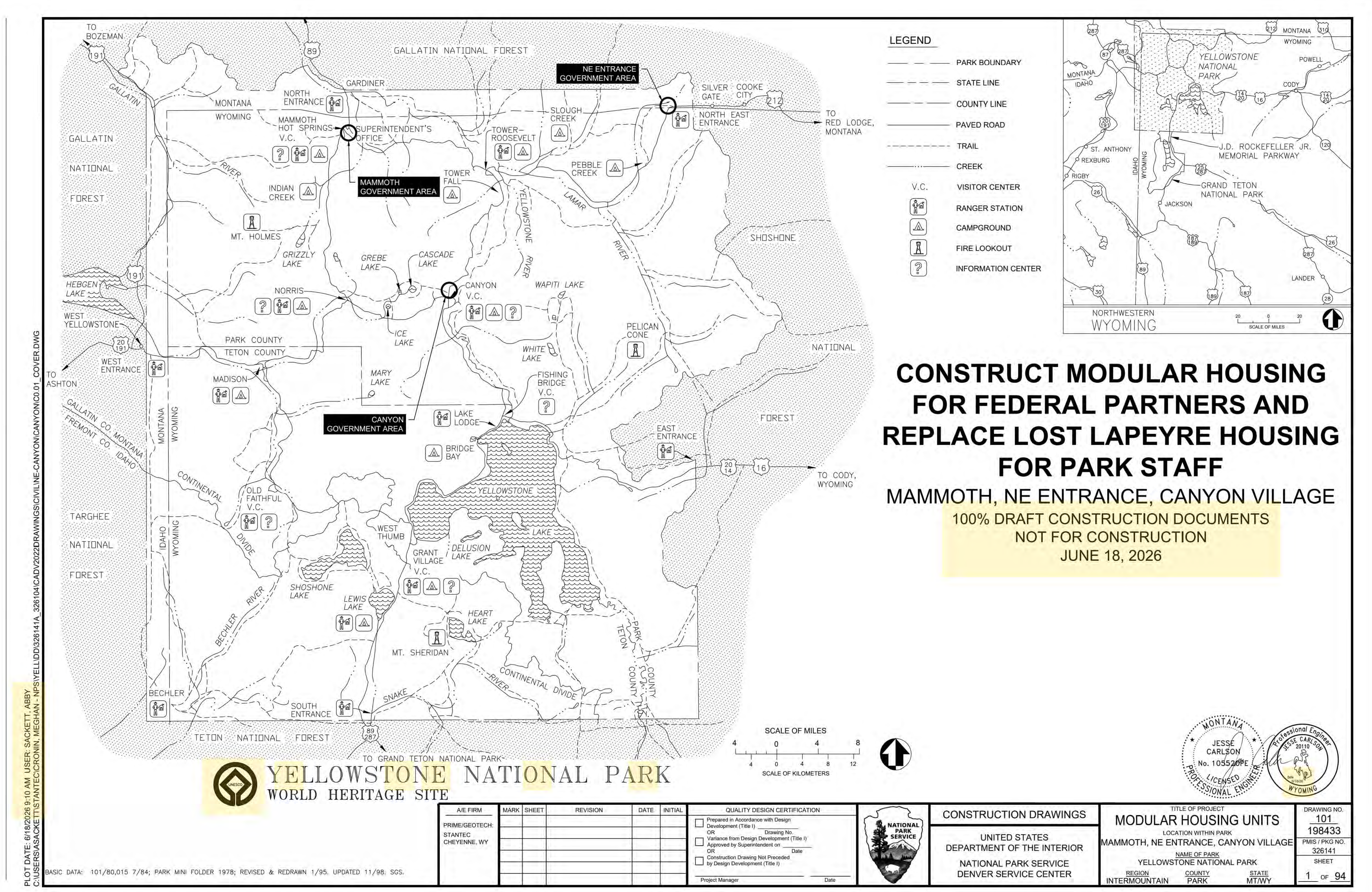
VERSION A



TO BOZEMAN
GALLATIN NATIONAL FOREST
GARDINER
NORTH ENTRANCE
MONTANA
WYOMING
MAMMOTH HOT SPRINGS V.C.
SUPERINTENDENT'S OFFICE
NE ENTRANCE GOVERNMENT AREA
SILVER GATE
COOKE CITY
NORTH EAST ENTRANCE
TO RED LODGE, MONTANA
TOWER-ROOSEVELT
SLOUGH CREEK
PEBBLE CREEK
TOWER FALL
MAMMOTH GOVERNMENT AREA
INDIAN CREEK
MT. HOLMES
GRIZZLY LAKE
GREBE LAKE
CASCADE LAKE
CANYON V.C.
NORRIS
WAPITI LAKE
HEBGEN LAKE
WEST YELLOWSTONE
ICE LAKE
PELICAN CONE
SHOSHONE
NATIONAL
PARK COUNTY
TETON COUNTY
WEST ENTRANCE
TO ASHTON
MADISON
MARY LAKE
WHITE LAKE
FISHING BRIDGE V.C.
CANYON GOVERNMENT AREA
LAKE LODGE
BRIDGE BAY
EAST ENTRANCE
FOREST
TO CODY, WYOMING
GALLATIN NATIONAL FOREST
TARGHEE NATIONAL FOREST
OLD FAITHFUL V.C.
WEST THUMB
YELLOWSTONE LAKE
GRANT VILLAGE V.C.
DELUSION LAKE
SHOSHONE LAKE
LEWIS LAKE
HEART LAKE
MT. SHERIDAN
BECHLER
SOUTH ENTRANCE
TETON NATIONAL FOREST
TO GRAND TETON NATIONAL PARK
SCALE OF MILES
SCALE OF KILOMETERS
YELLOWSTONE NATIONAL PARK
POWELL
CODY
ST. ANTHONY
REXBURG
RIGBY
J.D. ROCKEFELLER JR. MEMORIAL PARKWAY
GRAND TETON NATIONAL PARK
JACKSON
LANDER
NORTHWESTERN WYOMING
SCALE OF MILES

LEGEND

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

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

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

PLOT DATE: 6/18/2026 9:10 AM USER: SACKETT, ABBY
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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

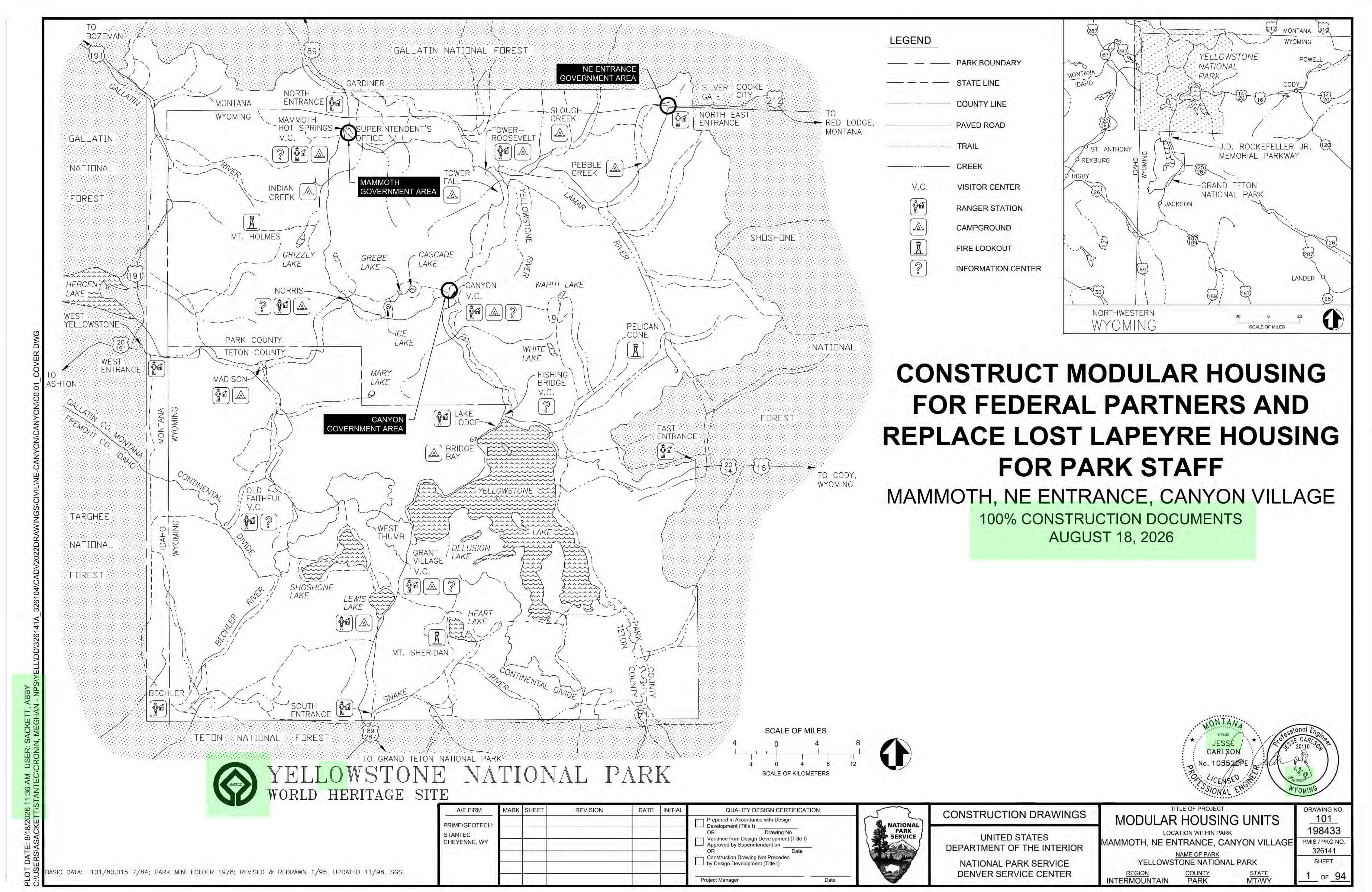
NATIONAL PARK SERVICE
DENVER SERVICE CENTER

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

REGION	COUNTY	STATE
INTERMOUNTAIN	PARK	MT/WY

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

VERSION B



TO BOZEMAN
GALLATIN NATIONAL FOREST
GARDINER
NORTH ENTRANCE
MONTANA
WYOMING
MAMMOTH HOT SPRINGS V.C.
SUPERINTENDENT'S OFFICE
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CONSTRUCT MODULAR HOUSING FOR FEDERAL PARTNERS AND REPLACE LOST LAPEYRE HOUSING FOR PARK STAFF

MAMMOTH, NE ENTRANCE, CANYON VILLAGE

100% CONSTRUCTION DOCUMENTS
AUGUST 18, 2026

YELLOWSTONE NATIONAL PARK
WORLD HERITAGE SITE

MONTANA LICENSED PROFESSIONAL ENGINEER
8/18/26
JESSE CARLSON
No. 105520PE

Professional Engineer
JESSE CARLSON
20110
Date 8/18/26
WYOMING

PLOT DATE: 8/18/2026 11:36 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\CANYON\CANYON\C0.01_COVER.DWG

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

QUALITY DESIGN CERTIFICATION

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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	COUNTY	STATE
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DRAWING NO.
101
198433
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SHEET
1 OF 94

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IDENTICAL

PLOT DATE: 6/18/2026 9:10 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C1.01_NOTES.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)

JESSE CARLSON No. 105520PE

JESSE CARLSON 20110 Date 6/18/26

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	C1.01	NOTES YELLOWSTONE NATIONAL PARK	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\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C1.01_NOTES.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)

JESSE CARLSON No. 105520PE

JESSE CARLSON 20110 Date 6/18/26

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

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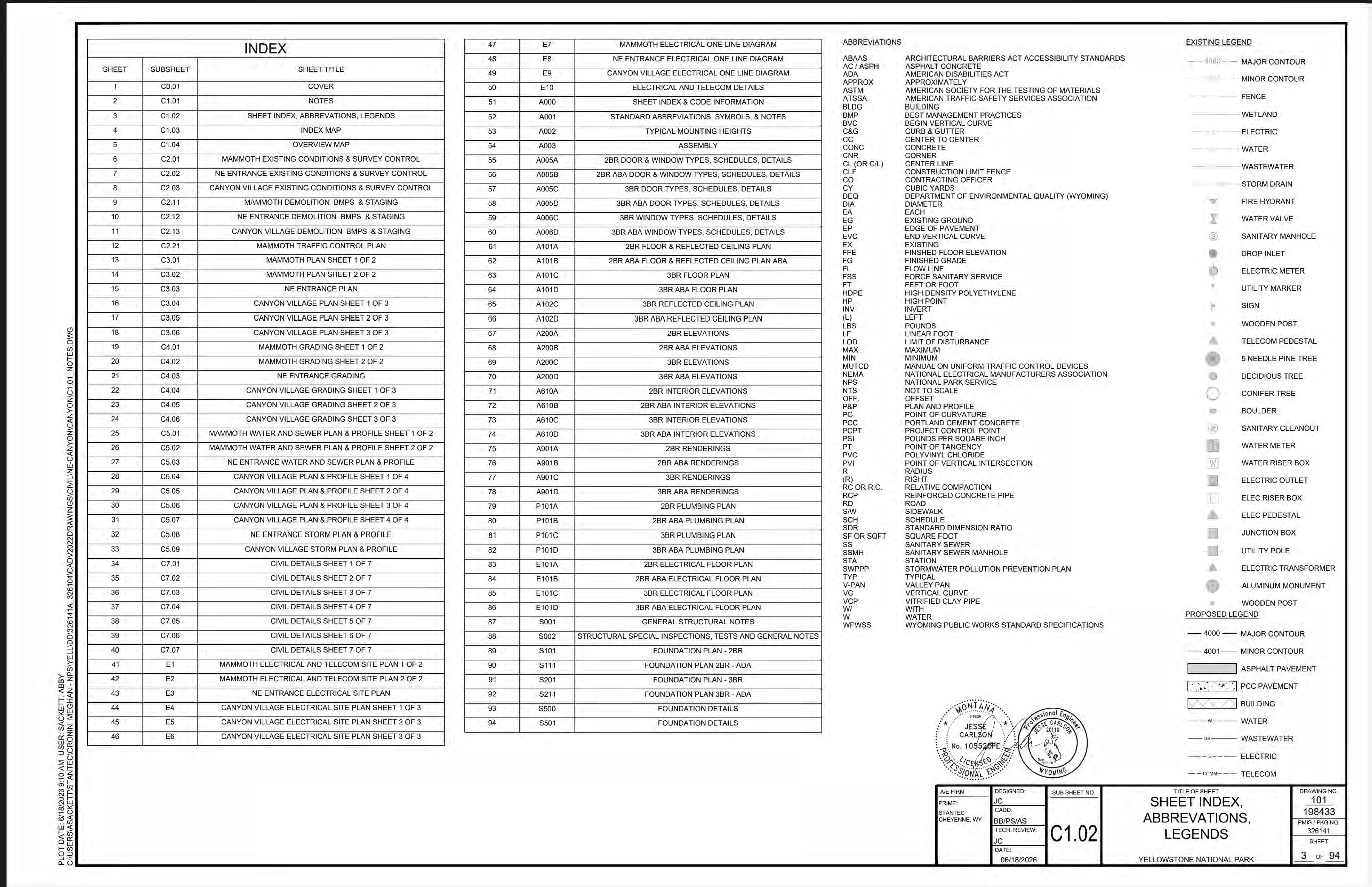

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ABBREVIATIONS

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
- W WATER RISER BOX
- ■ ELECTRIC OUTLET
- E ELEC RISER BOX
- ▲ ELEC PEDESTAL
- ■ JUNCTION BOX
- UTILITY POLE
- ▲ ELECTRIC TRANSFORMER
- ALUMINUM MONUMENT
- WOODEN POST

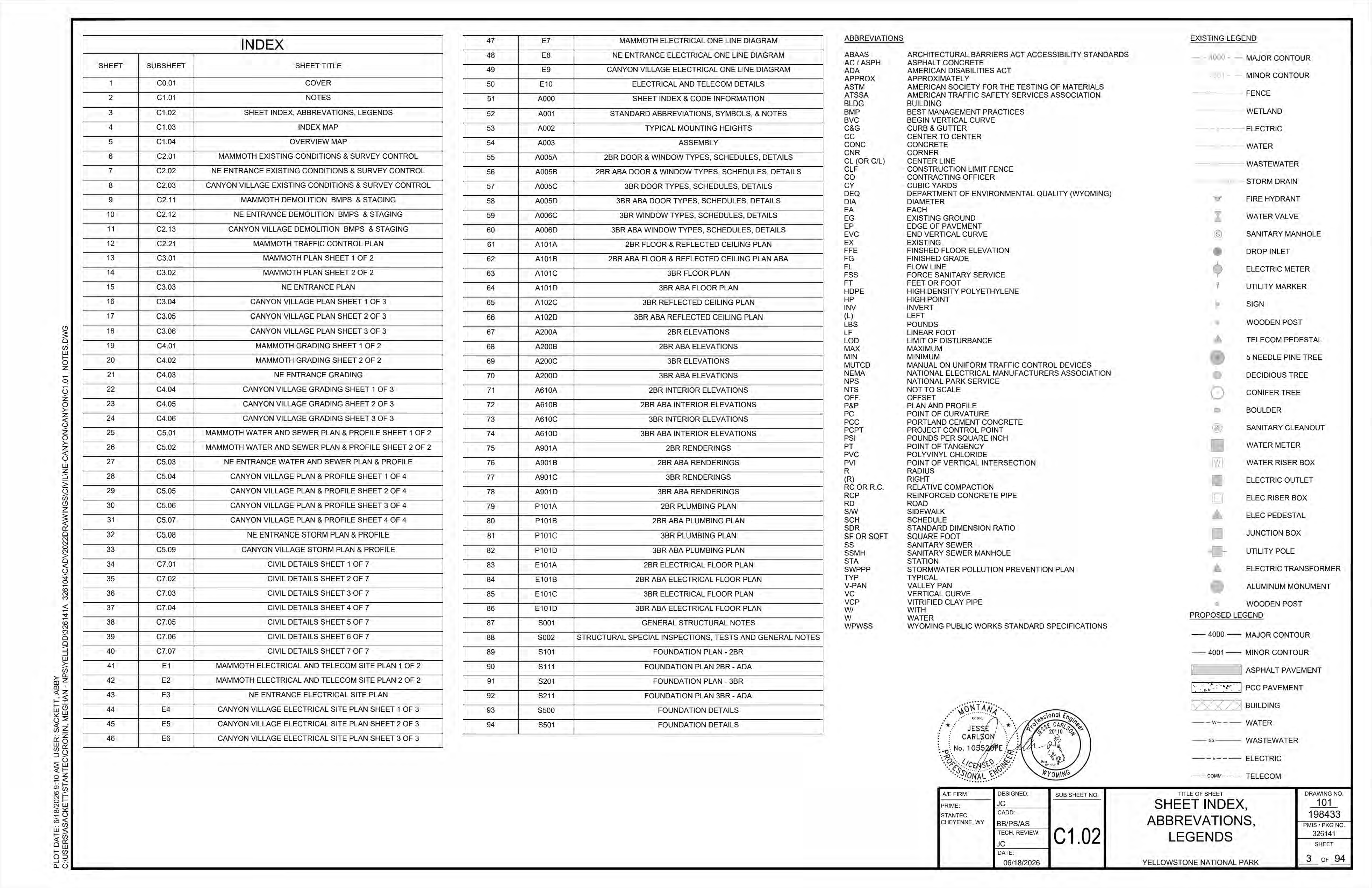
PROPOSED LEGEND

- —— 4000 —— MAJOR CONTOUR
- —— 4001 —— MINOR CONTOUR
- ▨ ASPHALT PAVEMENT
- ▨ PCC PAVEMENT
- ▨ BUILDING
- —— W —— WATER
- —— SS —— WASTEWATER
- —— E —— ELECTRIC
- —— COMM —— 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	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	C1.02	SHEET INDEX, ABBREVATIONS, LEGENDS YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 3 OF 94



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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
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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
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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
- W WATER RISER BOX
- ■ ELECTRIC OUTLET
- E 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
- —— W —— WATER
- —— SS —— WASTEWATER
- —— E —— ELECTRIC
- —— COMM —— TELECOM

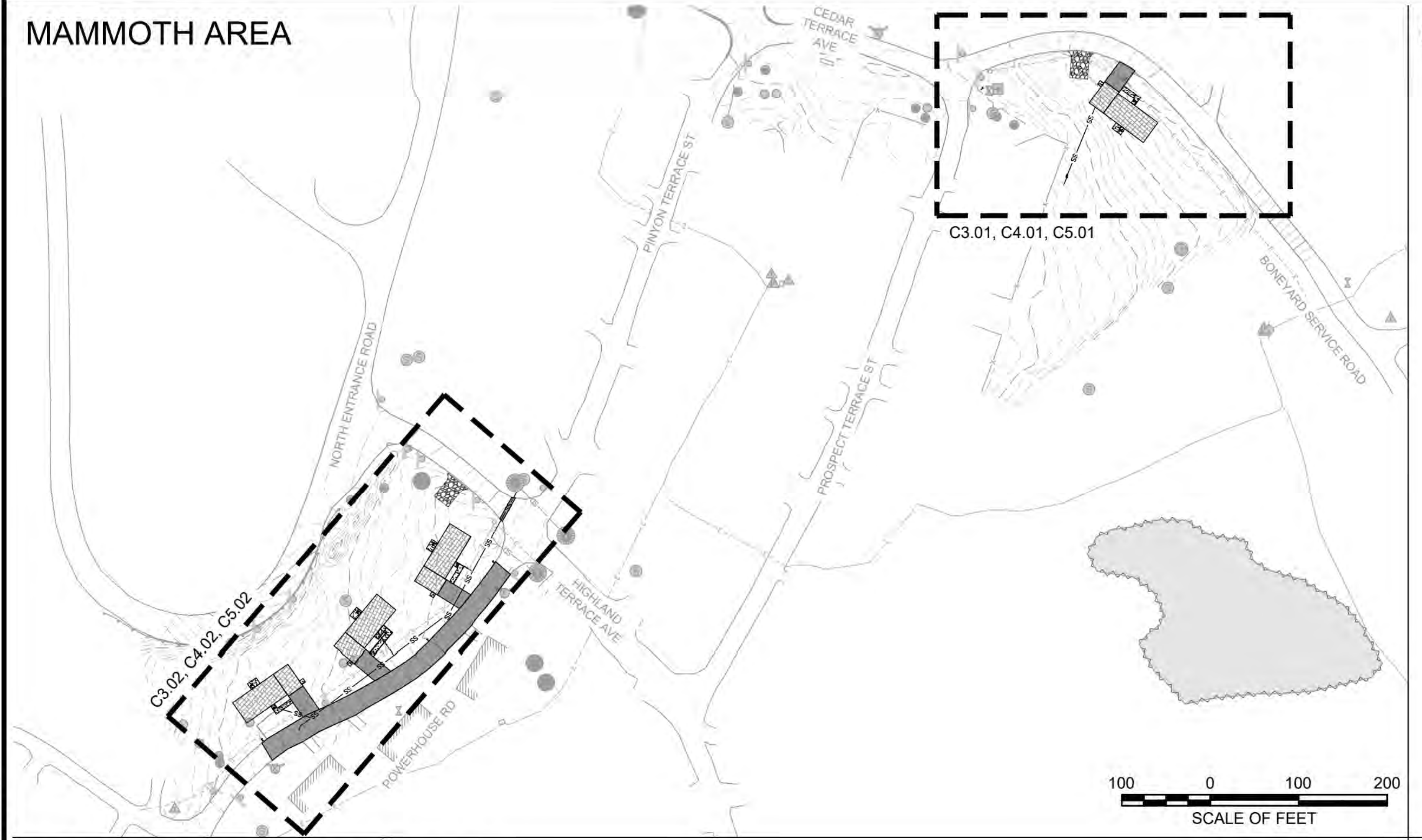
MONTANA
6/18/26
JESSE CARLSON
No. 105520PE
LICENSED PROFESSIONAL ENGINEER

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

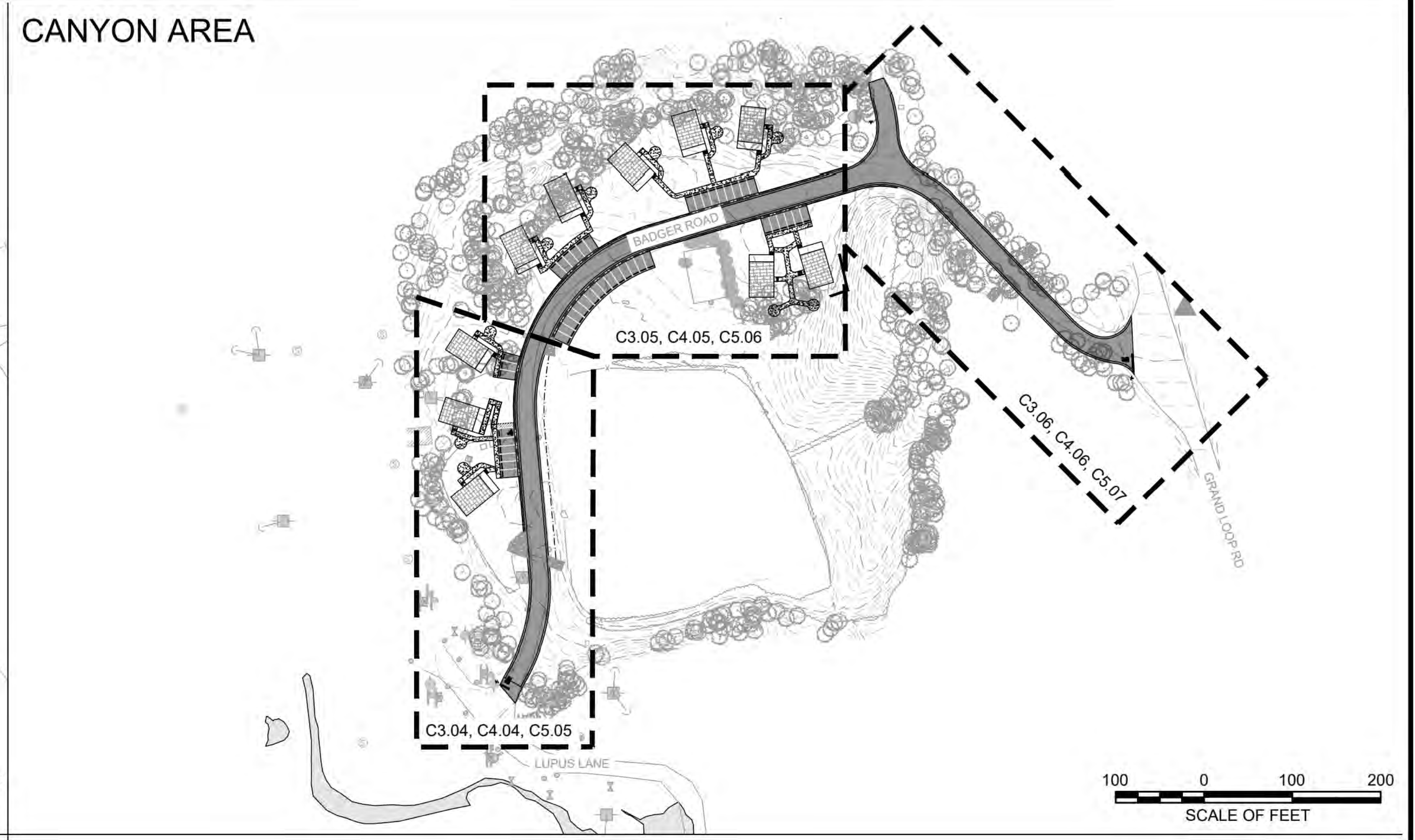
A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	C1.02	SHEET INDEX, ABBREVATIONS, LEGENDS YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 3 OF 94

IDENTICAL

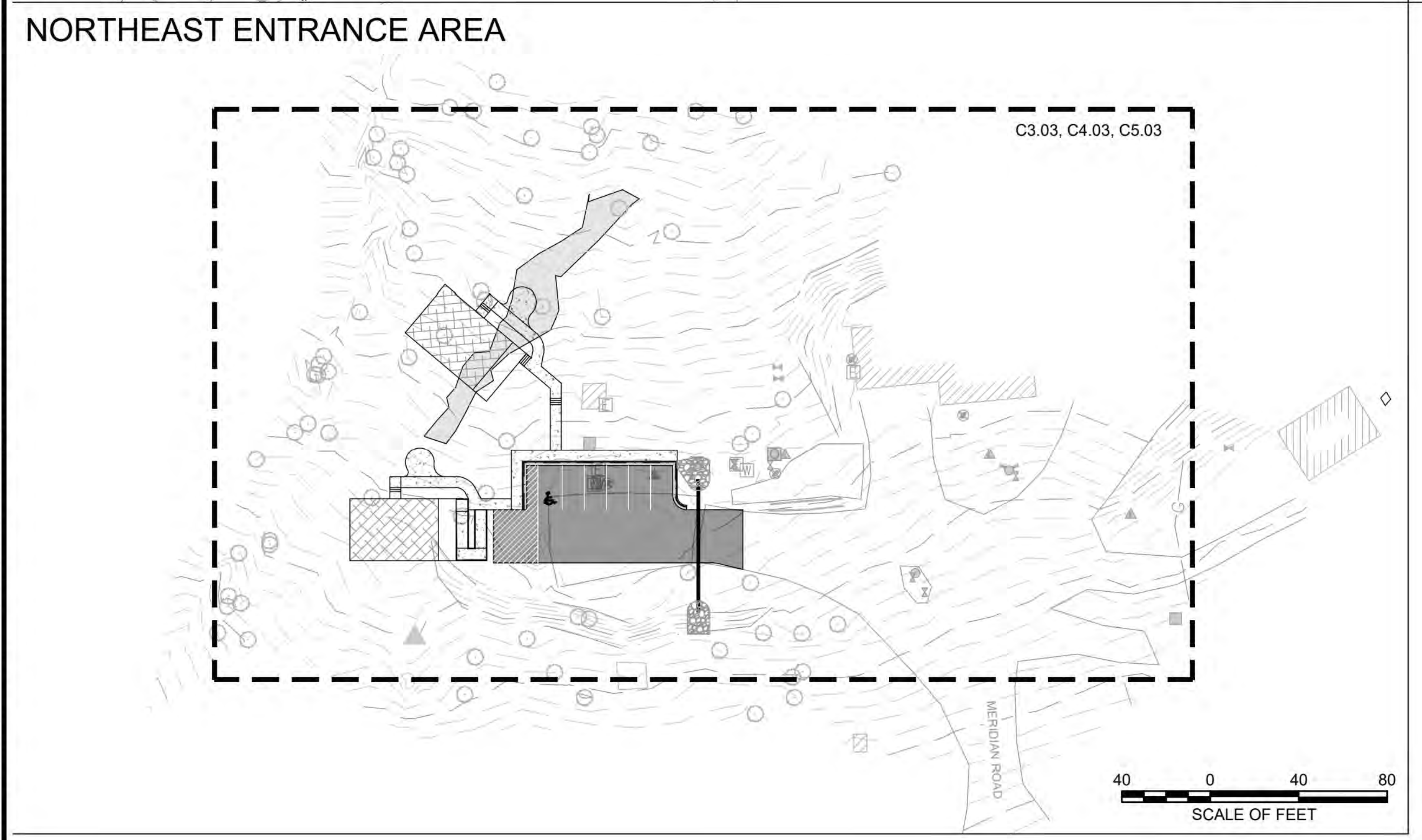
MAMMOTH AREA



CANYON AREA



NORTHEAST ENTRANCE AREA



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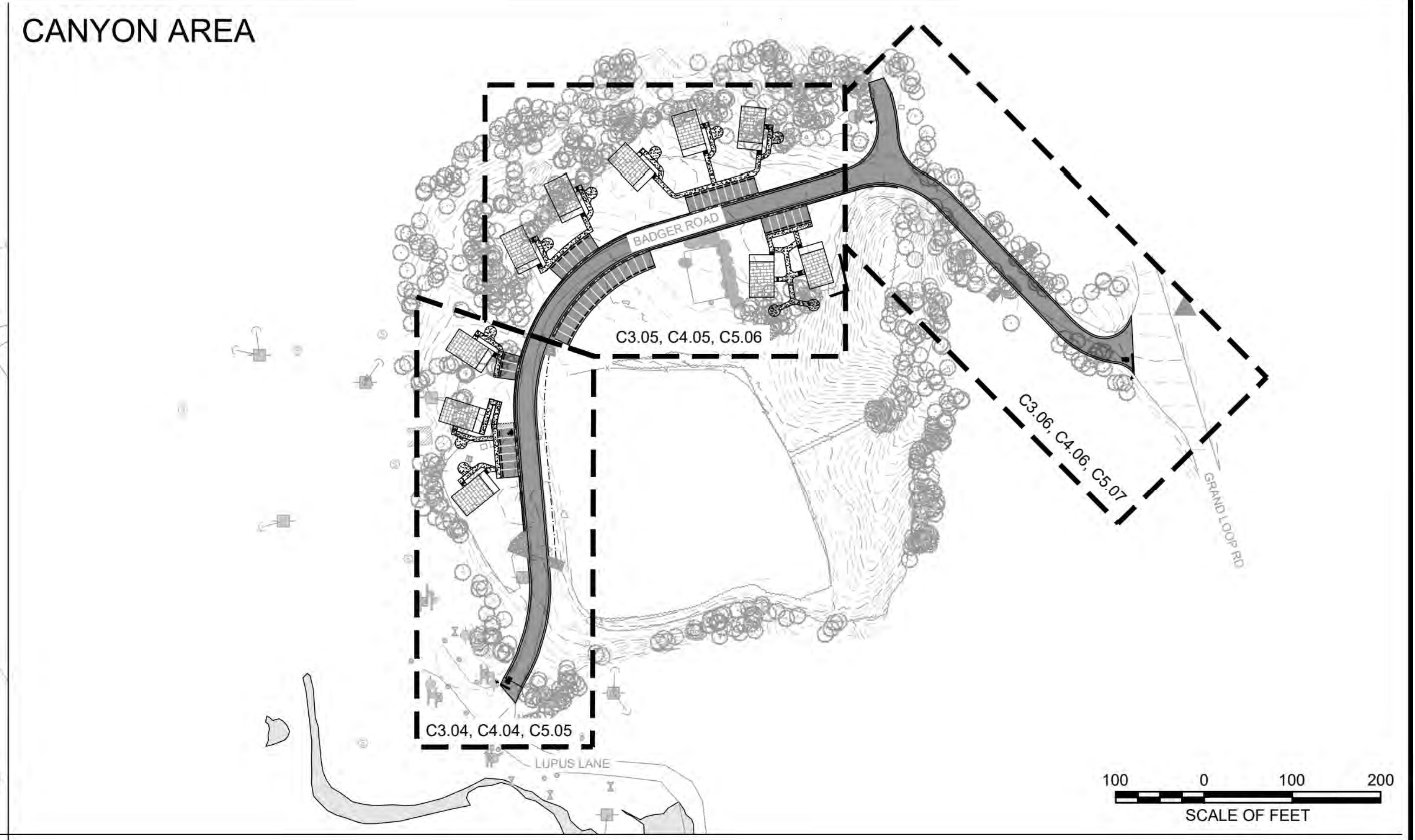
MONTANA
6/26/26
JESSE CARLSON
No. 105520PE
LICENSED PROFESSIONAL ENGINEER

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

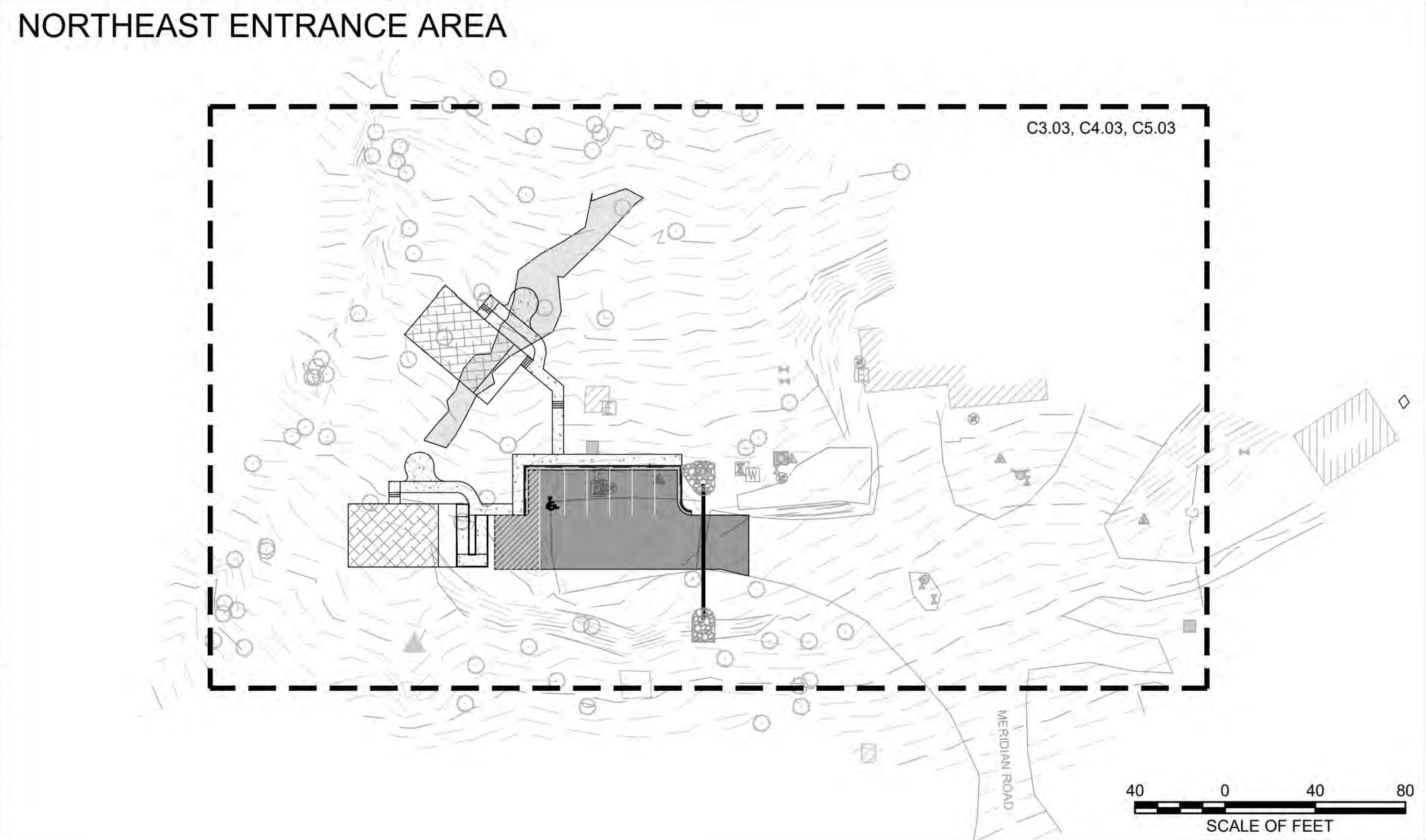
A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	C1.03	INDEX MAP YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 4 OF 94

MAMMOTH AREA

CANYON AREA



NORTHEAST ENTRANCE AREA



PLOT DATE: 6/26/2026 11:21 AM USER: SACKETT, ABBY
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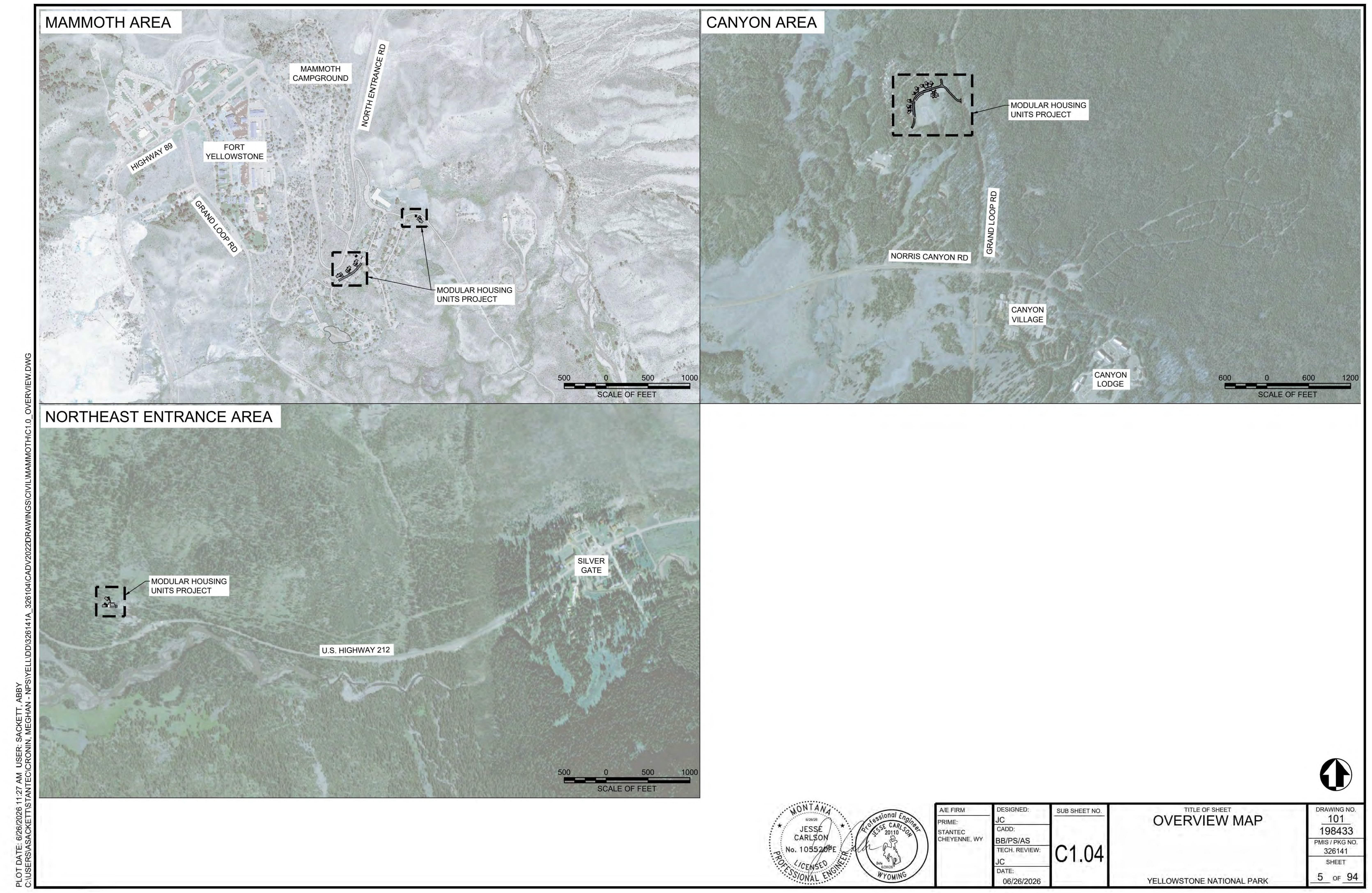
MONTANA
JESSE CARLSON
No. 105520PE
LICENSED PROFESSIONAL ENGINEER

Professional Engineer
JESSE CARLSON
20110
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

DELTADOCS

IDENTICAL


MAMMOTH AREA
MAMMOTH CAMPGROUND
NORTH ENTRANCE RD
HIGHWAY 89
FORT YELLOWSTONE
GRAND LOOP RD
MODULAR HOUSING UNITS PROJECT
500 0 500 1000
SCALE OF FEET
CANYON AREA
MODULAR HOUSING UNITS PROJECT
GRAND LOOP RD
NORRIS CANYON RD
CANYON VILLAGE
CANYON LODGE
600 0 600 1200
SCALE OF FEET
NORTHEAST ENTRANCE AREA
MODULAR HOUSING UNITS PROJECT
SILVER GATE
U.S. HIGHWAY 212
500 0 500 1000
SCALE OF FEET
PLOT DATE: 6/26/2026 11:27 AM USER: SACKETT, ABBY
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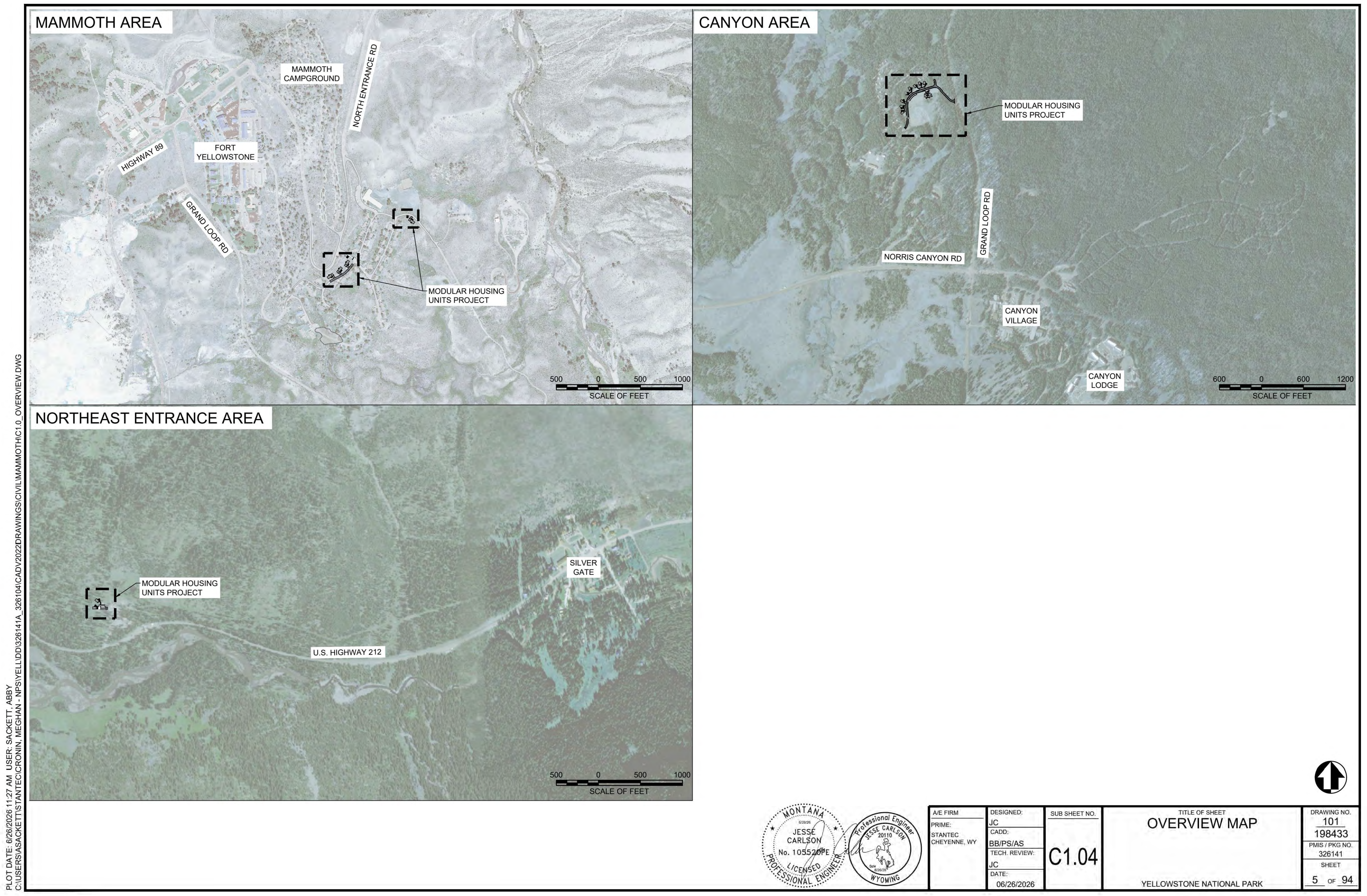
JESSE CARLSON
No. 105520PE
A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY
DESIGNED:
JC
CADD:
BB/PS/AS
TECH. REVIEW:
JC
DATE:
06/26/2026
SUB SHEET NO.
C1.04
TITLE OF SHEET
OVERVIEW MAP
YELLOWSTONE NATIONAL PARK
DRAWING NO.
101
198433
PMIS / PKG NO.
326141
SHEET
5 OF 94


MAMMOTH AREA
MAMMOTH CAMPGROUND
NORTH ENTRANCE RD
HIGHWAY 89
FORT YELLOWSTONE
GRAND LOOP RD
MODULAR HOUSING UNITS PROJECT
500 0 500 1000
SCALE OF FEET
CANYON AREA
MODULAR HOUSING UNITS PROJECT
GRAND LOOP RD
NORRIS CANYON RD
CANYON VILLAGE
CANYON LODGE
600 0 600 1200
SCALE OF FEET
NORTHEAST ENTRANCE AREA
MODULAR HOUSING UNITS PROJECT
SILVER GATE
U.S. HIGHWAY 212
500 0 500 1000
SCALE OF FEET
PLOT DATE: 6/26/2026 11:27 AM USER: SACKETT, ABBY
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JESSE CARLSON
No. 105520PE
A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY
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JC
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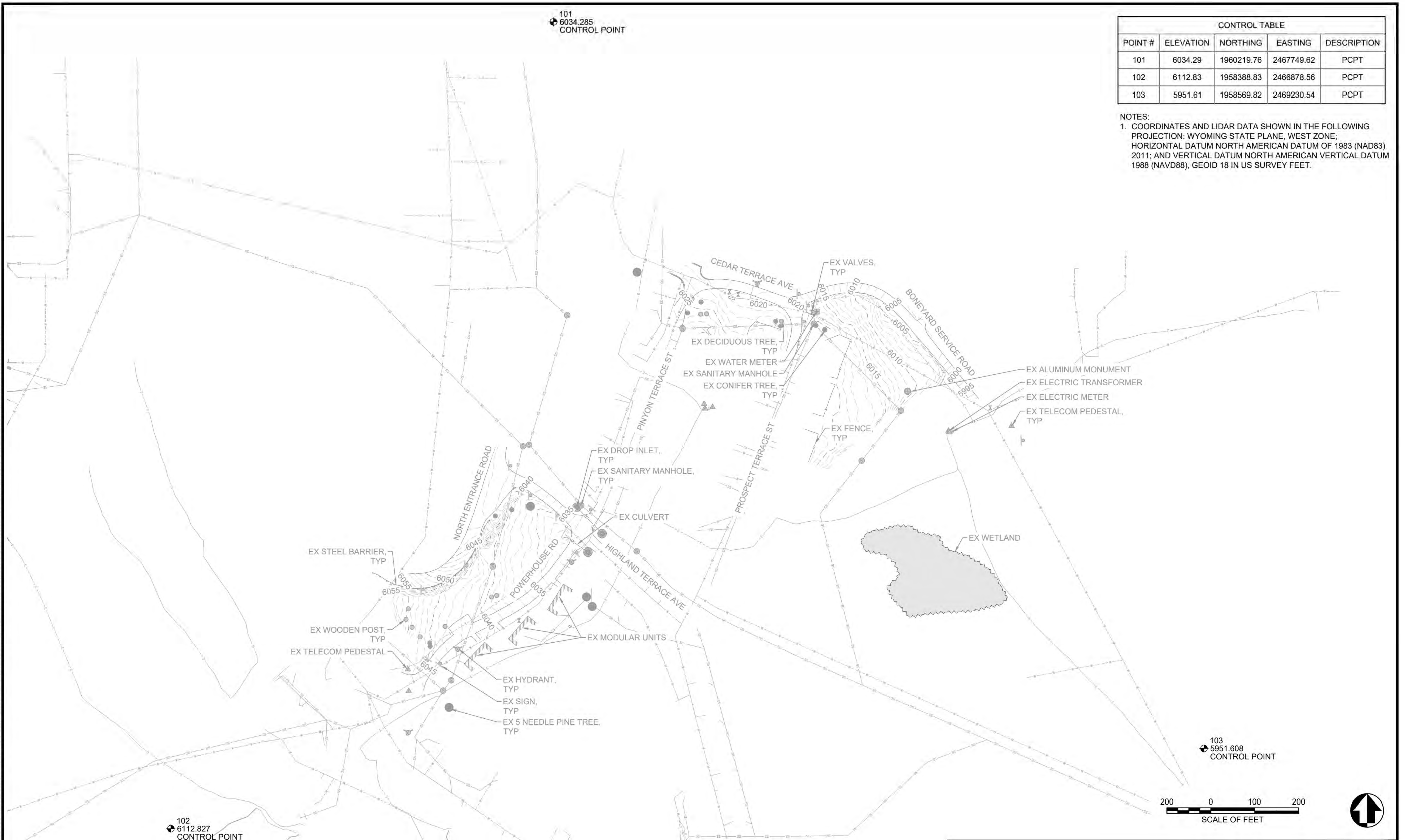
06/26/2026
SUB SHEET NO.
C1.04
TITLE OF SHEET
OVERVIEW MAP
YELLOWSTONE NATIONAL PARK
DRAWING NO.
101
198433
PMIS / PKG NO.
326141
SHEET
5 OF 94

IDENTICAL



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.

JESSE CARLSON
20110
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.
C2.01

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
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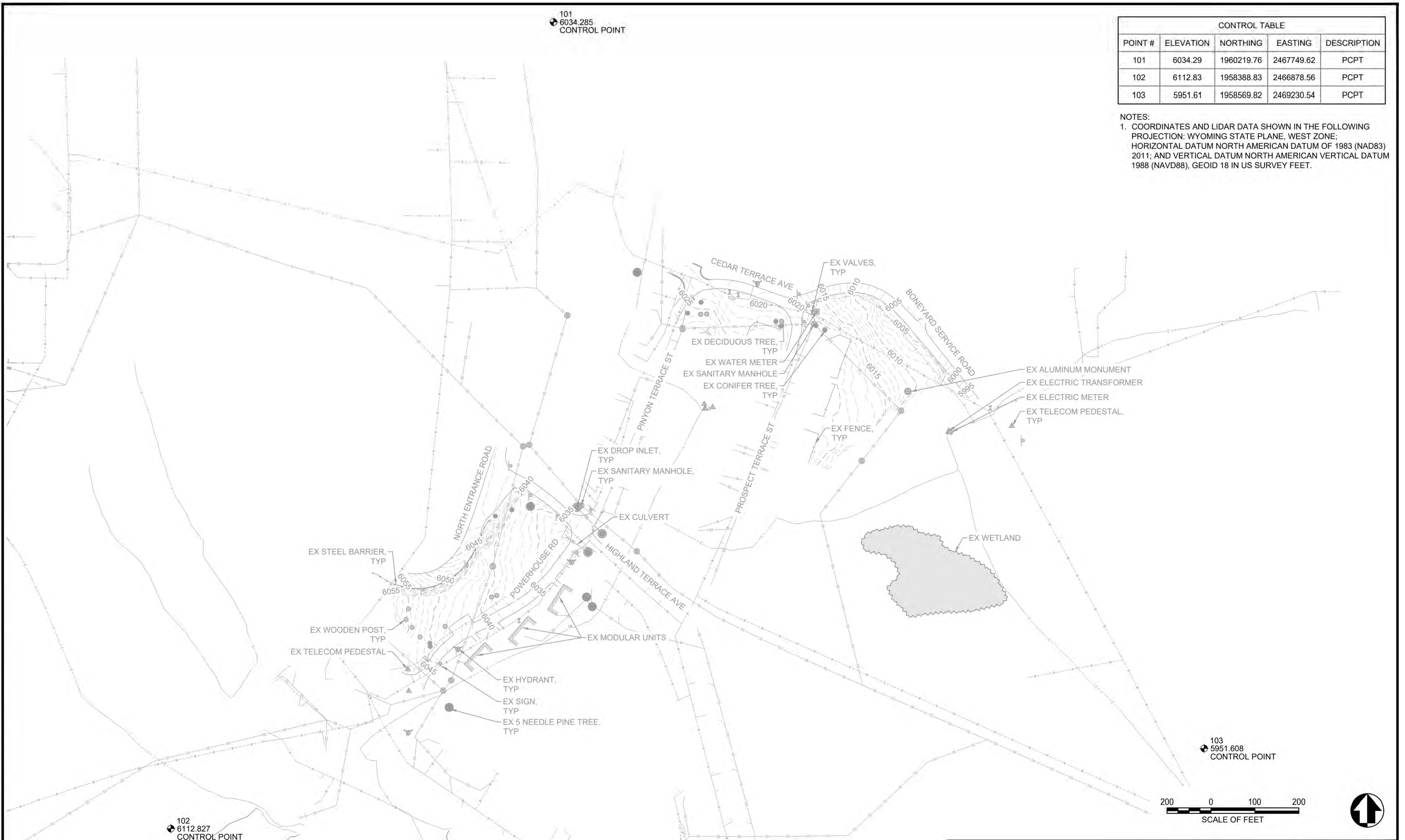

CONTROL TABLE

POINT #	ELEVATION	NORTHING	EASTING	DESCRIPTION
101	6034.29	1960219.76	2467749.62	PCPT
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NOTES:

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JESSE CARLSON
20110
Date 6/18/26

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED:
JC
CADD:
BB/PS/AS
TECH. REVIEW:
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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
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IDENTICAL

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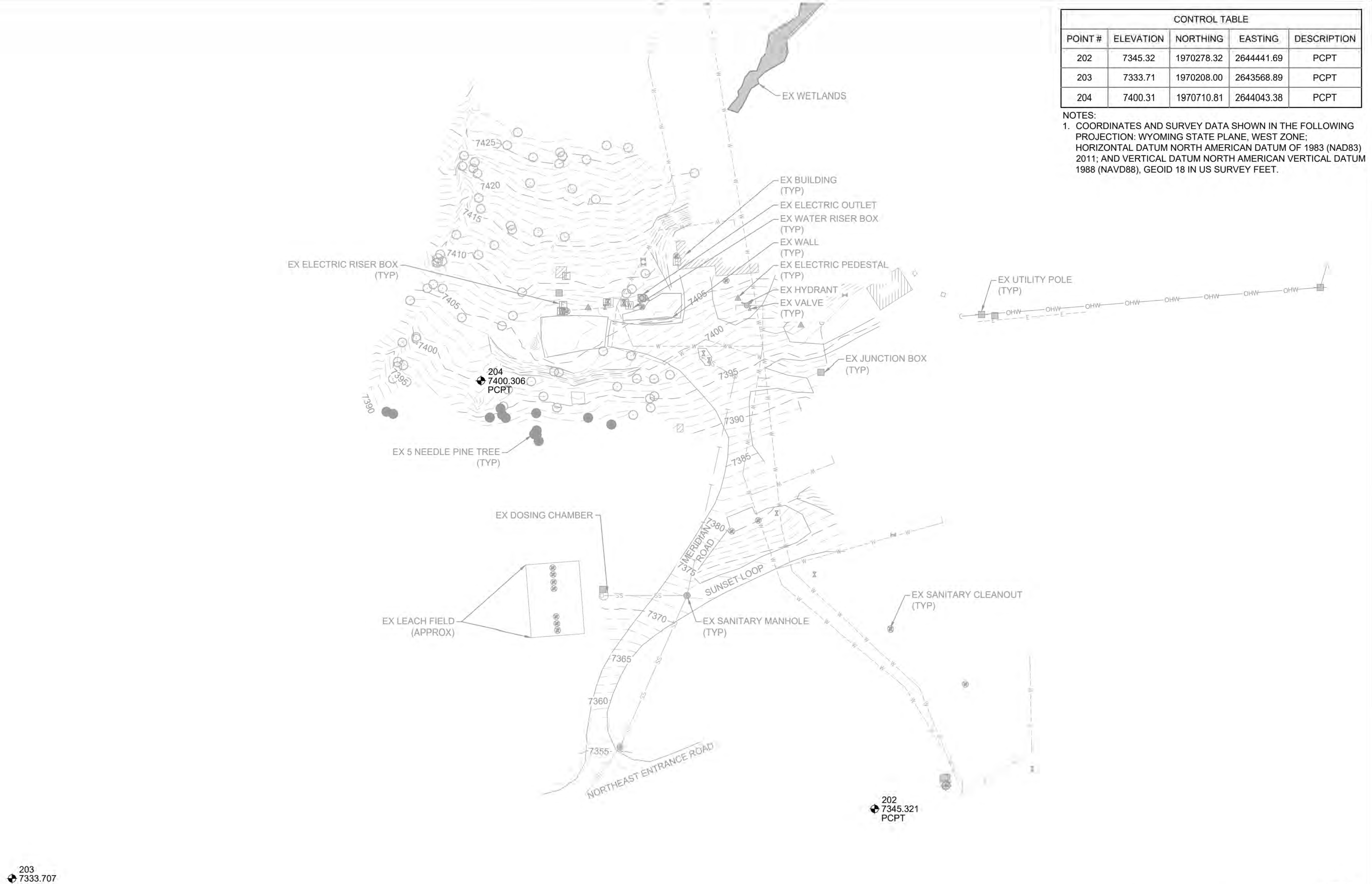

CONTROL TABLE				
POINT #	ELEVATION	NORTHING	EASTING	DESCRIPTION
202	7345.32	1970278.32	2644441.69	PCPT
203	7333.71	1970208.00	2643568.89	PCPT
204	7400.31	1970710.81	2644043.38	PCPT

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
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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

IDENTICAL

PLOT DATE: 6/18/2026 2:13 PM USER: SACKETT, ABBY
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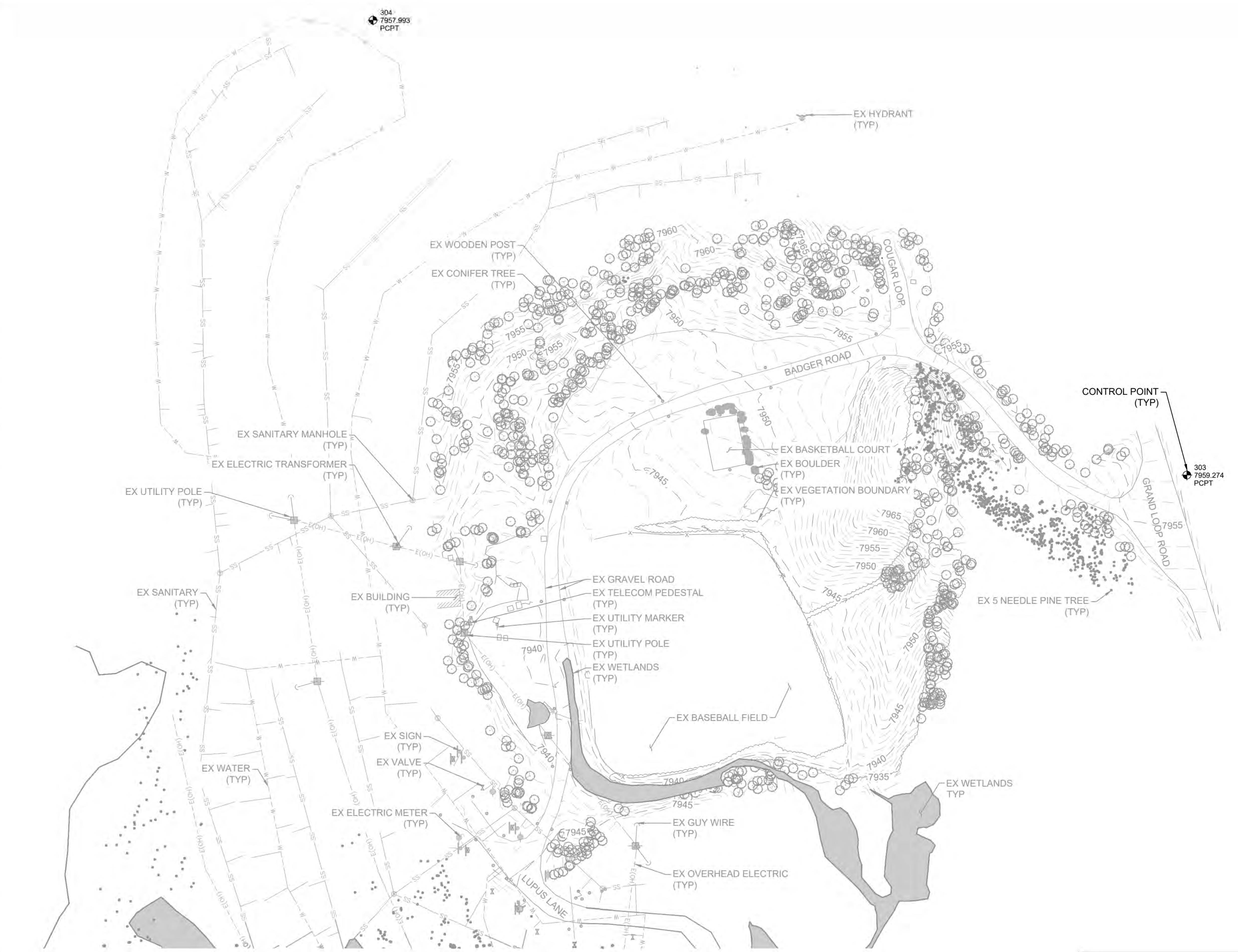

CONTROL TABLE

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
Date 6/18/26
WYOMING

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

PLOT DATE: 6/18/2026 2:13 PM USER: SACKETT, ABBY
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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

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

PLOT DATE: 6/18/2026 2:13 PM USER: SACKETT, ABBY
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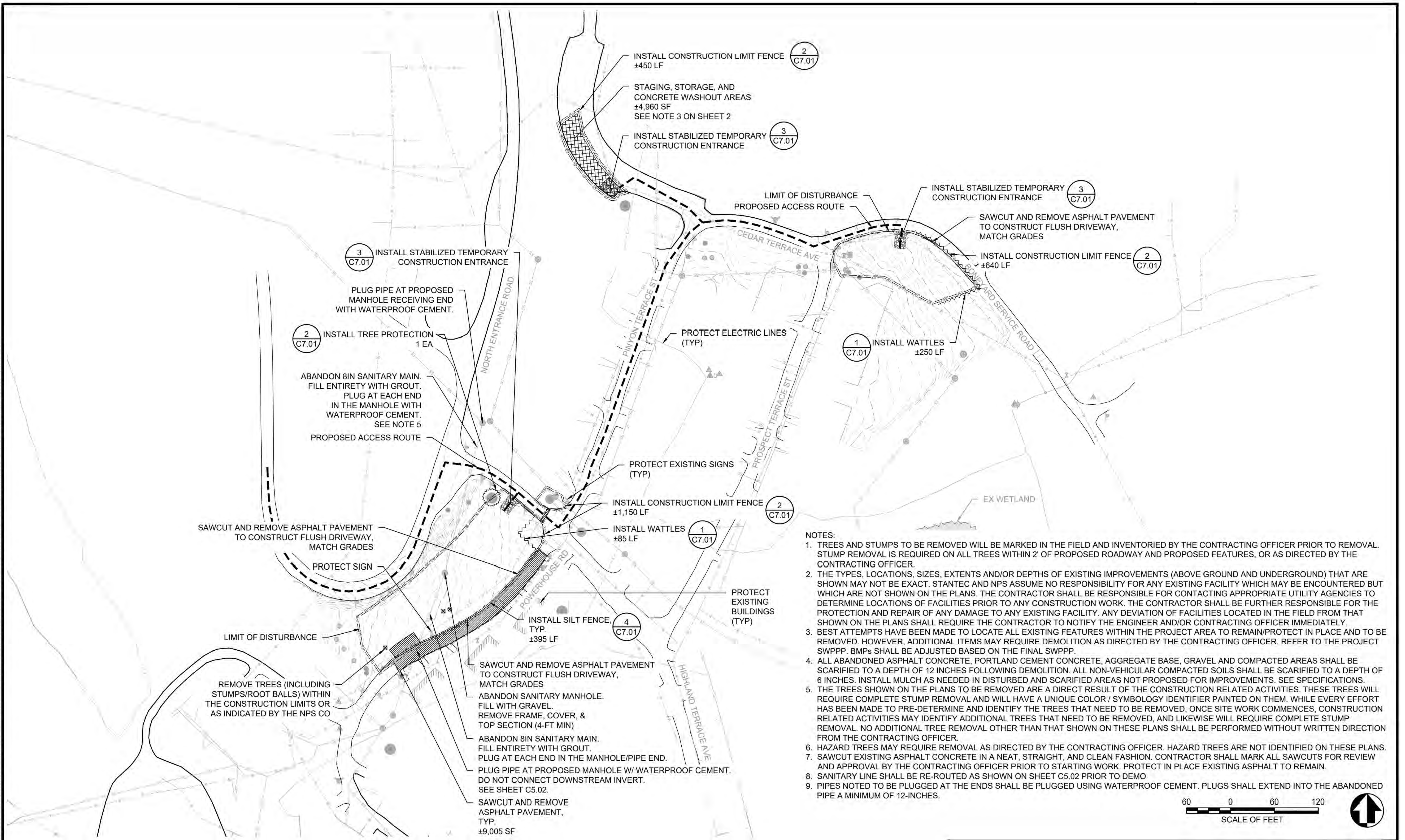

INSTALL CONSTRUCTION LIMIT FENCE ±450 LF 2/C7.01
STAGING, STORAGE, AND CONCRETE WASHOUT AREAS ±4,960 SF SEE NOTE 3 ON SHEET 2
INSTALL STABILIZED TEMPORARY CONSTRUCTION ENTRANCE 3/C7.01
LIMIT OF DISTURBANCE
PROPOSED ACCESS ROUTE
INSTALL STABILIZED TEMPORARY CONSTRUCTION ENTRANCE 3/C7.01
SAWCUT AND REMOVE ASPHALT PAVEMENT TO CONSTRUCT FLUSH DRIVEWAY, MATCH GRADES
INSTALL CONSTRUCTION LIMIT FENCE ±640 LF 2/C7.01
CEDAR TERRACE AVE
BONEYARD SERVICE ROAD
3/C7.01 INSTALL STABILIZED TEMPORARY CONSTRUCTION ENTRANCE
PLUG PIPE AT PROPOSED MANHOLE RECEIVING END WITH WATERPROOF CEMENT.
2/C7.01 INSTALL TREE PROTECTION 1 EA
NORTH ENTRANCE ROAD
PINYON TERRACE ST
PROTECT ELECTRIC LINES (TYP)
1/C7.01 INSTALL WATTLES ±250 LF
ABANDON 8IN SANITARY MAIN. FILL ENTIRETY WITH GROUT. PLUG AT EACH END IN THE MANHOLE WITH WATERPROOF CEMENT. SEE NOTE 5
PROPOSED ACCESS ROUTE
PROSPECT TERRACE ST
PROTECT EXISTING SIGNS (TYP)
INSTALL CONSTRUCTION LIMIT FENCE ±1,150 LF 2/C7.01
EX WETLAND
INSTALL WATTLES ±85 LF 1/C7.01
SAWCUT AND REMOVE ASPHALT PAVEMENT TO CONSTRUCT FLUSH DRIVEWAY, MATCH GRADES
PROTECT SIGN
POWERHOUSE RD
PROTECT EXISTING BUILDINGS (TYP)
INSTALL SILT FENCE, TYP. ±395 LF 4/C7.01
LIMIT OF DISTURBANCE
HIGHLAND TERRACE AVE
REMOVE TREES (INCLUDING STUMPS/ROOT BALLS) WITHIN THE CONSTRUCTION LIMITS OR AS INDICATED BY THE NPS CO
SAWCUT AND REMOVE ASPHALT PAVEMENT TO CONSTRUCT FLUSH DRIVEWAY, MATCH GRADES
ABANDON SANITARY MANHOLE. FILL WITH GRAVEL. REMOVE FRAME, COVER, & TOP SECTION (4-FT MIN)
ABANDON 8IN SANITARY MAIN. FILL ENTIRETY WITH GROUT. PLUG AT EACH END IN THE MANHOLE/PIPE END.
PLUG PIPE AT PROPOSED MANHOLE W/ WATERPROOF CEMENT. DO NOT CONNECT DOWNSTREAM INVERT. SEE SHEET C5.02.
SAWCUT AND REMOVE ASPHALT PAVEMENT, TYP. ±9,005 SF
60 0 60 120
SCALE OF FEET

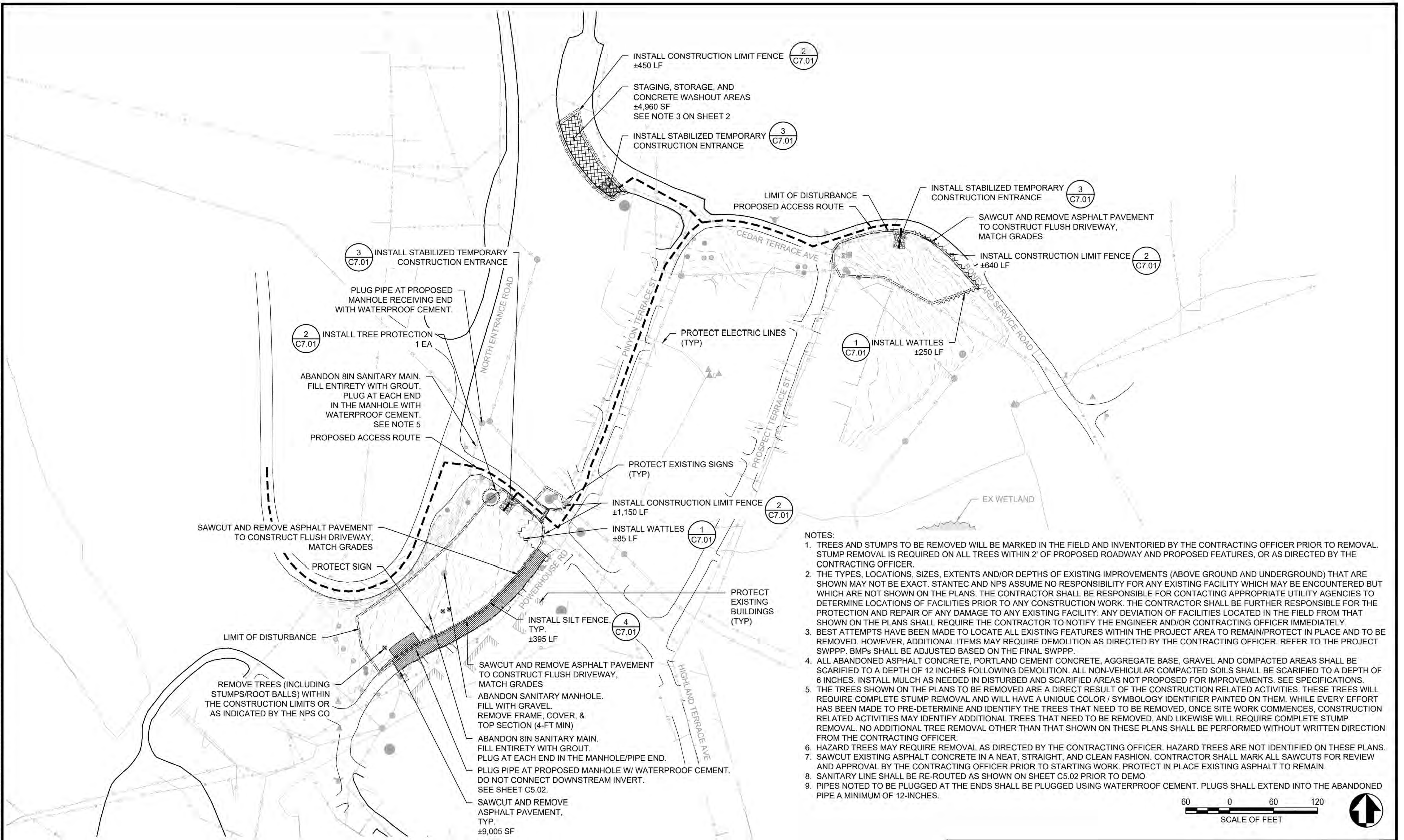
NOTES:

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.

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

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



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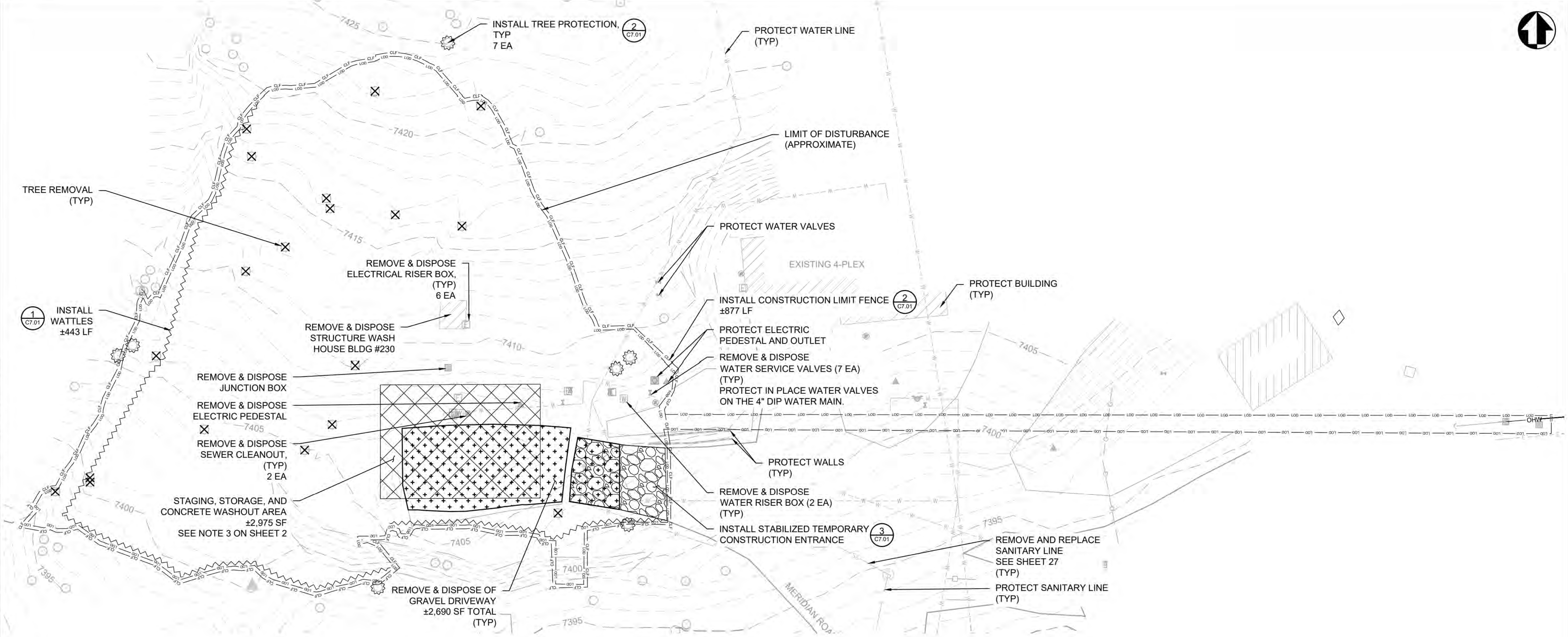
8. SANITARY LINE SHALL BE RE-ROUTED AS SHOWN ON SHEET C5.02 PRIOR TO DEMO
9. PIPES NOTED TO BE PLUGGED AT THE ENDS SHALL BE PLUGGED USING WATERPROOF CEMENT. PLUGS SHALL EXTEND INTO THE ABANDONED PIPE A MINIMUM OF 12-INCHES.

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

A/E FIRM | DESIGNED: | SUB SHEET NO. | TITLE OF SHEET | DRAWING NO.
PRIME: STANTEC CHEYENNE, WY | JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026 | C2.11 | MAMMOTH DEMOLITION BMPS & STAGING YELLOWSTONE NATIONAL PARK | 101 198433 PMIS / PKG NO. 326141 SHEET 9 OF 94

IDENTICAL


INSTALL TREE PROTECTION, TYP 7 EA
2 C7.01
PROTECT WATER LINE (TYP)
LIMIT OF DISTURBANCE (APPROXIMATE)
TREE REMOVAL (TYP)
PROTECT WATER VALVES
EXISTING 4-PLEX
REMOVE & DISPOSE ELECTRICAL RISER BOX, (TYP) 6 EA
PROTECT BUILDING (TYP)
1 C7.01
INSTALL WATTLES ±443 LF
INSTALL CONSTRUCTION LIMIT FENCE ±877 LF
2 C7.01
REMOVE & DISPOSE STRUCTURE WASH HOUSE BLDG #230
PROTECT ELECTRIC PEDESTAL AND OUTLET
REMOVE & DISPOSE WATER SERVICE VALVES (7 EA) (TYP)
PROTECT IN PLACE WATER VALVES ON THE 4" DIP WATER MAIN.
REMOVE & DISPOSE JUNCTION BOX
REMOVE & DISPOSE ELECTRIC PEDESTAL
REMOVE & DISPOSE SEWER CLEANOUT, (TYP) 2 EA
PROTECT WALLS (TYP)
REMOVE & DISPOSE WATER RISER BOX (2 EA) (TYP)
STAGING, STORAGE, AND CONCRETE WASHOUT AREA ±2,975 SF SEE NOTE 3 ON SHEET 2
INSTALL STABILIZED TEMPORARY CONSTRUCTION ENTRANCE
3 C7.01
REMOVE AND REPLACE SANITARY LINE SEE SHEET 27 (TYP)
REMOVE & DISPOSE OF GRAVEL DRIVEWAY ±2,690 SF TOTAL (TYP)
PROTECT SANITARY LINE (TYP)
7425
7420
7415
7410
7405
7400
7395
MERIDIAN ROA
OHW
CLF
LOD

PLOT DATE: 6/18/2026 2:14 PM USER: SACKETT, ABBY
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20 0 20 40
SCALE OF FEET

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

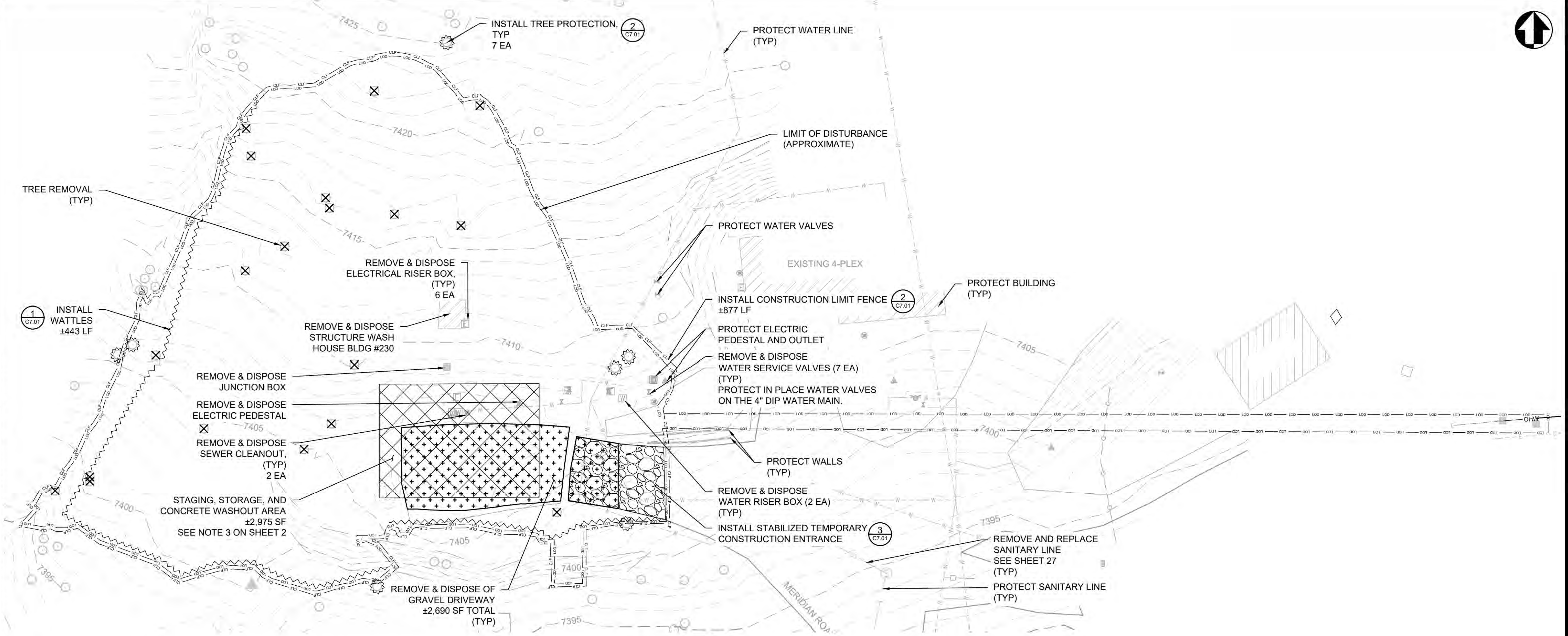
A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

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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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.
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TITLE OF SHEET
NE ENTRANCE
DEMOLITION BMPS &
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YELLOWSTONE NATIONAL PARK

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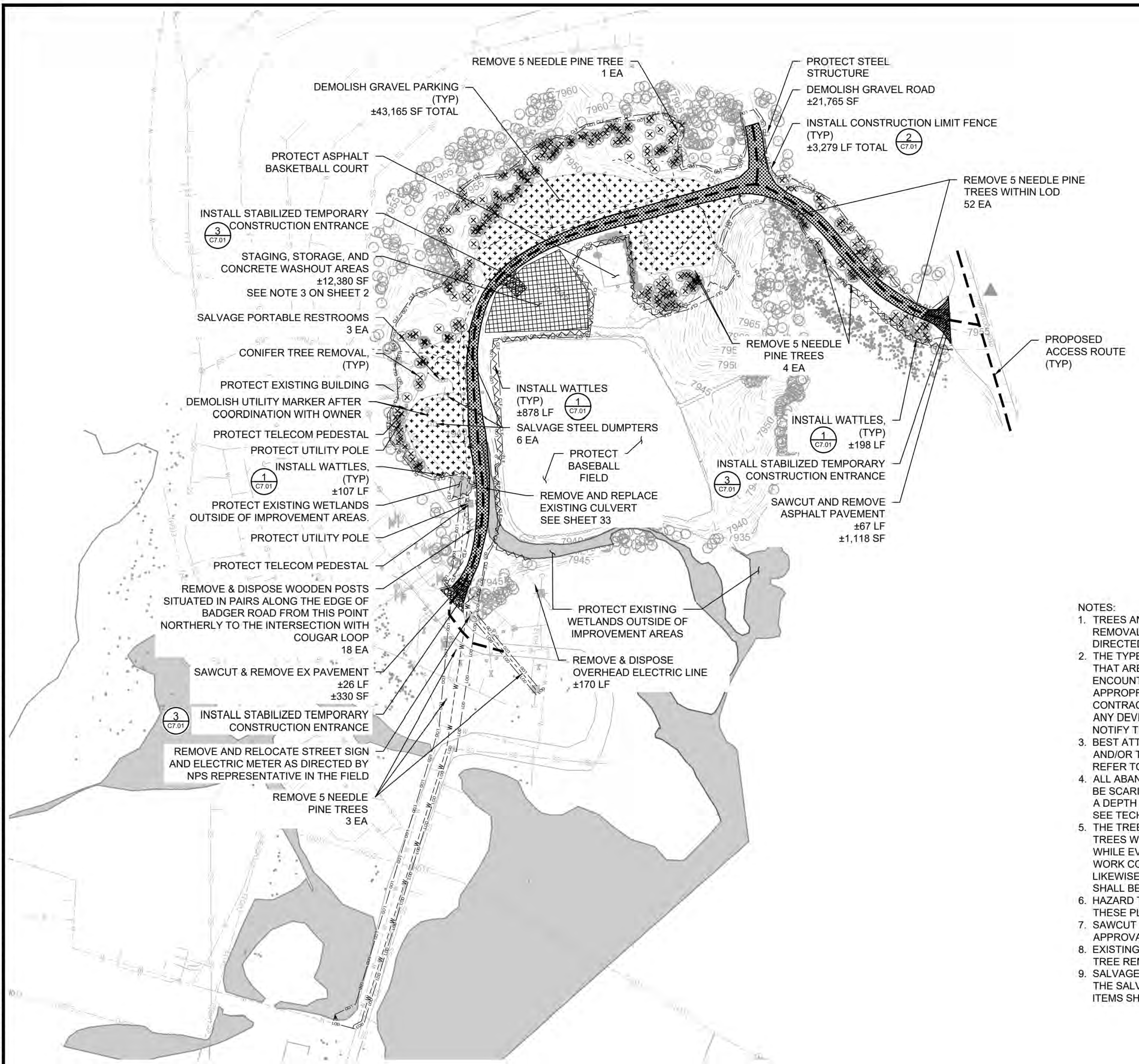
REMOVE 5 NEEDLE PINE TREE
1 EA
DEMOLISH GRAVEL PARKING
(TYP)
±43,165 SF TOTAL
PROTECT ASPHALT BASKETBALL COURT
INSTALL STABILIZED TEMPORARY CONSTRUCTION ENTRANCE
3
C7.01
STAGING, STORAGE, AND CONCRETE WASHOUT AREAS
±12,380 SF
SEE NOTE 3 ON SHEET 2
SALVAGE PORTABLE RESTROOMS
3 EA
CONIFER TREE REMOVAL,
(TYP)
PROTECT EXISTING BUILDING
DEMOLISH UTILITY MARKER AFTER COORDINATION WITH OWNER
PROTECT TELECOM PEDESTAL
PROTECT UTILITY POLE
INSTALL WATTLES,
(TYP)
±107 LF
1
C7.01
PROTECT EXISTING WETLANDS OUTSIDE OF IMPROVEMENT AREAS.
PROTECT UTILITY POLE
PROTECT TELECOM PEDESTAL
REMOVE & DISPOSE WOODEN POSTS SITUATED IN PAIRS ALONG THE EDGE OF BADGER ROAD FROM THIS POINT NORTHERLY TO THE INTERSECTION WITH COUGAR LOOP
18 EA
SAWCUT & REMOVE EX PAVEMENT
±26 LF
±330 SF
INSTALL STABILIZED TEMPORARY CONSTRUCTION ENTRANCE
3
C7.01
REMOVE AND RELOCATE STREET SIGN AND ELECTRIC METER AS DIRECTED BY NPS REPRESENTATIVE IN THE FIELD
REMOVE 5 NEEDLE PINE TREES
3 EA
PROTECT STEEL STRUCTURE
DEMOLISH GRAVEL ROAD
±21,765 SF
INSTALL CONSTRUCTION LIMIT FENCE
(TYP)
±3,279 LF TOTAL
2
C7.01
REMOVE 5 NEEDLE PINE TREES WITHIN LOD
52 EA
PROPOSED ACCESS ROUTE
(TYP)
REMOVE 5 NEEDLE PINE TREES
4 EA
INSTALL WATTLES
(TYP)
±878 LF
1
C7.01
SALVAGE STEEL DUMPTERS
6 EA
PROTECT BASEBALL FIELD
REMOVE AND REPLACE EXISTING CULVERT
SEE SHEET 33
INSTALL WATTLES,
(TYP)
±198 LF
1
C7.01
INSTALL STABILIZED TEMPORARY CONSTRUCTION ENTRANCE
3
C7.01
SAWCUT AND REMOVE ASPHALT PAVEMENT
±67 LF
±1,118 SF
PROTECT EXISTING WETLANDS OUTSIDE OF IMPROVEMENT AREAS
REMOVE & DISPOSE OVERHEAD ELECTRIC LINE
±170 LF
7960
7965
7955
7950
7945
7940
7935

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40 0 40 80
SCALE OF FEET

JESSE CARLSON
20110
Date 6/18/26

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
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SUB SHEET NO.
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DEMOLITION BMPS &
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YELLOWSTONE NATIONAL PARK

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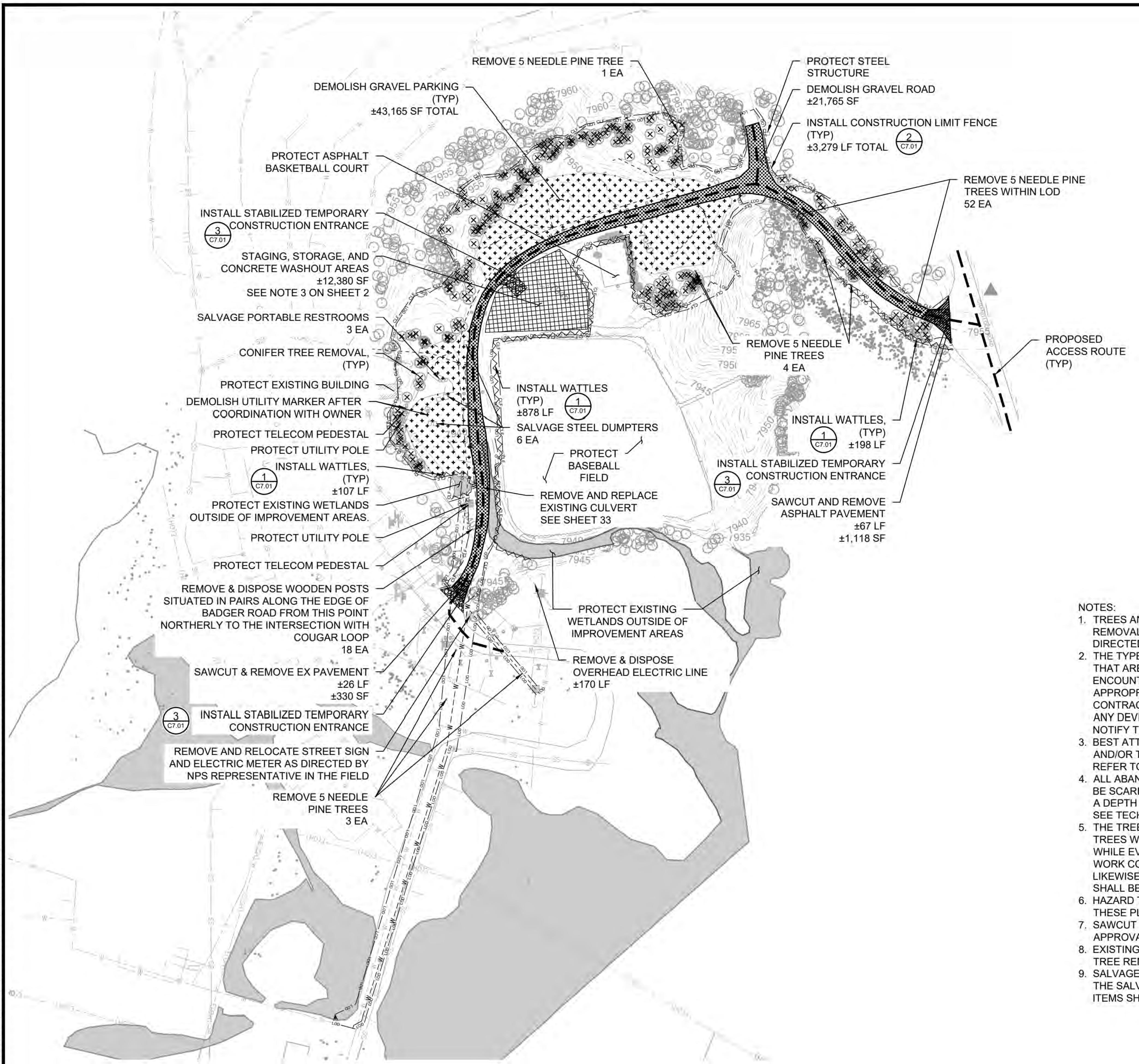

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C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C2.12_CANYON_DEMO.DWG

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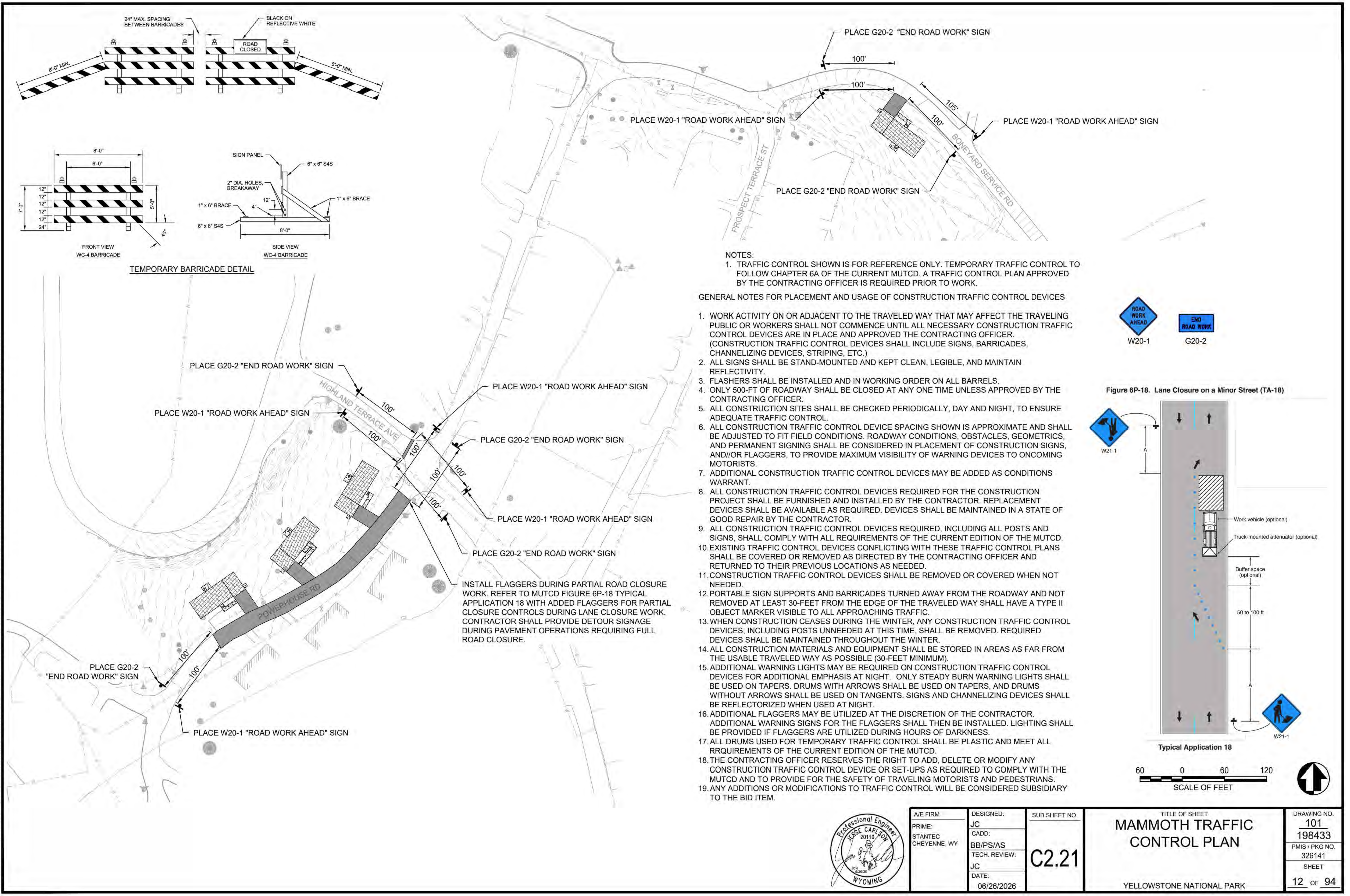


INSTALL FLAGGERS DURING PARTIAL ROAD CLOSURE WORK. REFER TO MUTCD FIGURE 6P-18 TYPICAL APPLICATION 18 WITH ADDED FLAGGERS FOR PARTIAL CLOSURE CONTROLS DURING LANE CLOSURE WORK. CONTRACTOR SHALL PROVIDE DETOUR SIGNAGE DURING PAVEMENT OPERATIONS REQUIRING FULL ROAD CLOSURE.

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.

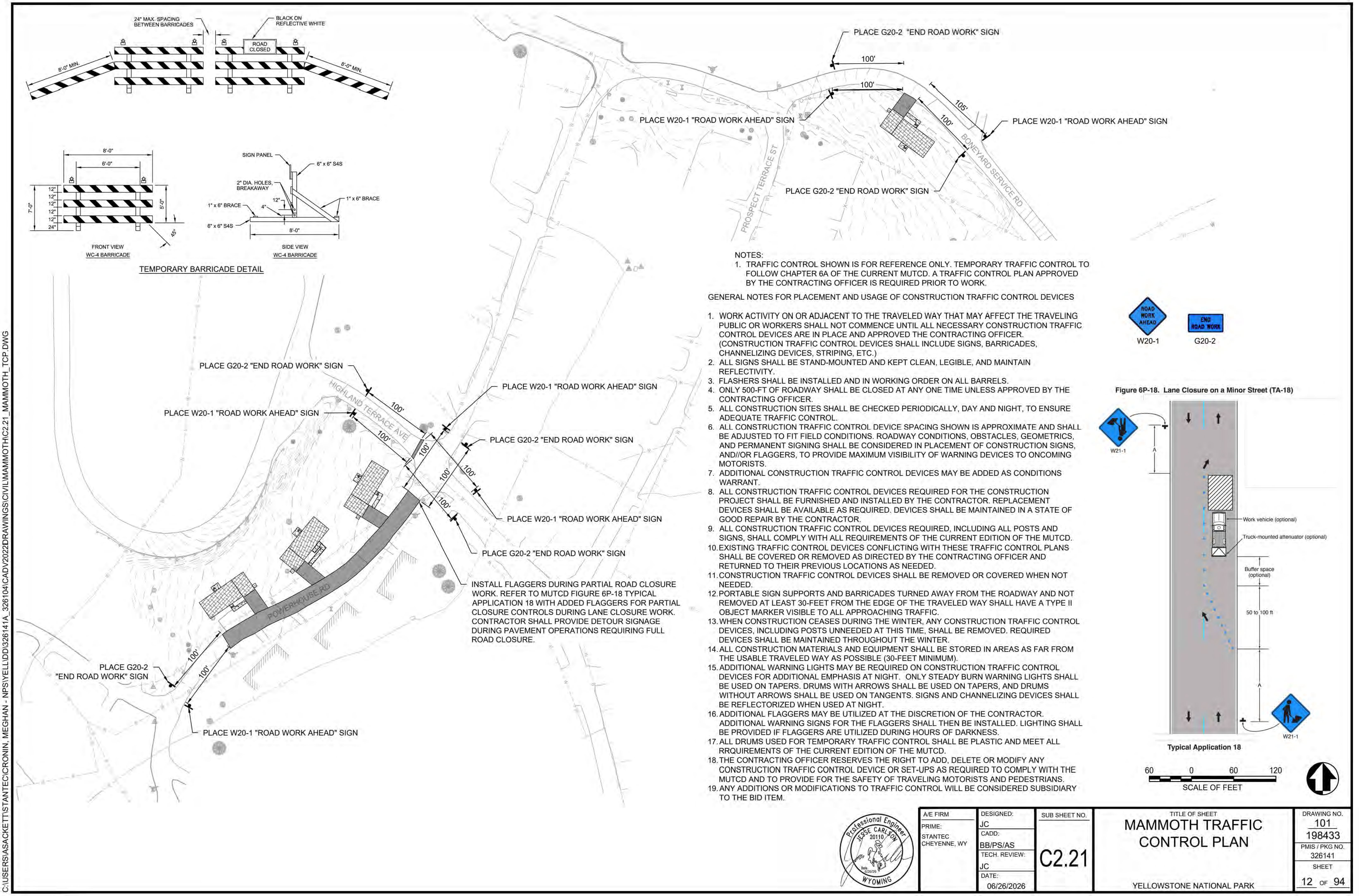
GENERAL NOTES FOR PLACEMENT AND USAGE OF CONSTRUCTION TRAFFIC CONTROL DEVICES

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.

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

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


INSTALL FLAGGERS DURING PARTIAL ROAD CLOSURE WORK. REFER TO MUTCD FIGURE 6P-18 TYPICAL APPLICATION 18 WITH ADDED FLAGGERS FOR PARTIAL CLOSURE CONTROLS DURING LANE CLOSURE WORK. CONTRACTOR SHALL PROVIDE DETOUR SIGNAGE DURING PAVEMENT OPERATIONS REQUIRING FULL ROAD CLOSURE.

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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
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IDENTICAL

PLOT DATE: 6/26/2026 11:11 AM USER: SACKETT, ABBY
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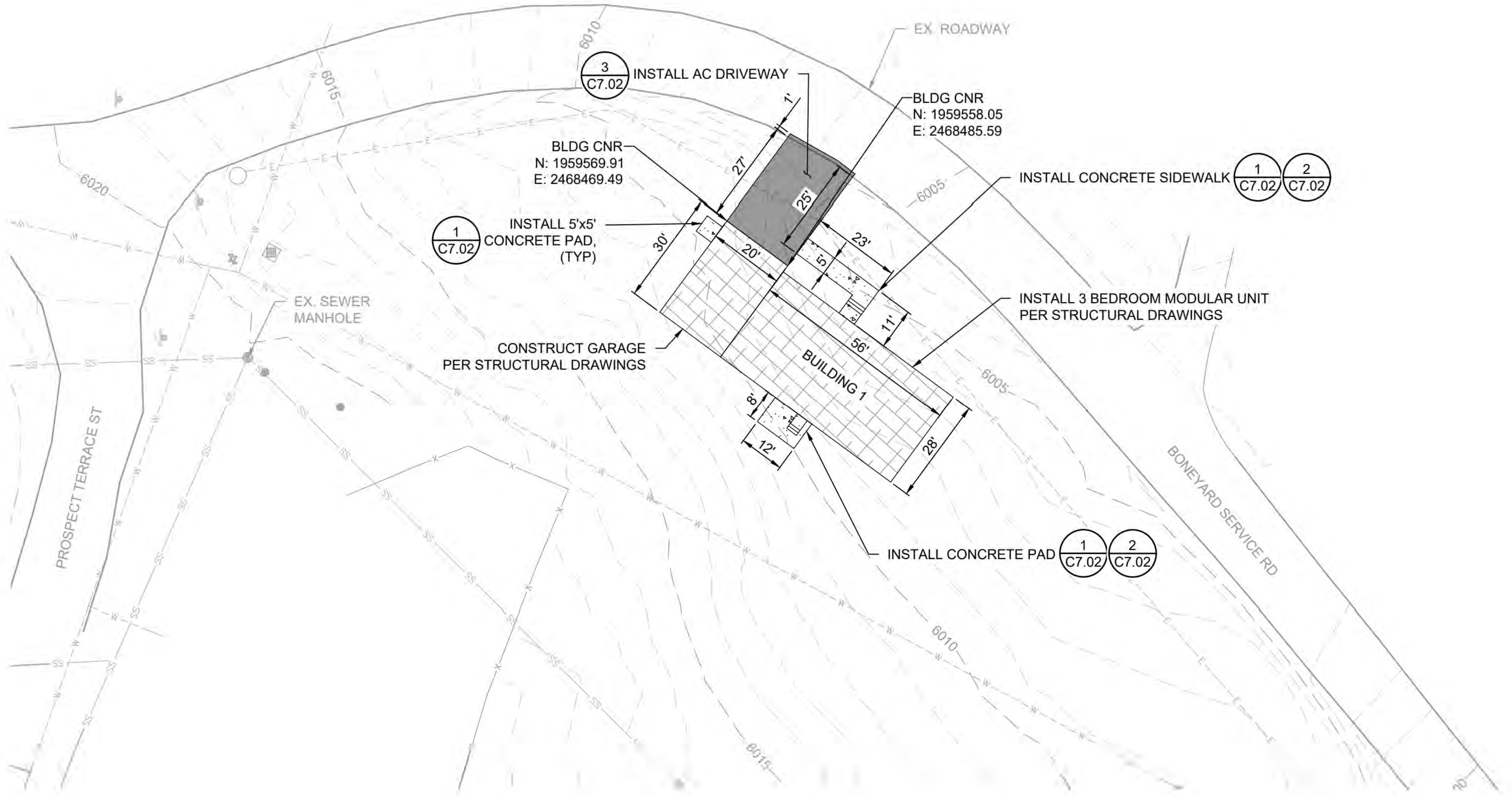

EX. ROADWAY
3 C7.02 INSTALL AC DRIVEWAY
BLDG CNR N: 1959558.05 E: 2468485.59
BLDG CNR N: 1959569.91 E: 2468469.49
INSTALL CONCRETE SIDEWALK 1 C7.02 2 C7.02
1 C7.02 INSTALL 5'x5' CONCRETE PAD, (TYP)
INSTALL 3 BEDROOM MODULAR UNIT PER STRUCTURAL DRAWINGS
EX. SEWER MANHOLE
CONSTRUCT GARAGE PER STRUCTURAL DRAWINGS
BUILDING 1
INSTALL CONCRETE PAD 1 C7.02 2 C7.02
PROSPECT TERRACE ST
BONEYARD SERVICE RD
1'
27'
25'
30'
20'
23'
5'
11'
56'
8'
12'
28'
6005
6010
6015
6020

20 0 20 40
SCALE OF FEET

JESSE CARLSON 20110
Date 6/26/26

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

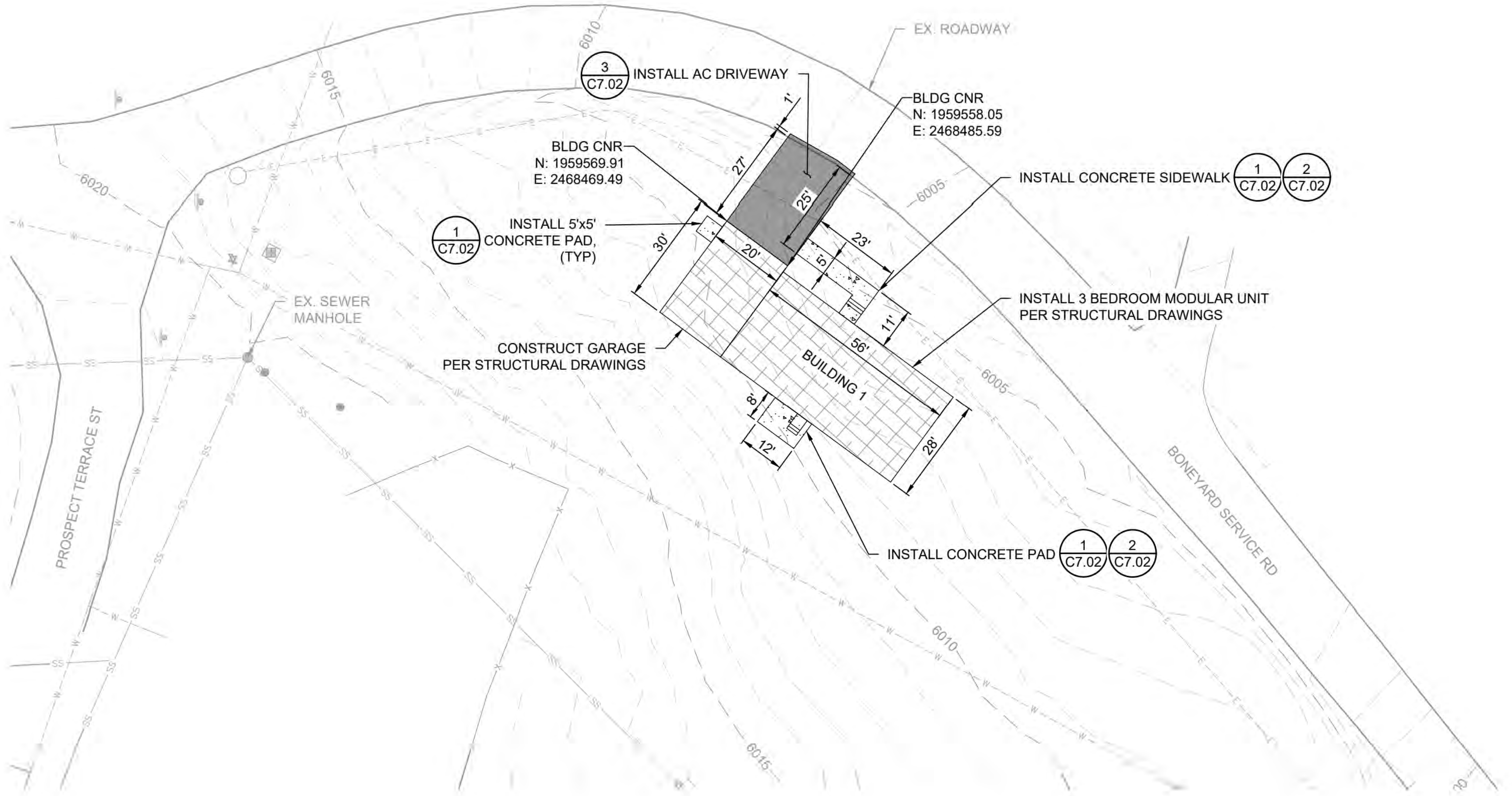
DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
DATE: 06/26/2026

SUB SHEET NO.
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\CADV2022\DRAWINGS\CIVIL\MAMMOTH\C3.01_MAMMOTH_PLAN_1.DWG


EX. ROADWAY
3 C7.02 INSTALL AC DRIVEWAY
BLDG CNR N: 1959558.05 E: 2468485.59
BLDG CNR N: 1959569.91 E: 2468469.49
INSTALL CONCRETE SIDEWALK 1 C7.02 2 C7.02
1 C7.02 INSTALL 5'x5' CONCRETE PAD, (TYP)
INSTALL 3 BEDROOM MODULAR UNIT PER STRUCTURAL DRAWINGS
EX. SEWER MANHOLE
CONSTRUCT GARAGE PER STRUCTURAL DRAWINGS
BUILDING 1
INSTALL CONCRETE PAD 1 C7.02 2 C7.02
PROSPECT TERRACE ST
BONEYARD SERVICE RD

20 0 20 40
SCALE OF FEET

JESSE CARLSON 20110
Date 6/26/26

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

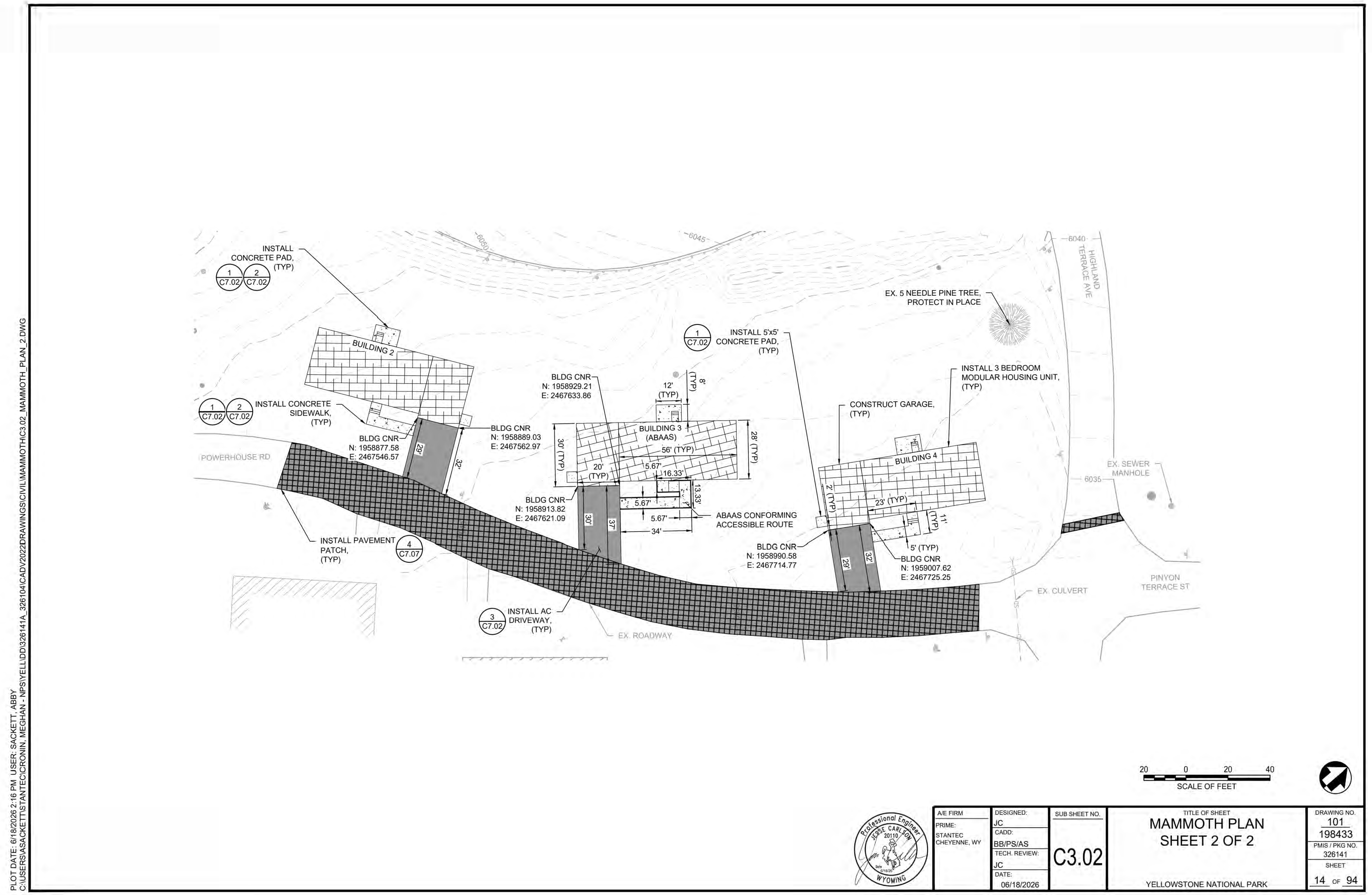
DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
DATE: 06/26/2026

SUB SHEET NO.
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

IDENTICAL


INSTALL CONCRETE PAD, (TYP)
1 C7.02
2 C7.02
BUILDING 2
INSTALL CONCRETE SIDEWALK, (TYP)
1 C7.02
2 C7.02
BLDG CNR N: 1958877.58 E: 2467546.57
BLDG CNR N: 1958889.03 E: 2467562.97
29'
32'
POWERHOUSE RD
INSTALL PAVEMENT PATCH, (TYP)
4 C7.07
INSTALL AC DRIVEWAY, (TYP)
3 C7.02
EX. ROADWAY
6050
6045
6040
6035
BLDG CNR N: 1958929.21 E: 2467633.86
12' (TYP)
8' (TYP)
BUILDING 3 (ABAAS)
30' (TYP)
28' (TYP)
56' (TYP)
20' (TYP)
5.67'
16.33'
13.33'
5.67'
5.67'
34'
30'
37'
BLDG CNR N: 1958913.82 E: 2467621.09
ABAAS CONFORMING ACCESSIBLE ROUTE
1 C7.02
INSTALL 5'x5' CONCRETE PAD, (TYP)
EX. 5 NEEDLE PINE TREE, PROTECT IN PLACE
INSTALL 3 BEDROOM MODULAR HOUSING UNIT, (TYP)
CONSTRUCT GARAGE, (TYP)
BUILDING 4
2' (TYP)
23' (TYP)
11' (TYP)
5' (TYP)
29'
32'
BLDG CNR N: 1958990.58 E: 2467714.77
BLDG CNR N: 1959007.62 E: 2467725.25
HIGHLAND TERRACE AVE
EX. SEWER MANHOLE
EX. CULVERT
PINYON TERRACE ST
20 0 20 40
SCALE OF FEET

PLOT DATE: 6/18/2026 2:16 PM USER: SACKETT, ABBY
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Professional Engineer JESSE CARLSON 20110 WYOMING Date 6/18/26

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

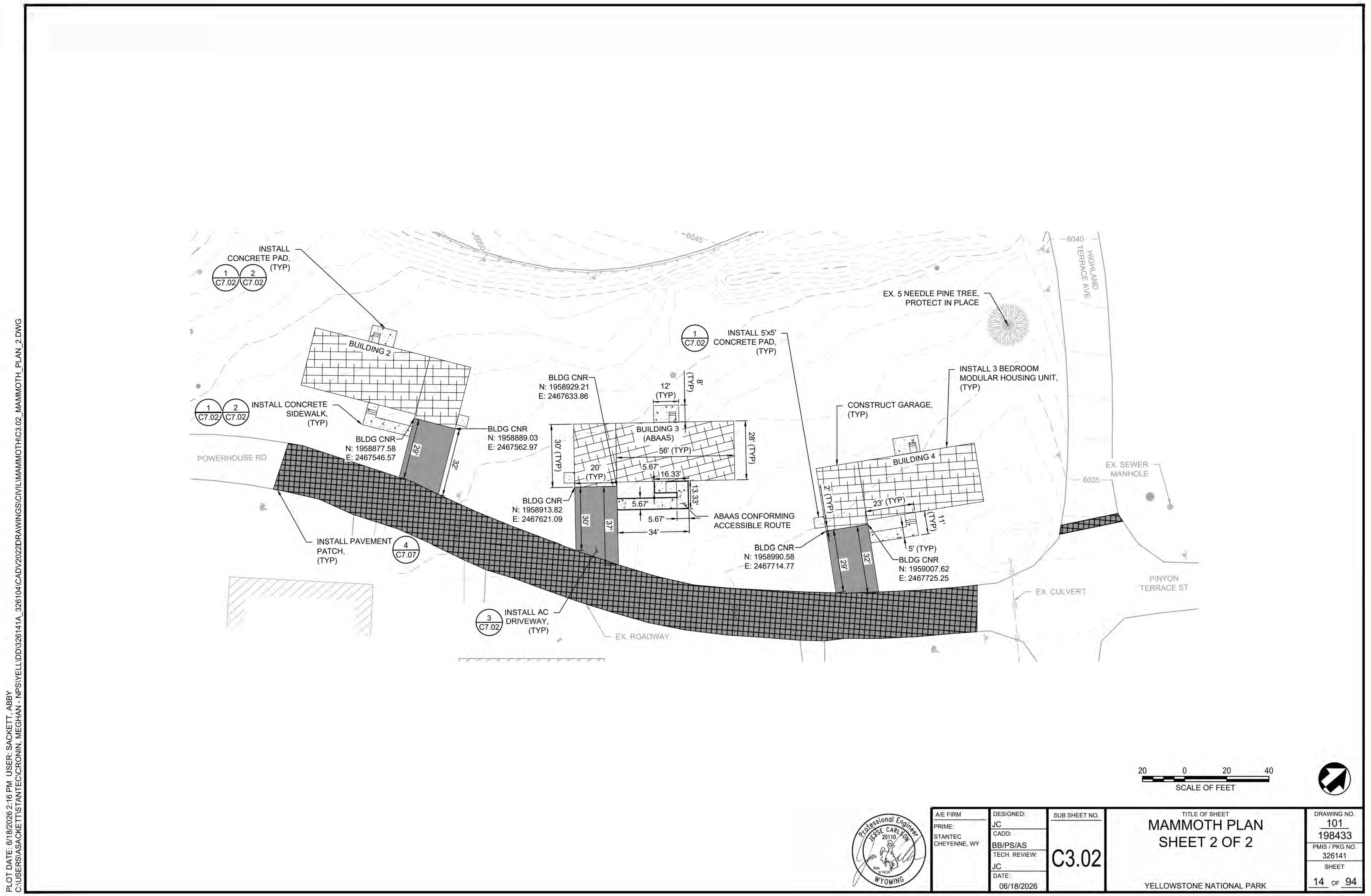
DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
DATE: 06/18/2026

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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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

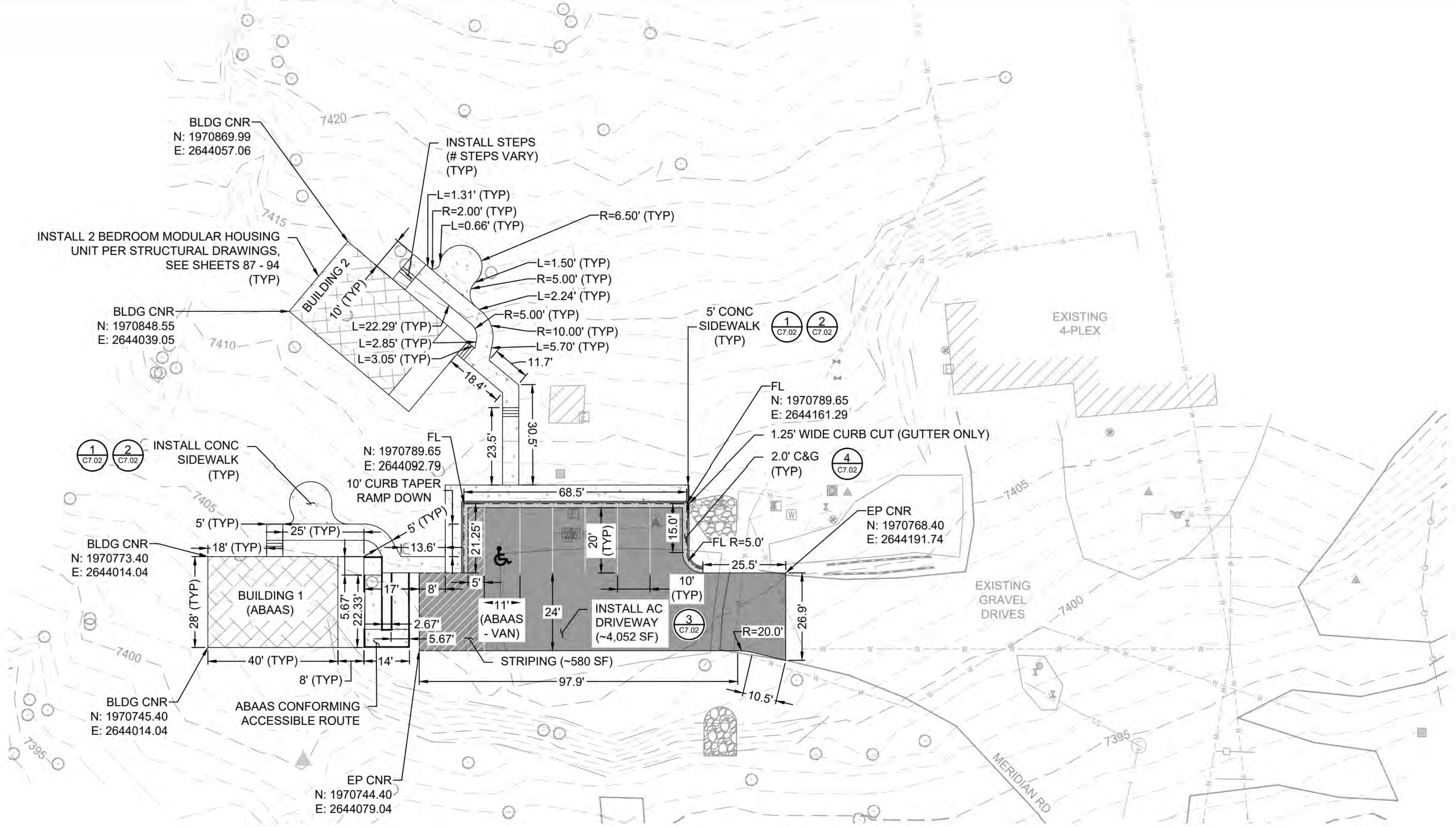
SUB SHEET NO.
C3.02

TITLE OF SHEET
MAMMOTH PLAN
SHEET 2 OF 2

YELLOWSTONE NATIONAL PARK

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

IDENTICAL



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.

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

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

PLOT DATE: 6/18/2026 2:16 PM USER: SACKETT, ABBY
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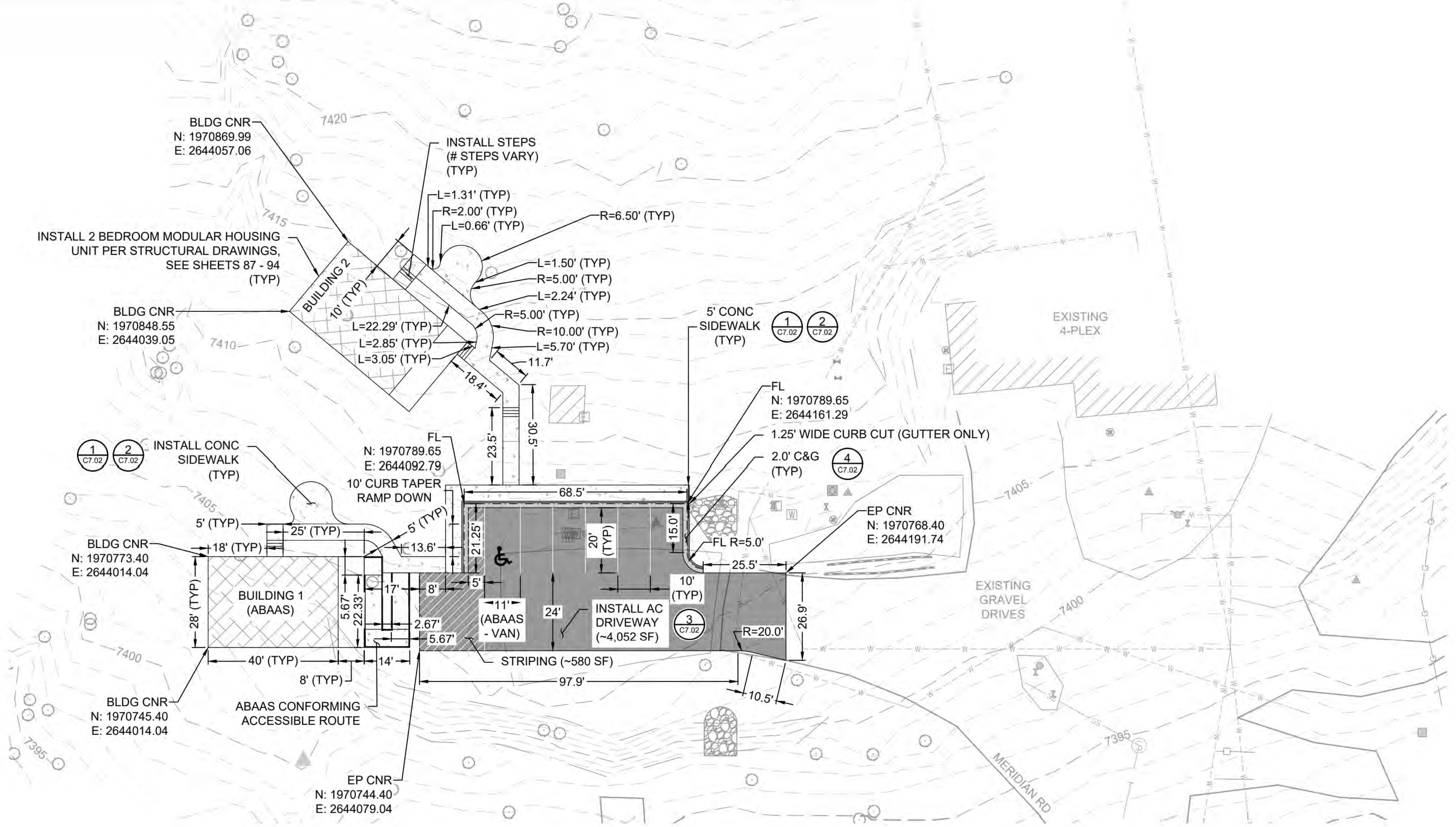
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MONTANA
6/18/26
JESSE CARLSON
No. 105520PE
LICENSED PROFESSIONAL ENGINEER

A/E FIRM | PRIME: STANTEC CHEYENNE, WY | DESIGNED: JC | CADD: BB/PS/AS | TECH. REVIEW: JC | DATE: 06/18/2026 | SUB SHEET NO. 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
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IDENTICAL

PLOT DATE: 6/18/2026 9:13 AM USER: SACKETT, ABBY
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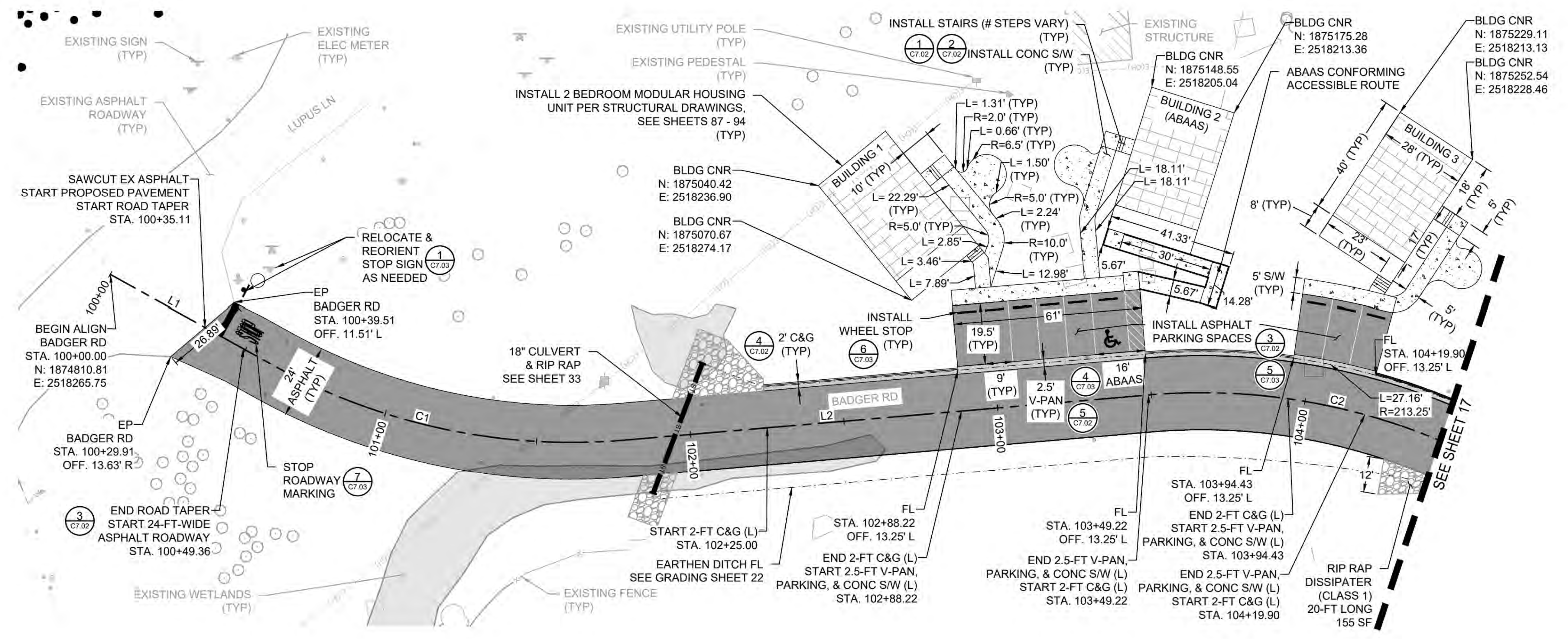
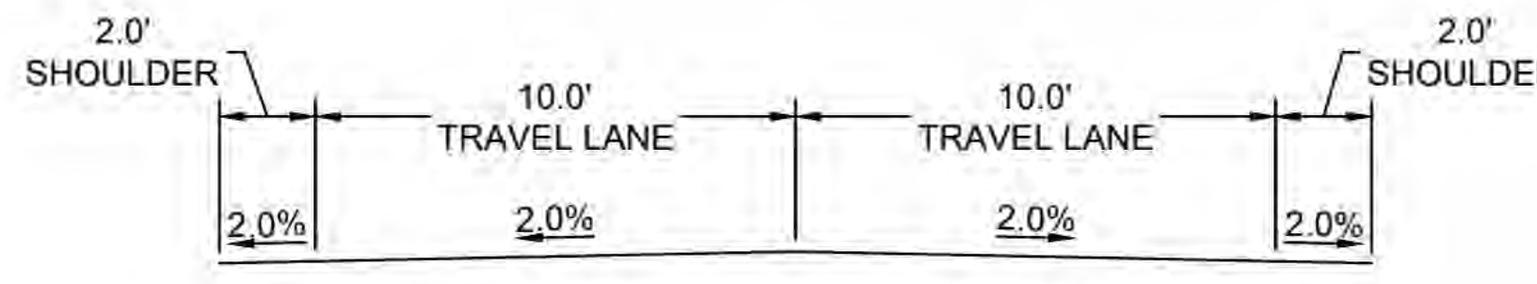

EXISTING SIGN (TYP)
EXISTING ELEC METER (TYP)
EXISTING ASPHALT ROADWAY (TYP)
LUPUS LN
SAWCUT EX ASPHALT START PROPOSED PAVEMENT START ROAD TAPER STA. 100+35.11
RELOCATE & REORIENT STOP SIGN AS NEEDED 1/C7.03
EP BADGER RD STA. 100+39.51 OFF. 11.51' L
100+00
L1
26.89'
BEGIN ALIGN BADGER RD STA. 100+00.00 N: 1874810.81 E: 2518265.75
EP BADGER RD STA. 100+29.91 OFF. 13.63' R
24' ASPHALT (TYP)
C1
101+00
STOP ROADWAY MARKING 7/C7.03
3/C7.02
END ROAD TAPER START 24-FT-WIDE ASPHALT ROADWAY STA. 100+49.36
EXISTING WETLANDS (TYP)
EXISTING FENCE (TYP)
EXISTING UTILITY POLE (TYP)
EXISTING PEDESTAL (TYP)
INSTALL 2 BEDROOM MODULAR HOUSING UNIT PER STRUCTURAL DRAWINGS, SEE SHEETS 87 - 94 (TYP)
BLDG CNR N: 1875040.42 E: 2518236.90
BLDG CNR N: 1875070.67 E: 2518274.17
18" CULVERT & RIP RAP SEE SHEET 33
4/C7.02 2' C&G (TYP)
INSTALL WHEEL STOP (TYP) 6/C7.03
BADGER RD
L2
102+00
START 2-FT C&G (L) STA. 102+25.00
EARTHEN DITCH FL SEE GRADING SHEET 22
FL STA. 102+88.22 OFF. 13.25' L
END 2-FT C&G (L) START 2.5-FT V-PAN, PARKING, & CONC S/W (L) STA. 102+88.22
INSTALL STAIRS (# STEPS VARY) (TYP)
1/C7.02 2/C7.02 INSTALL CONC S/W (TYP)
EXISTING STRUCTURE
BUILDING 1
10' (TYP)
L= 22.29' (TYP)
R=5.0' (TYP)
L= 2.85'
L= 3.46'
L= 7.89'
L= 1.31' (TYP)
R=2.0' (TYP)
L= 0.66' (TYP)
R=6.5' (TYP)
L= 1.50' (TYP)
R=5.0' (TYP)
L= 2.24' (TYP)
R=10.0' (TYP)
L= 12.98'
5.67'
BLDG CNR N: 1875148.55 E: 2518205.04
BUILDING 2 (ABAAS)
L= 18.11'
L= 18.11'
41.33'
30'
5.67'
14.28'
BLDG CNR N: 1875175.28 E: 2518213.36
ABAAS CONFORMING ACCESSIBLE ROUTE
BLDG CNR N: 1875229.11 E: 2518213.13
BLDG CNR N: 1875252.54 E: 2518228.46
BUILDING 3
40' (TYP)
28' (TYP)
18' (TYP)
5' (TYP)
8' (TYP)
23' (TYP)
17' (TYP)
5' (TYP)
5' S/W (TYP)
61'
19.5' (TYP)
9' (TYP)
2.5' V-PAN (TYP) 5/C7.02
4/C7.03 16' ABAAS
INSTALL ASPHALT PARKING SPACES 3/C7.02
5/C7.03
103+00
104+00
C2
FL STA. 104+19.90 OFF. 13.25' L
L=27.16' R=213.25'
SEE SHEET 17
12'
FL STA. 103+49.22 OFF. 13.25' L
END 2.5-FT V-PAN, PARKING, & CONC S/W (L) START 2-FT C&G (L) STA. 103+49.22
FL STA. 103+94.43 OFF. 13.25' L
END 2-FT C&G (L) START 2.5-FT V-PAN, PARKING, & CONC S/W (L) STA. 103+94.43
END 2.5-FT V-PAN, PARKING, & CONC S/W (L) START 2-FT C&G (L) STA. 104+19.90
RIP RAP DISSIPATER (CLASS 1) 20-FT LONG 155 SF

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

JESSE CARLSON
20110
6/18/26

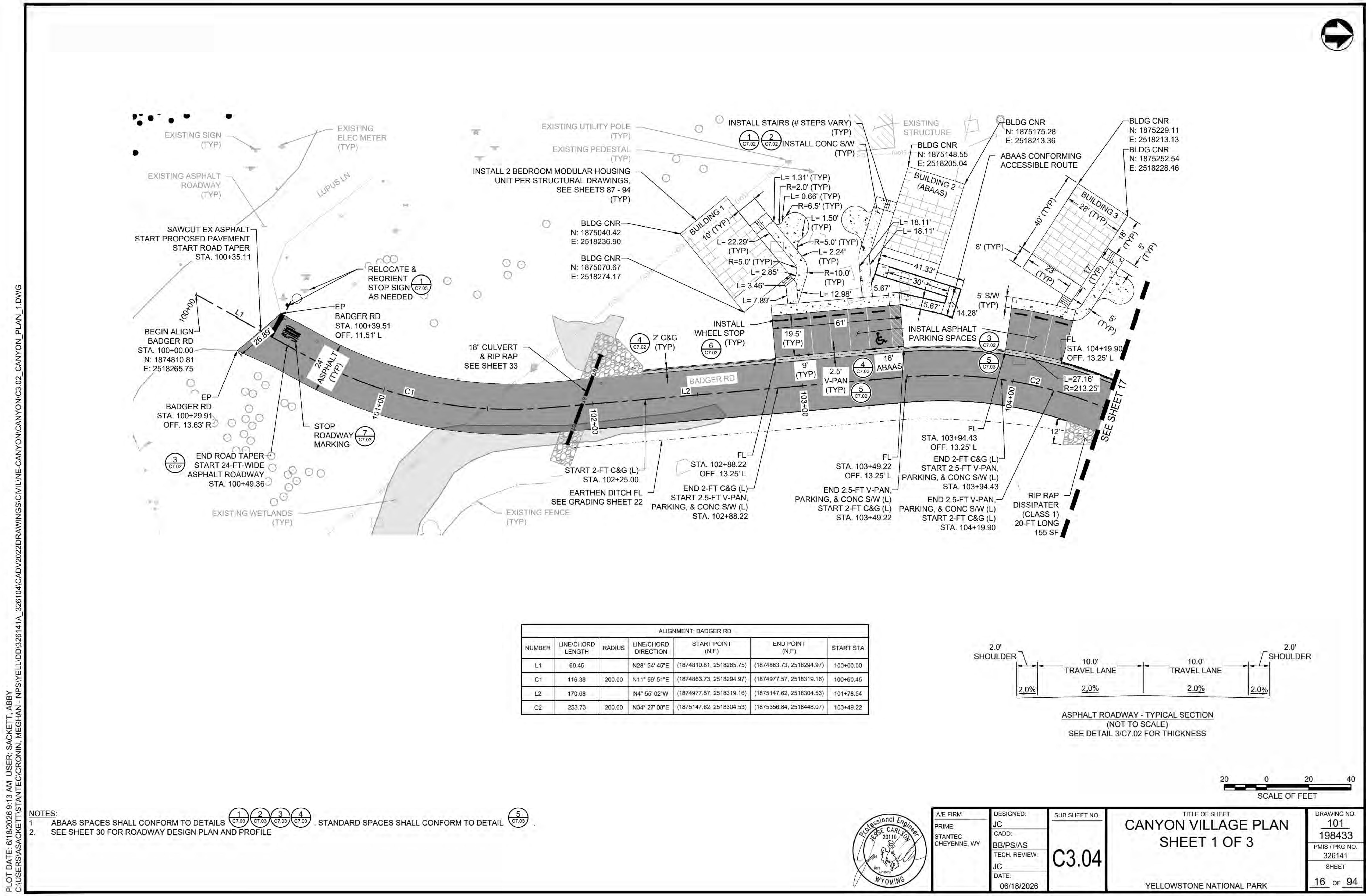
A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
DATE: 06/18/2026

SUB SHEET NO.
C3.04

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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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

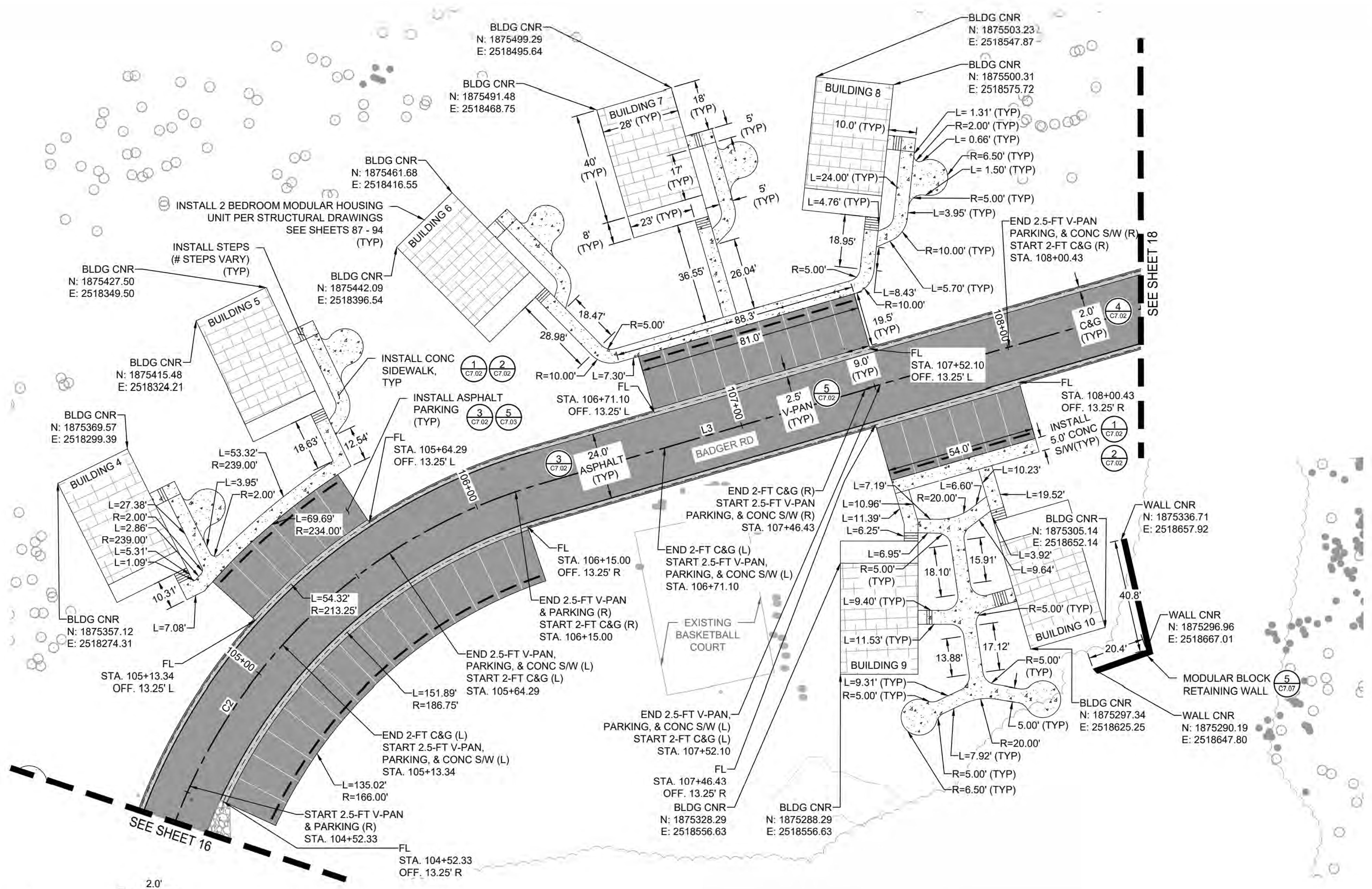
ASPHALT ROADWAY - TYPICAL SECTION
(NOT TO SCALE)
SEE DETAIL 3/C7.02 FOR THICKNESS

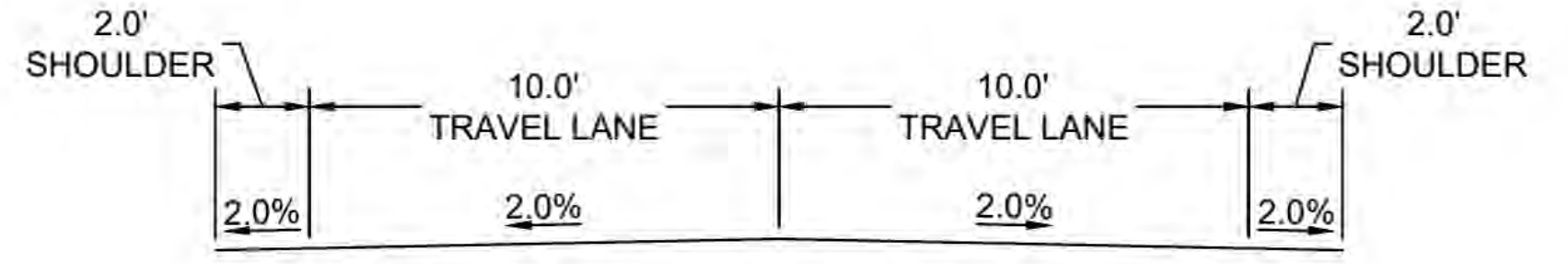
20 0 20 40
SCALE OF FEET

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

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

IDENTICAL


BLDG CNR N: 1875499.29 E: 2518495.64
BLDG CNR N: 1875491.48 E: 2518468.75
BLDG CNR N: 1875503.23 E: 2518547.87
BLDG CNR N: 1875500.31 E: 2518575.72
BUILDING 7
28' (TYP)
18' (TYP)
5' (TYP)
40' (TYP)
17' (TYP)
23' (TYP)
8' (TYP)
BUILDING 8
10.0' (TYP)
L= 1.31' (TYP)
R=2.00' (TYP)
L= 0.66' (TYP)
R=6.50' (TYP)
L= 1.50' (TYP)
L=24.00' (TYP)
L=4.76' (TYP)
R=5.00' (TYP)
L=3.95' (TYP)
R=10.00' (TYP)
L=5.70' (TYP)
L=8.43'
R=10.00'
18.95'
36.55'
26.04'
88.3'
81.0'
19.5' (TYP)
END 2.5-FT V-PAN PARKING, & CONC S/W (R) START 2-FT C&G (R) STA. 108+00.43
SEE SHEET 18
2.0' C&G (TYP)
FL STA. 107+52.10 OFF. 13.25' L
FL STA. 108+00.43 OFF. 13.25' R
INSTALL 5.0' CONC S/W(TYP)
108+00
107+00
106+00
105+00
9.0' (TYP)
2.5' V-PAN (TYP)
L3
BADGER RD
24.0' ASPHALT (TYP)
BLDG CNR N: 1875461.68 E: 2518416.55
INSTALL 2 BEDROOM MODULAR HOUSING UNIT PER STRUCTURAL DRAWINGS SEE SHEETS 87 - 94 (TYP)
BUILDING 6
BLDG CNR N: 1875442.09 E: 2518396.54
INSTALL STEPS (# STEPS VARY) (TYP)
BLDG CNR N: 1875427.50 E: 2518349.50
BUILDING 5
BLDG CNR N: 1875415.48 E: 2518324.21
18.47'
28.98'
R=5.00'
R=10.00'
L=7.30'
FL STA. 106+71.10 OFF. 13.25' L
INSTALL CONC SIDEWALK, TYP
INSTALL ASPHALT PARKING (TYP)
FL STA. 105+64.29 OFF. 13.25' L
18.63'
12.54'
L=53.32' R=239.00'
L=3.95'
R=2.00'
BLDG CNR N: 1875369.57 E: 2518299.39
BUILDING 4
L=27.38'
R=2.00'
L=2.86'
R=239.00'
L=5.31'
L=1.09'
10.31'
L=7.08'
L=69.69' R=234.00'
L=54.32' R=213.25'
BLDG CNR N: 1875357.12 E: 2518274.31
FL STA. 105+13.34 OFF. 13.25' L
C2
FL STA. 106+15.00 OFF. 13.25' R
END 2.5-FT V-PAN & PARKING (R) START 2-FT C&G (R) STA. 106+15.00
END 2.5-FT V-PAN, PARKING, & CONC S/W (L) START 2-FT C&G (L) STA. 105+64.29
L=151.89' R=186.75'
END 2-FT C&G (L) START 2.5-FT V-PAN, PARKING, & CONC S/W (L) STA. 105+13.34
L=135.02' R=166.00'
START 2.5-FT V-PAN & PARKING (R) STA. 104+52.33
FL STA. 104+52.33 OFF. 13.25' R
SEE SHEET 16
END 2-FT C&G (R) START 2.5-FT V-PAN PARKING, & CONC S/W (R) STA. 107+46.43
END 2-FT C&G (L) START 2.5-FT V-PAN, PARKING, & CONC S/W (L) STA. 106+71.10
EXISTING BASKETBALL COURT
END 2.5-FT V-PAN, PARKING, & CONC S/W (L) START 2-FT C&G (L) STA. 107+52.10
FL STA. 107+46.43 OFF. 13.25' R
BLDG CNR N: 1875328.29 E: 2518556.63
BLDG CNR N: 1875288.29 E: 2518556.63
54.0'
L=10.23'
L=7.19'
L=6.60'
R=20.00'
L=19.52'
L=10.96'
L=11.39'
L=6.25'
L=6.95'
R=5.00' (TYP)
18.10'
15.91'
L=3.92'
L=9.64'
L=9.40' (TYP)
L=11.53' (TYP)
BUILDING 9
13.88'
17.12'
BUILDING 10
R=5.00' (TYP)
L=9.31' (TYP)
R=5.00' (TYP)
5.00' (TYP)
R=20.00'
L=7.92' (TYP)
R=5.00' (TYP)
R=6.50' (TYP)
BLDG CNR N: 1875305.14 E: 2518652.14
BLDG CNR N: 1875297.34 E: 2518625.25
WALL CNR N: 1875336.71 E: 2518657.92
WALL CNR N: 1875296.96 E: 2518667.01
WALL CNR N: 1875290.19 E: 2518647.80
40.8'
20.4'
MODULAR BLOCK RETAINING WALL
1/C7.02
2/C7.02
3/C7.02
4/C7.02
5/C7.02
5/C7.03
5/C7.07



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

JESSE CARLSON
20110
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.
C3.05

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
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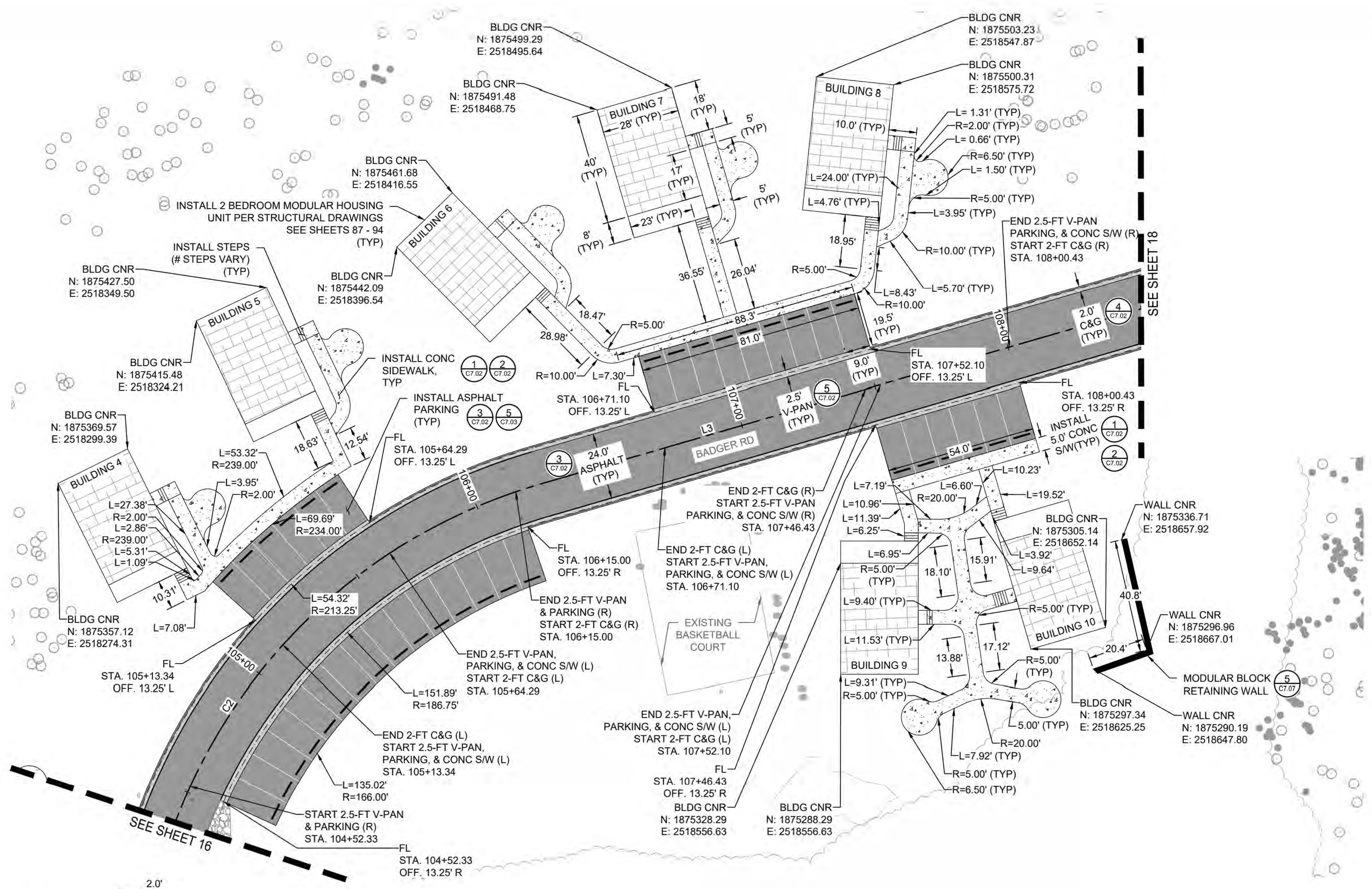

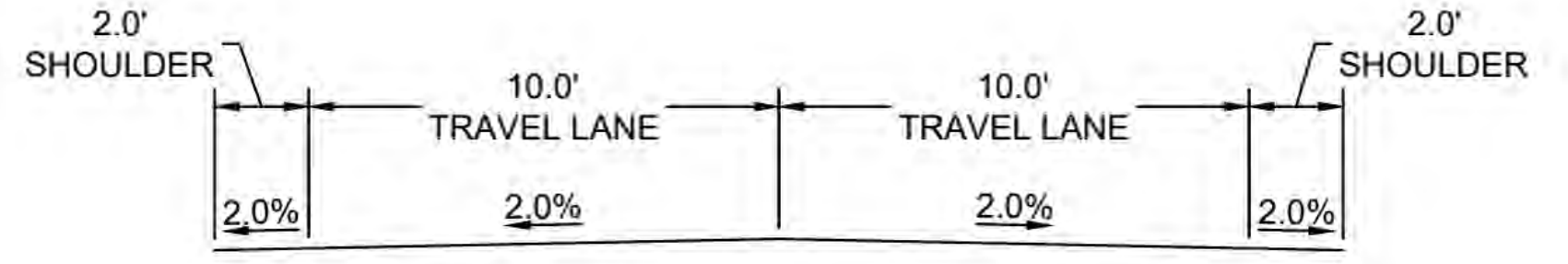

ASPHALT ROADWAY - TYPICAL SECTION
(NOT TO SCALE)
SEE DETAIL 3/C7.02 FOR THICKNESS

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

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_326141\CADD\2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C3.03_CANYON_PLAN_2.DWG

IDENTICAL

PLOT DATE: 6/18/2026 9:13 AM USER: SACKETT, ABBY
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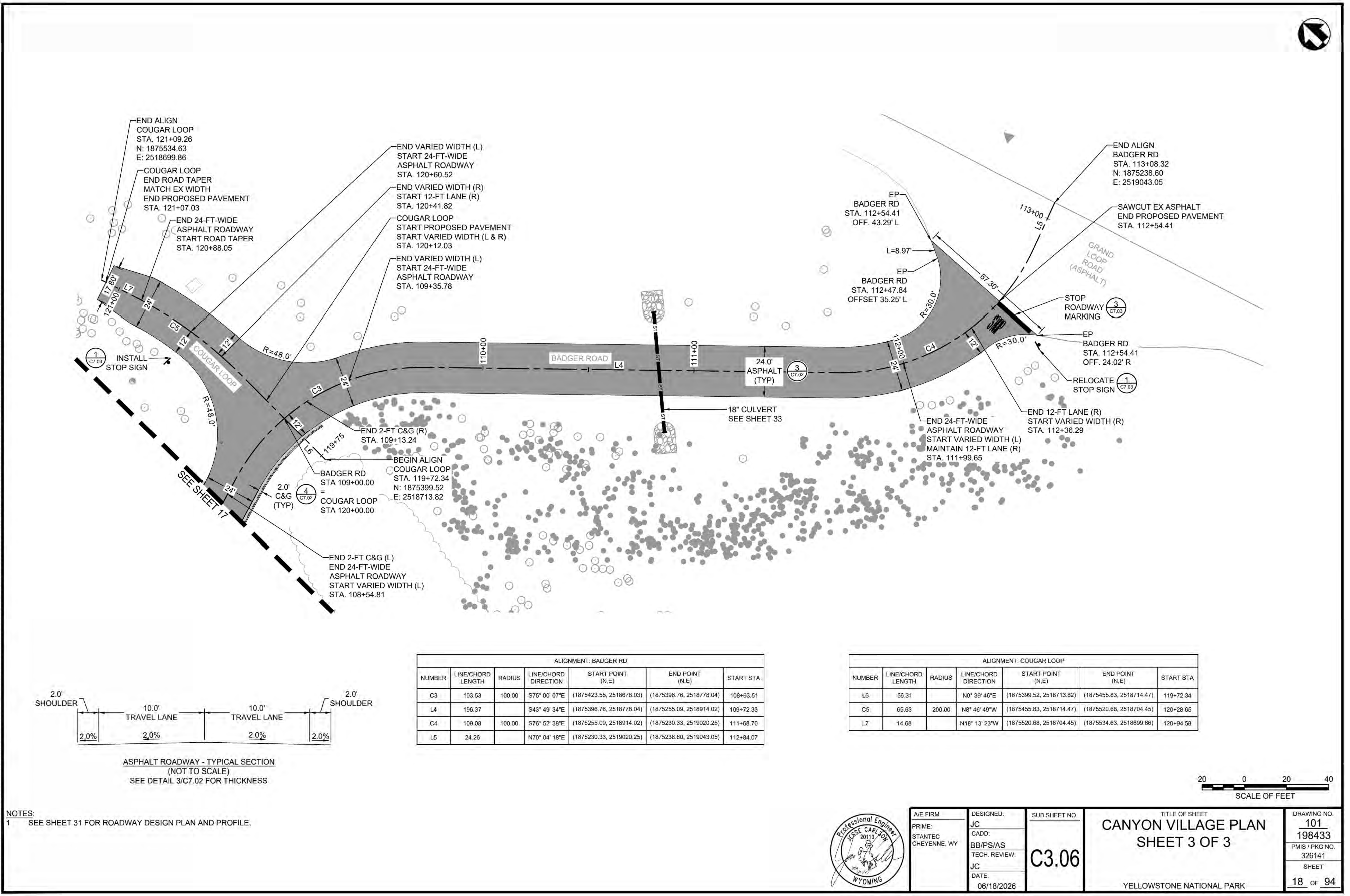


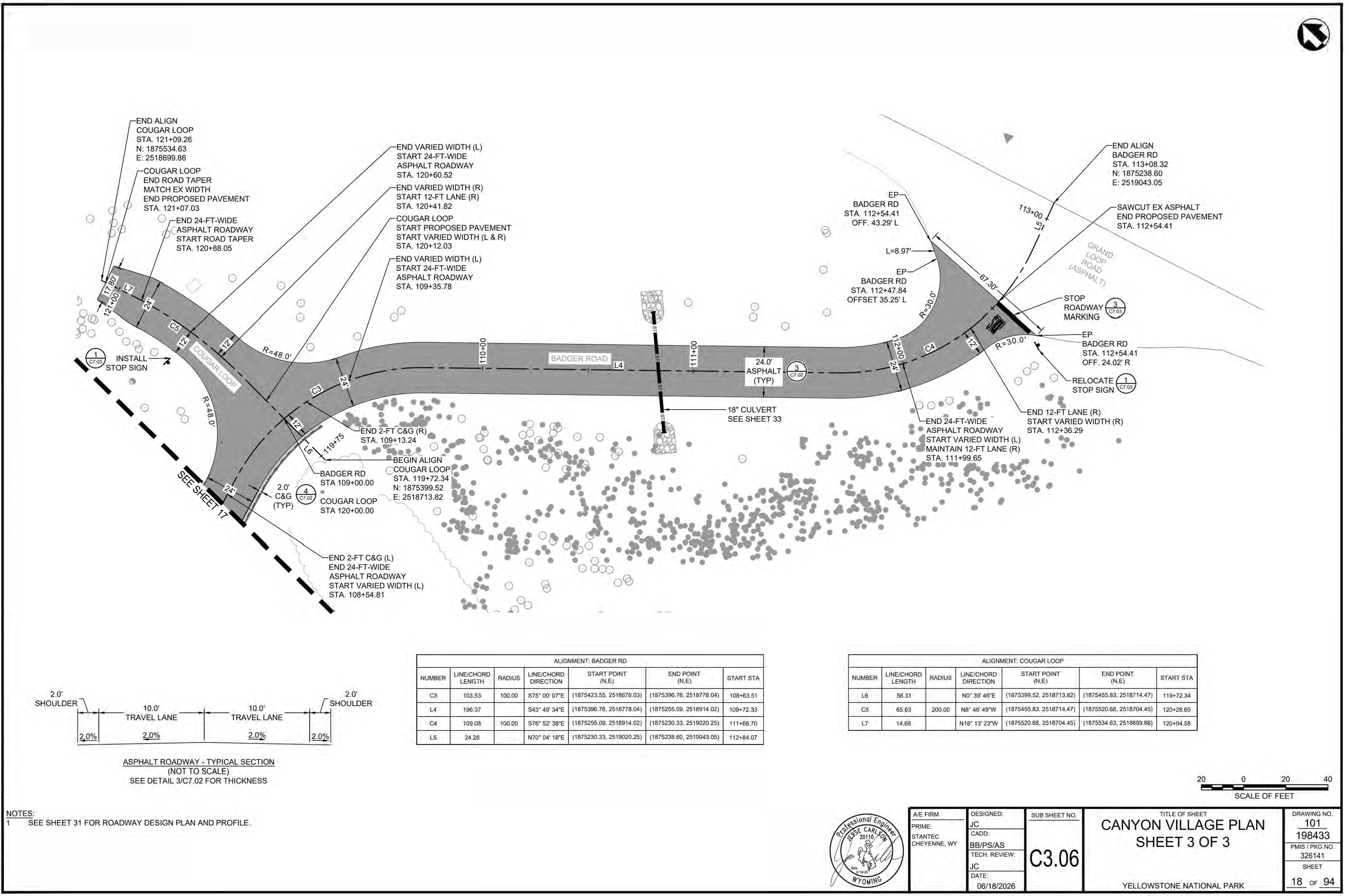
ASPHALT ROADWAY - TYPICAL SECTION
(NOT TO SCALE)
SEE DETAIL 3/C7.02 FOR THICKNESS

ALIGNMENT: BADGER RD						
NUMBER	LINE/CHORD LENGTH	RADIUS	LINE/CHORD DIRECTION	START POINT (N,E)	END POINT (N,E)	START STA
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

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

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


PLOT DATE: 6/18/2026 9:13 AM USER: SACKETT, ABBY
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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
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

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

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

DeltaDocs is a review-assistance tool; users are responsible for independently reviewing all documents and confirming all changes before relying on this report.

DELTADOCS

IDENTICAL

PLOT DATE: 6/26/2026 11:36 AM USER: SACKETT, ABBY
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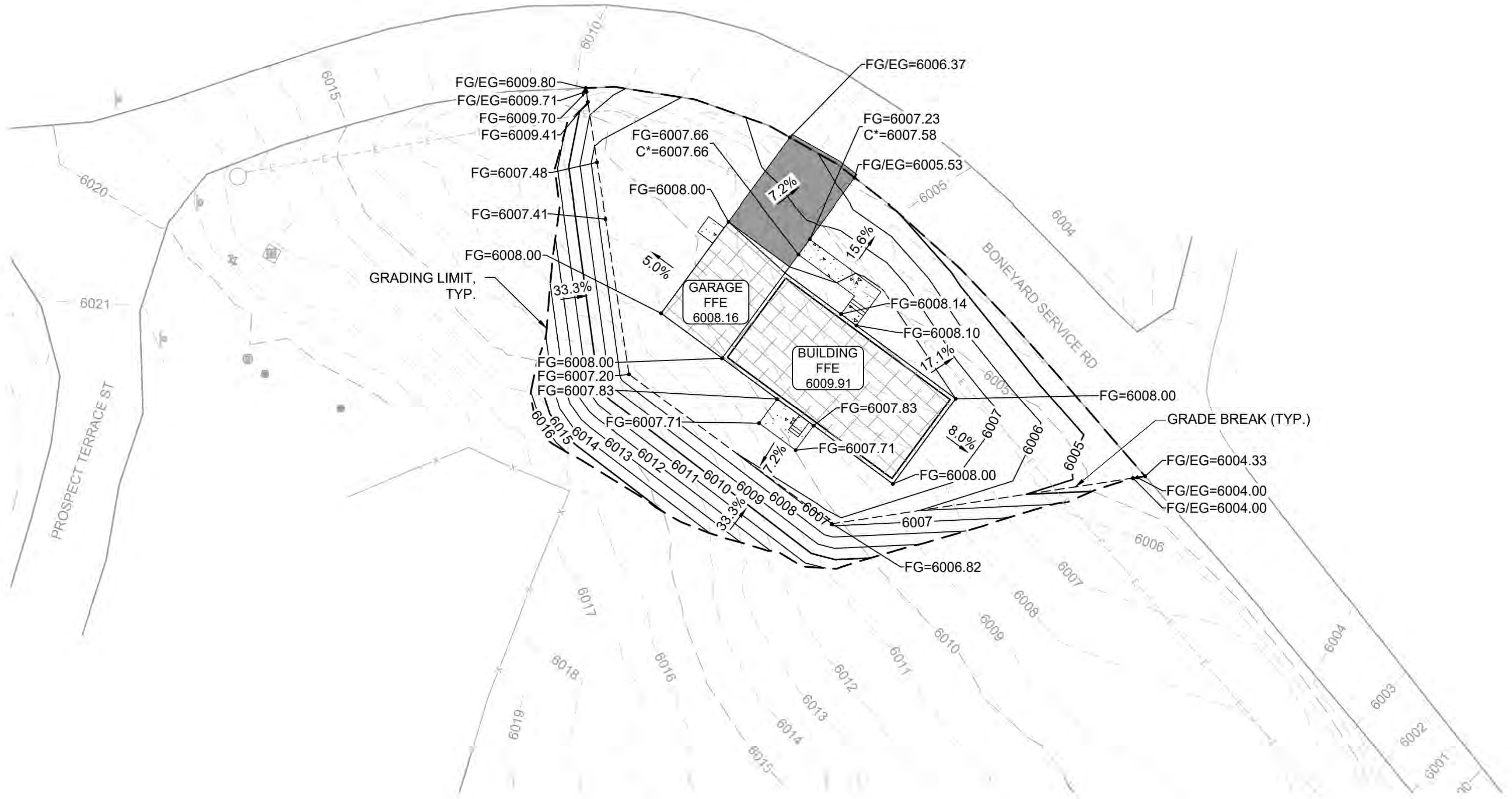


20 0 20 40
SCALE OF FEET

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.

Professional Engineer
JESSE CARLSON
20110
WYOMING

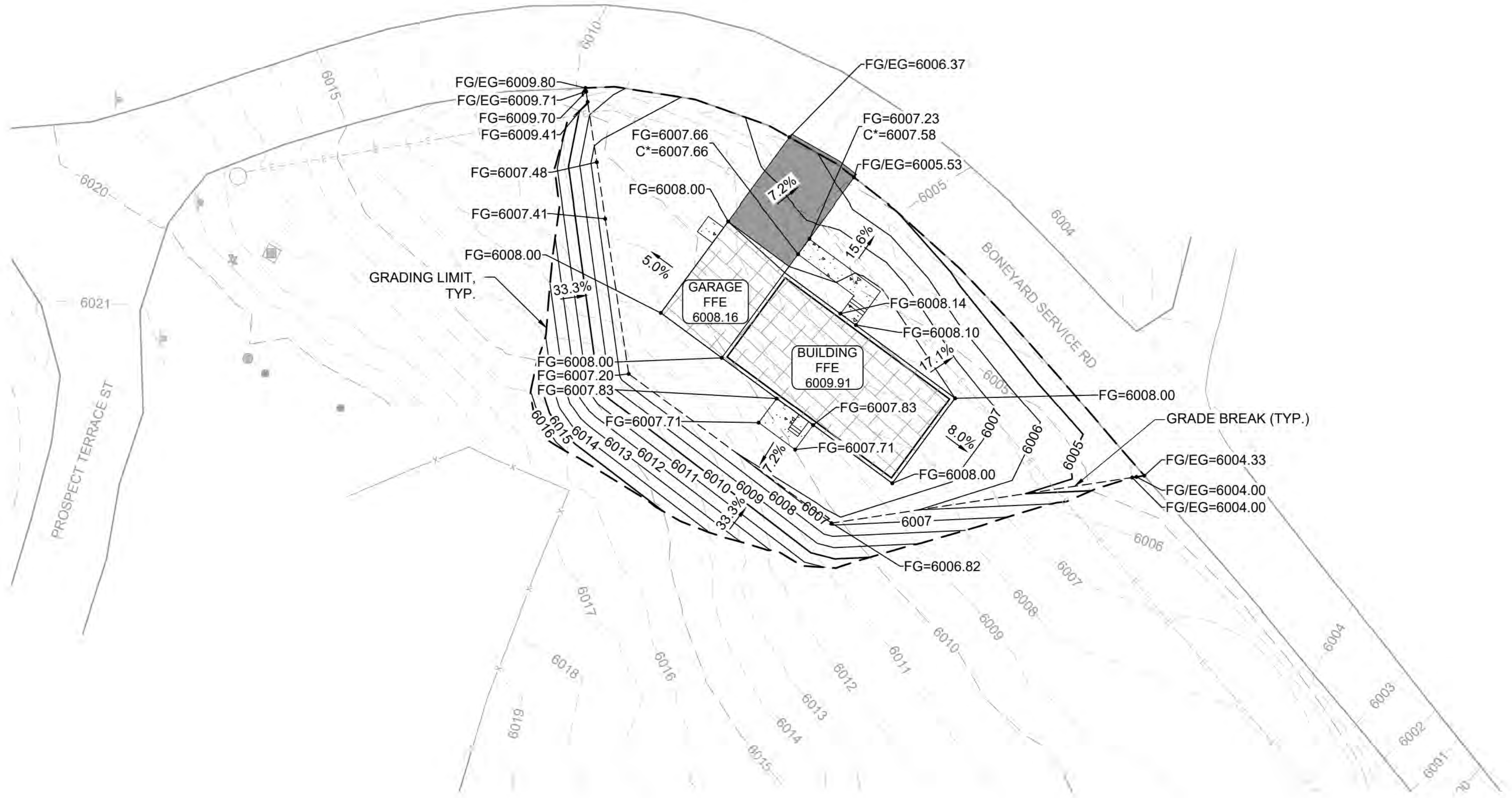
A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

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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20 0 20 40
SCALE OF FEET

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.

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED:
JC
CADD:
BB/PS/AS
TECH. REVIEW:
JC
DATE:
06/26/2026

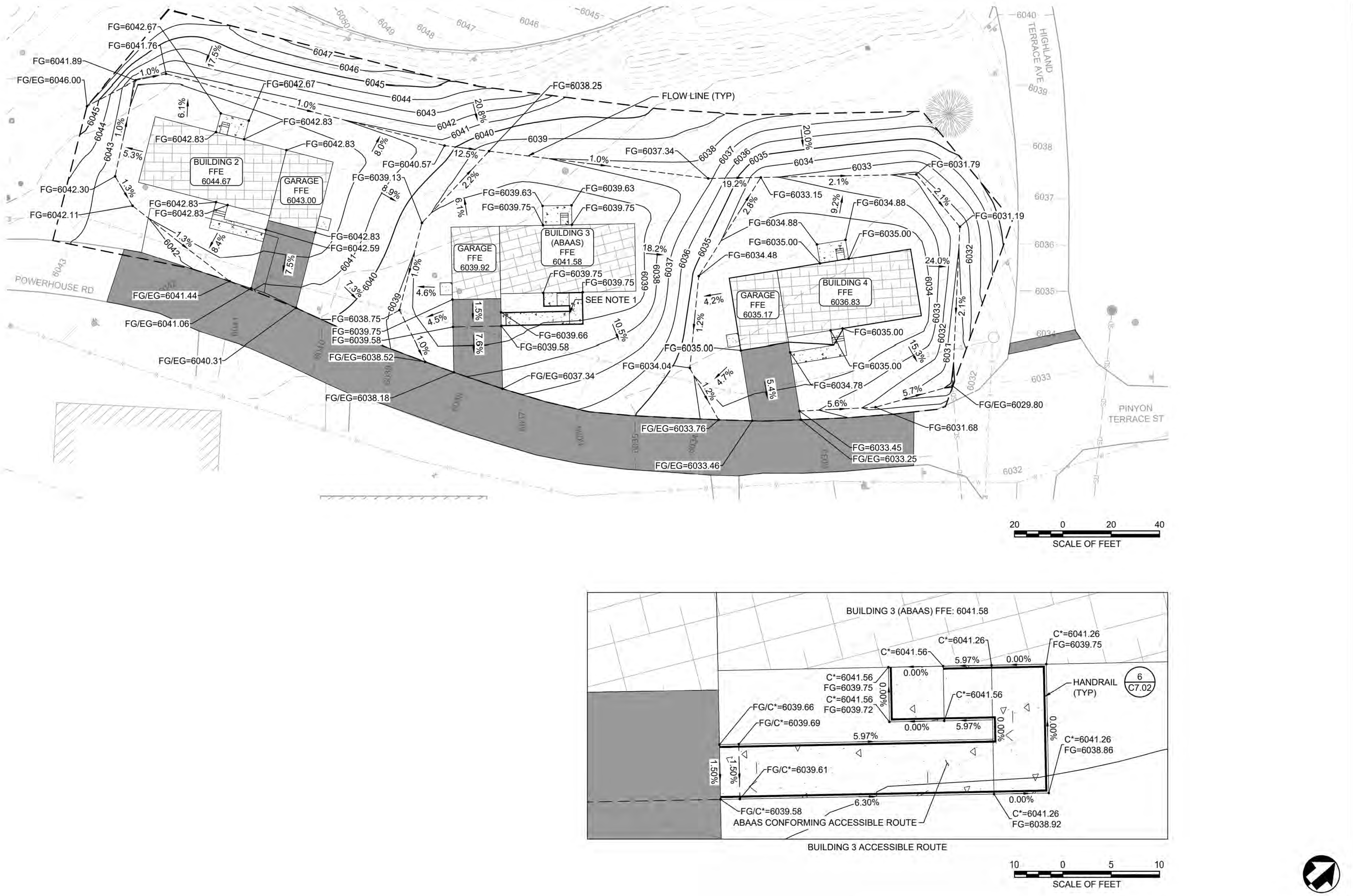
SUB SHEET NO.
C4.01

TITLE OF SHEET
MAMMOTH GRADING
SHEET 1 OF 2
YELLOWSTONE NATIONAL PARK

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

IDENTICAL

PLOT DATE: 6/18/2026 2:17 PM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\MAMMOTH\C4.02_MAMMOTH_GRADING_2.DWG



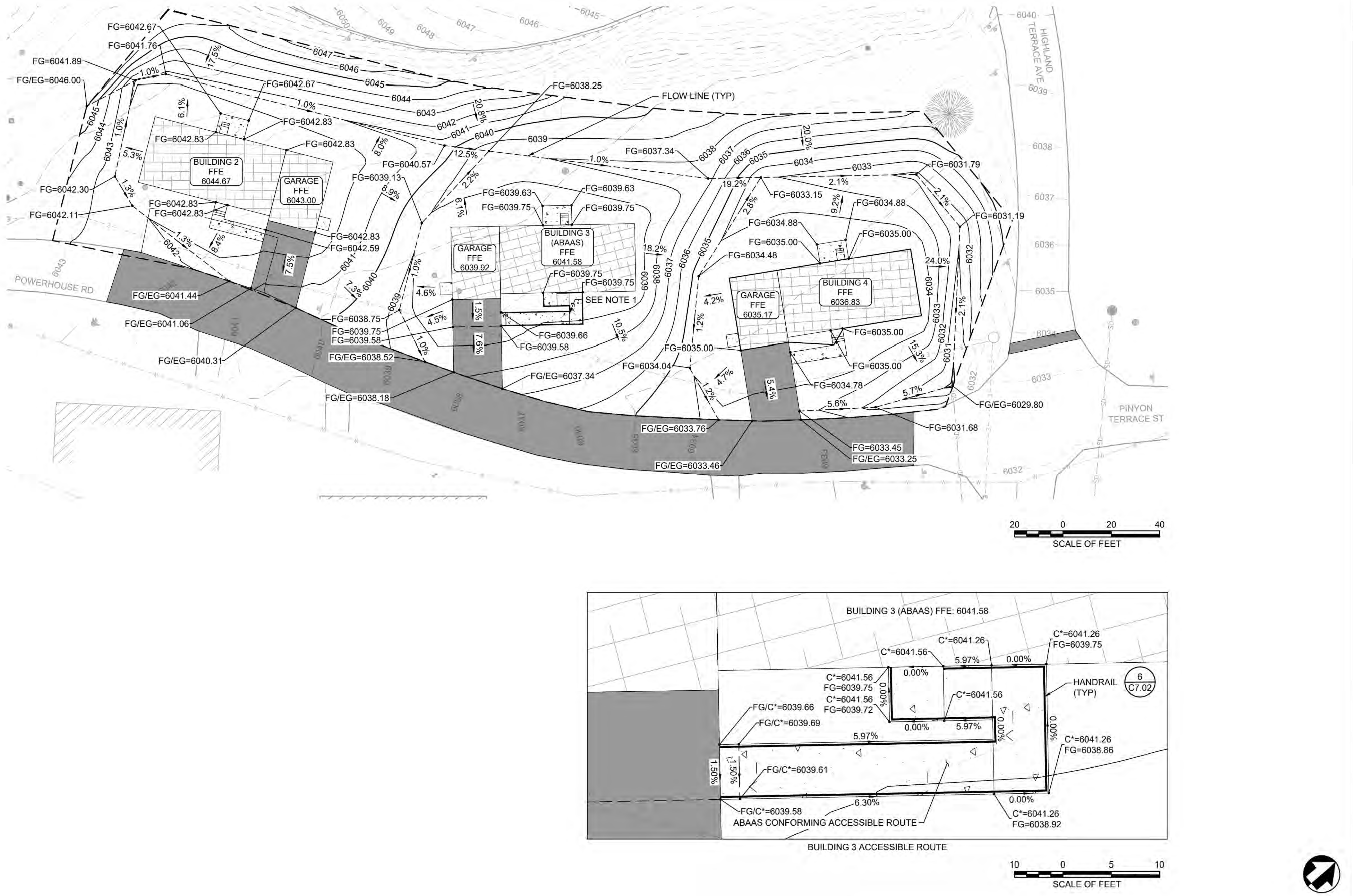
BUILDING 3 ACCESSIBLE ROUTE

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.

JESSE CARLSON 20110 WYOMING
Date 6/18/26

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	C4.02	MAMMOTH GRADING SHEET 2 OF 2 YELLOWSTONE NATIONAL PARK	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\CADV2022\DRAWINGS\CIVIL\MAMMOTH\C4.02_MAMMOTH_GRADING_2.DWG

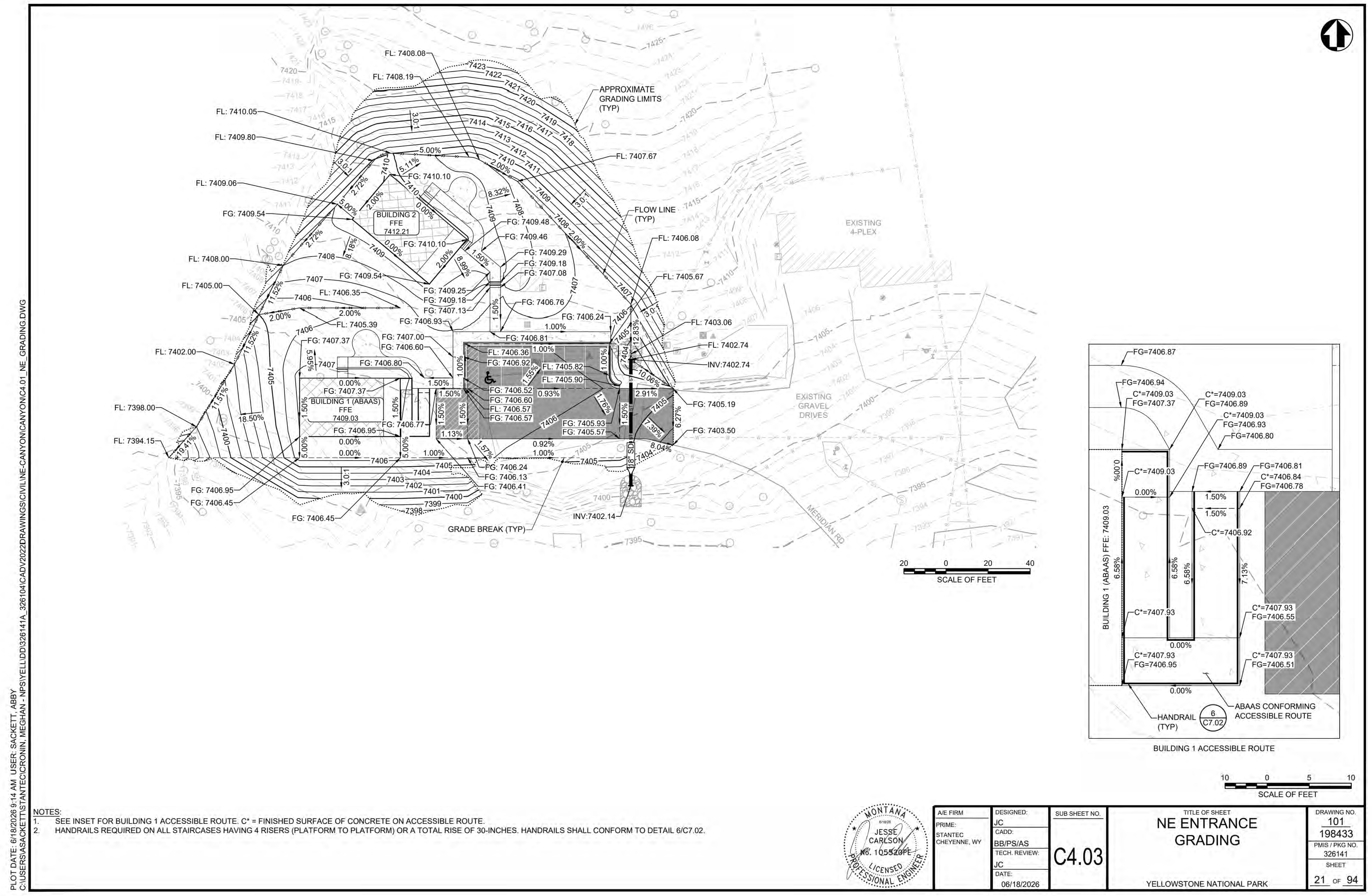


BUILDING 3 ACCESSIBLE ROUTE

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.

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

IDENTICAL

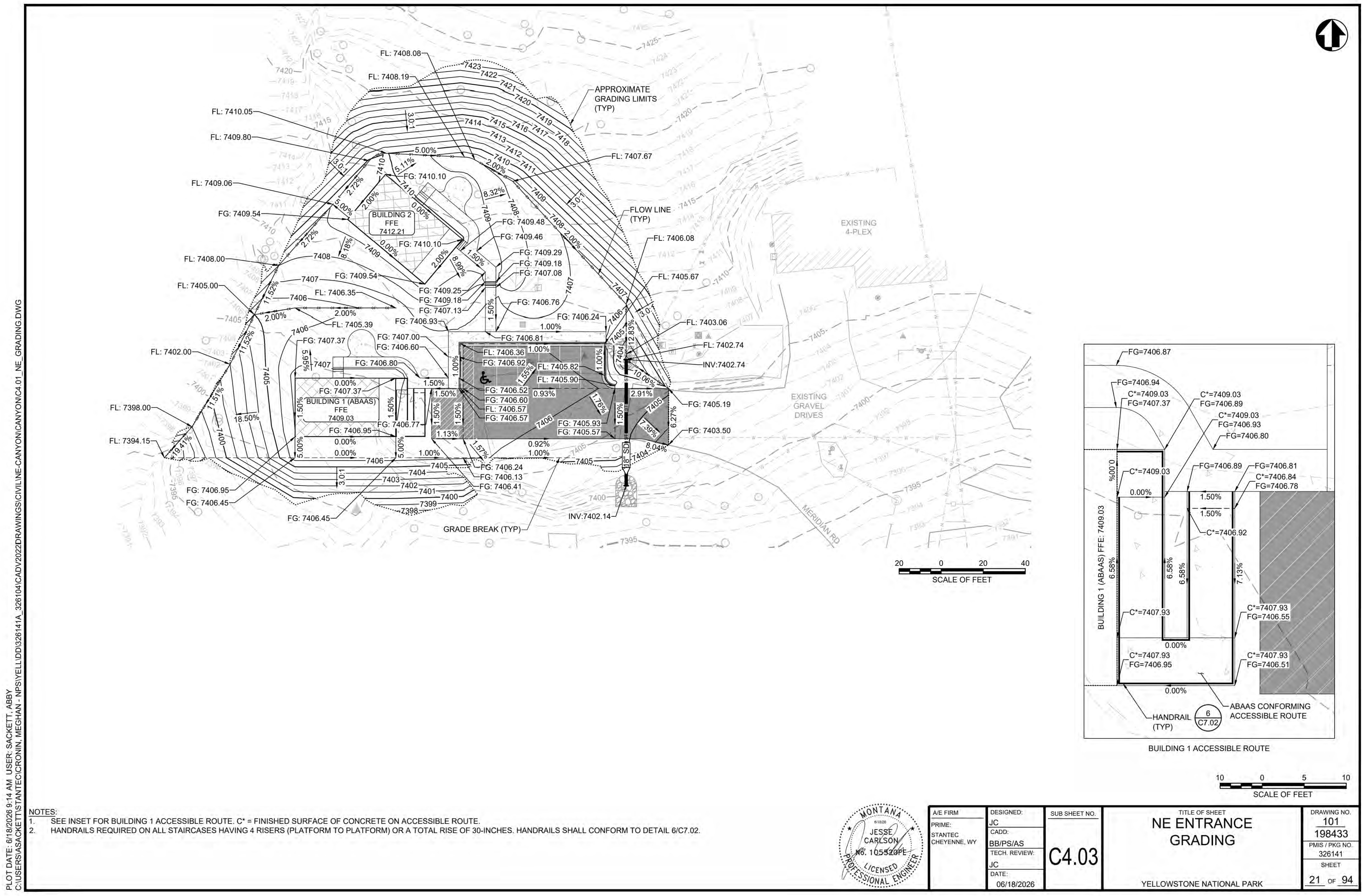

PLOT DATE: 6/18/2026 9:14 AM USER: SACKETT, ABBY
APPROXIMATE GRADING LIMITS (TYP)
FLOW LINE (TYP)
BUILDING 2 FFE 7412.21
BUILDING 1 (ABAAS) FFE 7409.03
EXISTING 4-PLEX
EXISTING GRAVEL DRIVES
GRADE BREAK (TYP)
INV:7402.14
INV:7402.74
SCALE OF FEET
HANDRAIL (TYP)
ABAAS CONFORMING ACCESSIBLE ROUTE
BUILDING 1 ACCESSIBLE ROUTE

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
JESSE CARLSON
No. 105520PE
LICENSED PROFESSIONAL ENGINEER

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	C4.03	NE ENTRANCE GRADING YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 21 OF 94


NOTES:

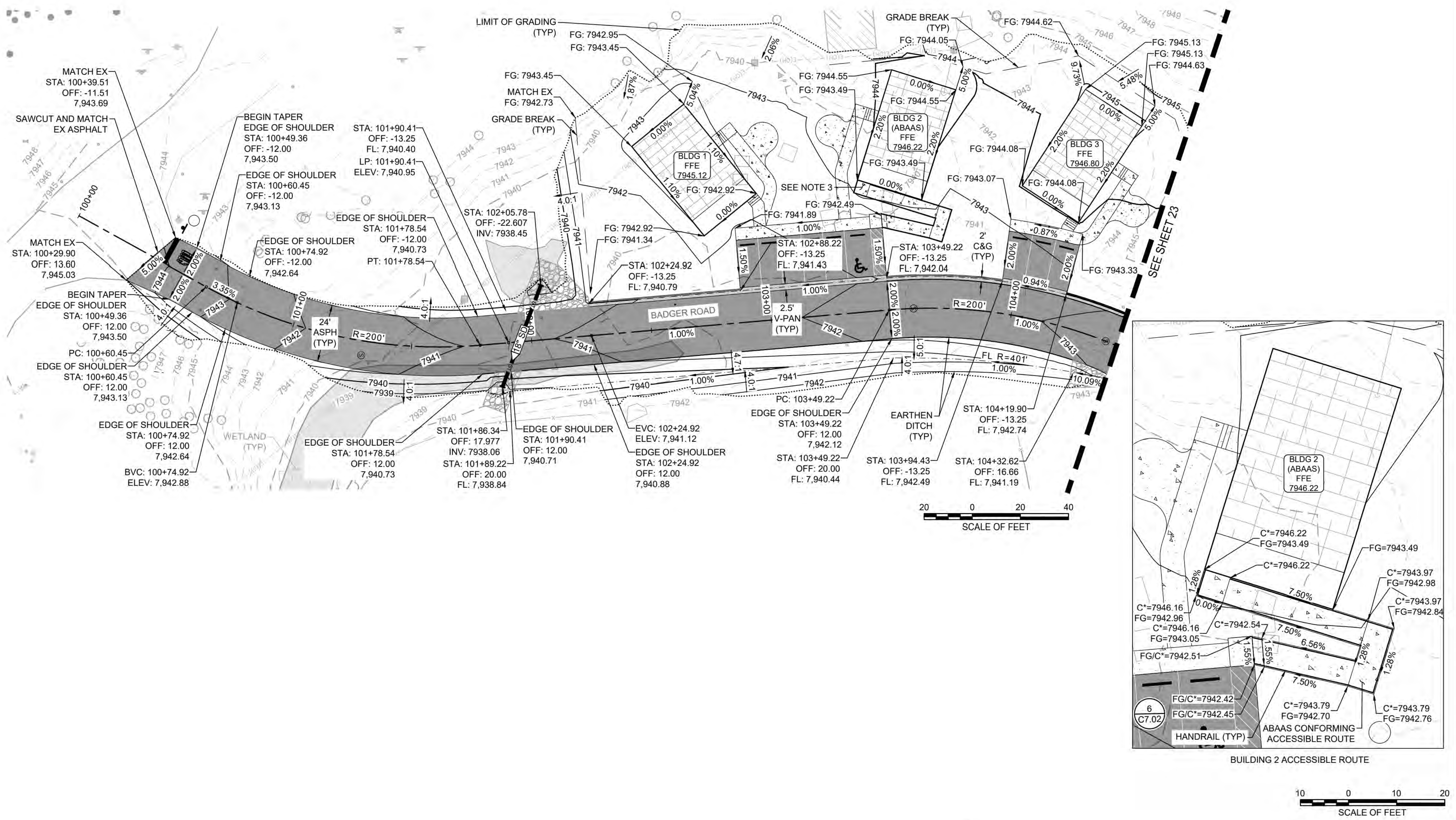
1. SEE INSET FOR BUILDING 1 ACCESSIBLE ROUTE. C* = FINISHED SURFACE OF CONCRETE ON ACCESSIBLE ROUTE.
2. HANDRAILS REQUIRED ON ALL STAIRCASES HAVING 4 RISERS (PLATFORM TO PLATFORM) OR A TOTAL RISE OF 30-INCHES. HANDRAILS SHALL CONFORM TO DETAIL 6/C7.02.

NE ENTRANCE GRADING
YELLOWSTONE NATIONAL PARK
C4.03
21 OF 94

DELTADOCS

IDENTICAL

PLOT DATE: 6/18/2026 9:14 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C4.03_CANYON_GRADING_1.DWG

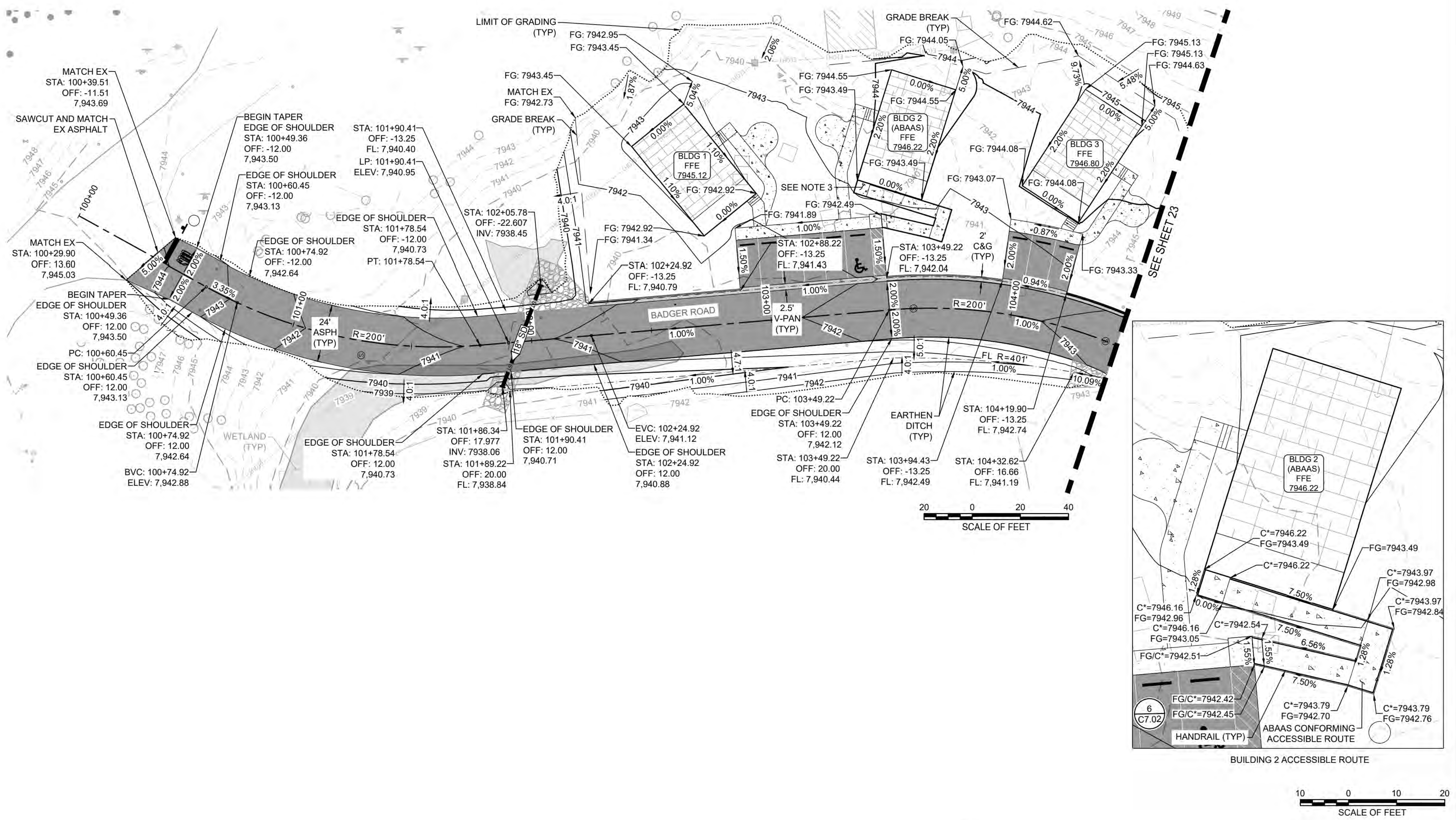

MATCH EX
STA: 100+39.51
OFF: -11.51
7,943.69
SAWCUT AND MATCH EX ASPHALT
BEGIN TAPER EDGE OF SHOULDER STA: 100+49.36 OFF: -12.00 7,943.50
EDGE OF SHOULDER STA: 100+60.45 OFF: -12.00 7,943.13
EDGE OF SHOULDER STA: 100+74.92 OFF: -12.00 7,942.64
MATCH EX STA: 100+29.90 OFF: 13.60 7,945.03
BEGIN TAPER EDGE OF SHOULDER STA: 100+49.36 OFF: 12.00 7,943.50
PC: 100+60.45
EDGE OF SHOULDER STA: 100+60.45 OFF: 12.00 7,943.13
EDGE OF SHOULDER STA: 100+74.92 OFF: 12.00 7,942.64
BVC: 100+74.92 ELEV: 7,942.88
100+00
101+00
24' ASPH (TYP)
R=200'
WETLAND (TYP)
STA: 101+90.41 OFF: -13.25 FL: 7,940.40
LP: 101+90.41 ELEV: 7,940.95
EDGE OF SHOULDER STA: 101+78.54 OFF: -12.00 7,940.73
PT: 101+78.54
STA: 102+05.78 OFF: -22.607 INV: 7938.45
EDGE OF SHOULDER STA: 101+78.54 OFF: 12.00 7,940.73
STA: 101+86.34 OFF: 17.977 INV: 7938.06
STA: 101+89.22 OFF: 20.00 FL: 7,938.84
EDGE OF SHOULDER STA: 101+90.41 OFF: 12.00 7,940.71
18" SD
LIMIT OF GRADING (TYP)
FG: 7942.95
FG: 7943.45
FG: 7943.45
MATCH EX FG: 7942.73
GRADE BREAK (TYP)
BLDG 1 FFE 7945.12
FG: 7942.92
FG: 7942.92
FG: 7941.34
STA: 102+24.92 OFF: -13.25 FL: 7,940.79
EVC: 102+24.92 ELEV: 7,941.12
EDGE OF SHOULDER STA: 102+24.92 OFF: 12.00 7,940.88
BADGER ROAD
FG: 7941.89
SEE NOTE 3
FG: 7942.49
STA: 102+88.22 OFF: -13.25 FL: 7,941.43
103+00
2.5' V-PAN (TYP)
PC: 103+49.22
EDGE OF SHOULDER STA: 103+49.22 OFF: 12.00 7,942.12
STA: 103+49.22 OFF: 20.00 FL: 7,940.44
GRADE BREAK (TYP)
FG: 7944.05
FG: 7944.55
FG: 7943.49
FG: 7944.55
BLDG 2 (ABAAS) FFE 7946.22
FG: 7943.49
STA: 103+49.22 OFF: -13.25 FL: 7,942.04
2' C&G (TYP)
EARTHEN DITCH (TYP)
STA: 103+94.43 OFF: -13.25 FL: 7,942.49
FG: 7944.62
FG: 7945.13
FG: 7945.13
FG: 7944.63
FG: 7944.08
BLDG 3 FFE 7946.80
FG: 7943.07
FG: 7944.08
FG: 7943.33
104+00
R=200'
FL R=401'
STA: 104+19.90 OFF: -13.25 FL: 7,942.74
STA: 104+32.62 OFF: 16.66 FL: 7,941.19
SEE SHEET 23
20 0 20 40
SCALE OF FEET
BLDG 2 (ABAAS) FFE 7946.22
C*=7946.22 FG=7943.49
C*=7946.22
FG=7943.49
C*=7943.97 FG=7942.98
C*=7943.97 FG=7942.84
C*=7946.16 FG=7942.96
C*=7946.16 FG=7943.05
C*=7942.54
FG/C*=7942.51
7.50%
6.56%
FG/C*=7942.42
FG/C*=7942.45
HANDRAIL (TYP)
6 C7.02
C*=7943.79 FG=7942.70
ABAAS CONFORMING ACCESSIBLE ROUTE
C*=7943.79 FG=7942.76
BUILDING 2 ACCESSIBLE ROUTE
10 0 10 20
SCALE OF FEET

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.

JESSE CARLSON 20110 6/18/26

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

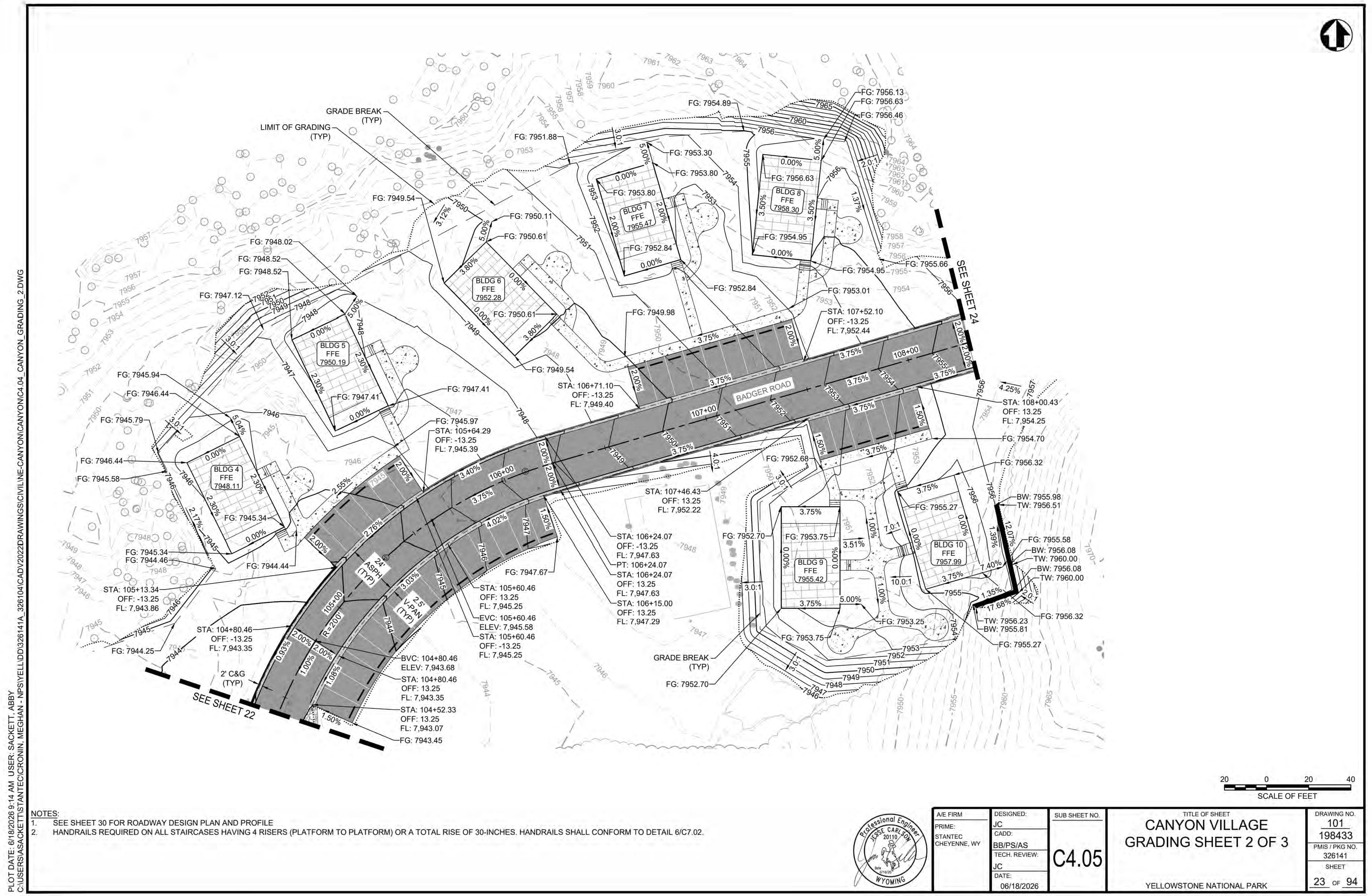
PLOT DATE: 6/18/2026 9:14 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C4.03_CANYON_GRADING_1.DWG



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.

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

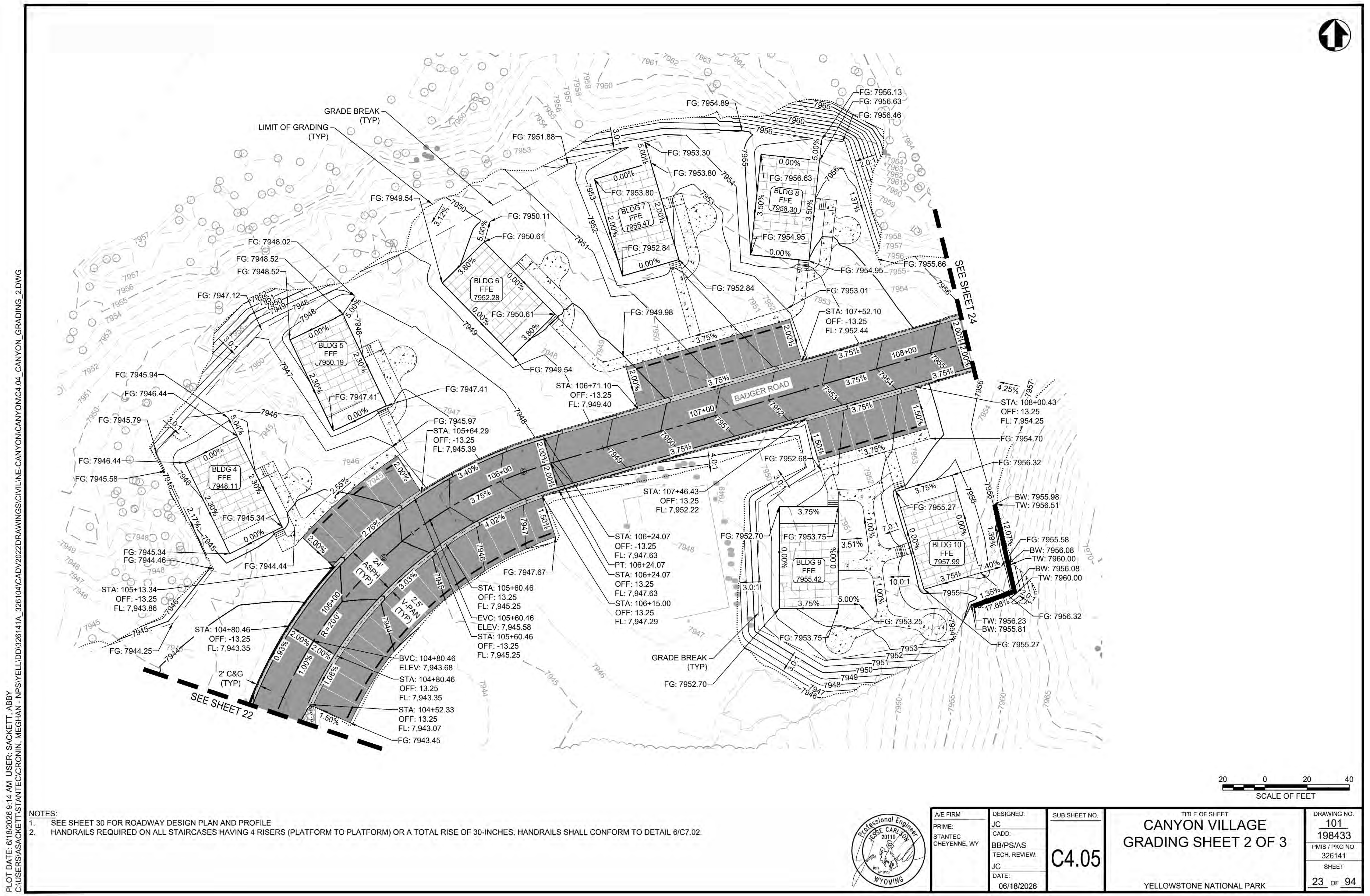
IDENTICAL



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

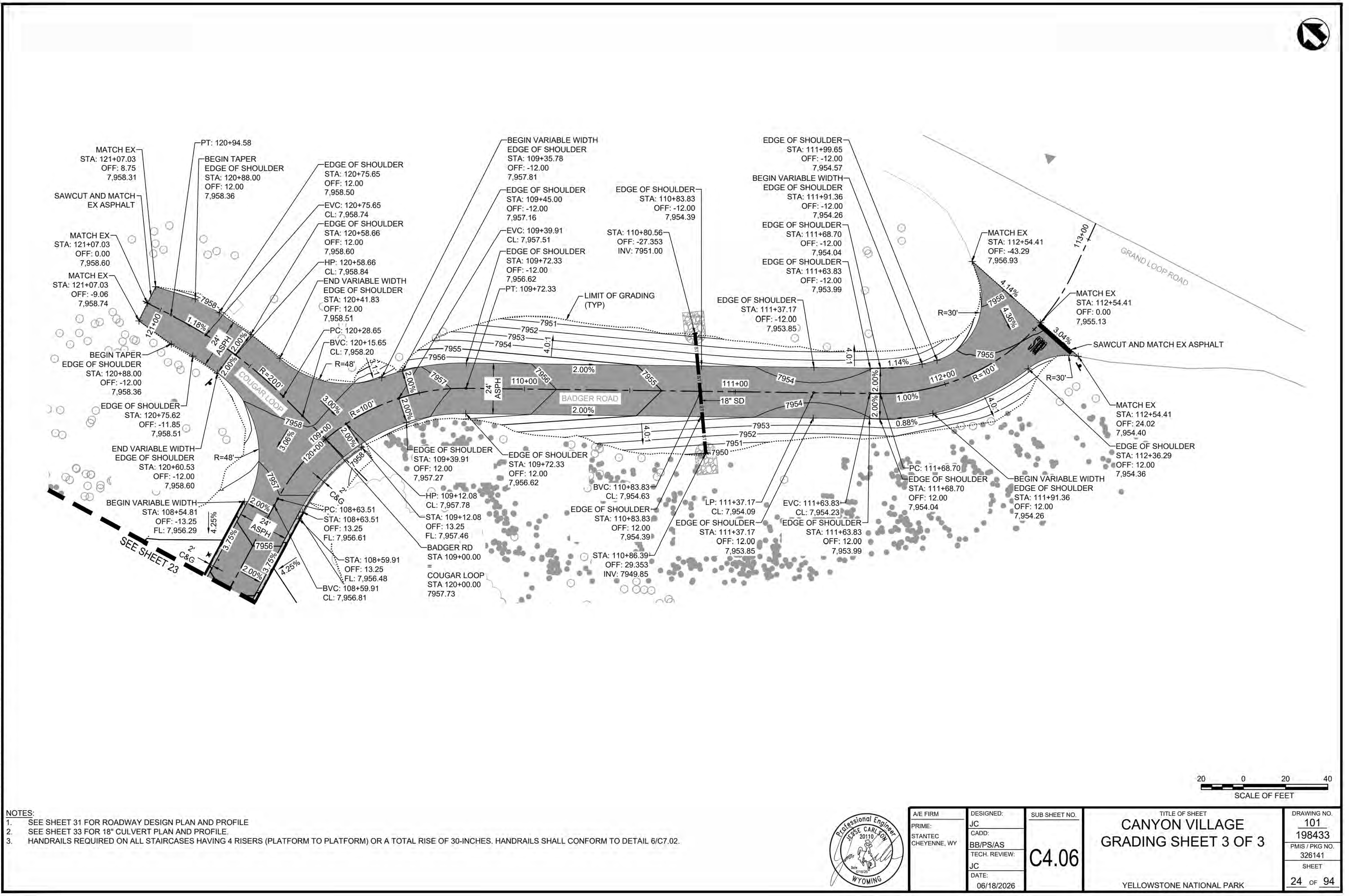
A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/18/2026	SUB SHEET NO. C4.05	TITLE OF SHEET CANYON VILLAGE GRADING SHEET 2 OF 3 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 23 OF 94


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.

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

DELTADOCS

IDENTICAL

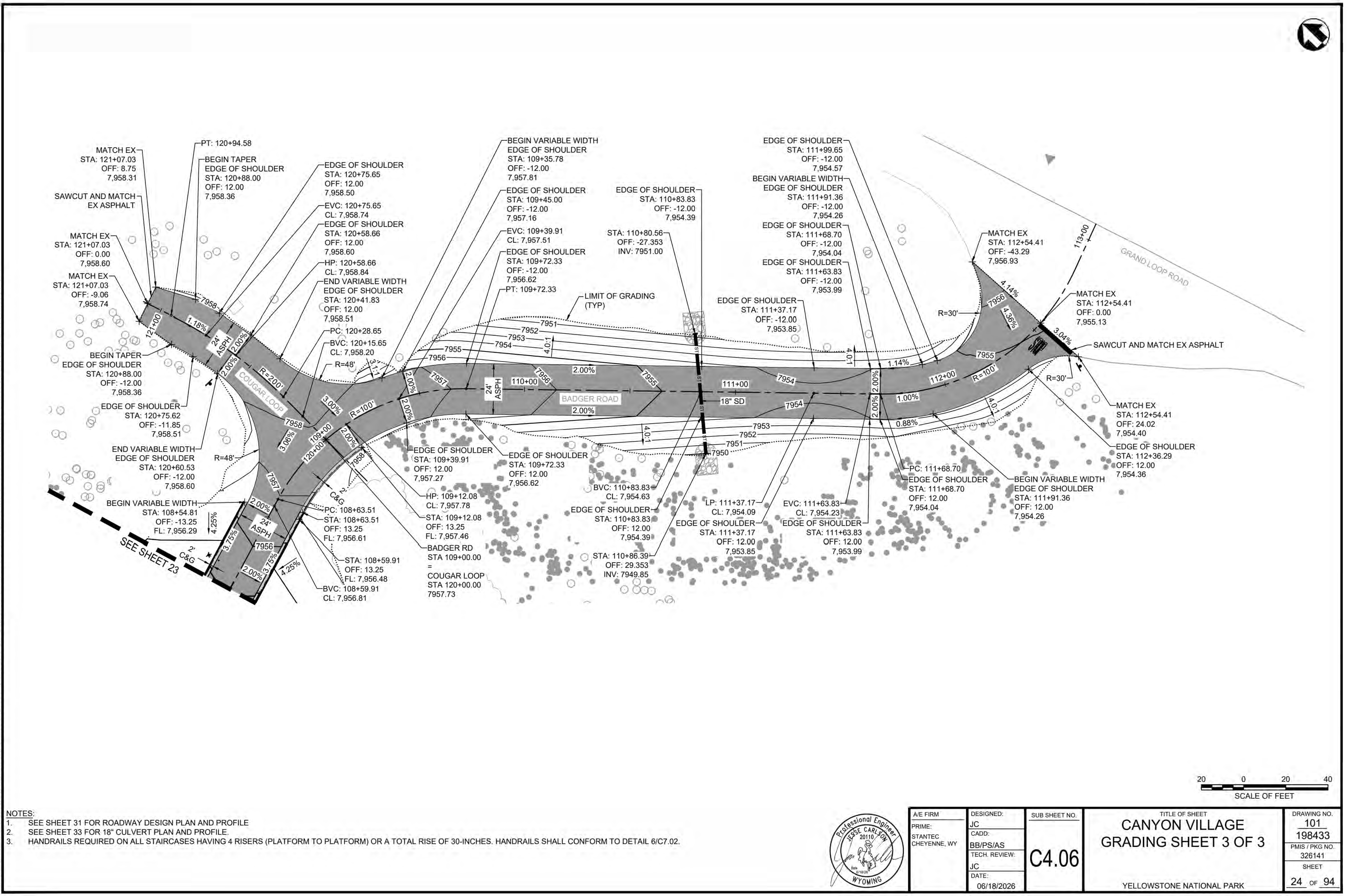


PLOT DATE: 6/18/2026 9:15 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C4.05_CANYON_GRADING_3.DWG

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.

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

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


PLOT DATE: 6/18/2026 9:15 AM USER: SACKETT, ABBY
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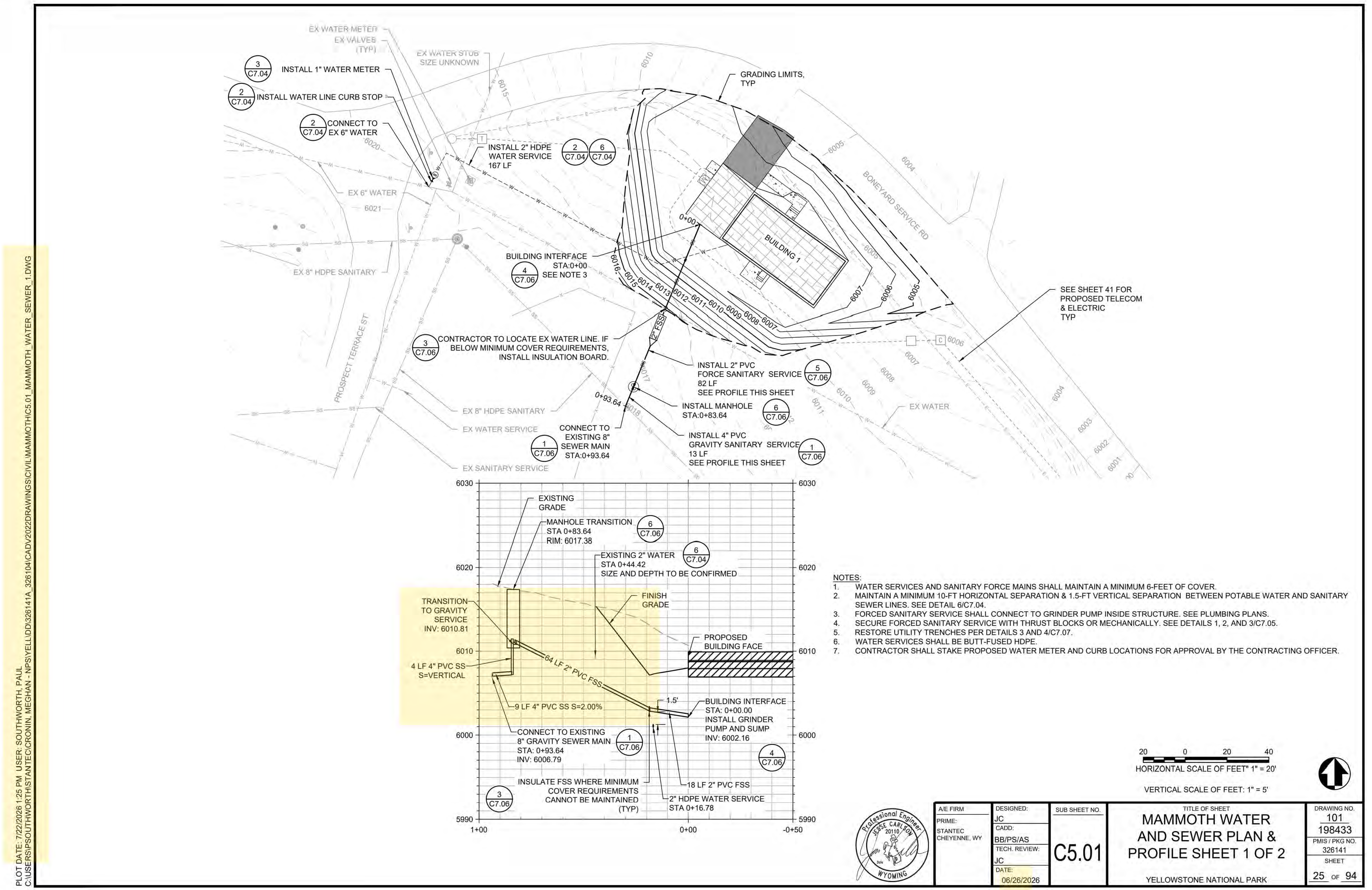
NOTES:
1. SEE SHEET 31 FOR ROADWAY DESIGN PLAN AND PROFILE
2. SEE SHEET 33 FOR 18" CULVERT PLAN AND PROFILE.
3. HANDRAILS REQUIRED ON ALL STAIRCASES HAVING 4 RISERS (PLATFORM TO PLATFORM) OR A TOTAL RISE OF 30-INCHES. HANDRAILS SHALL CONFORM TO DETAIL 6/C7.02.

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

DELTADOCS

VERSION A


EX WATER METER
EX VALVES (TYP)
EX WATER STUB SIZE UNKNOWN
3 C7.04 INSTALL 1" WATER METER
2 C7.04 INSTALL WATER LINE CURB STOP
2 C7.04 CONNECT TO EX 6" WATER
INSTALL 2" HDPE WATER SERVICE 167 LF 2 C7.04 6 C7.04
GRADING LIMITS, TYP
EX 6" WATER
EX 8" HDPE SANITARY
BUILDING 1
BONEYARD SERVICE RD
BUILDING INTERFACE STA:0+00 SEE NOTE 3 4 C7.06
SEE SHEET 41 FOR PROPOSED TELECOM & ELECTRIC TYP
3 C7.06 CONTRACTOR TO LOCATE EX WATER LINE. IF BELOW MINIMUM COVER REQUIREMENTS, INSTALL INSULATION BOARD.
PROSPECT TERRACE ST
2" FSS
INSTALL 2" PVC FORCE SANITARY SERVICE 82 LF SEE PROFILE THIS SHEET 5 C7.06
INSTALL MANHOLE STA:0+83.64 6 C7.06
0+93.64
CONNECT TO EXISTING 8" SEWER MAIN STA:0+93.64 1 C7.06
INSTALL 4" PVC GRAVITY SANITARY SERVICE 13 LF SEE PROFILE THIS SHEET 1 C7.06
EX 8" HDPE SANITARY
EX WATER SERVICE
EX SANITARY SERVICE
EX WATER
EXISTING GRADE
MANHOLE TRANSITION STA 0+83.64 RIM: 6017.38 6 C7.06
EXISTING 2" WATER STA 0+44.42 SIZE AND DEPTH TO BE CONFIRMED 6 C7.04
TRANSITION TO GRAVITY SERVICE INV: 6010.81
FINISH GRADE
PROPOSED BUILDING FACE
4 LF 4" PVC SS S=VERTICAL
64 LF 2" PVC FSS
9 LF 4" PVC SS S=2.00%
1.5'
BUILDING INTERFACE STA: 0+00.00 INSTALL GRINDER PUMP AND SUMP INV: 6002.16
CONNECT TO EXISTING 8" GRAVITY SEWER MAIN STA: 0+93.64 INV: 6006.79 1 C7.06
4 C7.06
INSULATE FSS WHERE MINIMUM COVER REQUIREMENTS CANNOT BE MAINTAINED (TYP)
18 LF 2" PVC FSS
2" HDPE WATER SERVICE STA 0+16.78
3 C7.06
6030
6020
6010
6000
5990
1+00
0+00
-0+50
20 0 20 40

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.

HORIZONTAL SCALE OF FEET" 1" = 20'

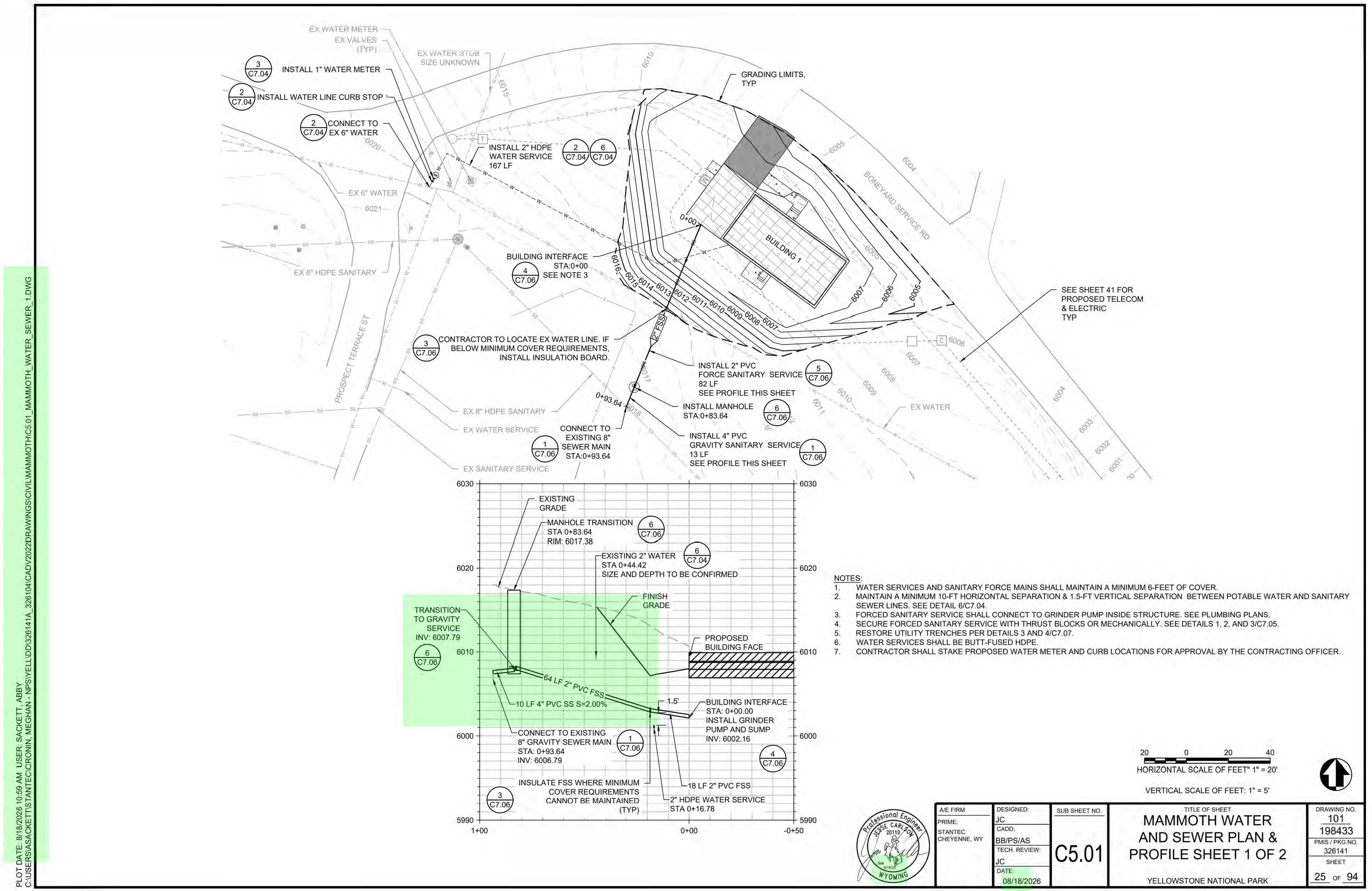
VERTICAL SCALE OF FEET: 1" = 5'

PLOT DATE: 7/22/2026 1:25 PM USER: SOUTHWORTH, PAUL
C:\USERS\PSOUTHWORTH\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTH\C5.01_MAMMOTH_WATER_SEWER_1.DWG

JESSE CARLSON
20110

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

VERSION B


EX WATER METER
EX VALVES (TYP)
EX WATER STUB SIZE UNKNOWN
3 C7.04 INSTALL 1" WATER METER
2 C7.04 INSTALL WATER LINE CURB STOP
2 C7.04 CONNECT TO EX 6" WATER
INSTALL 2" HDPE WATER SERVICE 167 LF 2 C7.04 6 C7.04
GRADING LIMITS, TYP
EX 6" WATER
EX 8" HDPE SANITARY
BUILDING 1
BONEYARD SERVICE RD
BUILDING INTERFACE STA:0+00 SEE NOTE 3 4 C7.06
SEE SHEET 41 FOR PROPOSED TELECOM & ELECTRIC TYP
3 C7.06 CONTRACTOR TO LOCATE EX WATER LINE. IF BELOW MINIMUM COVER REQUIREMENTS, INSTALL INSULATION BOARD.
PROSPECT TERRACE ST
2" FSS
INSTALL 2" PVC FORCE SANITARY SERVICE 82 LF SEE PROFILE THIS SHEET 5 C7.06
INSTALL MANHOLE STA:0+83.64 6 C7.06
0+93.64
CONNECT TO EXISTING 8" SEWER MAIN STA:0+93.64 1 C7.06
INSTALL 4" PVC GRAVITY SANITARY SERVICE 13 LF SEE PROFILE THIS SHEET 1 C7.06
EX 8" HDPE SANITARY
EX WATER SERVICE
EX SANITARY SERVICE
EX WATER
EXISTING GRADE
MANHOLE TRANSITION STA 0+83.64 RIM: 6017.38 6 C7.06
EXISTING 2" WATER STA 0+44.42 SIZE AND DEPTH TO BE CONFIRMED 6 C7.04
TRANSITION TO GRAVITY SERVICE INV: 6007.79
6 C7.06
FINISH GRADE
PROPOSED BUILDING FACE
64 LF 2" PVC FSS
10 LF 4" PVC SS S=2.00%
1.5'
BUILDING INTERFACE STA: 0+00.00 INSTALL GRINDER PUMP AND SUMP INV: 6002.16
CONNECT TO EXISTING 8" GRAVITY SEWER MAIN STA: 0+93.64 INV: 6006.79 1 C7.06
4 C7.06
INSULATE FSS WHERE MINIMUM COVER REQUIREMENTS CANNOT BE MAINTAINED (TYP)
18 LF 2" PVC FSS
2" HDPE WATER SERVICE STA 0+16.78
3 C7.06
6030
6020
6010
6000
5990
1+00
0+00
-0+50
20 0 20 40

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.

HORIZONTAL SCALE OF FEET" 1" = 20'

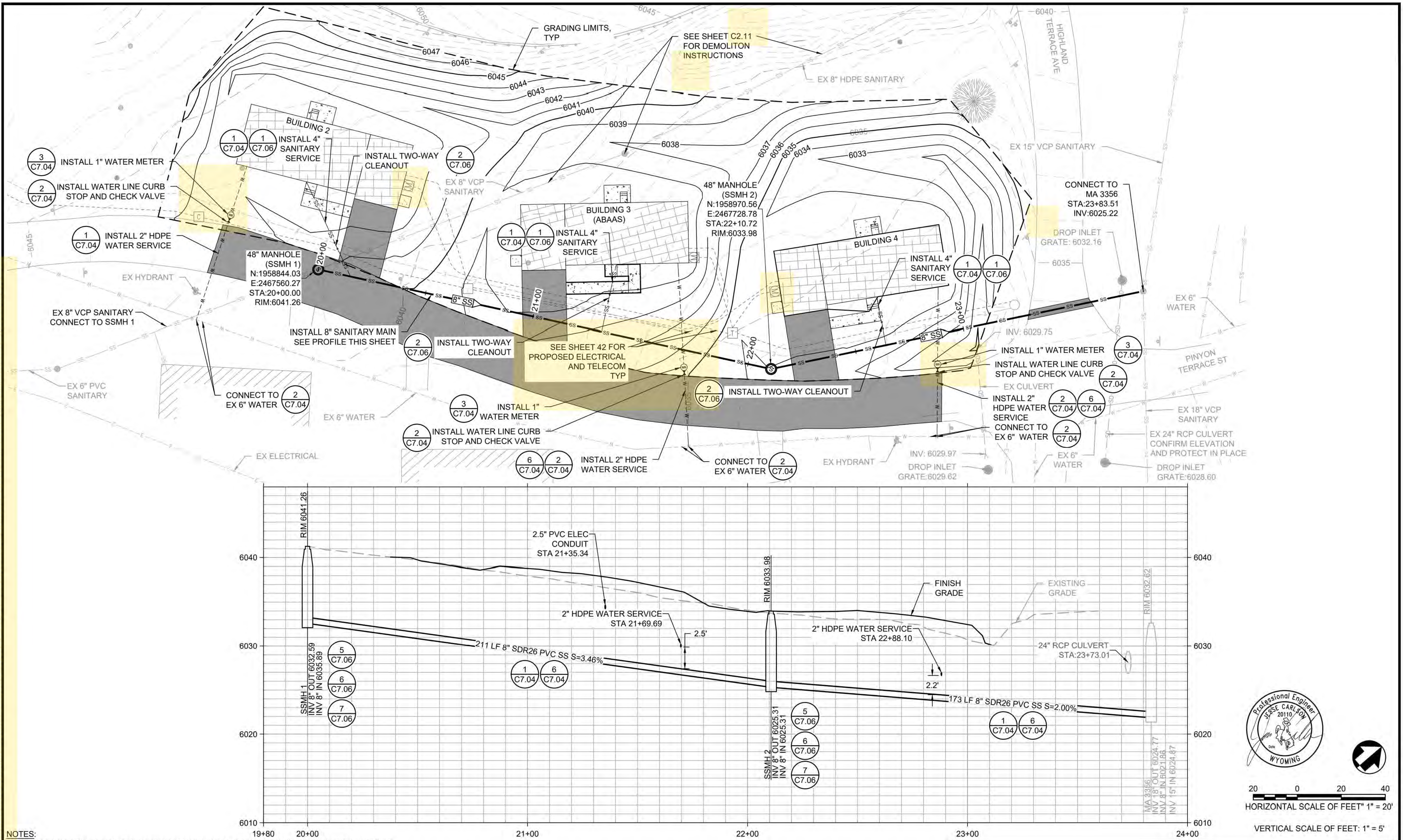
VERTICAL SCALE OF FEET: 1" = 5'

PLOT DATE: 8/18/2026 10:59 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\MAMMOTH\C5.01_MAMMOTH_WATER_SEWER_1.DWG

JESSE CARLSON
20110
Date 8/18/26

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 08/18/2026	C5.01	MAMMOTH WATER AND SEWER PLAN & PROFILE SHEET 1 OF 2 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 25 OF 94

VERSION A


GRADING LIMITS, TYP
SEE SHEET C2.11 FOR DEMOLITON INSTRUCTIONS
EX 8" HDPE SANITARY
HIGHLAND TERRACE AVE
6047
6046
6045
6044
6043
6042
6041
6040
6039
6038
6037
6036
6035
6034
6033
BUILDING 2
BUILDING 3 (ABAAS)
BUILDING 4
INSTALL 1" WATER METER
INSTALL WATER LINE CURB STOP AND CHECK VALVE
INSTALL 2" HDPE WATER SERVICE
INSTALL 4" SANITARY SERVICE
INSTALL TWO-WAY CLEANOUT
EX 8" VCP SANITARY
48" MANHOLE (SSMH 1) N:1958844.03 E:2467560.27 STA:20+00.00 RIM:6041.26
48" MANHOLE (SSMH 2) N:1958970.56 E:2467728.78 STA:22+10.72 RIM:6033.98
EX 15" VCP SANITARY
CONNECT TO MA 3356 STA:23+83.51 INV:6025.22
DROP INLET GRATE: 6032.16
EX HYDRANT
EX 8" VCP SANITARY CONNECT TO SSMH 1
INSTALL 8" SANITARY MAIN SEE PROFILE THIS SHEET
SEE SHEET 42 FOR PROPOSED ELECTRICAL AND TELECOM TYP
INV: 6029.75
EX 6" WATER
PINYON TERRACE ST
EX CULVERT
INSTALL 2" HDPE WATER SERVICE
CONNECT TO EX 6" WATER
EX 18" VCP SANITARY
EX 24" RCP CULVERT CONFIRM ELEVATION AND PROTECT IN PLACE
EX 6" PVC SANITARY
EX 6" WATER
EX ELECTRICAL
INV: 6029.97
DROP INLET GRATE:6029.62
DROP INLET GRATE:6028.60
8" SS
20+00
21+00
22+00
23+00
C7.04
C7.06
RIM 6041.26
2.5" PVC ELEC CONDUIT STA 21+35.34
2" HDPE WATER SERVICE STA 21+69.69
2.5'
211 LF 8" SDR26 PVC SS S=3.46%
RIM 6033.98
2" HDPE WATER SERVICE STA 22+88.10
2.2'
173 LF 8" SDR26 PVC SS S=2.00%
FINISH GRADE
EXISTING GRADE
24" RCP CULVERT STA:23+73.01
RIM 6032.62
SSMH 1 INV 8" OUT 6032.59 INV 8" IN 6035.89
SSMH 2 INV 8" OUT 6025.31 INV 8" IN 6025.31
MA 3356 INV 18" OUT 6024.77 INV 8" IN 6021.86 INV 15" IN 6024.87
6040
6030
6020
6010
19+80
20+00
21+00
22+00
23+00
24+00
Professional Engineer JESSE CARLSON 20110 WYOMING
20 0 20 40
HORIZONTAL SCALE OF FEET" 1" = 20'
VERTICAL SCALE OF FEET: 1" = 5'

PLOT DATE: 7/21/2026 2:42 PM USER: SOUTHWORTH, PAUL
C:\USERS\PSOUTHWORTH\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\MAMMOTH\C5.02_MAMMOTH_WATER_SEWER_2.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.

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
DATE: 06/26/2026

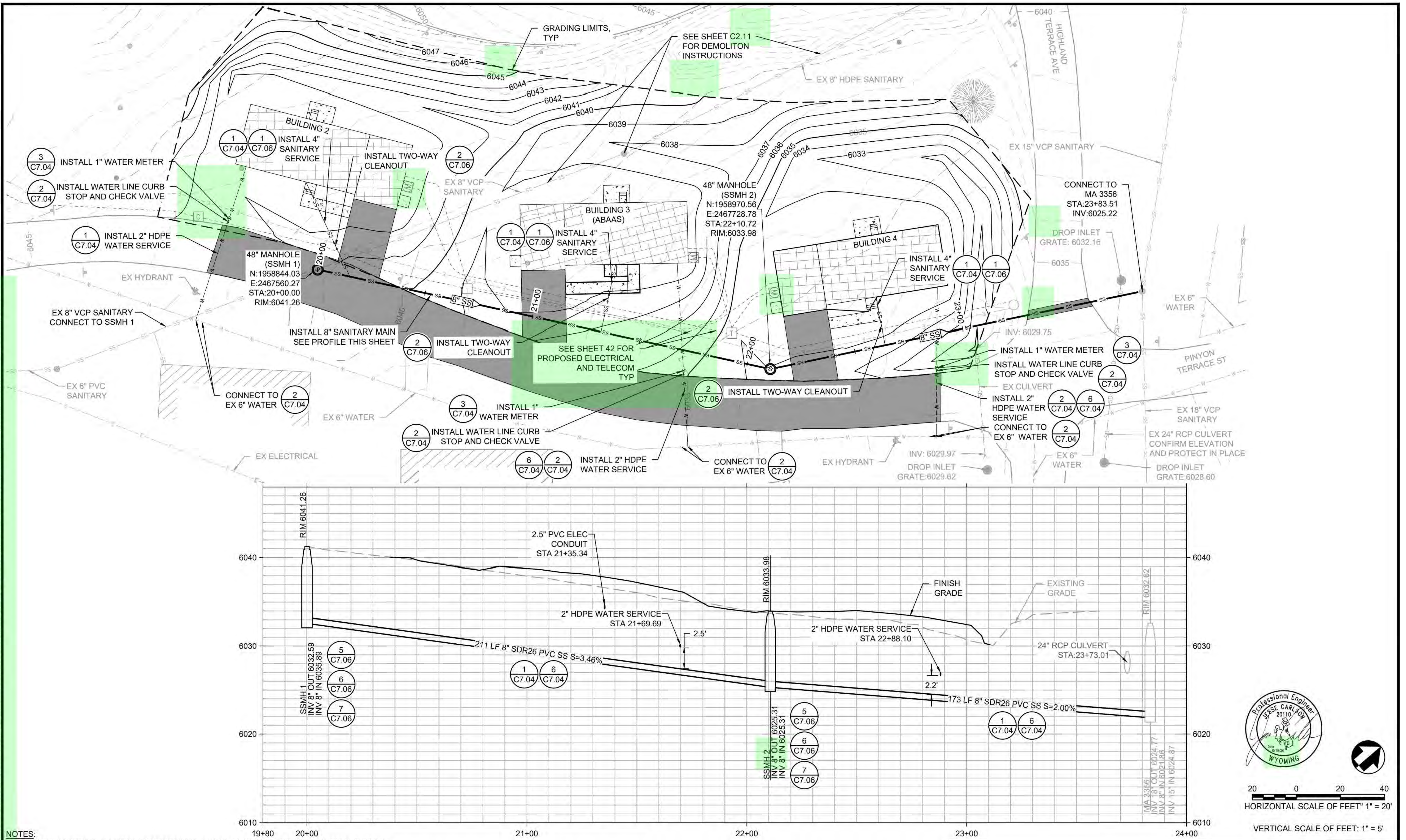
SUB SHEET NO.
C5.02

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

VERSION B


GRADING LIMITS, TYP
SEE SHEET C2.11 FOR DEMOLITON INSTRUCTIONS
EX 8" HDPE SANITARY
HIGHLAND TERRACE AVE
6047
6046
6045
6044
6043
6042
6041
6040
6039
6038
6037
6036
6035
6034
6033
BUILDING 2
BUILDING 3 (ABAAS)
BUILDING 4
INSTALL 1" WATER METER
INSTALL WATER LINE CURB STOP AND CHECK VALVE
INSTALL 2" HDPE WATER SERVICE
INSTALL 4" SANITARY SERVICE
INSTALL TWO-WAY CLEANOUT
EX 8" VCP SANITARY
48" MANHOLE (SSMH 1) N:1958844.03 E:2467560.27 STA:20+00.00 RIM:6041.26
48" MANHOLE (SSMH 2) N:1958970.56 E:2467728.78 STA:22+10.72 RIM:6033.98
EX 15" VCP SANITARY
CONNECT TO MA 3356 STA:23+83.51 INV:6025.22
DROP INLET GRATE: 6032.16
EX HYDRANT
EX 8" VCP SANITARY CONNECT TO SSMH 1
INSTALL 8" SANITARY MAIN SEE PROFILE THIS SHEET
SEE SHEET 42 FOR PROPOSED ELECTRICAL AND TELECOM TYP
INV: 6029.75
EX 6" WATER
PINYON TERRACE ST
EX CULVERT
INSTALL 2" HDPE WATER SERVICE
CONNECT TO EX 6" WATER
EX 18" VCP SANITARY
EX 24" RCP CULVERT CONFIRM ELEVATION AND PROTECT IN PLACE
EX 6" PVC SANITARY
EX 6" WATER
EX ELECTRICAL
INV: 6029.97
DROP INLET GRATE:6029.62
DROP INLET GRATE:6028.60
8" SS
20+00
21+00
22+00
23+00
C7.04
C7.06
RIM 6041.26
2.5" PVC ELEC CONDUIT STA 21+35.34
2" HDPE WATER SERVICE STA 21+69.69
2.5'
211 LF 8" SDR26 PVC SS S=3.46%
RIM 6033.98
2" HDPE WATER SERVICE STA 22+88.10
2.2'
173 LF 8" SDR26 PVC SS S=2.00%
FINISH GRADE
EXISTING GRADE
24" RCP CULVERT STA:23+73.01
RIM 6032.62
SSMH 1 INV 8" OUT 6032.59 INV 8" IN 6035.89
SSMH 2 INV 8" OUT 6025.31 INV 8" IN 6025.31
MA 3356 INV 18" OUT 6024.77 INV 8" IN 6021.86 INV 15" IN 6024.87
6040
6030
6020
6010
19+80
20+00
21+00
22+00
23+00
24+00
Professional Engineer JESSE CARLSON 20110 WYOMING
20 0 20 40
HORIZONTAL SCALE OF FEET" 1" = 20'
VERTICAL SCALE OF FEET: 1" = 5'

PLOT DATE: 6/18/2026 2:18 PM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\MAMMOTH\C5.02_MAMMOTH_WATER_SEWER_2.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.

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
DATE: 06/18/2026

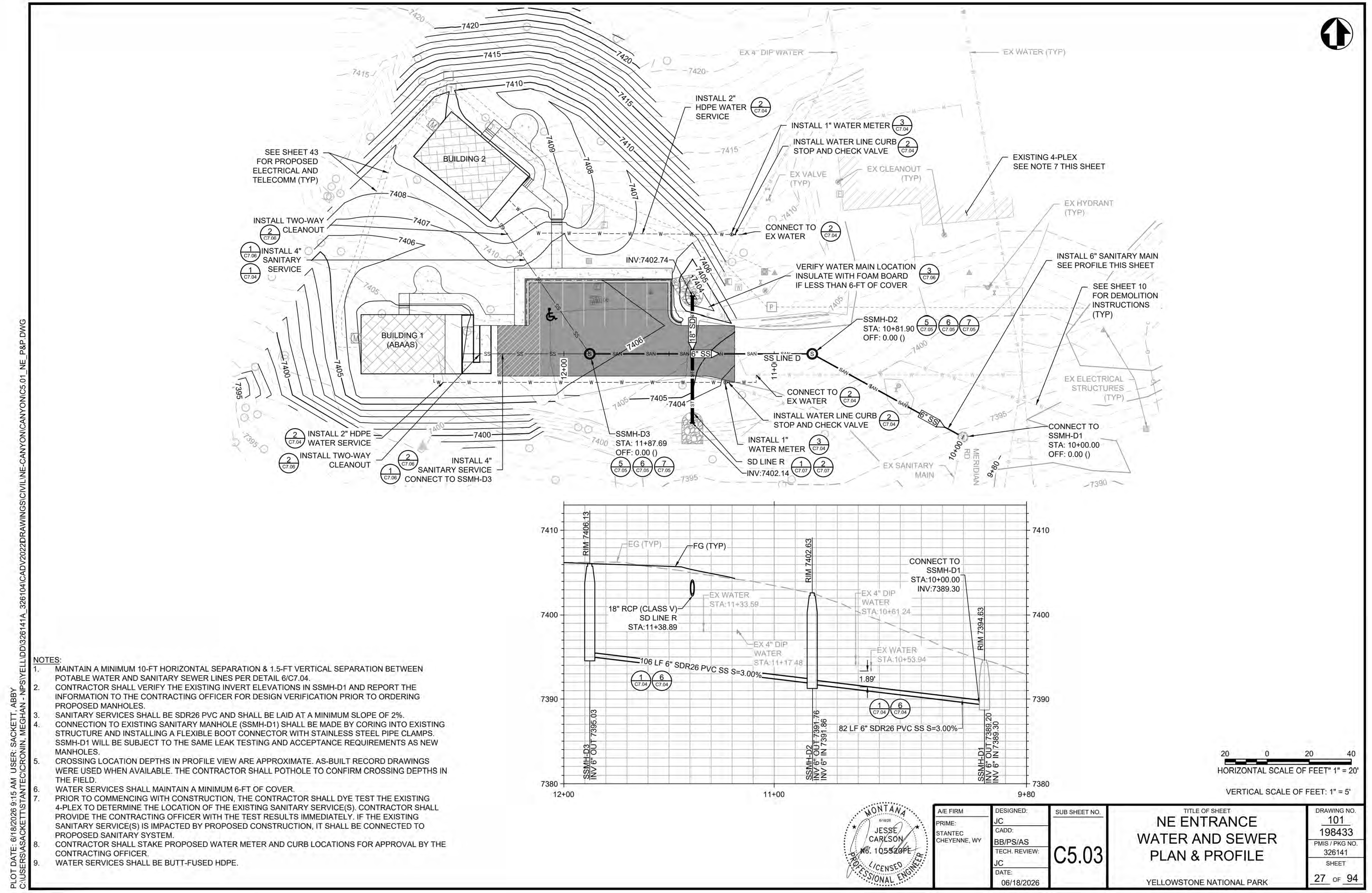
SUB SHEET NO.
C5.02

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

IDENTICAL


7420
7415
7410
7409
7408
7407
7406
7405
7404
7400
7395
7390
BUILDING 2
BUILDING 1 (ABAAS)
SEE SHEET 43 FOR PROPOSED ELECTRICAL AND TELECOMM (TYP)
INSTALL TWO-WAY CLEANOUT 2/C7.06
INSTALL 4" SANITARY SERVICE 1/C7.06 1/C7.04
INSTALL 2" HDPE WATER SERVICE 2/C7.04
INSTALL TWO-WAY CLEANOUT 2/C7.06
INSTALL 4" SANITARY SERVICE CONNECT TO SSMH-D3 2/C7.06 1/C7.06
INSTALL 2" HDPE WATER SERVICE 2/C7.04
INSTALL 1" WATER METER 3/C7.04
INSTALL WATER LINE CURB STOP AND CHECK VALVE 2/C7.04
EX 4" DIP WATER
EX WATER (TYP)
EX VALVE (TYP)
EX CLEANOUT (TYP)
EXISTING 4-PLEX SEE NOTE 7 THIS SHEET
EX HYDRANT (TYP)
CONNECT TO EX WATER 2/C7.04
INV:7402.74
VERIFY WATER MAIN LOCATION INSULATE WITH FOAM BOARD IF LESS THAN 6-FT OF COVER 3/C7.06
INSTALL 6" SANITARY MAIN SEE PROFILE THIS SHEET
SEE SHEET 10 FOR DEMOLITION INSTRUCTIONS (TYP)
SSMH-D2 STA: 10+81.90 OFF: 0.00 () 5/C7.05 6/C7.05 7/C7.05
18" SD
6" SS
SS LINE D
12+00
11+00
10+00
9+80
EX ELECTRICAL STRUCTURES (TYP)
CONNECT TO EX WATER 2/C7.04
INSTALL WATER LINE CURB STOP AND CHECK VALVE 2/C7.04
CONNECT TO SSMH-D1 STA: 10+00.00 OFF: 0.00 ()
SSMH-D3 STA: 11+87.69 OFF: 0.00 () 5/C7.05 6/C7.05 7/C7.05
INSTALL 1" WATER METER 3/C7.04
SD LINE R
INV:7402.14 1/C7.07 2/C7.07
EX SANITARY MAIN
MERIDIAN RD
RIM 7406.13
EG (TYP)
FG (TYP)
RIM 7402.63
CONNECT TO SSMH-D1 STA:10+00.00 INV:7389.30
18" RCP (CLASS V) SD LINE R STA:11+38.89
EX WATER STA:11+33.59
EX 4" DIP WATER STA:10+61.24
EX 4" DIP WATER STA:11+17.48
EX WATER STA:10+53.94
RIM 7394.63
106 LF 6" SDR26 PVC SS S=3.00% 1/C7.04 6/C7.04
1.89'
82 LF 6" SDR26 PVC SS S=3.00% 1/C7.04 6/C7.04
SSMH-D3 INV 6" OUT 7395.03
SSMH-D2 INV 6" OUT 7391.76 INV 6" IN 7391.86
SSMH-D1 INV 6" OUT 7389.20 INV 6" IN 7389.30
7410
7400
7390
7380
12+00
11+00
9+80
20 0 20 40

PLOT DATE: 6/18/2026 9:15 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C5.01_NE_P&P.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.

HORIZONTAL SCALE OF FEET" 1" = 20'

VERTICAL SCALE OF FEET: 1" = 5'

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

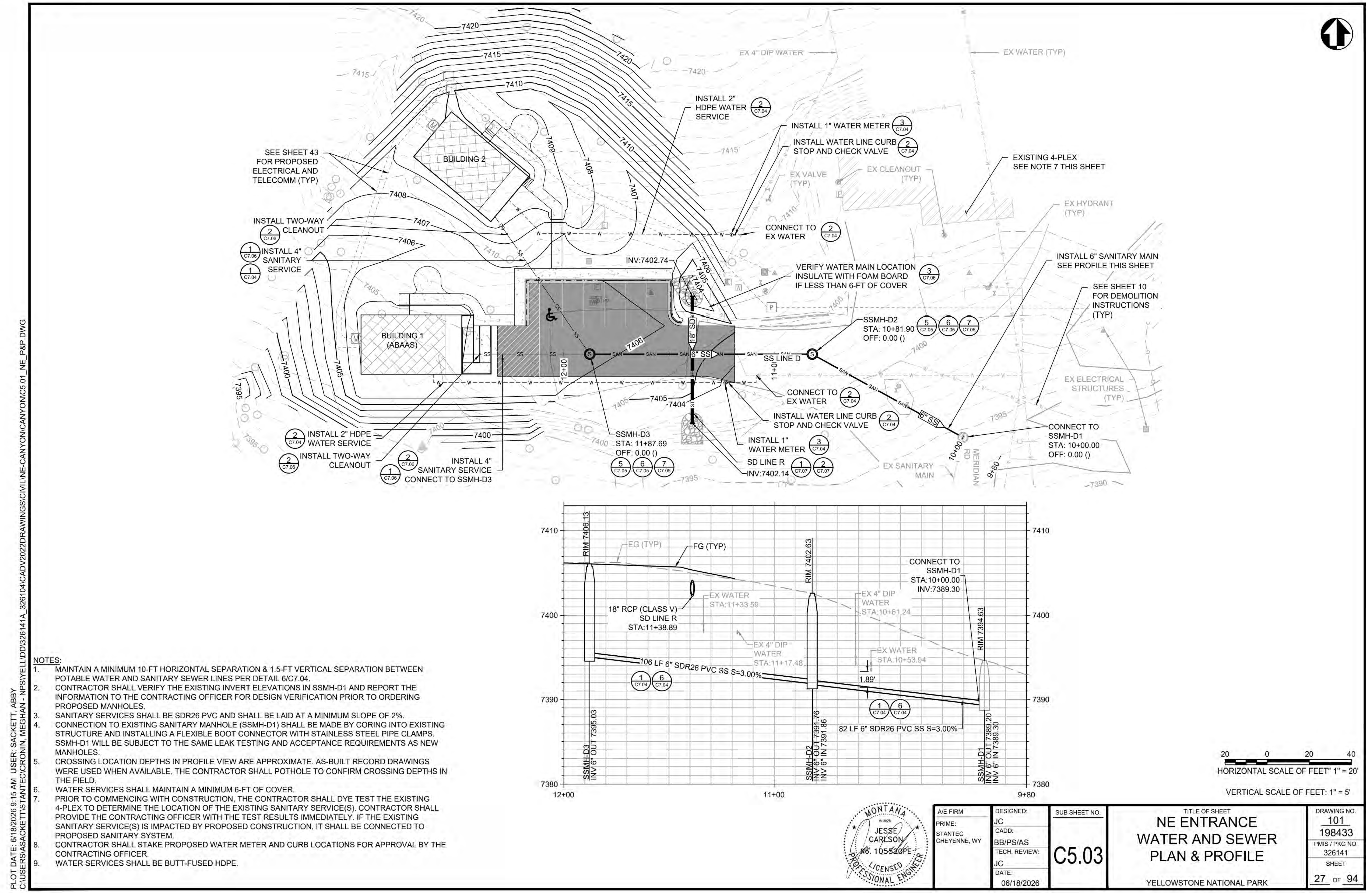
A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

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\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C5.01_NE_P&P.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.

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

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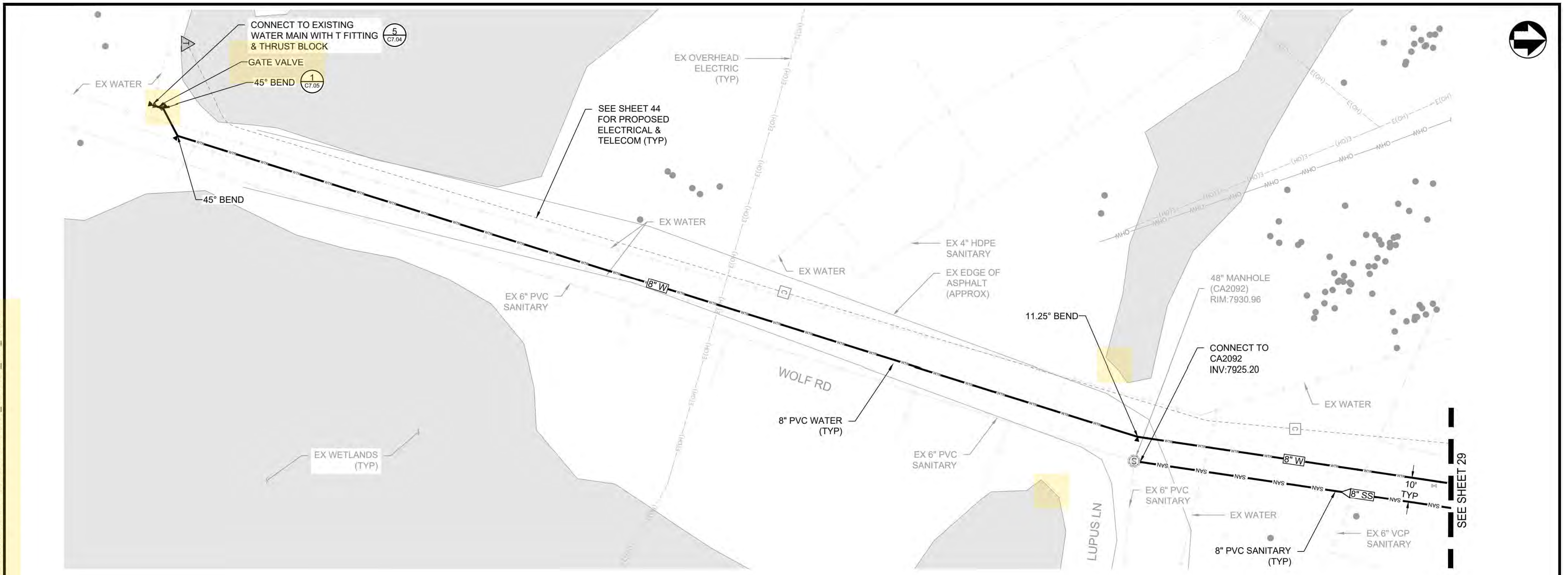
DELTADOCS

VERSION A



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

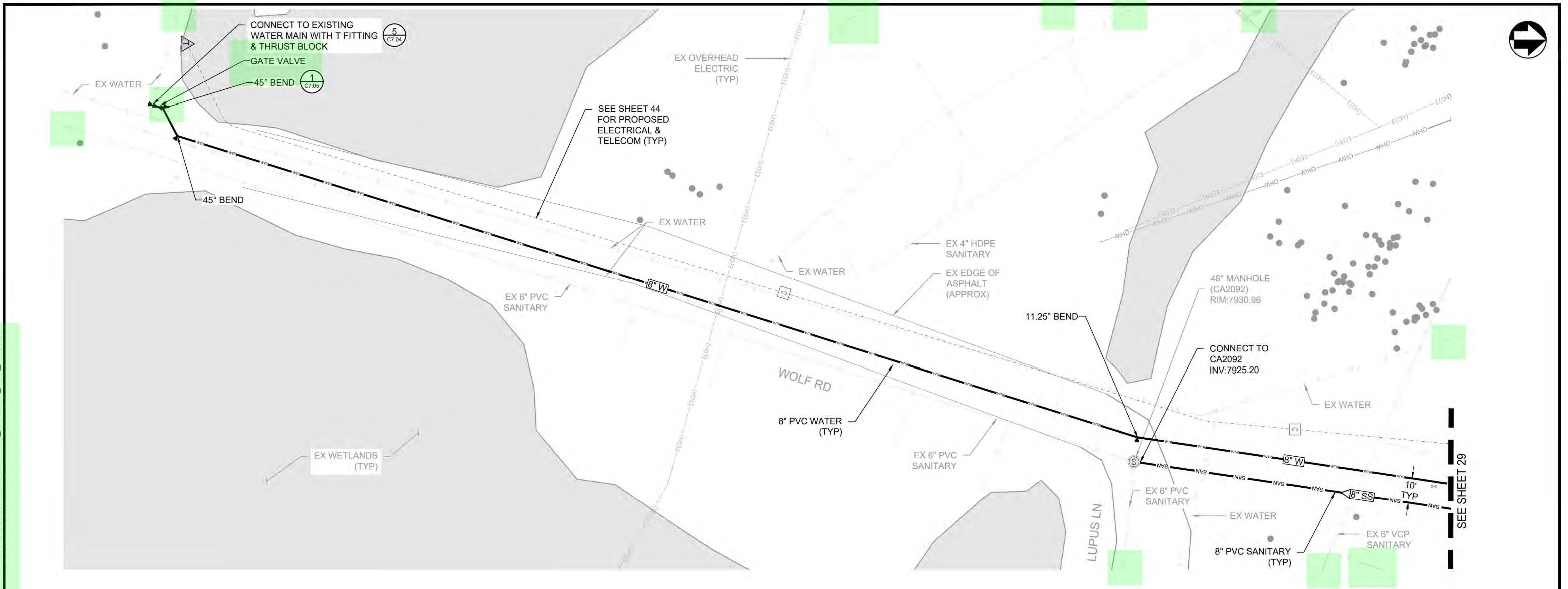
PLOT DATE: 7/9/2026 4:28 PM USER: SOUTHWORTH, PAUL
C:\USERS\PSOUTHWORTH\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\CANYON\C5.02_CANYON_P&P_1.DWG

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	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	C5.04	CANYON VILLAGE PLAN & PROFILE SHEET 1 OF 4 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 28 OF 94

VERSION B



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

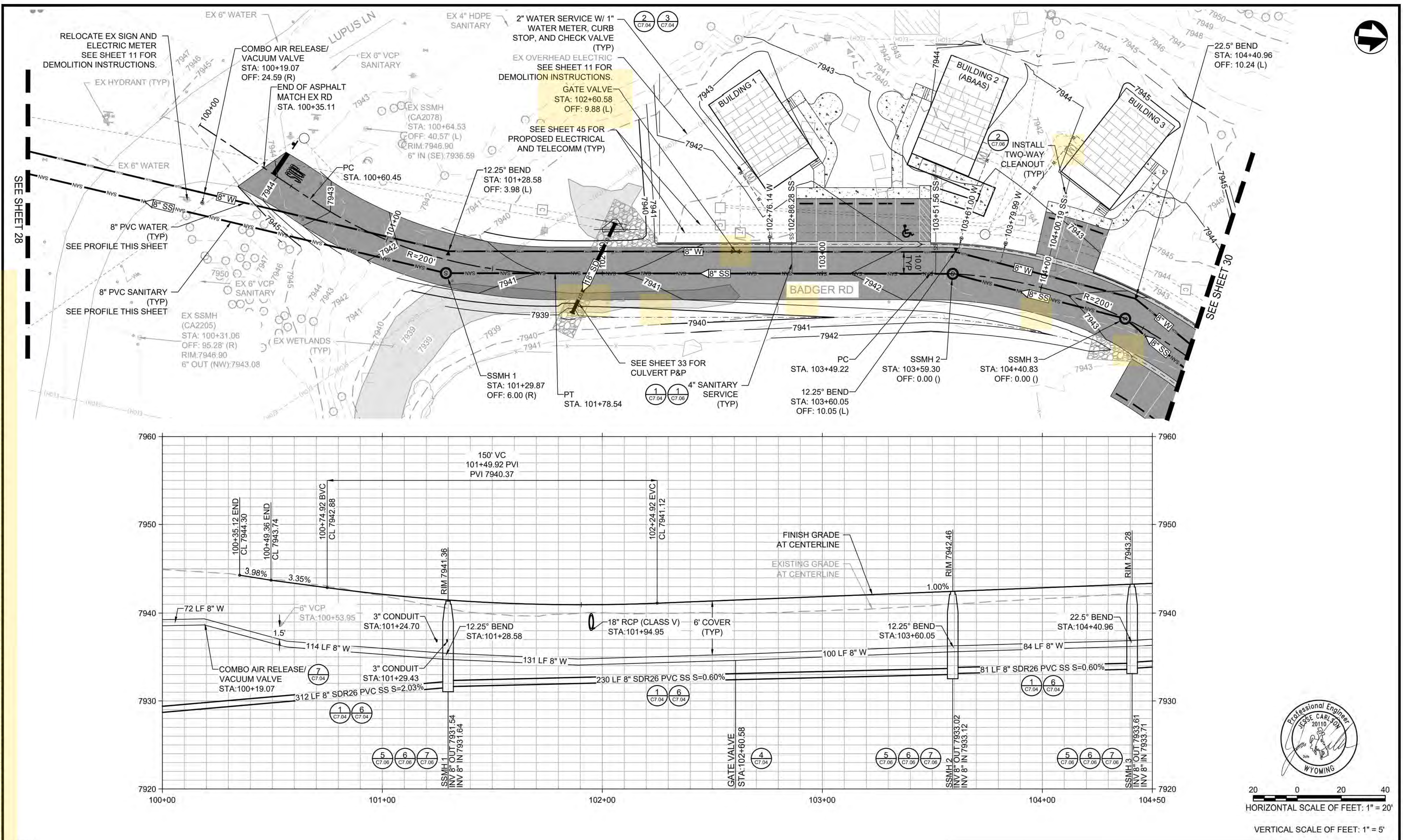
PLOT DATE: 8/18/2026 11:06 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\CANYON\C5.02_CANYON_P&P_1.DWG

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	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME:	JC CADD: AS TECH. REVIEW: JC DATE: 08/18/2026	C5.04	CANYON VILLAGE PLAN & PROFILE SHEET 1 OF 4 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 28 OF 94

VERSION A


RELOCATE EX SIGN AND ELECTRIC METER SEE SHEET 11 FOR DEMOLITION INSTRUCTIONS.
COMBO AIR RELEASE/ VACUUM VALVE STA: 100+19.07 OFF: 24.59 (R)
END OF ASPHALT MATCH EX RD STA. 100+35.11
LUPUS LN
2" WATER SERVICE W/ 1" WATER METER, CURB STOP, AND CHECK VALVE (TYP)
EX OVERHEAD ELECTRIC SEE SHEET 11 FOR DEMOLITION INSTRUCTIONS.
GATE VALVE STA: 102+60.58 OFF: 9.88 (L)
SEE SHEET 45 FOR PROPOSED ELECTRICAL AND TELECOMM (TYP)
BUILDING 1
BUILDING 2 (ABAAS)
BUILDING 3
INSTALL TWO-WAY CLEANOUT (TYP)
22.5° BEND STA: 104+40.96 OFF: 10.24 (L)
SEE SHEET 28
SEE SHEET 30
PC STA. 100+60.45
12.25° BEND STA: 101+28.58 OFF: 3.98 (L)
8" PVC WATER (TYP) SEE PROFILE THIS SHEET
8" PVC SANITARY (TYP) SEE PROFILE THIS SHEET
BADGER RD
SSMH 1 STA: 101+29.87 OFF: 6.00 (R)
PT STA. 101+78.54
SEE SHEET 33 FOR CULVERT P&P
4" SANITARY SERVICE (TYP)
PC STA. 103+49.22
12.25° BEND STA: 103+60.05 OFF: 10.05 (L)
SSMH 2 STA: 103+59.30 OFF: 0.00 ()
SSMH 3 STA: 104+40.83 OFF: 0.00 ()
150' VC 101+49.92 PVI PVI 7940.37
FINISH GRADE AT CENTERLINE
EXISTING GRADE AT CENTERLINE
3.98%
3.35%
1.00%
3" CONDUIT STA:101+24.70
3" CONDUIT STA:101+29.43
18" RCP (CLASS V) STA:101+94.95
6' COVER (TYP)
COMBO AIR RELEASE/ VACUUM VALVE STA:100+19.07
312 LF 8" SDR26 PVC SS S=2.03%
230 LF 8" SDR26 PVC SS S=0.60%
81 LF 8" SDR26 PVC SS S=0.60%
7960
7950
7940
7930
7920
100+00
101+00
102+00
103+00
104+00
104+50
HORIZONTAL SCALE OF FEET: 1" = 20'
VERTICAL SCALE OF FEET: 1" = 5'
WYOMING

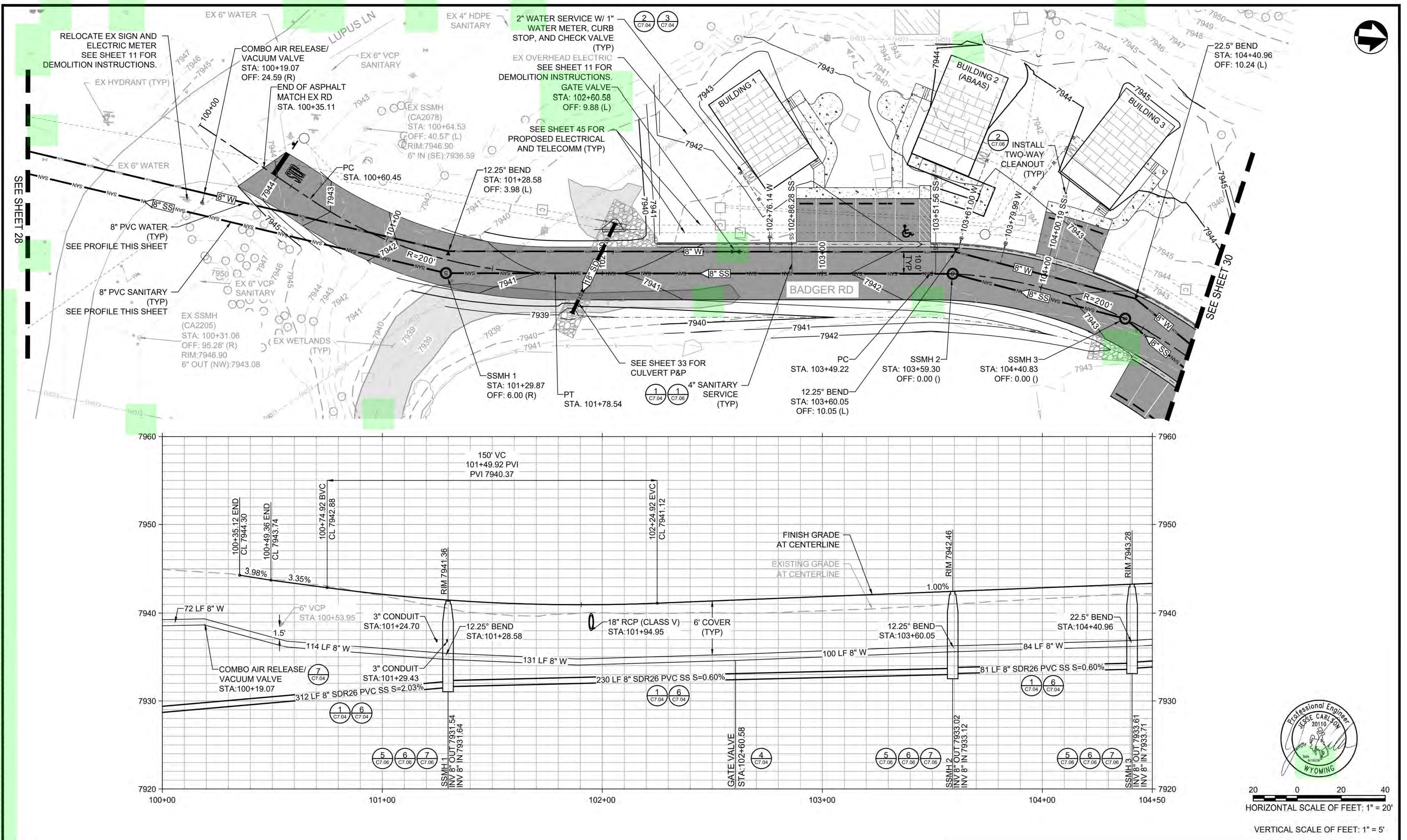
NOTES:

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	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	C5.05	CANYON VILLAGE PLAN & PROFILE SHEET 2 OF 4 YELLOWSTONE NATIONAL PARK	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\CANYON\CANYON\C5.03_CANYON_P&P_2.DWG

VERSION B


RELOCATE EX SIGN AND ELECTRIC METER SEE SHEET 11 FOR DEMOLITION INSTRUCTIONS.
COMBO AIR RELEASE/ VACUUM VALVE STA: 100+19.07 OFF: 24.59 (R)
END OF ASPHALT MATCH EX RD STA. 100+35.11
LUPUS LN
2" WATER SERVICE W/ 1" WATER METER, CURB STOP, AND CHECK VALVE (TYP)
EX OVERHEAD ELECTRIC SEE SHEET 11 FOR DEMOLITION INSTRUCTIONS.
GATE VALVE STA: 102+60.58 OFF: 9.88 (L)
SEE SHEET 45 FOR PROPOSED ELECTRICAL AND TELECOMM (TYP)
BUILDING 1
BUILDING 2 (ABAAS)
BUILDING 3
INSTALL TWO-WAY CLEANOUT (TYP)
22.5° BEND STA: 104+40.96 OFF: 10.24 (L)
SEE SHEET 28
SEE SHEET 30
PC STA. 100+60.45
12.25° BEND STA: 101+28.58 OFF: 3.98 (L)
8" PVC WATER (TYP) SEE PROFILE THIS SHEET
8" PVC SANITARY (TYP) SEE PROFILE THIS SHEET
BADGER RD
SSMH 1 STA: 101+29.87 OFF: 6.00 (R)
PT STA. 101+78.54
SEE SHEET 33 FOR CULVERT P&P
4" SANITARY SERVICE (TYP)
PC STA. 103+49.22
12.25° BEND STA: 103+60.05 OFF: 10.05 (L)
SSMH 2 STA: 103+59.30 OFF: 0.00 ()
SSMH 3 STA: 104+40.83 OFF: 0.00 ()
150' VC 101+49.92 PVI PVI 7940.37
FINISH GRADE AT CENTERLINE
EXISTING GRADE AT CENTERLINE
3.98%
3.35%
1.00%
3" CONDUIT STA:101+24.70
3" CONDUIT STA:101+29.43
18" RCP (CLASS V) STA:101+94.95
6' COVER (TYP)
COMBO AIR RELEASE/ VACUUM VALVE STA:100+19.07
312 LF 8" SDR26 PVC SS S=2.03%
230 LF 8" SDR26 PVC SS S=0.60%
81 LF 8" SDR26 PVC SS S=0.60%
7960
7950
7940
7930
7920
100+00
101+00
102+00
103+00
104+00
104+50
HORIZONTAL SCALE OF FEET: 1" = 20'
VERTICAL SCALE OF FEET: 1" = 5'
WYOMING

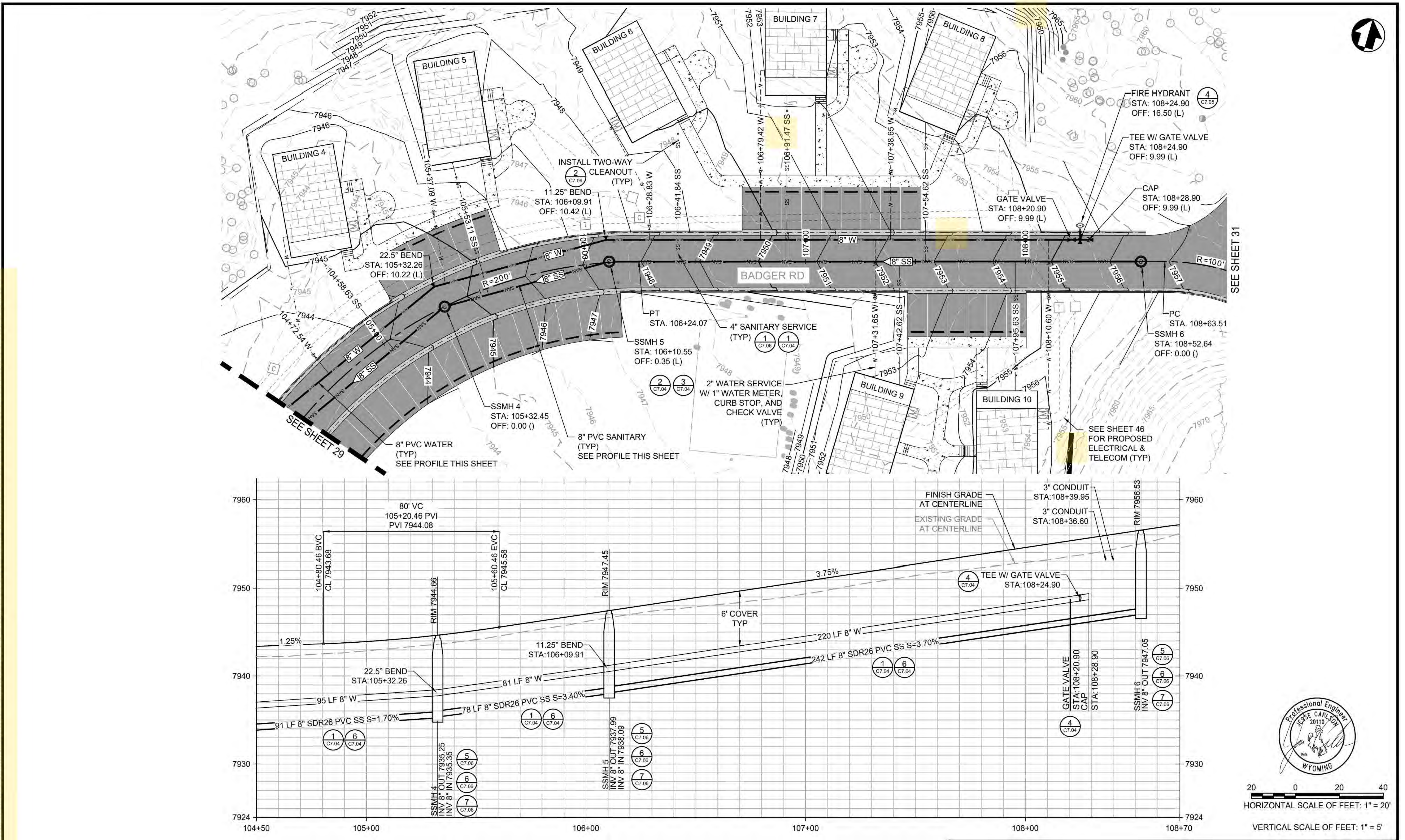
NOTES:

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	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME:	JC CADD: AS TECH. REVIEW: JC DATE: 08/18/2026	C5.05	CANYON VILLAGE PLAN & PROFILE SHEET 2 OF 4 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 29 OF 94

PLOT DATE: 8/18/2026 11:08 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022DRAWINGS\CIVIL\NE-CANYON\CANYON\CANYON\C5.03_CANYON_P&P_2.DWG

VERSION A


BUILDING 4
BUILDING 5
BUILDING 6
BUILDING 7
BUILDING 8
BUILDING 9
BUILDING 10
BADGER RD
SEE SHEET 29
SEE SHEET 31
FIRE HYDRANT STA: 108+24.90 OFF: 16.50 (L)
TEE W/ GATE VALVE STA: 108+24.90 OFF: 9.99 (L)
CAP STA: 108+28.90 OFF: 9.99 (L)
GATE VALVE STA: 108+20.90 OFF: 9.99 (L)
INSTALL TWO-WAY CLEANOUT (TYP)
11.25° BEND STA: 106+09.91 OFF: 10.42 (L)
22.5° BEND STA: 105+32.26 OFF: 10.22 (L)
PT STA. 106+24.07
4" SANITARY SERVICE (TYP)
SSMH 5 STA: 106+10.55 OFF: 0.35 (L)
2" WATER SERVICE W/ 1" WATER METER, CURB STOP, AND CHECK VALVE (TYP)
PC STA. 108+63.51
SSMH 6 STA: 108+52.64 OFF: 0.00 ()
SSMH 4 STA: 105+32.45 OFF: 0.00 ()
8" PVC WATER (TYP) SEE PROFILE THIS SHEET
8" PVC SANITARY (TYP) SEE PROFILE THIS SHEET
SEE SHEET 46 FOR PROPOSED ELECTRICAL & TELECOM (TYP)
R=200'
R=100'
80' VC 105+20.46 PVI PVI 7944.08
FINISH GRADE AT CENTERLINE
EXISTING GRADE AT CENTERLINE
3" CONDUIT STA:108+39.95
3" CONDUIT STA:108+36.60
3.75%
1.25%
6' COVER TYP
TEE W/ GATE VALVE STA:108+24.90
220 LF 8" W
242 LF 8" SDR26 PVC SS S=3.70%
11.25° BEND STA:106+09.91
22.5° BEND STA:105+32.26
81 LF 8" W
95 LF 8" W
78 LF 8" SDR26 PVC SS S=3.40%
91 LF 8" SDR26 PVC SS S=1.70%
7960
7950
7940
7930
7924
104+50
105+00
106+00
107+00
108+00
108+70
20 0 20 40
HORIZONTAL SCALE OF FEET: 1" = 20'
VERTICAL SCALE OF FEET: 1" = 5'

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\CANYON\C5.04_CANYON_P&P_3.DWG

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

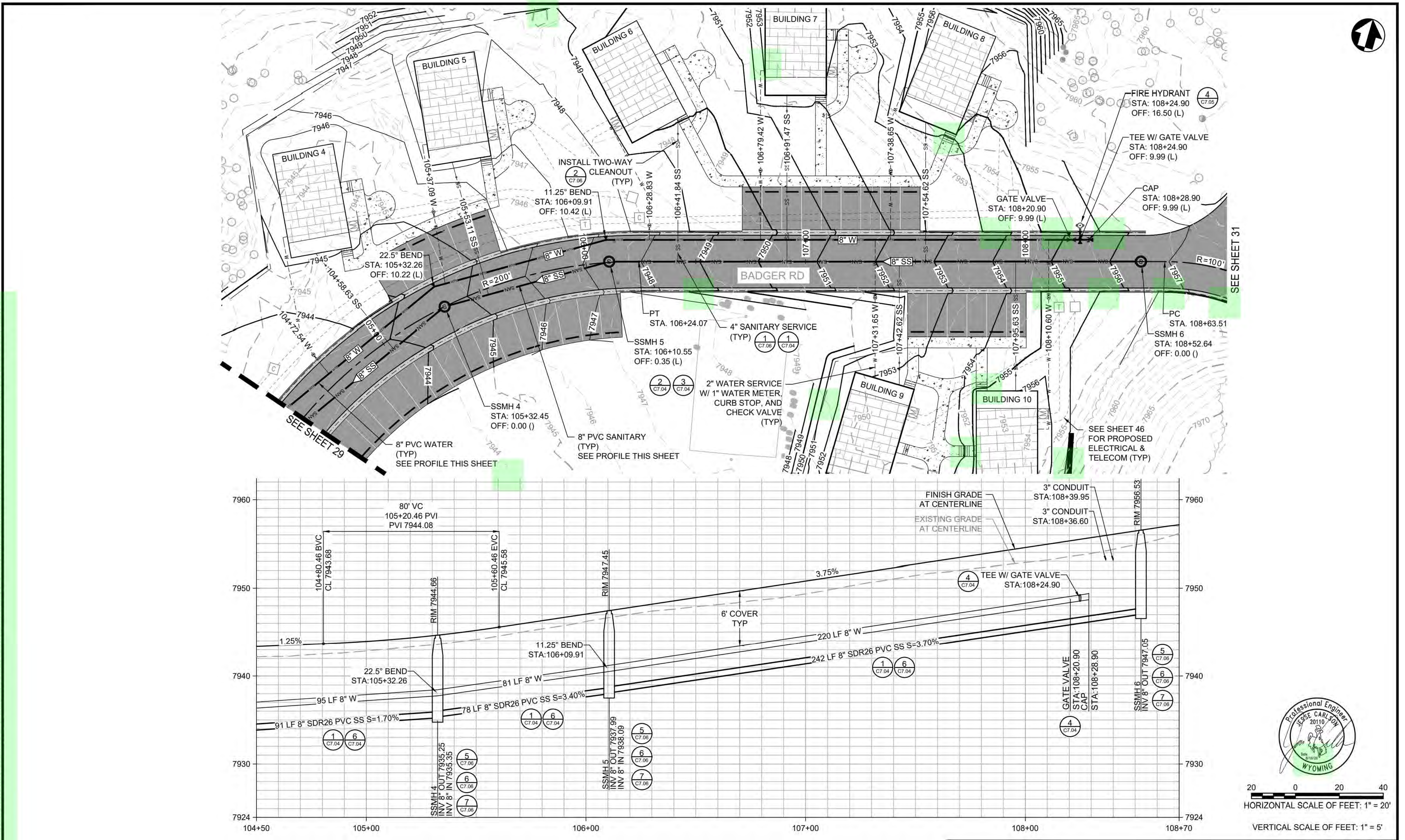
DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
DATE: 06/26/2026

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

VERSION B


BUILDING 4
BUILDING 5
BUILDING 6
BUILDING 7
BUILDING 8
BUILDING 9
BUILDING 10
BADGER RD
SEE SHEET 29
SEE SHEET 31
FIRE HYDRANT STA: 108+24.90 OFF: 16.50 (L)
TEE W/ GATE VALVE STA: 108+24.90 OFF: 9.99 (L)
CAP STA: 108+28.90 OFF: 9.99 (L)
GATE VALVE STA: 108+20.90 OFF: 9.99 (L)
INSTALL TWO-WAY CLEANOUT (TYP)
11.25° BEND STA: 106+09.91 OFF: 10.42 (L)
22.5° BEND STA: 105+32.26 OFF: 10.22 (L)
PT STA. 106+24.07
4" SANITARY SERVICE (TYP)
SSMH 5 STA: 106+10.55 OFF: 0.35 (L)
2" WATER SERVICE W/ 1" WATER METER, CURB STOP, AND CHECK VALVE (TYP)
PC STA. 108+63.51
SSMH 6 STA: 108+52.64 OFF: 0.00 ()
SSMH 4 STA: 105+32.45 OFF: 0.00 ()
8" PVC WATER (TYP) SEE PROFILE THIS SHEET
8" PVC SANITARY (TYP) SEE PROFILE THIS SHEET
SEE SHEET 46 FOR PROPOSED ELECTRICAL & TELECOM (TYP)
R=200'
R=100'
80' VC 105+20.46 PVI PVI 7944.08
FINISH GRADE AT CENTERLINE
EXISTING GRADE AT CENTERLINE
3" CONDUIT STA:108+39.95
3" CONDUIT STA:108+36.60
3.75%
1.25%
6' COVER TYP
TEE W/ GATE VALVE STA:108+24.90
220 LF 8" W
242 LF 8" SDR26 PVC SS S=3.70%
11.25° BEND STA:106+09.91
22.5° BEND STA:105+32.26
81 LF 8" W
95 LF 8" W
78 LF 8" SDR26 PVC SS S=3.40%
91 LF 8" SDR26 PVC SS S=1.70%
7960
7950
7940
7930
7924
104+50
105+00
106+00
107+00
108+00
108+70
20 0 20 40
HORIZONTAL SCALE OF FEET: 1" = 20'
VERTICAL SCALE OF FEET: 1" = 5'

PLOT DATE: 8/18/2026 11:23 AM USER: SACKETT, ABBY
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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:

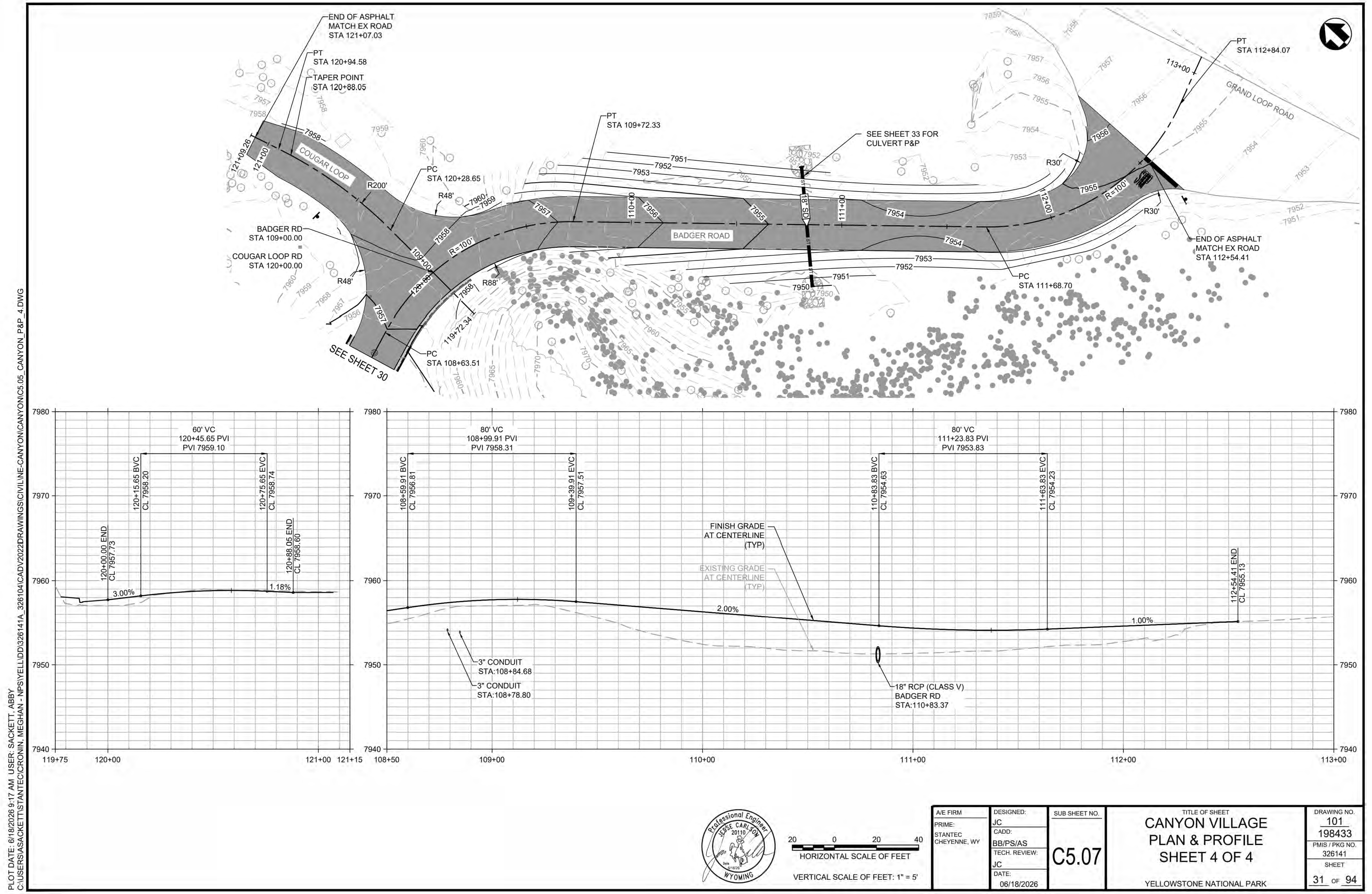
DESIGNED: JC
CADD: AS
TECH. REVIEW: JC
DATE: 08/18/2026

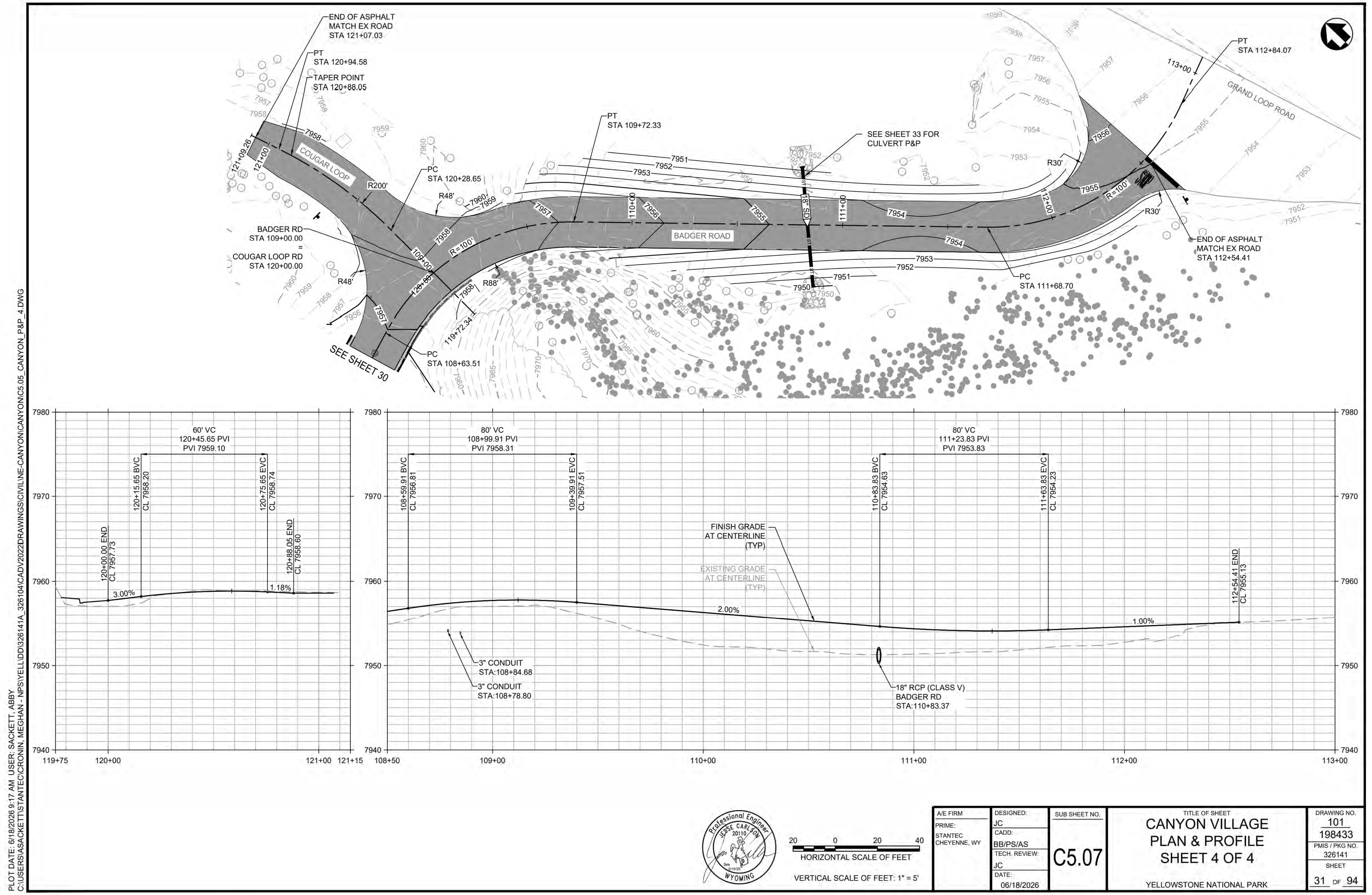
SUB SHEET NO.
C5.06

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

IDENTICAL




CANYON VILLAGE
PLAN & PROFILE
SHEET 4 OF 4
YELLOWSTONE NATIONAL PARK

DELTADOCS

IDENTICAL

PLOT DATE: 6/18/2026 9:17 AM USER: SACKETT, ABBY
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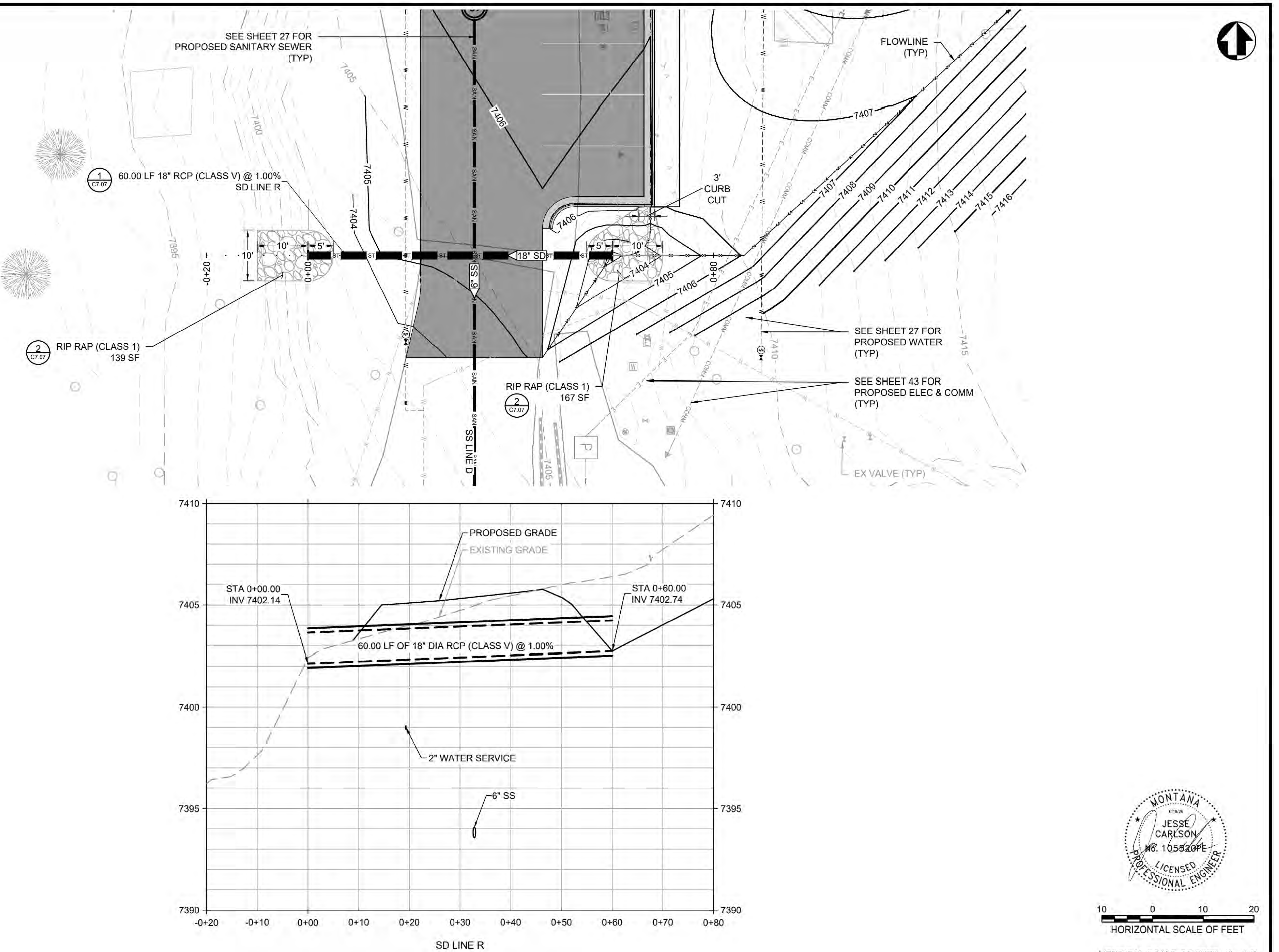
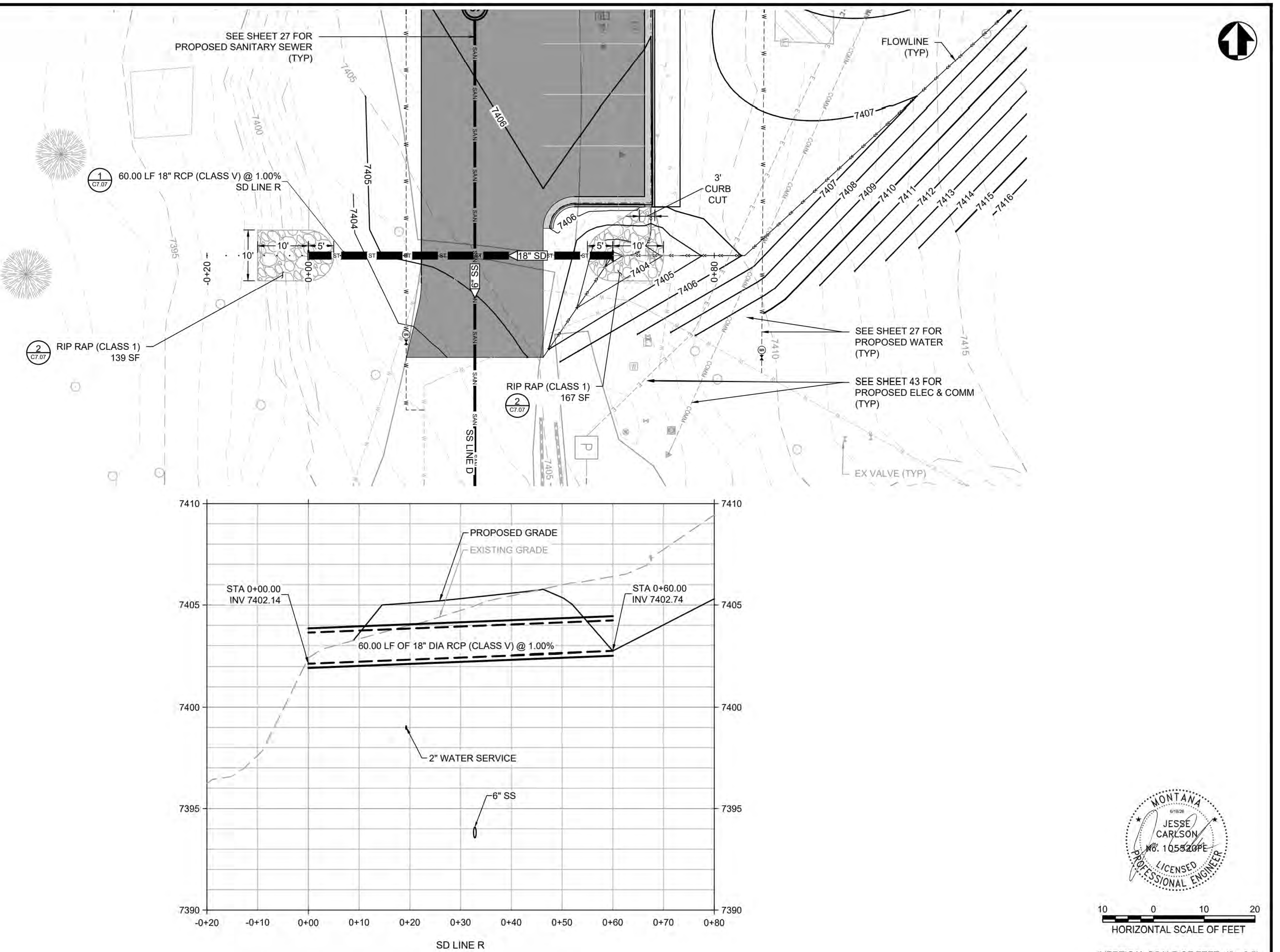


VERTICAL SCALE OF FEET: 1" = 2.5'

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.

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



PLOT DATE: 6/18/2026 9:17 AM USER: SACKETT, ABBY
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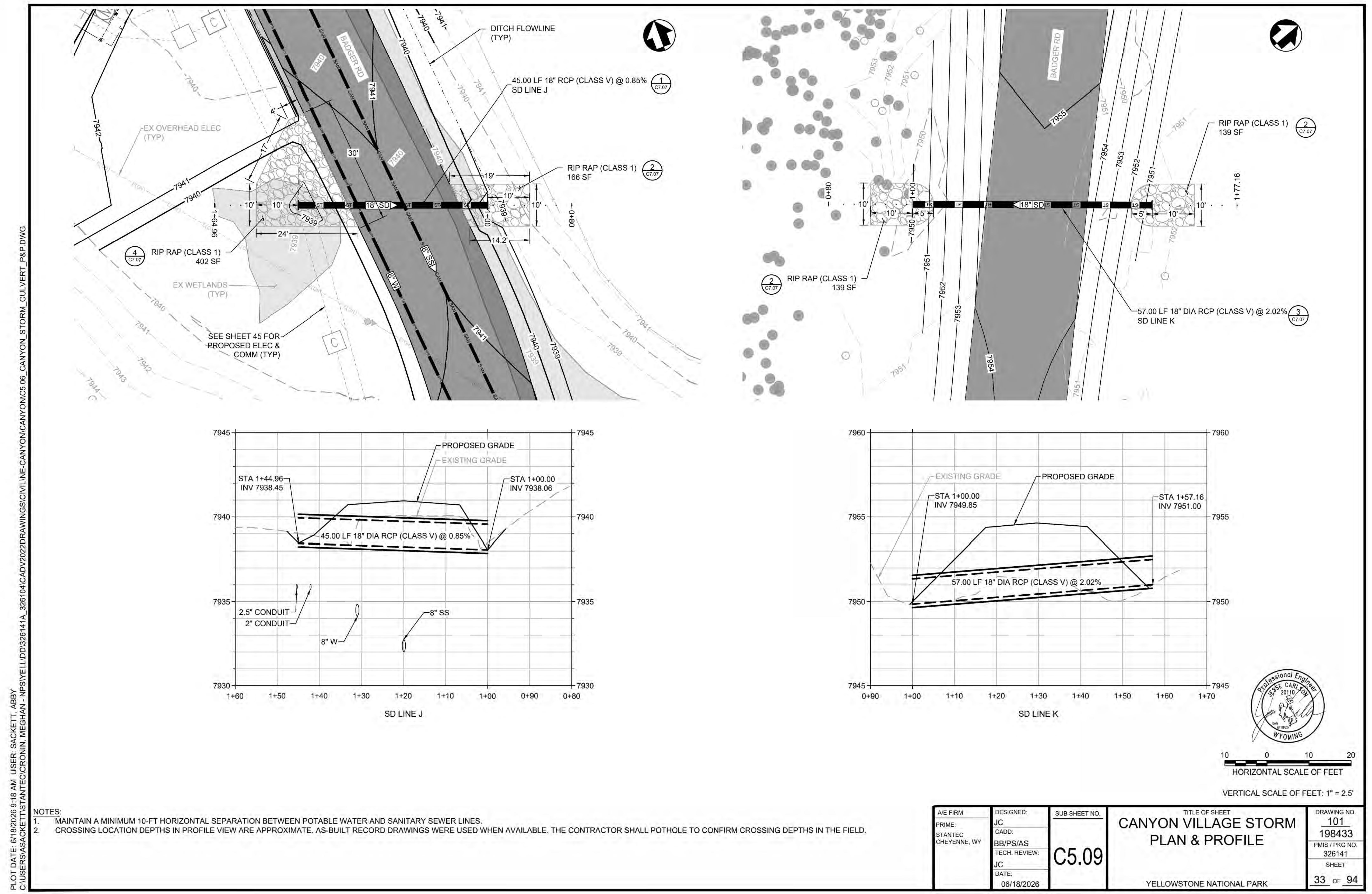
VERTICAL SCALE OF FEET: 1" = 2.5'

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.

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

IDENTICAL



VERTICAL SCALE OF FEET: 1" = 2.5'

PLOT DATE: 6/18/2026 9:18 AM USER: SACKETT, ABBY
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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.

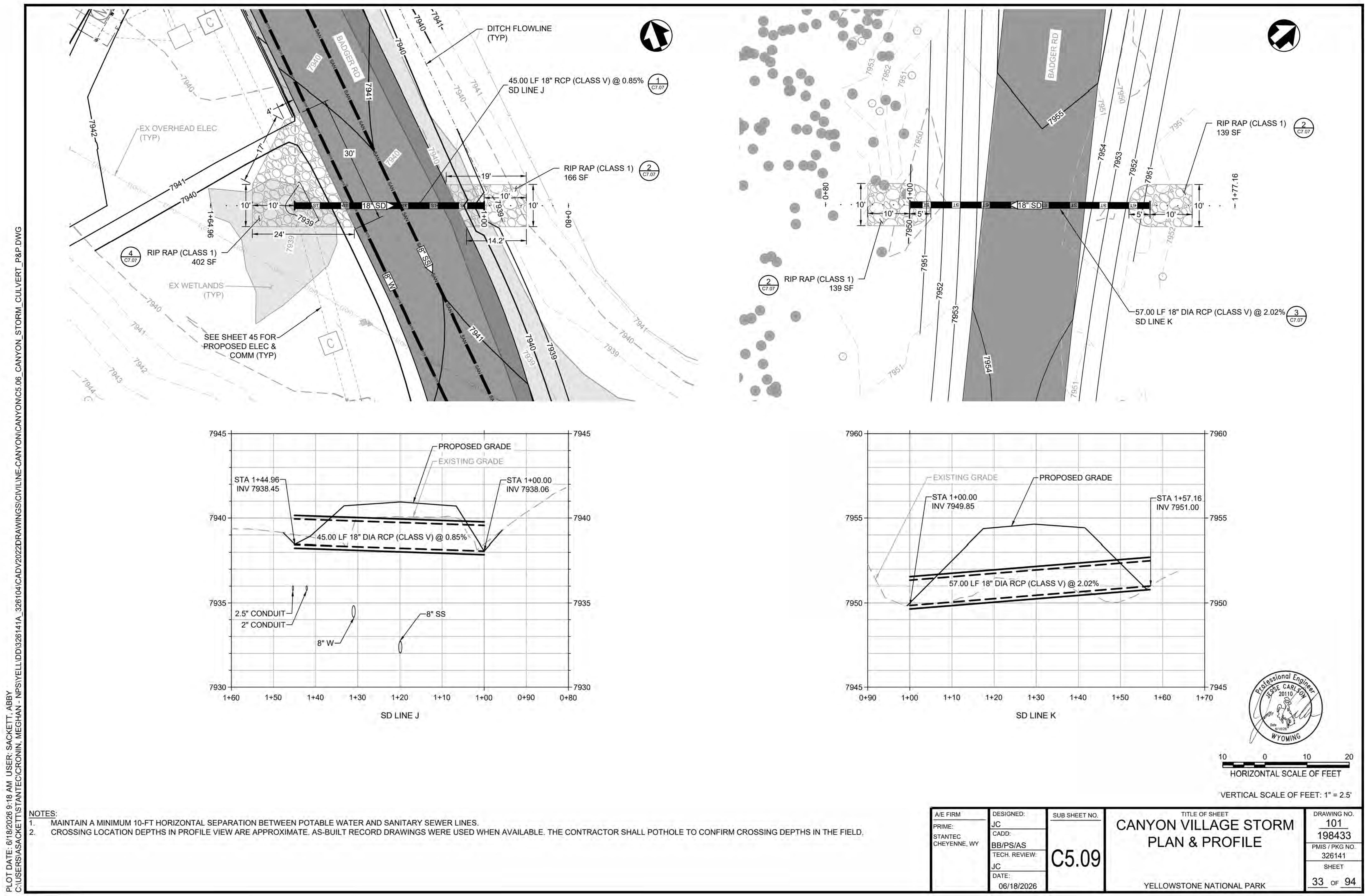
A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

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


VERTICAL SCALE OF FEET: 1" = 2.5'

PLOT DATE: 6/18/2026 9:18 AM USER: SACKETT, ABBY
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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

IDENTICAL

PLOT DATE: 6/18/2026 9:18 AM USER: SACKETT, ABBY
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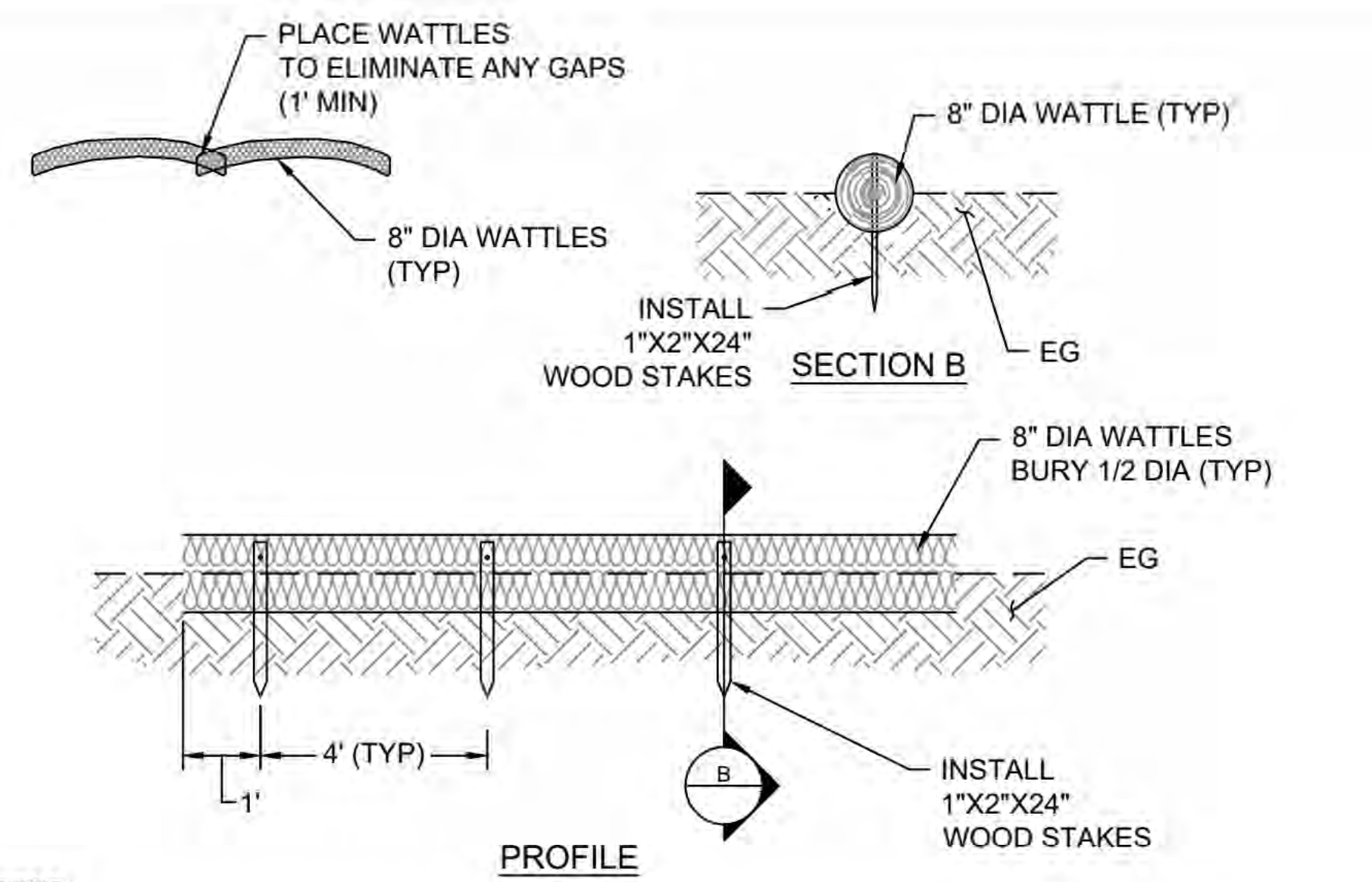
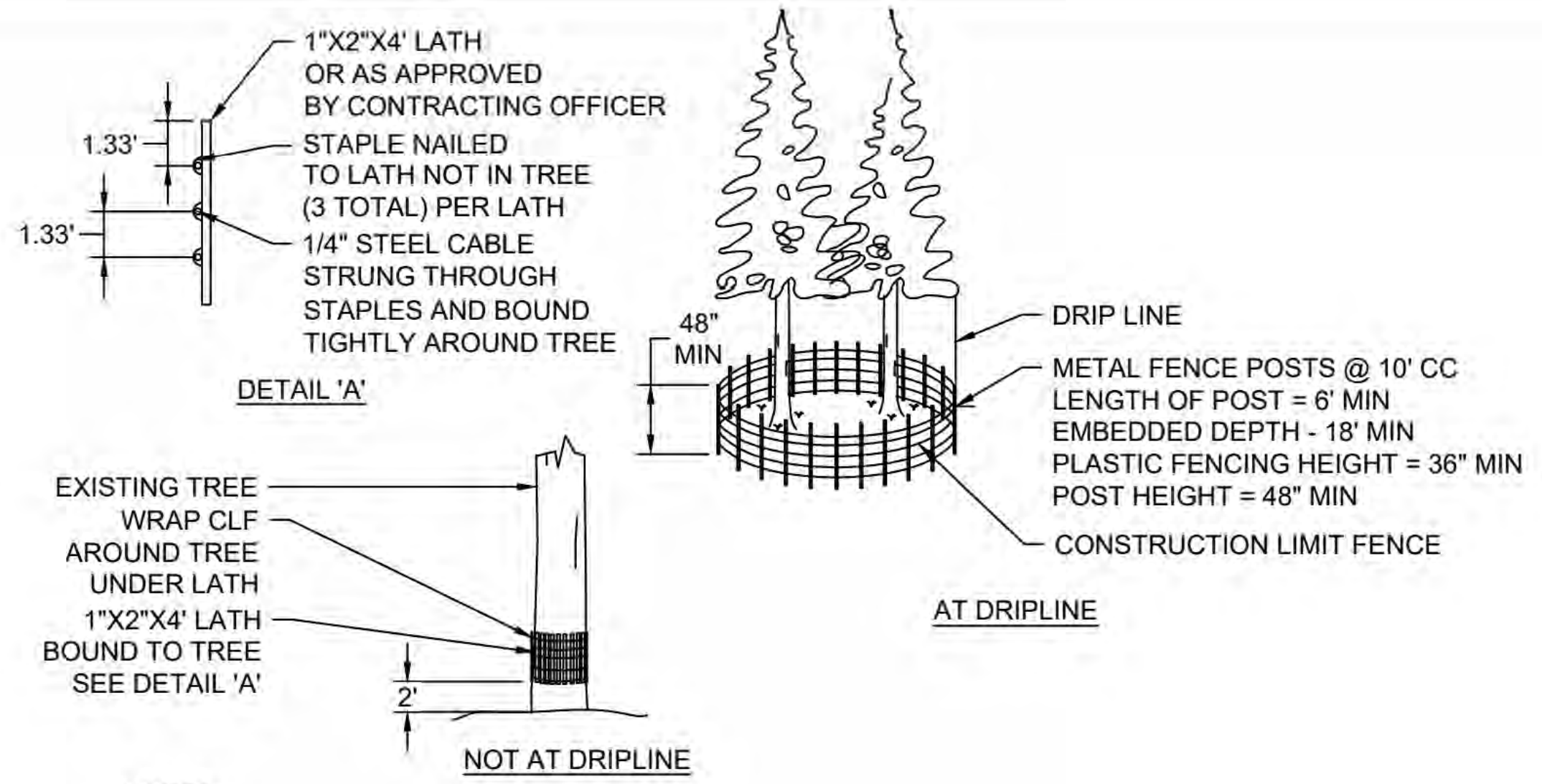

PLACE WATTLES TO ELIMINATE ANY GAPS (1' MIN)
8" DIA WATTLES (TYP)
8" DIA WATTLE (TYP)
INSTALL 1"X2"X24" WOOD STAKES
SECTION B
EG
8" DIA WATTLES BURY 1/2 DIA (TYP)
EG
4' (TYP)
1'
B
INSTALL 1"X2"X24" WOOD STAKES
PROFILE

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 WATTLES

C7.01 NOT TO SCALE

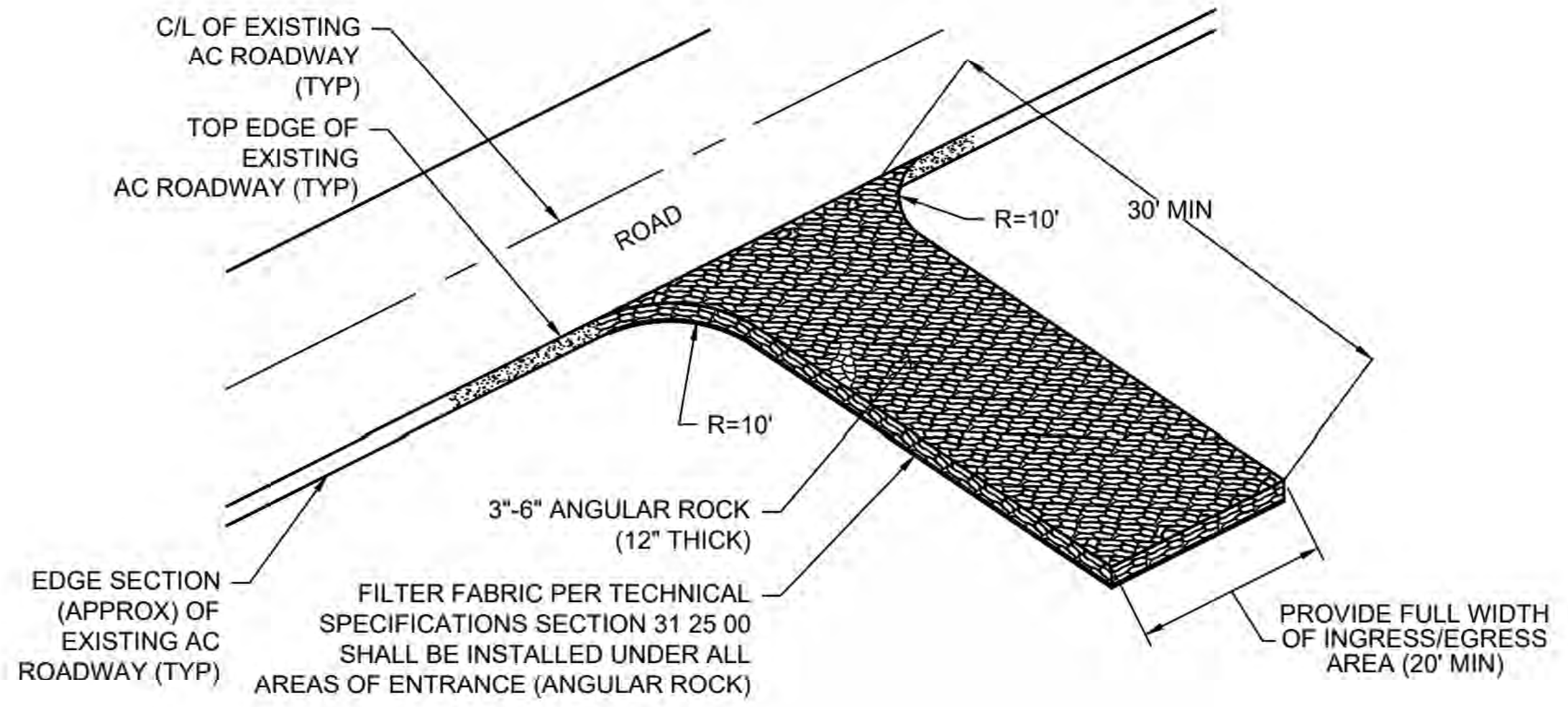

1"X2"X4' LATH OR AS APPROVED BY CONTRACTING OFFICER
1.33'
1.33'
STAPLE NAILED TO LATH NOT IN TREE (3 TOTAL) PER LATH
1/4" STEEL CABLE STRUNG THROUGH STAPLES AND BOUND TIGHTLY AROUND TREE
DETAIL 'A'
48" MIN
DRIP LINE
METAL FENCE POSTS @ 10' CC
LENGTH OF POST = 6' MIN
EMBEDDED DEPTH - 18' MIN
PLASTIC FENCING HEIGHT = 36" MIN
POST HEIGHT = 48" MIN
CONSTRUCTION LIMIT FENCE
AT DRIPLINE
EXISTING TREE
WRAP CLF AROUND TREE UNDER LATH
1"X2"X4' LATH BOUND TO TREE SEE DETAIL 'A'
2'
NOT AT DRIPLINE

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 CONSTRUCTION LIMIT FENCE AND TREE PROTECTION

C7.01 NOT TO SCALE

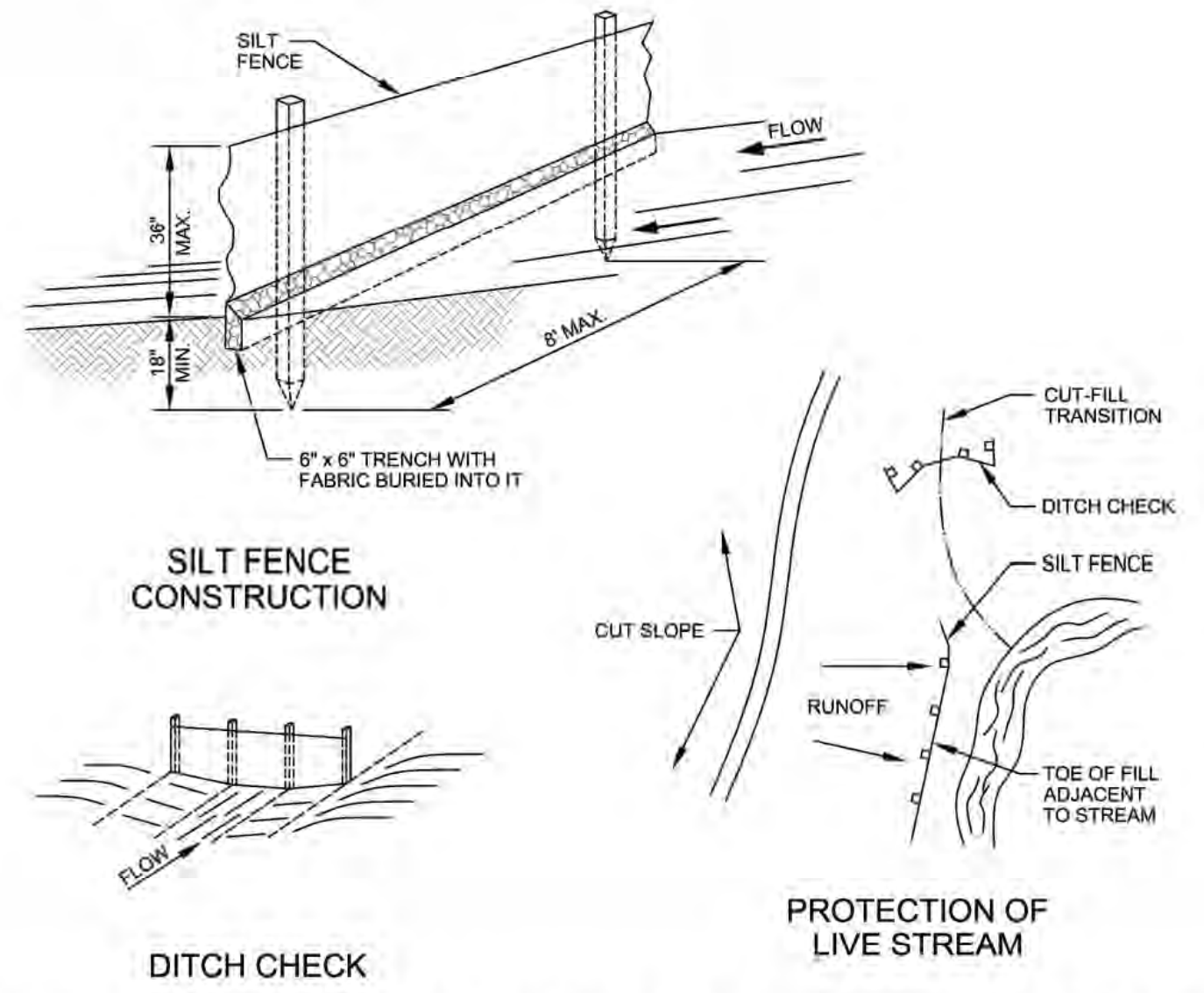

C/L OF EXISTING AC ROADWAY (TYP)
TOP EDGE OF EXISTING AC ROADWAY (TYP)
ROAD
R=10'
30' MIN
R=10'
3"-6" ANGULAR ROCK (12" THICK)
EDGE SECTION (APPROX) OF EXISTING AC ROADWAY (TYP)
FILTER FABRIC PER TECHNICAL SPECIFICATIONS SECTION 31 25 00 SHALL BE INSTALLED UNDER ALL AREAS OF ENTRANCE (ANGULAR ROCK)
PROVIDE FULL WIDTH OF INGRESS/EGRESS AREA (20' MIN)

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 STABILIZED TEMPORARY CONSTRUCTION ENTRANCE

C7.01 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.

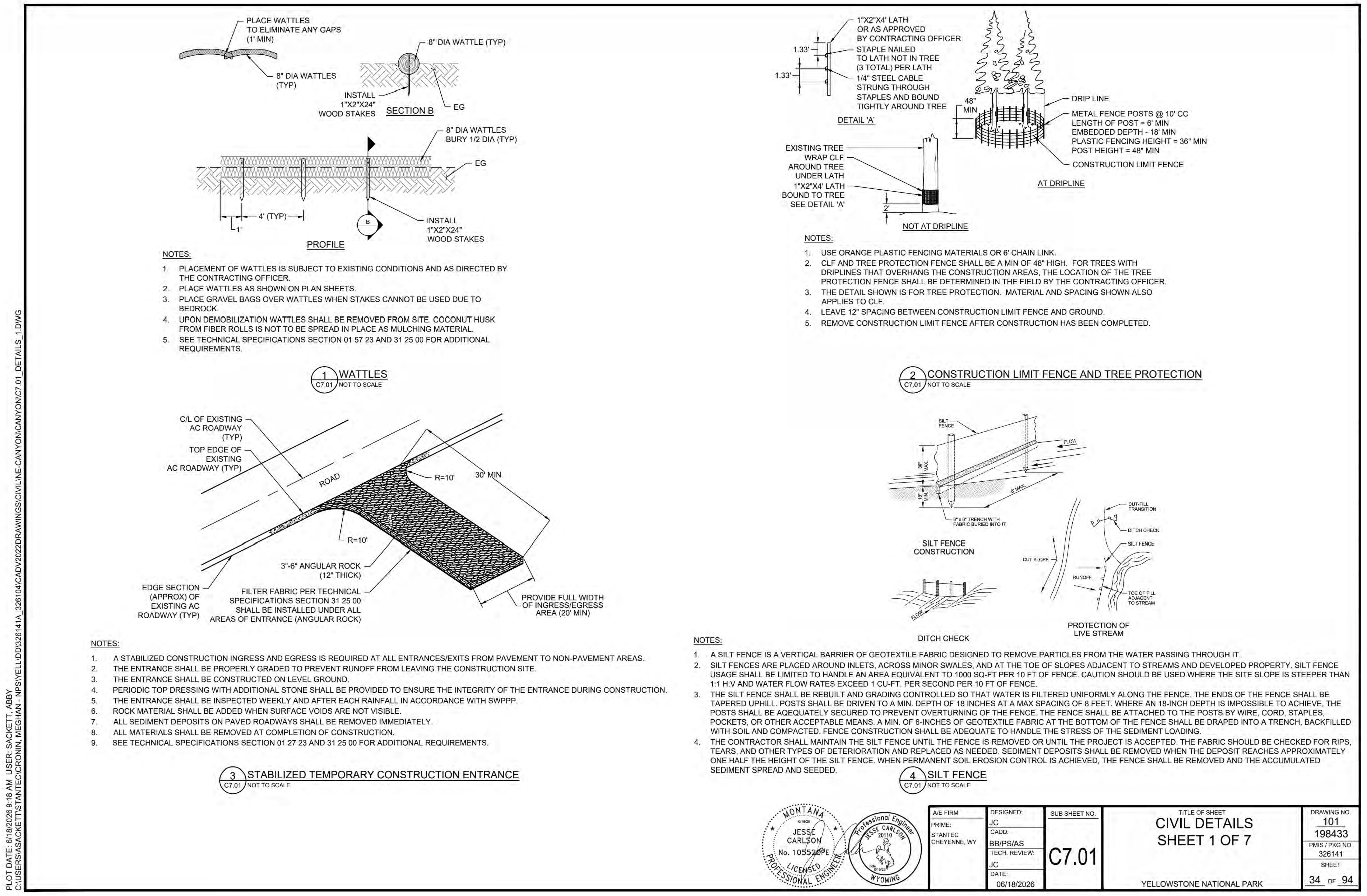
4 SILT FENCE

C7.01 NOT TO SCALE

6/18/26
JESSE CARLSON
No. 105520PE

JESSE CARLSON
20110
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. C7.01	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\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C7.01_DETAILS_1.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 WATTLES
C7.01 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 CONSTRUCTION LIMIT FENCE AND TREE PROTECTION
C7.01 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 STABILIZED TEMPORARY CONSTRUCTION ENTRANCE
C7.01 NOT TO SCALE

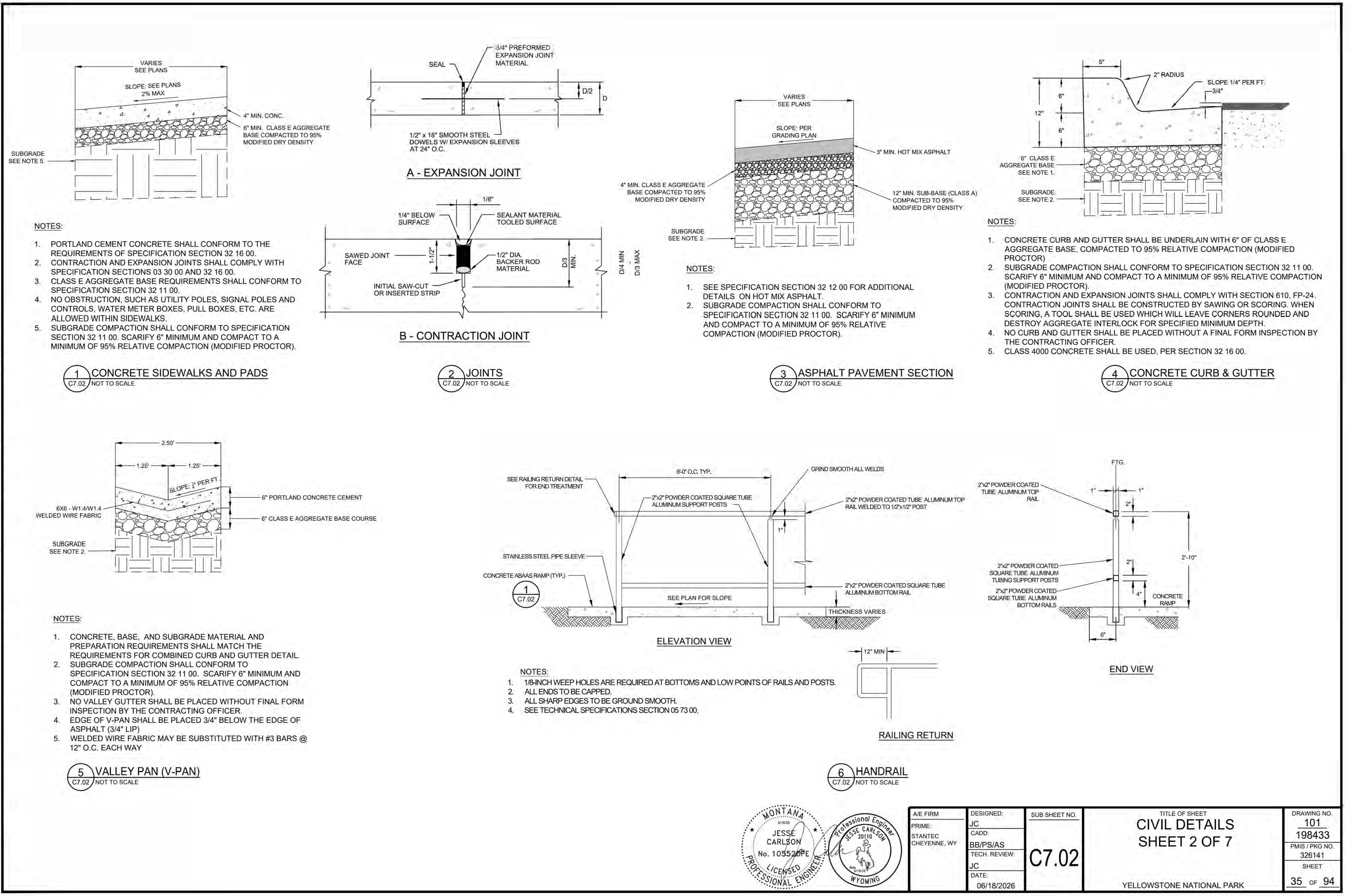
NOTES:

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 SILT FENCE
C7.01 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

IDENTICAL


VARIES
SEE PLANS
SLOPE: SEE PLANS
2% MAX
4" MIN. CONC.
6" MIN. CLASS E AGGREGATE BASE COMPACTED TO 95% MODIFIED DRY DENSITY
SUBGRADE SEE NOTE 5.
SEAL
3/4" PREFORMED EXPANSION JOINT MATERIAL
D/2
D
1/2" x 18" SMOOTH STEEL DOWELS W/ EXPANSION SLEEVES AT 24" O.C.
A - EXPANSION JOINT
1/8"
1/4" BELOW SURFACE
SEALANT MATERIAL TOOLED SURFACE
SAWED JOINT FACE
1-1/2"
1/2" DIA. BACKER ROD MATERIAL
D/3 MIN.
D/4 MIN - D/3 MAX
INITIAL SAW-CUT OR INSERTED STRIP
B - CONTRACTION JOINT
SLOPE: PER GRADING PLAN
3" MIN. HOT MIX ASPHALT
4" MIN. CLASS E AGGREGATE BASE COMPACTED TO 95% MODIFIED DRY DENSITY
12" MIN. SUB-BASE (CLASS A) COMPACTED TO 95% MODIFIED DRY DENSITY
SUBGRADE SEE NOTE 2.
5"
2" RADIUS
SLOPE 1/4" PER FT.
3/4"
6"
12"
6"
6" CLASS E AGGREGATE BASE SEE NOTE 1.
SUBGRADE SEE NOTE 2.
2.50'
1.25'
1.25'
SLOPE: 1/4" PER FT.
6" PORTLAND CONCRETE CEMENT
6X6 - W1.4/W1.4 WELDED WIRE FABRIC
6" CLASS E AGGREGATE BASE COURSE
SUBGRADE SEE NOTE 2.
6'-0" O.C. TYP.
SEE RAILING RETURN DETAIL FOR END TREATMENT
GRIND SMOOTH ALL WELDS
2"x2" POWDER COATED SQUARE TUBE ALUMINUM SUPPORT POSTS
2"x2" POWDER COATED TUBE ALUMINUM TOP RAIL WELDED TO 1/2"x1/2" POST
1"
STAINLESS STEEL PIPE SLEEVE
CONCRETE ABAAS RAMP (TYP.)
1 C7.02
SEE PLAN FOR SLOPE
2"x2" POWDER COATED SQUARE TUBE ALUMINUM BOTTOM RAIL
THICKNESS VARIES
ELEVATION VIEW
12" MIN
RAILING RETURN
FTG.
2"x2" POWDER COATED TUBE ALUMINUM TOP RAIL
1"
1"
2"
2"
2'-10"
2"x2" POWDER COATED SQUARE TUBE ALUMINUM TUBING SUPPORT POSTS
2"x2" POWDER COATED SQUARE TUBE ALUMINUM BOTTOM RAILS
4"
CONCRETE RAMP
6"
END VIEW

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

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

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.

6 C7.02 **HANDRAIL**
NOT TO SCALE

JESSE CARLSON 6/18/26

JESSE CARLSON 20110 Date 6/18/26

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

PLOT DATE: 6/18/2026 9:18 AM USER: SACKETT, ABBY
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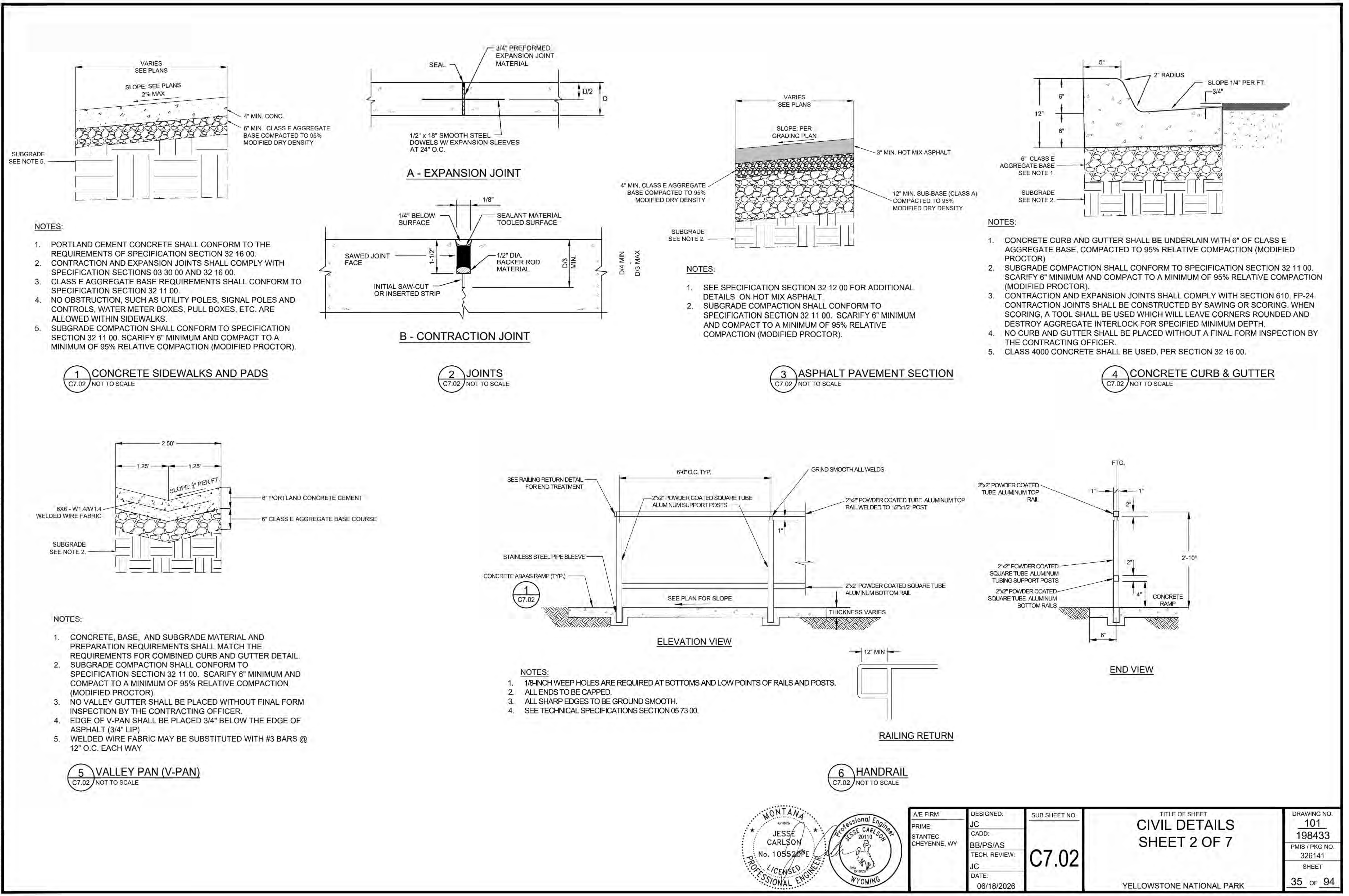

NOTES:

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

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

NOTES:

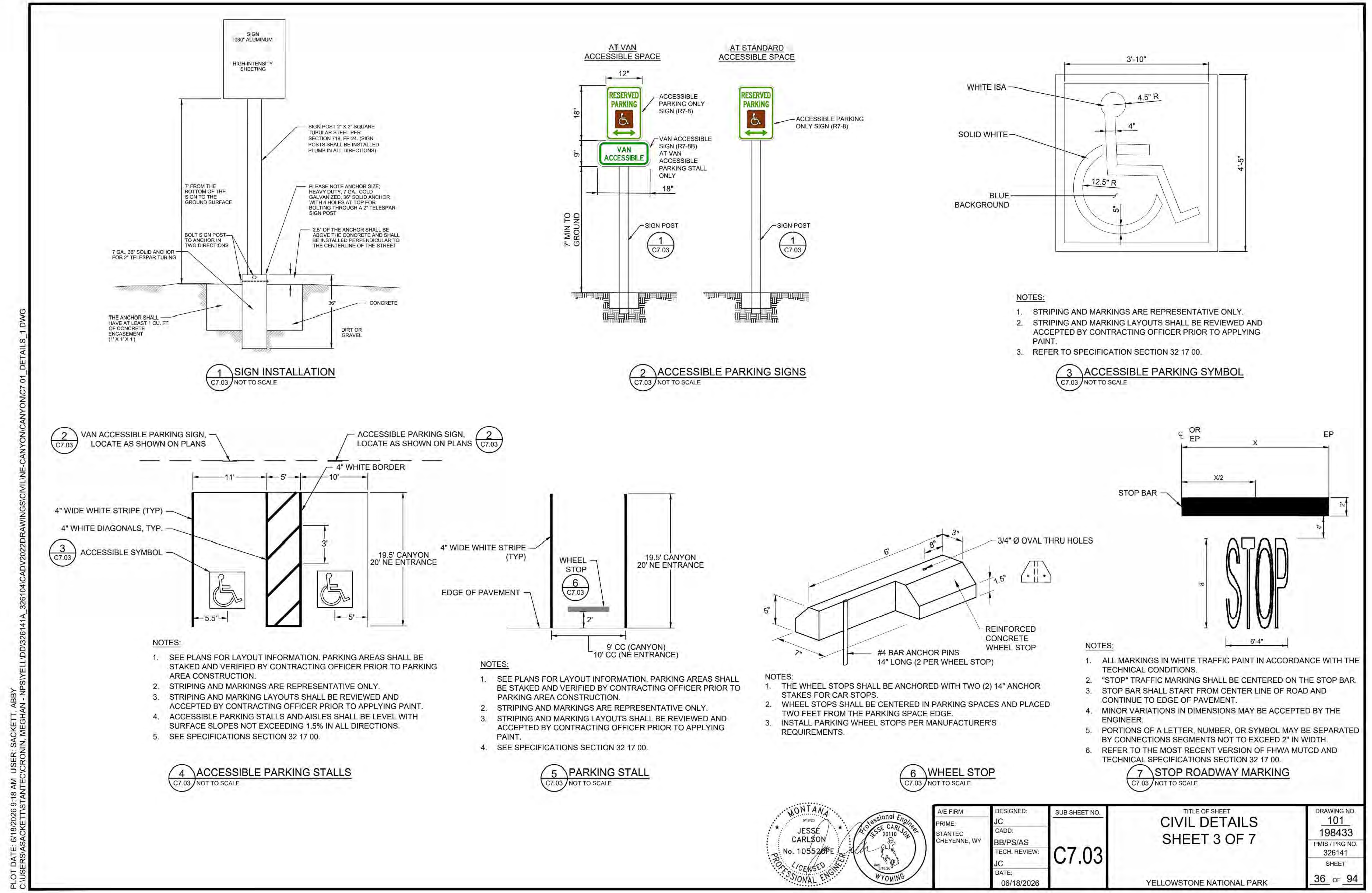
1. 1/8-INCH WEEP HOLES ARE REQUIRED AT BOTTOMS AND LOW POINTS OF RAILS AND POSTS.
2. ALL ENDS TO BE CAPPED.
3. ALL SHARP EDGES TO BE GROUND SMOOTH.
4. SEE TECHNICAL SPECIFICATIONS SECTION 05 73 00.

6 C7.02 HANDRAIL
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. C7.02
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\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C7.01_DETAILS_1.DWG

IDENTICAL



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:

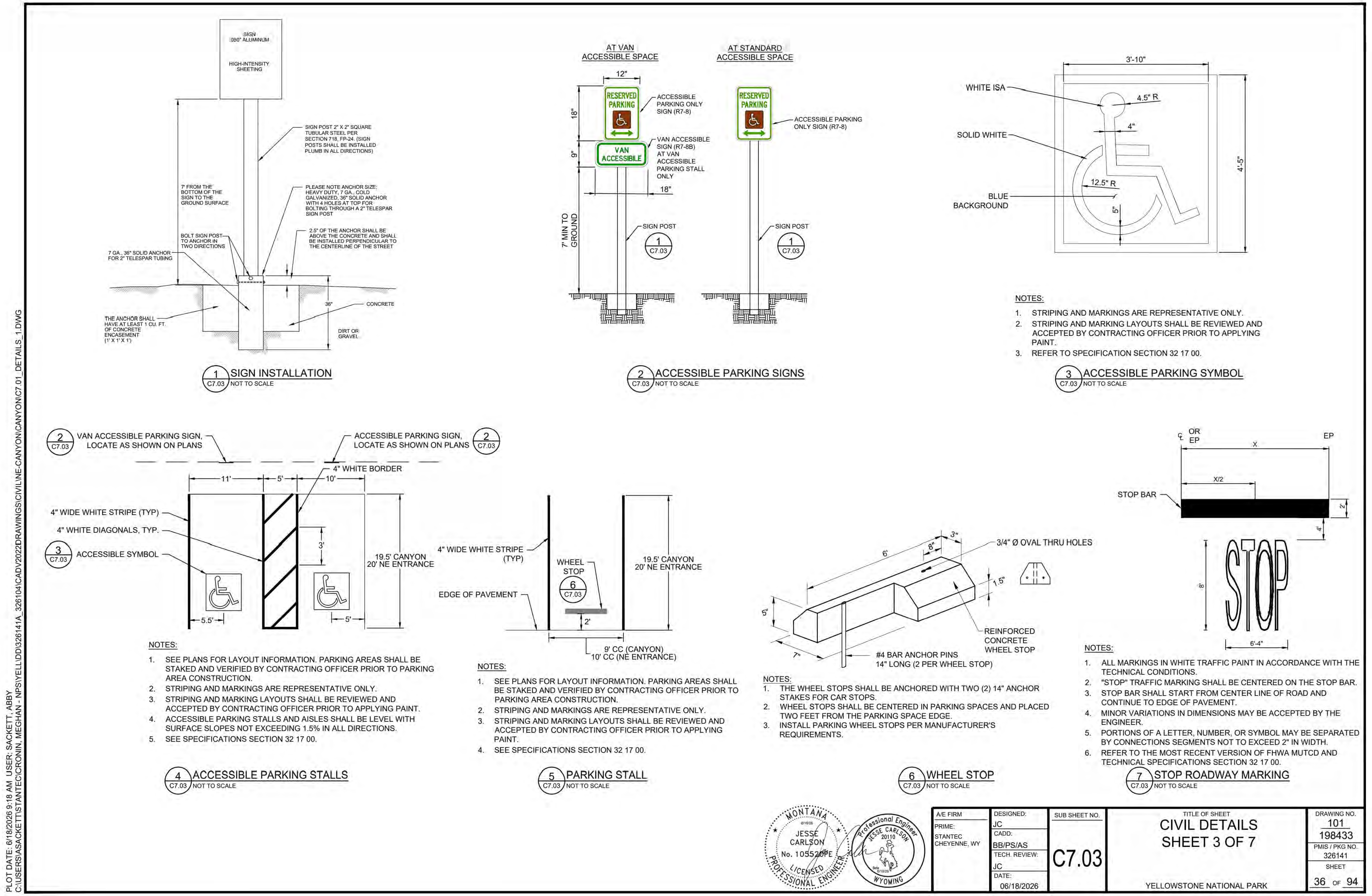
1. ALL MARKINGS IN WHITE TRAFFIC PAINT IN ACCORDANCE WITH THE TECHNICAL CONDITIONS.
2. "STOP" TRAFFIC MARKING SHALL BE CENTERED ON THE STOP BAR.
3. STOP BAR SHALL START FROM CENTER LINE OF ROAD AND CONTINUE TO EDGE OF PAVEMENT.
4. MINOR VARIATIONS IN DIMENSIONS MAY BE ACCEPTED BY THE ENGINEER.
5. PORTIONS 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

JESSE CARLSON
No. 105520PE
6/18/26

JESSE CARLSON
20110
Date 6/18/26

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


SIGN
.080" ALUMINUM
HIGH-INTENSITY SHEETING
SIGN POST 2" X 2" SQUARE TUBULAR STEEL PER SECTION 718, FP-24. (SIGN POSTS SHALL BE INSTALLED PLUMB IN ALL DIRECTIONS)
7' FROM THE BOTTOM OF THE SIGN TO THE GROUND SURFACE
PLEASE NOTE ANCHOR SIZE; HEAVY DUTY, 7 GA., COLD GALVANIZED, 36" SOLID ANCHOR WITH 4 HOLES AT TOP FOR BOLTING THROUGH A 2" TELESPAR SIGN POST
BOLT SIGN POST TO ANCHOR IN TWO DIRECTIONS
2.5" OF THE ANCHOR SHALL BE ABOVE THE CONCRETE AND SHALL BE INSTALLED PERPENDICULAR TO THE CENTERLINE OF THE STREET
7 GA., 36" SOLID ANCHOR FOR 2" TELESPAR TUBING
36"
CONCRETE
THE ANCHOR SHALL HAVE AT LEAST 1 CU. FT. OF CONCRETE ENCASEMENT (1' X 1' X 1')
DIRT OR GRAVEL
AT VAN ACCESSIBLE SPACE
AT STANDARD ACCESSIBLE SPACE
12"
18"
9"
RESERVED PARKING
VAN ACCESSIBLE
ACCESSIBLE PARKING ONLY SIGN (R7-8)
VAN ACCESSIBLE SIGN (R7-8B) AT VAN ACCESSIBLE PARKING STALL ONLY
18"
7' MIN TO GROUND
SIGN POST
1 C7.03
ACCESSIBLE PARKING ONLY SIGN (R7-8)
3'-10"
WHITE ISA
4.5" R
4"
SOLID WHITE
12.5" R
BLUE BACKGROUND
5"
4'-5"
2 C7.03
VAN ACCESSIBLE PARKING SIGN, LOCATE AS SHOWN ON PLANS
ACCESSIBLE PARKING SIGN, LOCATE AS SHOWN ON PLANS
4" WHITE BORDER
11'
5'
10'
4" WIDE WHITE STRIPE (TYP)
4" WHITE DIAGONALS, TYP.
3 C7.03
ACCESSIBLE SYMBOL
3'
19.5' CANYON
20' NE ENTRANCE
5.5'
5'
4" WIDE WHITE STRIPE (TYP)
WHEEL STOP
6 C7.03
EDGE OF PAVEMENT
2'
19.5' CANYON
20' NE ENTRANCE
9' CC (CANYON)
10' CC (NE ENTRANCE)
6'
8"
3"
3/4" Ø OVAL THRU HOLES
1.5"
5"
7"
REINFORCED CONCRETE WHEEL STOP
#4 BAR ANCHOR PINS 14" LONG (2 PER WHEEL STOP)
℄ OR EP
EP
X
X/2
STOP BAR
2'
4'
8'
STOP
6'-4"
PLOT DATE: 6/18/2026 9:18 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\NE-CANYON\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.

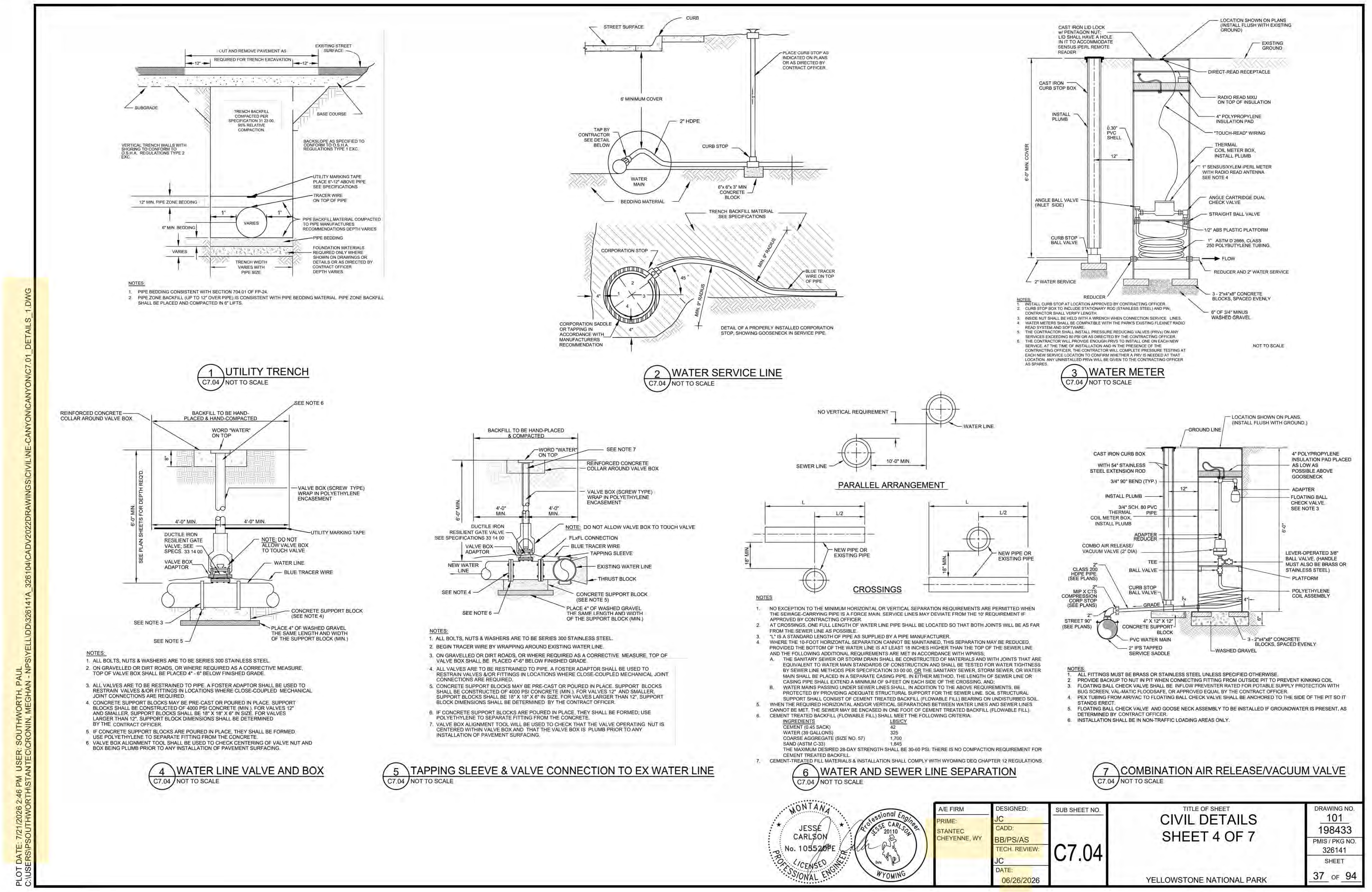
7 C7.03 STOP ROADWAY MARKING
NOT TO SCALE

JESSE CARLSON
No. 105520PE
6/18/26

JESSE CARLSON
20110
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

VERSION A



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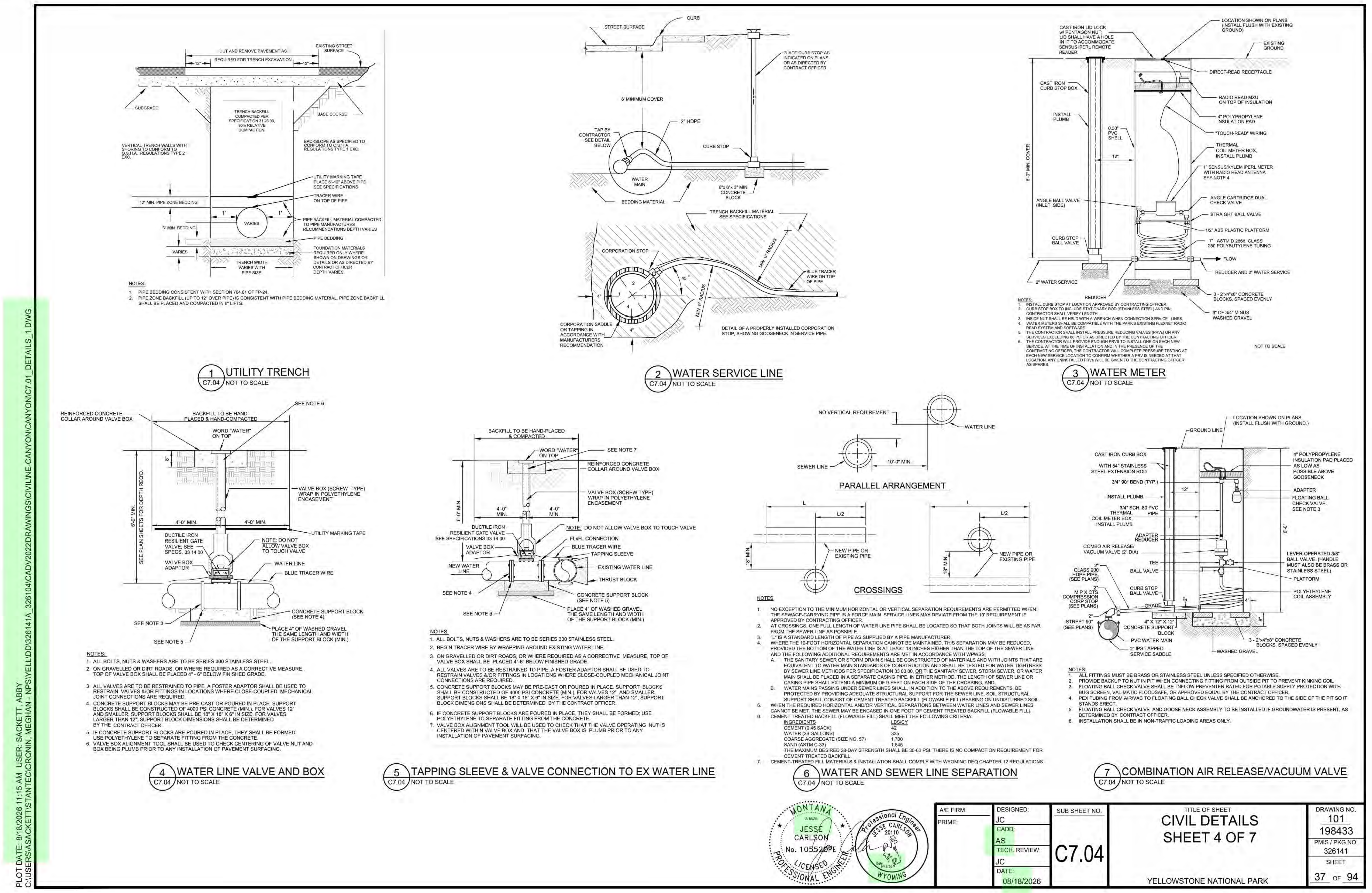
1 C7.04 UTILITY TRENCH NOT TO SCALE
2 C7.04 WATER SERVICE LINE NOT TO SCALE
3 C7.04 WATER METER NOT TO SCALE
4 C7.04 WATER LINE VALVE AND BOX NOT TO SCALE
5 C7.04 TAPPING SLEEVE & VALVE CONNECTION TO EX WATER LINE NOT TO SCALE
6 C7.04 WATER AND SEWER LINE SEPARATION NOT TO SCALE
7 C7.04 COMBINATION AIR RELEASE/VACUUM VALVE NOT TO SCALE
PARALLEL ARRANGEMENT
CROSSINGS
MONTANA JESSE CARLSON No. 105520PE LICENSED PROFESSIONAL ENGINEER
Professional Engineer JESSE CARLSON 20110 WYOMING

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	C7.04	CIVIL DETAILS SHEET 4 OF 7 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 37 OF 94

VERSION B



PLOT DATE: 8/18/2026 11:15 AM USER: SACKETT, ABBY
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1 C7.04 UTILITY TRENCH NOT TO SCALE
2 C7.04 WATER SERVICE LINE NOT TO SCALE
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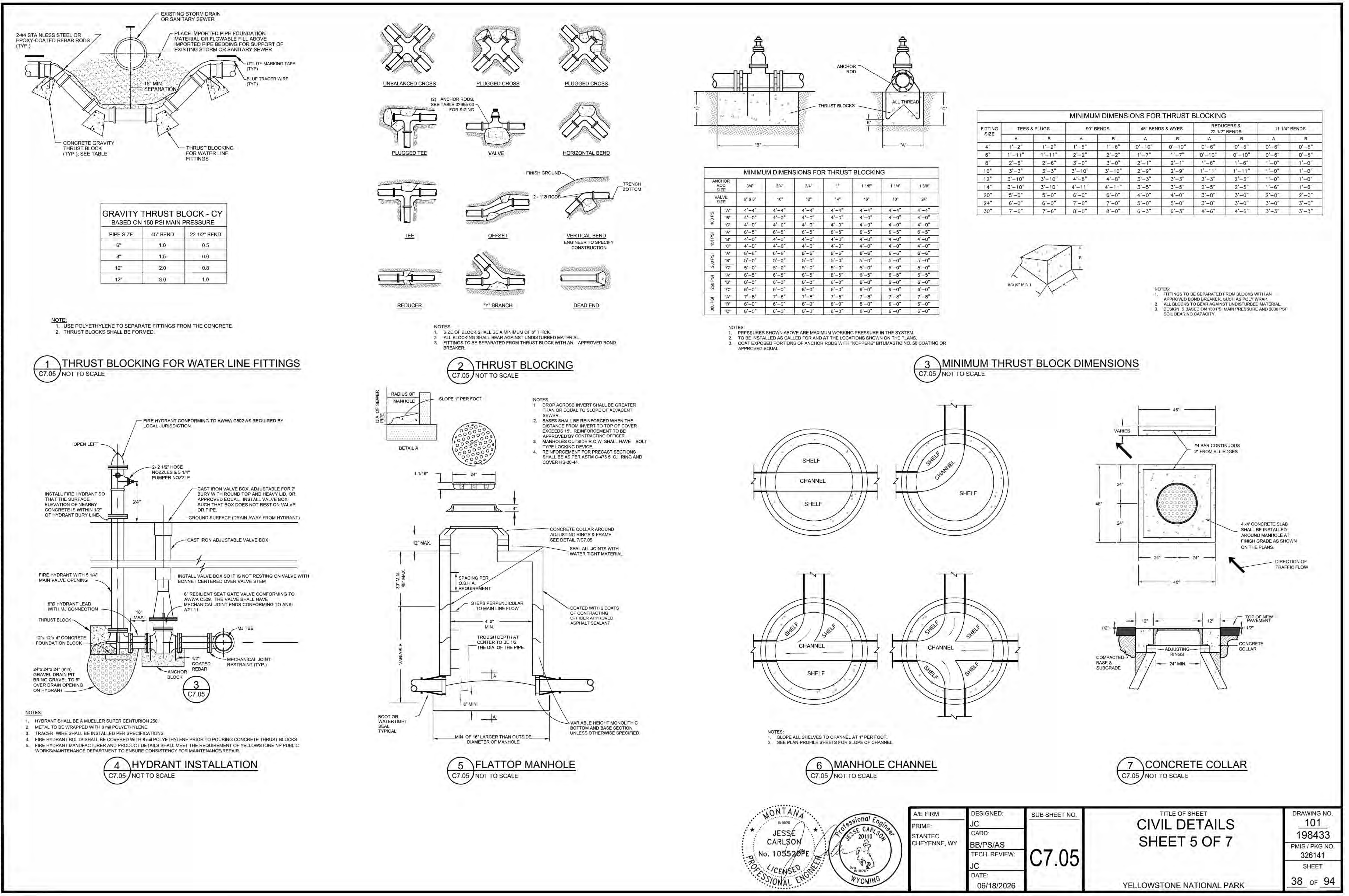
7 C7.04 COMBINATION AIR RELEASE/VACUUM VALVE NOT TO SCALE
PARALLEL ARRANGEMENT
CROSSINGS
MONTANA 8/18/26 JESSE CARLSON No. 105520PE LICENSED PROFESSIONAL ENGINEER
Professional Engineer JESSE CARLSON 20110 Date 8/18/26 WYOMING

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME:	JC CADD: AS TECH. REVIEW: JC DATE: 08/18/2026	C7.04	CIVIL DETAILS SHEET 4 OF 7 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 37 OF 94

IDENTICAL


EXISTING STORM DRAIN OR SANITARY SEWER
2-#4 STAINLESS STEEL OR EPOXY-COATED REBAR RODS (TYP.)
PLACE IMPORTED PIPE FOUNDATION MATERIAL OR FLOWABLE FILL ABOVE IMPORTED PIPE BEDDING FOR SUPPORT OF EXISTING STORM OR SANITARY SEWER
UTILITY MARKING TAPE (TYP.)
BLUE TRACER WIRE (TYP.)
18" MIN. SEPARATION
CONCRETE GRAVITY THRUST BLOCK (TYP.); SEE TABLE
THRUST BLOCKING FOR WATER LINE FITTINGS
UNBALANCED CROSS
PLUGGED CROSS
PLUGGED CROSS
PLUGGED TEE
VALVE
HORIZONTAL BEND
TEE
OFFSET
VERTICAL BEND
REDUCER
"Y" BRANCH
DEAD END
THRUST BLOCKS
ALL THREAD
ANCHOR ROD
"A"
"B"
"C"
6"
SHELF
CHANNEL
DETAIL A
RADIUS OF MANHOLE
SLOPE 1" PER FOOT
OPEN LEFT
INSTALL FIRE HYDRANT SO THAT THE SURFACE ELEVATION OF NEAREST CONCRETE IS WITHIN 1/2" OF HYDRANT BURY LINE
24"x 24"x 24" (min) GRAVEL DRAIN PIT BRING GRAVEL TO 6" OVER DRAIN OPENING ON HYDRANT
ANCHOR BLOCK
1/2" COATED REBAR
MECHANICAL JOINT RESTRAINT (TYP.)
3
C7.05
PLOT DATE: 6/18/2026 9:18 AM USER: SACKETT, ABBY

1 THRUST BLOCKING FOR WATER LINE FITTINGS
C7.05 NOT TO SCALE

GRAVITY THRUST BLOCK - CY BASED ON 150 PSI MAIN PRESSURE		
PIPE SIZE	45° BEND	22 1/2° BEND
6"	1.0	0.5
8"	1.5	0.6
10"	2.0	0.8
12"	3.0	1.0

NOTE:
1. USE POLYETHYLENE TO SEPARATE FITTINGS FROM THE CONCRETE.
2. THRUST BLOCKS SHALL BE FORMED.

2 THRUST BLOCKING
C7.05 NOT TO SCALE

NOTES:
1. SIZE OF BLOCK SHALL BE A MINIMUM OF 6" THICK.
2. ALL BLOCKING SHALL BEAR AGAINST UNDISTURBED MATERIAL.
3. FITTINGS TO BE SEPARATED FROM THRUST BLOCK WITH AN APPROVED BOND BREAKER.

3 MINIMUM THRUST BLOCK DIMENSIONS
C7.05 NOT TO SCALE

MINIMUM DIMENSIONS FOR THRUST BLOCKING

ANCHOR ROD SIZE		3/4"	3/4"	3/4"	1"	1 1/8"	1 1/4"	1 3/8"
VALVE SIZE		6" & 8"	10"	12"	14"	16"	18"	24"
100 PSI	"A"	4'-4"	4'-4"	4'-4"	4'-4"	4'-4"	4'-4"	4'-4"
	"B"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"
	"C"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"
150 PSI	"A"	6'-5"	6'-5"	6'-5"	6'-5"	6'-5"	6'-5"	6'-5"
	"B"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"
	"C"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"	4'-0"
200 PSI	"A"	6'-6"	6'-6"	6'-6"	6'-6"	6'-6"	6'-6"	6'-6"
	"B"	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"
	"C"	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"	5'-0"
250 PSI	"A"	6'-5"	6'-5"	6'-5"	6'-5"	6'-5"	6'-5"	6'-5"
	"B"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"
	"C"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"
300 PSI	"A"	7'-8"	7'-8"	7'-8"	7'-8"	7'-8"	7'-8"	7'-8"
	"B"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"
	"C"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"	6'-0"

NOTES:
1. PRESSURES SHOWN ABOVE ARE MAXIMUM WORKING PRESSURE IN THE SYSTEM.
2. TO BE INSTALLED AS CALLED FOR AND AT THE LOCATIONS SHOWN ON THE PLANS.
3. COAT EXPOSED PORTIONS OF ANCHOR RODS WITH "KOPPERS" BITUMASTIC NO. 50 COATING OR APPROVED EQUAL.

MINIMUM DIMENSIONS FOR THRUST BLOCKING

FITTING SIZE	TEES & PLUGS		90° BENDS		45° BENDS & WYES		REDUCERS & 22 1/2° BENDS		11 1/4° BENDS	
	A	B	A	B	A	B	A	B	A	B
4"	1'-2"	1'-2"	1'-6"	1'-6"	0'-10"	0'-10"	0'-6"	0'-6"	0'-6"	0'-6"
6"	1'-11"	1'-11"	2'-2"	2'-2"	1'-7"	1'-7"	0'-10"	0'-10"	0'-6"	0'-6"
8"	2'-6"	2'-6"	3'-0"	3'-0"	2'-1"	2'-1"	1'-6"	1'-6"	1'-0"	1'-0"
10"	3'-3"	3'-3"	3'-10"	3'-10"	2'-9"	2'-9"	1'-11"	1'-11"	1'-0"	1'-0"
12"	3'-10"	3'-10"	4'-8"	4'-8"	3'-3"	3'-3"	2'-3"	2'-3"	1'-0"	1'-0"
14"	3'-10"	3'-10"	4'-11"	4'-11"	3'-5"	3'-5"	2'-5"	2'-5"	1'-6"	1'-6"
20"	5'-0"	5'-0"	6'-0"	6'-0"	4'-0"	4'-0"	3'-0"	3'-0"	2'-0"	2'-0"
24"	6'-0"	6'-0"	7'-0"	7'-0"	5'-0"	5'-0"	3'-0"	3'-0"	3'-0"	3'-0"
30"	7'-6"	7'-6"	8'-0"	8'-0"	6'-3"	6'-3"	4'-6"	4'-6"	3'-3"	3'-3"

NOTES:
1. FITTINGS TO BE SEPARATED FROM BLOCKS WITH AN APPROVED BOND BREAKER, SUCH AS POLY WRAP.
2. ALL BLOCKS TO BEAR AGAINST UNDISTURBED MATERIAL.
3. DESIGN IS BASED ON 150 PSI MAIN PRESSURE AND 2000 PSF SOIL BEARING CAPACITY.

NOTES:
1. HYDRANT SHALL BE A MUELLER SUPER CENTURION 250.
2. METAL TO BE WRAPPED WITH 8 mil POLYETHYLENE.
3. TRACER WIRE SHALL BE INSTALLED PER SPECIFICATIONS.
4. FIRE HYDRANT BOLTS SHALL BE COVERED WITH 8 mil POLYETHYLENE PRIOR TO POURING CONCRETE THRUST BLOCKS.
5. FIRE HYDRANT MANUFACTURER AND PRODUCT DETAILS SHALL MEET THE REQUIREMENT OF YELLOWSTONE NP PUBLIC WORKS/MAINTENANCE DEPARTMENT TO ENSURE CONSISTENCY FOR MAINTENANCE/REPAIR.

4 HYDRANT INSTALLATION
C7.05 NOT TO SCALE

NOTES:
1. DROP ACROSS INVERT SHALL BE GREATER THAN OR EQUAL TO SLOPE OF ADJACENT SEWER.
2. BASES SHALL BE REINFORCED WHEN THE DISTANCE FROM INVERT TO TOP OF COVER EXCEEDS 15'. REINFORCEMENT TO BE APPROVED BY CONTRACTING OFFICER.
3. MANHOLES OUTSIDE R.O.W. SHALL HAVE BOLT TYPE LOCKING DEVICE.
4. REINFORCEMENT FOR PRECAST SECTIONS SHALL BE AS PER ASTM C-478 5 C.I. RING AND COVER HS-20-44.

5 FLATTOP MANHOLE
C7.05 NOT TO SCALE

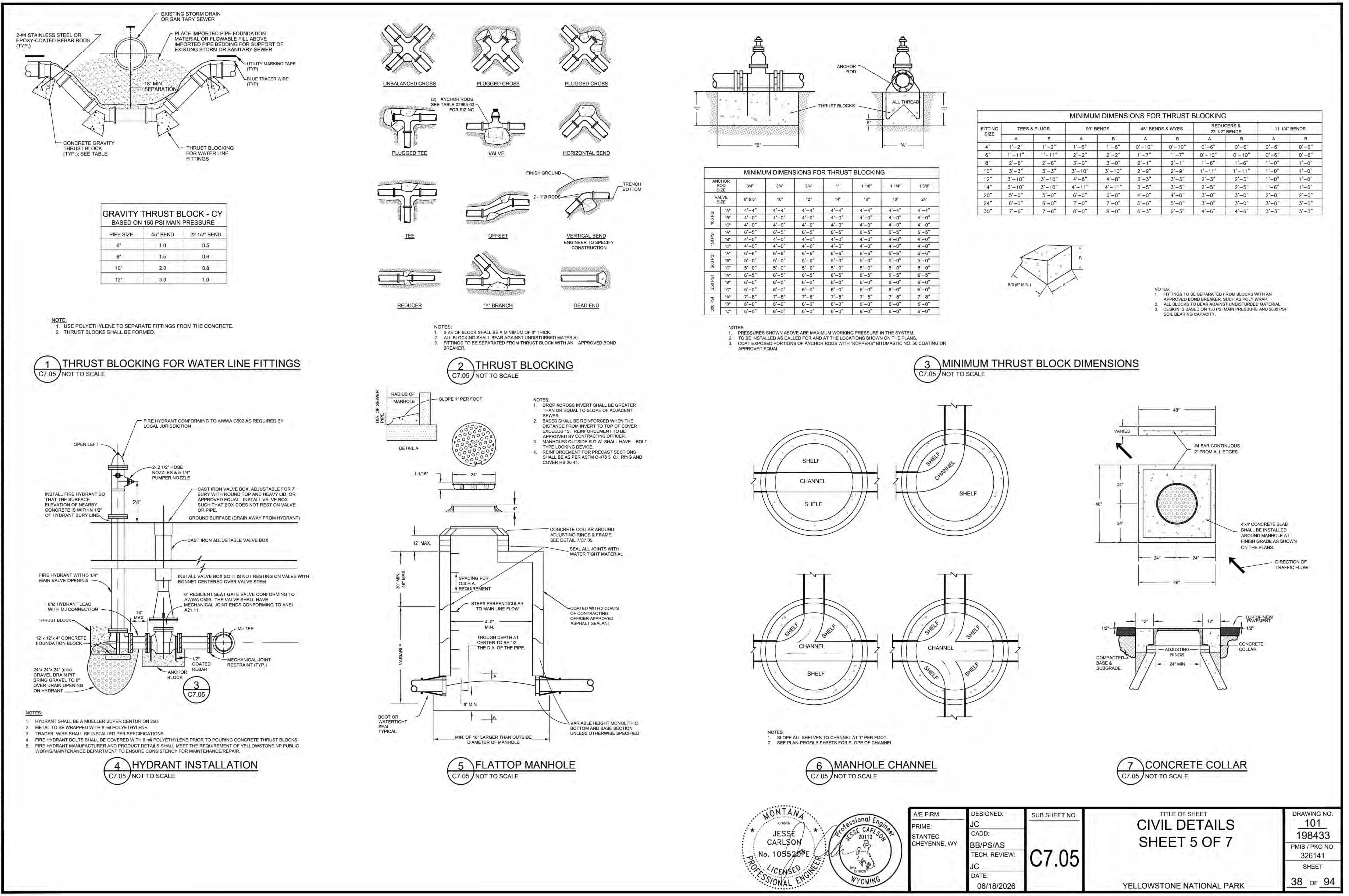
NOTES:
1. SLOPE ALL SHELVES TO CHANNEL AT 1" PER FOOT.
2. SEE PLAN-PROFILE SHEETS FOR SLOPE OF CHANNEL.

6 MANHOLE CHANNEL
C7.05 NOT TO SCALE

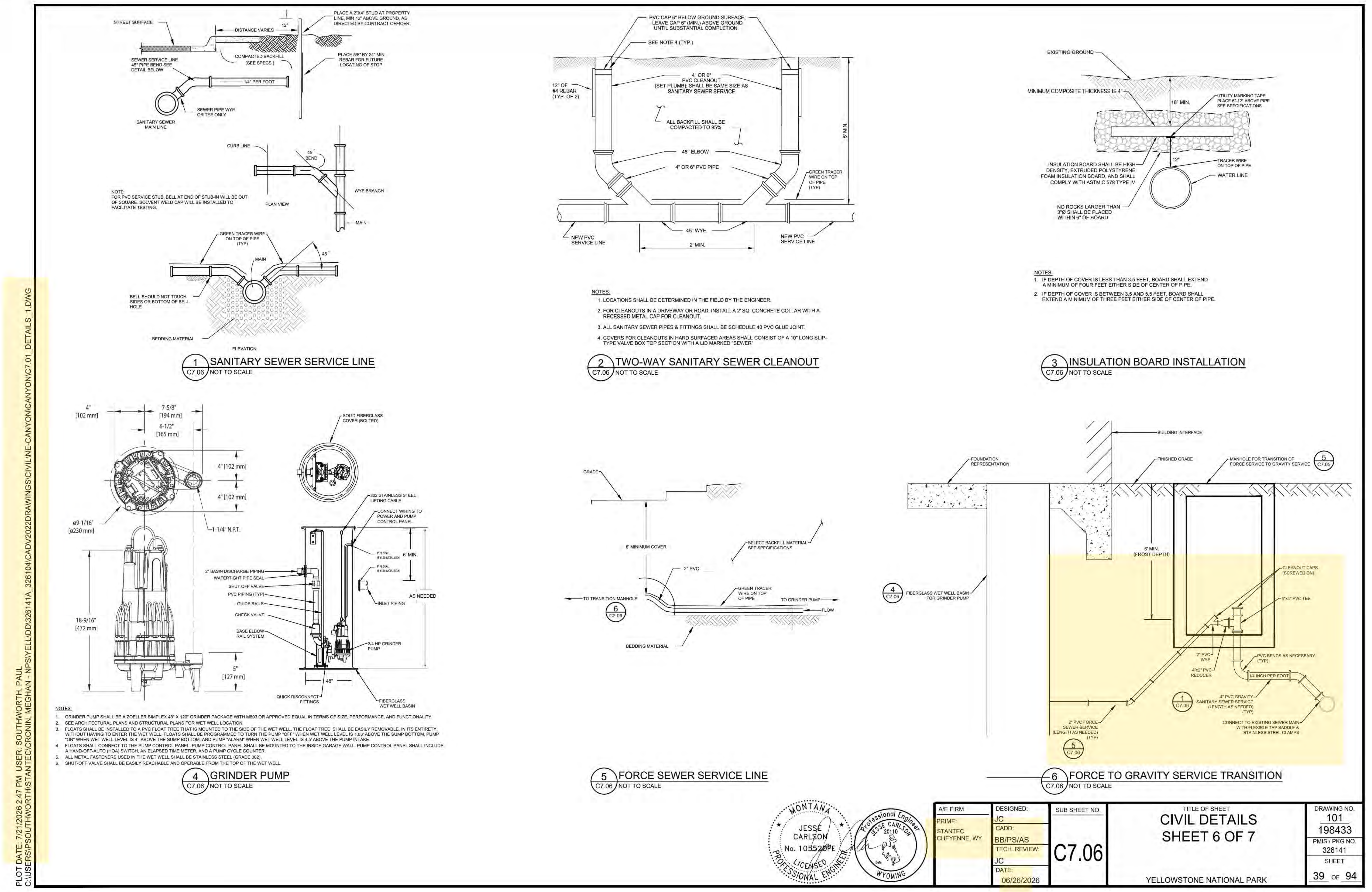
7 CONCRETE COLLAR
C7.05 NOT TO SCALE

MONTANA
JESSE CARLSON
No. 10552PE
Professional Engineer
JESSE CARLSON
20110
Date 6/18/26
WYOMING

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC	C7.05	CIVIL DETAILS SHEET 5 OF 7	101 198433
	CADD: BB/PS/AS			PMIS / PKG NO. 326141
	TECH. REVIEW: JC			SHEET
	DATE: 06/18/2026		YELLOWSTONE NATIONAL PARK	38 OF 94


1 THRUST BLOCKING FOR WATER LINE FITTINGS C7.05 NOT TO SCALE
2 THRUST BLOCKING C7.05 NOT TO SCALE
3 MINIMUM THRUST BLOCK DIMENSIONS C7.05 NOT TO SCALE
4 HYDRANT INSTALLATION C7.05 NOT TO SCALE
5 FLATTOP MANHOLE C7.05 NOT TO SCALE
6 MANHOLE CHANNEL C7.05 NOT TO SCALE
7 CONCRETE COLLAR C7.05 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. C7.05 TITLE OF SHEET CIVIL DETAILS SHEET 5 OF 7 YELLOWSTONE NATIONAL PARK DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 38 OF 94

VERSION A


STREET SURFACE
DISTANCE VARIES
12"
PLACE A 2"X4" STUD AT PROPERTY LINE, MIN 12" ABOVE GROUND, AS DIRECTED BY CONTRACT OFFICER.
COMPACTED BACKFILL (SEE SPECS.)
PLACE 5/8" BY 24" MIN REBAR FOR FUTURE LOCATING OF STOP
SEWER SERVICE LINE 45° PIPE BEND SEE DETAIL BELOW
1/4" PER FOOT
SEWER PIPE WYE OR TEE ONLY
SANITARY SEWER MAIN LINE
CURB LINE
45° BEND
WYE BRANCH
PLAN VIEW
MAIN
GREEN TRACER WIRE ON TOP OF PIPE (TYP)
45°
BELL SHOULD NOT TOUCH SIDES OR BOTTOM OF BELL HOLE
BEDDING MATERIAL
ELEVATION
PVC CAP 6" BELOW GROUND SURFACE. LEAVE CAP 6" (MIN.) ABOVE GROUND, UNTIL SUBSTANTIAL COMPLETION
SEE NOTE 4 (TYP.)
12" OF #4 REBAR (TYP. OF 2)
4" OR 6" PVC CLEANOUT (SET PLUMB) SHALL BE SAME SIZE AS SANITARY SEWER SERVICE
ALL BACKFILL SHALL BE COMPACTED TO 95%
45° ELBOW
4" OR 6" PVC PIPE
GREEN TRACER WIRE ON TOP OF PIPE (TYP)
45° WYE
2' MIN.
NEW PVC SERVICE LINE
EXISTING GROUND
MINIMUM COMPOSITE THICKNESS IS 4"
18" MIN.
UTILITY WARNING TAPE PLACE 6"-12" ABOVE PIPE SEE SPECIFICATIONS
INSULATION BOARD SHALL BE HIGH DENSITY, EXTRUDED POLYSTYRENE FOAM INSULATION BOARD, AND SHALL COMPLY WITH ASTM C 578 TYPE IV
12"
TRACER WIRE ON TOP OF PIPE
WATER LINE
NO ROCKS LARGER THAN 3"Ø SHALL BE PLACED WITHIN 6" OF BOARD
4" [102 mm]
7-5/8" [194 mm]
6-1/2" [165 mm]
4" [102 mm]
ø9-1/16" [ø230 mm]
1-1/4" N.P.T.
18-9/16" [472 mm]
5" [127 mm]
SOLID FIBERGLASS COVER (BOLTED)
3/4 HP GRINDER PUMP
48"
QUICK DISCONNECT FITTINGS
FIBERGLASS WET WELL BASIN
GRADE
6' MINIMUM COVER
2" PVC
SELECT BACKFILL MATERIAL SEE SPECIFICATIONS
GREEN TRACER WIRE ON TOP OF PIPE
TO TRANSITION MANHOLE
TO GRINDER PUMP
FLOW
BEDDING MATERIAL
FOUNDATION REPRESENTATION
BUILDING INTERFACE
FINISHED GRADE
MANHOLE FOR TRANSITION OF FORCE SERVICE TO GRAVITY SERVICE
FIBERGLASS WET WELL BASIN FOR GRINDER PUMP
6' MIN. (FROST DEPTH)
CLEANOUT CAPS (SCREWED ON)
4"x4" PVC TEE
2" PVC WYE
4"x2" PVC REDUCER
PVC BENDS AS NECESSARY (TYP)
1/4 INCH PER FOOT
4" PVC GRAVITY SANITARY SEWER SERVICE (LENGTH AS NEEDED) (TYP)
2" PVC FORCE SEWER SERVICE (LENGTH AS NEEDED) (TYP)
CONNECT TO EXISTING SEWER MAIN WITH FLEXIBLE TAP SADDLE & STAINLESS STEEL CLAMPS
1 C7.06
4 C7.06
5 C7.06
5 C7.06
6 C7.06

PLOT DATE: 7/21/2026 2:47 PM USER: SOUTHWORTH, PAUL
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NOTE:
FOR PVC SERVICE STUB, BELL AT END OF STUB-IN WILL BE OUT OF SQUARE. SOLVENT WELD CAP WILL BE INSTALLED TO FACILITATE TESTING.

1 C7.06 **SANITARY SEWER SERVICE LINE**
NOT TO SCALE

NOTES:

1. LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. FOR CLEANOUTS IN A DRIVEWAY OR ROAD, INSTALL A 2' SQ. CONCRETE COLLAR WITH A RECESSED METAL CAP FOR CLEANOUT.
3. ALL SANITARY SEWER PIPES & FITTINGS SHALL BE SCHEDULE 40 PVC GLUE JOINT.
4. COVERS FOR CLEANOUTS IN HARD SURFACED AREAS SHALL CONSIST OF A 10" LONG SLIP-TYPE VALVE BOX TOP SECTION WITH A LID MARKED "SEWER"

2 C7.06 **TWO-WAY SANITARY SEWER CLEANOUT**
NOT TO SCALE

NOTES:

1. IF DEPTH OF COVER IS LESS THAN 3.5 FEET, BOARD SHALL EXTEND A MINIMUM OF FOUR FEET EITHER SIDE OF CENTER OF PIPE.
2. IF DEPTH OF COVER IS BETWEEN 3.5 AND 5.5 FEET, BOARD SHALL EXTEND A MINIMUM OF THREE FEET EITHER SIDE OF CENTER OF PIPE.

3 C7.06 **INSULATION BOARD INSTALLATION**
NOT TO SCALE

NOTES:

1. GRINDER PUMP SHALL BE A ZOELLER SIMPLEX 48" X 120" GRINDER PACKAGE WITH M803 OR APPROVED EQUAL IN TERMS OF SIZE, PERFORMANCE, AND FUNCTIONALITY.
2. SEE ARCHITECTURAL PLANS AND STRUCTURAL PLANS FOR WET WELL LOCATION.
3. FLOATS SHALL BE INSTALLED TO A PVC FLOAT TREE THAT IS MOUNTED TO THE SIDE OF THE WET WELL. THE FLOAT TREE SHALL BE EASILY REMOVABLE, IN ITS ENTIRETY, WITHOUT HAVING TO ENTER THE WET WELL. FLOATS SHALL BE PROGRAMMED TO TURN THE PUMP "OFF" WHEN WET WELL LEVEL IS 1.83' ABOVE THE SUMP BOTTOM, PUMP "ON" WHEN WET WELL LEVEL IS 4' ABOVE THE SUMP BOTTOM, AND PUMP "ALARM" WHEN WET WELL LEVEL IS 4.5' ABOVE THE PUMP INTAKE.
4. FLOATS SHALL CONNECT TO THE PUMP CONTROL PANEL. PUMP CONTROL PANEL SHALL BE MOUNTED TO THE INSIDE GARAGE WALL. PUMP CONTROL PANEL SHALL INCLUDE A HAND-OFF-AUTO (HOA) SWITCH, AN ELAPSED TIME METER, AND A PUMP CYCLE COUNTER.
5. ALL METAL FASTENERS USED IN THE WET WELL SHALL BE STAINLESS STEEL (GRADE 302).
6. SHUT-OFF VALVE SHALL BE EASILY REACHABLE AND OPERABLE FROM THE TOP OF THE WET WELL.

4 C7.06 **GRINDER PUMP**
NOT TO SCALE

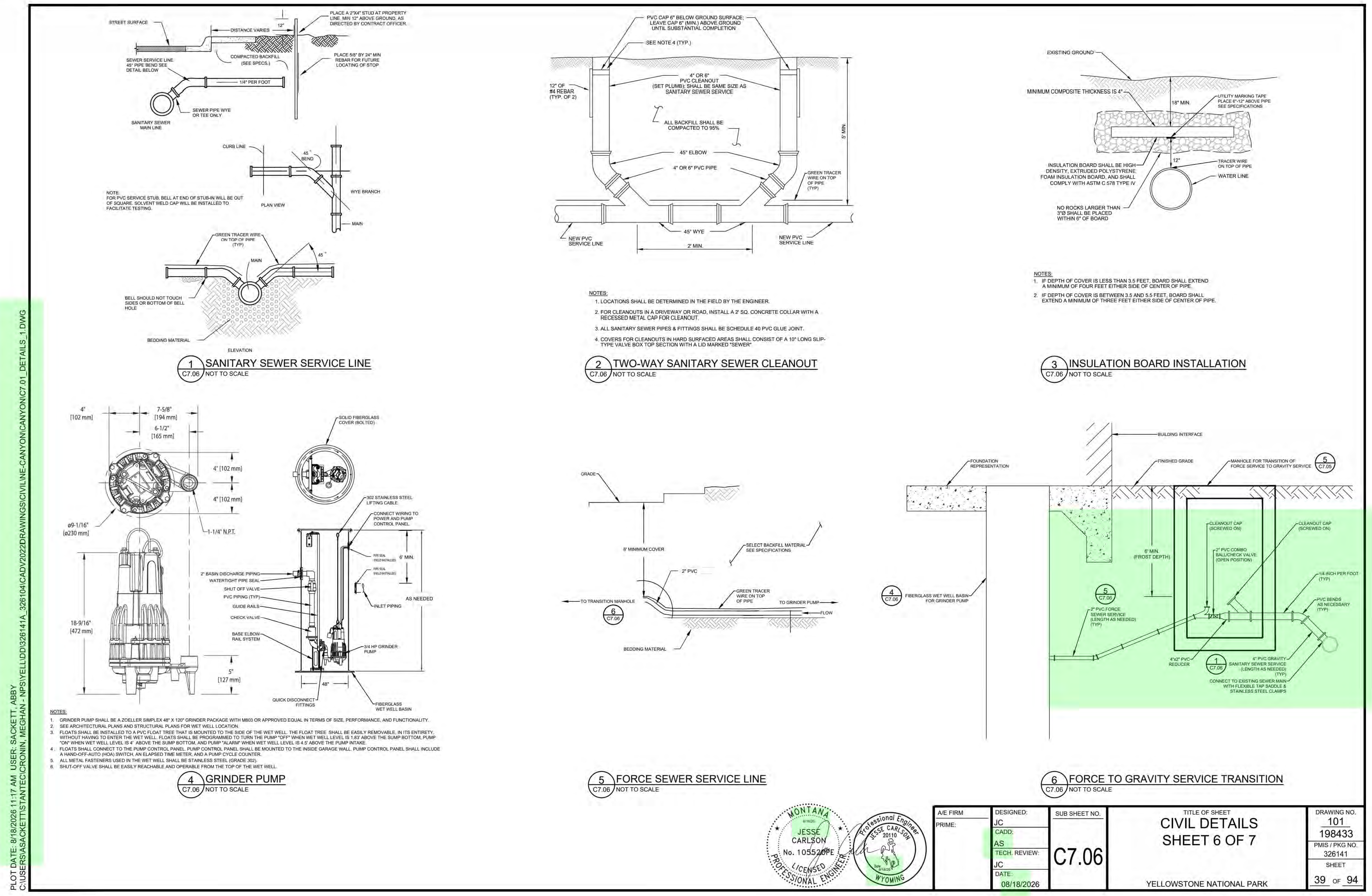
5 C7.06 **FORCE SEWER SERVICE LINE**
NOT TO SCALE

6 C7.06 **FORCE TO GRAVITY SERVICE TRANSITION**
NOT TO SCALE

MONTANA JESSE CARLSON No. 105520PE LICENSED PROFESSIONAL ENGINEER
Professional Engineer JESSE CARLSON 20110 WYOMING

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/26/2026	C7.06	CIVIL DETAILS SHEET 6 OF 7 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 39 OF 94

VERSION B


STREET SURFACE
DISTANCE VARIES
PLACE A 2"X4" STUD AT PROPERTY LINE, MIN 12" ABOVE GROUND, AS DIRECTED BY CONTRACT OFFICER.
COMPACTED BACKFILL (SEE SPECS.)
PLACE 5/8" BY 24" MIN REBAR FOR FUTURE LOCATING OF STOP
PVC CAP 6" BELOW GROUND SURFACE. LEAVE CAP 6" (MIN.) ABOVE GROUND, UNTIL SUBSTANTIAL COMPLETION
EXISTING GROUND
MINIMUM COMPOSITE THICKNESS IS 4"
GRADE
6' MINIMUM COVER
FOUNDATION REPRESENTATION
BUILDING INTERFACE
FINISHED GRADE
MANHOLE FOR TRANSITION OF FORCE SERVICE TO GRAVITY SERVICE
5 C7.05
6' MIN. (FROST DEPTH)
CLEANOUT CAP (SCREWED ON)
CLEANOUT CAP (SCREWED ON)
2" PVC COMBO BALL/CHECK VALVE (OPEN POSITION)
1/4 INCH PER FOOT (TYP)
PVC BENDS AS NECESSARY (TYP)
5 C7.06
2" PVC FORCE SEWER SERVICE (LENGTH AS NEEDED) (TYP)
4"x2" PVC REDUCER
1 C7.06
4" PVC GRAVITY SANITARY SEWER SERVICE (LENGTH AS NEEDED) (TYP)
CONNECT TO EXISTING SEWER MAIN WITH FLEXIBLE TAP SADDLE & STAINLESS STEEL CLAMPS

PLOT DATE: 8/18/2026 11:17 AM USER: SACKETT, ABBY
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1 C7.06 **SANITARY SEWER SERVICE LINE**
NOT TO SCALE

2 C7.06 **TWO-WAY SANITARY SEWER CLEANOUT**
NOT TO SCALE

3 C7.06 **INSULATION BOARD INSTALLATION**
NOT TO SCALE

4 C7.06 **GRINDER PUMP**
NOT TO SCALE

5 C7.06 **FORCE SEWER SERVICE LINE**
NOT TO SCALE

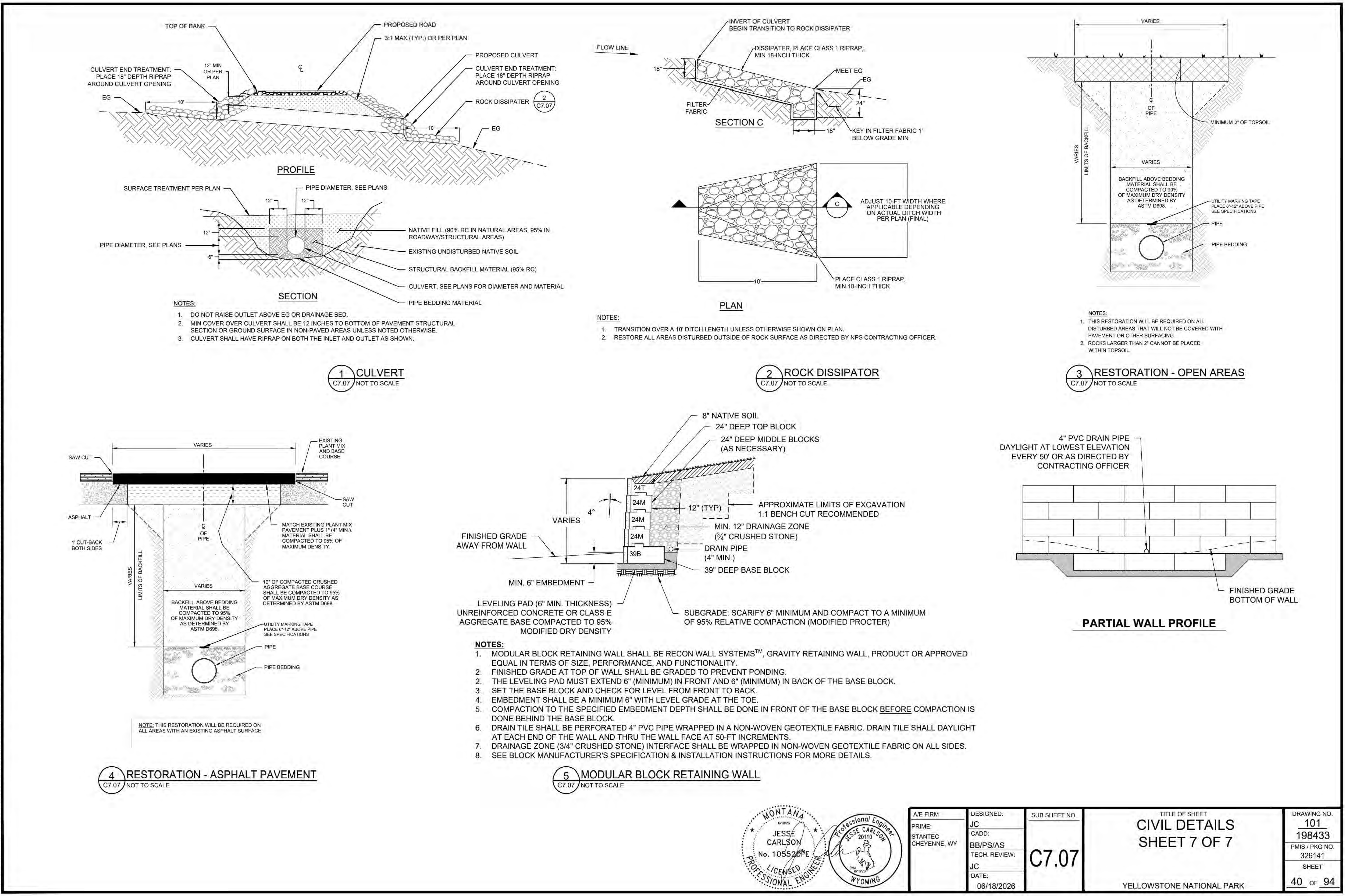
6 C7.06 **FORCE TO GRAVITY SERVICE TRANSITION**
NOT TO SCALE

MONTANA 8/18/26 JESSE CARLSON No. 105520PE LICENSED PROFESSIONAL ENGINEER
Professional Engineer JESSE CARLSON 20110 Date 8/18/26 WYOMING

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME:	JC CADD: AS TECH. REVIEW: JC DATE: 08/18/2026	C7.06	CIVIL DETAILS SHEET 6 OF 7 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 39 OF 94

DELTADOCS

IDENTICAL


TOP OF BANK
PROPOSED ROAD
3:1 MAX (TYP.) OR PER PLAN
PROPOSED CULVERT
CULVERT END TREATMENT: PLACE 18" DEPTH RIPRAP AROUND CULVERT OPENING
12" MIN OR PER PLAN
CULVERT END TREATMENT: PLACE 18" DEPTH RIPRAP AROUND CULVERT OPENING
EG
10'
ROCK DISSIPATER 2 C7.07
10'
EG
PROFILE
SURFACE TREATMENT PER PLAN
PIPE DIAMETER, SEE PLANS
12"
12"
12"
PIPE DIAMETER, SEE PLANS
6"
NATIVE FILL (90% RC IN NATURAL AREAS, 95% IN ROADWAY/STRUCTURAL AREAS)
EXISTING UNDISTURBED NATIVE SOIL
STRUCTURAL BACKFILL MATERIAL (95% RC)
CULVERT, SEE PLANS FOR DIAMETER AND MATERIAL
PIPE BEDDING MATERIAL
SECTION
FLOW LINE
INVERT OF CULVERT BEGIN TRANSITION TO ROCK DISSIPATER
DISSIPATER, PLACE CLASS 1 RIPRAP, MIN 18-INCH THICK
18"
MEET EG
EG
24"
FILTER FABRIC
SECTION C
18"
KEY IN FILTER FABRIC 1' BELOW GRADE MIN
C
ADJUST 10-FT WIDTH WHERE APPLICABLE DEPENDING ON ACTUAL DITCH WIDTH PER PLAN (FINAL)
10'
PLACE CLASS 1 RIPRAP, MIN 18-INCH THICK
PLAN
VARIES
℄ OF PIPE
MINIMUM 2" OF TOPSOIL
VARIES
LIMITS OF BACKFILL
VARIES
BACKFILL ABOVE BEDDING MATERIAL SHALL BE COMPACTED TO 90% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698.
UTILITY MARKING TAPE PLACE 6"-12" ABOVE PIPE SEE SPECIFICATIONS
PIPE
PIPE BEDDING
VARIES
EXISTING PLANT MIX AND BASE COURSE
SAW CUT
SAW CUT
ASPHALT
1' CUT-BACK BOTH SIDES
℄ OF PIPE
MATCH EXISTING PLANT MIX PAVEMENT PLUS 1" (4" MIN.). MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
VARIES
LIMITS OF BACKFILL
VARIES
10" OF COMPACTED CRUSHED AGGREGATE BASE COURSE SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698.
BACKFILL ABOVE BEDDING MATERIAL SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698.
UTILITY MARKING TAPE PLACE 6"-12" ABOVE PIPE SEE SPECIFICATIONS
PIPE
PIPE BEDDING
8" NATIVE SOIL
24" DEEP TOP BLOCK
24" DEEP MIDDLE BLOCKS (AS NECESSARY)
24T
24M
24M
24M
39B
4°
VARIES
12" (TYP)
APPROXIMATE LIMITS OF EXCAVATION 1:1 BENCH CUT RECOMMENDED
MIN. 12" DRAINAGE ZONE (¾" CRUSHED STONE)
DRAIN PIPE (4" MIN.)
39" DEEP BASE BLOCK
FINISHED GRADE AWAY FROM WALL
MIN. 6" EMBEDMENT
LEVELING PAD (6" MIN. THICKNESS) UNREINFORCED CONCRETE OR CLASS E AGGREGATE BASE COMPACTED TO 95% MODIFIED DRY DENSITY
SUBGRADE: SCARIFY 6" MINIMUM AND COMPACT TO A MINIMUM OF 95% RELATIVE COMPACTION (MODIFIED PROCTER)
4" PVC DRAIN PIPE DAYLIGHT AT LOWEST ELEVATION EVERY 50' OR AS DIRECTED BY CONTRACTING OFFICER
FINISHED GRADE BOTTOM OF WALL
PARTIAL WALL PROFILE

PLOT DATE: 6/18/2026 9:19 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C7.01_DETAILS_1.DWG

NOTES:

1. DO NOT RAISE OUTLET ABOVE EG OR DRAINAGE BED.
2. MIN COVER OVER CULVERT SHALL BE 12 INCHES TO BOTTOM OF PAVEMENT STRUCTURAL SECTION OR GROUND SURFACE IN NON-PAVED AREAS UNLESS NOTED OTHERWISE.
3. CULVERT SHALL HAVE RIPRAP ON BOTH THE INLET AND OUTLET AS SHOWN.

1 C7.07 **CULVERT**
NOT TO SCALE

NOTES:

1. TRANSITION OVER A 10' DITCH LENGTH UNLESS OTHERWISE SHOWN ON PLAN.
2. RESTORE ALL AREAS DISTURBED OUTSIDE OF ROCK SURFACE AS DIRECTED BY NPS CONTRACTING OFFICER.

2 C7.07 **ROCK DISSIPATOR**
NOT TO SCALE

NOTES:

1. THIS RESTORATION WILL BE REQUIRED ON ALL DISTURBED AREAS THAT WILL NOT BE COVERED WITH PAVEMENT OR OTHER SURFACING.
2. ROCKS LARGER THAN 2" CANNOT BE PLACED WITHIN TOPSOIL.

3 C7.07 **RESTORATION - OPEN AREAS**
NOT TO SCALE

NOTE: THIS RESTORATION WILL BE REQUIRED ON ALL AREAS WITH AN EXISTING ASPHALT SURFACE.

4 C7.07 **RESTORATION - ASPHALT PAVEMENT**
NOT TO SCALE

NOTES:

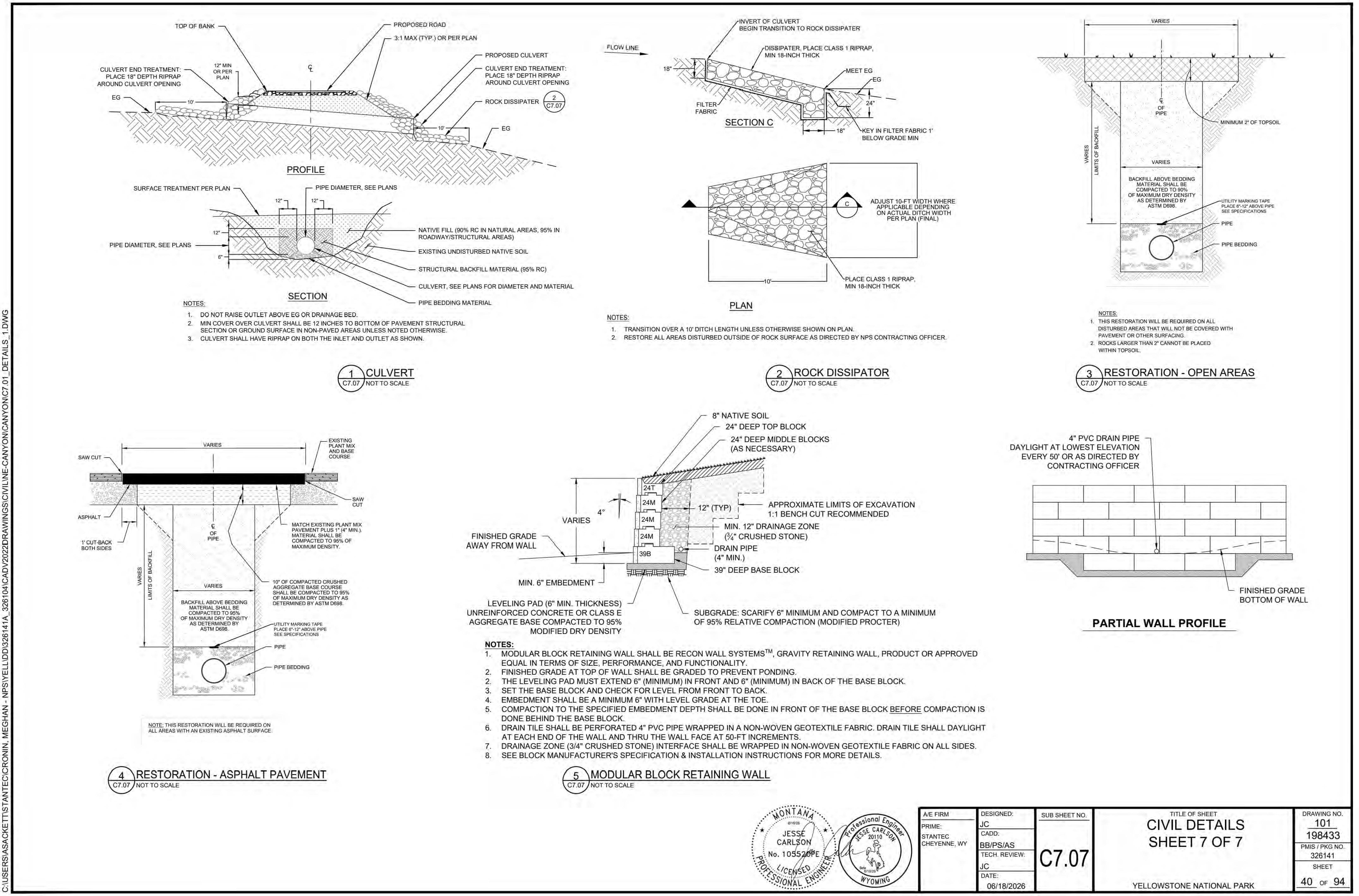
1. MODULAR BLOCK RETAINING WALL SHALL BE RECON WALL SYSTEMS™, GRAVITY RETAINING WALL, PRODUCT OR APPROVED EQUAL IN TERMS OF SIZE, PERFORMANCE, AND FUNCTIONALITY.
2. FINISHED GRADE AT TOP OF WALL SHALL BE GRADED TO PREVENT PONDING.
2. THE LEVELING PAD MUST EXTEND 6" (MINIMUM) IN FRONT AND 6" (MINIMUM) IN BACK OF THE BASE BLOCK.
3. SET THE BASE BLOCK AND CHECK FOR LEVEL FROM FRONT TO BACK.
4. EMBEDMENT SHALL BE A MINIMUM 6" WITH LEVEL GRADE AT THE TOE.
5. COMPACTION TO THE SPECIFIED EMBEDMENT DEPTH SHALL BE DONE IN FRONT OF THE BASE BLOCK BEFORE COMPACTION IS DONE BEHIND THE BASE BLOCK.
6. DRAIN TILE SHALL BE PERFORATED 4" PVC PIPE WRAPPED IN A NON-WOVEN GEOTEXTILE FABRIC. DRAIN TILE SHALL DAYLIGHT AT EACH END OF THE WALL AND THRU THE WALL FACE AT 50-FT INCREMENTS.
7. DRAINAGE ZONE (3/4" CRUSHED STONE) INTERFACE SHALL BE WRAPPED IN NON-WOVEN GEOTEXTILE FABRIC ON ALL SIDES.
8. SEE BLOCK MANUFACTURER'S SPECIFICATION & INSTALLATION INSTRUCTIONS FOR MORE DETAILS.

5 C7.07 **MODULAR BLOCK RETAINING WALL**
NOT TO SCALE

6/18/26
JESSE CARLSON
No. 10552PE

JESSE CARLSON
20110
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. C7.07	TITLE OF SHEET CIVIL DETAILS SHEET 7 OF 7 YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 40 OF 94


PLOT DATE: 6/18/2026 9:19 AM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C7.01_DETAILS_1.DWG

NOTES:
1. DO NOT RAISE OUTLET ABOVE EG OR DRAINAGE BED.
2. MIN COVER OVER CULVERT SHALL BE 12 INCHES TO BOTTOM OF PAVEMENT STRUCTURAL SECTION OR GROUND SURFACE IN NON-PAVED AREAS UNLESS NOTED OTHERWISE.
3. CULVERT SHALL HAVE RIPRAP ON BOTH THE INLET AND OUTLET AS SHOWN.

1 C7.07 CULVERT
NOT TO SCALE

NOTES:
1. TRANSITION OVER A 10' DITCH LENGTH UNLESS OTHERWISE SHOWN ON PLAN.
2. RESTORE ALL AREAS DISTURBED OUTSIDE OF ROCK SURFACE AS DIRECTED BY NPS CONTRACTING OFFICER.

2 C7.07 ROCK DISSIPATOR
NOT TO SCALE

NOTES:
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3 C7.07 RESTORATION - OPEN AREAS
NOT TO SCALE

NOTE: THIS RESTORATION WILL BE REQUIRED ON ALL AREAS WITH AN EXISTING ASPHALT SURFACE.

4 C7.07 RESTORATION - ASPHALT PAVEMENT
NOT TO SCALE

NOTES:
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2. FINISHED GRADE AT TOP OF WALL SHALL BE GRADED TO PREVENT PONDING.
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3. SET THE BASE BLOCK AND CHECK FOR LEVEL FROM FRONT TO BACK.
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8. SEE BLOCK MANUFACTURER'S SPECIFICATION & INSTALLATION INSTRUCTIONS FOR MORE DETAILS.

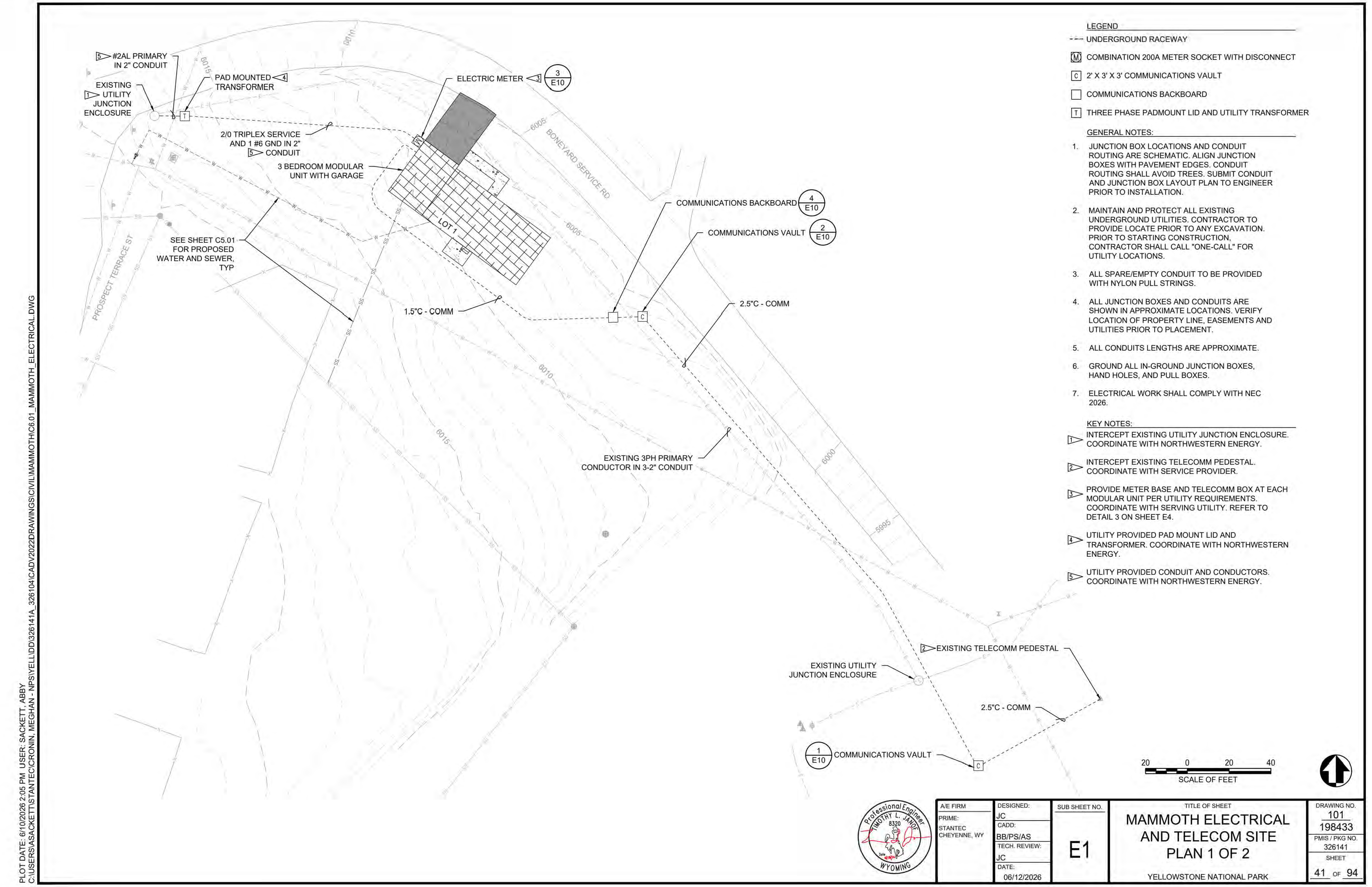
5 C7.07 MODULAR BLOCK RETAINING WALL
NOT TO SCALE

6/18/26
JESSE CARLSON
No. 10552PE

JESSE CARLSON
20110
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. C7.07
TITLE OF SHEET
CIVIL DETAILS
SHEET 7 OF 7
YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433
PMIS / PKG NO. 326141
SHEET 40 OF 94

IDENTICAL


#2AL PRIMARY IN 2" CONDUIT
5
EXISTING UTILITY JUNCTION ENCLOSURE
1
PAD MOUNTED TRANSFORMER
4
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" CONDUIT
5
ELECTRIC METER
3
3/E10
3 BEDROOM MODULAR UNIT WITH GARAGE
LOT 1
BONEYARD SERVICE RD
PROSPECT TERRACE ST
SEE SHEET C5.01 FOR PROPOSED WATER AND SEWER, TYP
COMMUNICATIONS BACKBOARD
4/E10
COMMUNICATIONS VAULT
2/E10
1.5"C - COMM
2.5"C - COMM
EXISTING 3PH PRIMARY CONDUCTOR IN 3-2" CONDUIT
EXISTING TELECOMM PEDESTAL
2
EXISTING UTILITY JUNCTION ENCLOSURE
2.5"C - COMM
1/E10
COMMUNICATIONS VAULT
6015
6010
6005
6000
5995
20
0
20
40
SCALE OF FEET

PLOT DATE: 6/10/2026 2:05 PM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\MAMMOTH\C6.01_MAMMOTH_ELECTRICAL.DWG

LEGEND

- - - UNDERGROUND RACEWAY

Ⓜ COMBINATION 200A METER SOCKET WITH DISCONNECT

C 2' X 3' X 3' COMMUNICATIONS VAULT

☐ COMMUNICATIONS BACKBOARD

T THREE PHASE PADMOUNT LID AND UTILITY TRANSFORMER

GENERAL NOTES:

1. JUNCTION BOX LOCATIONS AND CONDUIT ROUTING ARE SCHEMATIC. ALIGN JUNCTION BOXES WITH PAVEMENT EDGES. CONDUIT ROUTING SHALL AVOID TREES. SUBMIT CONDUIT AND JUNCTION BOX LAYOUT PLAN TO ENGINEER PRIOR TO INSTALLATION.
2. MAINTAIN AND PROTECT ALL EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO PROVIDE LOCATE PRIOR TO ANY EXCAVATION. PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL CALL "ONE-CALL" FOR UTILITY LOCATIONS.
3. ALL SPARE/EMPTY CONDUIT TO BE PROVIDED WITH NYLON PULL STRINGS.
4. ALL JUNCTION BOXES AND CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS. VERIFY LOCATION OF PROPERTY LINE, EASEMENTS AND UTILITIES PRIOR TO PLACEMENT.
5. ALL CONDUITS LENGTHS ARE APPROXIMATE.
6. GROUND ALL IN-GROUND JUNCTION BOXES, HAND HOLES, AND PULL BOXES.
7. ELECTRICAL WORK SHALL COMPLY WITH NEC 2026.

KEY NOTES:

1 INTERCEPT EXISTING UTILITY JUNCTION ENCLOSURE. COORDINATE WITH NORTHWESTERN ENERGY.

2 INTERCEPT EXISTING TELECOMM PEDESTAL. COORDINATE WITH SERVICE PROVIDER.

3 PROVIDE METER BASE AND TELECOMM BOX AT EACH MODULAR UNIT PER UTILITY REQUIREMENTS. COORDINATE WITH SERVING UTILITY. REFER TO DETAIL 3 ON SHEET E4.

4 UTILITY PROVIDED PAD MOUNT LID AND TRANSFORMER. COORDINATE WITH NORTHWESTERN ENERGY.

5 UTILITY PROVIDED CONDUIT AND CONDUCTORS. COORDINATE WITH NORTHWESTERN ENERGY.

TIMOTHY L. JANOF
8320
Date 6/12/26

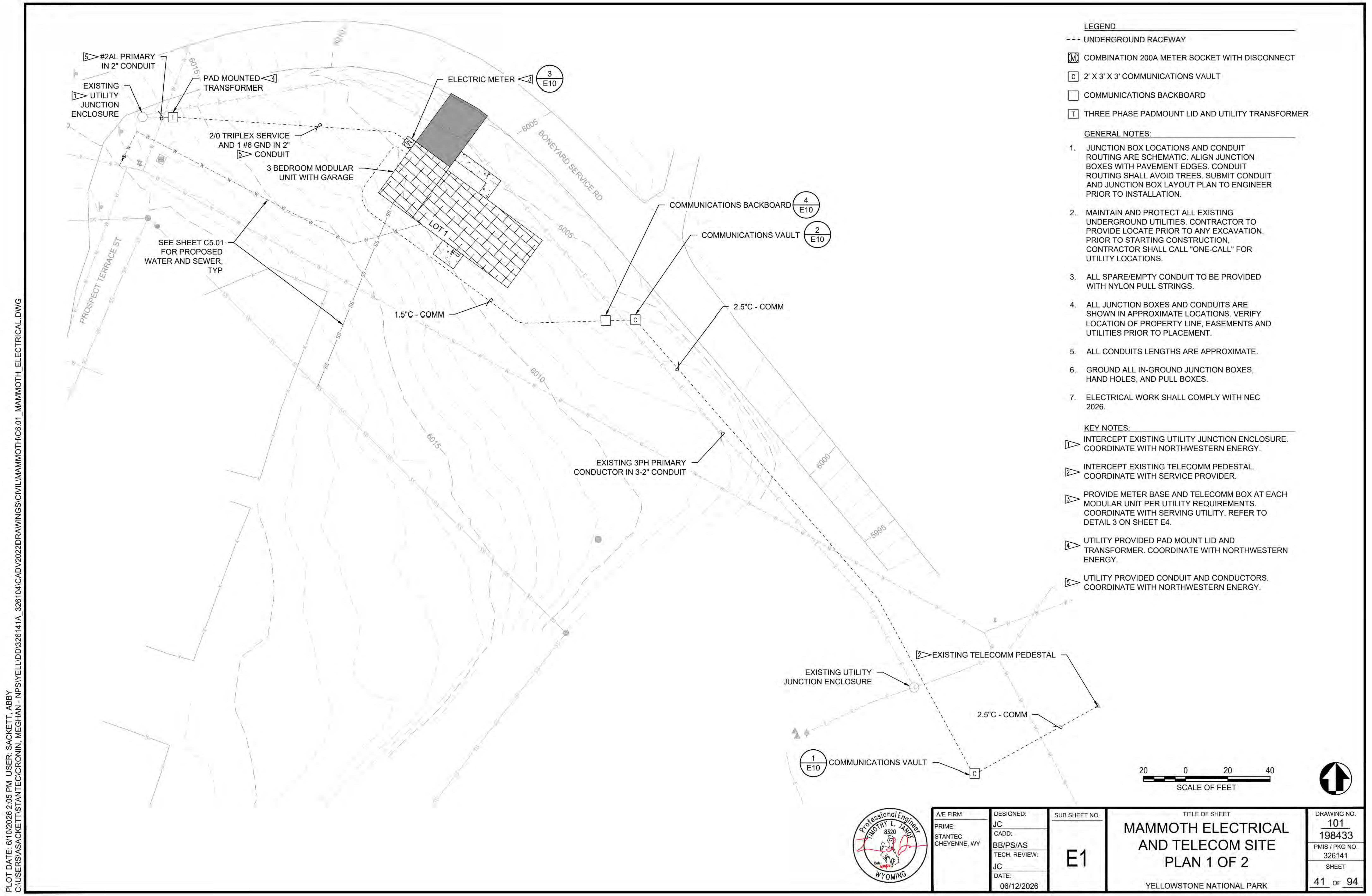
A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
DATE: 06/12/2026

SUB SHEET NO.
E1

TITLE OF SHEET
MAMMOTH ELECTRICAL
AND TELECOM SITE
PLAN 1 OF 2
YELLOWSTONE NATIONAL PARK

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


#2AL PRIMARY IN 2" CONDUIT
EXISTING UTILITY JUNCTION ENCLOSURE
PAD MOUNTED TRANSFORMER
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" CONDUIT
ELECTRIC METER
3 BEDROOM MODULAR UNIT WITH GARAGE
SEE SHEET C5.01 FOR PROPOSED WATER AND SEWER, TYP
COMMUNICATIONS BACKBOARD
COMMUNICATIONS VAULT
1.5"C - COMM
2.5"C - COMM
EXISTING 3PH PRIMARY CONDUCTOR IN 3-2" CONDUIT
EXISTING TELECOMM PEDESTAL
EXISTING UTILITY JUNCTION ENCLOSURE
2.5"C - COMM
COMMUNICATIONS VAULT
SCALE OF FEET

PLOT DATE: 6/10/2026 2:05 PM USER: SACKETT, ABBY
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LEGEND
- - - UNDERGROUND RACEWAY
Ⓜ COMBINATION 200A METER SOCKET WITH DISCONNECT
C 2' X 3' X 3' COMMUNICATIONS VAULT
☐ COMMUNICATIONS BACKBOARD
T THREE PHASE PADMOUNT LID AND UTILITY TRANSFORMER

GENERAL NOTES:
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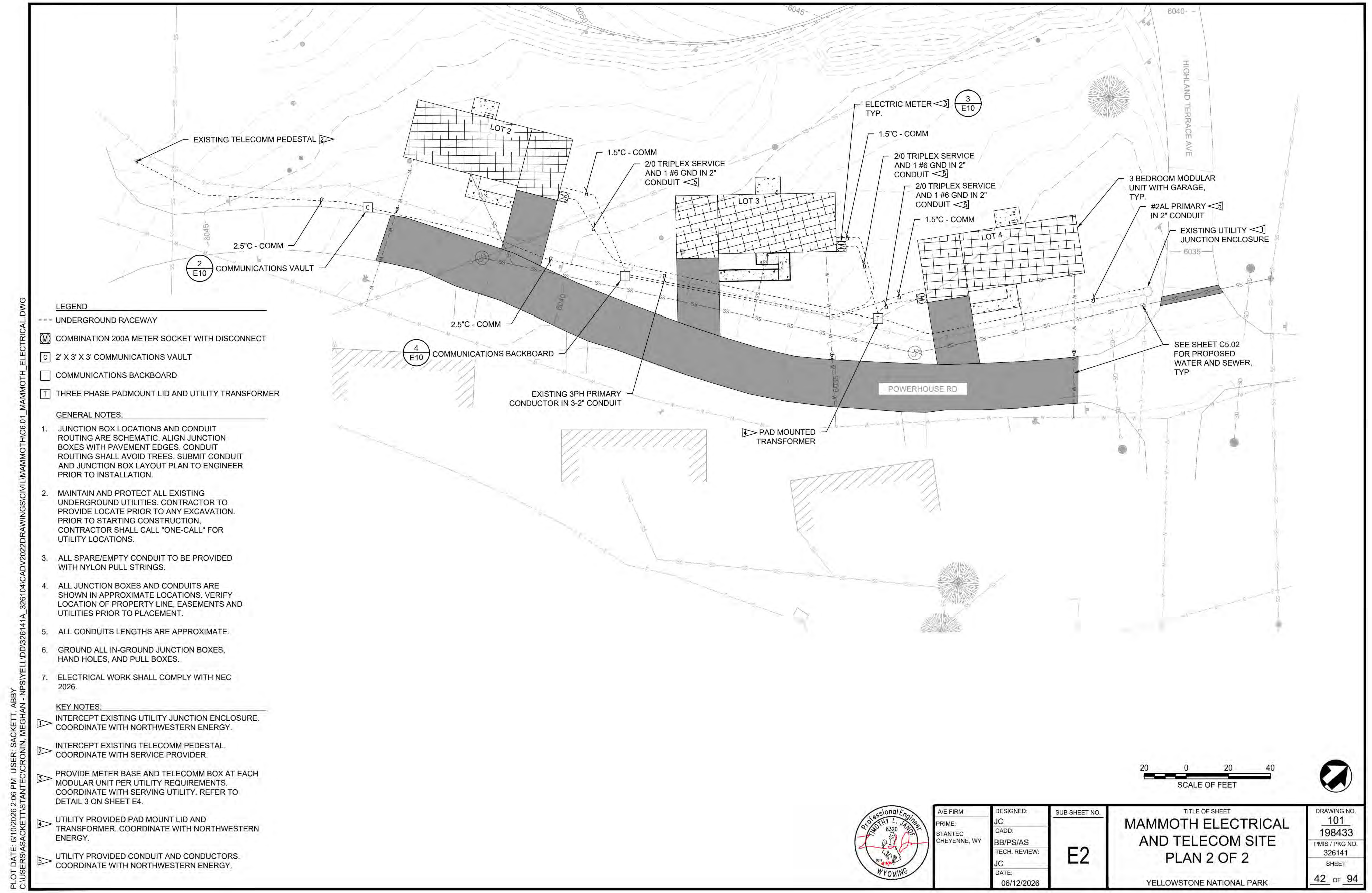
2. MAINTAIN AND PROTECT ALL EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO PROVIDE LOCATE PRIOR TO ANY EXCAVATION. PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL CALL "ONE-CALL" FOR UTILITY LOCATIONS.
3. ALL SPARE/EMPTY CONDUIT TO BE PROVIDED WITH NYLON PULL STRINGS.
4. ALL JUNCTION BOXES AND CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS. VERIFY LOCATION OF PROPERTY LINE, EASEMENTS AND UTILITIES PRIOR TO PLACEMENT.
5. ALL CONDUITS LENGTHS ARE APPROXIMATE.
6. GROUND ALL IN-GROUND JUNCTION BOXES, HAND HOLES, AND PULL BOXES.
7. ELECTRICAL WORK SHALL COMPLY WITH NEC 2026.

KEY NOTES:
1 INTERCEPT EXISTING UTILITY JUNCTION ENCLOSURE. COORDINATE WITH NORTHWESTERN ENERGY.
2 INTERCEPT EXISTING TELECOMM PEDESTAL. COORDINATE WITH SERVICE PROVIDER.
3 PROVIDE METER BASE AND TELECOMM BOX AT EACH MODULAR UNIT PER UTILITY REQUIREMENTS. COORDINATE WITH SERVING UTILITY. REFER TO DETAIL 3 ON SHEET E4.
4 UTILITY PROVIDED PAD MOUNT LID AND TRANSFORMER. COORDINATE WITH NORTHWESTERN ENERGY.
5 UTILITY PROVIDED CONDUIT AND CONDUCTORS. COORDINATE WITH NORTHWESTERN ENERGY.

A/E FIRM PRIME: STANTEC CHEYENNE, WY
DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/12/2026
SUB SHEET NO. E1
TITLE OF SHEET MAMMOTH ELECTRICAL AND TELECOM SITE PLAN 1 OF 2 YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 41 OF 94

DELTADOCS

IDENTICAL


EXISTING TELECOMM PEDESTAL 2
LOT 2
1.5"C - COMM
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" CONDUIT 5
ELECTRIC METER 3 TYP.
3 E10
1.5"C - COMM
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" CONDUIT 5
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" CONDUIT 5
1.5"C - COMM
LOT 3
LOT 4
3 BEDROOM MODULAR UNIT WITH GARAGE, TYP.
#2AL PRIMARY 5 IN 2" CONDUIT
EXISTING UTILITY 1 JUNCTION ENCLOSURE
HIGHLAND TERRACE AVE
6045
6040
6035
2.5"C - COMM
2 E10 COMMUNICATIONS VAULT
2.5"C - COMM
4 E10 COMMUNICATIONS BACKBOARD
EXISTING 3PH PRIMARY CONDUCTOR IN 3-2" CONDUIT
POWERHOUSE RD
4 PAD MOUNTED TRANSFORMER
SEE SHEET C5.02 FOR PROPOSED WATER AND SEWER, TYP
20 0 20 40
SCALE OF FEET

PLOT DATE: 6/10/2026 2:06 PM USER: SACKETT, ABBY
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LEGEND

- - - UNDERGROUND RACEWAY
Ⓜ COMBINATION 200A METER SOCKET WITH DISCONNECT
C 2' X 3' X 3' COMMUNICATIONS VAULT
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T THREE PHASE PADMOUNT LID AND UTILITY TRANSFORMER

GENERAL NOTES:

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2 INTERCEPT EXISTING TELECOMM PEDESTAL. COORDINATE WITH SERVICE PROVIDER.

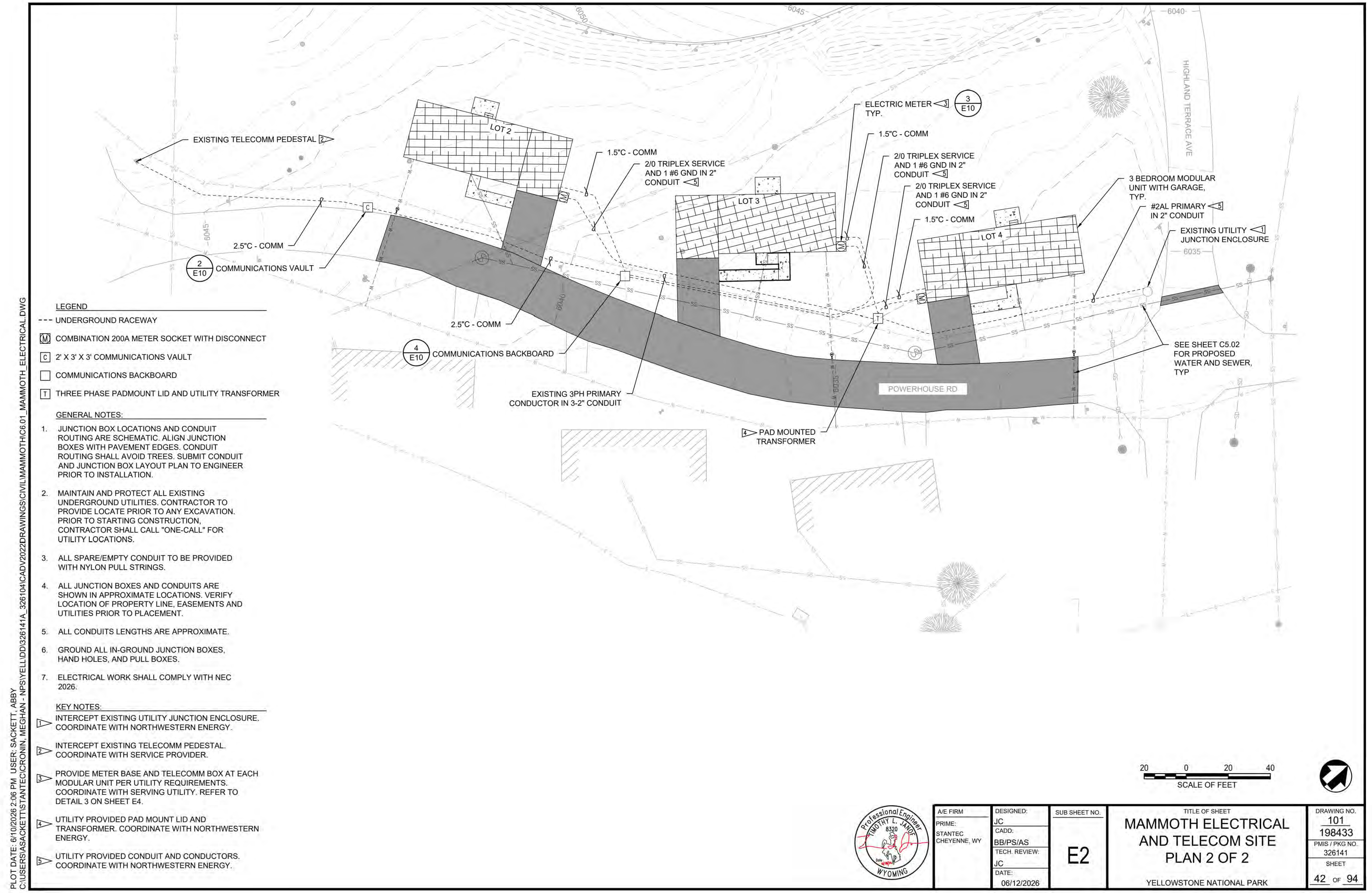
3 PROVIDE METER BASE AND TELECOMM BOX AT EACH MODULAR UNIT PER UTILITY REQUIREMENTS. COORDINATE WITH SERVING UTILITY. REFER TO DETAIL 3 ON SHEET E4.

4 UTILITY PROVIDED PAD MOUNT LID AND TRANSFORMER. COORDINATE WITH NORTHWESTERN ENERGY.

5 UTILITY PROVIDED CONDUIT AND CONDUCTORS. COORDINATE WITH NORTHWESTERN ENERGY.

Professional Engineer TIMOTHY L. JANOF 8320 WYOMING

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/12/2026	E2	MAMMOTH ELECTRICAL AND TELECOM SITE PLAN 2 OF 2 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 42 OF 94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LEGEND
- - - UNDERGROUND RACEWAY
Ⓜ COMBINATION 200A METER SOCKET WITH DISCONNECT
C 2' X 3' X 3' COMMUNICATIONS VAULT
☐ COMMUNICATIONS BACKBOARD
T THREE PHASE PADMOUNT LID AND UTILITY TRANSFORMER

GENERAL NOTES:
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KEY NOTES:
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2 INTERCEPT EXISTING TELECOMM PEDESTAL. COORDINATE WITH SERVICE PROVIDER.
3 PROVIDE METER BASE AND TELECOMM BOX AT EACH MODULAR UNIT PER UTILITY REQUIREMENTS. COORDINATE WITH SERVING UTILITY. REFER TO DETAIL 3 ON SHEET E4.
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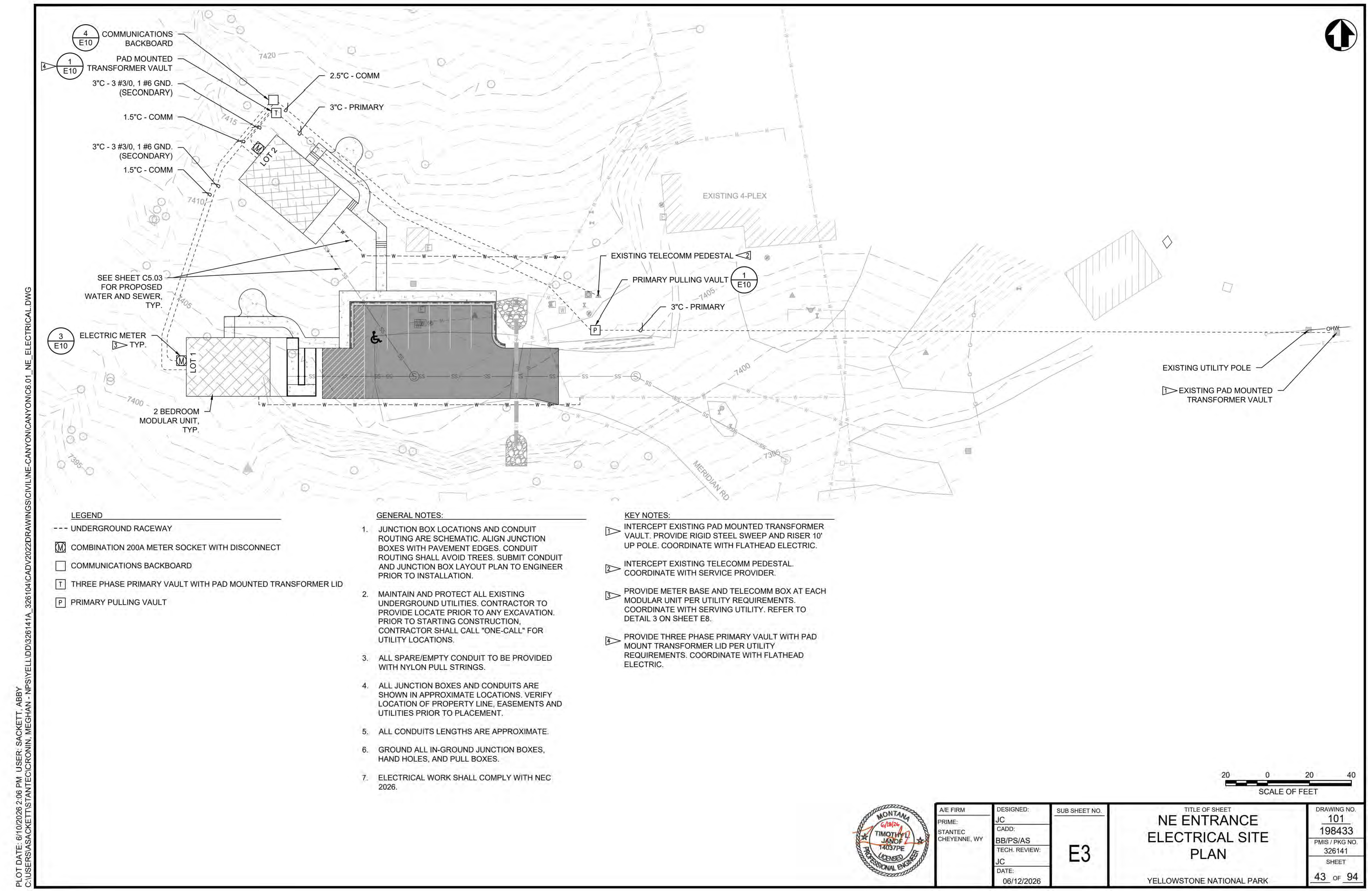
Professional Engineer TIMOTHY L. JANOF 8320 WYOMING

A/E FIRM PRIME: STANTEC CHEYENNE, WY
DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/12/2026
SUB SHEET NO. E2
TITLE OF SHEET MAMMOTH ELECTRICAL AND TELECOM SITE PLAN 2 OF 2 YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 42 OF 94

IDENTICAL



PLOT DATE: 6/10/2026 2:06 PM USER: SACKETT, ABBY
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LEGEND

---	UNDERGROUND RACEWAY
M	COMBINATION 200A METER SOCKET WITH DISCONNECT
☐	COMMUNICATIONS BACKBOARD
T	THREE PHASE PRIMARY VAULT WITH PAD MOUNTED TRANSFORMER LID
P	PRIMARY PULLING VAULT

GENERAL NOTES:

1. JUNCTION BOX LOCATIONS AND CONDUIT ROUTING ARE SCHEMATIC. ALIGN JUNCTION BOXES WITH PAVEMENT EDGES. CONDUIT ROUTING SHALL AVOID TREES. SUBMIT CONDUIT AND JUNCTION BOX LAYOUT PLAN TO ENGINEER PRIOR TO INSTALLATION.
2. MAINTAIN AND PROTECT ALL EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO PROVIDE LOCATE PRIOR TO ANY EXCAVATION. PRIOR TO STARTING CONSTRUCTION, CONTRACTOR SHALL CALL "ONE-CALL" FOR UTILITY LOCATIONS.
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4. ALL JUNCTION BOXES AND CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS. VERIFY LOCATION OF PROPERTY LINE, EASEMENTS AND UTILITIES PRIOR TO PLACEMENT.
5. ALL CONDUITS LENGTHS ARE APPROXIMATE.
6. GROUND ALL IN-GROUND JUNCTION BOXES, HAND HOLES, AND PULL BOXES.
7. ELECTRICAL WORK SHALL COMPLY WITH NEC 2026.

KEY NOTES:

1 INTERCEPT EXISTING PAD MOUNTED TRANSFORMER VAULT. PROVIDE RIGID STEEL SWEEP AND RISER 10' UP POLE. COORDINATE WITH FLATHEAD ELECTRIC.

2 INTERCEPT EXISTING TELECOMM PEDESTAL. COORDINATE WITH SERVICE PROVIDER.

3 PROVIDE METER BASE AND TELECOMM BOX AT EACH MODULAR UNIT PER UTILITY REQUIREMENTS. COORDINATE WITH SERVING UTILITY. REFER TO DETAIL 3 ON SHEET E8.

4 PROVIDE THREE PHASE PRIMARY VAULT WITH PAD MOUNT TRANSFORMER LID PER UTILITY REQUIREMENTS. COORDINATE WITH FLATHEAD ELECTRIC.

MONTANA
6/18/26
TIMOTHY L. JANOF
14037PE
LICENSED PROFESSIONAL ENGINEER

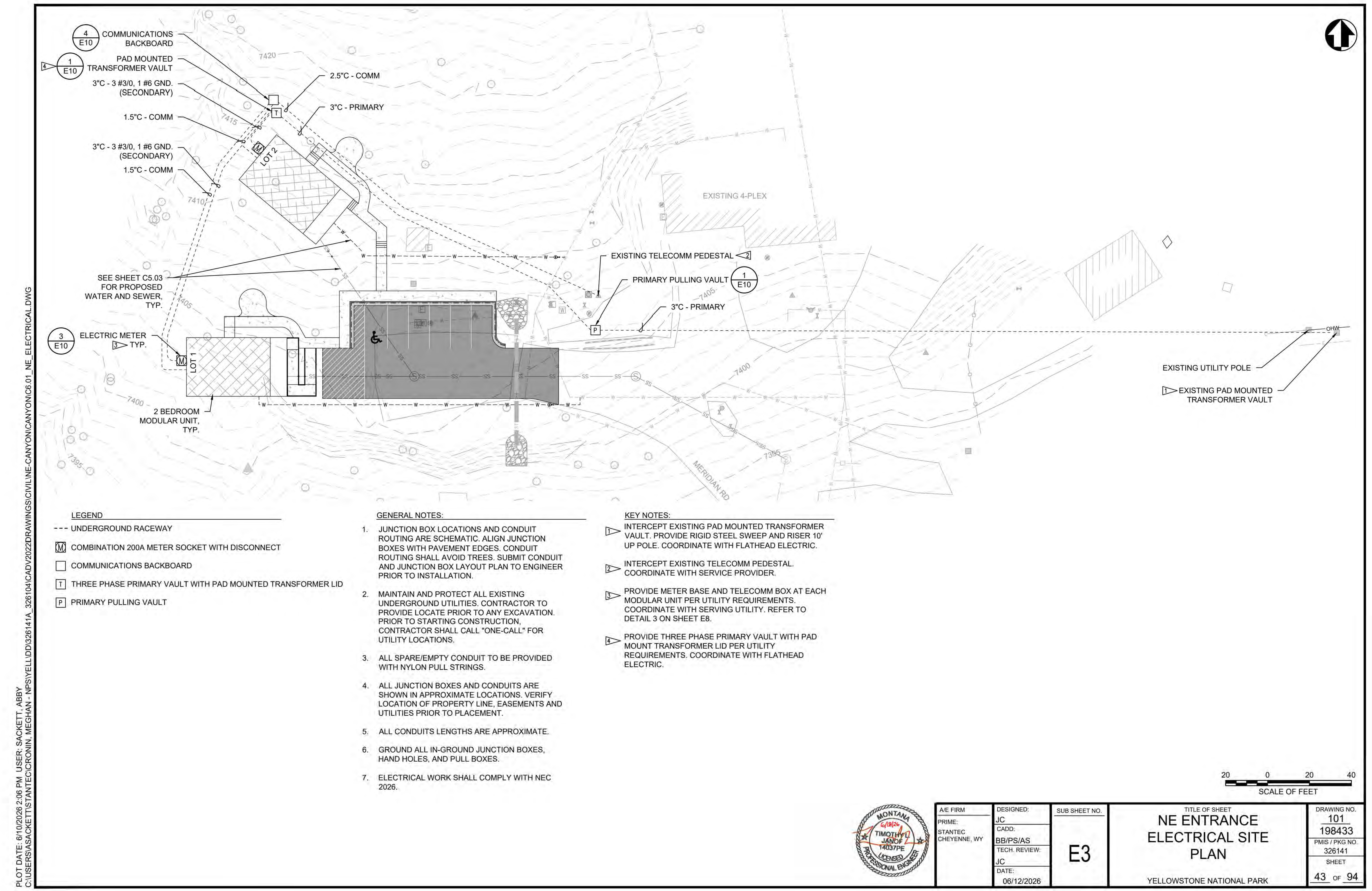
A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
DATE: 06/12/2026

SUB SHEET NO.
E3

TITLE OF SHEET
NE ENTRANCE
ELECTRICAL SITE
PLAN
YELLOWSTONE NATIONAL PARK

DRAWING NO.
101
198433
PMIS / PKG NO.
326141
SHEET
43 OF 94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LEGEND
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M COMBINATION 200A METER SOCKET WITH DISCONNECT
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A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY
DESIGNED: JC
CADD: BB/PS/AS
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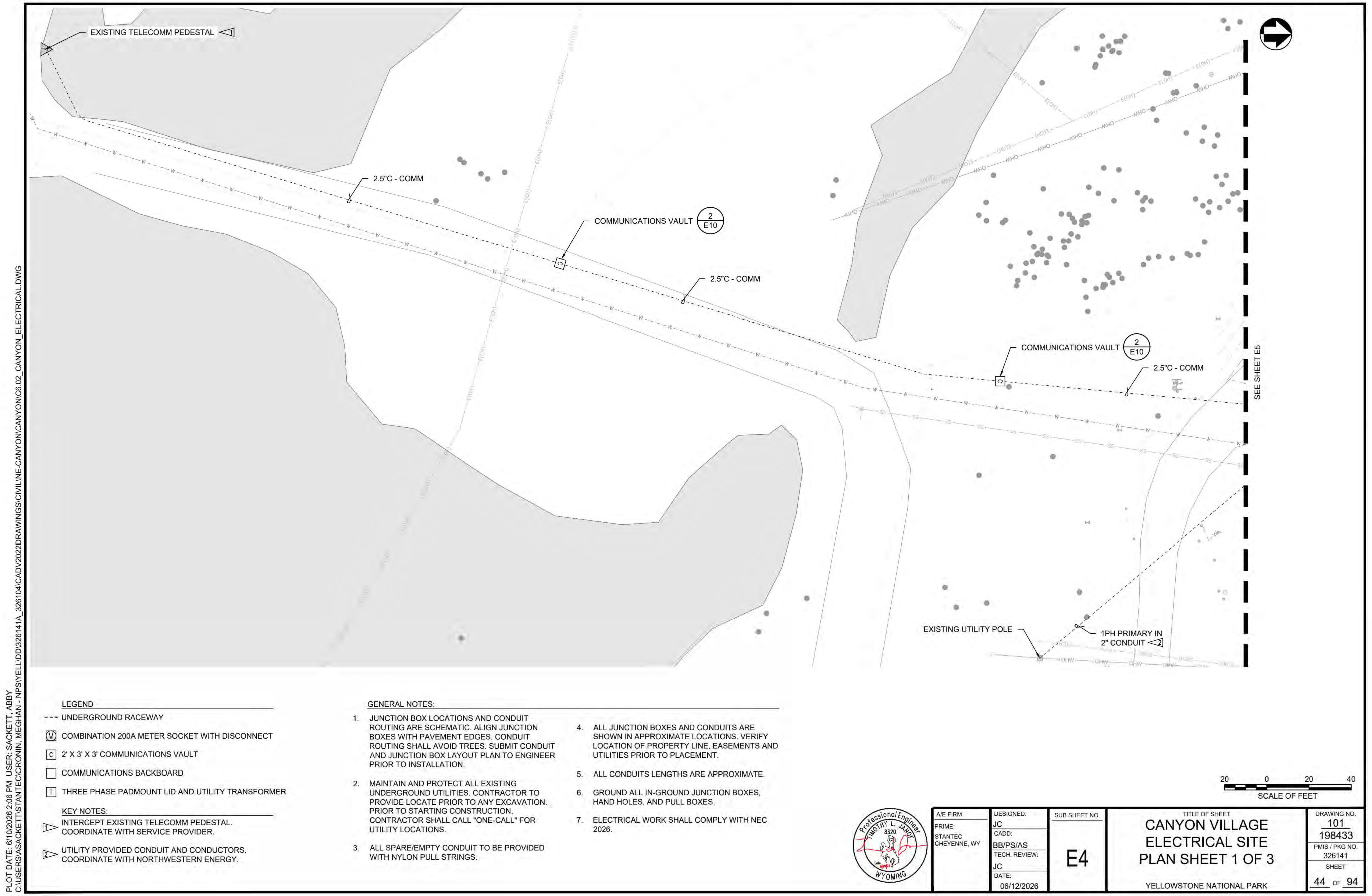
ELECTRICAL SITE
PLAN
YELLOWSTONE NATIONAL PARK
DRAWING NO.
101
198433
PMIS / PKG NO.
326141
SHEET
43 OF 94

IDENTICAL


EXISTING TELECOMM PEDESTAL 1
2.5"C - COMM
COMMUNICATIONS VAULT 2/E10
2.5"C - COMM
COMMUNICATIONS VAULT 2/E10
2.5"C - COMM
SEE SHEET E5
EXISTING UTILITY POLE
1PH PRIMARY IN 2" CONDUIT 2
20 0 20 40
SCALE OF FEET

PLOT DATE: 6/10/2026 2:06 PM USER: SACKETT, ABBY
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LEGEND

- - - UNDERGROUND RACEWAY
Ⓜ COMBINATION 200A METER SOCKET WITH DISCONNECT
C 2' X 3' X 3' COMMUNICATIONS VAULT
☐ COMMUNICATIONS BACKBOARD
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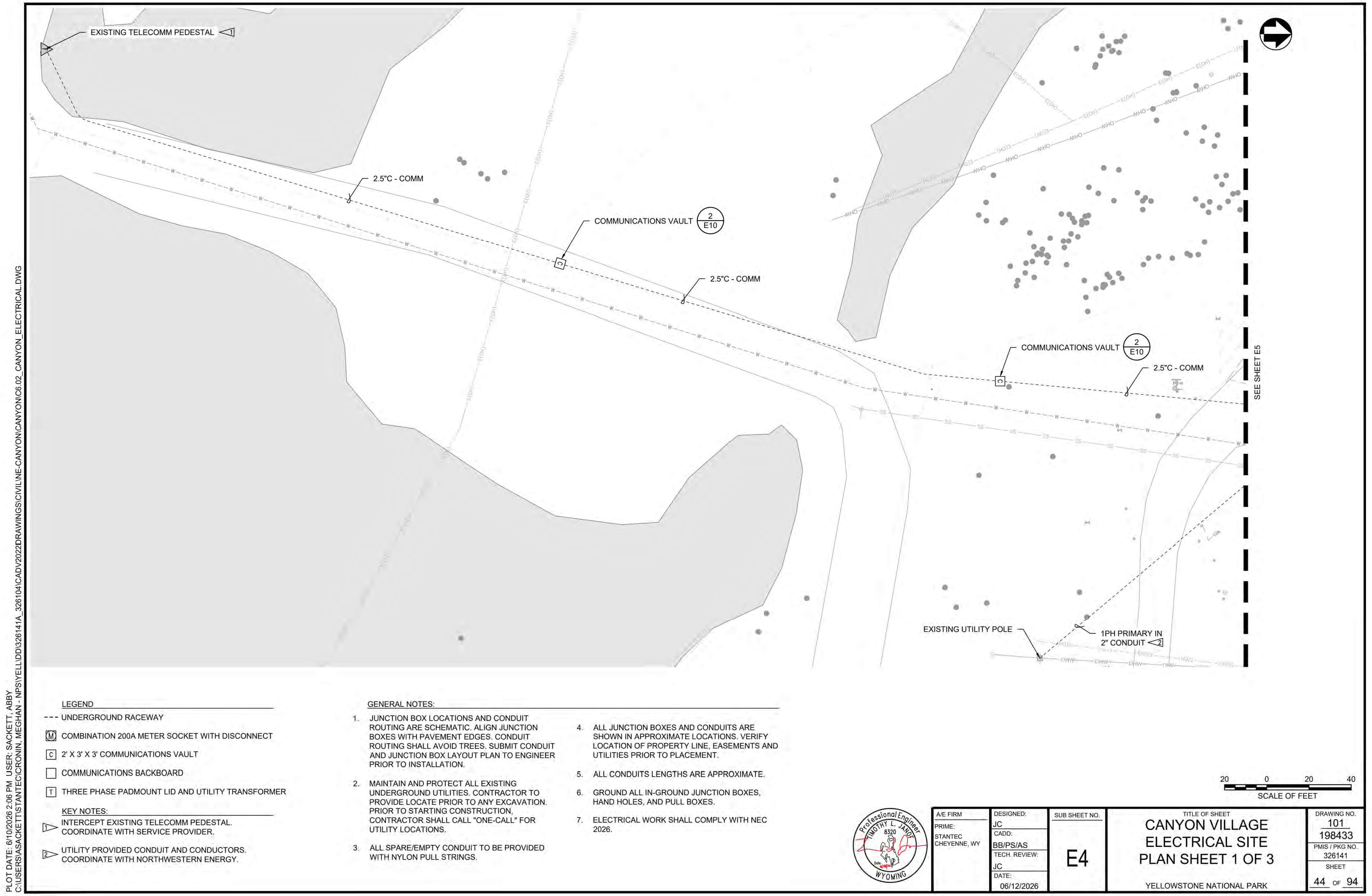
TIMOTHY L. JANOF
8320
Date 6/12/26

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/12/2026	E4	CANYON VILLAGE ELECTRICAL SITE PLAN SHEET 1 OF 3 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 44 OF 94


EXISTING TELECOMM PEDESTAL 1
2.5"C - COMM
COMMUNICATIONS VAULT 2/E10
2.5"C - COMM
COMMUNICATIONS VAULT 2/E10
2.5"C - COMM
SEE SHEET E5
EXISTING UTILITY POLE
1PH PRIMARY IN 2" CONDUIT 2
20 0 20 40
SCALE OF FEET

PLOT DATE: 6/10/2026 2:06 PM USER: SACKETT, ABBY
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LEGEND

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C 2' X 3' X 3' COMMUNICATIONS VAULT
☐ COMMUNICATIONS BACKBOARD
T THREE PHASE PADMOUNT LID AND UTILITY TRANSFORMER

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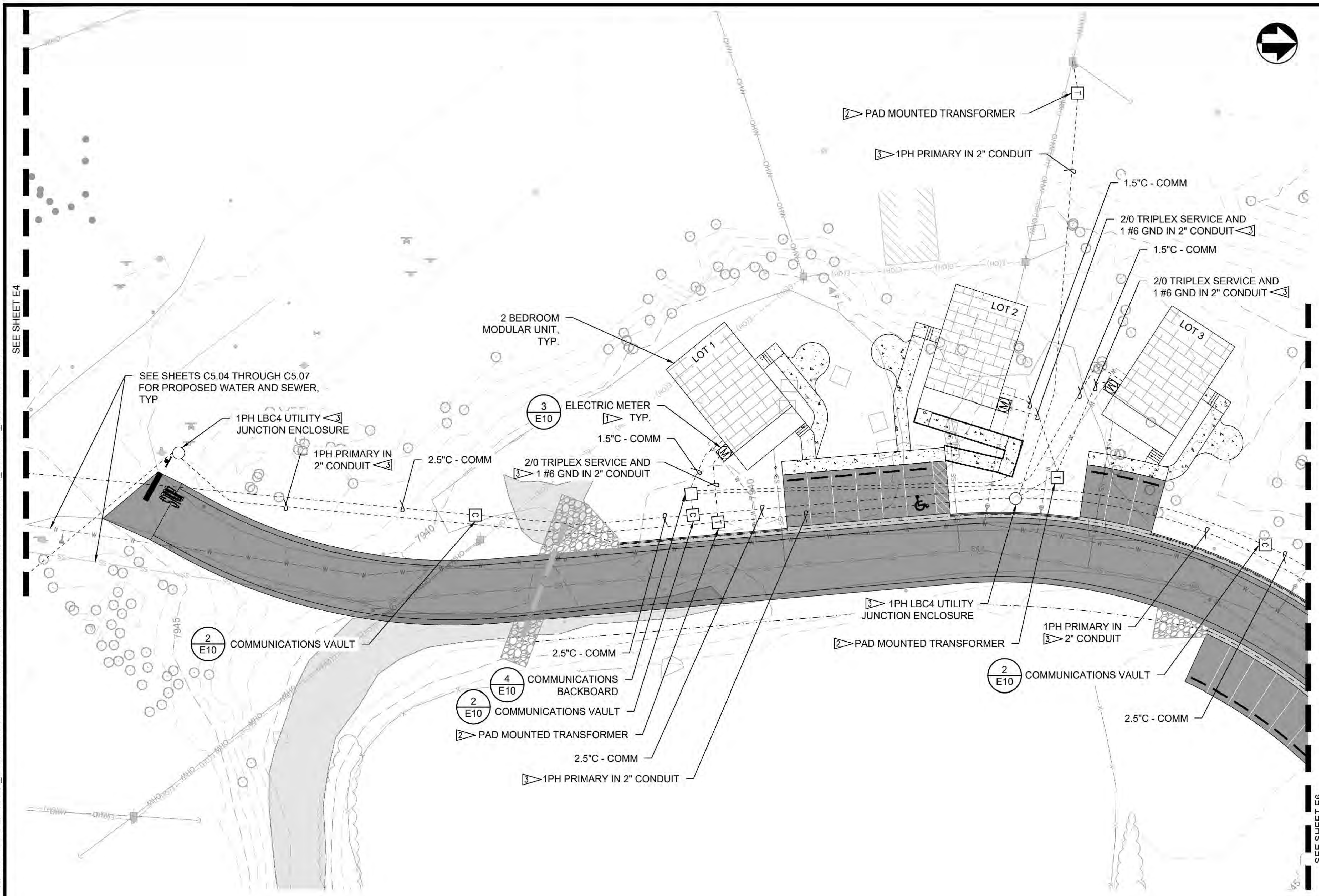
TIMOTHY L. JANOF
8320
Date 6/12/26

A/E FIRM | PRIME: STANTEC CHEYENNE, WY
DESIGNED: JC | CADD: BB/PS/AS | TECH. REVIEW: JC | DATE: 06/12/2026
SUB SHEET NO. E4
TITLE OF SHEET: CANYON VILLAGE ELECTRICAL SITE PLAN SHEET 1 OF 3 | YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433 | PMIS / PKG NO. 326141 | SHEET 44 OF 94

IDENTICAL


PAD MOUNTED TRANSFORMER
1PH PRIMARY IN 2" CONDUIT
1.5"C - COMM
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" CONDUIT 3
1.5"C - COMM
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" CONDUIT 3
LOT 1
LOT 2
LOT 3
2 BEDROOM MODULAR UNIT, TYP.
SEE SHEETS C5.04 THROUGH C5.07 FOR PROPOSED WATER AND SEWER, TYP
1PH LBC4 UTILITY JUNCTION ENCLOSURE 3
1PH PRIMARY IN 2" CONDUIT 3
2.5"C - COMM
3 E10 ELECTRIC METER 1 TYP.
1.5"C - COMM
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" CONDUIT 3
2 E10 COMMUNICATIONS VAULT
1PH LBC4 UTILITY JUNCTION ENCLOSURE
PAD MOUNTED TRANSFORMER
1PH PRIMARY IN 2" CONDUIT
2 E10 COMMUNICATIONS VAULT
2.5"C - COMM
2.5"C - COMM
4 E10 COMMUNICATIONS BACKBOARD
2 E10 COMMUNICATIONS VAULT
PAD MOUNTED TRANSFORMER
2.5"C - COMM
1PH PRIMARY IN 2" CONDUIT
SEE SHEET E4
SEE SHEET E6

LEGEND

- - - UNDERGROUND RACEWAY

M COMBINATION 200A METER SOCKET WITH DISCONNECT

C 2' X 3' X 3' COMMUNICATIONS VAULT

☐ COMMUNICATIONS BACKBOARD

T THREE PHASE PADMOUNT LID AND UTILITY TRANSFORMER

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20 0 20 40
SCALE OF FEET

Professional Engineer
TIMOTHY L. JANOF
8320
WYOMING

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/12/2026	E5	CANYON VILLAGE ELECTRICAL SITE PLAN SHEET 2 OF 3 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 45 OF 94

PLOT DATE: 6/10/2026 2:07 PM USER: SACKETT, ABBY
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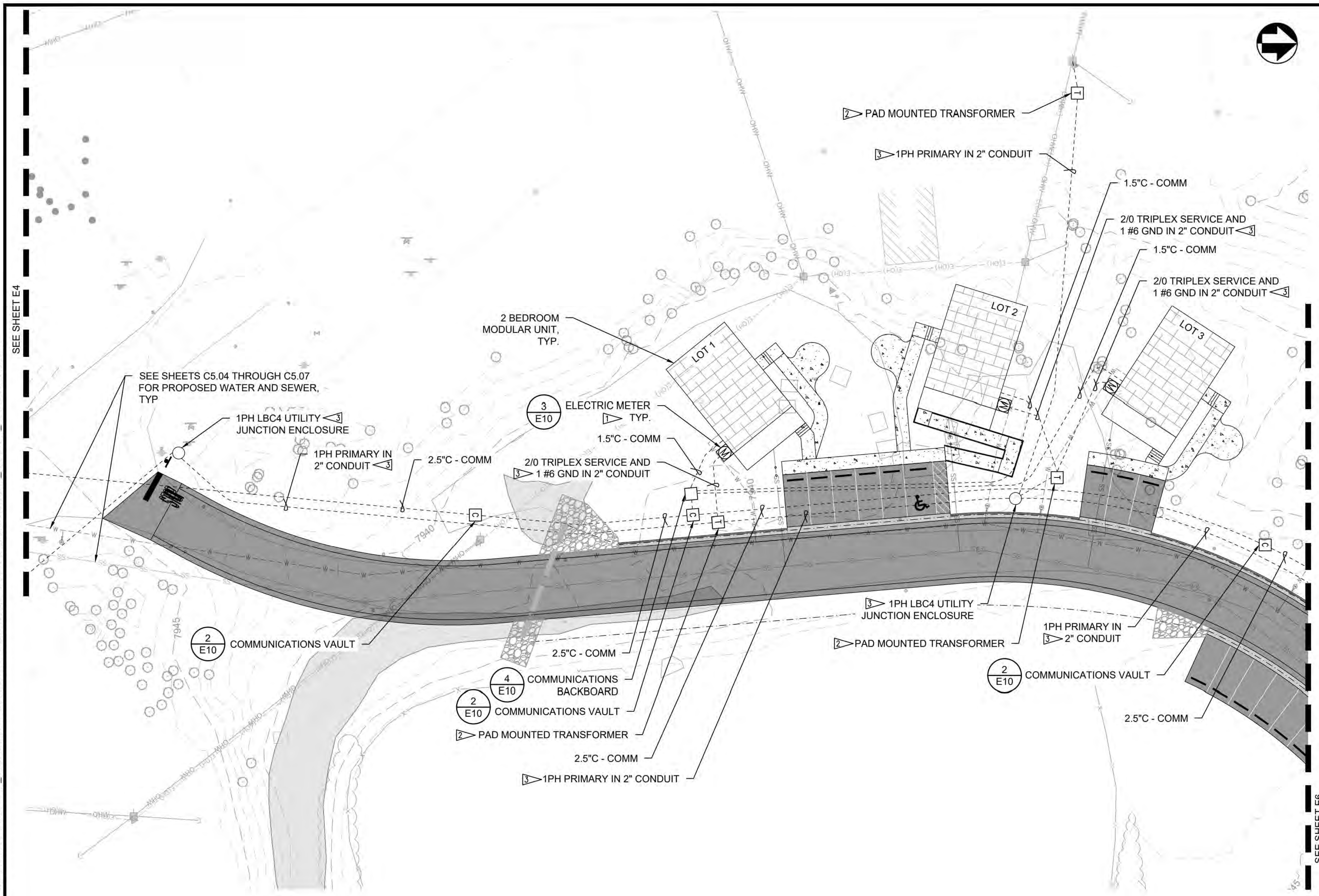
LEGEND

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SCALE OF FEET

A/E FIRM PRIME: STANTEC CHEYENNE, WY | DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/12/2026 | SUB SHEET NO. E5 | TITLE OF SHEET CANYON VILLAGE ELECTRICAL SITE PLAN SHEET 2 OF 3 YELLOWSTONE NATIONAL PARK | DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 45 OF 94

PLOT DATE: 6/10/2026 2:07 PM USER: SACKETT, ABBY
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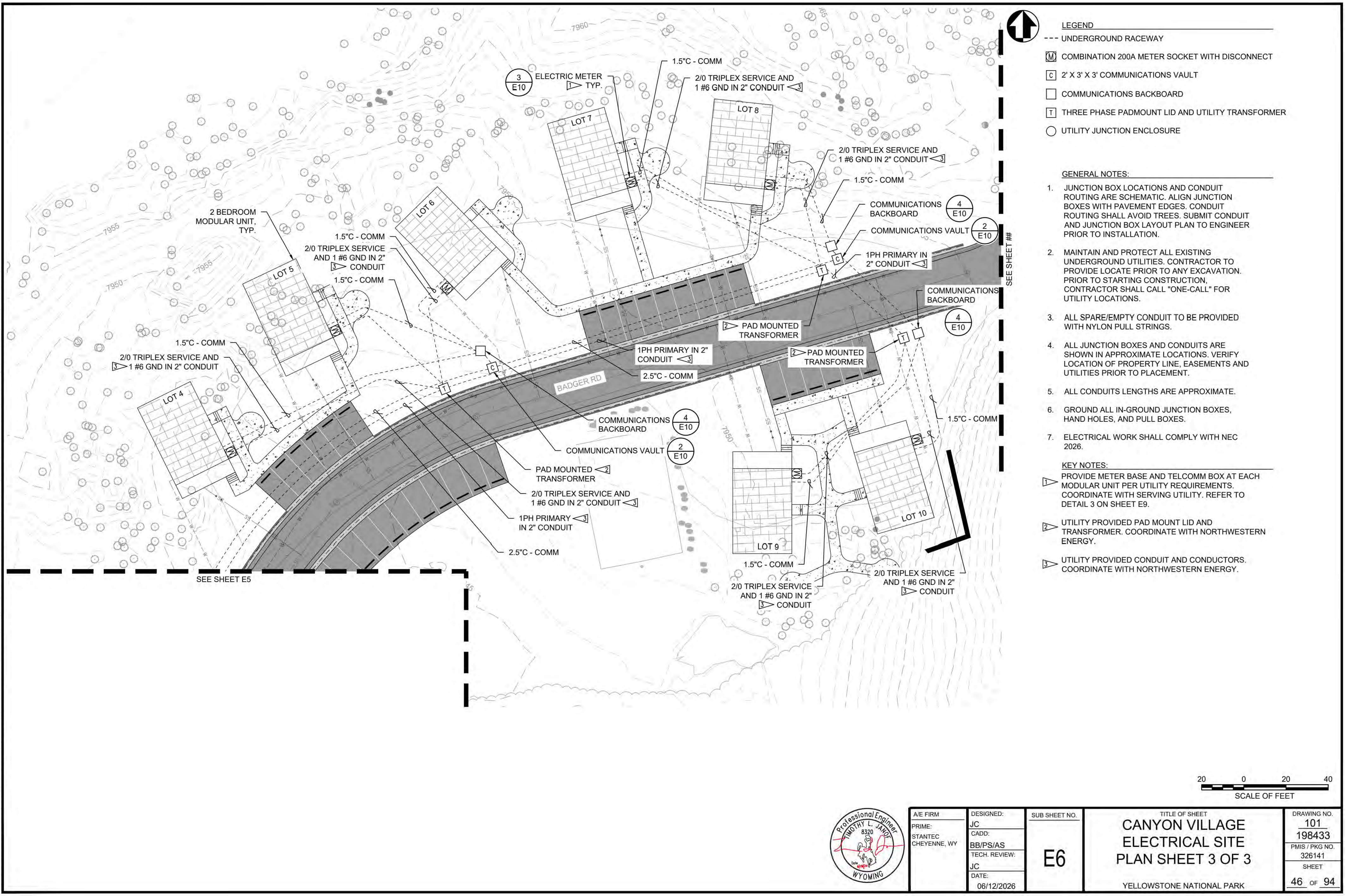
DELTADOCS

IDENTICAL


7960
7955
7950
3 / E10
ELECTRIC METER 1 TYP.
1.5"C - COMM
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" CONDUIT 3
LOT 7
LOT 8
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" CONDUIT 3
1.5"C - COMM
COMMUNICATIONS BACKBOARD 4 / E10
COMMUNICATIONS VAULT 2 / E10
1PH PRIMARY IN 2" CONDUIT 3
2 BEDROOM MODULAR UNIT, TYP.
LOT 6
1.5"C - COMM
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" 3 CONDUIT
1.5"C - COMM
LOT 5
COMMUNICATIONS BACKBOARD 4 / E10
2 PAD MOUNTED TRANSFORMER
2 PAD MOUNTED TRANSFORMER
1.5"C - COMM
2/0 TRIPLEX SERVICE AND 3 1 #6 GND IN 2" CONDUIT
1PH PRIMARY IN 2" CONDUIT 3
2.5"C - COMM
BADGER RD
LOT 4
COMMUNICATIONS BACKBOARD 4 / E10
COMMUNICATIONS VAULT 2 / E10
1.5"C - COMM
PAD MOUNTED 2 TRANSFORMER
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" CONDUIT 3
1PH PRIMARY 3 IN 2" CONDUIT
2.5"C - COMM
LOT 10
LOT 9
1.5"C - COMM
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" 3 CONDUIT
2/0 TRIPLEX SERVICE AND 1 #6 GND IN 2" 3 CONDUIT
SEE SHEET E5
SEE SHEET ##
20 0 20 40
SCALE OF FEET

LEGEND

- - - UNDERGROUND RACEWAY

M COMBINATION 200A METER SOCKET WITH DISCONNECT

C 2' X 3' X 3' COMMUNICATIONS VAULT

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T THREE PHASE PADMOUNT LID AND UTILITY TRANSFORMER

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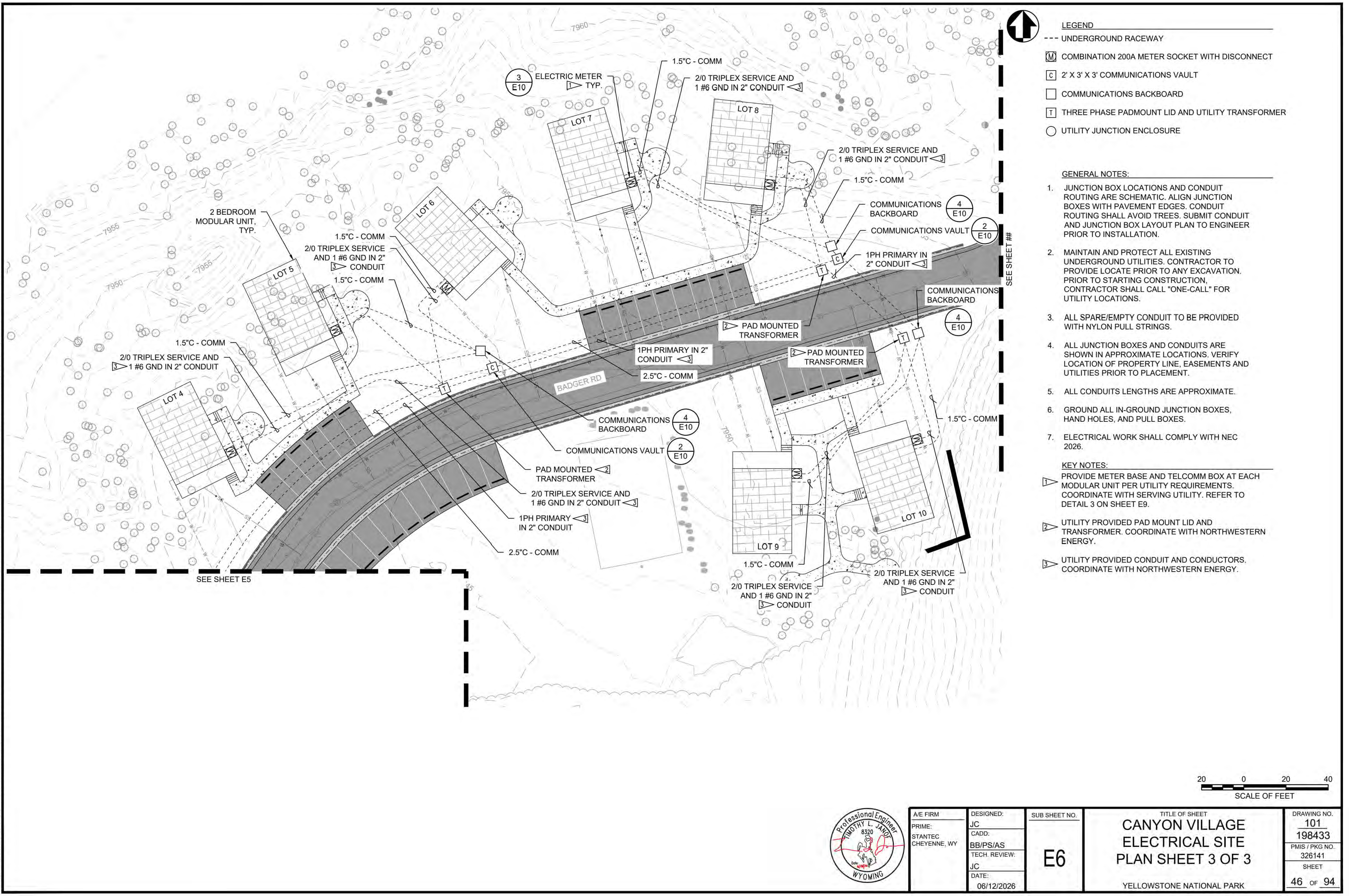
TIMOTHY L. JANOF 8320
Date 6/12/26

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/12/2026	E6	CANYON VILLAGE ELECTRICAL SITE PLAN SHEET 3 OF 3 YELLOWSTONE NATIONAL PARK	101 198433 PMIS / PKG NO. 326141 SHEET 46 OF 94

PLOT DATE: 6/10/2026 2:07 PM USER: SACKETT, ABBY
C:\USERS\ASACKETT\STANTEC\CRONIN, MEGHAN - NPS\YELL\DD\326141A_326104\CADV2022\DRAWINGS\CIVIL\NE-CANYON\CANYON\C6.02_CANYON_ELECTRICAL.DWG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DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/12/2026
SUB SHEET NO. E6
TITLE OF SHEET CANYON VILLAGE ELECTRICAL SITE PLAN SHEET 3 OF 3 YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 46 OF 94

PLOT DATE: 6/10/2026 2:07 PM USER: SACKETT, ABBY
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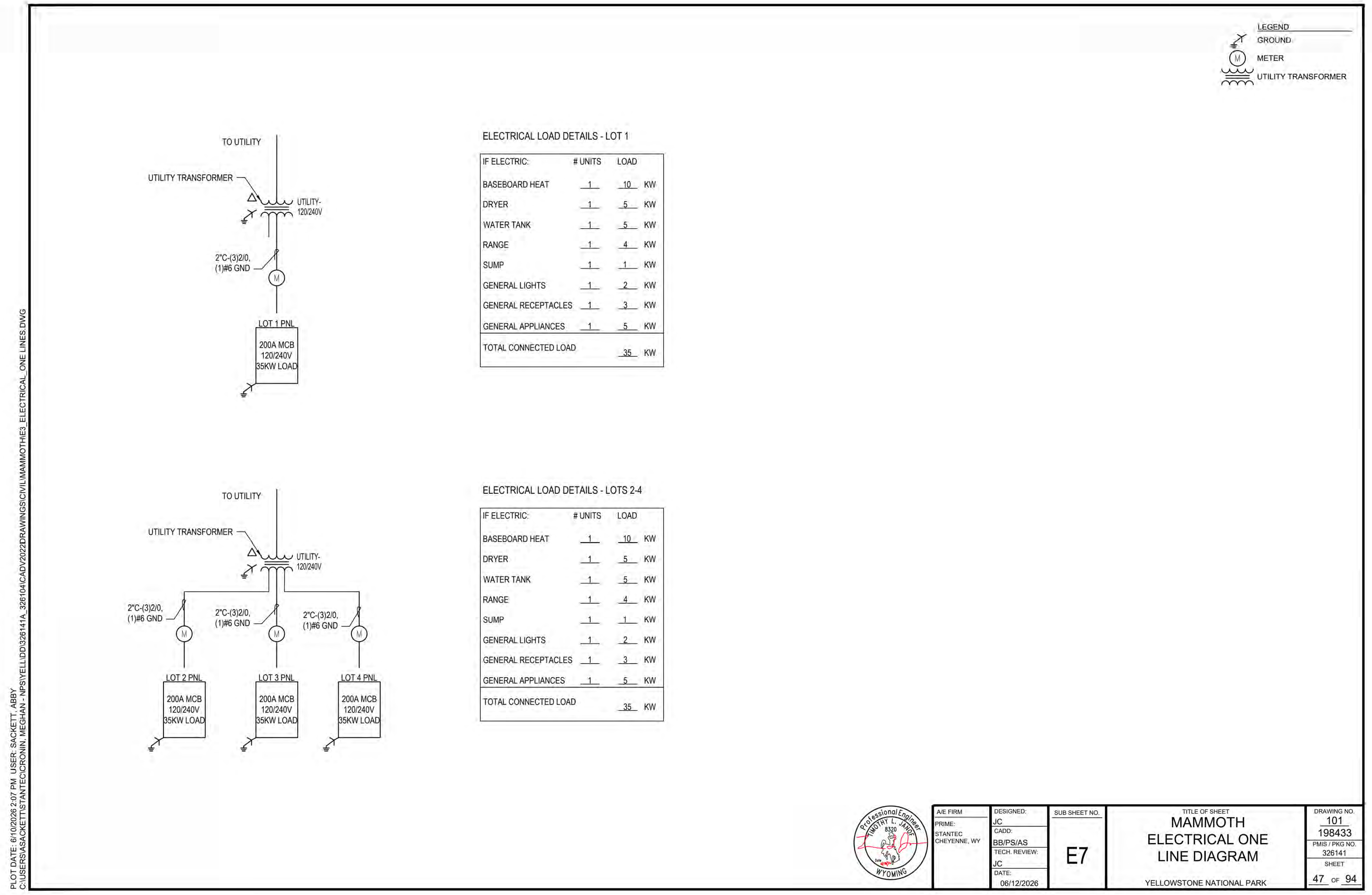

ELECTRICAL LOAD DETAILS - LOT 1

IF ELECTRIC:	# UNITS	LOAD	
BASEBOARD HEAT	1	10	KW
DRYER	1	5	KW
WATER TANK	1	5	KW
RANGE	1	4	KW
SUMP	1	1	KW
GENERAL LIGHTS	1	2	KW
GENERAL RECEPTACLES	1	3	KW
GENERAL APPLIANCES	1	5	KW
TOTAL CONNECTED LOAD		35	KW

ELECTRICAL LOAD DETAILS - LOTS 2-4

IF ELECTRIC:	# UNITS	LOAD	
BASEBOARD HEAT	1	10	KW
DRYER	1	5	KW
WATER TANK	1	5	KW
RANGE	1	4	KW
SUMP	1	1	KW
GENERAL LIGHTS	1	2	KW
GENERAL RECEPTACLES	1	3	KW
GENERAL APPLIANCES	1	5	KW
TOTAL CONNECTED LOAD		35	KW

TIMOTHY L. JANOF
8320

A/E FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC	E7	MAMMOTH ELECTRICAL ONE LINE DIAGRAM	101 198433
	CADD: BB/PS/AS			PMIS / PKG NO. 326141
	TECH. REVIEW: JC			SHEET 47 OF 94
	DATE: 06/12/2026		YELLOWSTONE NATIONAL PARK	

PLOT DATE: 6/10/2026 2:07 PM USER: SACKETT, ABBY
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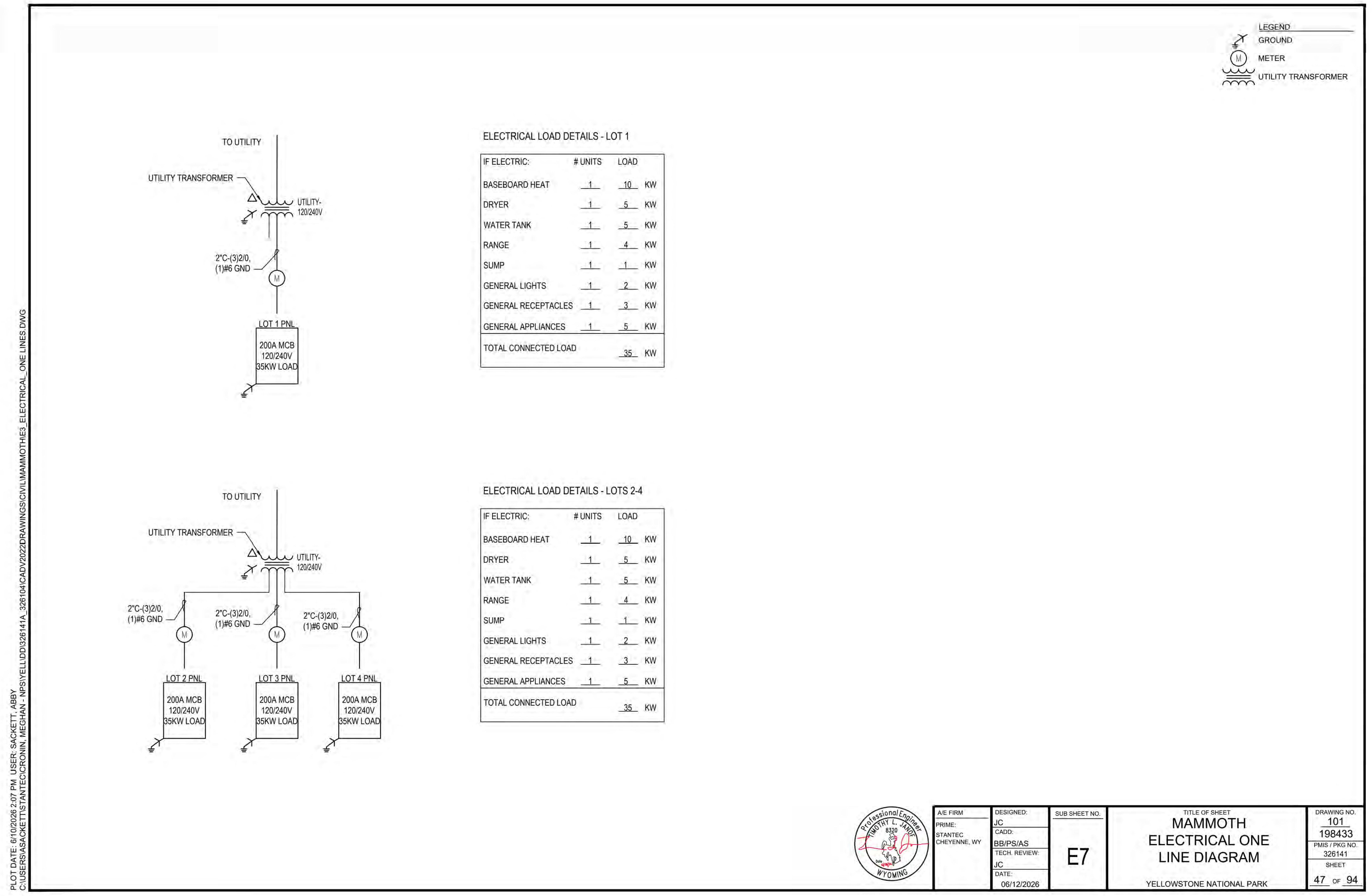
LEGEND
GROUND
METER
UTILITY TRANSFORMER

ELECTRICAL LOAD DETAILS - LOT 1

IF ELECTRIC: # UNITS LOAD
BASEBOARD HEAT 1 10 KW
DRYER 1 5 KW
WATER TANK 1 5 KW
RANGE 1 4 KW
SUMP 1 1 KW
GENERAL LIGHTS 1 2 KW
GENERAL RECEPTACLES 1 3 KW
GENERAL APPLIANCES 1 5 KW
TOTAL CONNECTED LOAD 35 KW

ELECTRICAL LOAD DETAILS - LOTS 2-4

IF ELECTRIC: # UNITS LOAD
BASEBOARD HEAT 1 10 KW
DRYER 1 5 KW
WATER TANK 1 5 KW
RANGE 1 4 KW
SUMP 1 1 KW
GENERAL LIGHTS 1 2 KW
GENERAL RECEPTACLES 1 3 KW
GENERAL APPLIANCES 1 5 KW
TOTAL CONNECTED LOAD 35 KW

TIMOTHY L. JANOF
8320

A/E FIRM PRIME: STANTEC CHEYENNE, WY
DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: JC DATE: 06/12/2026
SUB SHEET NO. E7
TITLE OF SHEET MAMMOTH ELECTRICAL ONE LINE DIAGRAM YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433 PMIS / PKG NO. 326141 SHEET 47 OF 94

PLOT DATE: 6/10/2026 2:07 PM USER: SACKETT, ABBY
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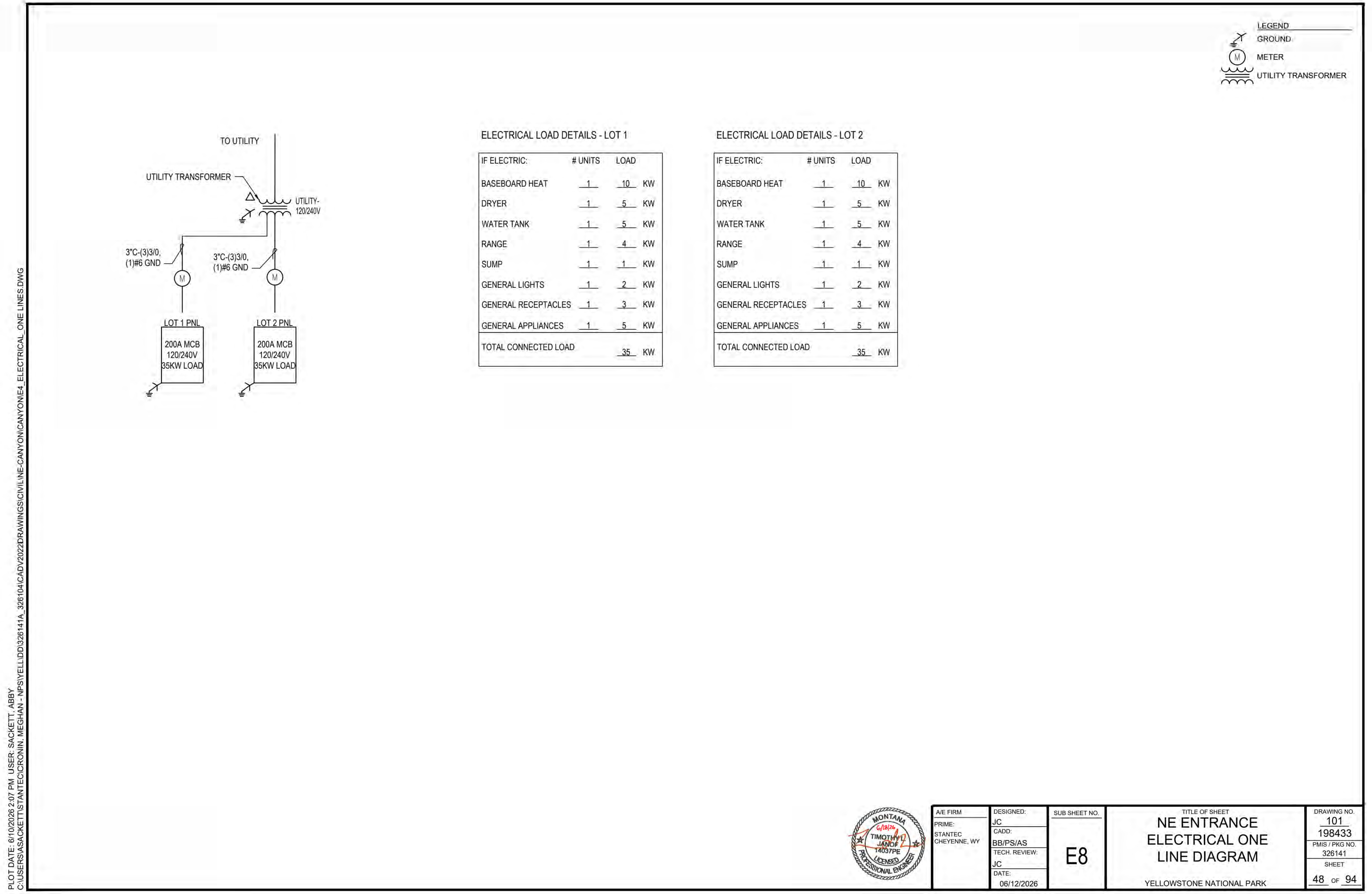

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LEGEND
GROUND
METER
UTILITY TRANSFORMER

ELECTRICAL LOAD DETAILS - LOT 1

IF ELECTRIC:	# UNITS	LOAD	
BASEBOARD HEAT	1	10	KW
DRYER	1	5	KW
WATER TANK	1	5	KW
RANGE	1	4	KW
SUMP	1	1	KW
GENERAL LIGHTS	1	2	KW
GENERAL RECEPTACLES	1	3	KW
GENERAL APPLIANCES	1	5	KW
TOTAL CONNECTED LOAD		35	KW

ELECTRICAL LOAD DETAILS - LOT 2

IF ELECTRIC:	# UNITS	LOAD	
BASEBOARD HEAT	1	10	KW
DRYER	1	5	KW
WATER TANK	1	5	KW
RANGE	1	4	KW
SUMP	1	1	KW
GENERAL LIGHTS	1	2	KW
GENERAL RECEPTACLES	1	3	KW
GENERAL APPLIANCES	1	5	KW
TOTAL CONNECTED LOAD		35	KW

TIMOTHY L. JANOF
14037PE
6/18/26

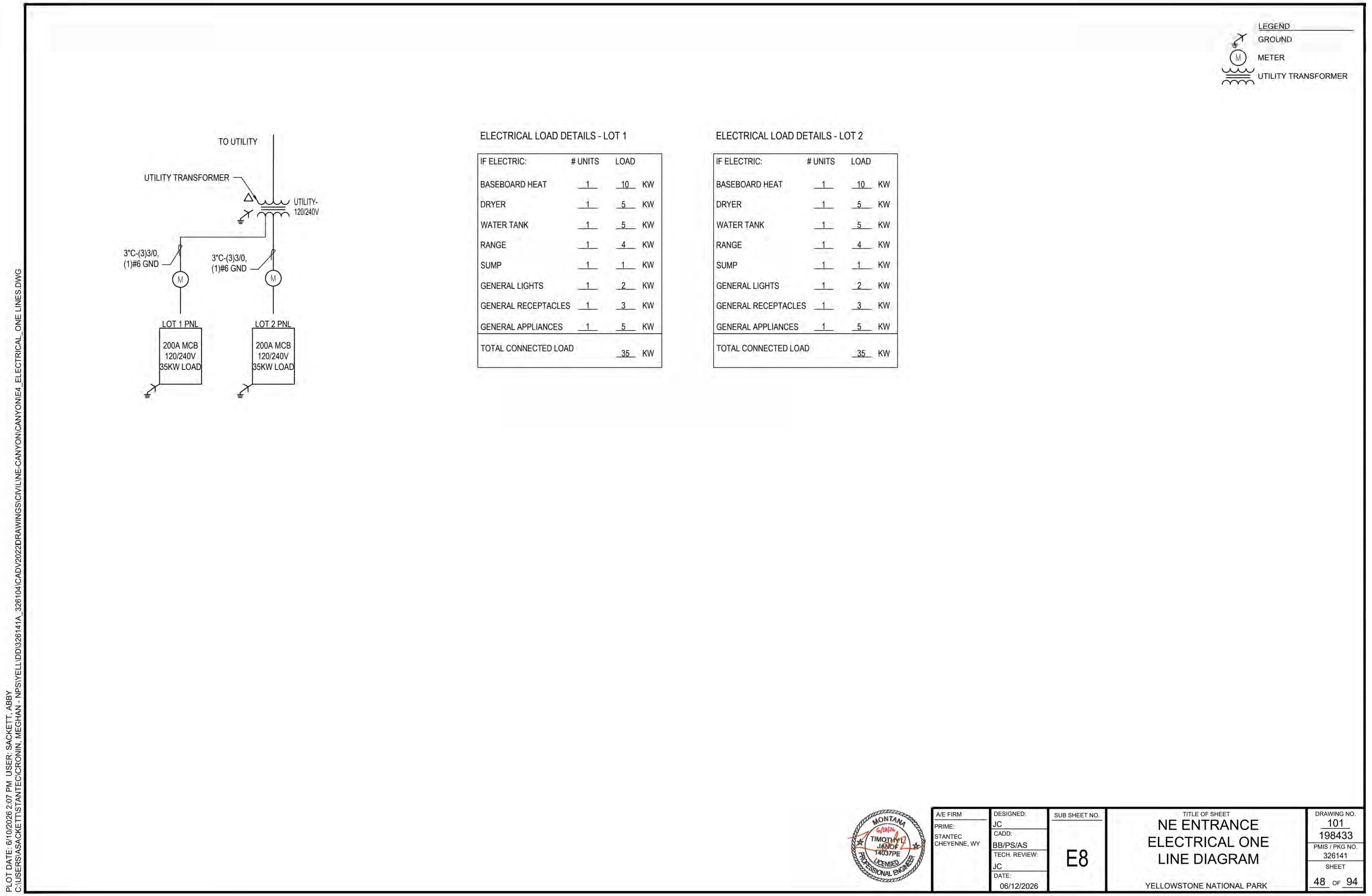
A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED:
JC
CADD:
BB/PS/AS
TECH. REVIEW:
JC
DATE:
06/12/2026

SUB SHEET NO.
E8

TITLE OF SHEET
NE ENTRANCE
ELECTRICAL ONE
LINE DIAGRAM
YELLOWSTONE NATIONAL PARK

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



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LEGEND
GROUND
METER
UTILITY TRANSFORMER

ELECTRICAL LOAD DETAILS - LOT 1
IF ELECTRIC: # UNITS LOAD
BASEBOARD HEAT 1 10 KW
DRYER 1 5 KW
WATER TANK 1 5 KW
RANGE 1 4 KW
SUMP 1 1 KW
GENERAL LIGHTS 1 2 KW
GENERAL RECEPTACLES 1 3 KW
GENERAL APPLIANCES 1 5 KW
TOTAL CONNECTED LOAD 35 KW

ELECTRICAL LOAD DETAILS - LOT 2
IF ELECTRIC: # UNITS LOAD
BASEBOARD HEAT 1 10 KW
DRYER 1 5 KW
WATER TANK 1 5 KW
RANGE 1 4 KW
SUMP 1 1 KW
GENERAL LIGHTS 1 2 KW
GENERAL RECEPTACLES 1 3 KW
GENERAL APPLIANCES 1 5 KW
TOTAL CONNECTED LOAD 35 KW

TIMOTHY L. JANOF
14037PE
6/18/26

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY
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CADD:
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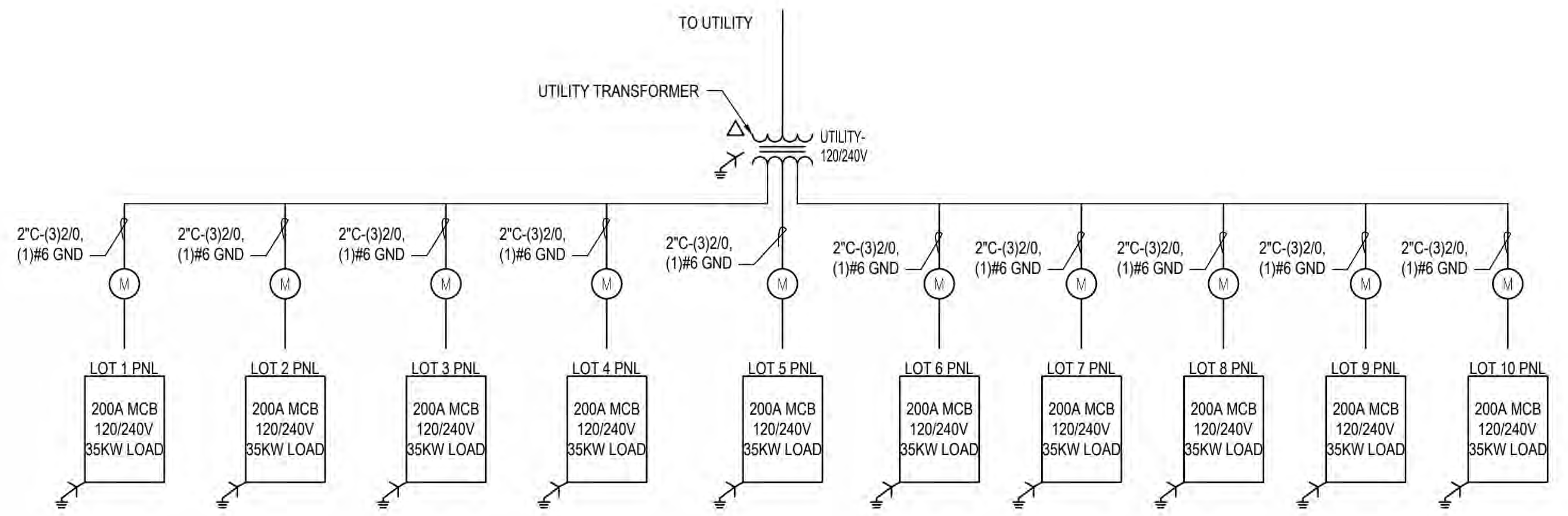
LINE DIAGRAM
YELLOWSTONE NATIONAL PARK
DRAWING NO.
101
198433
PMIS / PKG NO.
326141
SHEET
48 OF 94

IDENTICAL

LEGEND
GROUND
METER
UTILITY TRANSFORMER



ELECTRICAL LOAD DETAILS - LOTS 1-10

IF ELECTRIC:	# UNITS	LOAD	
BASEBOARD HEAT	1	10	KW
DRYER	1	5	KW
WATER TANK	1	5	KW
RANGE	1	4	KW
SUMP	1	1	KW
GENERAL LIGHTS	1	2	KW
GENERAL RECEPTACLES	1	3	KW
GENERAL APPLIANCES	1	5	KW
TOTAL CONNECTED LOAD		35	KW

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TIMOTHY L. JANOF
8320

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

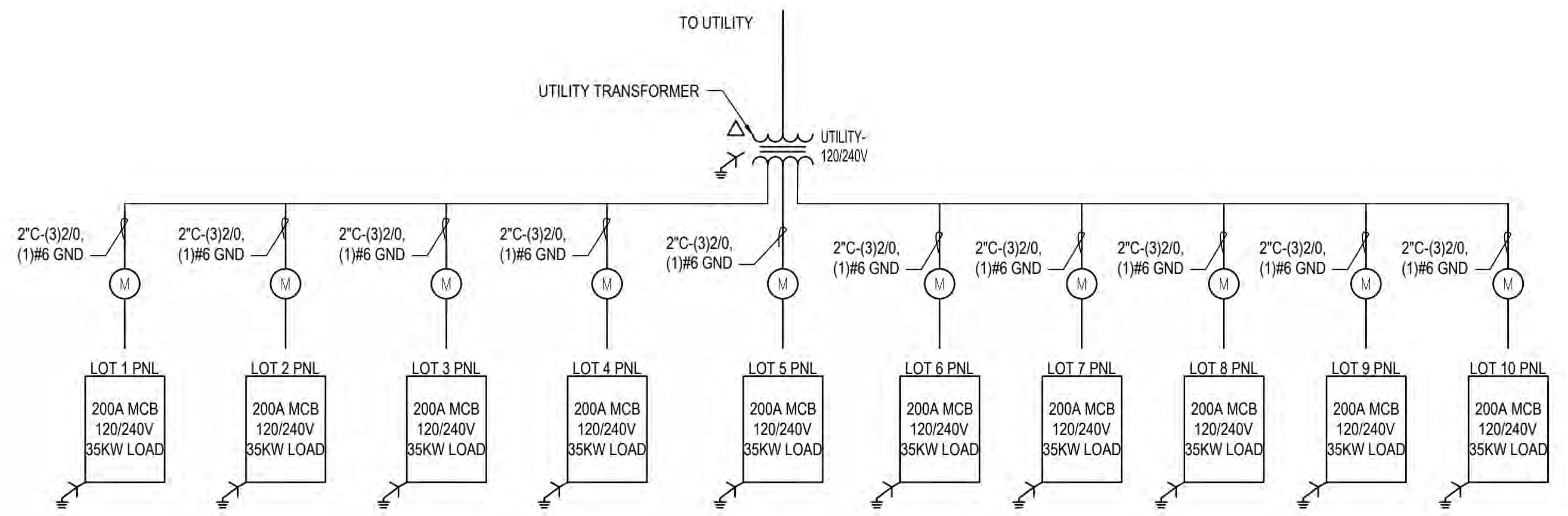
DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
DATE: 06/12/2026

SUB SHEET NO.
E9

TITLE OF SHEET
CANYON VILLAGE
ELECTRICAL ONE
LINE DIAGRAM

YELLOWSTONE NATIONAL PARK

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


LEGEND
GROUND
METER
UTILITY TRANSFORMER

ELECTRICAL LOAD DETAILS - LOTS 1-10

IF ELECTRIC:	# UNITS	LOAD	
BASEBOARD HEAT	1	10	KW
DRYER	1	5	KW
WATER TANK	1	5	KW
RANGE	1	4	KW
SUMP	1	1	KW
GENERAL LIGHTS	1	2	KW
GENERAL RECEPTACLES	1	3	KW
GENERAL APPLIANCES	1	5	KW
TOTAL CONNECTED LOAD		35	KW

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TIMOTHY L. JANOF
8320

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: JC
DATE: 06/12/2026

SUB SHEET NO.
E9

TITLE OF SHEET
CANYON VILLAGE
ELECTRICAL ONE
LINE DIAGRAM

YELLOWSTONE NATIONAL PARK

DRAWING NO.
101
198433
PMIS / PKG NO.
326141
SHEET
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IDENTICAL

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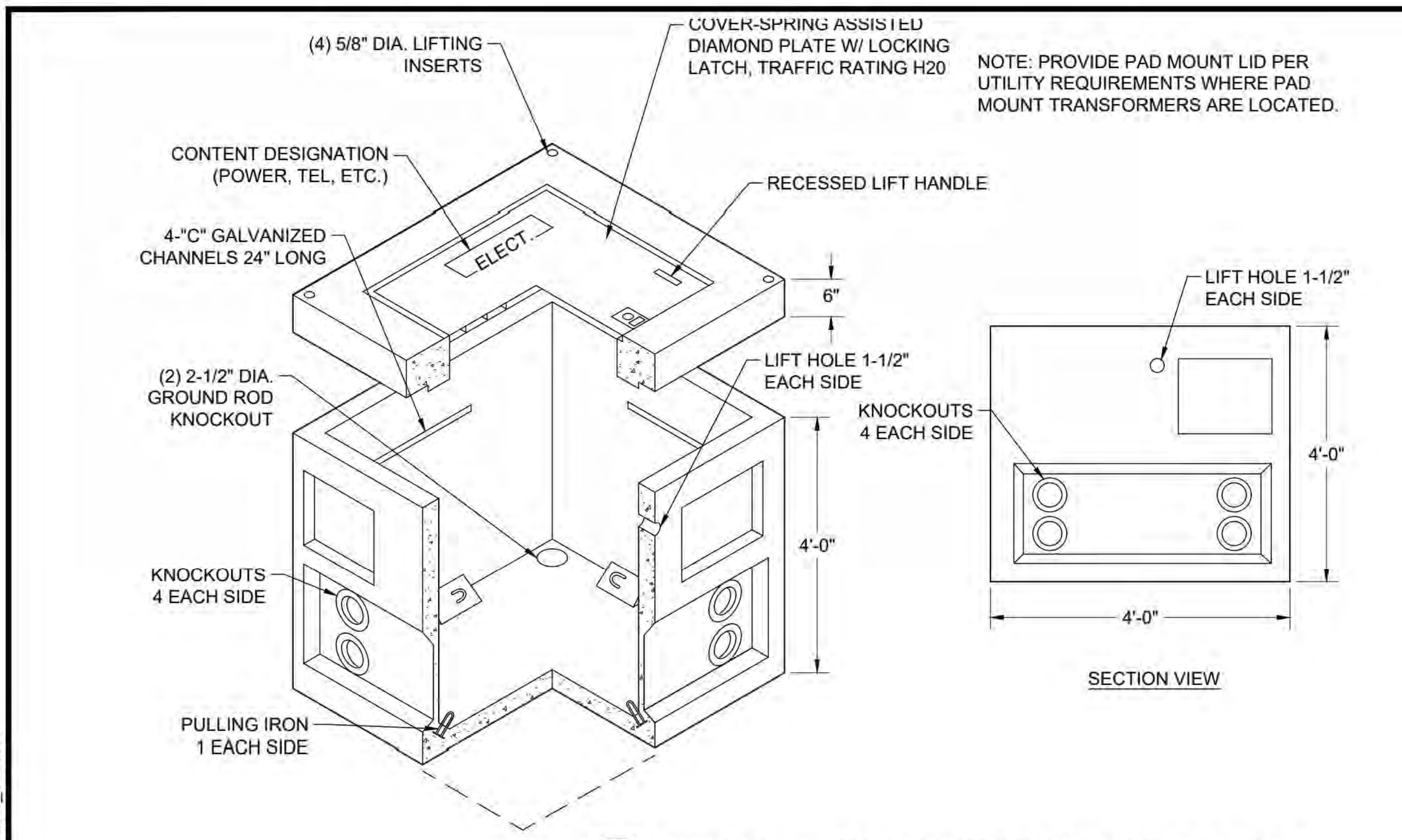
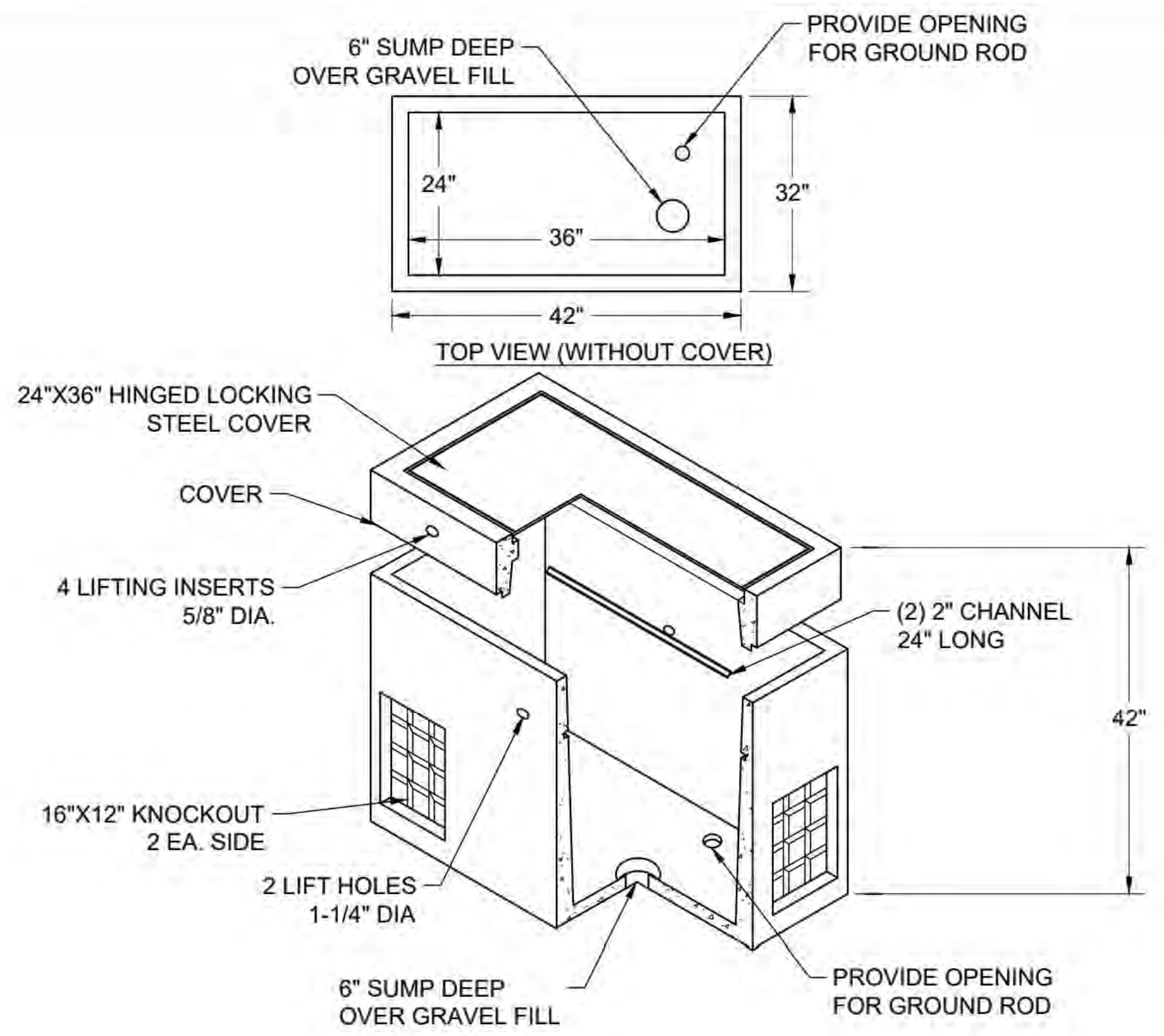


(4) 5/8" DIA. LIFTING INSERTS
COVER-SPRING ASSISTED DIAMOND PLATE W/ LOCKING LATCH, TRAFFIC RATING H20
CONTENT DESIGNATION (POWER, TEL, ETC.)
ELECT.
4-"C" GALVANIZED CHANNELS 24" LONG
RECESSED LIFT HANDLE
6"
(2) 2-1/2" DIA. GROUND ROD KNOCKOUT
LIFT HOLE 1-1/2" EACH SIDE
4'-0"
KNOCKOUTS 4 EACH SIDE
PULLING IRON 1 EACH SIDE
LIFT HOLE 1-1/2" EACH SIDE
KNOCKOUTS 4 EACH SIDE
4'-0"
4'-0"
SECTION VIEW

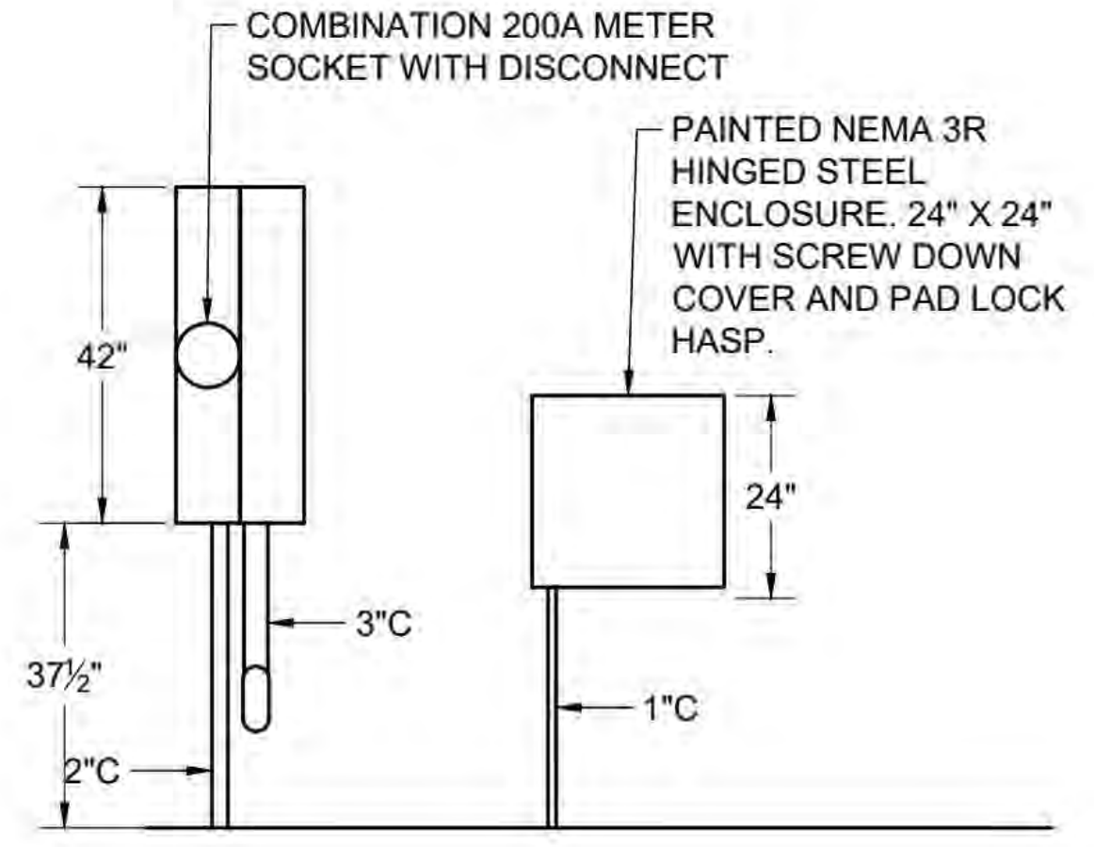
NOTE: PROVIDE PAD MOUNT LID PER UTILITY REQUIREMENTS WHERE PAD MOUNT TRANSFORMERS ARE LOCATED.

1 E10 PRIMARY PULLING/PAD MOUNT TRANSFORMER VAULT
NOT TO SCALE



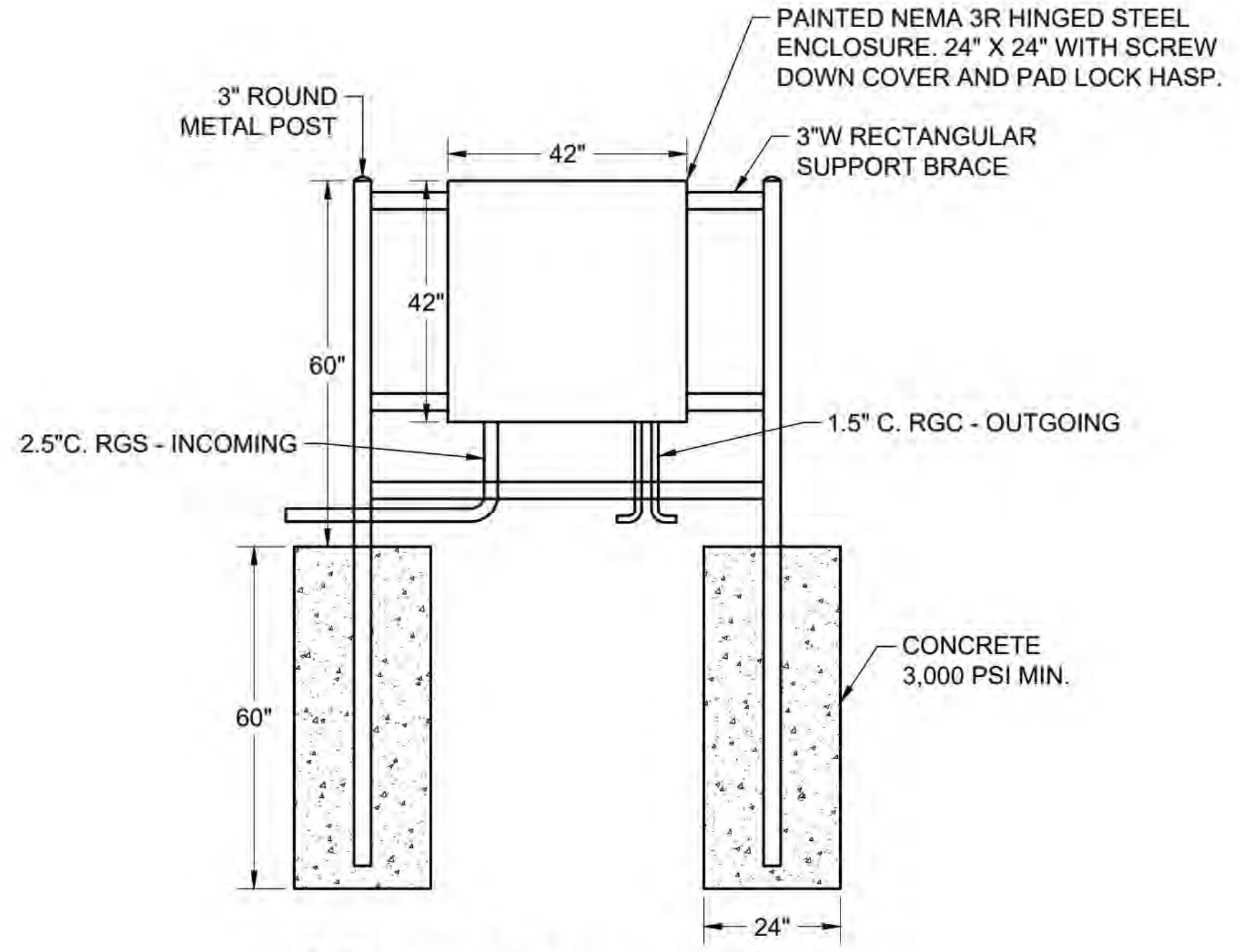
6" SUMP DEEP OVER GRAVEL FILL
PROVIDE OPENING FOR GROUND ROD
24"
36"
32"
42"
TOP VIEW (WITHOUT COVER)
24"X36" HINGED LOCKING STEEL COVER
COVER
4 LIFTING INSERTS 5/8" DIA.
(2) 2" CHANNEL 24" LONG
42"
16"X12" KNOCKOUT 2 EA. SIDE
2 LIFT HOLES 1-1/4" DIA
6" SUMP DEEP OVER GRAVEL FILL
PROVIDE OPENING FOR GROUND ROD

2 E10 COMMUNICATIONS VAULT
NOT TO SCALE



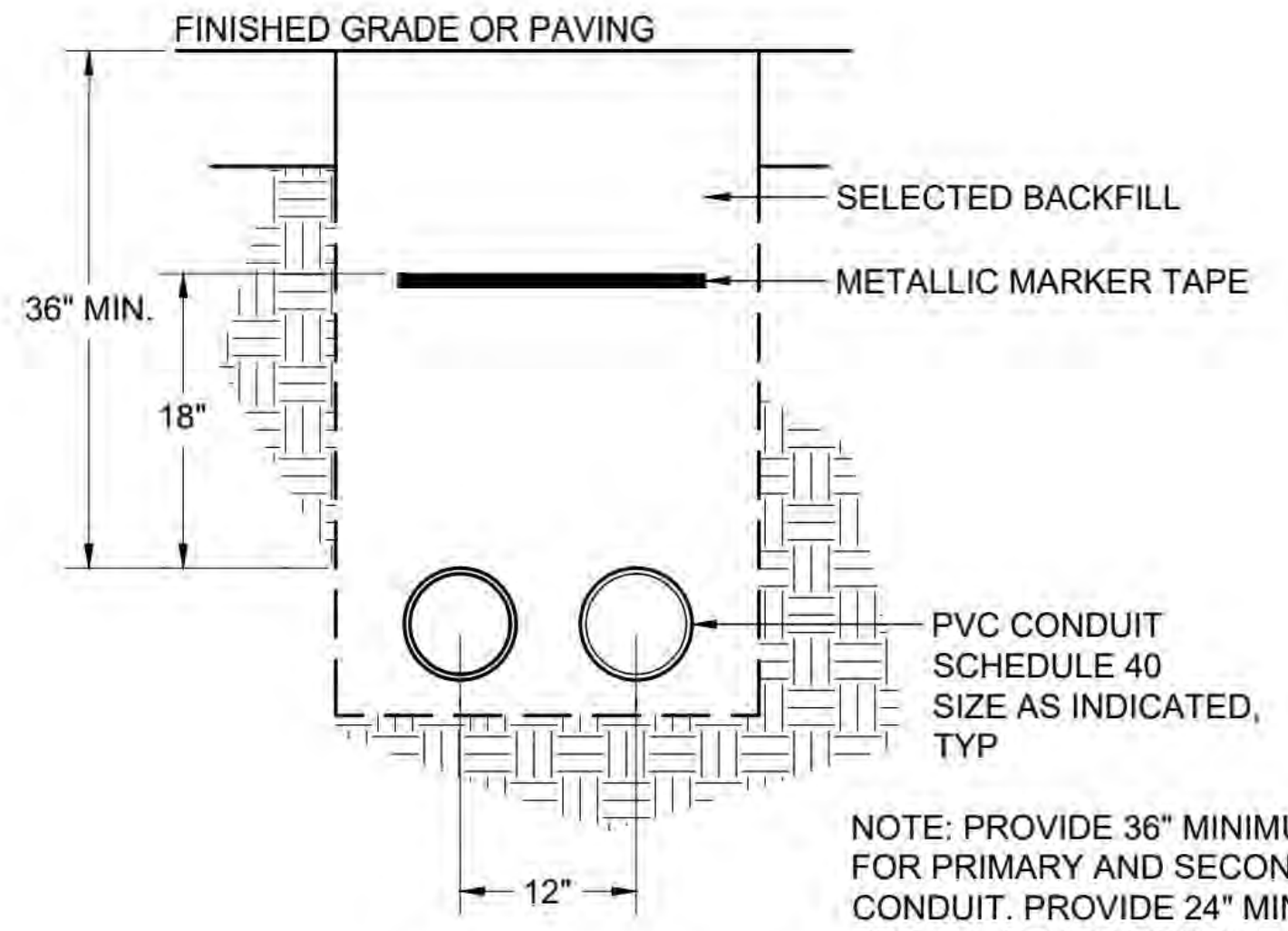
COMBINATION 200A METER SOCKET WITH DISCONNECT
PAINTED NEMA 3R HINGED STEEL ENCLOSURE. 24" X 24" WITH SCREW DOWN COVER AND PAD LOCK HASP.
42"
24"
3"C
37½"
1"C
2"C

3 E10 POWER METER AND TELECOM BOX
NOT TO SCALE



PAINTED NEMA 3R HINGED STEEL ENCLOSURE. 24" X 24" WITH SCREW DOWN COVER AND PAD LOCK HASP.
3" ROUND METAL POST
42"
3"W RECTANGULAR SUPPORT BRACE
42"
60"
2.5"C. RGS - INCOMING
1.5" C. RGC - OUTGOING
CONCRETE 3,000 PSI MIN.
60"
24"

4 E10 COMMUNICATIONS BACKBOARD
NOT TO SCALE



NOTE: PROVIDE 36" MINIMUM COVER FOR PRIMARY AND SECONDARY CONDUIT. PROVIDE 24" MIN COVER FOR ALL OTHER CONDUIT.

5 E10 DRY UTILITY TRENCH
NOT TO SCALE

MONTANA
6/18/26
TIMOTHY L. JANOF
14037PE
LICENSED PROFESSIONAL ENGINEER

Professional Engineer
TIMOTHY L. JANOF
8320
Date 6/18/26
WYOMING

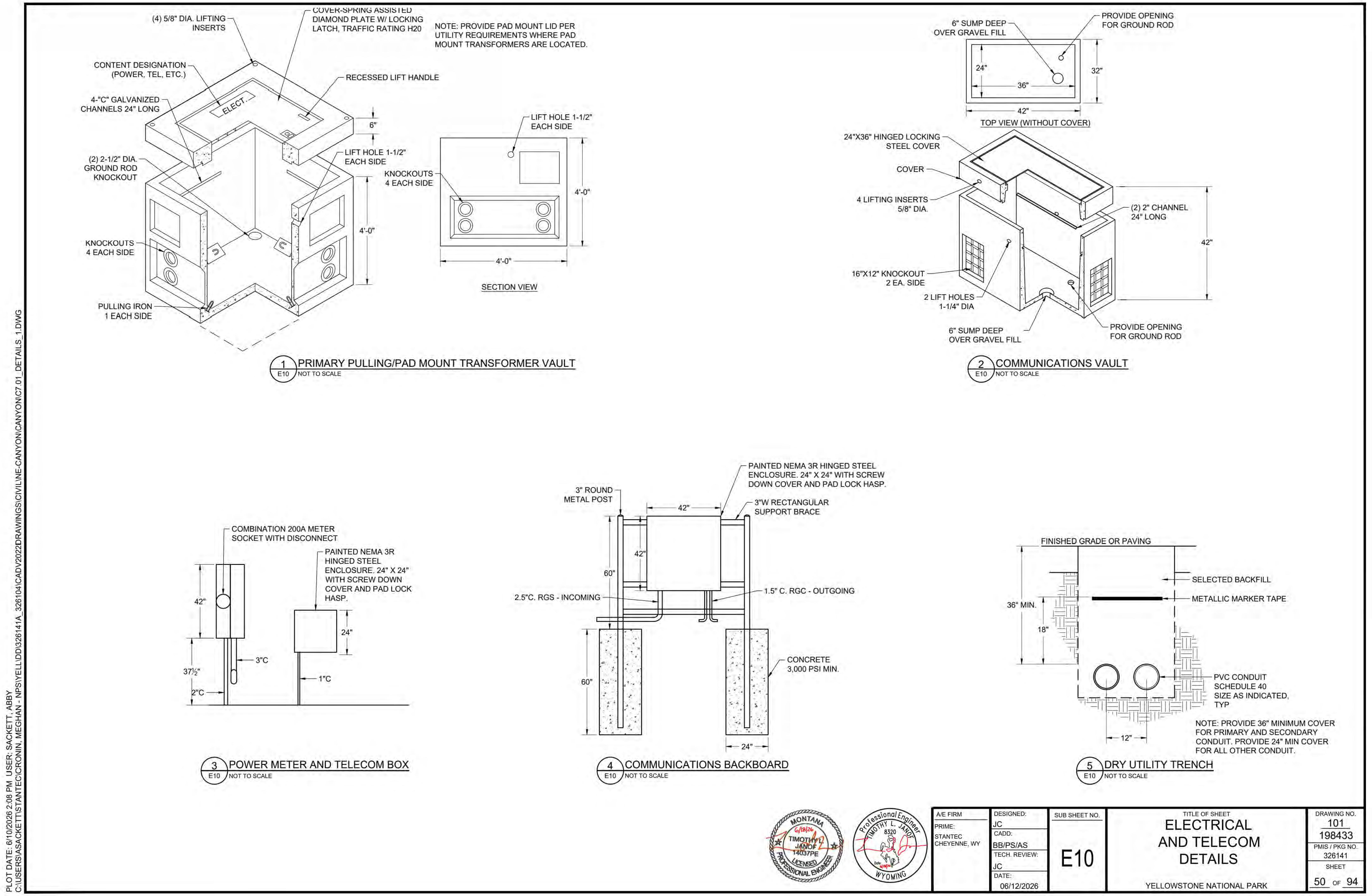
A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED:
JC
CADD:
BB/PS/AS
TECH. REVIEW:
JC
DATE:
06/12/2026

SUB SHEET NO.
E10

TITLE OF SHEET
ELECTRICAL
AND TELECOM
DETAILS
YELLOWSTONE NATIONAL PARK

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



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NOTE: PROVIDE PAD MOUNT LID PER UTILITY REQUIREMENTS WHERE PAD MOUNT TRANSFORMERS ARE LOCATED.

1 E10 PRIMARY PULLING/PAD MOUNT TRANSFORMER VAULT
NOT TO SCALE

2 E10 COMMUNICATIONS VAULT
NOT TO SCALE

3 E10 POWER METER AND TELECOM BOX
NOT TO SCALE

4 E10 COMMUNICATIONS BACKBOARD
NOT TO SCALE

NOTE: PROVIDE 36" MINIMUM COVER FOR PRIMARY AND SECONDARY CONDUIT. PROVIDE 24" MIN COVER FOR ALL OTHER CONDUIT.

5 E10 DRY UTILITY TRENCH
NOT TO SCALE

A/E FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED:
JC
CADD:
BB/PS/AS
TECH. REVIEW:
JC
DATE:
06/12/2026

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TITLE OF SHEET
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YELLOWSTONE NATIONAL PARK

DRAWING NO.
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198433
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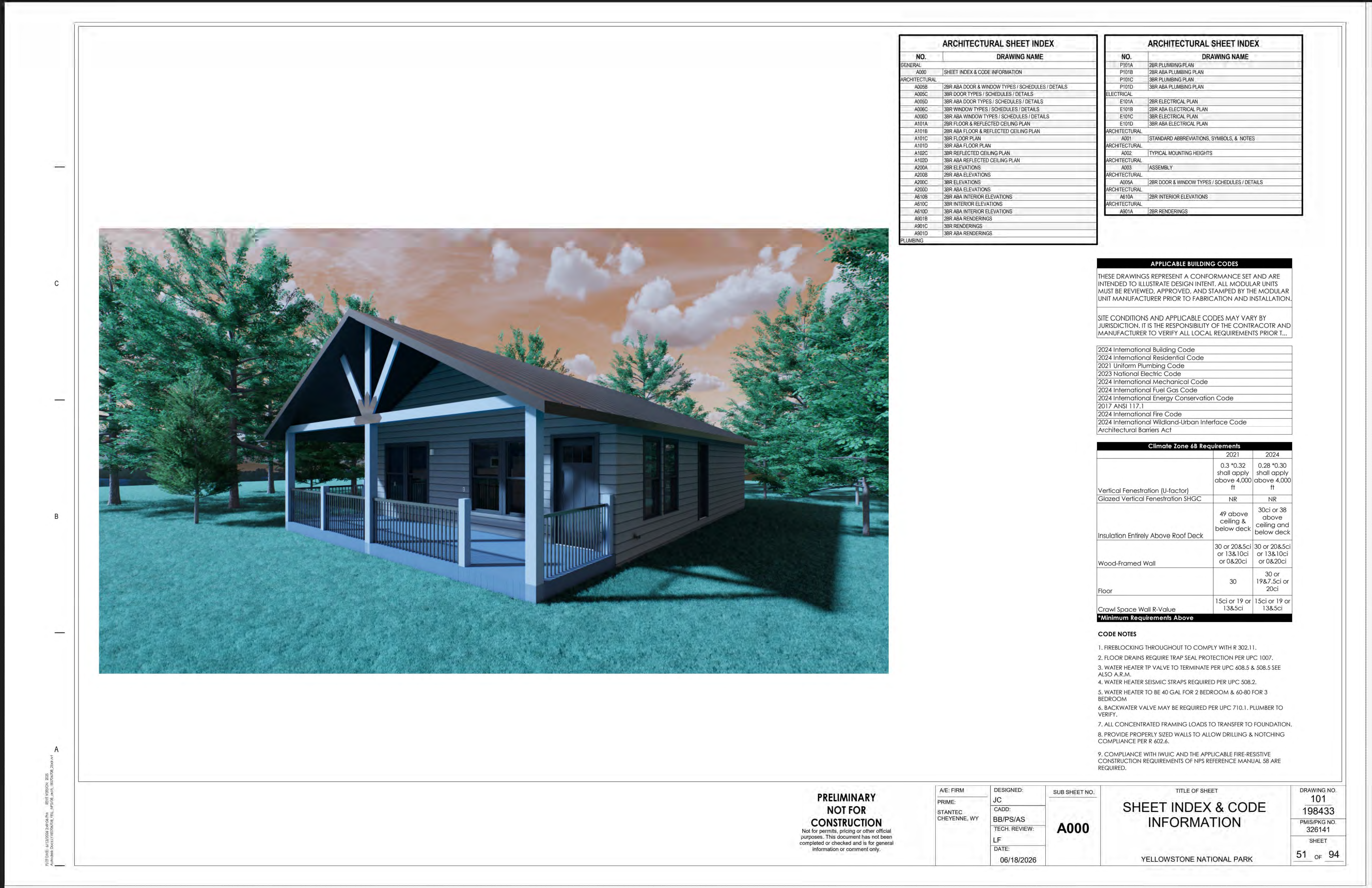
IDENTICAL



NO.	DRAWING NAME
GENERAL	
A000	SHEET INDEX & CODE INFORMATION
ARCHITECTURAL	
A005B	2BR ABA DOOR & WINDOW TYPES / SCHEDULES / DETAILS
A005C	3BR DOOR TYPES / SCHEDULES / DETAILS
A005D	3BR ABA DOOR TYPES / SCHEDULES / DETAILS
A006C	3BR WINDOW TYPES / SCHEDULES / DETAILS
A006D	3BR ABA WINDOW TYPES / SCHEDULES / DETAILS
A101A	2BR FLOOR & REFLECTED CEILING PLAN
A101B	2BR ABA FLOOR & REFLECTED CEILING PLAN
A101C	3BR FLOOR PLAN
A101D	3BR ABA FLOOR PLAN
A102C	3BR REFLECTED CEILING PLAN
A102D	3BR ABA REFLECTED CEILING PLAN
A200A	2BR ELEVATIONS
A200B	2BR ABA ELEVATIONS
A200C	3BR ELEVATIONS
A200D	3BR ABA ELEVATIONS
A610B	2BR ABA INTERIOR ELEVATIONS
A610C	3BR INTERIOR ELEVATIONS
A610D	3BR ABA INTERIOR ELEVATIONS
A901B	2BR ABA RENDERINGS
A901C	3BR RENDERINGS
A901D	3BR ABA RENDERINGS
PLUMBING	

ARCHITECTURAL SHEET INDEX

NO.	DRAWING NAME
P101A	2BR PLUMBING PLAN
P101B	2BR ABA PLUMBING PLAN
P101C	3BR PLUMBING PLAN
P101D	3BR ABA PLUMBING PLAN
ELECTRICAL	
E101A	2BR ELECTRICAL PLAN
E101B	2BR ABA ELECTRICAL PLAN
E101C	3BR ELECTRICAL PLAN
E101D	3BR ABA ELECTRICAL PLAN
ARCHITECTURAL	
A001	STANDARD ABBREVIATIONS, SYMBOLS, & NOTES
ARCHITECTURAL	
A002	TYPICAL MOUNTING HEIGHTS
ARCHITECTURAL	
A003	ASSEMBLY
ARCHITECTURAL	
A005A	2BR DOOR & WINDOW TYPES / SCHEDULES / DETAILS
ARCHITECTURAL	
A610A	2BR INTERIOR ELEVATIONS
ARCHITECTURAL	
A901A	2BR RENDERINGS

APPLICABLE BUILDING CODES

THESE DRAWINGS REPRESENT A CONFORMANCE SET AND ARE INTENDED TO ILLUSTRATE DESIGN INTENT. ALL MODULAR UNITS MUST BE REVIEWED, APPROVED, AND STAMPED BY THE MODULAR UNIT MANUFACTURER PRIOR TO FABRICATION AND INSTALLATION.

SITE CONDITIONS AND APPLICABLE CODES MAY VARY BY JURISDICTION. IT IS THE RESPONSIBILITY OF THE CONTRACOTR AND MANUFACTURER TO VERIFY ALL LOCAL REQUIREMENTS PRIOR T...

- 2024 International Building Code
- 2024 International Residential Code
- 2021 Uniform Plumbing Code
- 2023 National Electric Code
- 2024 International Mechanical Code
- 2024 International Fuel Gas Code
- 2024 International Energy Conservation Code
- 2017 ANSI 117.1
- 2024 International Fire Code
- 2024 International Wildland-Urban Interface Code
- Architectural Barriers Act

Climate Zone 6B Requirements

	2021	2024
Vertical Fenestration (U-factor)	0.3 *0.32 shall apply above 4,000 ft	0.28 *0.30 shall apply above 4,000 ft
Glazed Vertical Fenestration SHGC	NR	NR
Insulation Entirely Above Roof Deck	49 above ceiling & below deck	30ci or 38 above ceiling and below deck
Wood-Framed Wall	30 or 20&5ci or 13&10ci or 0&20ci	30 or 20&5ci or 13&10ci or 0&20ci
Floor	30	30 or 19&7.5ci or 20ci
Crawl Space Wall R-Value	15ci or 19 or 13&5ci	15ci or 19 or 13&5ci

***Minimum Requirements Above**

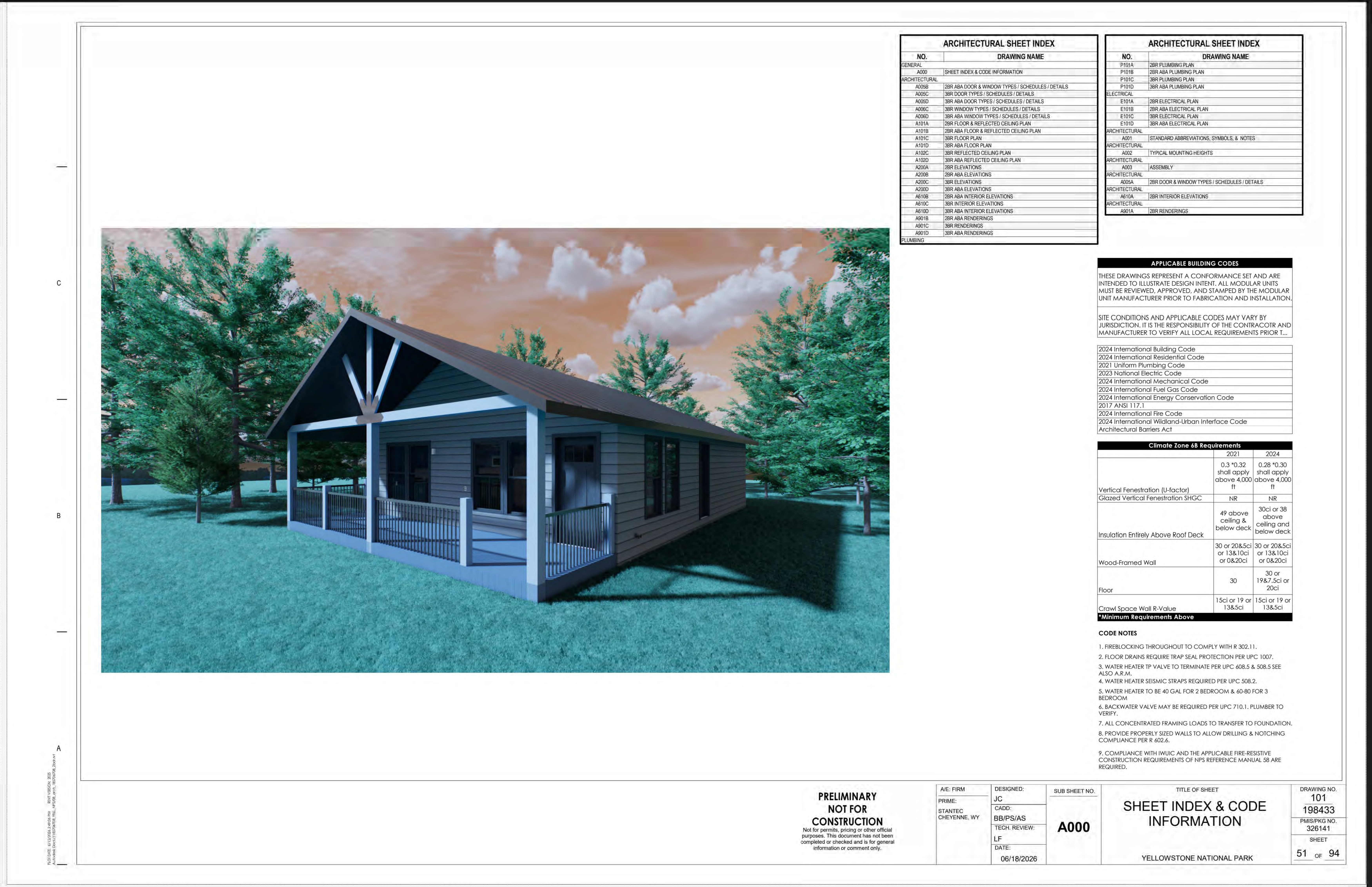
CODE NOTES

1. FIREBLOCKING THROUGHOUT TO COMPLY WITH R 302.11.
2. FLOOR DRAINS REQUIRE TRAP SEAL PROTECTION PER UPC 1007.
3. WATER HEATER TP VALVE TO TERMINATE PER UPC 608.5 & 508.5 SEE ALSO A.R.M.
4. WATER HEATER SEISMIC STRAPS REQUIRED PER UPC 508.2.
5. WATER HEATER TO BE 40 GAL FOR 2 BEDROOM & 60-80 FOR 3 BEDROOM
6. BACKWATER VALVE MAY BE REQUIRED PER UPC 710.1. PLUMBER TO VERIFY.
7. ALL CONCENTRATED FRAMING LOADS TO TRANSFER TO FOUNDATION.
8. PROVIDE PROPERLY SIZED WALLS TO ALLOW DRILLING & NOTCHING COMPLIANCE PER R 602.6.
9. COMPLIANCE WITH IWUIC AND THE APPLICABLE FIRE-RESISTIVE CONSTRUCTION REQUIREMENTS OF NPS REFERENCE MANUAL 58 ARE REQUIRED.

**PRELIMINARY
NOT FOR
CONSTRUCTION**

Not for permits, pricing or other official purposes. This document has not been completed or checked and is for general information or comment only.

A/E: FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: LF DATE: 06/18/2026	SUB SHEET NO. A000	TITLE OF SHEET SHEET INDEX & CODE INFORMATION YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 51 OF 94



ARCHITECTURAL SHEET INDEX

NO.	DRAWING NAME
GENERAL	
A000	SHEET INDEX & CODE INFORMATION
ARCHITECTURAL	
A005B	2BR ABA DOOR & WINDOW TYPES / SCHEDULES / DETAILS
A005C	3BR DOOR TYPES / SCHEDULES / DETAILS
A005D	3BR ABA DOOR TYPES / SCHEDULES / DETAILS
A006C	3BR WINDOW TYPES / SCHEDULES / DETAILS
A006D	3BR ABA WINDOW TYPES / SCHEDULES / DETAILS
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A101C	3BR FLOOR PLAN
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A901C	3BR RENDERINGS
A901D	3BR ABA RENDERINGS
PLUMBING	

ARCHITECTURAL SHEET INDEX

NO.	DRAWING NAME
P101A	2BR PLUMBING PLAN
P101B	2BR ABA PLUMBING PLAN
P101C	3BR PLUMBING PLAN
P101D	3BR ABA PLUMBING PLAN
ELECTRICAL	
E101A	2BR ELECTRICAL PLAN
E101B	2BR ABA ELECTRICAL PLAN
E101C	3BR ELECTRICAL PLAN
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ARCHITECTURAL	
A001	STANDARD ABBREVIATIONS, SYMBOLS, & NOTES
ARCHITECTURAL	
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ARCHITECTURAL	
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ARCHITECTURAL	
A005A	2BR DOOR & WINDOW TYPES / SCHEDULES / DETAILS
ARCHITECTURAL	
A610A	2BR INTERIOR ELEVATIONS
ARCHITECTURAL	
A901A	2BR RENDERINGS

APPLICABLE BUILDING CODES

THESE DRAWINGS REPRESENT A CONFORMANCE SET AND ARE INTENDED TO ILLUSTRATE DESIGN INTENT. ALL MODULAR UNITS MUST BE REVIEWED, APPROVED, AND STAMPED BY THE MODULAR UNIT MANUFACTURER PRIOR TO FABRICATION AND INSTALLATION.

SITE CONDITIONS AND APPLICABLE CODES MAY VARY BY JURISDICTION. IT IS THE RESPONSIBILITY OF THE CONTRACOTR AND MANUFACTURER TO VERIFY ALL LOCAL REQUIREMENTS PRIOR T...

- 2024 International Building Code
- 2024 International Residential Code
- 2021 Uniform Plumbing Code
- 2023 National Electric Code
- 2024 International Mechanical Code
- 2024 International Fuel Gas Code
- 2024 International Energy Conservation Code
- 2017 ANSI 117.1
- 2024 International Fire Code
- 2024 International Wildland-Urban Interface Code
- Architectural Barriers Act

Climate Zone 6B Requirements

	2021	2024
Vertical Fenestration (U-factor)	0.3 *0.32 shall apply above 4,000 ft	0.28 *0.30 shall apply above 4,000 ft
Glazed Vertical Fenestration SHGC	NR	NR
Insulation Entirely Above Roof Deck	49 above ceiling & below deck	30ci or 38 above ceiling and below deck
Wood-Framed Wall	30 or 20&5ci or 13&10ci or 0&20ci	30 or 20&5ci or 13&10ci or 0&20ci
Floor	30	30 or 19&7.5ci or 20ci
Crawl Space Wall R-Value	15ci or 19 or 13&5ci	15ci or 19 or 13&5ci

*Minimum Requirements Above

CODE NOTES

1. FIREBLOCKING THROUGHOUT TO COMPLY WITH R 302.11.
2. FLOOR DRAINS REQUIRE TRAP SEAL PROTECTION PER UPC 1007.
3. WATER HEATER TP VALVE TO TERMINATE PER UPC 608.5 & 508.5 SEE ALSO A.R.M.
4. WATER HEATER SEISMIC STRAPS REQUIRED PER UPC 508.2.
5. WATER HEATER TO BE 40 GAL FOR 2 BEDROOM & 60-80 FOR 3 BEDROOM
6. BACKWATER VALVE MAY BE REQUIRED PER UPC 710.1. PLUMBER TO VERIFY.
7. ALL CONCENTRATED FRAMING LOADS TO TRANSFER TO FOUNDATION.
8. PROVIDE PROPERLY SIZED WALLS TO ALLOW DRILLING & NOTCHING COMPLIANCE PER R 602.6.
9. COMPLIANCE WITH IWUIC AND THE APPLICABLE FIRE-RESISTIVE CONSTRUCTION REQUIREMENTS OF NPS REFERENCE MANUAL 58 ARE REQUIRED.

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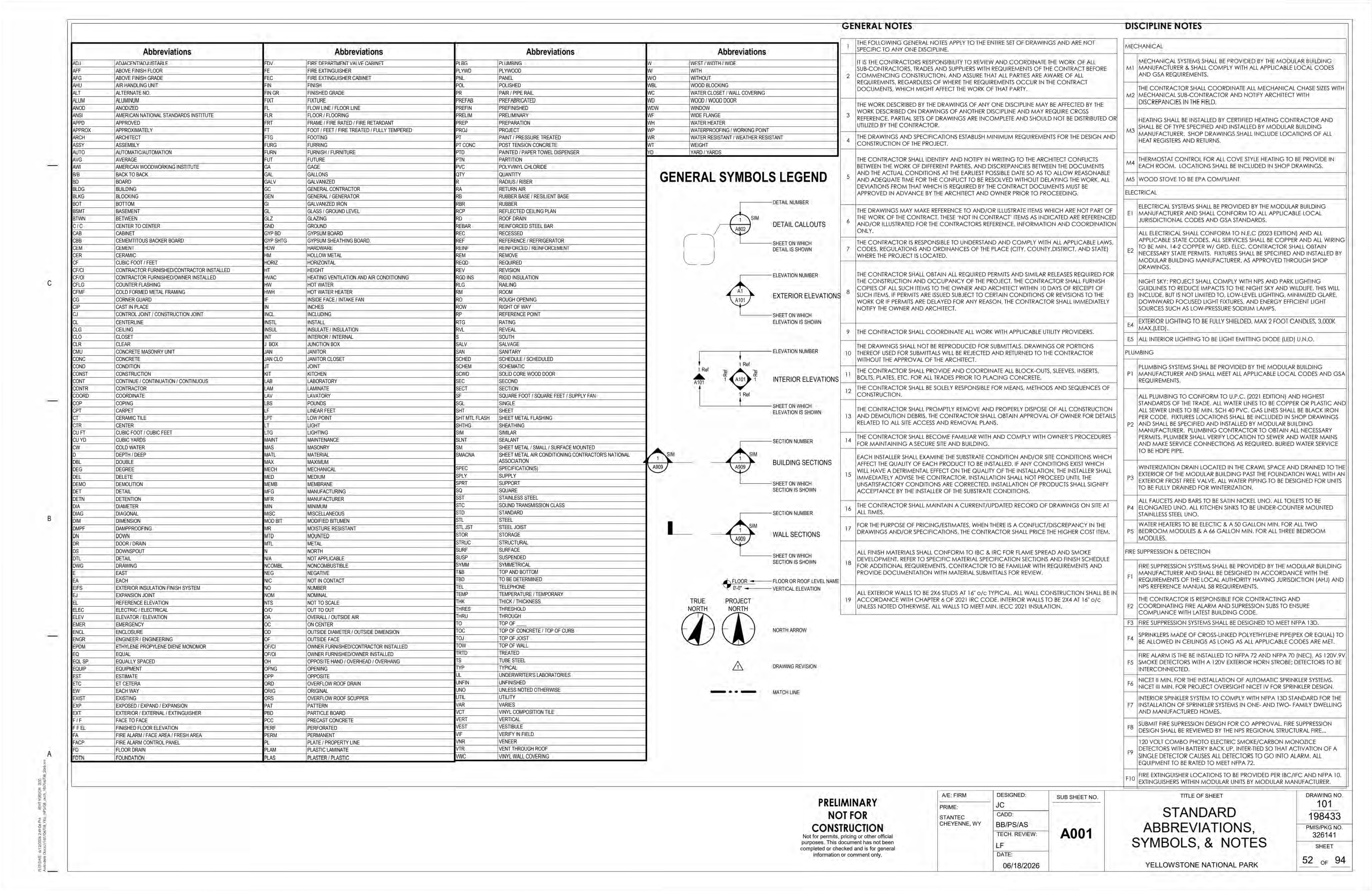
A/E: FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: LF DATE: 06/18/2026	SUB SHEET NO. A000	TITLE OF SHEET SHEET INDEX & CODE INFORMATION YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 51 OF 94

IDENTICAL



Abbreviations	
ADJ	ADJACENT/ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AHU	AIR HANDLING UNIT
ALT	ALTERNATE NO.
ALUM	ALUMINUM
ANOD	ANODIZED
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPD	APPROVED
APPROX	APPROXIMATELY
ARCH	ARCHITECT
ASSY	ASSEMBLY
AUTO	AUTOMATIC/AUTOMATION
AVG	AVERAGE
AWI	AMERICAN WOODWORKING INSTITUTE
B/B	BACK TO BACK
BD	BOARD
BLDG	BUILDING
BLKG	BLOCKING
BOT	BOTTOM
BSMT	BASEMENT
BTWN	BETWEEN
C / C	CENTER TO CENTER
CAB	CABINET
CBB	CEMEMTITOUS BACKER BOARD
CEM	CEMENT
CER	CERAMIC
CF	CUBIC FOOT / FEET
CF/CI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
CF/OI	CONTRACTOR FURNISHED/OWNER INSTALLED
CFLG	COUNTER FLASHING
CFMF	COLD FORMED METAL FRAMING
CG	CORNER GUARD
CIP	CAST IN PLACE
CJ	CONTROL JOINT / CONSTRUCTION JOINT
CL	CENTERLINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
COND	CONDITION
CONST	CONSTRUCTION
CONT	CONTINUE / CONTINUATION / CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
COP	COPING
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CU FT	CUBIC FOOT / CUBIC FEET
CU YD	CUBIC YARDS
CW	COLD WATER
D	DEPTH / DEEP
DBL	DOUBLE
DEG	DEGREE
DEL	DELETE
DEMO	DEMOLITION
DET	DETAIL
DETN	DETENTION
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DMPF	DAMPPROOFING
DN	DOWN
DR	DOOR / DRAIN
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
E	EAST
EA	EACH
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
EL	REFERENCE ELEVATION
ELEC	ELECTRIC / ELECTRICAL
ELEV	ELEVATOR / ELEVATION
EMER	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER / ENGINEERING
EPDM	ETHYLENE PROPYLENE DIENE MONOMOR
EQ	EQUAL
EQL SP	EQUALLY SPACED
EQUIP	EQUIPMENT
EST	ESTIMATE
ETC	ET CETERA
EW	EACH WAY
EXIST	EXISTING
EXP	EXPOSED / EXPAND / EXPANSION
EXT	EXTERIOR / EXTERNAL / EXTINGUISHER
F / F	FACE TO FACE
F F EL	FINISHED FLOOR ELEVATION
FA	FIRE ALARM / FACE AREA / FRESH AREA
FACP	FIRE ALARM CONTROL PANEL
FD	FLOOR DRAIN
FDTN	FOUNDATION

Abbreviations	
FDV	FIRE DEPARTMENT VALVE CABINET
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FIN	FINISH
FIN GR	FINISHED GRADE
FIXT	FIXTURE
FL	FLOW LINE / FLOOR LINE
FLR	FLOOR / FLOORING
FRT	FRAME / FIRE RATED / FIRE RETARDANT
FT	FOOT / FEET / FIRE TREATED / FULLY TEMPERED
FTG	FOOTING
FURG	FURRING
FURN	FURNISH / FURNITURE
FUT	FUTURE
GA	GAGE
GAL	GALLONS
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERAL / GENERATOR
GI	GALVANIZED IRON
GL	GLASS / GROUND LEVEL
GLZ	GLAZING
GND	GROUND
GYP BD	GYPSUM BOARD
GYP SHTG	GYPSUM SHEATHING BOARD.
HDW	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING VENTILATION AND AIR CONDITIONING
HW	HOT WATER
HWH	HOT WATER HEATER
IF	INSIDE FACE / INTAKE FAN
IN	INCHES
INCL	INCLUDING
INSTL	INSTALL
INSUL	INSULATE / INSULATION
INT	INTERIOR / INTERNAL
J BOX	JUNCTION BOX
JAN	JANITOR
JAN CLO	JANITOR CLOSET
JT	JOINT
KIT	KITCHEN
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LBS	POUNDS
LF	LINEAR FEET
LPT	LOW POINT
LT	LIGHT
LTG	LIGHTING
MAINT	MAINTENANCE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFG	MANUFACTURING
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MOD BIT	MODIFIED BITUMEN
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTL	METAL
N	NORTH
N/A	NOT APPLICABLE
NCOMBL	NONCOMBUSTIBLE
NEG	NEGATIVE
NIC	NOT IN CONTACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O/O	OUT TO OUT
OA	OVERALL / OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER / OUTSIDE DIMENSION
OF	OUTSIDE FACE
OF/CI	OWNER FURNISHED/CONTRACTOR INSTALLED
OF/OI	OWNER FURNISHED/OWNER INSTALLED
OH	OPPOSITE HAND / OVERHEAD / OVERHANG
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
ORIG	ORIGINAL
ORS	OVERFLOW ROOF SCUPPER
PAT	PATTERN
PBD	PARTICLE BOARD
PCC	PRECAST CONCRETE
PERF	PERFORATED
PERM	PERMANENT
PL	PLATE / PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER / PLASTIC

Abbreviations	
PLBG	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
POL	POLISHED
PR	PAIR / PIPE RAIL
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PRELIM	PRELIMINARY
PREP	PREPARATION
PROJ	PROJECT
PT	PAINT / PRESSURE TREATED
PT CONC	POST TENSION CONCRETE
PTD	PAINTED / PAPER TOWEL DISPENSER
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
R	RADIUS / RISER
RA	RETURN AIR
RB	RUBBER BASE / RESILIENT BASE
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REBAR	REINFORCED STEEL BAR
REC	RECESSED
REF	REFERENCE / REFRIGERATOR
REINF	REINFORCED / REINFORCEMENT
REM	REMOVE
REQD	REQUIRED
REV	REVISION
RGD INS	RIGID INSULATION
RLG	RAILING
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RP	REFERENCE POINT
RTG	RATING
RVL	REVEAL
S	SOUTH
SALV	SALVAGE
SAN	SANITARY
SCHED	SCHEDULE / SCHEDULED
SCHEM	SCHEMATIC
SCWD	SOLID CORE WOOD DOOR
SEC	SECOND
SECT	SECTION
SF	SQUARE FOOT / SQUARE FEET / SUPPLY FAN
SGL	SINGLE
SHT	SHEET
SHT MTL FLASH	SHEET METAL FLASHING
SHTHG	SHEATHING
SIM	SIMILAR
SLNT	SEALANT
SM	SHEET METAL / SMALL / SURFACE MOUNTED
SMACNA	SHEET METAL AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION
SPEC	SPECIFICATION(S)
SPLY	SUPPLY
SPRT	SUPPORT
SQ	SQUARE
SST	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STL JST	STEEL JOIST
STOR	STORAGE
STRUC	STRUCTURAL
SURF	SURFACE
SUSP	SUSPENDED
SYMM	SYMMETRICAL
T&B	TOP AND BOTTOM
TBD	TO BE DETERMINED
TEL	TELEPHONE
TEMP	TEMPERATURE / TEMPORARY
THK	THICK / THICKNESS
THRES	THRESHOLD
THRU	THROUGH
TO	TOP OF ____
TOC	TOP OF CONCRETE / TOP OF CURB
TOJ	TOP OF JOIST
TOW	TOP OF WALL
TRTD	TREATED
TS	TUBE STEEL
TYP	TYPICAL
UL	UNDERWRITER'S LABORATORIES
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UTIL	UTILITY
VAR	VARIES
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VNR	VENEER
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING

Abbreviations	
W	WEST / WIDTH / WIDE
W/	WITH
W/O	WITHOUT
WBL	WOOD BLOCKING
WC	WATER CLOSET / WALL COVERING
WD	WOOD / WOOD DOOR
WDW	WINDOW
WF	WIDE FLANGE
WH	WATER HEATER
WP	WATERPROOFING / WORKING POINT
WR	WATER RESISTANT / WEATHER RESISTANT
WT	WEIGHT
YD	YARD / YARDS

GENERAL SYMBOLS LEGEND

DETAIL NUMBER
SIM
1
A802
DETAIL CALLOUTS
SHEET ON WHICH DETAIL IS SHOWN

ELEVATION NUMBER
A1
A101
EXTERIOR ELEVATIONS
SHEET ON WHICH ELEVATION IS SHOWN

ELEVATION NUMBER
1 Ref
A101
INTERIOR ELEVATIONS
SHEET ON WHICH ELEVATION IS SHOWN

SECTION NUMBER
SIM
1
A909
BUILDING SECTIONS
SHEET ON WHICH SECTION IS SHOWN

SECTION NUMBER
SIM
1
A909
WALL SECTIONS
SHEET ON WHICH SECTION IS SHOWN

FLOOR
0'-0"
FLOOR OR ROOF LEVEL NAME
VERTICAL ELEVATION

TRUE NORTH
PROJECT NORTH
NORTH ARROW

1
DRAWING REVISION

MATCH LINE

GENERAL NOTES

1	THE FOLLOWING GENERAL NOTES APPLY TO THE ENTIRE SET OF DRAWINGS AND ARE NOT SPECIFIC TO ANY ONE DISCIPLINE.
2	IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS WITH REQUIREMENTS OF THE CONTRACT BEFORE COMMENCING CONSTRUCTION, AND ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMNTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.
3	THE WORK DESCRIBED BY THE DRAWINGS OF ANY ONE DISCIPLINE MAY BE AFFECTED BY THE WORK DESCRIBED ON DRAWINGS OF ANOTHER DISCIPLINE AND MAY REQUIRE CROSS REFERENCE. PARTIAL SETS OF DRAWINGS ARE INCOMPLETE AND SHOULD NOT BE DISTRIBUTED OR UTILIZED BY THE CONTRACTOR.
4	THE DRAWINGS AND SPECIFICATIONS ESTABLISH MINIMUM REQUIREMENTS FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.
5	THE CONTRACTOR SHALL IDENTIFY AND NOTIFY IN WRITING TO THE ARCHITECT CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES, AND DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THAT WHICH IS REQUIRED BY THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT AND OWNER PRIOR TO PROCEEDING.
6	THE DRAWINGS MAY MAKE REFERENCE TO AND/OR ILLUSTRATE ITEMS WHICH ARE NOT PART OF THE WORK OF THE CONTRACT. THESE 'NOT IN CONTRACT' ITEMS AS INDICATED ARE REFERENCED AND/OR ILLUSTRATED FOR THE CONTRACTORS REFERENCE, INFORMATION AND COORDINATION ONLY.
7	THE CONTRACTOR IS RESPONSIBLE TO UNDERSTAND AND COMPLY WITH ALL APPLICABLE LAWS, CODES, REGULATIONS AND ORDINANCES OF THE PLACE (CITY, COUNTY,DISTRICT, AND STATE) WHERE THE PROJECT IS LOCATED.
8	THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND SIMILAR RELEASES REQUIRED FOR THE CONSTRUCTION AND OCCUPANCY OF THE PROJECT. THE CONTRACTOR SHALL FURNISH COPIES OF ALL SUCH ITEMS TO THE OWNER AND ARCHITECT WITHIN 10 DAYS OF RECEIPT OF SUCH ITEMS. IF PERMITS ARE ISSUED SUBJECT TO CERTAIN CONDITIONS OR REVISIONS TO THE WORK OR IF PERMITS ARE DELAYED FOR ANY REASON, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND ARCHITECT.
9	THE CONTRACTOR SHALL COORDINATE ALL WORK WITH APPLICABLE UTILITY PROVIDERS.
10	THE DRAWINGS SHALL NOT BE REPRODUCED FOR SUBMITTALS. DRAWINGS OR PORTIONS THEREOF USED FOR SUBMITTALS WILL BE REJECTED AND RETURNED TO THE CONTRACTOR WITHOUT THE APPROVAL OF THE ARCHITECT.
11	THE CONTRACTOR SHALL PROVIDE AND COORDINATE ALL BLOCK-OUTS, SLEEVES, INSERTS, BOLTS, PLATES, ETC. FOR ALL TRADES PRIOR TO PLACING CONCRETE.
12	THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS, METHODS AND SEQUENCES OF CONSTRUCTION.
13	THE CONTRACTOR SHALL PROMPTLY REMOVE AND PROPERLY DISPOSE OF ALL CONSTRUCTION AND DEMOLITION DEBRIS. THE CONTRACTOR SHALL OBTAIN APPROVAL OF OWNER FOR DETAILS RELATED TO ALL SITE ACCESS AND REMOVAL PLANS.
14	THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH OWNER'S PROCEDURES FOR MAINTAINING A SECURE SITE AND BUILDING.
15	EACH INSTALLER SHALL EXAMINE THE SUBSTRATE CONDITION AND/OR SITE CONDITIONS WHICH AFFECT THE QUALITY OF EACH PRODUCT TO BE INSTALLED. IF ANY CONDITIONS EXIST WHICH WILL HAVE A DETRIMENTAL EFFECT ON THE QUALITY OF THE INSTALLATION, THE INSTALLER SHALL IMMEDIATELY ADVISE THE CONTRACTOR. INSTALLATION SHALL NOT PROCEED UNTIL THE UNSATISFACTORY CONDITIONS ARE CORRECTED. INSTALLATION OF PRODUCTS SHALL SIGNIFY ACCEPTANCE BY THE INSTALLER OF THE SUBSTRATE CONDITIONS.
16	THE CONTRACTOR SHALL MAINTAIN A CURRENT/UPDATED RECORD OF DRAWINGS ON SITE AT ALL TIMES.
17	FOR THE PURPOSE OF PRICING/ESTIMATES, WHEN THERE IS A CONFLICT/DISCREPANCY IN THE DRAWINGS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL PRICE THE HIGHER COST ITEM.
18	ALL FINISH MATERIALS SHALL CONFORM TO IBC & IRC FOR FLAME SPREAD AND SMOKE DEVELOPMENT, REFER TO SPECIFIC MATERIAL SPECIFICATION SECTIONS AND FINISH SCHEDULE FOR ADDITIONAL REQUIREMENTS. CONTRACTOR TO BE FAMILIAR WITH REQUIREMENTS AND PROVIDE DOCUMENTATION WITH MATERIAL SUBMITTALS FOR REVIEW.
19	ALL EXTERIOR WALLS TO BE 2X6 STUDS AT 16" o/c TYPICAL. ALL WALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHAPTER 6 OF 2021 IRC CODE. INTERIOR WALLS TO BE 2X4 AT 16" o/c UNLESS NOTED OTHERWISE. ALL WALLS TO MEET MIN. IECC 2021 INSULATION.

DISCIPLINE NOTES

MECHANICAL	
M1	MECHANICAL SYSTEMS SHALL BE PROVIDED BY THE MODULAR BUILDING MANUFACTURER & SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES AND GSA REQUIREMENTS.
M2	THE CONTRACTOR SHALL COORDINATE ALL MECHANICAL CHASE SIZES WITH MECHANICAL SUB-CONTRACTOR AND NOTIFY ARCHITECT WITH DISCREPANCIES IN THE FIELD.
M3	HEATING SHALL BE INSTALLED BY CERTIFIED HEATING CONTRACTOR AND SHALL BE OF TYPE SPECIFIED AND INSTALLED BY MODULAR BUILDING MANUFACTURER. SHOP DRAWINGS SHALL INCLUDE LOCATIONS OF ALL HEAT REGISTERS AND RETURNS.
M4	THERMOSTAT CONTROL FOR ALL COVE STYLE HEATING TO BE PROVIDE IN EACH ROOM. LOCATIONS SHALL BE INCLUDED IN SHOP DRAWINGS.
M5	WOOD STOVE TO BE EPA COMPLIANT
ELECTRICAL	
E1	ELECTRICAL SYSTEMS SHALL BE PROVIDED BY THE MODULAR BUILDING MANUFACTURER AND SHALL CONFORM TO ALL APPLICABLE LOCAL JURISDICTIONAL CODES AND GSA STANDARDS.
E2	ALL ELECTRICAL SHALL CONFORM TO N.E.C (2023 EDITION) AND ALL APPLICABLE STATE CODES. ALL SERVICES SHALL BE COPPER AND ALL WIRING TO BE MIN. 14-2 COPPER W/ GRD. ELEC. CONTRACTOR SHALL OBTAIN NECESSARY STATE PERMITS. FIXTURES SHALL BE SPECIFIED AND INSTALLED BY MODULAR BUILDING MANUFACTURER, AS APPROVED THROUGH SHOP DRAWINGS.
E3	NIGHT SKY: PROJECT SHALL COMPLY WITH NPS AND PARK LIGHTING GUIDLINES 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.
E4	EXTERIOR LIGHTING TO BE FULLY SHIELDED, MAX 2 FOOT CANDLES, 3,000K MAX.(LED).
E5	ALL INTERIOR LIGHTING TO BE LIGHT EMITTING DIODE (LED) U.N.O.
PLUMBING	
P1	PLUMBING SYSTEMS SHALL BE PROVIDED BY THE MODULAR BUILDING MANUFACTURER AND SHALL MEET ALL APPLICABLE LOCAL CODES AND GSA REQUIREMENTS.
P2	ALL PLUMBING TO CONFORM TO U.P.C. (2021 EDITION) AND HIGHEST STANDARDS OF THE TRADE. ALL WATER LINES TO BE COPPER OR PLASTIC AND ALL SEWER LINES TO BE MIN. SCH 40 PVC. GAS LINES SHALL BE BLACK IRON PER CODE. FIXTURES LOCATIONS SHALL BE INCLUDED IN SHOP DRAWINGS AND SHALL BE SPECIFIED AND INSTALLED BY MODULAR BUILDING MANUFACTURER. PLUMBING CONTRACTOR TO OBTAIN ALL NECESARY PERMITS. PLUMBER SHALL VERIFY LOCATION TO SEWER AND WATER MAINS AND MAKE SERVICE CONNECTIONS AS REQUIRED. BURIED WATER SERVICE TO BE HDPE PIPE.
P3	WINTERIZATION DRAIN LOCATED IN THE CRAWL SPACE AND DRAINED TO THE EXTERIOR OF THE MODULAR BUILDING PAST THE FOUNDATION WALL WITH AN EXTERIOR FROST FREE VALVE. ALL WATER PIPING TO BE DESIGNED FOR UNITS TO BE FULLY DRAINED FOR WINTERIZATION.
P4	ALL FAUCETS AND BARS TO BE SATIN NICKEL UNO. ALL TOILETS TO BE ELONGATED UNO. ALL KITCHEN SINKS TO BE UNDER-COUNTER MOUNTED STAINLLESS STEEL UNO.
P5	WATER HEATERS TO BE ELECTIC & A 50 GALLON MIN. FOR ALL TWO BEDROOM MODULES & A 66 GALLON MIN. FOR ALL THREE BEDROOM MODULES.
FIRE SUPPRESSION & DETECTION	
F1	FIRE SUPPRESSION SYSTEMS SHALL BE PROVIDED BY THE MODULAR BUILDING MANUFACTURER AND SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) AND NPS REFERENCE MANUAL 58 REQUIREMENTS.
F2	THE CONTRACTOR IS RESPONSIBLE FOR CONTRACTING AND COORDINATING FIRE ALARM AND SUPRESSION SUBS TO ENSURE COMPLIANCE WITH LATEST BUILDING CODE.
F3	FIRE SUPPRESSION SYSTEMS SHALL BE DESIGNED TO MEET NFPA 13D.
F4	SPRINKLERS MADE OF CROSS-LINKED POLYETHYLENE PIPE(PEX OR EQUAL) TO BE ALLOWED IN CEILINGS AS LONG AS ALL APPLICABLE CODES ARE MET.
F5	FIRE ALARM IS THE BE INSTALLED TO NFPA 72 AND NFPA 70 (NEC), AS 120V,9V SMOKE DETECTORS WITH A 120V EXTERIOR HORN STROBE; DETECTORS TO BE INTERCONNECTED.
F6	NICET II MIN. FOR THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS. NICET III MIN. FOR PROJECT OVERSIGHT NICET IV FOR SPRINKLER DESIGN.
F7	INTERIOR SPINKLER SYSTEM TO COMPLY WITH NFPA 13D STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS IN ONE- AND TWO- FAMILY DWELLING AND MANUFACTURED HOMES.
F8	SUBMIT FIRE SUPRESSION DESIGN FOR CO APPROVAL. FIRE SUPPRESSION DESIGN SHALL BE REVIEWED BY THE NPS REGIONAL STRUCTURAL FIRE...
F9	120 VOLT COMBO PHOTO ELECTRIC SMOKE/CARBON MONOZICE DETECTORS WITH BATTERY BACK UP, INTER-TIED SO THAT ACTIVATION OF A SINGLE DETECTOR CAUSES ALL DETECTORS TO GO INTO ALARM. ALL EQUIPMENT TO BE RATED TO MEET NFPA 72.
F10	FIRE EXTINGUISHER LOCATIONS TO BE PROVIDED PER IBC/IFC AND NFPA 10. EXTINGUISHERS WITHIN MODULAR UNITS BY MODULAR MANUFACTURER.

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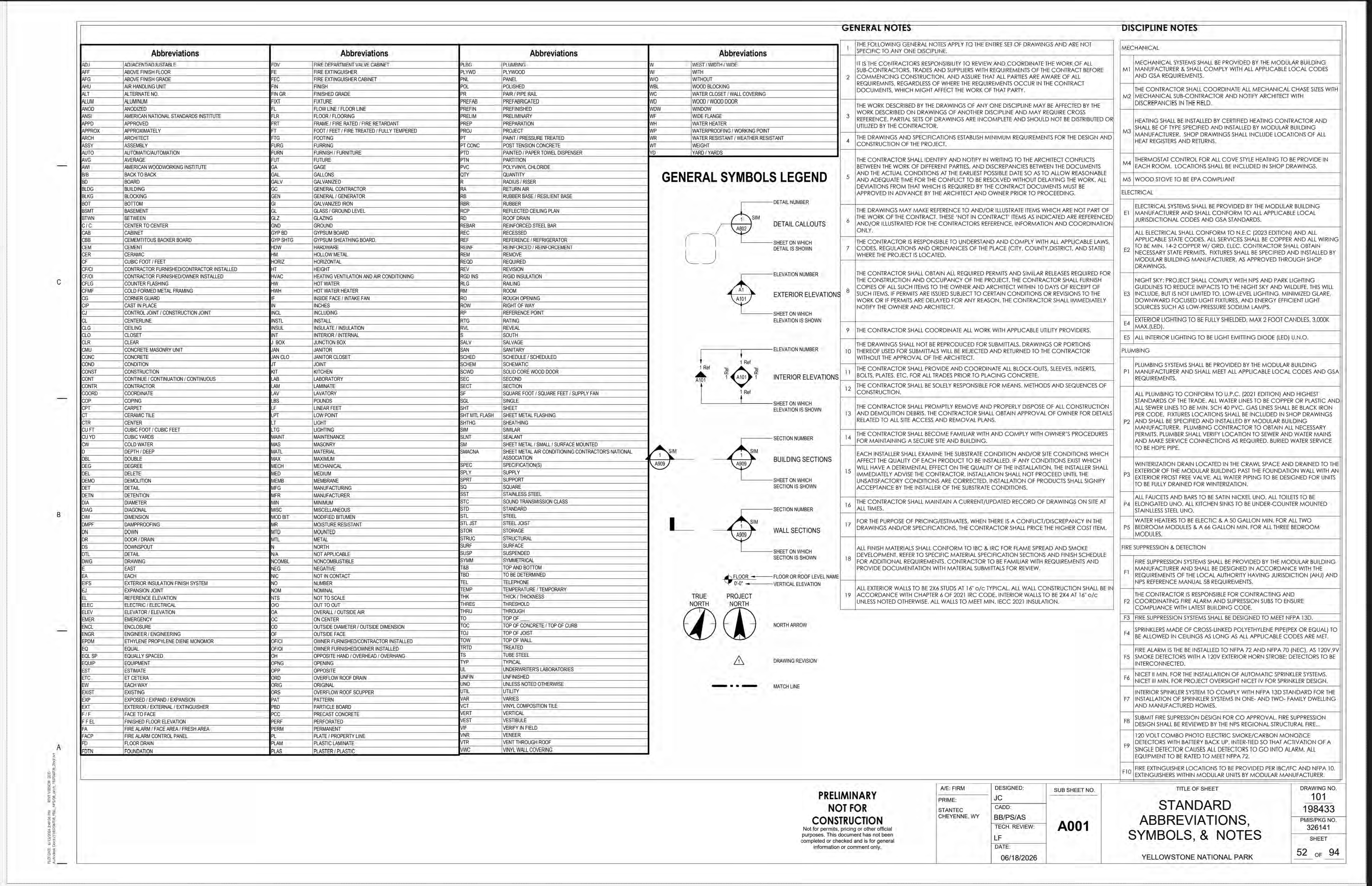
A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A001

TITLE OF SHEET
STANDARD ABBREVIATIONS, SYMBOLS, & NOTES
YELLOWSTONE NATIONAL PARK

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



Abbreviations	
ADJ	ADJACENT/ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AHU	AIR HANDLING UNIT
ALT	ALTERNATE NO.
ALUM	ALUMINUM
ANOD	ANODIZED
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPD	APPROVED
APPROX	APPROXIMATELY
ARCH	ARCHITECT
ASSY	ASSEMBLY
AUTO	AUTOMATIC/AUTOMATION
AVG	AVERAGE
AWI	AMERICAN WOODWORKING INSTITUTE
B/B	BACK TO BACK
BD	BOARD
BLDG	BUILDING
BLKG	BLOCKING
BOT	BOTTOM
BSMT	BASEMENT
BTWN	BETWEEN
C / C	CENTER TO CENTER
CAB	CABINET
CBB	CEMEMTITOUS BACKER BOARD
CEM	CEMENT
CER	CERAMIC
CF	CUBIC FOOT / FEET
CF/CI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
CF/OI	CONTRACTOR FURNISHED/OWNER INSTALLED
CFLG	COUNTER FLASHING
CFMF	COLD FORMED METAL FRAMING
CG	CORNER GUARD
CIP	CAST IN PLACE
CJ	CONTROL JOINT / CONSTRUCTION JOINT
CL	CENTERLINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
COND	CONDITION
CONST	CONSTRUCTION
CONT	CONTINUE / CONTINUATION / CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
COP	COPING
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CU FT	CUBIC FOOT / CUBIC FEET
CU YD	CUBIC YARDS
CW	COLD WATER
D	DEPTH / DEEP
DBL	DOUBLE
DEG	DEGREE
DEL	DELETE
DEMO	DEMOLITION
DET	DETAIL
DETN	DETENTION
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DMPF	DAMPPROOFING
DN	DOWN
DR	DOOR / DRAIN
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
E	EAST
EA	EACH
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
EL	REFERENCE ELEVATION
ELEC	ELECTRIC / ELECTRICAL
ELEV	ELEVATOR / ELEVATION
EMER	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER / ENGINEERING
EPDM	ETHYLENE PROPYLENE DIENE MONOMOR
EQ	EQUAL
EQL SP	EQUALLY SPACED
EQUIP	EQUIPMENT
EST	ESTIMATE
ETC	ET CETERA
EW	EACH WAY
EXIST	EXISTING
EXP	EXPOSED / EXPAND / EXPANSION
EXT	EXTERIOR / EXTERNAL / EXTINGUISHER
F / F	FACE TO FACE
F F EL	FINISHED FLOOR ELEVATION
FA	FIRE ALARM / FACE AREA / FRESH AREA
FACP	FIRE ALARM CONTROL PANEL
FD	FLOOR DRAIN
FDTN	FOUNDATION

Abbreviations	
FDV	FIRE DEPARTMENT VALVE CABINET
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FIN	FINISH
FIN GR	FINISHED GRADE
FIXT	FIXTURE
FL	FLOW LINE / FLOOR LINE
FLR	FLOOR / FLOORING
FRT	FRAME / FIRE RATED / FIRE RETARDANT
FT	FOOT / FEET / FIRE TREATED / FULLY TEMPERED
FTG	FOOTING
FURG	FURRING
FURN	FURNISH / FURNITURE
FUT	FUTURE
GA	GAGE
GAL	GALLONS
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERAL / GENERATOR
GI	GALVANIZED IRON
GL	GLASS / GROUND LEVEL
GLZ	GLAZING
GND	GROUND
GYP BD	GYPSUM BOARD
GYP SHTG	GYPSUM SHEATHING BOARD.
HDW	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING VENTILATION AND AIR CONDITIONING
HW	HOT WATER
HWH	HOT WATER HEATER
IF	INSIDE FACE / INTAKE FAN
IN	INCHES
INCL	INCLUDING
INSTL	INSTALL
INSUL	INSULATE / INSULATION
INT	INTERIOR / INTERNAL
J BOX	JUNCTION BOX
JAN	JANITOR
JAN CLO	JANITOR CLOSET
JT	JOINT
KIT	KITCHEN
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LBS	POUNDS
LF	LINEAR FEET
LPT	LOW POINT
LT	LIGHT
LTG	LIGHTING
MAINT	MAINTENANCE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFG	MANUFACTURING
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MOD BIT	MODIFIED BITUMEN
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTL	METAL
N	NORTH
N/A	NOT APPLICABLE
NCOMBL	NONCOMBUSTIBLE
NEG	NEGATIVE
NIC	NOT IN CONTACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O/O	OUT TO OUT
OA	OVERALL / OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER / OUTSIDE DIMENSION
OF	OUTSIDE FACE
OF/CI	OWNER FURNISHED/CONTRACTOR INSTALLED
OF/OI	OWNER FURNISHED/OWNER INSTALLED
OH	OPPOSITE HAND / OVERHEAD / OVERHANG
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
ORIG	ORIGINAL
ORS	OVERFLOW ROOF SCUPPER
PAT	PATTERN
PBD	PARTICLE BOARD
PCC	PRECAST CONCRETE
PERF	PERFORATED
PERM	PERMANENT
PL	PLATE / PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER / PLASTIC

Abbreviations	
PLBG	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
POL	POLISHED
PR	PAIR / PIPE RAIL
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PRELIM	PRELIMINARY
PREP	PREPARATION
PROJ	PROJECT
PT	PAINT / PRESSURE TREATED
PT CONC	POST TENSION CONCRETE
PTD	PAINTED / PAPER TOWEL DISPENSER
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
R	RADIUS / RISER
RA	RETURN AIR
RB	RUBBER BASE / RESILIENT BASE
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REBAR	REINFORCED STEEL BAR
REC	RECESSED
REF	REFERENCE / REFRIGERATOR
REINF	REINFORCED / REINFORCEMENT
REM	REMOVE
REQD	REQUIRED
REV	REVISION
RGD INS	RIGID INSULATION
RLG	RAILING
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RP	REFERENCE POINT
RTG	RATING
RVL	REVEAL
S	SOUTH
SALV	SALVAGE
SAN	SANITARY
SCHED	SCHEDULE / SCHEDULED
SCHEM	SCHEMATIC
SCWD	SOLID CORE WOOD DOOR
SEC	SECOND
SECT	SECTION
SF	SQUARE FOOT / SQUARE FEET / SUPPLY FAN
SGL	SINGLE
SHT	SHEET
SHT MTL FLASH	SHEET METAL FLASHING
SHTHG	SHEATHING
SIM	SIMILAR
SLNT	SEALANT
SM	SHEET METAL / SMALL / SURFACE MOUNTED
SMACNA	SHEET METAL AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION
SPEC	SPECIFICATION(S)
SPLY	SUPPLY
SPRT	SUPPORT
SQ	SQUARE
SST	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STL JST	STEEL JOIST
STOR	STORAGE
STRUC	STRUCTURAL
SURF	SURFACE
SUSP	SUSPENDED
SYMM	SYMMETRICAL
T&B	TOP AND BOTTOM
TBD	TO BE DETERMINED
TEL	TELEPHONE
TEMP	TEMPERATURE / TEMPORARY
THK	THICK / THICKNESS
THRES	THRESHOLD
THRU	THROUGH
TO	TOP OF ____
TOC	TOP OF CONCRETE / TOP OF CURB
TOJ	TOP OF JOIST
TOW	TOP OF WALL
TRTD	TREATED
TS	TUBE STEEL
TYP	TYPICAL
UL	UNDERWRITER'S LABORATORIES
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UTIL	UTILITY
VAR	VARIES
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VNR	VENEER
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING

Abbreviations	
W	WEST / WIDTH / WIDE
W/	WITH
W/O	WITHOUT
WBL	WOOD BLOCKING
WC	WATER CLOSET / WALL COVERING
WD	WOOD / WOOD DOOR
WDW	WINDOW
WF	WIDE FLANGE
WH	WATER HEATER
WP	WATERPROOFING / WORKING POINT
WR	WATER RESISTANT / WEATHER RESISTANT
WT	WEIGHT
YD	YARD / YARDS

GENERAL SYMBOLS LEGEND

DETAIL NUMBER
SIM
1
A802
DETAIL CALLOUTS
SHEET ON WHICH DETAIL IS SHOWN

ELEVATION NUMBER
A1
A101
EXTERIOR ELEVATIONS
SHEET ON WHICH ELEVATION IS SHOWN

ELEVATION NUMBER
1 Ref
A101
INTERIOR ELEVATIONS
SHEET ON WHICH ELEVATION IS SHOWN

SECTION NUMBER
SIM
1
A909
BUILDING SECTIONS
SHEET ON WHICH SECTION IS SHOWN

SECTION NUMBER
SIM
1
A909
WALL SECTIONS
SHEET ON WHICH SECTION IS SHOWN

FLOOR
0'-0"
FLOOR OR ROOF LEVEL NAME
VERTICAL ELEVATION

TRUE NORTH
PROJECT NORTH
NORTH ARROW

1
DRAWING REVISION

MATCH LINE

GENERAL NOTES

1	THE FOLLOWING GENERAL NOTES APPLY TO THE ENTIRE SET OF DRAWINGS AND ARE NOT SPECIFIC TO ANY ONE DISCIPLINE.
2	IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS WITH REQUIREMENTS OF THE CONTRACT BEFORE COMMENCING CONSTRUCTION, AND ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMNTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.
3	THE WORK DESCRIBED BY THE DRAWINGS OF ANY ONE DISCIPLINE MAY BE AFFECTED BY THE WORK DESCRIBED ON DRAWINGS OF ANOTHER DISCIPLINE AND MAY REQUIRE CROSS REFERENCE. PARTIAL SETS OF DRAWINGS ARE INCOMPLETE AND SHOULD NOT BE DISTRIBUTED OR UTILIZED BY THE CONTRACTOR.
4	THE DRAWINGS AND SPECIFICATIONS ESTABLISH MINIMUM REQUIREMENTS FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.
5	THE CONTRACTOR SHALL IDENTIFY AND NOTIFY IN WRITING TO THE ARCHITECT CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES, AND DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THAT WHICH IS REQUIRED BY THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT AND OWNER PRIOR TO PROCEEDING.
6	THE DRAWINGS MAY MAKE REFERENCE TO AND/OR ILLUSTRATE ITEMS WHICH ARE NOT PART OF THE WORK OF THE CONTRACT. THESE 'NOT IN CONTRACT' ITEMS AS INDICATED ARE REFERENCED AND/OR ILLUSTRATED FOR THE CONTRACTORS REFERENCE, INFORMATION AND COORDINATION ONLY.
7	THE CONTRACTOR IS RESPONSIBLE TO UNDERSTAND AND COMPLY WITH ALL APPLICABLE LAWS, CODES, REGULATIONS AND ORDINANCES OF THE PLACE (CITY, COUNTY,DISTRICT, AND STATE) WHERE THE PROJECT IS LOCATED.
8	THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND SIMILAR RELEASES REQUIRED FOR THE CONSTRUCTION AND OCCUPANCY OF THE PROJECT. THE CONTRACTOR SHALL FURNISH COPIES OF ALL SUCH ITEMS TO THE OWNER AND ARCHITECT WITHIN 10 DAYS OF RECEIPT OF SUCH ITEMS. IF PERMITS ARE ISSUED SUBJECT TO CERTAIN CONDITIONS OR REVISIONS TO THE WORK OR IF PERMITS ARE DELAYED FOR ANY REASON, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND ARCHITECT.
9	THE CONTRACTOR SHALL COORDINATE ALL WORK WITH APPLICABLE UTILITY PROVIDERS.
10	THE DRAWINGS SHALL NOT BE REPRODUCED FOR SUBMITTALS. DRAWINGS OR PORTIONS THEREOF USED FOR SUBMITTALS WILL BE REJECTED AND RETURNED TO THE CONTRACTOR WITHOUT THE APPROVAL OF THE ARCHITECT.
11	THE CONTRACTOR SHALL PROVIDE AND COORDINATE ALL BLOCK-OUTS, SLEEVES, INSERTS, BOLTS, PLATES, ETC. FOR ALL TRADES PRIOR TO PLACING CONCRETE.
12	THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS, METHODS AND SEQUENCES OF CONSTRUCTION.
13	THE CONTRACTOR SHALL PROMPTLY REMOVE AND PROPERLY DISPOSE OF ALL CONSTRUCTION AND DEMOLITION DEBRIS. THE CONTRACTOR SHALL OBTAIN APPROVAL OF OWNER FOR DETAILS RELATED TO ALL SITE ACCESS AND REMOVAL PLANS.
14	THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH OWNER'S PROCEDURES FOR MAINTAINING A SECURE SITE AND BUILDING.
15	EACH INSTALLER SHALL EXAMINE THE SUBSTRATE CONDITION AND/OR SITE CONDITIONS WHICH AFFECT THE QUALITY OF EACH PRODUCT TO BE INSTALLED. IF ANY CONDITIONS EXIST WHICH WILL HAVE A DETRIMENTAL EFFECT ON THE QUALITY OF THE INSTALLATION, THE INSTALLER SHALL IMMEDIATELY ADVISE THE CONTRACTOR. INSTALLATION SHALL NOT PROCEED UNTIL THE UNSATISFACTORY CONDITIONS ARE CORRECTED. INSTALLATION OF PRODUCTS SHALL SIGNIFY ACCEPTANCE BY THE INSTALLER OF THE SUBSTRATE CONDITIONS.
16	THE CONTRACTOR SHALL MAINTAIN A CURRENT/UPDATED RECORD OF DRAWINGS ON SITE AT ALL TIMES.
17	FOR THE PURPOSE OF PRICING/ESTIMATES, WHEN THERE IS A CONFLICT/DISCREPANCY IN THE DRAWINGS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL PRICE THE HIGHER COST ITEM.
18	ALL FINISH MATERIALS SHALL CONFORM TO IBC & IRC FOR FLAME SPREAD AND SMOKE DEVELOPMENT, REFER TO SPECIFIC MATERIAL SPECIFICATION SECTIONS AND FINISH SCHEDULE FOR ADDITIONAL REQUIREMENTS. CONTRACTOR TO BE FAMILIAR WITH REQUIREMENTS AND PROVIDE DOCUMENTATION WITH MATERIAL SUBMITTALS FOR REVIEW.
19	ALL EXTERIOR WALLS TO BE 2X6 STUDS AT 16" o/c TYPICAL. ALL WALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHAPTER 6 OF 2021 IRC CODE. INTERIOR WALLS TO BE 2X4 AT 16" o/c UNLESS NOTED OTHERWISE. ALL WALLS TO MEET MIN. IECC 2021 INSULATION.

DISCIPLINE NOTES

MECHANICAL	
M1	MECHANICAL SYSTEMS SHALL BE PROVIDED BY THE MODULAR BUILDING MANUFACTURER & SHALL COMPLY WITH ALL APPLICABLE LOCAL CODES AND GSA REQUIREMENTS.
M2	THE CONTRACTOR SHALL COORDINATE ALL MECHANICAL CHASE SIZES WITH MECHANICAL SUB-CONTRACTOR AND NOTIFY ARCHITECT WITH DISCREPANCIES IN THE FIELD.
M3	HEATING SHALL BE INSTALLED BY CERTIFIED HEATING CONTRACTOR AND SHALL BE OF TYPE SPECIFIED AND INSTALLED BY MODULAR BUILDING MANUFACTURER. SHOP DRAWINGS SHALL INCLUDE LOCATIONS OF ALL HEAT REGISTERS AND RETURNS.
M4	THERMOSTAT CONTROL FOR ALL COVE STYLE HEATING TO BE PROVIDE IN EACH ROOM. LOCATIONS SHALL BE INCLUDED IN SHOP DRAWINGS.
M5	WOOD STOVE TO BE EPA COMPLIANT
ELECTRICAL	
E1	ELECTRICAL SYSTEMS SHALL BE PROVIDED BY THE MODULAR BUILDING MANUFACTURER AND SHALL CONFORM TO ALL APPLICABLE LOCAL JURISDICTIONAL CODES AND GSA STANDARDS.
E2	ALL ELECTRICAL SHALL CONFORM TO N.E.C (2023 EDITION) AND ALL APPLICABLE STATE CODES. ALL SERVICES SHALL BE COPPER AND ALL WIRING TO BE MIN. 14-2 COPPER W/ GRD. ELEC. CONTRACTOR SHALL OBTAIN NECESSARY STATE PERMITS. FIXTURES SHALL BE SPECIFIED AND INSTALLED BY MODULAR BUILDING MANUFACTURER, AS APPROVED THROUGH SHOP DRAWINGS.
E3	NIGHT SKY: PROJECT SHALL COMPLY WITH NPS AND PARK LIGHTING GUIDLINES 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.
E4	EXTERIOR LIGHTING TO BE FULLY SHIELDED, MAX 2 FOOT CANDLES, 3,000K MAX.(LED).
E5	ALL INTERIOR LIGHTING TO BE LIGHT EMITTING DIODE (LED) U.N.O.
PLUMBING	
P1	PLUMBING SYSTEMS SHALL BE PROVIDED BY THE MODULAR BUILDING MANUFACTURER AND SHALL MEET ALL APPLICABLE LOCAL CODES AND GSA REQUIREMENTS.
P2	ALL PLUMBING TO CONFORM TO U.P.C. (2021 EDITION) AND HIGHEST STANDARDS OF THE TRADE. ALL WATER LINES TO BE COPPER OR PLASTIC AND ALL SEWER LINES TO BE MIN. SCH 40 PVC. GAS LINES SHALL BE BLACK IRON PER CODE. FIXTURES LOCATIONS SHALL BE INCLUDED IN SHOP DRAWINGS AND SHALL BE SPECIFIED AND INSTALLED BY MODULAR BUILDING MANUFACTURER. PLUMBING CONTRACTOR TO OBTAIN ALL NECESARY PERMITS. PLUMBER SHALL VERIFY LOCATION TO SEWER AND WATER MAINS AND MAKE SERVICE CONNECTIONS AS REQUIRED. BURIED WATER SERVICE TO BE HDPE PIPE.
P3	WINTERIZATION DRAIN LOCATED IN THE CRAWL SPACE AND DRAINED TO THE EXTERIOR OF THE MODULAR BUILDING PAST THE FOUNDATION WALL WITH AN EXTERIOR FROST FREE VALVE. ALL WATER PIPING TO BE DESIGNED FOR UNITS TO BE FULLY DRAINED FOR WINTERIZATION.
P4	ALL FAUCETS AND BARS TO BE SATIN NICKEL UNO. ALL TOILETS TO BE ELONGATED UNO. ALL KITCHEN SINKS TO BE UNDER-COUNTER MOUNTED STAINLLESS STEEL UNO.
P5	WATER HEATERS TO BE ELECTIC & A 50 GALLON MIN. FOR ALL TWO BEDROOM MODULES & A 66 GALLON MIN. FOR ALL THREE BEDROOM MODULES.
FIRE SUPPRESSION & DETECTION	
F1	FIRE SUPPRESSION SYSTEMS SHALL BE PROVIDED BY THE MODULAR BUILDING MANUFACTURER AND SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) AND NPS REFERENCE MANUAL 58 REQUIREMENTS.
F2	THE CONTRACTOR IS RESPONSIBLE FOR CONTRACTING AND COORDINATING FIRE ALARM AND SUPRESSION SUBS TO ENSURE COMPLIANCE WITH LATEST BUILDING CODE.
F3	FIRE SUPPRESSION SYSTEMS SHALL BE DESIGNED TO MEET NFPA 13D.
F4	SPRINKLERS MADE OF CROSS-LINKED POLYETHYLENE PIPE(PEX OR EQUAL) TO BE ALLOWED IN CEILINGS AS LONG AS ALL APPLICABLE CODES ARE MET.
F5	FIRE ALARM IS THE BE INSTALLED TO NFPA 72 AND NFPA 70 (NEC), AS 120V,9V SMOKE DETECTORS WITH A 120V EXTERIOR HORN STROBE; DETECTORS TO BE INTERCONNECTED.
F6	NICET II MIN. FOR THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS. NICET III MIN. FOR PROJECT OVERSIGHT NICET IV FOR SPRINKLER DESIGN.
F7	INTERIOR SPINKLER SYSTEM TO COMPLY WITH NFPA 13D STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS IN ONE- AND TWO- FAMILY DWELLING AND MANUFACTURED HOMES.
F8	SUBMIT FIRE SUPRESSION DESIGN FOR CO APPROVAL. FIRE SUPPRESSION DESIGN SHALL BE REVIEWED BY THE NPS REGIONAL STRUCTURAL FIRE...
F9	120 VOLT COMBO PHOTO ELECTRIC SMOKE/CARBON MONOZICE DETECTORS WITH BATTERY BACK UP, INTER-TIED SO THAT ACTIVATION OF A SINGLE DETECTOR CAUSES ALL DETECTORS TO GO INTO ALARM. ALL EQUIPMENT TO BE RATED TO MEET NFPA 72.
F10	FIRE EXTINGUISHER LOCATIONS TO BE PROVIDED PER IBC/IFC AND NFPA 10. EXTINGUISHERS WITHIN MODULAR UNITS BY MODULAR MANUFACTURER.

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A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY

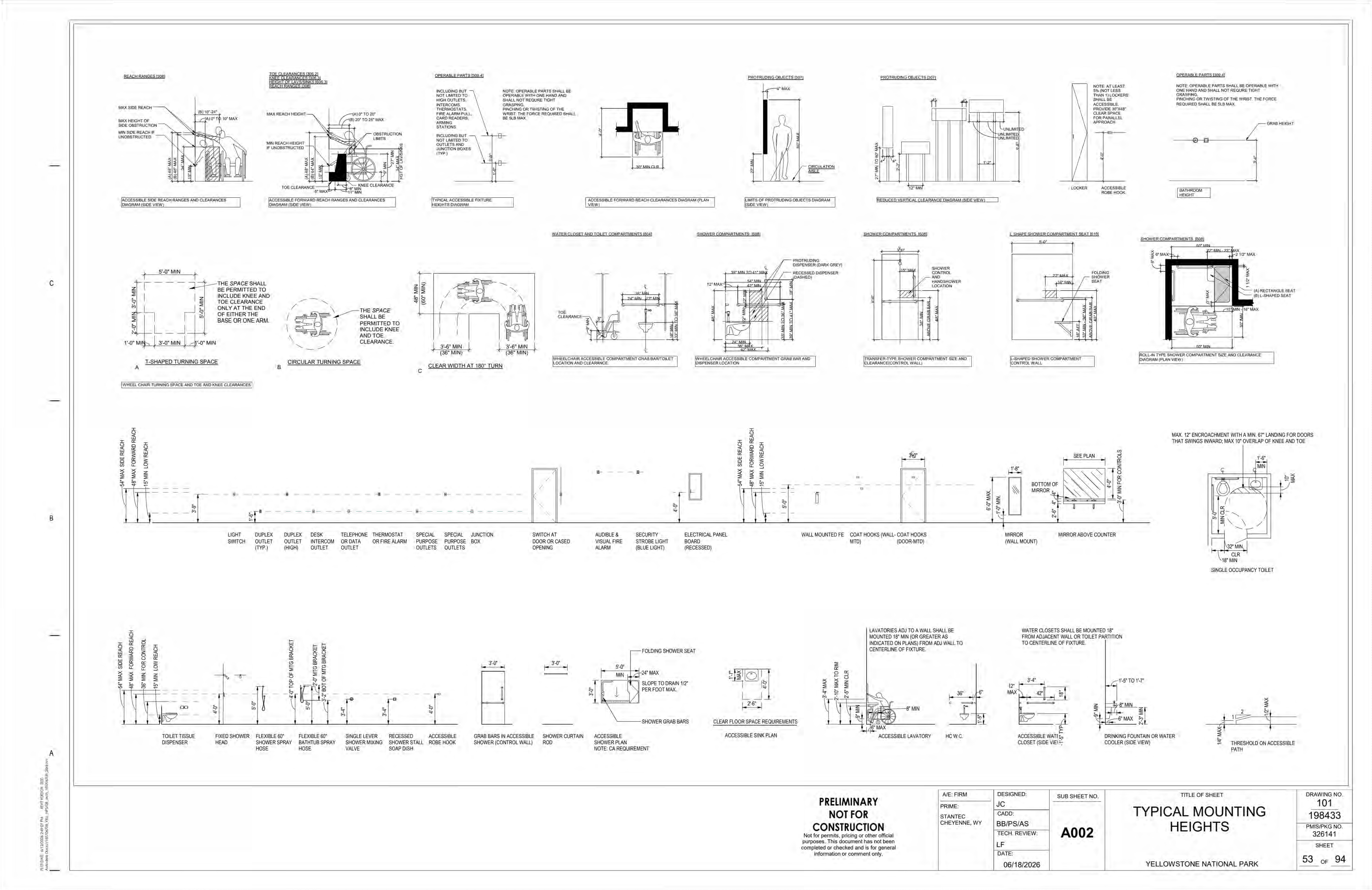
DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A001

TITLE OF SHEET
STANDARD ABBREVIATIONS, SYMBOLS, & NOTES
YELLOWSTONE NATIONAL PARK

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

IDENTICAL


T-SHAPED TURNING SPACE
CIRCULAR TURNING SPACE
CLEAR WIDTH AT 180° TURN
THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE ONLY AT THE END OF EITHER THE BASE OR ONE ARM.
THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE.
5'-0" MIN
SINGLE OCCUPANCY TOILET
ACCESSIBLE SINK PLAN
ACCESSIBLE LAVATORY
HC W.C.
ACCESSIBLE WATER CLOSET (SIDE VIEW)
DRINKING FOUNTAIN OR WATER COOLER (SIDE VIEW)
THRESHOLD ON ACCESSIBLE PATH

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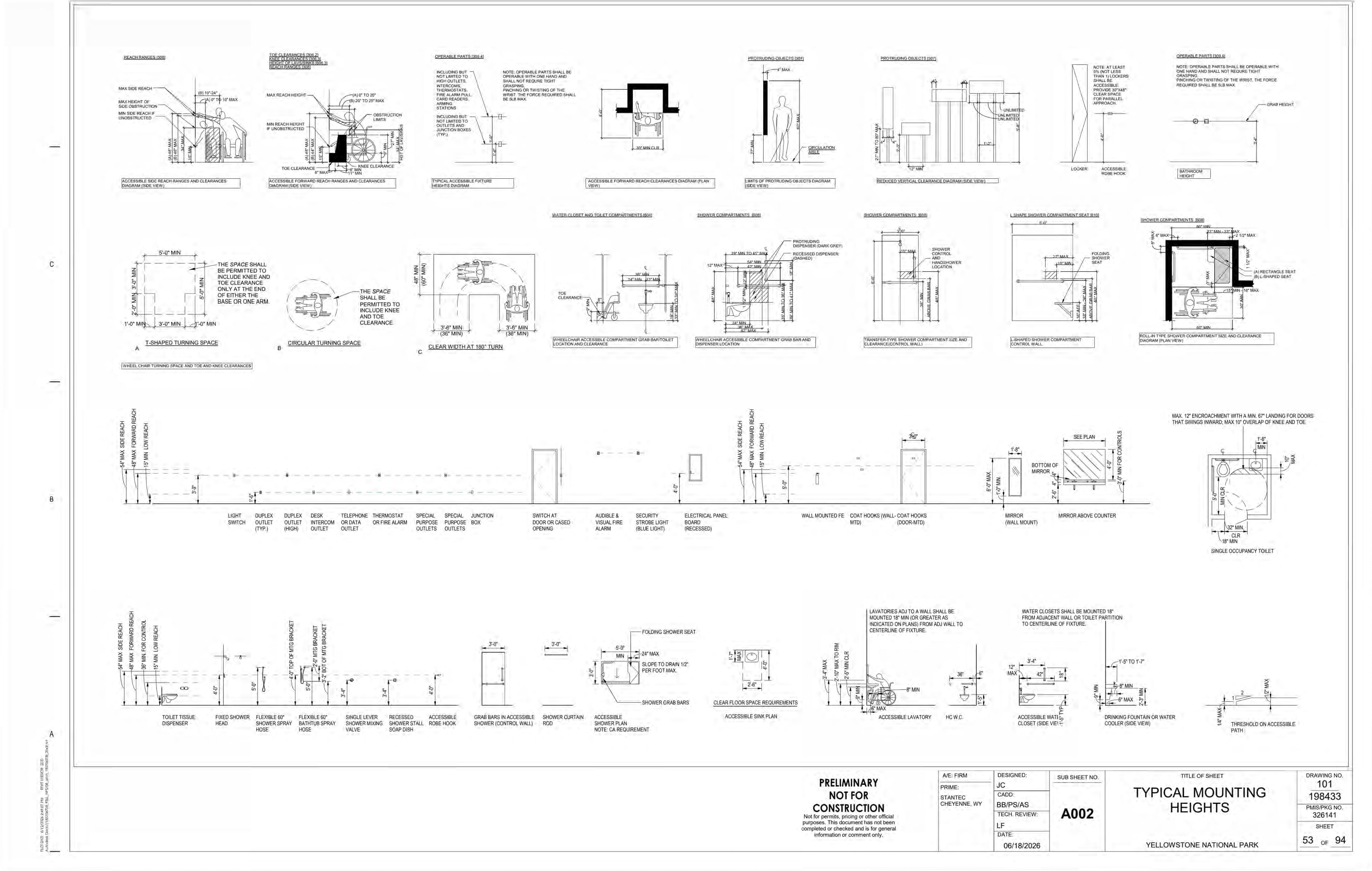
SUB SHEET NO.
A002

TITLE OF SHEET
TYPICAL MOUNTING HEIGHTS
YELLOWSTONE NATIONAL PARK

DRAWING NO.
101
198433
PMIS/PKG NO.
326141
SHEET
53 OF 94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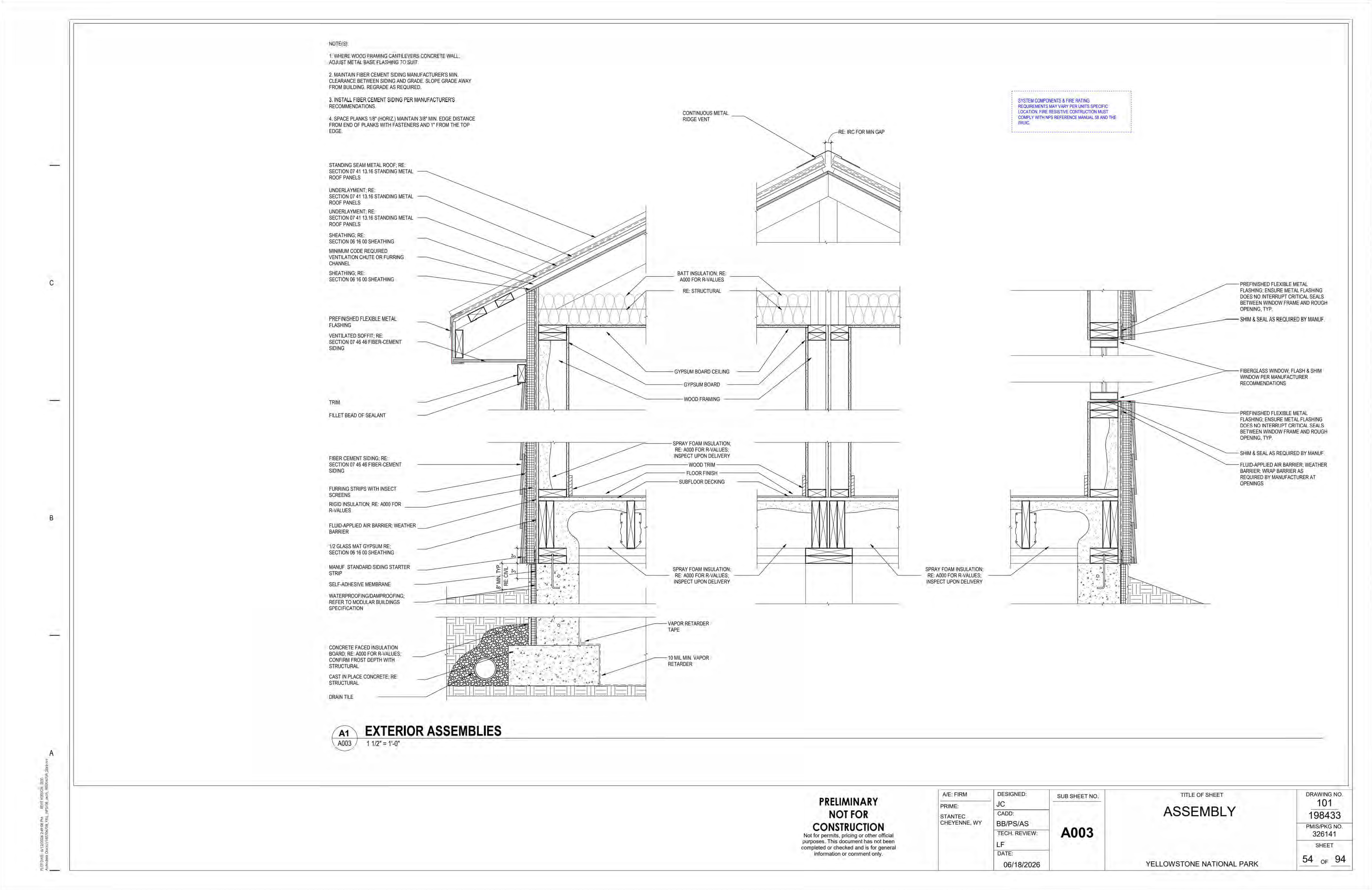
DATE: 06/18/2026
SUB SHEET NO.
A002
TITLE OF SHEET
TYPICAL MOUNTING HEIGHTS
YELLOWSTONE NATIONAL PARK
DRAWING NO.
101
198433
PMIS/PKG NO.
326141
SHEET
53 OF 94

IDENTICAL



CONTINUOUS METAL RIDGE VENT
RE: IRC FOR MIN GAP
STANDING SEAM METAL ROOF; RE: SECTION 07 41 13.16 STANDING METAL ROOF PANELS
UNDERLAYMENT; RE: SECTION 07 41 13.16 STANDING METAL ROOF PANELS
UNDERLAYMENT; RE: SECTION 07 41 13.16 STANDING METAL ROOF PANELS
SHEATHING; RE: SECTION 06 16 00 SHEATHING
MINIMUM CODE REQUIRED VENTILATION CHUTE OR FURRING CHANNEL
SHEATHING; RE: SECTION 06 16 00 SHEATHING
BATT INSULATION; RE: A000 FOR R-VALUES
RE: STRUCTURAL
PREFINISHED FLEXIBLE METAL FLASHING
VENTILATED SOFFIT; RE: SECTION 07 46 46 FIBER-CEMENT SIDING
GYPSUM BOARD CEILING
GYPSUM BOARD
WOOD FRAMING
TRIM
FILLET BEAD OF SEALANT
PREFINISHED FLEXIBLE METAL FLASHING; ENSURE METAL FLASHING DOES NO INTERRUPT CRITICAL SEALS BETWEEN WINDOW FRAME AND ROUGH OPENING, TYP.
SHIM & SEAL AS REQUIRED BY MANUF.
FIBERGLASS WINDOW; FLASH & SHIM WINDOW PER MANUFACTURER RECOMMENDATIONS
PREFINISHED FLEXIBLE METAL FLASHING; ENSURE METAL FLASHING DOES NO INTERRUPT CRITICAL SEALS BETWEEN WINDOW FRAME AND ROUGH OPENING, TYP.
SHIM & SEAL AS REQUIRED BY MANUF.
FLUID-APPLIED AIR BARRIER; WEATHER BARRIER; WRAP BARRIER AS REQUIRED BY MANUFACTURER AT OPENINGS
FIBER CEMENT SIDING; RE: SECTION 07 46 46 FIBER-CEMENT SIDING
SPRAY FOAM INSULATION; RE: A000 FOR R-VALUES; INSPECT UPON DELIVERY
WOOD TRIM
FLOOR FINISH
SUBFLOOR DECKING
FURRING STRIPS WITH INSECT SCREENS
RIGID INSULATION; RE: A000 FOR R-VALUES
FLUID-APPLIED AIR BARRIER; WEATHER BARRIER
1/2 GLASS MAT GYPSUM RE; SECTION 06 16 00 SHEATHING
MANUF. STANDARD SIDING STARTER STRIP
SELF-ADHESIVE MEMBRANE
WATERPROOFING/DAMPROOFING; REFER TO MODULAR BUILDINGS SPECIFICATION
SPRAY FOAM INSULATION; RE: A000 FOR R-VALUES; INSPECT UPON DELIVERY
SPRAY FOAM INSULATION; RE: A000 FOR R-VALUES; INSPECT UPON DELIVERY
VAPOR RETARDER TAPE
10 MIL MIN. VAPOR RETARDER
CONCRETE FACED INSULATION BOARD; RE: A000 FOR R-VALUES; CONFIRM FROST DEPTH WITH STRUCTURAL
CAST IN PLACE CONCRETE; RE: STRUCTURAL
DRAIN TILE
C
B
A

NOTE(S):

1. WHERE WOOD FRAMING CANTILEVERS CONCRETE WALL, ADJUST METAL BASE FLASHING TO SUIT.

2. MAINTAIN FIBER CEMENT SIDING MANUFACTURER'S MIN. CLEARANCE BETWEEN SIDING AND GRADE. SLOPE GRADE AWAY FROM BUILDING. REGRADE AS REQUIRED.

3. INSTALL FIBER CEMENT SIDING PER MANUFACTURER'S RECOMMENDATIONS.

4. SPACE PLANKS 1/8" (HORIZ.) MAINTAIN 3/8" MIN. EDGE DISTANCE FROM END OF PLANKS WITH FASTENERS AND 1" FROM THE TOP EDGE.

SYSTEM COMPONENTS & FIRE RATING REQUIREMENTS MAY VARY PER UNITS SPECIFIC LOCATION. FIRE RESISTIVE CONTRUCTION MUST COMPLY WITH NPS REFERENCE MANUAL 58 AND THE IWUIC.

A1
A003
EXTERIOR ASSEMBLIES
1 1/2" = 1'-0"

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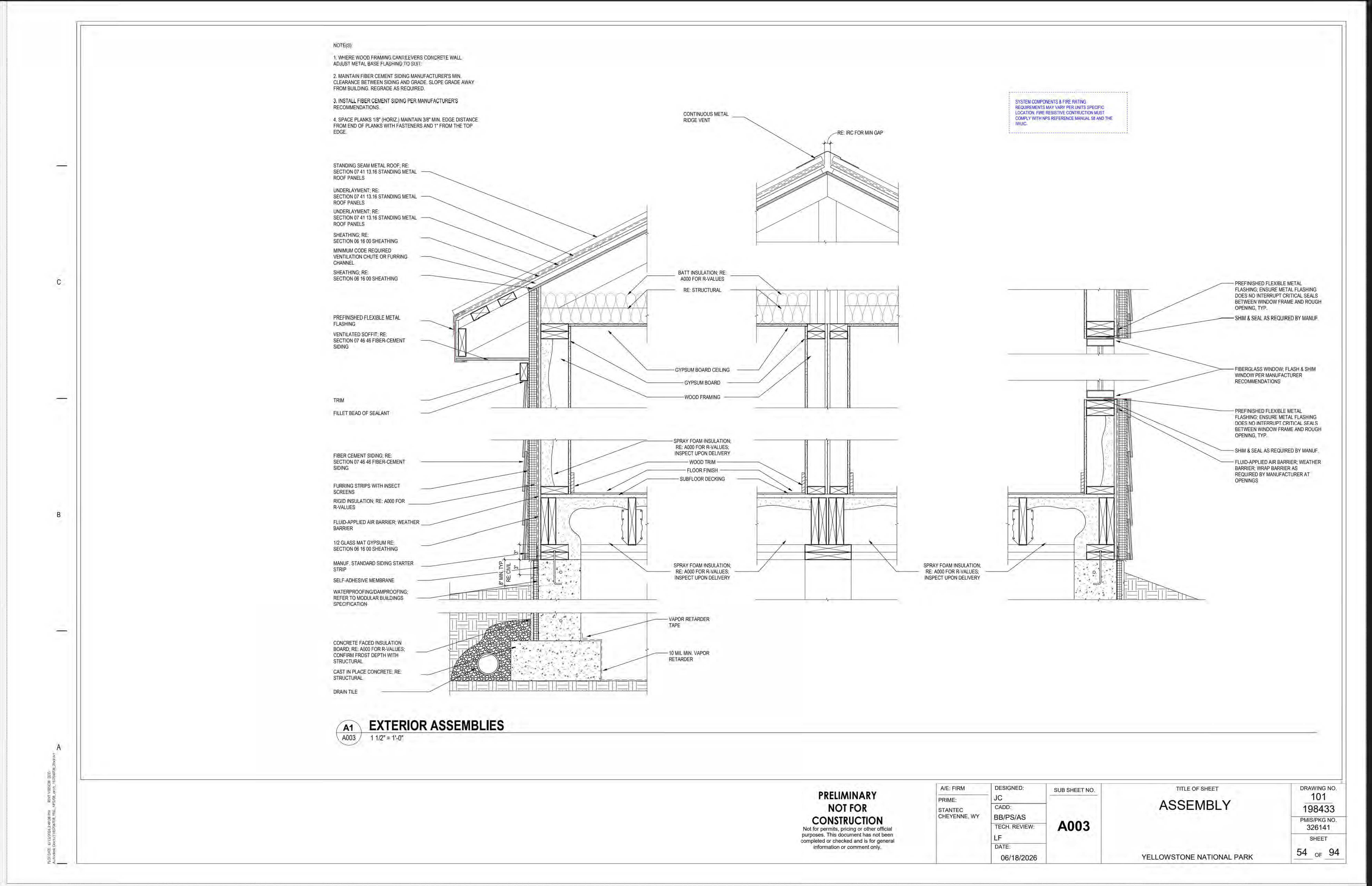
SUB SHEET NO.
A003

TITLE OF SHEET
ASSEMBLY
YELLOWSTONE NATIONAL PARK

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



NOTE(S):

1. WHERE WOOD FRAMING CANTILEVERS CONCRETE WALL, ADJUST METAL BASE FLASHING TO SUIT.

2. MAINTAIN FIBER CEMENT SIDING MANUFACTURER'S MIN. CLEARANCE BETWEEN SIDING AND GRADE. SLOPE GRADE AWAY FROM BUILDING. REGRADE AS REQUIRED.

3. INSTALL FIBER CEMENT SIDING PER MANUFACTURER'S RECOMMENDATIONS.

4. SPACE PLANKS 1/8" (HORIZ.) MAINTAIN 3/8" MIN. EDGE DISTANCE FROM END OF PLANKS WITH FASTENERS AND 1" FROM THE TOP EDGE.

SYSTEM COMPONENTS & FIRE RATING REQUIREMENTS MAY VARY PER UNITS SPECIFIC LOCATION. FIRE RESISTIVE CONTRUCTION MUST COMPLY WITH NPS REFERENCE MANUAL 58 AND THE IWUIC.

A1
A003
EXTERIOR ASSEMBLIES
1 1/2" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION
Not for permits, pricing or other official purposes. This document has not been completed or checked and is for general information or comment only.

A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY

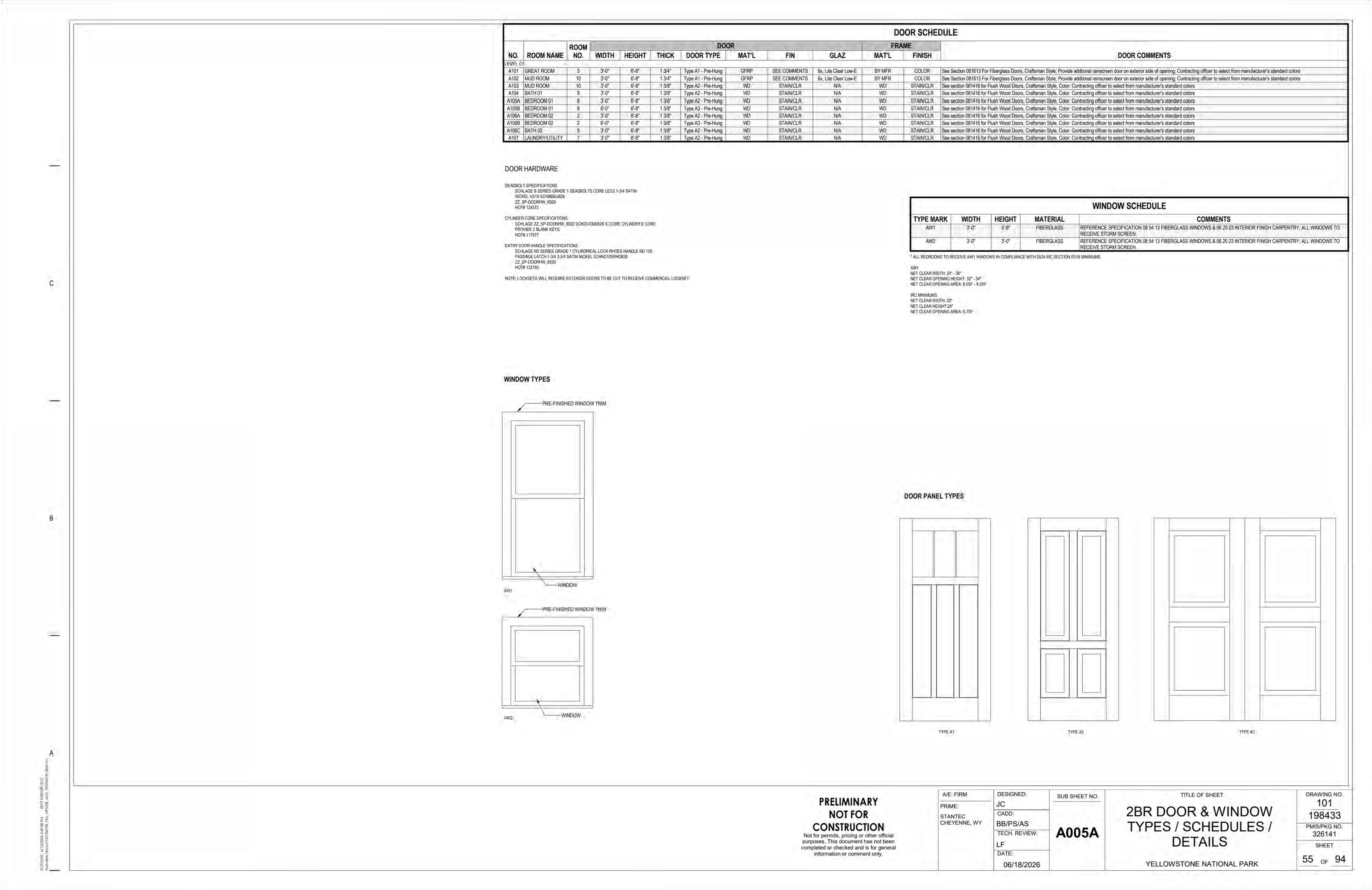
DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A003

TITLE OF SHEET
ASSEMBLY
YELLOWSTONE NATIONAL PARK

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

IDENTICAL



DOOR SCHEDULE

NO.	ROOM NAME	ROOM NO.	DOOR WIDTH	DOOR HEIGHT	DOOR THICK	DOOR TYPE	DOOR MAT'L	DOOR FIN	DOOR GLAZ	FRAME MAT'L	FRAME FINISH	DOOR COMMENTS
LEVEL 01												
A101	GREAT ROOM	3	3'-0"	6'-8"	1 3/4"	Type A1 - Pre-Hung	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
A102	MUD ROOM	10	3'-0"	6'-8"	1 3/4"	Type A1 - Pre-Hung	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
A103	MUD ROOM	10	3'-0"	6'-8"	1 3/8"	Type A2 - Pre-Hung	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
A104	BATH 01	9	3'-0"	6'-8"	1 3/8"	Type A2 - Pre-Hung	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
A105A	BEDROOM 01	8	3'-0"	6'-8"	1 3/8"	Type A2 - Pre-Hung	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
A105B	BEDROOM 01	8	6'-0"	6'-8"	1 3/8"	Type A3 - Pre-Hung	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
A106A	BEDROOM 02	2	3'-0"	6'-8"	1 3/8"	Type A2 - Pre-Hung	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
A106B	BEDROOM 02	2	6'-0"	6'-8"	1 3/8"	Type A3 - Pre-Hung	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
A106C	BATH 02	5	3'-0"	6'-8"	1 3/8"	Type A2 - Pre-Hung	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
A107	LAUNDRY/UTILITY	7	3'-0"	6'-8"	1 3/8"	Type A2 - Pre-Hung	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors

DOOR HARDWARE

DEADBOLT SPECIFICATIONS
SCHLAGE B SERIES GRADE 1 DEADBOLTS CORE LESS 1-3/4 SATIN
NICKEL US15 SCHB660J626
ZZ_SP-DOORHW_6929
HOT# 124572

CYLINDER CORE SPECIFICATIONS
SCHLAGE ZZ_SP-DOORHW_6932 SCH23-030E626 IC CORE CYLINDER E CORE
PROVIDE 2 BLANK KEYS
HOT# 117977

ENTRY DOOR HANDLE SPECIFICATIONS
SCHLAGE ND SERIES GRADE 1 CYLINDRICAL LOCK RHOES HANDLE ND 105
PASSAGE LATCH 1-3/4 2-3/4 SATIN NICKEL SCHND10SRHO626
ZZ_SP-DOORHW_6930
HOT# 133193

NOTE: LOCKSETS WILL REQUIRE EXTERIOR DOORS TO BE CUT TO RECEIVE COMMERCIAL LOCKSET

WINDOW SCHEDULE

TYPE MARK	WIDTH	HEIGHT	MATERIAL	COMMENTS
AW1	3'-0"	5'-6"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREEN.
AW2	3'-0"	3'-0"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREEN.

† ALL BEDROOMS TO RECEIVE AW1 WINDOWS IN COMPLIANCE WITH 2024 IRC SECTION R319 MINIMUMS.

AW1
NET CLEAR WIDTH: 34" - 36"
NET CLEAR OPENING HEIGHT: 32" - 34"
NET CLEAR OPENING AREA: 8.0SF - 8.5SF

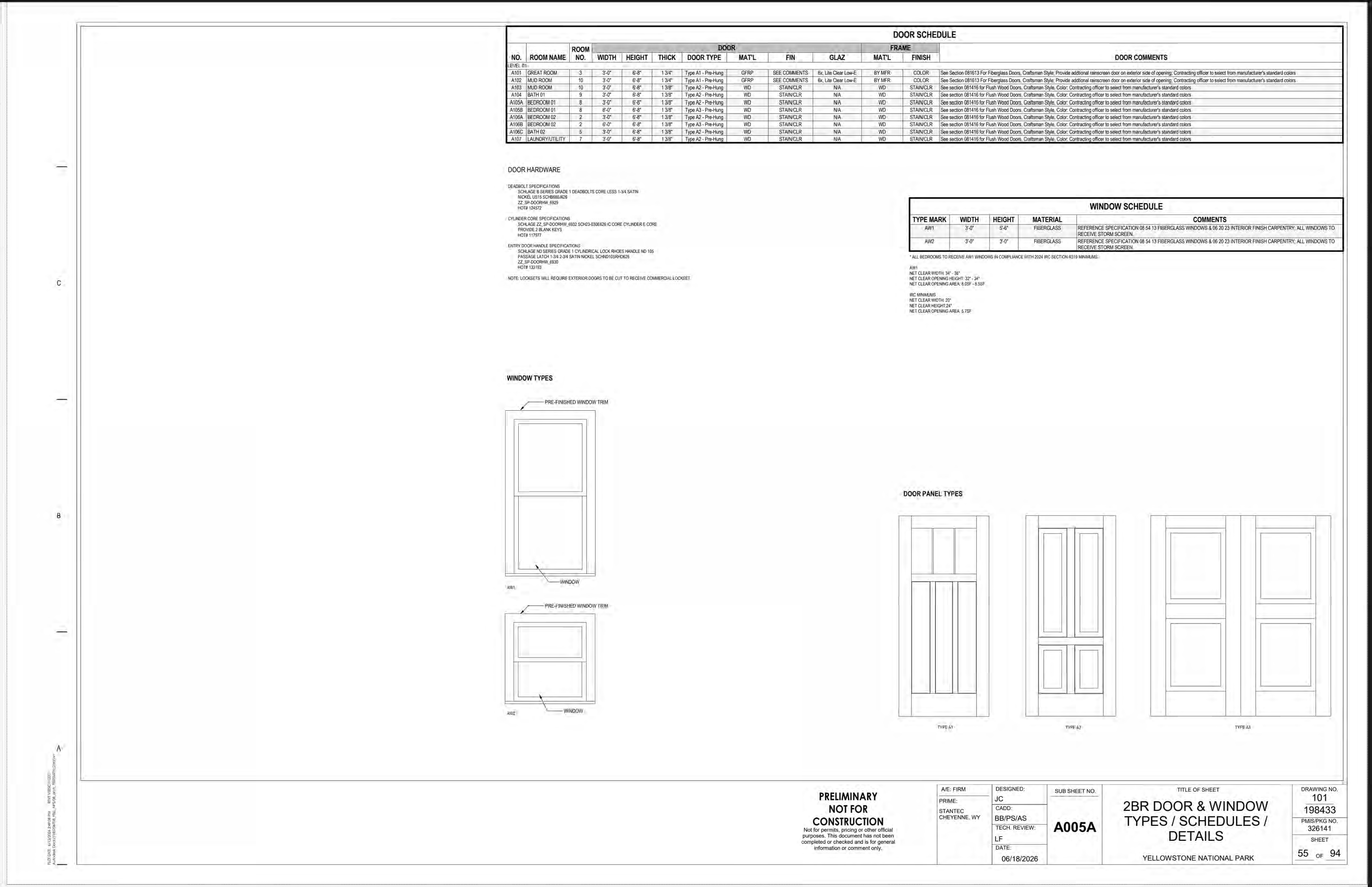
IRC MINIMUMS
NET CLEAR WIDTH: 20"
NET CLEAR HEIGHT:24"
NET CLEAR OPENING AREA: 5.7SF

WINDOW TYPES

DOOR PANEL TYPES

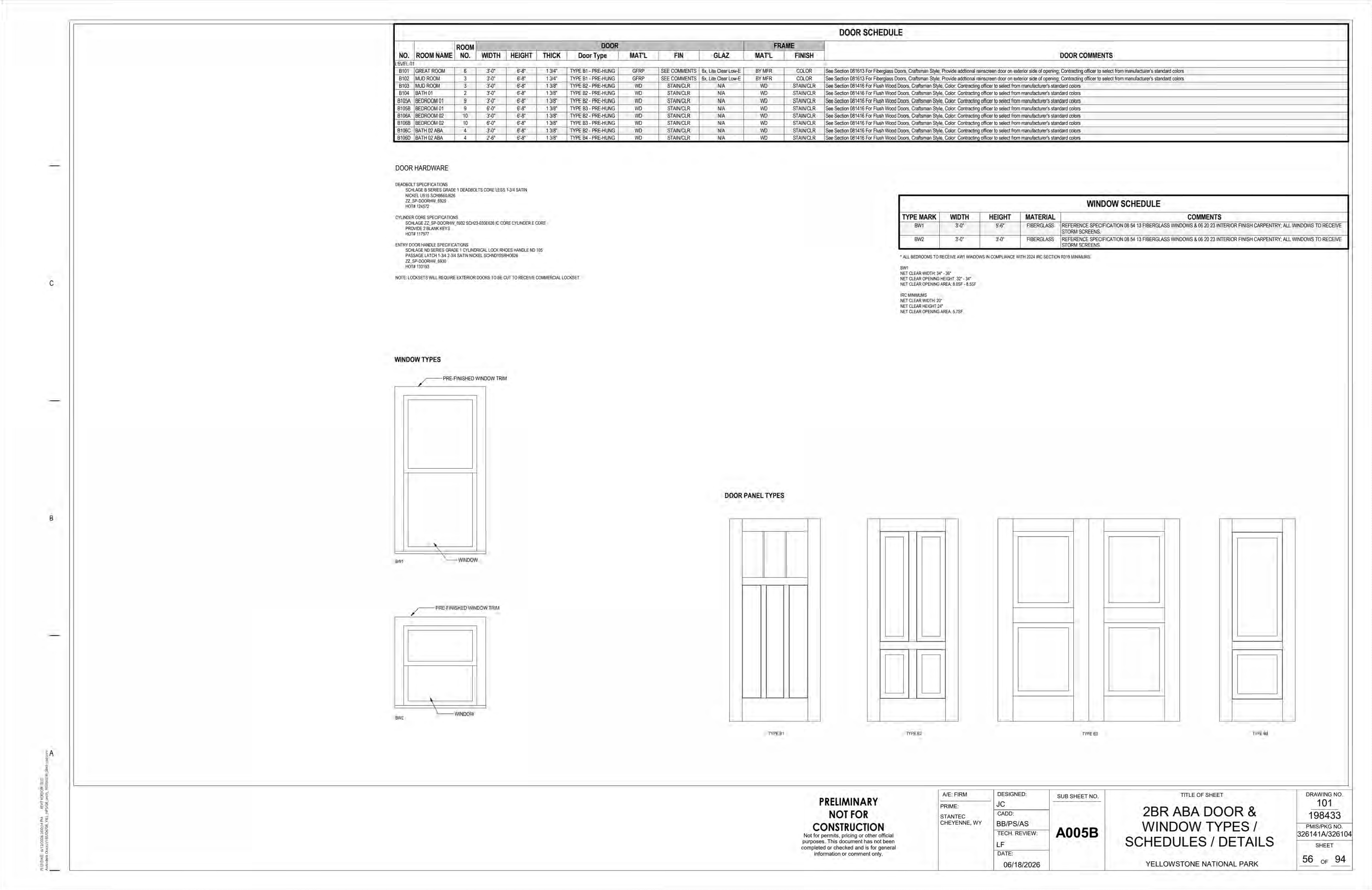
PRELIMINARY
NOT FOR
CONSTRUCTION
Not for permits, pricing or other official purposes. This document has not been completed or checked and is for general information or comment only.

A/E: FIRM	
PRIME:	STANTEC CHEYENNE, WY
DESIGNED:	JC
CADD:	BB/PS/AS
TECH. REVIEW:	LF
DATE:	06/18/2026
SUB SHEET NO.	A005A
TITLE OF SHEET	2BR DOOR & WINDOW TYPES / SCHEDULES / DETAILS YELLOWSTONE NATIONAL PARK
DRAWING NO.	101 198433
PMIS/PKG NO.	326141
SHEET	55 OF 94



DOOR SCHEDULE
NO. | ROOM NAME | ROOM NO. | WIDTH | HEIGHT | THICK | DOOR TYPE | MAT'L | FIN | GLAZ | MAT'L | FINISH | DOOR COMMENTS
A101 GREAT ROOM 3 3'-0" 6'-8" 1 3/4" Type A1 - Pre-Hung GFRP SEE COMMENTS 6x, Lite Clear Low-E BY MFR COLOR
A102 MUD ROOM 10 3'-0" 6'-8" 1 3/4" Type A1 - Pre-Hung GFRP SEE COMMENTS 6x, Lite Clear Low-E BY MFR COLOR
A103 MUD ROOM 10 3'-0" 6'-8" 1 3/8" Type A2 - Pre-Hung WD STAIN/CLR N/A WD STAIN/CLR
A104 BATH 01 9 3'-0" 6'-8" 1 3/8" Type A2 - Pre-Hung WD STAIN/CLR N/A WD STAIN/CLR
A105A BEDROOM 01 8 3'-0" 6'-8" 1 3/8" Type A2 - Pre-Hung WD STAIN/CLR N/A WD STAIN/CLR
A105B BEDROOM 01 8 6'-0" 6'-8" 1 3/8" Type A3 - Pre-Hung WD STAIN/CLR N/A WD STAIN/CLR
A106A BEDROOM 02 2 3'-0" 6'-8" 1 3/8" Type A2 - Pre-Hung WD STAIN/CLR N/A WD STAIN/CLR
A106B BEDROOM 02 2 6'-0" 6'-8" 1 3/8" Type A3 - Pre-Hung WD STAIN/CLR N/A WD STAIN/CLR
A106C BATH 02 5 3'-0" 6'-8" 1 3/8" Type A2 - Pre-Hung WD STAIN/CLR N/A WD STAIN/CLR
A107 LAUNDRY/UTILITY 7 3'-0" 6'-8" 1 3/8" Type A2 - Pre-Hung WD STAIN/CLR N/A WD STAIN/CLR
DOOR HARDWARE
WINDOW SCHEDULE
AW1 3'-0" 5'-6" FIBERGLASS
AW2 3'-0" 3'-0" FIBERGLASS
WINDOW TYPES
DOOR PANEL TYPES
PRELIMINARY NOT FOR CONSTRUCTION
A005A
2BR DOOR & WINDOW TYPES / SCHEDULES / DETAILS
YELLOWSTONE NATIONAL PARK
101 198433 326141 55 OF 94

IDENTICAL



DOOR SCHEDULE

NO.	ROOM NAME	ROOM NO.	DOOR WIDTH	DOOR HEIGHT	DOOR THICK	DOOR Door Type	DOOR MAT'L	DOOR FIN	DOOR GLAZ	FRAME MAT'L	FRAME FINISH	DOOR COMMENTS
LEVEL 01												
B101	GREAT ROOM	6	3'-0"	6'-8"	1 3/4"	TYPE B1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
B102	MUD ROOM	3	3'-0"	6'-8"	1 3/4"	TYPE B1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
B103	MUD ROOM	3	3'-0"	6'-8"	1 3/8"	TYPE B2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B104	BATH 01	2	3'-0"	6'-8"	1 3/8"	TYPE B2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B105A	BEDROOM 01	9	3'-0"	6'-8"	1 3/8"	TYPE B2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B105B	BEDROOM 01	9	6'-0"	6'-8"	1 3/8"	TYPE B3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B106A	BEDROOM 02	10	3'-0"	6'-8"	1 3/8"	TYPE B2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B106B	BEDROOM 02	10	6'-0"	6'-8"	1 3/8"	TYPE B3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B106C	BATH 02 ABA	4	3'-0"	6'-8"	1 3/8"	TYPE B2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B106D	BATH 02 ABA	4	2'-6"	6'-8"	1 3/8"	TYPE B4 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors

DOOR HARDWARE

DEADBOLT SPECIFICATIONS
SCHLAGE B SERIES GRADE 1 DEADBOLTS CORE LESS 1-3/4 SATIN
NICKEL US15 SCHB660J626
ZZ_SP-DOORHW_6929
HOT# 124572

CYLINDER CORE SPECIFICATIONS
SCHLAGE ZZ_SP-DOORHW_6932 SCH23-030E626 IC CORE CYLINDER E CORE
PROVIDE 2 BLANK KEYS
HOT# 117977

ENTRY DOOR HANDLE SPECIFICATIONS
SCHLAGE ND SERIES GRADE 1 CYLINDRICAL LOCK RHOES HANDLE ND 105
PASSAGE LATCH 1-3/4 2-3/4 SATIN NICKEL SCHND10SRHO626
ZZ_SP-DOORHW_6930
HOT# 133193

NOTE: LOCKSETS WILL REQUIRE EXTERIOR DOORS TO BE CUT TO RECEIVE COMMERCIAL LOCKSET

WINDOW SCHEDULE

TYPE MARK	WIDTH	HEIGHT	MATERIAL	COMMENTS
BW1	3'-0"	5'-6"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
BW2	3'-0"	3'-0"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.

* ALL BEDROOMS TO RECEIVE AW1 WINDOWS IN COMPLIANCE WITH 2024 IRC SECTION R319 MINIMUMS.

BW1
NET CLEAR WIDTH: 34" - 36"
NET CLEAR OPENING HEIGHT: 32" - 34"
NET CLEAR OPENING AREA: 8.0SF - 8.5SF

IRC MINIMUMS
NET CLEAR WIDTH: 20"
NET CLEAR HEIGHT:24"
NET CLEAR OPENING AREA: 5.7SF

WINDOW TYPES

DOOR PANEL TYPES

PRELIMINARY
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CONSTRUCTION
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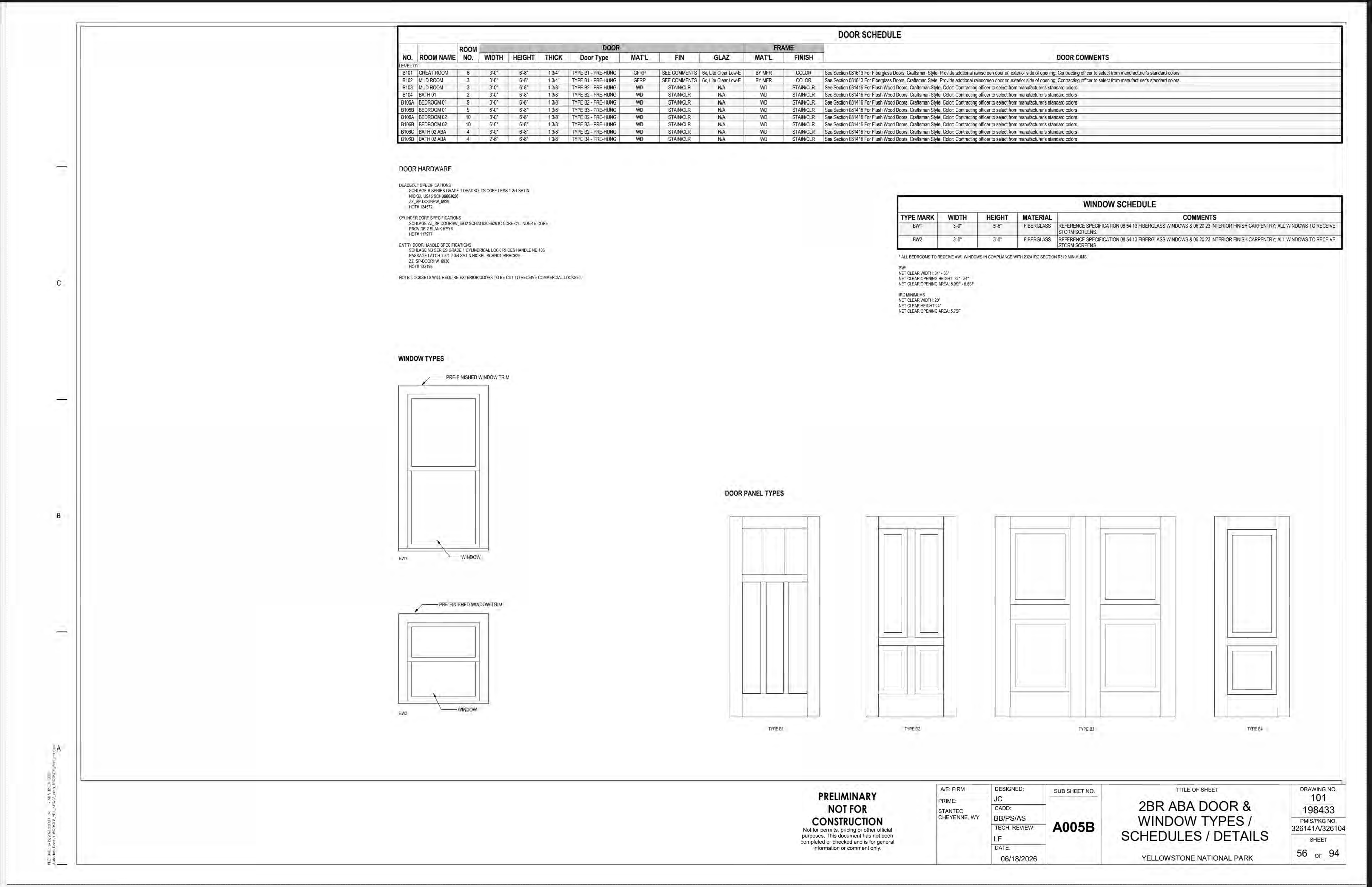
A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A005B

TITLE OF SHEET
2BR ABA DOOR &
WINDOW TYPES /
SCHEDULES / DETAILS
YELLOWSTONE NATIONAL PARK

DRAWING NO.
101
198433
PMIS/PKG NO.
326141A/326104
SHEET
56 OF 94



DOOR SCHEDULE

NO.	ROOM NAME	ROOM NO.	DOOR WIDTH	DOOR HEIGHT	DOOR THICK	DOOR Door Type	DOOR MAT'L	DOOR FIN	DOOR GLAZ	FRAME MAT'L	FRAME FINISH	DOOR COMMENTS
LEVEL 01												
B101	GREAT ROOM	6	3'-0"	6'-8"	1 3/4"	TYPE B1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
B102	MUD ROOM	3	3'-0"	6'-8"	1 3/4"	TYPE B1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
B103	MUD ROOM	3	3'-0"	6'-8"	1 3/8"	TYPE B2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B104	BATH 01	2	3'-0"	6'-8"	1 3/8"	TYPE B2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B105A	BEDROOM 01	9	3'-0"	6'-8"	1 3/8"	TYPE B2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B105B	BEDROOM 01	9	6'-0"	6'-8"	1 3/8"	TYPE B3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B106A	BEDROOM 02	10	3'-0"	6'-8"	1 3/8"	TYPE B2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B106B	BEDROOM 02	10	6'-0"	6'-8"	1 3/8"	TYPE B3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B106C	BATH 02 ABA	4	3'-0"	6'-8"	1 3/8"	TYPE B2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
B106D	BATH 02 ABA	4	2'-6"	6'-8"	1 3/8"	TYPE B4 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See Section 081416 For Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors

DOOR HARDWARE

DEADBOLT SPECIFICATIONS
SCHLAGE B SERIES GRADE 1 DEADBOLTS CORE LESS 1-3/4 SATIN
NICKEL US15 SCHB660J626
ZZ_SP-DOORHW_6929
HOT# 124572

CYLINDER CORE SPECIFICATIONS
SCHLAGE ZZ_SP-DOORHW_6932 SCH23-030E626 IC CORE CYLINDER E CORE
PROVIDE 2 BLANK KEYS
HOT# 117977

ENTRY DOOR HANDLE SPECIFICATIONS
SCHLAGE ND SERIES GRADE 1 CYLINDRICAL LOCK RHOES HANDLE ND 105
PASSAGE LATCH 1-3/4 2-3/4 SATIN NICKEL SCHND10SRHO626
ZZ_SP-DOORHW_6930
HOT# 133193

NOTE: LOCKSETS WILL REQUIRE EXTERIOR DOORS TO BE CUT TO RECEIVE COMMERCIAL LOCKSET

WINDOW SCHEDULE

TYPE MARK	WIDTH	HEIGHT	MATERIAL	COMMENTS
BW1	3'-0"	5'-6"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
BW2	3'-0"	3'-0"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.

* ALL BEDROOMS TO RECEIVE AW1 WINDOWS IN COMPLIANCE WITH 2024 IRC SECTION R319 MINIMUMS.

BW1
NET CLEAR WIDTH: 34" - 36"
NET CLEAR OPENING HEIGHT: 32" - 34"
NET CLEAR OPENING AREA: 8.0SF - 8.5SF

IRC MINIMUMS
NET CLEAR WIDTH: 20"
NET CLEAR HEIGHT:24"
NET CLEAR OPENING AREA: 5.7SF

WINDOW TYPES

DOOR PANEL TYPES

PRELIMINARY
NOT FOR
CONSTRUCTION
Not for permits, pricing or other official purposes. This document has not been completed or checked and is for general information or comment only.

A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A005B

TITLE OF SHEET
2BR ABA DOOR &
WINDOW TYPES /
SCHEDULES / DETAILS
YELLOWSTONE NATIONAL PARK

DRAWING NO.
101
198433
PMIS/PKG NO.
326141A/326104
SHEET
56 OF 94

IDENTICAL

DOOR SCHEDULE

NO.	ROOM NAME	ROOM NO.	DOOR							FRAME		DOOR COMMENTS
			WIDTH	HEIGHT	THICK	TYPE	MAT'L	FIN	GLAZ	MAT'L	FINISH	
LEVEL 01												
C101A	FOYER	1	3'-0"	6'-8"	1 3/4"	TYPE C1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
C101B	FOYER	1	2'-8"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C103	HALL	3	4'-0"	6'-8"	1 3/8"	TYPE C3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C104A	BEDROOM 02	4	2'-8"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C104B	BEDROOM 02	4	4'-0"	6'-8"	1 3/8"	TYPE C3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C106A	LAUNDRY	6	3'-0"	6'-8"	1 3/4"	TYPE C1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; 60 Min Fire. Solid core door, code-compliant hardware, including gasketing, spring hinge / self-closing; Contracting officer to select from manufacturer's standard colors, Spring Hinge, Seals
C106B	LAUNDRY	6	2'-8"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C107A	BEDROOM 03	7	2'-8"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C107B	BEDROOM 03	7	4'-0"	6'-8"	1 3/8"	TYPE C3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C108	BATH 02	8	2'-8"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C109	DINING	9	3'-0"	6'-8"	1 3/4"	TYPE C1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
C111A	BEDROOM 1	11	2'-8"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C111B	BEDROOM 1	11	3'-0"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	Barn Door, Color: Contracting officer to select from manufacturer's standard colors
C113	BATH 01	13	2'-6"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D114	GARAGE	14	3'-0"	6'-8"	1 3/4"	TYPE C1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors

DOOR HARDWARE

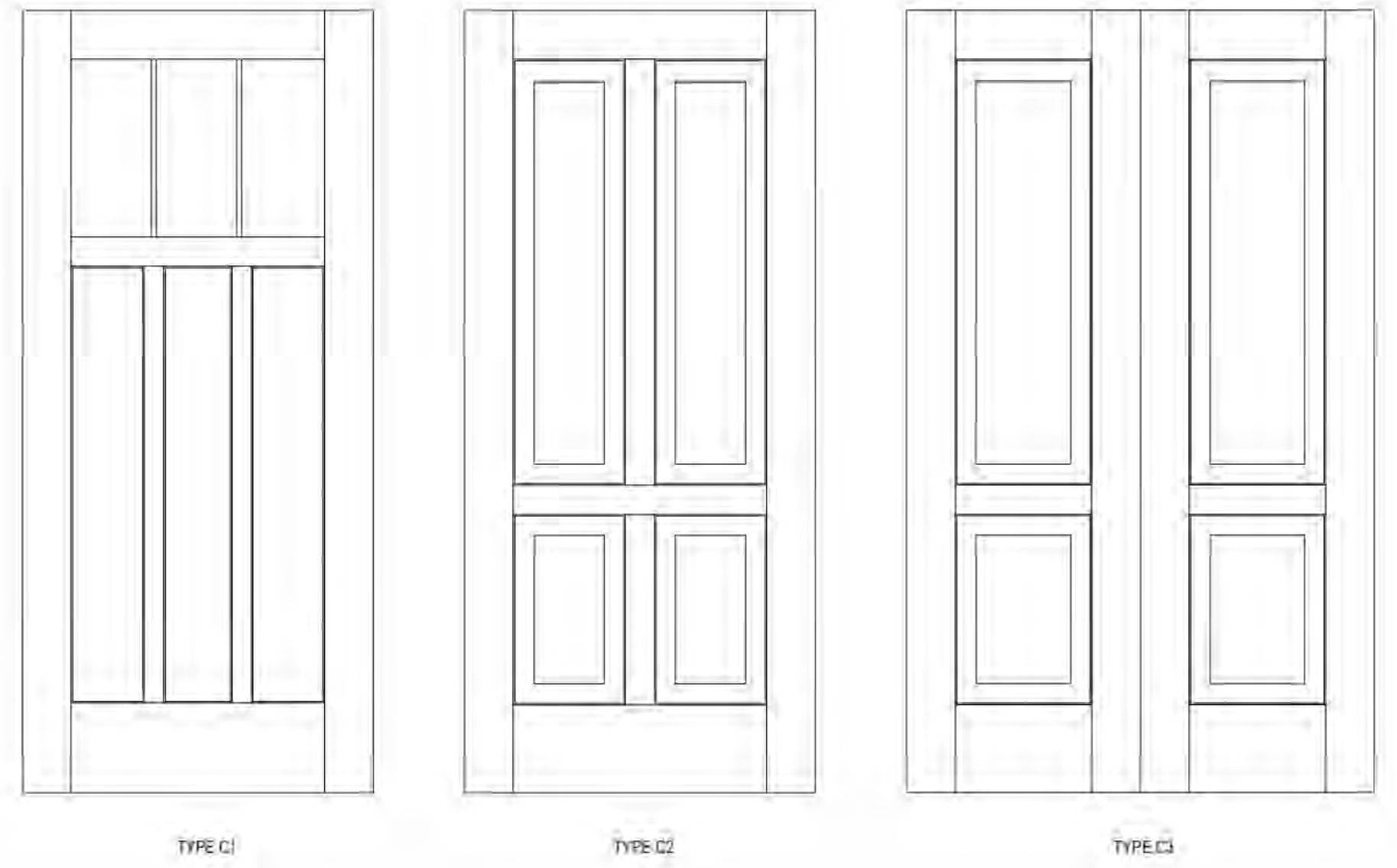
DEADBOLT SPECIFICATIONS
SCHLAGE B SERIES GRADE 1 DEADBOLTS CORE LESS 1-3/4 SATIN
NICKEL US15 SCHB660J626
ZZ_SP-DOORHW_6929
HOT# 124572

CYLINDER CORE SPECIFICATIONS
SCHLAGE ZZ_SP-DOORHW_6932 SCH23-030E626 IC CORE CYLINDER E CORE
PROVIDE 2 BLANK KEYS
HOT# 117977

ENTRY DOOR HANDLE SPECIFICATIONS
SCHLAGE ND SERIES GRADE 1 CYLINDRICAL LOCK RHOES HANDLE ND 105
PASSAGE LATCH 1-3/4 2-3/4 SATIN NICKEL SCHND10SRHO626
ZZ_SP-DOORHW_6930
HOT# 133193

NOTE: LOCKSETS WILL REQUIRE EXTERIOR DOORS TO BE CUT TO RECEIVE COMMERCIAL LOCKSET.

DOOR PANEL TYPES



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A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A005C

TITLE OF SHEET
3BR DOOR TYPES /
SCHEDULES / DETAILS
YELLOWSTONE NATIONAL PARK

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

DOOR SCHEDULE

NO. | ROOM NAME | ROOM NO. | WIDTH | HEIGHT | THICK | TYPE | MAT'L | FIN | GLAZ | MAT'L | FINISH | DOOR COMMENTS
LEVEL 01
C101A FOYER 1 3'-0" 6'-8" 1 3/4" TYPE C1 - PRE-HUNG GFRP SEE COMMENTS 6x, Lite Clear Low-E BY MFR COLOR See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
C101B FOYER 1 2'-8" 6'-8" 1 3/8" TYPE C2 - PRE-HUNG WD STAIN/CLR N/A WD STAIN/CLR See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C103 HALL 3 4'-0" 6'-8" 1 3/8" TYPE C3 - PRE-HUNG WD STAIN/CLR N/A WD STAIN/CLR See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C104A BEDROOM 02 4 2'-8" 6'-8" 1 3/8" TYPE C2 - PRE-HUNG WD STAIN/CLR N/A WD STAIN/CLR See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C104B BEDROOM 02 4 4'-0" 6'-8" 1 3/8" TYPE C3 - PRE-HUNG WD STAIN/CLR N/A WD STAIN/CLR See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C106A LAUNDRY 6 3'-0" 6'-8" 1 3/4" TYPE C1 - PRE-HUNG GFRP SEE COMMENTS 6x, Lite Clear Low-E BY MFR COLOR See Section 081613 For Fiberglass Doors, Craftsman Style; 60 Min Fire. Solid core door, code-compliant hardware, including gasketing, spring hinge / self-closing; Contracting officer to select from manufacturer's standard colors, Spring Hinge, Seals
C106B LAUNDRY 6 2'-8" 6'-8" 1 3/8" TYPE C2 - PRE-HUNG WD STAIN/CLR N/A WD STAIN/CLR See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C107A BEDROOM 03 7 2'-8" 6'-8" 1 3/8" TYPE C2 - PRE-HUNG WD STAIN/CLR N/A WD STAIN/CLR See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C107B BEDROOM 03 7 4'-0" 6'-8" 1 3/8" TYPE C3 - PRE-HUNG WD STAIN/CLR N/A WD STAIN/CLR See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C108 BATH 02 8 2'-8" 6'-8" 1 3/8" TYPE C2 - PRE-HUNG WD STAIN/CLR N/A WD STAIN/CLR See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C109 DINING 9 3'-0" 6'-8" 1 3/4" TYPE C1 - PRE-HUNG GFRP SEE COMMENTS 6x, Lite Clear Low-E BY MFR COLOR See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
C111A BEDROOM 1 11 2'-8" 6'-8" 1 3/8" TYPE C2 - PRE-HUNG WD STAIN/CLR N/A WD STAIN/CLR See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
C111B BEDROOM 1 11 3'-0" 6'-8" 1 3/8" TYPE C2 - PRE-HUNG WD STAIN/CLR N/A WD STAIN/CLR Barn Door, Color: Contracting officer to select from manufacturer's standard colors
C113 BATH 01 13 2'-6" 6'-8" 1 3/8" TYPE C2 - PRE-HUNG WD STAIN/CLR N/A WD STAIN/CLR See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D114 GARAGE 14 3'-0" 6'-8" 1 3/4" TYPE C1 - PRE-HUNG GFRP SEE COMMENTS 6x, Lite Clear Low-E BY MFR COLOR See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors

DOOR HARDWARE

DEADBOLT SPECIFICATIONS
SCHLAGE B SERIES GRADE 1 DEADBOLTS CORE LESS 1-3/4 SATIN
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CYLINDER CORE SPECIFICATIONS
SCHLAGE ZZ_SP-DOORHW_6932 SCH23-030E626 IC CORE CYLINDER E CORE
PROVIDE 2 BLANK KEYS
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SCHLAGE ND SERIES GRADE 1 CYLINDRICAL LOCK RHOES HANDLE ND 105
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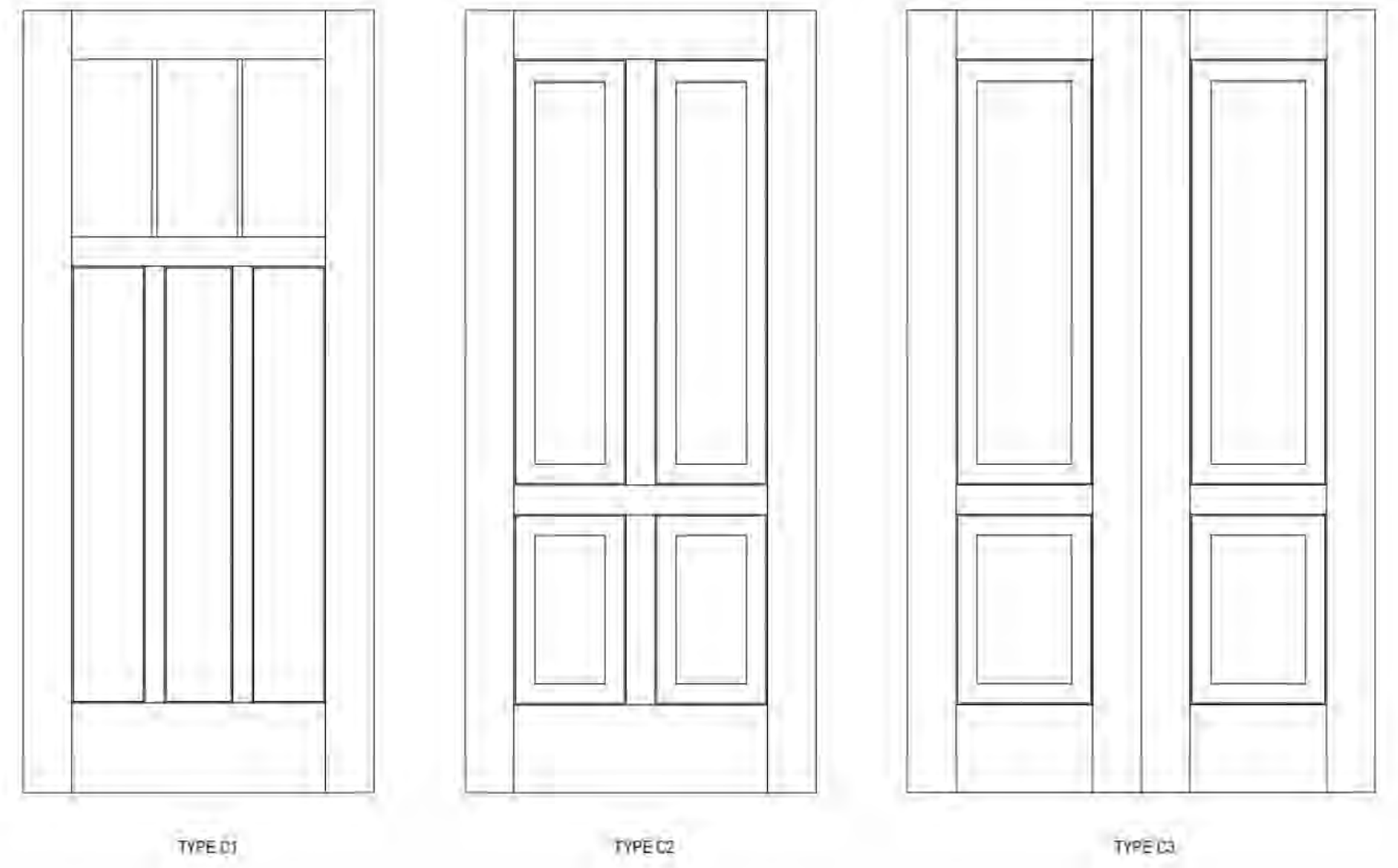
ZZ_SP-DOORHW_6930
HOT# 133193

NOTE: LOCKSETS WILL REQUIRE EXTERIOR DOORS TO BE CUT TO RECEIVE COMMERCIAL LOCKSET.

DOOR PANEL TYPES



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3BR DOOR TYPES /
SCHEDULES / DETAILS
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DRAWING NO.
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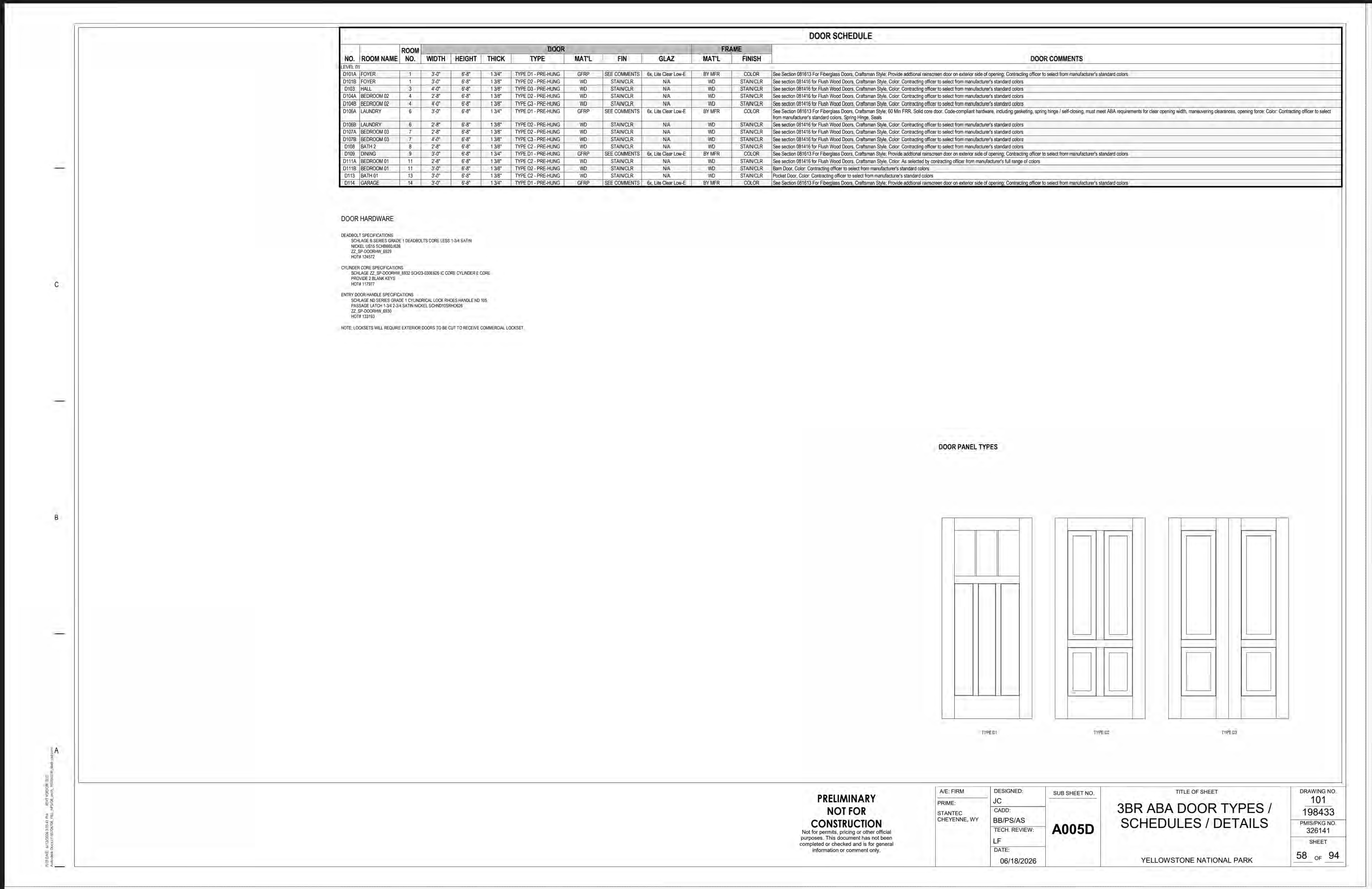
198433
PMIS/PKG NO.
326141
SHEET
57 OF 94

IDENTICAL



DOOR SCHEDULE

NO.	ROOM NAME	ROOM NO.	DOOR							FRAME		DOOR COMMENTS
			WIDTH	HEIGHT	THICK	TYPE	MAT'L	FIN	GLAZ	MAT'L	FINISH	
LEVEL 01												
D101A	FOYER	1	3'-0"	6'-8"	1 3/4"	TYPE D1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
D101B	FOYER	1	3'-0"	6'-8"	1 3/8"	TYPE D2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D103	HALL	3	4'-0"	6'-8"	1 3/8"	TYPE D3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D104A	BEDROOM 02	4	2'-8"	6'-8"	1 3/8"	TYPE D2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D104B	BEDROOM 02	4	4'-0"	6'-8"	1 3/8"	TYPE C3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D106A	LAUNDRY	6	3'-0"	6'-8"	1 3/4"	TYPE D1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; 60 Min FRR. Solid core door. Code-compliant hardware, including gasketing, spring hinge / self-closing, must meet ABA requirements for clear opening width, maneuvering clearances, opening force: Color: Contracting officer to select from manufacturer's standard colors, Spring Hinge, Seals
D106B	LAUNDRY	6	2'-8"	6'-8"	1 3/8"	TYPE D2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D107A	BEDROOM 03	7	2'-8"	6'-8"	1 3/8"	TYPE D2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D107B	BEDROOM 03	7	4'-0"	6'-8"	1 3/8"	TYPE C3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D108	BATH 2	8	2'-8"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D109	DINING	9	3'-0"	6'-8"	1 3/4"	TYPE D1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
D111A	BEDROOM 01	11	2'-8"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: As selected by contracting officer from manufacturer's full range of colors
D111B	BEDROOM 01	11	3'-0"	6'-8"	1 3/8"	TYPE D2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	Barn Door, Color: Contracting officer to select from manufacturer's standard colors
D113	BATH 01	13	3'-0"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	Pocket Door, Color: Contracting officer to select from manufacturer's standard colors
D114	GARAGE	14	3'-0"	6'-8"	1 3/4"	TYPE D1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors

DOOR HARDWARE

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SCHLAGE B SERIES GRADE 1 DEADBOLTS CORE LESS 1-3/4 SATIN
NICKEL US15 SCHB660J626
ZZ_SP-DOORHW_6929
HOT# 124572

CYLINDER CORE SPECIFICATIONS
SCHLAGE ZZ_SP-DOORHW_6932 SCH23-030E626 IC CORE CYLINDER E CORE
PROVIDE 2 BLANK KEYS
HOT# 117977

ENTRY DOOR HANDLE SPECIFICATIONS
SCHLAGE ND SERIES GRADE 1 CYLINDRICAL LOCK RHOES HANDLE ND 105
PASSAGE LATCH 1-3/4 2-3/4 SATIN NICKEL SCHND10SRHO626
ZZ_SP-DOORHW_6930
HOT# 133193

NOTE: LOCKSETS WILL REQUIRE EXTERIOR DOORS TO BE CUT TO RECEIVE COMMERCIAL LOCKSET.

DOOR PANEL TYPES

TYPE D1

TYPE D2

TYPE D3

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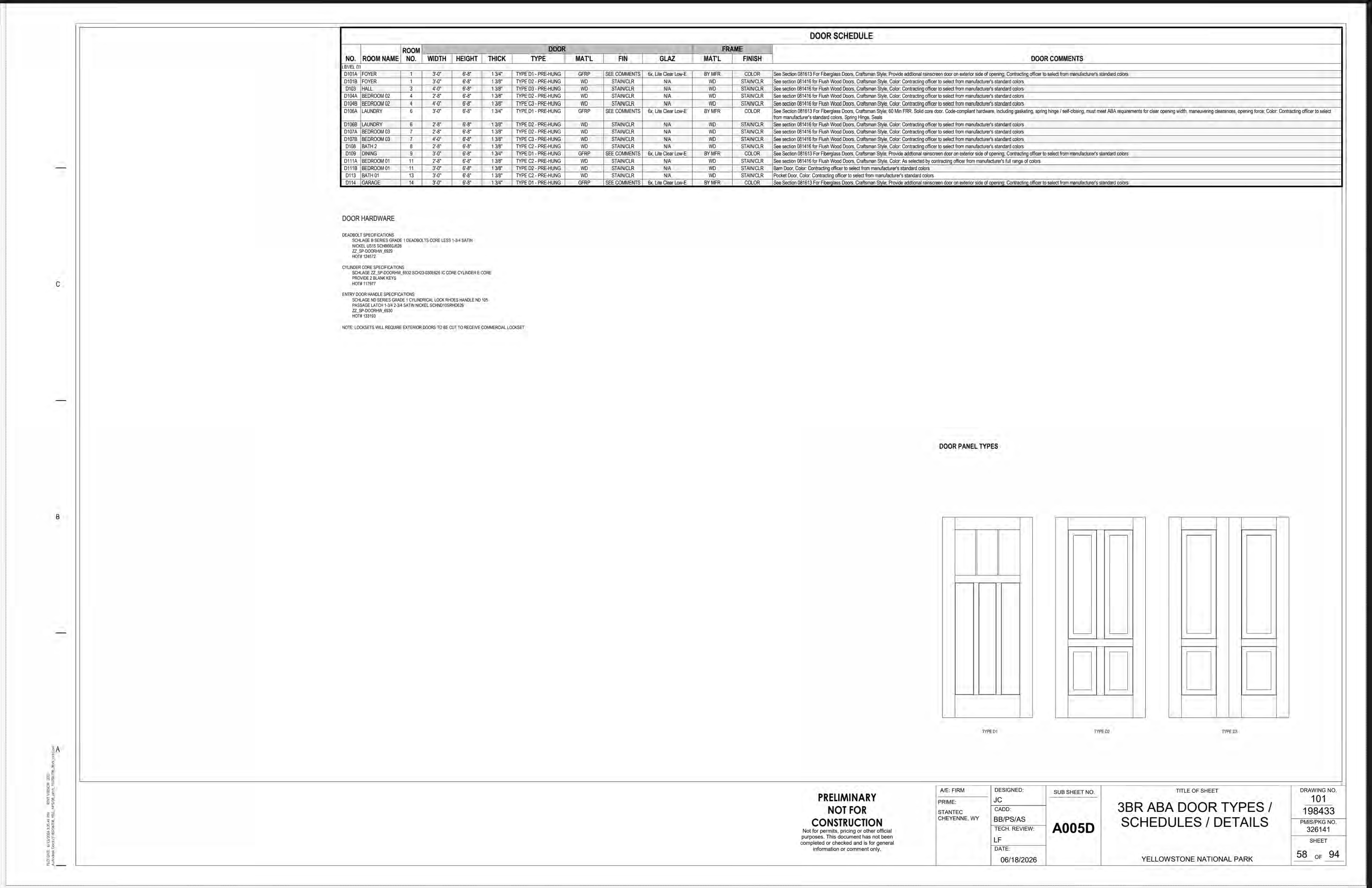
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A005D

TITLE OF SHEET
3BR ABA DOOR TYPES / SCHEDULES / DETAILS
YELLOWSTONE NATIONAL PARK

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



DOOR SCHEDULE

NO.	ROOM NAME	ROOM NO.	DOOR							FRAME		DOOR COMMENTS
			WIDTH	HEIGHT	THICK	TYPE	MAT'L	FIN	GLAZ	MAT'L	FINISH	
LEVEL 01												
D101A	FOYER	1	3'-0"	6'-8"	1 3/4"	TYPE D1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
D101B	FOYER	1	3'-0"	6'-8"	1 3/8"	TYPE D2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D103	HALL	3	4'-0"	6'-8"	1 3/8"	TYPE D3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D104A	BEDROOM 02	4	2'-8"	6'-8"	1 3/8"	TYPE D2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D104B	BEDROOM 02	4	4'-0"	6'-8"	1 3/8"	TYPE C3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D106A	LAUNDRY	6	3'-0"	6'-8"	1 3/4"	TYPE D1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; 60 Min FRR. Solid core door. Code-compliant hardware, including gasketing, spring hinge / self-closing, must meet ABA requirements for clear opening width, maneuvering clearances, opening force: Color: Contracting officer to select from manufacturer's standard colors, Spring Hinge, Seals
D106B	LAUNDRY	6	2'-8"	6'-8"	1 3/8"	TYPE D2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D107A	BEDROOM 03	7	2'-8"	6'-8"	1 3/8"	TYPE D2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D107B	BEDROOM 03	7	4'-0"	6'-8"	1 3/8"	TYPE C3 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D108	BATH 2	8	2'-8"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: Contracting officer to select from manufacturer's standard colors
D109	DINING	9	3'-0"	6'-8"	1 3/4"	TYPE D1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors
D111A	BEDROOM 01	11	2'-8"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	See section 081416 for Flush Wood Doors, Craftsman Style, Color: As selected by contracting officer from manufacturer's full range of colors
D111B	BEDROOM 01	11	3'-0"	6'-8"	1 3/8"	TYPE D2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	Barn Door, Color: Contracting officer to select from manufacturer's standard colors
D113	BATH 01	13	3'-0"	6'-8"	1 3/8"	TYPE C2 - PRE-HUNG	WD	STAIN/CLR	N/A	WD	STAIN/CLR	Pocket Door, Color: Contracting officer to select from manufacturer's standard colors
D114	GARAGE	14	3'-0"	6'-8"	1 3/4"	TYPE D1 - PRE-HUNG	GFRP	SEE COMMENTS	6x, Lite Clear Low-E	BY MFR	COLOR	See Section 081613 For Fiberglass Doors, Craftsman Style; Provide addtional rainscreen door on exterior side of opening; Contracting officer to select from manufacturer's standard colors

DOOR HARDWARE

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HOT# 133193

NOTE: LOCKSETS WILL REQUIRE EXTERIOR DOORS TO BE CUT TO RECEIVE COMMERCIAL LOCKSET.

DOOR PANEL TYPES

TYPE D1

TYPE D2

TYPE D3

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DRAWING NO.
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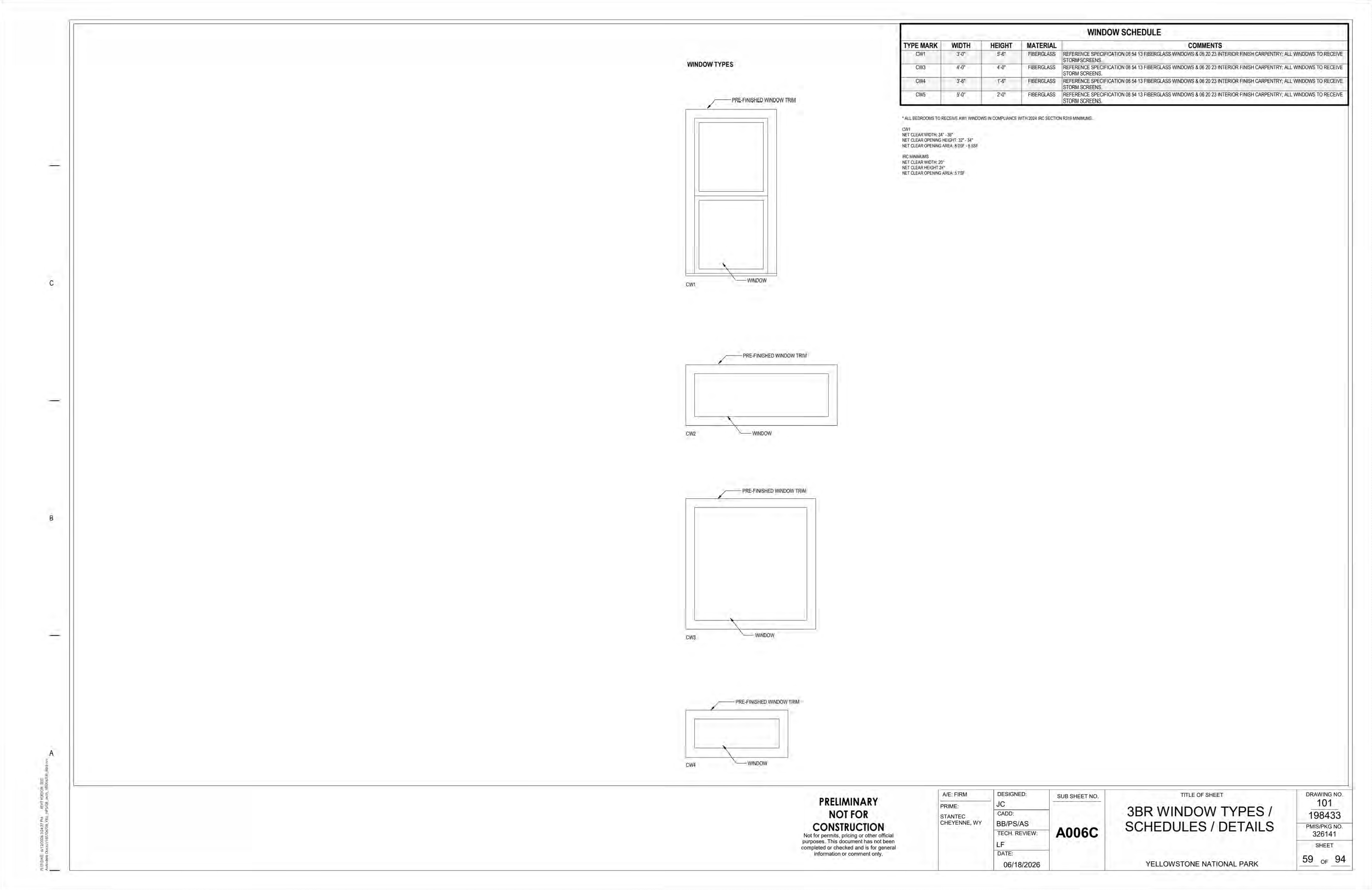

WINDOW SCHEDULE

TYPE MARK	WIDTH	HEIGHT	MATERIAL	COMMENTS
CW1	3'-0"	5'-6"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
CW3	4'-0"	4'-0"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
CW4	3'-6"	1'-6"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
CW5	5'-0"	2'-0"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.

* ALL BEDROOMS TO RECEIVE AW1 WINDOWS IN COMPLIANCE WITH 2024 IRC SECTION R319 MINIMUMS.

CW1
NET CLEAR WIDTH: 34" - 36"
NET CLEAR OPENING HEIGHT: 32" - 34"
NET CLEAR OPENING AREA: 8.0SF - 8.5SF

IRC MINIMUMS
NET CLEAR WIDTH: 20"
NET CLEAR HEIGHT: 24"
NET CLEAR OPENING AREA: 5.7SF

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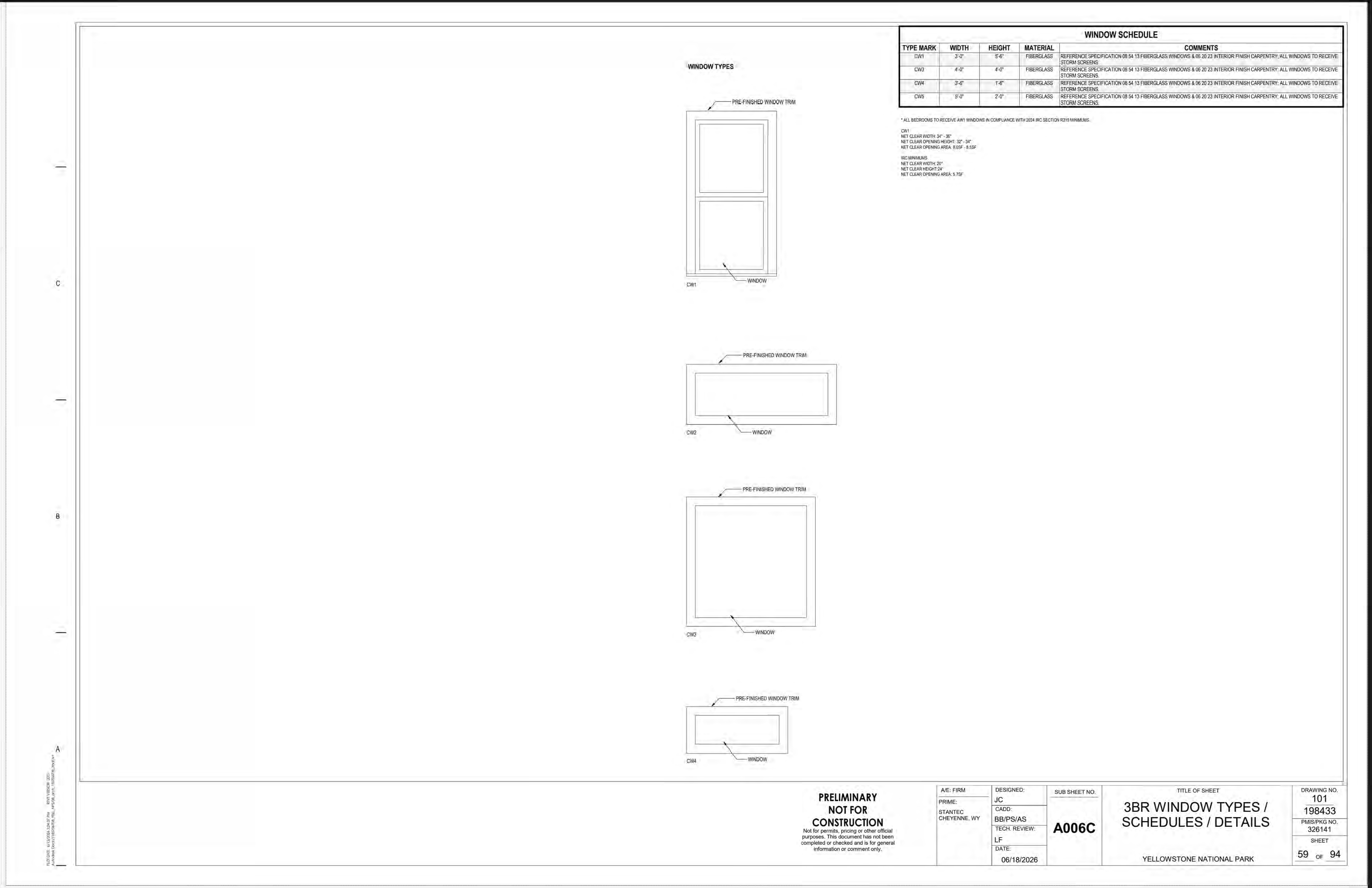
WINDOW SCHEDULE

TYPE MARK	WIDTH	HEIGHT	MATERIAL	COMMENTS
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CW3	4'-0"	4'-0"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
CW4	3'-6"	1'-6"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
CW5	5'-0"	2'-0"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.

* ALL BEDROOMS TO RECEIVE AW1 WINDOWS IN COMPLIANCE WITH 2024 IRC SECTION R319 MINIMUMS.

CW1
NET CLEAR WIDTH: 34" - 36"
NET CLEAR OPENING HEIGHT: 32" - 34"
NET CLEAR OPENING AREA: 8.0SF - 8.5SF

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NET CLEAR WIDTH: 20"
NET CLEAR HEIGHT: 24"
NET CLEAR OPENING AREA: 5.7SF

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DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 59 OF 94

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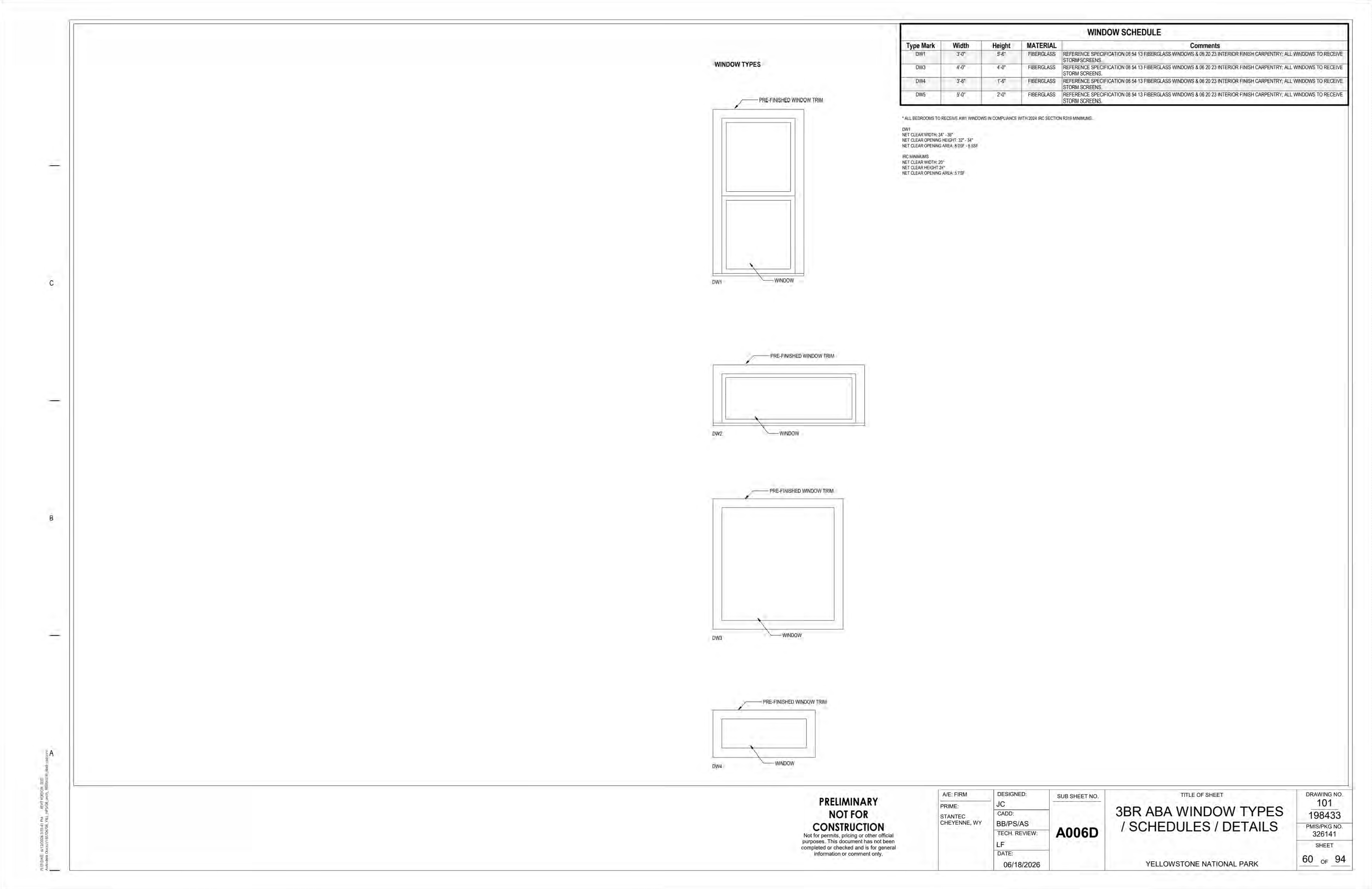

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WINDOW SCHEDULE

Type Mark	Width	Height	MATERIAL	Comments
DW1	3'-0"	5'-6"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
DW3	4'-0"	4'-0"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
DW4	3'-6"	1'-6"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
DW5	5'-0"	2'-0"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.

* ALL BEDROOMS TO RECEIVE AW1 WINDOWS IN COMPLIANCE WITH 2024 IRC SECTION R319 MINIMUMS.

DW1
NET CLEAR WIDTH: 34" - 36"
NET CLEAR OPENING HEIGHT: 32" - 34"
NET CLEAR OPENING AREA: 8.0SF - 8.5SF

IRC MINIMUMS
NET CLEAR WIDTH: 20"
NET CLEAR HEIGHT: 24"
NET CLEAR OPENING AREA: 5.7SF

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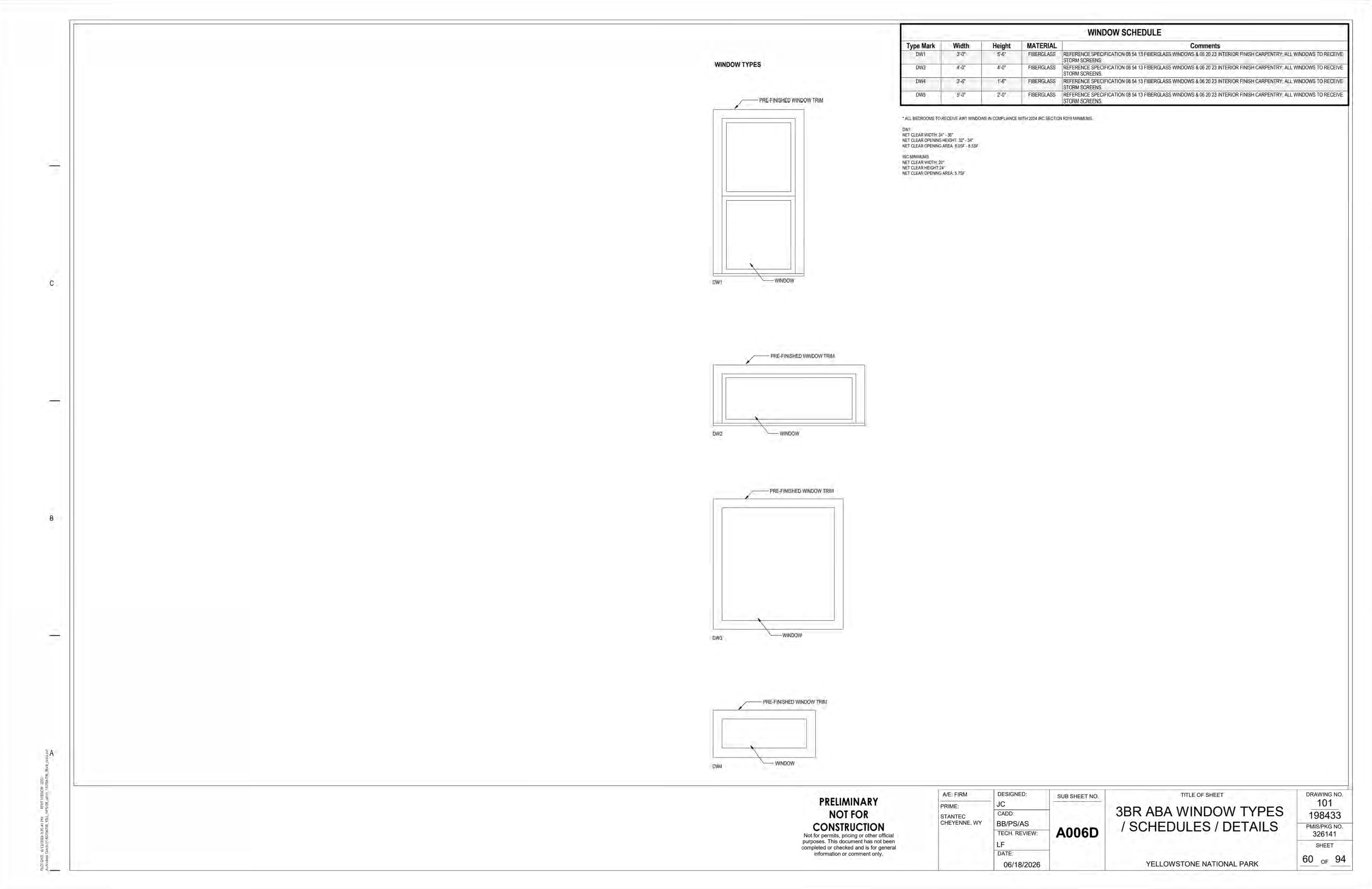
A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A006D

TITLE OF SHEET
3BR ABA WINDOW TYPES / SCHEDULES / DETAILS
YELLOWSTONE NATIONAL PARK

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



WINDOW SCHEDULE

Type Mark	Width	Height	MATERIAL	Comments
DW1	3'-0"	5'-6"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
DW3	4'-0"	4'-0"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
DW4	3'-6"	1'-6"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.
DW5	5'-0"	2'-0"	FIBERGLASS	REFERENCE SPECIFICATION 08 54 13 FIBERGLASS WINDOWS & 06 20 23 INTERIOR FINISH CARPENTRY; ALL WINDOWS TO RECEIVE STORM SCREENS.

* ALL BEDROOMS TO RECEIVE AW1 WINDOWS IN COMPLIANCE WITH 2024 IRC SECTION R319 MINIMUMS.

DW1
NET CLEAR WIDTH: 34" - 36"
NET CLEAR OPENING HEIGHT: 32" - 34"
NET CLEAR OPENING AREA: 8.0SF - 8.5SF

IRC MINIMUMS
NET CLEAR WIDTH: 20"
NET CLEAR HEIGHT: 24"
NET CLEAR OPENING AREA: 5.7SF

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TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A006D

TITLE OF SHEET
3BR ABA WINDOW TYPES / SCHEDULES / DETAILS
YELLOWSTONE NATIONAL PARK

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

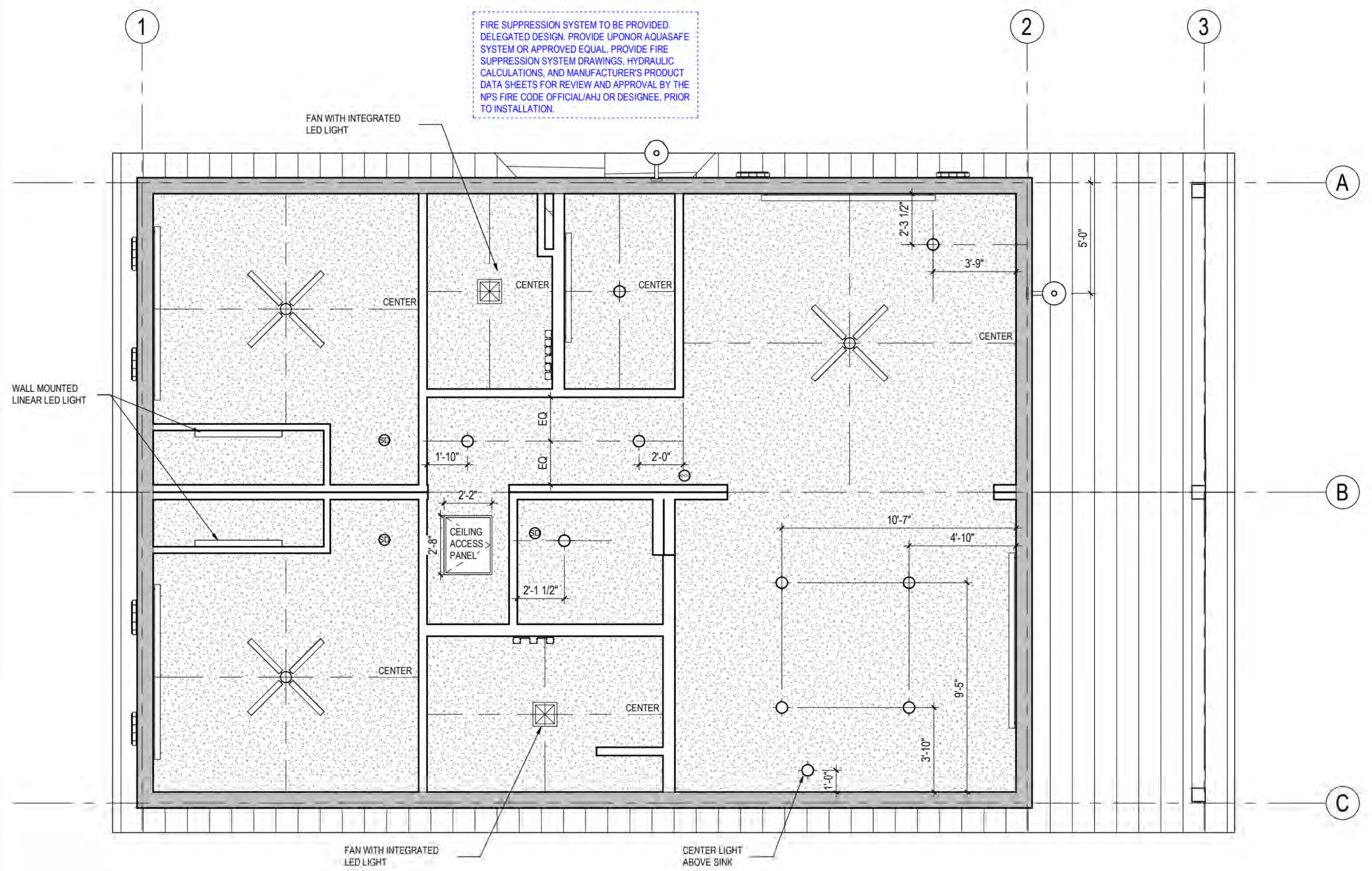
IDENTICAL

NOTES PLAN

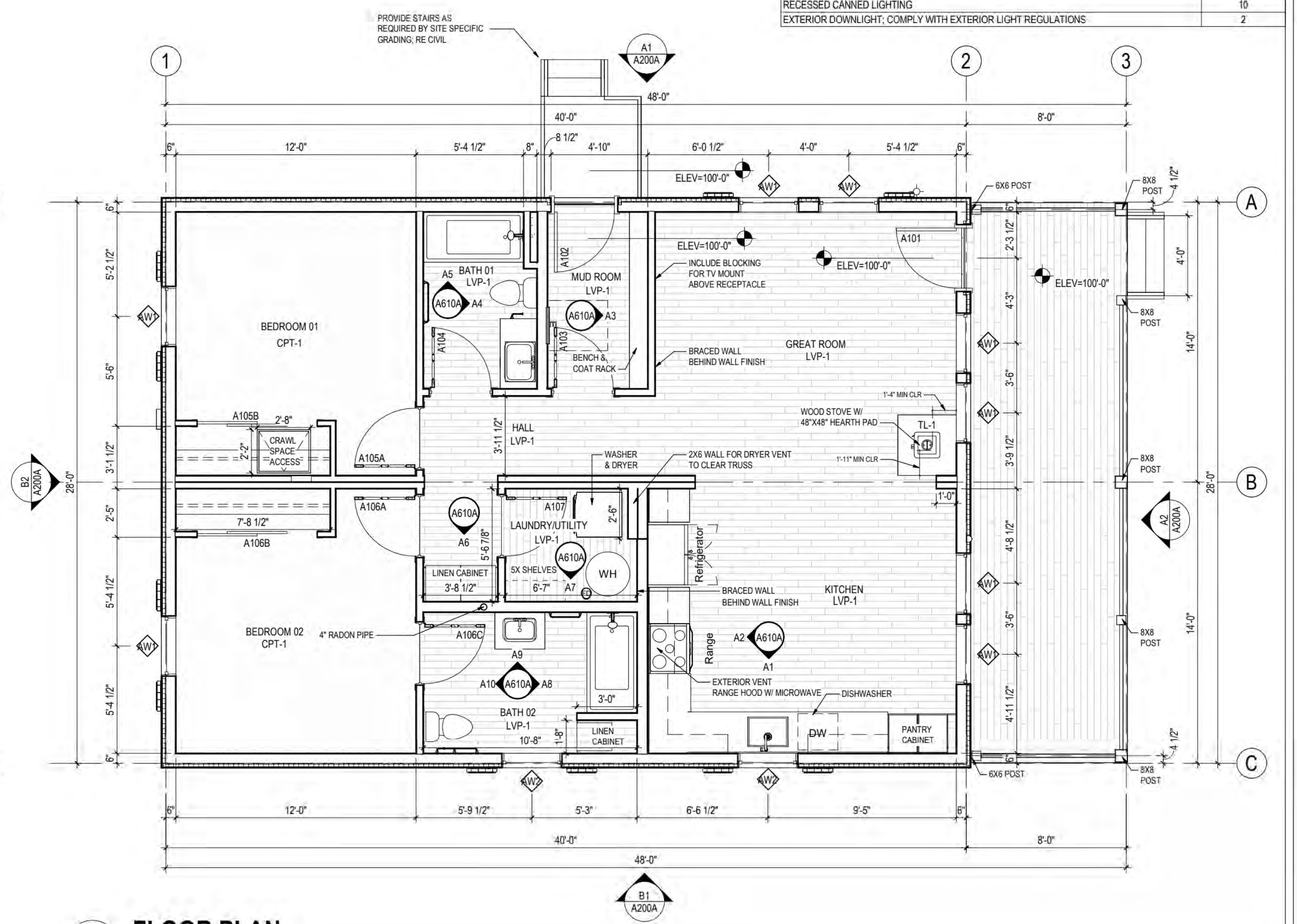
1	REFERENCE ALL GENERAL NOTES ON SHEET A001
2	NIGHT SKY: PROJECT SHALL COMPLY WITH NPS AND PARK LIGHTING GUIDLINES TO REDUCE IMPACTS TO THE NIGHT SKY AND WILDLIFE. THIS WILL INCLUDE, BUT IS NOT LIMITED TO, LOW-LEVEL LIGHTING, MINIMIZED GLARE, DOWNWARD FOCUSED LIGHT FIXTURES, AND ENERGY EFFICIENT LIGHT SOURCES SUCH AS LOW-PRESSURE SODIUM LAMPS.
3	REFERENCE ALL FIRE-SUPPRESSION SPRINKLER SYSTEM REQUIREMENTS ON SHEET A001. FIRE PROTECTION CONTRACTOR TO PROVIDE SPRINKLER SHOP DRAWINGS FOR ARCHITECT'S REVIEW AND APPROVAL.
4	REFER TO ELECTRICAL DRAWINGS FOR LIGHT SWITCH LOCATIONS.
5	ALL DIFFUSERS / GRILLS IN GYP. CEILING TO BE PAINTED TO MATCH ADJACENT FINISH. ALL COVE HEATERS TO MATCH CEILING FINISH.
6	ALL CEILING HEIGHTS TO BE 8' U.N.O
7	ALL GYP. BD. CEILINGS SHALL BE FINISHED TO LEVEL 5 FINISH AND PAINTED P-1 FLAT SHEEN, U.N.O.
8	LIGHT/FAN COMBO TO BE SATIN NICKEL U.N.O.
9	ALL CABINETS LOCATED IN THE KITCHEN TO RECIEVE UNDER-CABINET LIGHTING.
10	MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS TO BE ENGINEERED BY RESIDENTIAL MODULAR BUILDING MANUFACTURER. ALL ENGINEERING SHOWN IS SCHEMATIC AND FOR REFERENCE ONLY. ALL SYSTEMS MUST MEET MANUFACTURER RECOMMENDATIONS, ALL APPLICABLE CODES AND AHJ REQUIREMENTS.

LIGHT FIXTURE SCHEDULE

FIXTURE	COUNT
LED WALL MOUNTED LIGHT FIXTURE	2
LED WALL MOUNTED SCONCE	4
UNDER CABINET LIGHTING	5
CEILING FAN WITH LED LIGHT FIXTURE	3
BATH FAN WITH LED LIGHT FIXTURE	2
RECESSED CANNED LIGHTING	10
EXTERIOR DOWNLIGHT; COMPLY WITH EXTERIOR LIGHT REGULATIONS	2


FIRE SUPPRESSION SYSTEM TO BE PROVIDED. DELEGATED DESIGN. PROVIDE UPONOR AQUASAFE SYSTEM OR APPROVED EQUAL. PROVIDE FIRE SUPPRESSION SYSTEM DRAWINGS, HYDRAULIC CALCULATIONS, AND MANUFACTURER'S PRODUCT DATA SHEETS FOR REVIEW AND APPROVAL BY THE NPS FIRE CODE OFFICIAL/AHJ OR DESIGNEE, PRIOR TO INSTALLATION.
1
2
3
A
B
C
FAN WITH INTEGRATED LED LIGHT
WALL MOUNTED LINEAR LED LIGHT
CENTER
CEILING ACCESS PANEL
EQ
1'-10"
2'-0"
2'-2"
2'-8"
2'-1 1/2"
2'-3 1/2"
3'-9"
5'-0"
10'-7"
4'-10"
9'-5"
3'-10"
1'-0"
B2
A200A
28'-0"
CENTER LIGHT ABOVE SINK

C1
A101A
REFLECTED CEILING PLAN
1/4" = 1'-0"



A1
A101A
FLOOR PLAN
1/4" = 1'-0"

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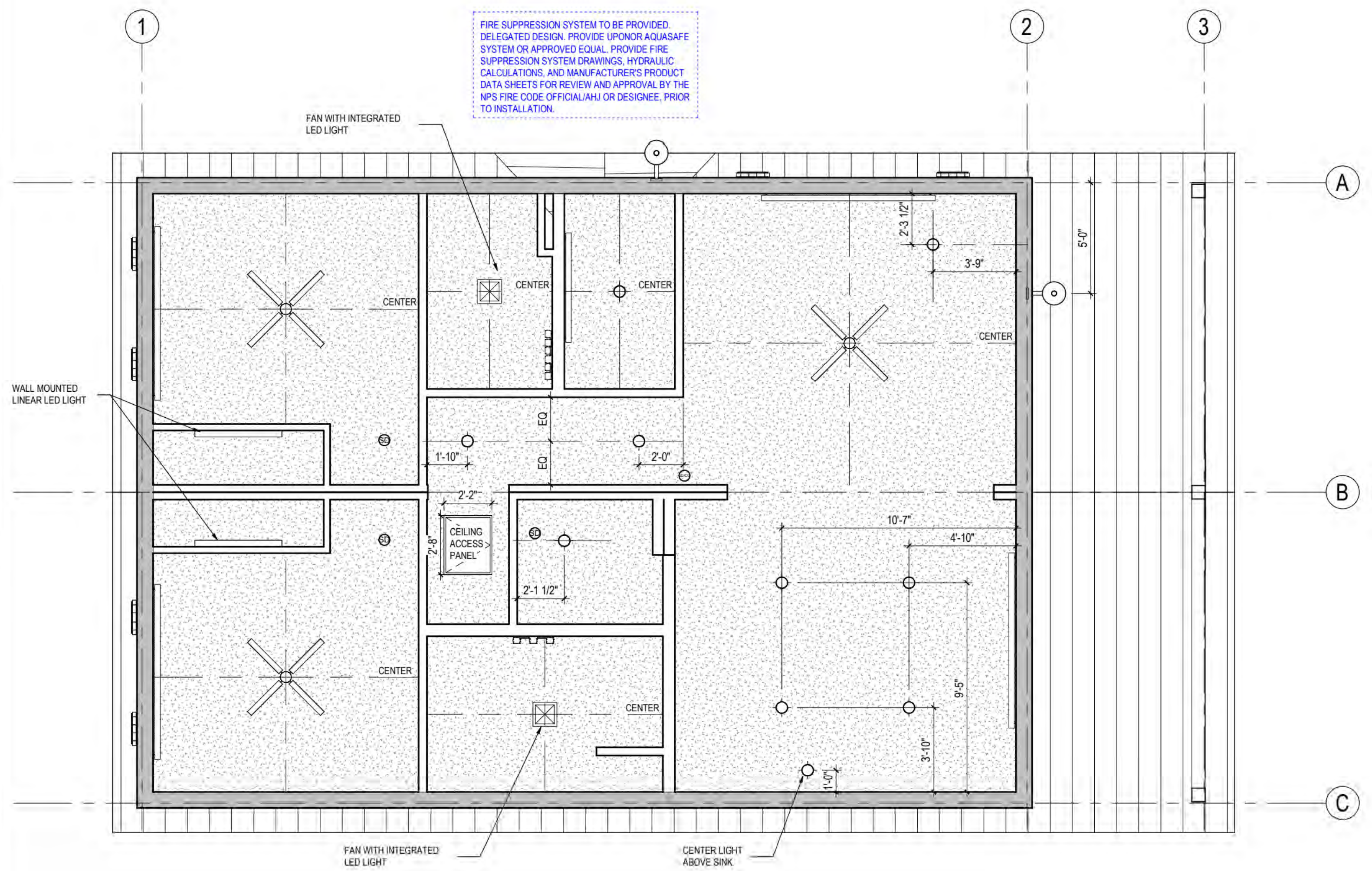
A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY

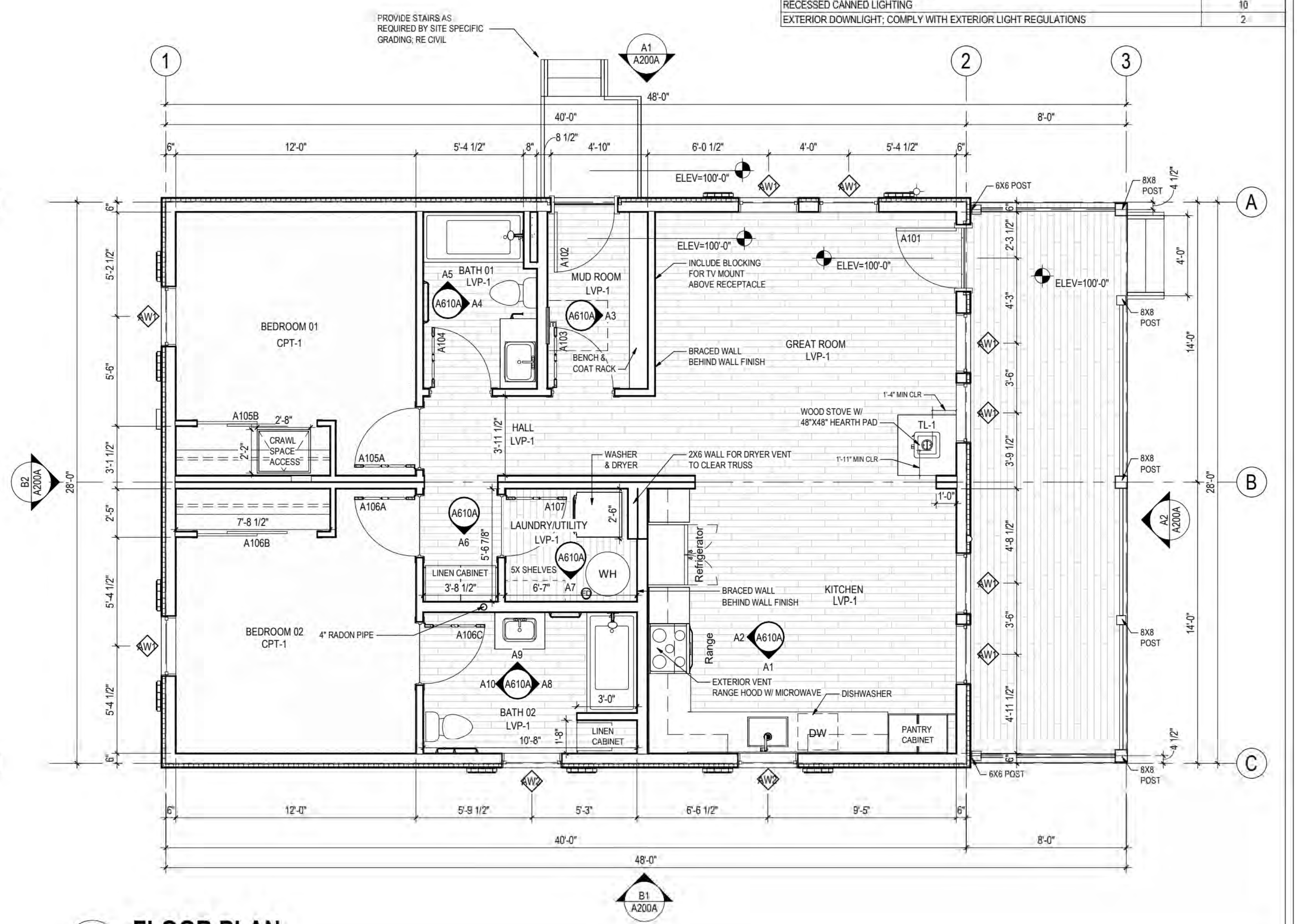
DESIGNED:
JC
CADD:
BB/PS/AS
TECH. REVIEW:
LF
DATE:
06/18/2026

SUB SHEET NO.
A101A

TITLE OF SHEET
2BR FLOOR & REFLECTED CEILING PLAN
YELLOWSTONE NATIONAL PARK

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





NOTES PLAN
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7 ALL GYP. BD. CEILINGS SHALL BE FINISHED TO LEVEL 5 FINISH AND PAINTED P-1 FLAT SHEEN, U.N.O.
8 LIGHT/FAN COMBO TO BE SATIN NICKEL U.N.O.
9 ALL CABINETS LOCATED IN THE KITCHEN TO RECIEVE UNDER-CABINET LIGHTING.
10 MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS TO BE ENGINEERED BY RESIDENTIAL MODULAR BUILDING MANUFACTURER. ALL ENGINEERING SHOWN IS SCHEMATIC AND FOR REFERENCE ONLY. ALL SYSTEMS MUST MEET MANUFACTURER RECOMMENDATIONS, ALL APPLICABLE CODES AND AHJ REQUIREMENTS.
LIGHT FIXTURE SCHEDULE
FIXTURE COUNT
LED WALL MOUNTED LIGHT FIXTURE 2
LED WALL MOUNTED SCONCE 4
UNDER CABINET LIGHTING 5
CEILING FAN WITH LED LIGHT FIXTURE 3
BATH FAN WITH LED LIGHT FIXTURE 2
RECESSED CANNED LIGHTING 10
EXTERIOR DOWNLIGHT; COMPLY WITH EXTERIOR LIGHT REGULATIONS 2
C1 A101A REFLECTED CEILING PLAN 1/4" = 1'-0"
A1 A101A FLOOR PLAN 1/4" = 1'-0"
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A/E: FIRM PRIME: STANTEC CHEYENNE, WY
DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: LF DATE: 06/18/2026
SUB SHEET NO. A101A
TITLE OF SHEET 2BR FLOOR & REFLECTED CEILING PLAN YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 61 OF 94

IDENTICAL

NOTES PLAN

1	REFERENCE ALL GENERAL NOTES ON SHEET A001
2	NIGHT SKY: PROJECT SHALL COMPLY WITH NPS AND PARK LIGHTING GUIDLINES 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.
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8	LIGHT/FAN COMBO TO BE SATIN NICKEL U.N.O.
9	ALL CABINETS LOCATED IN THE KITCHEN TO RECIEVE UNDER COUNTER LIGHTING.
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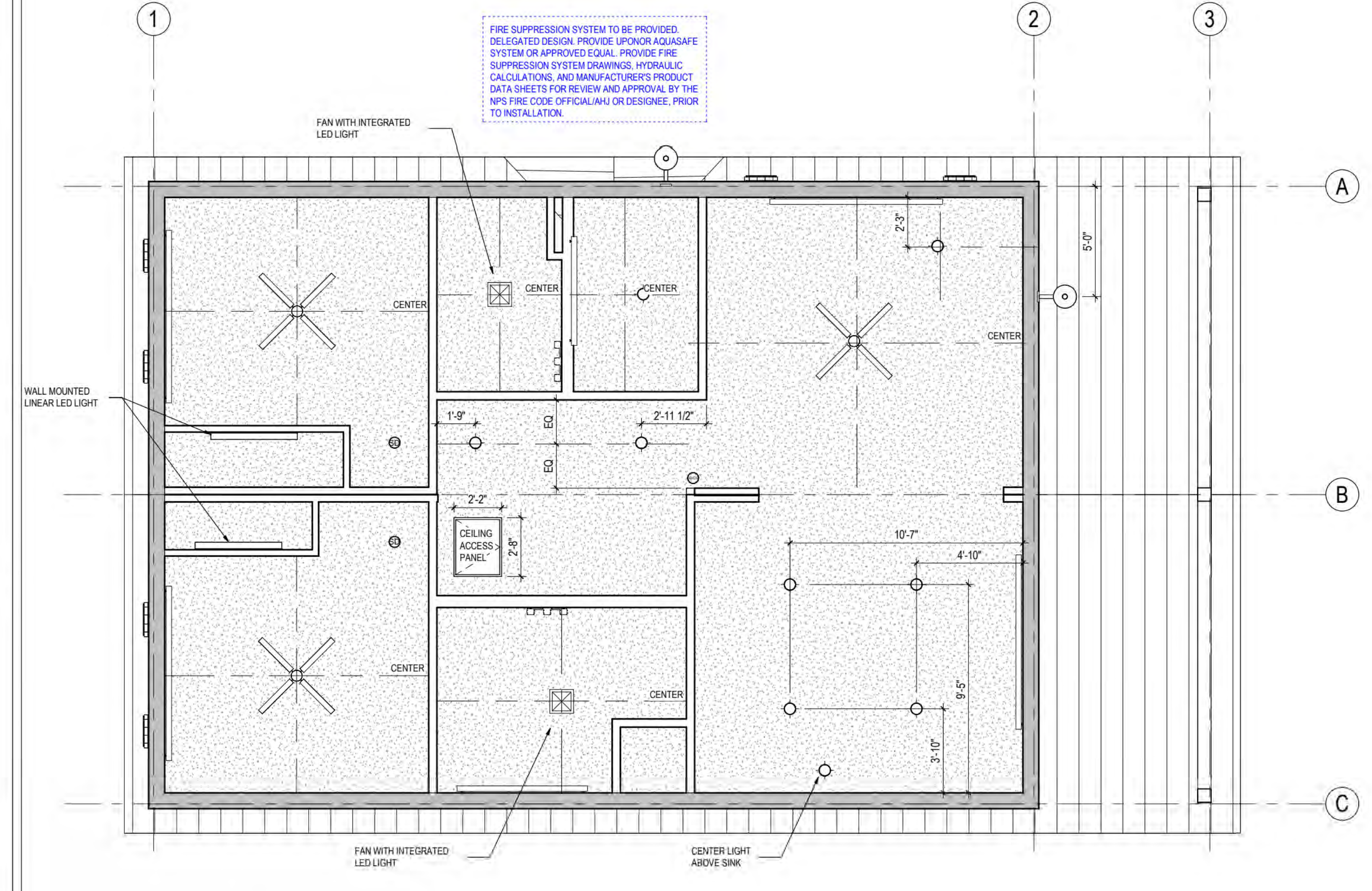
LIGHT FIXTURE SCHEDULE

FIXTURE	COUNT
LED WALL MOUNTED LIGHT FIXTURE	2
LED WALL MOUNTED SCONCE	2
UNDER CABINET LIGHTING	5
CEILING FAN WITH LED LIGHT FIXTURE	3
BATH FAN WITH LED LIGHT FIXTURE	2
RECESSED CANNED LIGHTING	9
EXTERIOR DOWNLIGHT; COMPY WITH EXTERIOR LIGHT REGULATIONS	2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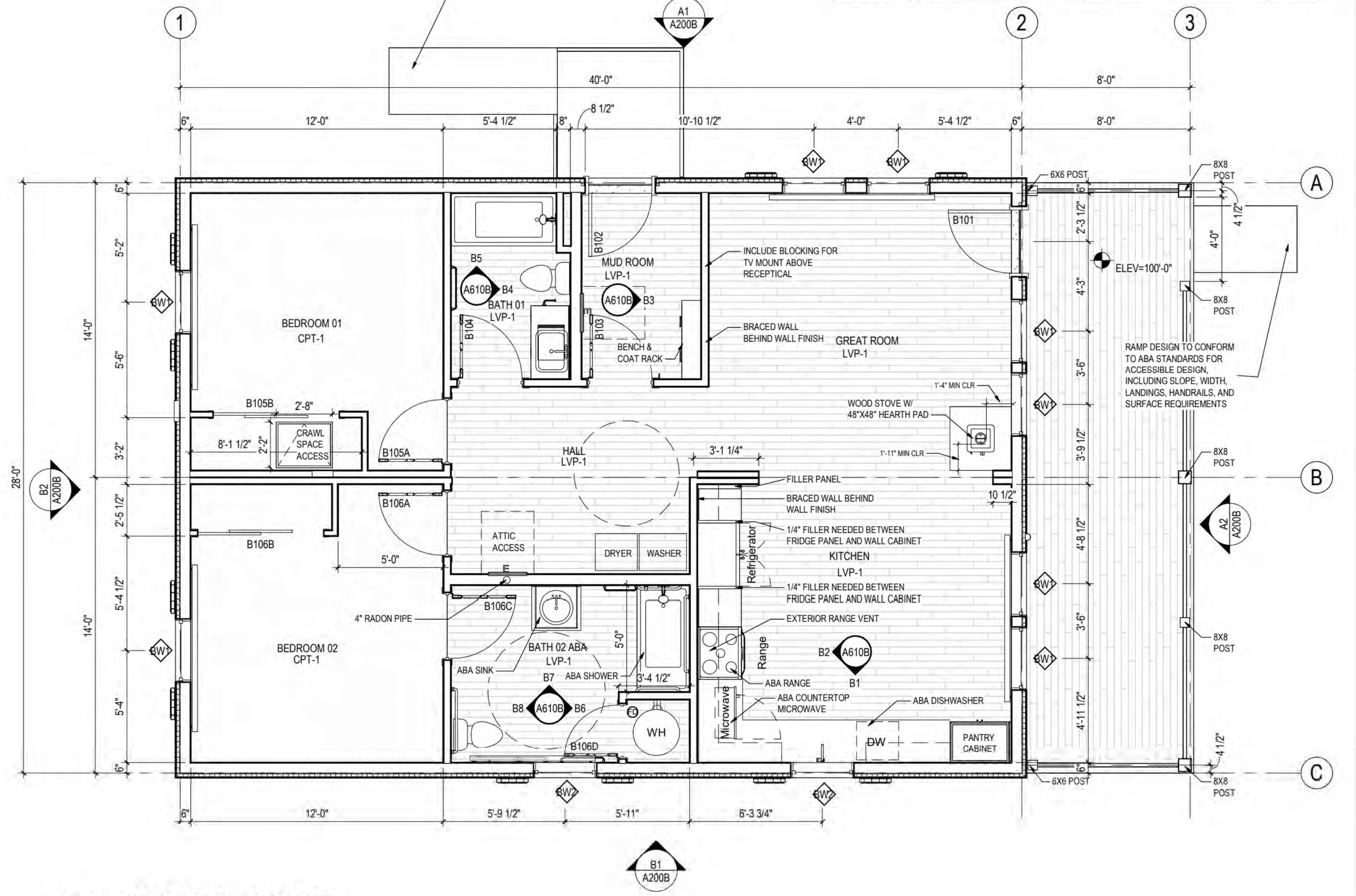
1
2
3
A
B
C
FAN WITH INTEGRATED LED LIGHT
WALL MOUNTED LINEAR LED LIGHT
CENTER
CEILING ACCESS PANEL
1'-9"
2'-11 1/2"
2'-2"
2'-8"
EQ
2'-3"
5'-0"
10'-7"
4'-10"
9'-5"
3'-10"
28'-0"
B2
A200B
FAN WITH INTEGRATED LED LIGHT
CENTER LIGHT ABOVE SINK

C1 A101B **REFLECTED CEILING PLAN**
1/4" = 1'-0"



A1 A101B **ABA FLOOR PLAN**
1/4" = 1'-0"

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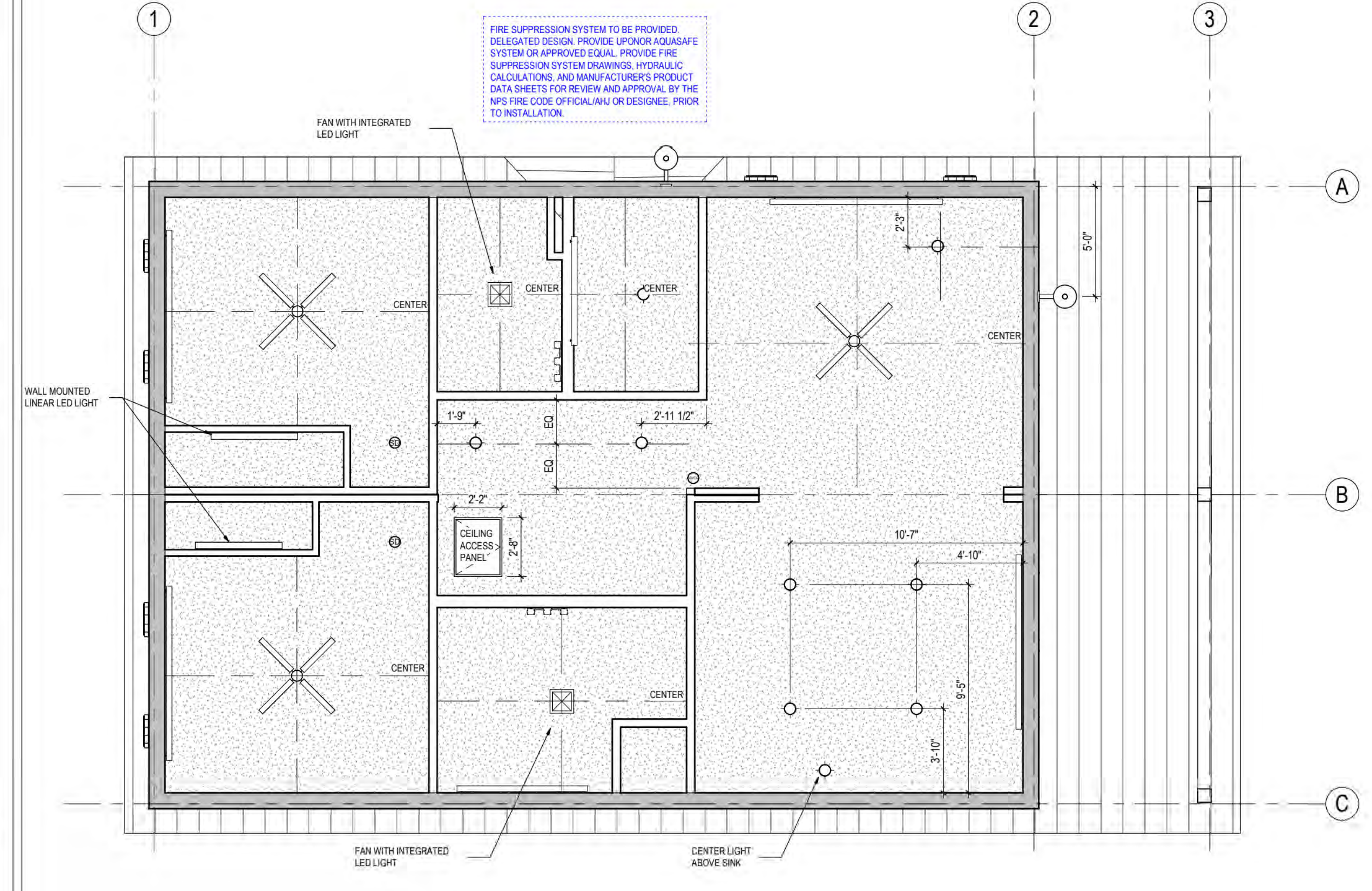
A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY

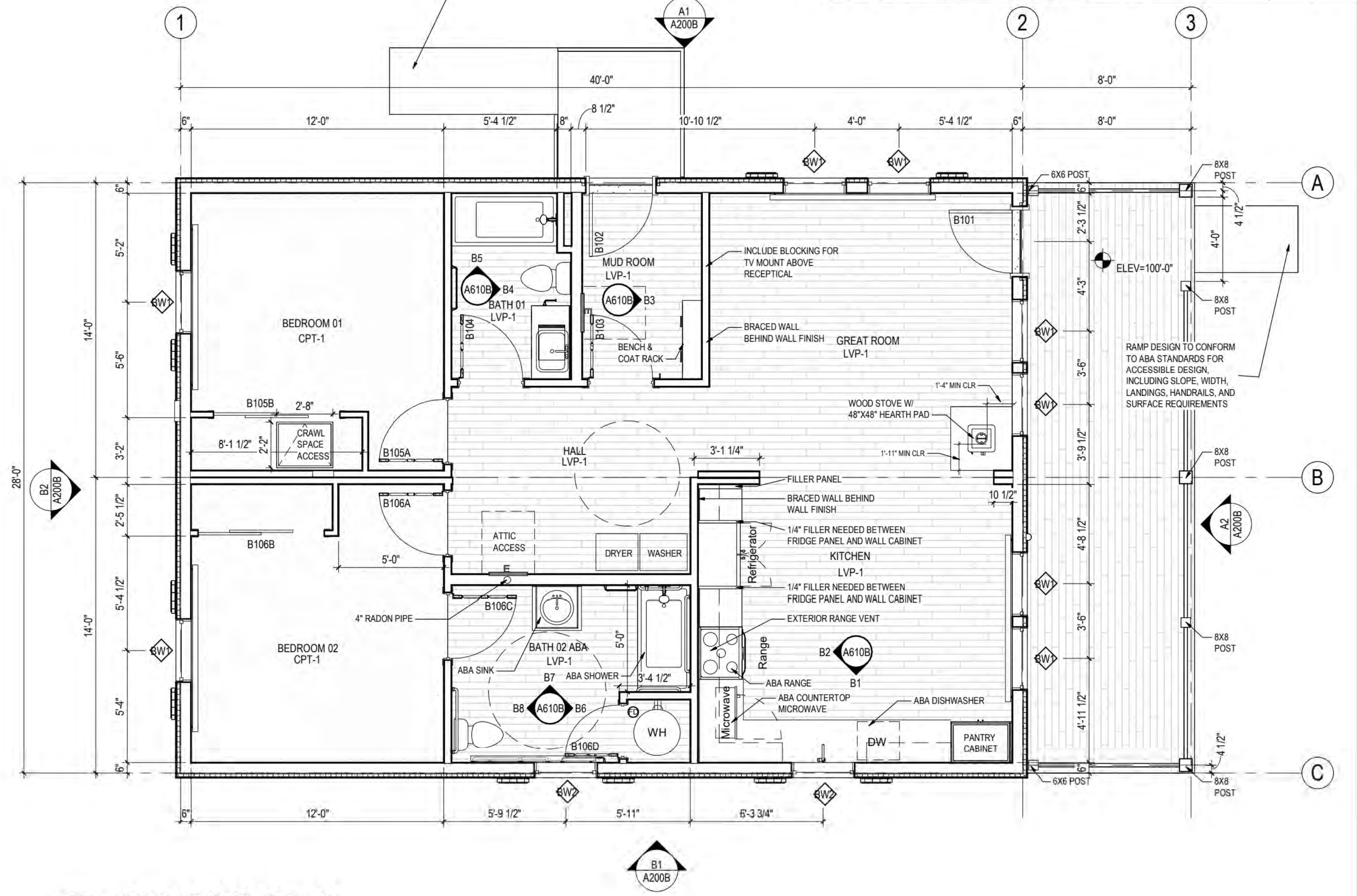
DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO. **A101B**

TITLE OF SHEET
2BR ABA FLOOR & REFLECTED CEILING PLAN
YELLOWSTONE NATIONAL PARK

DRAWING NO. 101
198433
PMIS/PKG NO. 326141A/326104
SHEET 62 OF 94





NOTES PLAN
1 REFERENCE ALL GENERAL NOTES ON SHEET A001
2 NIGHT SKY: PROJECT SHALL COMPLY WITH NPS AND PARK LIGHTING GUIDLINES 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.
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4 REFER TO ELECTRICAL DRAWINGS FOR LIGHT SWITCH LOCATIONS.
5 ALL DIFFUSERS / GRILLS IN GYP. CEILING TO BE PAINTED TO MATCH ADJACENT FINISH. ALL COVE HEATERS TO MATCH CEILING FINISH.
6 ALL CEILING HEIGHTS TO BE 8' U.N.O
7 ALL GYP. BD. CEILINGS SHALL BE FINISHED TO LEVEL 5 FINISH AND PAINTED P-1 FLAT SHEEN, U.N.O.
8 LIGHT/FAN COMBO TO BE SATIN NICKEL U.N.O.
9 ALL CABINETS LOCATED IN THE KITCHEN TO RECIEVE UNDER COUNTER LIGHTING.
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LIGHT FIXTURE SCHEDULE
FIXTURE COUNT
LED WALL MOUNTED LIGHT FIXTURE 2
LED WALL MOUNTED SCONCE 2
UNDER CABINET LIGHTING 5
CEILING FAN WITH LED LIGHT FIXTURE 3
BATH FAN WITH LED LIGHT FIXTURE 2
RECESSED CANNED LIGHTING 9
EXTERIOR DOWNLIGHT; COMPY WITH EXTERIOR LIGHT REGULATIONS 2
C1 A101B REFLECTED CEILING PLAN 1/4" = 1'-0"
A1 A101B ABA FLOOR PLAN 1/4" = 1'-0"
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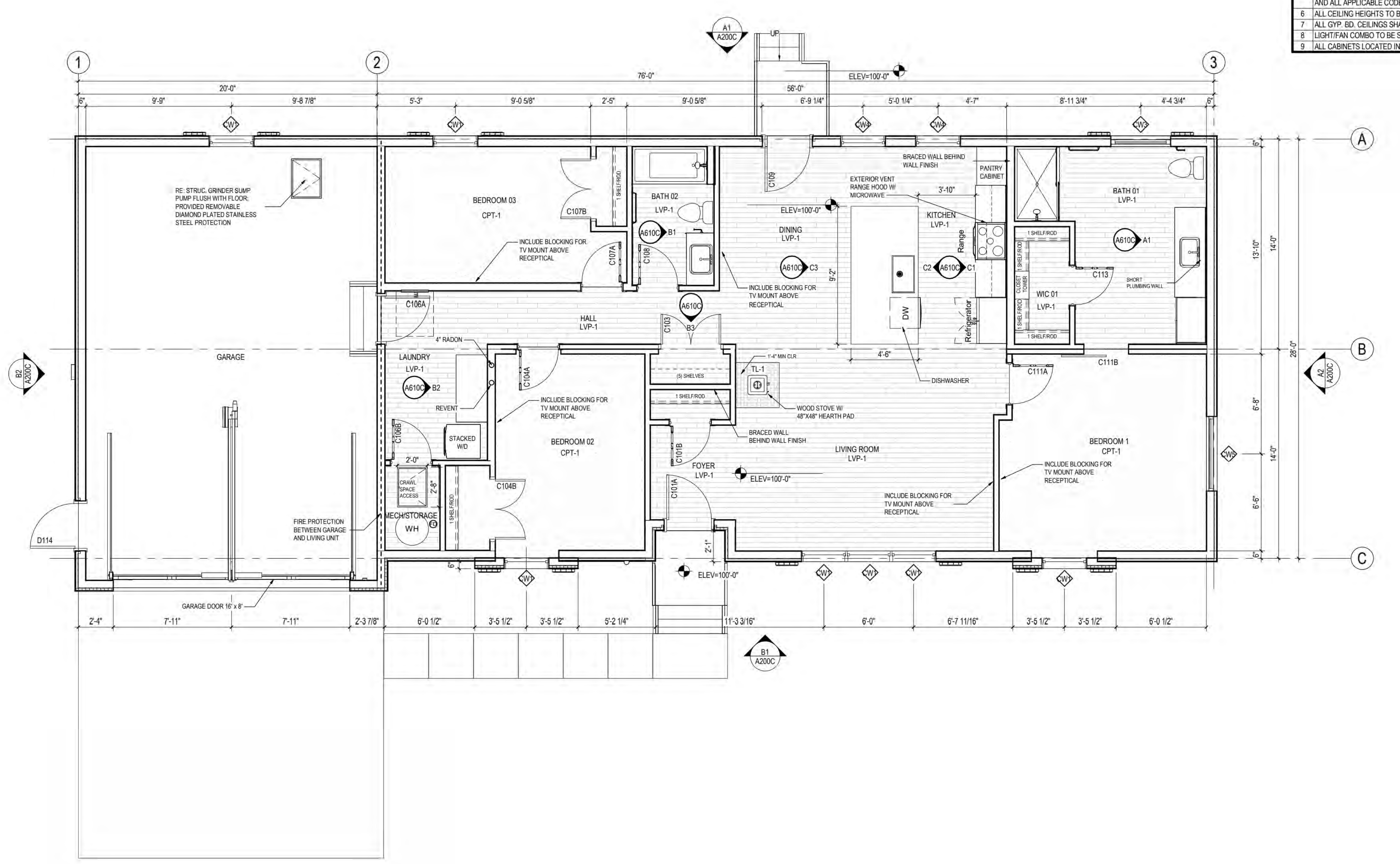
A/E: FIRM PRIME: STANTEC CHEYENNE, WY
DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: LF DATE: 06/18/2026
SUB SHEET NO. A101B
TITLE OF SHEET 2BR ABA FLOOR & REFLECTED CEILING PLAN YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433 PMIS/PKG NO. 326141A/326104 SHEET 62 OF 94

IDENTICAL



A1
A101C

FLOOR PLAN

1/4" = 1'-0"

NOTES PLAN

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6	ALL CEILING HEIGHTS TO BE 8' U.N.O.
7	ALL GYP. BD. CEILINGS SHALL BE FINISHED TO LEVEL 5 FINISH AND PAINTED P-1 FLAT SHEEN. U.N.O.
8	LIGHT/FAN COMBO TO BE SATIN NICKEL U.N.O.
9	ALL CABINETS LOCATED IN THE KITCHEN TO RECEIVE UNDER COUNTER LIGHTING.

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PRIME:
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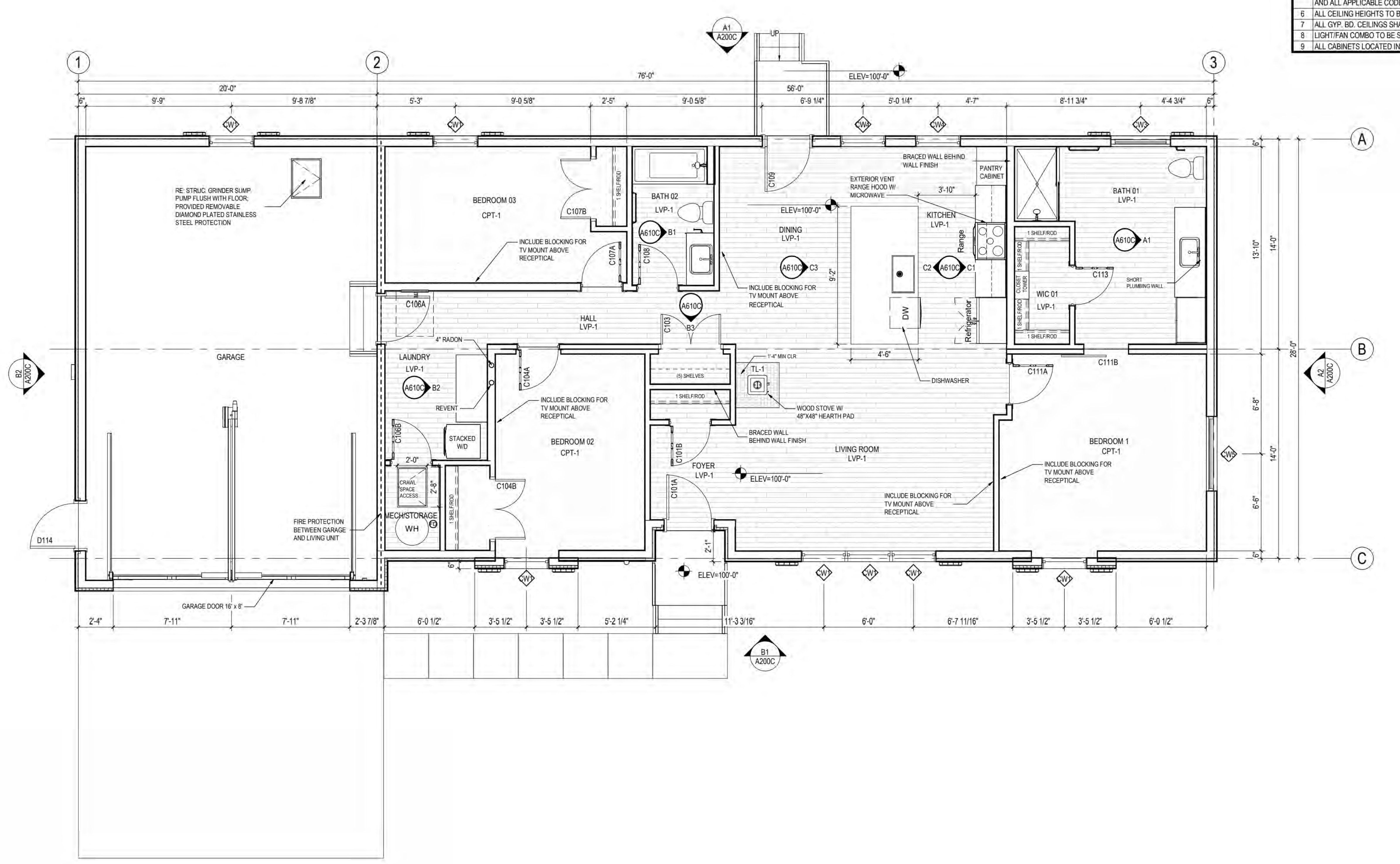
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A101C

TITLE OF SHEET
3BR FLOOR PLAN
YELLOWSTONE NATIONAL PARK

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



A1
A101C

FLOOR PLAN

1/4" = 1'-0"

NOTES PLAN

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DATE: 06/18/2026
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A101C
TITLE OF SHEET
3BR FLOOR PLAN
YELLOWSTONE NATIONAL PARK
DRAWING NO.
101
198433
PMIS/PKG NO.
326141
SHEET
63 OF 94

DELTADOCS

IDENTICAL

NOTES PLAN

1	REFERENCE ALL GENERAL NOTES ON SHEET A001
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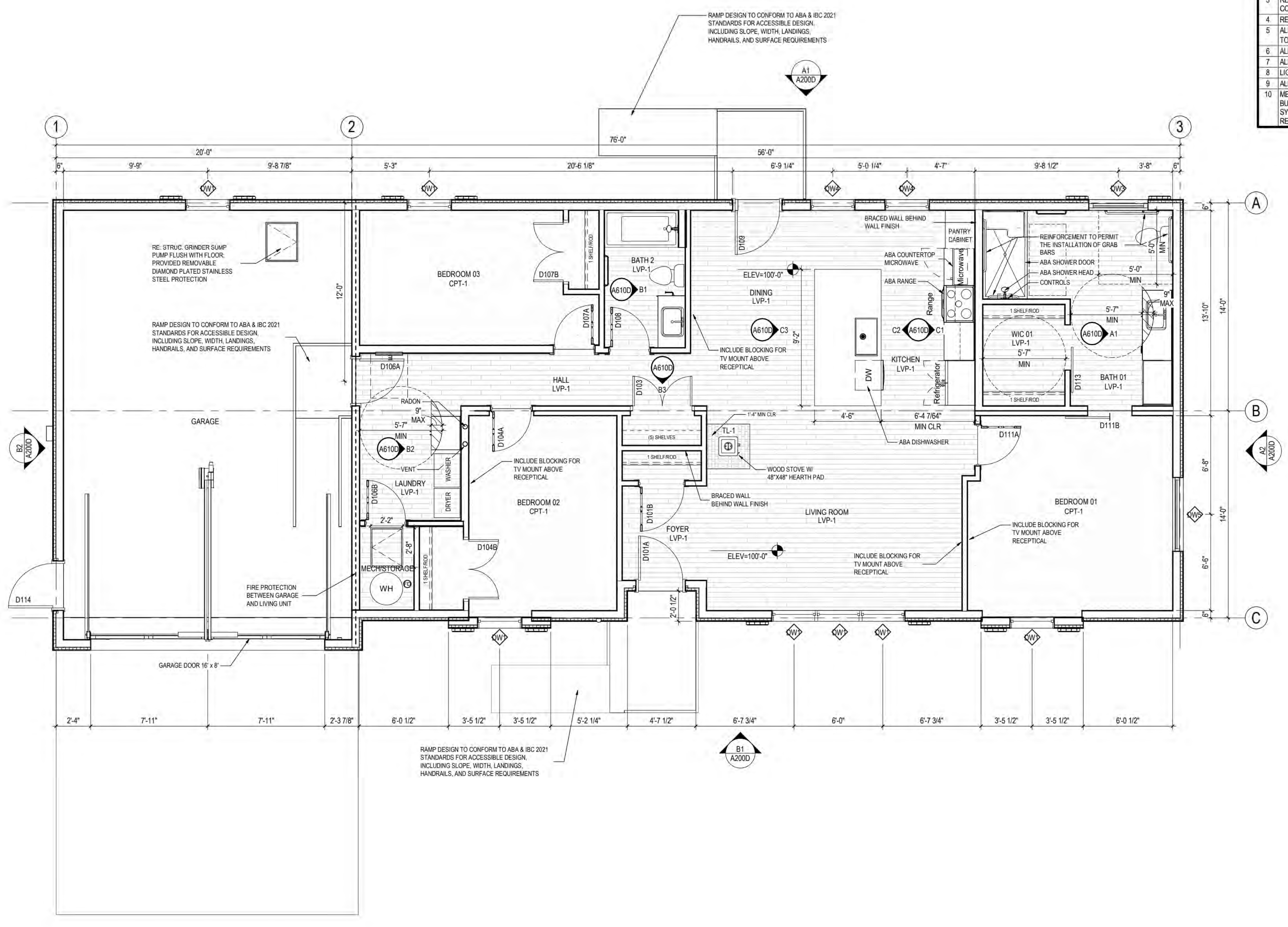

A1
A101D
ABA FLOOR PLAN
1/4" = 1'-0"

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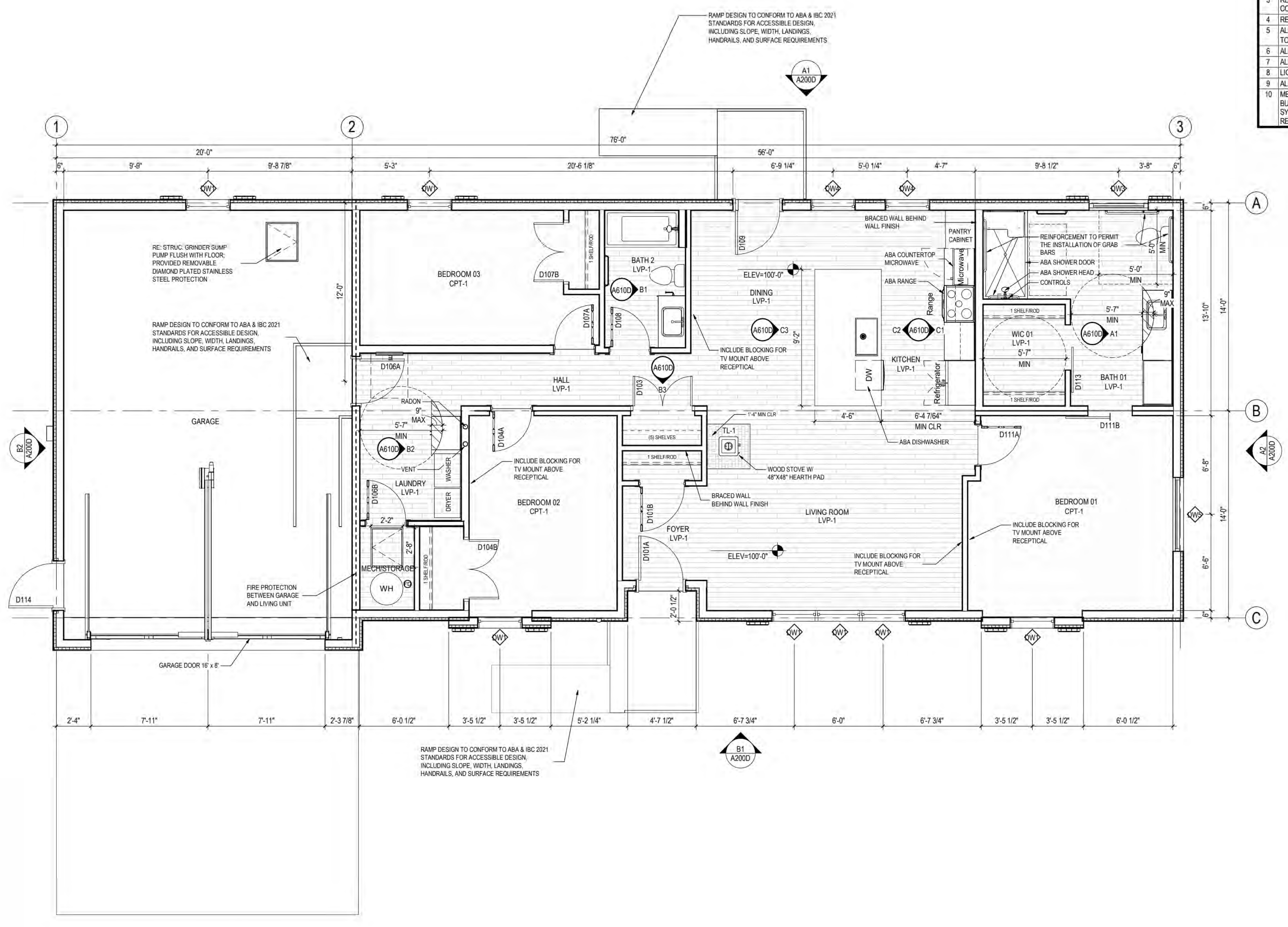
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.: A101D

TITLE OF SHEET: 3BR ABA FLOOR PLAN
YELLOWSTONE NATIONAL PARK

DRAWING NO.: 101
198433
PMIS/PKG NO.: 326141
SHEET: 64 OF 94


NOTES PLAN
1 REFERENCE ALL GENERAL NOTES ON SHEET A001
2 NIGHT SKY: PROJECT SHALL COMPLY WITH NPS AND PARK LIGHTING GUIDLINES 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.
3 REFERENCE ALL FIRE-SUPPRESSION SPRINKLER SYSTEM REQUIREMENTS ON SHEET A001. FIRE PROTECTION CONTRACTOR TO PROVIDE SPRINKLER SHOP DRAWINGS FOR ARCHITECT'S REVIEW AND APPROVAL.
4 REFER TO ELECTRICAL DRAWINGS FOR LIGHT SWITCH LOCATIONS.
5 ALL DIFFUSERS / GRILLS IN GYP. CEILING TO BE PAINTED TO MATCH ADJACENT FINISH. ALL COVE HEATERS TO MATCH CEILING FINISH.
6 ALL CEILING HEIGHTS TO BE 8' U.N.O
7 ALL GYP. BD. CEILINGS SHALL BE FINISHED TO LEVEL 5 FINISH AND PAINTED P-1 FLAT SHEEN, U.N.O.
8 LIGHT/FAN COMBO TO BE SATIN NICKEL U.N.O.
9 ALL CABINETS LOCATED IN THE KITCHEN TO RECIEVE UNDER COUNTER LIGHTING.
10 MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS TO BE ENGINEERED BY RESIDENTIAL MODULAR BUILDING MANUFACTURER. ALL ENGINEERING SHOWN IS SCHEMATIC AND FOR REFERENCE ONLY. ALL SYSTEMS MUST MEET MANUFACTURER RECOMMENDATIONS AND ALL APPLICABLE CODES AND AHJ REQUIREMENTS.
A1 A101D ABA FLOOR PLAN 1/4" = 1'-0"
PRELIMINARY NOT FOR CONSTRUCTION
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A/E: FIRM PRIME: STANTEC CHEYENNE, WY
DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: LF DATE: 06/18/2026
SUB SHEET NO.: A101D
TITLE OF SHEET: 3BR ABA FLOOR PLAN YELLOWSTONE NATIONAL PARK
DRAWING NO.: 101 198433 PMIS/PKG NO.: 326141 SHEET: 64 OF 94

IDENTICAL

NOTES PLAN

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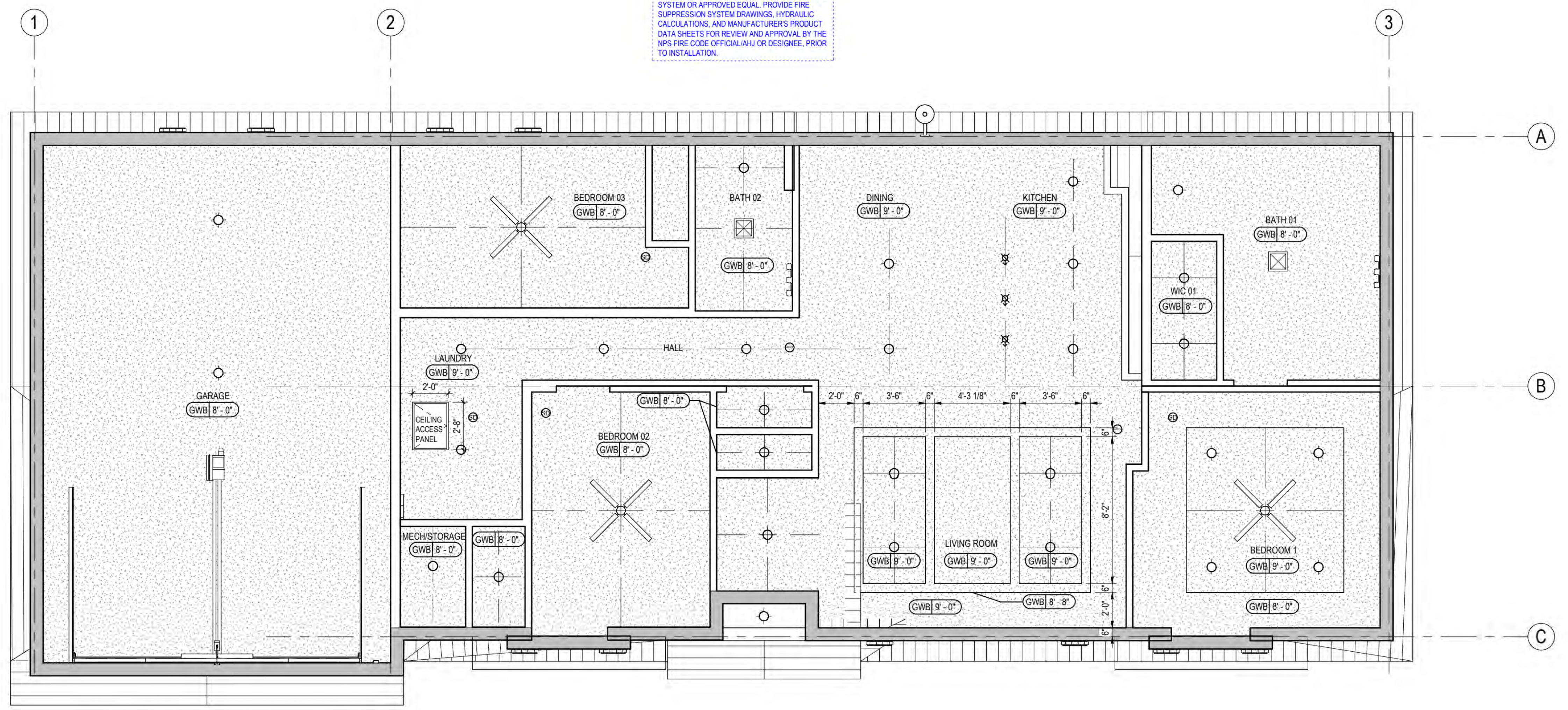
9	ALL CABINETS LOCATED IN THE KITCHEN TO RECEIVE UNDER COUNTER LIGHTING.

LIGHT FIXTURE SCHEDULE

FIXTURE	COUNT
LED WALL MOUNTED SCONCE	2
CEILING FAN WITH LED LIGHT FIXTURE	3
BATH FAN WITH LED LIGHT FIXTURE	2
RECESSED CANNED LIGHTING	29
LED PENDANT LIGHT	3
EXTERIOR DOWNLIGHT; COMPLY WITH EXTERIOR LIGHT REGULATIONS	1

FIRE SUPPRESSION SYSTEM TO BE PROVIDED. DELEGATED DESIGN. PROVIDE UPONOR AQUASAFE SYSTEM OR APPROVED EQUAL. PROVIDE FIRE SUPPRESSION SYSTEM DRAWINGS, HYDRAULIC CALCULATIONS, AND MANUFACTURER'S PRODUCT DATA SHEETS FOR REVIEW AND APPROVAL BY THE NPS FIRE CODE OFFICIAL/AHJ OR DESIGNEE, PRIOR TO INSTALLATION.



A1
A102C

REFLECTED CEILING PLAN

1/4" = 1'-0"

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A/E: FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: LF DATE: 06/18/2026	SUB SHEET NO. **A102C**	TITLE OF SHEET 3BR REFLECTED CEILING PLAN YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 65 OF 94

NOTES PLAN

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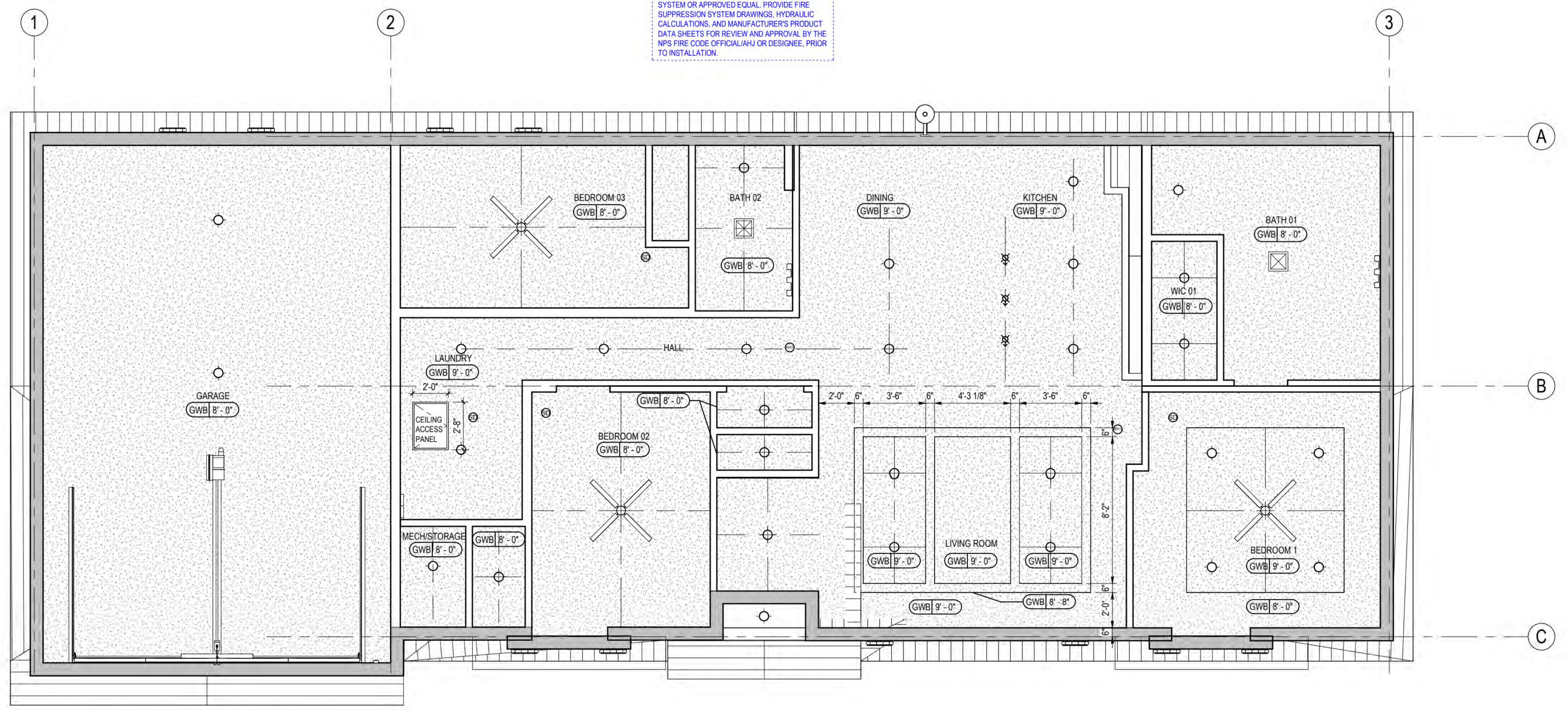
LIGHT FIXTURE SCHEDULE
FIXTURE COUNT
LED WALL MOUNTED SCONCE 2
CEILING FAN WITH LED LIGHT FIXTURE 3
BATH FAN WITH LED LIGHT FIXTURE 2
RECESSED CANNED LIGHTING 29
LED PENDANT LIGHT 3
EXTERIOR DOWNLIGHT; COMPLY WITH EXTERIOR LIGHT REGULATIONS 1

FIRE SUPPRESSION SYSTEM TO BE PROVIDED. DELEGATED DESIGN. PROVIDE UPONOR AQUASAFE SYSTEM OR APPROVED EQUAL. PROVIDE FIRE SUPPRESSION SYSTEM DRAWINGS, HYDRAULIC CALCULATIONS, AND MANUFACTURER'S PRODUCT DATA SHEETS FOR REVIEW AND APPROVAL BY THE NPS FIRE CODE OFFICIAL/AHJ OR DESIGNEE, PRIOR TO INSTALLATION.



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PRIME:
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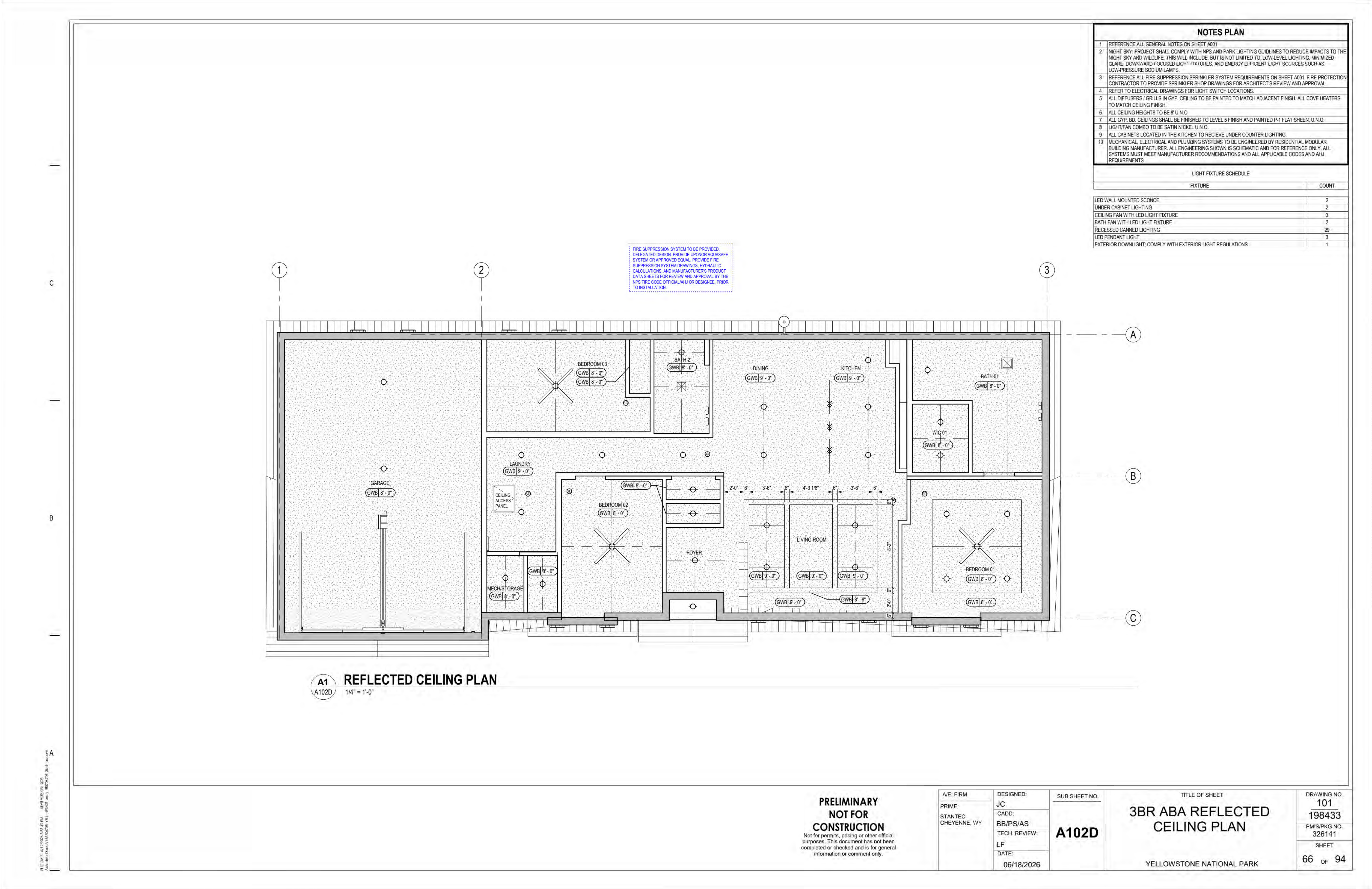
CHEYENNE, WY
DESIGNED:
JC
CADD:
BB/PS/AS
TECH. REVIEW:
LF
DATE:
06/18/2026
SUB SHEET NO.
A102C
TITLE OF SHEET
3BR REFLECTED CEILING PLAN
YELLOWSTONE NATIONAL PARK
DRAWING NO.
101
198433
PMIS/PKG NO.
326141
SHEET
65 OF 94

IDENTICAL



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LIGHT FIXTURE SCHEDULE

FIXTURE	COUNT
LED WALL MOUNTED SCONCE	2
UNDER CABINET LIGHTING	2
CEILING FAN WITH LED LIGHT FIXTURE	3
BATH FAN WITH LED LIGHT FIXTURE	2
RECESSED CANNED LIGHTING	29
LED PENDANT LIGHT	3
EXTERIOR DOWNLIGHT; COMPLY WITH EXTERIOR LIGHT REGULATIONS	1

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REFLECTED CEILING PLAN
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PRIME:
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CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO. A102D

TITLE OF SHEET
3BR ABA REFLECTED CEILING PLAN
YELLOWSTONE NATIONAL PARK

DRAWING NO. 101
198433
PMIS/PKG NO. 326141
SHEET 66 OF 94

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LIGHT FIXTURE SCHEDULE
FIXTURE COUNT
LED WALL MOUNTED SCONCE 2
UNDER CABINET LIGHTING 2
CEILING FAN WITH LED LIGHT FIXTURE 3
BATH FAN WITH LED LIGHT FIXTURE 2
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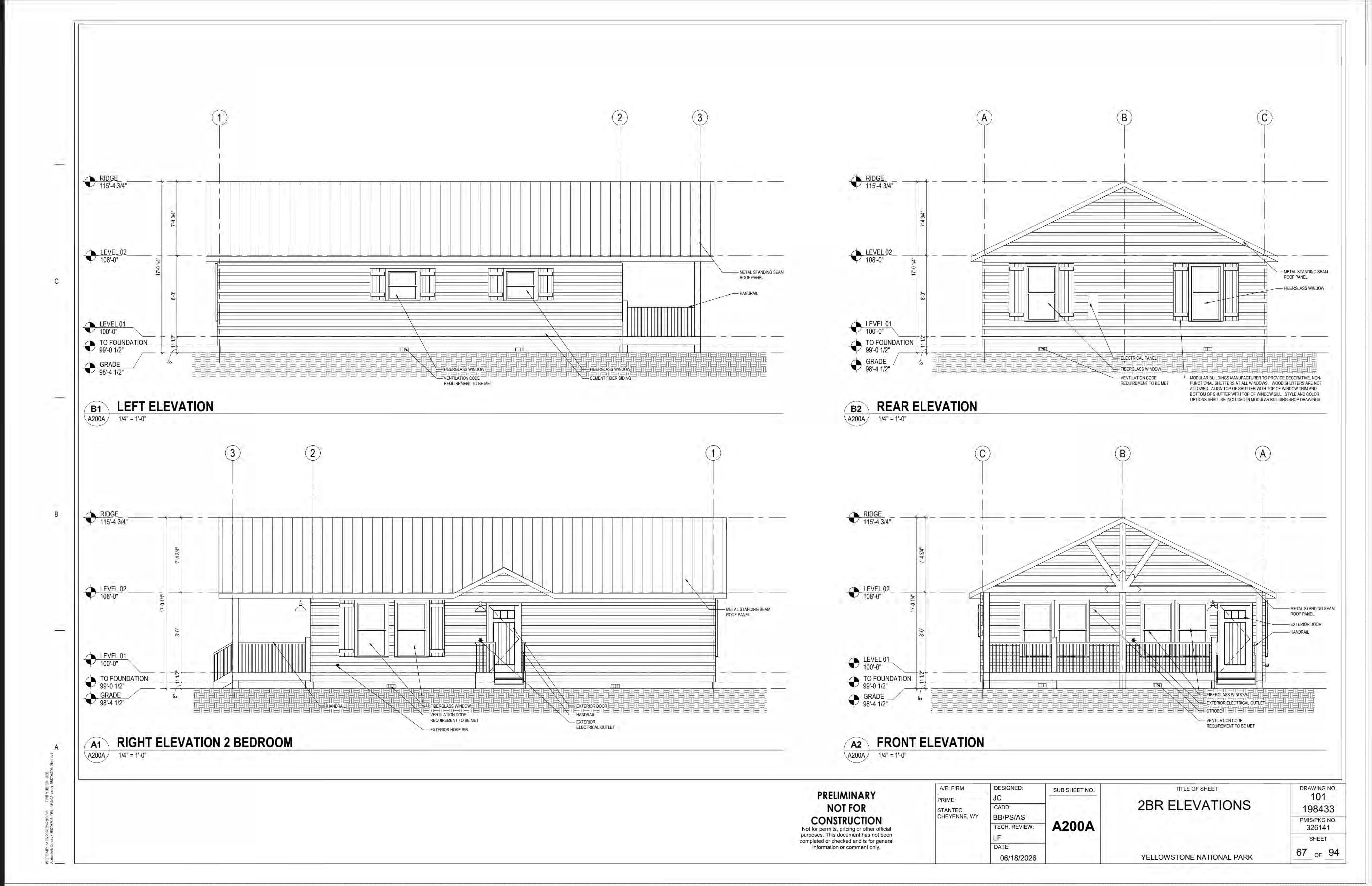
DRAWING NO. 101
198433
PMIS/PKG NO. 326141
SHEET 66 OF 94

IDENTICAL


1
2
3
RIDGE
115'-4 3/4"
LEVEL 02
108'-0"
LEVEL 01
100'-0"
TO FOUNDATION
99'-0 1/2"
GRADE
98'-4 1/2"
7'-4 3/4"
17'-0 1/4"
8'-0"
11 1/2"
8"
METAL STANDING SEAM ROOF PANEL
HANDRAIL
FIBERGLASS WINDOW
VENTILATION CODE REQUIREMENT TO BE MET
CEMENT FIBER SIDING
A
B
C
ELECTRICAL PANEL
MODULAR BUILDINGS MANUFACTURER TO PROVIDE DECORATIVE, NON-FUNCTIONAL SHUTTERS AT ALL WINDOWS. WOOD SHUTTERS ARE NOT ALLOWED. ALIGN TOP OF SHUTTER WITH TOP OF WINDOW TRIM AND BOTTOM OF SHUTTER WITH TOP OF WINDOW SILL. STYLE AND COLOR OPTIONS SHALL BE INCLUDED IN MODULAR BUILDING SHOP DRAWINGS.
EXTERIOR HOSE BIB
EXTERIOR DOOR
EXTERIOR ELECTRICAL OUTLET
STROBE

B1 A200A **LEFT ELEVATION**
1/4" = 1'-0"

B2 A200A **REAR ELEVATION**
1/4" = 1'-0"

A1 A200A **RIGHT ELEVATION 2 BEDROOM**
1/4" = 1'-0"

A2 A200A **FRONT ELEVATION**
1/4" = 1'-0"

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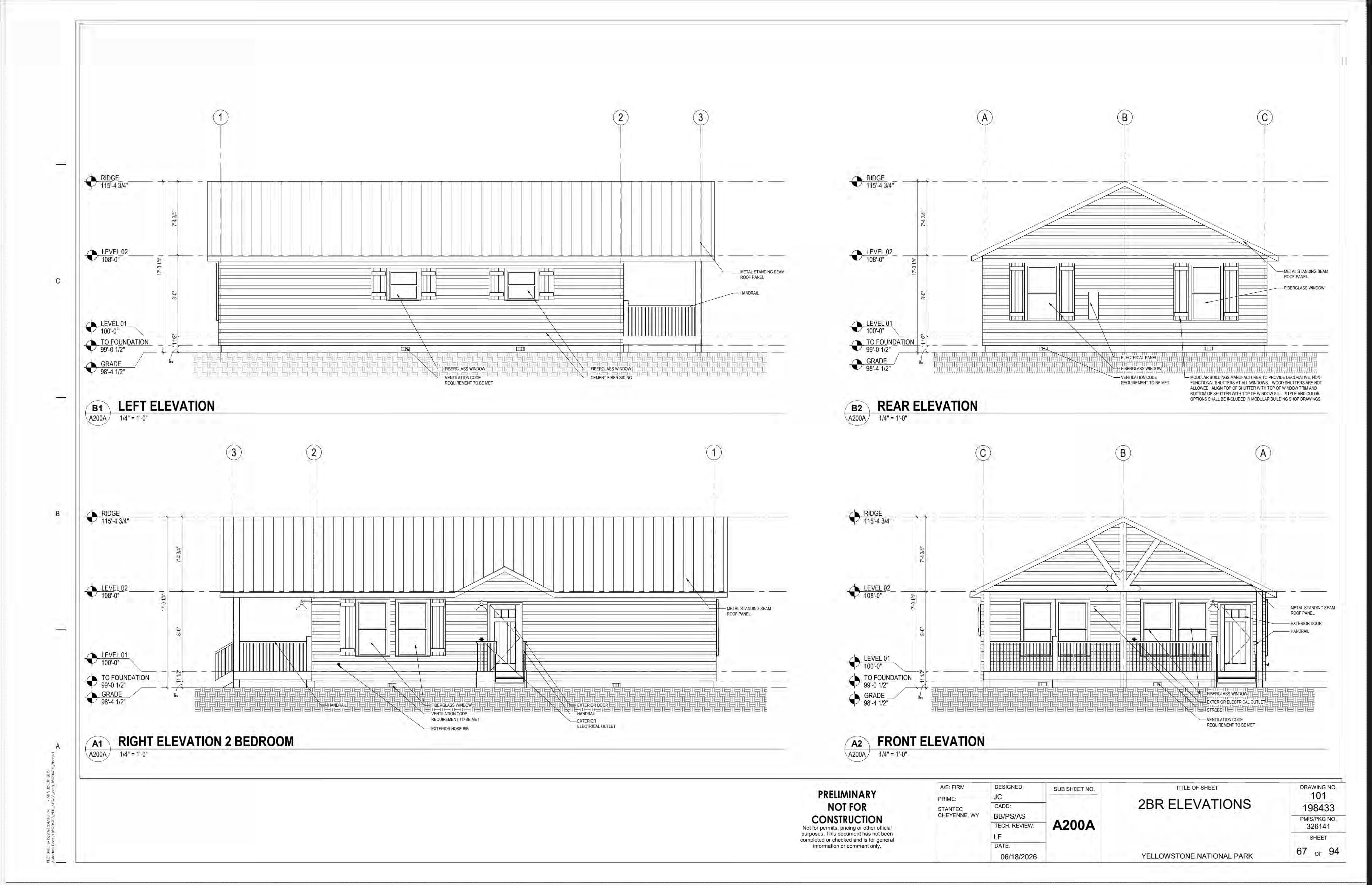
A200A

TITLE OF SHEET
2BR ELEVATIONS
YELLOWSTONE NATIONAL PARK

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

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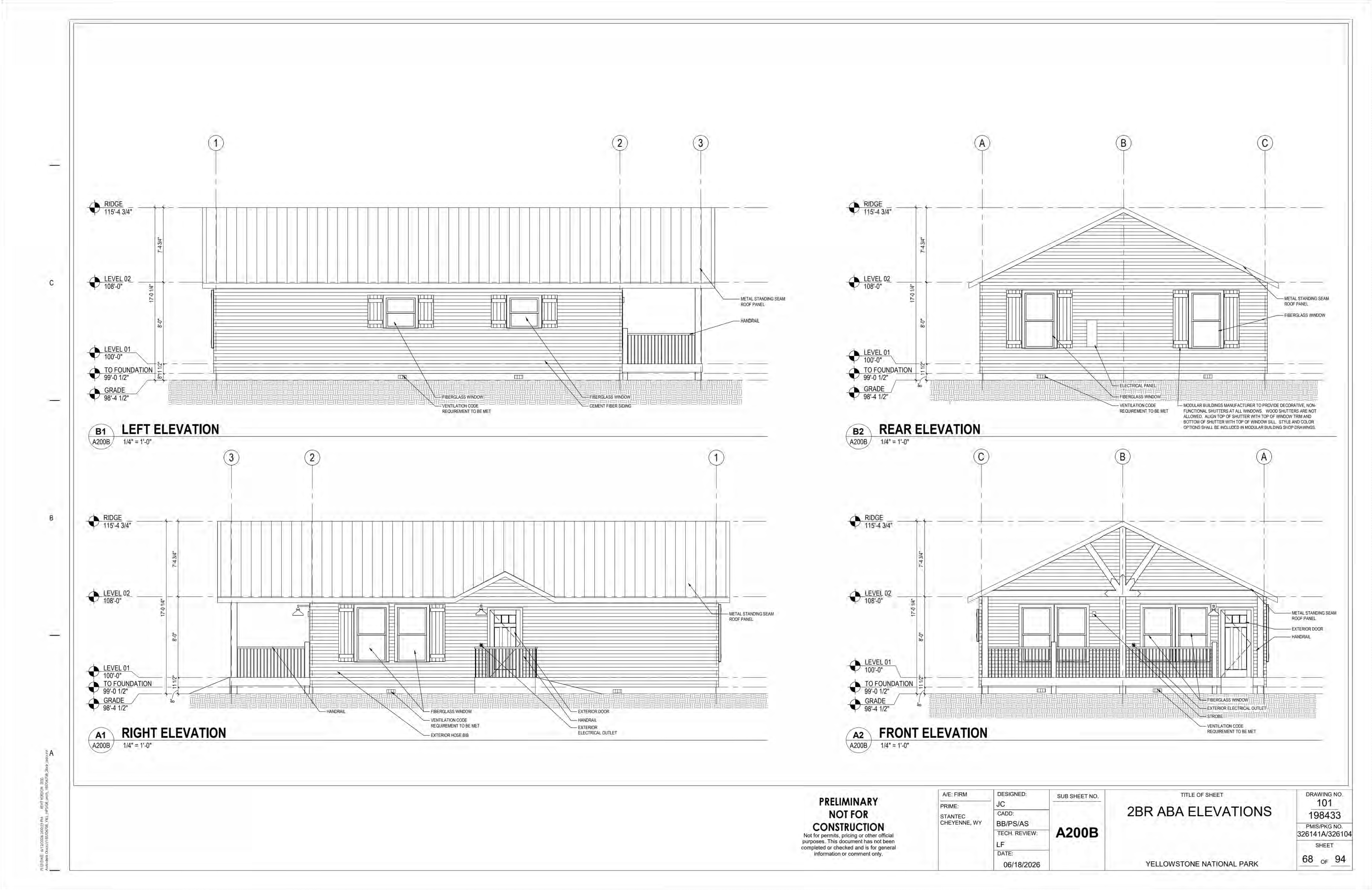
1
2
3
RIDGE 115'-4 3/4"
LEVEL 02 108'-0"
LEVEL 01 100'-0"
TO FOUNDATION 99'-0 1/2"
GRADE 98'-4 1/2"
7'-4 3/4"
17'-0 1/4"
8'-0"
11 1/2"
8"
METAL STANDING SEAM ROOF PANEL
HANDRAIL
FIBERGLASS WINDOW
VENTILATION CODE REQUIREMENT TO BE MET
FIBERGLASS WINDOW
CEMENT FIBER SIDING
B1 A200B
A
B
C
ELECTRICAL PANEL
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B2 A200B
EXTERIOR DOOR
EXTERIOR ELECTRICAL OUTLET
EXTERIOR HOSE BIB
A1 A200B
STROBE
A2 A200B

LEFT ELEVATION 1/4" = 1'-0"

REAR ELEVATION 1/4" = 1'-0"

RIGHT ELEVATION 1/4" = 1'-0"

FRONT ELEVATION 1/4" = 1'-0"

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TITLE OF SHEET
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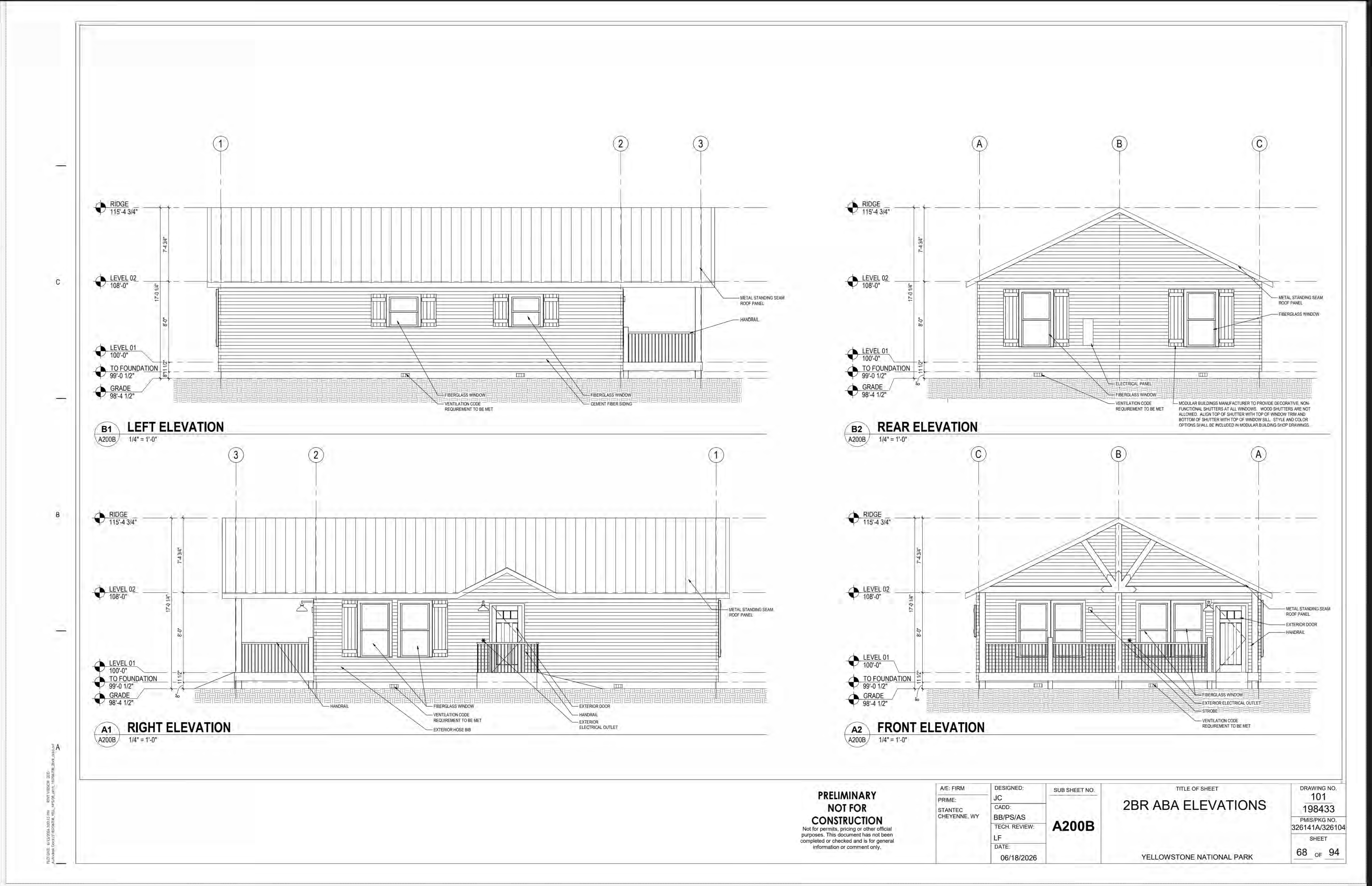
198433
PMIS/PKG NO. 326141A/326104
SHEET 68 OF 94


LEFT ELEVATION 1/4" = 1'-0"
REAR ELEVATION 1/4" = 1'-0"
RIGHT ELEVATION 1/4" = 1'-0"
FRONT ELEVATION 1/4" = 1'-0"
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SHEET 68 OF 94

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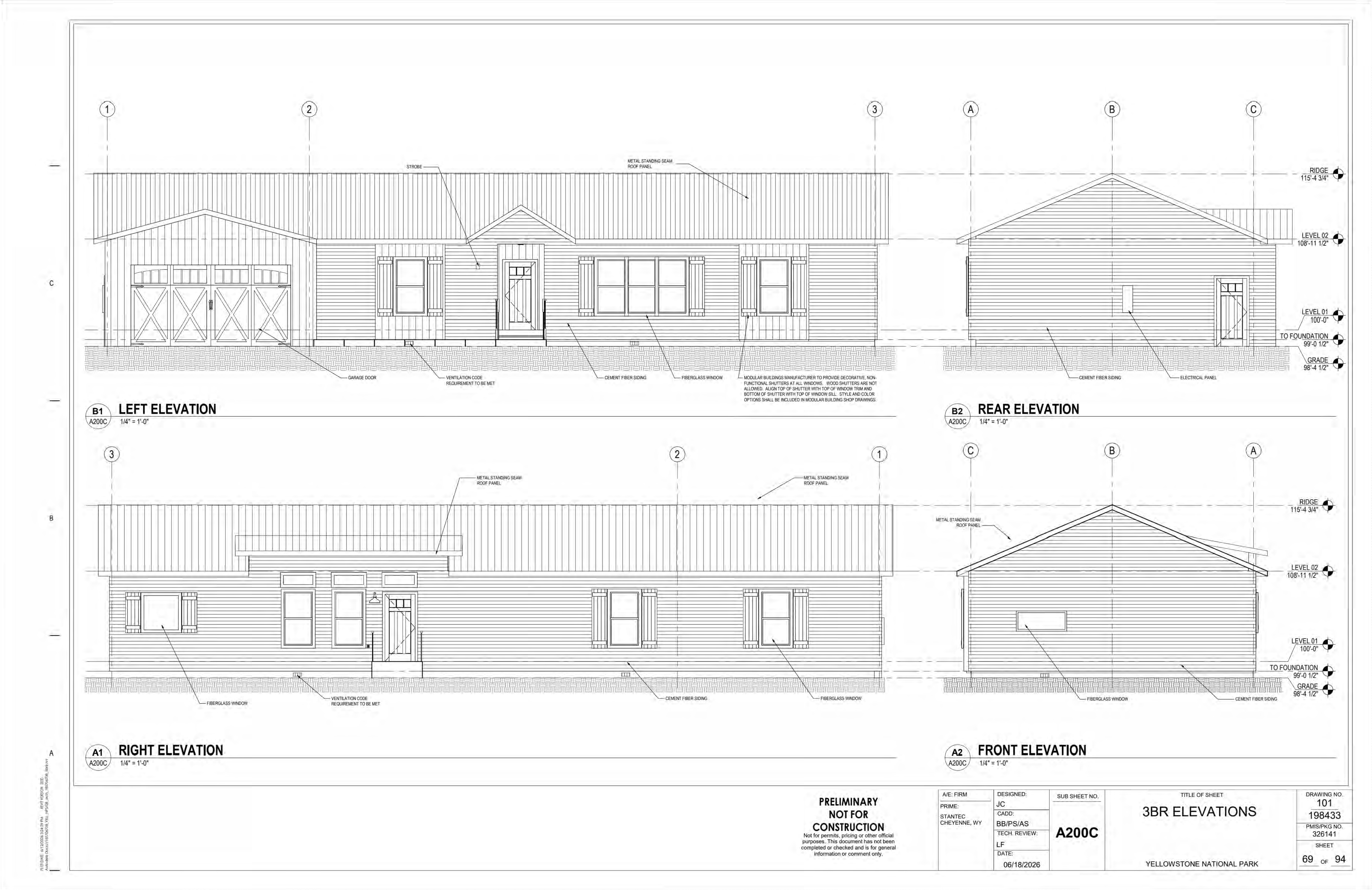

1
2
3
A
B
C
STROBE
METAL STANDING SEAM ROOF PANEL
GARAGE DOOR
VENTILATION CODE REQUIREMENT TO BE MET
CEMENT FIBER SIDING
FIBERGLASS WINDOW
MODULAR BUILDINGS MANUFACTURER TO PROVIDE DECORATIVE, NON-FUNCTIONAL SHUTTERS AT ALL WINDOWS. WOOD SHUTTERS ARE NOT ALLOWED. ALIGN TOP OF SHUTTER WITH TOP OF WINDOW TRIM AND BOTTOM OF SHUTTER WITH TOP OF WINDOW SILL. STYLE AND COLOR OPTIONS SHALL BE INCLUDED IN MODULAR BUILDING SHOP DRAWINGS.
B1 A200C
LEFT ELEVATION
1/4" = 1'-0"
ELECTRICAL PANEL
RIDGE 115'-4 3/4"
LEVEL 02 108'-11 1/2"
LEVEL 01 100'-0"
TO FOUNDATION 99'-0 1/2"
GRADE 98'-4 1/2"
B2 A200C
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A1 A200C
RIGHT ELEVATION
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A2 A200C
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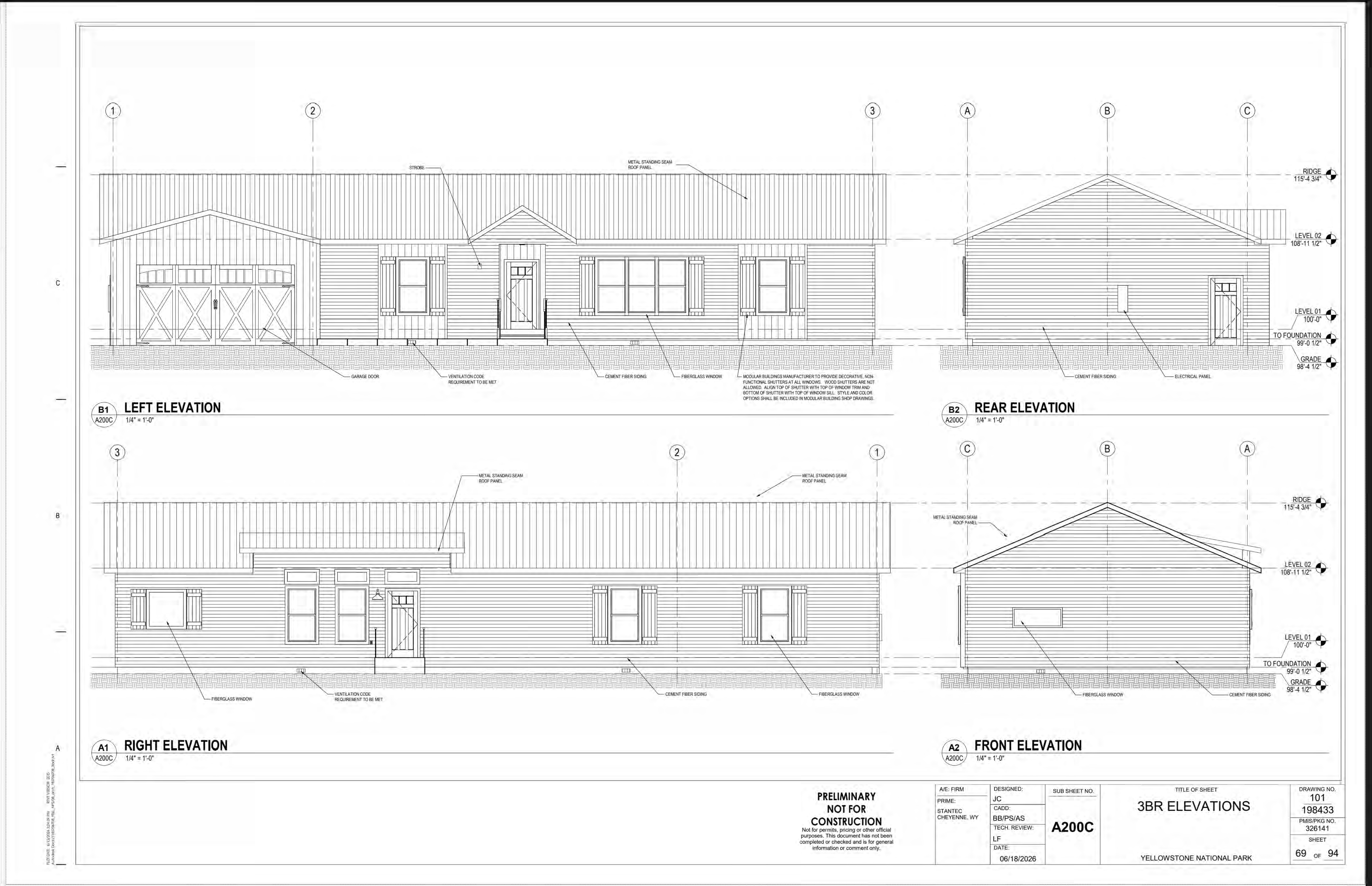

1
2
3
A
B
C
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METAL STANDING SEAM ROOF PANEL
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1/4" = 1'-0"
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LEVEL 01 100'-0"
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GRADE 98'-4 1/2"
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A1 A200C
RIGHT ELEVATION
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A2 A200C
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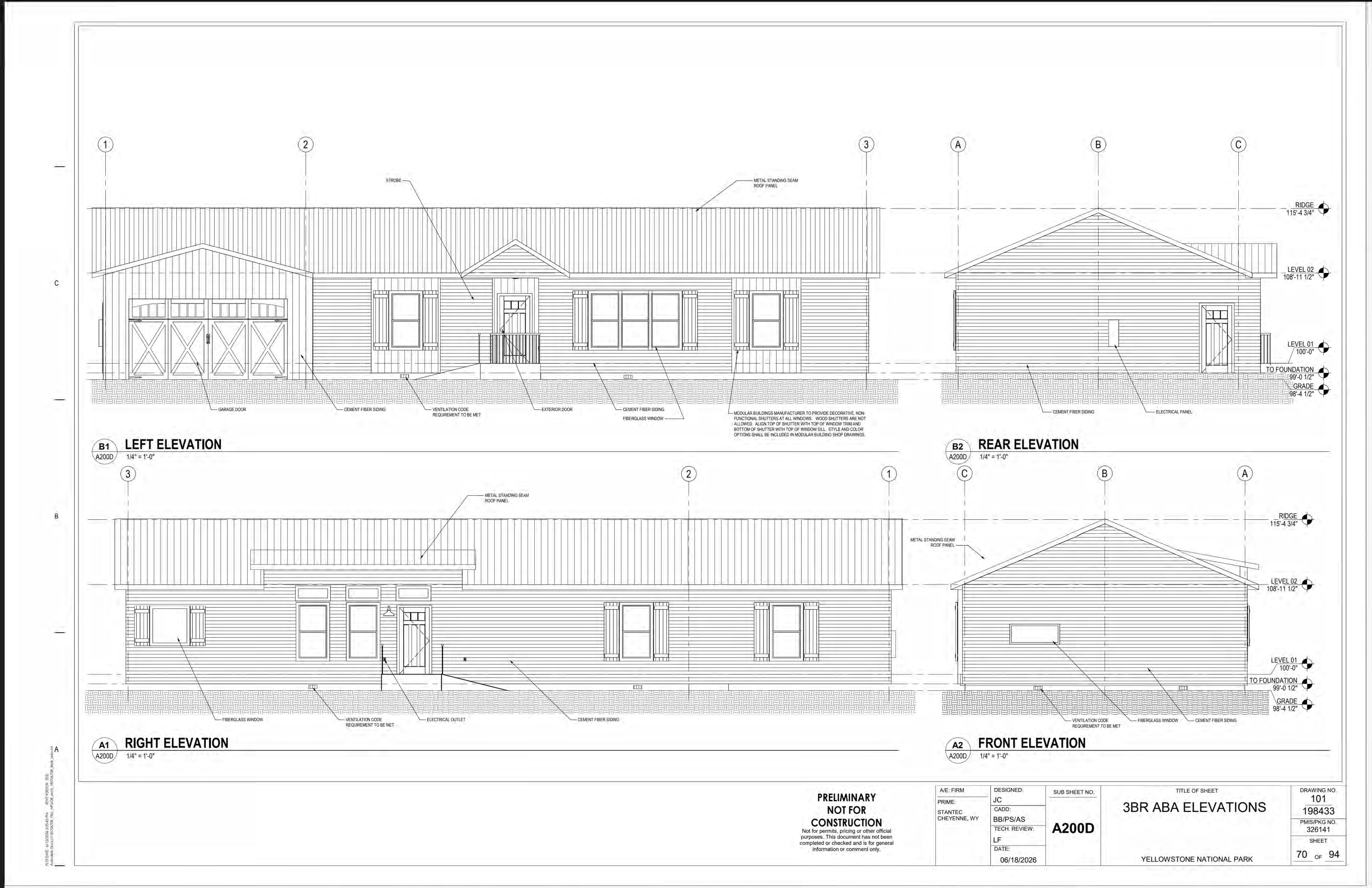
IDENTICAL



1
2
3
A
B
C
STROBE
METAL STANDING SEAM ROOF PANEL
RIDGE 115'-4 3/4"
LEVEL 02 108'-11 1/2"
LEVEL 01 100'-0"
TO FOUNDATION 99'-0 1/2"
GRADE 98'-4 1/2"
GARAGE DOOR
CEMENT FIBER SIDING
VENTILATION CODE REQUIREMENT TO BE MET
EXTERIOR DOOR
CEMENT FIBER SIDING
FIBERGLASS WINDOW
MODULAR BUILDINGS MANUFACTURER TO PROVIDE DECORATIVE, NON-FUNCTIONAL SHUTTERS AT ALL WINDOWS. WOOD SHUTTERS ARE NOT ALLOWED. ALIGN TOP OF SHUTTER WITH TOP OF WINDOW TRIM AND BOTTOM OF SHUTTER WITH TOP OF WINDOW SILL. STYLE AND COLOR OPTIONS SHALL BE INCLUDED IN MODULAR BUILDING SHOP DRAWINGS.
CEMENT FIBER SIDING
ELECTRICAL PANEL
B1 A200D LEFT ELEVATION 1/4" = 1'-0"
B2 A200D REAR ELEVATION 1/4" = 1'-0"
3
2
1
C
B
A
METAL STANDING SEAM ROOF PANEL
FIBERGLASS WINDOW
VENTILATION CODE REQUIREMENT TO BE MET
ELECTRICAL OUTLET
CEMENT FIBER SIDING
METAL STANDING SEAM ROOF PANEL
RIDGE 115'-4 3/4"
LEVEL 02 108'-11 1/2"
LEVEL 01 100'-0"
TO FOUNDATION 99'-0 1/2"
GRADE 98'-4 1/2"
VENTILATION CODE REQUIREMENT TO BE MET
FIBERGLASS WINDOW
CEMENT FIBER SIDING
A1 A200D RIGHT ELEVATION 1/4" = 1'-0"
A2 A200D FRONT ELEVATION 1/4" = 1'-0"

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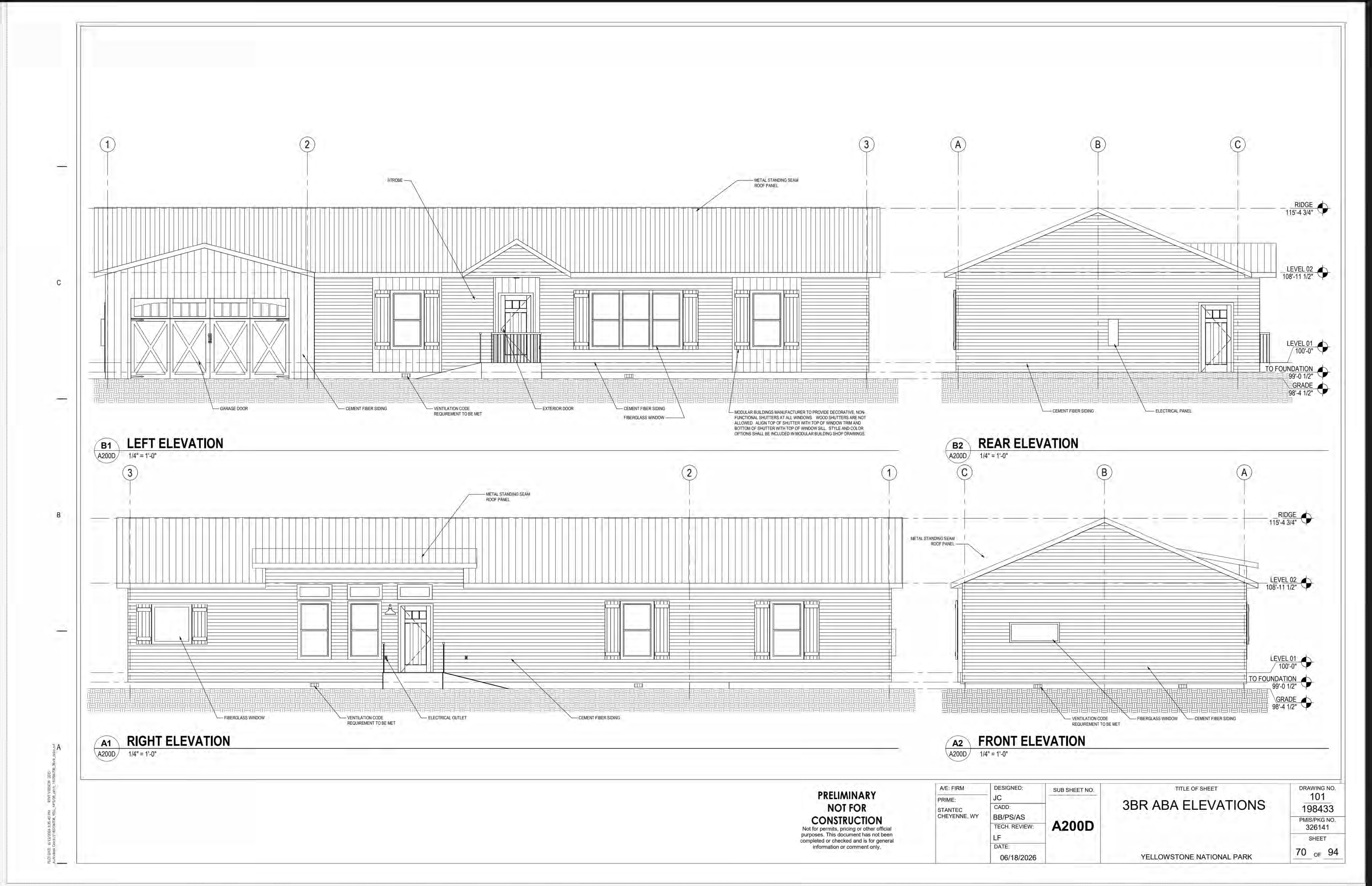
A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A200D

TITLE OF SHEET
3BR ABA ELEVATIONS
YELLOWSTONE NATIONAL PARK

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



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101
198433
PMIS/PKG NO.
326141
SHEET
70 OF 94

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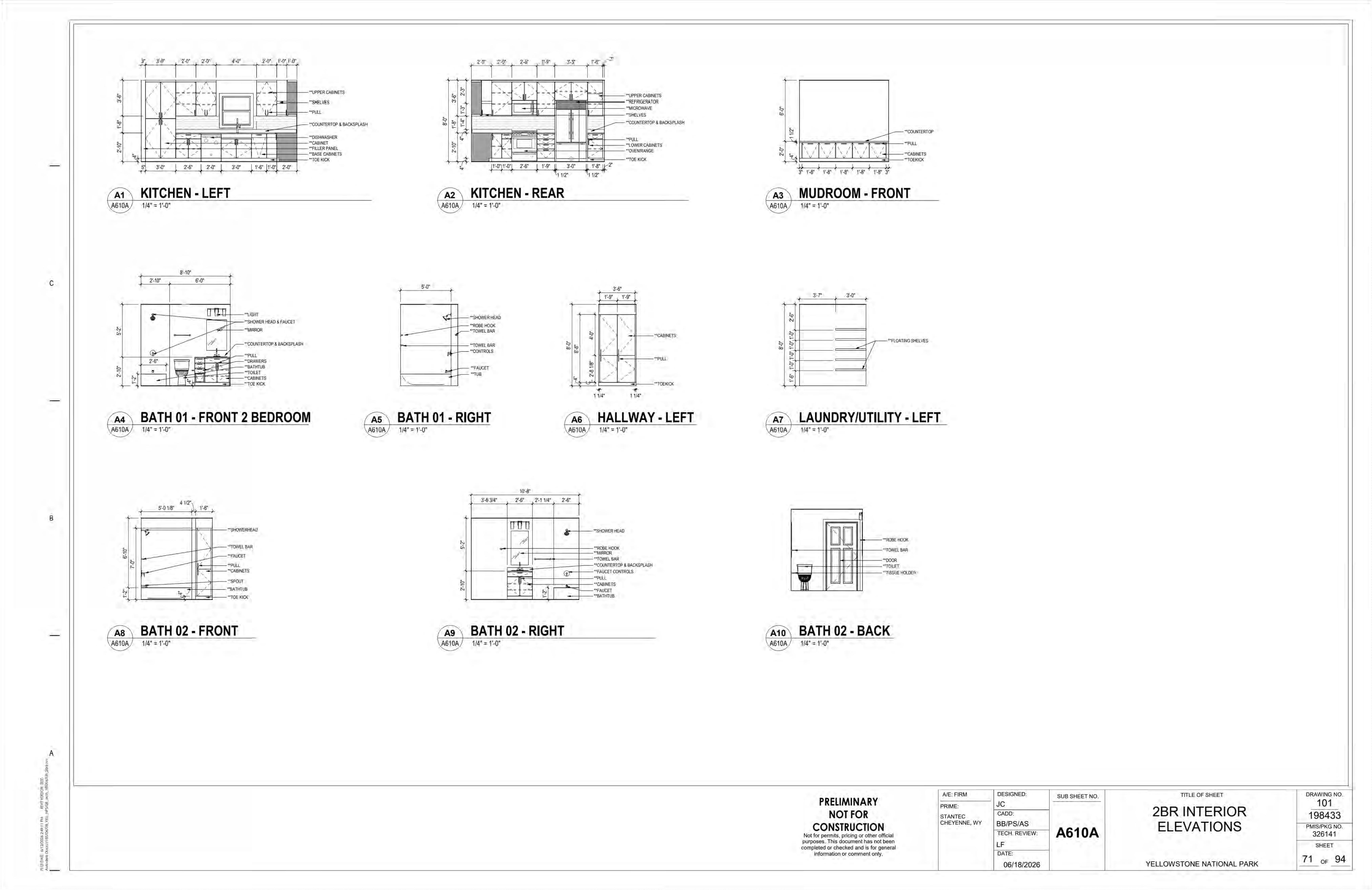

A1 A610A **KITCHEN - LEFT**
1/4" = 1'-0"

A2 A610A **KITCHEN - REAR**
1/4" = 1'-0"

A3 A610A **MUDROOM - FRONT**
1/4" = 1'-0"

A4 A610A **BATH 01 - FRONT 2 BEDROOM**
1/4" = 1'-0"

A5 A610A **BATH 01 - RIGHT**
1/4" = 1'-0"

A6 A610A **HALLWAY - LEFT**
1/4" = 1'-0"

A7 A610A **LAUNDRY/UTILITY - LEFT**
1/4" = 1'-0"

A8 A610A **BATH 02 - FRONT**
1/4" = 1'-0"

A9 A610A **BATH 02 - RIGHT**
1/4" = 1'-0"

A10 A610A **BATH 02 - BACK**
1/4" = 1'-0"

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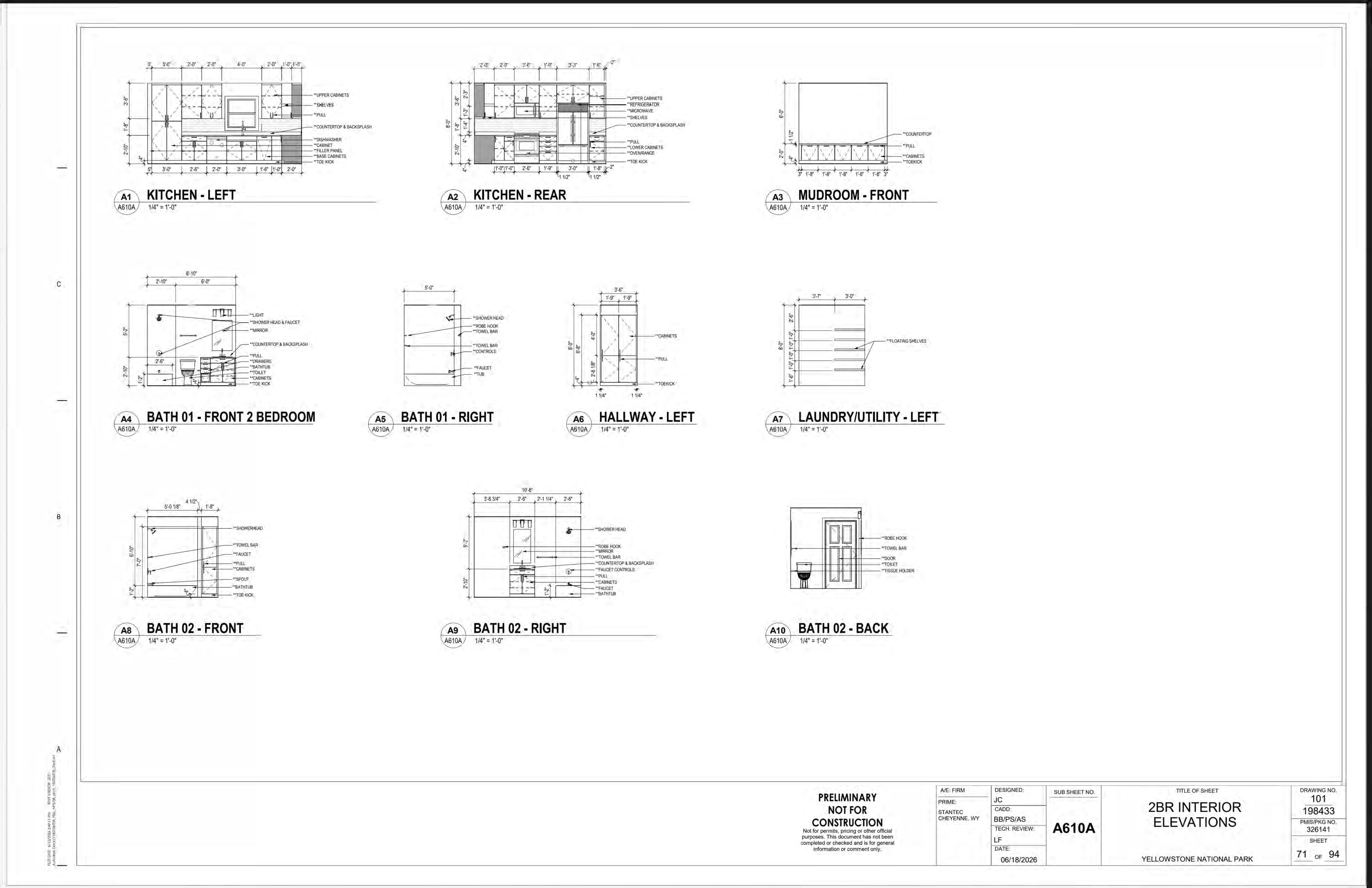
A/E: FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	JC CADD: BB/PS/AS TECH. REVIEW: LF DATE: 06/18/2026	**A610A**	2BR INTERIOR ELEVATIONS YELLOWSTONE NATIONAL PARK	101 198433 PMIS/PKG NO. 326141 SHEET 71 OF 94


A1 A610A **KITCHEN - LEFT**
1/4" = 1'-0"

A2 A610A **KITCHEN - REAR**
1/4" = 1'-0"

A3 A610A **MUDROOM - FRONT**
1/4" = 1'-0"

A4 A610A **BATH 01 - FRONT 2 BEDROOM**
1/4" = 1'-0"

A5 A610A **BATH 01 - RIGHT**
1/4" = 1'-0"

A6 A610A **HALLWAY - LEFT**
1/4" = 1'-0"

A7 A610A **LAUNDRY/UTILITY - LEFT**
1/4" = 1'-0"

A8 A610A **BATH 02 - FRONT**
1/4" = 1'-0"

A9 A610A **BATH 02 - RIGHT**
1/4" = 1'-0"

A10 A610A **BATH 02 - BACK**
1/4" = 1'-0"

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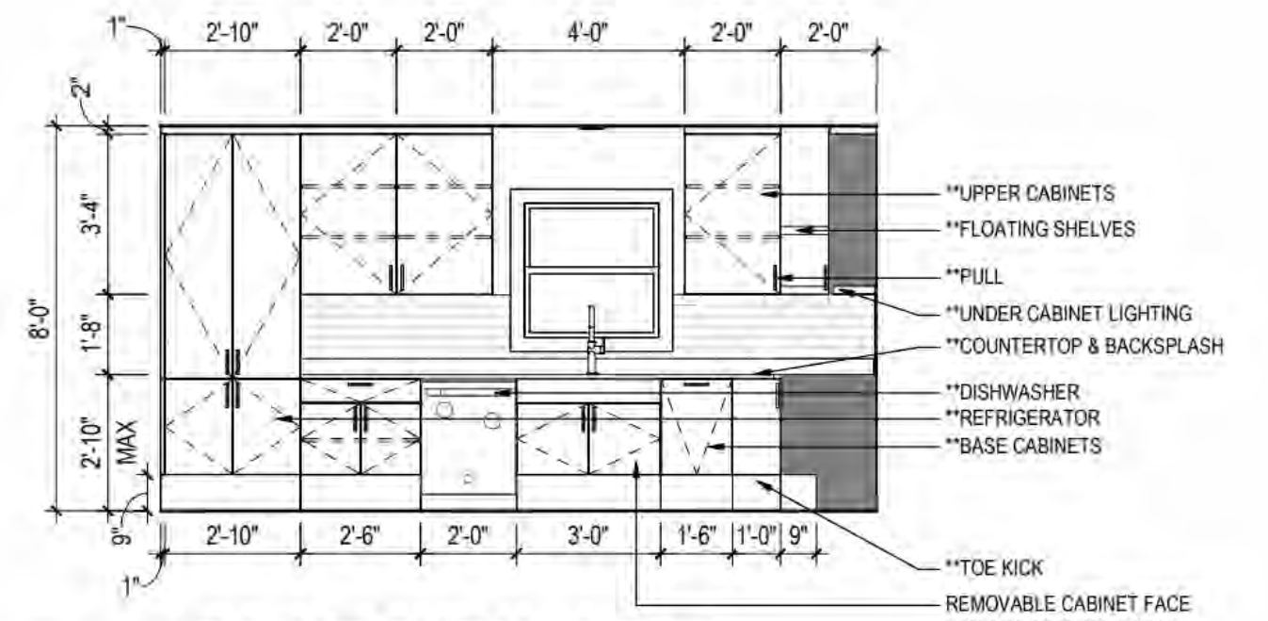
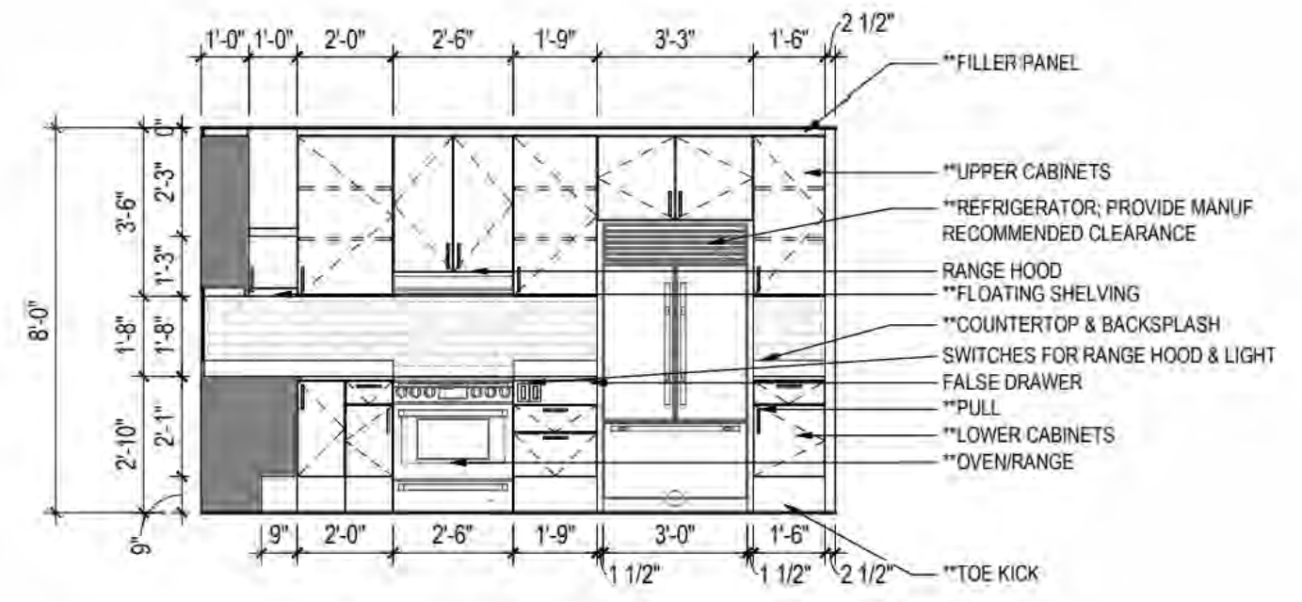
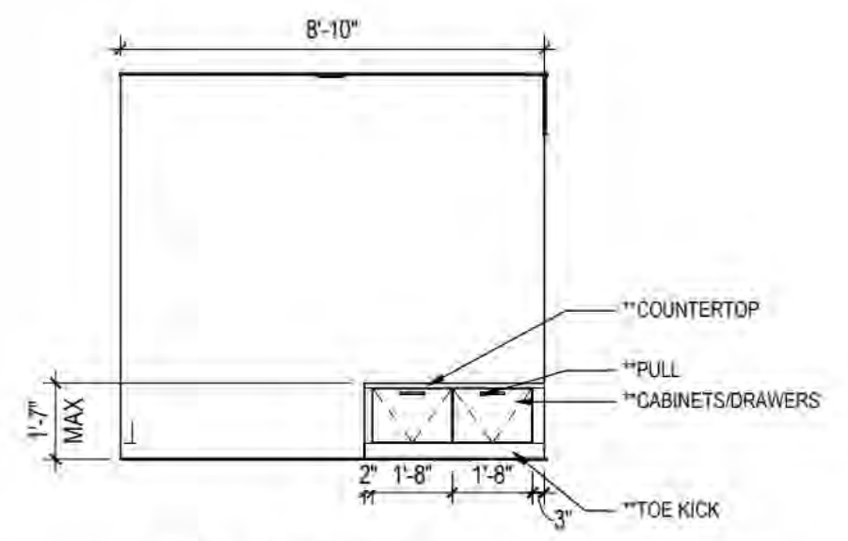


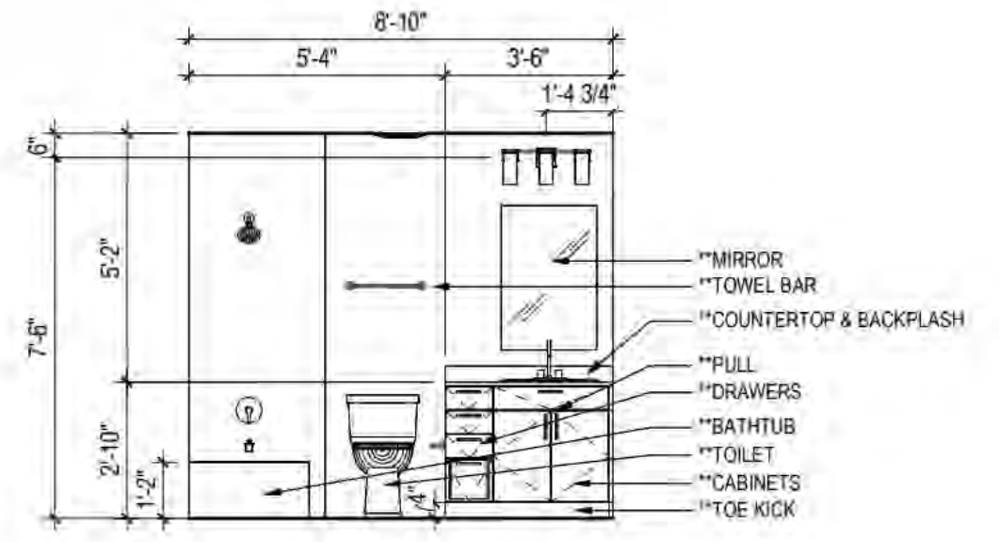
B1 / A610B **ABA KITCHEN - LEFT**
1/4" = 1'-0"



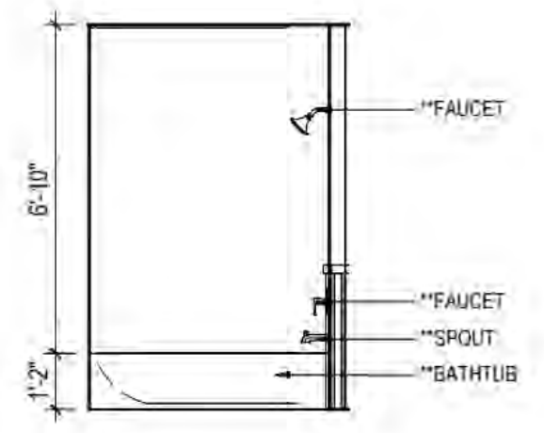
B2 / A610B **ABA KITCHEN - REAR**
1/4" = 1'-0"



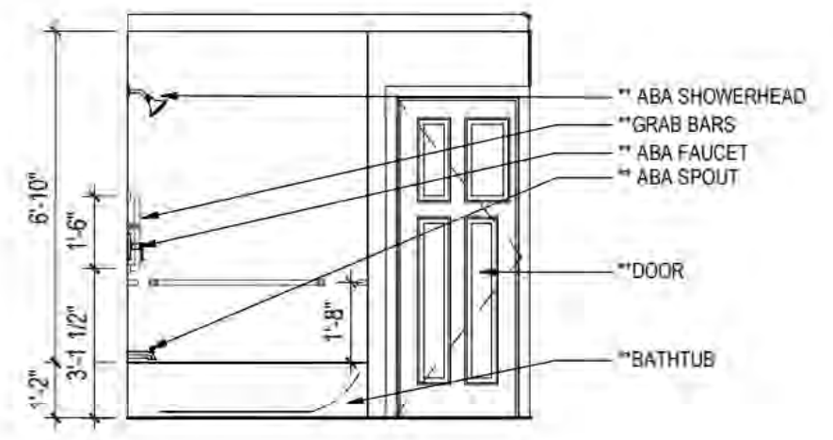
B3 / A610B **ABA MUDROOM - FRONT**
1/4" = 1'-0"



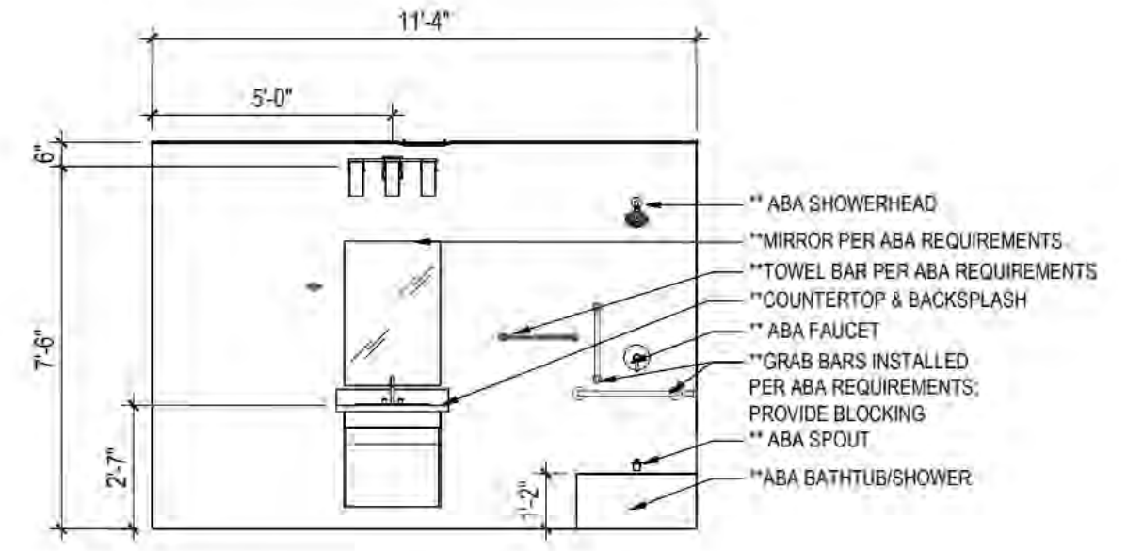
B4 / A610B **BATH 01 - FRONT**
1/4" = 1'-0"



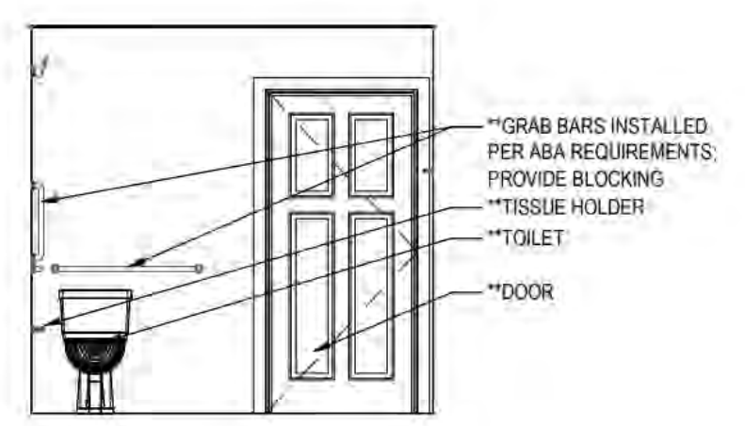
B5 / A610B **BATH 01 - RIGHT**
1/4" = 1'-0"



B6 / A610B **ABA BATH 02 - FRONT**
1/4" = 1'-0"



B7 / A610B **ABA BATH 02 - RIGHT**
1/4" = 1'-0"



B8 / A610B **ABA BATH 02 - BACK**
1/4" = 1'-0"

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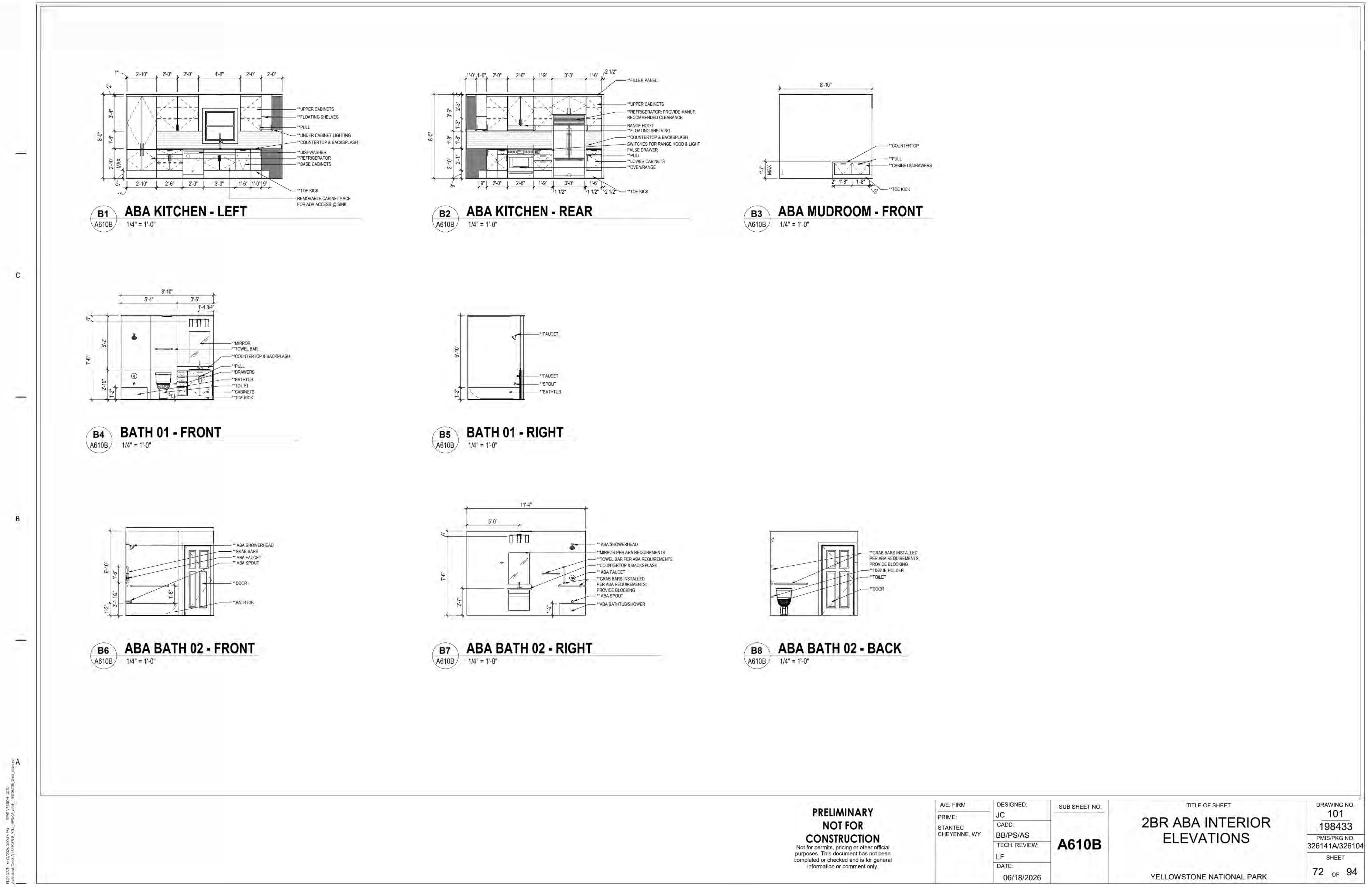
DATE: 06/18/2026

SUB SHEET NO.
A610B

TITLE OF SHEET
2BR ABA INTERIOR
ELEVATIONS
YELLOWSTONE NATIONAL PARK

DRAWING NO.
101
198433
PMIS/PKG NO.
326141A/326104
SHEET
72 OF 94


B1 A610B ABA KITCHEN - LEFT 1/4" = 1'-0"
B2 A610B ABA KITCHEN - REAR 1/4" = 1'-0"
B3 A610B ABA MUDROOM - FRONT 1/4" = 1'-0"
B4 A610B BATH 01 - FRONT 1/4" = 1'-0"
B5 A610B BATH 01 - RIGHT 1/4" = 1'-0"
B6 A610B ABA BATH 02 - FRONT 1/4" = 1'-0"
B7 A610B ABA BATH 02 - RIGHT 1/4" = 1'-0"
B8 A610B ABA BATH 02 - BACK 1/4" = 1'-0"
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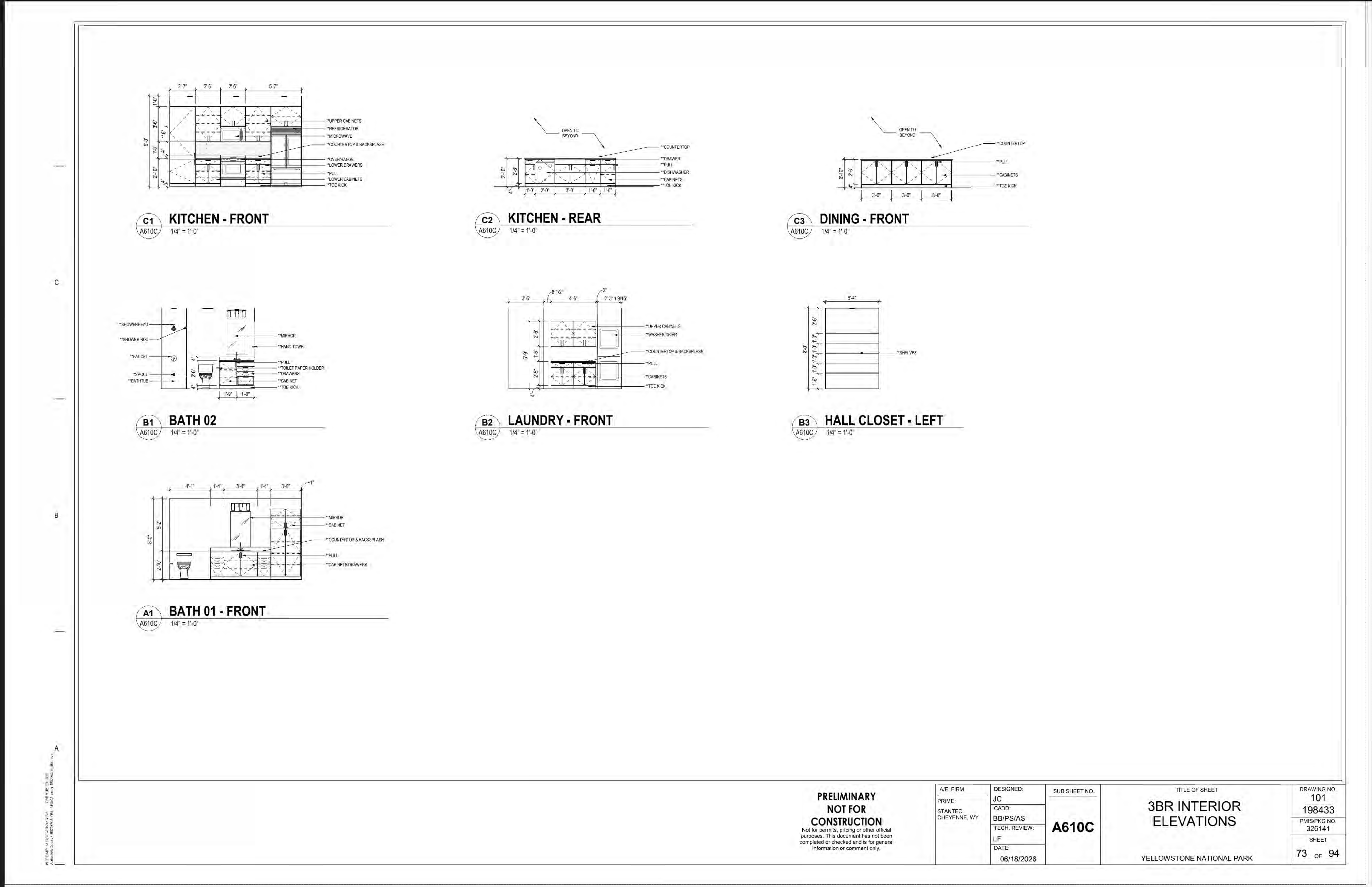
DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: LF DATE: 06/18/2026
SUB SHEET NO. A610B
TITLE OF SHEET 2BR ABA INTERIOR ELEVATIONS YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433 PMIS/PKG NO. 326141A/326104 SHEET 72 OF 94

IDENTICAL



C1 A610C **KITCHEN - FRONT**
1/4" = 1'-0"

C2 A610C **KITCHEN - REAR**
1/4" = 1'-0"

C3 A610C **DINING - FRONT**
1/4" = 1'-0"

B1 A610C **BATH 02**
1/4" = 1'-0"

B2 A610C **LAUNDRY - FRONT**
1/4" = 1'-0"

B3 A610C **HALL CLOSET - LEFT**
1/4" = 1'-0"

A1 A610C **BATH 01 - FRONT**
1/4" = 1'-0"

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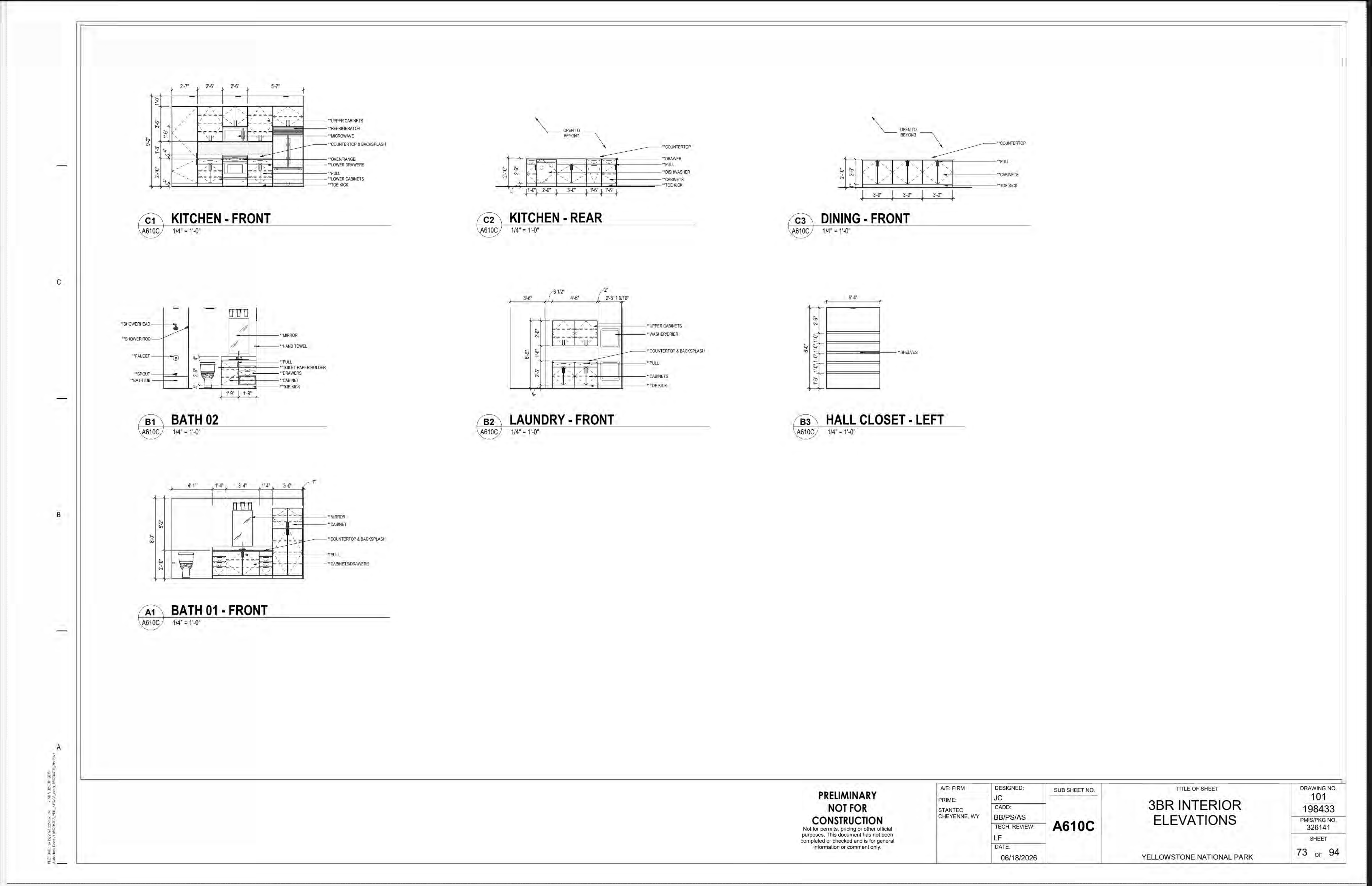
TECH. REVIEW: LF
DATE: 06/18/2026

SUB SHEET NO.
A610C

TITLE OF SHEET
3BR INTERIOR
ELEVATIONS
YELLOWSTONE NATIONAL PARK

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



C1 A610C **KITCHEN - FRONT**
1/4" = 1'-0"

C2 A610C **KITCHEN - REAR**
1/4" = 1'-0"

C3 A610C **DINING - FRONT**
1/4" = 1'-0"

B1 A610C **BATH 02**
1/4" = 1'-0"

B2 A610C **LAUNDRY - FRONT**
1/4" = 1'-0"

B3 A610C **HALL CLOSET - LEFT**
1/4" = 1'-0"

A1 A610C **BATH 01 - FRONT**
1/4" = 1'-0"

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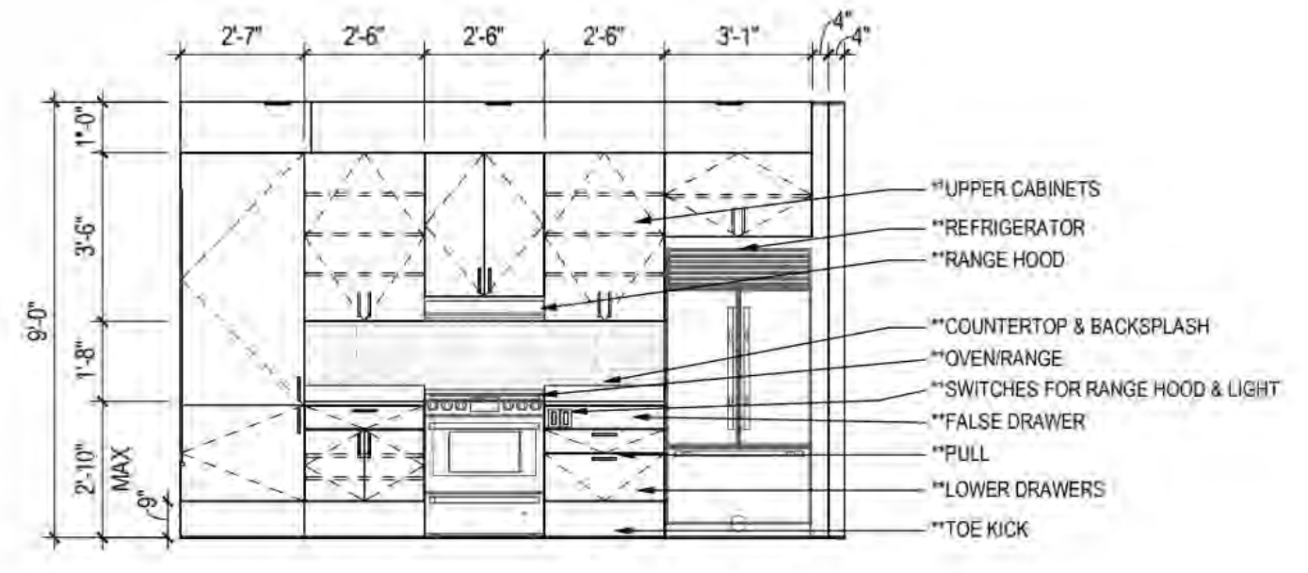
DATE: 06/18/2026

SUB SHEET NO.
A610C

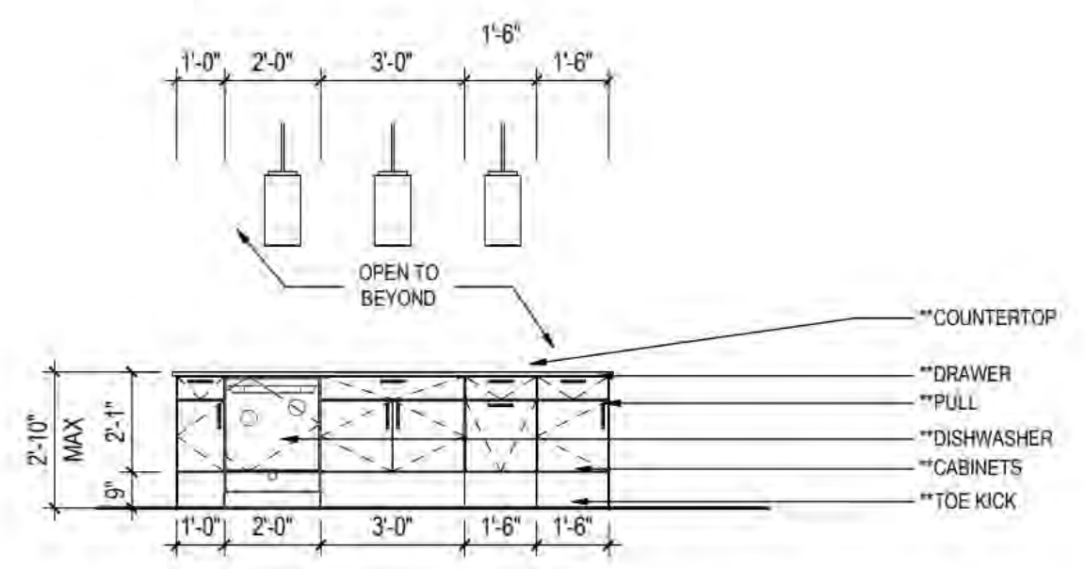
TITLE OF SHEET
3BR INTERIOR
ELEVATIONS
YELLOWSTONE NATIONAL PARK

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

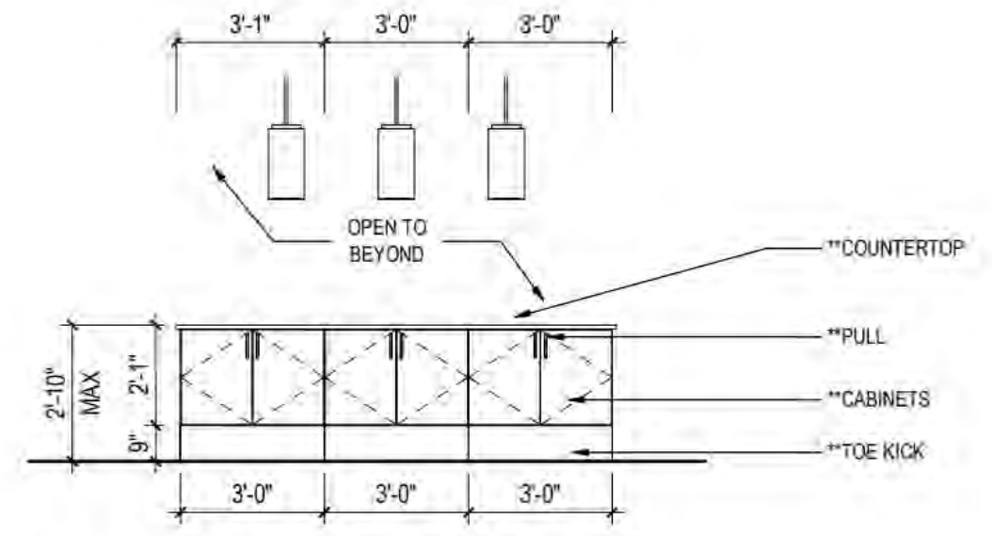
IDENTICAL



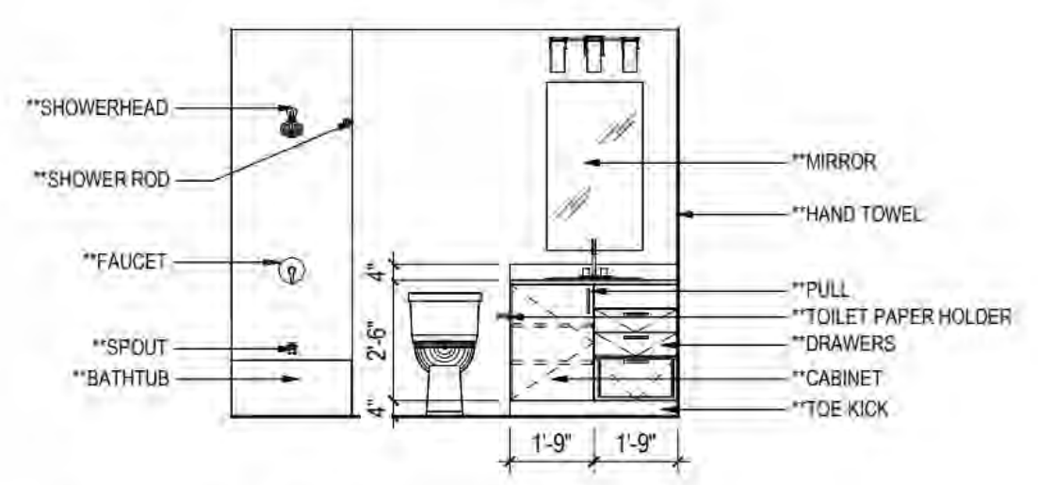
C1 A610D **ABA KITCHEN - FRONT**
1/4" = 1'-0"



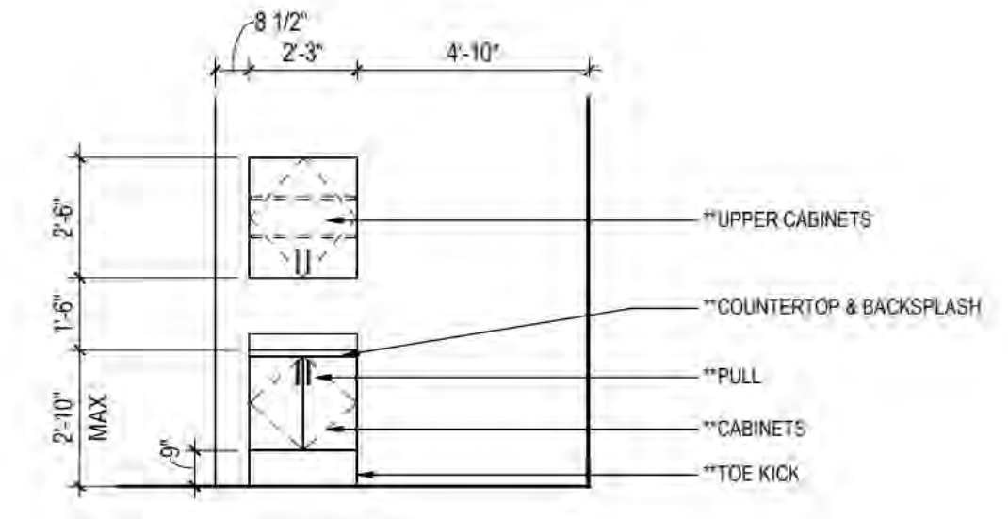
C2 A610D **ABA KITCHEN - REAR**
1/4" = 1'-0"



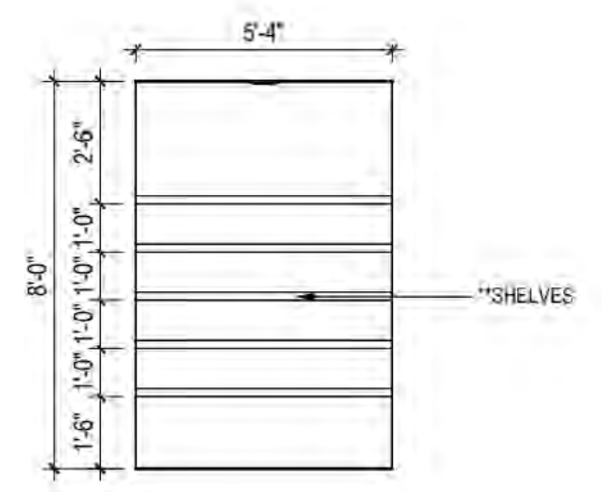
C3 A610D **ABA DINING - FRONT**
1/4" = 1'-0"



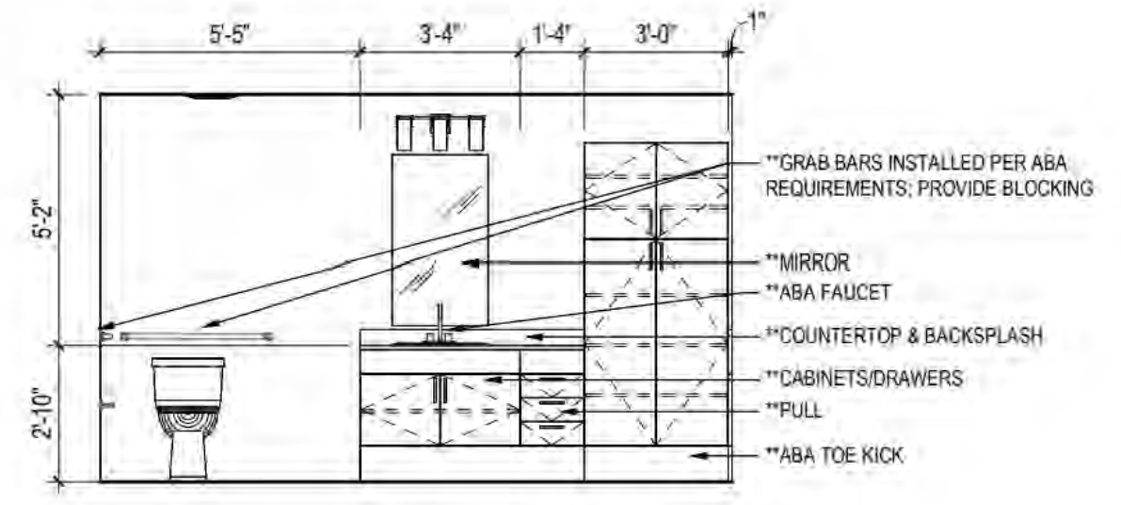
B1 A610D **BATH 02 - RIGHT**
1/4" = 1'-0"



B2 A610D **ABA LAUNDRY - FRONT**
1/4" = 1'-0"



B3 A610D **ABA HALL CLOSET - LEFT**
1/4" = 1'-0"



A1 A610D **ABA BATH 01 - FRONT**
1/4" = 1'-0"

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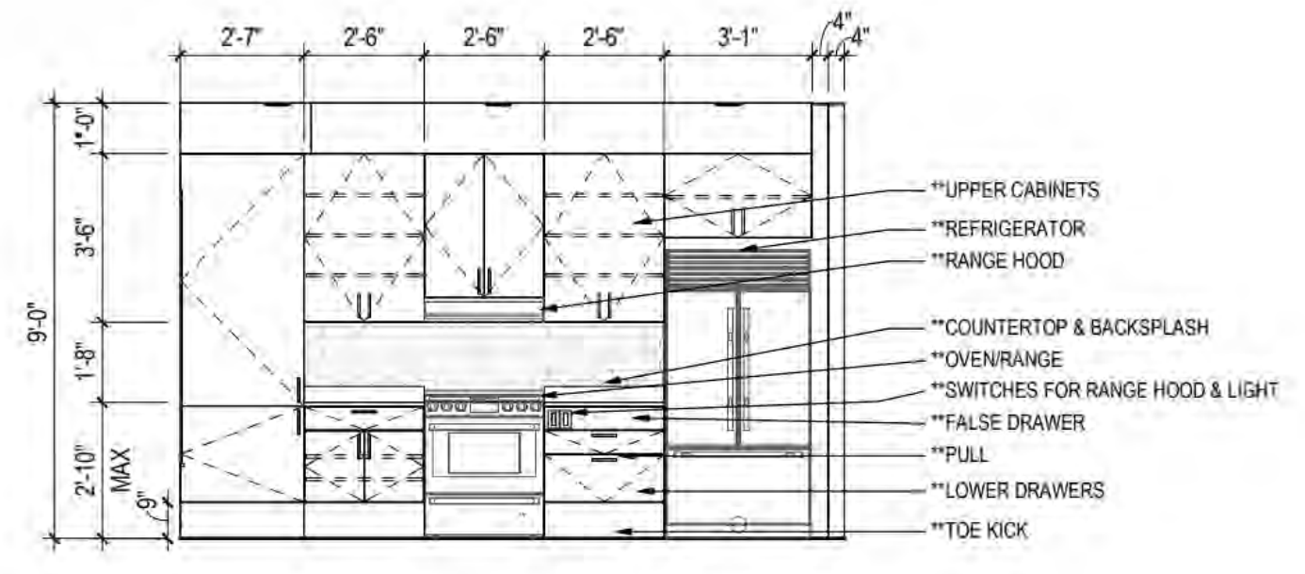
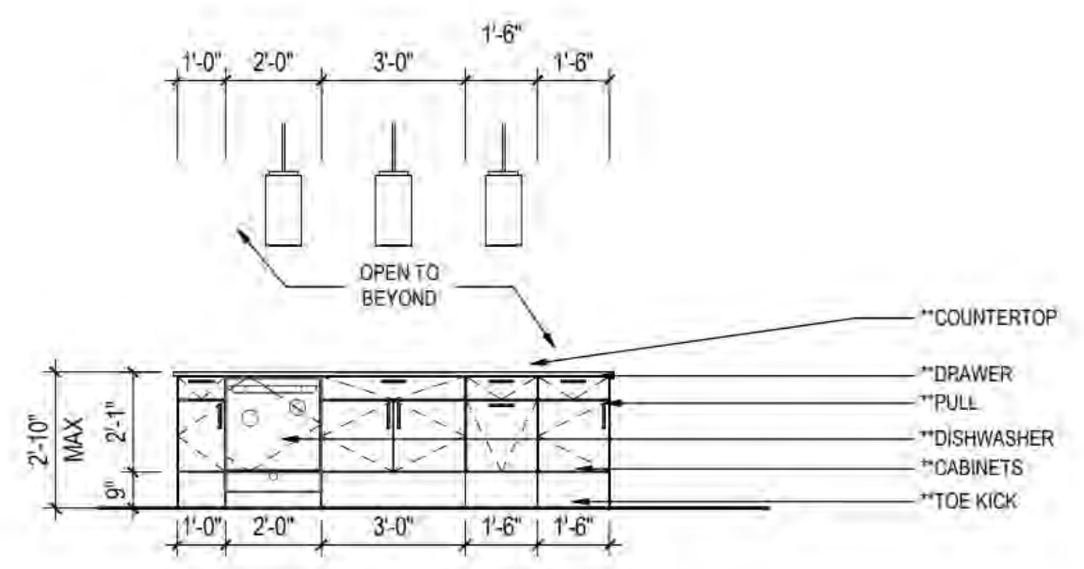
SUB SHEET NO.
A610D

TITLE OF SHEET
3BR ABA INTERIOR ELEVATIONS
YELLOWSTONE NATIONAL PARK

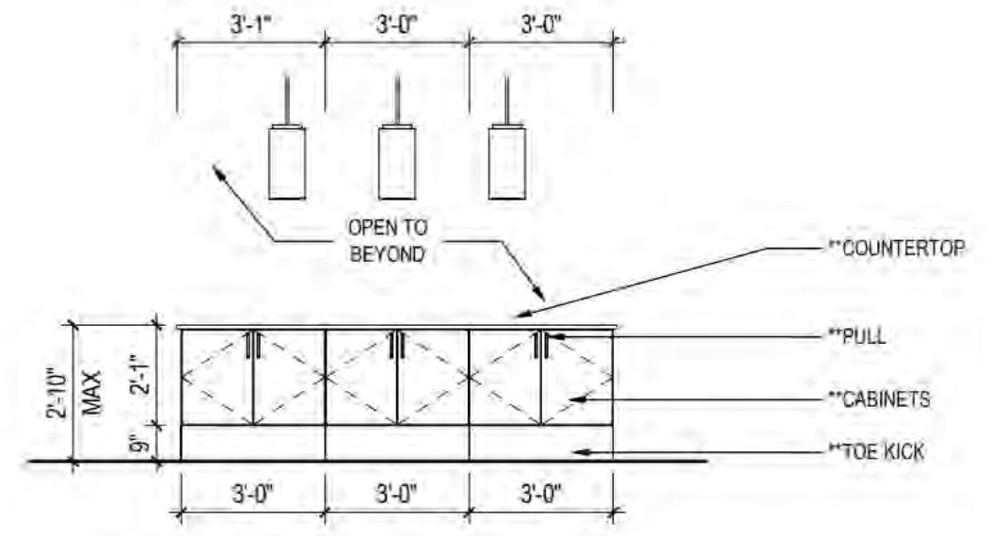
DRAWING NO.
101
198433
PMIS/PKG NO.
326141
SHEET
74 OF 94



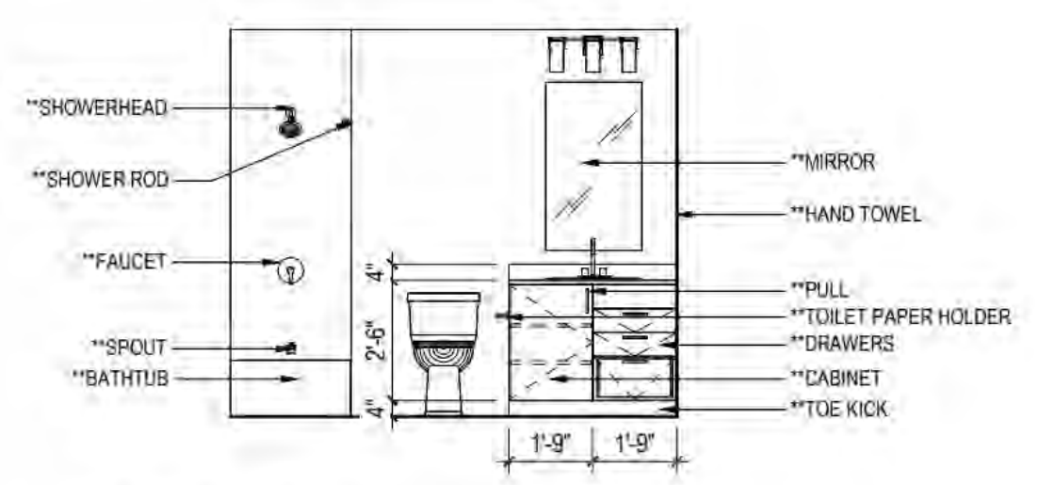
C1 A610D **ABA KITCHEN - FRONT**
1/4" = 1'-0"



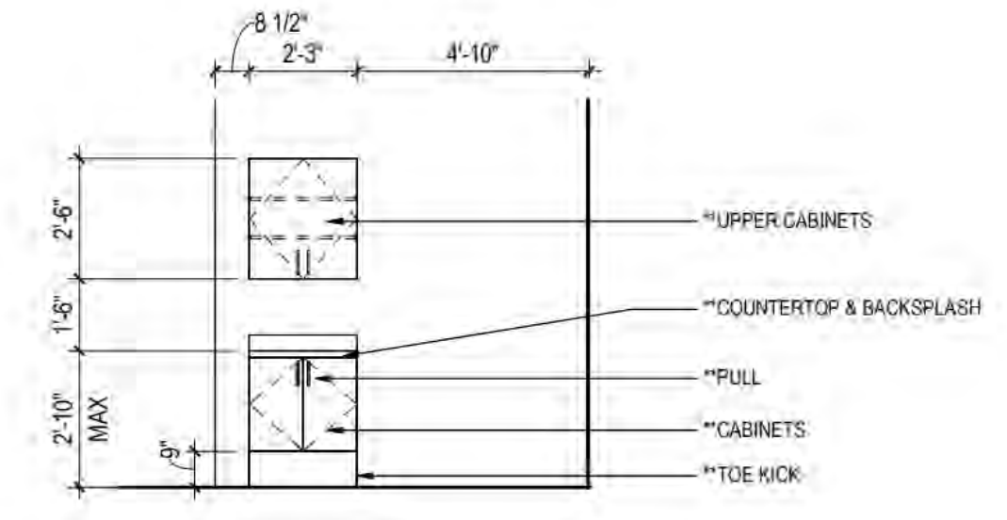
C2 A610D **ABA KITCHEN - REAR**
1/4" = 1'-0"



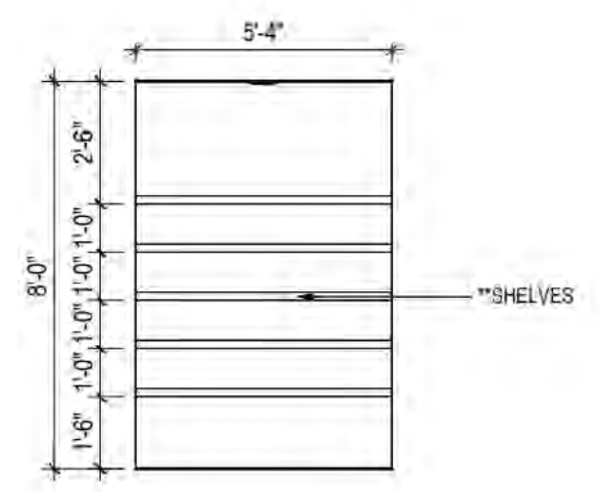
C3 A610D **ABA DINING - FRONT**
1/4" = 1'-0"



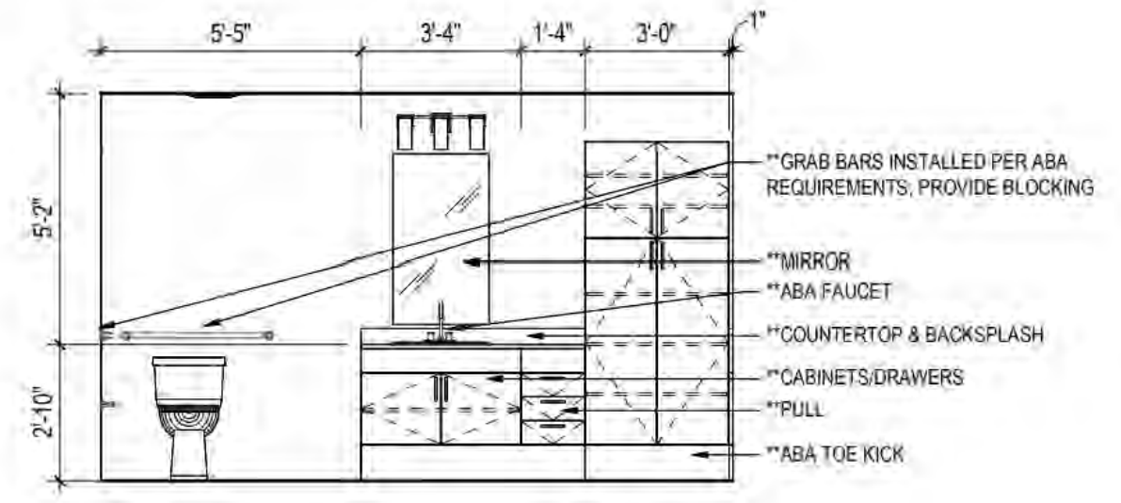
B1 A610D **BATH 02 - RIGHT**
1/4" = 1'-0"



B2 A610D **ABA LAUNDRY - FRONT**
1/4" = 1'-0"



B3 A610D **ABA HALL CLOSET - LEFT**
1/4" = 1'-0"



A1 A610D **ABA BATH 01 - FRONT**
1/4" = 1'-0"

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TECH. REVIEW: LF
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SUB SHEET NO.
A610D

TITLE OF SHEET
3BR ABA INTERIOR ELEVATIONS
YELLOWSTONE NATIONAL PARK

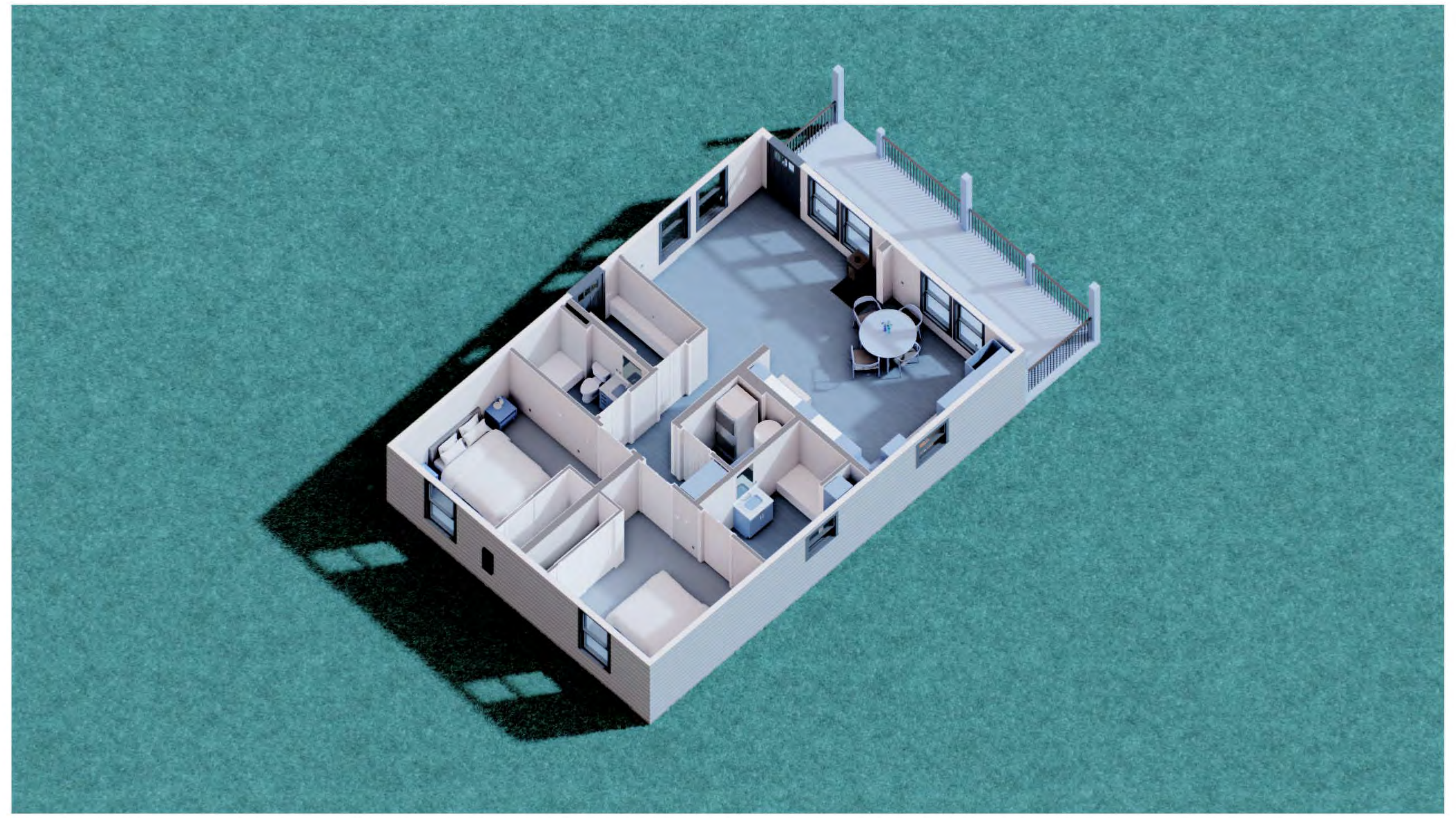
DRAWING NO.
101
198433
PMIS/PKG NO.
326141
SHEET
74 OF 94

IDENTICAL

C

B

A



KITCHEN - DAY

KITCHEN - EVENING

PLOT DATE: 6/12/2026 2:49:11 PM REVIT VERSION: [illegible]
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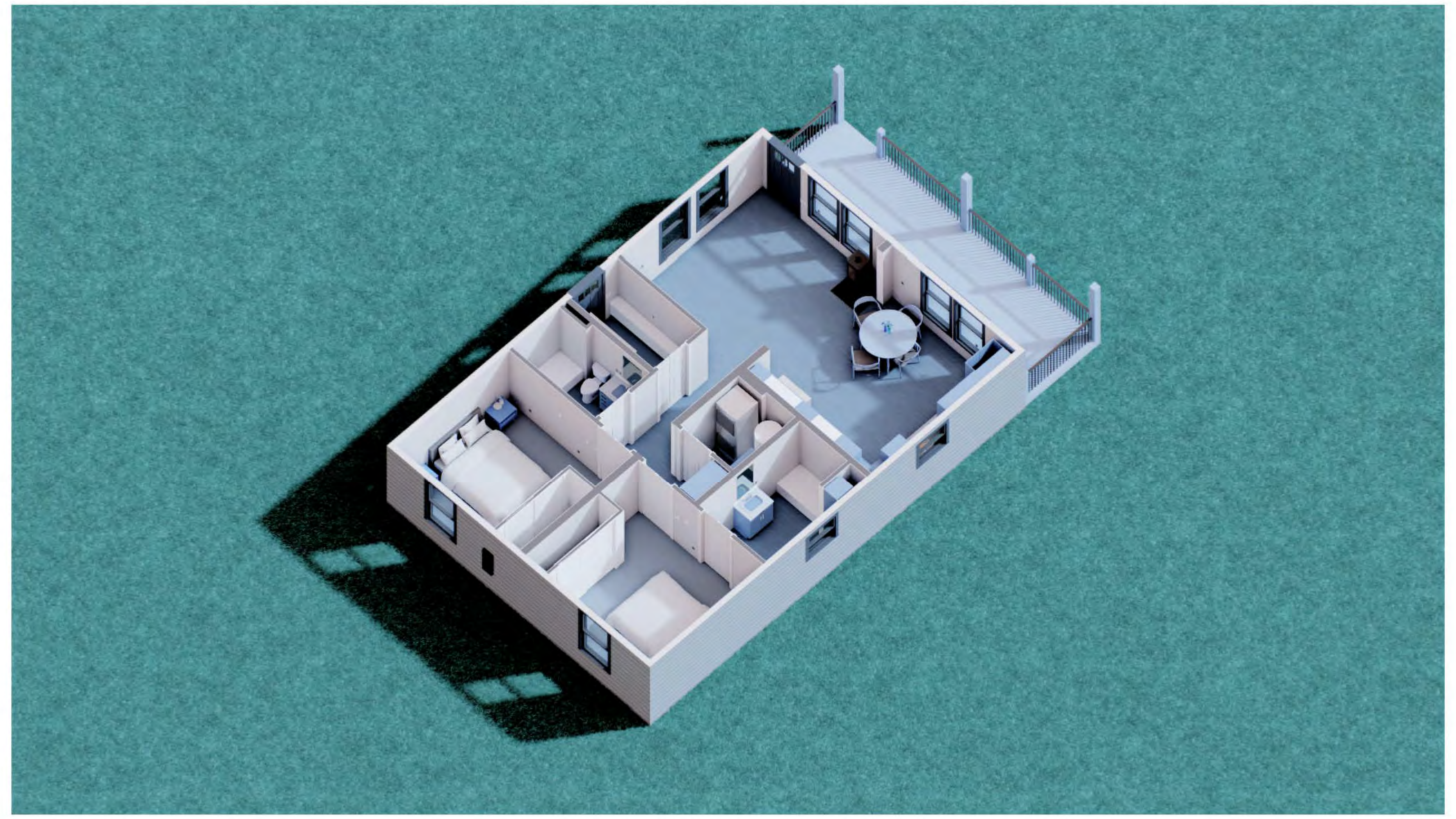
DATE: 06/18/2026

SUB SHEET NO.
A901A

TITLE OF SHEET
2BR RENDERINGS
YELLOWSTONE NATIONAL PARK

DRAWING NO. 101
198433
PMIS/PKG NO. 326141
SHEET 75 OF 94



KITCHEN - DAY

KITCHEN - EVENING

C

B

A

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TECH. REVIEW: LF
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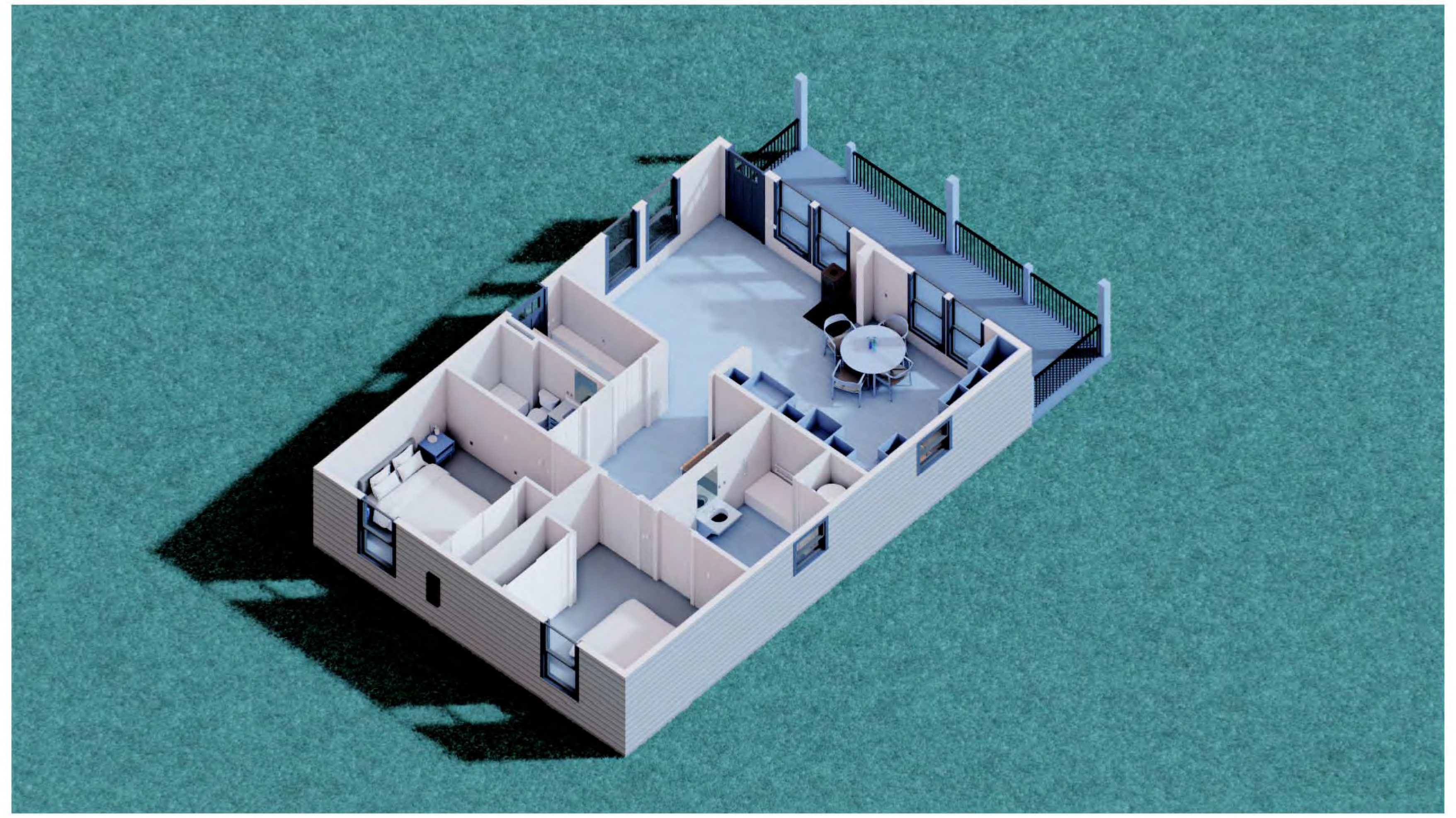
2BR RENDERINGS
YELLOWSTONE NATIONAL PARK

DRAWING NO. 101
198433
PMIS/PKG NO. 326141
SHEET 75 OF 94

IDENTICAL

C



KITCHEN - DAY

KITCHEN - EVENING

B

A

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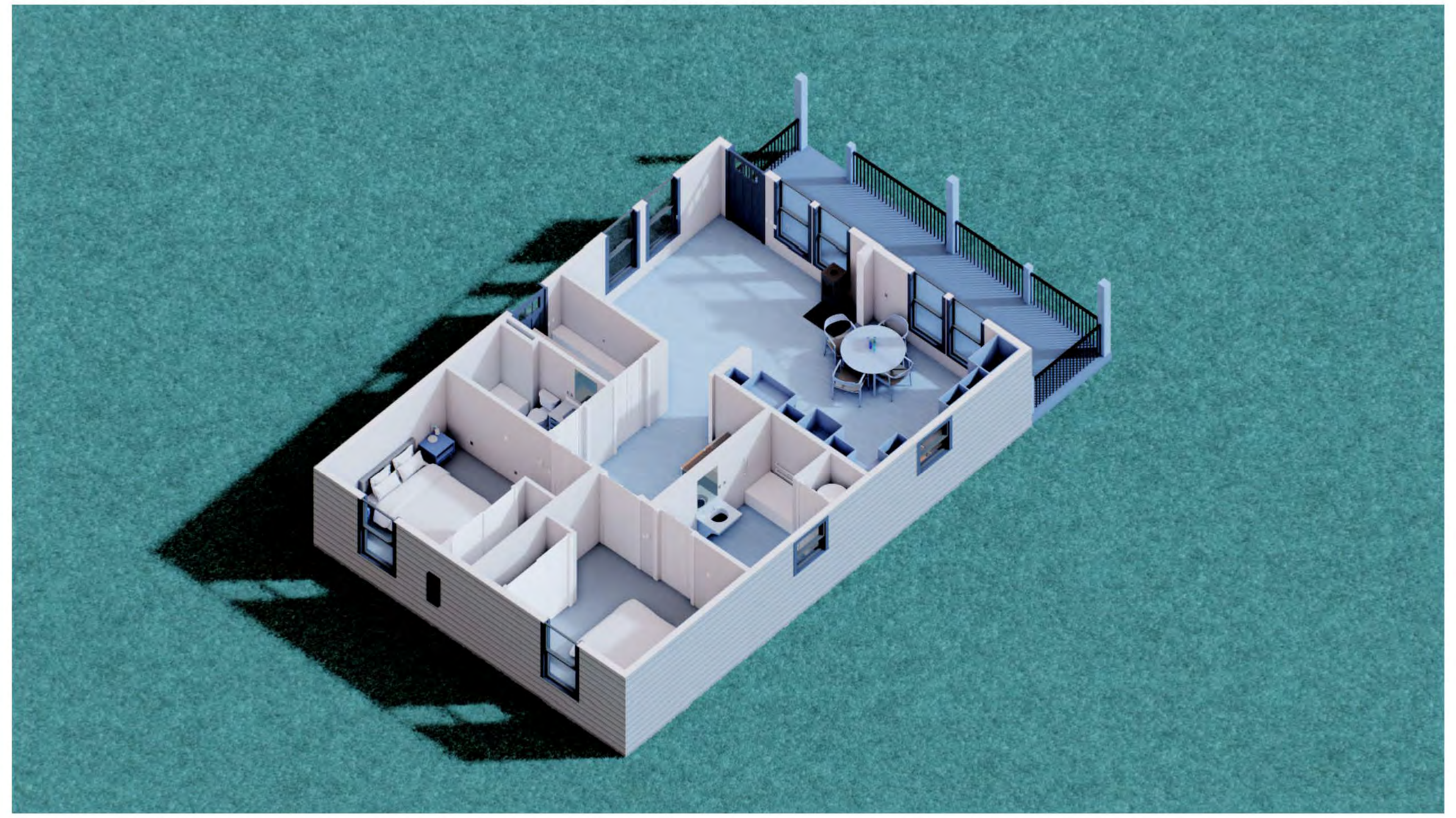
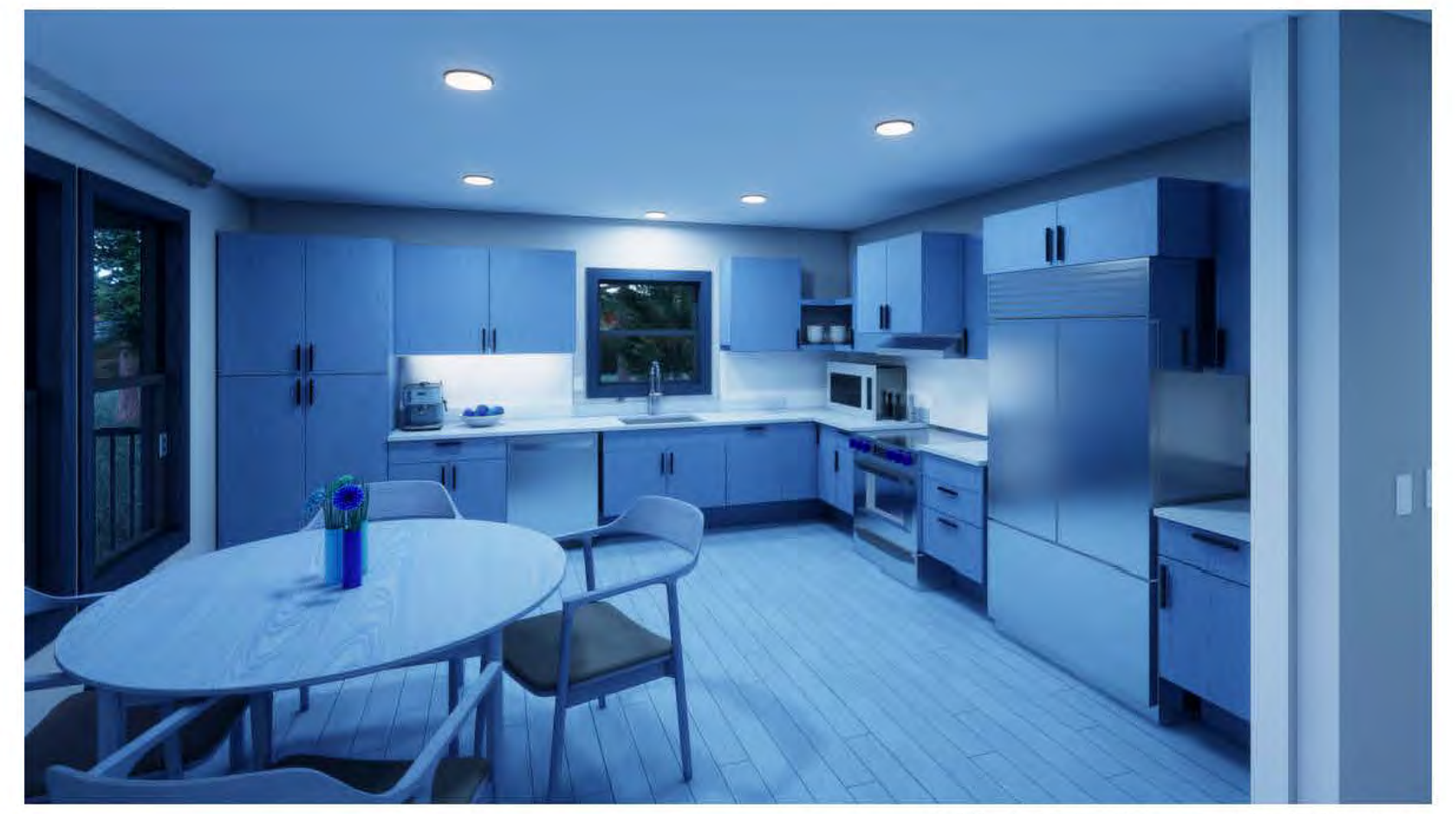
A/E: FIRM	DESIGNED: JC	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 101 198433
PRIME: STANTEC CHEYENNE, WY	CADD: BB/PS/AS	**A901B**	2BR ABA RENDERINGS	PMIS/PKG NO. 326141A/326104
	TECH. REVIEW: LF			SHEET
	DATE: 06/18/2026		YELLOWSTONE NATIONAL PARK	76 OF 94

C



KITCHEN - DAY



KITCHEN - EVENING

B

A

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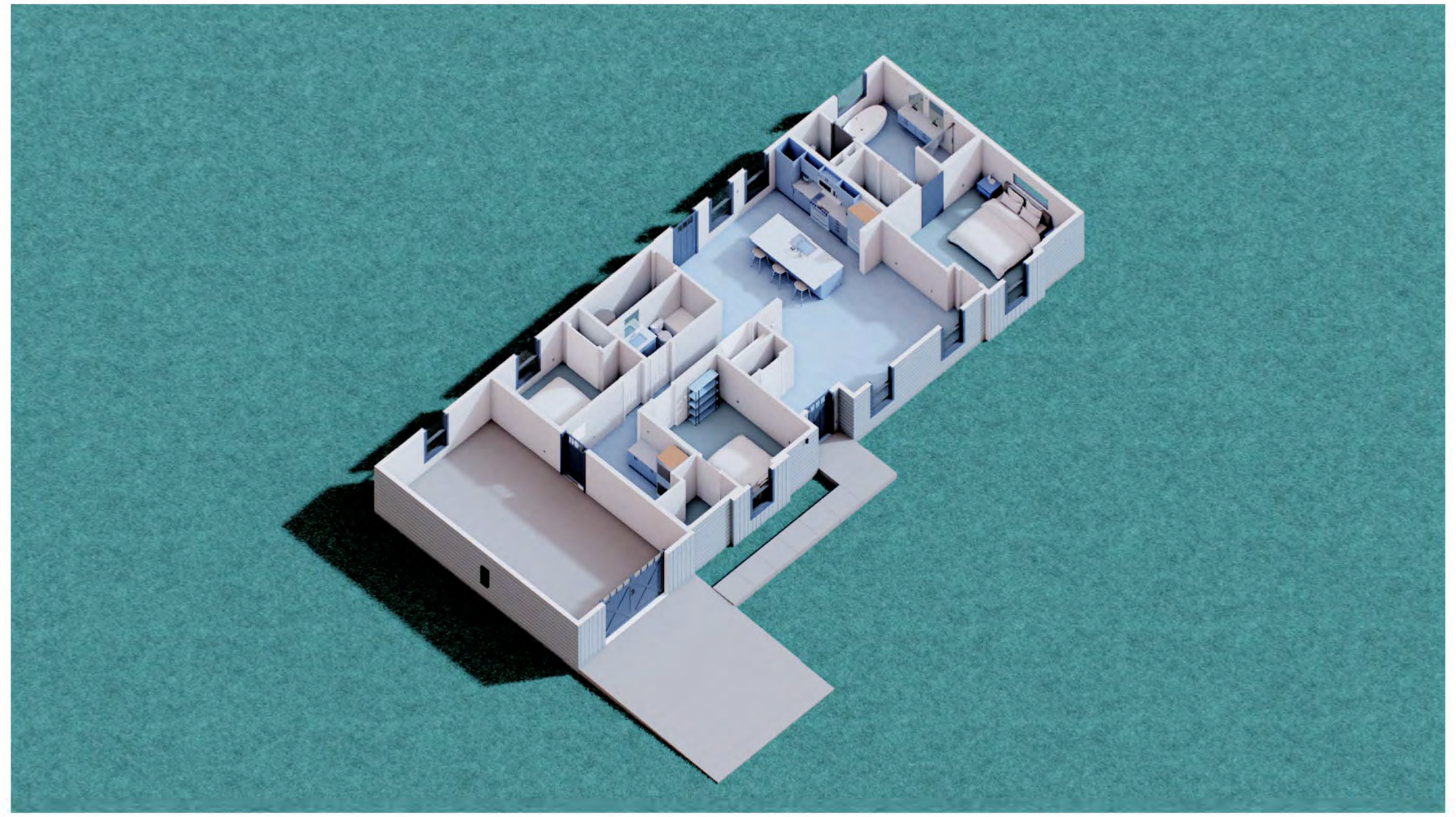
A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY
DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026
SUB SHEET NO. A901B
TITLE OF SHEET
2BR ABA RENDERINGS
YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433
PMIS/PKG NO. 326141A/326104
SHEET 76 OF 94

ALL RENDERINGS FOR REFERENCE ONLY



KITCHEN - DAY

KITCHEN - EVENING

PLOT DATE: 6/12/2026 3:24:40 PM REVIT VERSION: 2025
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SUB SHEET NO.
A901C

TITLE OF SHEET
3BR RENDERINGS
76 OF 94
YELLOWSTONE NATIONAL PARK

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

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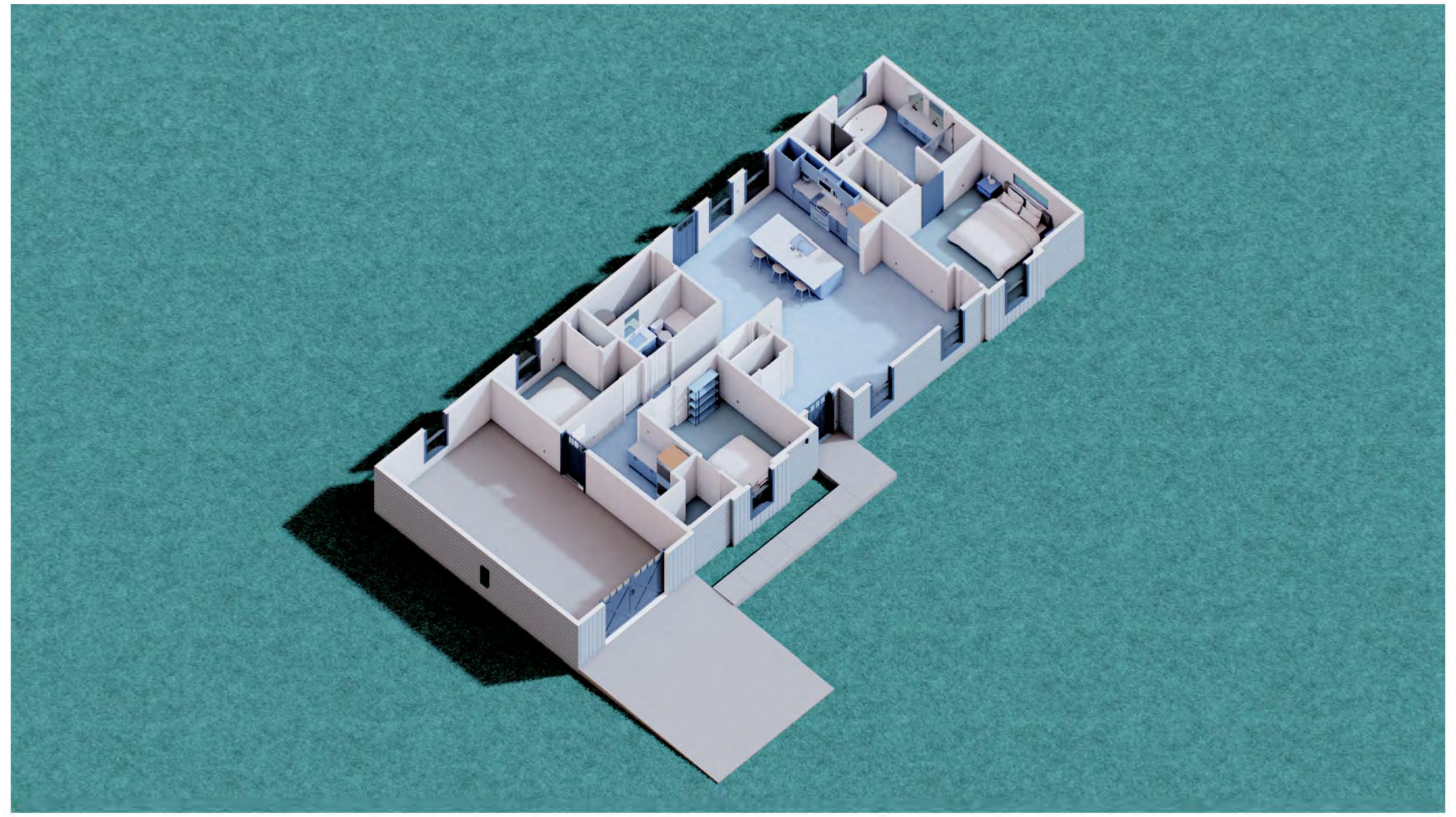

KITCHEN - DAY

KITCHEN - EVENING

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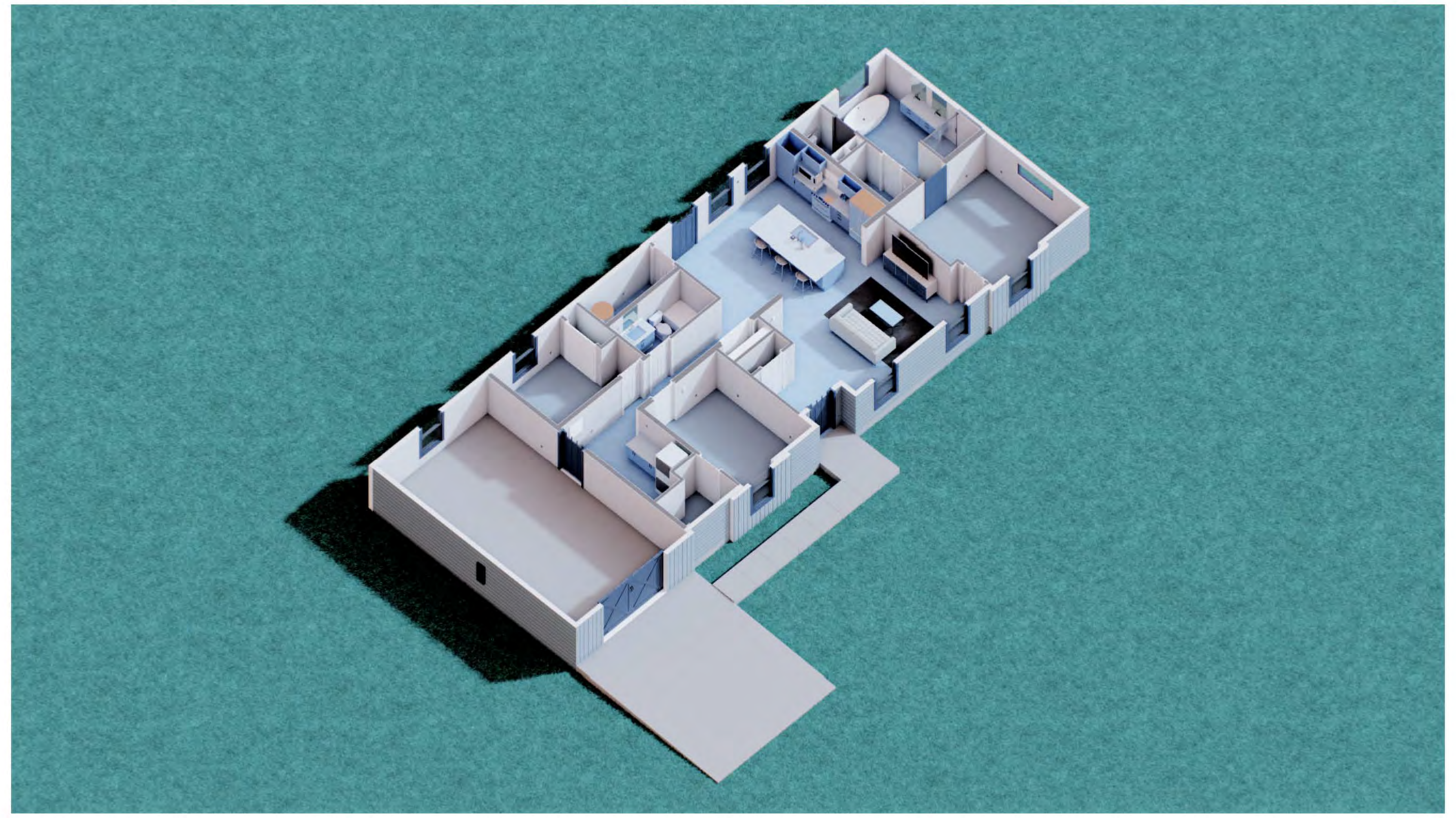
3BR RENDERINGS
76 OF 94
YELLOWSTONE NATIONAL PARK

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

IDENTICAL

ALL RENDERINGS FOR REFERENCE ONLY



KITCHEN - DAY

KITCHEN - EVENING

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SUB SHEET NO.
A901D

TITLE OF SHEET
3BR ABA RENDERINGS
YELLOWSTONE NATIONAL PARK

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

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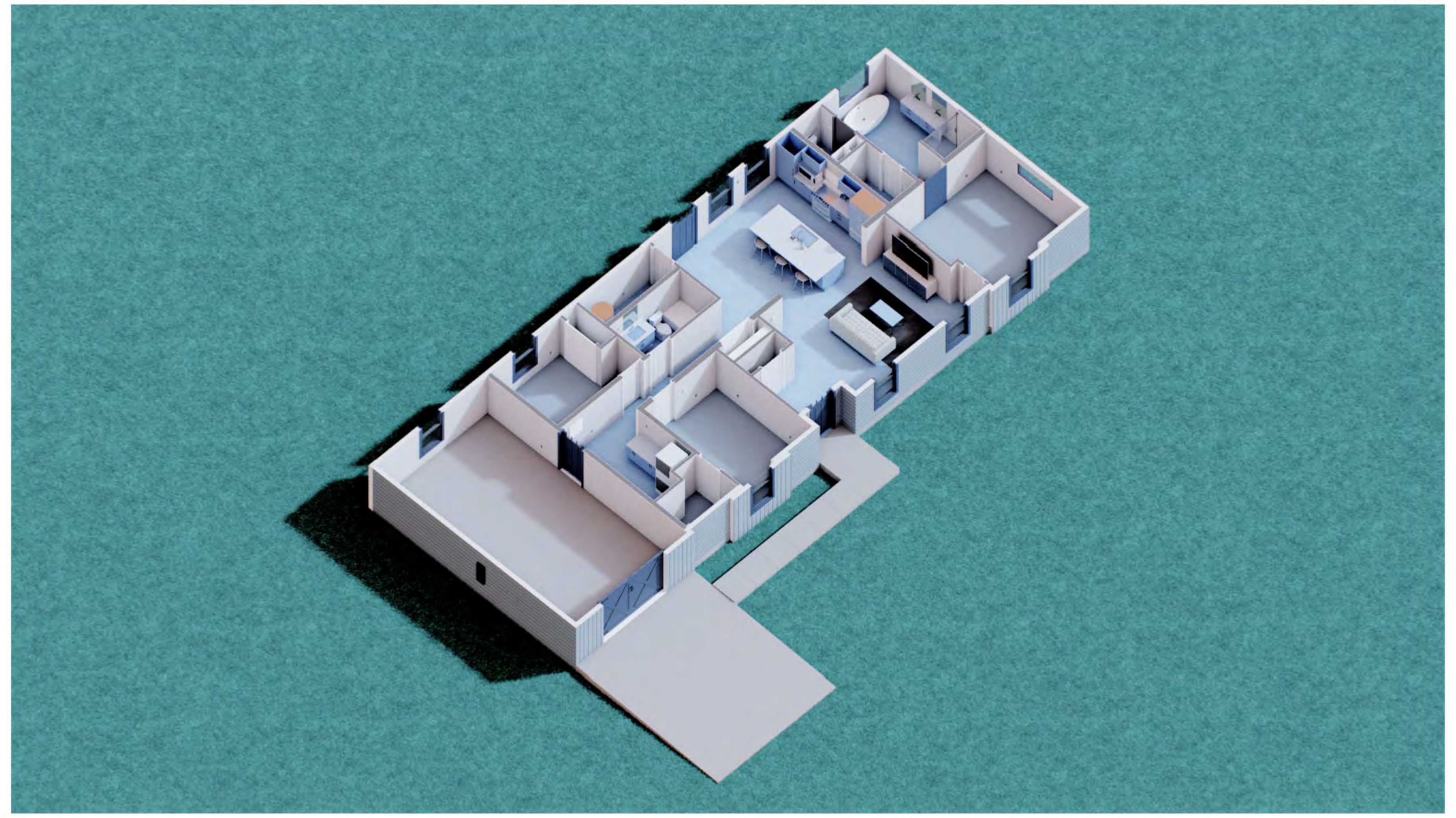

KITCHEN - DAY

KITCHEN - EVENING

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TITLE OF SHEET
3BR ABA RENDERINGS
YELLOWSTONE NATIONAL PARK

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

IDENTICAL

PLUMBING NOTES	
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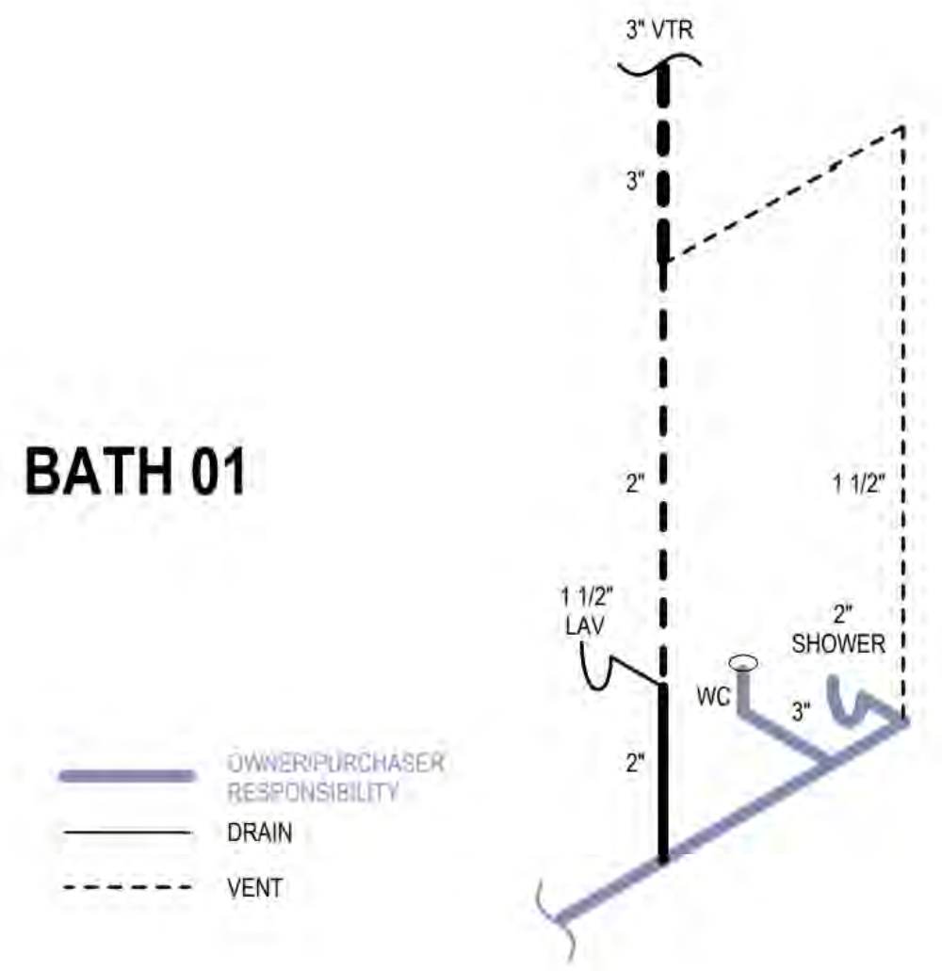

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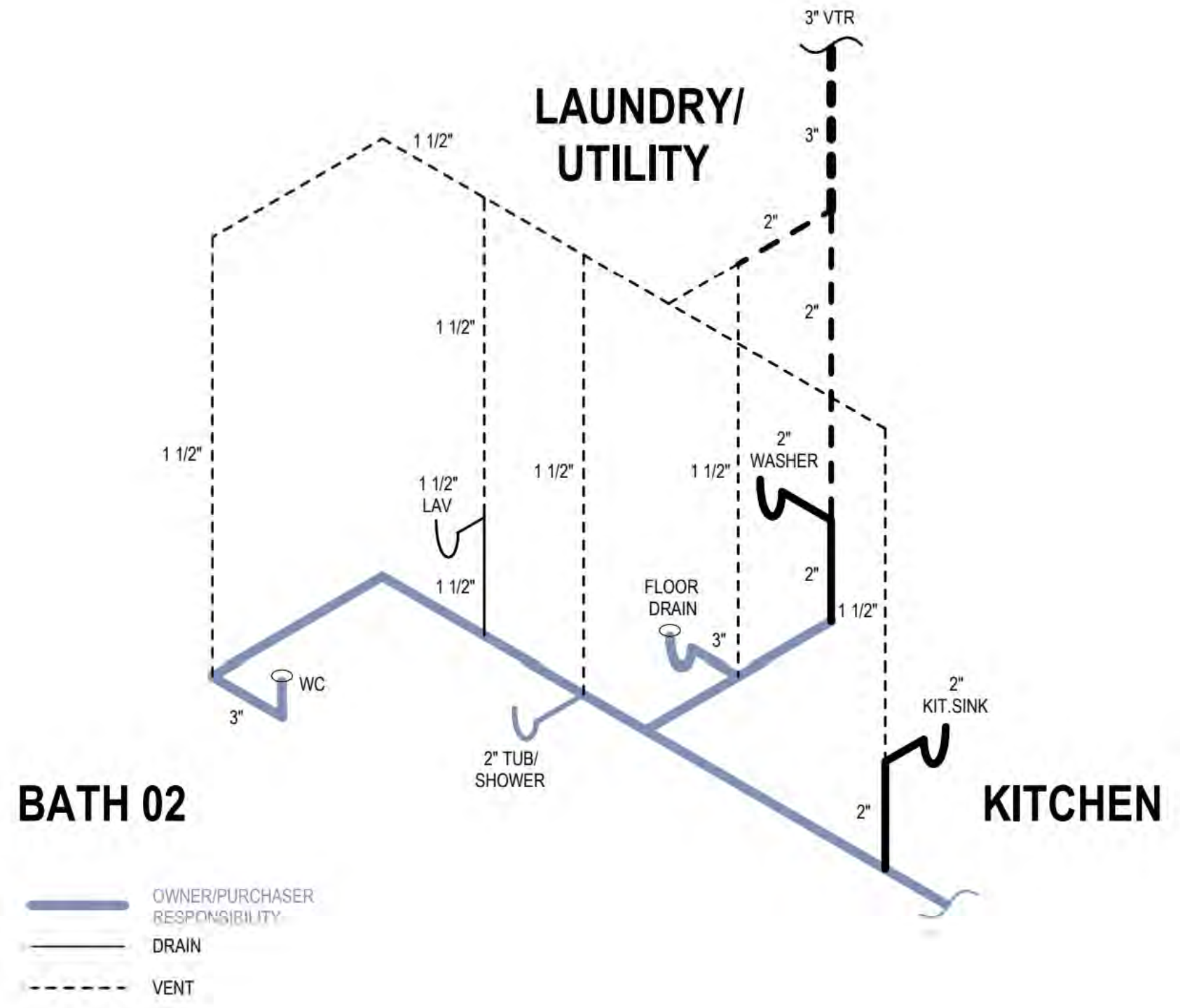

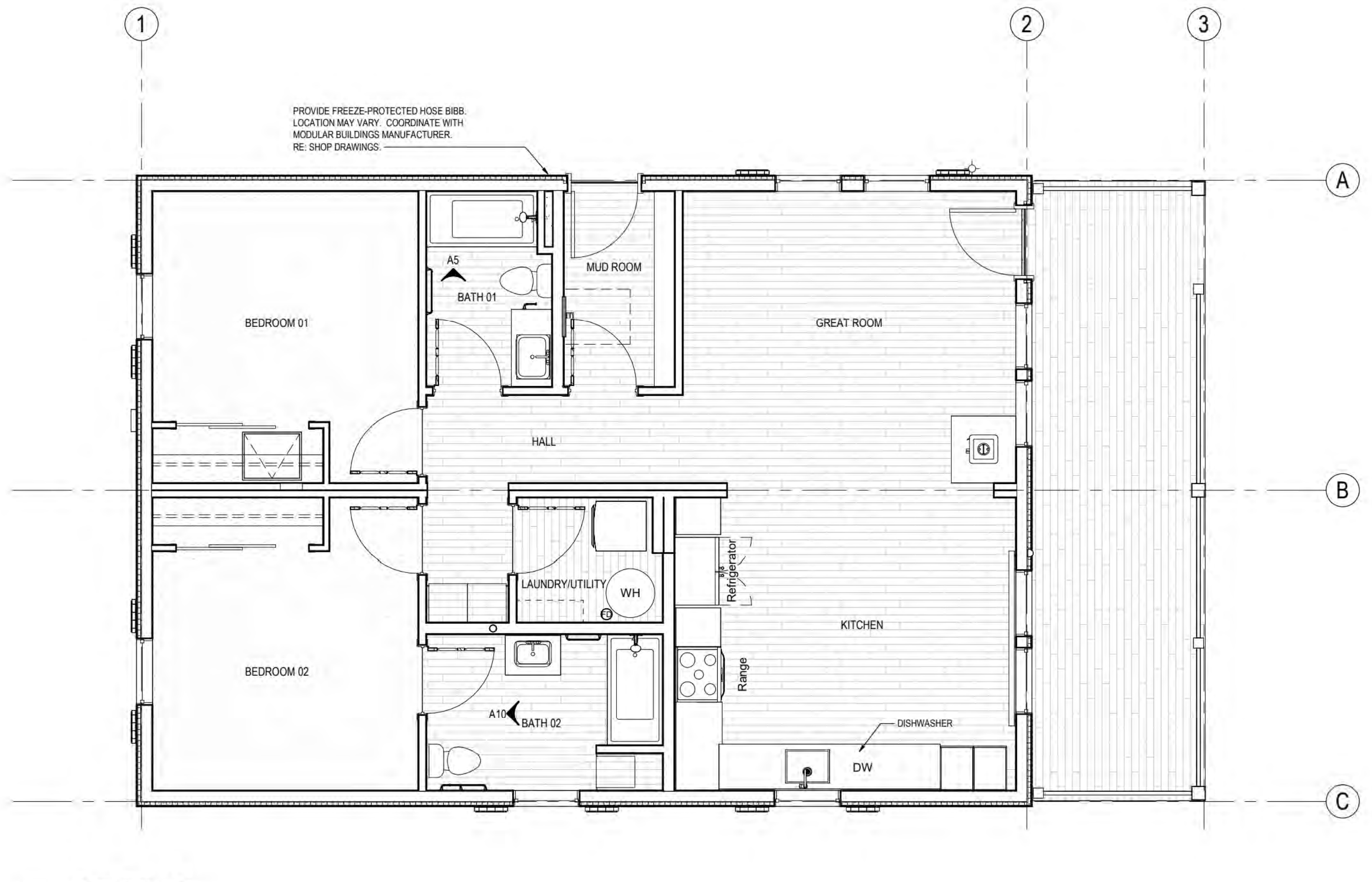
1
2
3
A
B
C
PROVIDE FREEZE-PROTECTED HOSE BIBB. LOCATION MAY VARY. COORDINATE WITH MODULAR BUILDINGS MANUFACTURER. RE: SHOP DRAWINGS.
A5
BATH 01
MUD ROOM
BEDROOM 01
GREAT ROOM
HALL
LAUNDRY/UTILITY
WH
Refrigerator
KITCHEN
BEDROOM 02
Range
A10
BATH 02
DISHWASHER
DW

A1
P101A
LEVEL 01
1/4" = 1'-0"

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SUB SHEET NO.
P101A

TITLE OF SHEET
2BR PLUMBING PLAN
YELLOWSTONE NATIONAL PARK

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

PLUMBING NOTES	
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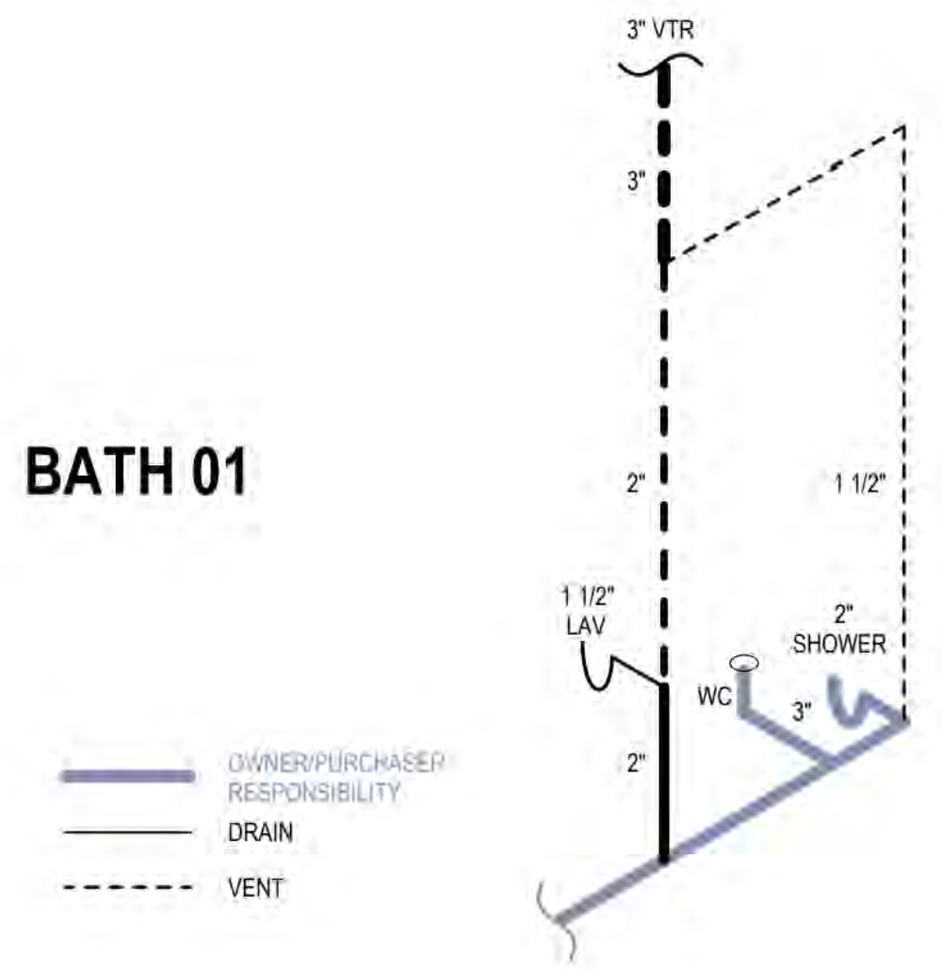

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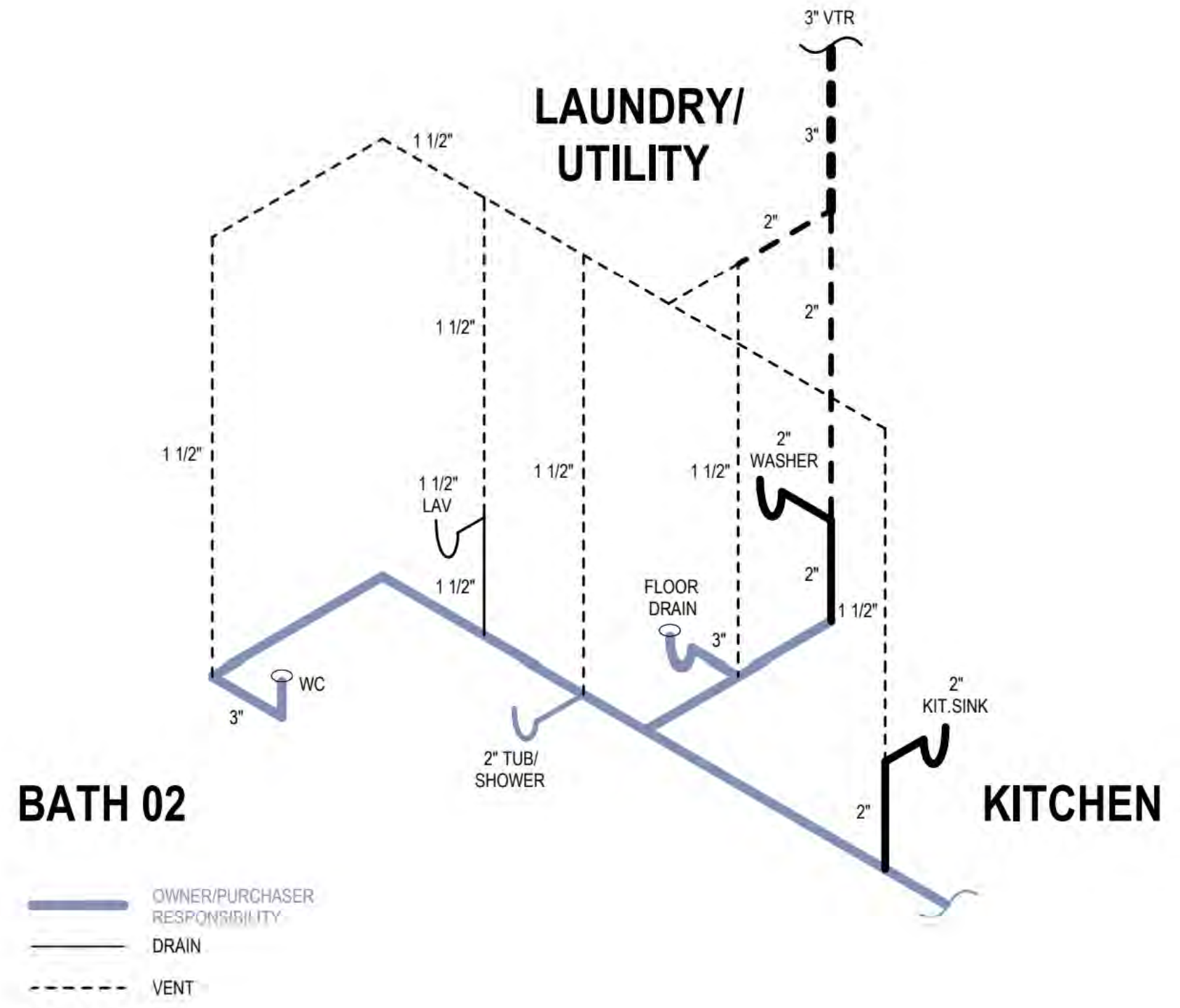

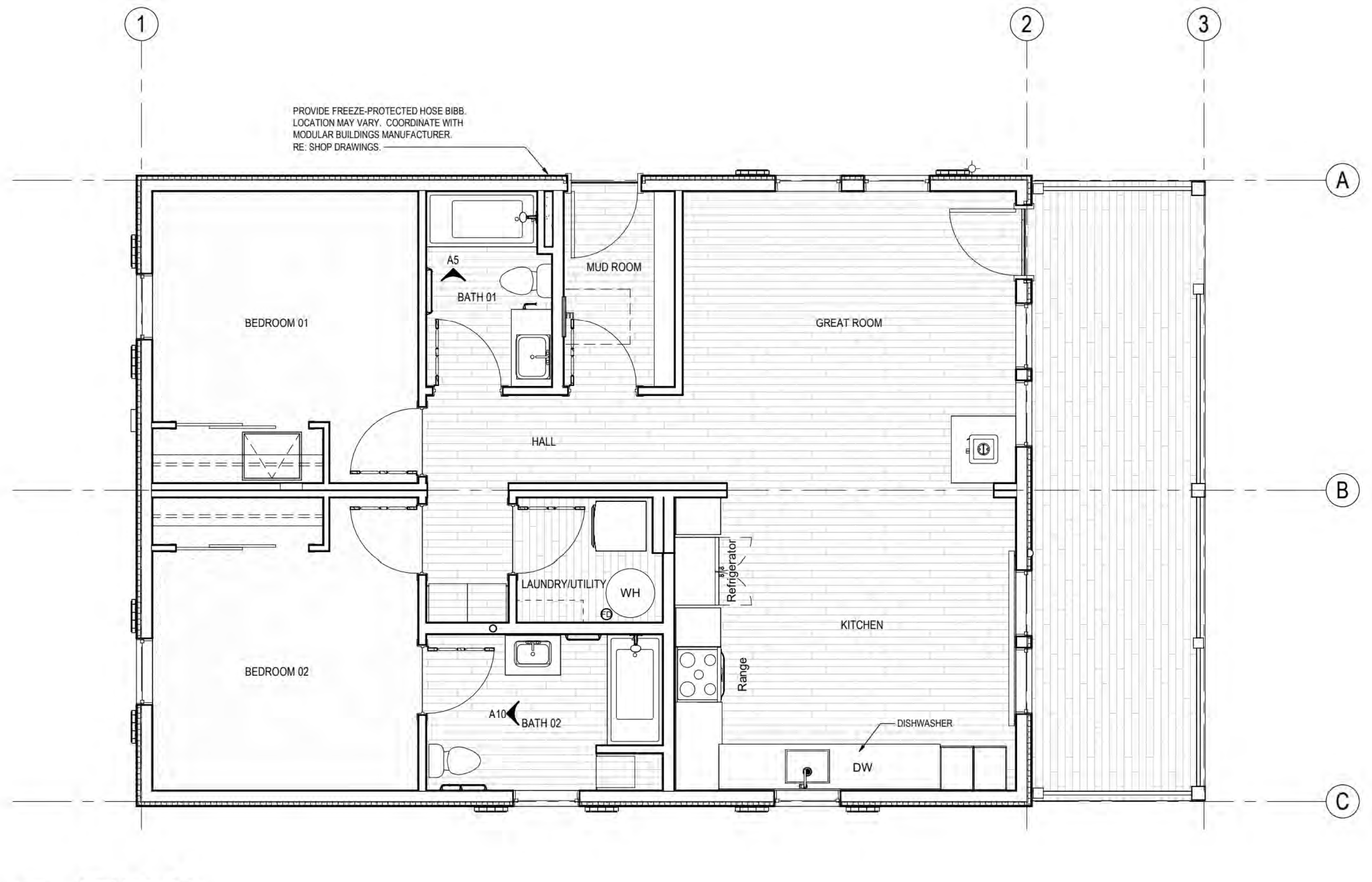
1
2
3
A
B
C
PROVIDE FREEZE-PROTECTED HOSE BIBB. LOCATION MAY VARY. COORDINATE WITH MODULAR BUILDINGS MANUFACTURER. RE: SHOP DRAWINGS.
A5
BATH 01
MUD ROOM
BEDROOM 01
GREAT ROOM
HALL
LAUNDRY/UTILITY
WH
Refrigerator
KITCHEN
BEDROOM 02
Range
A10
BATH 02
DISHWASHER
DW

A1
P101A
LEVEL 01
1/4" = 1'-0"

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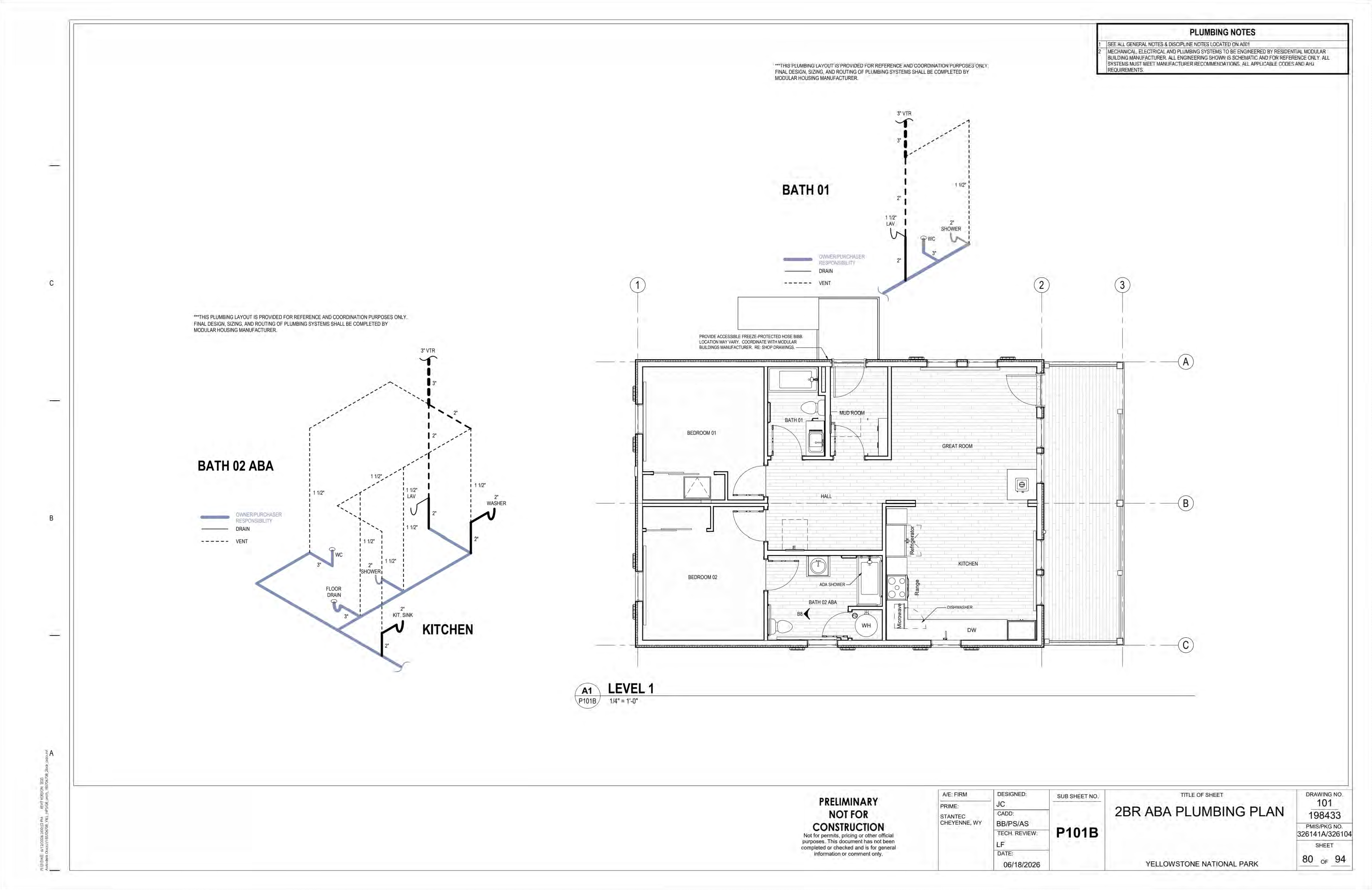
TITLE OF SHEET
2BR PLUMBING PLAN
YELLOWSTONE NATIONAL PARK

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

IDENTICAL



PLUMBING NOTES

1 SEE ALL GENERAL NOTES & DISCIPLINE NOTES LOCATED ON A001

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PROVIDE ACCESSIBLE FREEZE-PROTECTED HOSE BIBB. LOCATION MAY VARY. COORDINATE WITH MODULAR BUILDINGS MANUFACTURER. RE: SHOP DRAWINGS.

LEVEL 1
1/4" = 1'-0"

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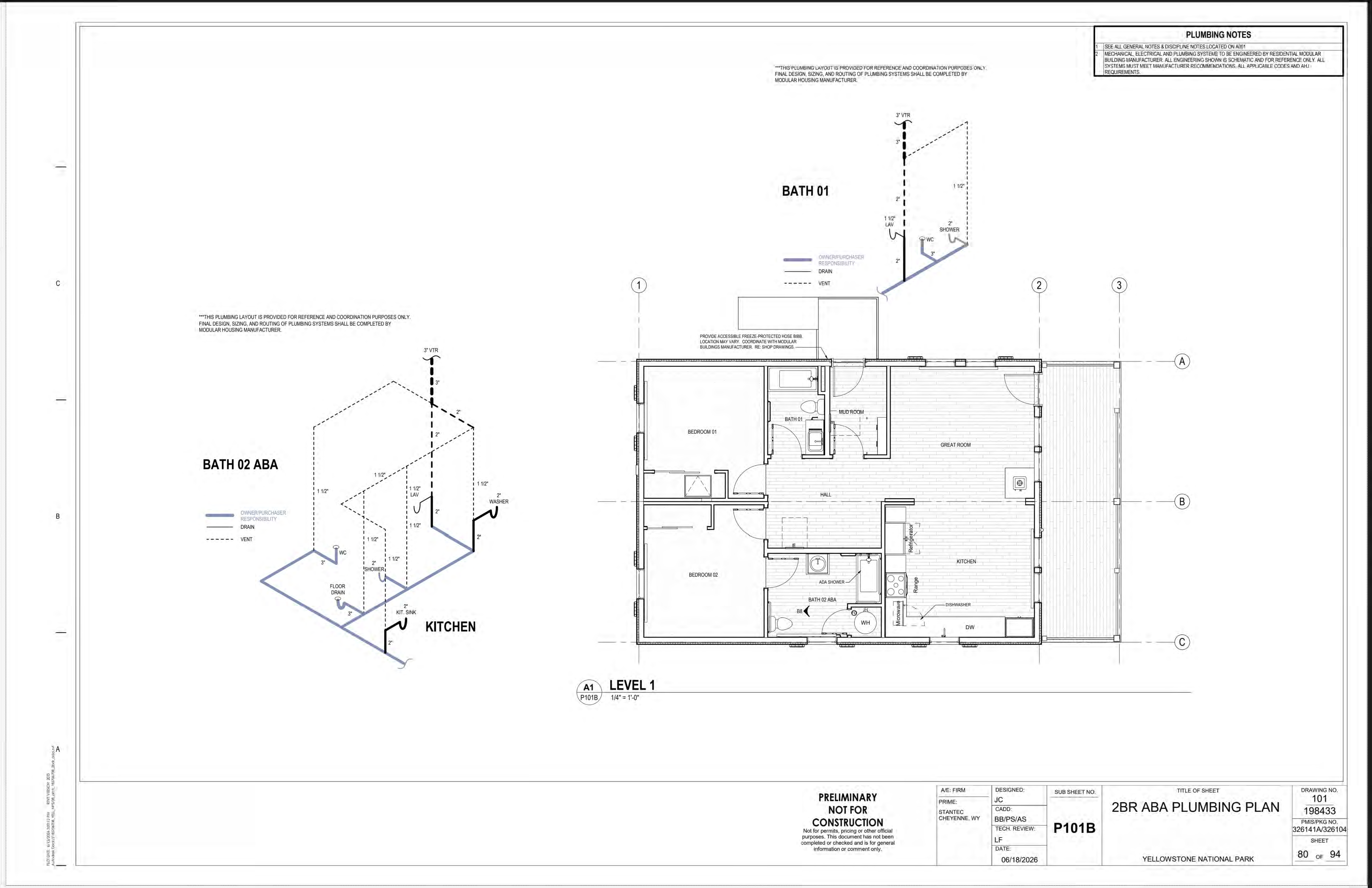
P101B

TITLE OF SHEET
2BR ABA PLUMBING PLAN
YELLOWSTONE NATIONAL PARK

DRAWING NO.
101
198433
PMIS/PKG NO.
326141A/326104
SHEET
80 OF 94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LEVEL 1
1/4" = 1'-0"

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198433
PMIS/PKG NO.
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SHEET
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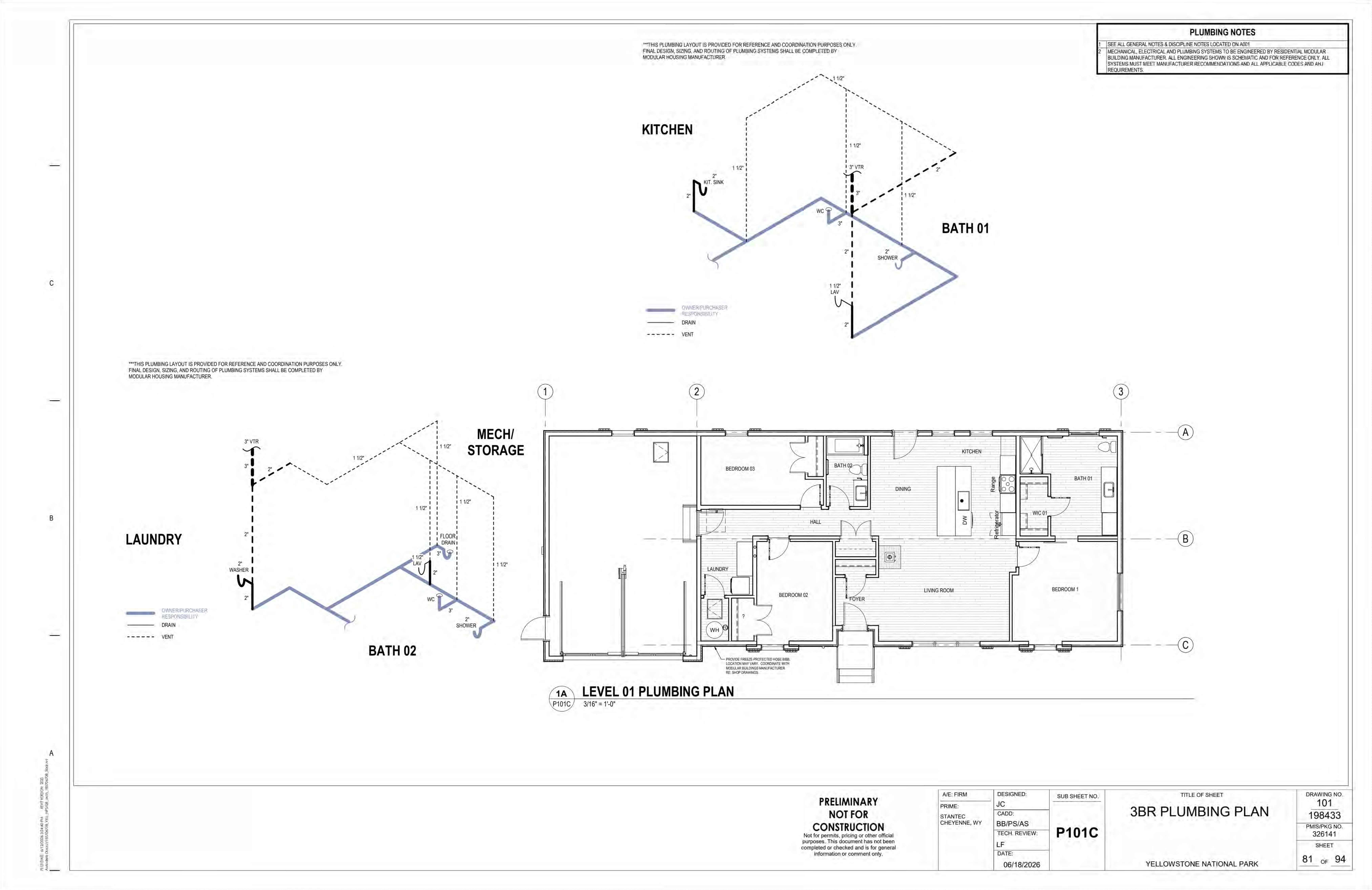

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LOCATION MAY VARY. COORDINATE WITH
MODULAR BUILDINGS MANUFACTURER.
RE: SHOP DRAWINGS

1A
P101C
LEVEL 01 PLUMBING PLAN
3/16" = 1'-0"

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YELLOWSTONE NATIONAL PARK

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SHEET
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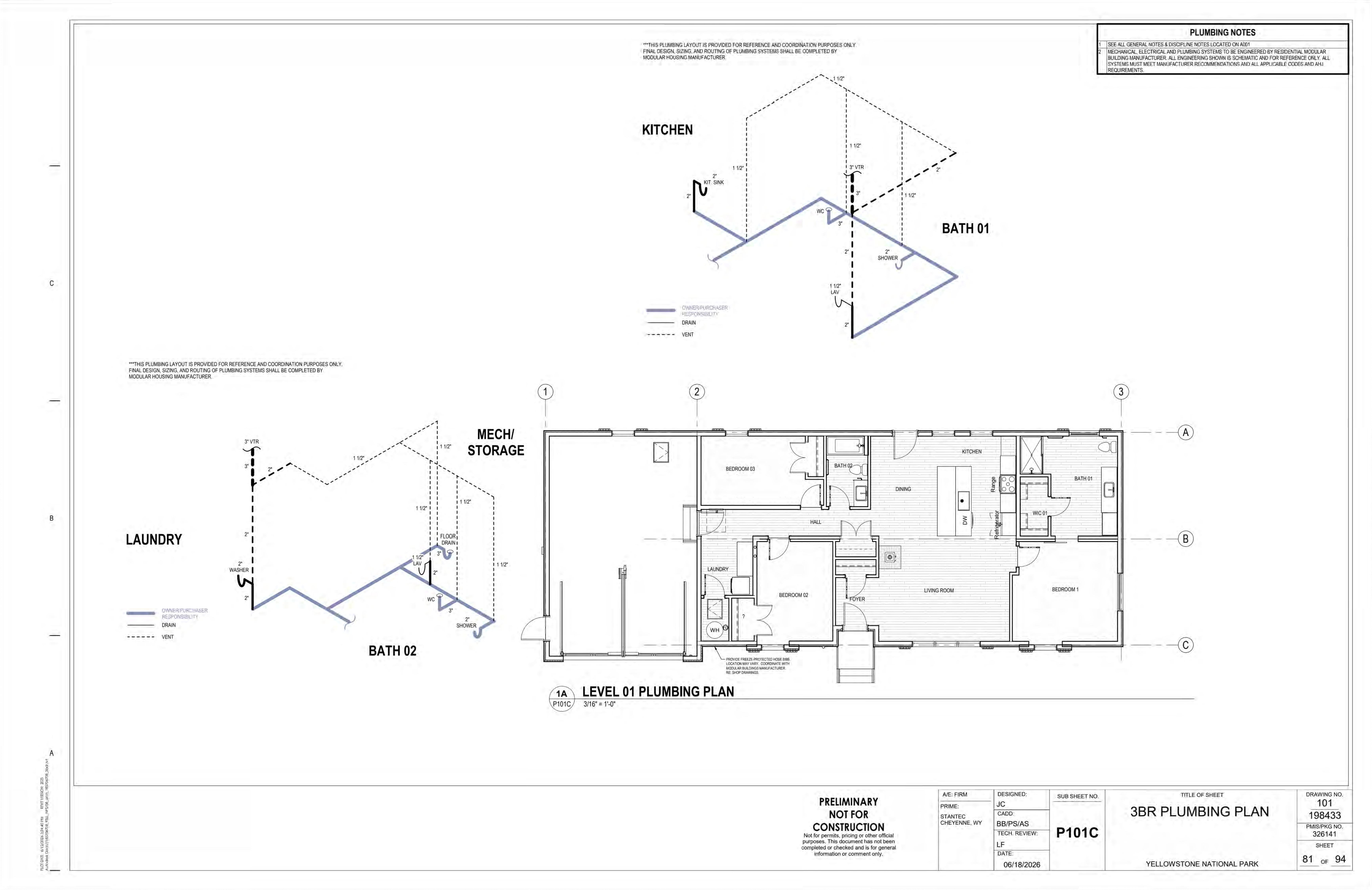

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RE: SHOP DRAWINGS

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LEVEL 01 PLUMBING PLAN
3/16" = 1'-0"

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326141
SHEET
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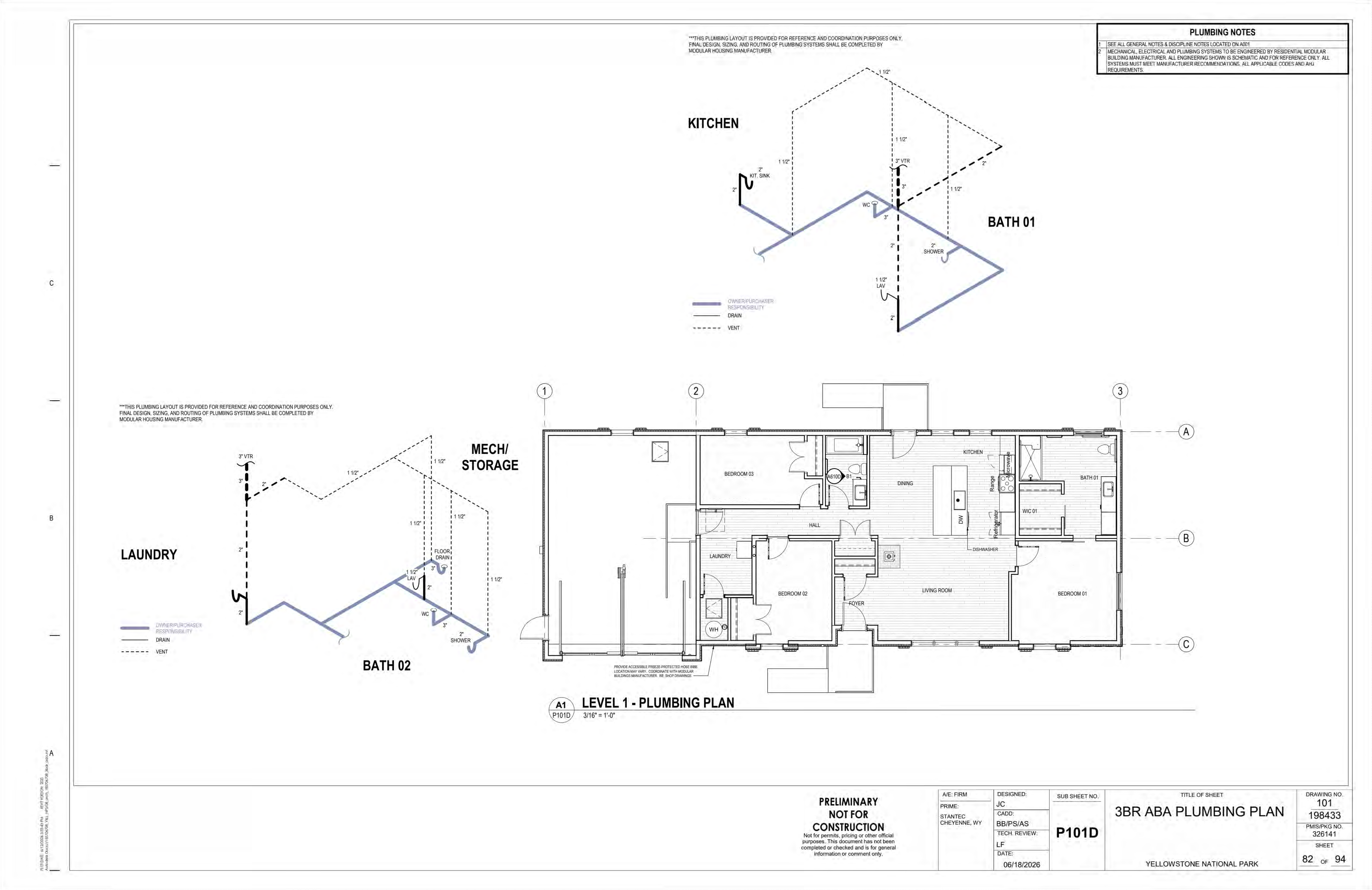

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A1 P101D LEVEL 1 - PLUMBING PLAN
3/16" = 1'-0"

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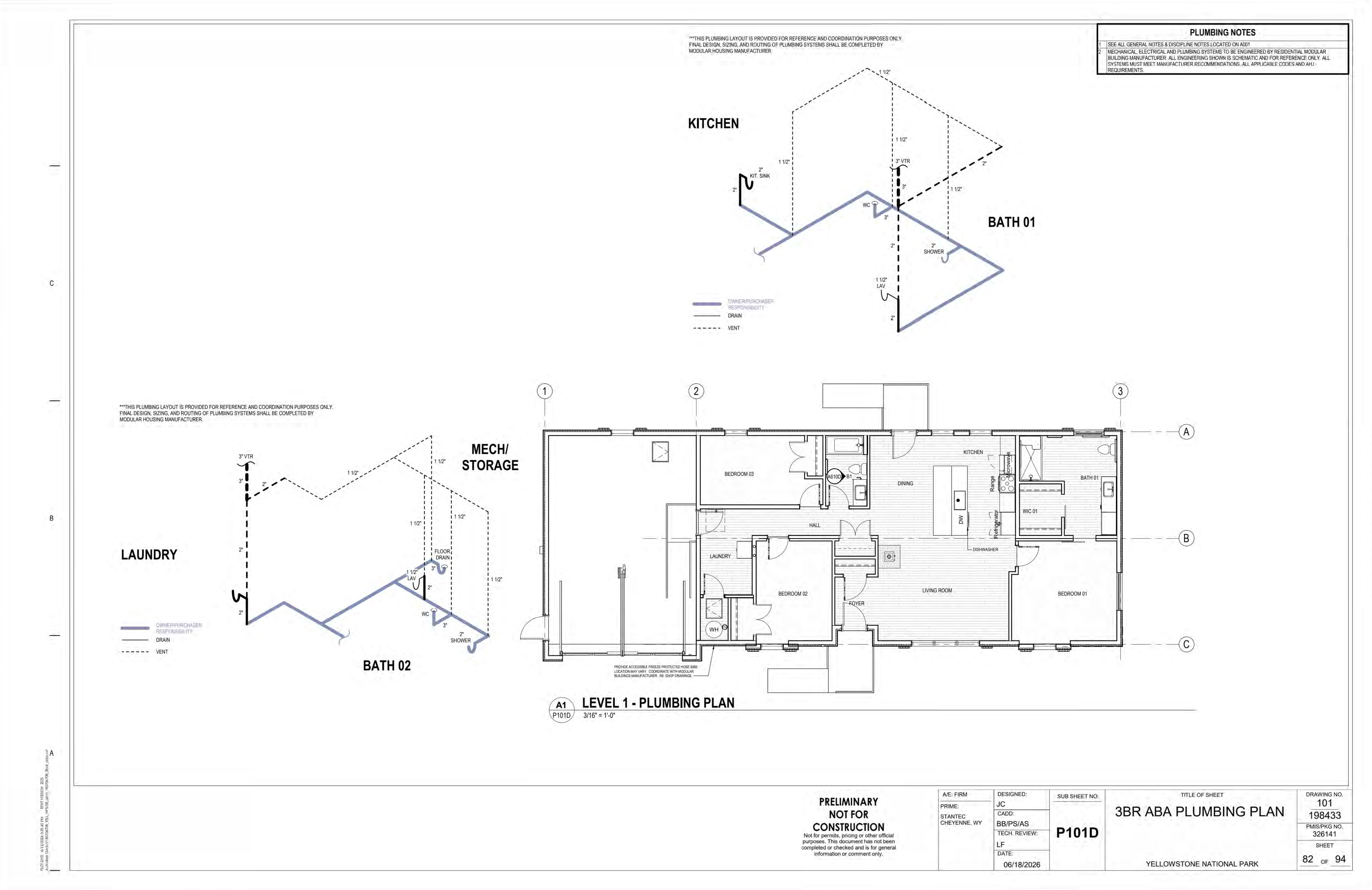
SUB SHEET NO. P101D
TITLE OF SHEET
3BR ABA PLUMBING PLAN
YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433
PMIS/PKG NO. 326141
SHEET 82 OF 94



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3/16" = 1'-0"

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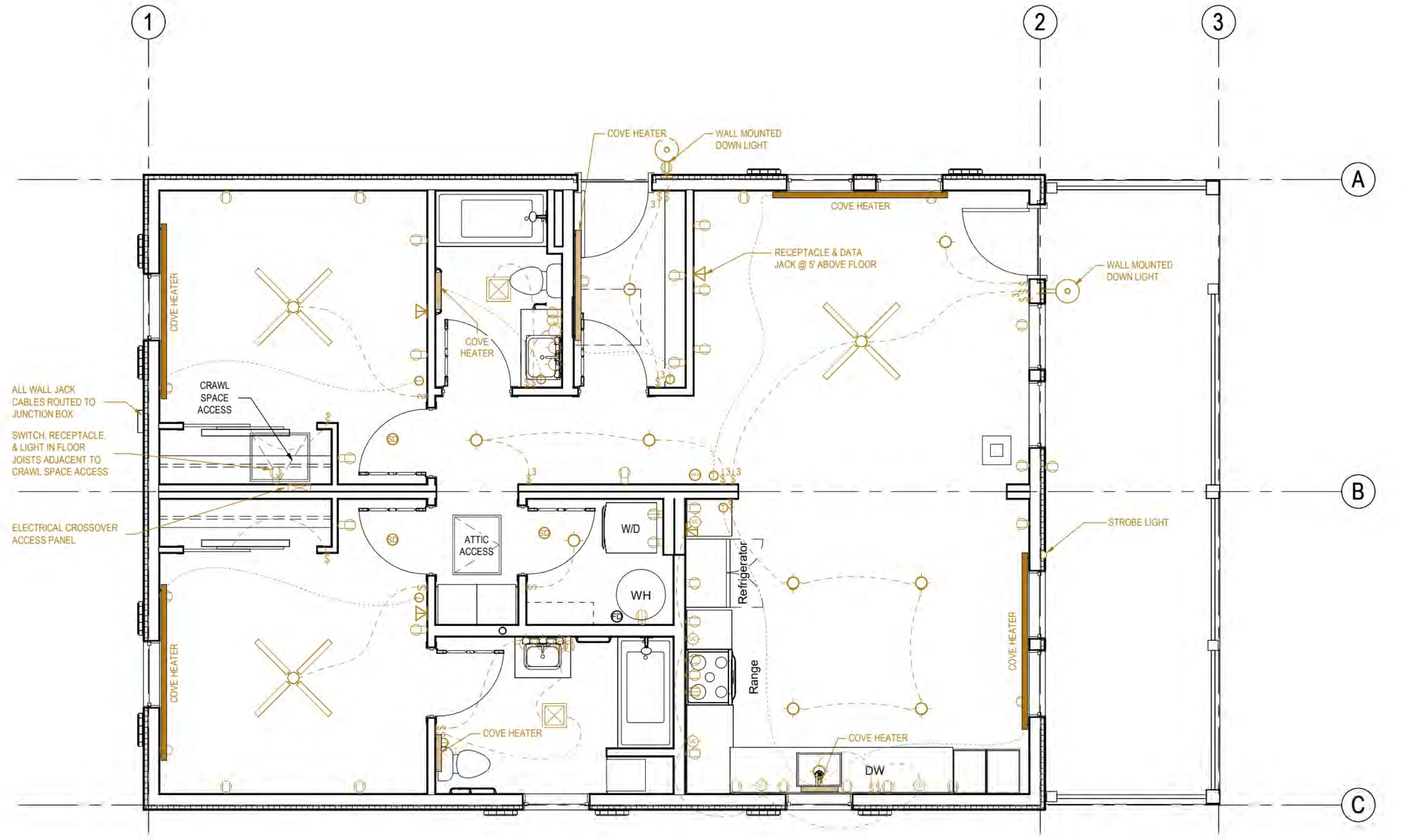
YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433
PMIS/PKG NO. 326141
SHEET 82 OF 94

IDENTICAL



A1
E101A
ELECTRICAL PLAN
1/4" = 1'-0"

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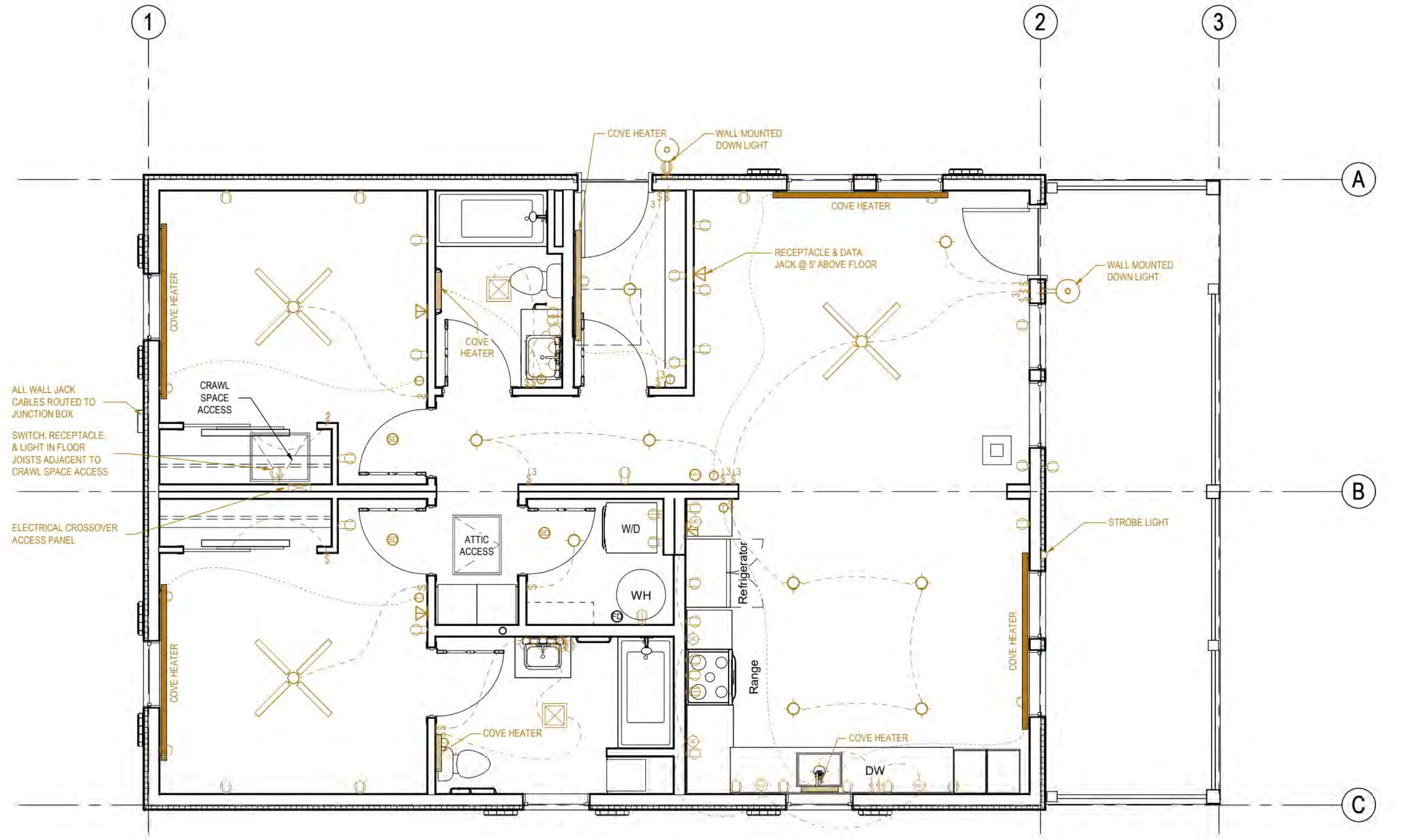
A/E: FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: JC CADD: BB/PS/AS TECH. REVIEW: LF DATE: 06/18/2026	SUB SHEET NO. **E101A**	TITLE OF SHEET 2BR ELECTRICAL PLAN YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 83 OF 94


1
2
3
A
B
C
COVE HEATER
WALL MOUNTED DOWN LIGHT
COVE HEATER
RECEPTACLE & DATA JACK @ 5' ABOVE FLOOR
WALL MOUNTED DOWN LIGHT
CRAWL SPACE ACCESS
ALL WALL JACK CABLES ROUTED TO JUNCTION BOX
SWITCH, RECEPTACLE, & LIGHT IN FLOOR JOISTS ADJACENT TO CRAWL SPACE ACCESS
ELECTRICAL CROSSOVER ACCESS PANEL
ATTIC ACCESS
W/D
WH
Refrigerator
Range
STROBE LIGHT
COVE HEATER
DW

A1
E101A
ELECTRICAL PLAN
1/4" = 1'-0"

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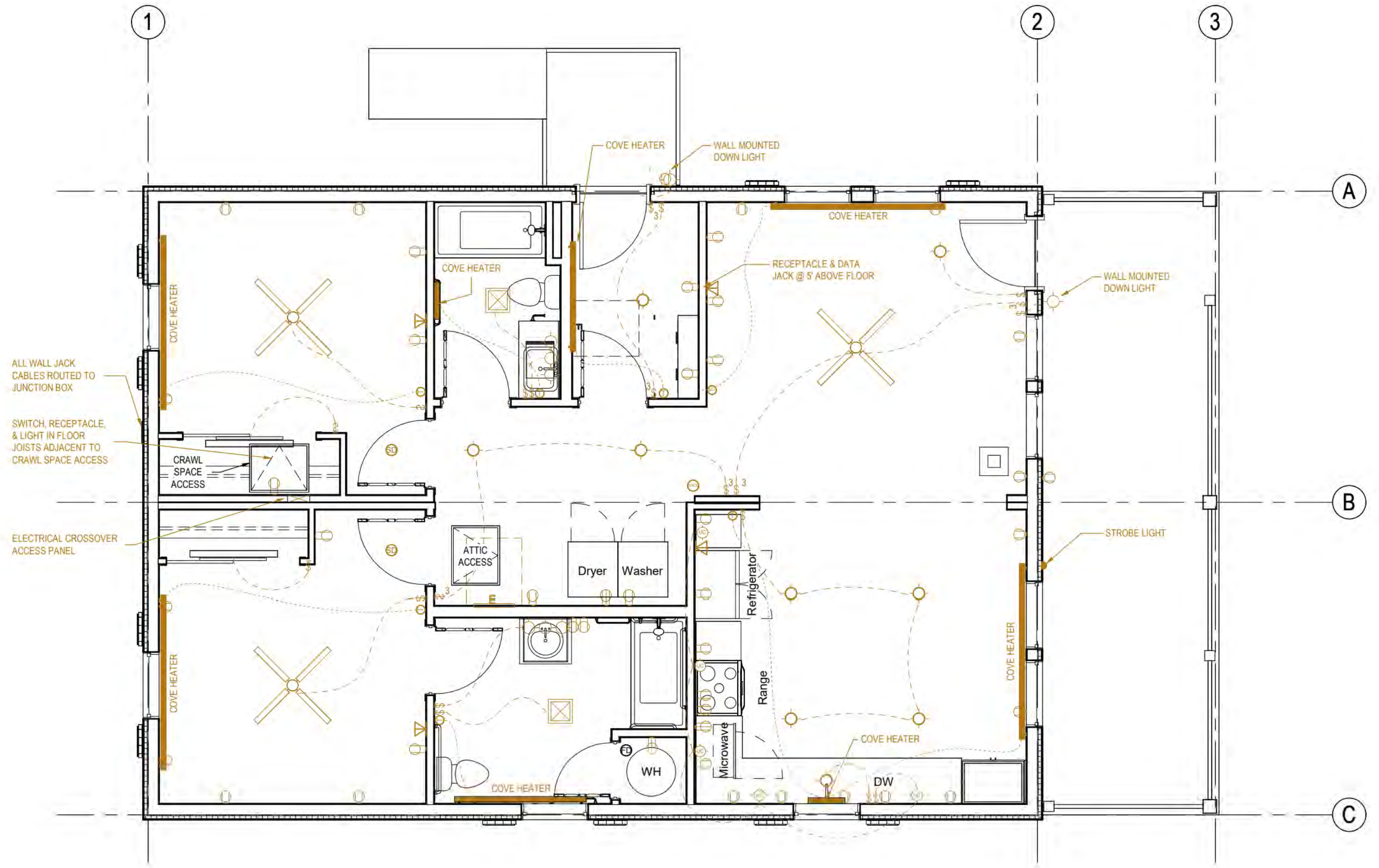
CHEYENNE, WY
DESIGNED: JC
CADD: BB/PS/AS
TECH. REVIEW: LF
DATE: 06/18/2026
SUB SHEET NO. E101A
TITLE OF SHEET 2BR ELECTRICAL PLAN
YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433
PMIS/PKG NO. 326141
SHEET 83 OF 94

IDENTICAL



1
2
3
A
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C
COVE HEATER
WALL MOUNTED DOWN LIGHT
COVE HEATER
RECEPTACLE & DATA JACK @ 5' ABOVE FLOOR
WALL MOUNTED DOWN LIGHT
ALL WALL JACK CABLES ROUTED TO JUNCTION BOX
SWITCH, RECEPTACLE, & LIGHT IN FLOOR JOISTS ADJACENT TO CRAWL SPACE ACCESS
CRAWL SPACE ACCESS
ELECTRICAL CROSSOVER ACCESS PANEL
ATTIC ACCESS
Dryer
Washer
Refrigerator
Range
Microwave
STROBE LIGHT
COVE HEATER
WH
DW

A1
E101B
ELECTRICAL PLAN
1/4" = 1'-0"

PRELIMINARY
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STANTEC
CHEYENNE, WY

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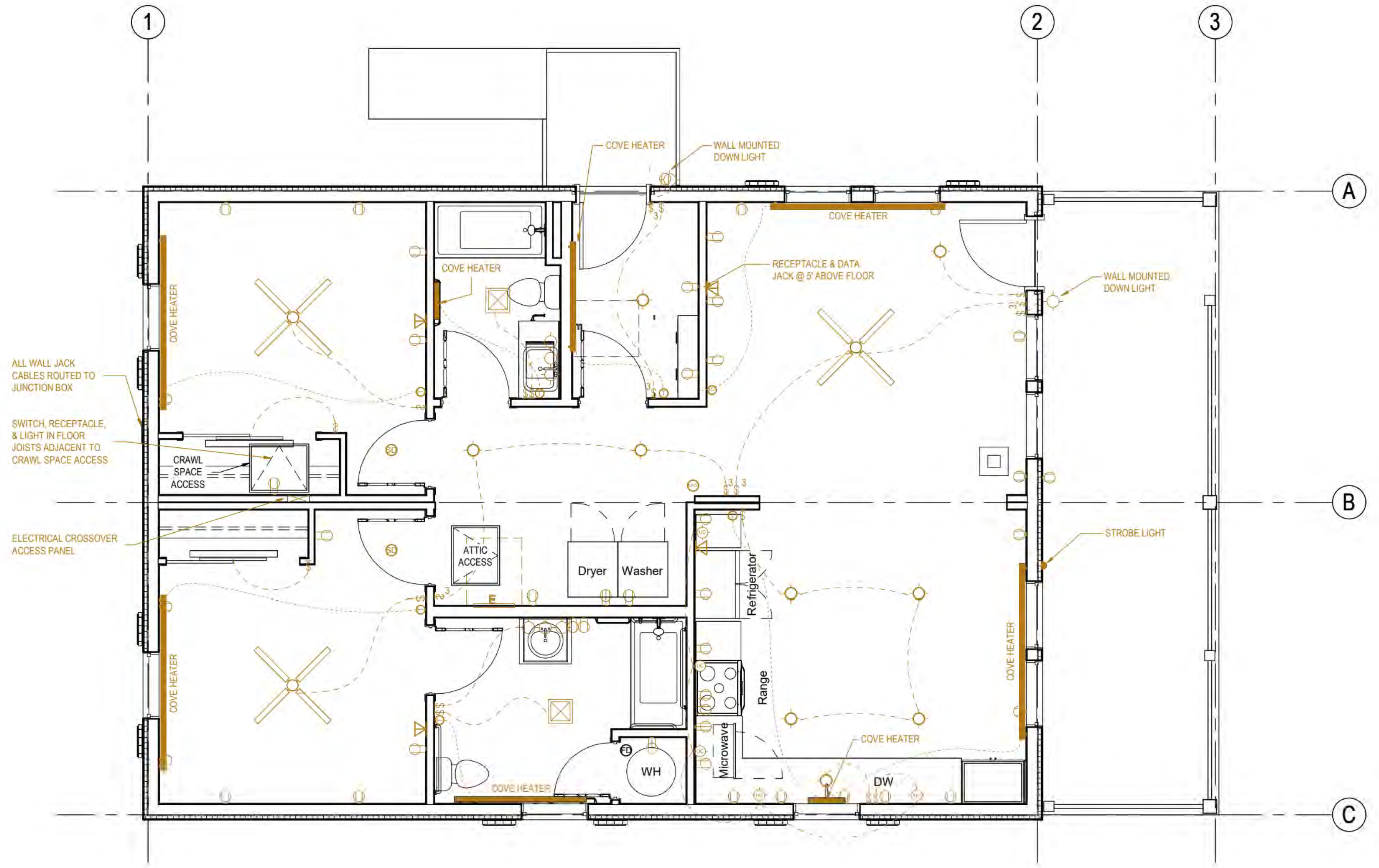
SUB SHEET NO.
E101B

TITLE OF SHEET
2BR ABA ELECTRICAL
PLAN
YELLOWSTONE NATIONAL PARK

DRAWING NO.
101
198433
PMIS/PKG NO.
326141A/326104
SHEET
84 OF 94



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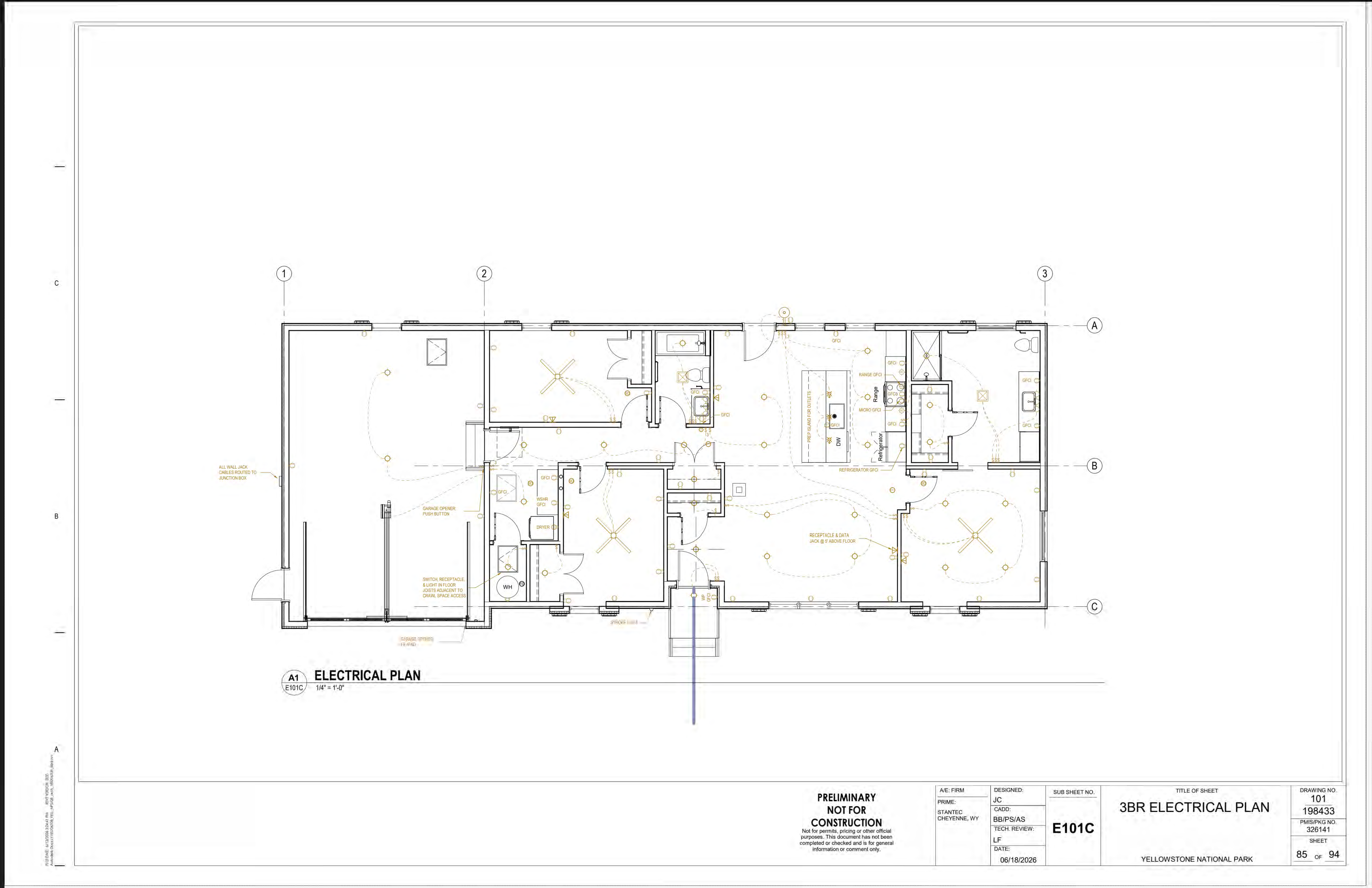
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ALL WALL JACK CABLES ROUTED TO JUNCTION BOX
GARAGE OPENER: PUSH BUTTON
SWITCH, RECEPTACLE, & LIGHT IN FLOOR JOISTS ADJACENT TO CRAWL SPACE ACCESS
WH
GFCI
WSHR GFCI
DRYER
PREP ISLAND FOR OUTLETS
DW
RANGE GFCI
Range
MICRO GFCI
Refrigerator
REFRIGERATOR GFCI
RECEPTACLE & DATA JACK @ 5' ABOVE FLOOR
WP GFCI

ELECTRICAL PLAN

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E101C
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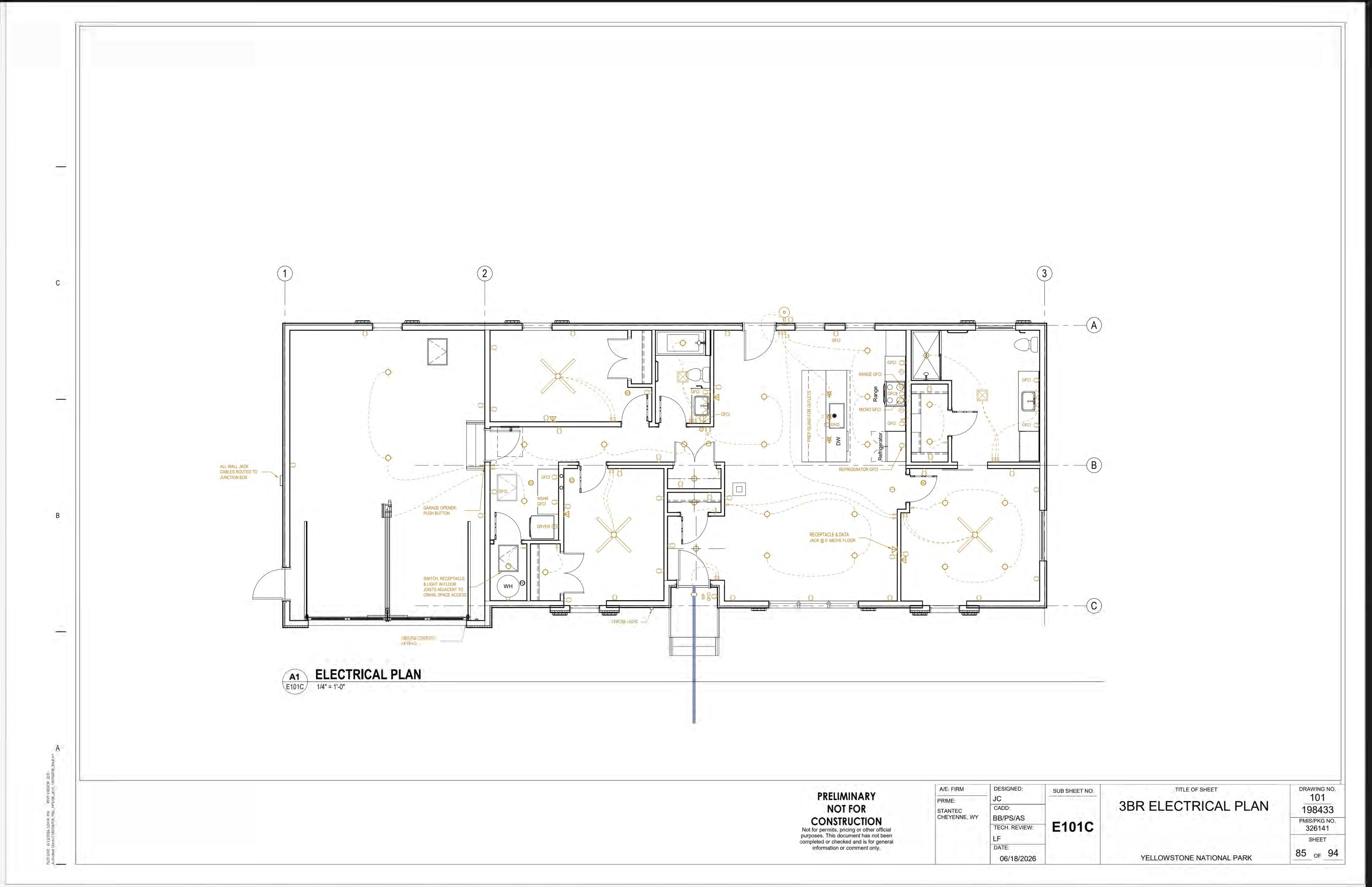
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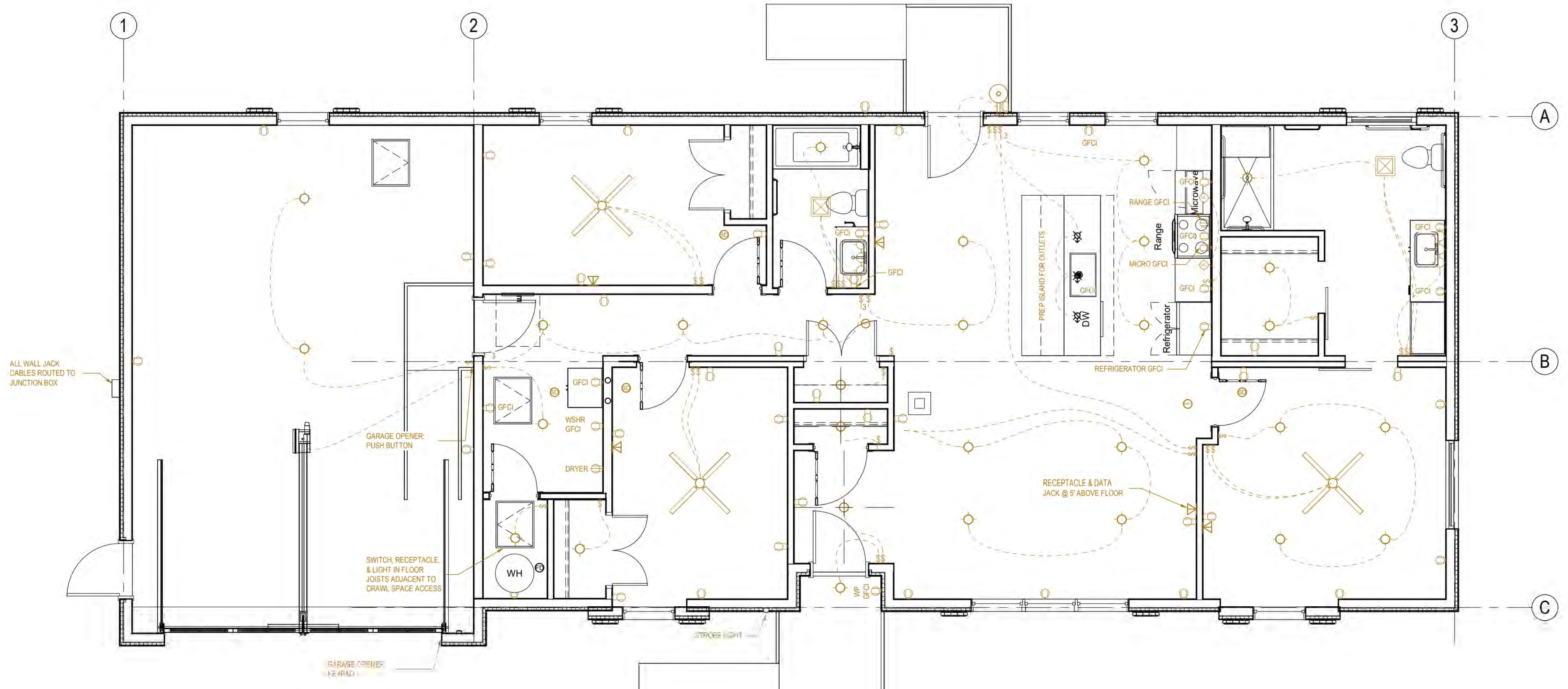
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GARAGE OPENER KEYPAD
STROBE LIGHT
GFCI
WSHR GFCI
DRYER
WH
WP GFCI
PREP ISLAND FOR OUTLETS
DW
RANGE GFCI
MICRO GFCI
Microwave
Range
Refrigerator
REFRIGERATOR GFCI
RECEPTACLE & DATA JACK @ 5' ABOVE FLOOR

A1
E101D

ELECTRICAL PLAN

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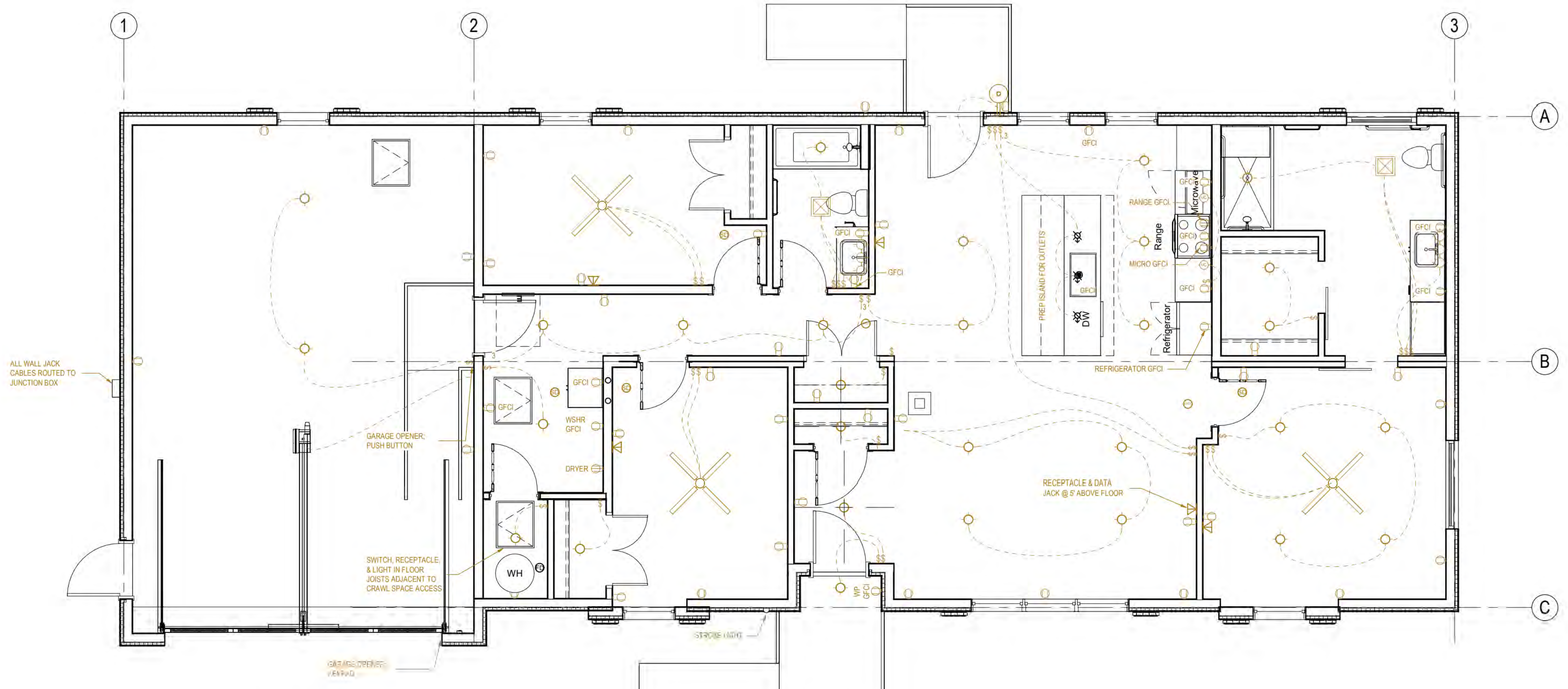

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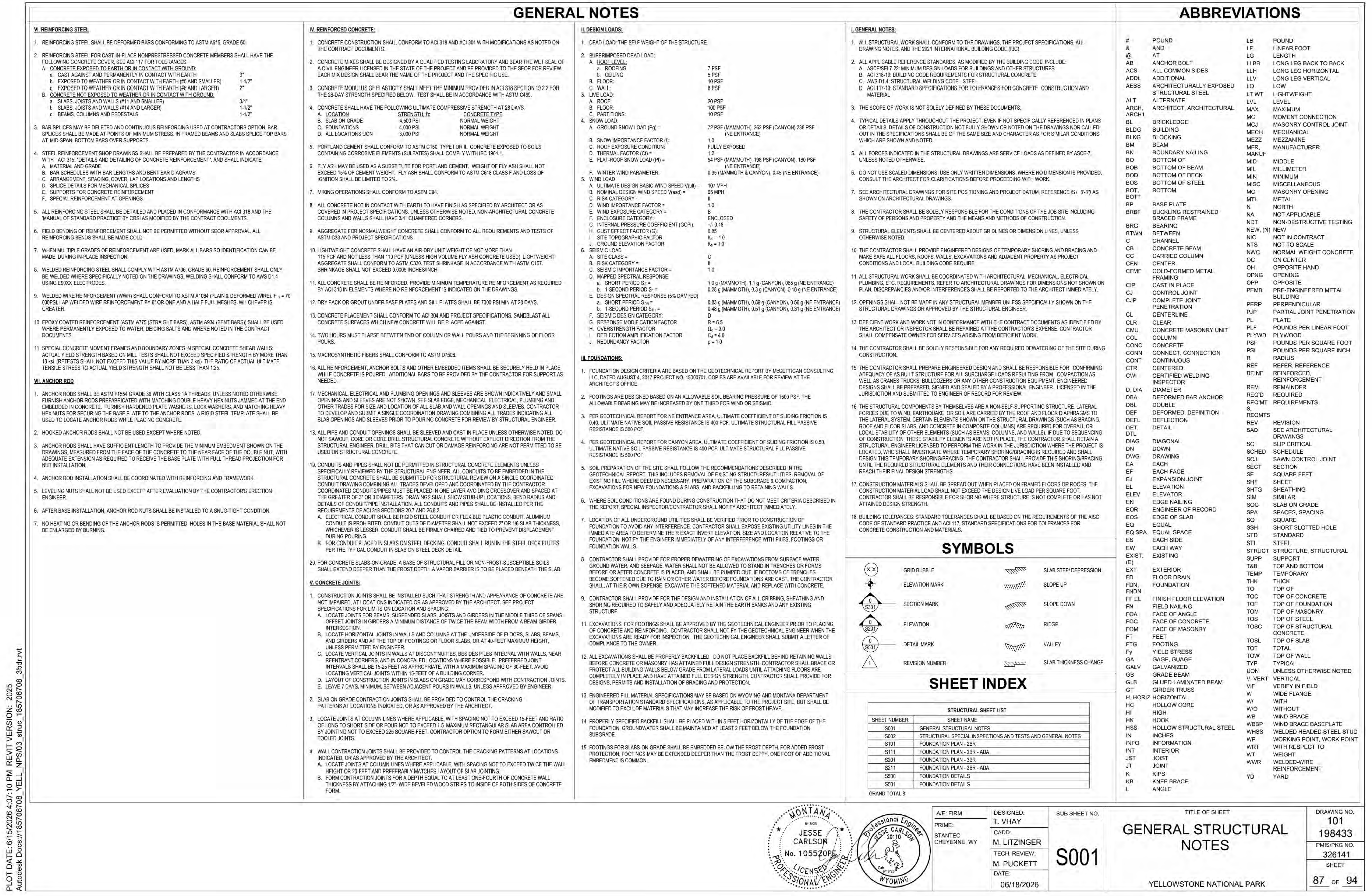


GENERAL NOTES

ABBREVIATIONS

SYMBOLS

SHEET INDEX

STRUCTURAL SHEET LIST	
SHEET NUMBER	SHEET NAME
S001	GENERAL STRUCTURAL NOTES
S002	STRUCTURAL SPECIAL INSPECTIONS AND TESTS AND GENERAL NOTES
S101	FOUNDATION PLAN - 2BR
S111	FOUNDATION PLAN - 2BR - ADA
S201	FOUNDATION PLAN - 3BR
S211	FOUNDATION PLAN - 3BR - ADA
S500	FOUNDATION DETAILS
S501	FOUNDATION DETAILS

GRAND TOTAL 8

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: T. VHAY

CADD: M. LITZINGER

TECH. REVIEW: M. PUCKETT

DATE: 06/18/2026

SUB SHEET NO. S001

TITLE OF SHEET

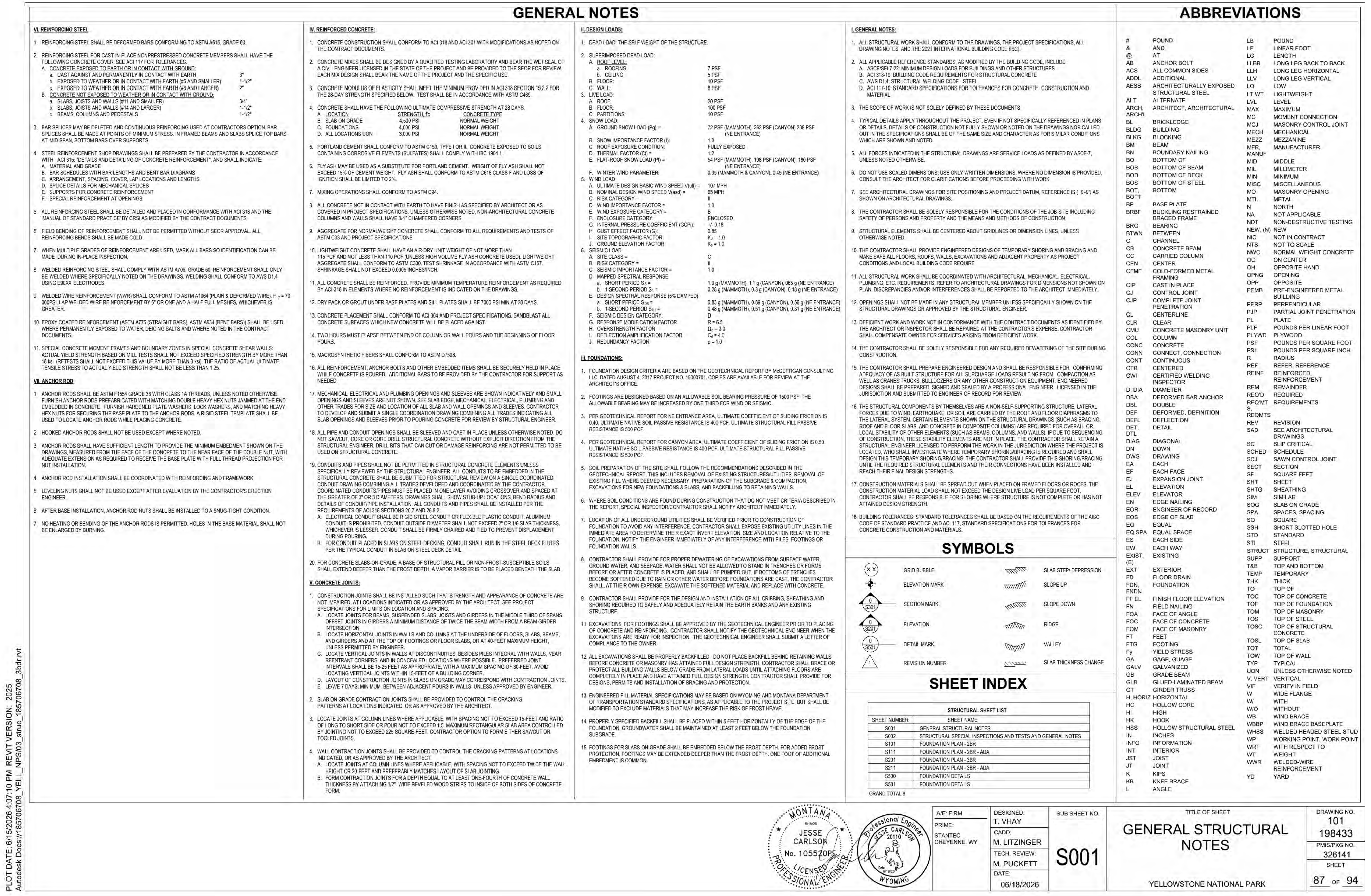
GENERAL STRUCTURAL NOTES

YELLOWSTONE NATIONAL PARK

DRAWING NO. 101 198433

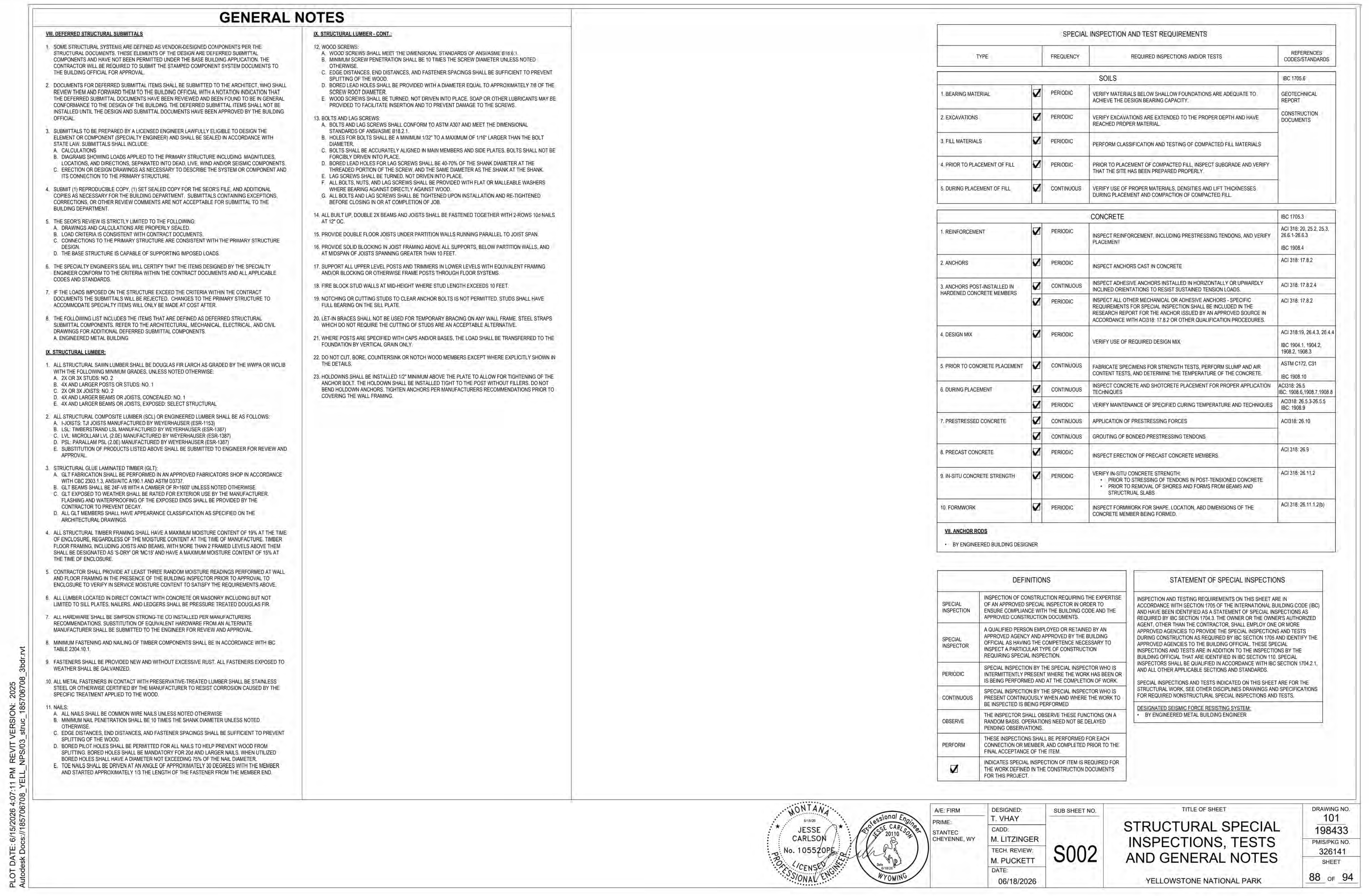
PMIS/PKG NO. 326141

SHEET 87 OF 94



DELTADOCS

IDENTICAL



GENERAL NOTES

VIII. DEFERRED STRUCTURAL SUBMITTALS

1. SOME STRUCTURAL SYSTEMS ARE DEFINED AS VENDOR-DESIGNED COMPONENTS PER THE STRUCTURAL DOCUMENTS. THESE ELEMENTS OF THE DESIGN ARE DEFERRED SUBMITTAL COMPONENTS AND HAVE NOT BEEN PERMITTED UNDER THE BASE BUILDING APPLICATION. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT THE STAMPED COMPONENT SYSTEM DOCUMENTS TO THE BUILDING OFFICIAL FOR APPROVAL.
2. DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT, WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATION THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND BEEN FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.
3. SUBMITTALS TO BE PREPARED BY A LICENSED ENGINEER LAWFULLY ELIGIBLE TO DESIGN THE ELEMENT OR COMPONENT (SPECIALTY ENGINEER) AND SHALL BE SEALED IN ACCORDANCE WITH STATE LAW. SUBMITTALS SHALL INCLUDE:
   A. CALCULATIONS
   B. DIAGRAMS SHOWING LOADS APPLIED TO THE PRIMARY STRUCTURE INCLUDING MAGNITUDES, LOCATIONS, AND DIRECTIONS, SEPARATED INTO DEAD, LIVE, WIND AND/OR SEISMIC COMPONENTS.
   C. ERECTION OR DESIGN DRAWINGS AS NECESSARY TO DESCRIBE THE SYSTEM OR COMPONENT AND ITS CONNECTION TO THE PRIMARY STRUCTURE.
4. SUBMIT (1) REPRODUCIBLE COPY, (1) SET SEALED COPY FOR THE SEOR'S FILE, AND ADDITIONAL COPIES AS NECESSARY FOR THE BUILDING DEPARTMENT. SUBMITTALS CONTAINING EXCEPTIONS, CORRECTIONS, OR OTHER REVIEW COMMENTS ARE NOT ACCEPTABLE FOR SUBMITTAL TO THE BUILDING DEPARTMENT.
5. THE SEOR'S REVIEW IS STRICTLY LIMITED TO THE FOLLOWING:
   A. DRAWINGS AND CALCULATIONS ARE PROPERLY SEALED.
   B. LOAD CRITERIA IS CONSISTENT WITH CONTRACT DOCUMENTS.
   C. CONNECTIONS TO THE PRIMARY STRUCTURE ARE CONSISTENT WITH THE PRIMARY STRUCTURE DESIGN.
   D. THE BASE STRUCTURE IS CAPABLE OF SUPPORTING IMPOSED LOADS.
6. THE SPECIALTY ENGINEER'S SEAL WILL CERTIFY THAT THE ITEMS DESIGNED BY THE SPECIALTY ENGINEER CONFORM TO THE CRITERIA WITHIN THE CONTRACT DOCUMENTS AND ALL APPLICABLE CODES AND STANDARDS.
7. IF THE LOADS IMPOSED ON THE STRUCTURE EXCEED THE CRITERIA WITHIN THE CONTRACT DOCUMENTS THE SUBMITTALS WILL BE REJECTED. CHANGES TO THE PRIMARY STRUCTURE TO ACCOMMODATE SPECIALTY ITEMS WILL ONLY BE MADE AT COST AFTER.
8. THE FOLLOWING LIST INCLUDES THE ITEMS THAT ARE DEFINED AS DEFERRED STRUCTURAL SUBMITTAL COMPONENTS. REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND CIVIL DRAWINGS FOR ADDITIONAL DEFERRED SUBMITTAL COMPONENTS.
   A. ENGINEERED METAL BUILDING

IX. STRUCTURAL LUMBER:

1. ALL STRUCTURAL SAWN LUMBER SHALL BE DOUGLAS FIR LARCH AS GRADED BY THE WWPA OR WCLIB WITH THE FOLLOWING MINIMUM GRADES, UNLESS NOTED OTHERWISE:
   A. 2X OR 3X STUDS: NO. 2
   B. 4X AND LARGER POSTS OR STUDS: NO. 1
   C. 2X OR 3X JOISTS: NO. 2
   D. 4X AND LARGER BEAMS OR JOISTS, CONCEALED: NO. 1
   E. 4X AND LARGER BEAMS OR JOISTS, EXPOSED: SELECT STRUCTURAL
2. ALL STRUCTURAL COMPOSITE LUMBER (SCL) OR ENGINEERED LUMBER SHALL BE AS FOLLOWS:
   A. I-JOISTS: TJI JOISTS MANUFACTURED BY WEYERHAUSER (ESR-1153)
   B. LSL: TIMBERSTRAND LSL MANUFACTURED BY WEYERHAUSER (ESR-1387)
   C. LVL: MICROLLAM LVL (2.0E) MANUFACTURED BY WEYERHAUSER (ESR-1387)
   D. PSL: PARALLAM PSL (2.0E) MANUFACTURED BY WEYERHAUSER (ESR-1387)
   E. SUBSTITUTION OF PRODUCTS LISTED ABOVE SHALL BE SUBMITTED TO ENGINEER FOR REVIEW AND APPROVAL.
3. STRUCTURAL GLUE LAMINATED TIMBER (GLT):
   A. GLT FABRICATION SHALL BE PERFORMED IN AN APPROVED FABRICATORS SHOP IN ACCORDANCE WITH CBC 2303.1.3, ANSI/AITC A190.1 AND ASTM D3737.
   B. GLT BEAMS SHALL BE 24F-V8 WITH A CAMBER OF R=1600' UNLESS NOTED OTHERWISE.
   C. GLT EXPOSED TO WEATHER SHALL BE RATED FOR EXTERIOR USE BY THE MANUFACTURER. FLASHING AND WATERPROOFING OF THE EXPOSED ENDS SHALL BE PROVIDED BY THE CONTRACTOR TO PREVENT DECAY.
   D. ALL GLT MEMBERS SHALL HAVE APPEARANCE CLASSIFICATION AS SPECIFIED ON THE ARCHITECTURAL DRAWINGS.
4. ALL STRUCTURAL TIMBER FRAMING SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% AT THE TIME OF ENCLOSURE, REGARDLESS OF THE MOISTURE CONTENT AT THE TIME OF MANUFACTURE. TIMBER FLOOR FRAMING, INCLUDING JOISTS AND BEAMS, WITH MORE THAN 2 FRAMED LEVELS ABOVE THEM SHALL BE DESIGNATED AS 'S-DRY' OR 'MC15' AND HAVE A MAXIMUM MOISTURE CONTENT OF 15% AT THE TIME OF ENCLOSURE.
5. CONTRACTOR SHALL PROVIDE AT LEAST THREE RANDOM MOISTURE READINGS PERFORMED AT WALL AND FLOOR FRAMING IN THE PRESENCE OF THE BUILDING INSPECTOR PRIOR TO APPROVAL TO ENCLOSURE TO VERIFY IN SERVICE MOISTURE CONTENT TO SATISFY THE REQUIREMENTS ABOVE.
6. ALL LUMBER LOCATED IN DIRECT CONTACT WITH CONCRETE OR MASONRY INCLUDING BUT NOT LIMITED TO SILL PLATES, NAILERS, AND LEDGERS SHALL BE PRESSURE TREATED DOUGLAS FIR.
7. ALL HARDWARE SHALL BE SIMPSON STRONG-TIE CO INSTALLED PER MANUFACTURERS RECOMMENDATIONS. SUBSTITUTION OF EQUIVALENT HARDWARE FROM AN ALTERNATE MANUFACTURER SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
8. MINIMUM FASTENING AND NAILING OF TIMBER COMPONENTS SHALL BE IN ACCORDANCE WITH IBC TABLE 2304.10.1.
9. FASTENERS SHALL BE PROVIDED NEW AND WITHOUT EXCESSIVE RUST. ALL FASTENERS EXPOSED TO WEATHER SHALL BE GALVANIZED.
10. ALL METAL FASTENERS IN CONTACT WITH PRESERVATIVE-TREATED LUMBER SHALL BE STAINLESS STEEL OR OTHERWISE CERTIFIED BY THE MANUFACTURER TO RESIST CORROSION CAUSED BY THE SPECIFIC TREATMENT APPLIED TO THE WOOD.
11. NAILS:
    A. ALL NAILS SHALL BE COMMON WIRE NAILS UNLESS NOTED OTHERWISE
    B. MINIMUM NAIL PENETRATION SHALL BE 10 TIMES THE SHANK DIAMETER UNLESS NOTED OTHERWISE.
    C. EDGE DISTANCES, END DISTANCES, AND FASTENER SPACINGS SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD.
    D. BORED PILOT HOLES SHALL BE PERMITTED FOR ALL NAILS TO HELP PREVENT WOOD FROM SPLITTING. BORED HOLES SHALL BE MANDATORY FOR 20d AND LARGER NAILS. WHEN UTILIZED BORED HOLES SHALL HAVE A DIAMETER NOT EXCEEDING 75% OF THE NAIL DIAMETER.
    E. TOE NAILS SHALL BE DRIVEN AT AN ANGLE OF APPROXIMATELY 30 DEGREES WITH THE MEMBER AND STARTED APPROXIMATELY 1/3 THE LENGTH OF THE FASTENER FROM THE MEMBER END.

IX. STRUCTURAL LUMBER - CONT.:

12. WOOD SCREWS:
    A. WOOD SCREWS SHALL MEET THE DIMENSIONAL STANDARDS OF ANSI/ASME B18.6.1.
    B. MINIMUM SCREW PENETRATION SHALL BE 10 TIMES THE SCREW DIAMETER UNLESS NOTED OTHERWISE.
    C. EDGE DISTANCES, END DISTANCES, AND FASTENER SPACINGS SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD.
    D. BORED LEAD HOLES SHALL BE PROVIDED WITH A DIAMETER EQUAL TO APPROXIMATELY 7/8 OF THE SCREW ROOT DIAMETER.
    E. WOOD SCREWS SHALL BE TURNED, NOT DRIVEN INTO PLACE. SOAP OR OTHER LUBRICANTS MAY BE PROVIDED TO FACILITATE INSERTION AND TO PREVENT DAMAGE TO THE SCREWS.
13. BOLTS AND LAG SCREWS:
    A. BOLTS AND LAG SCREWS SHALL CONFORM TO ASTM A307 AND MEET THE DIMENSIONAL STANDARDS OF ANSI/ASME B18.2.1.
    B. HOLES FOR BOLTS SHALL BE A MINIMUM 1/32" TO A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER.
    C. BOLTS SHALL BE ACCURATELY ALIGNED IN MAIN MEMBERS AND SIDE PLATES. BOLTS SHALL NOT BE FORCIBLY DRIVEN INTO PLACE.
    D. BORED LEAD HOLES FOR LAG SCREWS SHALL BE 40-70% OF THE SHANK DIAMETER AT THE THREADED PORTION OF THE SCREW, AND THE SAME DIAMETER AS THE SHANK AT THE SHANK.
    E. LAG SCREWS SHALL BE TURNED, NOT DRIVEN INTO PLACE.
    F. ALL BOLTS, NUTS, AND LAG SCREWS SHALL BE PROVIDED WITH FLAT OR MALLEABLE WASHERS WHERE BEARING AGAINST DIRECTLY AGAINST WOOD.
    G. ALL BOLTS AND LAG SCREWS SHALL BE TIGHTENED UPON INSTALLATION AND RE-TIGHTENED BEFORE CLOSING IN OR AT COMPLETION OF JOB.
14. ALL BUILT UP, DOUBLE 2X BEAMS AND JOISTS SHALL BE FASTENED TOGETHER WITH 2-ROWS 10d NAILS AT 12" OC.
15. PROVIDE DOUBLE FLOOR JOISTS UNDER PARTITION WALLS RUNNING PARALLEL TO JOIST SPAN.
16. PROVIDE SOLID BLOCKING IN JOIST FRAMING ABOVE ALL SUPPORTS, BELOW PARTITION WALLS, AND AT MIDSPAN OF JOISTS SPANNING GREATER THAN 10 FEET.
17. SUPPORT ALL UPPER LEVEL POSTS AND TRIMMERS IN LOWER LEVELS WITH EQUIVALENT FRAMING AND/OR BLOCKING OR OTHERWISE FRAME POSTS THROUGH FLOOR SYSTEMS.
18. FIRE BLOCK STUD WALLS AT MID-HEIGHT WHERE STUD LENGTH EXCEEDS 10 FEET.
19. NOTCHING OR CUTTING STUDS TO CLEAR ANCHOR BOLTS IS NOT PERMITTED. STUDS SHALL HAVE FULL BEARING ON THE SILL PLATE.
20. LET-IN BRACES SHALL NOT BE USED FOR TEMPORARY BRACING ON ANY WALL FRAME. STEEL STRAPS WHICH DO NOT REQUIRE THE CUTTING OF STUDS ARE AN ACCEPTABLE ALTERNATIVE.
21. WHERE POSTS ARE SPECIFIED WITH CAPS AND/OR BASES, THE LOAD SHALL BE TRANSFERRED TO THE FOUNDATION BY VERTICAL GRAIN ONLY.
22. DO NOT CUT, BORE, COUNTERSINK OR NOTCH WOOD MEMBERS EXCEPT WHERE EXPLICITLY SHOWN IN THE DETAILS.
23. HOLDOWNS SHALL BE INSTALLED 1/2" MINIMUM ABOVE THE PLATE TO ALLOW FOR TIGHTENING OF THE ANCHOR BOLT. THE HOLDOWN SHALL BE INSTALLED TIGHT TO THE POST WITHOUT FILLERS. DO NOT BEND HOLDOWN ANCHORS. TIGHTEN ANCHORS PER MANUFACTURERS RECOMMENDATIONS PRIOR TO COVERING THE WALL FRAMING.

SPECIAL INSPECTION AND TEST REQUIREMENTS

TYPE		FREQUENCY	REQUIRED INSPECTIONS AND/OR TESTS	REFERENCES CODES/STANDARDS
SOILS				IBC 1705.6
1. BEARING MATERIAL	☑	PERIODIC	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	GEOTECHNICAL REPORT CONSTRUCTION DOCUMENTS
2. EXCAVATIONS	☑	PERIODIC	VERIFY EXCAVATIONS ARE EXTENDED TO THE PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	
3. FILL MATERIALS	☑	PERIODIC	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	
4. PRIOR TO PLACEMENT OF FILL	☑	PERIODIC	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT THE SITE HAS BEEN PREPARED PROPERLY.	
5. DURING PLACEMENT OF FILL	☑	CONTINUOUS	VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	
CONCRETE				IBC 1705.3
1. REINFORCEMENT	☑	PERIODIC	INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	ACI 318: 20, 25.2, 25.3, 26.6.1-26.6.3 IBC 1908.4
2. ANCHORS	☑	PERIODIC	INSPECT ANCHORS CAST IN CONCRETE	ACI 318: 17.8.2
3. ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS	☑	CONTINUOUS	INSPECT ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	ACI 318: 17.8.2.4
	☑	PERIODIC	INSPECT ALL OTHER MECHANICAL OR ADHESIVE ANCHORS - SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH ACI318: 17.8.2 OR OTHER QUALIFICATION PROCEDURES.	ACI 318: 17.8.2
4. DESIGN MIX	☑	PERIODIC	VERIFY USE OF REQUIRED DESIGN MIX	ACI 318:19, 26.4.3, 26.4.4 IBC 1904.1, 1904.2, 1908.2, 1908.3
5. PRIOR TO CONCRETE PLACEMENT	☑	CONTINUOUS	FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	ASTM C172, C31 IBC 1908.10
6. DURING PLACEMENT	☑	CONTINUOUS	INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	ACI318: 26.5 IBC: 1908.6,1908.7,1908.8
	☑	PERIODIC	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	ACI318: 26.5.3-26.5.5 IBC: 1908.9
7. PRESTRESSED CONCRETE	☑	CONTINUOUS	APPLICATION OF PRESTRESSING FORCES	ACI318: 26.10
	☑	CONTINUOUS	GROUTING OF BONDED PRESTRESSING TENDONS	
8. PRECAST CONCRETE	☑	PERIODIC	INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	ACI 318: 26.9
9. IN-SITU CONCRETE STRENGTH	☑	PERIODIC	VERIFY IN-SITU CONCRETE STRENGTH: • PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE • PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTRUAL SLABS	ACI 318: 26.11.2
10. FORMWORK	☑	PERIODIC	INSPECT FORMWORK FOR SHAPE, LOCATION, ABD DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	ACI 318: 26.11.1.2(b)

VII. ANCHOR RODS

- BY ENGINEERED BUILDING DESIGNER

DEFINITIONS

SPECIAL INSPECTION	INSPECTION OF CONSTRUCTION REQUIRING THE EXPERTISE OF AN APPROVED SPECIAL INSPECTOR IN ORDER TO ENSURE COMPLIANCE WITH THE BUILDING CODE AND THE APPROVED CONSTRUCTION DOCUMENTS.
SPECIAL INSPECTOR	A QUALIFIED PERSON EMPLOYED OR RETAINED BY AN APPROVED AGENCY AND APPROVED BY THE BUILDING OFFICIAL AS HAVING THE COMPETENCE NECESSARY TO INSPECT A PARTICULAR TYPE OF CONSTRUCTION REQUIRING SPECIAL INSPECTION.
PERIODIC	SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF WORK.
CONTINUOUS	SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT CONTINUOUSLY WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED
OBSERVE	THE INSPECTOR SHALL OBSERVE THESE FUNCTIONS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING OBSERVATIONS.
PERFORM	THESE INSPECTIONS SHALL BE PERFORMED FOR EACH CONNECTION OR MEMBER, AND COMPLETED PRIOR TO THE FINAL ACCEPTANCE OF THE ITEM.
☑	INDICATES SPECIAL INSPECTION OF ITEM IS REQUIRED FOR THE WORK DEFINED IN THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT.

STATEMENT OF SPECIAL INSPECTIONS

INSPECTION AND TESTING REQUIREMENTS ON THIS SHEET ARE IN ACCORDANCE WITH SECTION 1705 OF THE INTERNATIONAL BUILDING CODE (IBC) AND HAVE BEEN IDENTIFIED AS A STATEMENT OF SPECIAL INSPECTIONS AS REQUIRED BY IBC SECTION 1704.3. THE OWNER OR THE OWNER'S AUTHORIZED AGENT, OTHER THAN THE CONTRACTOR, SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PROVIDE THE SPECIAL INSPECTIONS AND TESTS DURING CONSTRUCTION AS REQUIRED BY IBC SECTION 1705 AND IDENTIFY THE APPROVED AGENCIES TO THE BUILDING OFFICIAL. THESE SPECIAL INSPECTIONS AND TESTS ARE IN ADDITION TO THE INSPECTIONS BY THE BUILDING OFFICIAL THAT ARE IDENTIFIED IN IBC SECTION 110. SPECIAL INSPECTORS SHALL BE QUALIFIED IN ACCORDANCE WITH IBC SECTION 1704.2.1, AND ALL OTHER APPLICABLE SECTIONS AND STANDARDS.

SPECIAL INSPECTIONS AND TESTS INDICATED ON THIS SHEET ARE FOR THE STRUCTURAL WORK, SEE OTHER DISCIPLINES DRAWINGS AND SPECIFICATIONS FOR REQUIRED NONSTRUCTURAL SPECIAL INSPECTIONS AND TESTS.

DESIGNATED SEISMIC FORCE RESISTING SYSTEM:
- BY ENGINEERED METAL BUILDING ENGINEER

JESSE CARLSON No. 105520PE 6/18/26
JESSE CARLSON 20110 Date 6/18/26

A/E: FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: T. VHAY CADD: M. LITZINGER TECH. REVIEW: M. PUCKETT DATE: 06/18/2026	SUB SHEET NO. S002	TITLE OF SHEET STRUCTURAL SPECIAL INSPECTIONS, TESTS AND GENERAL NOTES YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 88 OF 94

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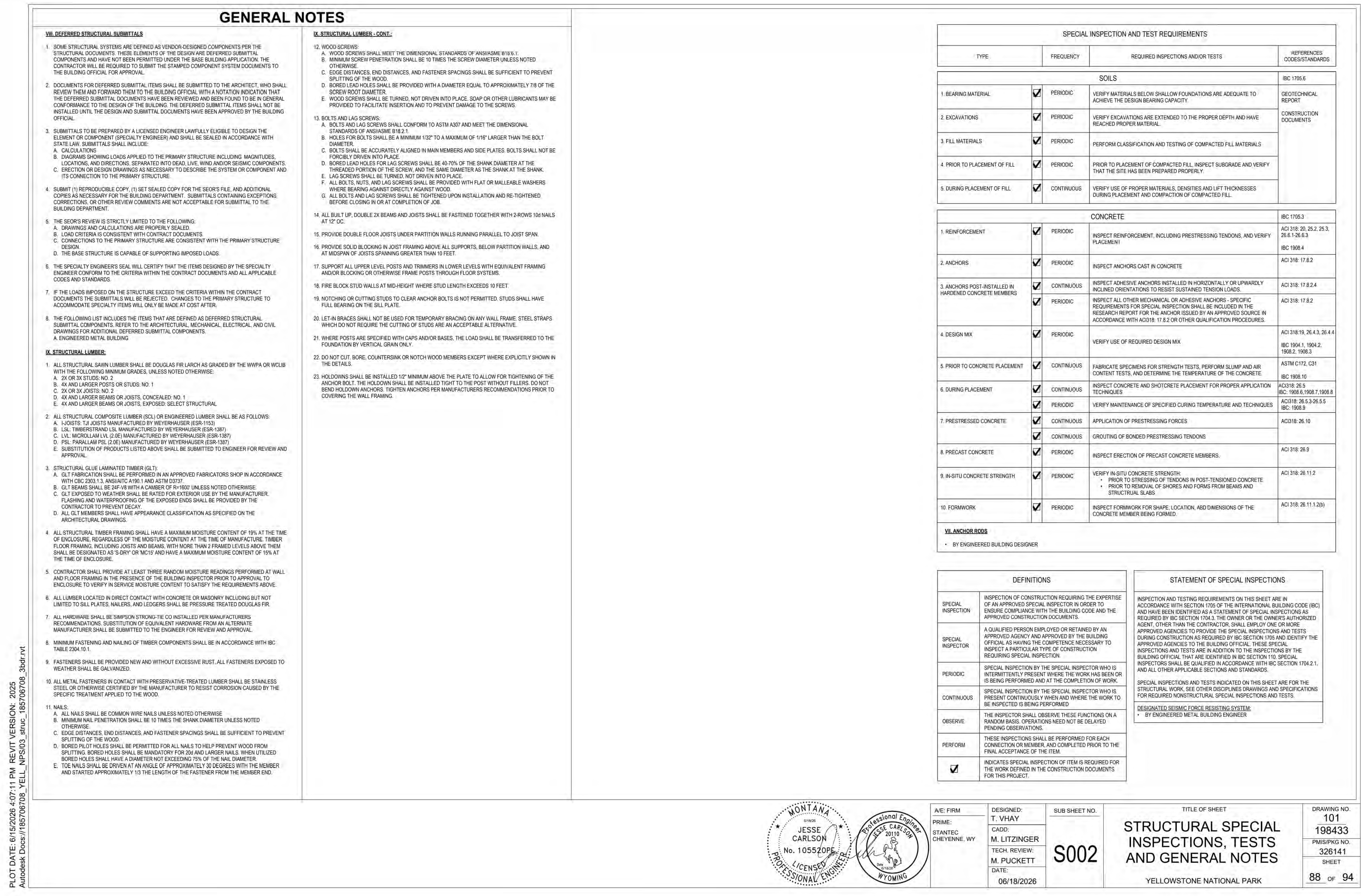

GENERAL NOTES

VIII. DEFERRED STRUCTURAL SUBMITTALS

1. SOME STRUCTURAL SYSTEMS ARE DEFINED AS VENDOR-DESIGNED COMPONENTS PER THE STRUCTURAL DOCUMENTS. THESE ELEMENTS OF THE DESIGN ARE DEFERRED SUBMITTAL COMPONENTS AND HAVE NOT BEEN PERMITTED UNDER THE BASE BUILDING APPLICATION. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT THE STAMPED COMPONENT SYSTEM DOCUMENTS TO THE BUILDING OFFICIAL FOR APPROVAL.
2. DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT, WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATION THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND BEEN FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.
3. SUBMITTALS TO BE PREPARED BY A LICENSED ENGINEER LAWFULLY ELIGIBLE TO DESIGN THE ELEMENT OR COMPONENT (SPECIALTY ENGINEER) AND SHALL BE SEALED IN ACCORDANCE WITH STATE LAW. SUBMITTALS SHALL INCLUDE:
   A. CALCULATIONS
   B. DIAGRAMS SHOWING LOADS APPLIED TO THE PRIMARY STRUCTURE INCLUDING MAGNITUDES, LOCATIONS, AND DIRECTIONS, SEPARATED INTO DEAD, LIVE, WIND AND/OR SEISMIC COMPONENTS.
   C. ERECTION OR DESIGN DRAWINGS AS NECESSARY TO DESCRIBE THE SYSTEM OR COMPONENT AND ITS CONNECTION TO THE PRIMARY STRUCTURE.
4. SUBMIT (1) REPRODUCIBLE COPY, (1) SET SEALED COPY FOR THE SEOR'S FILE, AND ADDITIONAL COPIES AS NECESSARY FOR THE BUILDING DEPARTMENT. SUBMITTALS CONTAINING EXCEPTIONS, CORRECTIONS, OR OTHER REVIEW COMMENTS ARE NOT ACCEPTABLE FOR SUBMITTAL TO THE BUILDING DEPARTMENT.
5. THE SEOR'S REVIEW IS STRICTLY LIMITED TO THE FOLLOWING:
   A. DRAWINGS AND CALCULATIONS ARE PROPERLY SEALED.
   B. LOAD CRITERIA IS CONSISTENT WITH CONTRACT DOCUMENTS.
   C. CONNECTIONS TO THE PRIMARY STRUCTURE ARE CONSISTENT WITH THE PRIMARY STRUCTURE DESIGN.
   D. THE BASE STRUCTURE IS CAPABLE OF SUPPORTING IMPOSED LOADS.
6. THE SPECIALTY ENGINEER'S SEAL WILL CERTIFY THAT THE ITEMS DESIGNED BY THE SPECIALTY ENGINEER CONFORM TO THE CRITERIA WITHIN THE CONTRACT DOCUMENTS AND ALL APPLICABLE CODES AND STANDARDS.
7. IF THE LOADS IMPOSED ON THE STRUCTURE EXCEED THE CRITERIA WITHIN THE CONTRACT DOCUMENTS THE SUBMITTALS WILL BE REJECTED. CHANGES TO THE PRIMARY STRUCTURE TO ACCOMMODATE SPECIALTY ITEMS WILL ONLY BE MADE AT COST AFTER.
8. THE FOLLOWING LIST INCLUDES THE ITEMS THAT ARE DEFINED AS DEFERRED STRUCTURAL SUBMITTAL COMPONENTS. REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND CIVIL DRAWINGS FOR ADDITIONAL DEFERRED SUBMITTAL COMPONENTS.
   A. ENGINEERED METAL BUILDING

IX. STRUCTURAL LUMBER:

1. ALL STRUCTURAL SAWN LUMBER SHALL BE DOUGLAS FIR LARCH AS GRADED BY THE WWPA OR WCLIB WITH THE FOLLOWING MINIMUM GRADES, UNLESS NOTED OTHERWISE:
   A. 2X OR 3X STUDS: NO. 2
   B. 4X AND LARGER POSTS OR STUDS: NO. 1
   C. 2X OR 3X JOISTS: NO. 2
   D. 4X AND LARGER BEAMS OR JOISTS, CONCEALED: NO. 1
   E. 4X AND LARGER BEAMS OR JOISTS, EXPOSED: SELECT STRUCTURAL
2. ALL STRUCTURAL COMPOSITE LUMBER (SCL) OR ENGINEERED LUMBER SHALL BE AS FOLLOWS:
   A. I-JOISTS: TJI JOISTS MANUFACTURED BY WEYERHAUSER (ESR-1153)
   B. LSL: TIMBERSTRAND LSL MANUFACTURED BY WEYERHAUSER (ESR-1387)
   C. LVL: MICROLLAM LVL (2.0E) MANUFACTURED BY WEYERHAUSER (ESR-1387)
   D. PSL: PARALLAM PSL (2.0E) MANUFACTURED BY WEYERHAUSER (ESR-1387)
   E. SUBSTITUTION OF PRODUCTS LISTED ABOVE SHALL BE SUBMITTED TO ENGINEER FOR REVIEW AND APPROVAL.
3. STRUCTURAL GLUE LAMINATED TIMBER (GLT):
   A. GLT FABRICATION SHALL BE PERFORMED IN AN APPROVED FABRICATORS SHOP IN ACCORDANCE WITH CBC 2303.1.3, ANSI/AITC A190.1 AND ASTM D3737.
   B. GLT BEAMS SHALL BE 24F-V8 WITH A CAMBER OF R=1600' UNLESS NOTED OTHERWISE.
   C. GLT EXPOSED TO WEATHER SHALL BE RATED FOR EXTERIOR USE BY THE MANUFACTURER. FLASHING AND WATERPROOFING OF THE EXPOSED ENDS SHALL BE PROVIDED BY THE CONTRACTOR TO PREVENT DECAY.
   D. ALL GLT MEMBERS SHALL HAVE APPEARANCE CLASSIFICATION AS SPECIFIED ON THE ARCHITECTURAL DRAWINGS.
4. ALL STRUCTURAL TIMBER FRAMING SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 19% AT THE TIME OF ENCLOSURE, REGARDLESS OF THE MOISTURE CONTENT AT THE TIME OF MANUFACTURE. TIMBER FLOOR FRAMING, INCLUDING JOISTS AND BEAMS, WITH MORE THAN 2 FRAMED LEVELS ABOVE THEM SHALL BE DESIGNATED AS 'S-DRY' OR 'MC15' AND HAVE A MAXIMUM MOISTURE CONTENT OF 15% AT THE TIME OF ENCLOSURE.
5. CONTRACTOR SHALL PROVIDE AT LEAST THREE RANDOM MOISTURE READINGS PERFORMED AT WALL AND FLOOR FRAMING IN THE PRESENCE OF THE BUILDING INSPECTOR PRIOR TO APPROVAL TO ENCLOSURE TO VERIFY IN SERVICE MOISTURE CONTENT TO SATISFY THE REQUIREMENTS ABOVE.
6. ALL LUMBER LOCATED IN DIRECT CONTACT WITH CONCRETE OR MASONRY INCLUDING BUT NOT LIMITED TO SILL PLATES, NAILERS, AND LEDGERS SHALL BE PRESSURE TREATED DOUGLAS FIR.
7. ALL HARDWARE SHALL BE SIMPSON STRONG-TIE CO INSTALLED PER MANUFACTURERS RECOMMENDATIONS. SUBSTITUTION OF EQUIVALENT HARDWARE FROM AN ALTERNATE MANUFACTURER SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
8. MINIMUM FASTENING AND NAILING OF TIMBER COMPONENTS SHALL BE IN ACCORDANCE WITH IBC TABLE 2304.10.1.
9. FASTENERS SHALL BE PROVIDED NEW AND WITHOUT EXCESSIVE RUST. ALL FASTENERS EXPOSED TO WEATHER SHALL BE GALVANIZED.
10. ALL METAL FASTENERS IN CONTACT WITH PRESERVATIVE-TREATED LUMBER SHALL BE STAINLESS STEEL OR OTHERWISE CERTIFIED BY THE MANUFACTURER TO RESIST CORROSION CAUSED BY THE SPECIFIC TREATMENT APPLIED TO THE WOOD.
11. NAILS:
    A. ALL NAILS SHALL BE COMMON WIRE NAILS UNLESS NOTED OTHERWISE
    B. MINIMUM NAIL PENETRATION SHALL BE 10 TIMES THE SHANK DIAMETER UNLESS NOTED OTHERWISE.
    C. EDGE DISTANCES, END DISTANCES, AND FASTENER SPACINGS SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD.
    D. BORED PILOT HOLES SHALL BE PERMITTED FOR ALL NAILS TO HELP PREVENT WOOD FROM SPLITTING. BORED HOLES SHALL BE MANDATORY FOR 20d AND LARGER NAILS. WHEN UTILIZED BORED HOLES SHALL HAVE A DIAMETER NOT EXCEEDING 75% OF THE NAIL DIAMETER.
    E. TOE NAILS SHALL BE DRIVEN AT AN ANGLE OF APPROXIMATELY 30 DEGREES WITH THE MEMBER AND STARTED APPROXIMATELY 1/3 THE LENGTH OF THE FASTENER FROM THE MEMBER END.

IX. STRUCTURAL LUMBER - CONT.:

12. WOOD SCREWS:
    A. WOOD SCREWS SHALL MEET THE DIMENSIONAL STANDARDS OF ANSI/ASME B18.6.1.
    B. MINIMUM SCREW PENETRATION SHALL BE 10 TIMES THE SCREW DIAMETER UNLESS NOTED OTHERWISE.
    C. EDGE DISTANCES, END DISTANCES, AND FASTENER SPACINGS SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD.
    D. BORED LEAD HOLES SHALL BE PROVIDED WITH A DIAMETER EQUAL TO APPROXIMATELY 7/8 OF THE SCREW ROOT DIAMETER.
    E. WOOD SCREWS SHALL BE TURNED, NOT DRIVEN INTO PLACE. SOAP OR OTHER LUBRICANTS MAY BE PROVIDED TO FACILITATE INSERTION AND TO PREVENT DAMAGE TO THE SCREWS.
13. BOLTS AND LAG SCREWS:
    A. BOLTS AND LAG SCREWS SHALL CONFORM TO ASTM A307 AND MEET THE DIMENSIONAL STANDARDS OF ANSI/ASME B18.2.1.
    B. HOLES FOR BOLTS SHALL BE A MINIMUM 1/32" TO A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER.
    C. BOLTS SHALL BE ACCURATELY ALIGNED IN MAIN MEMBERS AND SIDE PLATES. BOLTS SHALL NOT BE FORCIBLY DRIVEN INTO PLACE.
    D. BORED LEAD HOLES FOR LAG SCREWS SHALL BE 40-70% OF THE SHANK DIAMETER AT THE THREADED PORTION OF THE SCREW, AND THE SAME DIAMETER AS THE SHANK AT THE SHANK.
    E. LAG SCREWS SHALL BE TURNED, NOT DRIVEN INTO PLACE.
    F. ALL BOLTS, NUTS, AND LAG SCREWS SHALL BE PROVIDED WITH FLAT OR MALLEABLE WASHERS WHERE BEARING AGAINST DIRECTLY AGAINST WOOD.
    G. ALL BOLTS AND LAG SCREWS SHALL BE TIGHTENED UPON INSTALLATION AND RE-TIGHTENED BEFORE CLOSING IN OR AT COMPLETION OF JOB.
14. ALL BUILT UP, DOUBLE 2X BEAMS AND JOISTS SHALL BE FASTENED TOGETHER WITH 2-ROWS 10d NAILS AT 12" OC.
15. PROVIDE DOUBLE FLOOR JOISTS UNDER PARTITION WALLS RUNNING PARALLEL TO JOIST SPAN.
16. PROVIDE SOLID BLOCKING IN JOIST FRAMING ABOVE ALL SUPPORTS, BELOW PARTITION WALLS, AND AT MIDSPAN OF JOISTS SPANNING GREATER THAN 10 FEET.
17. SUPPORT ALL UPPER LEVEL POSTS AND TRIMMERS IN LOWER LEVELS WITH EQUIVALENT FRAMING AND/OR BLOCKING OR OTHERWISE FRAME POSTS THROUGH FLOOR SYSTEMS.
18. FIRE BLOCK STUD WALLS AT MID-HEIGHT WHERE STUD LENGTH EXCEEDS 10 FEET.
19. NOTCHING OR CUTTING STUDS TO CLEAR ANCHOR BOLTS IS NOT PERMITTED. STUDS SHALL HAVE FULL BEARING ON THE SILL PLATE.
20. LET-IN BRACES SHALL NOT BE USED FOR TEMPORARY BRACING ON ANY WALL FRAME. STEEL STRAPS WHICH DO NOT REQUIRE THE CUTTING OF STUDS ARE AN ACCEPTABLE ALTERNATIVE.
21. WHERE POSTS ARE SPECIFIED WITH CAPS AND/OR BASES, THE LOAD SHALL BE TRANSFERRED TO THE FOUNDATION BY VERTICAL GRAIN ONLY.
22. DO NOT CUT, BORE, COUNTERSINK OR NOTCH WOOD MEMBERS EXCEPT WHERE EXPLICITLY SHOWN IN THE DETAILS.
23. HOLDOWNS SHALL BE INSTALLED 1/2" MINIMUM ABOVE THE PLATE TO ALLOW FOR TIGHTENING OF THE ANCHOR BOLT. THE HOLDOWN SHALL BE INSTALLED TIGHT TO THE POST WITHOUT FILLERS. DO NOT BEND HOLDOWN ANCHORS. TIGHTEN ANCHORS PER MANUFACTURERS RECOMMENDATIONS PRIOR TO COVERING THE WALL FRAMING.

SPECIAL INSPECTION AND TEST REQUIREMENTS

TYPE		FREQUENCY	REQUIRED INSPECTIONS AND/OR TESTS	REFERENCES CODES/STANDARDS
SOILS				IBC 1705.6
1. BEARING MATERIAL	☑	PERIODIC	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	GEOTECHNICAL REPORT CONSTRUCTION DOCUMENTS
2. EXCAVATIONS	☑	PERIODIC	VERIFY EXCAVATIONS ARE EXTENDED TO THE PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	
3. FILL MATERIALS	☑	PERIODIC	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	
4. PRIOR TO PLACEMENT OF FILL	☑	PERIODIC	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT THE SITE HAS BEEN PREPARED PROPERLY.	
5. DURING PLACEMENT OF FILL	☑	CONTINUOUS	VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	
CONCRETE				IBC 1705.3
1. REINFORCEMENT	☑	PERIODIC	INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	ACI 318: 20, 25.2, 25.3, 26.6.1-26.6.3 IBC 1908.4
2. ANCHORS	☑	PERIODIC	INSPECT ANCHORS CAST IN CONCRETE	ACI 318: 17.8.2
3. ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS	☑	CONTINUOUS	INSPECT ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	ACI 318: 17.8.2.4
	☑	PERIODIC	INSPECT ALL OTHER MECHANICAL OR ADHESIVE ANCHORS - SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH ACI318: 17.8.2 OR OTHER QUALIFICATION PROCEDURES.	ACI 318: 17.8.2
4. DESIGN MIX	☑	PERIODIC	VERIFY USE OF REQUIRED DESIGN MIX	ACI 318:19, 26.4.3, 26.4.4 IBC 1904.1, 1904.2, 1908.2, 1908.3
5. PRIOR TO CONCRETE PLACEMENT	☑	CONTINUOUS	FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	ASTM C172, C31 IBC 1908.10
6. DURING PLACEMENT	☑	CONTINUOUS	INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	ACI318: 26.5 IBC: 1908.6,1908.7,1908.8
	☑	PERIODIC	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	ACI318: 26.5.3-26.5.5 IBC: 1908.9
7. PRESTRESSED CONCRETE	☑	CONTINUOUS	APPLICATION OF PRESTRESSING FORCES	ACI318: 26.10
	☑	CONTINUOUS	GROUTING OF BONDED PRESTRESSING TENDONS	
8. PRECAST CONCRETE	☑	PERIODIC	INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	ACI 318: 26.9
9. IN-SITU CONCRETE STRENGTH	☑	PERIODIC	VERIFY IN-SITU CONCRETE STRENGTH: • PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE • PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTRUAL SLABS	ACI 318: 26.11.2
10. FORMWORK	☑	PERIODIC	INSPECT FORMWORK FOR SHAPE, LOCATION, ABD DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	ACI 318: 26.11.1.2(b)

VII. ANCHOR RODS

- BY ENGINEERED BUILDING DESIGNER

DEFINITIONS

SPECIAL INSPECTION	INSPECTION OF CONSTRUCTION REQUIRING THE EXPERTISE OF AN APPROVED SPECIAL INSPECTOR IN ORDER TO ENSURE COMPLIANCE WITH THE BUILDING CODE AND THE APPROVED CONSTRUCTION DOCUMENTS.
SPECIAL INSPECTOR	A QUALIFIED PERSON EMPLOYED OR RETAINED BY AN APPROVED AGENCY AND APPROVED BY THE BUILDING OFFICIAL AS HAVING THE COMPETENCE NECESSARY TO INSPECT A PARTICULAR TYPE OF CONSTRUCTION REQUIRING SPECIAL INSPECTION.
PERIODIC	SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF WORK.
CONTINUOUS	SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT CONTINUOUSLY WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED
OBSERVE	THE INSPECTOR SHALL OBSERVE THESE FUNCTIONS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING OBSERVATIONS.
PERFORM	THESE INSPECTIONS SHALL BE PERFORMED FOR EACH CONNECTION OR MEMBER, AND COMPLETED PRIOR TO THE FINAL ACCEPTANCE OF THE ITEM.
☑	INDICATES SPECIAL INSPECTION OF ITEM IS REQUIRED FOR THE WORK DEFINED IN THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT.

STATEMENT OF SPECIAL INSPECTIONS

INSPECTION AND TESTING REQUIREMENTS ON THIS SHEET ARE IN ACCORDANCE WITH SECTION 1705 OF THE INTERNATIONAL BUILDING CODE (IBC) AND HAVE BEEN IDENTIFIED AS A STATEMENT OF SPECIAL INSPECTIONS AS REQUIRED BY IBC SECTION 1704.3. THE OWNER OR THE OWNER'S AUTHORIZED AGENT, OTHER THAN THE CONTRACTOR, SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PROVIDE THE SPECIAL INSPECTIONS AND TESTS DURING CONSTRUCTION AS REQUIRED BY IBC SECTION 1705 AND IDENTIFY THE APPROVED AGENCIES TO THE BUILDING OFFICIAL. THESE SPECIAL INSPECTIONS AND TESTS ARE IN ADDITION TO THE INSPECTIONS BY THE BUILDING OFFICIAL THAT ARE IDENTIFIED IN IBC SECTION 110. SPECIAL INSPECTORS SHALL BE QUALIFIED IN ACCORDANCE WITH IBC SECTION 1704.2.1, AND ALL OTHER APPLICABLE SECTIONS AND STANDARDS.

SPECIAL INSPECTIONS AND TESTS INDICATED ON THIS SHEET ARE FOR THE STRUCTURAL WORK, SEE OTHER DISCIPLINES DRAWINGS AND SPECIFICATIONS FOR REQUIRED NONSTRUCTURAL SPECIAL INSPECTIONS AND TESTS.

DESIGNATED SEISMIC FORCE RESISTING SYSTEM:
- BY ENGINEERED METAL BUILDING ENGINEER

JESSE CARLSON No. 105520PE 6/18/26
JESSE CARLSON 20110 Date 6/18/26

A/E: FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: T. VHAY CADD: M. LITZINGER TECH. REVIEW: M. PUCKETT DATE: 06/18/2026	SUB SHEET NO. S002	TITLE OF SHEET STRUCTURAL SPECIAL INSPECTIONS, TESTS AND GENERAL NOTES YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 88 OF 94

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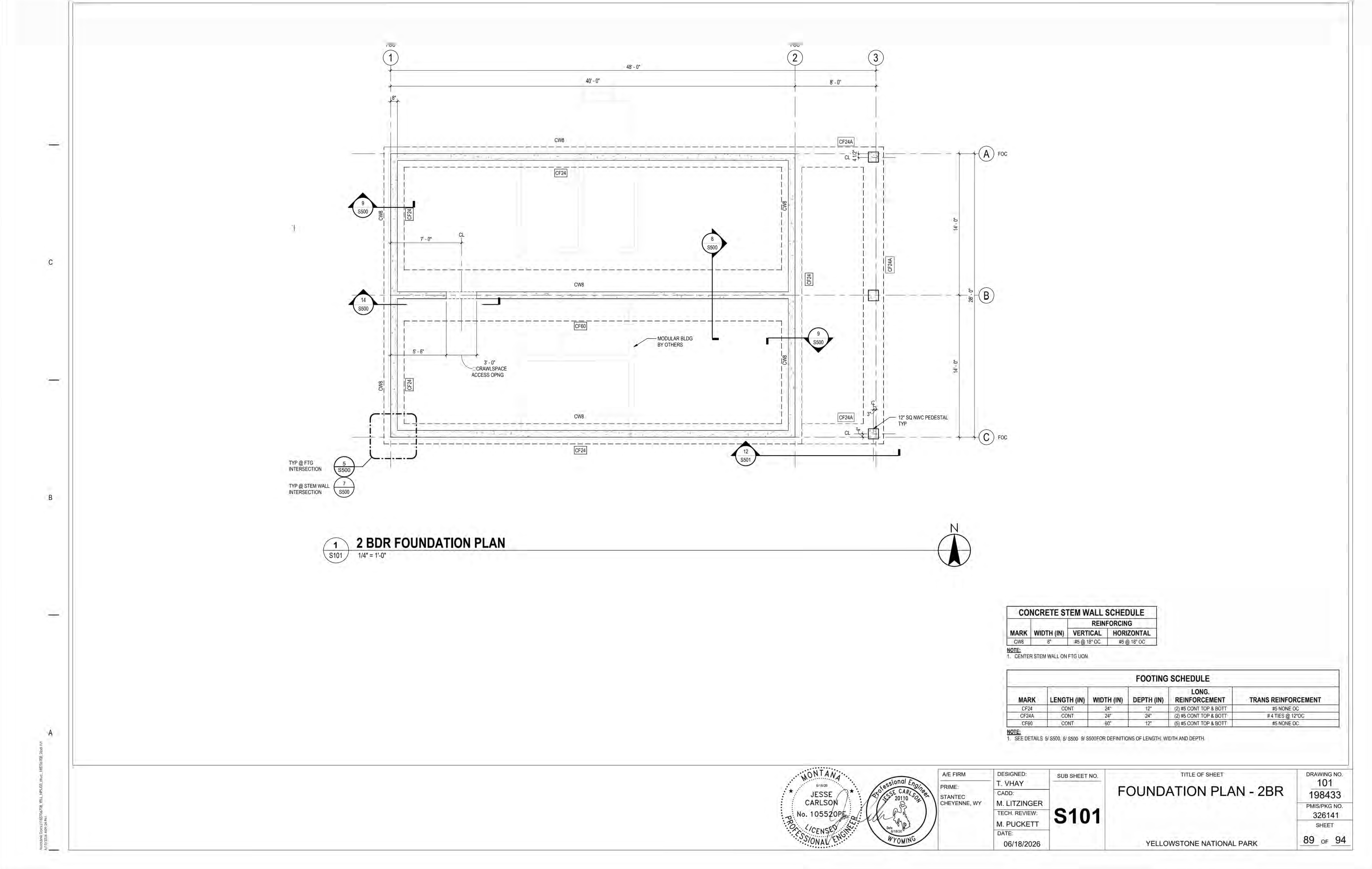


1 S101 **2 BDR FOUNDATION PLAN**

1/4" = 1'-0"

CONCRETE STEM WALL SCHEDULE

MARK	WIDTH (IN)	REINFORCING	
		VERTICAL	HORIZONTAL
CW8	8"	#5 @ 18" OC	#5 @ 18" OC

NOTE:
1. CENTER STEM WALL ON FTG UON.

FOOTING SCHEDULE

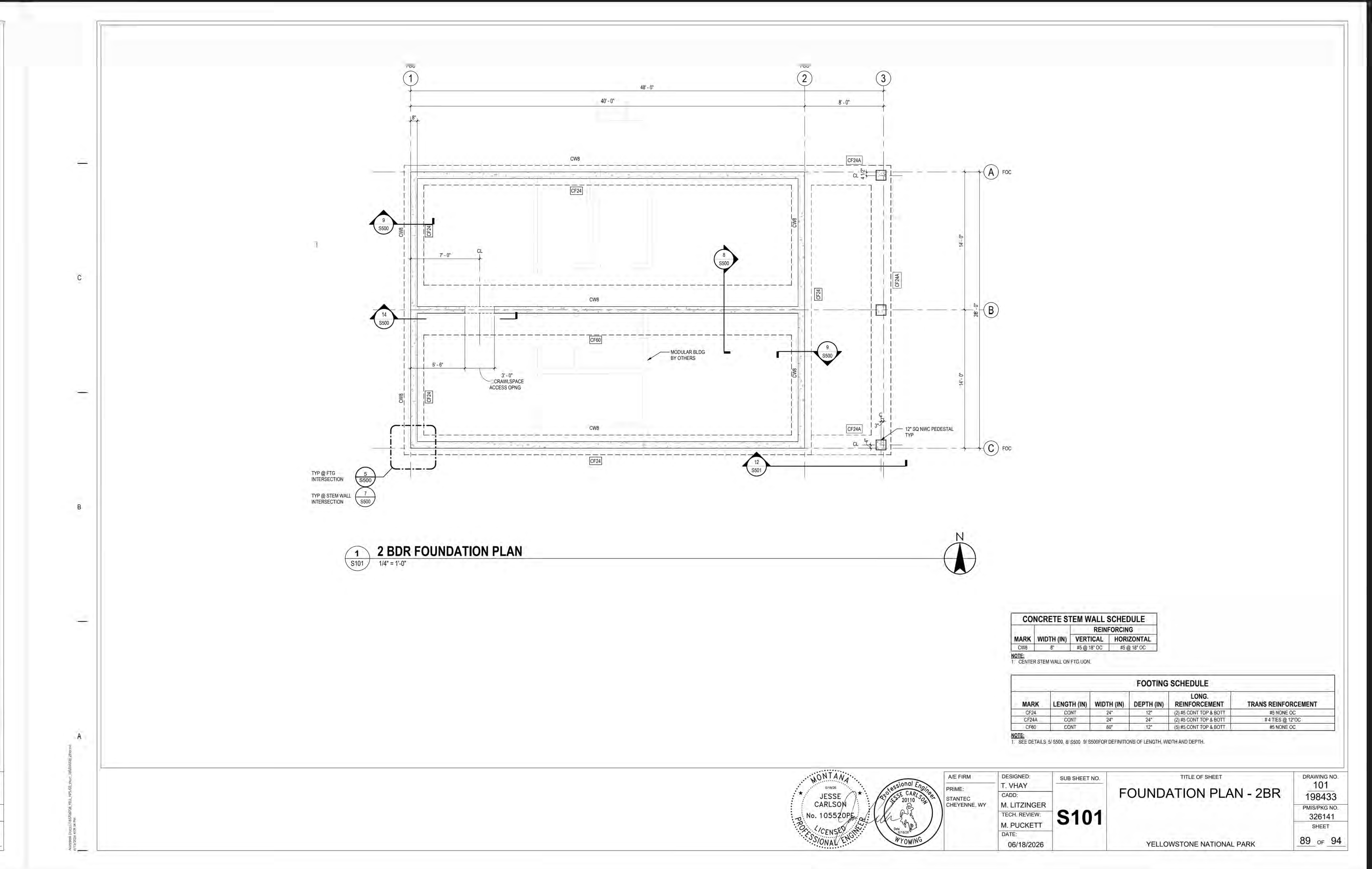
MARK	LENGTH (IN)	WIDTH (IN)	DEPTH (IN)	LONG. REINFORCEMENT	TRANS REINFORCEMENT
CF24	CONT	24"	12"	(2) #5 CONT TOP & BOTT	#5 NONE OC
CF24A	CONT	24"	24"	(2) #5 CONT TOP & BOTT	# 4 TIES @ 12"OC
CF60	CONT	60"	12"	(5) #5 CONT TOP & BOTT	#5 NONE OC

NOTE:
1. SEE DETAILS 5/ S500, 8/ S500 9/ S500FOR DEFINITIONS OF LENGTH, WIDTH AND DEPTH.

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: T. VHAY CADD: M. LITZINGER TECH. REVIEW: M. PUCKETT DATE: 06/18/2026	SUB SHEET NO. **S101**	TITLE OF SHEET FOUNDATION PLAN - 2BR YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 89 OF 94


1 S101 **2 BDR FOUNDATION PLAN**

1/4" = 1'-0"

CONCRETE STEM WALL SCHEDULE

MARK	WIDTH (IN)	REINFORCING	
		VERTICAL	HORIZONTAL
CW8	8"	#5 @ 18" OC	#5 @ 18" OC

NOTE:
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FOOTING SCHEDULE

MARK	LENGTH (IN)	WIDTH (IN)	DEPTH (IN)	LONG. REINFORCEMENT	TRANS REINFORCEMENT
CF24	CONT	24"	12"	(2) #5 CONT TOP & BOTT	#5 NONE OC
CF24A	CONT	24"	24"	(2) #5 CONT TOP & BOTT	# 4 TIES @ 12"OC
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NOTE:
1. SEE DETAILS 5/ S500, 8/ S500 9/ S500FOR DEFINITIONS OF LENGTH, WIDTH AND DEPTH.

A/E FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: T. VHAY CADD: M. LITZINGER TECH. REVIEW: M. PUCKETT DATE: 06/18/2026	SUB SHEET NO. S101	TITLE OF SHEET FOUNDATION PLAN - 2BR YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 89 OF 94

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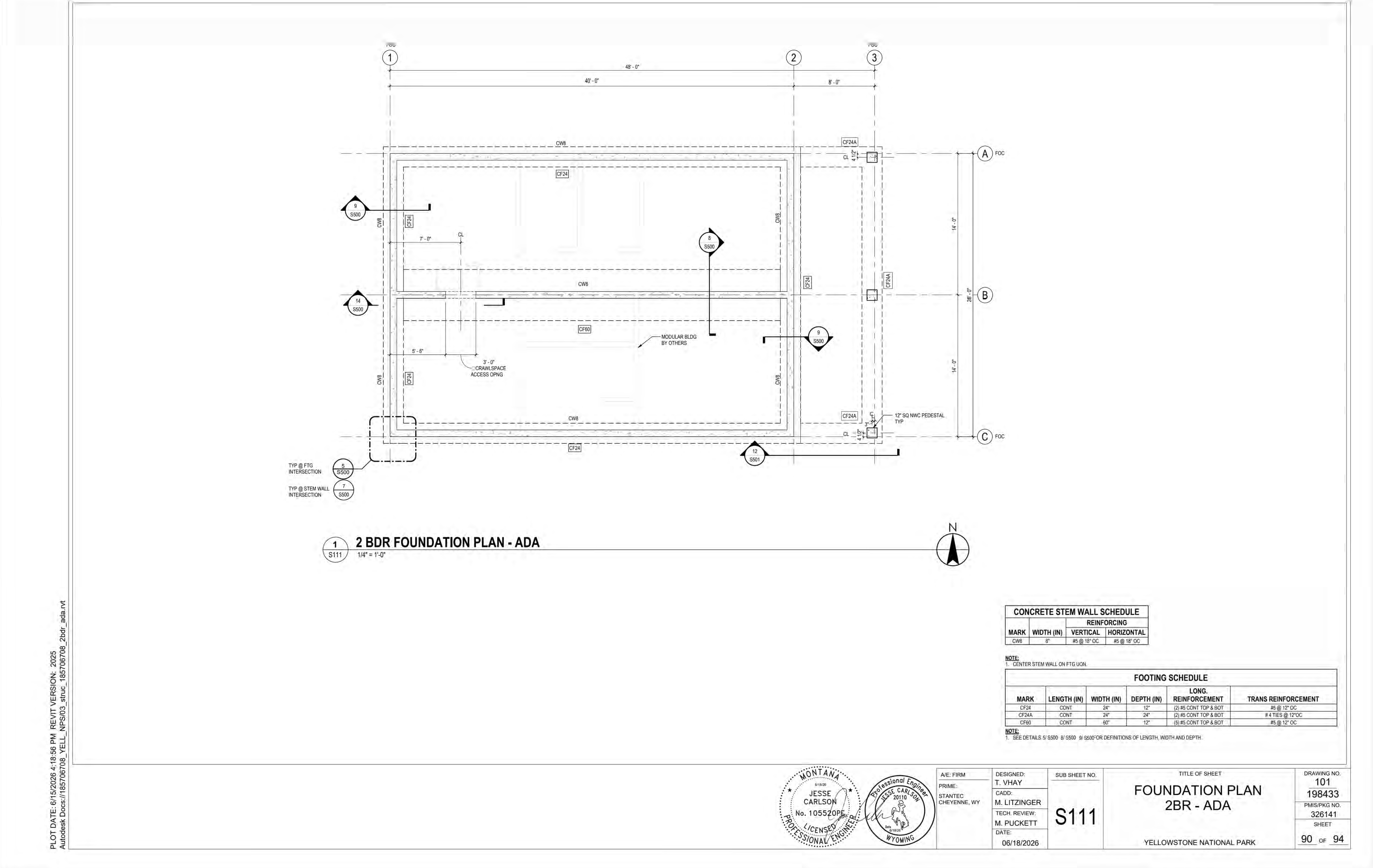

2 BDR FOUNDATION PLAN - ADA

1/4" = 1'-0"

CONCRETE STEM WALL SCHEDULE			
		REINFORCING	
MARK	WIDTH (IN)	VERTICAL	HORIZONTAL
CW8	8"	#5 @ 18" OC	#5 @ 18" OC

NOTE:
1. CENTER STEM WALL ON FTG UON.

FOOTING SCHEDULE					
MARK	LENGTH (IN)	WIDTH (IN)	DEPTH (IN)	LONG. REINFORCEMENT	TRANS REINFORCEMENT
CF24	CONT	24"	12"	(2) #5 CONT TOP & BOT	#5 @ 12" OC
CF24A	CONT	24"	24"	(2) #5 CONT TOP & BOT	# 4 TIES @ 12"OC
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NOTE:
1. SEE DETAILS 5/ S500 8/ S500 9/ S500 FOR DEFINITIONS OF LENGTH, WIDTH AND DEPTH.

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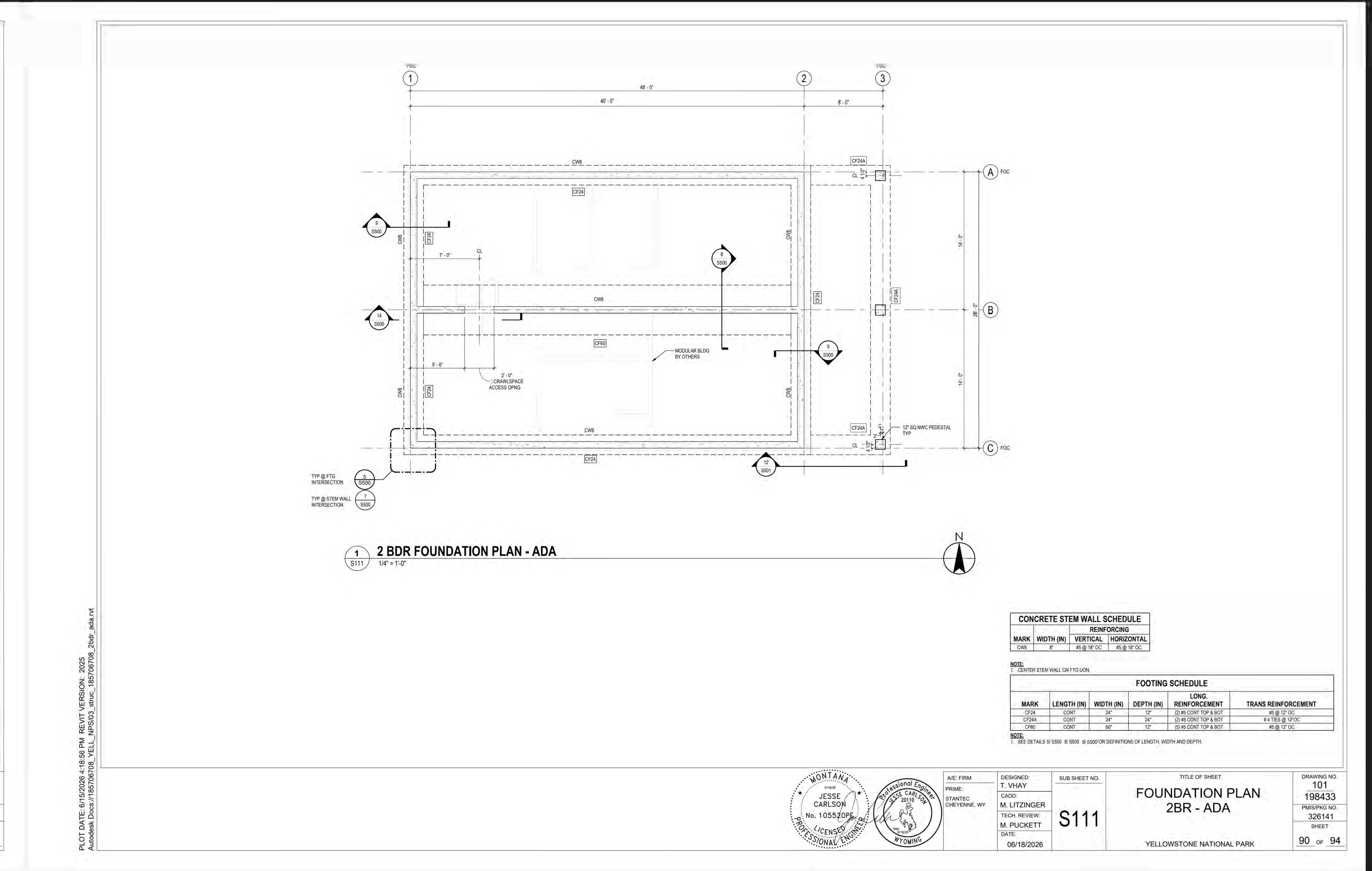
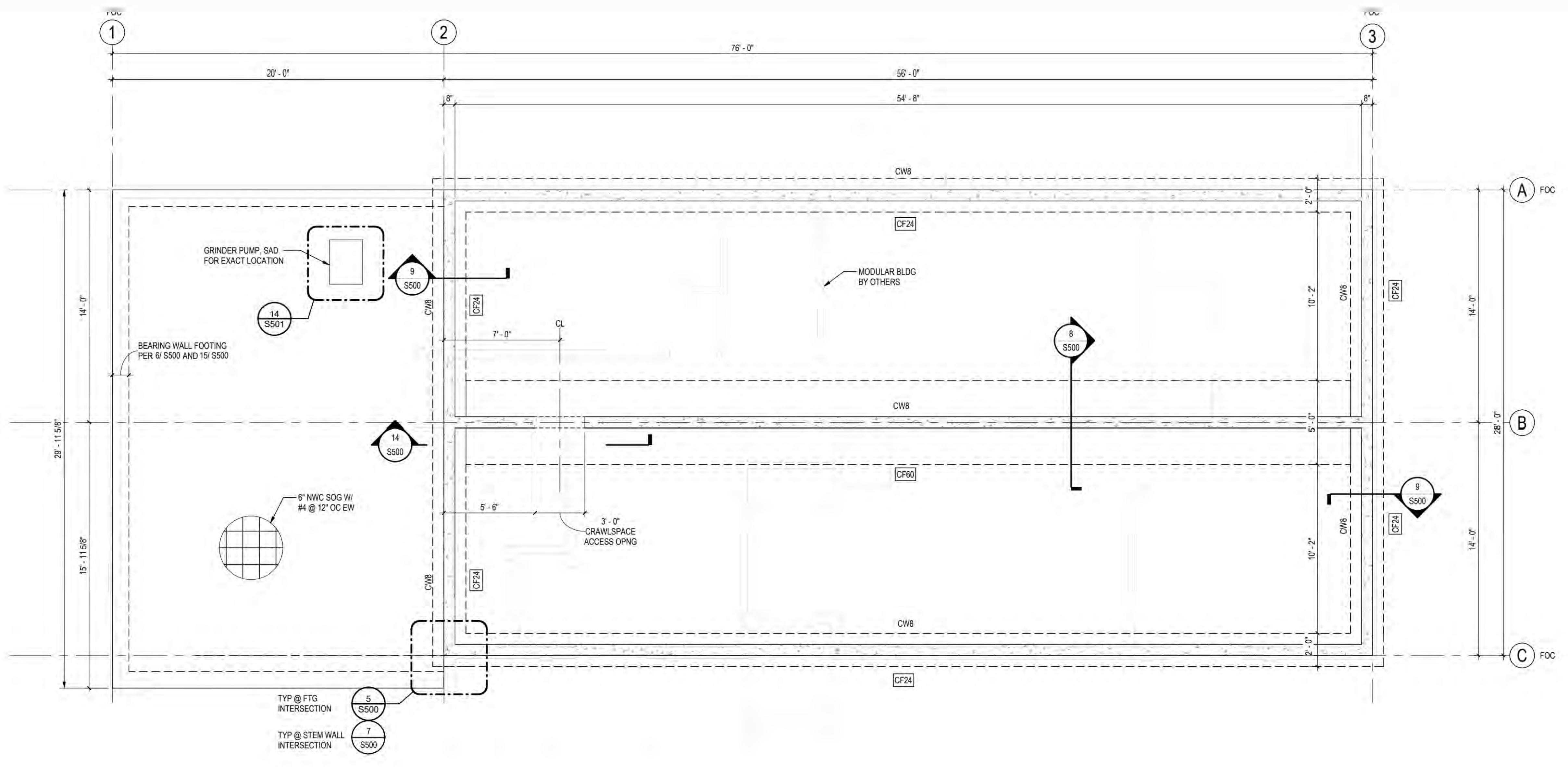
MONTANA
6/18/26
JESSE
CARLSON
No. 105520PE
LICENSED
PROFESSIONAL ENGINEER

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

A/E: FIRM	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
PRIME: STANTEC CHEYENNE, WY	T. VHAY	S111	FOUNDATION PLAN 2BR - ADA	101 198433
	CADD: M. LITZINGER			PMIS/PKG NO. 326141
	TECH. REVIEW: M. PUCKETT			SHEET
	DATE: 06/18/2026		YELLOWSTONE NATIONAL PARK	90 OF 94


2 BDR FOUNDATION PLAN - ADA
1/4" = 1'-0"
CONCRETE STEM WALL SCHEDULE
MARK | WIDTH (IN) | VERTICAL | HORIZONTAL
CW8 | 8" | #5 @ 18" OC | #5 @ 18" OC
NOTE:
1. CENTER STEM WALL ON FTG UON.
FOOTING SCHEDULE
MARK | LENGTH (IN) | WIDTH (IN) | DEPTH (IN) | LONG. REINFORCEMENT | TRANS REINFORCEMENT
CF24 | CONT | 24" | 12" | (2) #5 CONT TOP & BOT | #5 @ 12" OC
CF24A | CONT | 24" | 24" | (2) #5 CONT TOP & BOT | # 4 TIES @ 12"OC
CF60 | CONT | 60" | 12" | (5) #5 CONT TOP & BOT | #5 @ 12" OC
NOTE:
1. SEE DETAILS 5/ S500 8/ S500 9/ S500 FOR DEFINITIONS OF LENGTH, WIDTH AND DEPTH.
PLOT DATE: 6/15/2026 4:18:56 PM REVIT VERSION: 2025
Autodesk Docs://185706708_YELL_NPS/03_struc_185706708_2bdr_ada.rvt
A/E: FIRM PRIME: STANTEC CHEYENNE, WY
DESIGNED: T. VHAY CADD: M. LITZINGER TECH. REVIEW: M. PUCKETT DATE: 06/18/2026
SUB SHEET NO. S111
TITLE OF SHEET FOUNDATION PLAN 2BR - ADA YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 90 OF 94

IDENTICAL



1
S201
3 BDR FOUNDATION PLAN
1/4" = 1'-0"

N

CONCRETE STEM WALL SCHEDULE			
		REINFORCING	
MARK	WIDTH (IN)	VERTICAL	HORIZONTAL
CW8	8"	#5 @ 18" OC	#5 @ 18" OC

NOTE:
1. CENTER STEM WALL ON FTG UON.

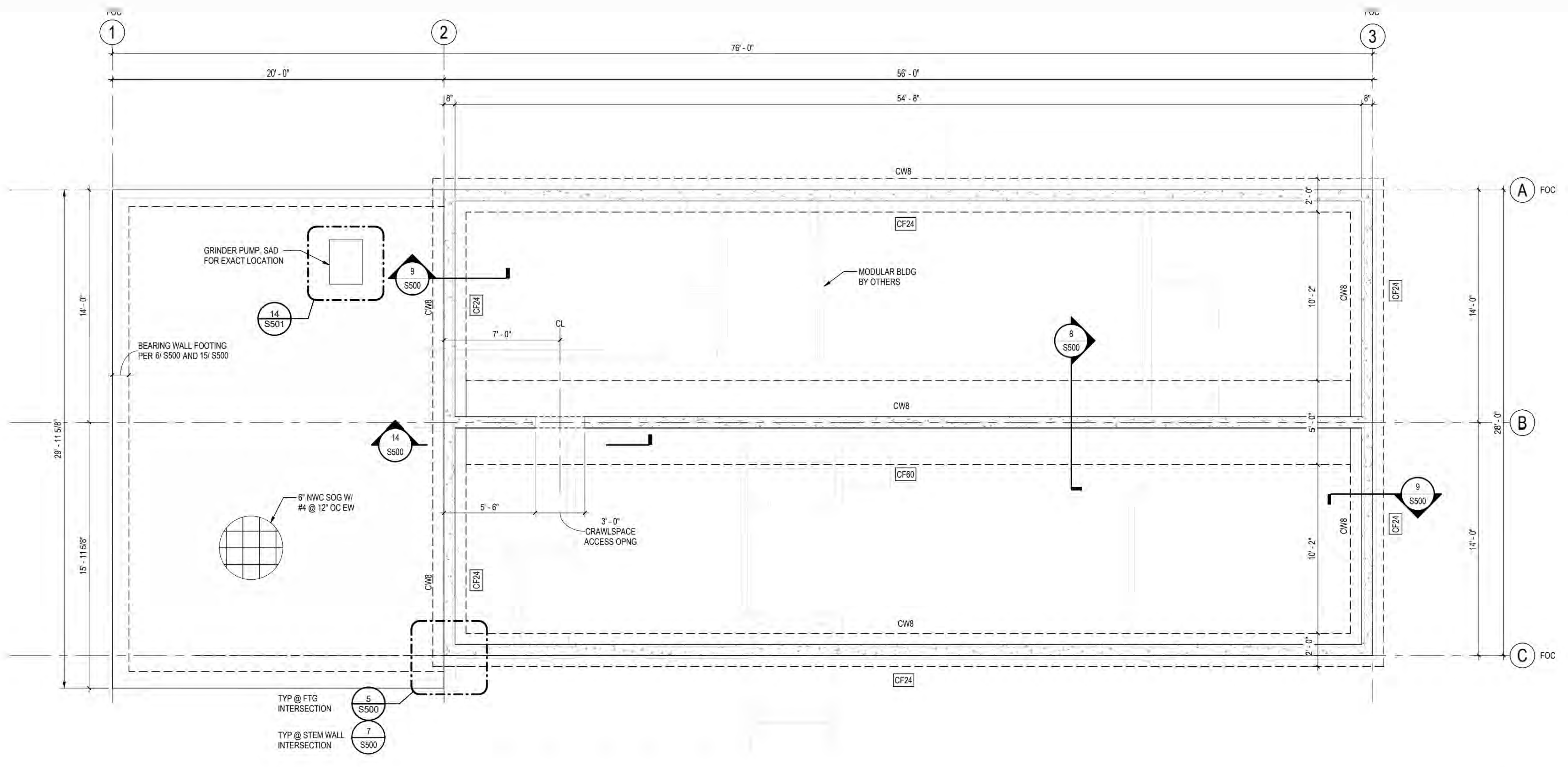
FOOTING SCHEDULE					
MARK	LENGTH (IN)	WIDTH (IN)	DEPTH (IN)	LONG. REINFORCEMENT	TRANS REINFORCEMENT
CF24	CONT	24"	12"	(2) #5 CONT TOP & BOT	#5 NONE OC
CF24A	CONT	24"	24"	(2) #5 CONT TOP & BOT	# 4 TIES @ 12"OC
CF60	CONT	60"	12"	(5) #5 CONT TOP & BOT	#5 NONE OC

NOTE:
1. SEE DETAILS 5/ S500 8/ S500 9/ S500FOR DEFINITIONS OF LENGTH, WIDTH AND DEPTH.

PLOT DATE: 6/15/2026 4:07:11 PM REVIT VERSION: 2025
Autodesk Docs://1857067 08_YELL_NPS/03_struc_1857067 08_3bdr.rvt

JESSE CARLSON
20110
Date 6/18/26

A/E: FIRM PRIME: STANTEC CHEYENNE, WY	DESIGNED: T. VHAY CADD: M. LITZINGER TECH. REVIEW: M. PUCKETT DATE: 06/18/2026	SUB SHEET NO. S201	TITLE OF SHEET FOUNDATION PLAN - 3BR YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 91 OF 94


1
S201
3 BDR FOUNDATION PLAN
1/4" = 1'-0"

N

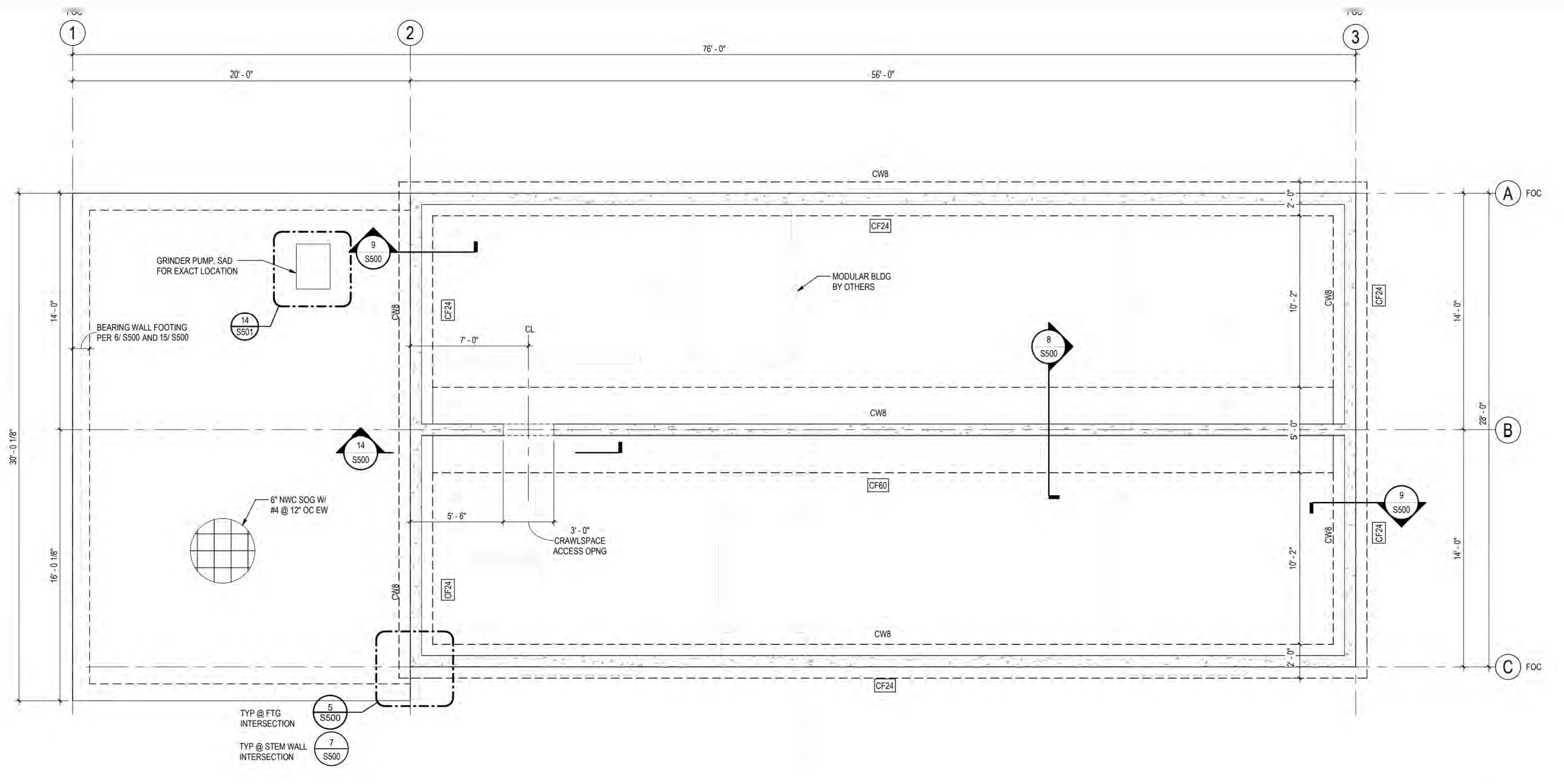
CONCRETE STEM WALL SCHEDULE
MARK | WIDTH (IN) | REINFORCING VERTICAL | HORIZONTAL
CW8 | 8" | #5 @ 18" OC | #5 @ 18" OC
NOTE:
1. CENTER STEM WALL ON FTG UON.

FOOTING SCHEDULE
MARK | LENGTH (IN) | WIDTH (IN) | DEPTH (IN) | LONG. REINFORCEMENT | TRANS REINFORCEMENT
CF24 | CONT | 24" | 12" | (2) #5 CONT TOP & BOT | #5 NONE OC
CF24A | CONT | 24" | 24" | (2) #5 CONT TOP & BOT | # 4 TIES @ 12"OC
CF60 | CONT | 60" | 12" | (5) #5 CONT TOP & BOT | #5 NONE OC
NOTE:
1. SEE DETAILS 5/ S500 8/ S500 9/ S500FOR DEFINITIONS OF LENGTH, WIDTH AND DEPTH.

PLOT DATE: 6/15/2026 4:07:11 PM REVIT VERSION: 2025
Autodesk Docs://1857067 08_YELL_NPS/03_struc_1857067 08_3bdr.rvt

A/E: FIRM PRIME: STANTEC CHEYENNE, WY
DESIGNED: T. VHAY CADD: M. LITZINGER TECH. REVIEW: M. PUCKETT DATE: 06/18/2026
SUB SHEET NO. S201
TITLE OF SHEET FOUNDATION PLAN - 3BR YELLOWSTONE NATIONAL PARK
DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 91 OF 94

IDENTICAL


1
2
3
76' - 0"
20' - 0"
56' - 0"
A
B
C
FOC
CW8
CF24
CF60
CF24A
GRINDER PUMP, SAO FOR EXACT LOCATION
BEARING WALL FOOTING PER 9/ S500 AND 15/ S500
MODULAR BLDG BY OTHERS
6" NWC SOG W/ #4 @ 12" OC EW
7' - 0"
CL
3' - 0" CRAWLSPACE ACCESS OPNG
TYP @ FTG INTERSECTION
TYP @ STEM WALL INTERSECTION
S500

1 S211 **3 BDR FOUNDATION PLAN - ADA**
1/4" = 1'-0"

N

CONCRETE STEM WALL SCHEDULE			
		REINFORCING	
MARK	WIDTH (IN)	VERTICAL	HORIZONTAL
CW8	8"	#5 @ 18" OC	#5 @ 18" OC

NOTE:
1. CENTER STEM WALL ON FTG UON.

FOOTING SCHEDULE					
MARK	LENGTH (IN)	WIDTH (IN)	DEPTH (IN)	LONG. REINFORCEMENT	TRANS REINFORCEMENT
CF24	CONT	24"	12"	(2) #5 CONT TOP & BOT	#5 NONE OC
CF24A	CONT	24"	24"	(2) #5 CONT TOP & BOT	# 4 TIES @ 12"OC
CF60	CONT	60"	12"	(5) #5 CONT TOP & BOT	#5 @ 12" OC

NOTE:
1. SEE DETAILS 5/ S500, 8/ S500AND 9/ S500FOR DEFINITIONS OF LENGTH, WIDTH AND DEPTH.

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

A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY

DESIGNED:
T. VHAY
CADD:
M. LITZINGER
TECH. REVIEW:
M. PUCKETT
DATE:
06/18/2026

SUB SHEET NO.
S211

TITLE OF SHEET
FOUNDATION PLAN
3BR - ADA
YELLOWSTONE NATIONAL PARK

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

PLOT DATE: 6/15/2026 4:18:35 PM REVIT VERSION: 2025
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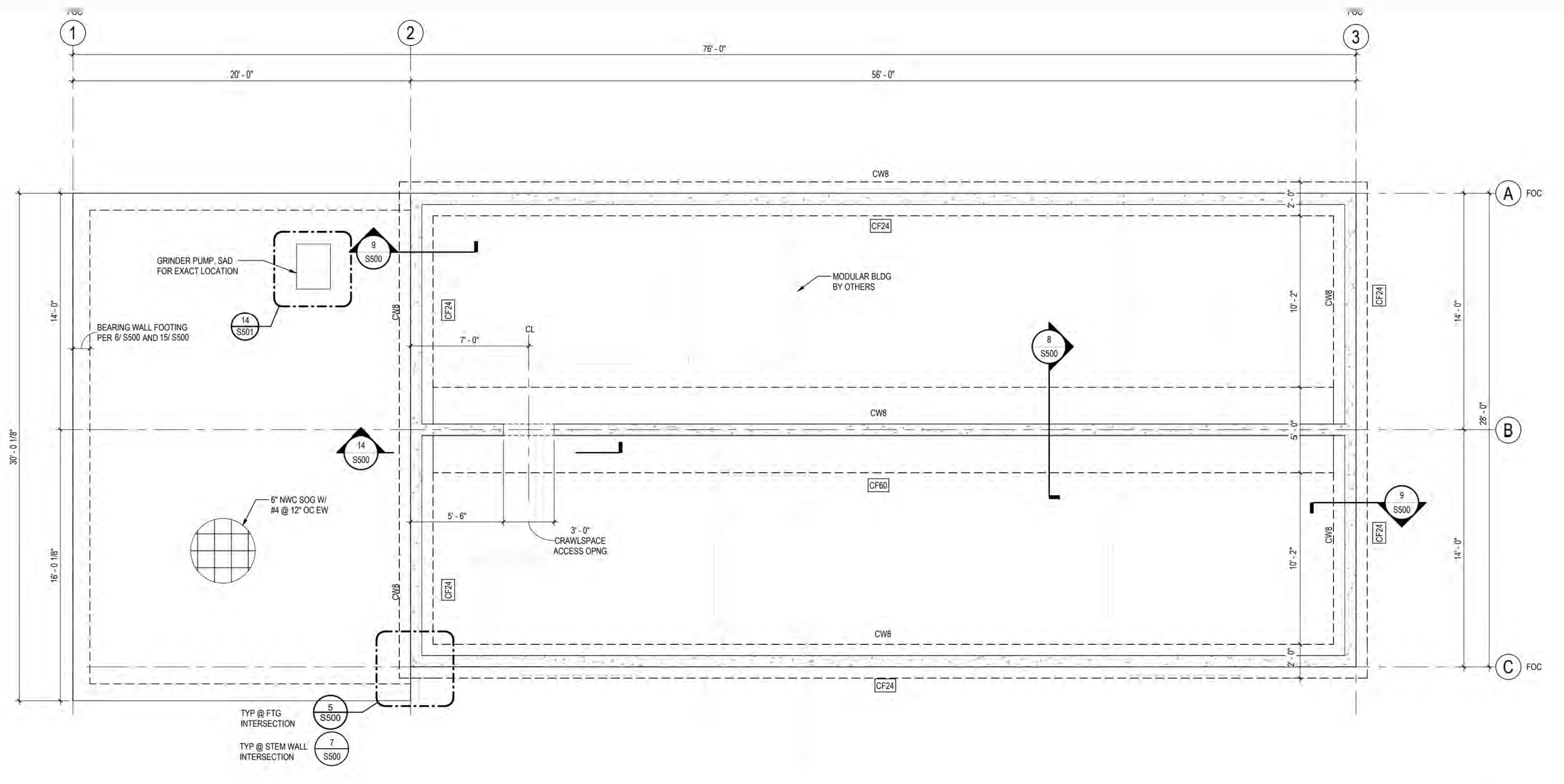

1 S211 **3 BDR FOUNDATION PLAN - ADA**
1/4" = 1'-0"

N

CONCRETE STEM WALL SCHEDULE
REINFORCING
MARK WIDTH (IN) VERTICAL HORIZONTAL
CW8 8" #5 @ 18" OC #5 @ 18" OC

NOTE:
1. CENTER STEM WALL ON FTG UON.

FOOTING SCHEDULE
MARK LENGTH (IN) WIDTH (IN) DEPTH (IN) LONG. REINFORCEMENT TRANS REINFORCEMENT
CF24 CONT 24" 12" (2) #5 CONT TOP & BOT #5 NONE OC
CF24A CONT 24" 24" (2) #5 CONT TOP & BOT # 4 TIES @ 12"OC
CF60 CONT 60" 12" (5) #5 CONT TOP & BOT #5 @ 12" OC

NOTE:
1. SEE DETAILS 5/ S500, 8/ S500AND 9/ S500FOR DEFINITIONS OF LENGTH, WIDTH AND DEPTH.

A/E: FIRM
PRIME:
STANTEC
CHEYENNE, WY
DESIGNED:
T. VHAY
CADD:
M. LITZINGER
TECH. REVIEW:
M. PUCKETT
DATE:
06/18/2026
SUB SHEET NO.
S211
TITLE OF SHEET
FOUNDATION PLAN
3BR - ADA
YELLOWSTONE NATIONAL PARK
DRAWING NO.
101
198433
PMIS/PKG NO.
326141
SHEET
92 OF 94

PLOT DATE: 6/15/2026 4:18:35 PM REVIT VERSION: 2025
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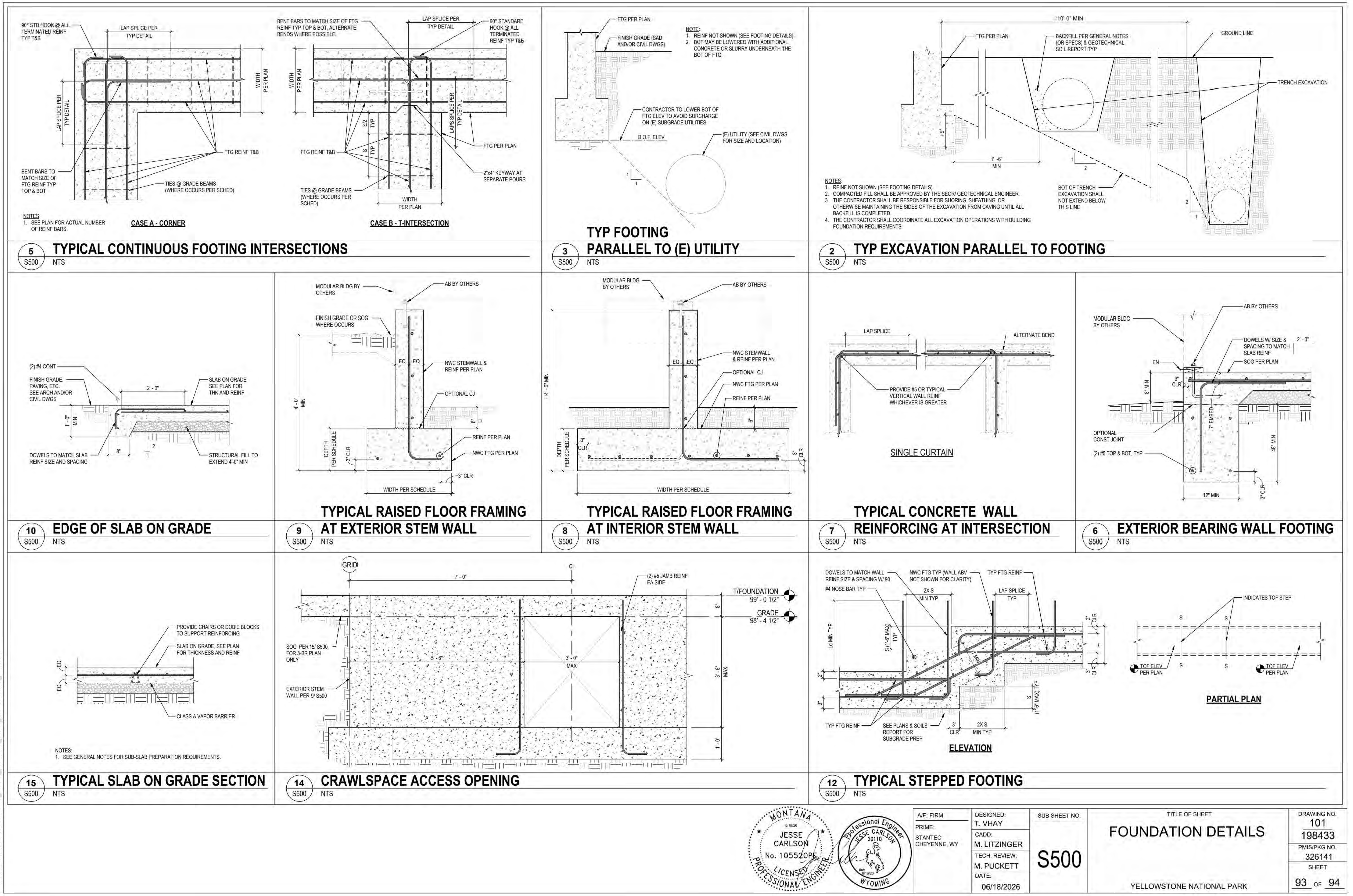
DELTADOCS

IDENTICAL



TYPICAL CONTINUOUS FOOTING INTERSECTIONS
5 S500 NTS

CASE A - CORNER

CASE B - T-INTERSECTION

TYP FOOTING PARALLEL TO (E) UTILITY
3 S500 NTS

TYP EXCAVATION PARALLEL TO FOOTING
2 S500 NTS

EDGE OF SLAB ON GRADE
10 S500 NTS

TYPICAL RAISED FLOOR FRAMING AT EXTERIOR STEM WALL
9 S500 NTS

TYPICAL RAISED FLOOR FRAMING AT INTERIOR STEM WALL
8 S500 NTS

TYPICAL CONCRETE WALL REINFORCING AT INTERSECTION
7 S500 NTS

SINGLE CURTAIN

EXTERIOR BEARING WALL FOOTING
6 S500 NTS

TYPICAL SLAB ON GRADE SECTION
15 S500 NTS

CRAWLSPACE ACCESS OPENING
14 S500 NTS

TYPICAL STEPPED FOOTING
12 S500 NTS

ELEVATION

PARTIAL PLAN

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

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

A/E: FIRM	DESIGNED: T. VHAY	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO. 101 198433
PRIME: STANTEC CHEYENNE, WY	CADD: M. LITZINGER	S500	FOUNDATION DETAILS	PMIS/PKG NO. 326141
	TECH. REVIEW: M. PUCKETT			
	DATE: 06/18/2026		YELLOWSTONE NATIONAL PARK	SHEET 93 OF 94

PLOT DATE: 6/15/2026 4:07:12 PM REVIT VERSION: 2025
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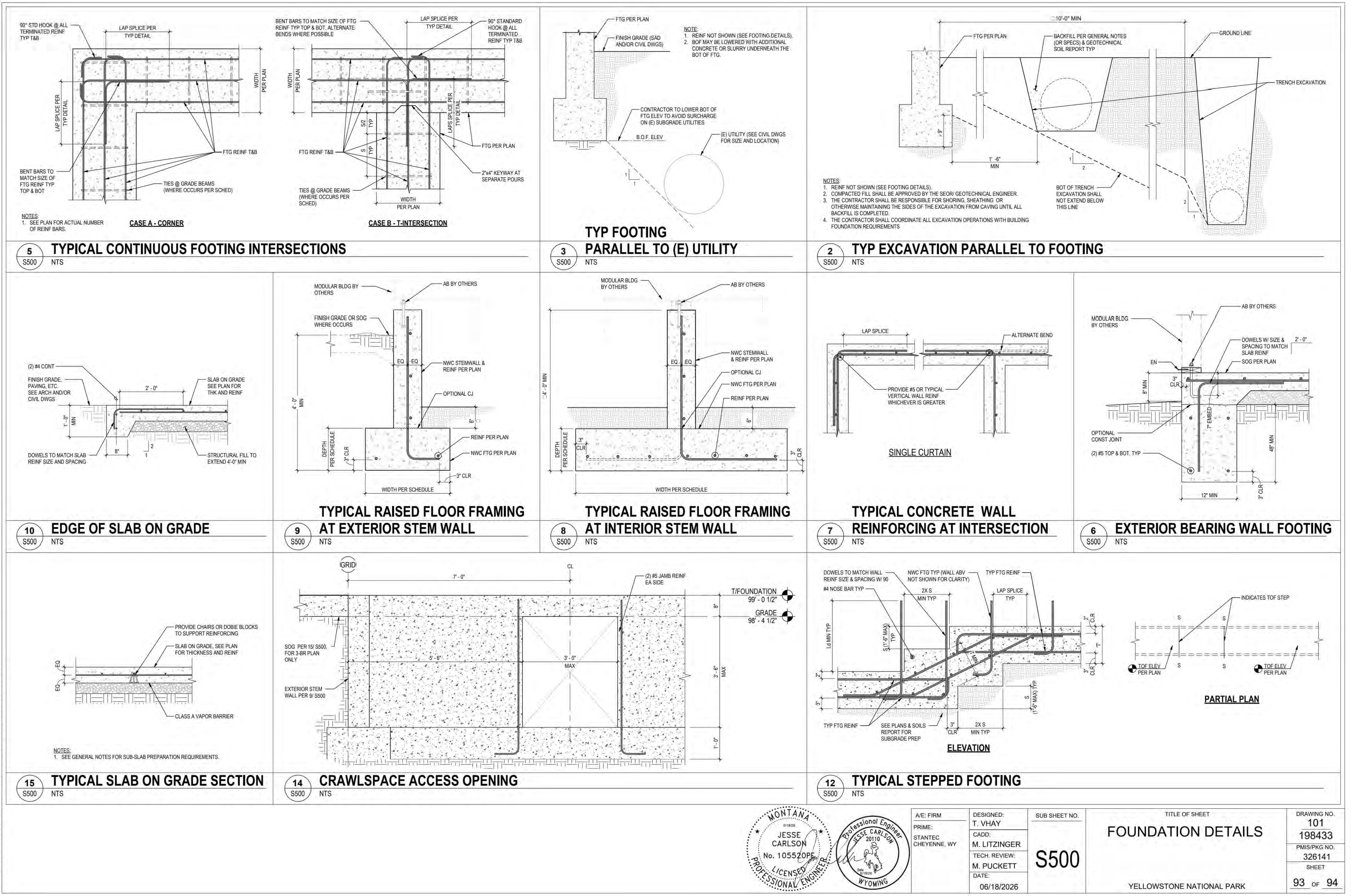
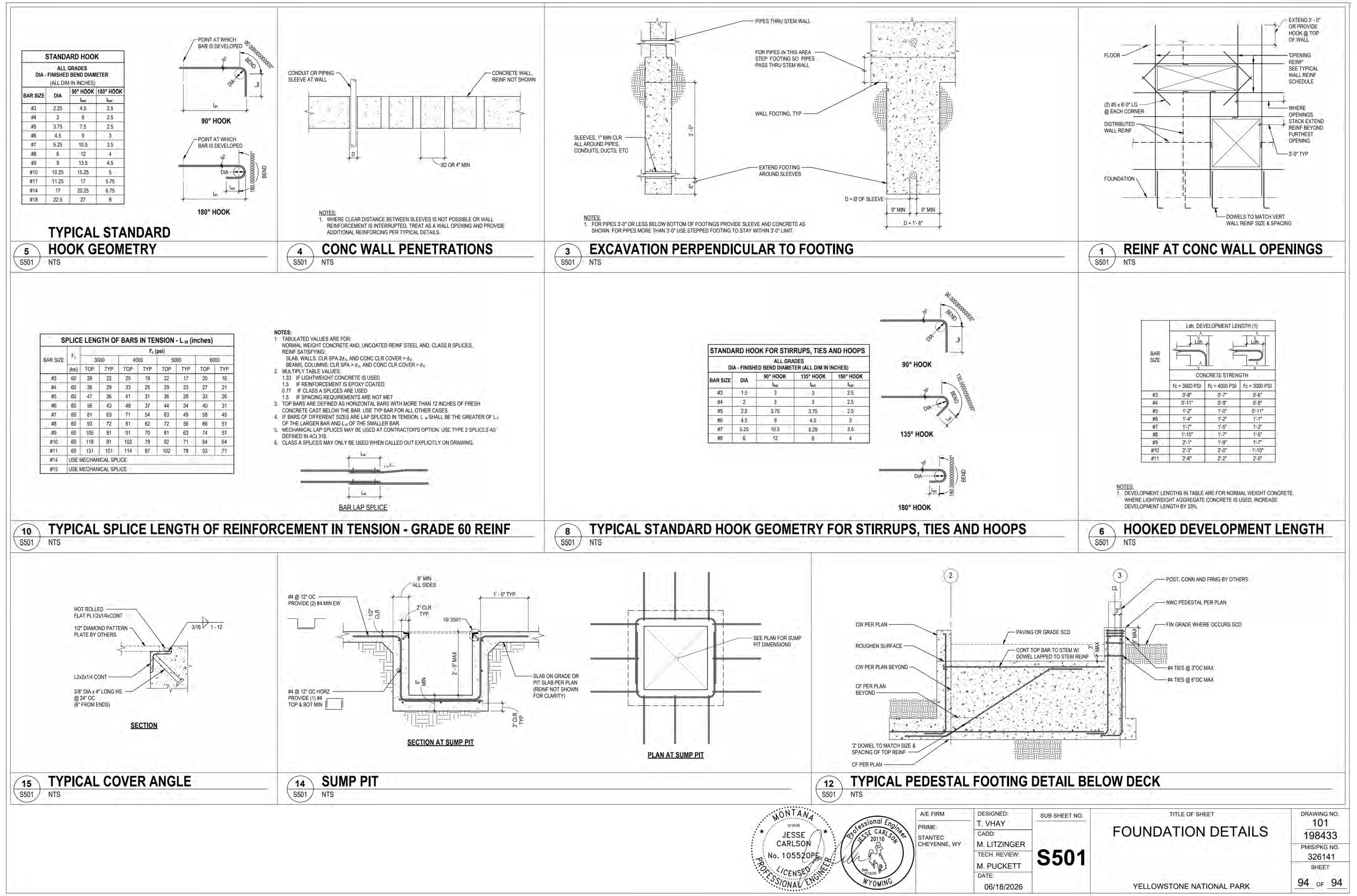


TYPICAL CONTINUOUS FOOTING INTERSECTIONS
5 S500 NTS
TYP FOOTING PARALLEL TO (E) UTILITY
3 S500 NTS
TYP EXCAVATION PARALLEL TO FOOTING
2 S500 NTS
EDGE OF SLAB ON GRADE
10 S500 NTS
TYPICAL RAISED FLOOR FRAMING AT EXTERIOR STEM WALL
9 S500 NTS
TYPICAL RAISED FLOOR FRAMING AT INTERIOR STEM WALL
8 S500 NTS
TYPICAL CONCRETE WALL REINFORCING AT INTERSECTION
7 S500 NTS
EXTERIOR BEARING WALL FOOTING
6 S500 NTS
TYPICAL SLAB ON GRADE SECTION
15 S500 NTS
CRAWLSPACE ACCESS OPENING
14 S500 NTS
TYPICAL STEPPED FOOTING
12 S500 NTS
FOUNDATION DETAILS
S500
YELLOWSTONE NATIONAL PARK
SHEET 93 OF 94
PLOT DATE: 6/15/2026 4:07:12 PM REVIT VERSION: 2025

DELTADOCS

IDENTICAL


POINT AT WHICH BAR IS DEVELOPED
BEND
90.00000000000°
180.00000000000°
DIA
d_b
l_{ext}
l_{dh}
90° HOOK
180° HOOK
CONDUIT OR PIPING SLEEVE AT WALL
CONCRETE WALL, REINF NOT SHOWN
D
3D OR 4" MIN
PIPES THRU STEM WALL
FOR PIPES IN THIS AREA STEP FOOTING SO PIPES PASS THRU STEM WALL
WALL FOOTING, TYP
SLEEVES, 1" MIN CLR ALL AROUND PIPES, CONDUITS, DUCTS, ETC
EXTEND FOOTING AROUND SLEEVES
3'-0"
6"
D = Ø OF SLEEVE
9" MIN
9" MIN
D + 1'-6"
EXTEND 3'-0" OR PROVIDE HOOK @ TOP OF WALL
FLOOR
'OPENING REINF' SEE TYPICAL WALL REINF SCHEDULE
(2) #5 x 6'-0" LG @ EACH CORNER
DISTRIBUTED WALL REINF
WHERE OPENINGS STACK EXTEND REINF BEYOND FURTHEST OPENING
3'-0" TYP
FOUNDATION
DOWELS TO MATCH VERT WALL REINF SIZE & SPACING
L_{st}
1
6
BAR LAP SPLICE
90° HOOK
135° HOOK
180° HOOK
Ldh
HOT ROLLED FLAT PL1/2x1/4xCONT
1/2" DIAMOND PATTERN PLATE BY OTHERS
3/16
1 - 12
L2x2x1/4 CONT
3/8" DIA x 4" LONG HS @ 24" OC (6" FROM ENDS)
SECTION
#4 @ 12" OC PROVIDE (2) #4 MIN EW
6" MIN ALL SIDES
1 1/2" CLR
2" CLR TYP
15/ S501
1'-6" TYP
2'-0" MAX
6" MIN
#4 @ 12" OC HORZ PROVIDE (1) #4 TOP & BOT MIN
SLAB ON GRADE OR PIT SLAB PER PLAN (REINF NOT SHOWN FOR CLARITY)
3" CLR TYP
SECTION AT SUMP PIT
SEE PLAN FOR SUMP PIT DIMENSIONS
PLAN AT SUMP PIT
2
3
CL
POST, CONN AND FRMG BY OTHERS
NWC PEDESTAL PER PLAN
FIN GRADE WHERE OCCURS SCD
CW PER PLAN
PAVING OR GRADE SCD
ROUGHEN SURFACE
CONT TOP BAR TO STEM W/ DOWEL LAPPED TO STEM REINF
3"
3" MAX
8" MAX
CW PER PLAN BEYOND
#4 TIES @ 3"OC MAX
#4 TIES @ 6"OC MAX
CF PER PLAN BEYOND
'Z' DOWEL TO MATCH SIZE & SPACING OF TOP REINF
CF PER PLAN

STANDARD HOOK			
ALL GRADES DIA - FINISHED BEND DIAMETER (ALL DIM IN INCHES)			
BAR SIZE	DIA	90° HOOK	180° HOOK
		l_{ext}	l_{ext}
#3	2.25	4.5	2.5
#4	3	6	2.5
#5	3.75	7.5	2.5
#6	4.5	9	3
#7	5.25	10.5	3.5
#8	6	12	4
#9	9	13.5	4.5
#10	10.25	15.25	5
#11	11.25	17	5.75
#14	17	20.25	6.75
#18	22.5	27	9

5 S501 TYPICAL STANDARD HOOK GEOMETRY

NTS

NOTES:

1. WHERE CLEAR DISTANCE BETWEEN SLEEVES IS NOT POSSIBLE OR WALL REINFORCEMENT IS INTERRUPTED, TREAT AS A WALL OPENING AND PROVIDE ADDITIONAL REINFORCING PER TYPICAL DETAILS.

4 S501 CONC WALL PENETRATIONS

NTS

NOTES:

1. FOR PIPES 3'-0" OR LESS BELOW BOTTOM OF FOOTINGS PROVIDE SLEEVE AND CONCRETE AS SHOWN. FOR PIPES MORE THAN 3'-0" USE STEPPED FOOTING TO STAY WITHIN 3'-0" LIMIT.

3 S501 EXCAVATION PERPENDICULAR TO FOOTING

NTS

1 S501 REINF AT CONC WALL OPENINGS

NTS

SPLICE LENGTH OF BARS IN TENSION - L_{st} (inches)									
BAR SIZE	F_y	f'_c (psi)							
		3000		4000		5000		6000	
	(ksi)	TOP	TYP	TOP	TYP	TOP	TYP	TOP	TYP
#3	60	28	22	25	19	22	17	20	16
#4	60	38	29	33	25	29	23	27	21
#5	60	47	36	41	31	36	28	33	26
#6	60	56	43	49	37	44	34	40	31
#7	60	81	63	71	54	63	49	58	45
#8	60	93	72	81	62	72	56	66	51
#9	60	105	81	91	70	81	63	74	57
#10	60	118	91	102	79	92	71	84	64
#11	60	131	101	114	87	102	78	93	71
#14	USE MECHANICAL SPLICE								
#15	USE MECHANICAL SPLICE								

NOTES:

1. TABULATED VALUES ARE FOR:
   NORMAL WEIGHT CONCRETE AND, UNCOATED REINF STEEL AND, CLASS B SPLICES,
   REINF SATISFYING:
   SLAB, WALLS: CLR SPA $2d_b$, AND CONC CLR COVER > d_b
   BEAMS, COLUMNS: CLR SPA > d_b, AND CONC CLR COVER > d_b
2. MULTIPLY TABLE VALUES:
   1.33 IF LIGHTWEIGHT CONCRETE IS USED
   1.5 IF REINFORCEMENT IS EPOXY COATED
   0.77 IF CLASS A SPLICES ARE USED
   1.5 IF SPACING REQUIREMENTS ARE NOT MET
3. TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12 INCHES OF FRESH CONCRETE CAST BELOW THE BAR. USE TYP BAR FOR ALL OTHER CASES.
4. IF BARS OF DIFFERENT SIZES ARE LAP SPLICED IN TENSION, L_{st} SHALL BE THE GREATER OF L_d OF THE LARGER BAR AND L_{st} OF THE SMALLER BAR.
5. MECHANICAL LAP SPLICES MAY BE USED AT CONTRACTOR'S OPTION. USE TYPE 2 SPLICES AS DEFINED IN ACI 318.
6. CLASS A SPLICES MAY ONLY BE USED WHEN CALLED OUT EXPLICITLY ON DRAWING.

10 S501 TYPICAL SPLICE LENGTH OF REINFORCEMENT IN TENSION - GRADE 60 REINF

NTS

STANDARD HOOK FOR STIRRUPS, TIES AND HOOPS				
ALL GRADES DIA - FINISHED BEND DIAMETER (ALL DIM IN INCHES)				
BAR SIZE	DIA	90° HOOK	135° HOOK	180° HOOK
		l_{ext}	l_{ext}	l_{ext}
#3	1.5	3	3	2.5
#4	2	3	3	2.5
#5	2.5	3.75	3.75	2.5
#6	4.5	9	4.5	3
#7	5.25	10.5	5.25	3.5
#8	6	12	6	4

8 S501 TYPICAL STANDARD HOOK GEOMETRY FOR STIRRUPS, TIES AND HOOPS

NTS

BAR SIZE	Ldh, DEVELOPMENT LENGTH (1)		
	CONCRETE STRENGTH		
	f'c = 3000 PSI	f'c = 4000 PSI	f'c = 3000 PSI
#3	0'-8"	0'-7"	0'-6"
#4	0'-11"	0'-9"	0'-9"
#5	1'-2"	1'-0"	0'-11"
#6	1'-4"	1'-2"	1'-1"
#7	1'-7"	1'-5"	1'-3"
#8	1'-10"	1'-7"	1'-5"
#9	2'-1"	1'-9"	1'-7"
#10	2'-3"	2'-0"	1'-10"
#11	2'-6"	2'-2"	2'-0"

NOTES:

1. DEVELOPMENT LENGTHS IN TABLE ARE FOR NORMAL WEIGHT CONCRETE. WHERE LIGHTWEIGHT AGGREGATE CONCRETE IS USED, INCREASE DEVELOPMENT LENGTH BY 33%.

6 S501 HOOKED DEVELOPMENT LENGTH

NTS

15 S501 TYPICAL COVER ANGLE

NTS

14 S501 SUMP PIT

NTS

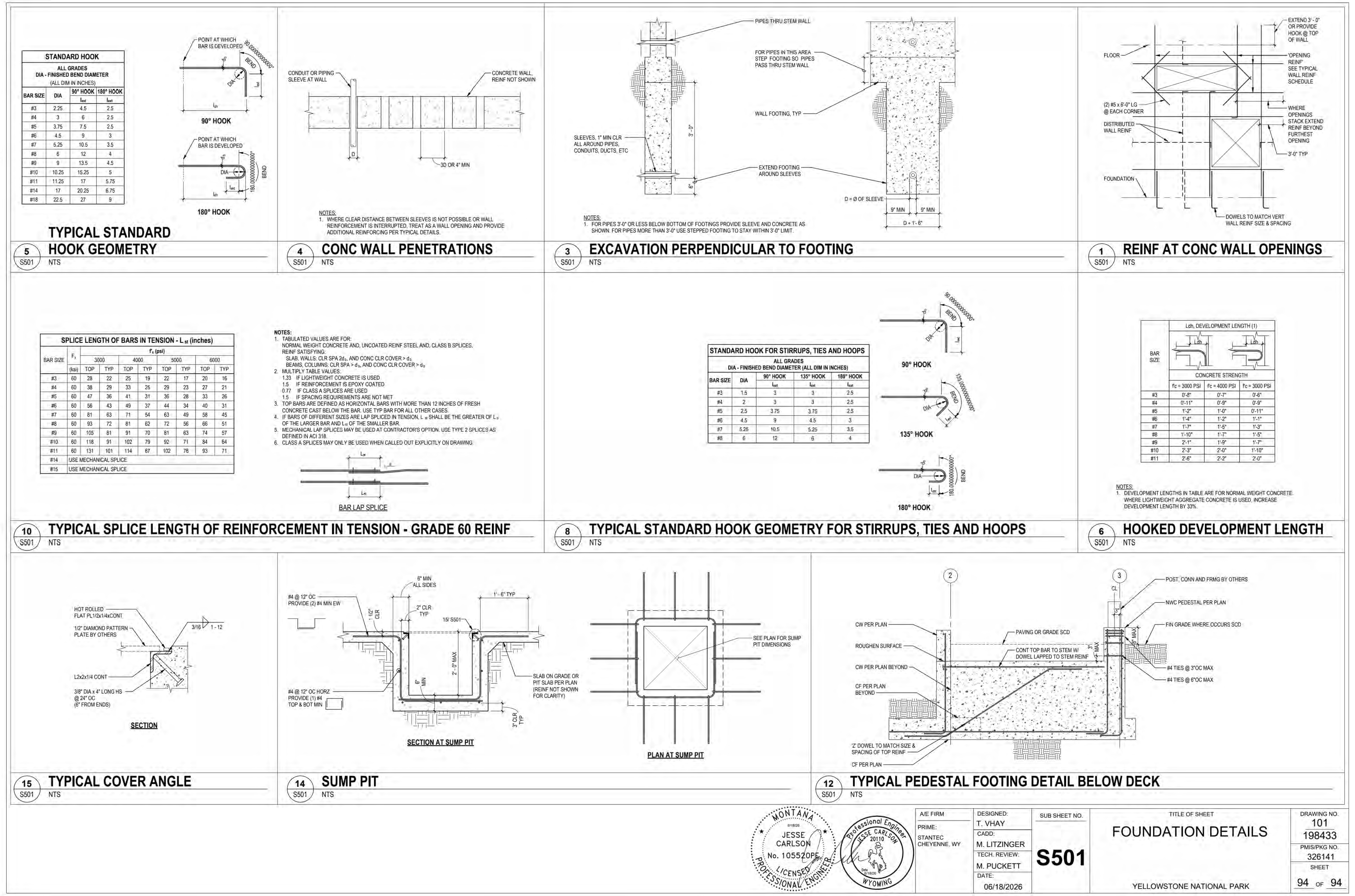
12 S501 TYPICAL PEDESTAL FOOTING DETAIL BELOW DECK

NTS

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: T. VHAY CADD: M. LITZINGER TECH. REVIEW: M. PUCKETT DATE: 06/18/2026	SUB SHEET NO. S501	TITLE OF SHEET FOUNDATION DETAILS YELLOWSTONE NATIONAL PARK	DRAWING NO. 101 198433 PMIS/PKG NO. 326141 SHEET 94 OF 94


TYPICAL STANDARD HOOK GEOMETRY
CONC WALL PENETRATIONS
EXCAVATION PERPENDICULAR TO FOOTING
REINF AT CONC WALL OPENINGS
TYPICAL SPLICE LENGTH OF REINFORCEMENT IN TENSION - GRADE 60 REINF
TYPICAL STANDARD HOOK GEOMETRY FOR STIRRUPS, TIES AND HOOPS
HOOKED DEVELOPMENT LENGTH
TYPICAL COVER ANGLE
SUMP PIT
TYPICAL PEDESTAL FOOTING DETAIL BELOW DECK
FOUNDATION DETAILS
S501
YELLOWSTONE NATIONAL PARK
94 OF 94