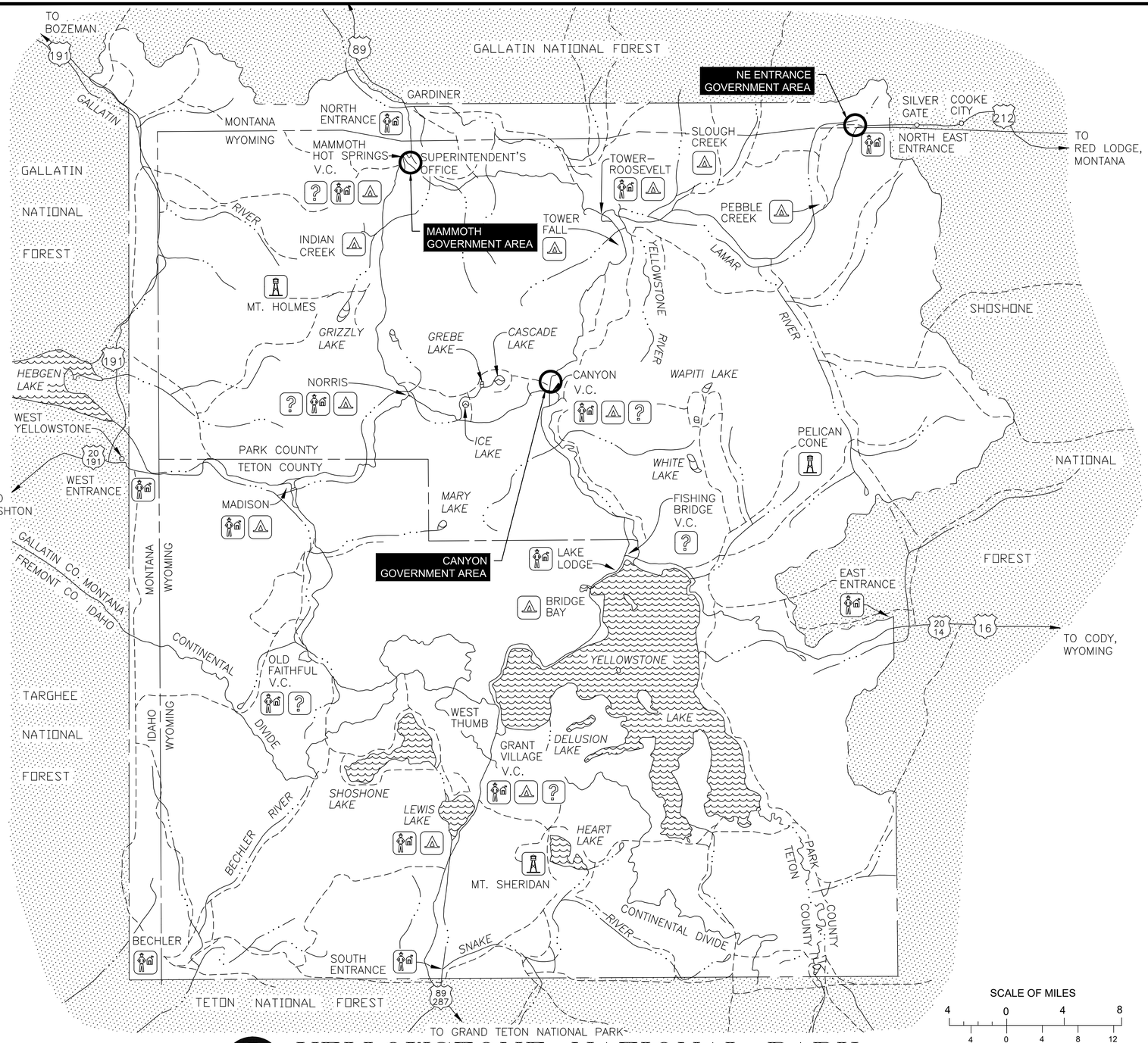
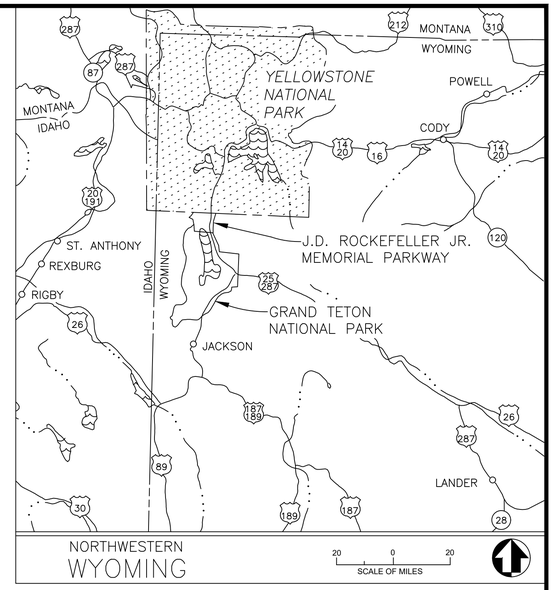


LEGEND

- PARK BOUNDARY
- STATE LINE
- COUNTY LINE
- PAVED ROAD
- TRAIL
- CREEK
- V.C. VISITOR CENTER
- RANGER STATION
- CAMPGROUND
- FIRE LOOKOUT
- INFORMATION CENTER



SCALE OF MILES

SCALE OF KILOMETERS

CONSTRUCT MODULAR HOUSING FOR FEDERAL PARTNERS AND REPLACE LOST LAPEYRE HOUSING FOR PARK STAFF

MAMMOTH, NE ENTRANCE, CANYON VILLAGE

100% DRAFT CONSTRUCTION DOCUMENTS
NOT FOR CONSTRUCTION
JUNE 18, 2026

YELLOWSTONE NATIONAL PARK
WORLD HERITAGE SITE

MONTANA
JESSE CARLSON
No. 10552OPE
LICENSED PROFESSIONAL ENGINEER

Professional Engineer
JESSE CARLSON
20110
Date 6/18/26
WYOMING

BASIC DATA: 101/80,015 7/84; PARK MINI FOLDER 1978; REVISED & REDRAWN 1/95. UPDATED 11/98. SGS.

A/E FIRM	MARK	SHEET	REVISION	DATE	INITIAL
PRIME/GEOTECH: STANTEC CHEYENNE, WY					

QUALITY DESIGN CERTIFICATION

- ☐ Prepared in Accordance with Design Development (Title I) _____ OR Drawing No.
- ☐ Variance from Design Development (Title I) Approved by Superintendent on _____ OR Date
- ☐ Construction Drawing Not Preceded by Design Development (Title I)

Project Manager _____ Date _____

NATIONAL PARK SERVICE

CONSTRUCTION DRAWINGS

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
DENVER SERVICE CENTER

TITLE OF PROJECT
MODULAR HOUSING UNITS
LOCATION WITHIN PARK
MAMMOTH, NE ENTRANCE, CANYON VILLAGE
NAME OF PARK
YELLOWSTONE NATIONAL PARK

REGION: INTERMOUNTAIN | COUNTY: PARK | STATE: MT/WY

DRAWING NO. 101 198433
PMIS / PKG NO. 326141
SHEET 1 OF 94

PLOT DATE: 6/18/2026 9:10 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\C0.01_COVER.DWG

NOTES:

1. CONTRACTOR SHALL POSSESS VALID WYOMING AND MONTANA CONTRACTOR LICENSES. ALL LICENSES SHALL BE VALID THROUGHOUT THE TERM OF THIS CONTRACT.
2. 15 CONTRACTOR CAMPS WILL BE ASSIGNED PRIOR TO CONSTRUCTION. RATES WILL BE ASSIGNED FOR EACH CONSTRUCTION SEASON.
3. STAGING AREAS MAY SHIFT AND WILL BE DETERMINED DURING BID PROCESS.
4. CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL AND ACCESS PLANS FOR APPROVAL BY CONTRACTING OFFICER. PLANS SHALL INCLUDE RECREATIONAL ACCESS RESTRICTIONS, TRAFFIC CONTROL, SITE PROTECTIONS AND ANY ADDITIONAL APPLICABLE INFORMATION. PLANS SHALL BE STAMPED BY LICENSED ENGINEER OR ATSSA CERTIFIED PROFESSIONAL.
5. CONTRACTOR CAMPING ON-SITE IS NOT ALLOWED AT MAMMOTH AND NE ENTRANCE LOCATIONS. CONTRACTOR SHALL STAY OUTSIDE OF PARK. ESTABLISHMENT OF A HOUSING CAMP WILL ONLY BE ALLOWED NEAR CANYON VILLAGE. REFER TO SPECIFICATIONS SECTION 01 11 00.
6. CONTRACTOR IS RESPONSIBLE FOR ALL NPDES PERMITTING. CONTRACTOR SHALL SUBMIT A SWPPP, PREPARED & STAMPED BY A LICENSED ENGINEER, TO THE EPA AND STATES (WY & MT). CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF SWPPP AND FOR UPDATES TO SWPPP AS NEEDED THROUGH DURATION OF CONSTRUCTION.
7. THE CONTRACTOR SHALL PROTECT ALL TREES, SHRUBS, AND OTHER VEGETATION OUTSIDE OF GRADING LIMITS DURING CONSTRUCTION. ANY EXISTING VEGETATED AREA DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE RESTORED TO ITS PREEXISTING CONDITION AT THE CONTRACTOR'S EXPENSE. IF THIS CONDITION OCCURS IT IS RECOMMENDED THAT THE EXISTING LANDSCAPING/VEGETATION BE SALVAGED AND REPLACED. IF THIS IS NOT POSSIBLE, DISTURBED AREAS SHALL BE REVEGETATED AT THE EXPENSE OF THE CONTRACTOR TO THE SATISFACTION OF THE CONTRACTING OFFICER.
8. DURING ALL GROUND DISTURBANCE, DUFF MATERIAL AND TOPSOIL SHALL BE REMOVED DURING GRADING AND STOCKPILED IN SEPARATE PILES FOR LATER PLACEMENT AS TOPSOIL. REFER TO SPECIFICATIONS FOR TOPSOIL STOCKPILING REQUIREMENTS.
9. EVENLY APPLY AVAILABLE SALVAGED TOPSOIL ACROSS TARGET AREAS TO A UNIFORM DEPTH. INCORPORATE TOPSOIL WITH UNDERLYING SOILS TO A DEPTH OF 2-3" OR AS DIRECTED BY THE CONTRACTING OFFICER.
10. CONSTRUCTION STAKING SHALL BE APPROVED BY THE CONTRACTING OFFICER PRIOR TO BEGINNING EXCAVATION OPERATIONS TO ENSURE THAT SLOPE STAKING WILL PROVIDE THE DESIRED SITE RESTORATION TO CONFORM WITH THE EXISTING TERRAIN. DIMENSIONS SHOWN ON PLANS ARE FOR ADDITIONAL INFORMATION ONLY. ALL SITE FEATURES SHALL BE STAKED BY THE CONTRACTOR AND APPROVED BY CONTRACTING OFFICER. CAD FILES WILL BE PROVIDED FOR THE CONTRACTOR'S USE IN ACCURATELY STAKING OUT THE PROJECT LAYOUT AND ELEVATIONS.
11. VEGETATION (LESS THAN OR EQUAL TO 10" DIAMETER MEASURED 4.5' ABOVE GROUND SURFACE) SHALL BE CLEARED AND GRUBBED ONLY IN THE AREAS SHOWING PROPOSED IMPROVEMENTS ON THE PLANS AND/OR BOUNDED BY THE MARKINGS IN THE FIELD BY THE CONTRACTING OFFICER. CLEARING OF TREES, SHRUBS OR VEGETATION SHALL BE APPROVED BY THE CONTRACTING OFFICER PRIOR TO REMOVAL.
12. EXISTING TREES THAT ARE IN OR ADJACENT TO THE CONSTRUCTION AREA AND ARE GREATER THAN 10" IN DIAMETER (MEASURED 4.5' ABOVE GROUND SURFACE) SHALL REMAIN IN PLACE AND BE PROTECTED FROM DAMAGE UNLESS SHOWN TO BE REMOVED ON THE PLANS. 5 NEEDLE PINE TREES SHALL NOT BE DISTURBED UNLESS AUTHORIZED BY CONTRACTING OFFICER. IF ANY 5 NEEDLE PINE TREES ARE IN CONFLICT WITH THE CONSTRUCTION LIMITS AND REQUIRE TRIMMING OR REMOVAL, APPROVAL FROM THE CONTRACTING OFFICER MUST BE OBTAINED IN WRITING PRIOR TO ANY DISTURBANCE.
13. TREES DESIGNATED BY CONTRACTING OFFICER FOR EXTRA PROTECTION PRIOR TO START OF WORK SHALL BE WRAPPED WITH ORANGE FENCING TO PROTECT FROM DAMAGE. ANY TREES GREATER THAN 10" INCIDENTALLY DAMAGED DURING CONSTRUCTION WILL BE SPRAYED WITH A WOUND DRESSING.
14. ALL DIMENSIONS GIVEN ARE IN FEET UNLESS SPECIFIED OTHERWISE.
15. ALL DIMENSIONS ARE SUBJECT TO FIELD ADJUSTMENTS AS DETERMINED BY THE CONTRACTING OFFICER.
16. EVERY EFFORT HAS BEEN MADE TO SHOW LOCATIONS OF ANY AND ALL EXISTING SURFACE STRUCTURES AND SUBSURFACE STRUCTURES. HOWEVER, ACTUAL FIELD CONDITIONS AND LOCATIONS CAN VARY CONSIDERABLY FROM THE PLAN LOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF AND REPAIR OF ANY DAMAGE TO EXISTING UNDERGROUND FACILITIES. CALL "UNDERGROUND SERVICE ALERT" 811 AT LEAST 2 WORKING DAYS PRIOR TO ANY EXCAVATION.
17. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF PROPER SHORING OF TRENCHES IN ACCORDANCE WITH OCCUPATIONAL SAFETY LAWS.
18. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE CONTRACTING OFFICER AS SOON AS POSSIBLE FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
19. THE CONTRACTOR SHALL REMOVE ANY EXISTING SIGNS, GATES, AND ANY OTHER SITE FURNITURE DESIGNATED FOR REMOVAL BY THE PROPOSED CONSTRUCTION. CONTRACTING OFFICER WILL DESIGNATE IN A TIMELY MANNER WHICH SITE FURNISHINGS MAY BE SALVAGED AS OPPOSED TO REMOVED.
20. ALL PAVEMENT STRIPING SHALL BE LAID OUT BY THE CONTRACTOR FOR APPROVAL BY THE CONTRACTING OFFICER PRIOR TO ANY APPLICATION OF PAINT.
21. STOP WORK AND CONTACT YELLOWSTONE NATIONAL PARK GEOLOGIST (307-344-2441) AND THE CONTRACTING OFFICER IF ANY OF THE FOLLOWING CONDITIONS ARE ENCOUNTERED:
    - A HOLE IN THE GROUND THE SIZE OF A BASKETBALL, OR LARGER
    - STANDING OR FLOWING WATER, EITHER HOT OR COLD, OTHER THAN STORMWATER
    - A "ROTTEN EGG" SMELL

    MAMMOTH AND CANYON VILLAGE ARE HYDROTHERMAL AREAS. THESE THREE CONDITIONS ARE STRONG INDICATIONS OF HYDROTHERMAL ACTIVITY. IF ANY OF THESE CONDITIONS ARE ENCOUNTERED, TRAINED PERSONNEL NEED TO ASSESS THE LEVEL OF HYDROTHERMAL ACTIVITY.
22. ALL EQUIPMENT TRAVEL, CONSTRUCTION WORK AND ASSOCIATED STOCKPILING AND STAGING MUST AVOID ANY IMPACTS TO THE WETLANDS INDICATED ON THESE PLANS. WETLAND BOUNDARIES WILL BE CLEARLY MARKED BY TEMPORARY FLAGGING/FENCING. SILT FENCES OR OTHER APPROPRIATE EROSION CONTROL MEASURES MUST BE INSTALLED BY THE CONTRACTOR PRIOR TO ANY OTHER LAND DISTURBING ACTIVITIES TO ENSURE FILL MATERIAL DOES NOT ENTER THE WETLANDS. STAGING AND STOCKPILING SHALL BE CONFINED TO WITHIN THE PROJECT LIMITS AND AS APPROVED BY THE CONTRACTING OFFICER. ADDITIONALLY, THE CONTRACTING OFFICER MAY PROVIDE A LOCATION UP TO AN ACRE WITHIN 5 MILES OF THE SITE FOR CONTRACTOR USE.
23. THE LOCATION OF THE EXISTING UTILITIES AND PIPELINES SHOWN ON THE DRAWINGS IS BASED ON LOCATION INFORMATION PROVIDED BY NPS. LOCATION INFORMATION IS GENERAL. THE EXACT LOCATION OF THESE FACILITIES MAY NOT BE SHOWN ACCURATELY ON THE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY AND/OR PIPELINE COMPANIES IN THE AREA OF THE PLANNED WORK AND SECURE EXACT LOCATIONS FOR THOSE UTILITIES. THE CONTRACTOR SHALL REQUEST THE UTILITY TO PROVIDE THE NATURE, LOCATION, AND ELEVATION OF THE UTILITY AT EACH LOCATION AND AT WHATEVER INTERVAL IS NECESSARY FOR THE WORK. IF THE UTILITY COMPANY CANNOT OR WILL NOT PROVIDE THE INFORMATION, THE CONTRACTOR SHALL OBTAIN THE INFORMATION BY MEANS APPROVED BY THE CONTRACTING OFFICER. THE CONTRACTOR SHALL SHOW THE NATURE, LOCATION, AND ELEVATION OF THE UTILITY ON THE CONTRACTOR'S DRAWINGS AND PROVIDE A COPY OF THE INFORMATION TO THE CONTRACTING OFFICER. NO TRENCHING OR EXCAVATION OPERATIONS SHALL TAKE PLACE UNTIL ALL UTILITY AND PIPELINE COMPANIES HAVE BEEN CONTACTED AND LOCATIONS AND ELEVATIONS OF THE UTILITIES AND PIPELINES CONFIRMED.
24. WETLANDS WITHIN OR ADJACENT TO PROJECT AREAS MUST BE AVOIDED. WETLANDS TO BE AVOIDED WILL BE MARKED ON THE DRAWINGS AND FLAGGED PRIOR TO CONSTRUCTION. THERE IS ONE WETLAND AREA AT THE CANYON GOVERNMENT AREA THAT WILL BE IMPACTED BY THE ROAD CONSTRUCTION. THIS DISTURBANCE IS COVERED UNDER A U.S. ARMY CORPS OF ENGINEERS NATIONWIDE PERMIT. THE CONTRACTOR SHALL OBTAIN A COPY OF THIS PERMIT FROM NPS PRIOR TO THE START OF CONSTRUCTION. ALL CONDITIONS ASSOCIATED WITH THAT PERMIT SHALL BE ADHERED TO BY THE CONTRACTOR.
25. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE ADEQUATELY MAINTAINED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. THOSE THAT HAVE SUSTAINED DAMAGE OR HAVE REACHED THEIR CAPABILITY SHALL BE REPLACED OR MAINTENANCE PERFORMED.
26. EXCEPT AS OTHERWISE NOTED, AND EXCLUDING SITE INFRASTRUCTURE, THE MODULAR HOUSING DESIGN HEREIN IS PROVIDED FOR REFERENCE PURPOSES ONLY AND IS NOT INTENDED TO BE SUITABLE FOR CONSTRUCTION. SHOP DRAWINGS MUST BE PROVIDED BY BUILDING MANUFACTURER, SEE SPECIFICATIONS. FINAL BUILDING DESIGN MUST BE APPROVED BY NATIONAL PARK SERVICE. CONTRACTORS , MODULAR BUILDING MANUFACTURERS, AND ALL PARTIES PROPOSING TO FURNISH CONSTRUCTION DOCUMENTS, PRICING, OR CONSTRUCTION SERVICES ARE SOLELY RESPONSIBLE FOR PROVIDING COMPLETE AND COMPLIANT SOLUTIONS IN ACCORDANCE WITH APPLICABLE JURISDICTIONAL REQUIREMENT AND NATIONAL PARK SERVICE STANDARDS. ANY INCONSISTENCIES, OMISSIONS, OR DISCREPANCIES IDENTIFIED WITHIN THE REFERENCE MATERIALS SHALL BE PROMPTLY BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER FOR CLARIFICATION. FAILURE TO IDENTIFY SUCH DISCREPANCIES DOES NOT RELIEVE THE PROPOSING PARTY OF THE RESPONSIBILITY FOR A COMPLETE AND COMPLIANT SOLUTION.
27. THE CONTRACTOR SHALL ADHERE TO THE MITIGATIONS LISTED IN THE CATEGORICAL EXCLUSION FORM INCLUDED WITH THESE CONTRACT DOCUMENTS AS APPENDIX A FOR EACH SITE. THESE MITIGATIONS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
    - ALL WETLANDS WITHIN OR ADJACENT TO PROJECT AREAS MUST BE AVOIDED. WETLANDS TO BE AVOIDED WILL BE MARKED ON THE DRAWINGS AND FLAGGED PRIOR TO START OF WORK. CONTACT CONTRACTING OFFICER AND YNP VEGETATION PROGRAM TO SCHEDULE FLAGGING.
    - ALL EQUIPMENT AND TOOLS SHALL BE CLEANED COMPLETELY PRIOR TO ENTERING THE WORK ZONE TO PREVENT THE SPREADING OF INVASIVE PLANT SEEDS. EQUIPMENT SHALL BE INSPECTED FOR COMPLIANCE.
    - ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE ADEQUATELY MAINTAINED TO ENSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. THOSE THAT HAVE SUSTAINED DAMAGE OR HAVE REACHED THEIR CAPABILITY SHALL BE REPLACED OR MAINTENANCE PERFORMED.
    - ALL MATERIAL BROUGHT INTO THE PARK FROM OUTSIDE SOURCES MUST BE CERTIFIED WEED-FREE FILL OBTAINED FROM A RECENTLY CERTIFIED FACILITY. PLEASE CONTACT THE YELLOWSTONE CENTER FOR RESOURCES (YCR) FOR THE MOST UP TO DATE LIST OF CERTIFIED FACILITIES.
    - ENSURE WORK CREWS ADHERE TO BEAR SAFETY AND FOOD STORAGE REGULATIONS.
    - IF PREVIOUSLY UNKNOWN ARCHEOLOGICAL RESOURCES ARE DISCOVERED DURING CONSTRUCTION ACTIVITIES, ALL GROUND DISTURBING ACTIVITIES IN THE IMMEDIATE VICINITY (300 FEET) OF THE DISCOVERY SHALL BE HALTED AND THE CONTRACTING OFFICER AND PARK ARCHAEOLOGIST NOTIFIED IMMEDIATELY. CULTURAL RESOURCES WILL BE IDENTIFIED AND DOCUMENTED BY AN ARCHAEOLOGIST MEETING THE NPS QUALIFICATION STANDARDS AND THE SECRETARY OF THE INTERIOR'S PROFESSIONAL QUALIFICATION STANDARDS. AN APPROPRIATE MITIGATION STRATEGY WILL BE DEVELOPED, IF NECESSARY, IN ACCORDANCE WITH PERTINENT LAWS AND REGULATIONS.
    - IN THE EVENT THAT HUMAN REMAINS OR OTHER ITEMS THAT FALL UNDER THE PURVIEW OF NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT (NAGPRA) ARE DISCOVERED DURING CONSTRUCTION ACTIVITIES, ALL WORK ON THE PROJECT MUST STOP AND THE PARK ARCHEOLOGIST CONTACTED IMMEDIATELY. AS REQUIRED BY LAW, THE CORONER WILL BE NOTIFIED FIRST. ALL PROVISIONS OUTLINED IN THE NAGPRA (1990) WILL BE FOLLOWED.
    - TO AVOID IMPACTS TO MIGRATORY BIRDS DURING NESTING SEASON, VEGETATION OR TREE REMOVAL ACTIVITIES SHALL BE COMPLETED OUTSIDE OF MARCH 1 - AUGUST 15TH NESTING SEASON FOR RAPTORS, AND MAY 1 - AUGUST 15TH NESTING SEASON FOR SONGBIRDS. IF DURING THE MARCH 1 - AUGUST 15 WINDOW, THE CONTRACTOR SUSPECTS ACTIVE NESTS FROM DETECTION OF PHYSICAL STRUCTURES (E.G. LARGE COLLECTIONS OF STICKS OR SMALLER PLANT MATERIAL IN NEST-LIKE SHAPE, CAVITY HOLES) OR BEHAVIORS (E.G. BIRDS IN AND OUT OF TREE CAVITIES, ACTIVITY AT NEST-LIKE STRUCTURES IN TREES, BIRDS CARRYING FOOD INTO NEST-LIKE STRUCTURES), PLEASE CONTACT THE CONTRACTING OFFICER AND BIRD PROGRAM MANAGER.
    - TO MINIMIZE THE AMOUNT OF GROUND DISTURBANCE, STAGING AND STOCKPILING AREAS SHALL BE LOCATED IN PREVIOUSLY DISTURBED SITES, AWAY FROM VISITOR USE AREAS TO THE GREATEST EXTENT POSSIBLE. ALL STAGING AND STOCKPILING AREAS SHALL BE RETURNED TO PRE-CONSTRUCTION CONDITIONS FOLLOWING CONSTRUCTION.
    - TO THE EXTENT PRACTICAL, WORK SHALL BE SCHEDULED TO AVOID CONSTRUCTION ACTIVITY AND CONSTRUCTION RELATED DELAYS DURING PEAK VISITATION TIMES. NO HOLIDAY OR NIGHT TIME WORK SHALL BE ALLOWED. WEEKEND WORK (FRIDAY THROUGH SUNDAY) SHALL NOT BE ALLOWED UNLESS AUTHORIZED IN WRITING BY THE CONTRACTING OFFICER AND YNP SUPERINTENDENT.
    - CONTRACTOR SHALL COORDINATE WITH PARK STAFF TO REDUCE DISRUPTION IN NORMAL PARK ACTIVITIES (I.E. FACILITATE EMERGENCY TRAFFIC, AND HAULING MATERIAL, TO ALLOW FOR VISITOR USE IN AREAS WHERE NO CONFLICTS OR SAFETY CONCERNS EXIST).
    - CONSTRUCTION ZONES AND STAGING AREAS SHALL BE IDENTIFIED AND FENCED AS SHOWN ON THE DRAWINGS.
    - PROJECT SHALL COMPLY WITH NPS AND PARK LIGHTING GUIDELINES TO REDUCE IMPACTS TO THE NIGHT SKY AND WILDLIFE. THIS WILL INCLUDE, BUT IS NOT LIMITED TO, LOW-LEVEL LIGHTING, MINIMIZED GLARE, DOWNWARD FOCUSED LIGHT FIXTURES, AND ENERGY EFFICIENT LIGHT SOURCES SUCH AS LOW-PRESSURE SODIUM LAMPS.
    - LINE LOCATES MUST BE COMPLETED BEFORE ANY EXCAVATION WORK MAY BEGIN. THE DEPTH OF UTILITY LINE VARIES AND THERE MAY BE MULTIPLE UTILITY LINES IN A COMMON AREA. THE CONTRACTOR IS RESPONSIBLE FOR CALLING 811.
    - UTE LADIES'-TRESSES CONSERVATION MEASURES: HERBICIDE SPOT TREATMENTS FOR INFRASTRUCTURE ACTIVITIES WILL MAINTAIN A MINIMUM DISTANCE OF 3.3 FT FROM UTE LADIES-TRESSES. GROUND-BASED BROADCAST APPLICATIONS WILL MAINTAIN A MINIMUM DISTANCE OF 10 FT FROM UTE LADIES-TRESSES. TRAIN PROJECT PERSONNEL TO IDENTIFY THE SPECIES TO ENSURE PROJECT ACTIVITIES DO NOT RESULT IN ADVERSE EFFECTS. LIMIT SOIL DISTURBANCE AND COMPACTION BY LIMITING THE USE OF MECHANICAL EQUIPMENT SUCH AS HEAVY EQUIPMENT AND VEHICLES. CONTROL RUNOFF OF SOIL DURING PROJECT ACTIVITIES AND AVOID USING MACHINERY IN WET SOILS AND AREAS PRONE TO RUTS. MINIMIZE CREATION OF DUST WHEN USING MECHANICAL EQUIPMENT (HEAVY EQUIPMENT AND VEHICLES).
    - YELLOW-BILLED CUCKOO: CONTRACTOR WILL PARTICIPATE IN ORIENTATIONS ON HOW TO AVOID DISTURBING OR ENCOUNTERING A YELLOW-BILLED CUCKOO AND OTHER WILDLIFE, INCLUDING REGULATIONS REGARDING VEHICLE SPEED LIMITS, FOOD STORAGE, DISPOSAL OF GARBAGE AND OTHER ATTRACTANTS, AND APPROACHING OR HARASSING WILDLIFE. ANY OBSERVATION OF A YELLOW-BILLED CUCKOO SHALL BE REPORTED TO THE CONTRACTING OFFICER AND APPROPRIATE ACTION TAKEN TO REDUCE POTENTIAL EFFECTS.
    - GRIZZLY BEAR CONSERVATION MEASURES: CONTRACTOR WILL PARTICIPATE IN ORIENTATIONS ON HOW TO AVOID DISTURBING OR ENCOUNTERING BEARS AND OTHER WILDLIFE, INCLUDING REGULATIONS REGARDING VEHICLE SPEED LIMITS, FOOD STORAGE, DISPOSAL OF GARBAGE AND OTHER ATTRACTANTS, AND APPROACHING OR HARASSING WILDLIFE. UNLESS AUTHORIZED, WORKERS IN YNP WILL AVOID DESIGNATED CLOSURE AREAS THAT HAVE HIGH HISTORIC USE BY GRIZZLY BEARS DURING SPRING AND SUMMER, AS WELL AS CLOSURE AREAS AROUND ACTIVE BEAR DENS TO MINIMIZE WILDLIFE DISTURBANCE AND HUMAN-WILDLIFE INTERACTIONS. DURING AND AFTER MANAGEMENT ACTIVITIES, MANAGERS WILL TAKE PREVENTION AND RESTORATION MEASURES TO AVOID THE INTRODUCTION OF EXOTIC INVASIVE SPECIES AND DISCOURAGE THE ESTABLISHMENT OF HERBACEOUS FOODS SUCH AS CLOVER.
    - CANADA LYNX CONSERVATION MEASURES: CONTRACTOR SHALL PARTICIPATE IN ORIENTATIONS ON HOW TO AVOID DISTURBING, APPROACHING, OR HARASSING LYNX AND OTHER WILDLIFE. ANY OBSERVATION OF CANADA LYNX SHALL BE REPORTED TO THE CONTRACTING OFFICER AND APPROPRIATE ACTION WOULD BE TAKEN TO REDUCE POTENTIAL EFFECTS.
    - 5 NEEDLE PINE CONSERVATION MEASURES: WHEN MARKING IS APPROPRIATE, CLUSTERS OF 5 NEEDLE PINE TREES WILL BE MARKED (SO THEY MAY BE AVOIDED) IN A MANNER THAT DOES NOT CAUSE DAMAGE TO THE TREE OR INTRODUCE DISEASE. AVOID GROUND DISTURBANCE FROM HEAVY EQUIPMENT WITHIN 5 NEEDLE PINE STANDS AND WITHIN 33 FT OF KNOWN 5 NEEDLE PINE TREES, WHICH WILL PROTECT THE ROOTS AND SOIL WITHIN THE DRIP LINE OF LARGE, MATURE TREES. IF USING HEAVY EQUIPMENT IN 5 NEEDLE PINE STANDS CANNOT BE AVOIDED, EQUIPMENT WILL BE USED SPARINGLY AND WILL BE CLEANED BEFORE ENTERING AND LEAVING WORK SITES TO PREVENT THE SPREAD OF INVASIVE SPECIES, PATHOGENS, AND PESTS. AVOID OFF ROAD MOTORIZED TRAVEL IN 5 NEEDLE PINE HABITAT. WHEN WORKING IN 5 NEEDLE PINE STANDS, ENSURE WORK DOES NOT INTRODUCE OR SPREAD RIBES SPECIES THAT ARE AN ALTERNATE HOST FOR WHITE PINE BLISTER RUST. HERBICIDE SPOT TREATMENTS FOR INFRASTRUCTURE ACTIVITIES WILL MAINTAIN A MINIMUM DISTANCE OF 3.3 FT FROM A 5 NEEDLE PINE TREE. GROUND-BASED BROADCAST APPLICATIONS WILL MAINTAIN A MINIMUM DISTANCE OF 10 FT FROM THE TRUNK OF A 5 NEEDLE PINE TREE. CONTRACTOR AND EMPLOYEES SHALL PARTICIPATE IN TRAINING TO IDENTIFY THE SPECIES REGARDLESS OF THEIR AGE CLASS (SEEDLING, SAPLING, AND MATURE TREES) TO ENSURE PROJECT ACTIVITIES DO NOT RESULT IN MORE ADVERSE EFFECTS THAN DESCRIBED IN THE PROJECT DESCRIPTION. WHEREVER POSSIBLE, AVOID REMOVING OR DAMAGING HEALTHY, UNSUPPRESSED 5 NEEDLE PINE TREES. LIMIT SOIL DISTURBANCE AND COMPACTION BY LIMITING THE USE OF MECHANICAL EQUIPMENT SUCH AS HEAVY EQUIPMENT AND VEHICLES. CONTROL RUNOFF OF SOIL DURING PROJECT ACTIVITIES AND AVOID USING MACHINERY IN WET SOILS AND AREAS PRONE TO RUTS. MINIMIZE CREATION OF DUST WHEN USING MECHANICAL EQUIPMENT (HEAVY EQUIPMENT AND VEHICLES).
    - SUCKLEY'S CUCKOO BUMBLE BEE CONSERVATION MEASURES: TO THE EXTENT FEASIBLE, NO NECTAR FEEDING PLANTS OR HOST PLANT SPECIES FOR SUCKLEYS CUCKOO BUMBLE BEE WILL BE REMOVED. IF HABITAT DISTURBANCE IS NECESSARY, ADJUST THE TIMING OF ACTIVITIES IN AREAS CONTAINING PLANTS USED BY SUCKLEYS CUCKOO BUMBLE BEE TO AVOID INTERFERING WITH BREEDING OR FEEDING. TO THE EXTENT FEASIBLE, AVOID USING PESTICIDES OR HERBICIDES IN SUCKLEYS CUCKOO BUMBLE BEE HABITAT THAT COULD RESULT IN DIRECT MORTALITY OR ELIMINATE HOST AND NECTAR PLANTS. IF PESTICIDE APPLICATION IS NECESSARY NEAR SUCKLEYS CUCKOO BUMBLE BEE HABITAT, SELECT CHEMICAL FORMULATIONS SPECIFIC TO THE TARGETED PEST, TIME APPLICATIONS TO AVOID ACTIVITY PERIODS, ESTABLISH BUFFERS, AND MINIMIZE DRIFT TO NON-TARGET AREAS BY DIRECT GROUND APPLICATION. ALL CHEMICAL FORMULATIONS SHALL BE APPROVED BY THE CONTRACTING OFFICER.
    - MONARCH BUTTERFLY CONSERVATION MEASURES: TO THE EXTENT FEASIBLE, NO NECTAR FEEDING PLANTS OR HOST PLANT SPECIES FOR MONARCH BUTTERFLIES OR CATERPILLARS WILL BE REMOVED DURING MANAGEMENT ACTIVITIES. IF HABITAT DISTURBANCE IS NECESSARY, ADJUST THE TIMING OF ACTIVITIES IN AREAS CONTAINING PLANTS USED BY MONARCHS TO AVOID INTERFERING WITH BREEDING OR FEEDING. TO THE EXTENT FEASIBLE, AVOID USING PESTICIDES OR HERBICIDES IN MONARCH BUTTERFLY HABITAT THAT COULD RESULT IN DIRECT MORTALITY OR ELIMINATE HOST AND NECTAR PLANTS. IF PESTICIDE APPLICATION IS NECESSARY NEAR MONARCH BUTTERFLY HABITAT, SELECT CHEMICAL FORMULATIONS SPECIFIC TO THE TARGETED PEST, TIME APPLICATIONS TO AVOID MONARCH ACTIVITY PERIODS, ESTABLISH BUFFERS, AND MINIMIZE DRIFT TO NON-TARGET AREAS BY DIRECT GROUND APPLICATION. ALL CHEMICAL FORMULATIONS SHALL BE APPROVED BY THE CONTRACTING OFFICER.
    - WOLVERINE CONSERVATION MEASURES: CONTRACTOR SHALL PARTICIPATE IN ORIENTATIONS ON HOW TO AVOID DISTURBING OR ENCOUNTERING WOLVERINES AND OTHER WILDLIFE, INCLUDING REGULATIONS REGARDING VEHICLE SPEED LIMITS, FOOD STORAGE, DISPOSAL OF GARBAGE AND OTHER ATTRACTANTS, AND APPROACHING OR HARASSING WILDLIFE. \ANY OBSERVATION OF WOLVERINES WITHIN THE PROPOSED ACTION AREA SHALL BE REPORTED TO THE CONTRACTING OFFICER AND APPROPRIATE ACTION WOULD BE TAKEN TO REDUCE POTENTIAL EFFECTS.

UTILITY PROVIDERS:
·TELECOM - CENTURYLINK
·ELECTRIC - NORTHWESTERN ENERGY (MAMMOTH & CANYON)
- FLATHEAD ELECTRIC (NE ENTRANCE)

MONTANA JESSE CARLSON No. 10552PE LICENSED PROFESSIONAL ENGINEER

Professional Engineer JESSE CARLSON 20110 Date 6/18/26 WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C1.01	TITLE OF SHEET NOTES YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 2 OF 94

PLOT DATE: 6/18/2026 9:10 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYONIC1.01_NOTES.DWG

INDEX

SHEET	SUBSHEET	SHEET TITLE
1	C0.01	COVER
2	C1.01	NOTES
3	C1.02	SHEET INDEX, ABBREVATIONS, LEGENDS
4	C1.03	INDEX MAP
5	C1.04	OVERVIEW MAP
6	C2.01	MAMMOTH EXISTING CONDITIONS & SURVEY CONTROL
7	C2.02	NE ENTRANCE EXISTING CONDITIONS & SURVEY CONTROL
8	C2.03	CANYON VILLAGE EXISTING CONDITIONS & SURVEY CONTROL
9	C2.11	MAMMOTH DEMOLITION BMPS & STAGING
10	C2.12	NE ENTRANCE DEMOLITION BMPS & STAGING
11	C2.13	CANYON VILLAGE DEMOLITION BMPS & STAGING
12	C2.21	MAMMOTH TRAFFIC CONTROL PLAN
13	C3.01	MAMMOTH PLAN SHEET 1 OF 2
14	C3.02	MAMMOTH PLAN SHEET 2 OF 2
15	C3.03	NE ENTRANCE PLAN
16	C3.04	CANYON VILLAGE PLAN SHEET 1 OF 3
17	C3.05	CANYON VILLAGE PLAN SHEET 2 OF 3
18	C3.06	CANYON VILLAGE PLAN SHEET 3 OF 3
19	C4.01	MAMMOTH GRADING SHEET 1 OF 2
20	C4.02	MAMMOTH GRADING SHEET 2 OF 2
21	C4.03	NE ENTRANCE GRADING
22	C4.04	CANYON VILLAGE GRADING SHEET 1 OF 3
23	C4.05	CANYON VILLAGE GRADING SHEET 2 OF 3
24	C4.06	CANYON VILLAGE GRADING SHEET 3 OF 3
25	C5.01	MAMMOTH WATER AND SEWER PLAN & PROFILE SHEET 1 OF 2
26	C5.02	MAMMOTH WATER AND SEWER PLAN & PROFILE SHEET 2 OF 2
27	C5.03	NE ENTRANCE WATER AND SEWER PLAN & PROFILE
28	C5.04	CANYON VILLAGE PLAN & PROFILE SHEET 1 OF 4
29	C5.05	CANYON VILLAGE PLAN & PROFILE SHEET 2 OF 4
30	C5.06	CANYON VILLAGE PLAN & PROFILE SHEET 3 OF 4
31	C5.07	CANYON VILLAGE PLAN & PROFILE SHEET 4 OF 4
32	C5.08	NE ENTRANCE STORM PLAN & PROFILE
33	C5.09	CANYON VILLAGE STORM PLAN & PROFILE
34	C7.01	CIVIL DETAILS SHEET 1 OF 7
35	C7.02	CIVIL DETAILS SHEET 2 OF 7
36	C7.03	CIVIL DETAILS SHEET 3 OF 7
37	C7.04	CIVIL DETAILS SHEET 4 OF 7
38	C7.05	CIVIL DETAILS SHEET 5 OF 7
39	C7.06	CIVIL DETAILS SHEET 6 OF 7
40	C7.07	CIVIL DETAILS SHEET 7 OF 7
41	E1	MAMMOTH ELECTRICAL AND TELECOM SITE PLAN 1 OF 2
42	E2	MAMMOTH ELECTRICAL AND TELECOM SITE PLAN 2 OF 2
43	E3	NE ENTRANCE ELECTRICAL SITE PLAN
44	E4	CANYON VILLAGE ELECTRICAL SITE PLAN SHEET 1 OF 3
45	E5	CANYON VILLAGE ELECTRICAL SITE PLAN SHEET 2 OF 3
46	E6	CANYON VILLAGE ELECTRICAL SITE PLAN SHEET 3 OF 3
47	E7	MAMMOTH ELECTRICAL ONE LINE DIAGRAM
48	E8	NE ENTRANCE ELECTRICAL ONE LINE DIAGRAM
49	E9	CANYON VILLAGE ELECTRICAL ONE LINE DIAGRAM
50	E10	ELECTRICAL AND TELECOM DETAILS
51	A000	SHEET INDEX & CODE INFORMATION
52	A001	STANDARD ABBREVIATIONS, SYMBOLS, & NOTES
53	A002	TYPICAL MOUNTING HEIGHTS
54	A003	ASSEMBLY
55	A005A	2BR DOOR & WINDOW TYPES, SCHEDULES, DETAILS
56	A005B	2BR ABA DOOR & WINDOW TYPES, SCHEDULES, DETAILS
57	A005C	3BR DOOR TYPES, SCHEDULES, DETAILS
58	A005D	3BR ABA DOOR TYPES, SCHEDULES, DETAILS
59	A006C	3BR WINDOW TYPES, SCHEDULES, DETAILS
60	A006D	3BR ABA WINDOW TYPES, SCHEDULES, DETAILS
61	A101A	2BR FLOOR & REFLECTED CEILING PLAN
62	A101B	2BR ABA FLOOR & REFLECTED CEILING PLAN ABA
63	A101C	3BR FLOOR PLAN
64	A101D	3BR ABA FLOOR PLAN
65	A102C	3BR REFLECTED CEILING PLAN
66	A102D	3BR ABA REFLECTED CEILING PLAN
67	A200A	2BR ELEVATIONS
68	A200B	2BR ABA ELEVATIONS
69	A200C	3BR ELEVATIONS
70	A200D	3BR ABA ELEVATIONS
71	A610A	2BR INTERIOR ELEVATIONS
72	A610B	2BR ABA INTERIOR ELEVATIONS
73	A610C	3BR INTERIOR ELEVATIONS
74	A610D	3BR ABA INTERIOR ELEVATIONS
75	A901A	2BR RENDERINGS
76	A901B	2BR ABA RENDERINGS
77	A901C	3BR RENDERINGS
78	A901D	3BR ABA RENDERINGS
79	P101A	2BR PLUMBING PLAN
80	P101B	2BR ABA PLUMBING PLAN
81	P101C	3BR PLUMBING PLAN
82	P101D	3BR ABA PLUMBING PLAN
83	E101A	2BR ELECTRICAL FLOOR PLAN
84	E101B	2BR ABA ELECTRICAL FLOOR PLAN
85	E101C	3BR ELECTRICAL FLOOR PLAN
86	E101D	3BR ABA ELECTRICAL FLOOR PLAN
87	S001	GENERAL STRUCTURAL NOTES
88	S002	STRUCTURAL SPECIAL INSPECTIONS, TESTS AND GENERAL NOTES
89	S101	FOUNDATION PLAN - 2BR
90	S111	FOUNDATION PLAN 2BR - ADA
91	S201	FOUNDATION PLAN - 3BR
92	S211	FOUNDATION PLAN 3BR - ADA
93	S500	FOUNDATION DETAILS
94	S501	FOUNDATION DETAILS

ABBREVIATIONS

ABAAS	ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS
AC / ASPH	ASPHALT CONCRETE
ADA	AMERICAN DISABILITIES ACT
APPROX	APPROXIMATELY
ASTM	AMERICAN SOCIETY FOR THE TESTING OF MATERIALS
ATSSA	AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION
BLDG	BUILDING
BMP	BEST MANAGEMENT PRACTICES
BVC	BEGIN VERTICAL CURVE
C&G	CURB & GUTTER
CC	CENTER TO CENTER
CONC	CONCRETE
CNR	CORNER
CL (OR C/L)	CENTER LINE
CLF	CONSTRUCTION LIMIT FENCE
CO	CONTRACTING OFFICER
CY	CUBIC YARDS
DEQ	DEPARTMENT OF ENVIRONMENTAL QUALITY (WYOMING)
DIA	DIAMETER
EA	EACH
EG	EXISTING GROUND
EP	EDGE OF PAVEMENT
EVC	END VERTICAL CURVE
EX	EXISTING
FFE	FINSHED FLOOR ELEVATION
FG	FINISHED GRADE
FL	FLOW LINE
FSS	FORCE SANITARY SERVICE
FT	FEET OR FOOT
HDPE	HIGH DENSITY POLYETHYLENE
HP	HIGH POINT
INV	INVERT
(L)	LEFT
LBS	POUNDS
LF	LINEAR FOOT
LOD	LIMIT OF DISTURBANCE
MAX	MAXIMUM
MIN	MINIMUM
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NPS	NATIONAL PARK SERVICE
NTS	NOT TO SCALE
OFF.	OFFSET
P&P	PLAN AND PROFILE
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PCPT	PROJECT CONTROL POINT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS
(R)	RIGHT
RC OR R.C.	RELATIVE COMPACTION
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
S/W	SIDEWALK
SCH	SCHEDULE
SDR	STANDARD DIMENSION RATIO
SF OR SQFT	SQUARE FOOT
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STA	STATION
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
TYP	TYPICAL
V-PAN	VALLEY PAN
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
W/	WITH
W	WATER
WPWSS	WYOMING PUBLIC WORKS STANDARD SPECIFICATIONS

EXISTING LEGEND

- 4000 — MAJOR CONTOUR
- 4001 — MINOR CONTOUR
- FENCE
- WETLAND
- ELECTRIC
- WATER
- WASTEWATER
- STORM DRAIN
- FIRE HYDRANT
- WATER VALVE
- SANITARY MANHOLE
- DROP INLET
- ELECTRIC METER
- UTILITY MARKER
- SIGN
- WOODEN POST
- TELECOM PEDESTAL
- 5 NEEDLE PINE TREE
- DECIDIOUS TREE
- CONIFER TREE
- BOULDER
- SANITARY CLEANOUT
- WATER METER
- WATER RISER BOX
- ELECTRIC OUTLET
- ELEC RISER BOX
- ELEC PEDESTAL
- JUNCTION BOX
- UTILITY POLE
- ELECTRIC TRANSFORMER
- ALUMINUM MONUMENT
- WOODEN POST

PROPOSED LEGEND

- 4000 — MAJOR CONTOUR
- 4001 — MINOR CONTOUR
- ASPHALT PAVEMENT
- PCC PAVEMENT
- BUILDING
- WATER
- WASTEWATER
- ELECTRIC
- TELECOM

MONTANA 6/18/26 JESSE CARLSON No. 105520PE LICENSED PROFESSIONAL ENGINEER

Professional Engineer JESSE CARLSON 20110 Date 6/18/26 WYOMING

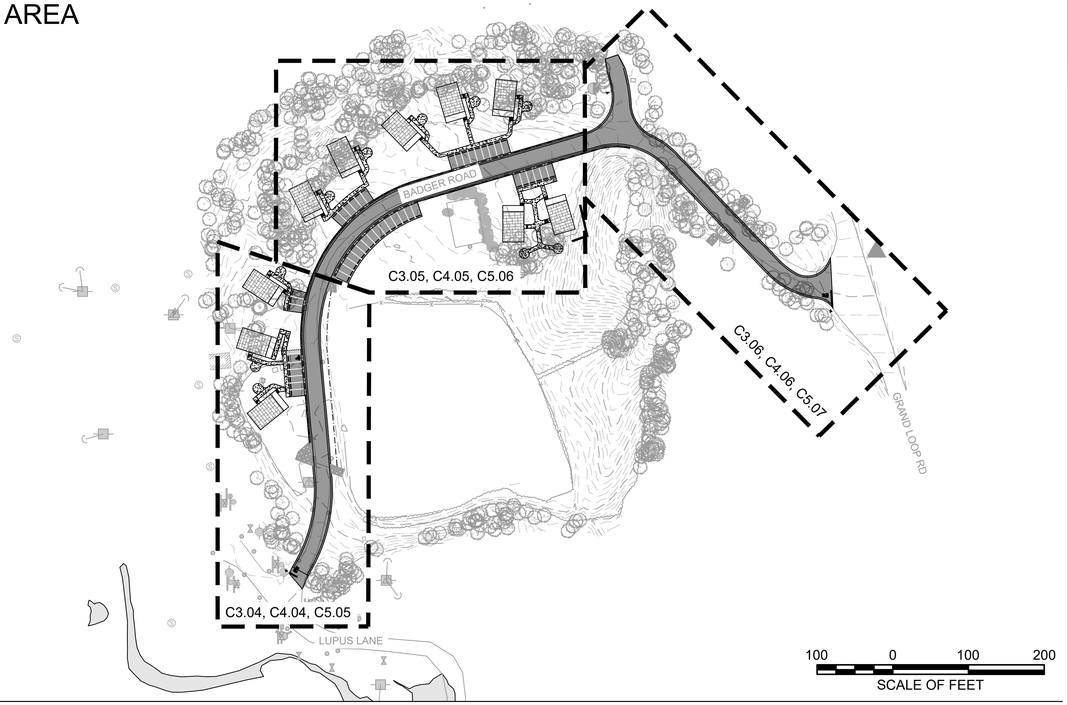
A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C1.02	TITLE OF SHEET SHEET INDEX, ABBREVATIONS, LEGENDS YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 3 OF 94

PLOT DATE: 6/18/2026 9:10 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\C1.01_NOTES.DWG

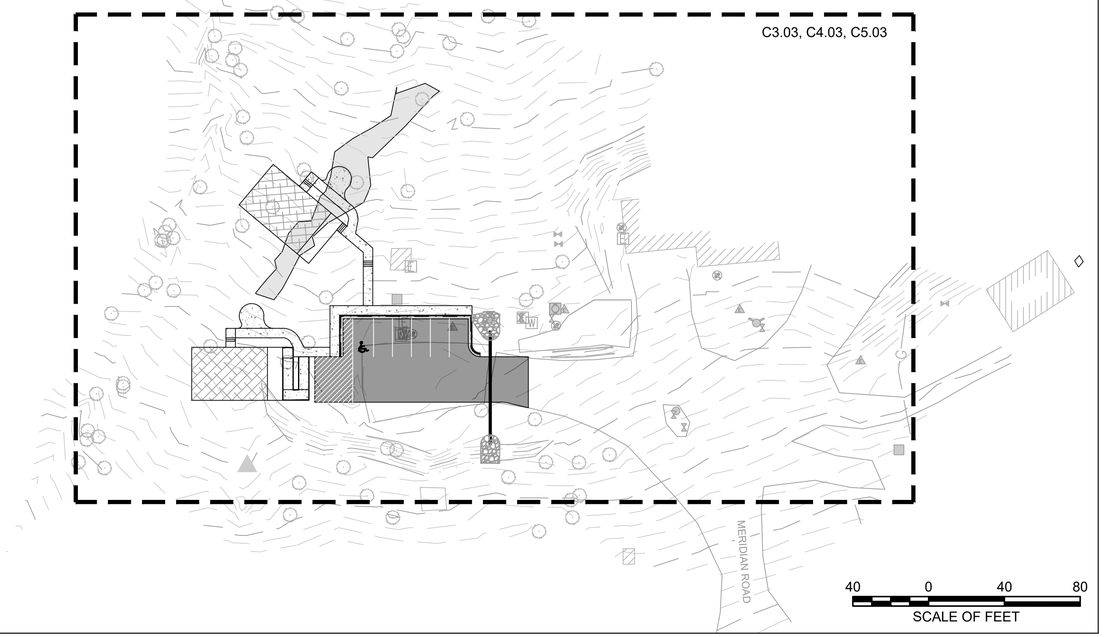
MAMMOTH AREA



CANYON AREA



NORTHEAST ENTRANCE AREA



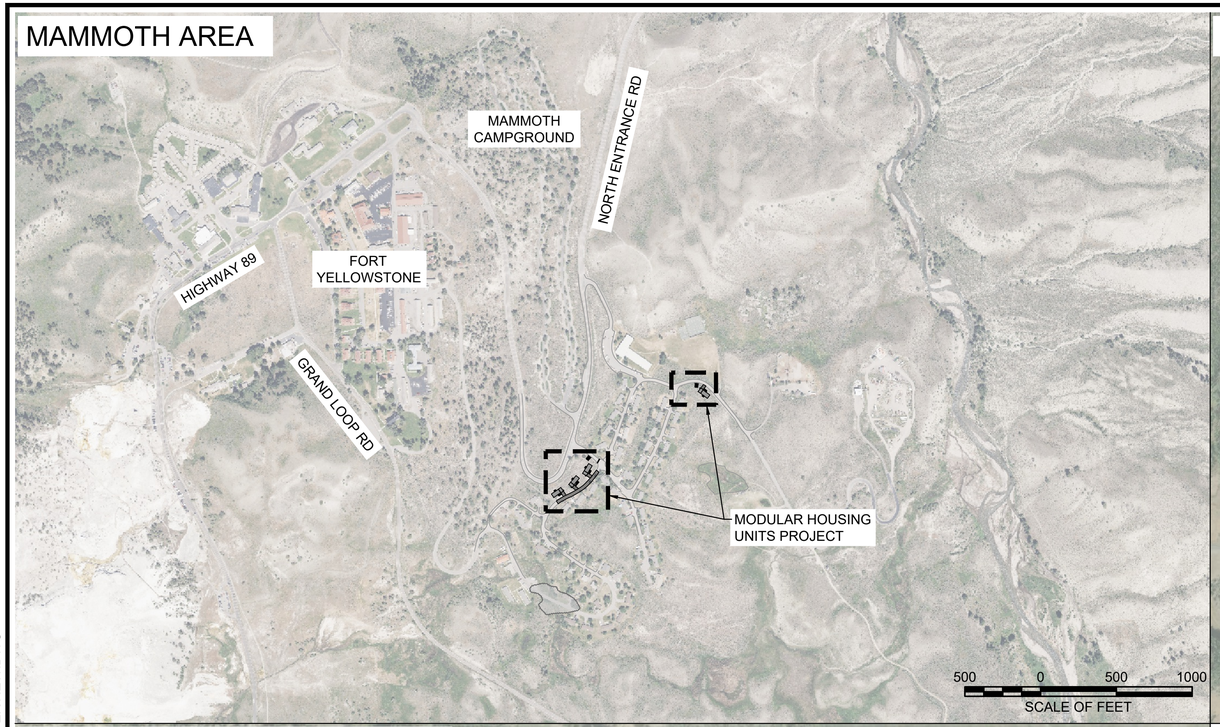
PLOT DATE: 6/26/2026 11:21 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTH\C1.02_INDEX.DWG

MONTANA 6/26/26 JESSE CARLSON No. 105520PE LICENSED PROFESSIONAL ENGINEER

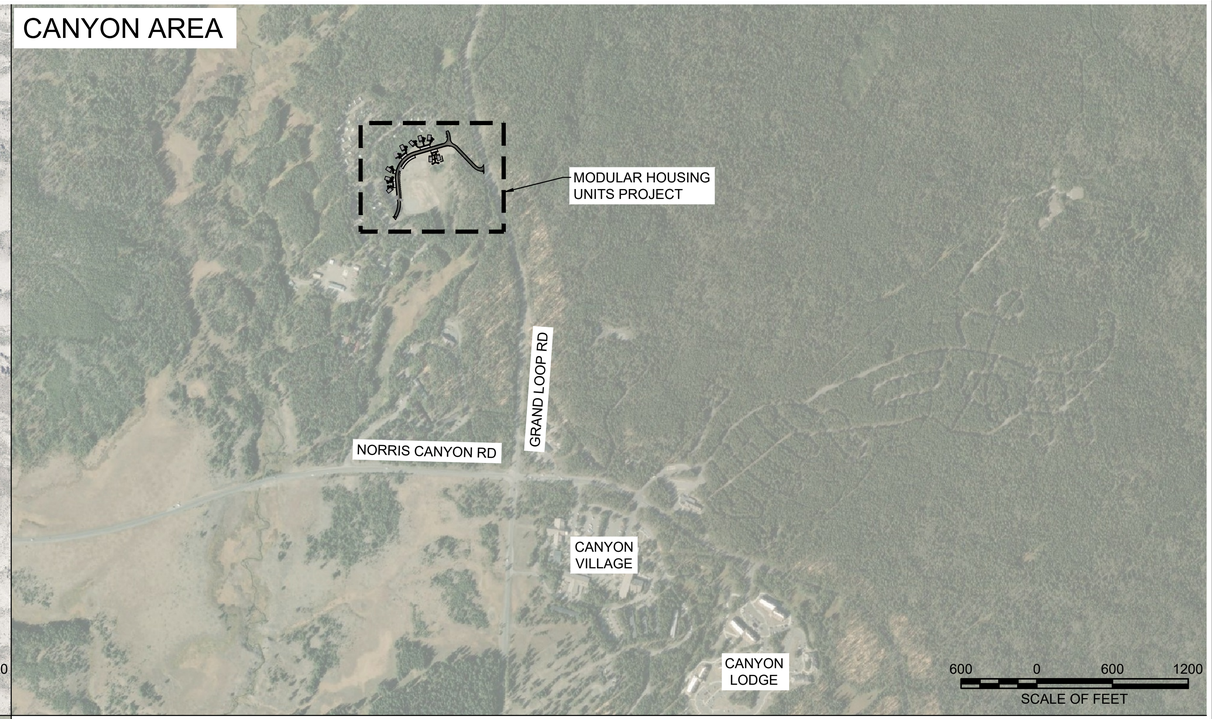
Professional Engineer JESSE CARLSON 20110 Date 6/26/26 WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	SUB SHEET NO. C1.03	TITLE OF SHEET INDEX MAP YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 4 OF 94

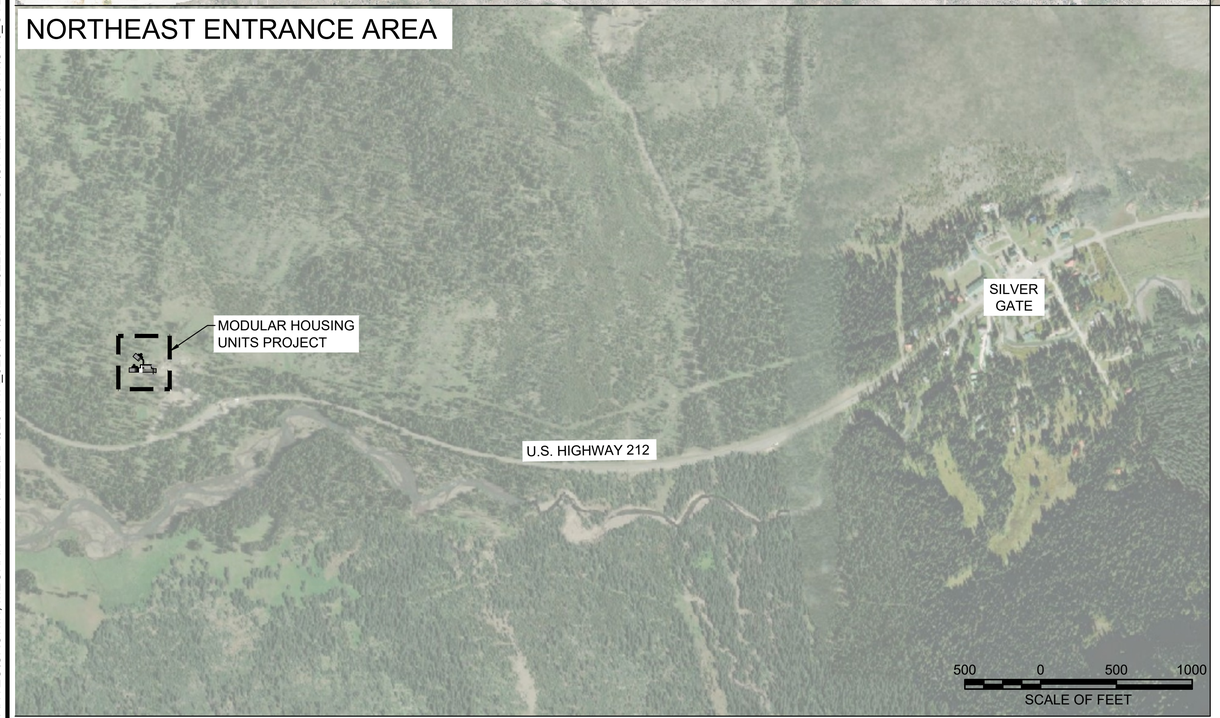
MAMMOTH AREA



CANYON AREA



NORTHEAST ENTRANCE AREA



PLOT DATE: 6/26/2026 11:27 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTHC1.0_OVERVIEW.DWG

MONTANA
6/26/26
JESSE CARLSON
No. 10552PE
LICENSED PROFESSIONAL ENGINEER

Professional Engineer
JESSE CARLSON
20110
Date 6/26/26
WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	SUB SHEET NO. C1.04	TITLE OF SHEET OVERVIEW MAP YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 5 OF 94

101
6034.285
CONTROL POINT

CONTROL TABLE				
POINT #	ELEVATION	NORTHING	EASTING	DESCRIPTION
101	6034.29	1960219.76	2467749.62	PCPT
102	6112.83	1958388.83	2466878.56	PCPT
103	5951.61	1958569.82	2469230.54	PCPT

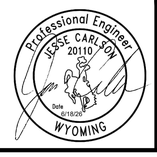
NOTES:
1. COORDINATES AND LIDAR DATA SHOWN IN THE FOLLOWING PROJECTION: WYOMING STATE PLANE, WEST ZONE; HORIZONTAL DATUM NORTH AMERICAN DATUM OF 1983 (NAD83) 2011; AND VERTICAL DATUM NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88), GEOID 18 IN US SURVEY FEET.

CEDAR TERRACE AVE
EX VALVES, TYP
BONEYARD SERVICE ROAD
PINYON TERRACE ST
PROSPECT TERRACE ST
EX DECIDUOUS TREE, TYP
EX WATER METER
EX SANITARY MANHOLE
EX CONIFER TREE, TYP
EX FENCE, TYP
EX ALUMINUM MONUMENT
EX ELECTRIC TRANSFORMER
EX ELECTRIC METER
EX TELECOM PEDESTAL, TYP
EX DROP INLET, TYP
EX SANITARY MANHOLE, TYP
NORTH ENTRANCE ROAD
EX CULVERT
POWERHOUSE RD
HIGHLAND TERRACE AVE
EX WETLAND
EX STEEL BARRIER, TYP
EX WOODEN POST, TYP
EX TELECOM PEDESTAL
EX MODULAR UNITS
EX HYDRANT, TYP
EX SIGN, TYP
EX 5 NEEDLE PINE TREE, TYP

102
6112.827
CONTROL POINT

103
5951.608
CONTROL POINT

200 0 100 200
SCALE OF FEET

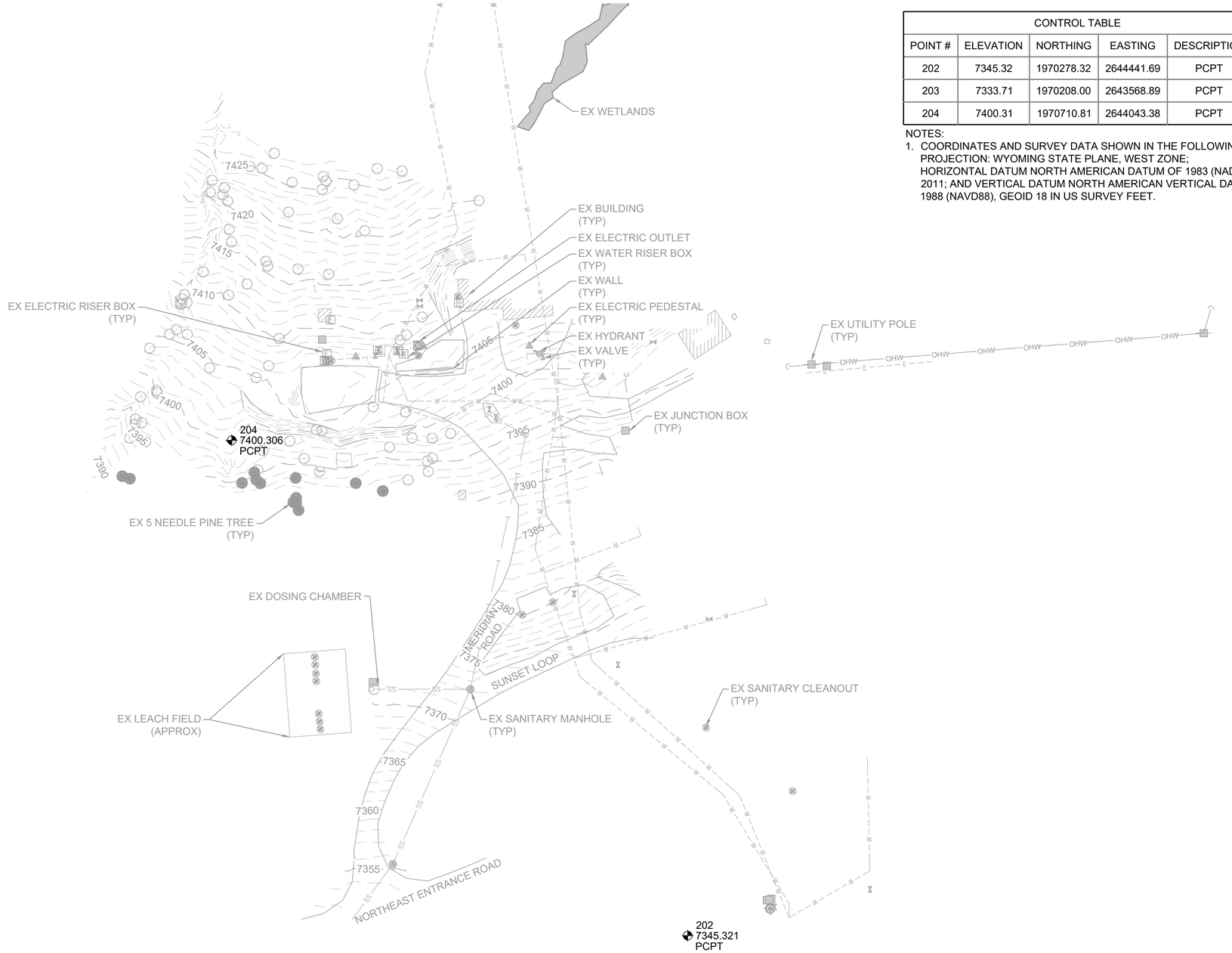


A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C2.01	TITLE OF SHEET MAMMOTH EXISTING CONDITIONS & SURVEY CONTROL YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 6 OF 94

PLOT DATE: 6/18/2026 9:11 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTH\C2.01_MAMMOTH_CONTROL.DWG

CONTROL TABLE				
POINT #	ELEVATION	NORTHING	EASTING	DESCRIPTION
202	7345.32	1970278.32	2644441.69	PCPT
203	7333.71	1970208.00	2643568.89	PCPT
204	7400.31	1970710.81	2644043.38	PCPT

NOTES:
1. COORDINATES AND SURVEY DATA SHOWN IN THE FOLLOWING PROJECTION: WYOMING STATE PLANE, WEST ZONE; HORIZONTAL DATUM NORTH AMERICAN DATUM OF 1983 (NAD83) 2011; AND VERTICAL DATUM NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88), GEOID 18 IN US SURVEY FEET.



50 0 50 100
SCALE OF FEET

MONTANA
6/18/26
JESSE CARLSON
No. 105520PE
LICENSED PROFESSIONAL ENGINEER

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C2.02	TITLE OF SHEET NE ENTRANCE EXISTING CONDITIONS & SURVEY CONTROL YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 7 OF 94

PLOT DATE: 6/18/2026 9:11 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\CANYONIC2.01_NE_CONTROL.DWG

CONTROL TABLE				
POINT #	ELEVATION	NORTHING	EASTING	DESCRIPTION
303	7959.27	1875275.99	2519049.75	PCPT
304	7957.99	1875807.74	2518094.84	PCPT

NOTES:
1. COORDINATES AND SURVEY DATA SHOWN IN THE FOLLOWING PROJECTION: WYOMING STATE PLANE, WEST ZONE; HORIZONTAL DATUM NORTH AMERICAN DATUM OF 1983 (NAD83) 2011; AND VERTICAL DATUM NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88), GEOID 18 IN US SURVEY FEET.

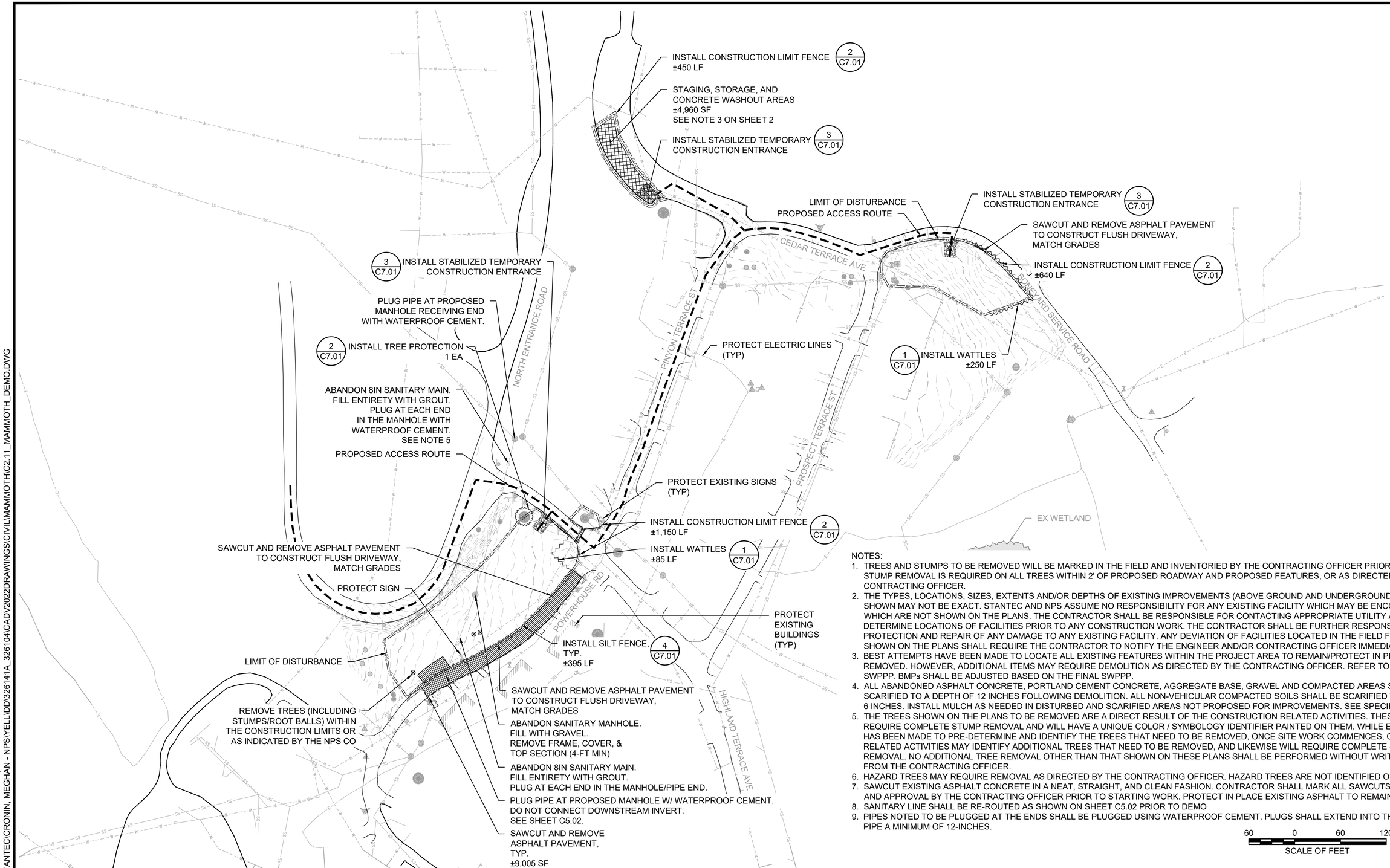


60 0 60 120
SCALE OF FEET

Professional Engineer
JESSE CARLSON
20110
WYOMING
06/18/20

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C2.03	TITLE OF SHEET CANYON VILLAGE EXISTING CONDITIONS & SURVEY CONTROL YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 8 OF 94

PLOT DATE: 6/18/2026 2:13 PM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\C2.02_CANYON_CONTROL.DWG



NOTES:

1. TREES AND STUMPS TO BE REMOVED WILL BE MARKED IN THE FIELD AND INVENTORIED BY THE CONTRACTING OFFICER PRIOR TO REMOVAL. STUMP REMOVAL IS REQUIRED ON ALL TREES WITHIN 2' OF PROPOSED ROADWAY AND PROPOSED FEATURES, OR AS DIRECTED BY THE CONTRACTING OFFICER.
2. THE TYPES, LOCATIONS, SIZES, EXTENTS AND/OR DEPTHS OF EXISTING IMPROVEMENTS (ABOVE GROUND AND UNDERGROUND) THAT ARE SHOWN MAY NOT BE EXACT. STANTEC AND NPS ASSUME NO RESPONSIBILITY FOR ANY EXISTING FACILITY WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING APPROPRIATE UTILITY AGENCIES TO DETERMINE LOCATIONS OF FACILITIES PRIOR TO ANY CONSTRUCTION WORK. THE CONTRACTOR SHALL BE FURTHER RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ANY DAMAGE TO ANY EXISTING FACILITY. ANY DEVIATION OF FACILITIES LOCATED IN THE FIELD FROM THAT SHOWN ON THE PLANS SHALL REQUIRE THE CONTRACTOR TO NOTIFY THE ENGINEER AND/OR CONTRACTING OFFICER IMMEDIATELY.
3. BEST ATTEMPTS HAVE BEEN MADE TO LOCATE ALL EXISTING FEATURES WITHIN THE PROJECT AREA TO REMAIN/PROTECT IN PLACE AND TO BE REMOVED. HOWEVER, ADDITIONAL ITEMS MAY REQUIRE DEMOLITION AS DIRECTED BY THE CONTRACTING OFFICER. REFER TO THE PROJECT SWPPP. BMPs SHALL BE ADJUSTED BASED ON THE FINAL SWPPP.
4. ALL ABANDONED ASPHALT CONCRETE, PORTLAND CEMENT CONCRETE, AGGREGATE BASE, GRAVEL AND COMPACTED AREAS SHALL BE SCARIFIED TO A DEPTH OF 12 INCHES FOLLOWING DEMOLITION. ALL NON-VEHICULAR COMPACTED SOILS SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES. INSTALL MULCH AS NEEDED IN DISTURBED AND SCARIFIED AREAS NOT PROPOSED FOR IMPROVEMENTS. SEE SPECIFICATIONS.
5. THE TREES SHOWN ON THE PLANS TO BE REMOVED ARE A DIRECT RESULT OF THE CONSTRUCTION RELATED ACTIVITIES. THESE TREES WILL REQUIRE COMPLETE STUMP REMOVAL AND WILL HAVE A UNIQUE COLOR / SYMBOLOGY IDENTIFIER PAINTED ON THEM. WHILE EVERY EFFORT HAS BEEN MADE TO PRE-DETERMINE AND IDENTIFY THE TREES THAT NEED TO BE REMOVED, ONCE SITE WORK COMMENCES, CONSTRUCTION RELATED ACTIVITIES MAY IDENTIFY ADDITIONAL TREES THAT NEED TO BE REMOVED, AND LIKEWISE WILL REQUIRE COMPLETE STUMP REMOVAL. NO ADDITIONAL TREE REMOVAL OTHER THAN THAT SHOWN ON THESE PLANS SHALL BE PERFORMED WITHOUT WRITTEN DIRECTION FROM THE CONTRACTING OFFICER.
6. HAZARD TREES MAY REQUIRE REMOVAL AS DIRECTED BY THE CONTRACTING OFFICER. HAZARD TREES ARE NOT IDENTIFIED ON THESE PLANS.
7. SAWCUT EXISTING ASPHALT CONCRETE IN A NEAT, STRAIGHT, AND CLEAN FASHION. CONTRACTOR SHALL MARK ALL SAWCUTS FOR REVIEW AND APPROVAL BY THE CONTRACTING OFFICER PRIOR TO STARTING WORK. PROTECT IN PLACE EXISTING ASPHALT TO REMAIN.
8. SANITARY LINE SHALL BE RE-ROUTED AS SHOWN ON SHEET C5.02 PRIOR TO DEMO
9. PIPES NOTED TO BE PLUGGED AT THE ENDS SHALL BE PLUGGED USING WATERPROOF CEMENT. PLUGS SHALL EXTEND INTO THE ABANDONED PIPE A MINIMUM OF 12-INCHES.

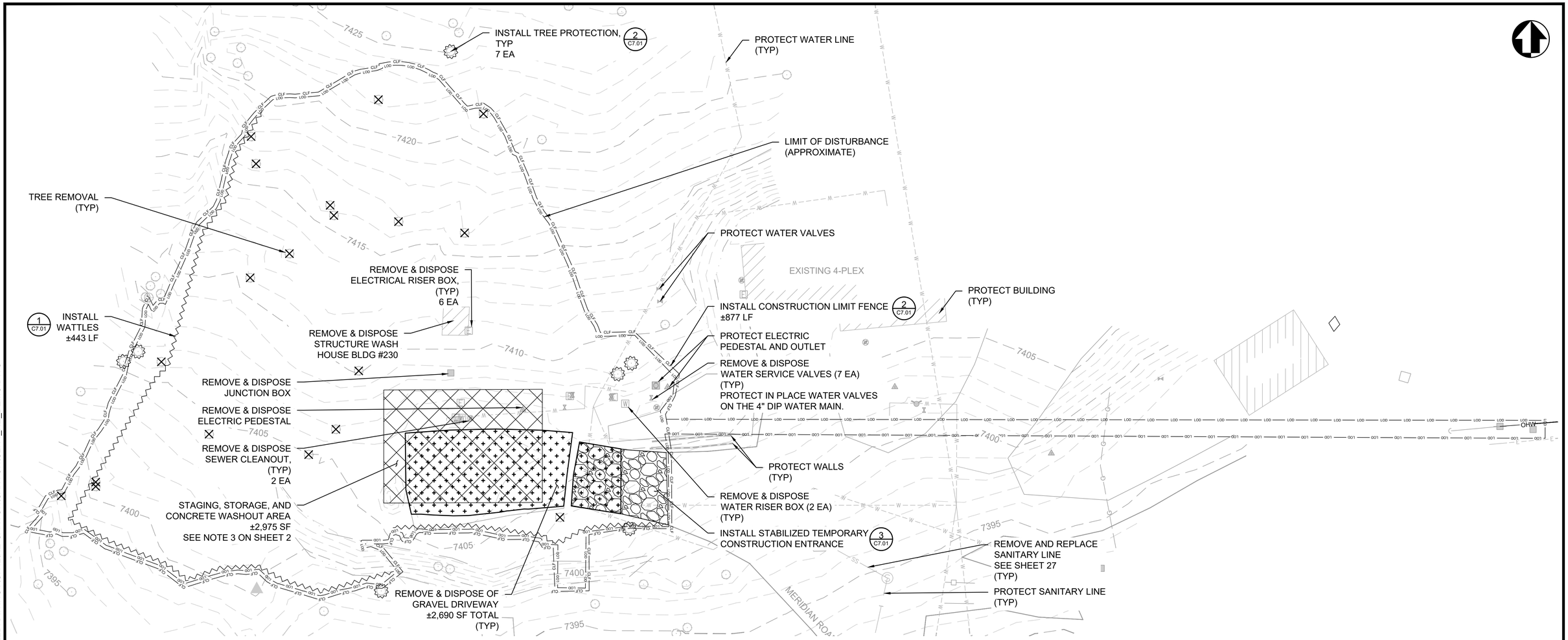
60 0 60 120
SCALE OF FEET

Professional Engineer
JESSE CARLSON
20110
Date 6/18/26
WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C2.11	TITLE OF SHEET MAMMOTH DEMOLITION BMPS & STAGING YELLOWSTONE NATIONAL PARK

DRAWING NO. 101 198433
PMIS / PKG NO. 326141
SHEET 9 OF 94

PLOT DATE: 6/18/2026 2:13 PM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTH\C2.11_MAMMOTH_DEMO.DWG



NOTES:

1. TREES AND STUMPS TO BE REMOVED WILL BE MARKED IN THE FIELD AND INVENTORIED BY THE CONTRACTING OFFICER PRIOR TO REMOVAL. STUMP REMOVAL IS REQUIRED ON ALL TREES WITHIN 2' OF PROPOSED ROADWAY AND PROPOSED FEATURES, OR AS DIRECTED BY THE CONTRACTING OFFICER.
2. THE TYPES, LOCATIONS, SIZES, EXTENTS AND/OR DEPTHS OF EXISTING IMPROVEMENTS (ABOVE GROUND AND UNDERGROUND) THAT ARE SHOWN MAY NOT BE EXACT. STANTEC AND NPS ASSUME NO RESPONSIBILITY FOR ANY EXISTING FACILITY WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING APPROPRIATE UTILITY AGENCIES TO DETERMINE LOCATIONS OF FACILITIES PRIOR TO ANY CONSTRUCTION WORK. THE CONTRACTOR SHALL BE FURTHER RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ANY DAMAGE TO ANY EXISTING FACILITY. ANY DEVIATION OF FACILITIES LOCATED IN THE FIELD FROM THAT SHOWN ON THE PLANS SHALL REQUIRE THE CONTRACTOR TO NOTIFY THE ENGINEER AND/OR CONTRACTING OFFICER IMMEDIATELY.
3. BEST ATTEMPTS HAVE BEEN MADE TO LOCATE ALL EXISTING FEATURES WITHIN THE PROJECT AREA TO REMAIN/PROTECT IN PLACE AND TO BE REMOVED. HOWEVER, ADDITIONAL ITEMS MAY REQUIRE DEMOLITION AS DIRECTED BY THE CONTRACTING OFFICER. REFER TO THE PROJECT SWPPP. BMPs SHALL BE ADJUSTED BASED ON THE FINAL SWPPP.
4. ALL ABANDONED ASPHALT CONCRETE, PORTLAND CEMENT CONCRETE, AGGREGATE BASE, GRAVEL AND COMPACTED AREAS SHALL BE SCARIFIED TO A DEPTH OF 12 INCHES FOLLOWING DEMOLITION. ALL NON-VEHICULAR COMPACTED SOILS SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES. INSTALL MULCH AS NEEDED IN DISTURBED AND SCARIFIED AREAS NOT PROPOSED FOR IMPROVEMENTS. SEE SPECIFICATIONS.
5. THE TREES SHOWN ON THE PLANS TO BE REMOVED ARE A DIRECT RESULT OF THE CONSTRUCTION RELATED ACTIVITIES. THESE TREES WILL REQUIRE COMPLETE STUMP REMOVAL AND WILL HAVE A UNIQUE COLOR / SYMBOLOGY IDENTIFIER PAINTED ON THEM. WHILE EVERY EFFORT HAS BEEN MADE TO PRE-DETERMINE AND IDENTIFY THE TREES THAT NEED TO BE REMOVED, ONCE SITE WORK COMMENCES, CONSTRUCTION RELATED ACTIVITIES MAY IDENTIFY ADDITIONAL TREES THAT NEED TO BE REMOVED, AND LIKEWISE WILL REQUIRE COMPLETE STUMP REMOVAL. NO ADDITIONAL TREE REMOVAL OTHER THAN THAT SHOWN ON THESE PLANS SHALL BE PERFORMED WITHOUT WRITTEN DIRECTION FROM THE CONTRACTING OFFICER.
6. HAZARD TREES MAY REQUIRE REMOVAL AS DIRECTED BY THE CONTRACTING OFFICER. HAZARD TREES ARE NOT IDENTIFIED ON THESE PLANS.

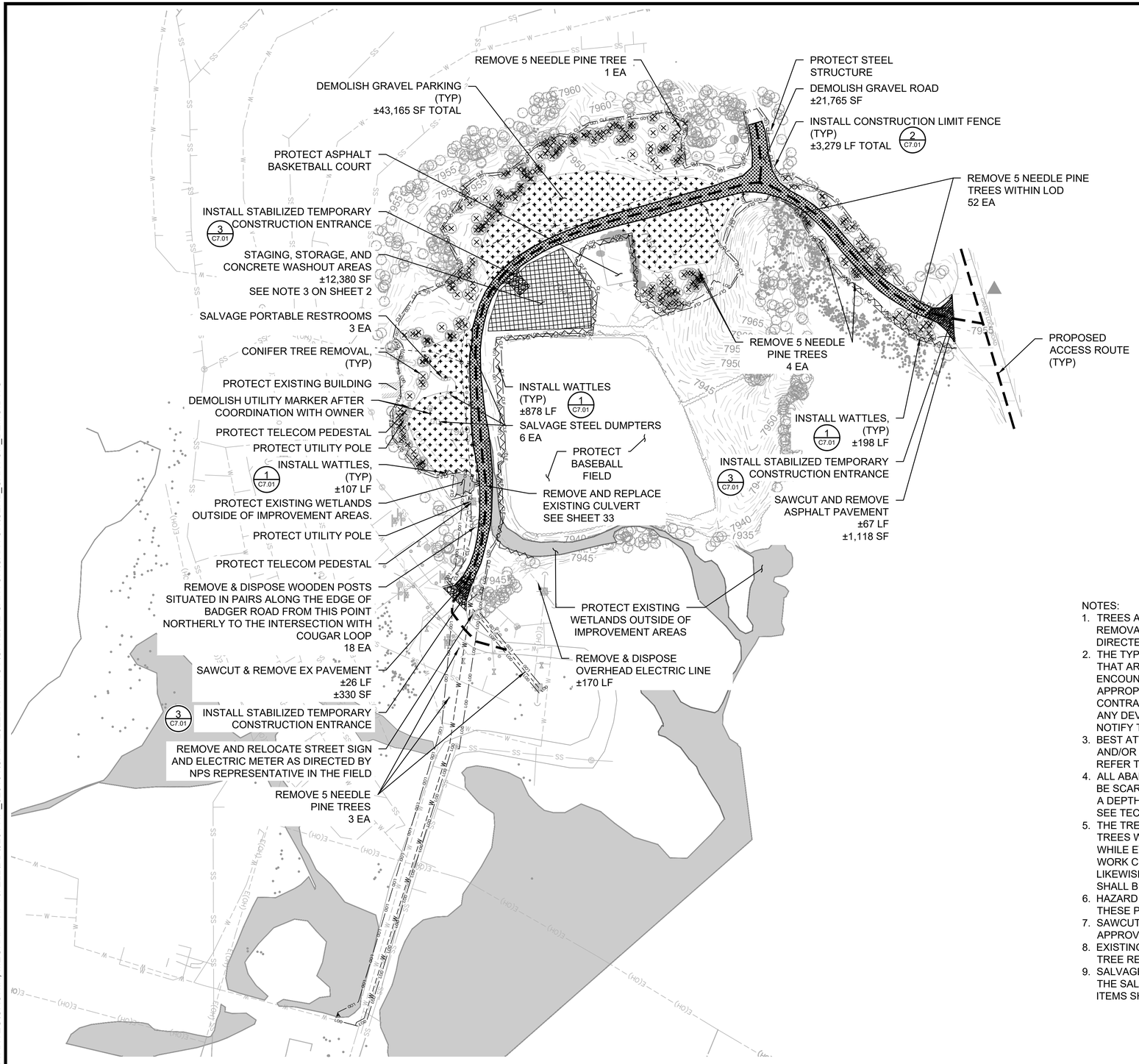
20 0 20 40
SCALE OF FEET

MONTANA 6/18/26 JESSE CARLSON No. 105520PE LICENSED PROFESSIONAL ENGINEER

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C2.12	TITLE OF SHEET NE ENTRANCE DEMOLITION BMPS & STAGING YELLOWSTONE NATIONAL PARK

DRAWING NO. 101 198433
PMIS / PKG NO. 326141
SHEET 10 OF 94

PLOT DATE: 6/18/2026 2:14 PM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVILINE-CANYONICC2.11_NE_DEMO.DWG



NOTES:

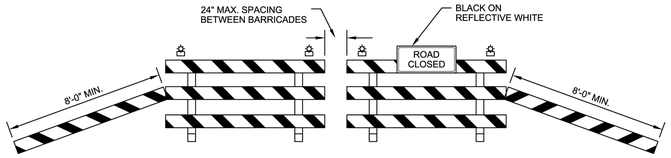
1. TREES AND STUMPS TO BE REMOVED WILL BE MARKED IN THE FIELD AND INVENTORIED BY THE CONTRACTING OFFICER PRIOR TO REMOVAL. STUMP REMOVAL IS REQUIRED ON ALL TREES WITHIN 2' OF PROPOSED ROADWAY AND PROPOSED FEATURES, OR AS DIRECTED BY THE CONTRACTING OFFICER.
2. THE TYPES, LOCATIONS, SIZES, EXTENTS AND/OR DEPTHS OF EXISTING IMPROVEMENTS (ABOVE GROUND AND UNDERGROUND) THAT ARE SHOWN MAY NOT BE EXACT. STANTEC AND NPS ASSUME NO RESPONSIBILITY FOR ANY EXISTING FACILITY WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING APPROPRIATE UTILITY AGENCIES TO DETERMINE LOCATIONS OF FACILITIES PRIOR TO ANY CONSTRUCTION WORK. THE CONTRACTOR SHALL BE FURTHER RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ANY DAMAGE TO ANY EXISTING FACILITY. ANY DEVIATION OF FACILITIES LOCATED IN THE FIELD FROM THAT SHOWN ON THE PLANS SHALL REQUIRE THE CONTRACTOR TO NOTIFY THE CONTRACTING OFFICER IMMEDIATELY.
3. BEST ATTEMPTS HAVE BEEN MADE TO LOCATE ALL EXISTING FEATURES WITHIN THE PROJECT AREA TO REMAIN/PROTECT IN PLACE AND/OR TO BE REMOVED. HOWEVER, ADDITIONAL ITEMS MAY REQUIRE DEMOLITION AS DIRECTED BY THE CONTRACTING OFFICER. REFER TO THE PROJECT SWPPP. BMPs SHALL BE ADJUSTED BASED ON THE FINAL SWPPP.
4. ALL ABANDONED ASPHALT CONCRETE, PORTLAND CEMENT CONCRETE, AGGREGATE BASE, GRAVEL AND COMPACTED AREAS SHALL BE SCARIFIED TO A DEPTH OF 12 INCHES FOLLOWING DEMOLITION. ALL NON-VEHICULAR COMPACTED SOILS SHALL BE SCARIFIED TO A DEPTH OF 6 INCHES. INSTALL MULCH AS NEEDED IN DISTURBED AND SCARIFIED AREAS NOT PROPOSED FOR IMPROVEMENTS. SEE TECHNICAL CONDITIONS.
5. THE TREES SHOWN ON THE PLANS TO BE REMOVED ARE A DIRECT RESULT OF THE CONSTRUCTION RELATED ACTIVITIES. THESE TREES WILL REQUIRE COMPLETE STUMP REMOVAL AND WILL HAVE A UNIQUE COLOR / SYMBOLOGY IDENTIFIER PAINTED ON THEM. WHILE EVERY EFFORT HAS BEEN MADE TO PRE-DETERMINE AND IDENTIFY THE TREES THAT NEED TO BE REMOVED, ONCE SITE WORK COMMENCES, CONSTRUCTION RELATED ACTIVITIES MAY IDENTIFY ADDITIONAL TREES THAT NEED TO BE REMOVED, AND LIKEWISE WILL REQUIRE COMPLETE STUMP REMOVAL. NO ADDITIONAL TREE REMOVAL OTHER THAN THAT SHOWN ON THESE PLANS SHALL BE PERFORMED WITHOUT WRITTEN DIRECTION FROM THE CONTRACTING OFFICER.
6. HAZARD TREES MAY REQUIRE REMOVAL AS DIRECTED BY THE CONTRACTING OFFICER. HAZARD TREES ARE NOT IDENTIFIED ON THESE PLANS.
7. SAWCUT EXISTING AC IN A NEAT, STRAIGHT, AND CLEAN FASHION. CONTRACTOR SHALL MARK ALL SAWCUTS FOR REVIEW AND APPROVAL BY THE CONTRACTING OFFICER PRIOR TO STARTING WORK. PROTECT IN PLACE EXISTING ASPHALT TO REMAIN.
8. EXISTING TREES TO BE PROTECTED IN PLACE, UNLESS OTHERWISE NOTES. COORDINATE WITH THE CONTRACTING OFFICER ON ALL TREE REMOVALS PRIOR TO BEGINNING WORK.
9. SALVAGED ITEMS SHALL BE STORED IN THE STOCKPILE AREA UNTIL THE CONTRACTING OFFICER DETERMINES WHETHER OR NOT THE SALVAGED ITEM SHALL BE REUSED BY NPS. ITEMS MARKED FOR REUSE SHALL REMAIN AND BE HANDLED BY NPS. ALL OTHER ITEMS SHALL BE DISPOSED BY THE CONTRACTOR.

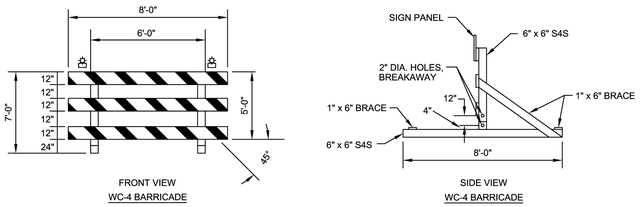
40 0 40 80
SCALE OF FEET

Professional Engineer
JESSE CARLSON
20110
WYOMING
Date 6/18/26

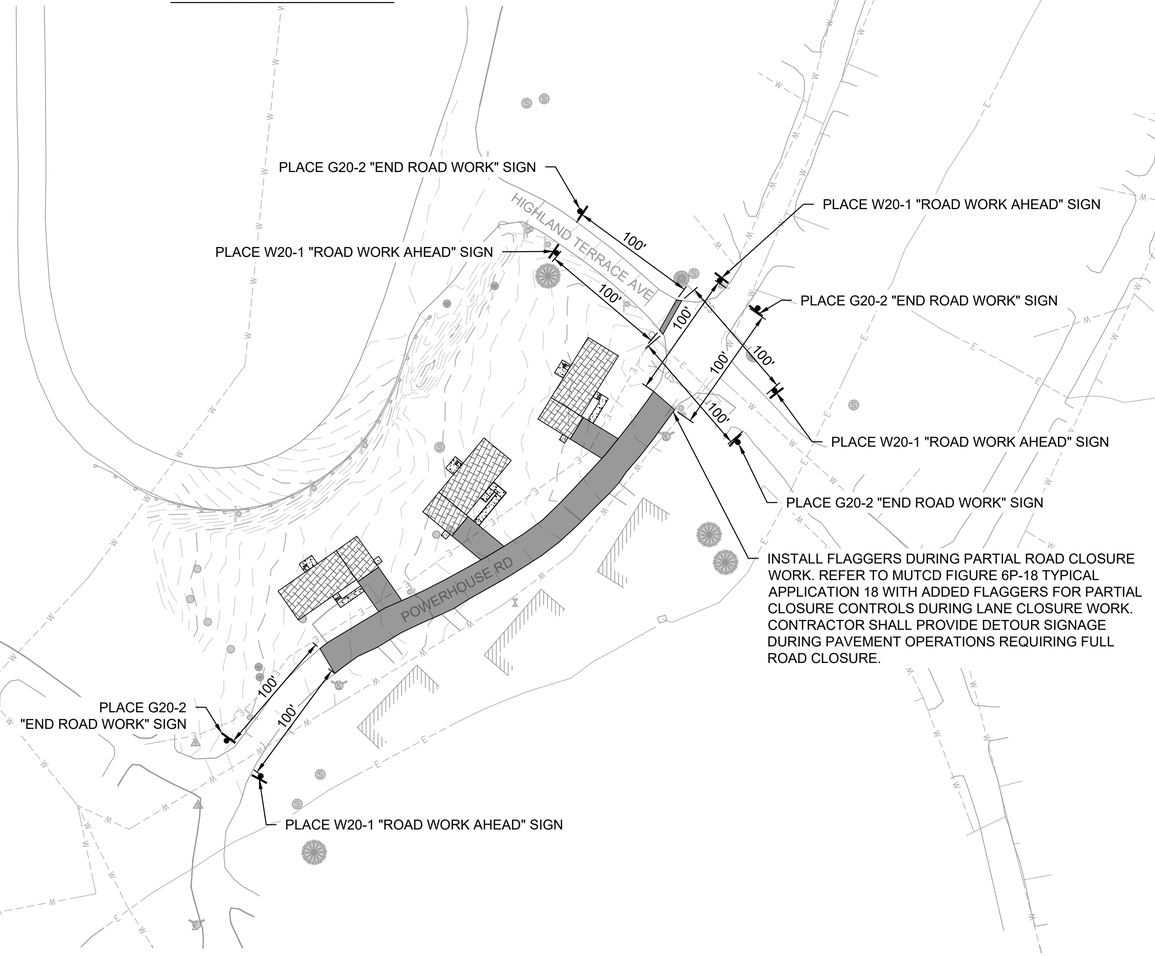
A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C2.13	TITLE OF SHEET CANYON VILLAGE DEMOLITION BMPS & STAGING YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 11 OF 94

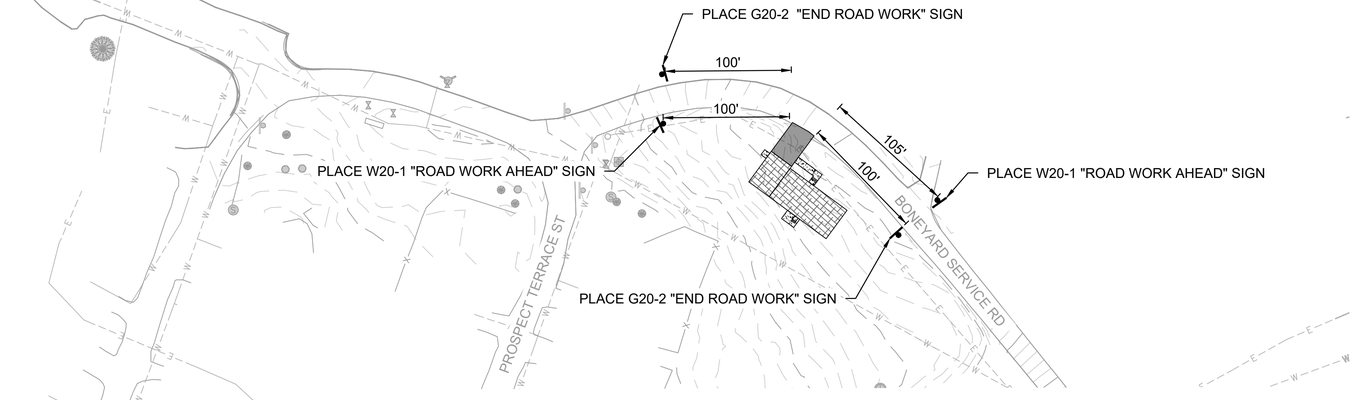
PLOT DATE: 6/18/2026 9:12 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\CANYONIC2.12_CANYON_DEMO.DWG





TEMPORARY BARRICADE DETAIL





NOTES:
1. TRAFFIC CONTROL SHOWN IS FOR REFERENCE ONLY. TEMPORARY TRAFFIC CONTROL TO FOLLOW CHAPTER 6A OF THE CURRENT MUTCD. A TRAFFIC CONTROL PLAN APPROVED BY THE CONTRACTING OFFICER IS REQUIRED PRIOR TO WORK.

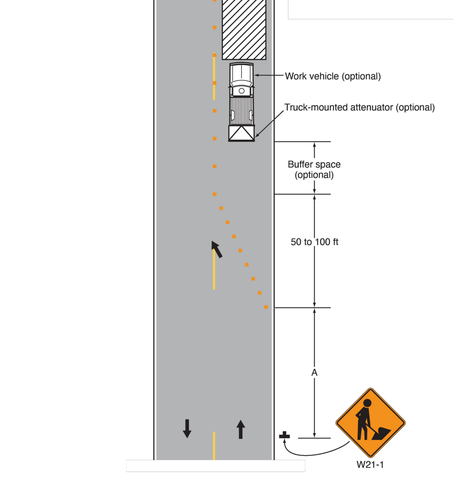
GENERAL NOTES FOR PLACEMENT AND USAGE OF CONSTRUCTION TRAFFIC CONTROL DEVICES

1. WORK ACTIVITY ON OR ADJACENT TO THE TRAVELED WAY THAT MAY AFFECT THE TRAVELING PUBLIC OR WORKERS SHALL NOT COMMENCE UNTIL ALL NECESSARY CONSTRUCTION TRAFFIC CONTROL DEVICES ARE IN PLACE AND APPROVED THE CONTRACTING OFFICER. (CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL INCLUDE SIGNS, BARRICADES, CHANNELIZING DEVICES, STRIPING, ETC.)
2. ALL SIGNS SHALL BE STAND-MOUNTED AND KEPT CLEAN, LEGIBLE, AND MAINTAIN REFLECTIVITY.
3. FLASHERS SHALL BE INSTALLED AND IN WORKING ORDER ON ALL BARRELS.
4. ONLY 500-FT OF ROADWAY SHALL BE CLOSED AT ANY ONE TIME UNLESS APPROVED BY THE CONTRACTING OFFICER.
5. ALL CONSTRUCTION SITES SHALL BE CHECKED PERIODICALLY, DAY AND NIGHT, TO ENSURE ADEQUATE TRAFFIC CONTROL.
6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICE SPACING SHOWN IS APPROXIMATE AND SHALL BE ADJUSTED TO FIT FIELD CONDITIONS. ROADWAY CONDITIONS, OBSTACLES, GEOMETRICS, AND PERMANENT SIGNING SHALL BE CONSIDERED IN PLACEMENT OF CONSTRUCTION SIGNS, AND//OR FLAGGERS, TO PROVIDE MAXIMUM VISIBILITY OF WARNING DEVICES TO ONCOMING MOTORISTS.
7. ADDITIONAL CONSTRUCTION TRAFFIC CONTROL DEVICES MAY BE ADDED AS CONDITIONS WARRANT.
8. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES REQUIRED FOR THE CONSTRUCTION PROJECT SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. REPLACEMENT DEVICES SHALL BE AVAILABLE AS REQUIRED. DEVICES SHALL BE MAINTAINED IN A STATE OF GOOD REPAIR BY THE CONTRACTOR.
9. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES REQUIRED, INCLUDING ALL POSTS AND SIGNS, SHALL COMPLY WITH ALL REQUIREMENTS OF THE CURRENT EDITION OF THE MUTCD.
10. EXISTING TRAFFIC CONTROL DEVICES CONFLICTING WITH THESE TRAFFIC CONTROL PLANS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE CONTRACTING OFFICER AND RETURNED TO THEIR PREVIOUS LOCATIONS AS NEEDED.
11. CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL BE REMOVED OR COVERED WHEN NOT NEEDED.
12. PORTABLE SIGN SUPPORTS AND BARRICADES TURNED AWAY FROM THE ROADWAY AND NOT REMOVED AT LEAST 30-FEET FROM THE EDGE OF THE TRAVELED WAY SHALL HAVE A TYPE II OBJECT MARKER VISIBLE TO ALL APPROACHING TRAFFIC.
13. WHEN CONSTRUCTION CEASES DURING THE WINTER, ANY CONSTRUCTION TRAFFIC CONTROL DEVICES, INCLUDING POSTS UNNEEDED AT THIS TIME, SHALL BE REMOVED. REQUIRED DEVICES SHALL BE MAINTAINED THROUGHOUT THE WINTER.
14. ALL CONSTRUCTION MATERIALS AND EQUIPMENT SHALL BE STORED IN AREAS AS FAR FROM THE USABLE TRAVELED WAY AS POSSIBLE (30-FEET MINIMUM).
15. ADDITIONAL WARNING LIGHTS MAY BE REQUIRED ON CONSTRUCTION TRAFFIC CONTROL DEVICES FOR ADDITIONAL EMPHASIS AT NIGHT. ONLY STEADY BURN WARNING LIGHTS SHALL BE USED ON TAPERS. DRUMS WITH ARROWS SHALL BE USED ON TAPERS, AND DRUMS WITHOUT ARROWS SHALL BE USED ON TANGENTS. SIGNS AND CHANNELIZING DEVICES SHALL BE REFLECTORIZED WHEN USED AT NIGHT.
16. ADDITIONAL FLAGGERS MAY BE UTILIZED AT THE DISCRETION OF THE CONTRACTOR. ADDITIONAL WARNING SIGNS FOR THE FLAGGERS SHALL THEN BE INSTALLED. LIGHTING SHALL BE PROVIDED IF FLAGGERS ARE UTILIZED DURING HOURS OF DARKNESS.
17. ALL DRUMS USED FOR TEMPORARY TRAFFIC CONTROL SHALL BE PLASTIC AND MEET ALL RRQUIREMENTS OF THE CURRENT EDITION OF THE MUTCD.
18. THE CONTRACTING OFFICER RESERVES THE RIGHT TO ADD, DELETE OR MODIFY ANY CONSTRUCTION TRAFFIC CONTROL DEVICE OR SET-UPS AS REQUIRED TO COMPLY WITH THE MUTCD AND TO PROVIDE FOR THE SAFETY OF TRAVELING MOTORISTS AND PEDESTRIANS.
19. ANY ADDITIONS OR MODIFICATIONS TO TRAFFIC CONTROL WILL BE CONSIDERED SUBSIDIARY TO THE BID ITEM.



W20-1 G20-2

Figure 6P-18. Lane Closure on a Minor Street (TA-18)



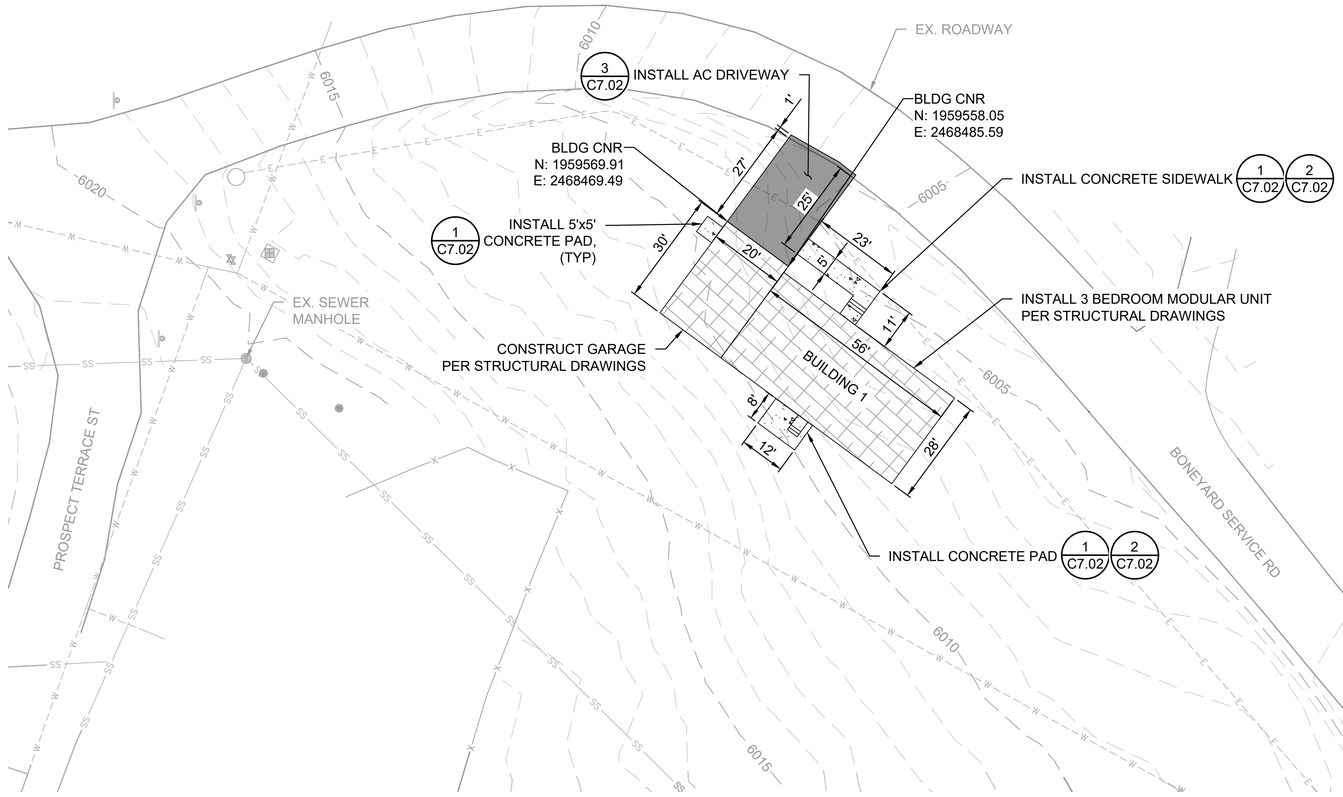
Typical Application 18

60 0 60 120
SCALE OF FEET

Professional Engineer
JESSE CARLSON
20110
WYOMING
Date 6/26/26

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	SUB SHEET NO. C2.21	TITLE OF SHEET MAMMOTH TRAFFIC CONTROL PLAN YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 12 OF 94

PLOT DATE: 6/26/2026 11:24 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTH_TCP.DWG

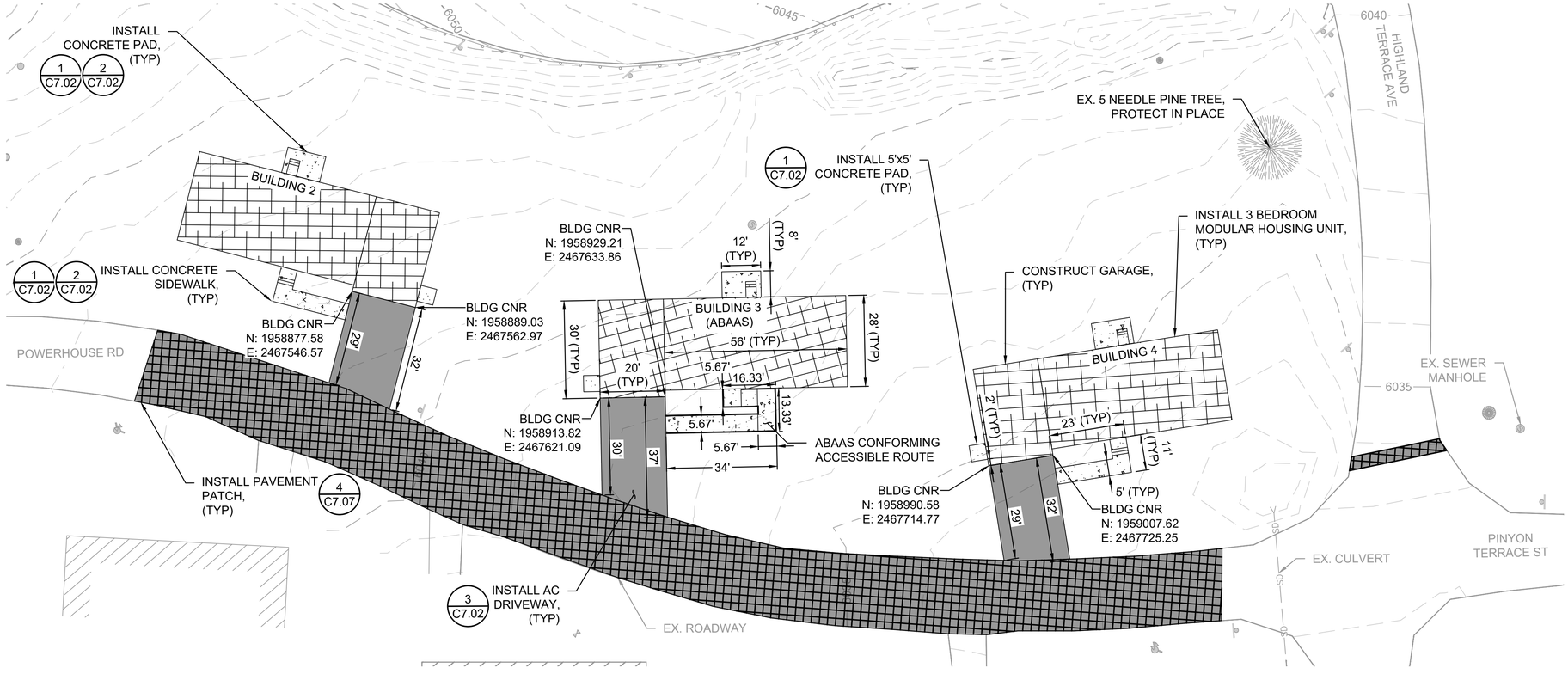


20 0 20 40
SCALE OF FEET

Professional Engineer
JESSE CARLSON
20110
Date 6/26/26
WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	SUB SHEET NO. C3.01	TITLE OF SHEET MAMMOTH PLAN SHEET 1 OF 2 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 13 OF 94

PLOT DATE: 6/26/2026 11:11 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTH\C3.01_MAMMOTH_PLAN_1.DWG

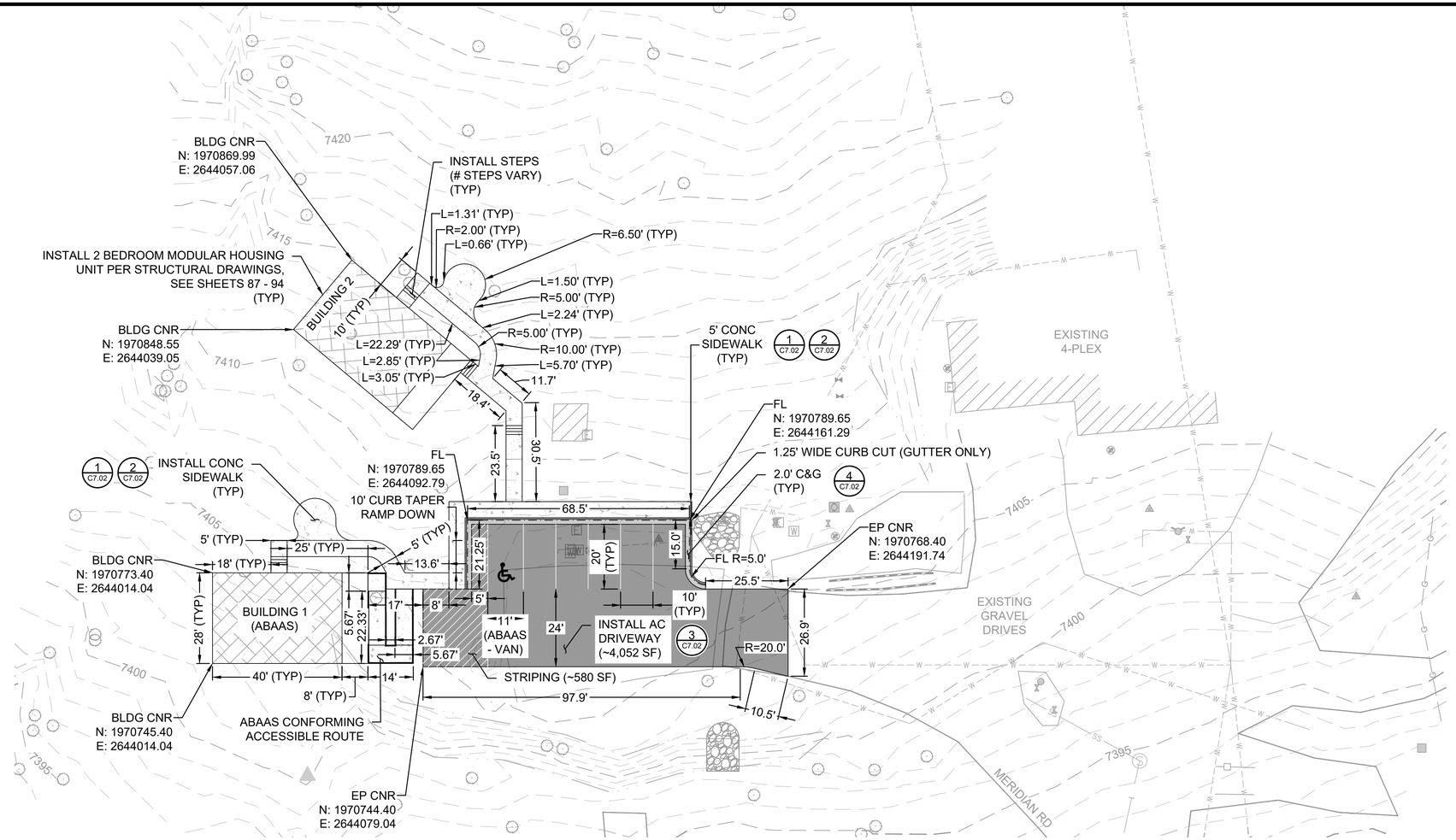


20 0 20 40
SCALE OF FEET

PLOT DATE: 6/18/2026 2:16 PM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTHIC3.02_MAMMOTH_PLAN_2.DWG

Professional Engineer JESSE CARLSON 20110 WYOMING Date 6/18/26

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C3.02	TITLE OF SHEET MAMMOTH PLAN SHEET 2 OF 2 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 14 OF 94



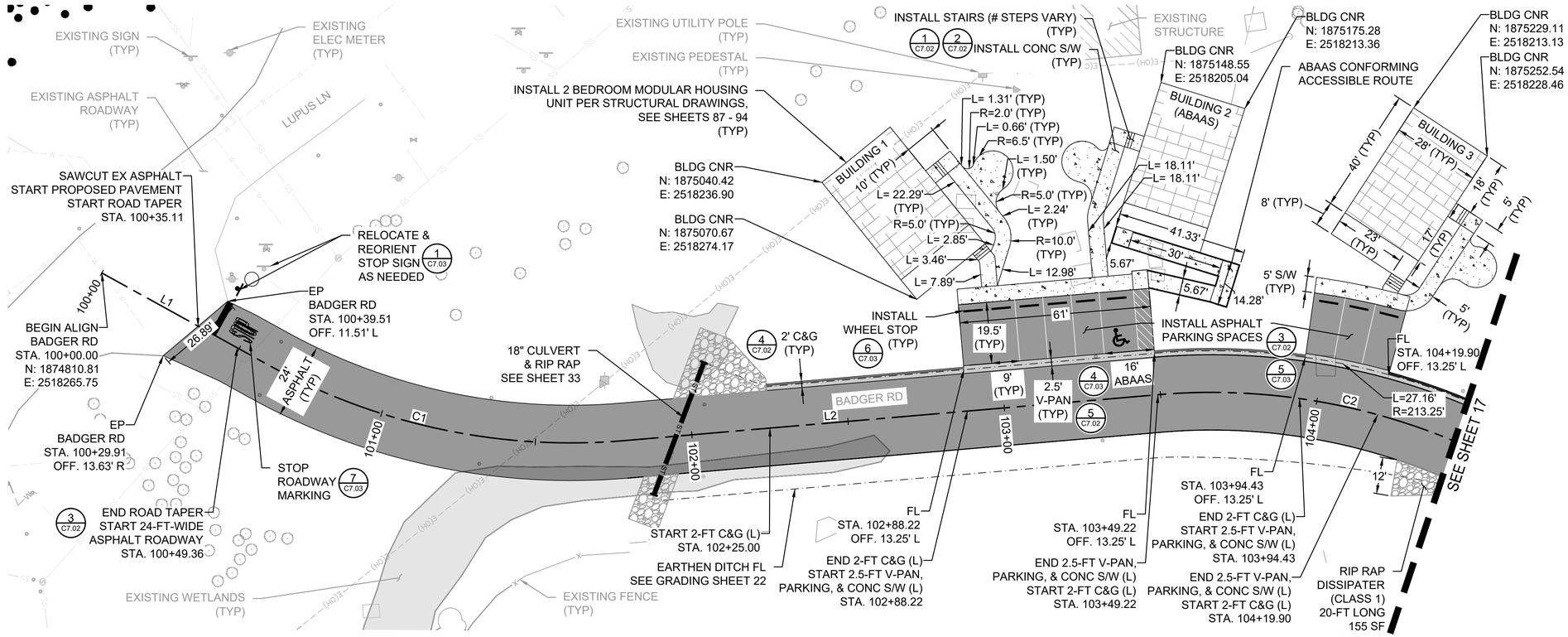
20 0 20 40
SCALE OF FEET

NOTES:
1. ABAAS SPACES SHALL CONFORM TO DETAILS 1 C7.03, 2 C7.03, 3 C7.03, 4 C7.03. STANDARD SPACES SHALL CONFORM TO DETAIL 5 C7.03.

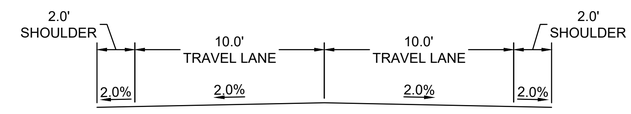
JESSE CARLSON
6/18/26
MONTANA
No. 105520PE
LICENSED
PROFESSIONAL ENGINEER

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C3.03	TITLE OF SHEET NE ENTRANCE PLAN YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 15 OF 94

PLOT DATE: 6/18/2026 2:16 PM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\C3.01_NE_PLAN.DWG



ALIGNMENT: BADGER RD						
NUMBER	LINE/CHORD LENGTH	RADIUS	LINE/CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)	START STA
L1	60.45		N28° 54' 45"E	(1874810.81, 2518265.75)	(1874863.73, 2518294.97)	100+00.00
C1	116.38	200.00	N11° 59' 51"E	(1874863.73, 2518294.97)	(1874977.57, 2518319.16)	100+60.45
L2	170.68		N4° 55' 02"W	(1874977.57, 2518319.16)	(1875147.62, 2518304.53)	101+78.54
C2	253.73	200.00	N34° 27' 08"E	(1875147.62, 2518304.53)	(1875356.84, 2518448.07)	103+49.22



ASPHALT ROADWAY - TYPICAL SECTION
(NOT TO SCALE)
SEE DETAIL 3/C7.02 FOR THICKNESS

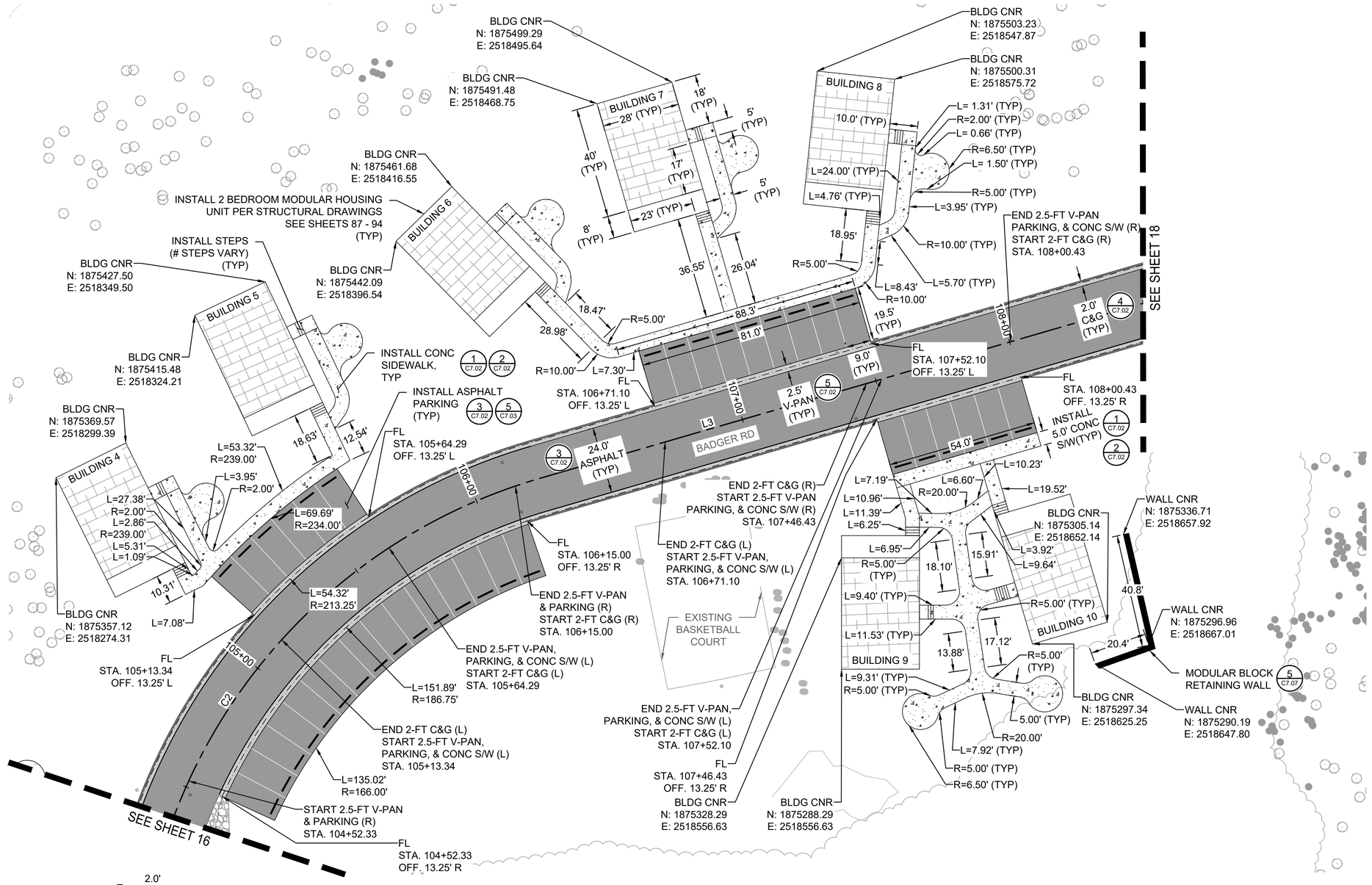
20 0 20 40
SCALE OF FEET

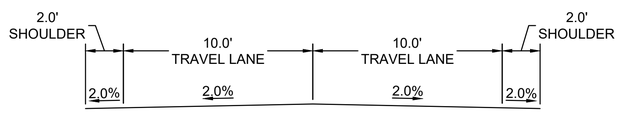
NOTES:
1 ABAAS SPACES SHALL CONFORM TO DETAILS 1 C7.03, 2 C7.03, 3 C7.03, 4 C7.03. STANDARD SPACES SHALL CONFORM TO DETAIL 5 C7.03.
2. SEE SHEET 30 FOR ROADWAY DESIGN PLAN AND PROFILE

Professional Engineer
JESSE CARLSON
20110
Date 6/18/26
WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C3.04	TITLE OF SHEET CANYON VILLAGE PLAN SHEET 1 OF 3 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 16 OF 94

PLOT DATE: 6/18/2026 9:13 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVILINE-CANYON\C3.02_CANYON_PLAN_1.DWG





ASPHALT ROADWAY - TYPICAL SECTION
(NOT TO SCALE)
SEE DETAIL 3/C7.02 FOR THICKNESS

ALIGNMENT: BADGER RD						
NUMBER	LINE/CHORD LENGTH	RADIUS	LINE/CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)	START STA
C2	253.73	200.00	N34° 27' 08"E	(1875147.62, 2518304.53)	(1875356.84, 2518448.07)	103+49.22
L3	239.44		N73° 49' 19"E	(1875356.84, 2518448.07)	(1875423.55, 2518678.03)	106+24.07

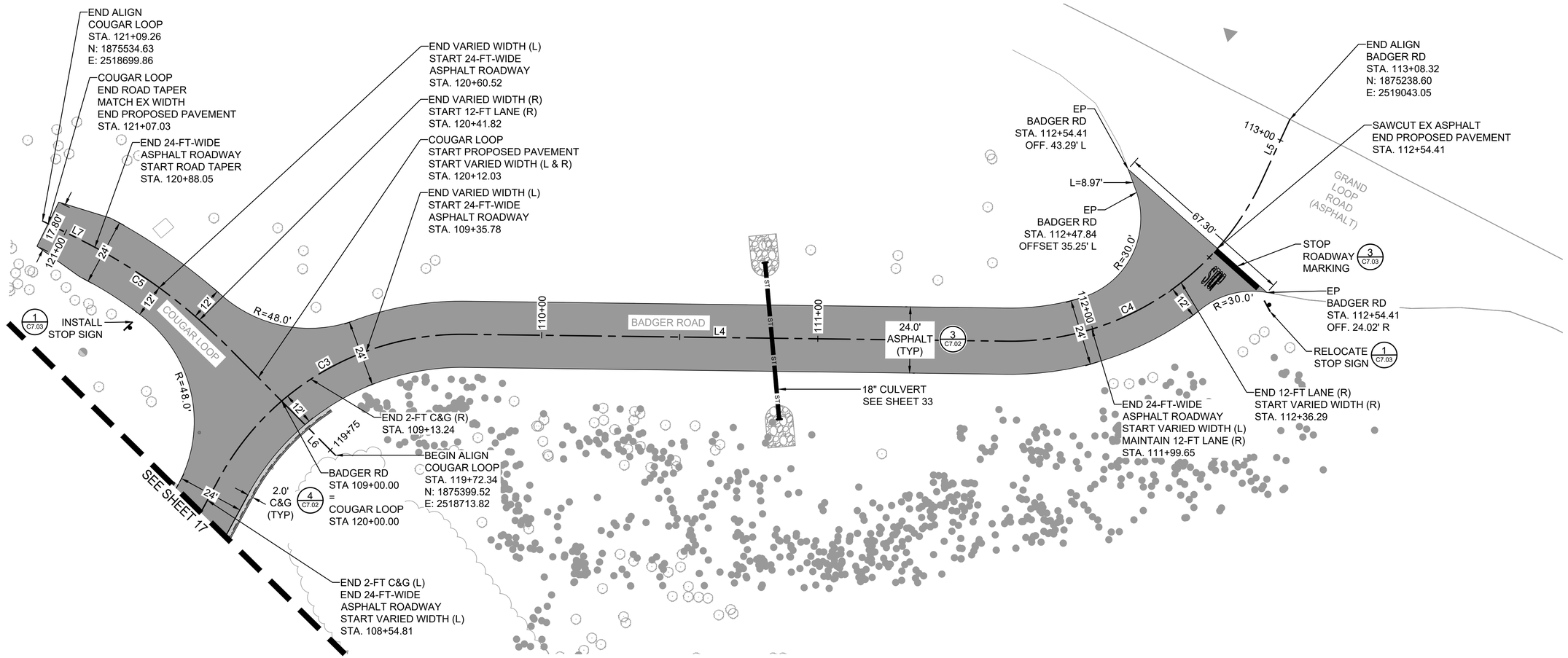
20 0 20 40
SCALE OF FEET

NOTES:
1 ABAAS SPACES SHALL CONFORM TO DETAILS 1 C7.03, 2 C7.03, 3 C7.03, 4 C7.03. STANDARD SPACES SHALL CONFORM TO DETAIL 5 C7.03.
2. SEE SHEET 30 FOR ROADWAY DESIGN PLAN AND PROFILE

Professional Engineer JESSE CARLSON 20110 WYOMING 6/18/26

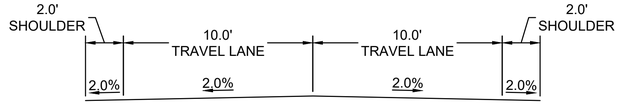
A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C3.05	TITLE OF SHEET CANYON VILLAGE PLAN SHEET 2 OF 3 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 17 OF 94

PLOT DATE: 6/18/2026 9:13 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVILINE-CIVILINE-CANYON\CANYONIC3.03_CANYON_PLAN_2.DWG



ALIGNMENT: BADGER RD						
NUMBER	LINE/CHORD LENGTH	RADIUS	LINE/CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)	START STA
C3	103.53	100.00	S75° 00' 07"E	(1875423.55, 2518678.03)	(1875396.76, 2518778.04)	108+63.51
L4	196.37		S43° 49' 34"E	(1875396.76, 2518778.04)	(1875255.09, 2518914.02)	109+72.33
C4	109.08	100.00	S76° 52' 38"E	(1875255.09, 2518914.02)	(1875230.33, 2519020.25)	111+68.70
L5	24.26		N70° 04' 18"E	(1875230.33, 2519020.25)	(1875238.60, 2519043.05)	112+84.07

ALIGNMENT: COUGAR LOOP						
NUMBER	LINE/CHORD LENGTH	RADIUS	LINE/CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)	START STA
L6	56.31		N0° 39' 46"E	(1875399.52, 2518713.82)	(1875455.83, 2518714.47)	119+72.34
C5	65.63	200.00	N8° 46' 49"W	(1875455.83, 2518714.47)	(1875520.68, 2518704.45)	120+28.65
L7	14.68		N18° 13' 23"W	(1875520.68, 2518704.45)	(1875534.63, 2518699.86)	120+94.58



ASPHALT ROADWAY - TYPICAL SECTION
(NOT TO SCALE)
SEE DETAIL 3/C7.02 FOR THICKNESS

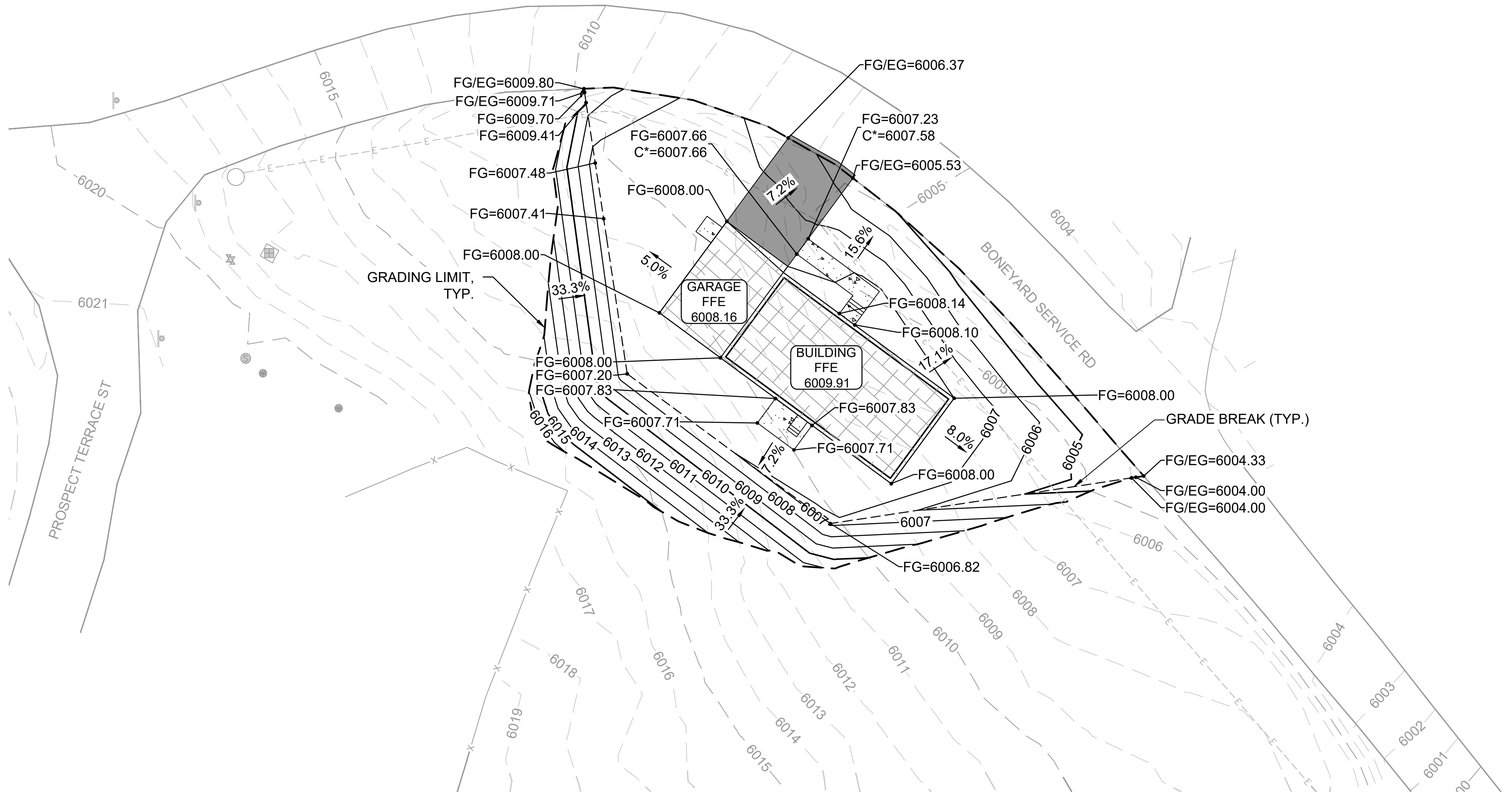
20 0 20 40
SCALE OF FEET

NOTES:
1 SEE SHEET 31 FOR ROADWAY DESIGN PLAN AND PROFILE.

Professional Engineer
JESSE CARLSON
20110
6/18/26
WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C3.06	TITLE OF SHEET CANYON VILLAGE PLAN SHEET 3 OF 3 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 18 OF 94

PLOT DATE: 6/18/2026 9:13 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\CANYONIC3.04_CANYON_PLAN_3.DWG



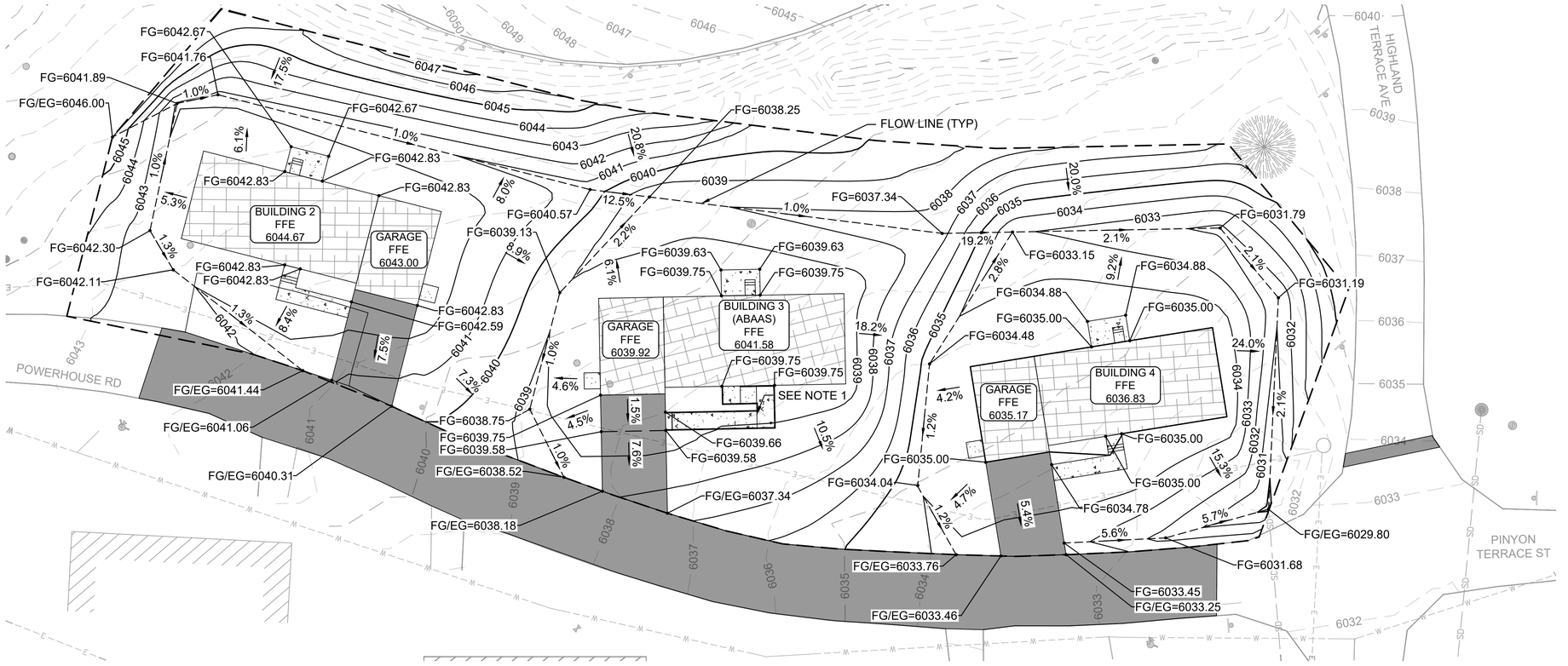
NOTES:
1. HANDRAILS REQUIRED ON ALL STAIRCASES HAVING 4 RISERS (PLATFORM TO PLATFORM) OR A TOTAL RISE OF 30-INCHES. HANDRAILS SHALL CONFORM TO DETAIL 6/C7.02.
2. C* = FINISHED GRADE OF CONCRETE SURFACE.

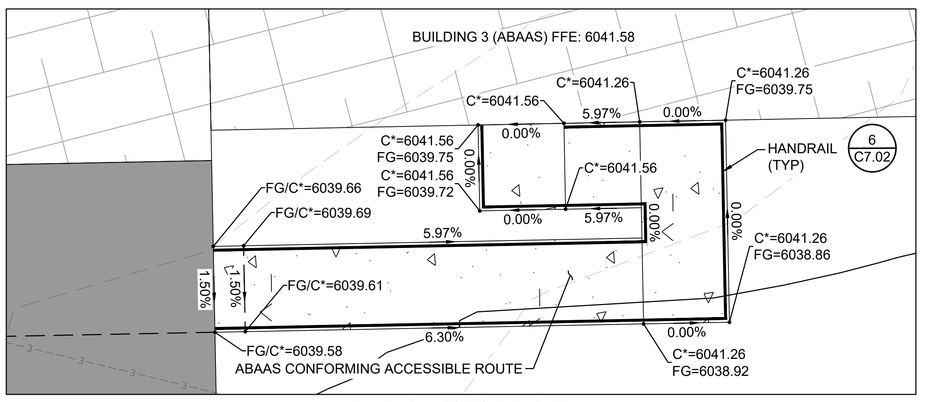
20 0 20 40
SCALE OF FEET

Professional Engineer
JESSE CARLSON
20110
WYOMING
Date 6/26/26

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	SUB SHEET NO. C4.01	TITLE OF SHEET MAMMOTH GRADING SHEET 1 OF 2 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 19 OF 94

PLOT DATE: 6/26/2026 11:36 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTHC4.01_MAMMOTH_GRADING_1.DWG





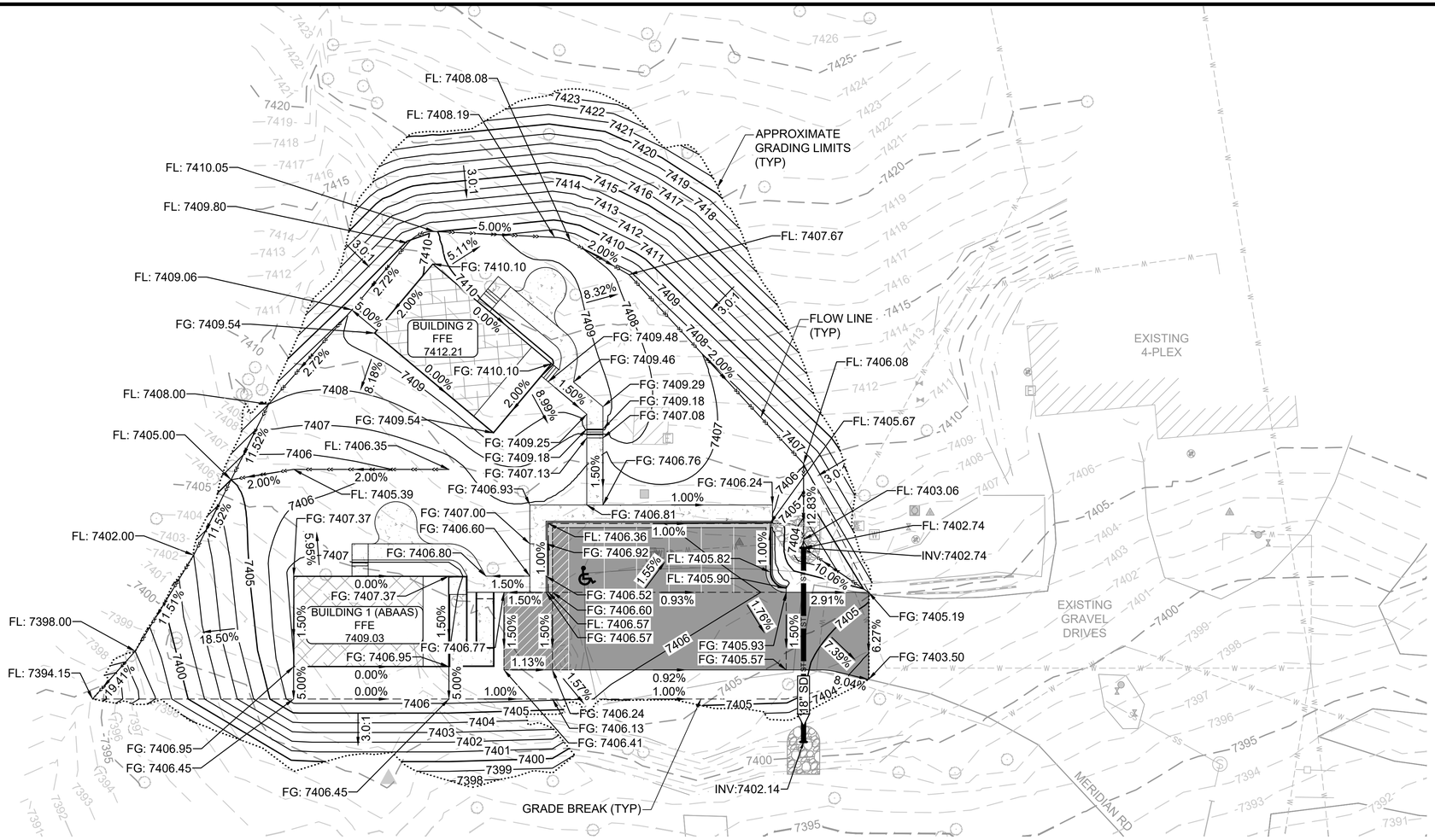
BUILDING 3 ACCESSIBLE ROUTE

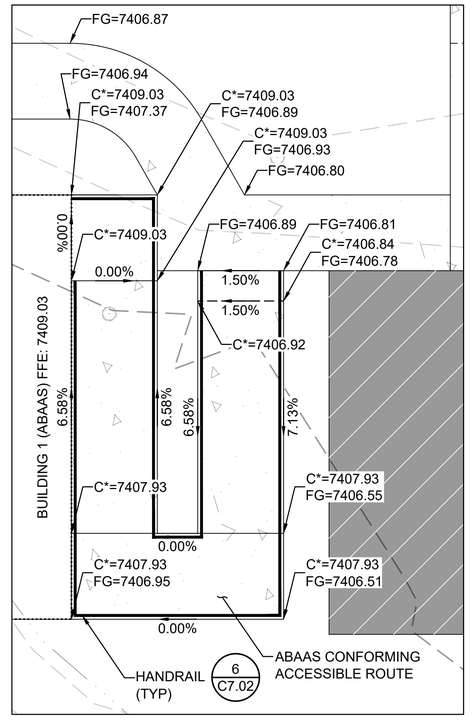
NOTES:
1. SEE INSET FOR BUILDING 3 ACCESSIBLE ROUTE. C* = FINISHED GRADE OF CONCRETE SURFACE
2. HANDRAILS REQUIRED ON ALL STAIRCASES HAVING 4 RISERS (PLATFORM TO PLATFORM) OR A TOTAL RISE OF 30-INCHES. HANDRAILS SHALL CONFORM TO DETAIL 6/C7.02.

Professional Engineer
JESSE CARLSON
20110
Date 6/18/26
WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C4.02	TITLE OF SHEET MAMMOTH GRADING SHEET 2 OF 2 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 20 OF 94

PLOT DATE: 6/18/2026 2:17 PM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTH\C4.02_MAMMOTH_GRADING_2.DWG





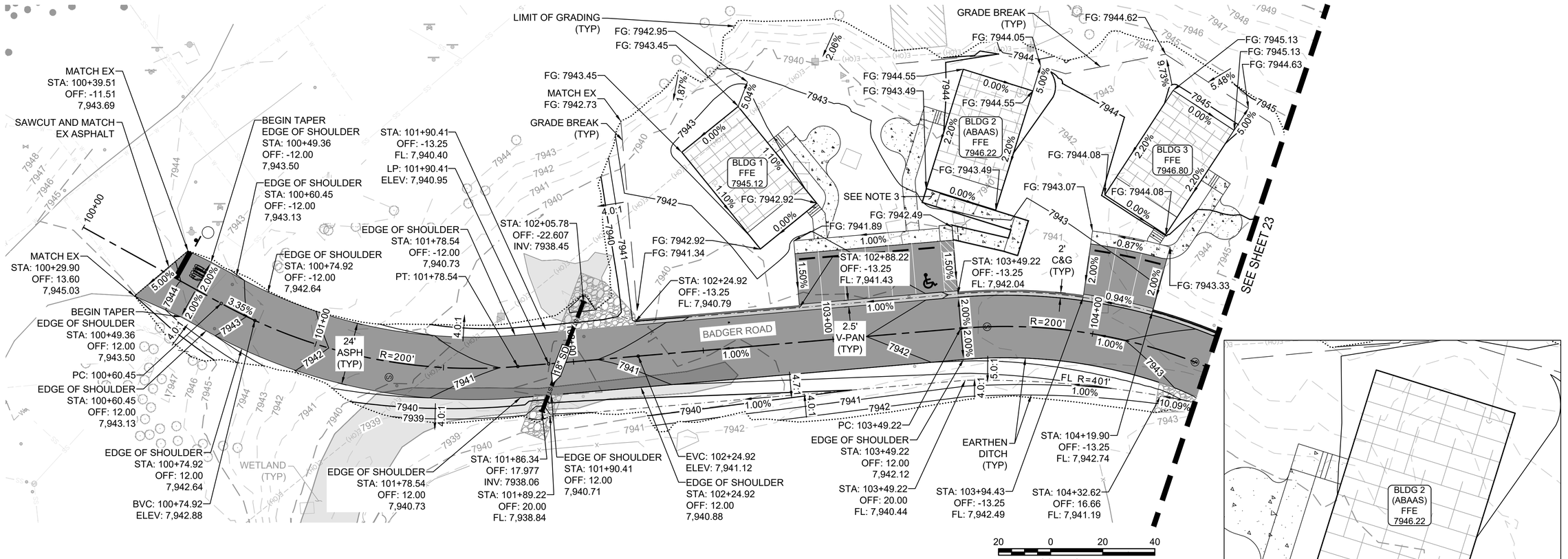
NOTES:
1. SEE INSET FOR BUILDING 1 ACCESSIBLE ROUTE. C* = FINISHED SURFACE OF CONCRETE ON ACCESSIBLE ROUTE.
2. HANDRAILS REQUIRED ON ALL STAIRCASES HAVING 4 RISERS (PLATFORM TO PLATFORM) OR A TOTAL RISE OF 30-INCHES. HANDRAILS SHALL CONFORM TO DETAIL 6/C7.02.

MONTANA 6/18/26 JESSE CARLSON No. 105520PE LICENSED PROFESSIONAL ENGINEER

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C4.03	TITLE OF SHEET NE ENTRANCE GRADING YELLOWSTONE NATIONAL PARK

DRAWING NO. 101 198433
PMIS / PKG NO. 326141
SHEET 21 OF 94

PLOT DATE: 6/18/2026 9:14 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVILINE-CANYONIC4.01_NE_GRADING.DWG



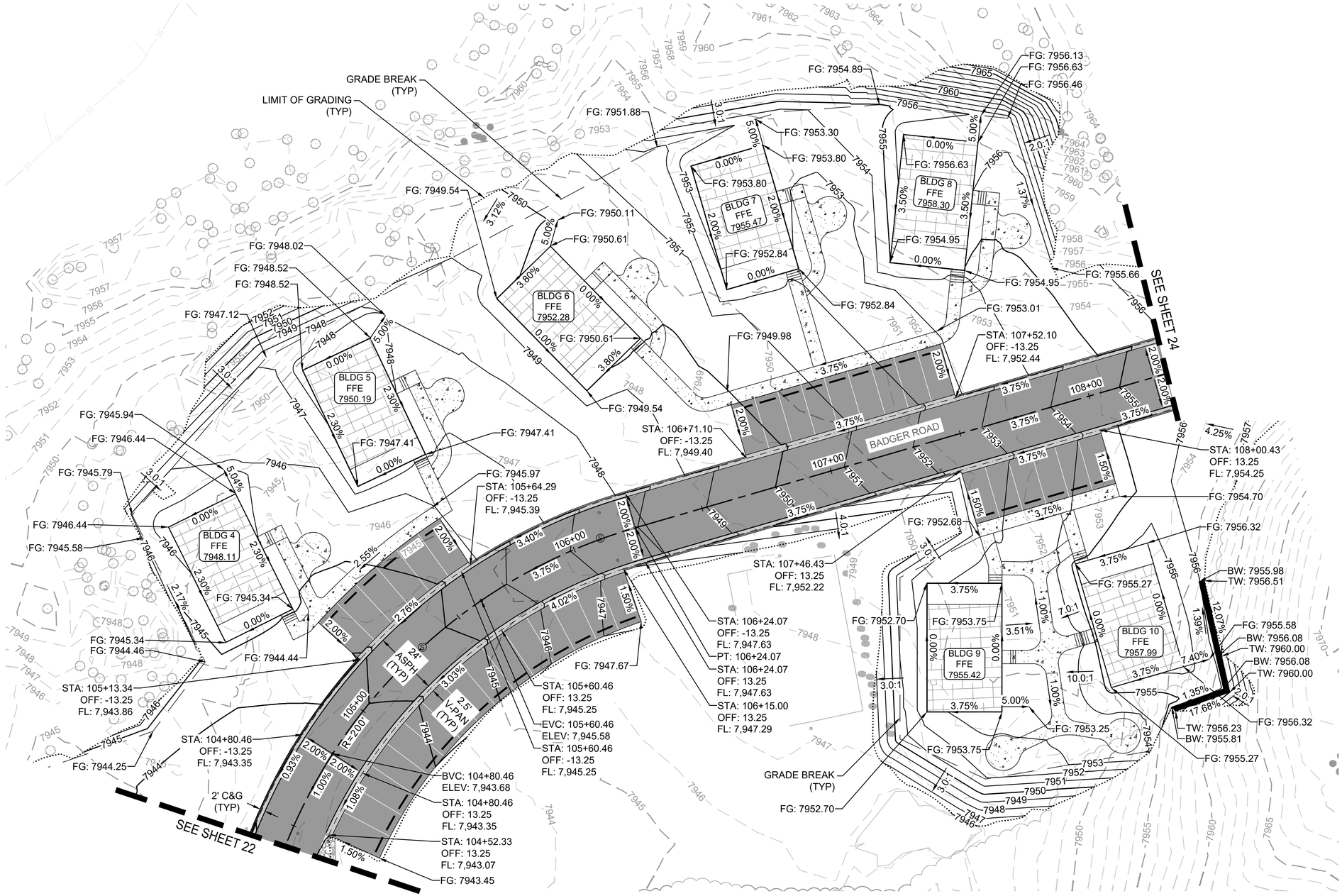
NOTES:

1. SEE SHEET 29 FOR ROADWAY DESIGN PLAN AND PROFILE
2. SEE SHEET 33 FOR 18" CULVERT PLAN AND PROFILE.
3. SEE INSET FOR BUILDING 2 ACCESSIBLE ROUTE. C* = FINISHED GRADE OF CONCRETE SURFACE.
4. HANDRAILS REQUIRED ON ALL STAIRCASES HAVING 4 RISERS (PLATFORM TO PLATFORM) OR A TOTAL RISE OF 30-INCHES. HANDRAILS SHALL CONFORM TO DETAIL 6/C7.02.4.

Professional Engineer
JESSE CARLSON
20110
Date 6/18/26
WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C4.04	TITLE OF SHEET CANYON VILLAGE GRADING SHEET 1 OF 3 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 22 OF 94

PLOT DATE: 6/18/2026 9:14 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVILINE-CANYONIC4.03_CANYON_GRADING_1.DWG



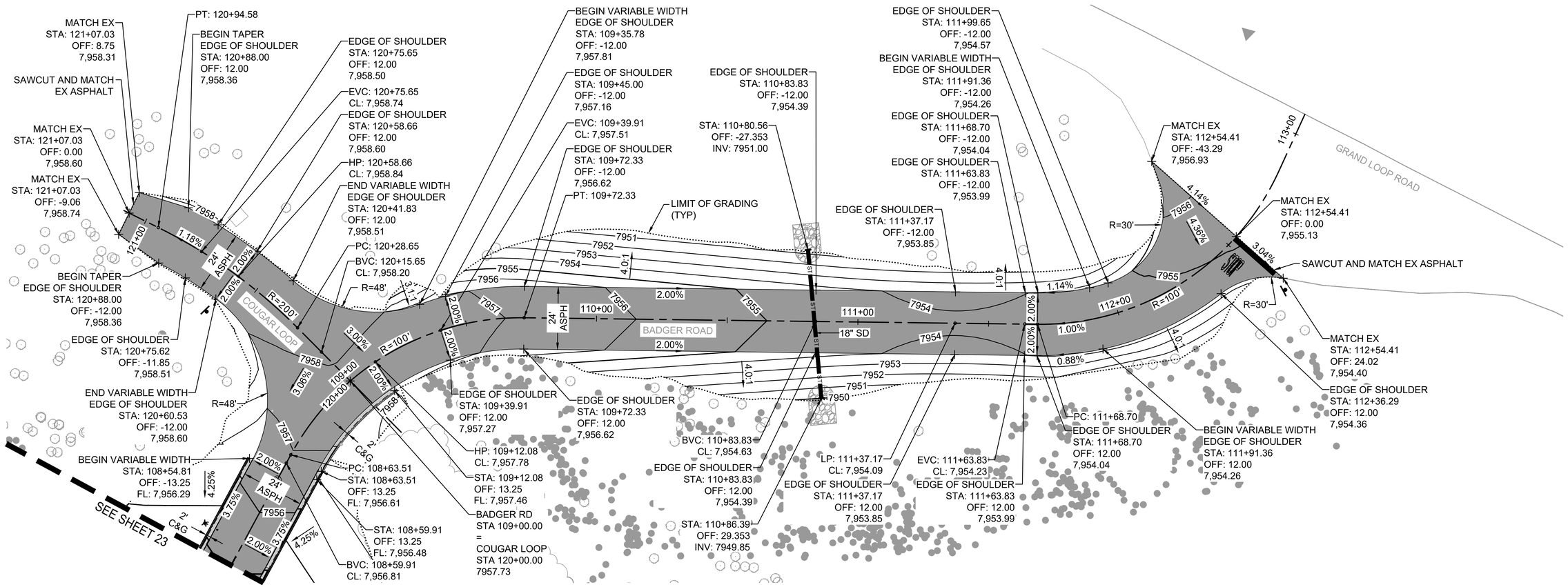
20 0 20 40
SCALE OF FEET

NOTES:
1. SEE SHEET 30 FOR ROADWAY DESIGN PLAN AND PROFILE
2. HANDRAILS REQUIRED ON ALL STAIRCASES HAVING 4 RISERS (PLATFORM TO PLATFORM) OR A TOTAL RISE OF 30-INCHES. HANDRAILS SHALL CONFORM TO DETAIL 6/C7.02.

Professional Engineer
JESSE CARLSON
20110
WYOMING
Date 06/18/26

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C4.05	TITLE OF SHEET CANYON VILLAGE GRADING SHEET 2 OF 3 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 23 OF 94

PLOT DATE: 6/18/2026 9:14 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELLDD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\CIVILINE-CANYONIC4.04_CANYON_GRADING_2.DWG



NOTES:

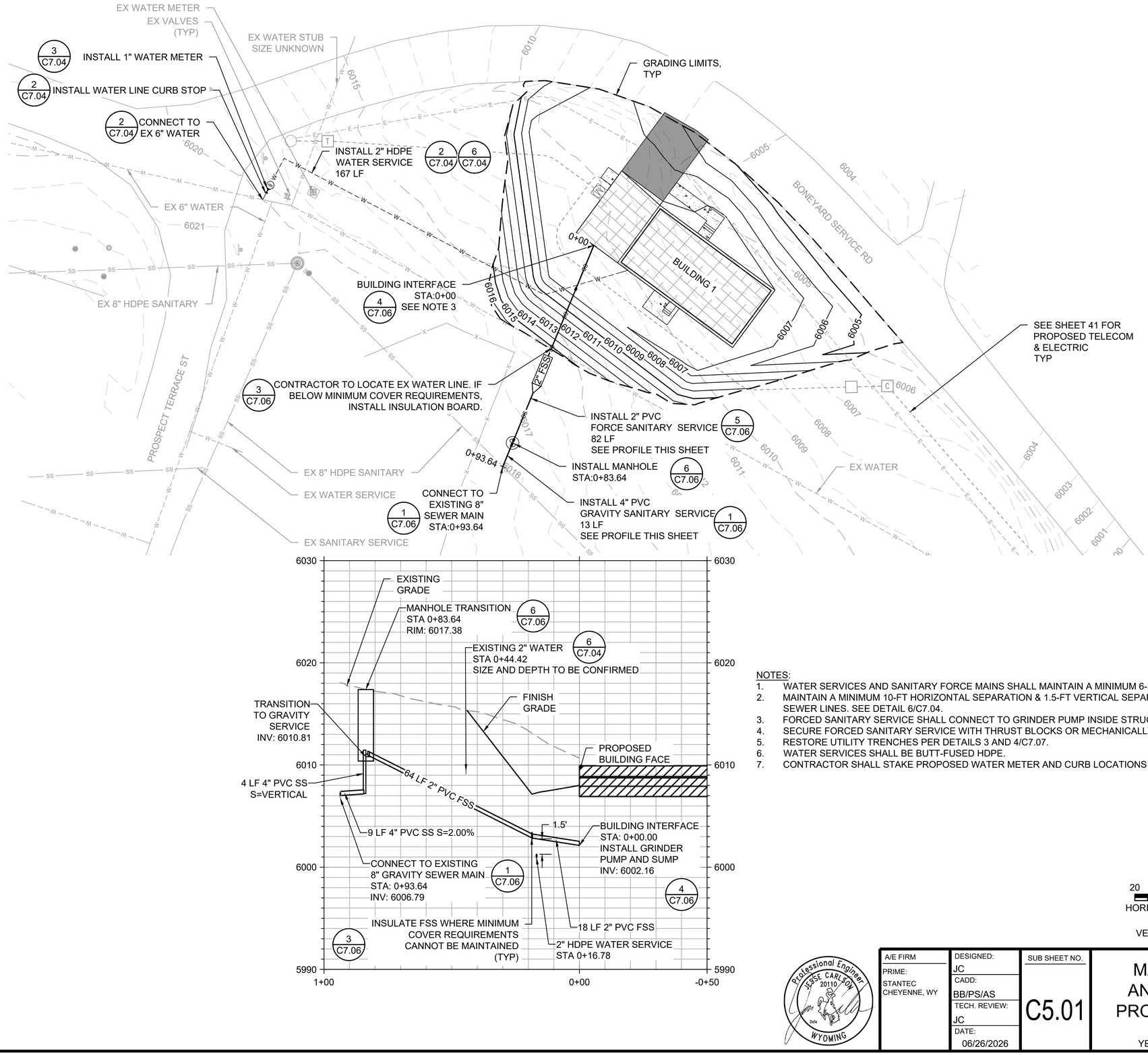
1. SEE SHEET 31 FOR ROADWAY DESIGN PLAN AND PROFILE
2. SEE SHEET 33 FOR 18" CULVERT PLAN AND PROFILE.
3. HANDRAILS REQUIRED ON ALL STAIRCASES HAVING 4 RISERS (PLATFORM TO PLATFORM) OR A TOTAL RISE OF 30-INCHES. HANDRAILS SHALL CONFORM TO DETAIL 6/C7.02.

20 0 20 40
SCALE OF FEET

Professional Engineer
JESSE CARLSON
20110
Date 6/18/26
WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C4.06	TITLE OF SHEET CANYON VILLAGE GRADING SHEET 3 OF 3 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 24 OF 94

PLOT DATE: 6/18/2026 9:15 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVILINE-CANYON\CANYONIC4.05_CANYON_GRADING_3.DWG



NOTES:

1. WATER SERVICES AND SANITARY FORCE MAINS SHALL MAINTAIN A MINIMUM 6-FEET OF COVER.
2. MAINTAIN A MINIMUM 10-FT HORIZONTAL SEPARATION & 1.5-FT VERTICAL SEPARATION BETWEEN POTABLE WATER AND SANITARY SEWER LINES. SEE DETAIL 6/C7.04.
3. FORCED SANITARY SERVICE SHALL CONNECT TO GRINDER PUMP INSIDE STRUCTURE. SEE PLUMBING PLANS.
4. SECURE FORCED SANITARY SERVICE WITH THRUST BLOCKS OR MECHANICALLY. SEE DETAILS 1, 2, AND 3/C7.05.
5. RESTORE UTILITY TRENCHES PER DETAILS 3 AND 4/C7.07.
6. WATER SERVICES SHALL BE BUTT-FUSED HDPE.
7. CONTRACTOR SHALL STAKE PROPOSED WATER METER AND CURB LOCATIONS FOR APPROVAL BY THE CONTRACTING OFFICER.

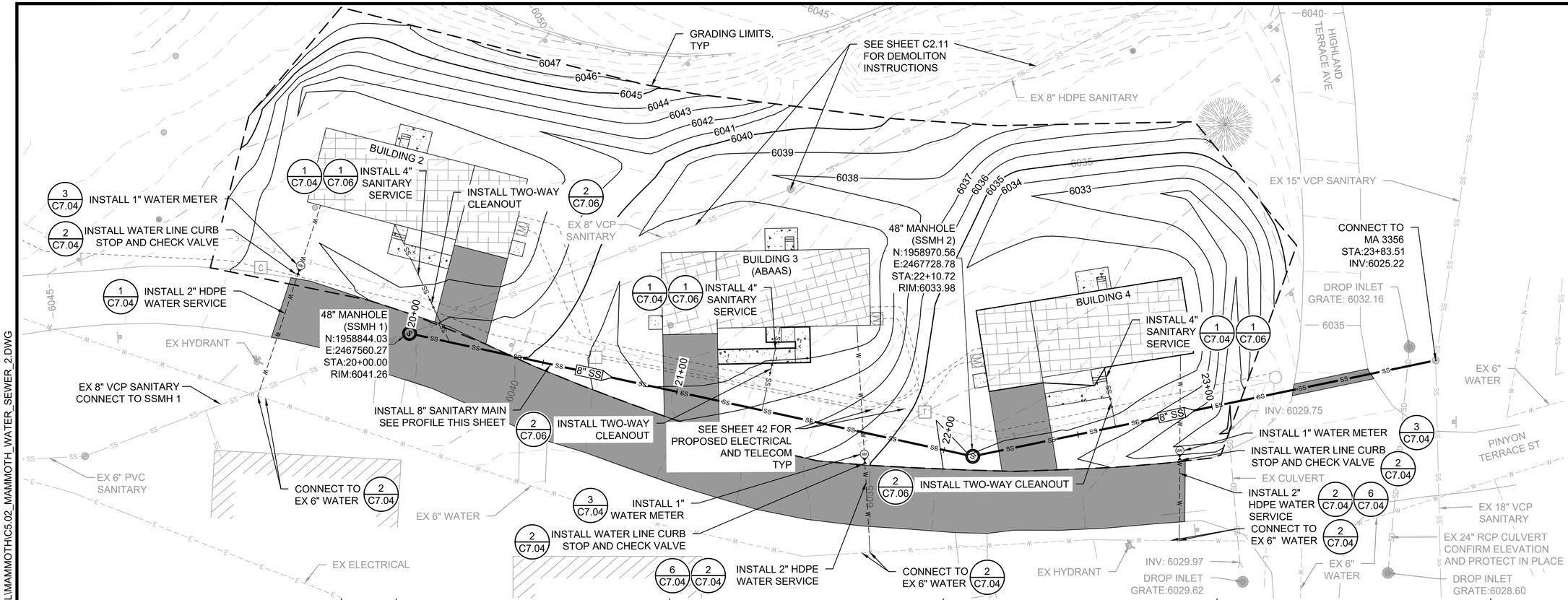
20 0 20 40
HORIZONTAL SCALE OF FEET" 1" = 20'

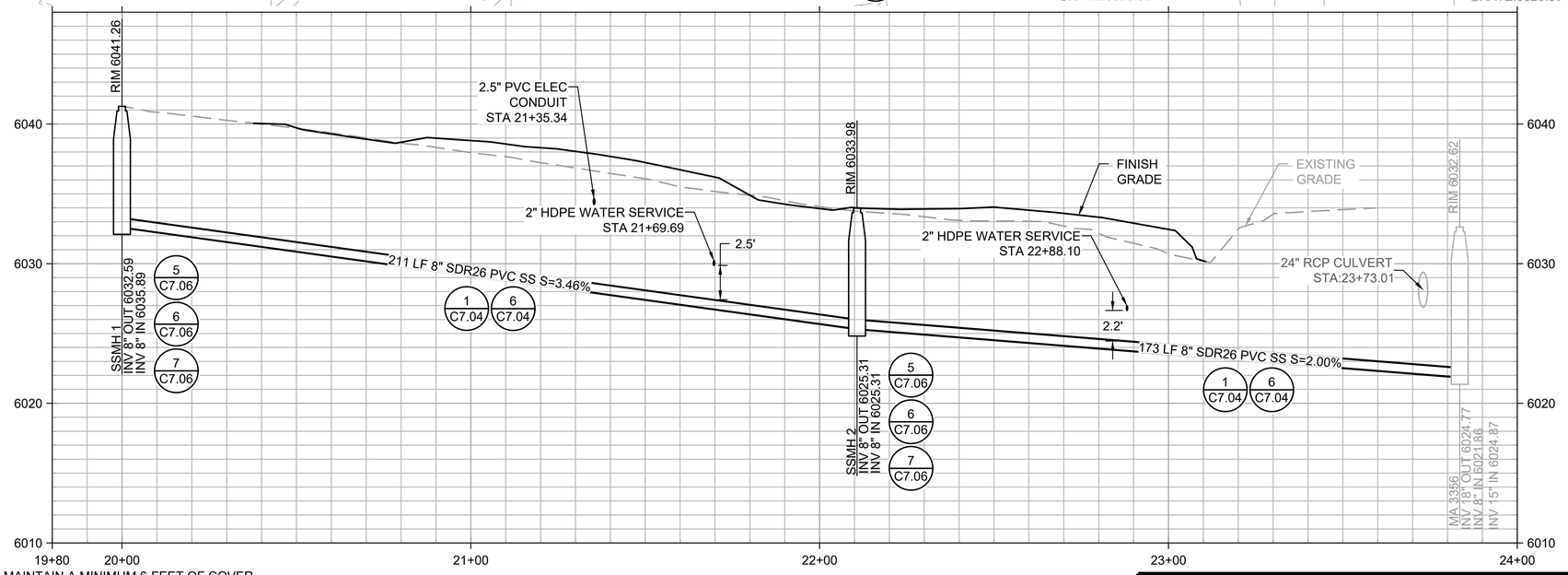
VERTICAL SCALE OF FEET: 1" = 5'

Professional Engineer JESSE CARLSON 20110 Date WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	SUB SHEET NO. C5.01	TITLE OF SHEET MAMMOTH WATER AND SEWER PLAN & PROFILE SHEET 1 OF 2 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 25 OF 94

PLOT DATE: 7/22/2026 1:25 PM USER: SOUTHWORTH, PAUL
C:\USERS\PSOUTHWORTH\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTHIC5.01_MAMMOTH_WATER_SEWER_1.DWG





NOTES:
1. WATER LINES AND SANITARY FORCE MAINS SHALL MAINTAIN A MINIMUM 6-FEET OF COVER.
2. MAINTAIN A MINIMUM 10-FT HORIZONTAL SEPARATION & 1.5-FT VERTICAL SEPARATION BETWEEN POTABLE WATER AND SANITARY SEWER LINES. SEE DETAIL 6/C7.04.
3. SANITARY SERVICES SHALL BE SDR26 PVC AND SHALL BE LAID AT A MINIMUM SLOPE OF 2%.
4. WATER SERVICES SHALL BE BUTT-FUSED HDPE.
5. RESTORE UTILITY TRENCHES PER DETAILS 3 AND 4/C7.07.
6. CONTRACTOR SHALL STAKE PROPOSED WATER METER AND CURB LOCATIONS FOR APPROVAL BY THE CONTRACTING OFFICER.
7. CONNECTION TO EXISTING SANITARY MANHOLE (MA 3356) SHALL BE MADE BY CORING INTO EXISTING STRUCTURE AND INSTALLING A FLEXIBLE BOOT CONNECTOR WITH STAINLESS STEEL PIPE CLAMPS. MA 3356 WILL BE SUBJECT TO THE SAME LEAK TESTING AND ACCEPTANCE REQUIREMENTS AS NEW MANHOLES.

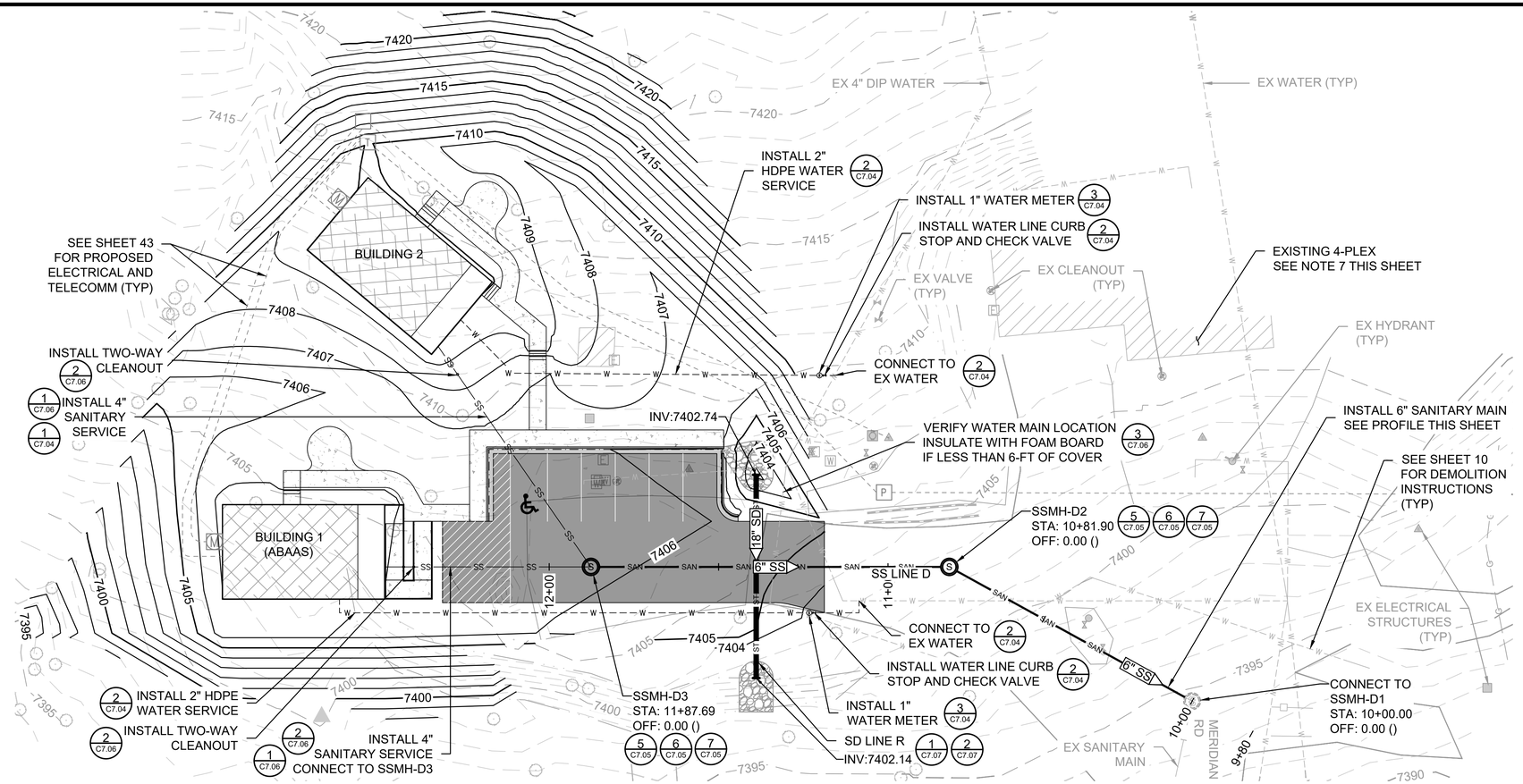
Professional Engineer JESSE CARLSON 20110 Date WYOMING

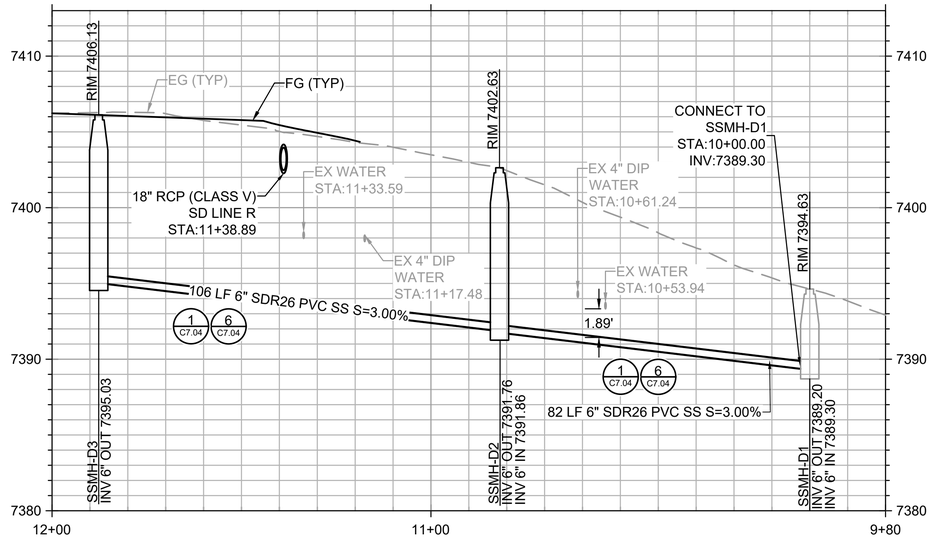
20 0 20 40
HORIZONTAL SCALE OF FEET" 1" = 20'

VERTICAL SCALE OF FEET: 1" = 5'

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	SUB SHEET NO. C5.02	TITLE OF SHEET MAMMOTH WATER AND SEWER PLAN & PROFILE SHEET 2 OF 2 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 26 OF 94

PLOT DATE: 7/21/2026 2:42 PM USER: SOUTHWORTH, PAUL
C:\USERS\PSOUTHWORTH\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTHC5.02_MAMMOTH_WATER_SEWER_2.DWG





NOTES:

1. MAINTAIN A MINIMUM 10-FT HORIZONTAL SEPARATION & 1.5-FT VERTICAL SEPARATION BETWEEN POTABLE WATER AND SANITARY SEWER LINES PER DETAIL 6/C7.04.
2. CONTRACTOR SHALL VERIFY THE EXISTING INVERT ELEVATIONS IN SSMH-D1 AND REPORT THE INFORMATION TO THE CONTRACTING OFFICER FOR DESIGN VERIFICATION PRIOR TO ORDERING PROPOSED MANHOLES.
3. SANITARY SERVICES SHALL BE SDR26 PVC AND SHALL BE LAID AT A MINIMUM SLOPE OF 2%.
4. CONNECTION TO EXISTING SANITARY MANHOLE (SSMH-D1) SHALL BE MADE BY CORING INTO EXISTING STRUCTURE AND INSTALLING A FLEXIBLE BOOT CONNECTOR WITH STAINLESS STEEL PIPE CLAMPS. SSMH-D1 WILL BE SUBJECT TO THE SAME LEAK TESTING AND ACCEPTANCE REQUIREMENTS AS NEW MANHOLES.
5. CROSSING LOCATION DEPTHS IN PROFILE VIEW ARE APPROXIMATE. AS-BUILT RECORD DRAWINGS WERE USED WHEN AVAILABLE. THE CONTRACTOR SHALL POTHOLE TO CONFIRM CROSSING DEPTHS IN THE FIELD.
6. WATER SERVICES SHALL MAINTAIN A MINIMUM 6-FT OF COVER.
7. PRIOR TO COMMENCING WITH CONSTRUCTION, THE CONTRACTOR SHALL DYE TEST THE EXISTING 4-PLEX TO DETERMINE THE LOCATION OF THE EXISTING SANITARY SERVICE(S). CONTRACTOR SHALL PROVIDE THE CONTRACTING OFFICER WITH THE TEST RESULTS IMMEDIATELY. IF THE EXISTING SANITARY SERVICE(S) IS IMPACTED BY PROPOSED CONSTRUCTION, IT SHALL BE CONNECTED TO PROPOSED SANITARY SYSTEM.
8. CONTRACTOR SHALL STAKE PROPOSED WATER METER AND CURB LOCATIONS FOR APPROVAL BY THE CONTRACTING OFFICER.
9. WATER SERVICES SHALL BE BUTT-FUSED HDPE.

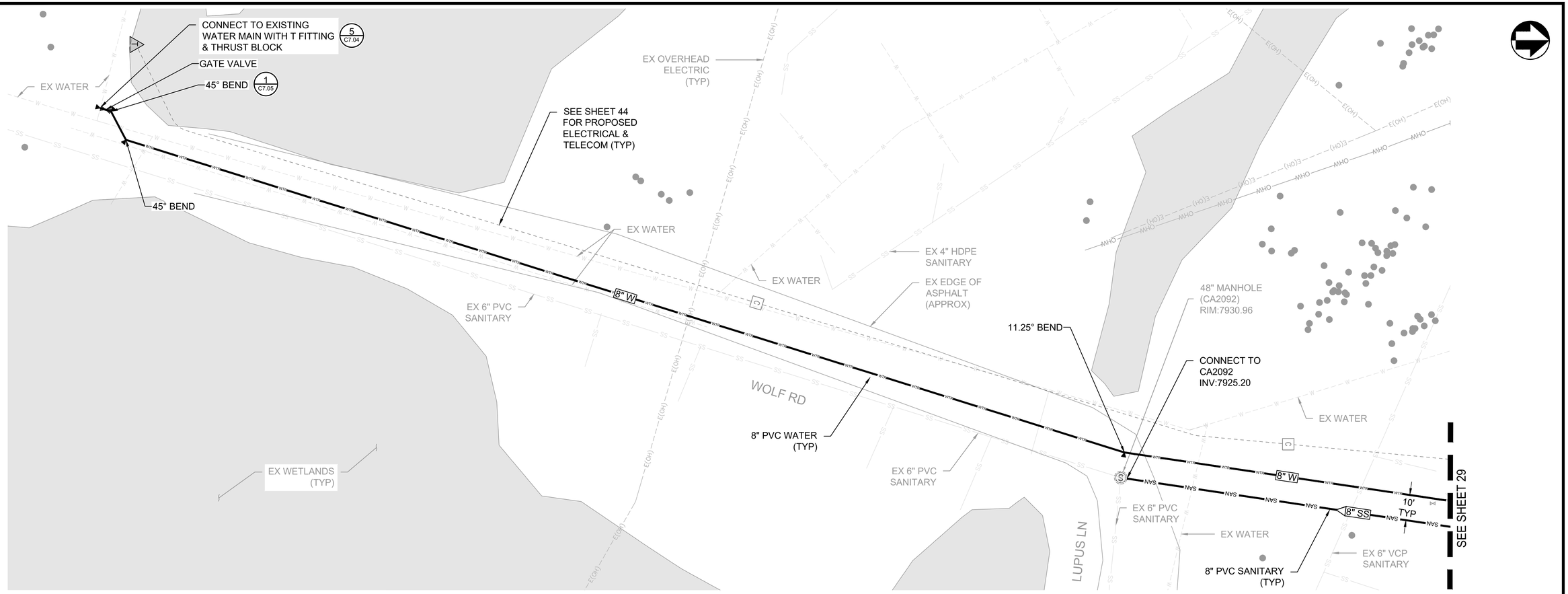
20 0 20 40
HORIZONTAL SCALE OF FEET" 1" = 20'

VERTICAL SCALE OF FEET: 1" = 5'

MONTANA 6/18/26 JESSE CARLSON No. 105520PE LICENSED PROFESSIONAL ENGINEER

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C5.03	TITLE OF SHEET NE ENTRANCE WATER AND SEWER PLAN & PROFILE YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 27 OF 94

PLOT DATE: 6/18/2026 9:15 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELLDD\326141A_326104\CADV2022DRAWINGS\CIVILINE-CANYON\CANYONIC5.01_NE_P&P.DWG





20 0 20 40

HORIZONTAL SCALE OF FEET: 1" = 20'

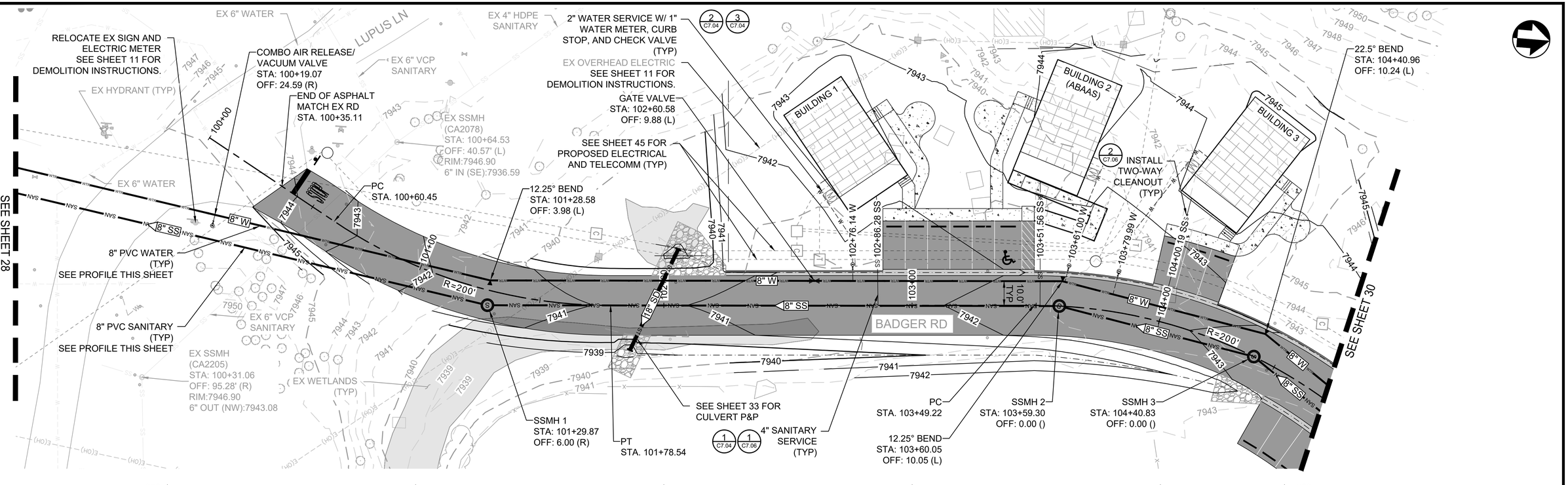
NOTES:

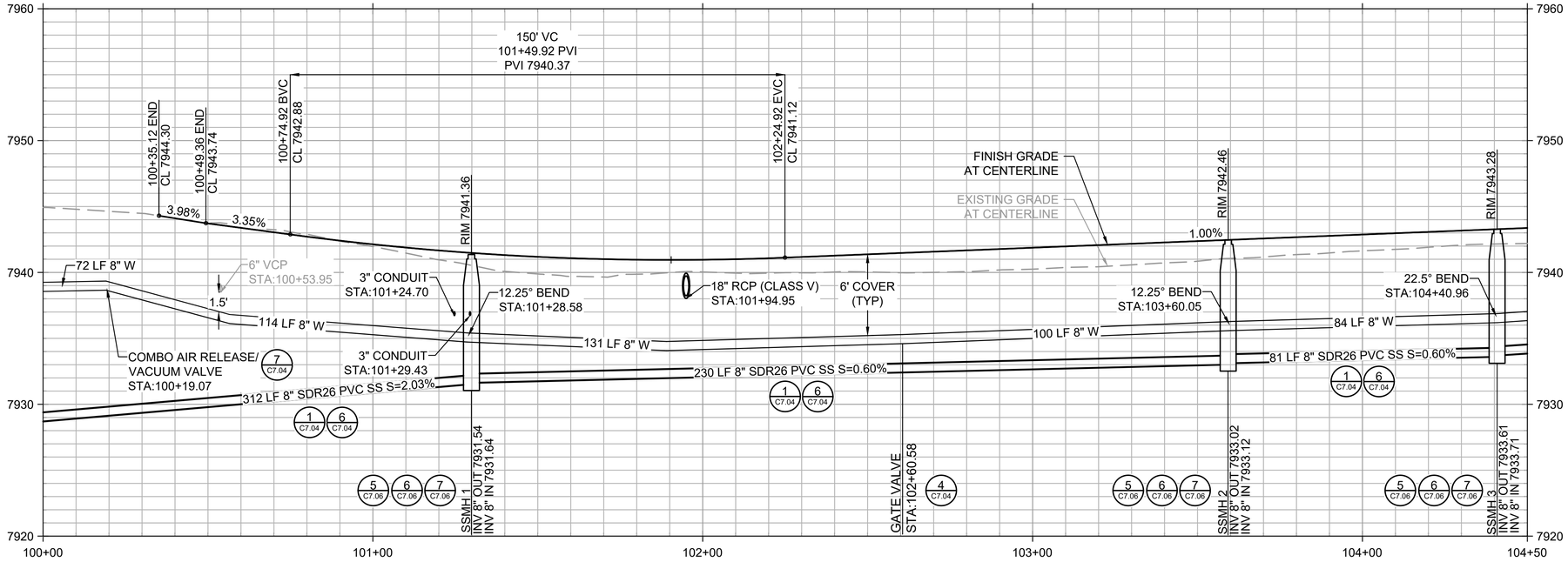
1. PROPOSED UTILITIES OUTSIDE OF TOPOGRAPHIC CONTOURS TO BE FIELD FIT. NO SURVEY COMPLETED OUTSIDE OF GROUND SURFACE CONTOURS SHOWN. NO DESIGN PROFILE DUE TO SURVEY EXTENTS. CONTRACTOR SHALL STAKE OUT UTILITIES PRIOR TO INSTALLATION FOR CONTRACTING OFFICER'S APPROVAL. NO DESIGN PROFILE TO BE PROVIDED.
2. EDGE OF ROADWAYS ARE SHOWN HERE AS APPROXIMATE.
3. WATER MAINS SHALL BE AWWA C900 DR18 AND MAINTAIN A MINIMUM COVER OF 6-FT FROM FINISHED GRADE.
4. MAINTAIN A MINIMUM 10-FT HORIZONTAL SEPARATION & 1.5-FT VERTICAL SEPARATION BETWEEN POTABLE WATER AND SANITARY SEWER LINES.
5. SANITARY SERVICES SHALL BE SDR26 PVC AND SHALL BE LAID AT A MINIMUM SLOPE OF 2%.
6. CROSSING LOCATION DEPTHS IN PROFILE VIEW ARE APPROXIMATE. AS-BUILT RECORD DRAWINGS WERE USED WHEN AVAILABLE. THE CONTRACTOR SHALL POTHOLE TO CONFIRM CROSSING DEPTHS IN THE FIELD.
7. CONNECTION TO EXISTING SANITARY MANHOLE (CA2092) SHALL BE MADE BY CORING INTO EXISTING STRUCTURE AND INSTALLING A FLEXIBLE BOOT CONNECTOR WITH STAINLESS STEEL PIPE CLAMPS.

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	SUB SHEET NO. C5.04	TITLE OF SHEET CANYON VILLAGE PLAN & PROFILE SHEET 1 OF 4 YELLOWSTONE NATIONAL PARK

DRAWING NO. 101 198433
PMIS / PKG NO. 326141
SHEET 28 OF 94

PLOT DATE: 7/9/2026 4:28 PM USER: SOUTHWORTH, PAUL
C:\USERS\PSOUTHWORTH\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\C5.02_CANYON_P&P_1.DWG







20 0 20 40

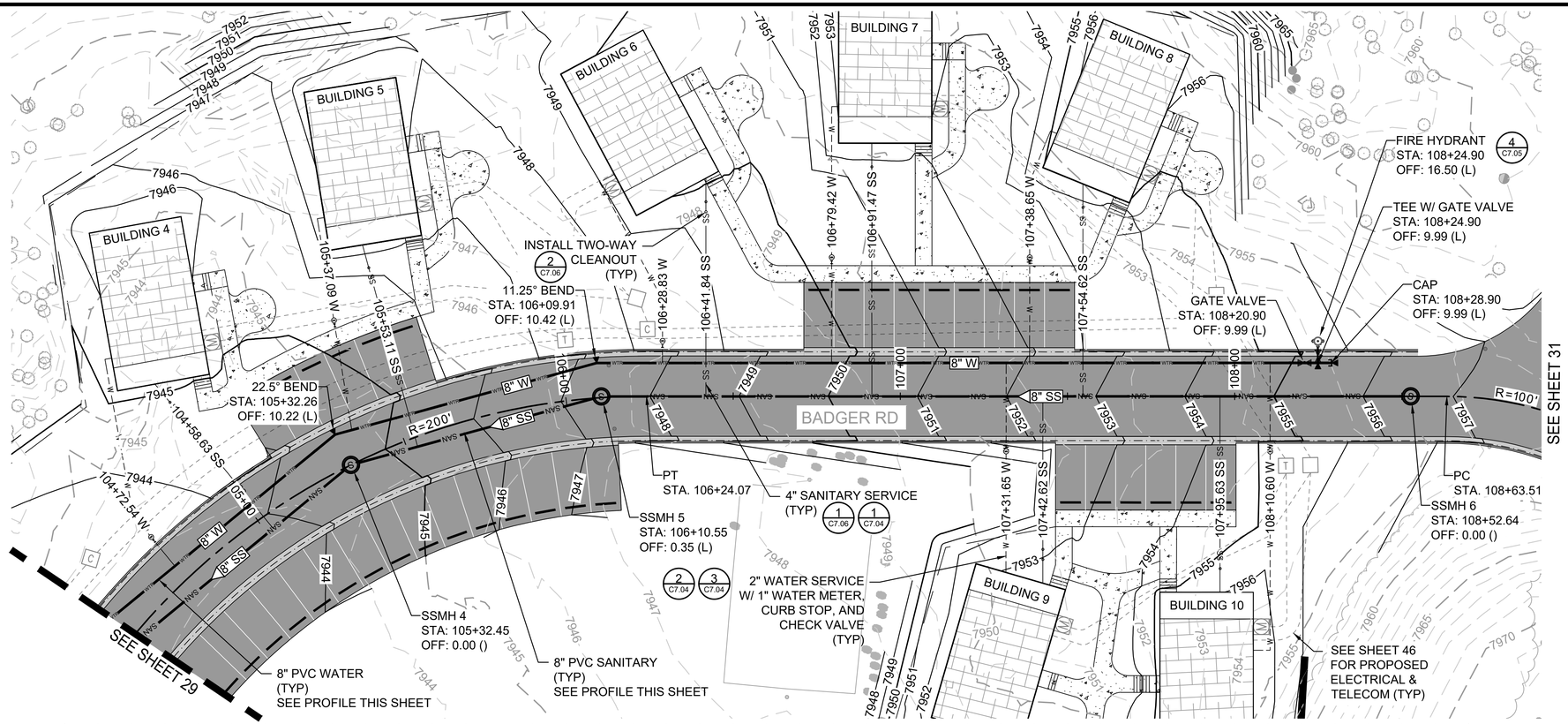
HORIZONTAL SCALE OF FEET: 1" = 20'

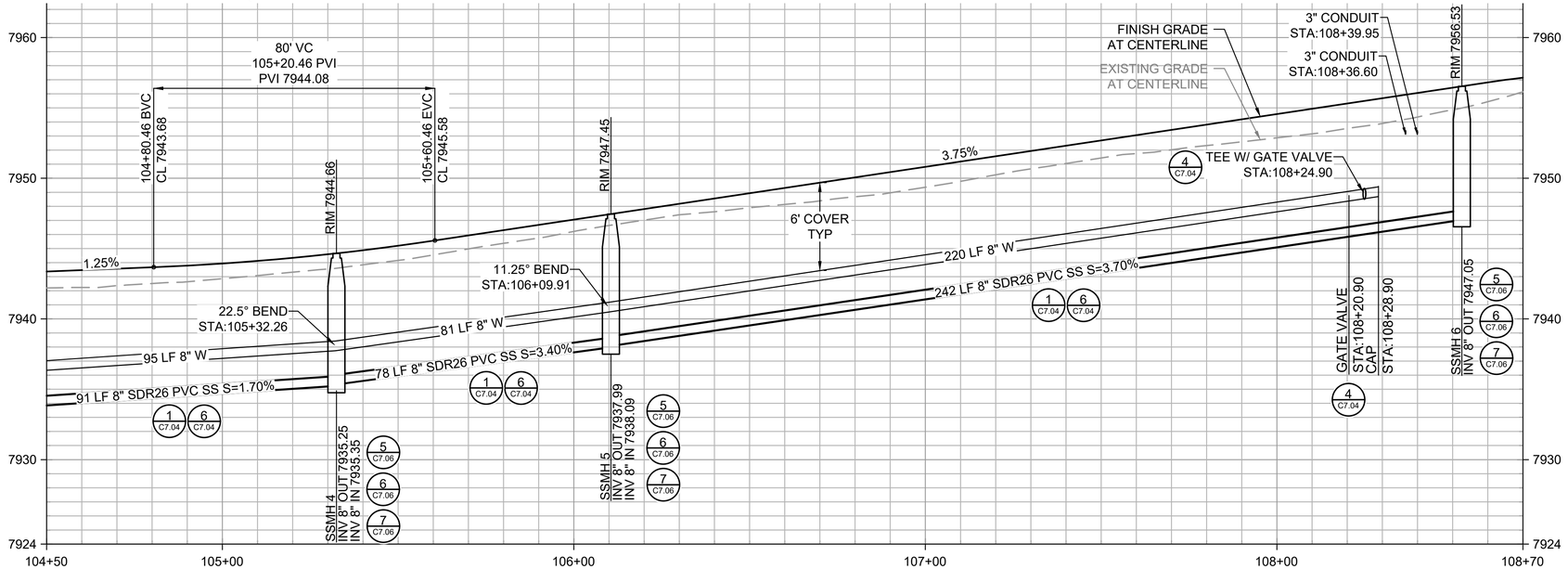
VERTICAL SCALE OF FEET: 1" = 5'

NOTES:
1. MAINTAIN A MINIMUM 10-FT HORIZONTAL SEPARATION 1.5-FT VERTICAL SEPARATION BETWEEN POTABLE WATER AND SANITARY SEWER LINES.
2. SANITARY SERVICES SHALL BE SDR26 PVC AND SHALL BE LAID AT A MINIMUM SLOPE OF 2%.
3. WATER SERVICES SHALL BE BUTT-FUSED HDPE.
4. SEE SHEET 33 FOR STORM DRAIN PLAN AND PROFILES.
5. CROSSING LOCATION DEPTHS IN PROFILE VIEW ARE APPROXIMATE. AS-BUILT RECORD DRAWINGS WERE USED WHEN AVAILABLE. THE CONTRACTOR SHALL POTHOLE TO CONFIRM CROSSING DEPTHS IN THE FIELD.
6. WATER MAINS SHALL BE AWWA C900 DR18 AND MAINTAIN A MINIMUM COVER OF 6-FEET FROM FINISHED GRADE.
7. CONTRACTOR SHALL STAKE PROPOSED WATER METER AND CURB LOCATIONS FOR APPROVAL BY THE CONTRACTING OFFICER.

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	SUB SHEET NO. C5.05	TITLE OF SHEET CANYON VILLAGE PLAN & PROFILE SHEET 2 OF 4 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 29 OF 94

PLOT DATE: 7/9/2026 4:28 PM USER: SOUTHWORTH, PAUL
C:\USERS\PSOUTHWORTH\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\C5.03_CANYON_P&P_2.DWG







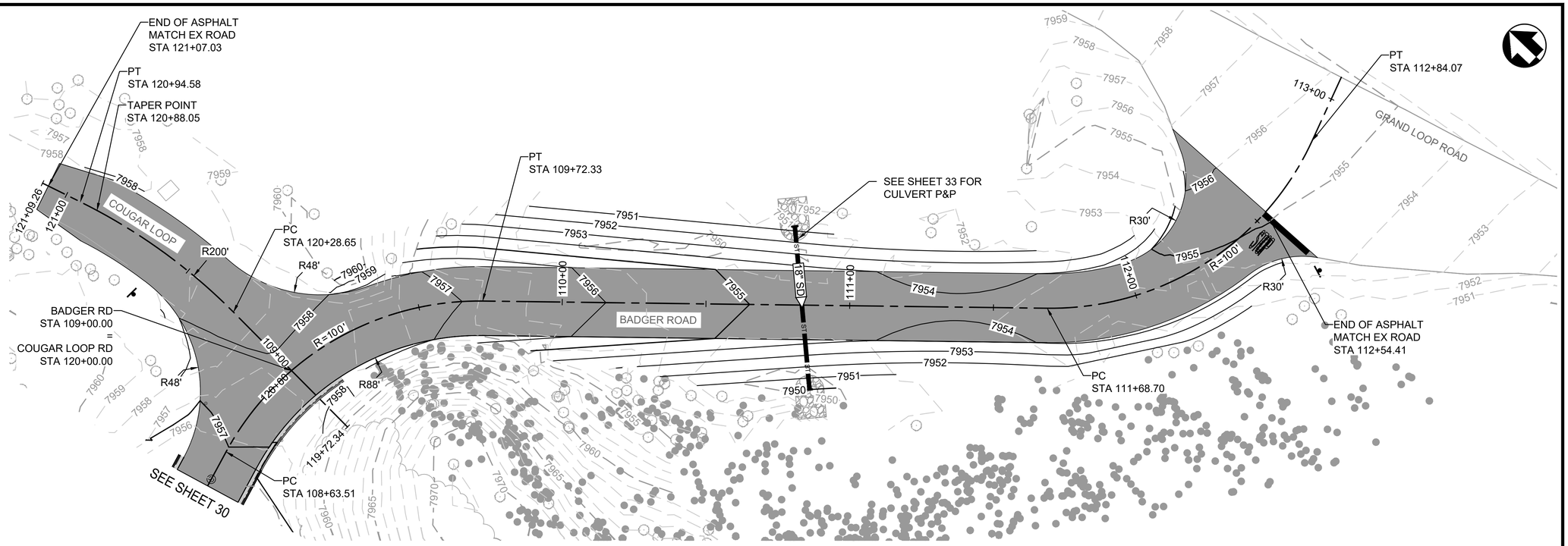
20 0 20 40
HORIZONTAL SCALE OF FEET: 1" = 20'

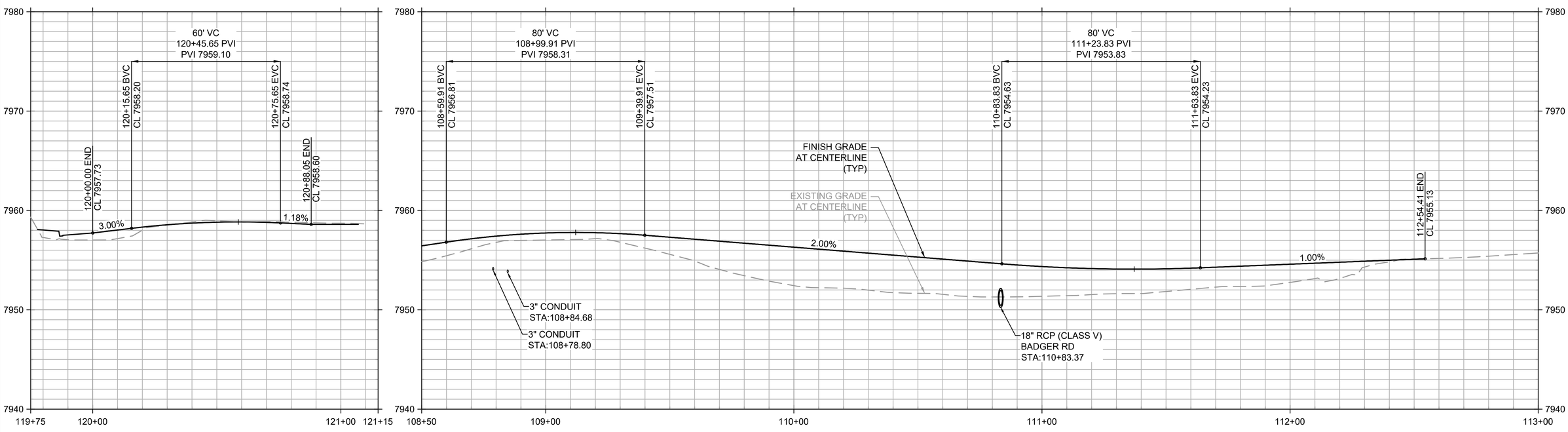
VERTICAL SCALE OF FEET: 1" = 5'

NOTES:
1. MAINTAIN A MINIMUM 10-FT HORIZONTAL SEPARATION & 1.5-FT VERTICAL SEPARATION BETWEEN POTABLE WATER AND SANITARY SEWER LINES.
2. SANITARY SERVICES SHALL BE SDR26 PVC AND SHALL BE LAID AT A MINIMUM SLOPE OF 2%.
3. WATER SERVICES SHALL BE BUTT-FUSED HDPE.
4. CROSSING LOCATION DEPTHS IN PROFILE VIEW ARE APPROXIMATE. AS-BUILT RECORD DRAWINGS WERE USED WHEN AVAILABLE. THE CONTRACTOR SHALL POTHOLE TO CONFIRM CROSSING DEPTHS IN THE FIELD.
5. WATER MAINS SHALL BE AWWA C900 DR18 AND MAINTAIN A MINIMUM COVER OF 6-FEET FROM FINISHED GRADE.
6. CONTRACTOR SHALL STAKE PROPOSED WATER METER AND CURB LOCATIONS FOR APPROVAL BY THE CONTRACTING OFFICER.

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	SUB SHEET NO. C5.06	TITLE OF SHEET CANYON VILLAGE PLAN & PROFILE SHEET 3 OF 4 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 30 OF 94

PLOT DATE: 7/9/2026 4:28 PM USER: SOUTHWORTH, PAUL
C:\USERS\PSOUTHWORTH\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\NIC5.04_CANYON_P&P_3.DWG





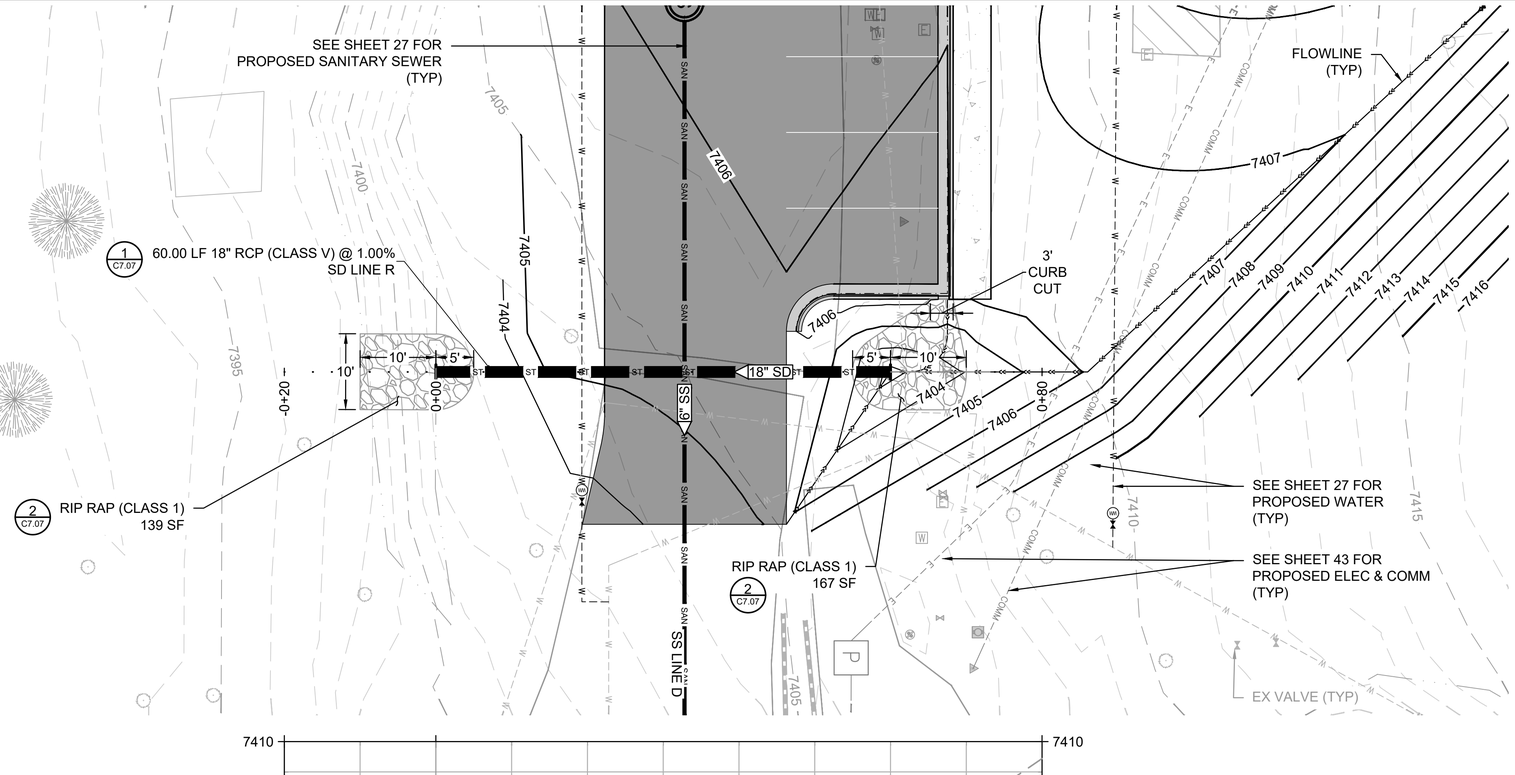
PLOT DATE: 6/18/2026 9:17 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\CANYONIC5.05_CANYON_P&P_4.DWG

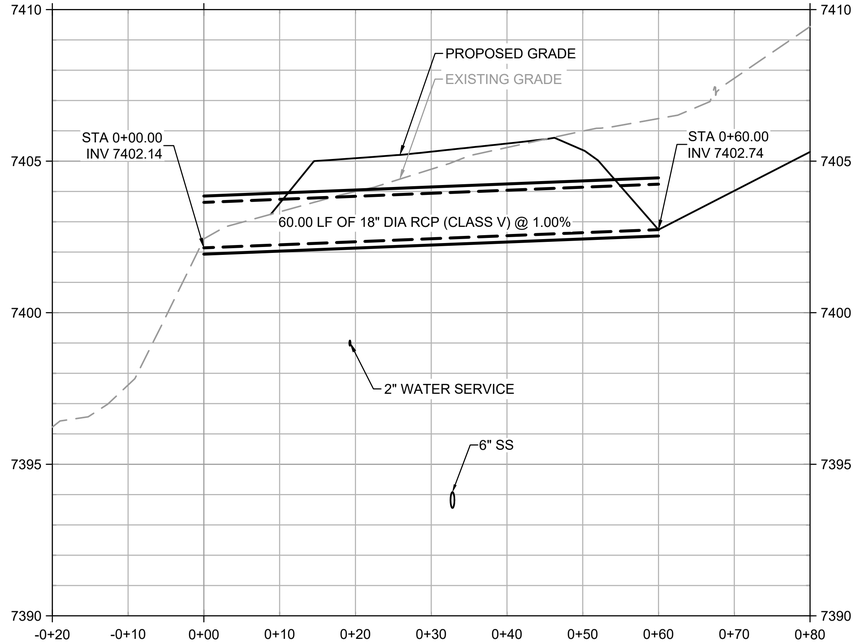
Professional Engineer
JESSE CARLSON
20110
WYOMING
6/18/26

HORIZONTAL SCALE OF FEET
20 0 20 40

VERTICAL SCALE OF FEET: 1" = 5'

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C5.07	TITLE OF SHEET CANYON VILLAGE PLAN & PROFILE SHEET 4 OF 4 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 31 OF 94





SD LINE R

NOTES:
1. CROSSING LOCATION DEPTHS IN PROFILE VIEW ARE APPROXIMATE. AS-BUILT RECORD DRAWINGS WERE USED WHEN AVAILABLE. THE CONTRACTOR SHALL POTHOLE TO CONFIRM CROSSING DEPTHS IN THE FIELD.

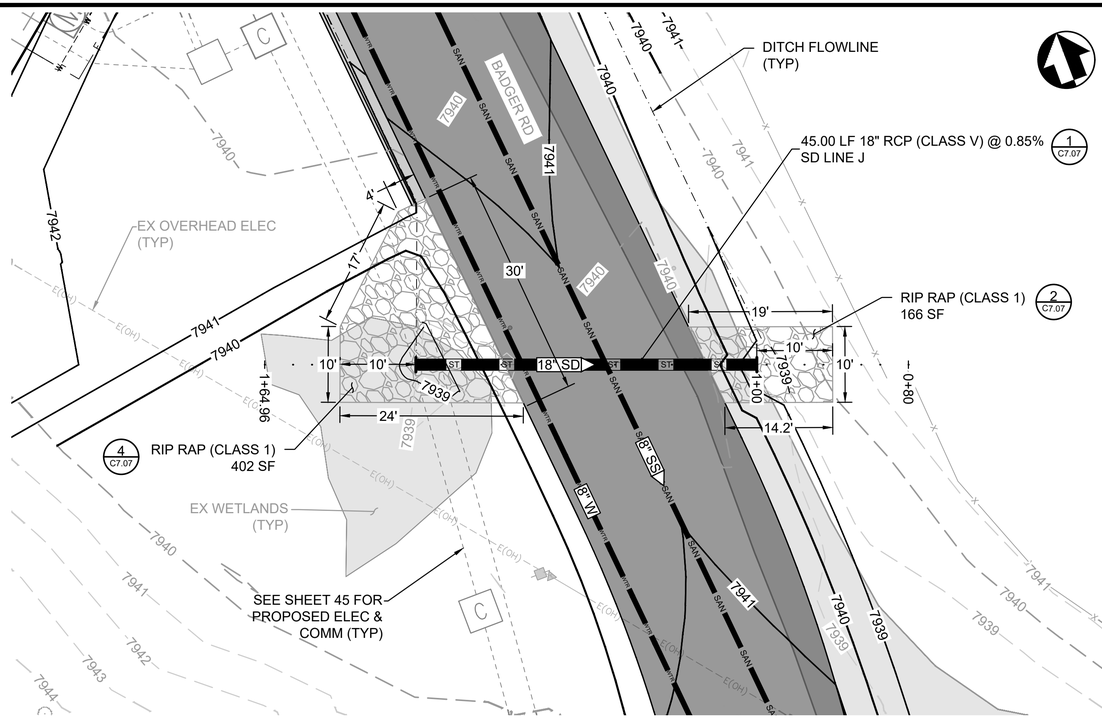
MONTANA
6/18/26
JESSE CARLSON
No. 10552OPE
LICENSED PROFESSIONAL ENGINEER

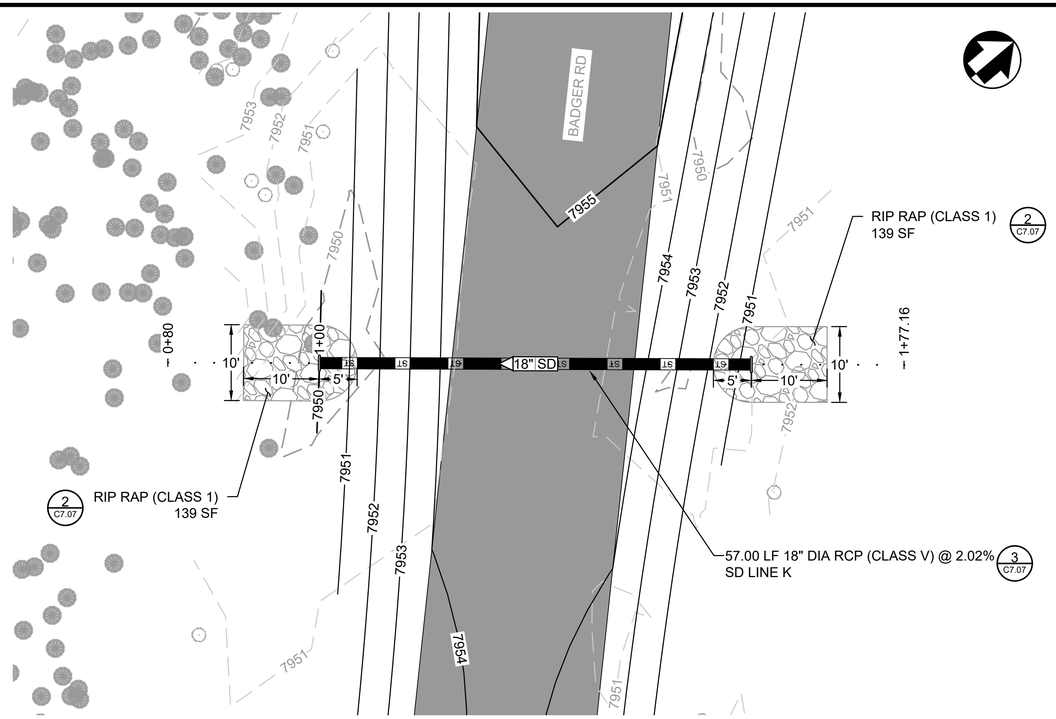
10 0 10 20
HORIZONTAL SCALE OF FEET

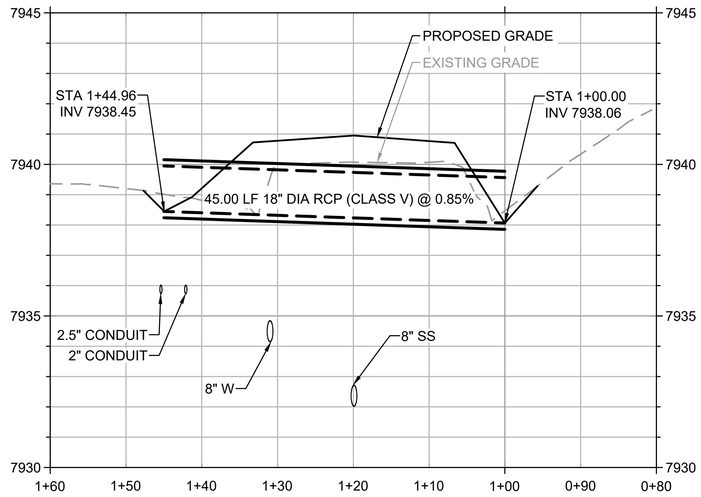
VERTICAL SCALE OF FEET: 1" = 2.5'

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C5.08	TITLE OF SHEET NE ENTRANCE STORM PLAN & PROFILE YELLOWSTONE NATIONAL PARK
			DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 32 OF 94

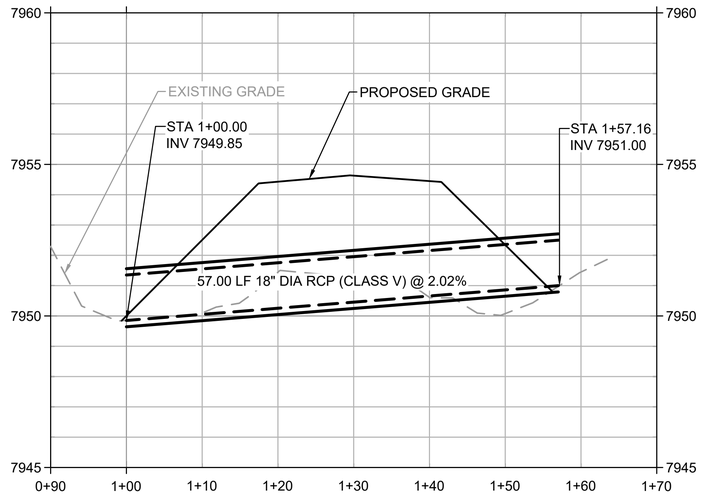
PLOT DATE: 6/18/2026 9:17 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVILINE-CANYON\CANYONIC5.07_NE_STORM_CULVERT_P&P.DWG







SD LINE J



SD LINE K



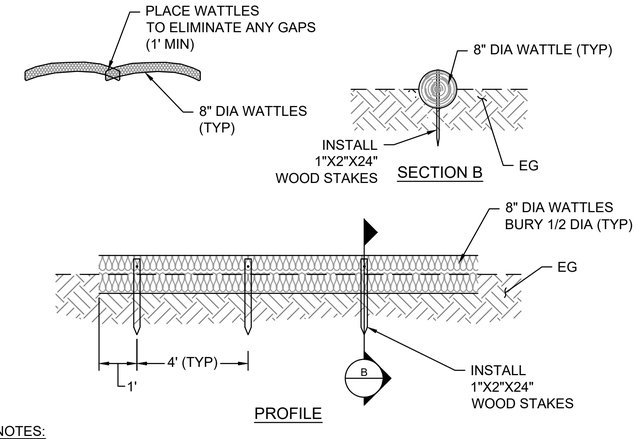
10 0 10 20
HORIZONTAL SCALE OF FEET

VERTICAL SCALE OF FEET: 1" = 2.5'

NOTES:
1. MAINTAIN A MINIMUM 10-FT HORIZONTAL SEPARATION BETWEEN POTABLE WATER AND SANITARY SEWER LINES.
2. CROSSING LOCATION DEPTHS IN PROFILE VIEW ARE APPROXIMATE. AS-BUILT RECORD DRAWINGS WERE USED WHEN AVAILABLE. THE CONTRACTOR SHALL POTHOLE TO CONFIRM CROSSING DEPTHS IN THE FIELD.

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C5.09	TITLE OF SHEET CANYON VILLAGE STORM PLAN & PROFILE YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 33 OF 94

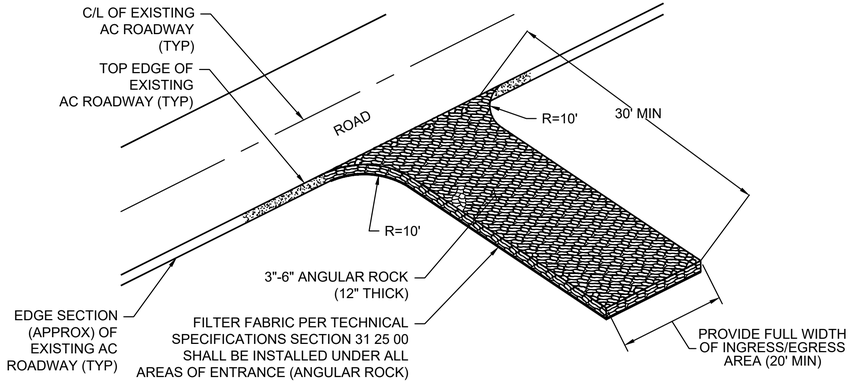
PLOT DATE: 6/18/2026 9:18 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\CANYONC5.06_CANYON_STORM_CULVERT_P&P.DWG



NOTES:

1. PLACEMENT OF WATTLES IS SUBJECT TO EXISTING CONDITIONS AND AS DIRECTED BY THE CONTRACTING OFFICER.
2. PLACE WATTLES AS SHOWN ON PLAN SHEETS.
3. PLACE GRAVEL BAGS OVER WATTLES WHEN STAKES CANNOT BE USED DUE TO BEDROCK.
4. UPON DEMOBILIZATION WATTLES SHALL BE REMOVED FROM SITE. COCONUT HUSK FROM FIBER ROLLS IS NOT TO BE SPREAD IN PLACE AS MULCHING MATERIAL.
5. SEE TECHNICAL SPECIFICATIONS SECTION 01 57 23 AND 31 25 00 FOR ADDITIONAL REQUIREMENTS.

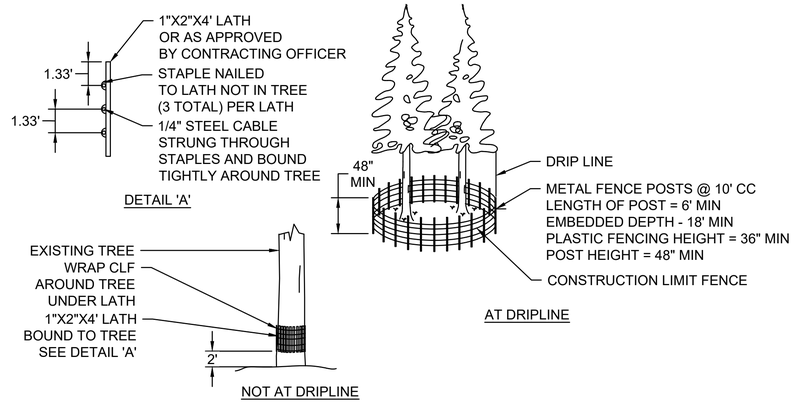
1 C7.01 WATTLES
NOT TO SCALE



NOTES:

1. A STABILIZED CONSTRUCTION INGRESS AND EGRESS IS REQUIRED AT ALL ENTRANCES/EXITS FROM PAVEMENT TO NON-PAVEMENT AREAS.
2. THE ENTRANCE SHALL BE PROPERLY GRADED TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.
3. THE ENTRANCE SHALL BE CONSTRUCTED ON LEVEL GROUND.
4. PERIODIC TOP DRESSING WITH ADDITIONAL STONE SHALL BE PROVIDED TO ENSURE THE INTEGRITY OF THE ENTRANCE DURING CONSTRUCTION.
5. THE ENTRANCE SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL IN ACCORDANCE WITH SWPPP.
6. ROCK MATERIAL SHALL BE ADDED WHEN SURFACE VOIDS ARE NOT VISIBLE.
7. ALL SEDIMENT DEPOSITS ON PAVED ROADWAYS SHALL BE REMOVED IMMEDIATELY.
8. ALL MATERIALS SHALL BE REMOVED AT COMPLETION OF CONSTRUCTION.
9. SEE TECHNICAL SPECIFICATIONS SECTION 01 27 23 AND 31 25 00 FOR ADDITIONAL REQUIREMENTS.

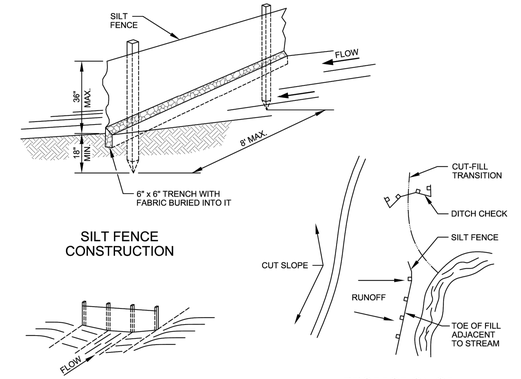
3 C7.01 STABILIZED TEMPORARY CONSTRUCTION ENTRANCE
NOT TO SCALE



NOTES:

1. USE ORANGE PLASTIC FENCING MATERIALS OR 6' CHAIN LINK.
2. CLF AND TREE PROTECTION FENCE SHALL BE A MIN OF 48" HIGH. FOR TREES WITH DRIPLINES THAT OVERHANG THE CONSTRUCTION AREAS, THE LOCATION OF THE TREE PROTECTION FENCE SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTING OFFICER.
3. THE DETAIL SHOWN IS FOR TREE PROTECTION. MATERIAL AND SPACING SHOWN ALSO APPLIES TO CLF.
4. LEAVE 12" SPACING BETWEEN CONSTRUCTION LIMIT FENCE AND GROUND.
5. REMOVE CONSTRUCTION LIMIT FENCE AFTER CONSTRUCTION HAS BEEN COMPLETED.

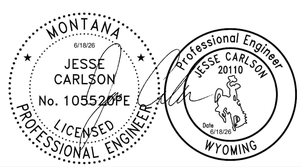
2 C7.01 CONSTRUCTION LIMIT FENCE AND TREE PROTECTION
NOT TO SCALE



NOTES:

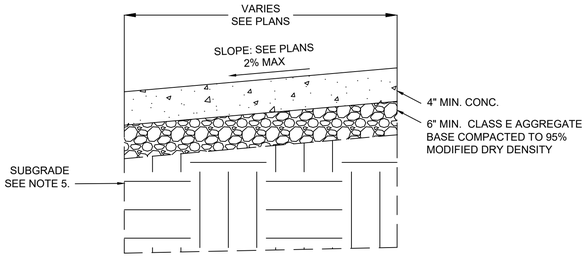
1. A SILT FENCE IS A VERTICAL BARRIER OF GEOTEXTILE FABRIC DESIGNED TO REMOVE PARTICLES FROM THE WATER PASSING THROUGH IT.
2. SILT FENCES ARE PLACED AROUND INLETS, ACROSS MINOR SWALES, AND AT THE TOE OF SLOPES ADJACENT TO STREAMS AND DEVELOPED PROPERTY. SILT FENCE USAGE SHALL BE LIMITED TO HANDLE AN AREA EQUIVALENT TO 1000 SQ-FT PER 10 FT OF FENCE. CAUTION SHOULD BE USED WHERE THE SITE SLOPE IS STEEPER THAN 1:1 H:V AND WATER FLOW RATES EXCEED 1 CU-FT. PER SECOND PER 10 FT OF FENCE.
3. THE SILT FENCE SHALL BE REBUILT AND GRADING CONTROLLED SO THAT WATER IS FILTERED UNIFORMLY ALONG THE FENCE. THE ENDS OF THE FENCE SHALL BE TAPERED UPHILL. POSTS SHALL BE DRIVEN TO A MIN. DEPTH OF 18 INCHES AT A MAX SPACING OF 8 FEET. WHERE AN 18-INCH DEPTH IS IMPOSSIBLE TO ACHIEVE, THE POSTS SHALL BE AQEQUATELY SECURED TO PREVENT OVERTURNING OF THE FENCE. THE FENCE SHALL BE ATTACHED TO THE POSTS BY WIRE, CORD, STAPLES, POCKETS, OR OTHER ACCEPTABLE MEANS. A MIN. OF 6-INCHES OF GEOTEXTILE FABRIC AT THE BOTTOM OF THE FENCE SHALL BE DRAPED INTO A TRENCH, BACKFILLED WITH SOIL AND COMPACTED. FENCE CONSTRUCTION SHALL BE ADEQUATE TO HANDLE THE STRESS OF THE SEDIMENT LOADING.
4. THE CONTRACTOR SHALL MAINTAIN THE SILT FENCE UNTIL THE FENCE IS REMOVED OR UNTIL THE PROJECT IS ACCEPTED. THE FABRIC SHOULD BE CHECKED FOR RIPS, TEARS, AND OTHER TYPES OF DETERIORATION AND REPLACED AS NEEDED. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THE DEPOSIT REACHES APPROXIMATELY ONE HALF THE HEIGHT OF THE SILT FENCE. WHEN PERMANENT SOIL EROSION CONTROL IS ACHIEVED, THE FENCE SHALL BE REMOVED AND THE ACCUMULATED SEDIMENT SPREAD AND SEEDED.

4 C7.01 SILT FENCE
NOT TO SCALE



A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C7.01	TITLE OF SHEET CIVIL DETAILS SHEET 1 OF 7 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 34 OF 94

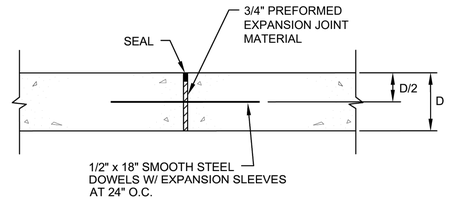
PLOT DATE: 6/18/2026 9:18 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVILINE-CANYONICANYONIC7.01_DETAILS_1.DWG



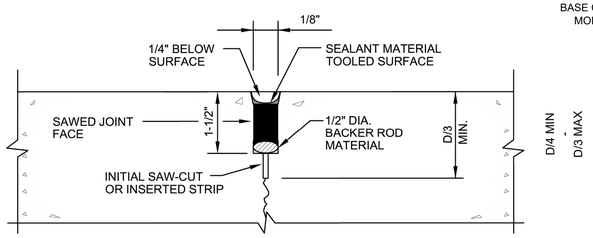
NOTES:

1. PORTLAND CEMENT CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF SPECIFICATION SECTION 32 16 00.
2. CONTRACTION AND EXPANSION JOINTS SHALL COMPLY WITH SPECIFICATION SECTIONS 03 30 00 AND 32 16 00.
3. CLASS E AGGREGATE BASE REQUIREMENTS SHALL CONFORM TO SPECIFICATION SECTION 32 11 00.
4. NO OBSTRUCTION, SUCH AS UTILITY POLES, SIGNAL POLES AND CONTROLS, WATER METER BOXES, PULL BOXES, ETC. ARE ALLOWED WITHIN SIDEWALKS.
5. SUBGRADE COMPACTION SHALL CONFORM TO SPECIFICATION SECTION 32 11 00. SCARIFY 6" MINIMUM AND COMPACT TO A MINIMUM OF 95% RELATIVE COMPACTION (MODIFIED PROCTOR).

1 C7.02 CONCRETE SIDEWALKS AND PADS
NOT TO SCALE

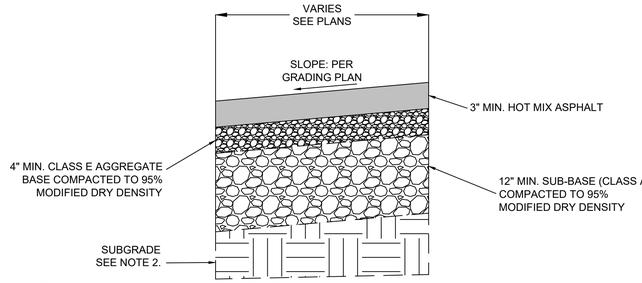


A - EXPANSION JOINT



B - CONTRACTION JOINT

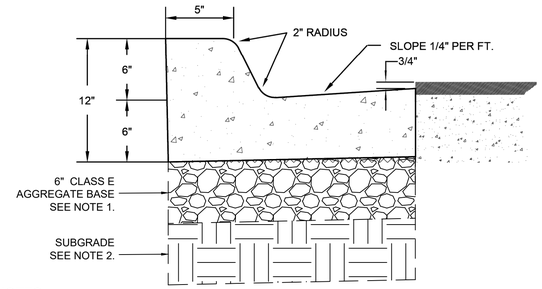
2 C7.02 JOINTS
NOT TO SCALE



NOTES:

1. SEE SPECIFICATION SECTION 32 12 00 FOR ADDITIONAL DETAILS ON HOT MIX ASPHALT.
2. SUBGRADE COMPACTION SHALL CONFORM TO SPECIFICATION SECTION 32 11 00. SCARIFY 6" MINIMUM AND COMPACT TO A MINIMUM OF 95% RELATIVE COMPACTION (MODIFIED PROCTOR).

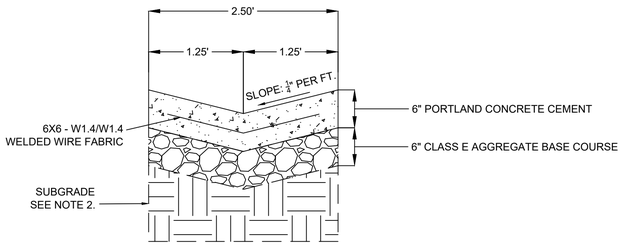
3 C7.02 ASPHALT PAVEMENT SECTION
NOT TO SCALE



NOTES:

1. CONCRETE CURB AND GUTTER SHALL BE UNDERLAIN WITH 6" OF CLASS E AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION (MODIFIED PROCTOR)
2. SUBGRADE COMPACTION SHALL CONFORM TO SPECIFICATION SECTION 32 11 00. SCARIFY 6" MINIMUM AND COMPACT TO A MINIMUM OF 95% RELATIVE COMPACTION (MODIFIED PROCTOR).
3. CONTRACTION AND EXPANSION JOINTS SHALL COMPLY WITH SECTION 610, FP-24. CONTRACTION JOINTS SHALL BE CONSTRUCTED BY SAWING OR SCORING. WHEN SCORING, A TOOL SHALL BE USED WHICH WILL LEAVE CORNERS ROUNDED AND DESTROY AGGREGATE INTERLOCK FOR SPECIFIED MINIMUM DEPTH.
4. NO CURB AND GUTTER SHALL BE PLACED WITHOUT A FINAL FORM INSPECTION BY THE CONTRACTING OFFICER.
5. CLASS 4000 CONCRETE SHALL BE USED, PER SECTION 32 16 00.

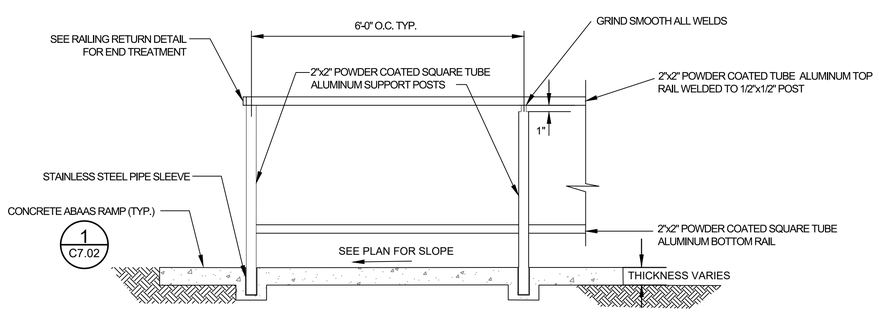
4 C7.02 CONCRETE CURB & GUTTER
NOT TO SCALE



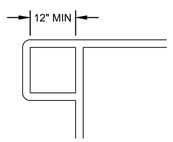
NOTES:

1. CONCRETE, BASE, AND SUBGRADE MATERIAL AND PREPARATION REQUIREMENTS SHALL MATCH THE REQUIREMENTS FOR COMBINED CURB AND GUTTER DETAIL.
2. SUBGRADE COMPACTION SHALL CONFORM TO SPECIFICATION SECTION 32 11 00. SCARIFY 6" MINIMUM AND COMPACT TO A MINIMUM OF 95% RELATIVE COMPACTION (MODIFIED PROCTOR).
3. NO VALLEY GUTTER SHALL BE PLACED WITHOUT FINAL FORM INSPECTION BY THE CONTRACTING OFFICER.
4. EDGE OF V-PAN SHALL BE PLACED 3/4" BELOW THE EDGE OF ASPHALT (3/4" LIP)
5. WELDED WIRE FABRIC MAY BE SUBSTITUTED WITH #3 BARS @ 12" O.C. EACH WAY

5 C7.02 VALLEY PAN (V-PAN)
NOT TO SCALE



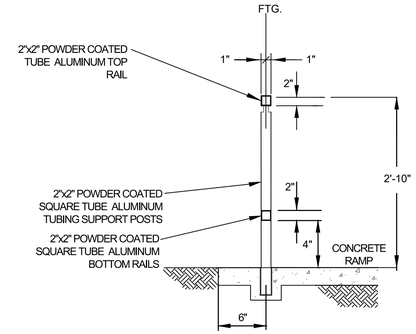
ELEVATION VIEW



RAILING RETURN

NOTES:

1. 1/8-INCH WEEP HOLES ARE REQUIRED AT BOTTOMS AND LOW POINTS OF RAILS AND POSTS.
2. ALL ENDS TO BE CAPPED.
3. ALL SHARP EDGES TO BE GROUND SMOOTH.
4. SEE TECHNICAL SPECIFICATIONS SECTION 05 73 00.



END VIEW

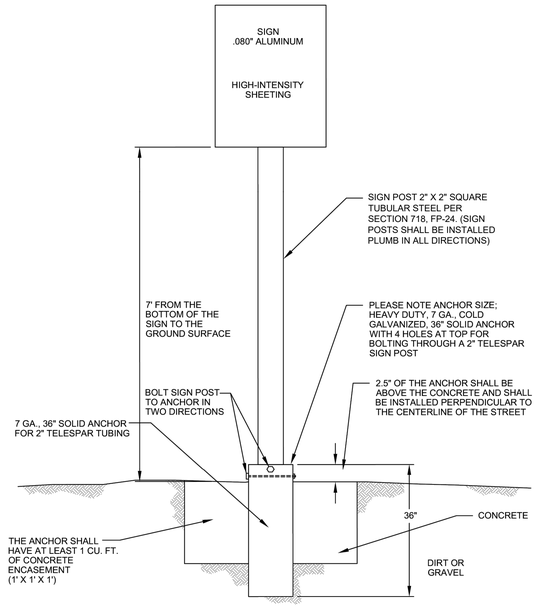
6 C7.02 HANDRAIL
NOT TO SCALE

MONTANA 6/18/26 JESSE CARLSON No. 105520PE LICENSED PROFESSIONAL ENGINEER

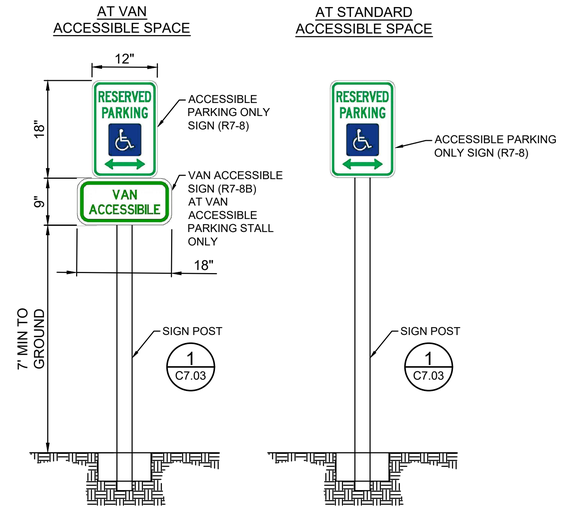
Professional Engineer JESSE CARLSON 20110 Date 6/18/26 WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C7.02	TITLE OF SHEET CIVIL DETAILS SHEET 2 OF 7 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 35 OF 94

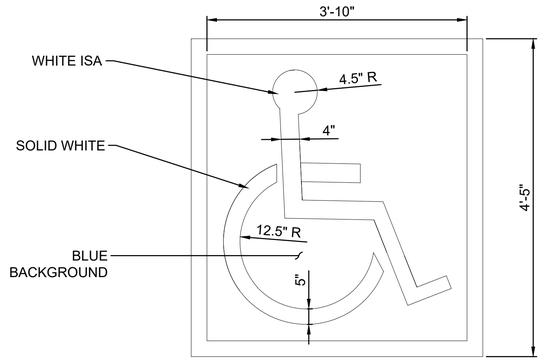
PLOT DATE: 6/18/2026 9:18 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVILINE-CANYON\C7.01_DETAILS_1.DWG



1 C7.03 SIGN INSTALLATION
NOT TO SCALE



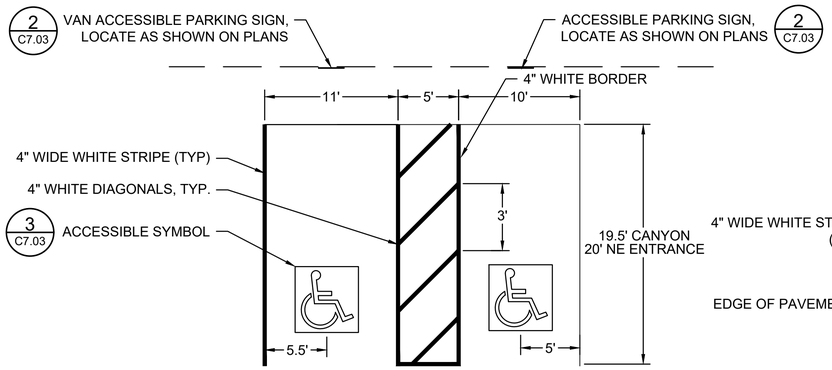
2 C7.03 ACCESSIBLE PARKING SIGNS
NOT TO SCALE



NOTES:

1. STRIPING AND MARKINGS ARE REPRESENTATIVE ONLY.
2. STRIPING AND MARKING LAYOUTS SHALL BE REVIEWED AND ACCEPTED BY CONTRACTING OFFICER PRIOR TO APPLYING PAINT.
3. REFER TO SPECIFICATION SECTION 32 17 00.

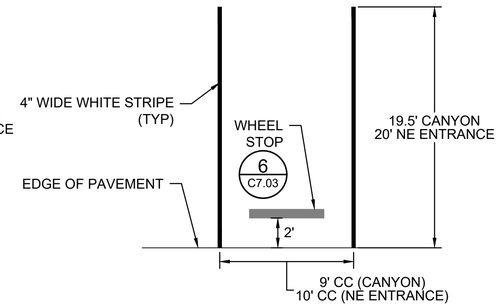
3 C7.03 ACCESSIBLE PARKING SYMBOL
NOT TO SCALE



NOTES:

1. SEE PLANS FOR LAYOUT INFORMATION. PARKING AREAS SHALL BE STAKED AND VERIFIED BY CONTRACTING OFFICER PRIOR TO PARKING AREA CONSTRUCTION.
2. STRIPING AND MARKINGS ARE REPRESENTATIVE ONLY.
3. STRIPING AND MARKING LAYOUTS SHALL BE REVIEWED AND ACCEPTED BY CONTRACTING OFFICER PRIOR TO APPLYING PAINT.
4. ACCESSIBLE PARKING STALLS AND AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1.5% IN ALL DIRECTIONS.
5. SEE SPECIFICATIONS SECTION 32 17 00.

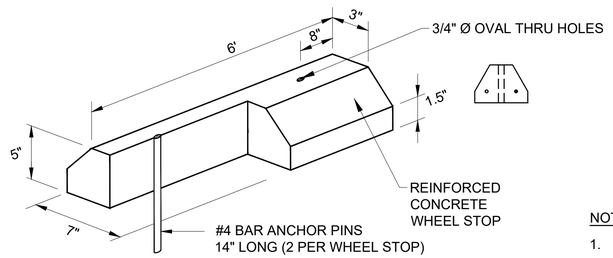
4 C7.03 ACCESSIBLE PARKING STALLS
NOT TO SCALE



NOTES:

1. SEE PLANS FOR LAYOUT INFORMATION. PARKING AREAS SHALL BE STAKED AND VERIFIED BY CONTRACTING OFFICER PRIOR TO PARKING AREA CONSTRUCTION.
2. STRIPING AND MARKINGS ARE REPRESENTATIVE ONLY.
3. STRIPING AND MARKING LAYOUTS SHALL BE REVIEWED AND ACCEPTED BY CONTRACTING OFFICER PRIOR TO APPLYING PAINT.
4. SEE SPECIFICATIONS SECTION 32 17 00.

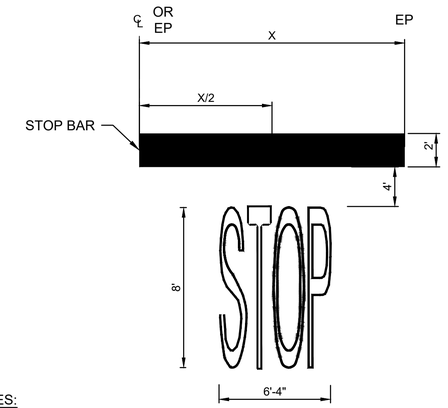
5 C7.03 PARKING STALL
NOT TO SCALE



NOTES:

1. THE WHEEL STOPS SHALL BE ANCHORED WITH TWO (2) 14" ANCHOR STAKES FOR CAR STOPS.
2. WHEEL STOPS SHALL BE CENTERED IN PARKING SPACES AND PLACED TWO FEET FROM THE PARKING SPACE EDGE.
3. INSTALL PARKING WHEEL STOPS PER MANUFACTURER'S REQUIREMENTS.

6 C7.03 WHEEL STOP
NOT TO SCALE



NOTES:

1. ALL MARKINGS IN WHITE TRAFFIC PAINT IN ACCORDANCE WITH THE TECHNICAL CONDITIONS.
2. "STOP" TRAFFIC MARKING SHALL BE CENTERED ON THE STOP BAR.
3. STOP BAR SHALL START FROM CENTER LINE OF ROAD AND CONTINUE TO EDGE OF PAVEMENT.
4. MINOR VARIATIONS IN DIMENSIONS MAY BE ACCEPTED BY THE ENGINEER.
5. PORTIONS OF A LETTER, NUMBER, OR SYMBOL MAY BE SEPARATED BY CONNECTIONS SEGMENTS NOT TO EXCEED 2" IN WIDTH.
6. REFER TO THE MOST RECENT VERSION OF FHWA MUTCD AND TECHNICAL SPECIFICATIONS SECTION 32 17 00.

7 C7.03 STOP ROADWAY MARKING
NOT TO SCALE

MONTANA 6/18/26 JESSE CARLSON No. 10552PE LICENSED PROFESSIONAL ENGINEER

Professional Engineer JESSE CARLSON 20110 WYOMING Date 6/18/26

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C7.03	TITLE OF SHEET CIVIL DETAILS SHEET 3 OF 7 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 36 OF 94

PLOT DATE: 6/18/2026 9:18 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\CANYONIC7.01_DETAILS_1.DWG