# **BLACK BEAR CONDOMINIUMS**

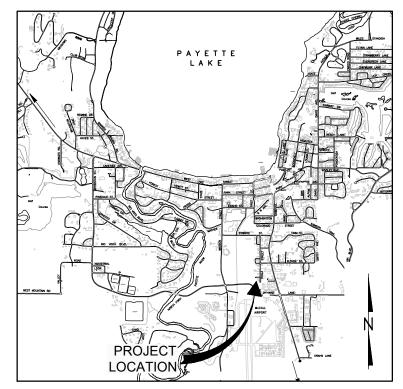
# McCALL, IDAHO

# ROAD, DOMESTIC WATER, SANITARY SEWER, GRADING, -DRAINAGE, AND STORMWATER IMPROVEMENTS

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- 1 - 2





DATE

BEJ 5/18/2023

DESIGN

AMD/G

AMD/F HECKED

REVISION

CITY OF McCALL AND PLRWSD ENGINEERING SUBMITTAL

SUMMER/FALL 2023



VICINITY MAP SCALE 1" = 100'

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ROAD, DOMESTIC WATER, SANITARY SEWER, GRADING, DRAINAGE, AND STORMWATER IMPROVEMENTS COVER SHEET

# **BLACK BEAR CONDOMINIUMS** McCALL, IDAHO

BAR IS ONE INCH ON FULL SIZE DRAWING 0 1"									
PROJECT 22020									
DATE	5/18/2023								
DRAWING NO.	SHEET NO.								
G-1	1 OF 16								

VERIFY SCALE

#### GENERAL NOTES:

- ALL WORK SHALL CONFORM TO THE PROJECT NOTES, DETAILS SPECIFICATIONS THE CITY OF MCCALL STANDARDS AND PAYETTE LAKE SPECIFICATIONS, THE CITY OF MCCALL STANDARDS, AND PAYETTE LAK RECREATIONAL WATER AND SEWER DISTRICT (PERWSD) STANDARDS. WHERE NOT SPECIFIED, ALL WORK SHALL CONFORM TO THE 2020, OR MOST CURRENT, EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC). IN THE EVENT THAT ANY OF THESE STANDARDS CONSTRUCT, THE MORE STRINGENT SHALL BE THE CONTROL WO CTANDARD OR DECONCIDENT AND ANY OF THESE CONTROLLING STANDARDS OR SPECIFICATIONS.
- ONLY PLAN SETS STAMPED "APPROVED FOR CONSTRUCTION" AND SIGNED BY THE CITY ENGINEER OR HIS AUTHORIZED REPRESENTATIVE SHALL BE USED BY THE PROJECT CONTRACTOR(S). USE OF ANY PLANS ON THE JOB WITHOUT THE "APPROVED FOR CONSTRUCTION" STAMP SHALL BE GROUNDS FOR THE ISSUANCE OF A STOP WORI ORDER
- 3. THE CONTRACTOR SHALL KEEP ON-SITE AT ALL TIMES A COPY O THE APPROVED CONSTRUCTION PLANS. THESE PLANS SHALL BE USED TO RECORD THE ACTUAL LOCATIONS OF THE CONSTRUCTED PIPELINE(S) AND ANY OTHER UTLITIES ENCOUNTERED. THE CONTRACTOR SHALL PROVIDE THESE RECORDED LOCATIONS TO THE PROJECT ENGINEER FOR USE IN THE PRODUCTION OF RECORD DRAWINGS PRIOR TO FINAL APPROVAL/ACCEPTANCE OF THE PROJECT.
- 4. EXISTING SITE INFORMATION INCLUDING THE LOCATION OF EXISTING SITE CONDITIONS, PROPERTY BOUNDARY, AND SURFACE TOPOGRAPHY AS SHOWN ON THESE PLANS HAS BEEN PROVIDED BY SECESH ENGINEERING, INC. AS A RESULT OF FIELD WORK COMPLETED IN 2019. ADDITIONAL SITE INFORMATION WAS COLLECTED KM ENGINEERING IN 2022. THE EXISTING SITE INFORMATION IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR'S CONSTRUCTION. STAKING TO THE START OF ANY PROJECT CONSTRUCTION. STAKING TO STARL OF ANY PROJECT CONSTRUCTION. STAKING STAKING DE DESENDISTIE FOR DEODYNIC ALL CONSTRUCTION. STAKING BE RESPONSIBLE FOR PROVIDING ALL CONSTRUCTION STAKING.
- THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE DRAWINGS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT UNLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES, THE PROJECT ENGINEER ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE DELINEATION OF SUCH UNDERGROUND UTILITIES, OR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IDENTIFY EXACT LOCATIONS OF EXISTING UTILITIES PRIOR TO THE START OF ANY PROJECT CONSTRUCTION. ANY LOCATION WHICH MAY POSE A CONFLICT WITH THE PROPOSED CONSTRUCTION MUST BE REPORTED TO THE PROJECT ENGINEER PRIOR TO THE START OF ANY PROJECT CONSTRUCTION. CONSTRUCTION
- THE CONTRACTOR SHALL SUBMIT A PROJECT SCHEDULE AND SEQUENCING PLAN TO THE OWNER AND THE PROJECT ENGINEER FOR REVIEW AND APPROVAL PRIOR TO STARTING CONSTRUCTION.
- 7. THE CONTRACTOR SHALL CALL DIG LINE (800-342-1585) TO LOCATE EXISTING UTILITIES AT LEAST THREE (3) DAYS PRIOR TO THE ALL EXISTING UTILITIES AT START OF CONSTRUCTION.
- 8. THE CONTRACTOR SHALL NOTIFY THE CITY OF McCALL A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO THE START OF PROJECT CONSTRUCTION
- 9. THE CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE IN PUBLIC RIGHT OF WAY, FROM THE CITY OF MCCALL AND PROVIDE A COPY TO THE OWNER AND THE PROJECT ENGINEER PRIOR TO THE START OF PROJECT CONSTRUCTION.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL ASSOCIATED WITH THE PROJECT AND SHALL DEVELOP/SUBMIT A PLAN TO THE CITY OF MCCALL AND THE PROJECT ENGINEER FOR APPROVAL PRIOR TO THE START OR PROJECT CONSTRUCTION. PLAN TO BE IN ACCORDANCE WITH MUTCD AND PROVIDED AT NO IONAL COST TO THE OWNER.
- 11. THE CONTRACTOR SHALL MAINTAIN TRAFFIC ACCESS AT THE END OF EACH DAY AND PROVIDE DETOURS OR ONE-WAY TRAFFIC DURING CONSTRUCTION. WHEN CONSTRUCTION TECHNIQUES ALLOW, CONTRACTOR SHALL PROVIDE ACCESS THROUGH THE CONSTRUCTION ZONE TO PRIVATE PROPERTIES.
- 12. CONTRACTOR SHALL SECURE A SHORT TERM ACTIVITY EXEMPTION CUNITACTOR SHALL SECURE A SHORT TERM ACTIVITY EXEMPTION FROM THE IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY (IDEO) PRIOR TO THE START OF PROJECT CONSTRUCTION IF WORK IN GROUND WATER IS ANTICIPATED. IN ADDITION TO THE EXEMPTION, CONTRACTOR SHALL SUBMIT A DEWATERING PLAN TO THE PROJECT ENGINEER PRIOR TO COMMENCEMENT OF DEWATERING OPERATIONS.
- 1.3. DURING PIPELINE INSTALLATION AND SERVICE CONNECTIONS DORING FIFELING INSTALLING AND SERVICE CONNECTIONS, GROUNDWATER LEVELS SHALL BE MAINTAINED ONE (1') FOOT OR MORE BELOW PIPE INVERTS PER ISPWC. ONCE DEWATERING OPERATIONS CEASE, CONTRACTOR SHALL CLEAN AND RESTORE TO THEIR ORIGINAL STATE ANY DITCHES OR STORMDRAIN FACILITIES THAT ARE SILTED DUE TO THEIR DEWATERING EFFORTS.

- 14. THE CONTRACTOR SHALL PROTECT ALL EXISTING MONUMENTS. SURVEY MARKERS, STREET SIGNS, UTILITES, IRRIGATION LINES, PAVEMENT, TREES, FENCES, AND ANY OTHER IMPORTANT OBJECTS ON/OR ADJACENT TO THE JOB SITE FROM DAMAGE AND REPART OR REPLACE DAMAGED FACILITIES AS REQUIRED BY THE OWNER AND THE PROJECT ENGINEER.
- 15 THE CONTRACTOR SHALL VERIEY ALL DIMENSIONS BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER OF ANY DISCREPANCIES.
- 16. UNLESS DETAILED, SPECIFIED, OR OTHERWISE INDICATED ON THE PLAN SET, CONSTRUCTION SHALL BE AS INDICATED ON THE APPLICABLE TYPICAL DETAILS AND GENERAL NOTES. TYPICAL DETAILS SHALL APPLY EVEN THOUGH NOT REFERENCED AT SPECIFIC LOCATIONS ON DRAWINGS.
- 17. WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF WORK, DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK
- 18. CONTRACTOR TO PROVIDE SUBMITTALS FOR ALL PRODUCTS NECESSARY FOR COMPLETING PROJECT PRIOR TO THE START OF CONSTRUCTION
- 19. ANY CHANGES TO THE DESIGN AS SHOWN IN THESE CONSTRUCTION DRAWINGS MUST BE REVIEWED AND APPROVED BY THE PROJECT ENGINEER BEFORE CHANGES ARE MADE. THIS INCLUDES CHANGES REQUESTED BY THE OWNER AND SUBCONTRACTORS
- 20. CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER WITH ONE COPY OF REDLINED AS-BUILT DRAWINGS PRIOR TO PROJECT ACCEPTANCE IF DETERMINED NECESSARY.
- 21. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL WORK CONSTRUCTED BY THEIR WORK CREWS UNTIL THE WORK IS ACCEPTED BY THE OWNER FOR CONTINUOUS OPERATION AND MAINTENANCE.
- 22. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH AL THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY INCLUDING, BUT NOT LIMITED TO, SAFE WORKING PRACTICES WITHIN AND AROUND THE CONSTRUCTION AREA. IN ADDITION, JURISDICTIONAL AGENCIES, THE OWNER, AND THE PROJECT ENGINEER SHALL NOT BE RESPONSIBLE FOR ENFORCING SAFETY REGULATIONS.
- 23. THE CONTRACTOR IS TO OBTAIN ALL APPLICABLE PERMITS NOT PROVIDED BY THE OWNER OR PROJECT ENGINEER. COPIES OF THESE PERMITS SHALL BE PROVIDED TO THE OWNER AND PROJECT
- 24. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ANY EXCESS ON-SITE MATERIALS AS NECESSARY TO COMPLETE THE PROJECT.
- 25. DOMESTIC WATER MAINS AND NON-POTABLE MAINS (SEWER, STORM DOMESTIC WATER WATING AND NON-POTABLE WATING (SEWER, STORM DRAIN, AND IRRIGATION) SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF FIGHTEEN (18") INCHES. REFER TO ISPWC SD-407 "NON-POTABLE WATER LINE (NPWL) SEPARATION," C414/GC-2, AND IDAPA 58.01.16.43.00.20, FOR ADDITIONAL INFORMATION AS WELL AS SEPARATION REQUIREMENTS FOR POTABLE SERVICE LINES IN RELATION TO AVOID OTTABLE SERVICE LINES TO NON-POTABLE SERVICE LINES.
- 26. WHEN MINIMUM VERTICAL SEPARATION IS NOT OBTAINED, NON-POTABLE MAINS SHALL BE ENCASED WITH A SLEEVING MATERIAL ACCEPTABLE TO THE IDEQ FOR A HORIZONTAL DISTANCE OF TEN (10) FEET ON BOTH SIDES OF THE CROSSING.
- 27. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE CITY OF McCALL A MINIMUM OF FOURTY-EIGHT (48) HOURS PRIOR TO ANY PROJECT TESTING AND THE POURING OF ANY PROJECT CONCRETE.
- 28. CONTRACTOR IS REQUIRED TO PAY FOR ALL ASPHALT, CONCRETE AND COMPACTION TESTING, INCLUDING ASSOCIATE COSTS IN ACCORDANCE WITH ISPWC SPECIFIC TESTING REQUIREMENTS.
- 29. ALL TESTING SHALL BE CONDUCTED BY AN INDEPENDENT THIRD
- 30. IF ANY ITEMS OF SUSPECTED HISTORICAL OR ARCHAEOLOGICAL VALUE ARE DISCOVERED DURING CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED TO STOP WORK AND CONTACT THE OWNER, PROJECT ENGINEER, AS WELL AS THE STATE HISTORICAL PRESERVATION OFFICE.
- 31. CONTRACTOR SHALL CONFORM TO OSHA AND OTHER LOCAL, STATE, AND FEDERAL REQUIREMENTS WHEN REMOVING ASBESTOS CEMENT (AC) PIPE AND MATERIALS.
- 32. IF DURING CONSTRUCTION OF THE PROJECT, AN UNDERGROUND IF DURING CONSINCTION OF THE FVOLUTIAN OWDERGROUND STORAGE TANK, BURIED DRUM, OTHER CONTAINER, CONTAMINATED SOIL, OR DEBRIS NOT SCHEDULED FOR REMOVAL UNDER THE CONTRACT IS DISCOVERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND THE PROJECT ENGINEER. NO ATTEMPT SHALL BE MADE TO EXCAVATE, OPEN, OR REMOVE SUCH MATERIAL WITHOUT WRITTEN APPROVAL

#### SEWER CONSTRUCTION NOTES:

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE PLRWSD STANDARD SPECIFICATIONS AND DRAWINGS AND THE 2020 ISPWC.
- 2. APPROVAL AND ACCEPTANCE OF ALL SEWER CONSTRUCTION WILL BE BY THE PLRWSD AND THEIR DECISION SHALL BE FINAL, SUCH INSPECTIONS SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF PERFORMING THE WORK IN AN ACCEPTABLE MANNER IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLANS AND STANDARD SPECIFICATIONS AND DRAWINGS. NO SEWER PERMITS WILL BE ISSUED TO CUSTOMERS PRIOR TO SEWER LINE ACCEPTANCE.
- 3. SEWER LINES SHALL BE LOCATED IN ROADS, MANHOLES SHALL BE IN SEWER LINES SHALL BE LOCATED IN ROADS. MANHOLES SHALL BE IN THE ROADWAY CENTERLINE, OR IN THE CENTER OF THE DRIVING LANE. ALTERNATIVELY, PROVIDE A THIRTY (30') FOOT WIDE UTILITY EASEMENT FOR ALL SEWER MAINS NEEDED TO SERVE THE DEVELOPMENT (ON OR OFF-SITE) OUTSIDE OF THE PUBLIC RIGHT-OF-WAY. THE SEWER MUST BE CENTERED IN THE EASEMENT. A TWELVE-FOOT WIDE ISPWC TYPE 1, TYPE 2 OR TYPE 3 GRAVEL ACCESS ROAD IS REQUIRED WITH TWELVE (12") INCH MINIMUM PIT RUN GRAVEL SECTION FOR ACCESS TO ALL SEWER MAINS. THE REMAINDER OF THE EASEMENT CAN BE RESTORED WITH NATIVE GRASSES. NO TREES OR PERMANENT STRUCTURES (OTHER THAN SEWER RELATED INFRASTRUCTURE) WILL BE ALLOWED IN THE SEWER RELATED INFRASTRUCTURE) WILL BE ALLOWED IN THE FASEMENT
- ALL GRAVITY SEWER PIPE SHALL BE BELL AND SPIGOT, POLYVINYL CHLORIDE (PVC), SDR 35, ASTM D-3034, UNLESS OTHERWISE APPROVED BY PLRWSD.
- 5. LOCATE SERVICE LINES TO THE POINTS SHOWN ON THE STANDARD
- THE PLRWSD RESERVES THE RIGHT TO COMPLETE SPOT OBSERVATION. THE CONTRACTOR WILL NOTIFY THE PLRWSD FORTY-EIGHT (48) HOURS PRIOR TO START OF CONSTRUCTION AND AGAIN TWENTY-FOUR (24) HOURS PRIOR TO POURING CONCRETE COLLARS.
- 7. MAINTAIN GROUNDWATER LEVELS ONE (1') FOOT OR MORE BELOW MAINTAIN GROUNDWATER LEVELS ONE (1) FOOT OR MORE BELOW THE PIPE INVERT, PER ISPWC, DURING PIPE LAYING AND PIPE JOINING OPERATIONS AND WHILE MAKING SEWER TAPS. CLEAN AND RESTORE TO THEIR ORIGINAL STATE ANY DITCHES AND STORMDRAIN FACILITIES THAT ARE SLITED DUE TO THE CONTRACTOR'S DEWATERING EFFORTS. OBTAIN ALL NECESSARY PERMITS FOR DEWATERING DECEMPERED PERMITS FOR DEWATERING DE TATE 1 DISCHARGES. BEDDING AND PIPE ZONE MATERIAL SHALL BE TYPE 1 AGGREGATE PIPE BEDDING MATERIAL
- 8. INSTALL SEWER SERVICE LINES PRIOR TO STREET IMPROVEMENTS.
- 9. CONSTRUCT SANITARY SEWER MANHOLES IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND DRAWINGS.
- 10. THE CONTRACTOR SHALL TEST ALL SEWER LINES IN ACCORDANCE WITH ISPWC AND SHALL BE OBSERVED BY THE PLRWSD. THE CONTRACTOR SHALL BE PREPARED FOR THE PLRWSD INSPECTION AND SHALL REMOVE ALL MANHOLE COVERS PRIOR TO INSPECTION. ALL CONSTRUCTION INSPECTIONS SHALL BE COMPLETED BEFORE NOVEMBER 1 OF THE YEAR WHEN INITIAL CONSTRUCTION COMMENCED UNLESS OTHERWISE APPROVED BY THE DISTRICT. THE WARRANTY PERIOD COMMENCES AS DATED UPON THE LETTER OF FINAL ACCEPTANCE
- 11. PLACE SEWER SERVICE LINES IN A SIX (6") INCH DIAMETER WATER CLASS PIPE WHEREVER THE SERVICE LINE CROSSES A STORMWATER DISPOSAL FACILITY (I.E., SEEPAGE BEDS, DRAINAGE SWALES).
- 12. ALL PARALLEL OR CROSSING INSTALLATIONS OF POTABLE AND NON-POTABLE PIPELINES MUST BE IN ACCORDANCE WITH IDAPA 58.01.08.542.07.
- 13. WHEN THE COVER OVER A SEWER PIPE IS LESS THAN THREE (3') FEET FROM THE TOP OF PIPE TO THE SUBGRADE OR TOP OF PIPE TO NATURAL GROUND, USE "CLASS 200 WATER PRESSURE PIPE", ASTM D-2241, SDR 21, INCLUDING SERVICE LINES AND FITTINGS. DESIGN ENGINEER SHALL MAKE MORE STRINGENT REQUIREMENTS AS
- 14. ALL SEWER LINES SHALL BE CLEANED WITH A HYDRO-CLEANER, OR OTHER ENGINEER APPROVED CLEANING EQUIPMENT PRIOR TO OTHER ENGINEER APPROVED CLEANING ENGINEEN PRIOR TO TELEVISION INSPECTION AND FINAL ACCEPTANCE OF THE SEWER. CLEAN TWO (2) LINE SEGMENTS (MANHOLE TO MANHOLE) UPSTREAM AND DOWNSTREAM OF ANY TIE IN OR ADJUSTMENT WORK.
- 15. A TELEVISION INSPECTION SHALL BE CONDUCTED BY A QUALIFIED, PROPERLY EQUIPPED INDEPENDENT CONTRACTOR UPON COMPLETION OF THE SEWER LINES AND PROVIDE A VIDEOTAPE/DVD OF THE INSPECTION PRIOR TO FINAL ACCEPTANCE OF THE SEWER, AS SPECIFIED IN THESE STANDARDS.
- 16. PRIOR TO SEWER MAIN LINE CONSTRUCTION, CONTRACTOR SHALL PRIOR TO SEVER WAIN CHIE CONSTRUCTION, CONTINUCTOR STALL POTHOLE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING/PROPOSED INVERTS TO MANHOLES AND INVERTS OF THE EXISTING WATER WAINS, ANY DISCREPANCIES IN/OR FROM THE INFORMATION SHOWN ON THE PLANS, OR ADDITIONAL INFORMATION THAT MAY CREATE A CONFLICT. SHALL BE REPORTED TO THE PROJECT ENGINEER PRIOR TO PROCEEDING

- 17. IN THE EVENT OF A WATER SYSTEM CONFLICT, CONTACT THE PROJECT ENGINEER IMMEDIATELY
- ALL SEWER SERVICE LATERALS SHALL BE PVC SDR 35, ASTM D-3034. SERVICE CONNECTIONS TO THE MAIN SHALL BE COMPIL USING 8"x4" PVC SDR 35, ASTM D-3034 TEE OR ROMAC "CB SEWER SADDLE" WHERE APPROVED IN ADVANCE
- 19. ALL PROFILE VIEW PIPE LENGTHS ARE FROM THE CENTER OF MANHOLE TO THE CENTER OF MANHOLE.
- 20. ALL SEWER MANHOLES TO BE TYPE "A" PER ISPWC STANDARD DRAWING SD-501, C501/GC-2, AND THE PLRWSD STANDARD REVISIONS. THE MORE STRINGENT REQUIREMENT WILL COVERN. A MANHOLE JOINTS TO INCLUDE CON-SEAL "CS-102 BUTYL RUBBI SEALANT," VULKEM 116" HIGH-PERFORMANCE POLYURETHANE SEALANT, AND BE GROUTED (INSIDE & OUT) USING DAYTON 110 ADVANTAGE, SPECCHEM SC MULTIPURPOSE FORUT, OR EQUAD APPROVED BY PLRWSD. EXTERIOR MANHOLE JOINTS TO BE COV WITH NINE (9") INCH WIDE INFI-SHIELD GATOR WRAP AFTER GROUTING.
- 21. CONTRACTOR TO USE "WHIRLYGIG" COLLARING SYSTEM UP TO MAXIMUM HEIGHT OF THIRTEEN (13") INCHES ON ALL MANHOLES PLACE OF CONCRETE GRADE RINGS (18" TOTAL MAXIMUM HEIGHT FROM TOP OF CONE TO FINISHED GRADE). JOINT BETWEEN WHIR COLLARING SYSTEM (BOTTOM OF PLASTIC FLANCE) AND TOP OF MANHOLE CONE SHALL BE SEALED WITH "VULKEM 116" UICUL DEFEOPTIANCE ON VIETNAME CANT CONCRETE COLLAR HIGH-PERFORMANCE POLYURETHANE SEALANT, CONCRETE COLL EXTEND A MINIMUM OF SIX (6") INCHES BELOW TOP OF CONE.
- 22. MANHOLE FRAMES AND COVERS SHALL BE PER PLRWSD STANDAI AND INSTALLED IN ACCORDANCE ISPWC STANDARD DRAWING SD-AND C501/GC-2. ALL MANHOLES TO HAVE CAST-IRON DUST PA CONSTRUCTED WITH INTEGRAL MACHINED FLANGES CAST INTO TH FRAME. DUST PANS TO HAVE A RAISED DRAIN HOLE, VENTING PROVISIONS AND WIRE LIFTING STRAP. MANHOLE COVER TO BE STAMPED "PLRWSD SEWER". FRAMES, COVERS, AND DUSTPANS T MANIFACTURED BY KITS FOILDRY & MACHINE INC. MANUFACTURED BY KITS FOUNDRY & MACHINE, INC. (208) 357-7773.
- 23. INSTALL NEW SEWER SERVICE LATERALS AS INDICATED ON PLANS FROM CONNECTION TO SEWER MAIN TO THE RIGHT-OF-WAY AND INSIDE PRIVATE PROPERTY TWELVE (12') FEET, OR AS OTHERWIS INDICATED ON THE PLANS. NEW SEWER SERVICE STUB-OUTS TO A MAXIMUM, INVERT DEPTH OF FIVE (5') FEET AT CAP/MARKER AS OTHERWISE INDICATED ON THE PLANS.
- 24. THE INSTALLATION OF NEW SERVICE LATERALS INTO MANHOLES NOT ALLOWED.
- 25. THE CONTRACTOR SHALL PROVIDE INVERT ELEVATIONS AT SEWEI SERVICE MARKERS AND MARK ALL SEWER SERVICE LATERALS I DISTANCES FROM THE NEAREST MANHOLE ON THE AS-BUILT DRAWINGS TO BE PROVIDED TO THE PROJECT ENGINEER.
- 26. ALL SEWER MAIN LINES, SERVICE LATERALS, AND MANHOLES SH BE AIR/VACUUM TESTED IN ACCORDANCE WITH ISPWC. TESTING BE COMPLETED PRIOR TO CONNECTING EXISTING SERVICE LATER INTO THE NEW SYSTEM.
- 27. ALL SEWER MAIN LINES SHALL BE HYDROCLEANED AND CCTV'ED UPON COMPLETION OF ALL UNDERGROUND UTILITY WORK IN ACCORDANCE WITH ISPWC. THE CONTRACTOR SHALL SUBMIT TWO COPIES OF ALL REPORTS TO THE DESIGN ENGINEER FOR REVIEW PRIOR TO ACCEPTANCE BY THE PLRWSD.
- 28. ALL ASPHALT SURFACE REPAIRS SHALL BE IN ACCORDANCE WITH CITY OF McCALL STANDARDS AND CIVIL TYPICAL DETAIL C306A/GC-1.
- 29. THE CONTRACTOR IS REQUIRED TO PAY FOR ALL PROJECT TESTING AND ASSOCIATED COSTS AS PART OF THE SEWER MAIN INSTALLATION. ALL TESTING TO BE COMPLETED IN ACCORDANCE WITH THE PROVISIONS SET FORTH HEREIN AND SHALL BE CONDUCTED IN THE PRESENCE OF THE PROJECT ENGINEER.
- 30. AT OR PRIOR TO THE PROJECT PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL SUBMIT TO THE PLRWSD AND THE PROJECT ENGINEER A BYPASS SEWAGE PUMPING/SEWAGE BYPASS CONTROL FIGURE AN SHALL BE IN ACCORDANCE WITH ISPUC SECTION 509.1.4.H. AND PLRWSD REQUIREMENTS. PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO DESCRIPTIONS AND DETAILS OF SYSTEM, AS WELL AS WHEN THE SYSTEM WILL BE REQUIRED IN THE WORK SEQUENCE. ADDITIONALLY, A CONTINGENCY PLAN SHALL BE PROVIDED IN CASE OF A PRIMARY SYSTEM FAILURE, NO WORK ON THE EXISTING SYSTEM SHALL OCCUR WITHOUT AN APPROVED SEWAGE BYPASS CONTROL

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#### WATER CONSTRUCTION NOTES:

LETED	1.	ALL WATER MAINS SHALL BE BELL AND SPIGOT, POLYVINYL CHLORIDE (PVC), DR 18, AWWA 900 OR C905 WITH GASKETS MEETING ASTM F477 AND JOINTS IN COMPLIANCE. ALL GATE VALVES SHALL BE RESILIENT SEAT GATE VALVES MEETING AWWA C509–994 SPECIFICATIONS. ALL FITTINGS SHALL BE DUCTILE IRON, ANSI/NSF APPROVED.
	2.	ALL GATE VALVES TO BE INSTALLED IN ACCORDANCE WITH ISPWC SECTION 402, STANDARD DRAWING SD-403 (VALVE ANCHOR DETAIL), STANDARD DRAWING SD-406 (VALVE BOX AND LID DETAIL) AND C412/GC-2. FIRE VALVES BOX LIDS TO BE STAMPED "FIRE".
ALL BER 07 ERED	3.	FIRE HYDRANTS SHALL BE PACER 100 WITH A THIRTY-FOUR (34") INCH TRAFFIC SECTION, MANUFACTURED BY WATEROUS COMPANY AND INSTALLED WITH HOSE ATTACHMENTS FOUR (4') FEET ABOVE FINISHED GROUND. REFER TO ISPWC SD-404 AND CIVIL TYPICAL DETAIL C408/GC-2 FOR TYPICAL INSTALLATION DETAILS. FINAL HYDRANT LOCATIONS SHALL BE FIELD APPROVED BY THE CITY OF McCALL AND MCCALL FIRE & EMS PRIOR TO INSTALLATION.
	4.	THRUST BLOCKS SHALL BE INSTALLED AT ALL FITTINGS IN ACCORDANCE WITH ISPWC SD-403 AND C406/GC-1 AND VISUALLY INSPECTED BY THE PROJECT ENGINEER PRIOR TO BACKFILL.
S IN IT RLYGIG	5.	ALL WATER SERVICE PIPE SHALL BE CLASS 200, SIDR 7 POLYETHYLENE PRESSURE PIPE CONFORMING TO AWWA C901.
AR TO ARDS -501 ANS	6.	WATER MAINS AND SERVICE LINES SHALL BE INSTALLED WITH A MINIMUM COVER OF SIX (6') FEET AND USE CLASS B-2 BEDDING SYSTEM DURING NORMAL CONDITIONS AND CLASS A-1 BEDDING SYSTEM WHEN GROUNDWATER IS OBSERVED IN THE TRENCH DURING EXCAVATION, REFER TO ISPWC SD-301 AND CIVIL TYPICAL DETAIL C302/GC-1 FOR TYPICAL TRENCH DETAILS.
TO BE		THE CONTRACTOR SHALL INSTALL NO. 12 COPPER LOCATOR WIRE IN THE TRENCH WITH ALL WATER MAIN AND SERVICE LINES. LOCATOR WIRE SHALL BE TAPED TO THE TOP CENTER OF THE PIPE AND BROUGHT UP TO THE TOP OF ALL VALVE BOXES, FIRE HYDRANTS AND SERVICES. BLUE TAPE MARKED "WATER" SHALL BE INSTALLED APPROXIMATELY TWO (2') FEET ABOVE ALL WATER MAIN LINES.
D SE		ALL WATER MAINS AND SERVICE LINES SHALL BE TESTED AND DISINFECTED IN ACCORDANCE WITH ISPWC SECTION 401 PRIOR TO PROJECT ACCEPTANCE.
OR	9.	ALL WATER MAINS AND SERVICE LINES SHALL BE VISUALLY INSPECTED BY THE PROJECT ENGINEER AND THE CITY OF McCALL UNDER WORKING SYSTEM PRESSURE PRIOR TO BACKFILLING IF HYDROSTATIC TESTING IS NOT POSSIBLE WHEN CONNECTING TO EXISTING WATER MAIN LINES IN SERVICE.
ITH	10.	ALL WATER PIPE AND FITTINGS THAT ARE UNABLE TO BE TESTED AND DISINFECTED SHALL BE WASHED/SANITIZED USING A CHLORINE/LIQUID BLEACH SOLUTION UNDER THE PRESENCE OF THE PROJECT ENGINEER PRIOR TO INSTALLATION. LINES ARE TO BE FLUSHED UNDER THE SUPERVISION OF CITY OF McCALL AFTER THE COMPLETION OF PROJECT CONSTRUCTION/PRIOR TO BEING RETURNED TO SERVICE.
SHALL ALS D D (2) W	11.	ALL NEW TRACE WIRE INSTALLATIONS SHALL BE LOCATED USING TYPICAL LOW FREQUENCY (512H2) LINE TRACING EQUIPMENT, WITNESSED BY THE CONTRACTOR, ENGINEER AND THE CITY OF MCGALL WHEN APPLICABLE, PRIOR TO FINAL ACCEPTANCE. THIS VERIFICATION SHALL BE PERFORMED UPON COMPLETION OF ROUGH GRADING AND AGAIN PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. CONTINUITY TESTING IN LIEU OF ACTUAL LINE TRACING SHALL NOT BE ACCEPTED.

- 12. DISPOSAL OF SUPER-CHLORINATED DISINFECTION WATER TO BE IN DISPOSAL OF SUPER-CHLORINATED DISINFECTION WATER TO BE IN ACCORDANCE WITH THE IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY'S (IDEQ), DRINKING WATER PROGRAMS GUIDANCE FOR PUBLIC WATER SYSTEM DISPOSAL OF WATER FROM CONSTRUCTION, MAINTENANCE, AND OPERATIONS (APRIL, 2014). CONTRACTOR SHALL SUBMIT A FLUSHING PLAN IN ACCORDANCE WITH THE GUIDANCE TO THE PROJECT ENGINEER PRIOR TO THE START OF ANY FLUSHING TO THE PROJECT ENGINEER PRIOR TO THE START OF ANY FLUSHING TO ENSURE COMPLIANCE WITH PROPER DISPOSAL REQUIREMENTS.
- ALL ASPHALT SURFACE REPAIRS SHALL BE IN ACCORDANCE WITH CITY OF McCALL STANDARDS AND TYPICAL DETAIL C306A/CG-1.

# BLACK BEAR CONDOMINIUMS McCALL, IDAHO

D, DOMESTIC WATER, SANITARY SEWER, GRADING, DRAINAGE, AND STORMWATER IMPROVEMENTS GENERAL INFORMATION AND NOTES - 1

BAR IS ONE INCH ON FULL SIZE DRAWING 0									
PROJECT 22020									
DATE 5/18/202									
DRAWING NO.	SHEET NO.								
G-2 2 OF 16									

VERIEY SCALE

#### CONCRETE CONSTRUCTION NOTES:

- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING GROUND ELEVATIONS AND GRADES ON-SITE AND WITHIN THE PUBLIC ROAD/STREET RIGHT-OF-WAY WITH THE PROJECT ENGINEER PRIOR TO THE START ANY PROJECT CONSTRUCTION.
- ALL CONCRETE CURBS SHALL BE ROLLED CURB AND GUTTER TYPE II, CONSTRUCTED IN ACCORDANCE WITH ISPWC SD-704 AND CIVIL TYPICAL DETAIL C712/CC-3. CONCRETE MIX DESIGN TO BE CLASS 4000A WITH 3/4" AGGREGATE IN ACCORDANCE WITH ISPWC SECTION 703, CAST-IN-PLACE CONCRETE, TABLE 1.
- ALL OTHER CONCRETE (I.E. SIDEWALK, APPROACHES AND RAMPS) TO BE CLASS 4000B WITH 3/4" AGGREGATE IN ACCORDANCE WITH ISPWC SECTION 703, CAST-IN-PLACE CONCRETE, TABLE 1 AND THE
- 4. CONCRETE SUPPLIER/SOURCE AND MIX DESIGN SHALL BE APPROVED BY PROJECT ENGINEER PRIOR TO PLACEMENT.
- ALL SITE CONCRETE WORK SHALL CONTAIN FIBERMESH 300 FIBER REINFORCEMENT IN ACCORDANCE WITH THE PROJECT MANUAL AND CITY OF McCALL STANDARDS.
- 6. ALL CONCRETE FLATWORK SHALL NOT BE TROWFLED, USE SCREED. FLOAT AND BROOM. CONTRACTOR SHALL BE CAREFUL TO NOT OVERWORK CONCRETE DURING PLACEMENT.
- ALL SIDEWALKS SHALL BE FOUR (4") INCHES THICK WITH A MINIMUM OF FOUR (4") INCHES OF COMPACTED 3/4" MINUS AGGREGATE BASE. REFER TO TYPICAL DETAIL C724/GC-3 AND C726/GC-3 FOR DETAILS
- 8. SIDEWALK CONSTRUCTION JOINTS SHALL BE LOCATED/SPACED IN ACCORDANCE WITH THE PROJECTS CIVIL TYPICAL DETAILS. IF DETAILS ARE NOT PROVIDED, CONSTRUCTION JOINTS SHALL BE PLACED AT A MAXIMUM OF FIVE (5') SPACING, JOINTS TO BE APPROXIMATELY 1/8" WIDE, 3/4" IN DEPTH AND FINISHED/EDGED SMOOTH.
- 9. CONCRETE DRIVEWAY APPROACHES SHALL BE CONCRETE DRIVEWAY WITH RAMPED SIDEWALK PER ISPWC STANDARD DRAWING SD-710B. CONCRETE SHALL BE CLASS 4000B WITH A MINIMUM CONCRETE THICKNESS OF SIX (6") INCHES OVER A MINIMUM COMPACTED AGGREGATE BASE OF FOUR (4") INCHES.
- 10. PEDESTRIAN RAMPS SHALL BE TYPE "C3" FOR NEW DEVELOPMENT PER ISPWC STANDARD DRAWING SD-712C AND MID-BLOCK PEDESTRIAN RAMP WITH NO LANDING PER ISPWC STANDARD DRAWING SD-712G, ALL RAMPS SHALL HAVE A 24" DEEP STRIP OF DETECTABLE WARNING SURFACE ACROSS THE FULL WIDTH OF THE BOTTOM PART OF THE RAMP.
- 11. DETECTABLE WARNING SURFACE SYSTEM SHALL BE "ADVANTAGE TACTILE SYSTEMS, CAST IRON PLATES" OR APPROVED EQUIVALENT CAST IRON. DETECTABLE WARNING SURFACE SHALL BE CONSTRUCT WITH RADIUSES TO MATCH THE ADJACENT BACK OF CURB WERE UCTED INDICATED.
- 12. CONTRACTOR SHALL SEAL ALL CONCRETE WITH CURING AND PROTECTIVE SEALE SEAL ALL CONCRETE WITH CONING AND PROTECTIVE SEALERS AS OUTLINED WITHIN THE SPECIAL PROVISIONS OF THE PROJECT MANUAL WITHIN. CURING SEALER SHALL BE USED UPON COMPLETION OF CONCRETE PLACEMENT. A SILANE 40 OR APPROVED EQUAL PROTECTIVE SEALER SHALL ALSO BE APPLIED TO ALL FINISHED CONCRETE, CONTRACTOR TO COORDINATE WITH THE ALL FINISHED CUNRELE. CUNINGLOW TO COUDDINATE WITH THE PROJECT ENGINEER TO ENSURE THAT ADEQUATE TIME HAS BEEN ALLOWED FOR THE CURING SEALER TO WEAR OFF AND THE PROTECTIVE SEALER TO CORRECTLY ADHERE TO THE CONCRETE

#### GRADING AND DRAINAGE NOTES:

- 1. BURGENERAL, ALL SITE GRADING ADJACENT TO NEW BUILDINGS/ STRUCTURES SHALL BE SLOPED TO DRAIN AWAY FROM FOUNDATIONS AT A MINIMUM OF 1.5% IN HARDSCAPE AREAS AND 5% IN LANDSCAPE AREAS. AREAS BETWEEN NEW STRUCTURES AND PROPERTY BOUNDARIES SHALL BE SLOPED TO RETAIN STORMWATER ON-SITE AND RELEASED INTO EXISTING LANDSCAPED AREAS.
- 2. ALL ACCESSIBLE ROUTE RUNNING SLOPES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OS WALKING SURFACES SHALL NOT BE STEEPER THAN 1:50 (2%).
- 3. THE CONTRACTOR SHALL MAINTAIN ALL DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL THE PROPOSED DRAINAGE IMPROVEMENTS ARE IN PLACE, FUNCTIONING, AND APPROVED BY PROJECT ENGINEER.
- 4. ALL CATCH BASIN CONNECTING TO TWELVE (12") INCH OR LARGER MAIN LINES AND IN OR ADJACENT TO ASPHALT SURFACES SHALL BE THIRTY (30") INCH I.D. CONCRETE CATCH BASINS W/24" DIAMETER GRATED COVER AND A TWO (2') FOOT MINIMUM SUMP OR APPROVED EQUAL. SEE TYPICAL DETAIL C612/CG-2 FOR ADDITIONAL INFORMATION.
- 5. ALL CONCRETE CATCH BASIN JOINTS TO INCLUDE CON-SEAL "CS-320 MASTIC." AND BE CROUTED (INSIDE A CON-SEAL ALL CONCRETE CALCH BASIN JOINTS TO INCLUDE CON-SEAL "CS-320 MASTIC," AND BE GROUTED (INSIDE & OUT) USING QUIKRETE "NON-SHRINK GENERAL PURPOSE GROUT." EXTERIOR MANHOLE JOINTS TO BE COVERED WITH PRESS-SEAL "EZ-WRA EXTRUDED BUTYL EXTERIOR JOINT WRAP AFTER GROUTING, PRIME JOINT SURFACE USING A SPRAY ADHESIVE PRIOR TO EZ-WRAP APPLICATION. GROUTING OF AL PIPE PENETRATIONS TO BE REVIEWED AND APPROVED BY THE PROJECT ENGINEER PRIOR TO BACKFILLING.
- 6. CONTRACTOR TO USE "WHIRLYGIG" COLLARING SYSTEM ON ALL MANHOLES IN PLACE OF CONCRETE GRADE RINGS. JOINT BETWEEN WHIRLYGIG COLLARING SYSTEM (BOTTOM OF PLASTIC FLANCE) AND TOP OF MANHOLE CONE SHALL BE SEALED WITH "VULKEM 116" HIGH-PERFORMANCE POLYURETHANE SEALANT.
- ALL DRAINAGE PIPING SHALL MAINTAIN A MINIMUM OF EIGHTEEN (18") INCHES OF COVER IN ALL TRAFFIC AREAS OR A MINIMUM OF TWELVE (12") INCHES OF COVER IN LANDSCAPED AND NON-TRAFFIC AREAS
- 8. REVEGETATE ALL DISTURBED AREAS WITH A NATIVE GRASS MIXTURE IF NOT CALLED OUT IN LANDSCAPE PLAN.
- 9. CONTRACTOR TO WORK WITH PROJECT ENGINEER TO EVALUATE SUBSURFICE SOILS WITHIN DETENTION BASIN FOOTPRINT. IF SUBSURFACE SOILS ARE NOT FAVORABLE, THE OWNER/ENGINEER WILL WORK WITH CONTRACTOR TO DEVELOP A PLAN TO IMPROVE SUBSURFACE DRAINAGE.

#### EROSION AND SEDIMENT CONTROL NOTES:

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROLS (ESC)/STORWATER BEST MANAGEMENT PRACTICES (BMP'S) IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS
- 2. IF DETERMINED NECESSARY, THE CONTRACTOR SHALL PREPARE AND SUBMIT A PROPOSED ESC PLAN TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO STARTING CONSTRUCTION.
- 3. THE CONTRACTOR SHALL COMPLY WITH THE PREVISIONS OF THE IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY'S (IDEQ) IDAHO POLLUTION DISCHARGE ELIMINATION SYSTEM (IPDES) 2022 GENERAL PERMIT FOR DISCHARGES FROM CONSTRUCTION ACTIVITIES (CCP). THE CGP REQUIRES THAT PROJECTS WHICH INTEND TO DISTURB MORE THAN ONE (1) ACRE PREPARE/PROVIDE A STORMWARER POLLUTION PREVENTION PLAN (SWPPP). IF THE CONTRACTOR'S MEANS AND METHODS DISTURB MORE THAN ONE (1) ACRE, THE CONTRACTOR SHALL PREPARE A SWPPP AND OBTAIN COVERAGE UNDER THE IDEQ 2022 CGP 2022 CGP.
- 4. ALL EROSION AND SEDIMENT CONTROL BMP'S SHALL BE INSTALLED PRIOR TO THE START OF ANY PROJECT CONSTRUCTION OR EARTH DISTURBING ACTIVITIES AND SHOULD REMAIN IN PLACE UNTIL ALL DISTURBED/EXPOSED AREAS HAVE BEEN STABILIZED AND/OR REVEGETATED.
- 5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL ESC MEASURES/STORMWATER BMP'S IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS. THIS INCLUDES REGULAR INSPECTION, REPLACEMENT, AND UPGRADING IF NECESSARY UNTIL ALL PROJECT CONSTRUCTION IS COMPLETED AND STABILIZATION IS ACHIEVED PER THE CGP OR AS DEFINED BY THE DROJECT ENGINEER PROJECT ENGINEER.
- 6. REFER TO THE "STATE OF IDAHO, CATALOG OF STORMWATER BEST MANAGEMENT PRACTICES FOR IDAHO CITIES AND COUNTES" FOR FURTHER DETAILS ON BMP IMPLEMENTATION AND INSTALLATION.
- 7. CONTRACTOR SHALL CONTROL SURFACE DRAINAGE FROM EXCAVATION BORROW AND WASTE DISPOSAL AREAS AS WELL AS PROVIDE CONTROL STRUCTURES AS NECESSARY TO PREVENT CONTAMINATED RUNOFF FROM LEAVING THE PROJECT SITE.
- 8. CONTRACTOR SHALL MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ONE TIME.
- 9. STABILIZED CONTRACTION ENTRANCES SHALL BE PROVIDED AT ALL ENTRANCES/EXITS TO THE SITE AND CONSTRUCTION STAGING AREAS.
- 10. CONTRACTOR TO PROVIDE TEMPORARY MEASURES SUCH AS BERMS, DIKES, AND DRAINS AS NECESSARY, TO PREVENT RUNOFF FROM FLOWING INTO PIPE TRENCHES DURING CONSTRUCTION.
- 11. DURING CONSTRUCTION, CONTRACTOR SHALL WATER ALL DISTURBED AREAS AS NECESSARY FOR DUST ABATEMENT.
- 12. REVEGETATION AND STABILIZATION OF ALL DISTURBED PROJECT AREAS SHALL BE IN ACCORDANCE WITH THE PROJECT SLANDSCAPE DESIGN. IF A LANDSCAPE DESIGN/PLAN IS NOT AVAILABLE, DISTURBED AREAS SHALL BE REVEGETATED WITH A GRASS SEED MIXTURE NATIVE TO THAT AREA.

#### STRUCTURAL/IMPORTED FILL PLACEMENT NOTES:

- 1. ALL STRUCTURAL FILL MATERIAL AND EMBANKMENT SHALL BE IN ACCORDANCE WITH ISPWC SECTION 202
- STRUCTURAL FILL PLACEMENT SHALL BE COMPLETED IN ACCORD WITH DIVISIONS 200 AND 800 OF THE ISPWC, THE PROJECT PLI AND CITY OF McCALL STANDARDS WHERE APPROPRIATE.
- 3. ALL BASE AND SUBBASE COURSE USED FOR STRUCTURAL/IMPO ALL BASE AND SUBBASE COURSE USED FOR STRUCTURAL/IMPT FILL SHALL MEET THE REQUIREMENTS OF ISPWC SECTION 802, CRUSHED AGGREGATES. CONTRACTOR SHALL PROVIDE PROJECT ENGINEER WITH RECENT TESTING DATA ON SIEVE ANALYSIS, PR COMPACTION RESULTS, LIQUID LIMITS, AND PLASTICITY INDEX FR SOURCE LOCATIONS PRIOR TO PLACEMENT.
- 4. COMPACTION FOR ALL AGGREGATE BASE/SUBBASE MATERIAL SHA IN ACCORDANCE WITH ISPWC SECTION 802.
- 5. ALL STRUCTURAL/IMPORTED FILL BASE/SUBBASE PLACEMENT TE ALL SINCOLONGLAL INFORMED FILE DASES SOBASE FORCEMENT SHALL BE THIRD PARTY PROVIDED BY THE CONTRACTOR. CONTR SHALL COORDINATE WITH THE OWNER AND THE PROJECT ENGINE TO ACCOMMODATE ALL REQUIRED TESTING DURING PLACEMENT ( FILL MATERIALS IN ACCORDANCE WITH ISPWC.

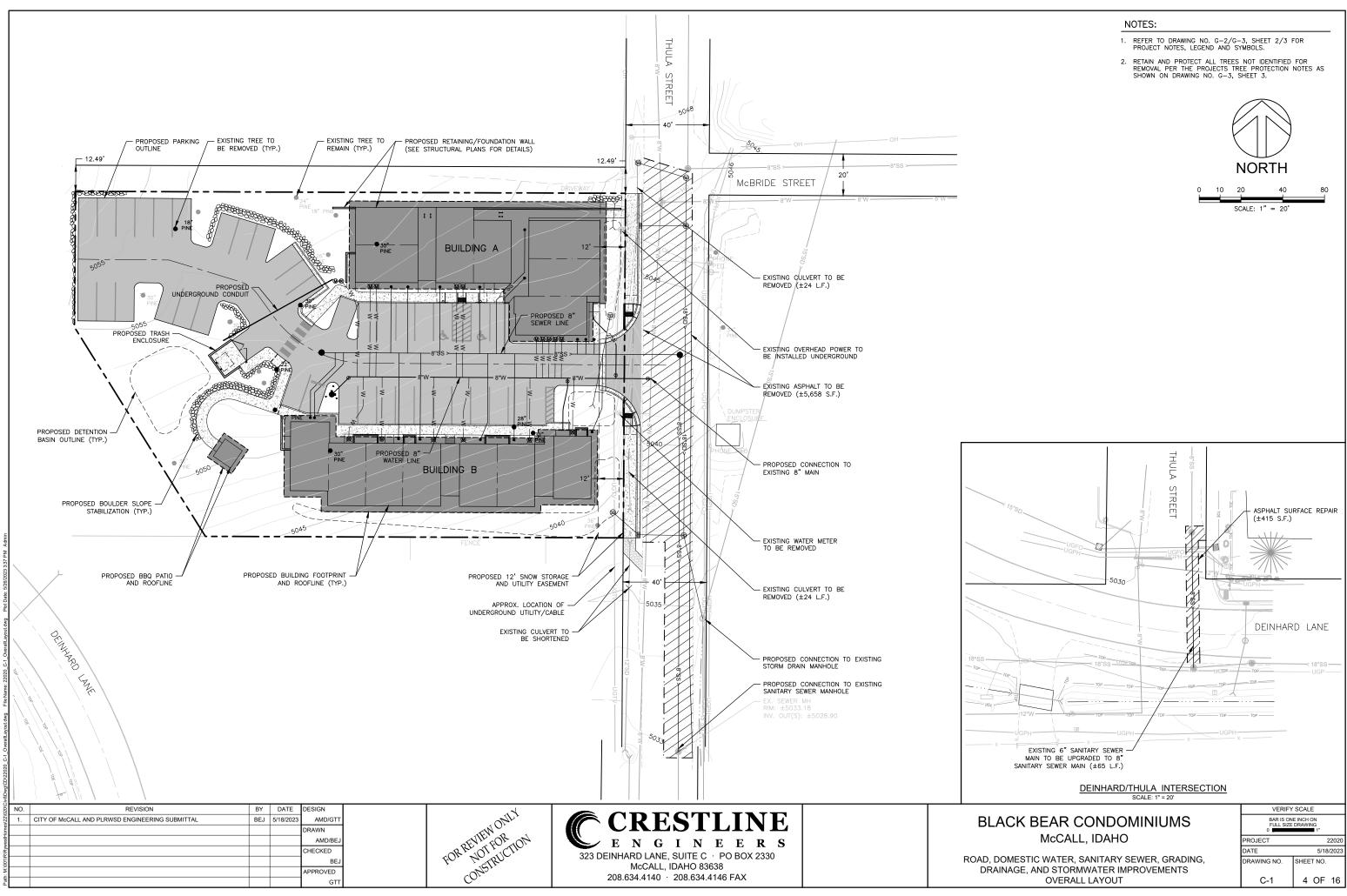
#### TREE PROTECTION NOTES:

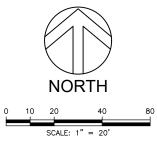
- CONTRACTOR TO TAKE EXTRA PRECAUTION WHEN WORKING NE TREES WITHIN THE PROJECT AREA.
- 2. INSTALL CONSTRUCTION FENCING AROUND THE DRIP LINES OF SIGNIFICANT (12" OR LARGER TRUNK DIAMETER) TREES TO PREVENT VEHICLE/CONSTRUCTION EQUIPMENT TRAFFIC AND COMPACT SOIL ABOVE TREES ROOT SYSTEM.
- 3. WHEN DIGGING IN CLOSE PROXIMITY/UNDER DRIPLINES OF TH CONTRACTOR TO POT HOLE/HAND DIG AROUND TREE ROOTS PREVENT PULLING IMPACTS AND/OR TENSION ON THE ROOT SYSTEM
- 4. IF IMPACTS ARE UNAVOIDABLE, CONTRACTOR TO COORDINATE IMPACTS WITH THE CITY OF McCALL ARBORIST AND PROJECT ENGINEER TO TRY AND MINIMIZE IMPACTS TO THE GREATEST EXTENT POSSIBLE
- 5. IN THE EVENT THAT THERE IS A CONFLICT WITH TREE ROOTS, CONTRACTOR TO GENTLY EXPOSE AND CUT THE ROOT CLEAN WITH A SAW TO HELP MITIGATE IMPACTS. DO NOT TREAT THE OF CUT ROOTS.
- ONCE TREE ROOTS ARE CUT AND/OR IMPACTED, THERE IS N GUARANTEE OF THEIR SURVIVAL.
- 7. ANY ROOT IMPACTS SHOULD BE APPROVED BY THE CITY ARE

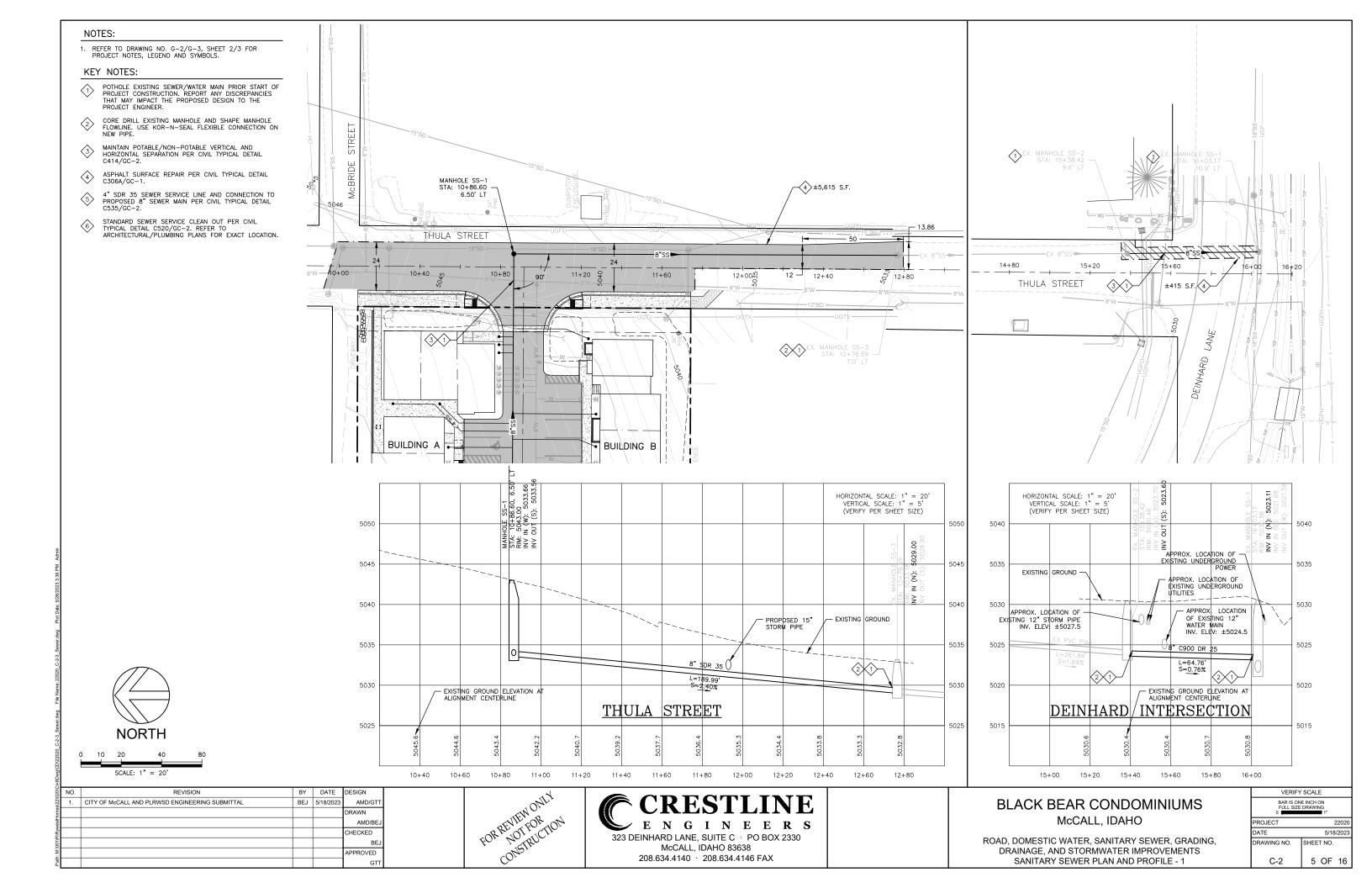
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**GENERAL INFORMATION AND NOTES - 2** 





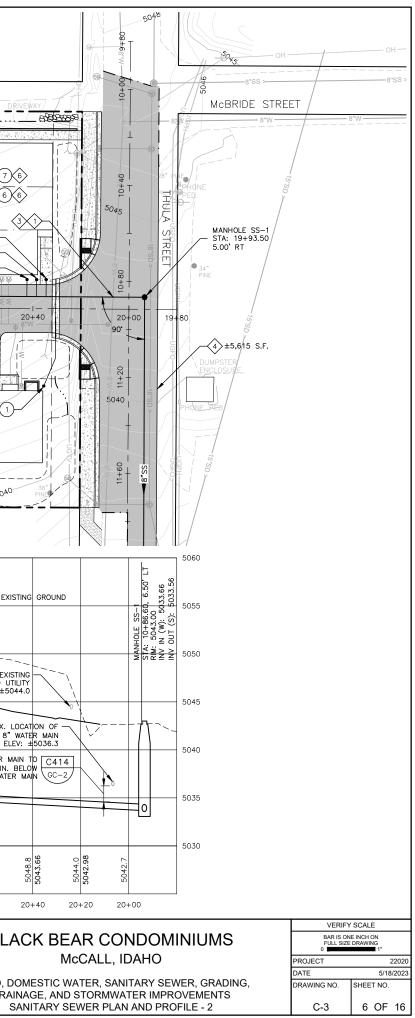


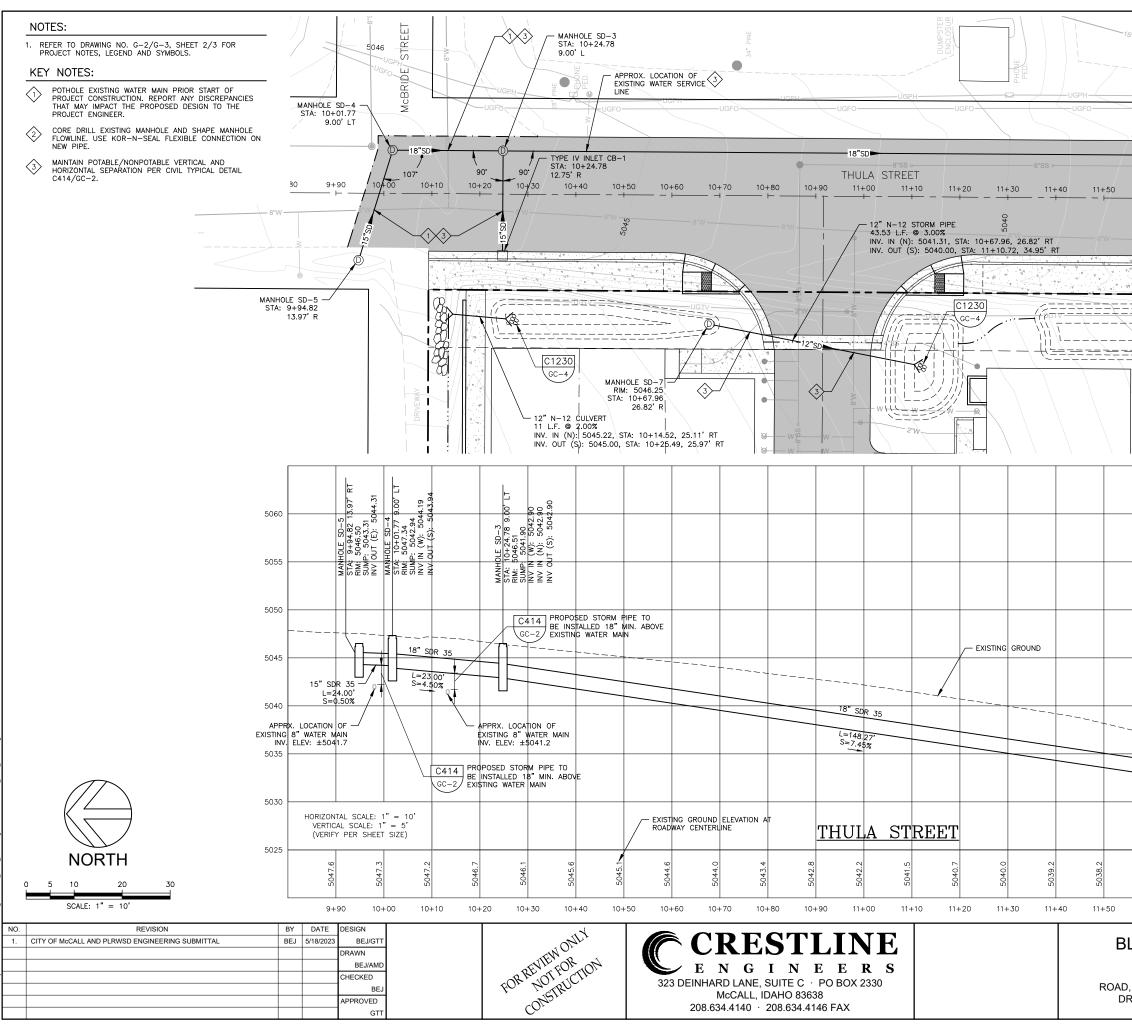
KET NOTES.											
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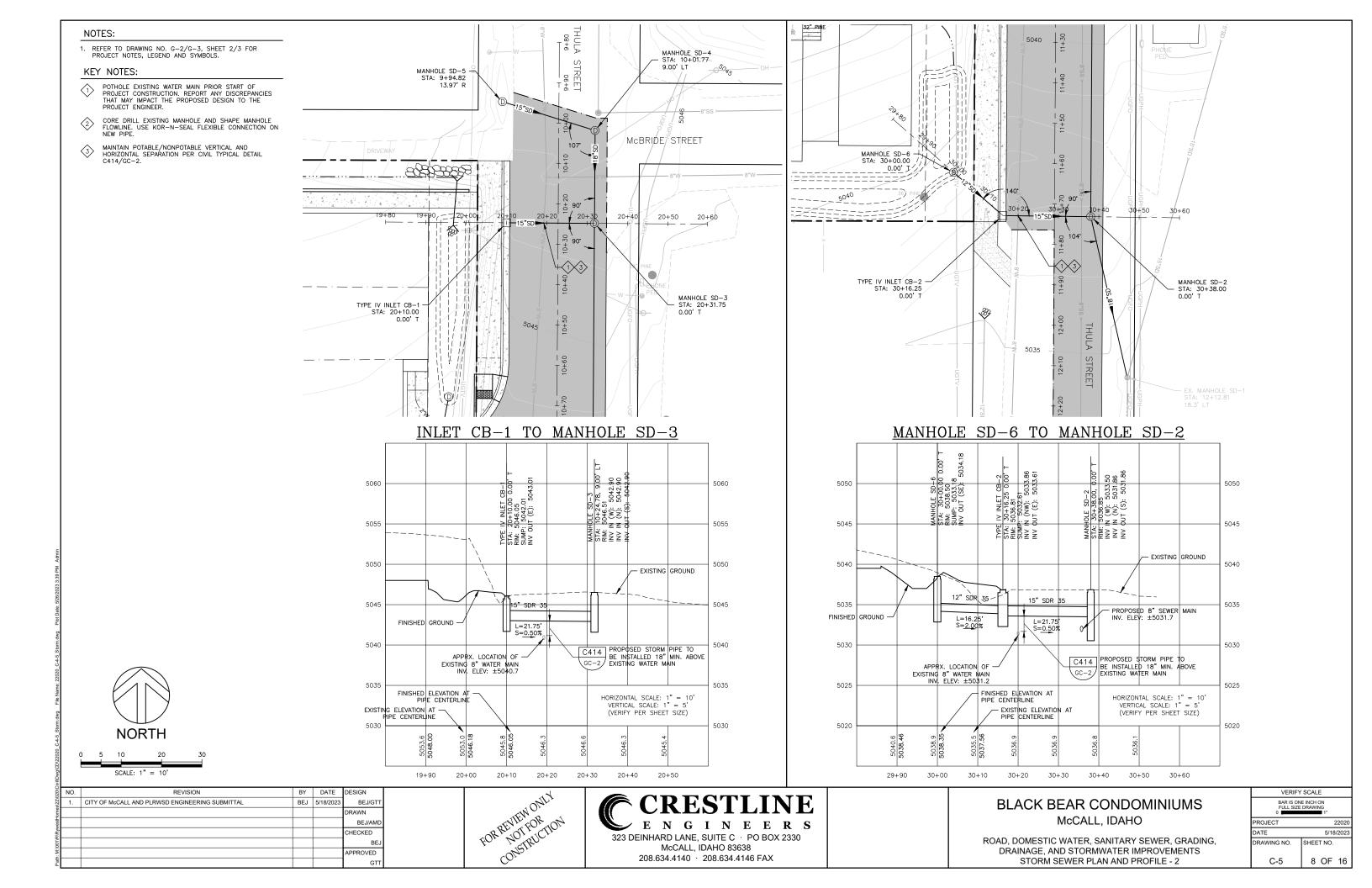
KEY NOTES:

REFER TO DRAWING NO. G-2/G-3, SHEET 2/3 FOR PROJECT NOTES, LEGEND AND SYMBOLS.





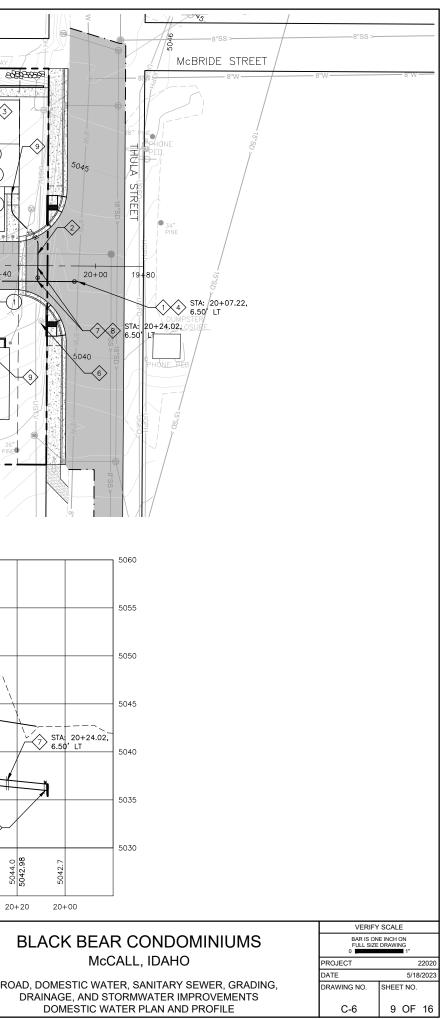
"'SD		· MANHOLE S	·D 0			EX. MANHOLE	
		STA: 11+73 9.00' L				STA: 12+12.8 18.3' LT	
Ug	рн		UGPH			UGPH	
	GFO		HGF0			UGFO	15"SD >
			-18"SD				
< 72"8 90	· 104 <sup>•</sup>		8"SS >				·/
	+70 11+		-90 12-	+00 12-	+10	12+20	12+30 12
	15.	TYPE IV INLE STA: 11+72. 12.75' R	ET CB-2 91	C1230	)		
8"W			z	8"W-		8''W-	
====			· · · · · · · · · · · · · · · · · · ·		-UGTV -		UGTV
					0010		
		— MANHOLE STA: 11+	SD-6			EXISTING 12" Y ±21.5 L.F.	
		25.04' R	02.20	SL	OPE TO	DRAIN AND ADI VERT END SEC	
L \ ittiii	1 1 1						
	! !ii <b>l</b>				1		
							5060
							5055
		Q					
	-2 5 9.00' 86 033.50	5031.86 5031.86					5050
	585. 3.85. 3.85.	n::(s) ⊥ (s)			SD-1 -18.30	45	
					32.81	5030.95 5031.45 5031.45 T: 5031.45 T: 5031.45	5045
					K. MANHO TA: 12+11 M: 5033.		
<u></u>					- <del>(1) (1)</del>	<del>der</del> e	5040
'	+						5035
		18	" SDR 35				-
			=40.84' =1.00%				5030
			-				
							5025
5037.7 5037.0	5036.4	5035.8	5035.3			5034.4	
	+70 11+				+10	نه 12+20	
			12.	- 30 12-			SCALE
			INIUN	ΛS		BAR IS ON FULL SIZE 0	E INCH ON DRAWING 1"
	ICCALL, I				L L	PROJECT	22020 5/18/2023
DOMESTIC W	STORMWA	ATER IMPF	ROVEMEN		ſ	DRAWING NO.	SHEET NO.
STORM SE	WER PLAN	AND PRO	FILE - 1			C-4	7 OF 16

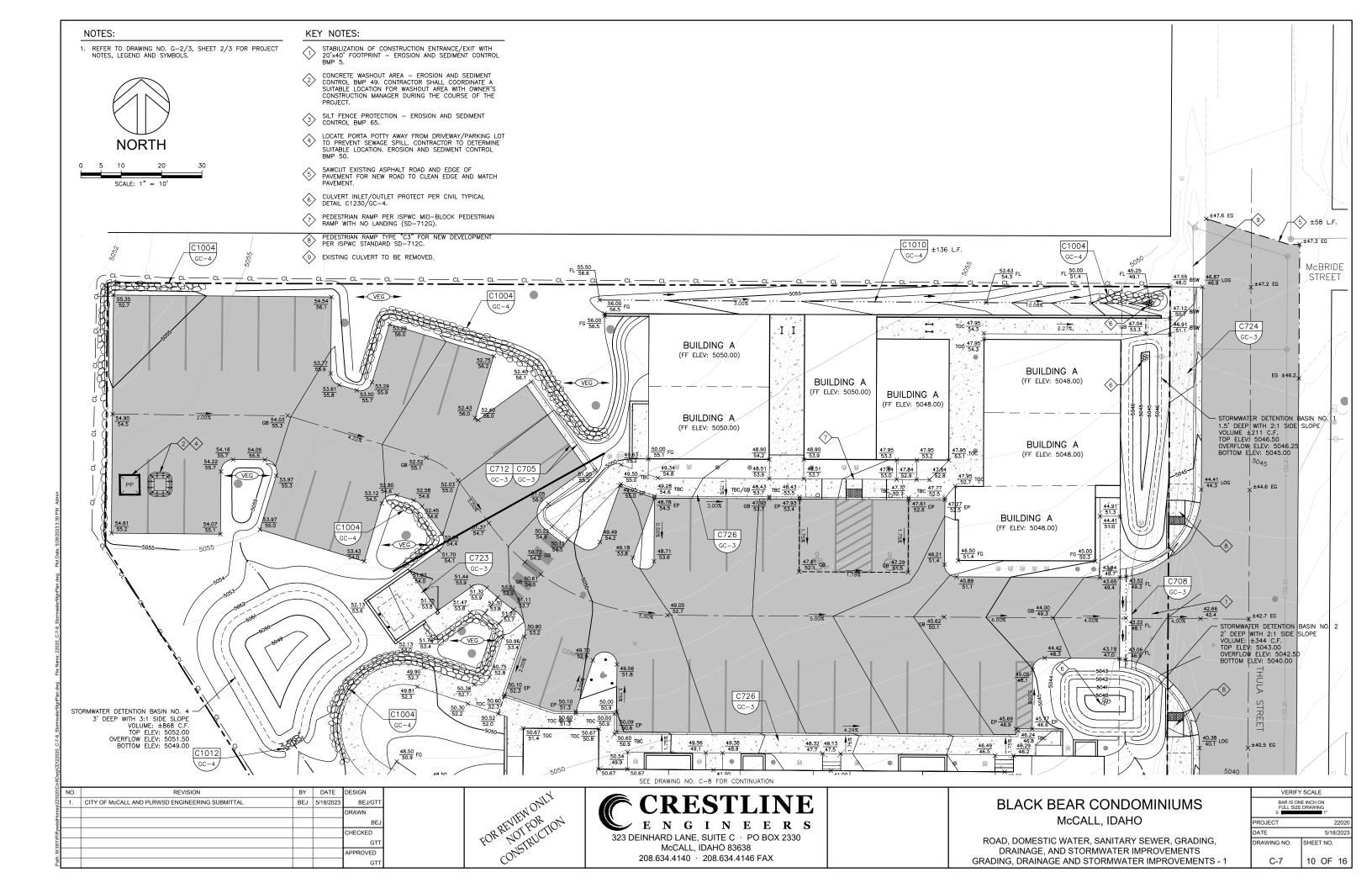


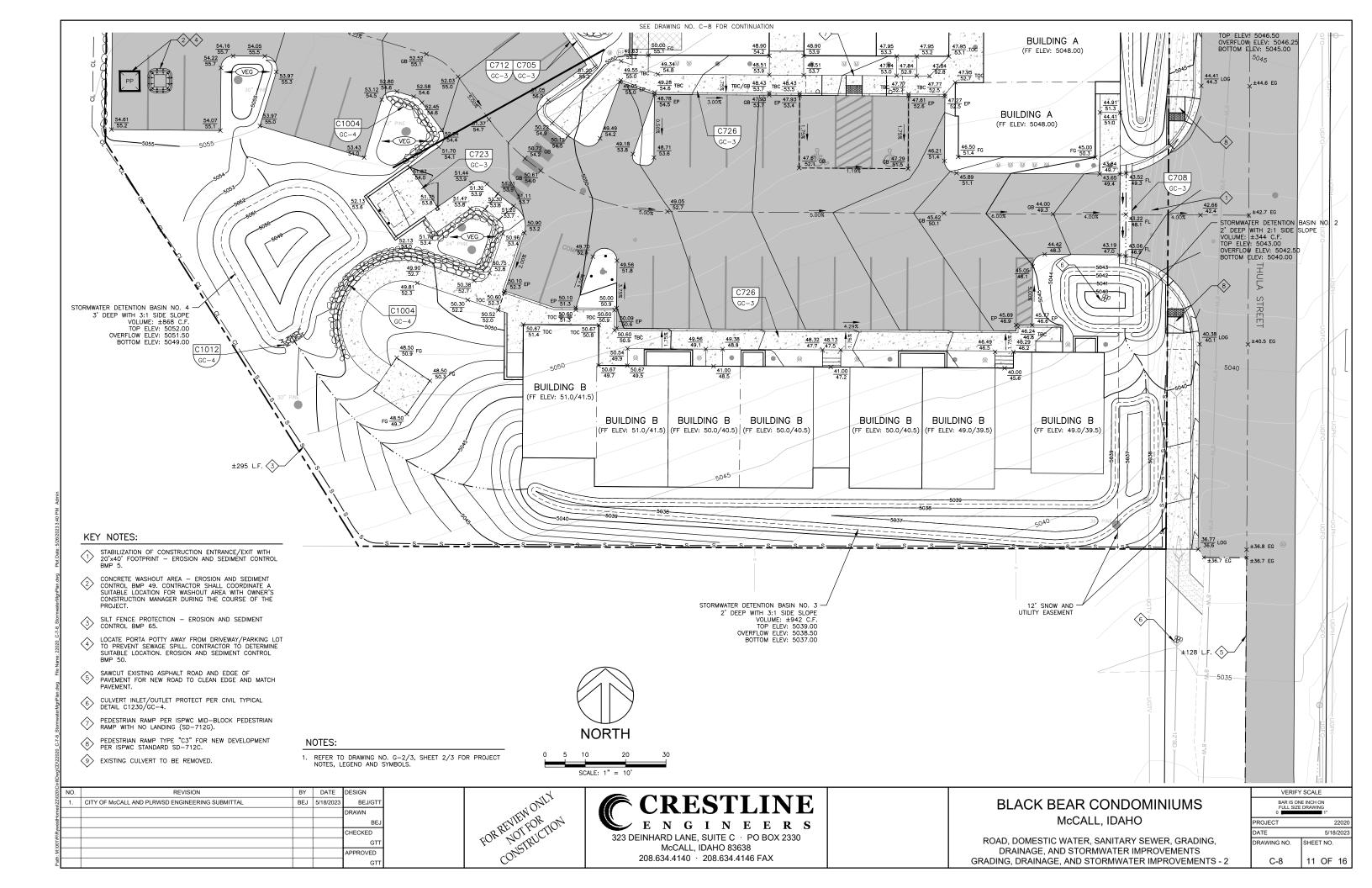
	<ol> <li>ALL WATER SERVICE CONNECTIONS ARE TO BE DOUBLE WATER SERVICE CONNECTION PER CIVIL TYPICAL DETAIL</li> </ol>			9 <del>0</del> 8888888		• <sub>24"</sub>	<b>-</b> - <u>/</u>	
	C404/GC-1 UNLESS OTHERWISE SPECIFIED ON THIS PLAN.							
							14	
	IMPACT THE PROPOSED DESIGN TO THE PROJECT		H		$\sim$ // l			
	HORIZONTAL SEPARATION PER CIVIL TYPICAL DETAIL		23+20	505522+80	22+40			HOV
				30" PINE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	↓↓ 1-8"x8"x8" SST TAPPING SLEEVE			5055				****
	5 1–6"x8" FLxFL REDUCER						SIA: 21+50.63, 55 6.94' LT 8'SS	
							21+20 8'W 8'W	
	✓ 1-2"x8" MNPT SCH 40 316L SS THREADED WELD NIPPLE					9	STA: 20+47.15,	
	SOUTH A STATE AND A STATE A			Ň.	STA: 21+56.37, C 16.85' LT		6.50' LT	
	CONNECTION TO FIRE RISER ROOM. SEE PLUMBING PLANS							
					PINE 5050	(15)		
$\frac{1}{9} \frac{1}{9} \frac{1}$								
$\frac{1}{9} \frac{1}{9} \frac{1}$		EINHAD			ì			=040 36"
$ \frac{1}{9} \frac{1}{29463.5} \frac{1}{412.65^{+} \pi} \frac{1}{12} \frac{1}{2057} \frac{1}{12} \frac{1}{2057} \frac{1}{12} $		"TO LAN.				5045	FENCE	
$ \underbrace{ \begin{array}{c} \hline 0 \\ \hline$								
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $								
20+86.15       ±336.23' LT         (a)       20+66.45         (b)       20+66.47         (c)       20+66.47         (c)       20+66.17         (c)       21+56.34         (c)       21+50.34         (c)       21+50.34         (c)       21+50.34         (c)       21+50.34         (c)       21+50.34         (c)       21+5								
0       20-97-48       \$56.80° FT         10       21+90.44       \$56.79° FT         11       21+90.44       \$56.79° FT         12       21+91.10       \$56.52° IT         11       21+93.94       \$56.68° FT         12       21+93.94       \$56.68° FT         13       21+93.94       \$56.68° FT         14       \$10       21+93.94         15       21+93.94       \$56.68° FT         15       21+93.94       \$56.90° FT         15       20+97.92       21+98.92         16       16       16         17       16       16		5060						
10       21-40-44       25.80/1       11       10-21-45 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
1)       21+11.10       436.23' LT         10       21+39.94       436.23' LT         11       21+39.94       436.23' LT         12       21+39.94       436.23' LT         13       21+39.94       436.23' LT         14       21+31.94       436.63' RT         15       21+43.94       436.67' RT         15       21+43.95       436.94' LT         16       17       9040         16       18' MN. BLOW       CALL: 1' = 20'         16       18' MN. BLOW       CALL: 1' = 20'         17       10' MN CONTROL       19' MN. BLOW       10' MN CONTROL         18' MN. BLOW       19' MN BLOW       10' MN CONTROL       10' MN CONTROL         19' MN CONTROL       10' MN CONTROL       10' MN CONTROL       10' MN CONTROL         19' MN CONTROL       10' MN CONTROL       10' MN CONTROL       10' MN CONTROL		5055			16.85° LT GC-1		EXISTING GROUND	
10       21+38.64       ±36.65' rt         (1)       21+41.94       ±36.67' rt         (1)       21+41.94       ±36.67' rt         (1)       21+48.65       ±36.54' LT         5045       5045         5046       5046         5047       5045         5048       5046         5049       11         10       21+48.65         11       12" STRW PIE/CULVENT         5046       5047         5047       5048         5048       11         11       12" STRW PIE/CULVENT         12" STRW PIE/CULVENT       5045         5049       11         14       14         14       15         15       14         15       15         15       14         15       15         15       15         15       15         16       15         16       16         17       16         16       16         16       16         17       16         16       17         16       16 </td <td>11) 21+11.10 ±36.23' LT</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>FINISHED GRADE</td> <td></td>	11) 21+11.10 ±36.23' LT						FINISHED GRADE	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		5050						~
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	14) 21+41.94 ±36.67' RT					5 STA: 21-		
5040         5040         First State         First S	(15) 21+48.65 ±36.54' LT	5045 —				6.94 <sup>°</sup> LT		
5040         5040         First State         First S							STA: 20+47.15, 7	
$\frac{1}{10 - 20 - 40 - 80}$ $\frac{1}{302 - 22 - 80}$ $\frac{1}{22 + 80}$ $\frac{1}{22 + 80}$ $\frac{1}{22 + 20}$ $\frac{1}{21 + 20$		5040					6.30 LI V	
$\frac{1}{10 - 20 - 40 - 80}$ $\frac{1}{302 - 22 - 80}$ $\frac{1}{22 + 80}$ $\frac{1}{22 + 80}$ $\frac{1}{22 + 20}$ $\frac{1}{21 + 20$				- EXISTING GRC	UND ELEVATION AT			
NORTH     DRIVE WAY     6.50° LT       0     10     20     40     80       SCALE: 1" = 20'     23+00     22+80     22+60     22+40     22+20     21+80     21+60     21+20     21+20     21+20     21+20     21+20     21+20     21+20     20+80     20+40     20+20		5035				P	BE INSTALLED 18" MIN. BELOW ROPOSED STORM PIPE/CULVERT	
NORTH     +			HORIZONTAL SCALE: VERTICAL SCALE: (VERIFY PER SHE		INISHED GROUND ELEVATION AT DRIVEWAY CENTERLINE	DRIVEWAY	STA: 20+0 6.50	17.22, 0' LT 4 1
SCALE: 1" = 20'       23+00       22+80       22+60       22+20       21+80       21+60       21+20       21+20       21+20       20+80       20+40       20+20	NORTH	5030 -	4	5.1 14 5.1 14	5.1 5.1 5.5 5.9 6.7 6.7	85 .6 .6 .6 .6 .6 .6 .6 .6 .5 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2		8.5.8 66 98 98
	0 10 20 40 80		5054	5055 5054 5055 5054 5055 5053	505/ 505/ 505/ 505/ 505/ 505/	5053 5049 5048 5048 5048 5051 5047	5051 5046 5046 5045 5045 5045 5045	5045 5043 5042 5042 5042
D.       REVISION       BY       DATE       DESIGN       DESIGN       AMD/GTT          CITY OF MCCALL AND PLRWSD ENGINEERING SUBMITTAL       BEJ       5/18/2023       AMD/GTT       AMD/GTT       AMD/GTT       Construction       Co						0 21+60 21+40 21+20	21+00 20+80 20+60	20+40 20+20
AMD     AMD       CHECKED     CHECKED       BEJ     BEJ       APPROVED     GTT         GTT     CONSTRUCTION         Y     E     N     G     I     N     E     R     S       S23 DEINHARD LANE, SUITE C · PO BOX 2330     McCALL, IDAHO 83638     McCALL, IDAHO 83638     DR		EJ 5/18/2023 AMD/GTT		TWONLY	CR	ESTLINE	E	BL
BEJ     ID				OR REVIE'FOR		GINEERS		
		APPROVED		the INSTRU-	McC/ 208.634.41	ALL, IDAHO 83638		ROAD, E DRA
		GII		~				

### NOTES:

REFER TO DRAWING NO. G-2/G-3, SHEET 2/3 FOR PROJECT NOTES, LEGEND AND SYMBOLS.







#### NOTES:

- REFER TO DRAWING NO. G-2/3, SHEET 2/3 FOR PROJECT NOTES, LEGEND AND SYMBOLS.
- 2. ALL SIGNS AND STRIPPING TO BE IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ACCESSIBLE SPACE, SYMBOL, SIGN, STRIPING, COLOR PARKING AND PASSENCER LOADING ZONES ARE PER INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 2010 STANDARDS, SECTION 703.7.2.1 (9' STALL, 9' ACCESS 4)(9) AISLE).
- 4. ALL SIGNS TO BE INSTALLED PER ISPWC SD-1130.

STOP

SIGN LEGEND:

R1-1







(12"X18")

(R1-1) CALLOUT NUMBERS COORDINATE TO SIGNS BELOW.

R7-8



R7-8P

VAN



	LINE TABLE												
LINE	LENGTH	BEARING	STARTING NORTHING	STARTING EASTING	END NORTHING	END EASTING							
L1	144.06	N89° 37' 41.39"W	1178311.807	2534039.434	1178312.742	2533895.373							
L2	13.13	N35 51'46.25"W	1178335.519	2533851.157	1178346.159	2533843.465							
L3	35.91	N73 05'13.28"W	1178351.722	2533835.673	1178362.169	2533801.316							
L4	43.45	N89°29'09.44"W	1178362.169	2533801.316	1178362.559	2533757.863							

CURVE	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	51.61	55.00	53.77	N62°44′44″W	49.74
C1	51.61	55.00	53.77	N62° 44' 44"W	49.74
C2	9.75	15.00	37.22	N54°28'30"W	9.57
C2	9.75	15.00	37.22	N54°28'30"W	9.57
C3	34.56	22.00	90.00	N45' 22' 19"E	31.11
C3	34.56	22.00	90.00	N45' 22' 19"E	31.11
C4	4.71	3.00	90.00	S44° 37' 41"E	4.24
C4	4.71	3.00	90.00	S44° 37' 41"E	4.24
C5	3.40	2.00	97.44	N49' 05' 24"E	3.01
C5	3.40	2.00	97.44	N49' 05' 24"E	3.01
C6	1.38	44.00	1.79	S81° 17' 40"E	1.38
C6	1.38	44.00	1.79	S81° 17' 40"E	1.38
C7	3.49	2.00	100.10	S30° 20' 58"E	3.07
C7	3.49	2.00	100.10	S30° 20' 58"E	3.07
C8	5.20	3.00	99.32	N69°21'25"E	4.57
C9	5.03	44.00	6.55	S52 06 27"E	5.03
C10	5.28	3.00	100.83	S3 43 17"W	4.62
C11	1.25	0.50	142.78	S54°28'30"E	0.95
C12	4.71	3.00	90.00	N61° 54' 47"E	4.24
C13	3.85	3.00	73.60	S36°17'11"E	3.59
C14	4.71	3.00	90.00	S45 30' 51"W	4.24
C15	5.57	3.00	106.40	N36'17'11"W	4.80
C16	4.71	3.00	90.00	S61 54' 47"W	4.24
C17	2.60	4.00	37.22	N54°28'30"W	2.55
C18	4.74	3.00	90.58	N9' 25' 36"E	4.26
C19	4.10	3.00	78.39	N86°05'17"W	3.79
C20	9.30	66.00	8.08	N50°55′49"W	9.30
C21	7.06	5.50	73.51	N18 12' 49"W	6.58
C22	4.44	3.00	84.84	N60 57 42"E	4.05
C23	4.04	3.00	77.07	S38 09 53"E	3.74
C24	4.71	3.00	90.00	N45°22'19"E	4.24
C25	34.56	22.00	90.00	S44* 37' 41"E	31.11
C26	30.05	10.50	164.00	S26 32 29"W	20.80
C27	4.71	3.00	90.00	S63 32 28"W	4.24

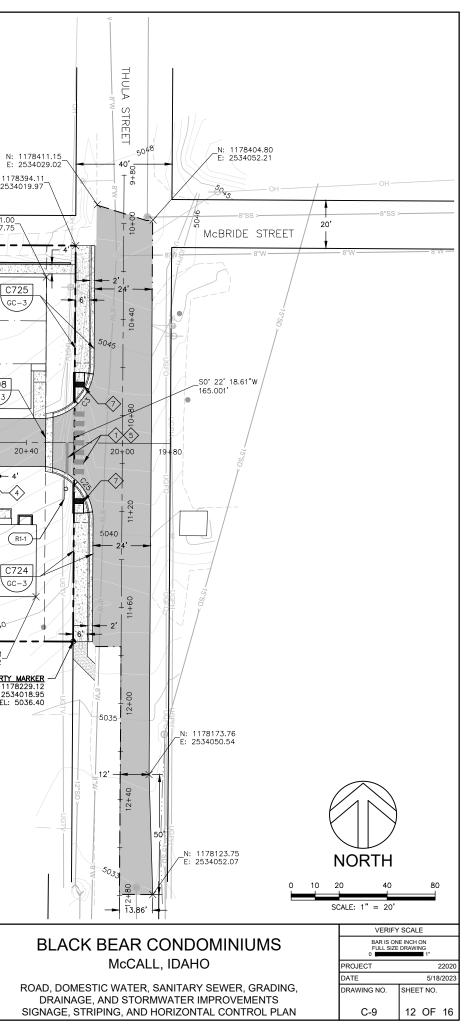
N: 1178392.06 SURVEYOR CORNER MARKER N: 117407.56 EL: 5051.96	N: 1178387.43 E: 2533890.79	N: 1178387.22 E: 2533947.29	N: 1178394.11 E: 2534019.97
E: 2533758.13		<u>589' 47' 43.14"E</u> 263.314'	N: 1178381.00 E: 2534007.75
N0' 30' 50.56"E 65.002' 59' 22' L4	6 <sup>°2</sup>		± DING A
23+20			
N: 1178333.06 E: 2533757.60			
C2050 GC-4	12' C21 18'	$\begin{array}{c} 22' \\ -21+20 \\ \hline \\ $	2.
100, 5' 100, 5	23.41 5' 4.23' 5'	99'	
N: 1178268.29 E: 2533822.59 N: 1178262.59	10'	BUILDING	GC-3
			5040
N: 1178229.84 E: 2533818.81 EL: 5046.58	•	<u>N89'</u> <u>47'</u> <u>43.14"W</u> 200.147'	N: 1178247.81_ E: 2534003.42
D WHITE STOP BAR PAVEMENT	: 1178251.75_/ : 2533859.44	N: 1178244.28_/ E: 2533931.39	SURVEYOR PROPERTY MARKER - N: 1178229.12 E: 2534018.95 EL: 5036.40
MUTCH SECTION 38.10.			2

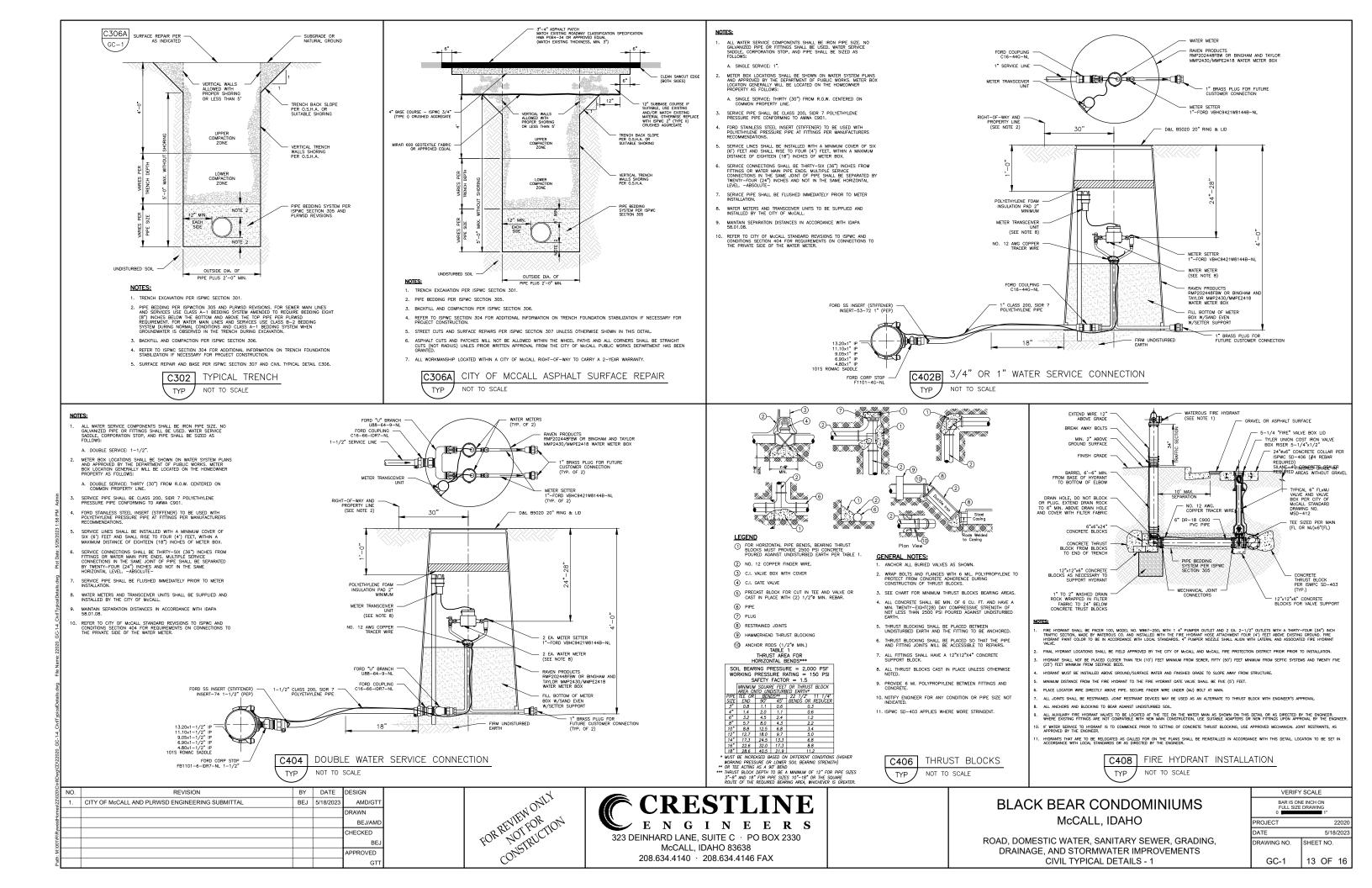
### KEY NOTES:

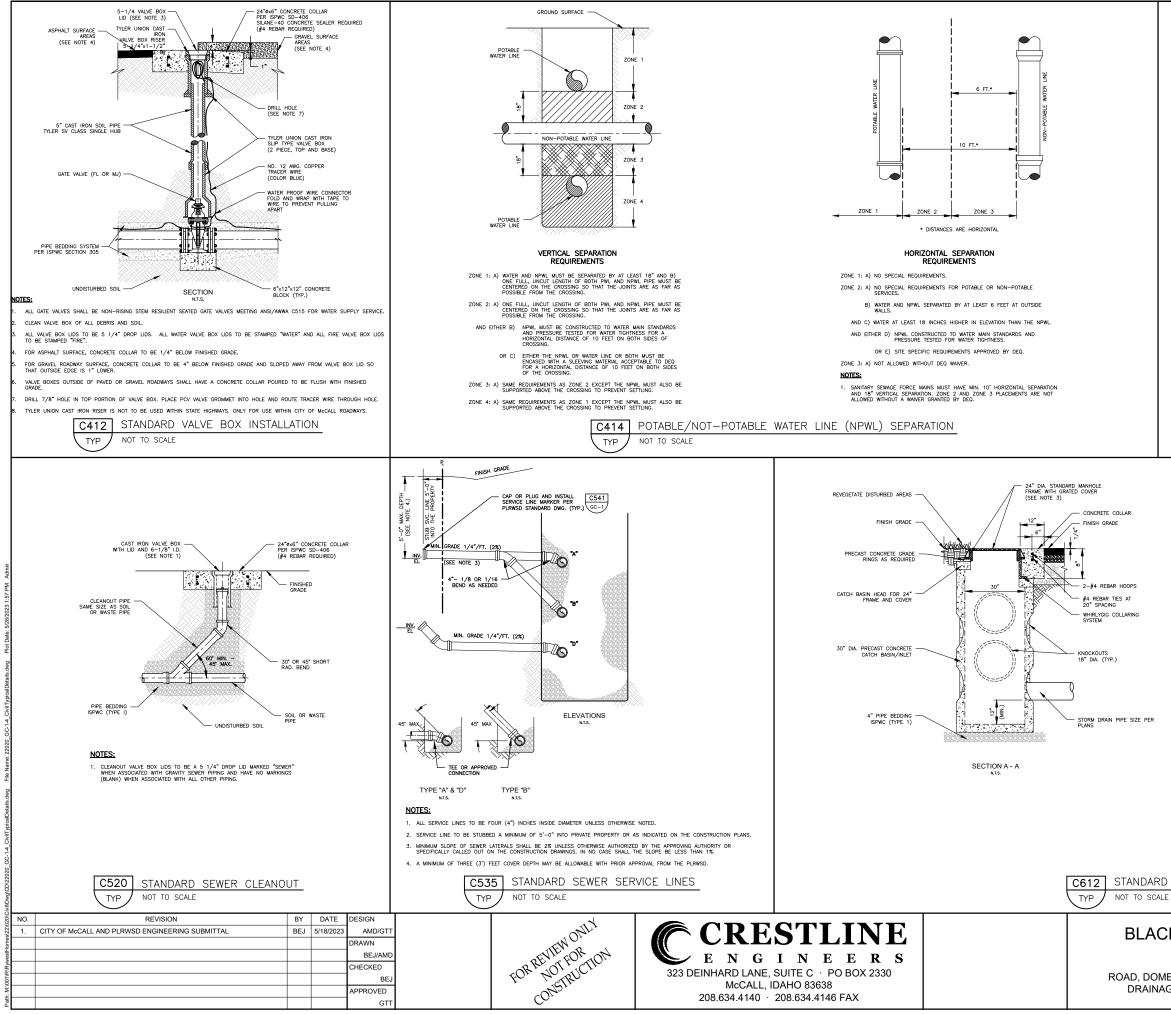
- 12" WIDE SOLID WHI MARKINGS PER MUTC  $\langle 1 \rangle$
- $\stackrel{\scriptstyle <}{\textstyle 2}$  4" wide solid white line pavement markings per mutch section 3B.04.
- 3 ACCESSIBLE AND PARKING SPACE MARKINGS PER MUTCD SECTIONS 3B.18 AND 3B.19 AND NOTE 3.
- 4" WIDE SOLID WHITE LANE PAVEMENT MARKINGS PER MUTCD SECTION 3B.04 AT SIXTY (60') DEGREE ANGELS SPACED TWO (2') FEET APART.  $\langle 4 \rangle$
- 24" WIDE SOLID WHITE PEDESTRIAN CROSSWALK PAVEMENT MARKINGS PER MUTCD SECTION 3B.04. PAINT PER PLAN 48" O.C.
- PEDESTRIAN RAMP PER ISPWC MID-BLOCK

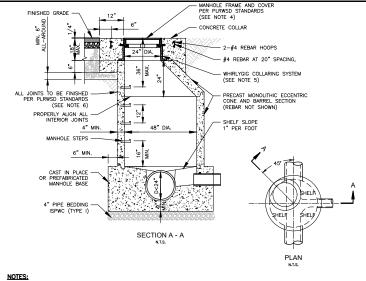
   PEDESTRIAN RAMP WITH NO LANDING (SD-712G).
- PEDESTRIAN RAMP TYPE "C3" FOR NEW DEVELOPMENT PER ISPWC STANDARD SD-712C.  $\Diamond$
- TRASH INCLOSURE FENCE/WALL. SEE ARCHITECTURAL PLANS FOR DETAILS

020/C	NO.	REVISION	BY	DATE	DESIGN		4		
s\22\	1.	CITY OF McCALL AND PLRWSD ENGINEERING SUBMITTAL	BEJ	5/18/2023	AMD/GTT		alle		BL
ome					DRAWN		EWO		
vestH					AMD		REVIETEORTON	<b>ENGINEERS</b>	
R/N					CHECKED		ORKNOTTUCTIC	323 DEINHARD LANE, SUITE C · PO BOX 2330	
001/6					BEJ	FU	O. TO TRU	McCALL, IDAHO 83638	ROAD,
-W -					APPROVED		Obsi	208.634.4140 · 208.634.4146 FAX	DR
Pati					GTT		<u>(</u> e	208.034.4140 * 208.034.4140 PAX	SIGNA

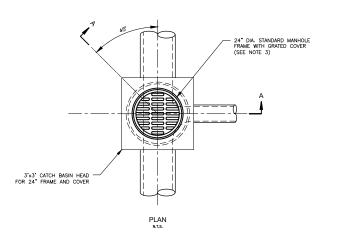








- 1. OPTIONAL PREFABRICATED MANHOLE BASE WITH APPROVED PIPE CONNECTIONS MAY BE USED WITH ENGINEERS APPROVAL
- 2. PLACE VERTICAL WALL ON UPSTREAM SIDE OF MANHOLE, ROTATED 45 DEGREES. WHERE PVC PIPE IS UTILIZED, INSTALL A RUBBER RING OR GASKET COLLAR WHERE THE PIPE IS IN CONTACT WITH MANHOLE BASE AND/OR MANHOLE CHANNEL, IN ORDER TO INSURE A WATERTIGHT SEAL.
- ALL MANHOLES TO HAVE CAST-IRON DUST PANS CONSTRUCTED WITH INTEGRAL MACHINED FLANGES CAST INTO THE FRAME DUST PANS TO HAVE A RAISED DRAIN HOLE AND WIRE LIFTING STRAP, MANHOLE COVER TO BE STAMPED "PLWSD SEVER", FRAMES, COVERS, AND DUSTRANS TO BE MANUFACTURED BY KITS FOUNDRY & MACHINE, INC. (208-357-7773)
- "WHIRLYGIG" COLLARING SYSTEM REQUIRED ON ALL MANHOLES IN PLACE OF CONCRETE GRADE RINGS, JOINT BETWEEN WHIRLYGIG COLLARING SYSTEM (BOTTOM OF PLASTIC FLANGE) AND TOP OF MANHOLE CONE SHALL BE SEALED WITH "VULKEM INFS HIGH-PERFORMANCE FOLYURETHANE SEALANT.
- ALL MANHOLE JOINTS TO INCLUDE CON-SEAL "CS-102 BUTYL RUBBER SEALANT," "VULKEM 116" HIGH-PERFORMANCE POLYURETHANE SEALANT, AND BE GROUTED (INSIDE & OUT) USING DAYTON 1107 ADVANTAGE, SPECCHEM SC MULTPUR GROUT, OR CAULA APPROVED BY PIRWSD, EXTERIOR MANHOLE JOINTS TO BE COVERED WITH NINE (9") INCH WIDE NH-SHELD GATER WRAP AFTER GROUTING. MULTIPURPOSE
- 7. PROVIDE MANHOLE CONCRETE REINFORCING TO ACCOMMODATE TRAFFIC LOADS



#### NOTES:

- CATCH BASIN STRUCTURE, FRAME, AND LID SHALL BE CONSTRUCTED TO SUPPORT H-20 TRAFFIC LOADING.
- ALL CATCH BASIN JOINTS TO INCLUDE CON-SEAL "CS-320 MASTIC," AND BE GROUTED (INSIDE & OUT) USING QUIKRETE "NON-SHRINK GENERAL PURPOSE GROUT." EXTERIOR MANHOLE JOINTS TO BE COVERED WITH PRESS SEAL "EX-WARP" BUTYL ADHESINE TAPE AFTER GROUTING, PRIME JOINT SURFACE USING A SPRAY ADHESIVE PRIOR TO EZ-WRAP APPLICATION.
- 3. REFER TO CONSTRUCTION PLANS FOR DETAILS PERTAINING TO GRATED AND/OR SOLID COVER TYPES. SOLID COVERS TO BE STAMPED "STORM DRAIN."

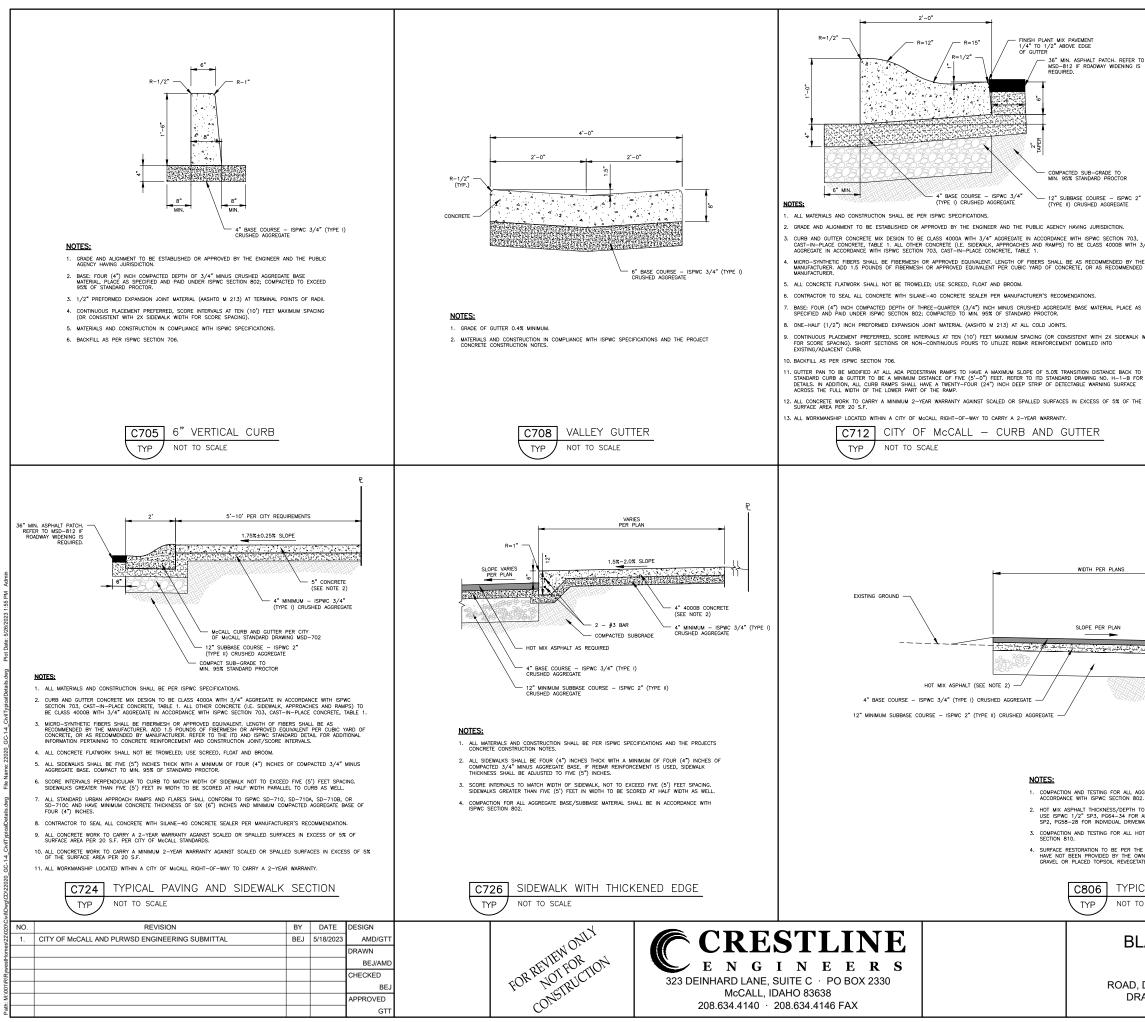
C612 STANDARD CATCH BASIN

## **BLACK BEAR CONDOMINIUMS** McCALL, IDAHO

ROAD, DOMESTIC WATER, SANITARY SEWER, GRADING, DRAINAGE, AND STORMWATER IMPROVEMENTS CIVIL TYPICAL DETAILS - 2

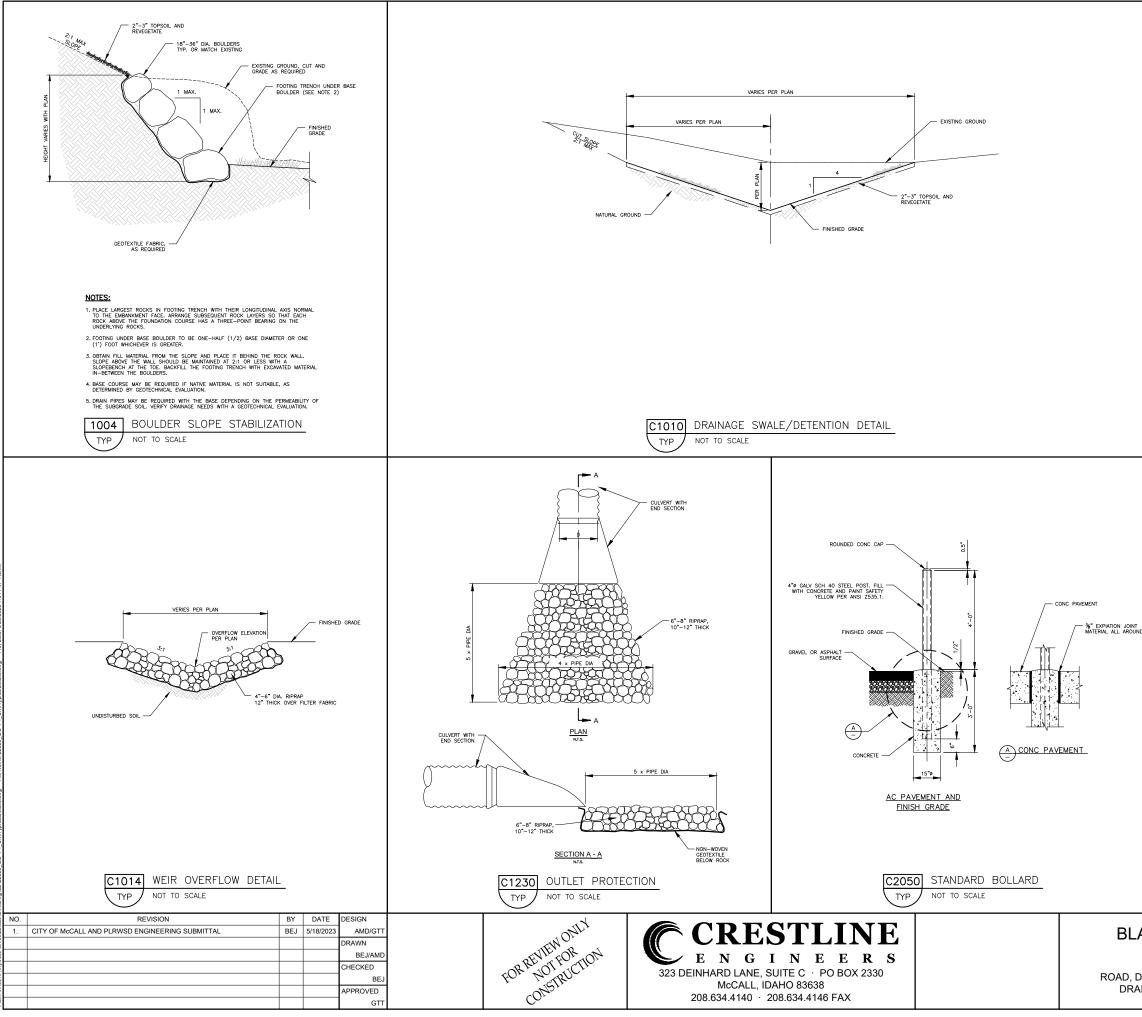
BAR IS ONE INCH ON FULL SIZE DRAWING 0					
PROJECT	22020				
DATE	5/18/2023				
DRAWING NO.	SHEET NO.				
GC-2	14 OF 16				

VERIFY SCALE



GT

R TO IS		
2"	6" 4,000 PSI CONCRETE	/ ∰4 BAR SPACED 24" EACH WAY AUM ISPWC 3/4" (TYPE I) D AGGREGATE 3GRADE
3, H 3/4" THE DED BY AS LK WIDTH	NOTES: 1. REBAR SHOULD BE PLACED ON A CRISS-CROSS PATTERN AND WIRE, WIRE OR REBAR SHOULD BE SET ON "CHAIRS'SO IT ST MODULE OF THE SLAB. 2. EXPANSION JOINTS TO BE PLACED/LOCATED AT A MAXIMUM OF SPACING, JOINTS TO BE APPROXIMATELY 1/8" WIDE, 3/4" IN PINISHED/EDGED SMOOTH. 3. COMPACTION AND TESTING FOR ALL AGGREGATE BASE/SUBBASI SHALL BE IN ACCORDANCE WITH ISPWC SECTION 802.	· FIVE (5') FEET DEPTH AND
TO FOR E	C723 TRASH ENCLOSURE CONCR	ETE SLAB
	FINISHED GRADE SURFACE RESTORATION (SEE NOTE 4)	
	VARIES 1 COMPACTED SUBGRADE	
B02. I TO BE PE IR ALL ROA /EWAY APPF HOT MIX A THE PROJE OWNER, SU	E BASE/SUBBASE MATERIAL SHALL BE IN DS/MAIN DRIVENAY SURFACES AND ISPNC 1/2" KOCHES TO RESIDENCES. SPHALT SHALL BE IN ACCORDANCE WITH ISPNC CTS LANDSCAPING PLANS. IF LANDSCAPE PLANS RFACE RESTORATION SHALL INCLUDE 2'-3" OF H A NATIVE SEED MIXTURE PER AS INDICATED.	
PICAL to sca	PAVING SECTION	
LAC	CK BEAR CONDOMINIUMS McCALL, IDAHO	VERIFY SCALE BAR IS ONE INCH ON FULL SIZE DRAWING O PROJECT 22020 DATE 5/18/2023
	IESTIC WATER, SANITARY SEWER, GRADING, GE, AND STORMWATER IMPROVEMENTS CIVIL TYPICAL DETAILS - 3	DRAWING NO. SHEET NO. GC-3 15 OF 16



VERIES PER PLAN VERIES PER PLAN 4', VERIES PER PLAN 4', VERIES PER PLAN 4', VERIES PER PLAN VERIES P	4"-6" DIA. RIPRAP 12" THICK OVER FIL	
C1012 TYPICAL OVERFLOW DETA	AIL_	
	VERIFY BAR IS ON FULL SIZE PROJECT DATE DRAWING NO.	
RAINAGE, AND STORMWATER IMPROVEMENTS CIVIL TYPICAL DETAILS - 4	GC-4	16 OF 16