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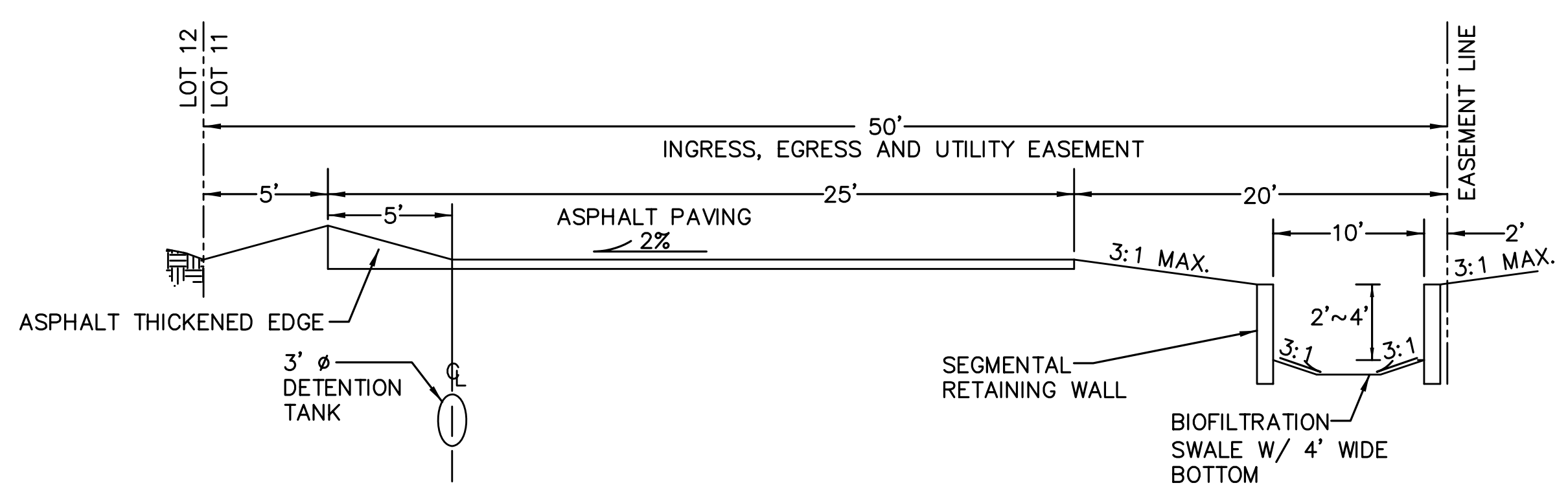
**Engineering Design, LLC**  
 Civil Engineering and Planning Consultants

**FOOTHILLS SHORT PLAT**  
 CITY OF ALGONA, WA  
 FOR: SMART HOMES INC.  
 107 WASHINGTON BLVD.  
 ALGONA, WA 99001  
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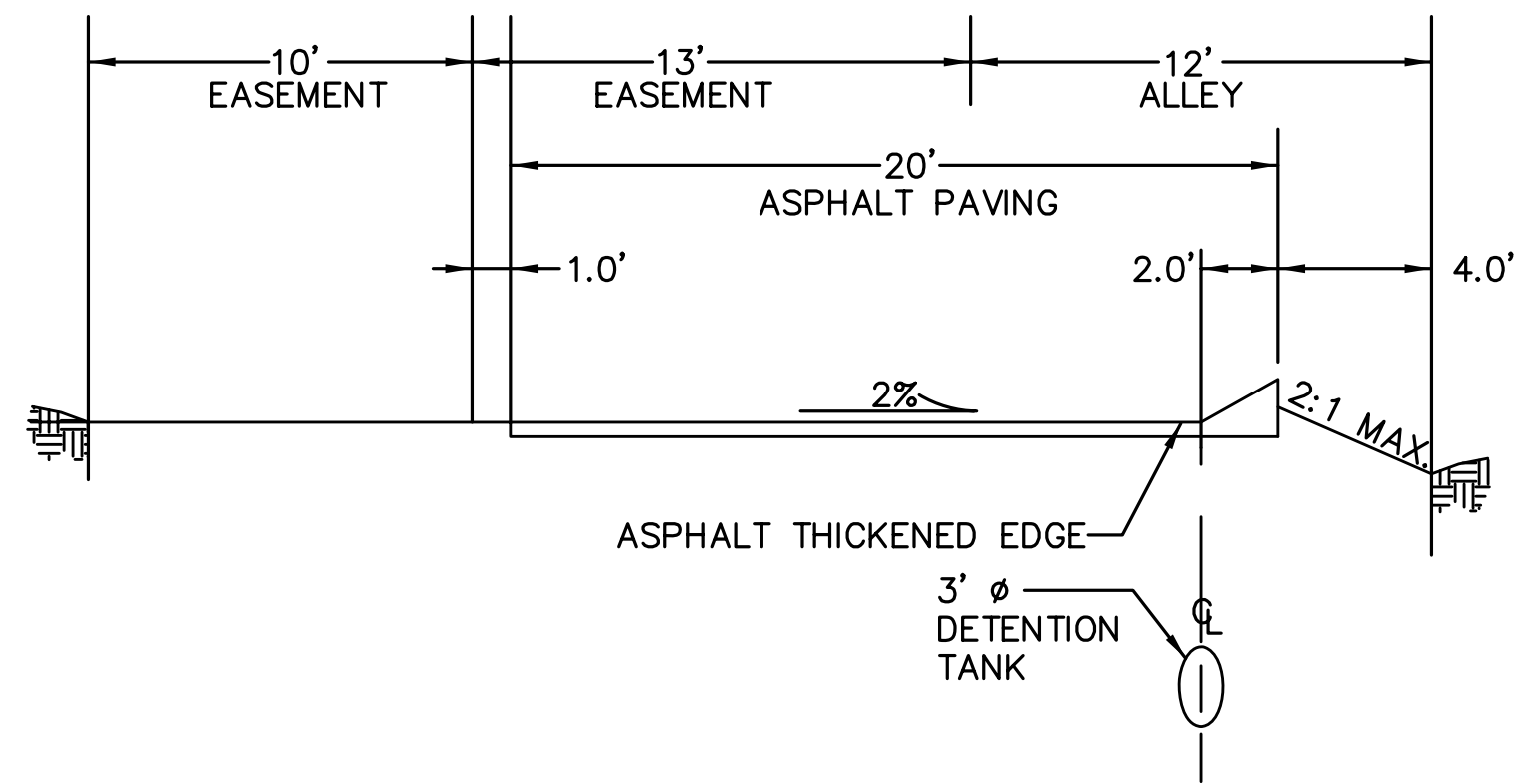
PROJECT NO.: **0511**  
 DRAWN BY: **GLD**  
 ISSUE DATE: **09-27-05**  
 SHEET REV.:

**DETAILS AND NOTES**

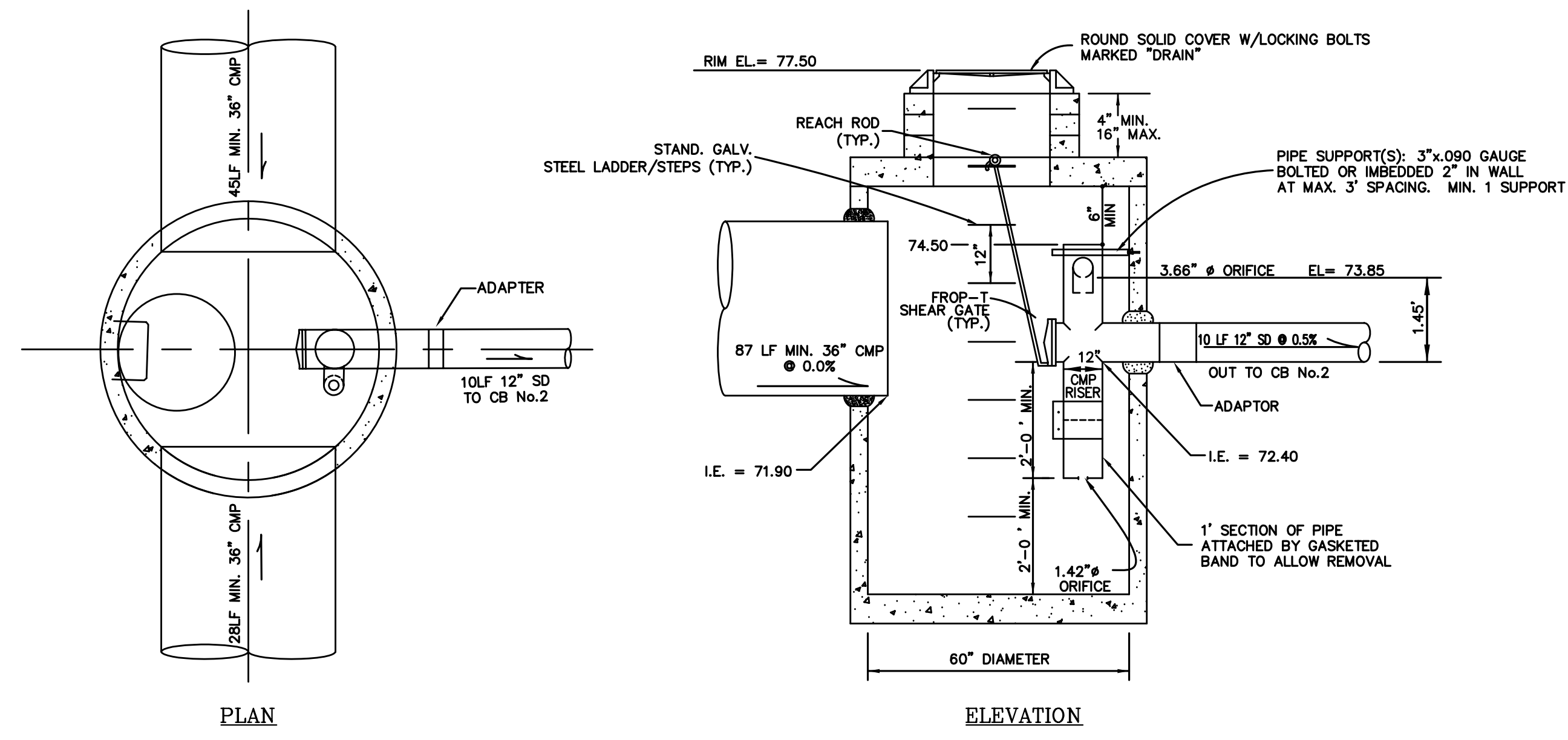
0511PED.DWG  
**C03**



40' INGRESS, EGRESS AND UTILITY EASEMENT  
**CROSS SECTION A**  
 NO SCALE

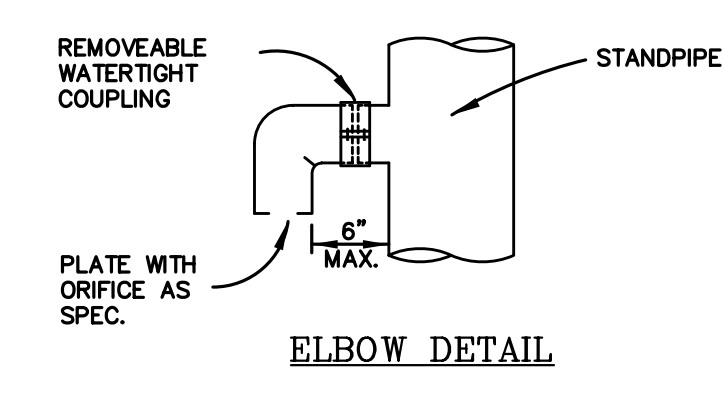


ALLEY/ACCESS EASEMENT  
**CROSS SECTION B**  
 NO SCALE



**TYPICAL DETENTION TANK DETAIL**  
 NO SCALE

- NOTES:
- METAL PARTS: CORROSION RESISTANT. GALVANIZED PIPE PARTS TO HAVE ASPHALT TREATMENT 1.
  - FRAME & LADDER OR STEPS OFFSET SO  
 A. CLEANOUT GATE IS VISIBLE FROM TOP.  
 B. CLIMB-DOWN SPACE IS CLEAR OF RISER AND CLEANOUT GATE.
  - IF METAL OUTLET PIPE CONNECTS TO CEMENT CONCRETE PIPE, OUTLET PIPE TO HAVE SMOOTH O.D. EQUAL TO CONCRETE PIPE I.D. LESS 1/4".
  - PVC RISER MAY ALSO BE USED IN LIEU OF CMP.
  - POLYETHYLENE SMOOTH WALL PIPE MAY ALSO BE USED IN LIEU OF CMP FOR DETENTION TANK. POLYETHYLENE SMOOTH WALL PIPE SHALL BE ADVANCED DRAINAGE SYSTEM (ADS) N-12 OR APPROVED EQUALL, BELL AND SPIGOT CONSTRUCTED PER WSDOT STANDARD SPECIFICATION 7-04.



- NOTES:
- ALL METAL PARTS CORROSION RESISTANT. STEEL PARTS GALVANIZED AND ASPHALT COATED (TREATMENT 1 OR BETTER).
  - PIPE MATERIALS, JOINTS, AND PROTECTIVE TREATMENT FOR TANKS SHALL BE IN ACCORDANCE WITH SECTION 9.05 OF THE WSDOT/APWA STANDARD SPECIFICATION AS MODIFIED BY THE KING COUNTY ROAD STANDARDS AND AASHTO.
  - TANKS SHALL MEET STRUCTURAL REQUIREMENTS FOR OVERBURDEN SUPPORT AND TRAFFIC LOADING IF APPROPRIATE. H-20 LIVE LOADS MUST BE ACCOMMODATED. METAL TANK END PLATES MUST BE DESIGNED FOR STRUCTURAL STABILITY AT MAXIMUM HYDROSTATIC LOADING.

- GENERAL NOTES (STREET CONSTRUCTION)**
- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT CITY OF ALGONA STANDARDS AND CURRENT AMENDMENTS THERERTO AND THE 1998 STATE OF WASHINGTON STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, AND ANY CURRENT AMENDMENTS THERETO, AMENDED AS PER CITY STANDARDS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL IN ACCORDANCE WITH THE MUTCD MANUAL. PRIOR TO DISRUPTION OF ANY TRAFFIC, TRAFFIC CONTROL PLANS SHALL BE PREPARED AND SUBMITTED TO THE CITY FOR POSSIBLE APPROVAL. NO WORK SHALL COMMENCE UNTIL ALL APPROVED TRAFFIC CONTROL IS IN PLACE. WORK SHALL CEASE WHEN TRAFFIC CONTROL FAILS TO MEET MINIMUM REQUIREMENTS.
  - ALL CURB AND GUTTER, STREET GRADES, SIDEWALK GRADES, AND ANY OTHER VERTICAL AND/OR HORIZONTAL ALIGNMENT SHALL BE STAKED BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK. SUCH FIRMS SHALL BE CURRENTLY LICENSED IN THE STATE OF WASHINGTON TO PERFORM SUCH WORK.
  - WHERE NEW ASPHALT JOINS EXISTING, THE EXISTING ASPHALT SHALL BE SAWCUT TO A NEAT VERTICAL EDGE AND TACKED WITH ASPHALT EMULSION TYPE CSS-1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE NEW ASPHALT SHALL BE FEATHERED BACK OVER EXISTING TO PROVIDE FOR A SEAL AT THE SAW CUT LOCATION AND THE JOINT SEALED WITH GRADE AR-400W PAVING ASPHALT. A SAND BLANKET SHALL BE APPLIED TO THE SURFACE TO MINIMIZE "TRACKING" OF SAME.
  - COMPACTION OF SUBGRADE, ROCK, AND ASPHALT SHALL BE IN ACCORDANCE WITH THE WSDOT STANDARD SPECIFICATIONS.
  - FORM AND SUBGRADE INSPECTION BY THE CITY IS REQUIRED BEFORE POURING CONCRETE. A MINIMUM FORTY-EIGHT HOURS NOTICE IS REQUIRED TO BE PROVIDED TO THE PUBLIC WORKS DIRECTOR FOR FORM INSPECTION.

APPROVED FOR CITY OF ALGONA  
 BY \_\_\_\_\_ DATE \_\_\_\_\_  
 FIRM \_\_\_\_\_

**BURIED UTILITIES IN AREA CALL BEFORE YOU DIG 1-800-424-5555**  
 EXISTING UTILITIES SHOWN ARE FROM THE BEST AVAILABLE INFORMATION AND NO GUARANTEE IS MADE AS TO THE EXACT SIZE, TYPE, LOCATION OR DEPTH.

**CB No. 3 CONTROL STRUCTURE**  
**TYPE II-54"Ø**  
 NO SCALE