GENERAL

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND/OR REQUIREMENTS OF BOISE CITY PUBLIC WORKS DEPARTMENT, THE ADA COUNTY HIGHWAY DISTRICT, AND/OR THE ISPWC (CURRENT EDITION)

2. A PRE CONSTRUCTION CONFERENCE WILL BE HELD A MINIMUM OF 48 HOURS PRIOR TO START OF WORK. ALL CONTRACTORS, SUBCONTRACTORS AND/OR UTILITY CONTRACTORS SHOULD BE PRESENT.

3. ALL LOT, BLOCK, STREET RIGHT-OF-WAY, AND EASEMENT DIMENSIONS SHALL BE TAKEN FROM THE FINAL PLAT OF PINE TREE VILLAGE SUBDIVISION NO. 5.

4. THE CONTRACTOR(S) SHALL REMOVE ALL OBSTRUCTIONS, BOTH ABOVE AND BELOW GROUND, AS REQUIRED FOR THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS. THIS SHALL INCLUDE CLEARING AND GRUBBING WHICH CONSISTS OF CLEARING THE GROUND SURFACE OF ALL TREES, STUMPS, BRUSH, UNDERGROWTH, HEDGES, HEAVY GROWTH OF GRASS OR WEEDS, FENCES, STRUCTURES, DEBRIS, RUBBISH, AND SUCH MATERIAL WHICH, IN THE OPINION OF THE ENGINEER, IS UNSUITABLE FOR THE FOUNDATION OF PAVEMENTS. ALL MATERIAL NOT SUITABLE FOR FUTURE USE

ON SITE SHALL BE DISPOSED OF OFF SITE. 5. SURVEY CONTROL POINTS WHICH ARE CRITICAL TO THE CONSTRUCTION OF THE PROJECT ARE LOCATED WITHIN THE LIMITS OF WORK. THE CONTRACTOR SHALL TAKE PRECAUTION TO PROTECT THE POINTS IN PLACE.

6. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL THE DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.

7. ALL CONTRACTORS WORKING WITHIN THE PROJECT BOUNDARIES ARE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE SAFETY LAWS OF ANY JURISDICTIONAL BODY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES AND CONTROL OF TRAFFIC WITHIN AND AROUND THE CONSTRUCTION AREA.

8. EXISTING A.C. PAVEMENT SHALL BE CUT TO A NEAT STRAIGHT LINE PARALLEL OR PERPENDICULAR TO THE STREET CENTERLINE AND THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING.

9. ALL MATERIALS FURNISHED ON OR FOR THE PROJECT MUST MEET THE MINIMUM REQUIREMENTS OF THE APPROVING AGENCIES OR AS SET FORTH HEREIN, WHICHEVER IS MORE RESTRICTIVE.

10. CONTRACTORS MUST FURNISH PROOF THAT ALL MATERIALS INSTALLED ON THIS PROJECT MEET THE REQUIREMENTS OF ITEM #9 AT THE

REQUEST OF THE AGENCY AND/OR THE ENGINEER. 11. ALL CONTRACTORS WORKING WITHIN THE PUBLIC ROAD RIGHT-OF-WAY ARE REQUIRED TO SECURE A RIGHT-OF-WAY PERMIT FROM ACHD AT

LEAST 24 HOURS PRIOR TO ANY CONSTRUCTION. 12. ALL COSTS OF RETESTING FOR PREVIOUSLY FAILED TESTS SHALL BE BACKCHARGED TO THE CONTRACTOR BY THE OWNER.

13. ALL COSTS TO THE CONTRACTOR INCURRED IN CORRECTING DEFICIENT WORK SHALL BE TO THE CONTRACTORS ACCOUNT. FAILURE TO CORRECT

SUCH WORK WILL BE CAUSE FOR A STOP WORK ORDER AND POSSIBLE TERMINATION. 14. THE CONTRACTOR IS TO FIELD VERIFY ALL EXISTING CURB & GUTTER, STORM DRAIN, CHANNEL CROSSINGS AND SEWER ELEVATIONS OR

INVERTS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER WHEN ELEVATIONS OR INVERTS DO NOT MATCH PLANS. 15. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY CONFLICTS NOT SHOWN ON PLANS. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY FAILURE

TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. CALL DIG-LINE 1-800-342-1585. 16. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY NECESSARY NPDES PERMITS, FILING ANY NOI'S, AND PREPARING A POLLUTION PREVENTION PLAN (PPP) IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY. CONTACT THE EPA AT (208)378-5746 FOR THE REQUIRED INFORMATION. A SHORT TERM ACTIVITY EXEMPTION FOR DEWATERING SHALL BE OBTAINED IN ACCORDANCE WITH DEQ REQUIREMENTS. CONTACT DEQ AT (208) 373-0557. SAID PERMIT SHALL BE PRESENTED TO THE ENGINEER AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF

17. ALL UTILITIES INCLUDING SERVICE LINES WITHIN THE STREET TRAVEL WAYS SHALL BE IN PLACE PRIOR TO CURB, GUTTER, SIDEWALKS AND

18. THE PIPE CONTRACTOR SHALL REPLACE ALL PAVEMENT AND CONCRETE REMOVED FOR THE INSTALLATION OF WATER, SEWER, OR IRRIGATION PIPE. ALL PAVEMENT SHALL BE REPLACED WITHIN SEVEN CALENDAR DAYS FROM THE TIME THE PAVEMENT AND/OR CONCRETE IS REMOVED. CONCRETE AND PAVEMENT SHALL BE REPLACED PER ISPWC STANDARDS.

19. NO PAVING SHALL OCCUR UNTIL THE CONTRACTOR OBTAINS WRITTEN APPROVAL OF ALL INSTALLED WATER AND SEWER FACILITIES FROM THE CITY OF BOISE.

ROADWAY

1. ALL CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE CURRENT EDITION OF THE ISPWC AND THE ACHD SUPPLEMENTAL SPECIFICATIONS. NO EXCEPTIONS TO DISTRICT POLICY, STANDARDS, AND THE ISPWC WILL BE ALLOWED UNLESS SPECIFICALLY AND PREVIOUSLY APPROVED IN WRITING BY THE DISTRICT.

2. WHEN DISCREPANCIES OCCUR BETWEEN PLANS AND SPECIFICATIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER. UNTIMELY NOTIFICATION SHALL NEGATE ANY CONTRACTORS CLAIM FOR ADDITIONAL COMPENSATION.

3. INSPECTION OF WORK WITHIN THE RIGHT-OF-WAYS SHALL BE BY THE ADA COUNTY HIGHWAY DISTRICT AND THE OWNER'S ENGINEER.

4. ALL TOPS OF VALVE BOXES AND SEWER MANHOLES SHALL BE SET FLUSH WITH THE SLOPE OF THE FINISHED STREET GRADES. THE ROADWAY

CONTRACTOR SHALL INSTALL AND ADJUST ALL SPACERS, GRADE RINGS, MANHOLE RINGS AND LIDS. 5. EXISTING A.C. PAVEMENT SHALL BE CUT TO A NEAT STRAIGHT LINE PARALLEL OR PERPENDICULAR TO THE STREET CENTERLINE AND THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING.

6. ALL COSTS OF RETESTING FOR PREVIOUSLY FAILED TESTS SHALL BE BACKCHARGED TO THE CONTRACTOR BY THE OWNER.

7. ALL COSTS TO THE CONTRACTOR INCURRED IN CORRECTING DEFICIENT WORK SHALL BE TO THE CONTRACTORS ACCOUNT. FAILURE TO CORREC SUCH WORK WILL BE CAUSE FOR A STOP WORK ORDER AND POSSIBLE TERMINATION.

8. ALL STORM DRAINAGE APPURTENANCES SHALL BE INSPECTED AND CERTIFIED BY ADA COUNTY HIGHWAY DISTRICT.

9. ALL WATER VALVES WILL BE PLACED SO AS NOT TO CONFLICT WITH ANY CONCRETE CURB, GUTTER, VALLEY GUTTER, AND SIDEWALK 10. ALL WATER METERS ARE TO BE LOCATED OUTSIDE THE ROAD RIGHT-OF-WAY. ALL FIRE HYDRANTS ARE TO BE LOCATED WITHIN THE ROAD

RIGHT-OF-WAY. THERE MUST BE AT LEAST A ONE (1) FOOT SEPARATION BETWEEN BACK OF SIDEWALK (OR CURB IF NO SIDEWALK) AND THE LEADING EDGE OF ANY FIRE HYDRANT.

11. OVER EXCAVATION AND ADDITIONAL GRANULAR BACKFILL MAY BE REQUIRED IN HIGH GROUNDWATER AREAS WHICH ARE TO BE DETERMINED BY THE FIELD INSPECTOR.

12. ALL WORK SHALL BE INSPECTED BY THE ADA COUNTY HIGHWAY DISTRICT OR BY THE OWNERS ENGINEERS IN ACCORDANCE WITH THE LATEST EDITION OF THE "CONSTRUCTION QUALITY ASSURANCE MANUAL."

13. ALL MATERIAL PLACED AS FILL OR BACKFILL SHALL BE PLACED AND COMPACTED IN ACCORDANCE WITH SECTION 306 OF THE CURRENT EDITION

OF ADA COUNTY HIGHWAY DISTRICT STANDARD SPECIFICATIONS. 14. ROADWAY CONSTRUCTION WILL MEET SPECIFIC DETAILS AND REQUIREMENTS OF THE FOLLOWING IDAHO STANDARDS FOR PUBLIC WORKS

CONSTRUCTION STANDARD DRAWINGS: (CURRENT EDITION)

1. STREET SECTION, DRAWING NO. SD-801, AND SECTIONS AS SHOWN ON ROADWAY DETAIL SHEET.

2. 4.0' CONCRETE VALLEY GUTTER, DRAWING NO. SD-708.

3. ROLLED CURB AND GUTTER, DRAWING NO. SD-702. 4. PEDESTRIAN RAMP FOR HANDICAPPED, DRAWING NO. SD-712C.

5. SIDEWALKS, DRAWING NO. SD-709.

6. STANDARD DROP INLET TYPE I W/ 12" SUMP, DRAWING NO. SD-601. 7. STANDARD DROP INLET TYPE VI W/ 12" SUMP. DRAWING NO. SD-605A.

IRRIGATION 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2010 EDITION OF IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (I.S.P.W.C.) AND NEW YORK IRRIGATION DISTRICT/BOISE PROJECT BOARD OF CONTROL STANDARD SPECIFICATIONS FOR IRRIGATION WATER DISTRIBUTION SYSTEMS. 2. TEN (10) FEET OF HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN WATER MAINS AND NON-POTABLE WATER LINES.WHERE IT IS NECESSARY FOR THE NON POTABLE WATER LINE AND WATER LINE TO CROSS EACH OTHER AND THE NON POTABLE LINE IS LESS THAN 18" BELOW OR ABOVE THE WATER MAIN, THE NON POTABLE WATER LINE CROSSING SHALL BE PVC PRESSURE PIPE CONFORMING TO AWWA C-900 (CLASS 160) OR ASTM D2241 (CLASS 250) STANDARDS WITH WATERTIGHT JOINTS, OR EQUAL CONSTRUCTION, FOR A DISTANCE OF 10' ON BOTH SIDES OF THE WATER LINE IN ACCORDANCE WITH IDAPA 58.01.08, RULES FOR PUBLIC DRINKING WATER SYSTEMS. ONE FULL LENGTH OF BOTH WATER MAIN AND SEWER OR NON POTABLE WATER LINE SHALL BE CENTERED OVER THE CROSSING POINT SO THAT ALL JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE. IN LIEU OF CONSTRUCTING OR RECONSTRUCTING THE SEWER OR NON POTABLE WATER LINE TO CONFORM TO WATER MAIN STANDARDS, THE NON POTABLE WATER LINE MAY BE SLEEVED PER IDAPA 58.01.08, SECTION 550.06.h.v. CONSTRUCTION SHALL BE IN CONFORMANCE WITH ISPWC

SD-407, NON-POTABLE WATER LINE SEPARATION. 3. MINIMUM BURIAL DEPTH FOR ALL IRRIGATION MAINS SHALL BE 2.5 FEET FROM FINISHED GRADE TO TOP OF PIPE. ALL CROSSING OF PUBLIC RIGHT-OF-WAY WITH PRESSURE IRRIGATION SHALL BE INSTALLED AT A MINIMUM DEPTH OF 3.5 FEET. PIPE SHALL BE CONSTRUCTED TO SLOPE TO DRAINS AND/OR PUMP-OUT STATIONS AS SHOWN ON THE PLANS

4. ALL VAULTS AND VALVE BOX COVERS FOR THE PRESSURIZED IRRIGATION SYSTEM SHOULD BE IDENTIFIED AS "IRRIGATION" OR "NONPOTABLE WATER."

6. FINAL APPROVAL AND ACCEPTANCE OF ALL PRESSURE IRRIGATION CONSTRUCTION WILL BE BY THE NEW YORK IRRIGATION DISTRICT/BOISE

5. PRESSURE IRRIGATION MAINS WITHIN THE RIGHT OF WAY SHALL BE BEDDED WITH REJECT SAND MEETING GRADATION SPECIFICATIONS OF TABLE 801 OF I.S.P.W.C.

PROJECT BOARD OF CONTROL 7, FINAL APPROVAL OF GRAVITY IRRIGATION CONSTRUCTION WILL BE BY THE NEW YORK IRRIGATION DISTRICT/BOISE PROJECT BOARD OF CONTROL.

8. PRESSURE IRRIGATION INSPECTIONS WILL BE BY THE OWNERS ENGINEER AND THEIR DECISIONS SHOULD BE CONSIDERED AS FINAL. SUCH APPROVAL SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF PERFORMING THE WORK IN AN ACCEPTABLE MANNER. CONTRACTOR TO NOTIFY ENGINEER OF TESTING 24 HOURS PRIOR. 9. ALL TEES, PLUGS, CAPS, AND BENDS OF 11-1/4" AND GREATER AT LOCATIONS WHERE UNBALANCED FORCES EXIST SHALL BE SECURED AND

ANCHORED BY SUITABLE THRUST BLOCKING AS SHOWN IN THE ISPWC STANDARDS.

10. ALL PLASTIC PIPE SHALL BE INSTALLED WITH LOCATING WIRE AND IDENTIFICATION TAPE AS SPECIFIED IN ISPWC SECTION 901. 11. PRESSURE MAIN LINE PIPING SHALL BE PVC, 200 PSI, SDR 32.5 CONFORMING TO ASTM D-2241.

12. GRAVITY FLOW IRRIGATION PIPE SHALL BE 18"RCP.

13. THE CONTRACTOR SHALL CONTACT THE NEW YORK IRRIGATION DISTRICT/BOISE PROJECT BOARD OF CONTROL AND BAILEY ENGINEERING, TO WITNESS THE PRESSURE TEST.

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST SEWER SPECIFICATIONS AND STANDARD DRAWINGS OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC), BOISE CITY PUBLIC WORKS DEPARTMENT AND/OR THE ADA COUNTY

HIGHWAY DISTRICT (ACHD) MODIFICATIONS TO THE ISPWC. 2. FINAL APPROVAL AND ACCEPTANCE OF ALL SEWER CONSTRUCTION WILL BE BY THE BOISE CITY PUBLIC WORKS DEPARTMENT. 3. SEWER PIPE WITH COVER OF GREATER THAN 3 FEET, SHALL BE BELL AND SPIGOT, POLYVINYL CHLORIDE (PVC), SDR 35, ASTM D-3034 FOR 4-INCH THROUGH 15-INCH AND ASTM F679 FOR 18-INCH THROUGH 27-INCH AS SET FORTH BY THE BOISE CITY PUBLIC WORKS DEPARTMENT. SEWER PIPE WITH LESS THAN 3 FEET OF COVER SHALL BE DUCTILE IRON CONFORMING TO ANSI A-21.51 OR AWWA C-151 MINIMUM CLASS 50. A RUBBER RING IS TO BE INSTALLED WHERE THE PIPE IS IN CONTACT WITH THE MANHOLE BASE AND/OR ITS CHANNEL IN ORDER TO ENSURE A WATER-TIGHT SEAL.

4. SEWER INSPECTIONS WILL BE BY THE BOISE CITY PUBLIC WORKS DEPARTMENT AND THEIR DECISIONS SHOULD BE CONSIDERED AS FINAL. THE CONTRACTOR WILL NOTIFY THE CITY PUBLIC WORKS DEPARTMENT 48 HOURS PRIOR TO CONSTRUCTION. BOISE CITY WILL PROVIDE PERIODIC INSPECTIONS FOR AN EIGHT-HOUR DAY, FROM 8:00 A.M. TO 5:00 P.M., FOR A FORTY HOUR WEEK. THE CONTRACTOR SHALL REIMBURSE THE CITY AT RATES ESTABLISHED BY THE CITY FOR INSPECTION IN EXCESS OF THE NORMAL WORK WEEK, INCLUDING LEGAL HOLIDAYS, OVERTIME INSPECTION RATES AND A LIST OF LEGAL HOLIDAYS CAN BE OBTAINED FROM THE BOISE CITY PUBLIC WORKS DEPARTMENT 5. SERVICE LINES SHALL BE MARKED IN ACCORDANCE WITH THE SPECIFICATIONS AND STANDARD DRAWING SD 512. SERVICE LINE

MARKERS SHALL REMAIN IN PLACE DURING CONSTRUCTION AND BE PRESENT FOR FINAL INSPECTION. 6. PRIOR TO FINAL ACCEPTANCE, AFTER ALL UTILITIES ARE IN AND PRIOR TO PAVING, AN AIR TEST SHALL BE CONDUCTED. THE CONTRACTOR SHALL CONTACT THE CITY OF BOISE A MINIMUM OF 24 HOURS PRIOR TO TESTING. ALL MANHOLES SHALL BE TESTED IN ACCORDANCE WITH THE ISPWC AND BOISE CITY'S MODIFICATIONS.

7. THE SEWER CONTRACTOR SHALL SUPPLY ALL LID ASSEMBLIES AND THE REQUIRED NUMBER OF RISER AND GRADE RINGS. THE SEWER CONTRACTOR SHALL FIELD VERIFY THE ELEVATION OF THE TOP OF THE MANHOLE CONE TO ASSURE THAT RING ELEVATIONS MATCH FINAL STREET GRADES. THE MAXIMUM HEIGHT OF THE GRADE RINGS SHALL BE SUCH THAT THE FINISH GRADE ELEVATION OF THE MANHOLE FRAME AND COVER SHALL NOT BE MORE THAN TWENTY-ONE (21") INCHES ABOVE THE TOP OF THE MANHOLE CONE. 8. THE PAVING CONTRACTOR SHALL SET THE GRADE RINGS AND POUR THE CONCRETE COLLARS PER STANDARD DRAWING NO. SD 508. THE PAVING CONTRACTOR SHALL CONTACT ACHD 24 HOURS PRIOR TO POURING CONCRETE COLLARS. 9. THE HORIZONTAL SEPARATION OF THE WATER AND SEWER MAINS SHALL BE A MINIMUM OF TEN (10) FEET. WHERE IT IS

NECESSARY FOR SEWER AND WATER TO CROSS EACH OTHER AND THE SEWER LINE IS LESS THAN 18 INCHES BELOW OR ABOVE THE WATER MAIN. THE SEWER LINE CROSSING SHALL BE P.V.C. PRESSURE PIPE CONFORMING TO AWWA C-900 OR ASTM D2241. FOR A DISTANCE OF 10' ON BOTH SIDES OF WATER LINE. ONE FULL LENGTH OF BOTH WATER MAIN AND SEWER LINE SHALL BE CENTERED OVER THE CROSSING POINT SO THAT ALL JOINTS WILL BE AS FAR FROM THE CROSSING AS POSSIBLE. 10. GROUNDWATER LEVELS SHALL BE MAINTAINED BELOW THE BOTTOM OF THE TRENCH DURING THE PIPE LAYING AND PIPE JOINING OPERATIONS. ALL MANHOLES LOCATED WITHIN MLIMITS OF SEASONAL GROUNDWATER SHALL HAVE THE EXTERIOR OF ALL CONCRETE SURFACES COATED WITH TWO COATS OF COAL TAR EPOXY.

11. THE TRENCH BACKFILL ABOVE THE PIPE ZONE WILL BE INSPECTED BY THE ACHD OR BY THE DEVELOPER'S ENGINEER IN ACCORDANCE WITH THE LATEST EDITION OF THE "CONSTRUCTION QUALITY ASSURANCE MANUAL" COMPACTION TESTS ARE REQUIRED IN THE BACKFILL ABOVE THE PIPE ZONE. WITHIN PUBLIC RIGHT-OF-WAY. ACCORDING TO ACHD REQUIREMENTS AND THE RESULTS SHALL BE SUBMITTED TO BOISE CITY PUBLIC WORKS DEPARTMENT AND ACHD PRIOR TO FINAL ACCEPTANCE.

12. ALL STATIONING RELATES TO THE GRAVITY SEWER CENTERLINE. 13. THE SEWER MAIN SHALL BE TESTED FOR DEFLECTION IN ACCORDANCE WITH THE ISPWC AND BOISE CITY'S MODIFICATIONS. ALL SEWER LINES SHALL BE TELEVISED WITH A CLOSED CIRCUIT TELEVISION CAMERA IN ACCORDANCE WITH THE ISPWC AND BOISE CITY'S MODIFICATIONS. NO STANDING WATER SHALL BE PRESENT. 14. THE BOISE PUBLIC WORKS DEPARTMENT MAY TEST THE COMPACTION OF THE SEWER PIPELINE BEDDING. TESTING WILL BE DONE BY AN INDEPENDENT TESTING LABORATORY. THE COST OF THE FIRST TEST WILL BE PAID BY THE BOISE PUBLIC WORKS DEPARTMENT. IF THE FIRST TEST FAILS TO MEET REQUIRED COMPACTION, ALL RE-TESTING SHALL BE PAID BY THE SEWER CONTRACTOR. THE CONTRACTOR SHALL CONTACT THE BOISE PUBLIC WORKS DEPARTMENT AND/OR TESTING LABORATORY TO SCHEDULE THE TESTS PRIOR TO ANY PIPE LAYING AND BACKFILLING. 15. SEWER CONSTRUCTION WILL MEET SPECIFIC DETAILS AND REQUIREMENTS OF THE FOLLOWING IDAHO STANDARDS FOR

PUBLIC WORKS CONSTRUCTION: 1. STANDARD MANHOLE - TYPE A. DRAWING NO. SD-501 2. STANDARD SHALLOW MANHOLE, DRAWING NO. SD-505. 3. MANHOLE COLLAR DETAIL, DRAWING NO. SD-508.

. MANHOLE COVER & FRAME, DRAWING NO. SD-507. 5. STANDARD SEWER SERVICE LINE, DRAWING NO. SD-511-A.

1. SEE UNITED WATER PLAN FOR ALL WATER SYSTEM CONSTRUCTION

SEWER SERVICE MARKER, DRAWING NO. SD-512. 16. THE CONTRACTOR SHALL LEAVE THE EXCAVATION FOR THE UPSTREAM END OF ALL SERVICE LINES OPEN FOR FIELD VERIFICATION OF THE INVERT ELEVATION BY THE CITY'S INSPECTOR. THE CONTRACTOR SHALL NOT BACKFILL THE ENDS OF SERVICE LINES UNTIL HE HAS OBTAINED APPROVAL FROM BOISE CITY'S INSPECTOR OR MADE OTHER

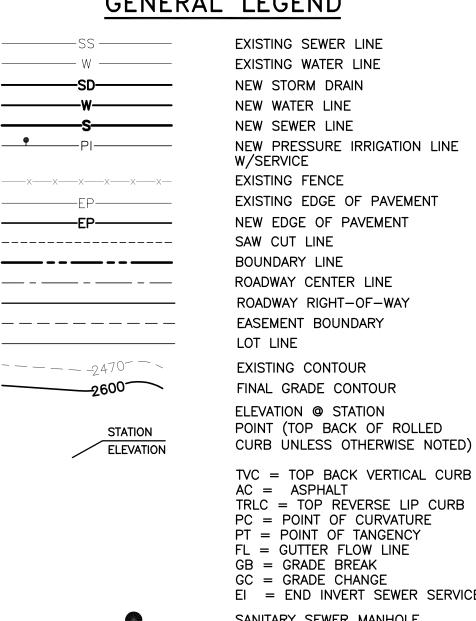
ARRANGEMENTS FOR THE VERIFICATION OF SERVICE LINE INVERT ELEVATIONS. 17. THE CONTRACTOR SHALL PROVIDE BOISE CITY'S INSPECTOR WITH "CUT SHEETS" FOR THE STAKING PROVIDED FOR CONSTRUCTION OF THE SANITARY SEWER. "CUT SHEETS" SHALL BE PROVIDED TO THE CITY PRIOR TO CONSTRUCTION. ADDITIONALLY, TEMPORARY BENCH MARKS MUST BE PROVIDED TO THE BOISE CITY DEPARTMENT OF PUBLIC WORKS, INSPECTION SECTION, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

18. THE CONTRACTOR SHALL INSTALL A REMOVABLE PLUG UPSTREAM OF SSMH 715D1 BETWEEN SSMH 715D1 AND SSMH 715D2. THIS PLUG SHALL REMAIN IN PLACE DURING CONSTRUCTION UNTIL FINAL ACCEPTANCE OF THIS SEWER PROJECT.

19. THE CONTRACTOR SHALL CONSTRUCT THE SANITARY SEWER IN ACCORDANCE WITH THE STAMPED PLANS APPROVED BY THE BOISE CITY PUBLIC WORKS DEPARTMENT. THESE PLANS WILL BE PROVIDED TO THE CONTRACTOR BY THE PROJECT INSPECTOR PRIOR TO CONSTRUCTION. WORK SHALL NOT BE DONE WITHOUT THE CURRENT SET OF APPROVED

20. PRIOR TO CONSTRUCTION, TEMPORARY BENCHMARKS (TBM'S) SHALL BE SET IN THE FIELD BY A LICENSED SURVEYOR OR ENGINEER AND SHALL BE FLAGGED AND CLEARLY VISIBLE FROM ALL DIRECTIONS. A TBM SHALL BE LOCATED WITHIN 100-FEET OF TIE-IN TO EXISTING SEWER AND SPACED NO GREATER THAN 500-FEET ALONG THE SEWER ALIGNMENT THERE AFTER. TBM'S SHALL HAVE ELEVATIONS TIED TO THE NAVD 1988 DATUM.

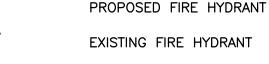
GENERAL LEGEND



EI = END INVERT SEWER SERVICE SANITARY SEWER MANHOLE

EXISTING SANITARY SEWER MANHOLE

4" SEWER SERVICE LINE -----TYPICAL WATER SERVICE

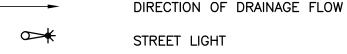


LOT NUMBER

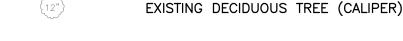
EXISTING FIRE HYDRANT



CATCH BASIN - ISPWC SD-601 W/12" SUMP



STREET LIGHT



EXISTING POWER LINE & POLE

DEVELOPMENT PLANS FOR

PINE TREE VILLAGE SUBDIVISION NO. 5

A PORTION OF THE NW1/4, SECTION 13,

TOWNSHIP 3 NORTH, RANGE 1 EAST, BOISE MERIDIAN,

BOISE. ADA COUNTY, IDAHO

RDR-1C

C-3D/DA

L-OD/DA

PROJECT SITE

CENTER NO.

NAVD 1988 DATUM

PLAN SHEET INDEX

SHEET DESCRIPTION

- COVER SHEET, INDEX, VICINITY MAP, & NOTES
- 2. FINAL PLAT

| | R|-†C|

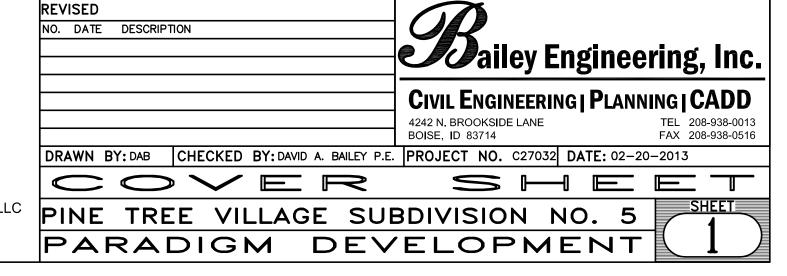
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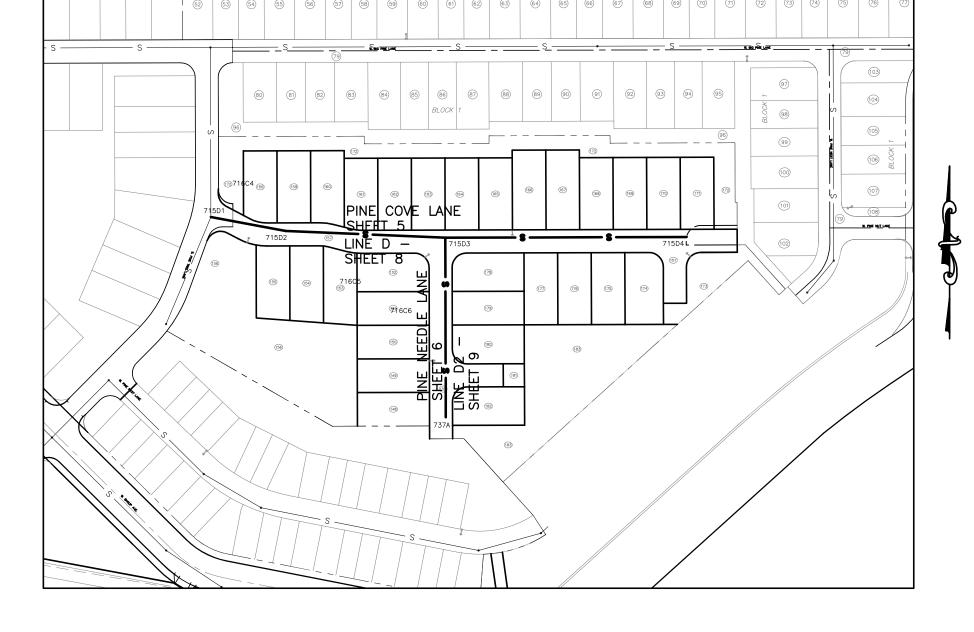
| | | RH2D|,

C-4D

- 3. 1GRADING PLAN
- STREET PLAN & PROFILE W. PINE COVE LANE
- STREET PLAN & PROFILE S. PINE NEEDLE LANE
- STREET AND DRAINAGE DETAILS
- SEWER PLAN & PROFILE LINE D
- SEWER PLAN & PROFILE LINE D2
- 9. UNITED WATER PLAN
- 10. PRESSURE IRRIGATION PLAN

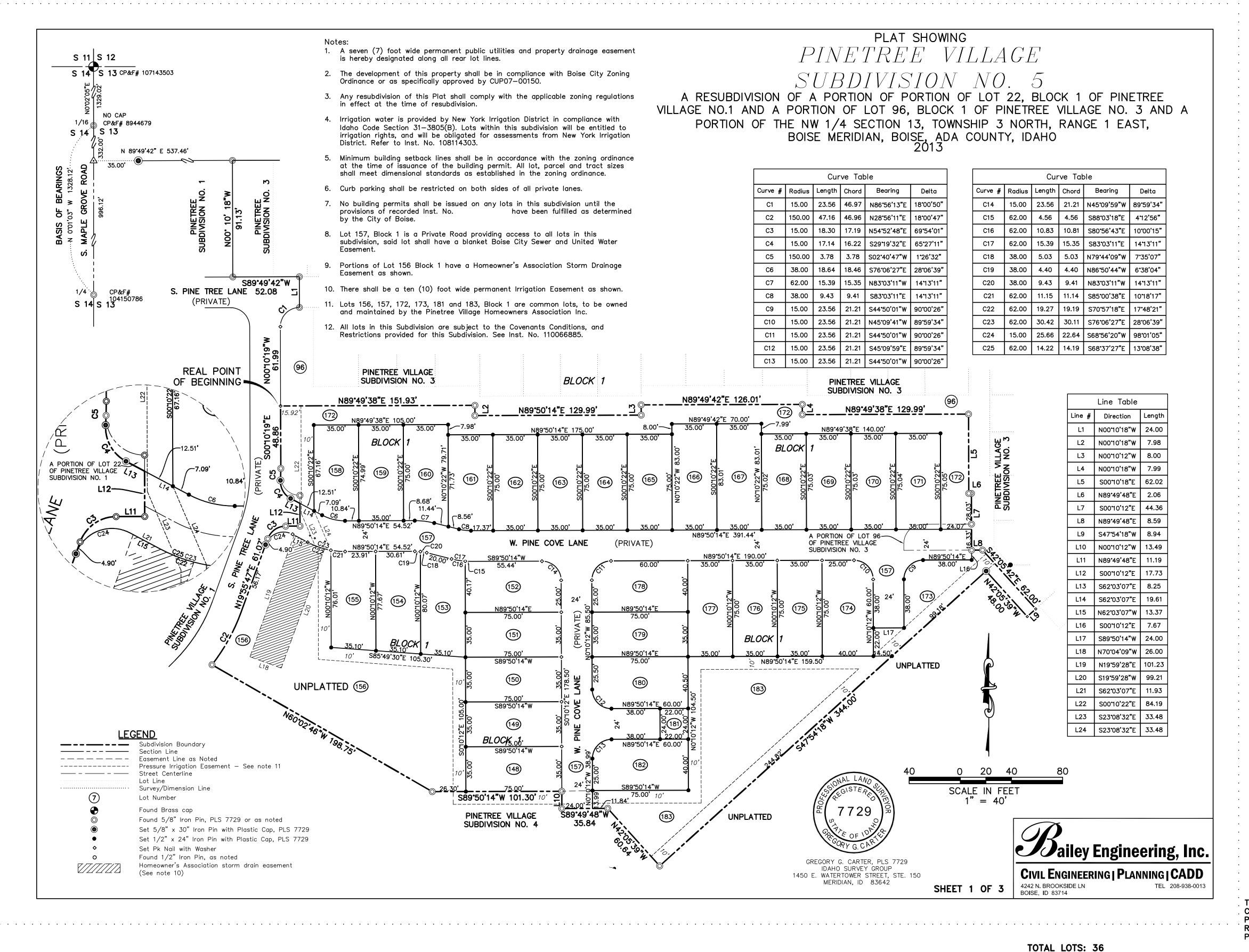






STREET & SEWER INDEX MAP -NTS-

DEVELOPER PARADIGM DEVELOPMENT, LLC 1403 MACE ROAD EAGLE, ID 83616



THE PLAT HAS BEEN ADDED TO THE CONSTRUCTION SET FOR REFERENCE PURPOSES ONLY. FOR EXACT INFORMATION REFER TO THE RECORDED PLAT OF PINETREE VILLAGE SUBDIVISION NO. 5.

Plans Are Accepted For Public Street Construction

REVISED

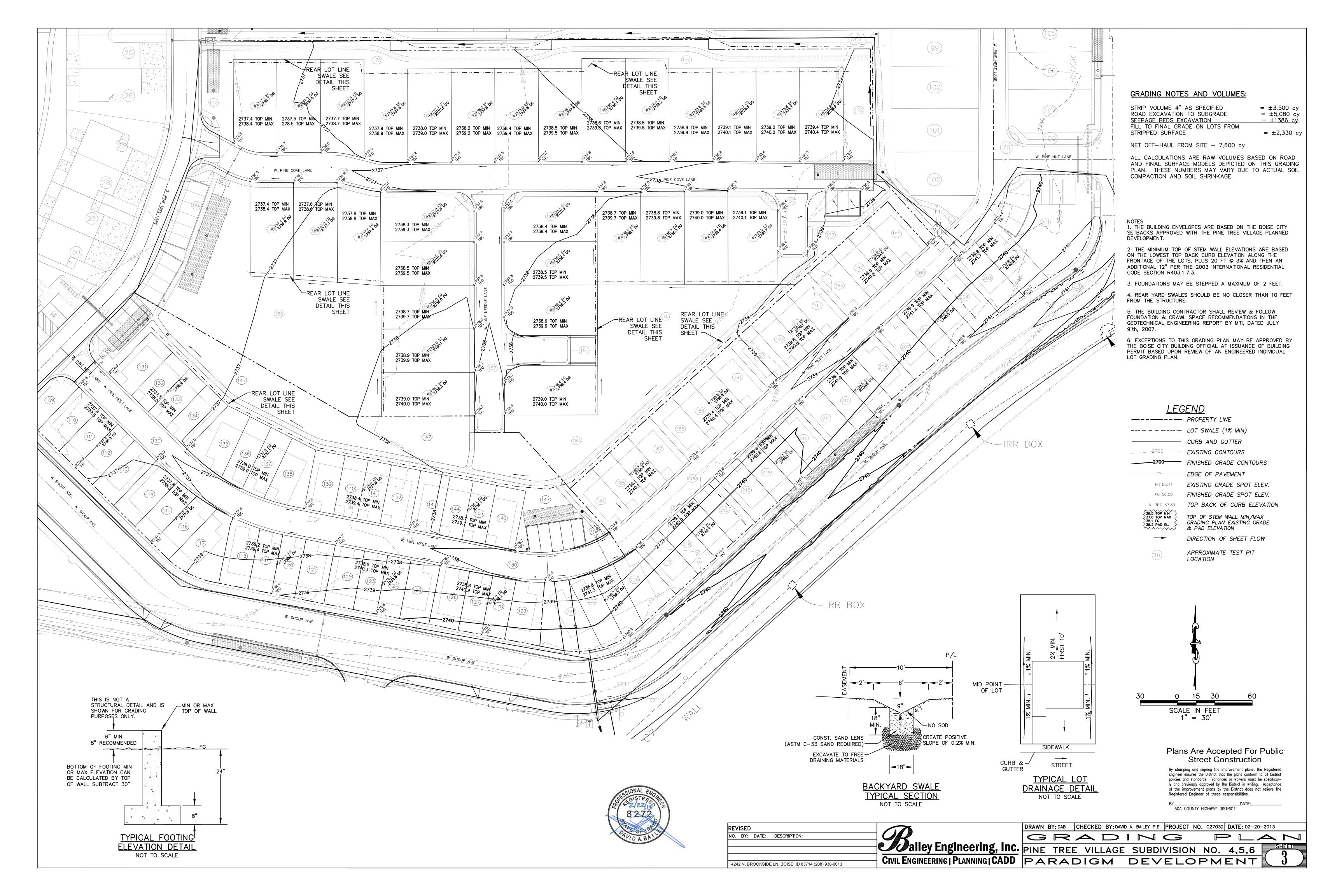
By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifical ly and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

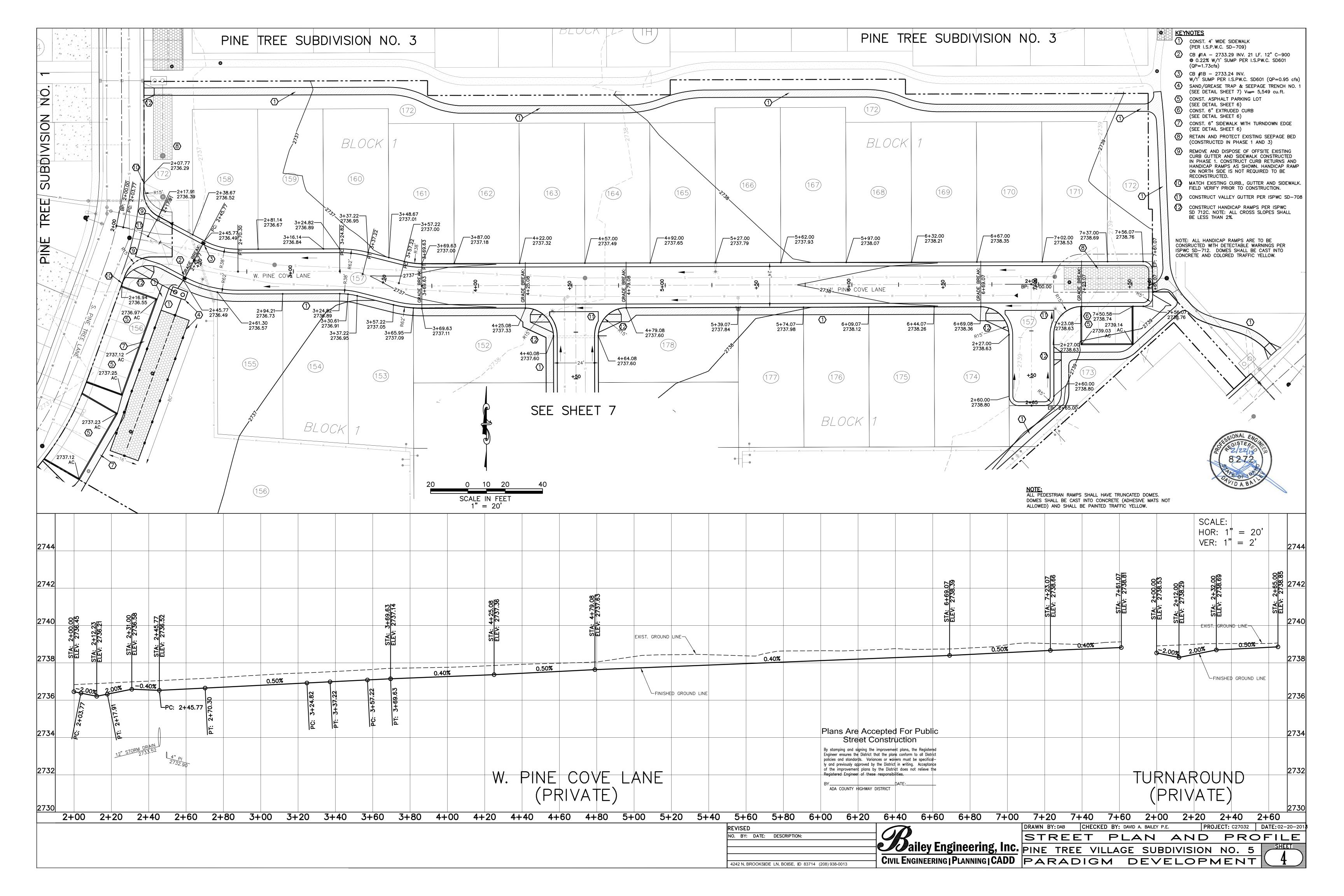
ADA COUNTY HIGHWAY DISTRICT

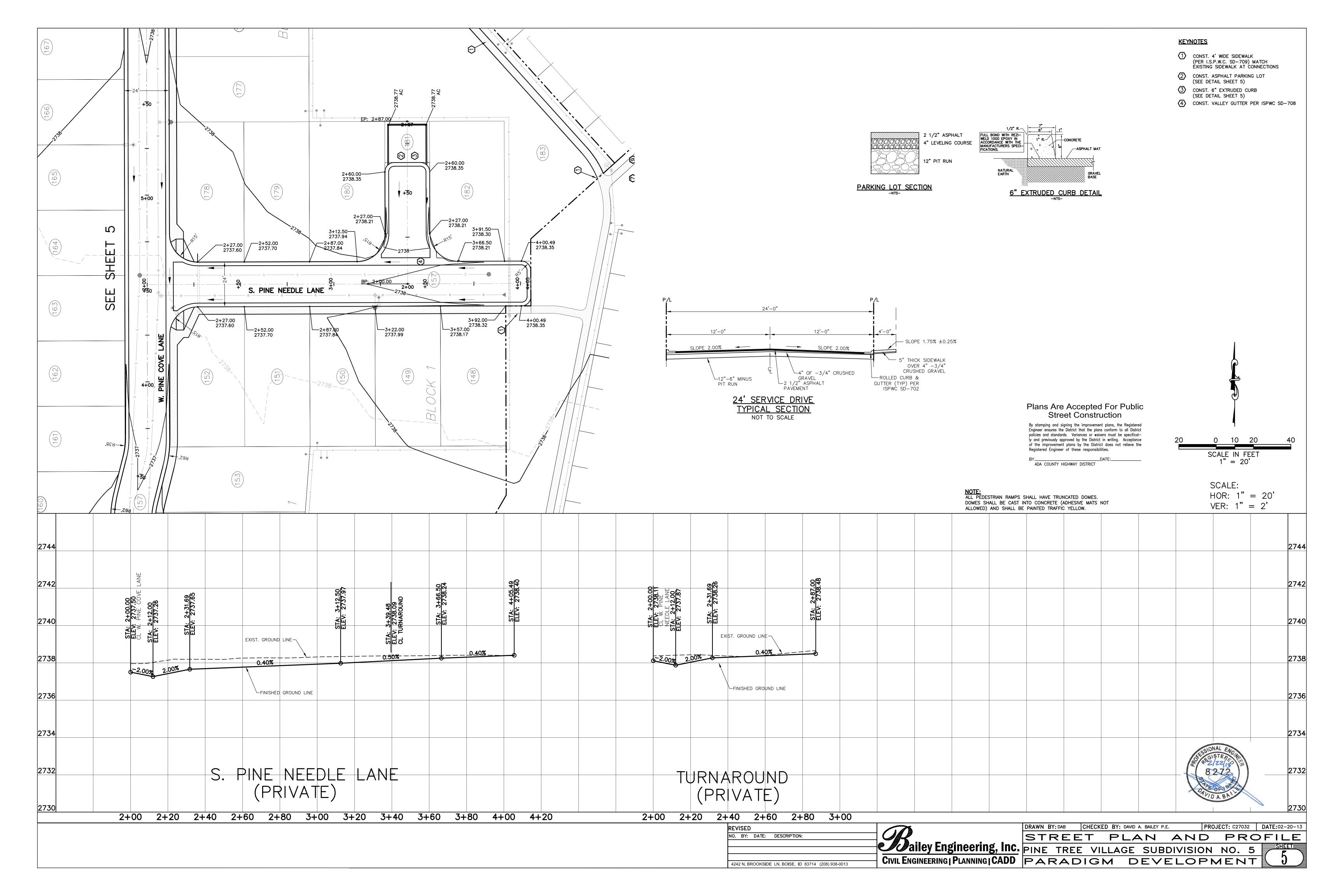
Sailey Engineering, Inc. NO. DATE DESCRIPTION CIVIL ENGINEERING | PLANNING | CADD 4242 N. BROOKSIDE LANE BOISE, ID 83714 FAX 208-938-0516

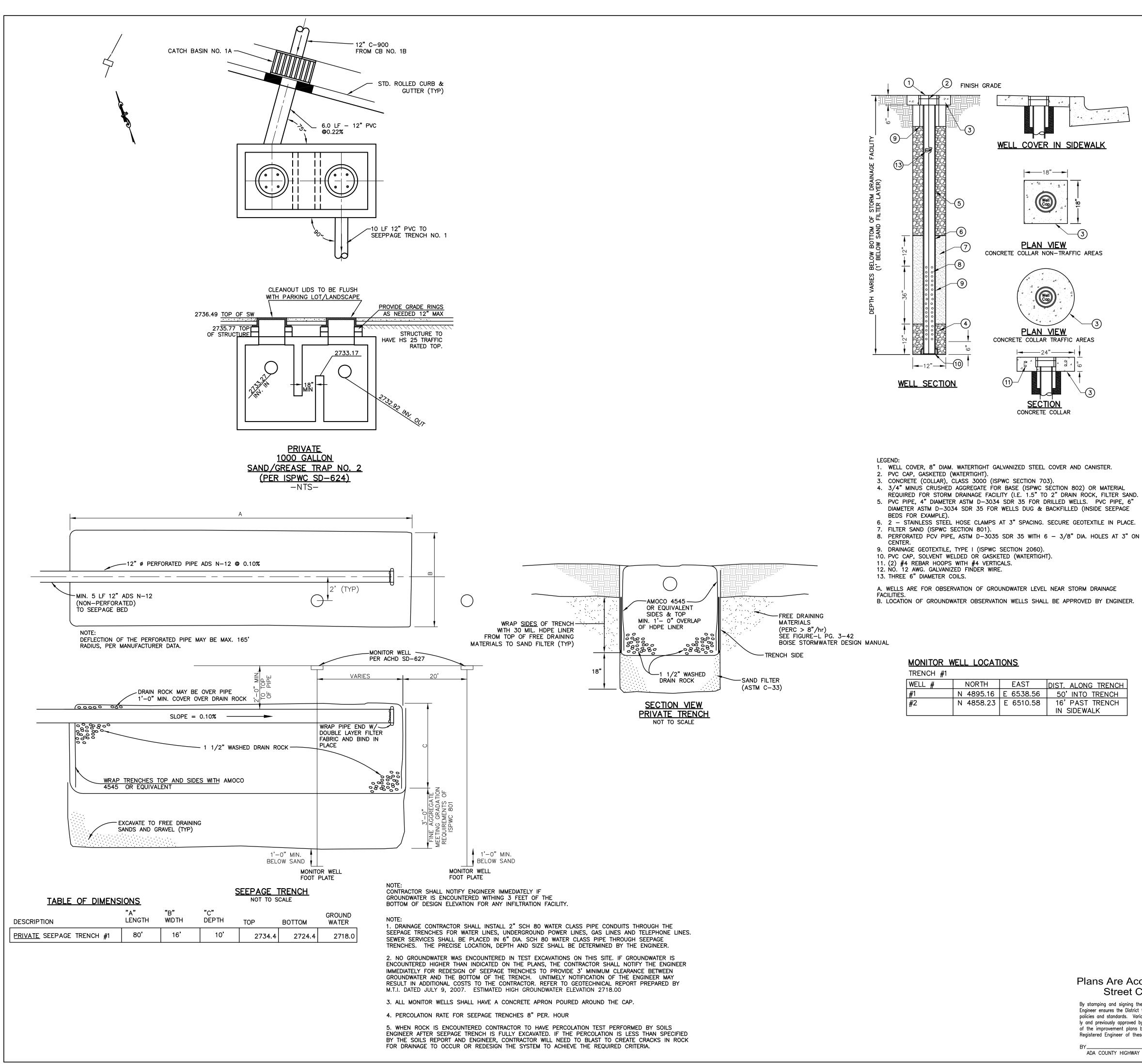
DRAWN BY: DAB CHECKED BY: DAVID A. BAILEY P.E. PROJECT NO. C27032 DATE: 02-20-2013

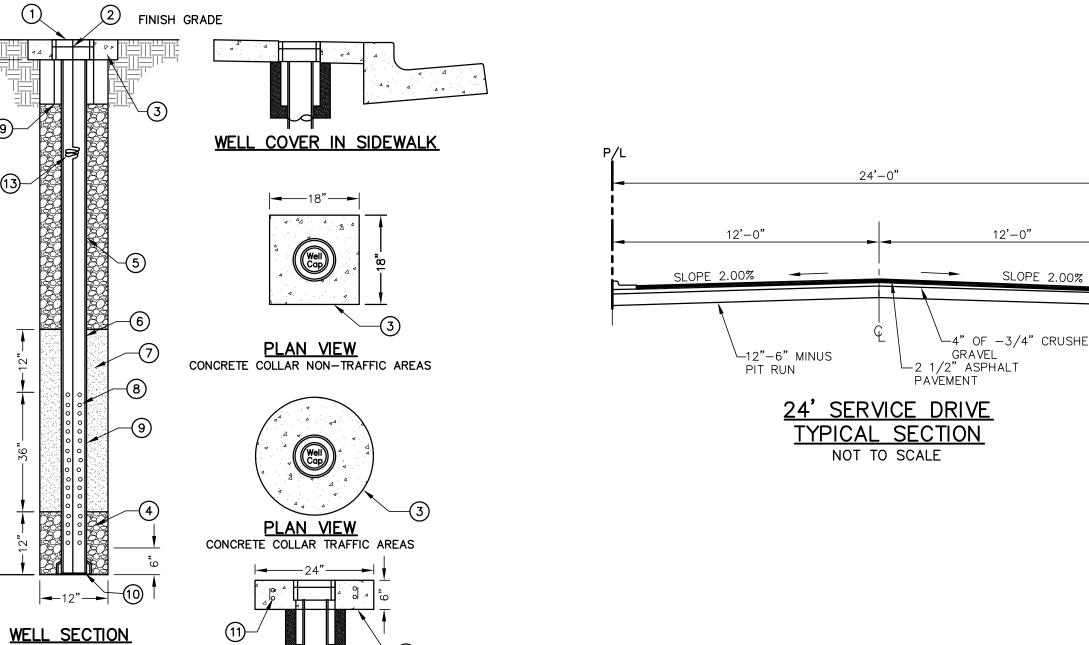
PINETREE VILLAGE NO.5 PARADIGM DEVELOPMENT











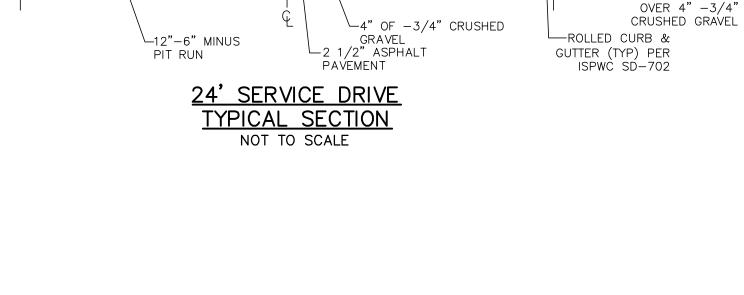
CONCRETE COLLAR

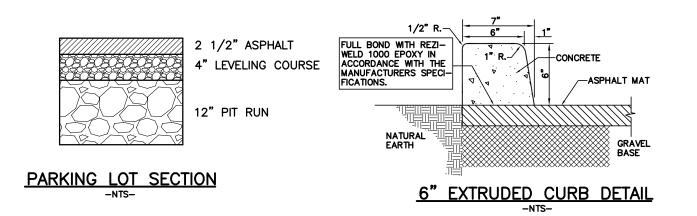
NORTH | EAST | DIST. ALONG TRENCH

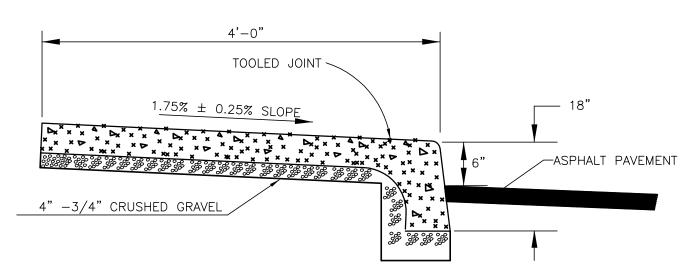
IN SIDEWALK

N 4895.16 E 6538.56 50' INTO TRENCH

N 4858.23 E 6510.58 | 16' PAST TRENCH







THICKENED EDGE SIDEWALK DETAIL -NTS-



—SLOPE 1.75% ±0.25%

5" THICK SIDEWALK

Plans Are Accepted For Public Street Construction

REVISED

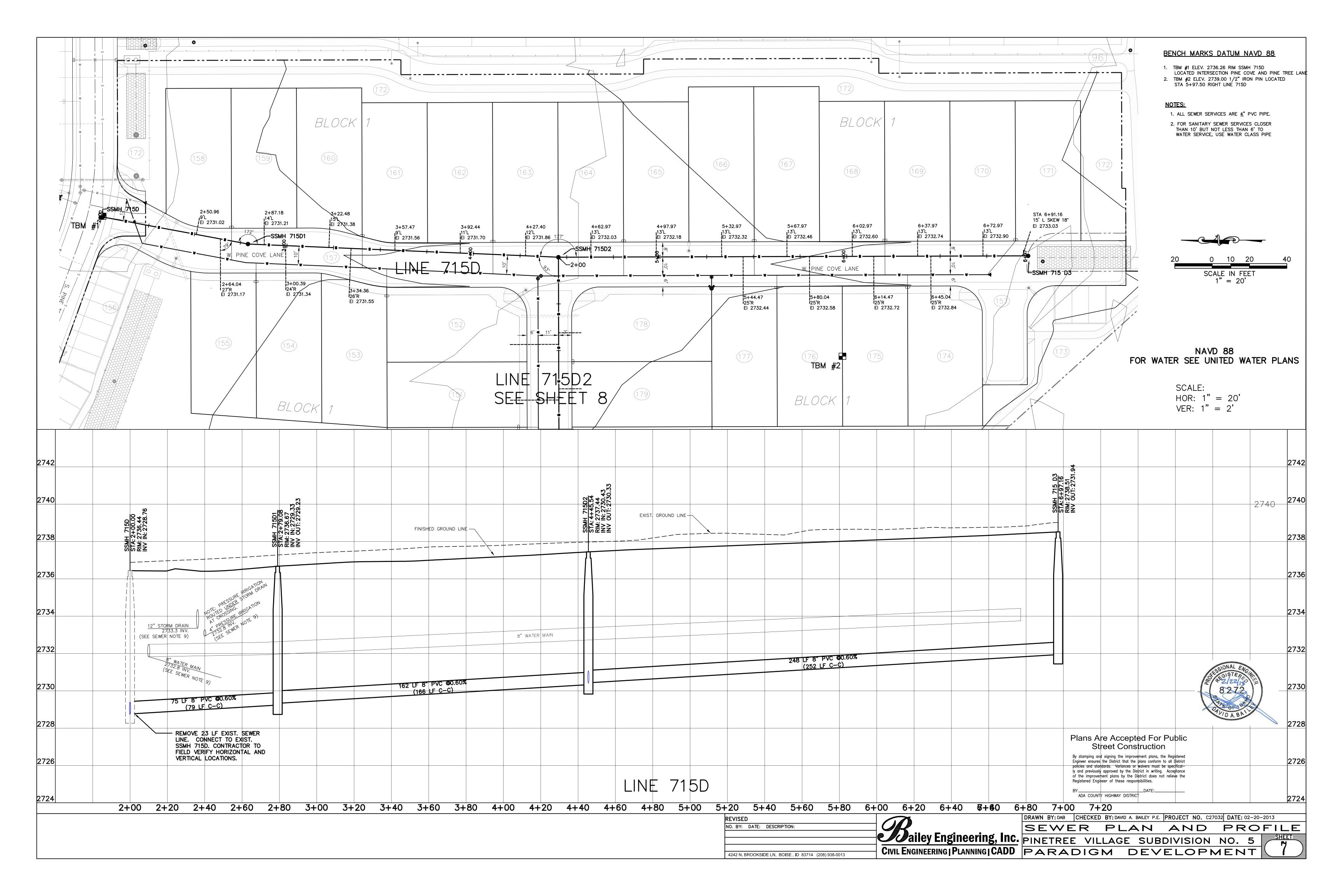
By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the

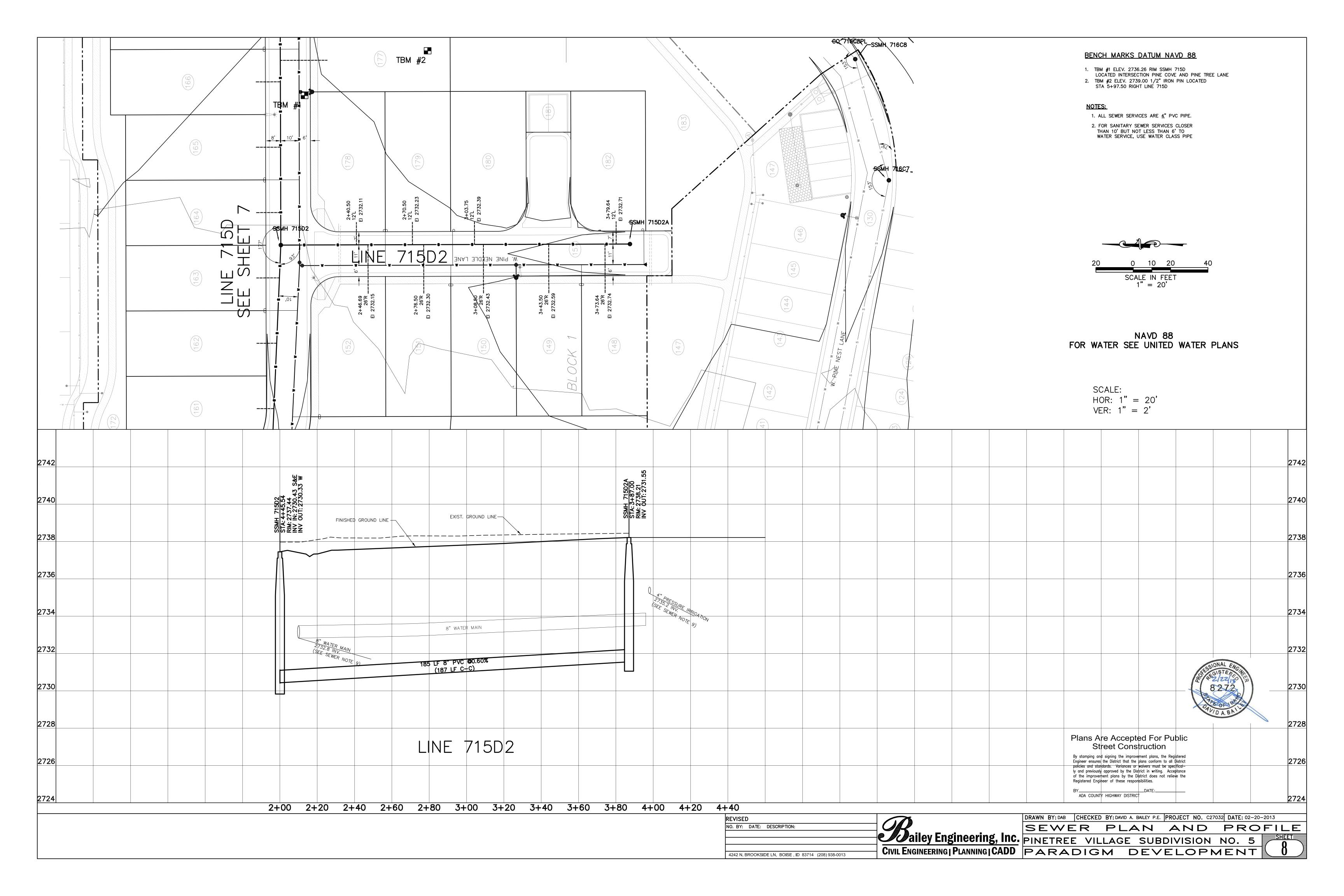
BY_____ADA COUNTY HIGHWAY DISTRICT

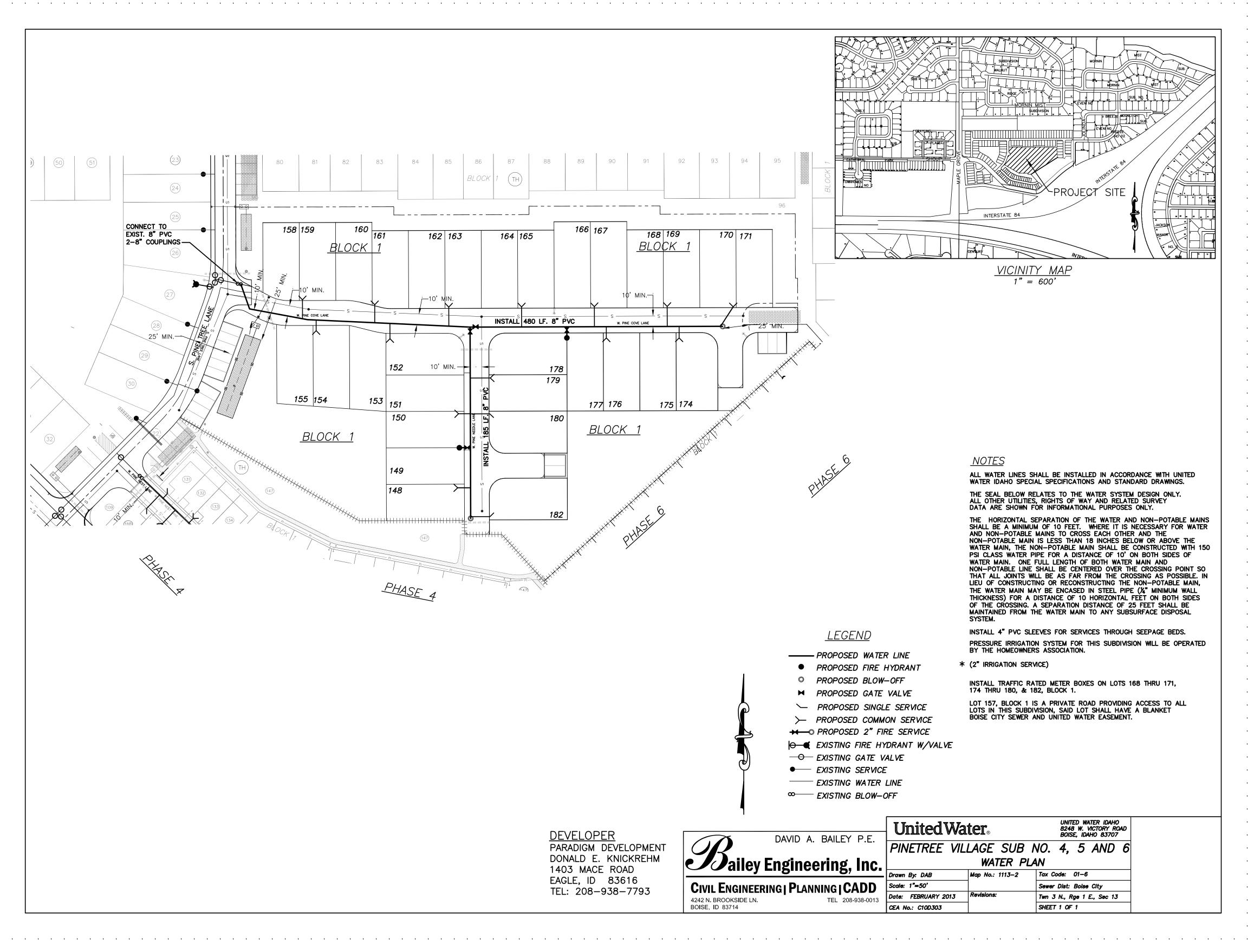
Registered Engineer of these responsibilities.

МО. БТ.	DATE: L	DESCRIP HON:		(Sailey Engineering, Inc.		
					CIVIL ENGINEERIN 1472 E. IRON EAGLE DRIVE	•	NG CADD TEL 208-938-0013
DRAWN	BY: DAB	CHECKED	BY: DAVID A. B	AILEY P.E.	PROJECT NO. C27032		FAX 208-938-0516 2013
	R/	<u> </u>) E	DE	TA	LS
PINE	TRE	E VII	LAGE	SUE	BDIVISION N	10. 5	SHEET

PARADIGM DEVELOPMENT \ \ \ \]







Plans Are Accepted For Public Street Construction

By stamping and signing the improvement plans, the Registered Engineer ensures the District that the plans conform to all District policies and standards. Variances or waivers must be specifically and previously approved by the District in writing. Acceptance of the improvement plans by the District does not relieve the Registered Engineer of these responsibilities.

BY_____DATE:___ ADA COUNTY HIGHWAY DISTRICT

