILE 1

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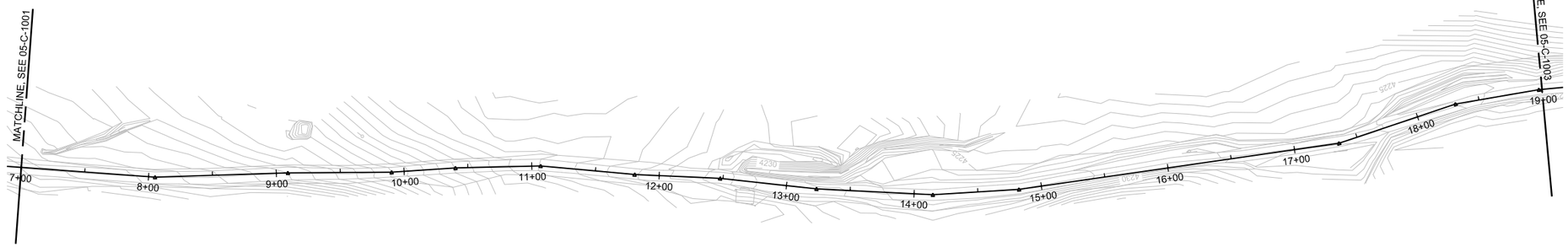
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1001
SHEET	of



PLAN

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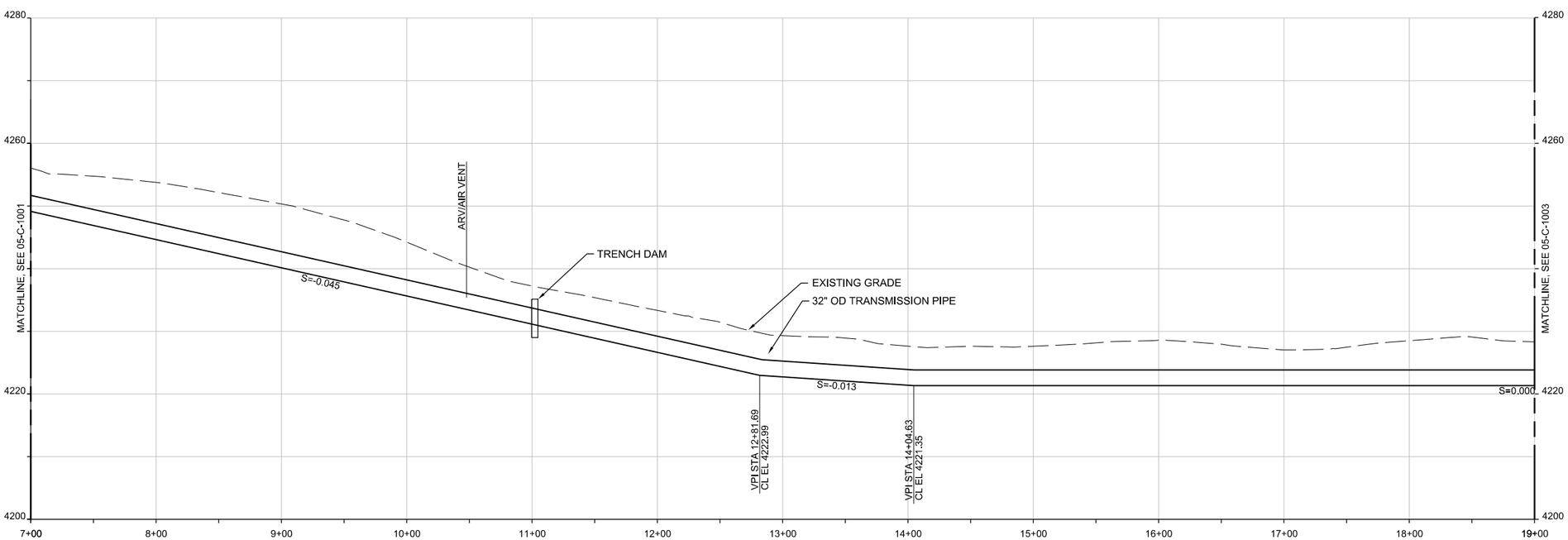

PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

0 50 100 150
Scale In Feet

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

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CHK	M BALDWIN	APVD	B FULLER

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CIVIL
PIPELINE
PLAN AND PROFILE 2

Dog River Pipeline Replacement
Mt. Hood National Forest
City Of The Dalles
The Dalles, OR

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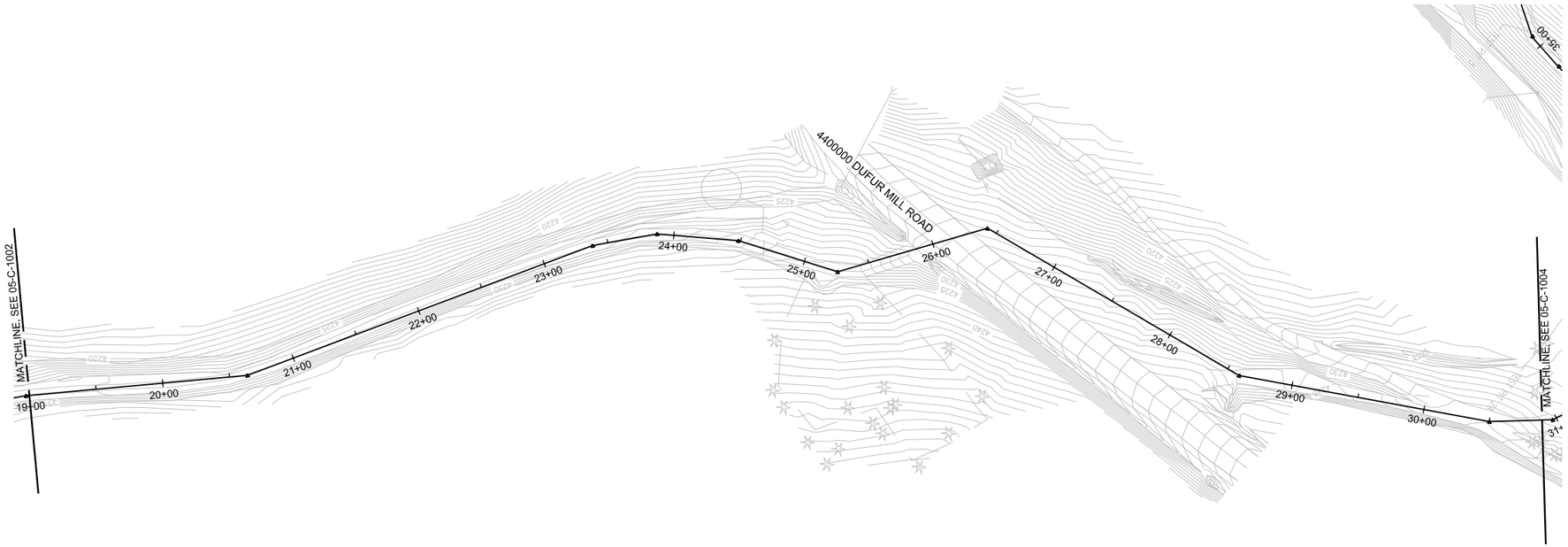
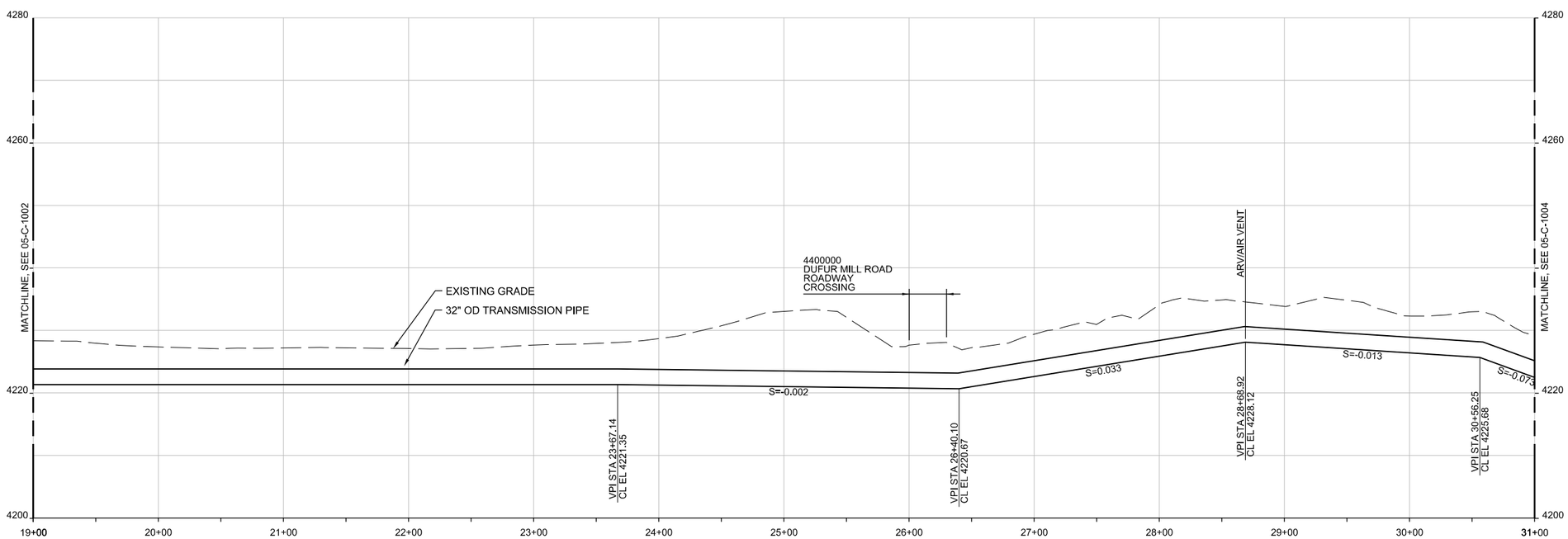
CONTRACT NO.: 2020-009	
VERIFY SCALE	
BAR IS ONE INCH ON ORIGINAL DRAWING. 0 1"	
DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1002
SHEET	of



PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

0 50 100 150
Scale In Feet

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

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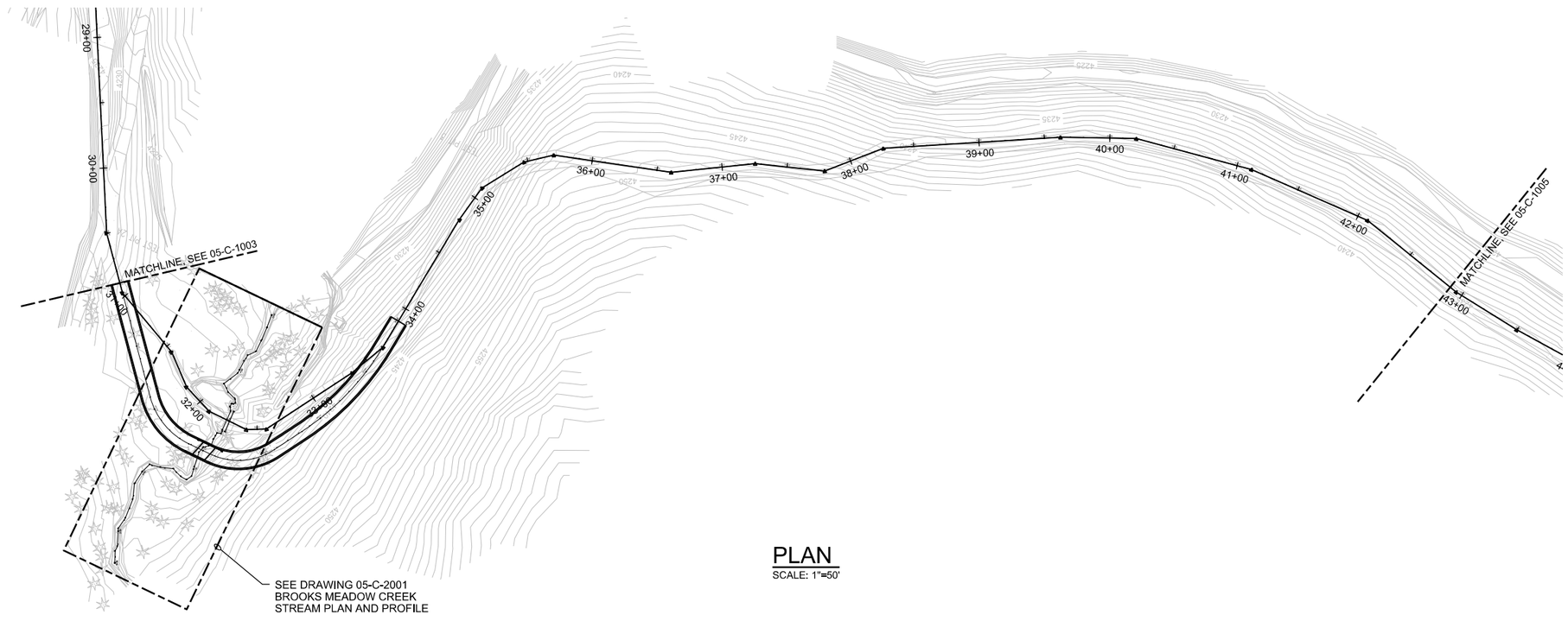
CIVIL
PIPELINE
PLAN AND PROFILE 3

CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1003
SHEET	of

20% DESIGN - NOT FOR CONSTRUCTION



PLAN

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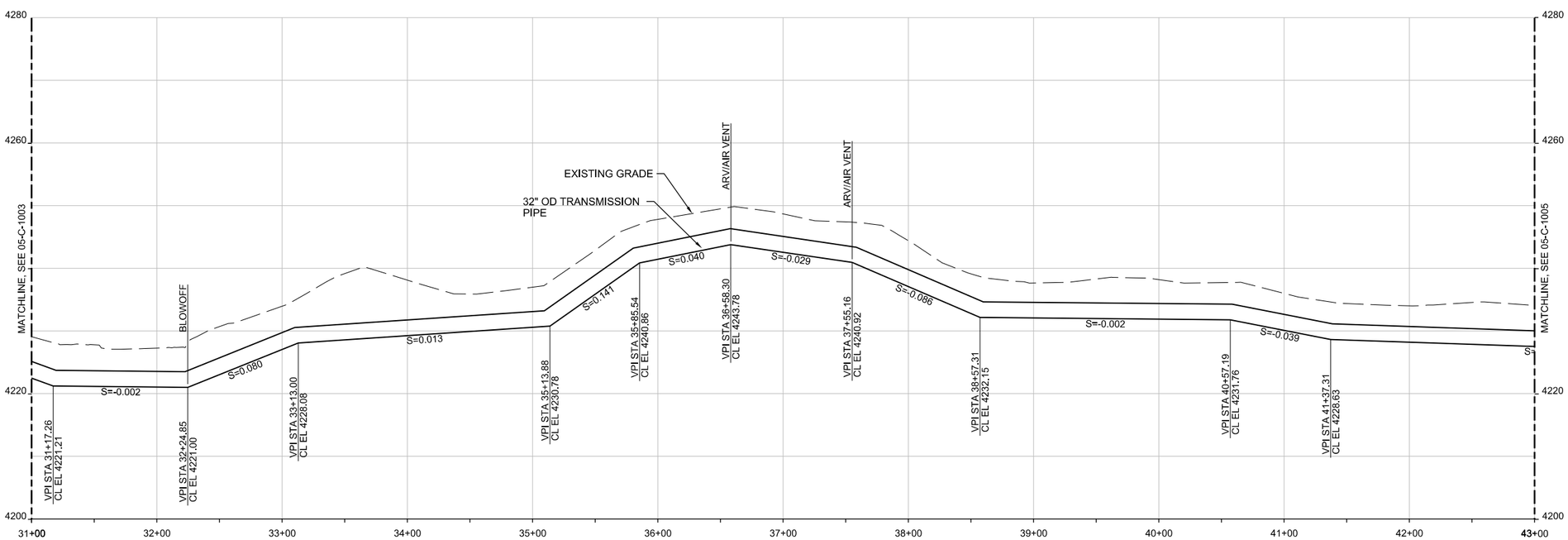

PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

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City Of The Dalles
The Dalles, OR

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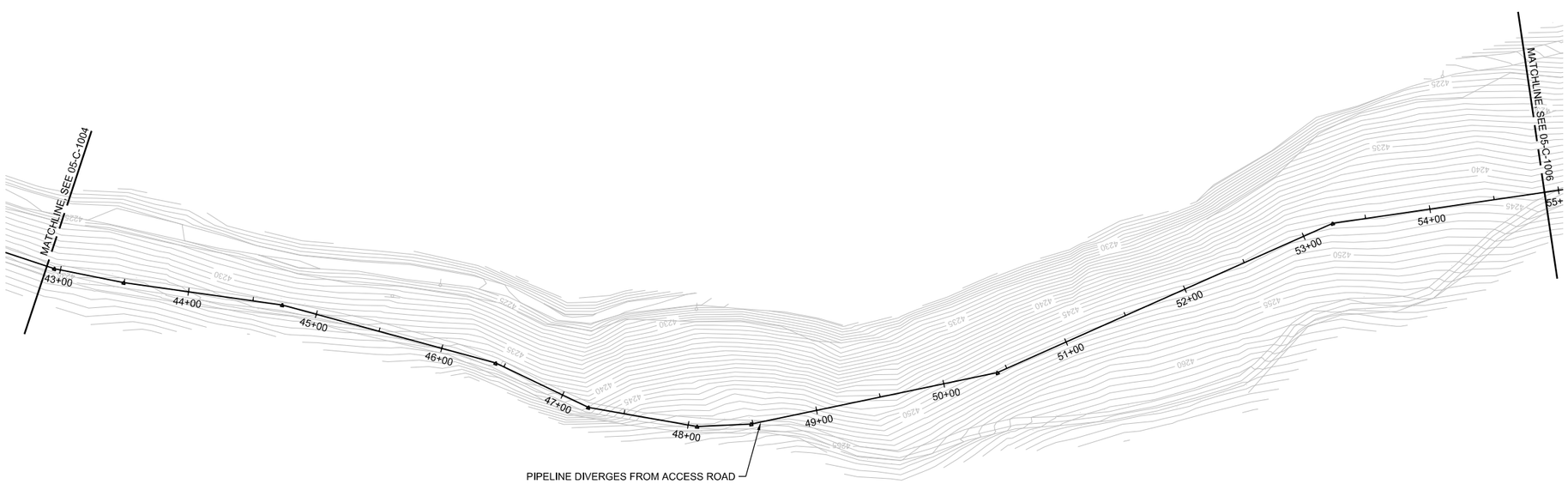
CIVIL
PIPELINE
PLAN AND PROFILE 4

CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

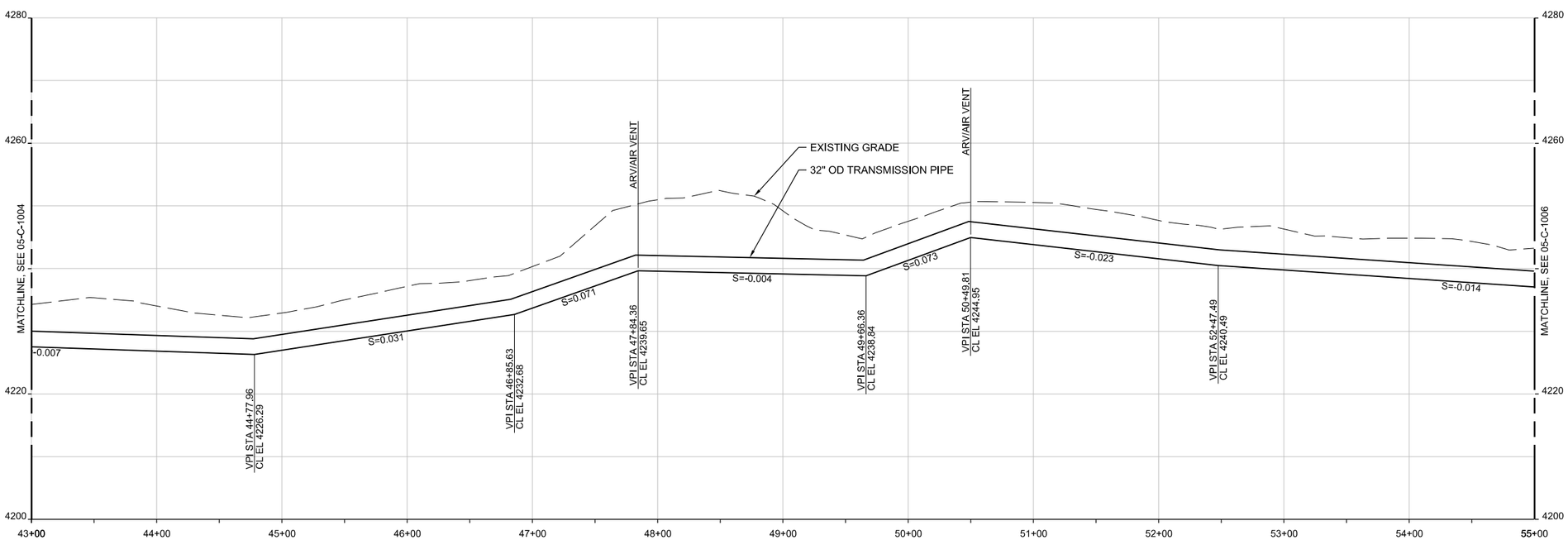
DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1004
SHEET	of

20% DESIGN - NOT FOR CONSTRUCTION



PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCLE: 1"=50'
VERTICAL SCALE: 1"=10'

N

0 50 100 150
Scale In Feet

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

DSGN A SITTEL | DR C ECKBERG | CHK M BALDWIN | APVD B FULLER

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Dog River Pipeline Replacement
Mt. Hood National Forest
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The Dalles, OR

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CIVIL
PIPELINE
PLAN AND PROFILE 5

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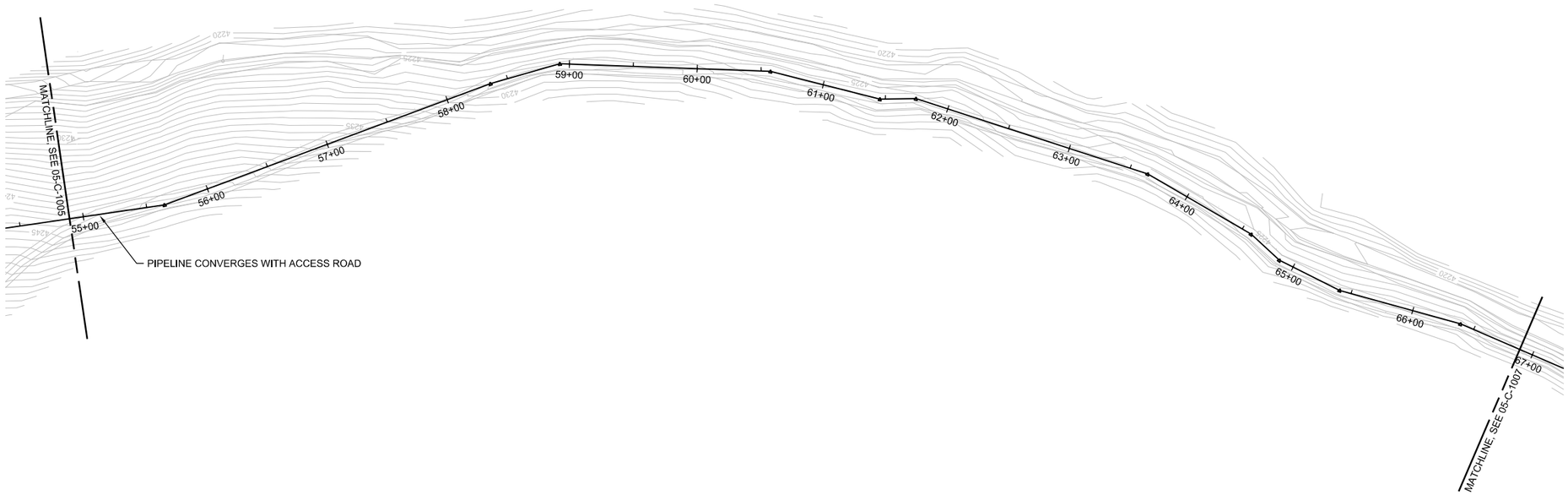
20% DESIGN - NOT FOR CONSTRUCTION

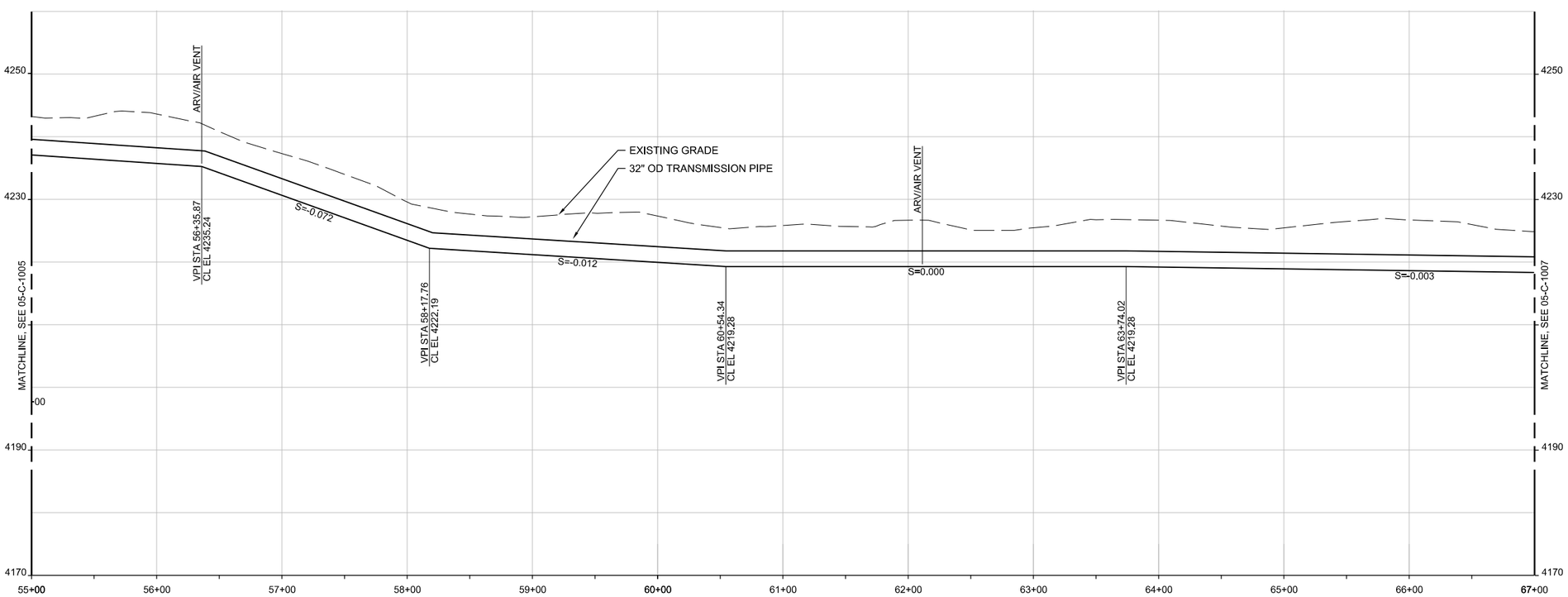
CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1005
SHEET	of



PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

N

0 50 100 150
Scale In Feet

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

DSGN A SITTEL | DR C ECKBERG | CHK M BALDWIN | APVD B FULLER

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PLAN AND PROFILE 6

Dog River Pipeline Replacement
Mt. Hood National Forest
City Of The Dalles
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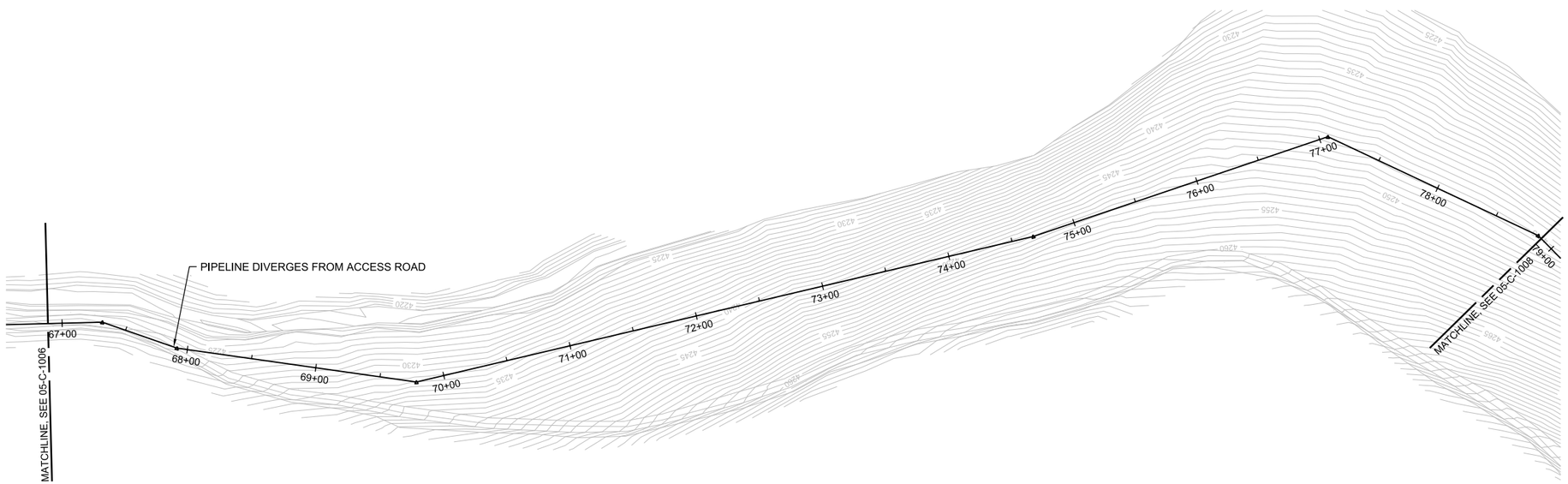
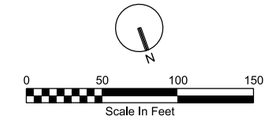
CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

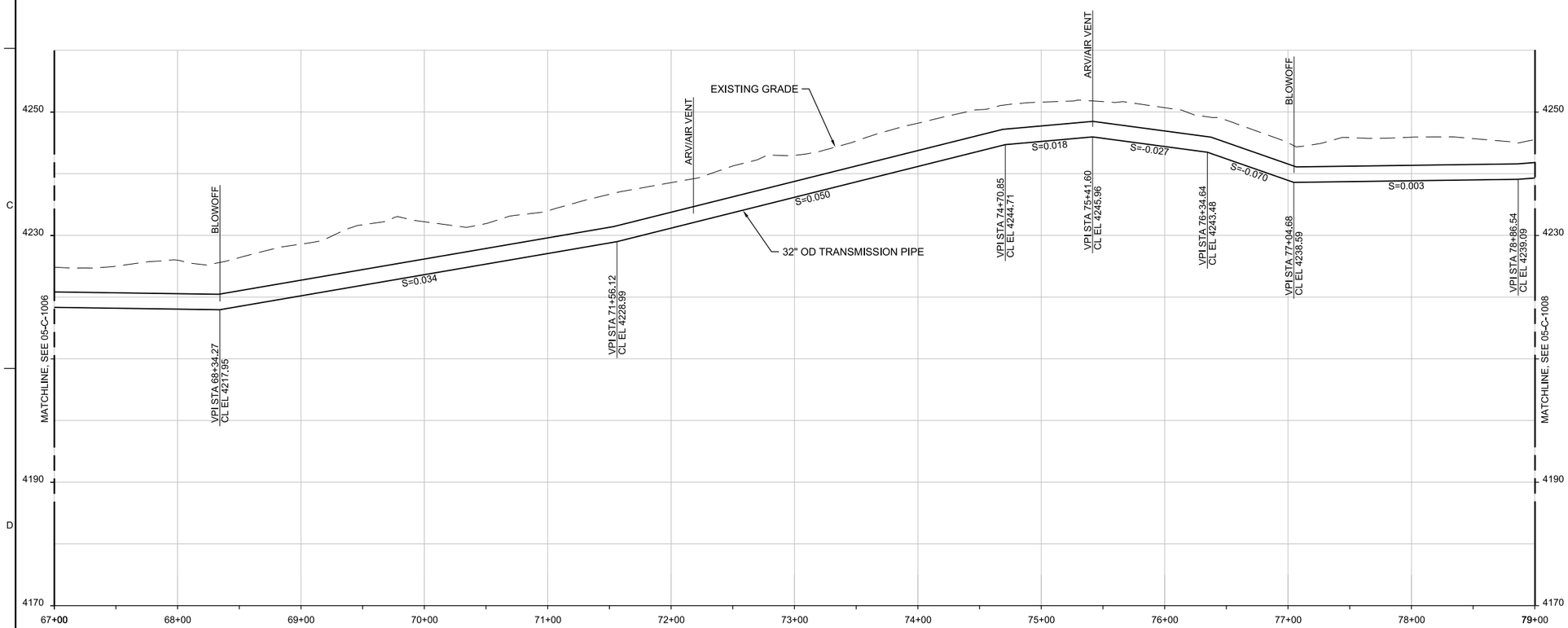
DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1006
SHEET	of



PLAN

SCALE: 1"=50'





PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

DSGN	DR	CHK	APVD
A SITTEL	C ECKBERG	M BALDWIN	B FULLER

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Project Location
City Of The Dalles
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0 1"

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DWG	05-C-1007
SHEET	of

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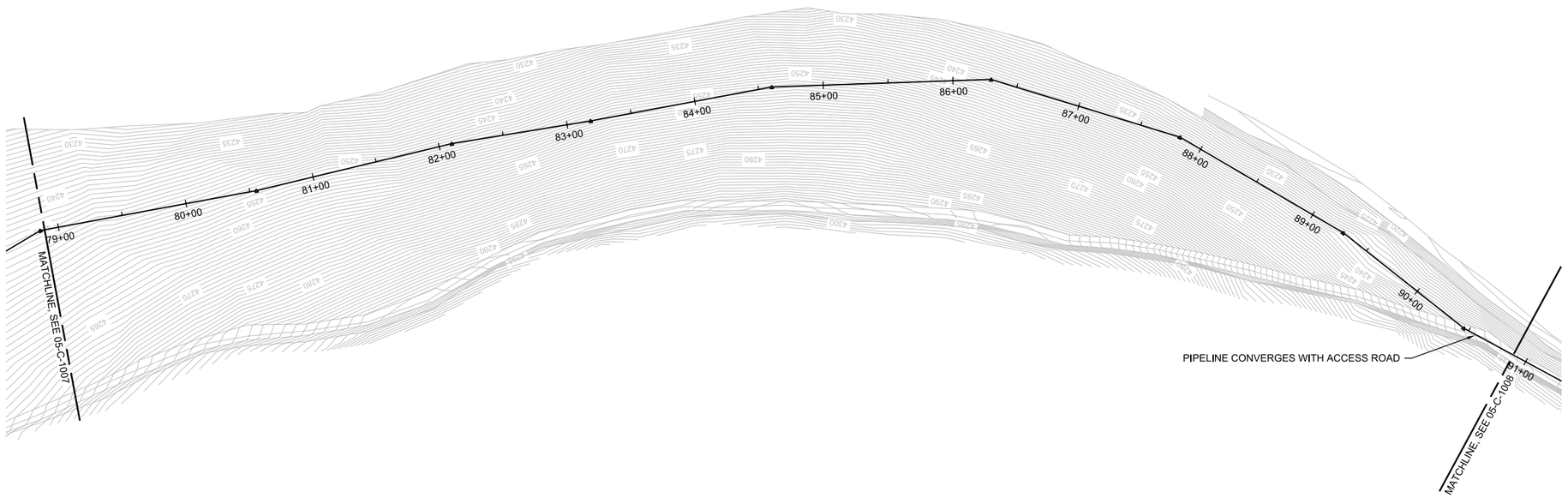
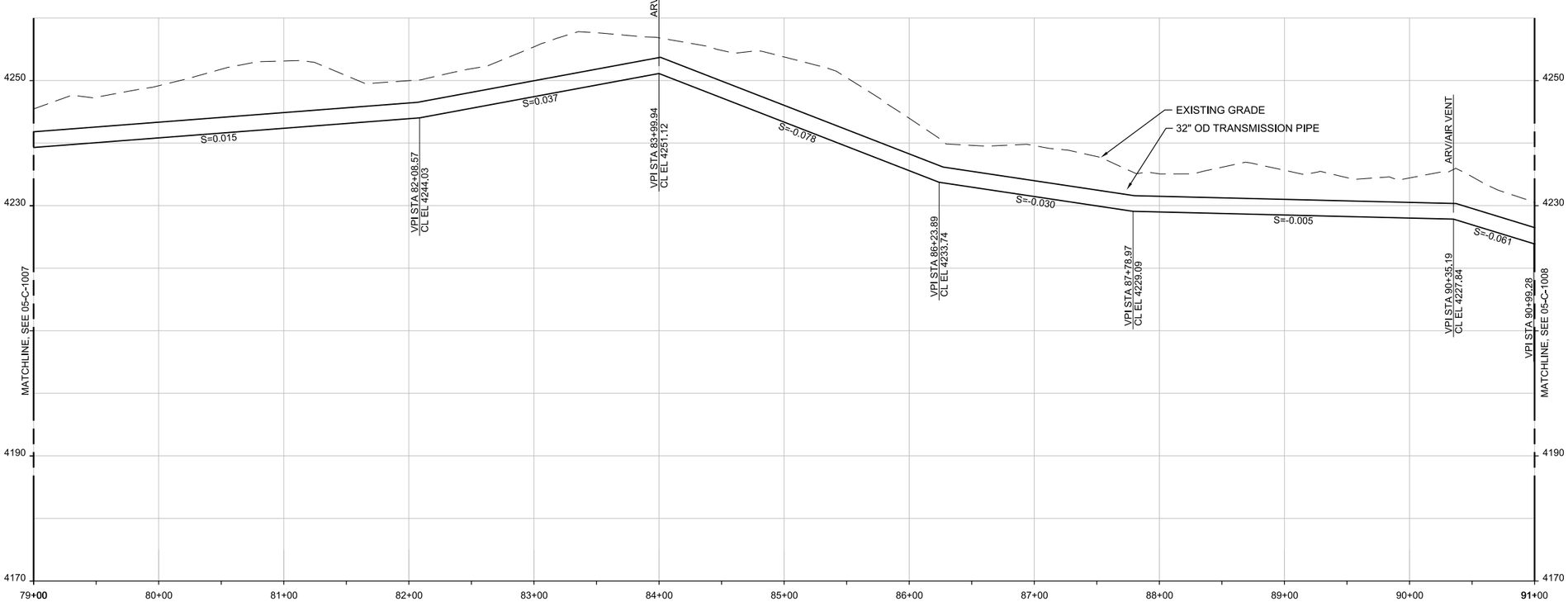


PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

DSGN DR CHK APVD

DESIGNER CROSSCHECKER CHECKED BY

B FULLER

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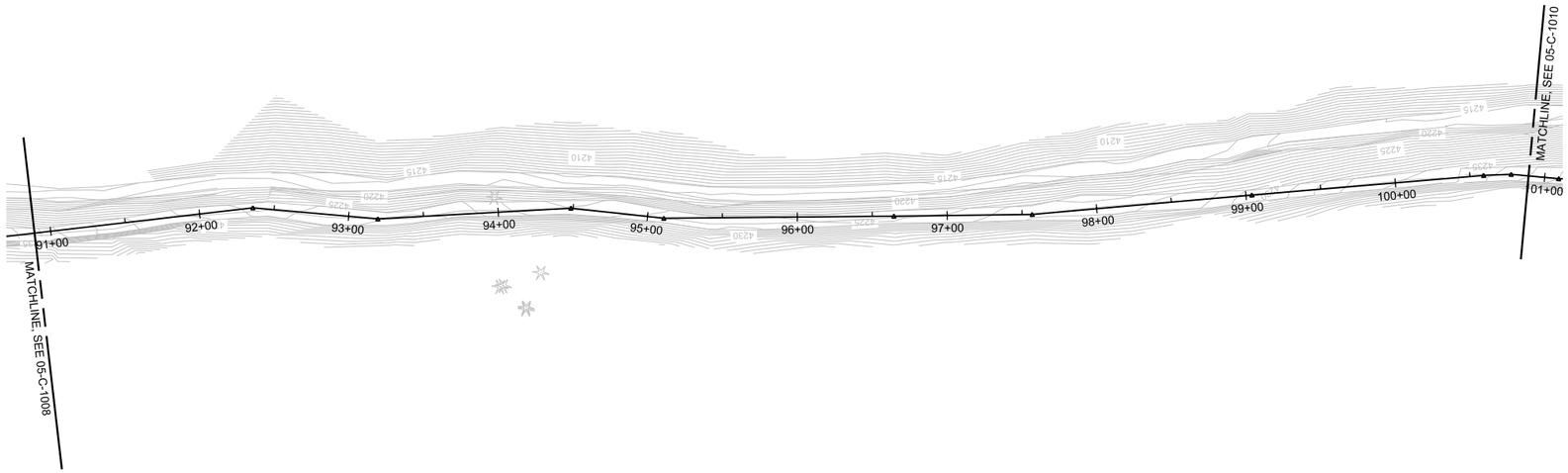
0 1"

DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1008
SHEET	of



PLAN

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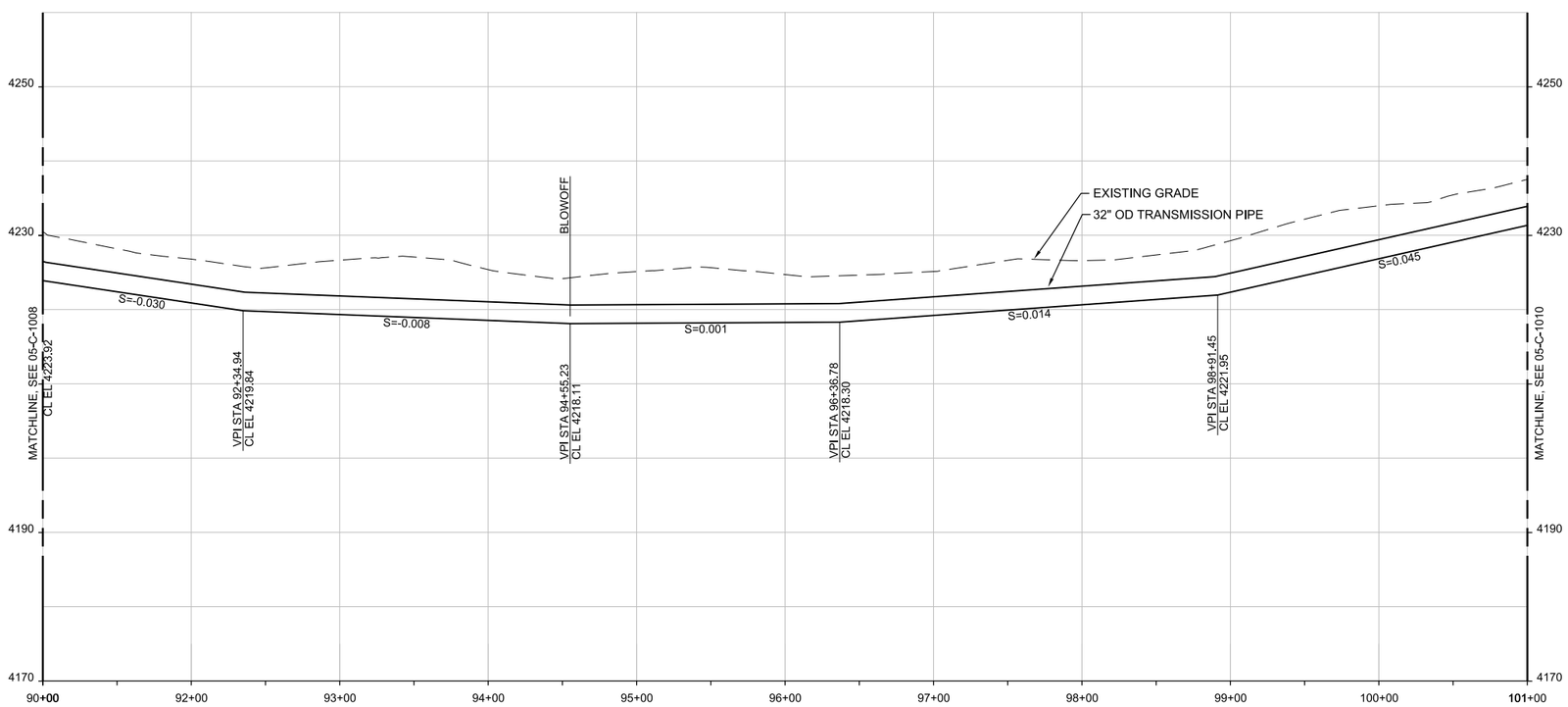

PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

0 50 100 150
Scale In Feet

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

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Dog River Pipeline Replacement
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PLAN AND PROFILE 9

CONTRACT NO.: 2020-009
VERIFY SCALE
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0 1"

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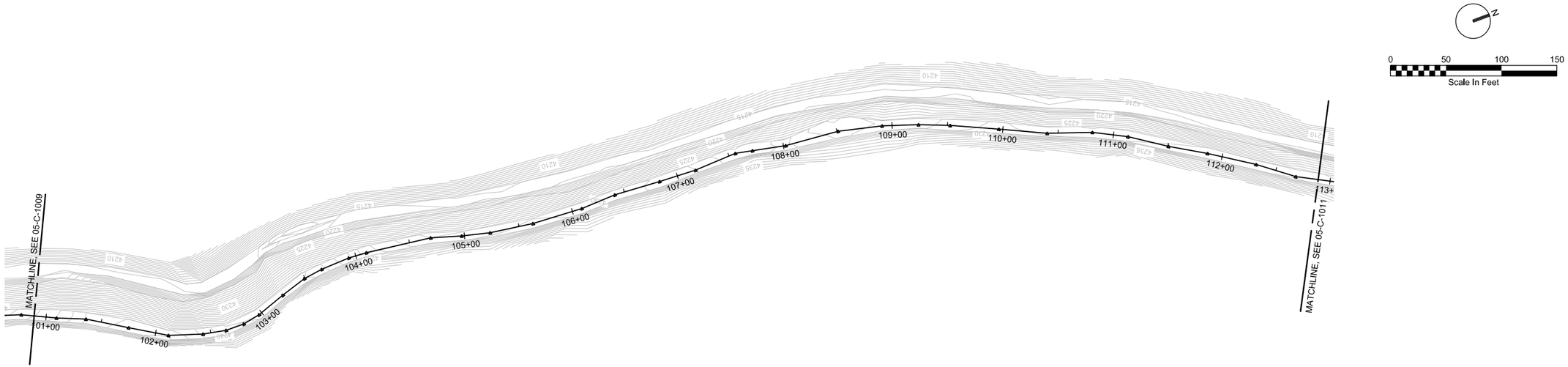
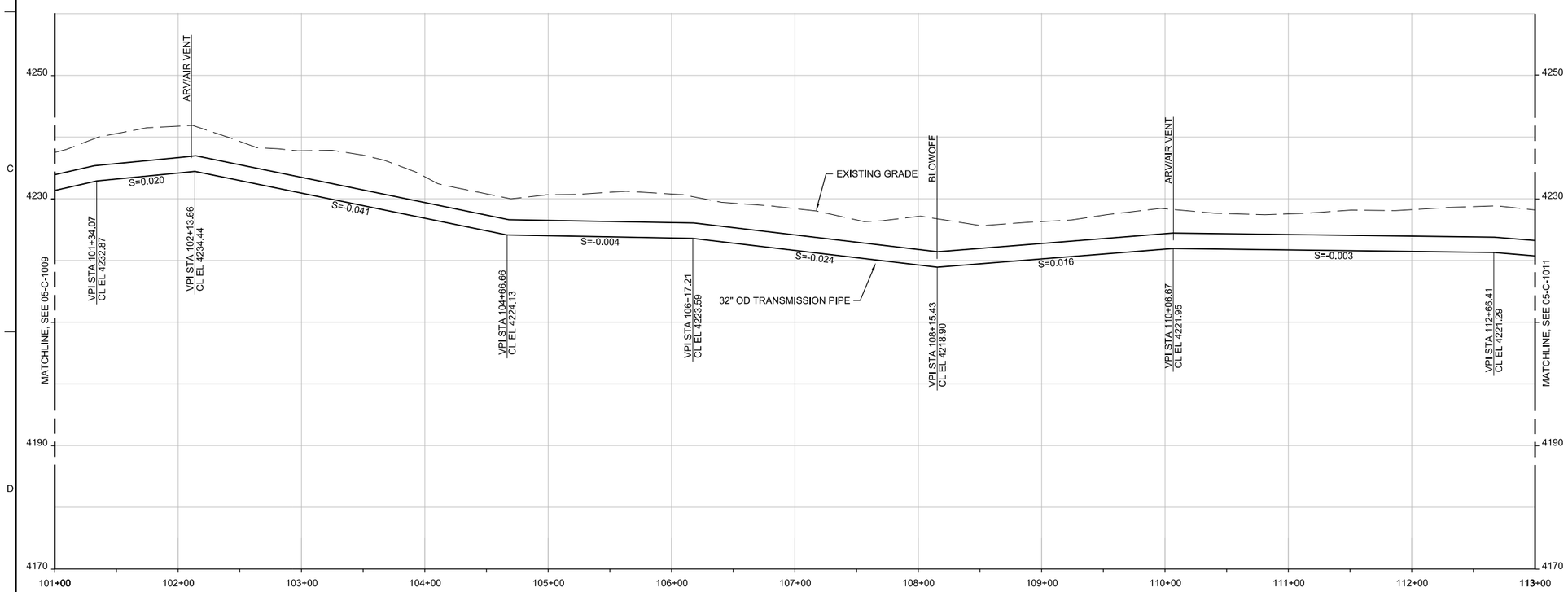


PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

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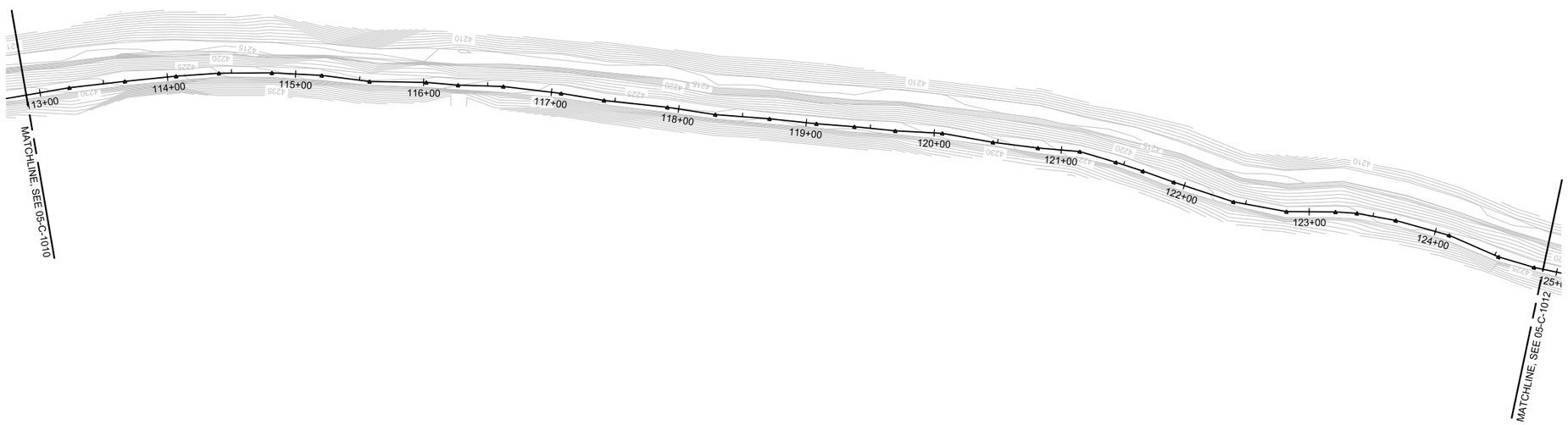
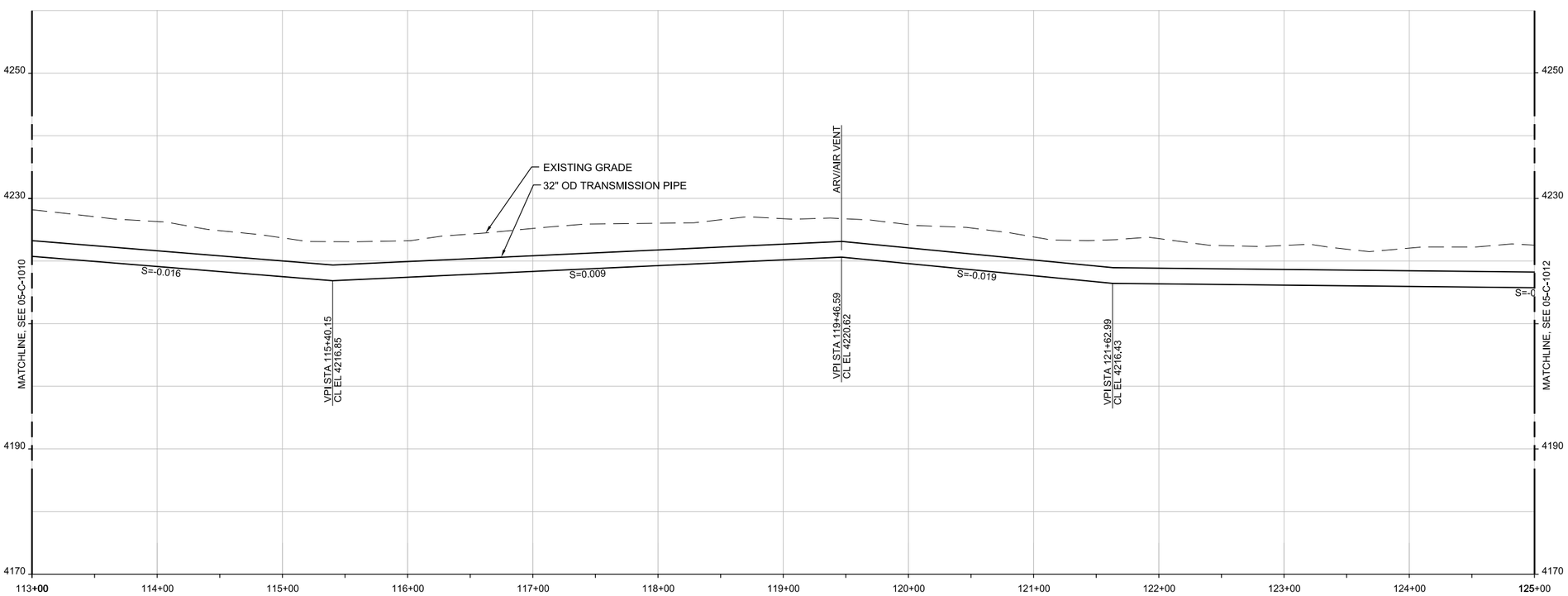
0 1"

DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1010
SHEET	of



PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

0 50 100 150
Scale In Feet

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

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PLAN AND PROFILE 11

CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

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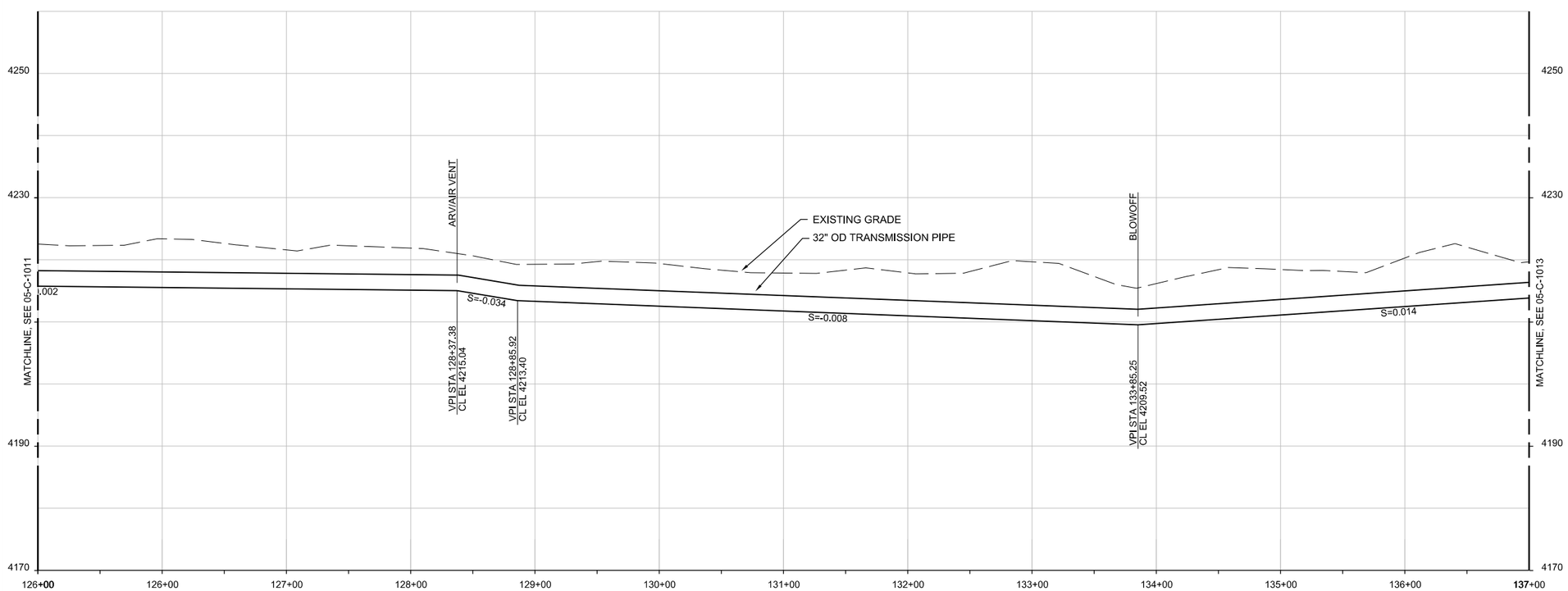
PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

0 50 100 150
Scale In Feet

N

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

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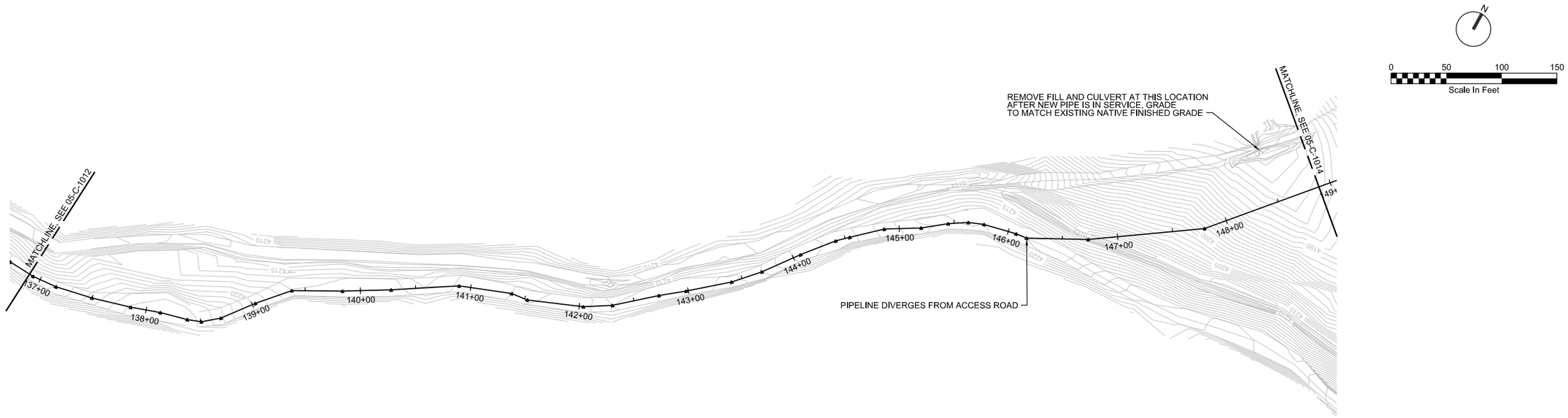
PLAN AND PROFILE 12

CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

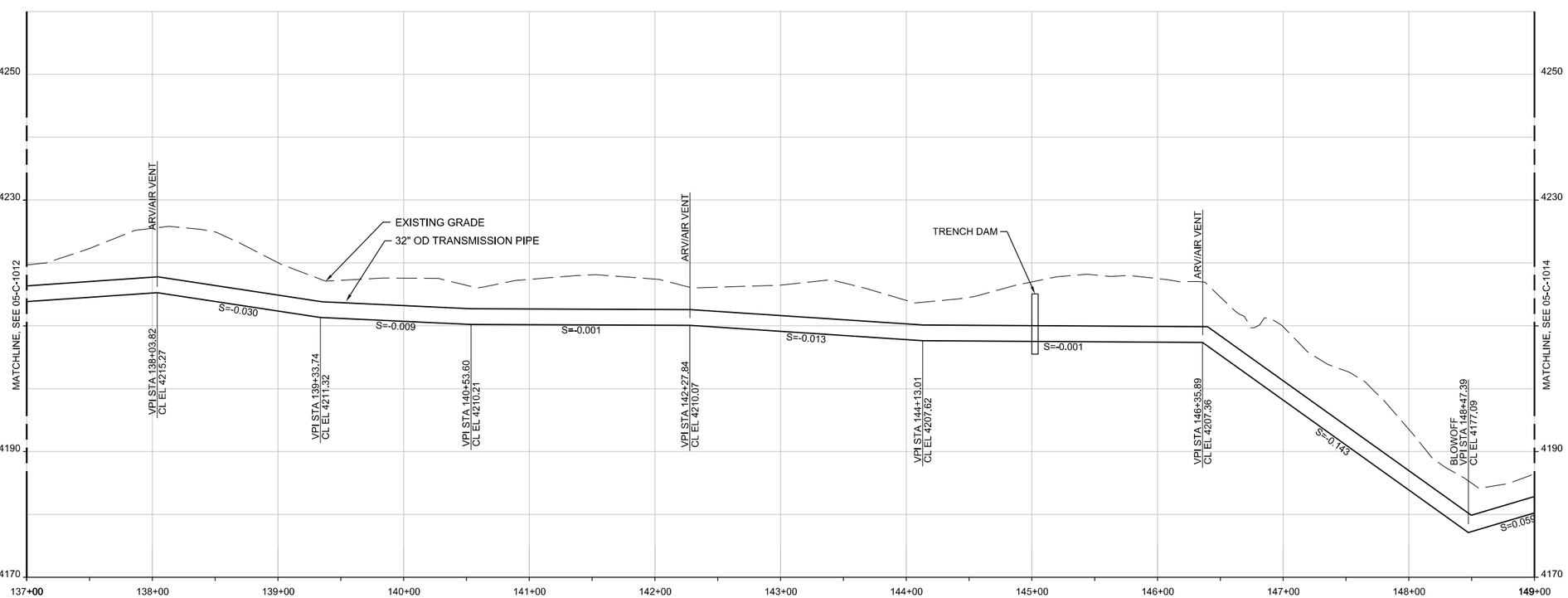
DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1012
SHEET	of

20% DESIGN - NOT FOR CONSTRUCTION



PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

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Mt. Hood National Forest
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0 1"

DATE	AUGUST 2021
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DWG	05-C-1013
SHEET	of

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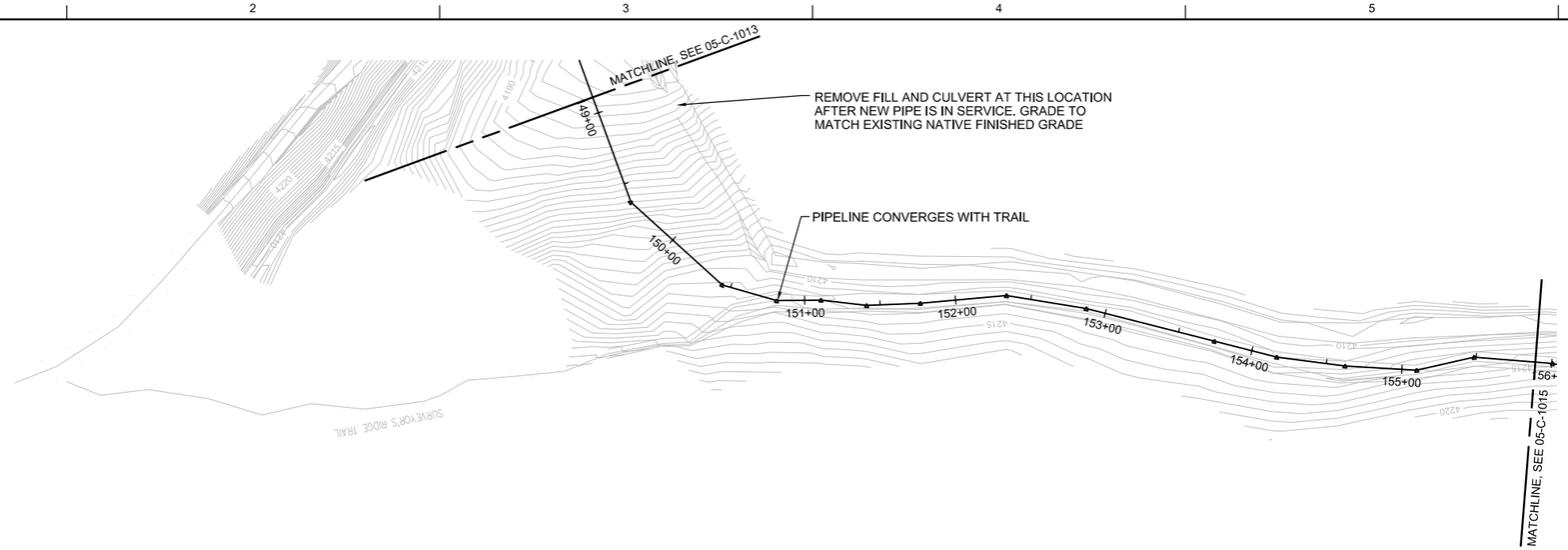
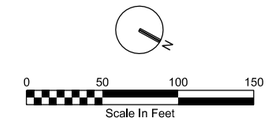
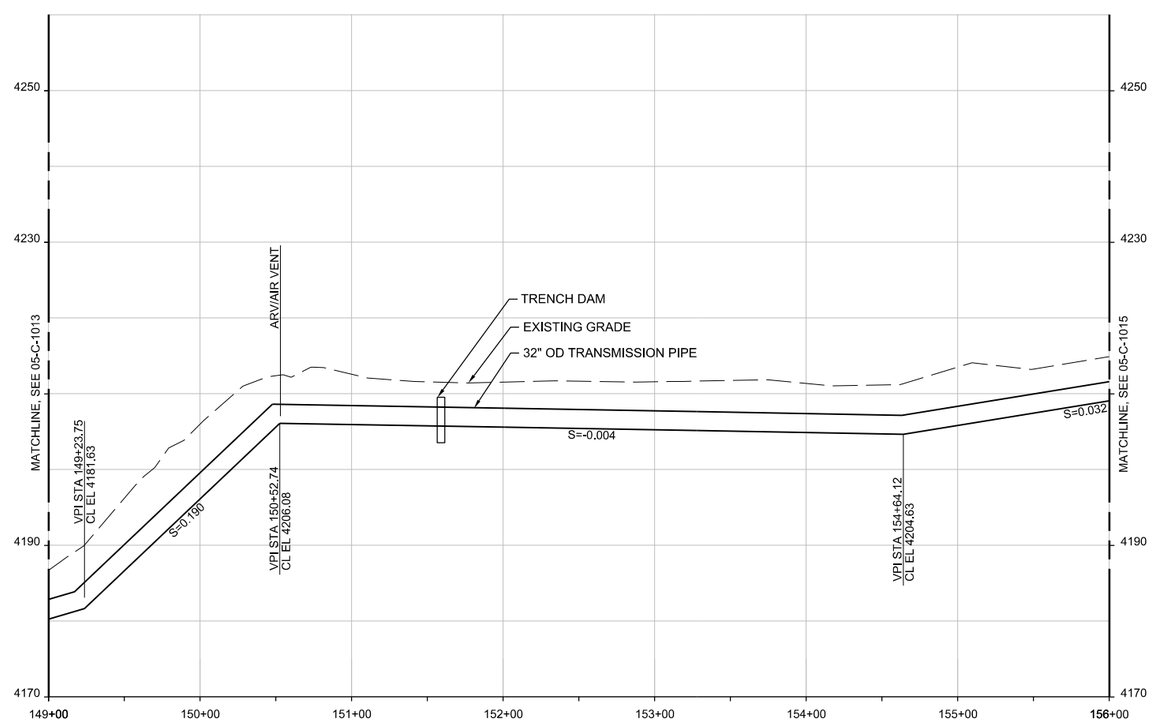




PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

DSGN	DR	CHK	APVD
A SITTEL	C ECKBERG	M BALDWIN	B FULLER

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Mt. Hood National Forest
City Of The Dalles
The Dalles, OR

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PLAN AND PROFILE 14

CONTRACT NO.: 2020-009
VERIFY SCALE
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0 1"

DATE	AUGUST 2021
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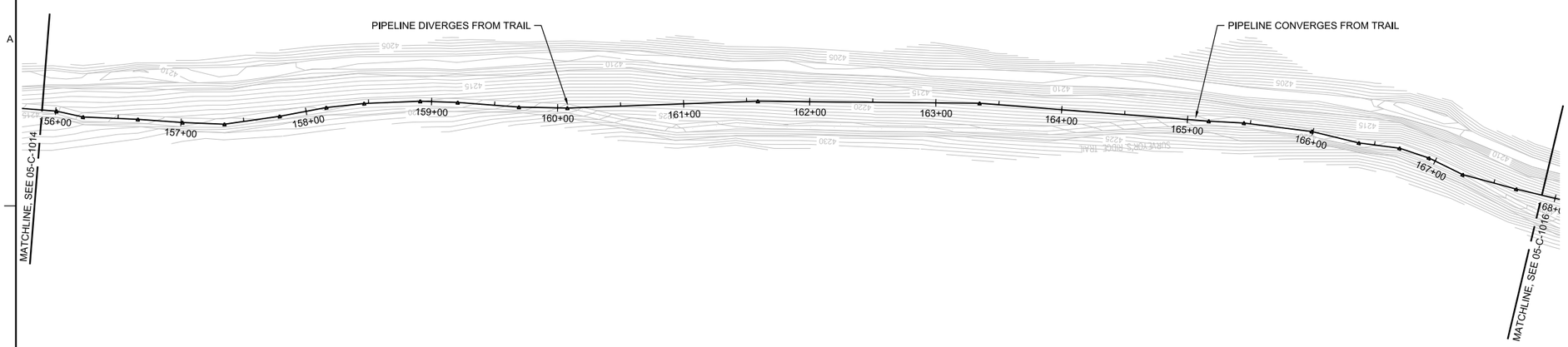

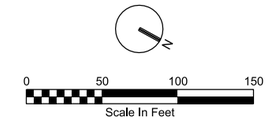

PLAN

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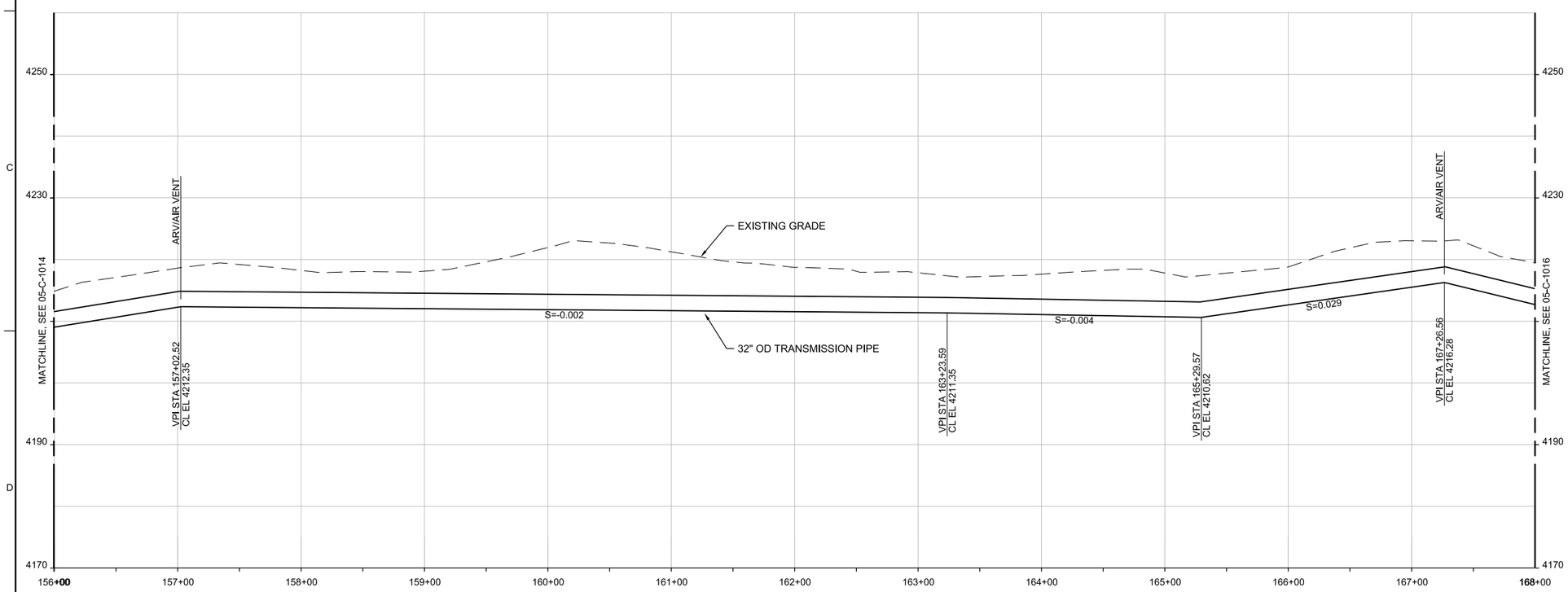

PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

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0 1"

DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1015
SHEET	of

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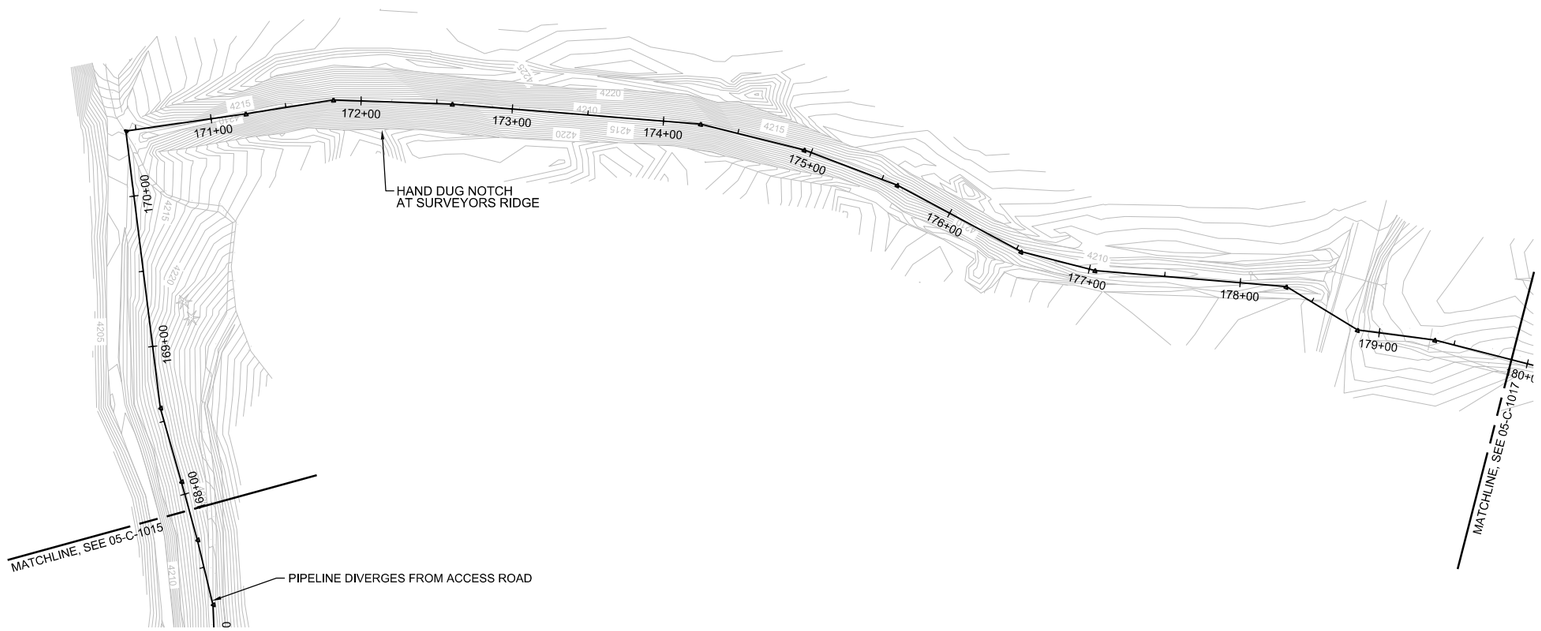
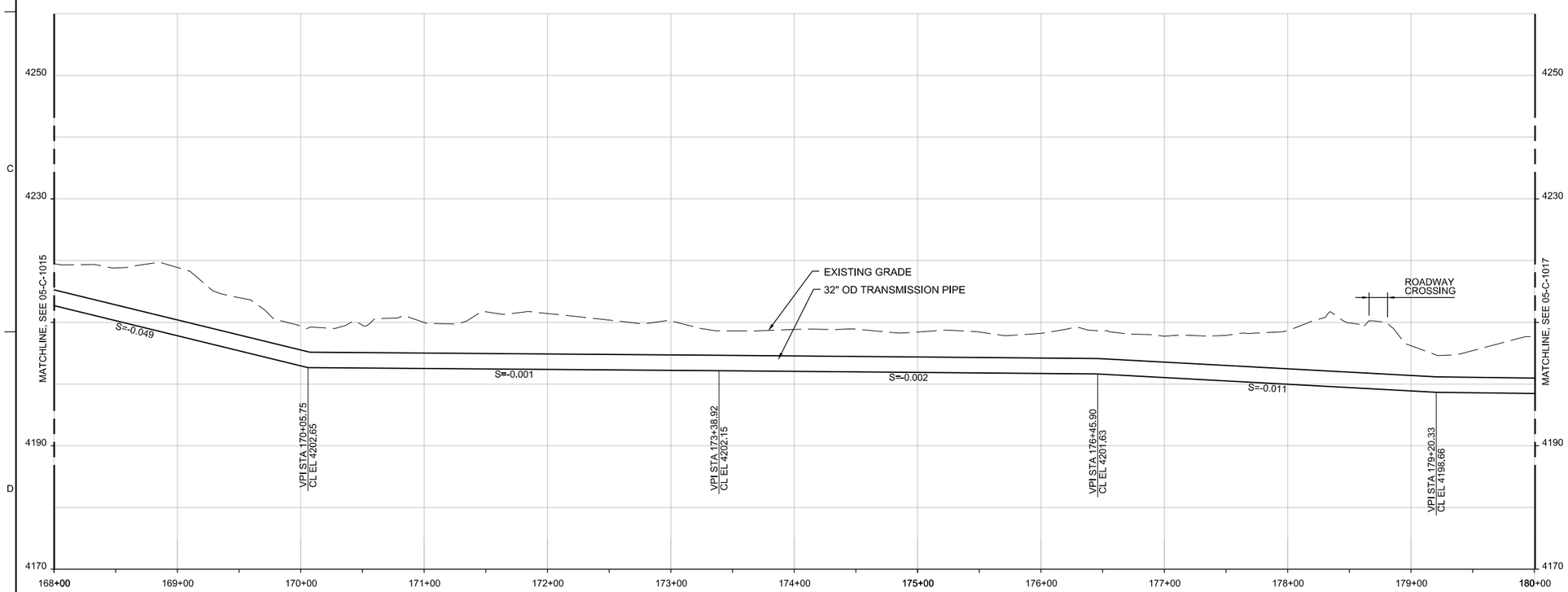


PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

N

0 50 100 150
Scale In Feet

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

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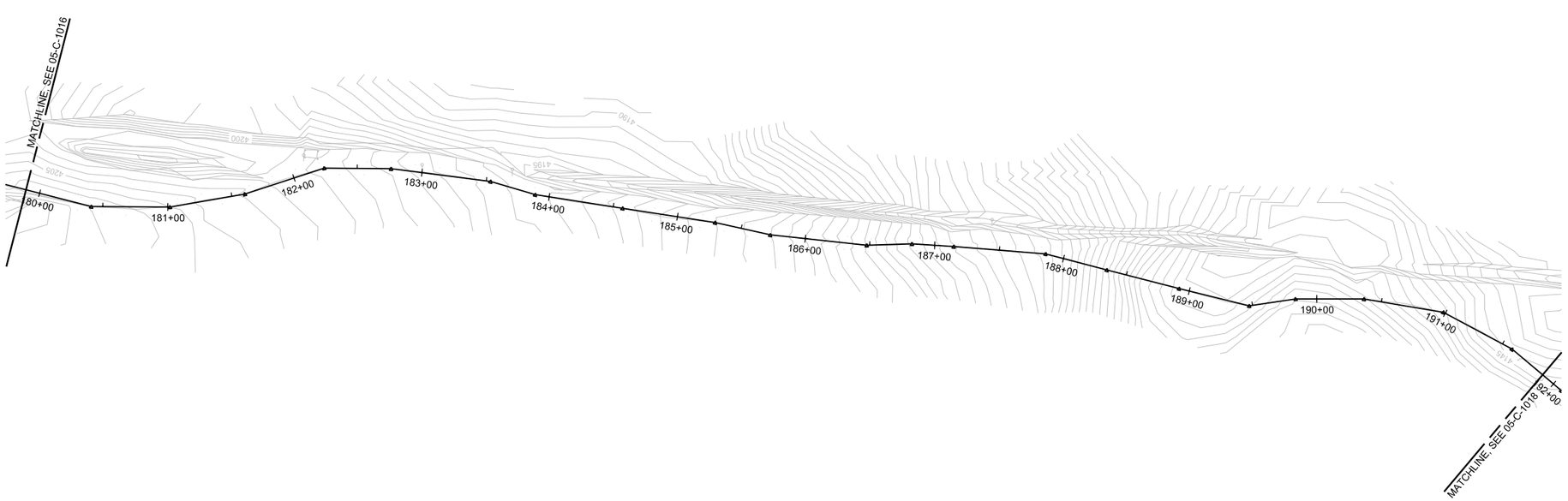
20% DESIGN - NOT FOR CONSTRUCTION

CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

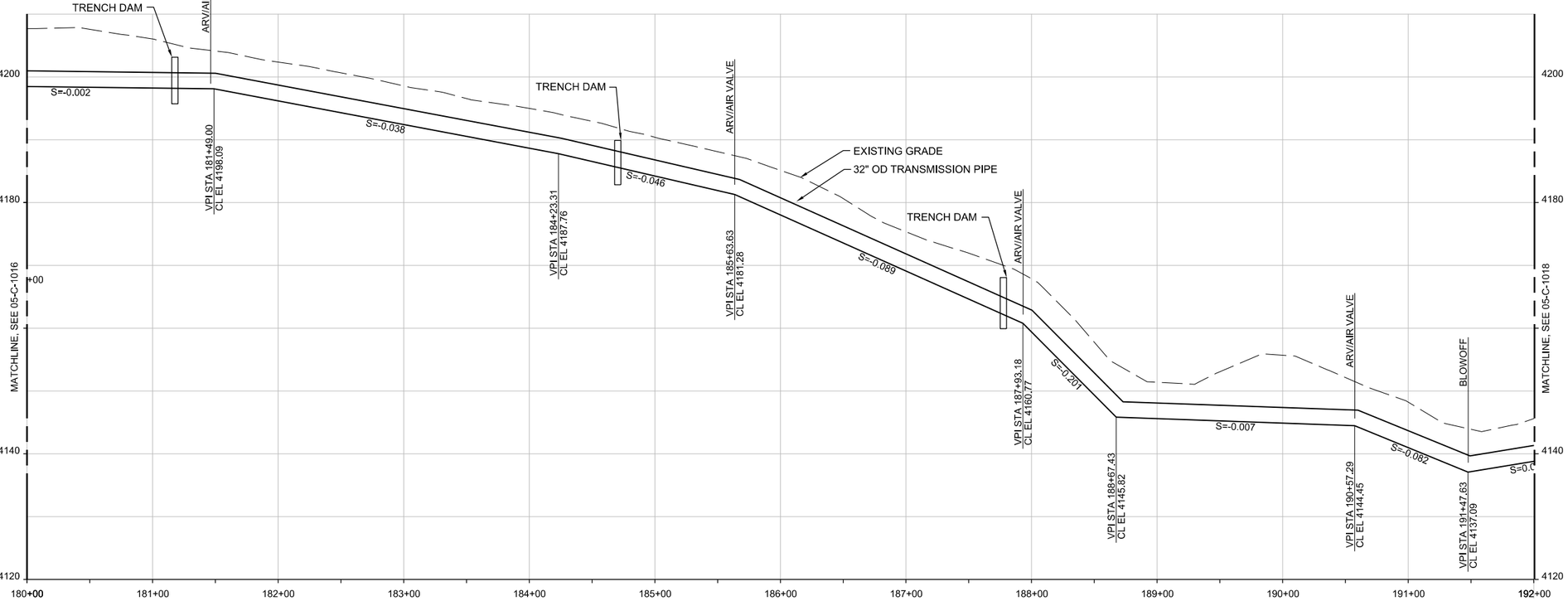
DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1016
SHEET	of



N

0 50 100 150
Scale In Feet

PLAN
SCALE: 1"=50'



PROFILE
HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

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PIPELINE
PLAN AND PROFILE 17

CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	AUGUST 2021
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SHEET	of

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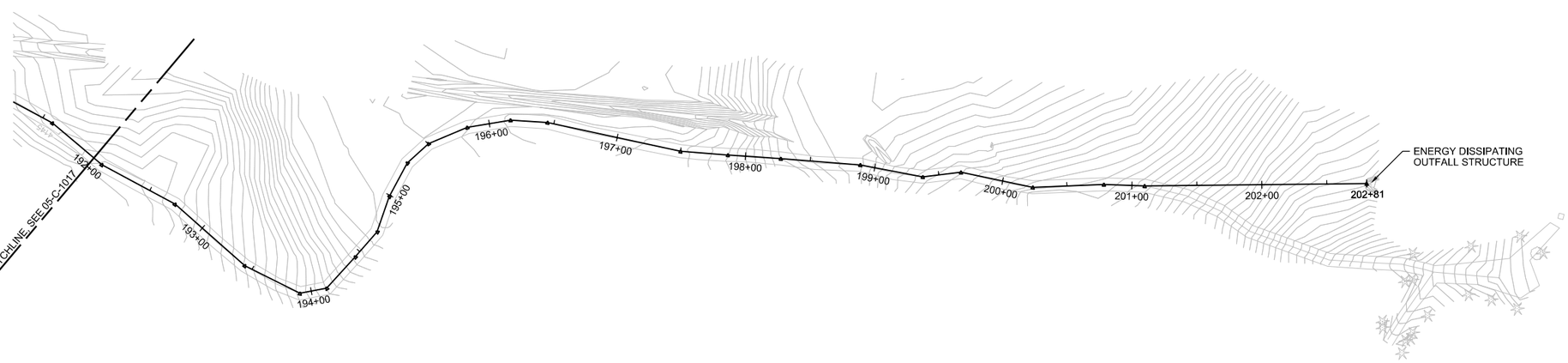
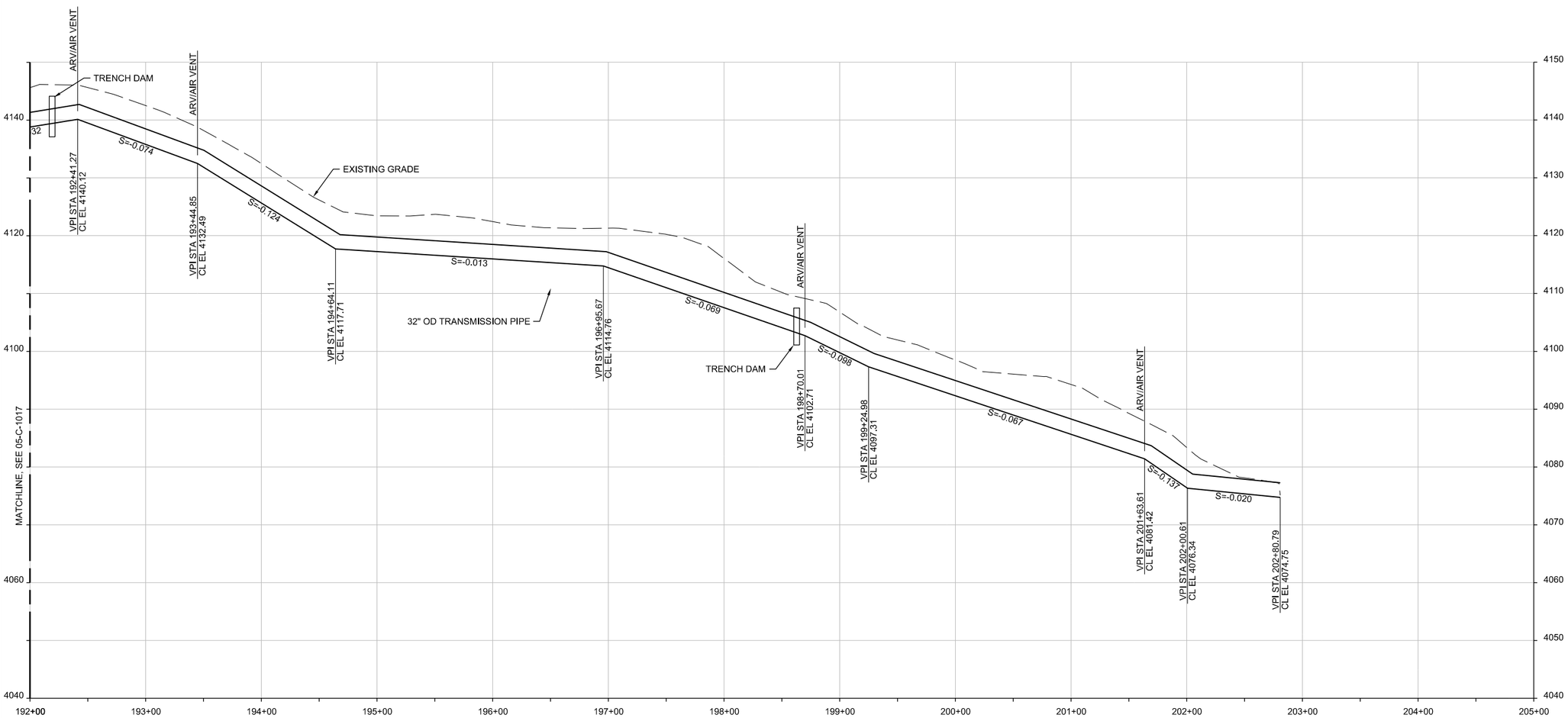


PLAN

SCALE: 1"=50'



PROFILE

HORIZONTAL SCALE: 1"=50'
VERTICAL SCALE: 1"=10'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

DSGN A SITTEL | DR C ECKBERG | CHK M BALDWIN | APVD B FULLER

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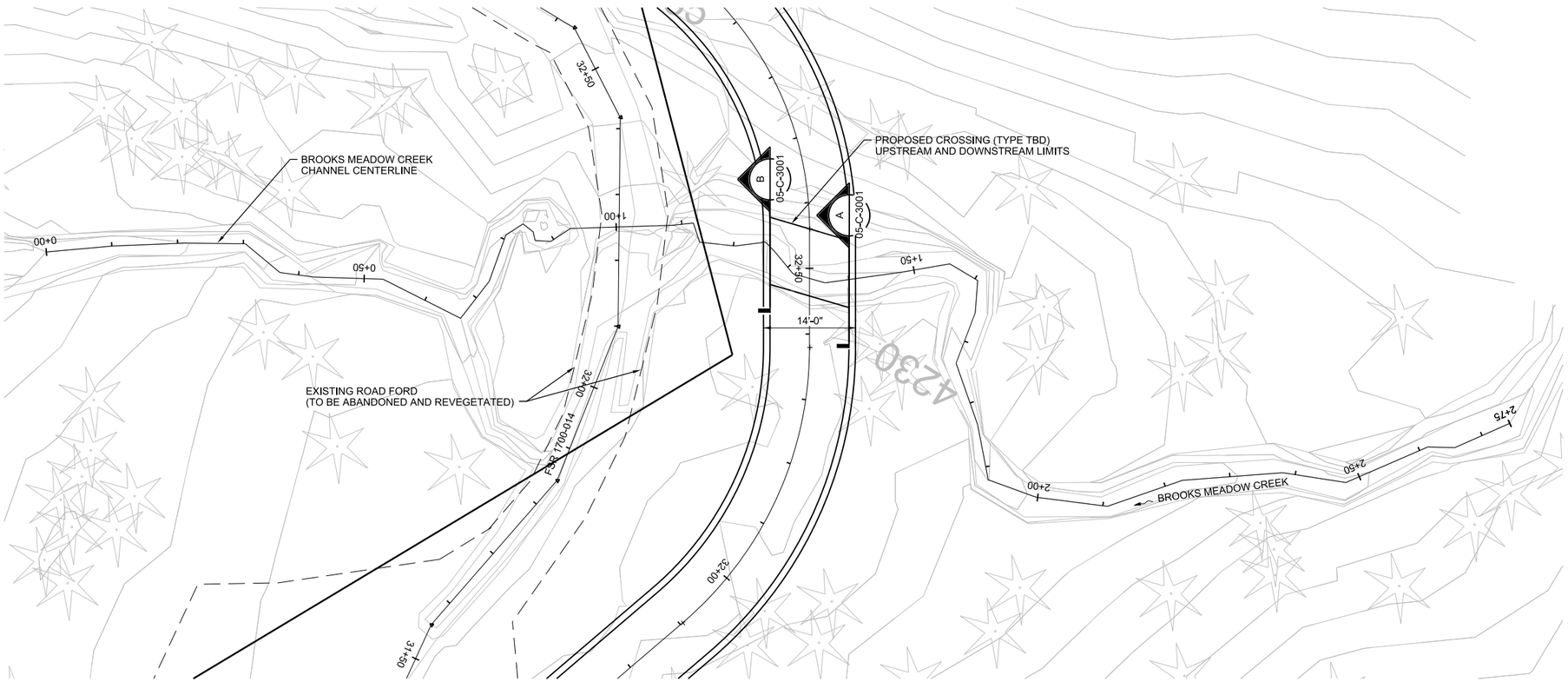
Dog River Pipeline Replacement
Mt. Hood National Forest
City Of The Dalles
The Dalles, OR

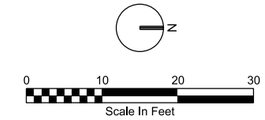
CIVIL
PIPELINE
PLAN AND PROFILE 18

20% DESIGN - NOT FOR CONSTRUCTION

CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

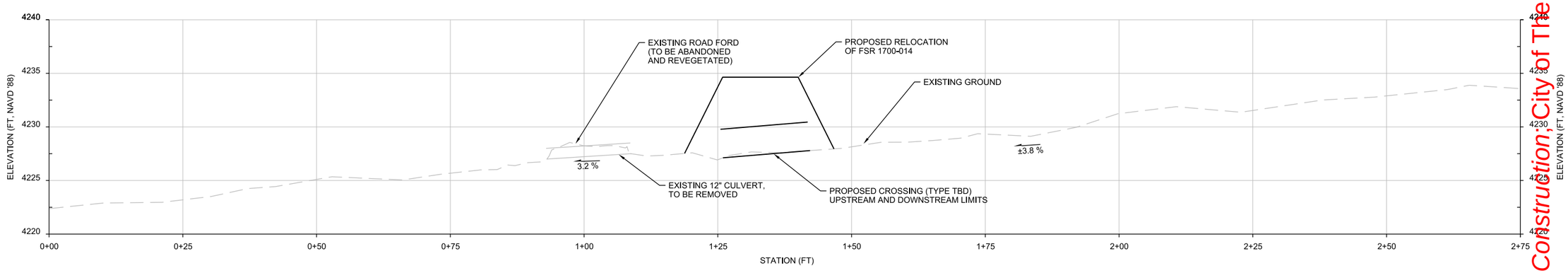
DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-1018
SHEET	of





PLAN

1"=10'



PROFILE

H: 1"=10'
V: 1"=5'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

DSGN T BEDFORD | DR B GYAOUROVA | CHK S CLAYTON | APVD B FULLER

Dog River Pipeline Replacement
Project Location
City Of The Dalles
The Dalles, OR

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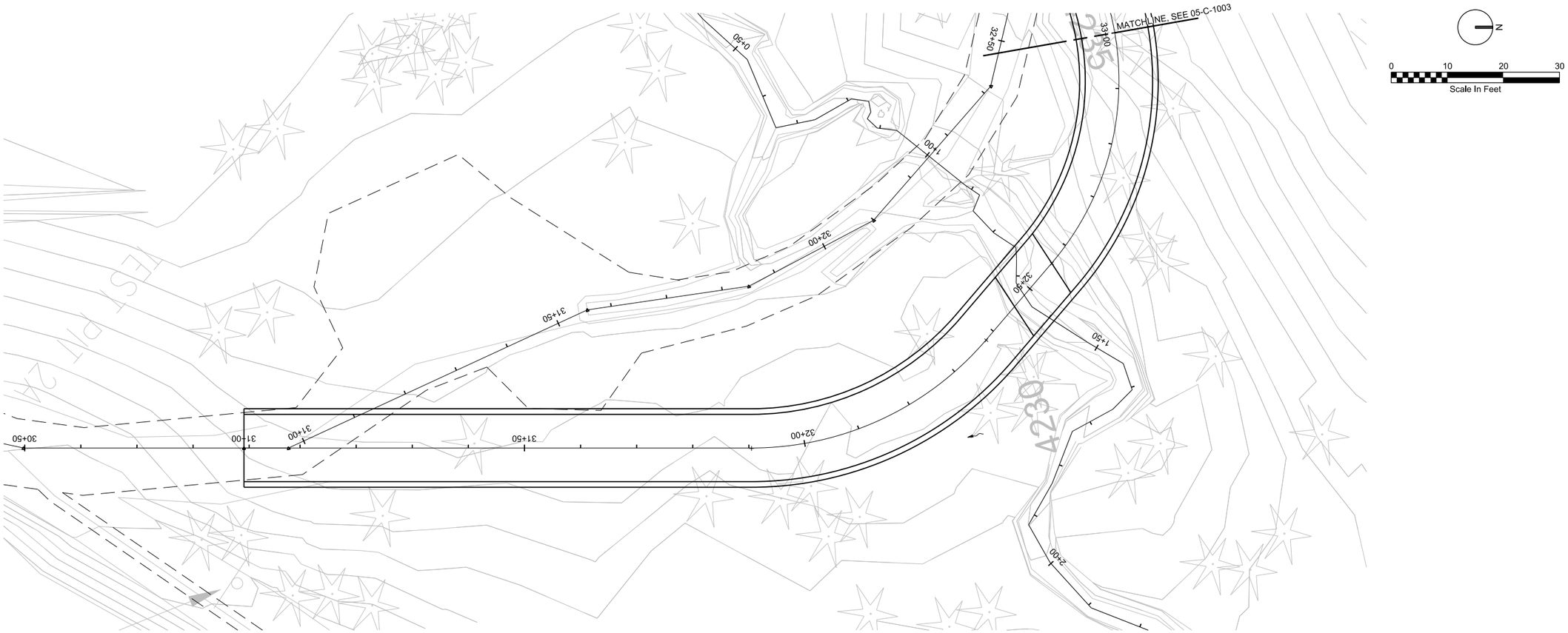
CIVIL
BROOKS MEADOW CREEK
FSR 1700-014 ROAD CROSSING

20% DESIGN - NOT FOR CONSTRUCTION

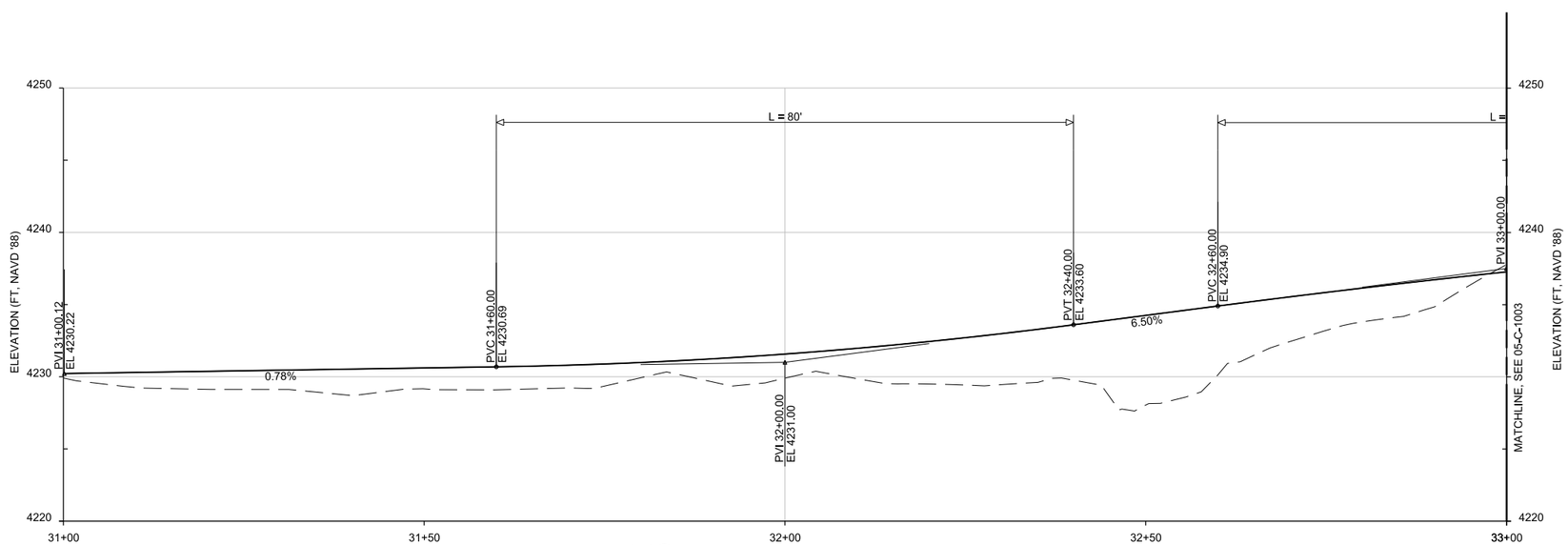
CONTRACT NO.: 2020-009
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-2001
SHEET	of



PLAN

1"=10'



PROFILE

H: 1"=10'
V: 1"=5'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

DSGN T BEDFORD | DR C ECKBERG | CHK S CLAYTON | APVD B FULLER

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CIVIL

BROOKS MEADOW CREEK
FSR 1700-014 ROAD REPLACEMENT

Dog River Pipeline Replacement
Project Location
City Of The Dalles
The Dalles, OR

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VERIFY SCALE

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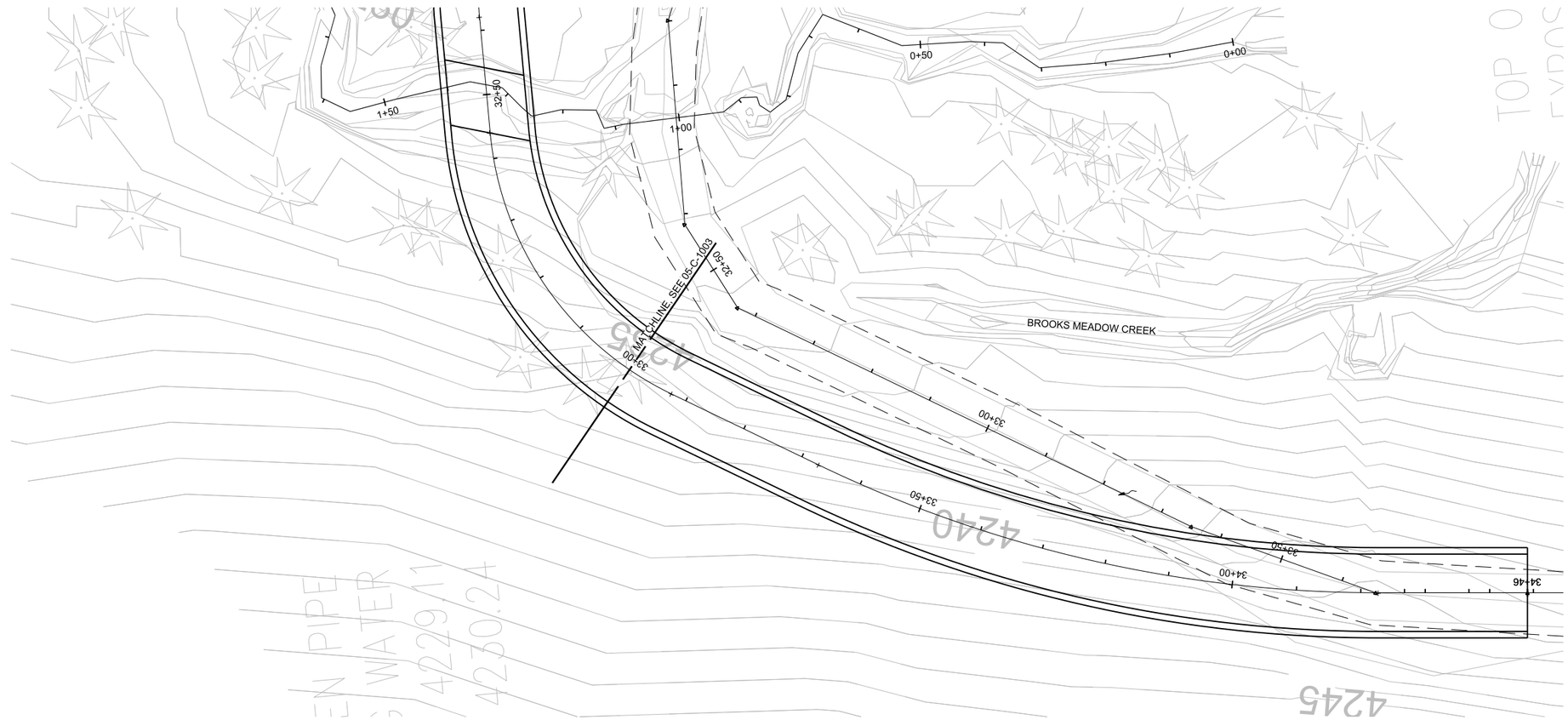
0 1"

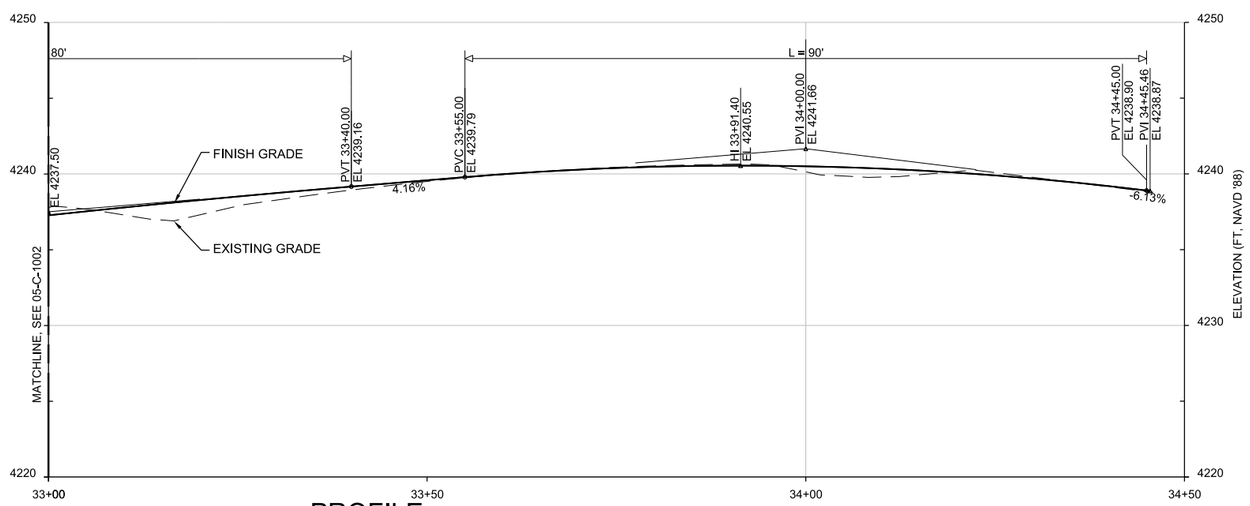
DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-2002
SHEET	of

20% DESIGN - NOT FOR CONSTRUCTION



PLAN

1"=10'



PROFILE

H: 1"=10'
V: 1"=5'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

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CIVIL
BROOKS MEADOW CREEK
FSR 1700-014 ROAD REPLACEMENT

Dog River Pipeline Replacement
Project Location
City Of The Dalles
The Dalles, OR

NO.	DATE	REVISION	BY	APVD

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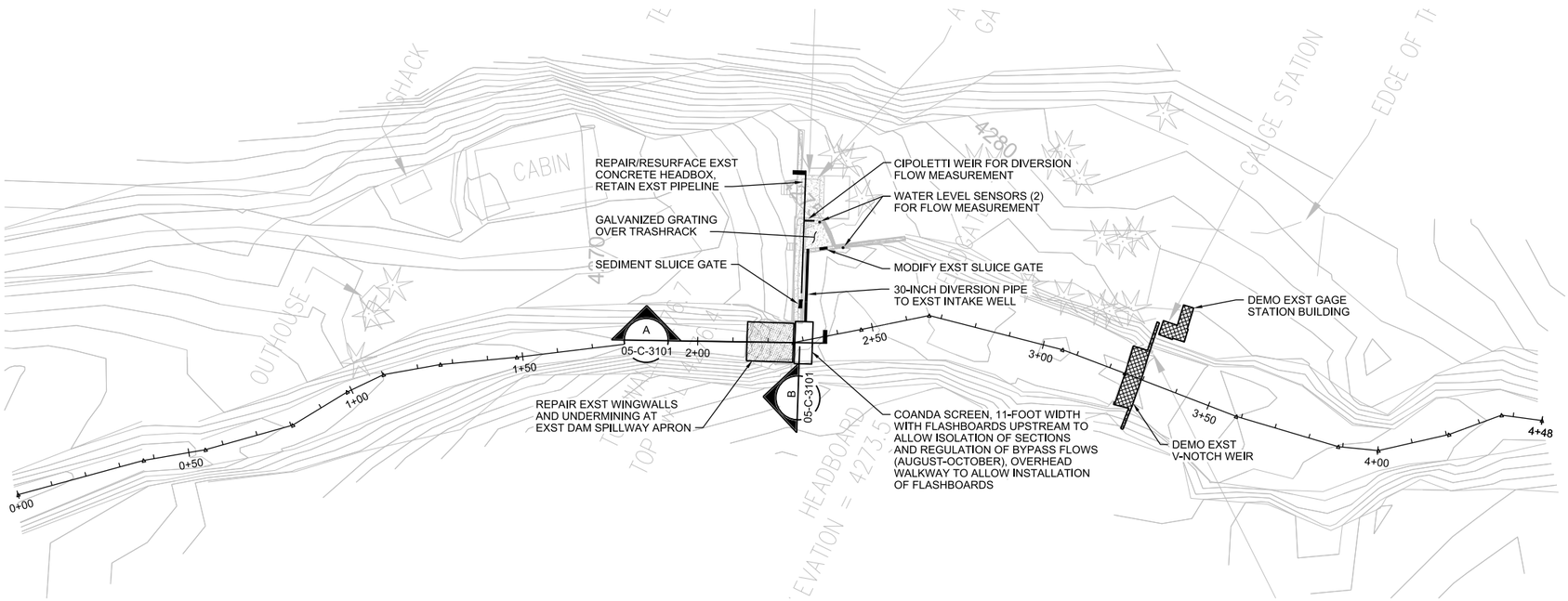
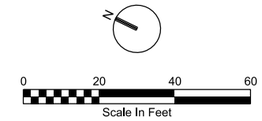
VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

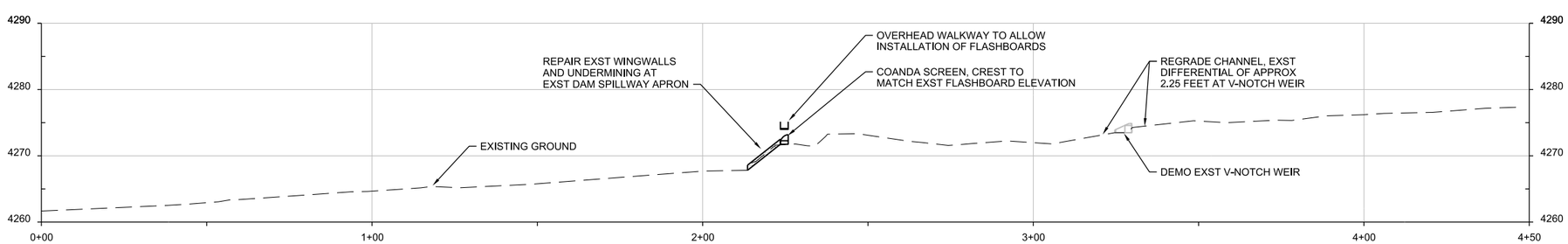
DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-2003
SHEET	of



PLAN

1"=20'





PROFILE

H: 1"=20'
V: 1"=10'

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

DSGN	DR	CHK	APVD
A GEORGE	B GYAOUROVA		B FULLER

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CIVIL

DIVERSION DAM
PLAN AND PROFILE

Dog River Pipeline Replacement
Project Location
City Of The Dalles
The Dalles, OR

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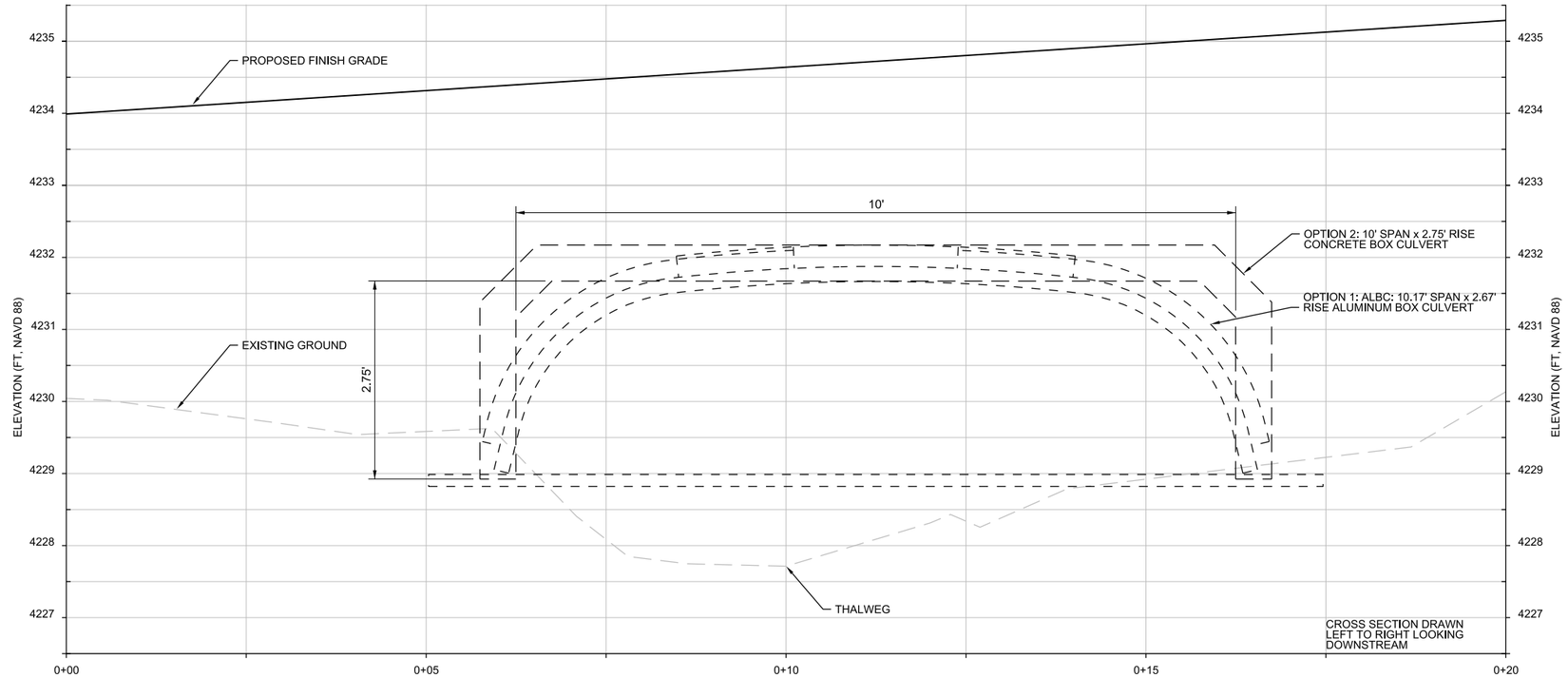
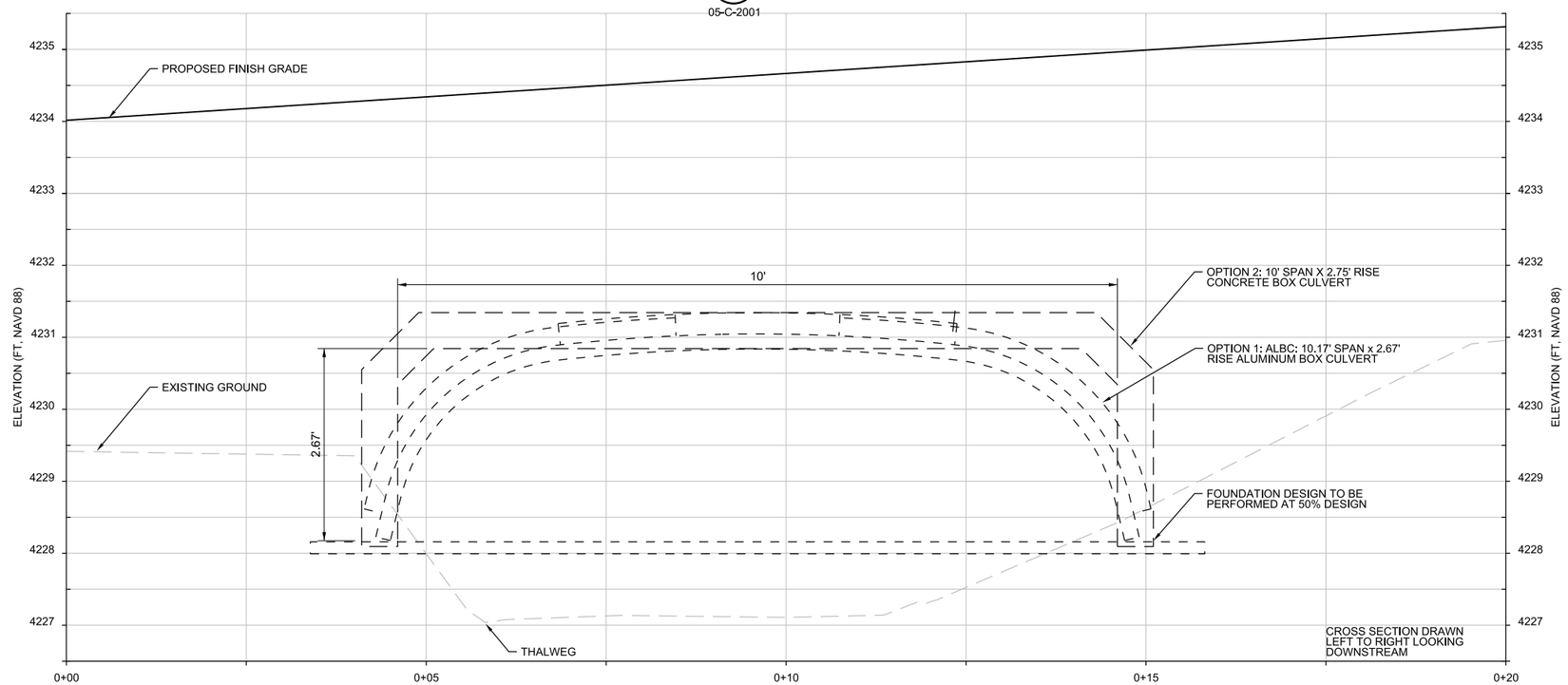
CONTRACT NO.:	2020-009
VERIFY SCALE	
BAR IS ONE INCH ON ORIGINAL DRAWING. 0 1"	
DATE	AUGUST 2021
PROJ	D3504800
DWG	05-C-2101
SHEET	of



A SECTION A

1"=1'-0"

05-C-2001



B SECTION B

1"=1'-0"

05-C-2001

Not for Construction; City of The Dalles; Dog River Pipeline Pre-bid Meeting; October 14, 2021

NO.	DATE	REVISION	BY	APVD

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Dog River Pipeline Replacement
Project Location
City Of The Dalles
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CIVIL
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FSR 1700-014 CROSSING
SECTIONS

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DWG	05-C-3001
SHEET	of

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