NICHOLAS DRIVE

STONEYFIELD RIDGE LONG PLAT AS-BUILT DRAWINGS CITY OF FERNDALE

CONTACTS.

STONEYFIELD LLC P.O. BOX 2020 FERNDALE, WA 98248

PETER KLOOTWYK

MILLENNIUM ENGINEERING GROUP, INC. P.O. BOX 137 - 109 - 6TH STREET LYNDEN, WA 98264 (360) 354-8141

CHAD SCHULHAUSER, P.E. SURVEYOR:

LARRY STEELE & ASSOCIATES 1323 LINCOLN ST., SUITE 105 BELLINGHAM, WA 98226 (360) 676-9350 LARRY STEELE, P.L.S.

VICINITY MAP

NO SCALE

TITLE

1. COVER SHEET

SHT.

- 2. SUBDIVISION PLAN
- 3. SITE UTILITY PLAN
- 4. STONEYFIELD LANE 0+00 TO 6+00 STREET AND STORM
- 5. STONEYFIELD LANE 6+00 TO 10+00 STREET AND STORM
- 6. CHURCH ROAD WATER
- 7. STONEYFIELD LANE 0+00 TO 6+00 SEWER AND WATER
- 8. STONEYFIELD LANE 6+00 TO 10+00 SEWER AND WATER

LEGEND **EXISTING** PROPOSED ---- SD----STORM MAIN ----ROOF & YARD DRAIN STORM DRAIN CATCH BASIN STORM DRAIN MANHOLE WATER MAIN M GATE VALVE FIRE HYDRANT WATER METER SEWER MAIN SEWER MANHOLE SEWER CLEANOUT -Q STREET LIGHT STREET SIGN MAIL MAIL BOX ____ ______ FENCE POWER VAULT J. UTILITY POLE POWER LINE TELEPHONE LINE

NATURAL GAS LINE

TELEPHONE/CABLE RISER

SANITARY SEWER NOTES

I. MATERIAL AND INSTALLATION SPECIFICATIONS FOR ALL PIPE, EXCEPT CLEANOUTS, SHALL CONFORM TO THE WSDOT STANDARD SPECIFICATIONS (CURRENT EDITION).

- . SEWER MAINS SHALL BE INSTALLED WITH A MINIMUM OF THREE FEET (3') OF
- 3. CLEANOUTS SHALL BE INSTALLED ACCORDING TO CITY OF FERNDALE STANDARD DETAILS SS-5.
- 4. PIPE BEDDING SHALL BE PLACED IN ACCORDANCE WITH CITY OF FERNDALE DETAIL SS-1.
- . MANHOLES SHALL CONFORM TO CITY OF FERNDALE STANDARD DETAILS SS-2 THROUGH SS-4.
- 5. FRAMES AND COVERS SHALL CONFORM TO THE CURRENT CITY OF FERNDALE STANDARD DETAIL SS-9.
- SIDE SEWER INSTALLATION SHALL CONFORM TO CITY OF FERNDALE STANDARD DETAILS SS-6 THROUGH SS-8. DOUBLE SERVICES SHALL CONFORM TO CITY OF FERNDALE STANDARD DETAIL SS-13.

GENERAL NOTES:

- . ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) AND THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) WASHINGTON STATE CHAPTER STANDARD PLANS AND SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AND THE CITY OF FERNDALE STANDARDS. IN CASE OF A CONFLICT BETWEEN THE REGULATORY STANDARDS OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT WILL PREVAIL.
- 2. ALL WORK AND MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE CITY OF FERNDALE.
- 3. UTILITY CONSTRUCTION SHALL BE DONE IN ACCORDANCE TO THE CITY OF FERNDALE DEVELOPMENT STANDARDS.
- 4. THE CONTRACTOR SHALL SCHEDULE A PRE—CONSTRUCTION CONFERENCE WITH REPRESENTATIVES FROM THE CITY OF FERNDALE PUBLIC WORKS DEPARTMENT A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION.
- 5. THE CONTRACTOR SHALL OBTAIN A REVOCABLE ENCROACHMENT PERMIT FROM THE CITY OF FERNDALE PRIOR TO COMMENCING WORK IN THE RIGHTS-OF-WAY.
- S. ALL OFF-SITE WORK AND ALL ALL PUBLICLY MAINTAINED ON-SITE WORK MUST BE INSPECTED BY REPRESENTATIVES FROM THE CITY OF FERNDALE PUBLIC WORKS DEPARTMENT. THE CONTRACTOR SHALL CALL AT LEAST 24 HOURS IN ADVANCE
- FOR INSPECTIONS AS FOLLOWS: A. PLACEMENT OF TEMPORARY EROSION CONTROL MEASURES.
- B. PLACEMENT OF WATER LINE AND BACKFILLING OF WATER LINE WITHIN CITY OF FERNDALE EASEMENT OR ROAD RIGHT-OF-WAY.
- C. PLACEMENT AND BACKFILLING OF PUBLICLY MAINTAINED UNDERGROUND UTILITIES, STORM SEWER AND SANITARY SEWER WITHIN EASEMENT OR ROAD RIGHT-OF-WAY
- D. PUBLIC ROADWAY GRADING AT:
- COMPLETION OF SUBGRADE COMPLETION OF BALLAST
- COMPLETION OF CRUSHED SURFACING
- E. POURING OF CURB/GUTTER AND SIDEWALK IN PUBLIC ROADWAY F. ASPHALT PAVING IN PROGRESS IN PUBLIC ROADWAY
- G. OVERALL INSPECTION FOR FINISHED SHOULDERS, DITCHES, PERMANENT SEEDING AND MONUMENT PLACEMENT.
- H. END OF MAINTENANCE PERIOD.
- 7. ALL PRIVATE IMPROVEMENTS WORK MUST BE INSPECTED BY THE ENGINEER OF RECORD OR A DESIGNATED PARTY UNDER THE ENGINEER OF RECORD'S SUPERVISION.
- 8. ALL TESTING REQUIREMENTS FOR THE IMPROVEMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE IN CONFORMANCE WITH THE CITY OF FERNDALE
- DEVELOPMENT STANDARDS AND AS FOLLOWS: A. CURB/GUTTER, SIDEWALK, ROADWAY BASE COMPACTION - MINIMUM 1 TEST EVERY 3 STATIONS, MIN. 2 TESTS PER CATEGORY.
- B. CONCRETE CYLINDER COMPRESSION 1 CYLINDER EVERY THIRD LOAD, MIN. 2 SAMPLES
- C. A.C. PAVING DENSITY
- 9. TESTING OF NEW WATER, SEWER, AND STORM SEWER SYSTEMS SHALL NOT BE PERFORMED UNTIL ALL OTHER ADJACENT UTILITIES HAVE BEEN INSTALLED.
- O. UNDERGROUND UTILITIES ARE KNOWN TO EXIST IN THE AREA OF CONSTRUCTION. THE SHOWN LOCATION OF THE EXISTING UTILITIES IS APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY OWNERS FOR LOCATIONS AND FIELD VERIFY THESE LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PROMPTLY OF ANY CONFLICT. THE CONTRACTOR SHALL CONTACT UTILITY LOCATION SERVICE (1-800-424-5555) 48 HOURS PRIOR TO STARTING CONSTRUCTION.

- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL ADJACENT UTILITIES WHICH INCLUDE BUT ARE NOT LIMITED TO: WATER, SEWER, STORM SEWER, POWER, TELEPHONE, CABLE TV, IRRIGATION, AND STREET LIGHTING. CONTRACTOR SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY DISTURBED BY THE PROJECT UPON COMPLETION OF THE PROJECT.
- 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT. EXPOSED CUT AND FILL SLOPES SHALL BE SEEDED AND FERTILIZED FOR EROSION CONTROL. CONTRACTOR SHALL BE RESPONSIBLE FOR SLOPE EROSION UNTIL VEGETATION IS FIRMLY
- 13. THE CONTRACTOR SHALL MAINTAIN TRAFFIC CONTROL WHILE THE SITE IS UNDER CONSTRUCTION.
- 14. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- 15. THE CONTRACTOR SHALL PROVIDE CERTIFIED AS BUILT DATA OF THE IMPROVEMENTS TO THE ENGINEER UPON COMPLETION OF THE PROJECT
- 16. THE ENGINEER SHALL PROVIDE CERTIFIED AS BUILT PLANS OF THE IMPROVEMENTS TO THE PUBLIC WORKS DEPARTMENT UPON COMPLETION OF THE PROJECT. THE ENGINEER OF RECORD SHALL AFFIX A STATEMENT AN THE AS-BUILT DRAWINGS THAT DEFINES WHICH IMPROVEMENTS WERE INSPECTED BY THE ENGINEER OF RECORD AND WHICH IMPROVEMENTS WERE INSPECTED BY THE CITY OF FERNDALE.
- 17. POTABLE WATER IS TO BE PROVIDED BY THE CITY OF FERNDALE. ALL WATER MAINS, HYDRANTS, SERVICES, VALVES, AND ASSORTED APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF FERNDALE DEVELOPMENT STANDARDS AND PLANS.
- 18. ALL WATER MAIN PIPE SHALL HAVE A MINIMUM COVER OF 3.5 FEET.
- 19. CONNECTION TO EXISTING CITY WATER SYSTEM SHALL BE A HOT TAP COMPLETED BY THE CONTRACTOR IN THE PRESENCE OF THE CITY INSPECTOR.
- 20. THE CONTRACTOR MUST NOTIFY THE FERNDALE PUBLIC WORKS DIRECTOR OF A PROPOSED CONNECTION AT LEAST FOUR WORKING DAYS IN ADVANCE.
- 21. ALL HYDROSTATIC TESTING AND DISINFECTION OF WATER MAINS SHALL CONFORM TO SECTIONS 7-09.3(23) AND 7-09.3(24) OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION - CURRENT EDITION. HYDROSTATIC TESTING INSPECTED BY CITY.
- 22. STORM PIPE SHALL BE CORRUGATED POLYETHYLENE PIPE (CPEP) AND SHALL CONFORM TO WSDOT STANDARD SPECIFICATION 9-05.20.
- 23. CONTRACTOR SHALL RIP-RAP ALL CULVERT INLETS AND OUTLETS.
- 24. CLEANOUTS SHALL BE INSTALLED ACCORDING TO CITY OF FERNDALE STANDARD DETAIL SS-5. MANHOLES SHALL BE CHANNELED.
- 25. PIPE BEDDING SHALL BE PLACED IN ACCORDANCE WITH CITY OF FERNDALE DETAIL SS-1.
- 26. SIDE SEWER INSTALLATION SHALL CONFORM TO CITY OF FERNDALE STANDARD DETAILS SS-THROUGH SS-8. DOUBLE SERVICES SHALL CONFORM TO CITY OF FERNDALE DETAIL SS-13.
- 27. CONTRACTOR SHALL INFORM THE ENGINEER AND OBTAIN APPROVAL FROM THE CITY OF OVEL FERNDALE PUBLIC WORKS DEPT. OF ANY PROPOSED CHANGES IN PLAN PRIOR TO CONSTRUCTION OF THAT CHANGE. CONTRACTOR SHALL KEEP RECORD OF DE WATIONS AND FORWARD TO THE ENGINEER AND THE CITY OF FERNDALE.
- 28. DEVELOPER/CONTRACTOR SHALL POST A MAINTENANCE SECURITY AS REQUIRED BY THE CITY OF FERNDALE.

AS-BUIL

CALL BEFORE

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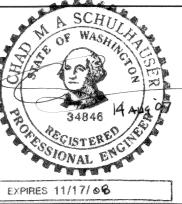
- 1. EXISTING FIELD DATA PER CONSTRUCTION SURVEYORS.
- 2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF FERNDALE STANDARDS AND CURRENT WSDOT/APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.

AS-BUILT DRAWING CERTIFICATION

hereby certify that a representative sample of the improvements in the Stoneyfield Ridge Long Plat have been inpected by Millennium Engineering Group, Inc. and constructed in conformance with the plans approved by the Public Works Director for said development and the general specifications adopted by the City of Ferndale Department of Public Works.

CITY OF FERNDALE MONUMENT NETWORK CITY OF FERNDALE MONUMENT NETWORK

BASIS OF BEARINGS CITY OF FERNDALE MONUMENT NETWORK



MILLENNIUM

Engineering Group, Inc.

109-6th ST., PO BOX 137, LYNDEN, WA 98264 PH: (360) 354-8141 FAX: (360) 354-3744 mail@2001egi.com www.2001egi.com

COVER SHEET

CITY PROJECT: LP 2006-02

STONEYFIELD RIDGE LONG PLAT

STONEYFIELD LLC

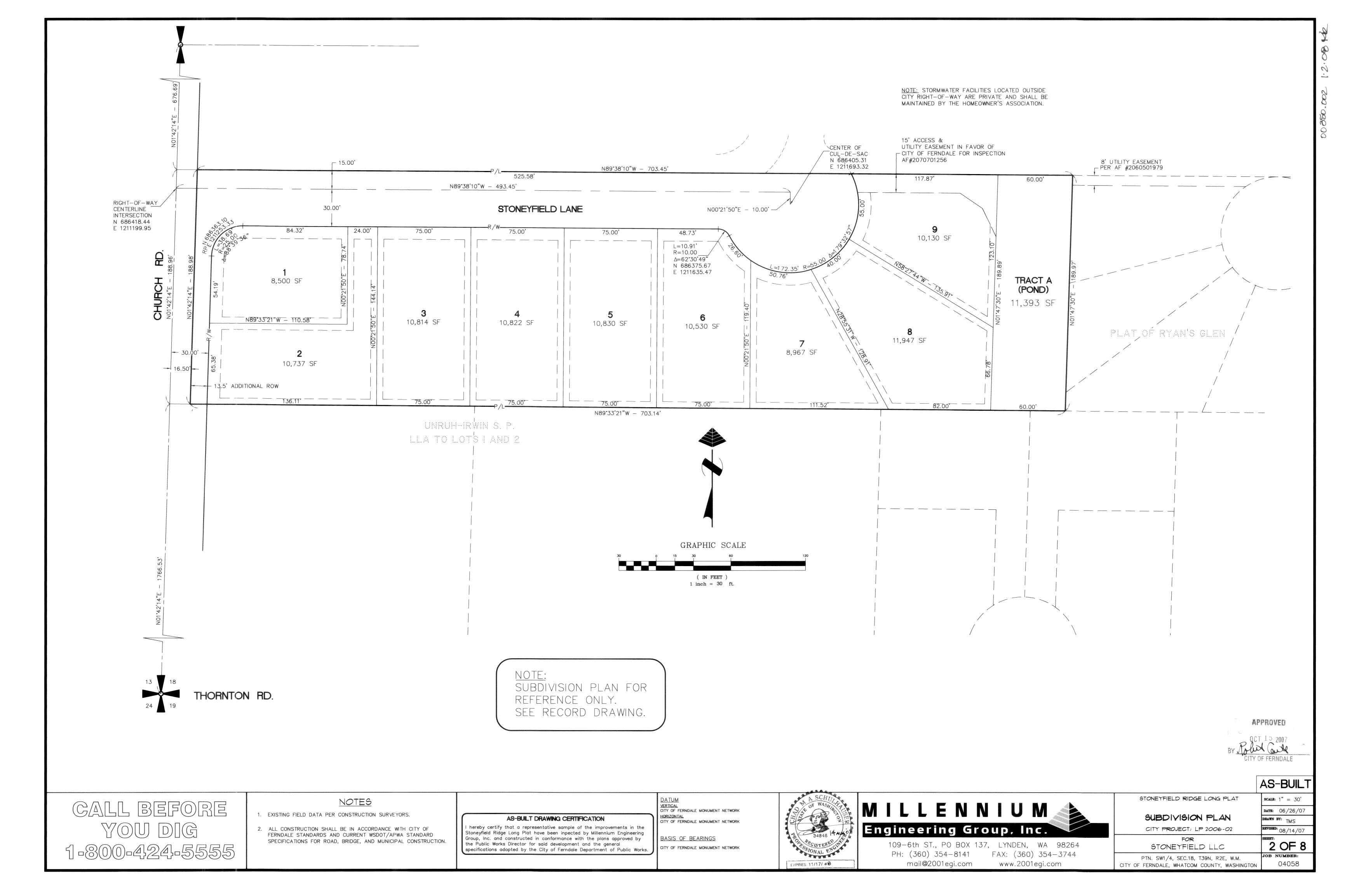
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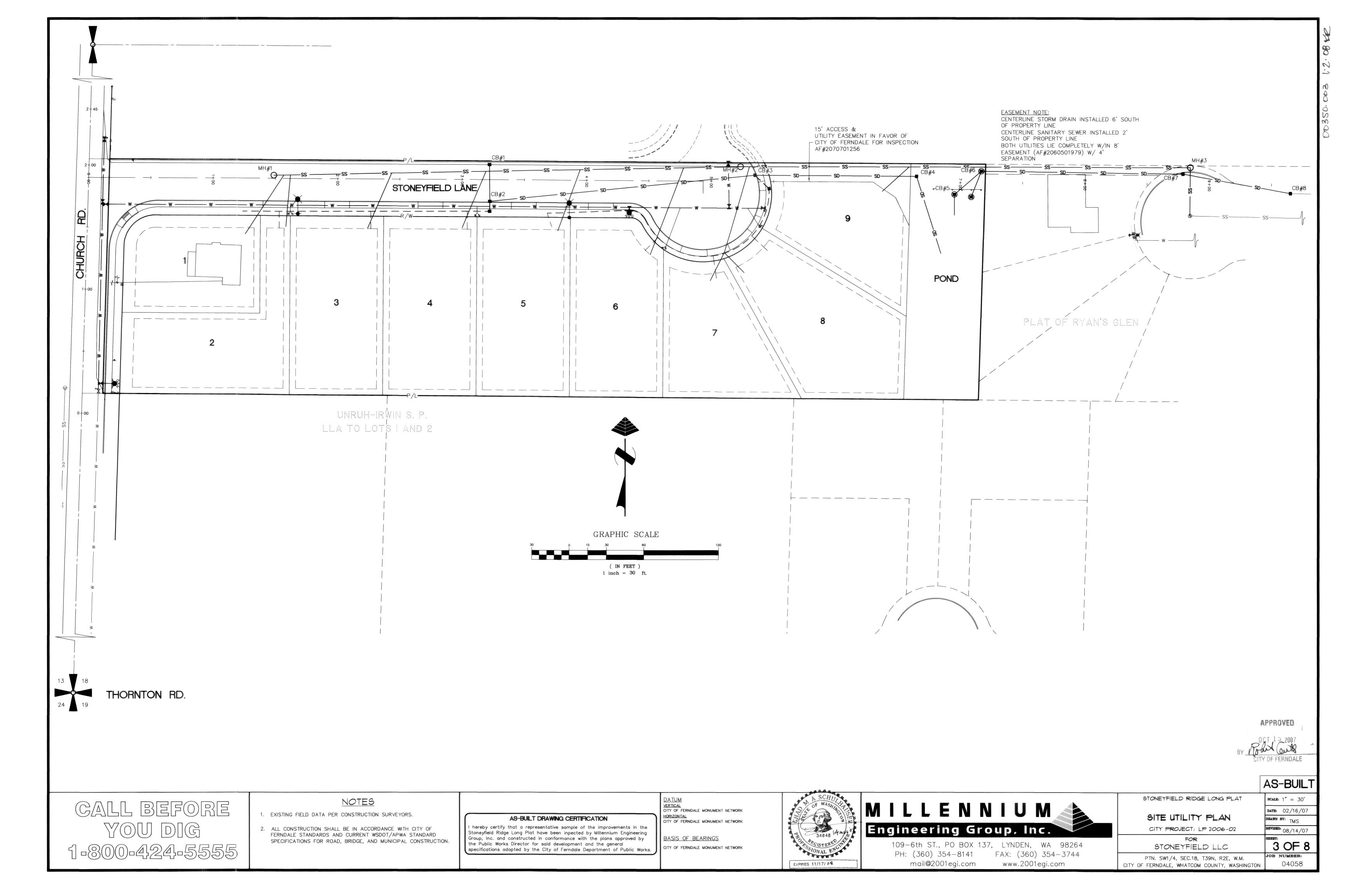
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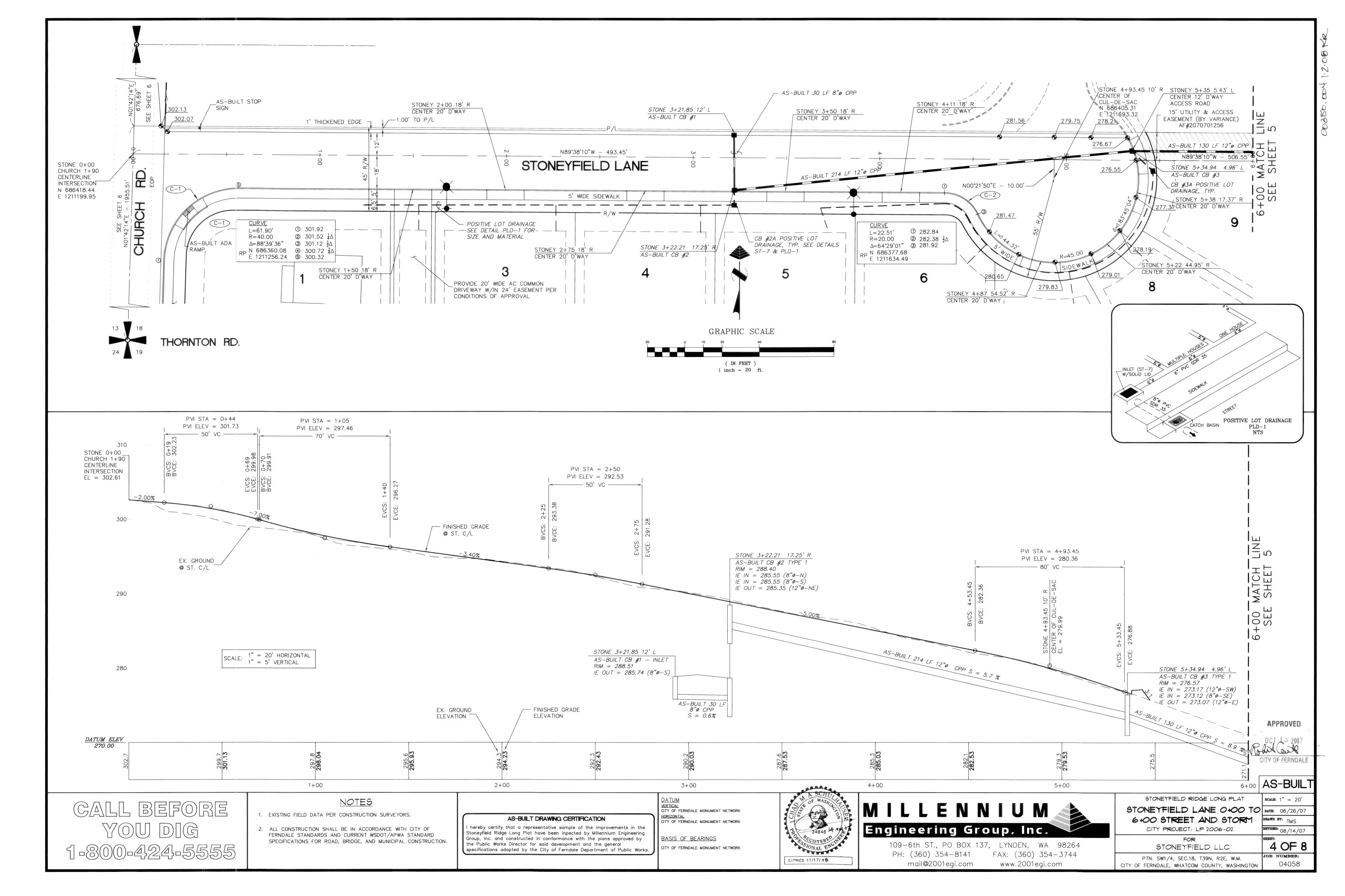
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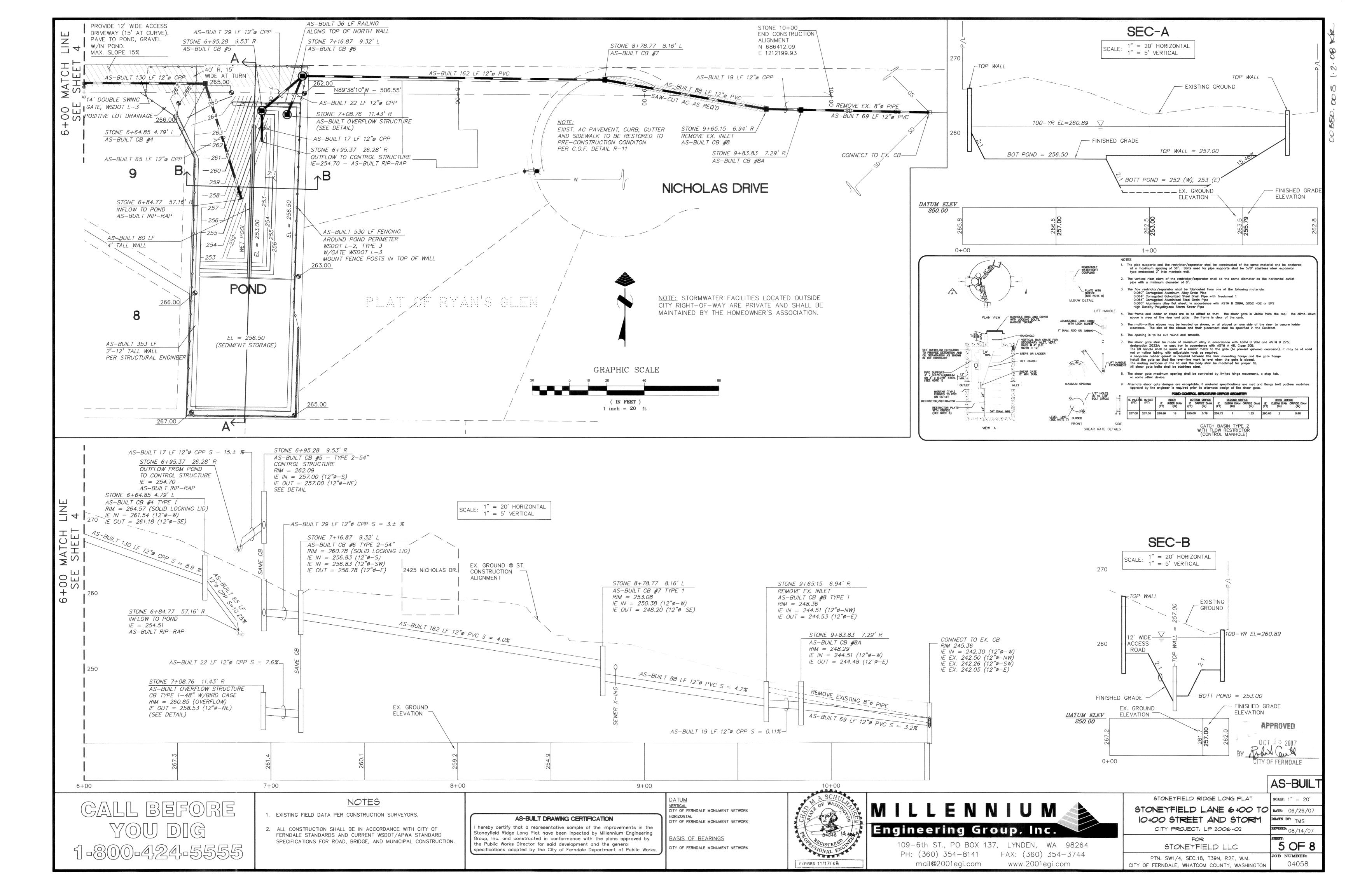
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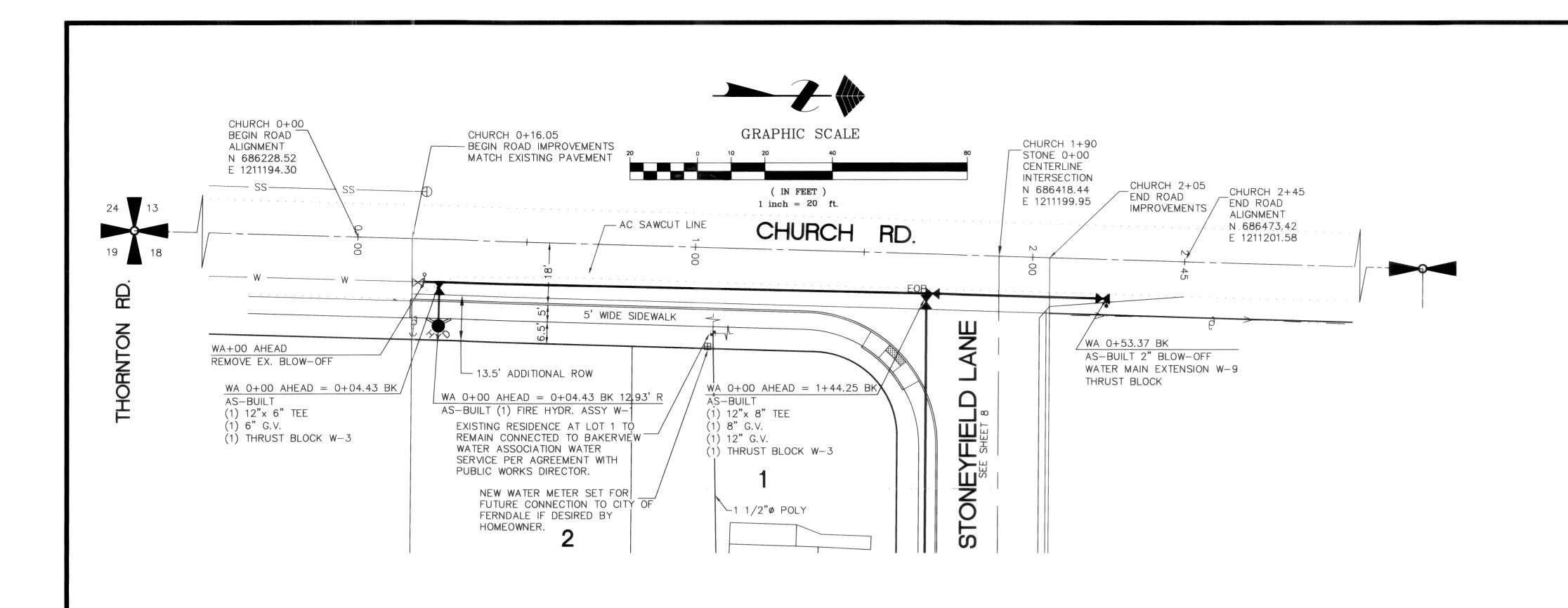
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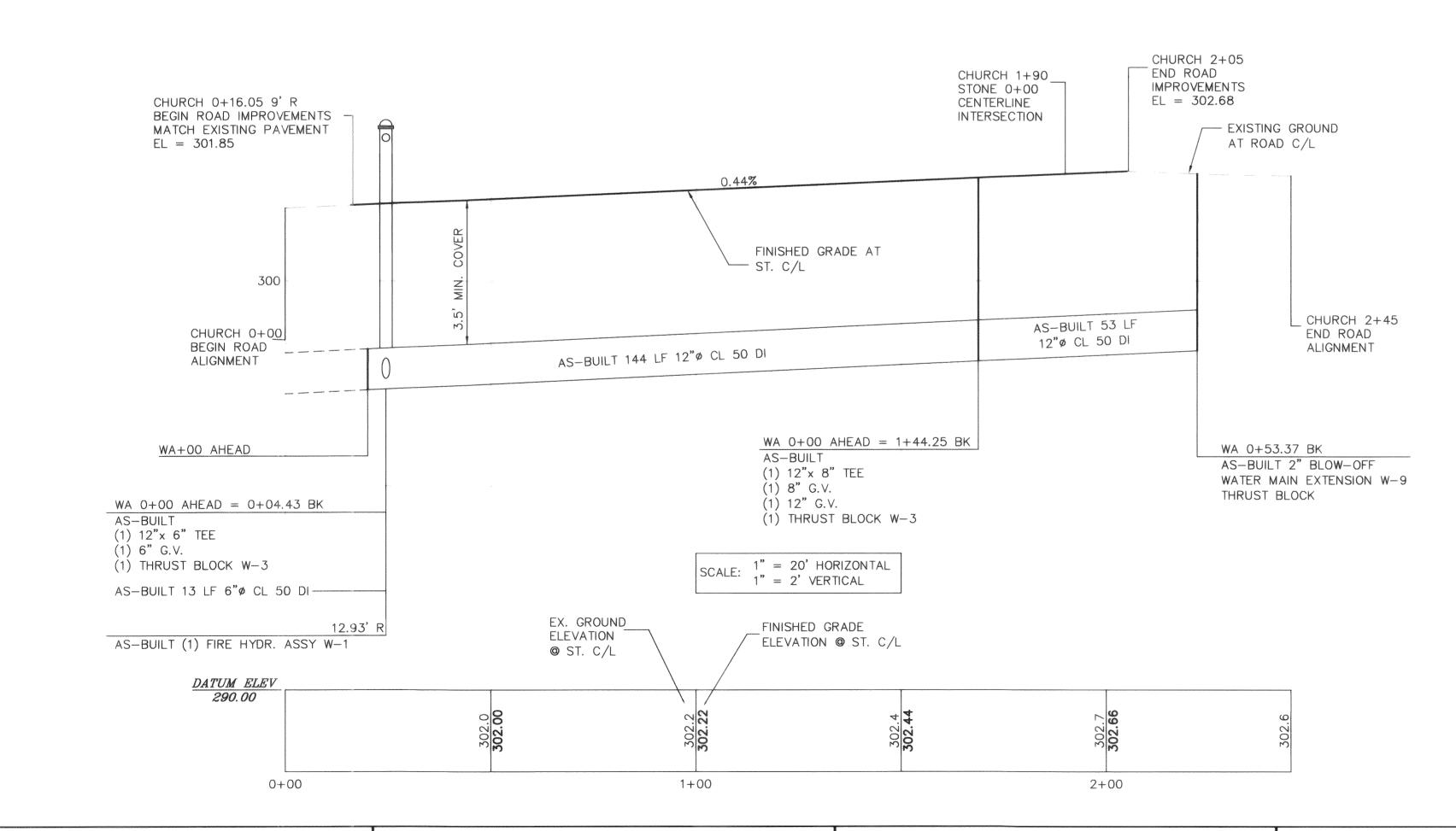












APPROVED



CALL BEFORE

NOTES

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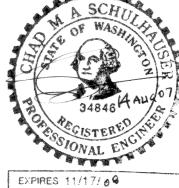
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DATUM VERTICAL CITY OF FERNDALE MONUMENT NETWORK HORIZONTAL CITY OF FERNDALE MONUMENT NETWORK

BASIS OF BEARINGS CITY OF FERNDALE MONUMENT NETWORK



Engineering Group, Inc.

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STONEYFIELD RIDGE LONG PLAT

CHURCH ROAD WATER

DATE: 06/26/07 DRAWN BY: TMS CITY PROJECT: LP 2006-02 **REVISED:** 08/14/07

STONEYFIELD LLC

PTN. SW1/4, SEC.18, T39N, R2E, W.M. CITY OF FERNDALE, WHATCOM COUNTY, WASHINGTON

JOB NUMBER: 04058

AS-BUILT

SCALE: 1" = 20'

6 OF 8

