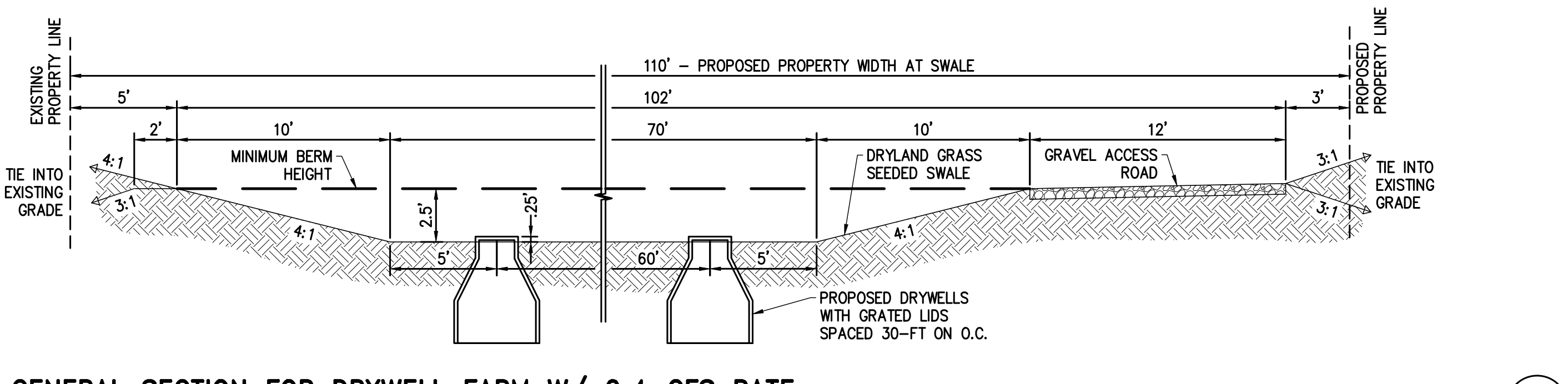
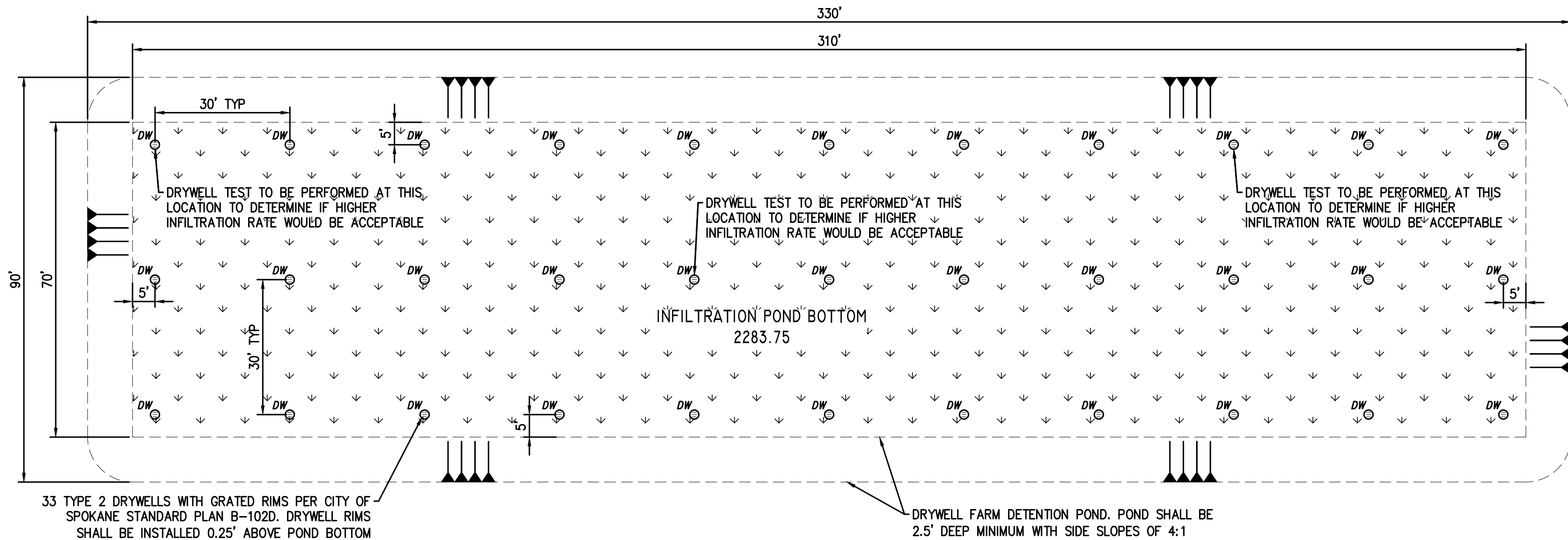


- NOTES:
1. THE MINIMUM SLOPE OF THE CONVEYANCE DITCH SHALL BE 0.50%.
 2. BASED ON A 0.50% MINIMUM DITCH SLOPE AND A 22.40-CFS FLOW DETERMINED BY THE 100-YR STORM EVENT FROM THE EAST POND, THIS WOULD PRODUCE AN ANTICIPATED 0.97-FT MAXIMUM WATER DEPTH IN THE DITCH.
 3. AT A WATER DEPTH OF 1.90-FT WITH 0.50% MINIMUM SLOPE, THE CAPACITY OF THE DITCH IS 96.10-CFS (FOR REFERENCE IN FUTURE DESIGNS).
 4. SEE DETAIL 5 ON THIS SHEET FOR GRAVEL ACCESS ROAD SPECIFICATIONS.

CONVEYANCE DITCH - EAST POND TO DRYWELL FARM

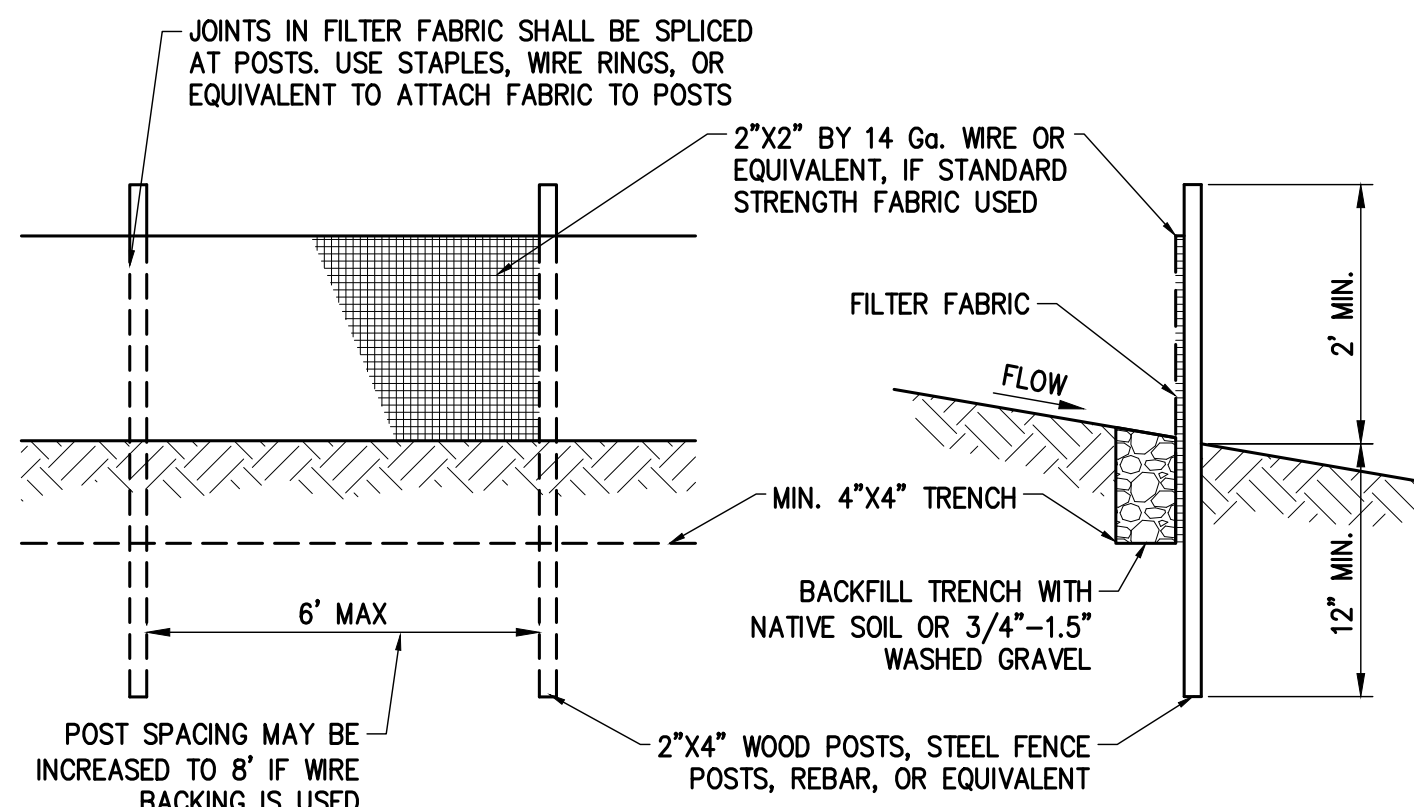


GENERAL SECTION FOR DRYWELL FARM W/ 0.4-CFS RATE



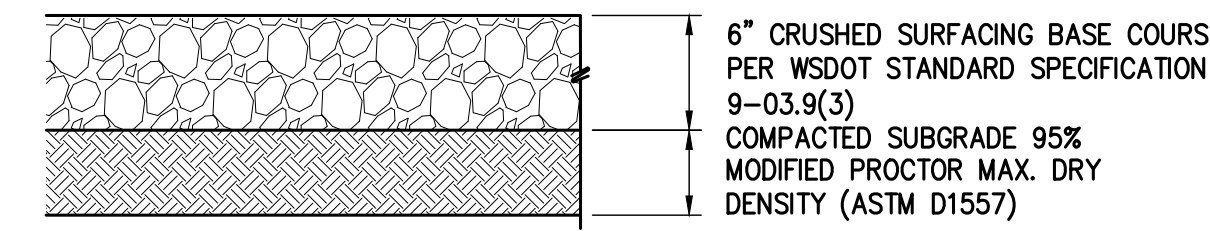
- NOTES:
1. THIS DRYWELL DESIGN IS BASED ON AN INFILTRATION RATE OF 0.4-CFS PER DRYWELL. THIS RATE HAS BEEN PROVIDED IN THE GEOTECHNICAL AND HYDROGEOLOGIC ENGINEERING REPORT BY BUDINGER AND ASSOCIATES DATED 7/21/23 FOR THIS PROJECT BASED ON THE SPOKANE 200 METHOD.
 2. IF DESIRED BY THE OWNER, THREE FULL-SCALE DRYWELL TESTS MAY BE PERFORMED, AT THE LOCATIONS DESIGNATED ABOVE, SUCH THAT A HIGHER INFILTRATION RATE COULD BE USED BASED ON THE TESTING RESULTS.
 3. BASED ON THE CURRENT DESIGN, THE MAXIMUM STORAGE DEPTH IN THE SWALE DURING A 100-YEAR STORM EVENT WOULD BE 2.35-FT. THE MINIMUM DESIGN BERM WIDTH IS 2.50-FT.

DRYWELL FARM DETAIL W/ 0.4-CFS RATE



FILTER FABRIC FENCE DETAIL

- MAINTENANCE STANDARDS:
1. ANY DAMAGE SHALL BE REPAIRED IMMEDIATELY.
 2. IF CONCENTRATED FLOWS ARE EVIDENT UPHILL OF THE FENCE, THEY MUST BE INTERCEPTED AND CONVEYED TO A SEDIMENT TRAP OR POND.
 3. IT IS IMPORTANT TO CHECK THE UPHILL SIDE OF THE FENCE FOR SIGN OF THE FENCE CLOSING AND ACTING AS A BARRIER TO FLOW AND THEN CAUSING CHANNELIZATION OF FLOWS PARALLEL TO THE FENCE. IF THIS OCCURS, REPLACE THE FENCE AND/OR REMOVE THE TRAPPED SEDIMENT.
 4. SEDIMENT MUST BE REMOVED WHEN THE SEDIMENT IS 6" HIGH.
 5. IF THE FILTER FABRIC HAS DETERIORATED DUE TO ULTRAVIOLET BREAKDOWN, IT SHALL BE REPLACED.



GRAVEL ACCESS ROAD SECTION

FOR PERMIT
 THESE DRAWINGS ARE SUFFICIENTLY COMPLETE FOR SUBMISSION TO THE JURISDICTION HAVING AUTHORITY FOR PERMIT. THE CONTRACTOR SHALL NOT USE THESE DRAWINGS FOR CONSTRUCTION UNTIL THE CONTRACTOR RECEIVES WRITTEN APPROVAL FOR USE IN CONSTRUCTION BY THE JURISDICTION HAVING AUTHORITY AND DCI ENGINEERS.

CONTRACTOR NOTE
 ALL EXISTING UTILITIES SHOWN ON PLANS ARE TO BE VERIFIED HORIZONTALLY AND VERTICALLY PRIOR TO ANY CONSTRUCTION. ALL EXISTING FEATURES INCLUDING BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORD MAPS AND SURVEYS FURNISHED BY OTHERS. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS AND SURVEYS. CONTACT THE UTILITY OWNER/AGENCY FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO CONSTRUCTION.

UNDERGROUND SERVICE ALERT
 ONE-CALL NUMBER
 811
 CALL TWO BUSINESS DAYS BEFORE YOU DIG