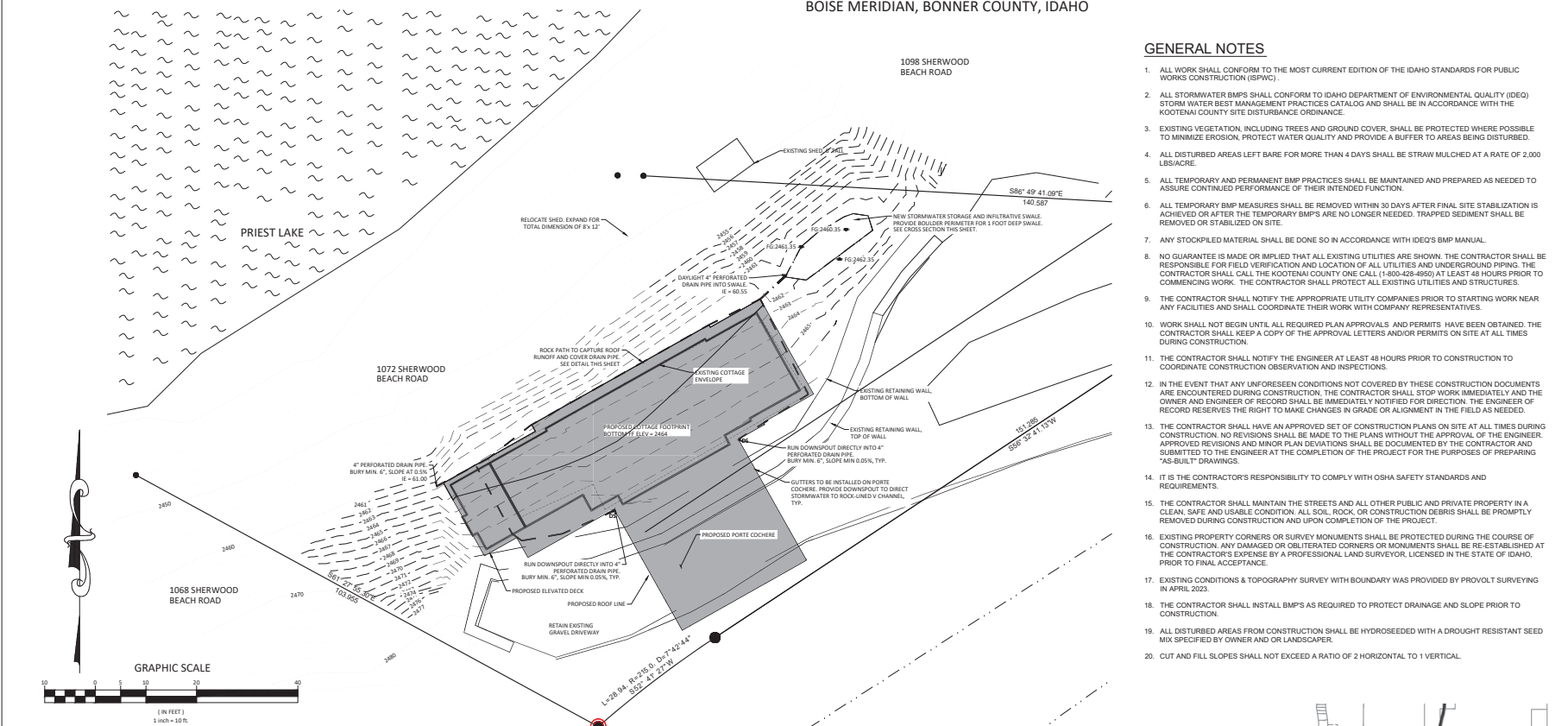


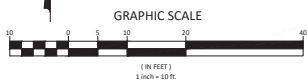
STORMWATER MANAGEMENT PLAN

STATE SUBDIVISION - KOKANEE POINT FIRST ADDITION
A PORTION OF GOV'T LOT 3 OF SECTION 3, TOWNSHIP 59 NORTH, RANGE 4 WEST,
BOISE MERIDIAN, BONNER COUNTY, IDAHO



GENERAL NOTES

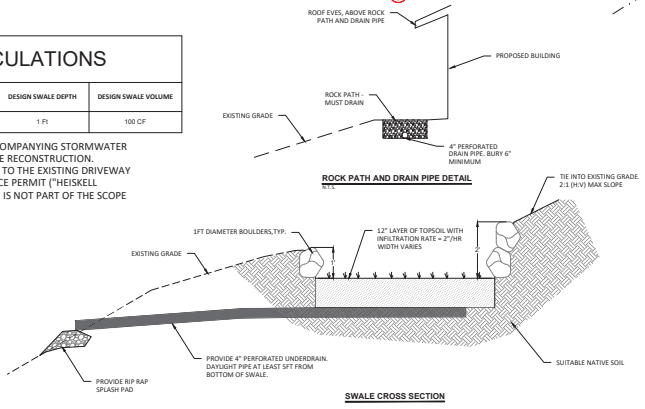
- ALL WORK SHALL CONFORM TO THE MOST CURRENT EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (SPWC).
- ALL STORMWATER BMPs SHALL CONFORM TO IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY (IDEO) STORM WATER BEST MANAGEMENT PRACTICES CATALOG AND SHALL BE IN ACCORDANCE WITH THE KOOTENAI COUNTY SITE DISTURBANCE ORDINANCE.
- EXISTING VEGETATION, INCLUDING TREES AND GROUND COVER, SHALL BE PROTECTED WHERE POSSIBLE TO MINIMIZE EROSION, PROTECT WATER QUALITY AND PROVIDE A BUFFER TO AREAS BEING DISTURBED.
- ALL DISTURBED AREAS LEFT BARE FOR MORE THAN 4 DAYS SHALL BE STRAW MULCHED AT A RATE OF 2,000 LBS/ACRE.
- ALL TEMPORARY AND PERMANENT BMP PRACTICES SHALL BE MAINTAINED AND PREPARED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
- ALL TEMPORARY BMP MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMPs ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE.
- ANY STOCKPILED MATERIAL SHALL BE DONE SO IN ACCORDANCE WITH IDEO'S BMP MANUAL.
- NO GUARANTEE IS MADE OR IMPLIED THAT ALL EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION AND LOCATION OF ALL UTILITIES AND UNDERGROUND PIPING. THE CONTRACTOR SHALL CALL THE KOOTENAI COUNTY ONE CALL (1-800-428-4950) AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND STRUCTURES.
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANIES PRIOR TO STARTING WORK NEAR ANY FACILITIES AND SHALL COORDINATE THEIR WORK WITH COMPANY REPRESENTATIVES.
- WORK SHALL NOT BEGUN UNTIL ALL REQUIRED PLAN APPROVALS AND PERMITS HAVE BEEN OBTAINED. THE CONTRACTOR SHALL KEEP A COPY OF THE APPROVAL LETTERS AND/OR PERMITS ON SITE AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO CONSTRUCTION TO COORDINATE CONSTRUCTION OBSERVATION AND INSPECTIONS.
- IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE CONSTRUCTION DOCUMENTS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP WORK IMMEDIATELY AND THE OWNER AND ENGINEER OF RECORD SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION. THE ENGINEER OF RECORD RESERVES THE RIGHT TO MAKE CHANGES IN GRADE OR ALIGNMENT IN THE FIELD AS NEEDED.
- THE CONTRACTOR SHALL HAVE AN APPROVED SET OF CONSTRUCTION PLANS ON SITE AT ALL TIMES DURING CONSTRUCTION. NO REVISIONS SHALL BE MADE TO THE PLANS WITHOUT THE APPROVAL OF THE ENGINEER. APPROVED REVISIONS AND MINOR PLAN DEVIATIONS SHALL BE DOCUMENTED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AT THE COMPLETION OF THE PROJECT FOR THE PURPOSES OF PREPARING "AS-BUILT" DRAWINGS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH OSHA SAFETY STANDARDS AND REQUIREMENTS.
- THE CONTRACTOR SHALL MAINTAIN THE STREETS AND ALL OTHER PUBLIC AND PRIVATE PROPERTY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SOIL, ROCK, OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT.
- EXISTING PROPERTY CORNERS OR SURVEY MONUMENTS SHALL BE PROTECTED DURING THE COURSE OF CONSTRUCTION. ANY DAMAGED OR OBLITERATED CORNERS OR MONUMENTS SHALL BE RE-ESTABLISHED AT THE CONTRACTOR'S EXPENSE BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF IDAHO, PRIOR TO FINAL ACCEPTANCE.
- EXISTING CONDITIONS & TOPOGRAPHY SURVEY WITH BOUNDARY WAS PROVIDED BY PROVOLT SURVEYING IN APRIL 2023.
- THE CONTRACTOR SHALL INSTALL BMPs AS REQUIRED TO PROTECT DRAINAGE AND SLOPE PRIOR TO CONSTRUCTION.
- ALL DISTURBED AREAS FROM CONSTRUCTION SHALL BE HYDROSEEDING WITH A DROUGHT RESISTANT SEED MIX SPECIFIED BY OWNER AND OR LANDSCAPER.
- CUT AND FILL SLOPES SHALL NOT EXCEED A RATIO OF 2 HORIZONTAL TO 1 VERTICAL.



STORMWATER CALCULATIONS

NEW COTTAGE AND PORTE COCHERE IMPERVIOUS AREA	3" METHOD STORAGE REQUIREMENT	DESIGN SWALE AREA	DESIGN SWALE DEPTH	DESIGN SWALE VOLUME
2,325 SF	97 CF	100 SF	1 Ft	100 CF

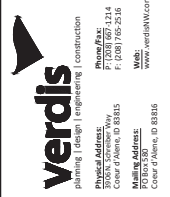
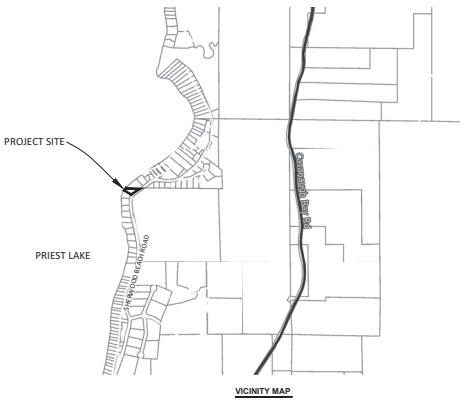
NOTE: THIS STORMWATER MANAGEMENT PLAN AND ITS ACCOMPANYING STORMWATER CALCULATIONS ACCOUNT FOR ONLY THE PROPOSED COTTAGE RECONSTRUCTION. STORMWATER MANAGEMENT FOR CONSTRUCTION RELATED TO THE EXISTING DRIVEWAY WAS PREVIOUSLY ADDRESSED BY SEPARATE SITE DISTURBANCE PERMIT ("HEISKELL PARKING PAD" SITE DISTURBANCE PLAN IN 02/21/2020), AND IS NOT PART OF THE SCOPE OF THIS STORMWATER MANAGEMENT PLAN.



LEGEND

- FINISHED GRADE CONTOURS
- EXISTING GRADE CONTOURS
- FINISHED GRADE SPOT ELEVATION
- FLOWING SPOT ELEVATION, FINISHED GRADE AT BOTTOM OF ROCK LINED V-CHANNEL
- DOWNPOUT
- ROCK LINED V-CHANNEL
- STORMWATER DRAINAGE BASIN

- NOTE:
- WALL HEIGHT VARIES. APPROXIMATE HEIGHT = 15FT. SEE C.2 FOR MORE DETAILED ELEVATION INFORMATION
 - RETAIN AND PROTECT EXISTING STORMWATER FEATURES REQUIRED BY THE EXISTING DRIVEWAY DESIGN.



02/08/2024

HEISKELL COTTAGE 1072 SHERWOOD BEACH ROAD STORMWATER MANAGEMENT PLAN

DATE: 02/08/2024
JOB: 22-1143
DRAWN: APB
CHECKED: MLP

REVISIONS:

NO.	DESCRIPTION:

PROJECT:
HEISKELL COTTAGE

PROJECT ADDRESS:
1072 SHERWOOD BEACH RD
COOLIN, ID 83821

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