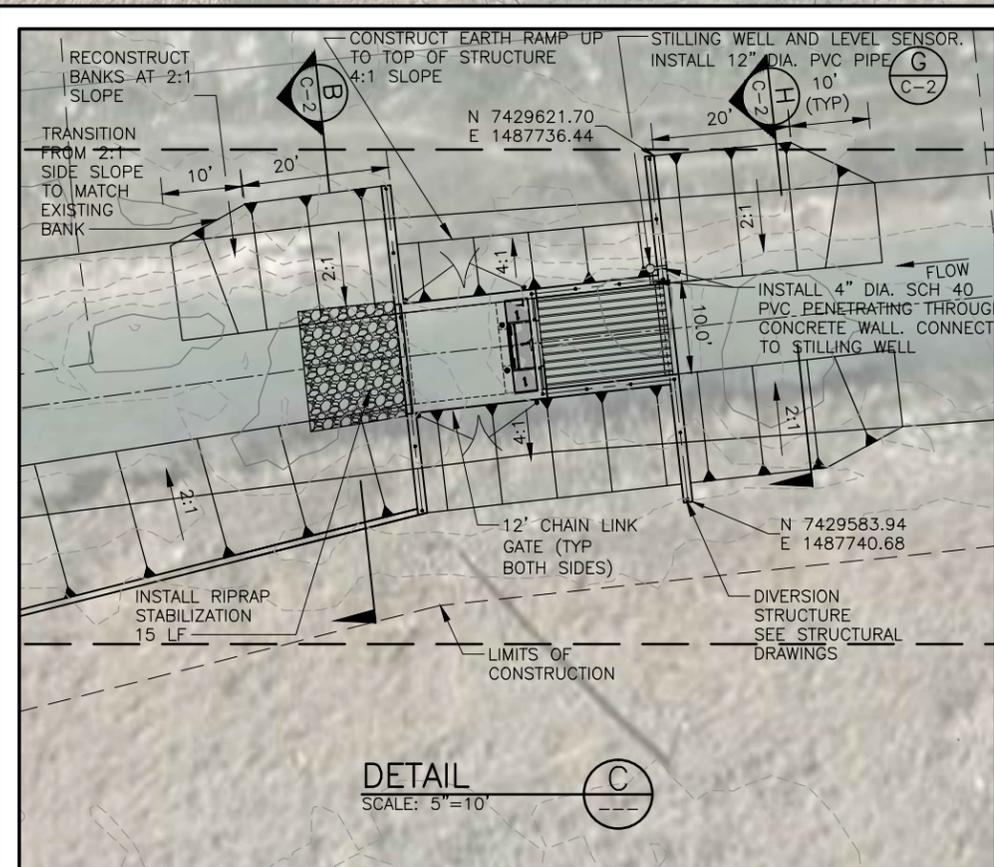


**DETENTION BASIN**  
 DETENTION VOLUME=49 ACRE-FT  
 (WATER SURFACE EL 4243.00)

- NOTES:**
1. PRESERVE AND PROTECT EXISTING WETLANDS.
  2. THE CONTRACTOR SHALL LIMIT CONSTRUCTION ACTIVITIES TO THE AREAS DESIGNATED ON THE DRAWINGS AND THE ACCESS ROADS AND SHALL PRESERVE AND PROTECT ALL VEGETATION AND RIPARIAN AREAS OUTSIDE OF LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO AS GOOD AS OR BETTER THAN PRECONSTRUCTION CONDITIONS.
  3. PRESERVE AND PROTECT EXISTING CANAL CHANNEL INCLUDING TOPS OF BANKS. CONTRACTOR SHALL NOT ALLOW ANY MATERIAL TO BE SLOUGHED OFF OR DUMPED INTO THE CHANNEL. THE CONTRACTOR, AT HIS OWN COST, SHALL REPAIR ANY RUTTING OR SLOUGHING WITHIN THE CHANNEL OR THE TOP OF BANK AND SHALL REMOVE ANY MATERIAL THAT HAS SLOUGHED INTO THE CHANNEL.
  4. ALL DISTURBED AREAS SHALL BE REVEGETATED WITH NATIVE SPECIES. THE CONTRACTOR SHALL SUBMIT A SEED MIX DESIGN TO BE APPROVED BY THE ENGINEER BEFORE PERFORMING ANY RESEEDING.
  5. THE CONTRACTOR SHALL FOLLOW ALL CITY, COUNTY, AND STATE REQUIREMENTS FOR WORKING ADJACENT TO AND IN THE CANAL. THIS INCLUDES REQUIREMENTS SET FORTH IN THE COUNTY FLOOD CONTROL PERMIT AND THE NATIONWIDE PERMIT (NWP) WITH THE ARMY CORPS OF ENGINEERS.
  6. THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT THE INTRODUCTION OR TRANSFER OF NOXIOUS WEEDS. THESE REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO, CLEANING CONSTRUCTION EQUIPMENT, INCLUDING SHORING MATERIALS, SO THEY ARE FREE OF DIRT AND DEBRIS BEFORE ENTERING THE SITE, AND ALSO CLEANING EQUIPMENT BEFORE LEAVING THE SITE. IMPORT FILL MATERIAL SHALL BE FREE FROM FINES, WASTE, POLLUTANTS, AND NOXIOUS WEEDS/SEEDS. THE CONTRACTOR SHALL MONITOR THE SITE AND PERFORM ANY NECESSARY MAINTENANCE THROUGHOUT THE DURATION OF THE WARRANTY PERIOD TO VERIFY THAT NO NEW NOXIOUS WEEDS OR INVASIVE SPECIES ARE SPREADING.
  7. EXCAVATED MATERIAL AND CONSTRUCTION DEBRIS SHALL NOT BE WASTED IN ANY STREAM CHANNEL OR PLACED IN FLOWING WATERS OR WETLANDS. EXCESS MATERIALS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO STATE STANDARDS. CONSTRUCTION MATERIALS, BEDDING MATERIAL, EXCAVATED MATERIAL SHALL NOT BE STOCK PILED IN RIPARIAN OR CHANNEL AREAS.
  8. REMOVE AND PROPERLY DISPOSE OF TREES AND VEGETATION IN BANK STABILIZATION AREA THAT CANNOT REMAIN DUE TO GEOMETRY OR CONSTRUCTION REQUIREMENTS.
  9. SEE GENERAL NOTE 19 ON DRAWING G-3 FOR DEWATERING AND CANAL FLOW HANDLING REQUIREMENTS.
  10. ANTICIPATE WET SOIL CONDITIONS IN EXCAVATIONS INCLUDING IN THE CANAL AND ADJACENT TO THE CANAL. SEE SITE PREPARATION NOTE 5 ON DWG NO. GS-1 FOR SUBGRADE PREPARATION REQUIREMENTS.



**Bowen Collins & Associates, Inc.**  
CONSULTING ENGINEERS

PROFESSIONAL ENGINEER  
S. BRIAN ROMRELL  
5568919  
Date of Issue: 2-02-2015

NO.	DATE	REV. BY	DESCRIPTION

**VERIFY SCALE**  
BAR IS ONE INCH ON ORIGINAL DRAWING

**REVIEW**  
CHECKED: C. BAGLEY  
APPROVED: C. BAGLEY

**DESIGN**  
DESIGN: B. ROMRELL  
DRAWN: R. GARCIA

**WEST VALLEY CITY**  
WEST VALLEY, UTAH

**RITER CANAL DETENTION STRUCTURE**

**CIVIL**

**SITE PLAN**

DATE: FEBRUARY 2015      PROJECT NUMBER: 007-13-01

DRAWING NO. **C-1**

SHEET **4** OF **19**