

GARDINER TERRACE PHASE 2, DIVISION 1

SITUATE IN THE SOUTH HALF OF THE NORTH HALF OF SEC. 19, TWP. 39 N., RGE. 2 E., W.M., CITY OF FERNDALE, WHATCOM COUNTY, WASHINGTON

WATER, SEWER, STORM DRAINAGE AND ROADWAY IMPROVEMENTS

LEGEND

■ FIND BR CAP IN CONCRETE

■ FIND CONC. MON.
■ FIND #5 REBAR W/PLAS. CAP PLS#9947
■ FIND REBAR AND CAP PLS#24218

□ FIND 2.5" ALUM. MON.
□ FIND #4 REBAR W/PLAS. CAP PLS#24218

Δ FIND PK NAIL

O FIND NAIL AND BR TAG
■ FIND NAIL AND BR TAG
■ EXISTING WATER BLOW OFF VALVE
■ EXISTING WATER BLOW OFF VALVE
■ EXISTING WATER WITH BOX
□ EXISTING WATER HITH BOX
□ EXISTING WATER LINE
□ EXISTING STORM DRAIN MANHOLE
□ EXISTING STORM DRAIN CATCH BASIN
■ EXISTING SANITARY SEWER LINE
■ PEXISTING SANITARY SEWER LINE
■ PP EXISTING WOOD POWER POLE
□ EXISTING WOOD POWER POLE
□ EXISTING WOOD POWER POLE
□ EXISTING UNDERGROUND TELEPHONE PEDESTAL
□ U.E. EXISTING UNDERGROUND ELECTRIC PEDESTAL
□ U.E. EXISTING UNDERGROUND TELEVISION CABLE
■ EXISTING STOP SIGN
■ EXISTING WAILBOX
■ EXISTING WOODP FENCE
■ PROPOSED SANITARY SEWER MANHOLE

EXISTING WOODP FENCE
■ PROPOSED SANITARY SEWER MANHOLE

■ PROPOSED SANITARY SEWER MANHOLE

■ PROPOSED SANITARY SEWER MANHOLE

■ PROPOSED STORM DRAIN MANHOLE (USE SSMH TYPE II, 48")

= PROPOSED CATCH BASIN/CURB INLET

= PROPOSED BLOW OFF ASSEMBLY

= PROPOSED SANITARY SEWER LINE

PROPOSED DOUBLE WATER SERVICE

= PROPOSED SINGLE WATER SERVICE

= PROPOSED DOUBLE SEWER SERVICE

= PROPOSED SINGLE SEWER SERVICE

PROPOSED MAILBOX CLUSTER

ABBREVIATIONS

RIGHT OF WAY FLOWLINE

BEGIN CURVE

CURVE LENGTH

EXISTING GRADE
FINISH GRADE
FINISH SURFACE
FINISH FLOOR
INVERT ELEVATION
TOP OF WALL
BOTTOM OF WALL

TOP OF FOOTING TOP OF CURB TOP OF PIPE

FIRE HYDRANT

EDGE OF PAVEMENT

STORM DRAIN CATCH BASIN STORM DRAIN MANHOLE SANITARY SEWER CLEAN-OUT SANITARY SEWER MANHOLE

END CURVE

BEGIN CURB RETURN

BEGIN VERTICAL CURVE END VERTICAL CURVE CURVE RADIUS

POINT OF COMPOUND CURVATURE

POINT OF REVERSE CURVATURE POINT OF VERTICAL INTERSECTION

END CURB RETURN

= PROPOSED STORM DRAIN LINE

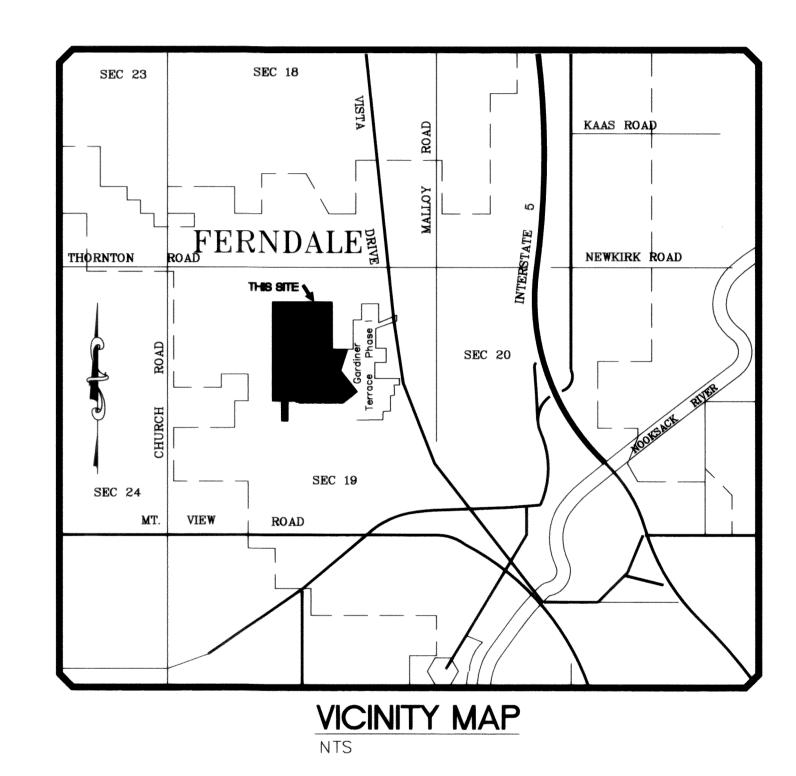
= PROPOSED FIRE HYDRANT

■ PROPOSED WATER VALVE

→ PROPOSED ROOF/YARD/FOUNDATION DRAIN SERVICE W/6" PVC LINE

SHEET INDEX

- 1.) COVER SHEET
- 2.) PROJECT OVERVIEW
- 3.) EXISTING TOPOGRAPHY
- 4.) GRADING PLAN
- 5-6.) ROADWAY & STORM DRAINAGE ARTIST DRIVE
- 7.) ROADWAY & STORM DRAINAGE SHANNON AVENUE
- 8-9.) WATER & SEWER ARTIST DRIVE
- 10.) WATER & SEWER SHANNON AVENUE
- 11-12.) EROSION & SEDIMENTATION CONTROL PLAN
 - 13.) GENERAL NOTES
- 14-15) MISCELLANEOUS DETAILS



SURVEY NOTES:

- 1) BOUNDARY & CONTROL/BASIS OF BEARING PER THAT RECORD OF SURVEY RECORDED UNDER WHATCOM COUNTY AUDITOR'S FILE # 920903067 AND THAT PLAT OF "AMENDED GARDINER TERRACE, PHASE I" RECORDED UNDER WHATCOM COUNTY AUDITOR'S FILE # 1980802934.
- EXISTING CONTOUR INTERVAL IS 2-FOOT & COMPUTER GENERATED FROM FIELD DATA COLLECTED ELECTRONICALLY FROM ROBOTIC TOTAL STATION EQUIPMENT.
- 3) VERTICAL DATUM: NAVD 1929. BENCH MARK= USGS L6=26B, ELEV.=34.96'

AS-BUILT SET

I HEREBY CERTIFY THAT THE IMPROVEMENTS IN GARDINER TERRACE, PHASE II, DIVISION 1 HAVE BEEN INSPECTED BY PACIFIC SURVEYING AND ENGINEERING 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.

ALEXANDER W. URQUHART
P.E. NO. 38240

DATE

DATE

17 4 03

38240

38240

DEC 2.2 2003 CITY OF FERNDALE

CALL BEFORE
YOU DIG
1-800-424-5555

ROAD INTERSECTION EQUATIONS

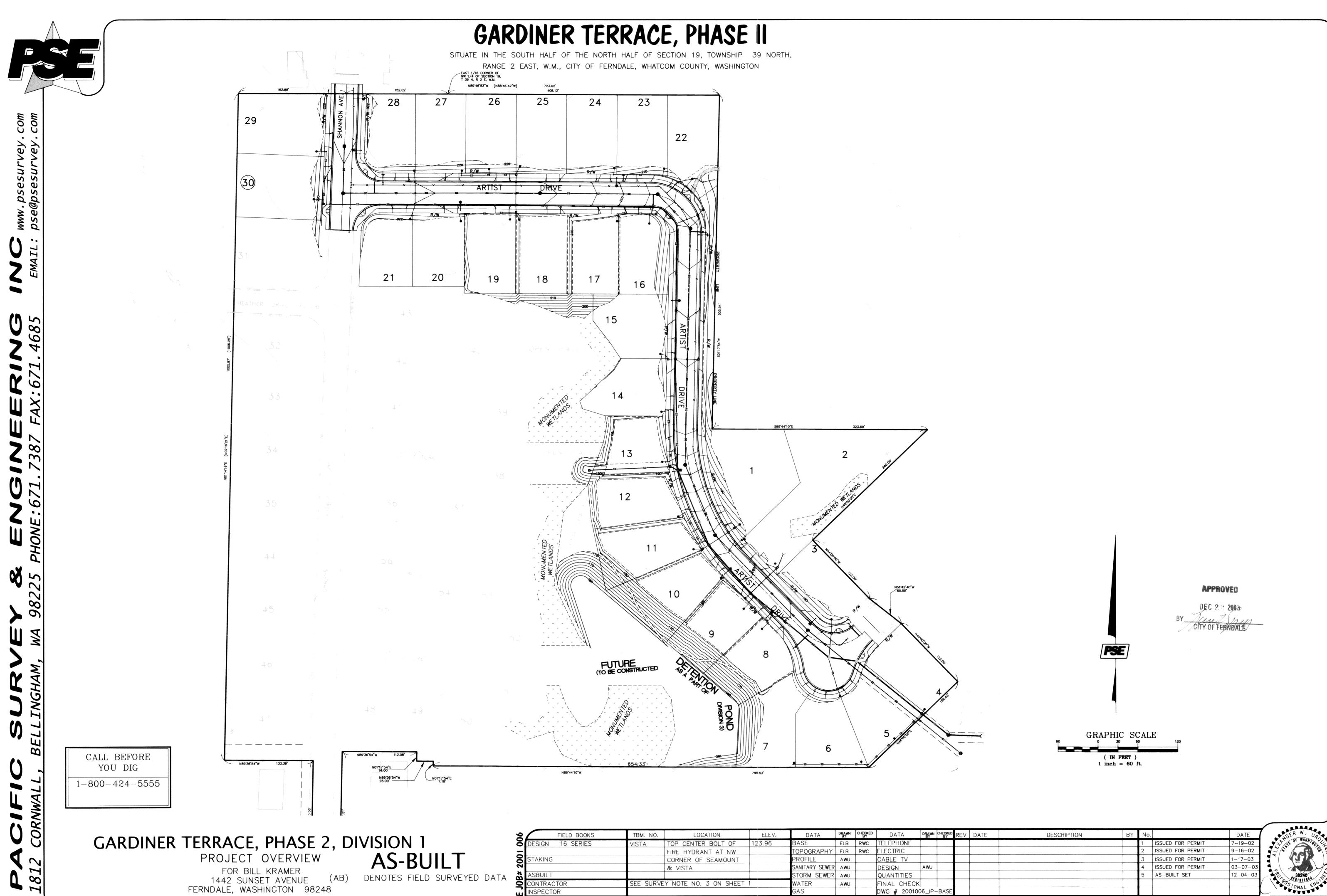
STA 14+52.79 SHANNON AVE. = STA 5+04.26 ARTIST DRIVE
STA 18+22.08 ARTIST DR. (NEW) = STA 8+22.08 ARTIST DR. (EX.)

FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN	CHECKED	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY	No.		DATE
DESIGN 16 SERIES	VISTA	TOP CENTER BOLT OF	123.96	BASE	ELB	RWC	TELEPHONE							1	ISSUED FOR PERMIT	7-19-02
		FIRE HYDRANT AT NW		TOPOGRAPHY	ELB	RWC	ELECTRIC							2	ISSUED FOR PERMIT	9-16-02
STAKING		CORNER OF SEAMOUNT		PROFILE	AWU		CABLE TV							3	ISSUED FOR PERMIT	1-17-03
		& VISTA		SANITARY SEWER	AWU		DESIGN	AWU						4	ISSUED FOR PERMIT	3-07-03
ASBUILT				STORM SEWER	AWU		QUANTITIES							5	AS-BUILT SET	12-04-0
CONTRACTOR	SEE SURVE	EY NOTE NO. 3 ON SHEET 1		WATER	AWU		FINAL CHECK									
INSPECTOR				GAS			DWG # TITLE_S	SHEET							The second secon	
CONSTRUCTION RECORD		VERTICAL DATUM				PLAN	CHECK					REVISIONS			ISSUE	

EXPIRES: 04/28/2004







E SURVEY NOTE NO. 3 ON SHEET

VERTICAL DATUM

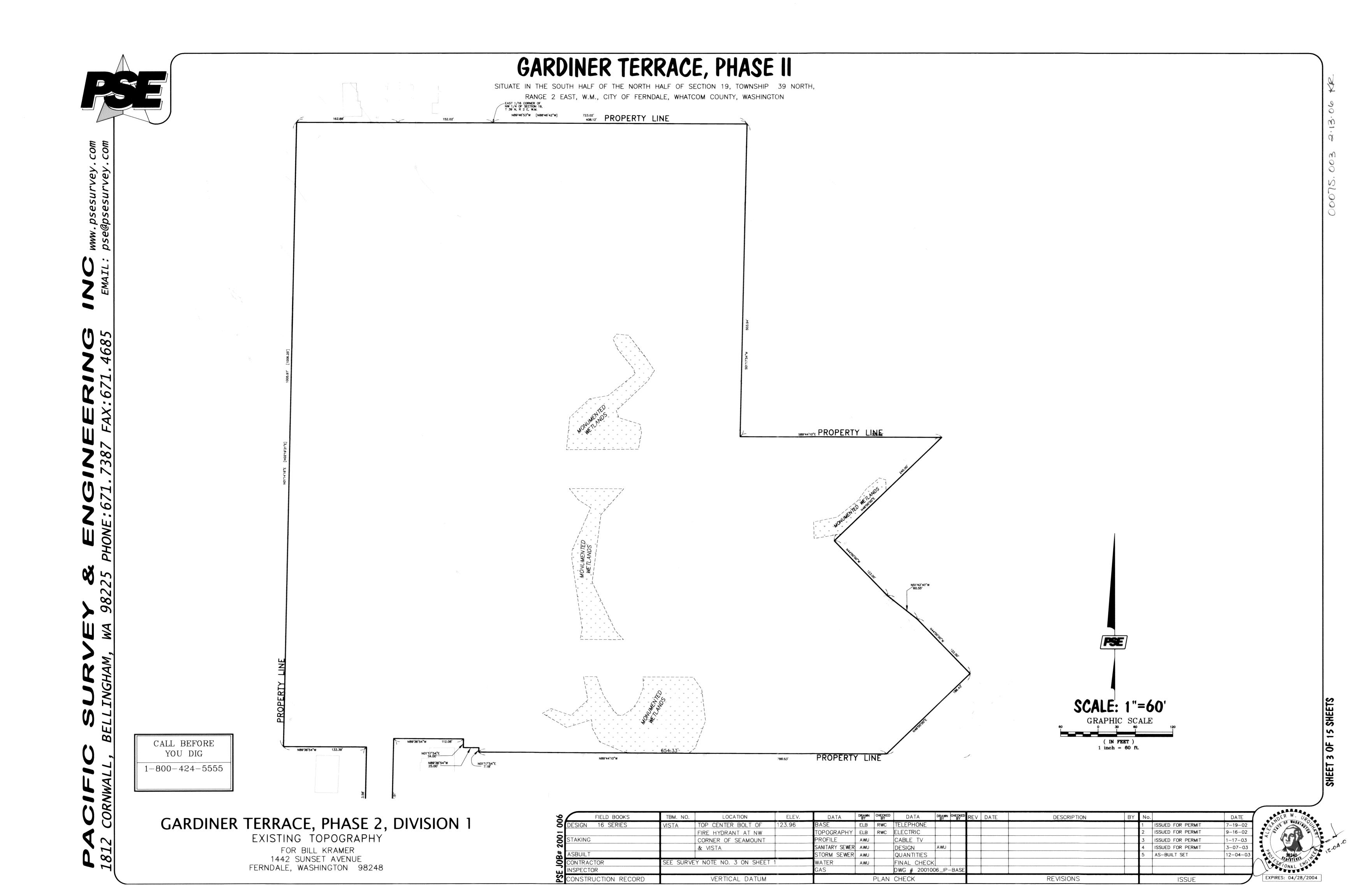
FINAL CHECK

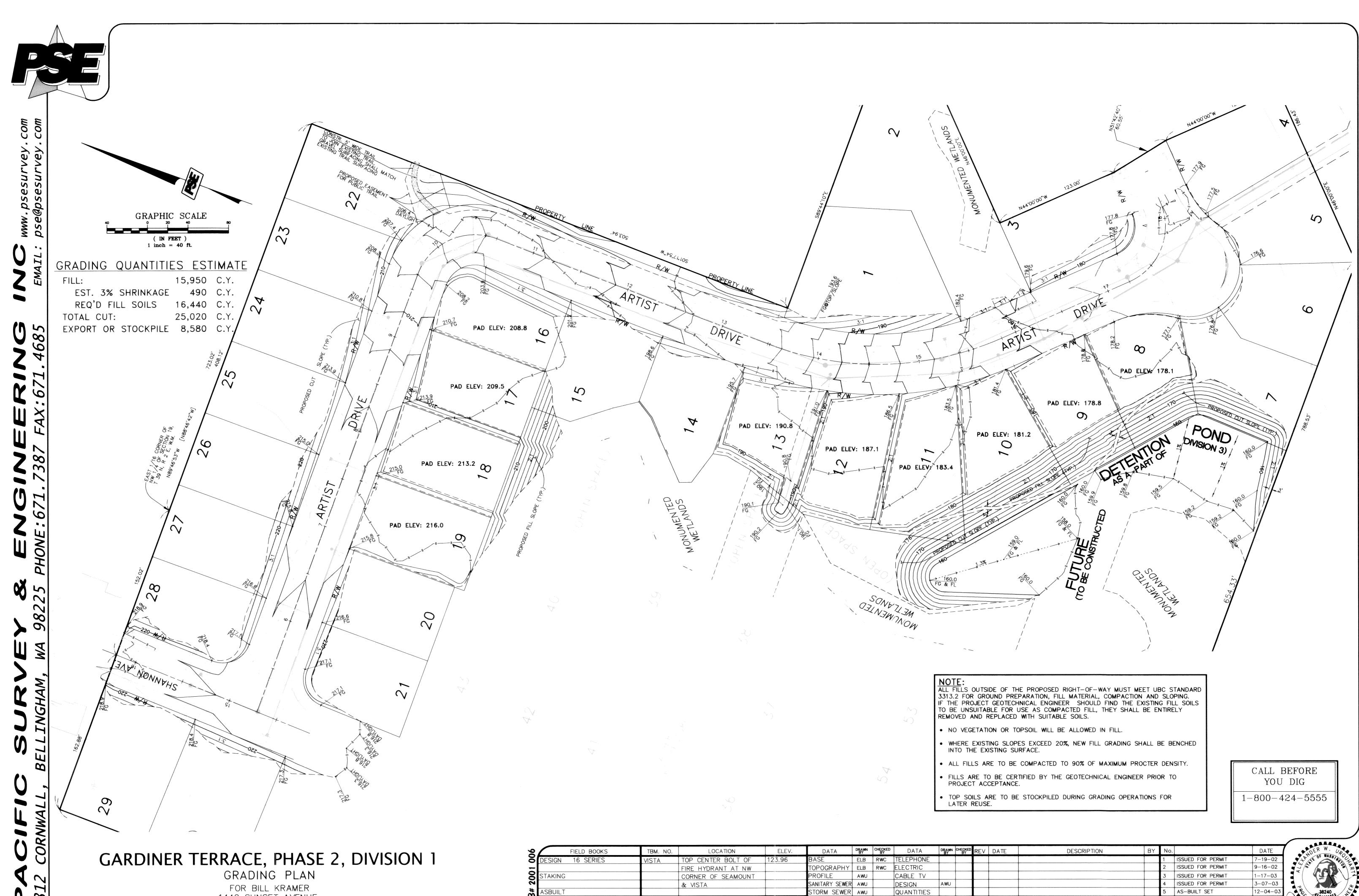
DWG # 2001006_IP-BAS

REVISIONS

ISSUE

PLAN CHECK





EE SURVEY NOTE NO. 3 ON SHEET 1

VERTICAL DATUM

1442 SUNSET AVENUE

FERNDALE, WASHINGTON 98248

QUANTITIES

PLAN CHECK

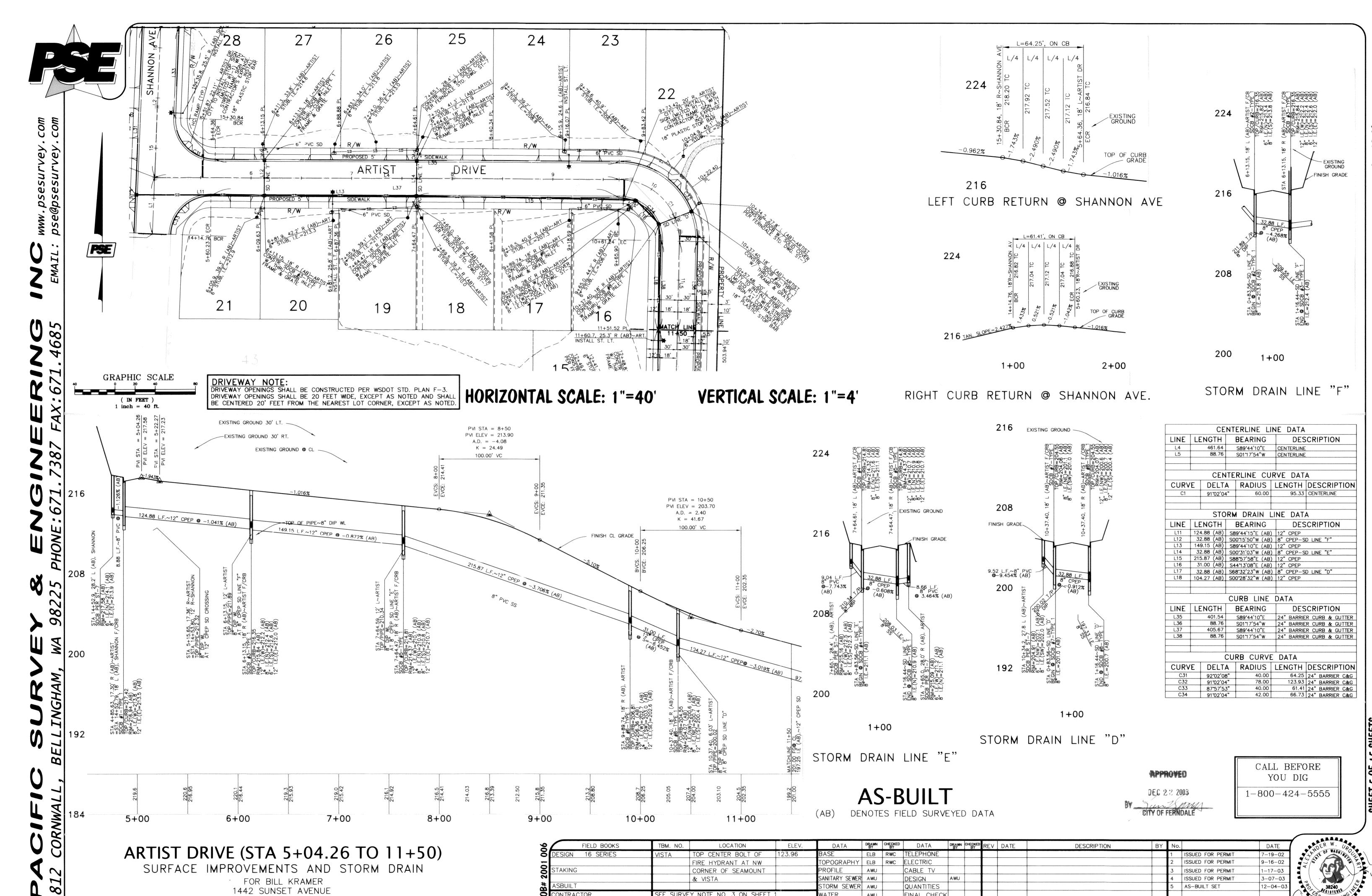
FINAL CHECK

DWG # 2001006_IP-BAS

AS-BUILT SET

ISSUE

REVISIONS



EE SURVEY NOTE NO. 3 ON SHEET 1

VERTICAL DATUM

DWG # 2001006_IP-BAS

REVISIONS

PLAN CHECK

ONTRACTOR

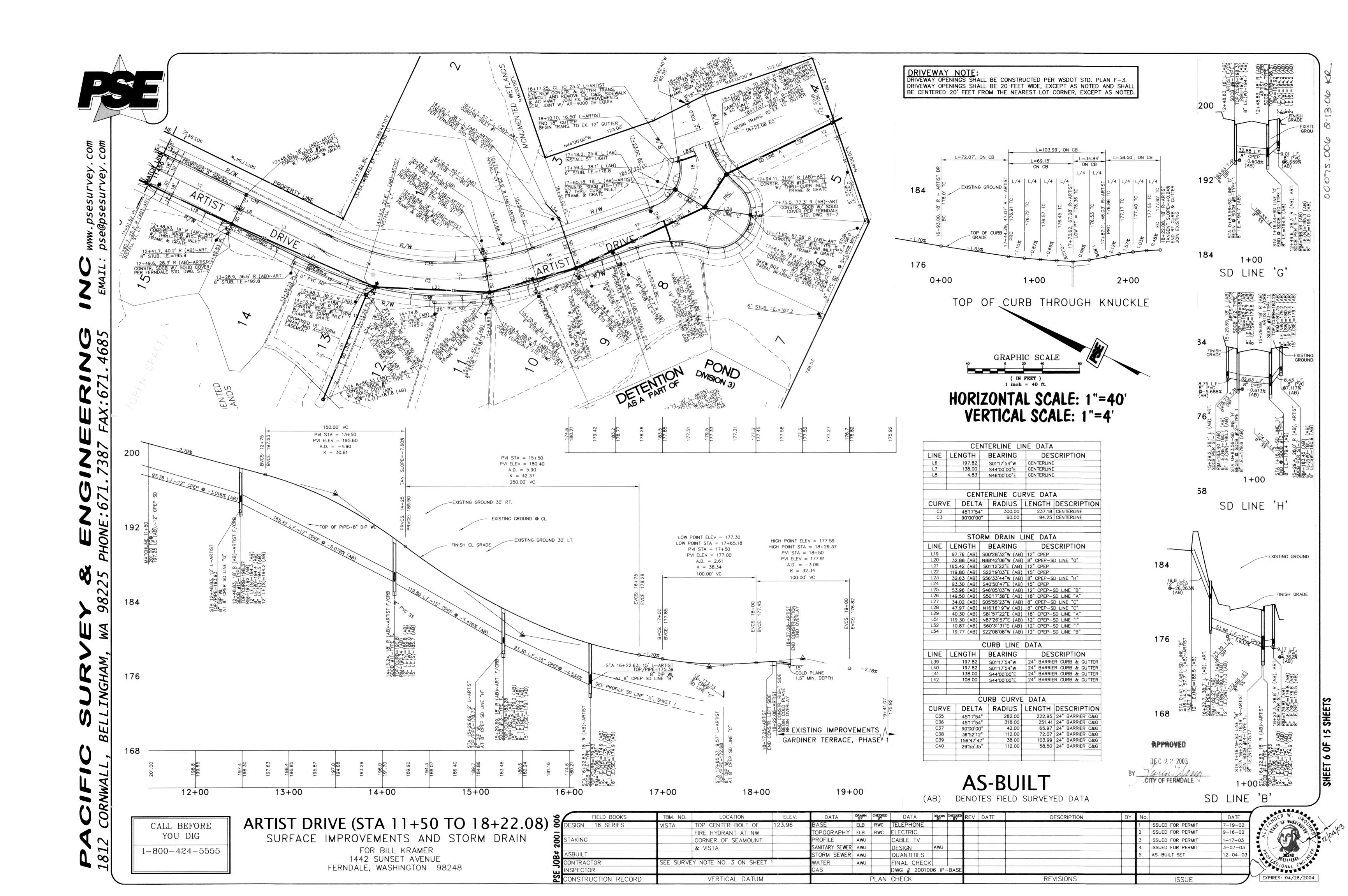
CONSTRUCTION RECORD

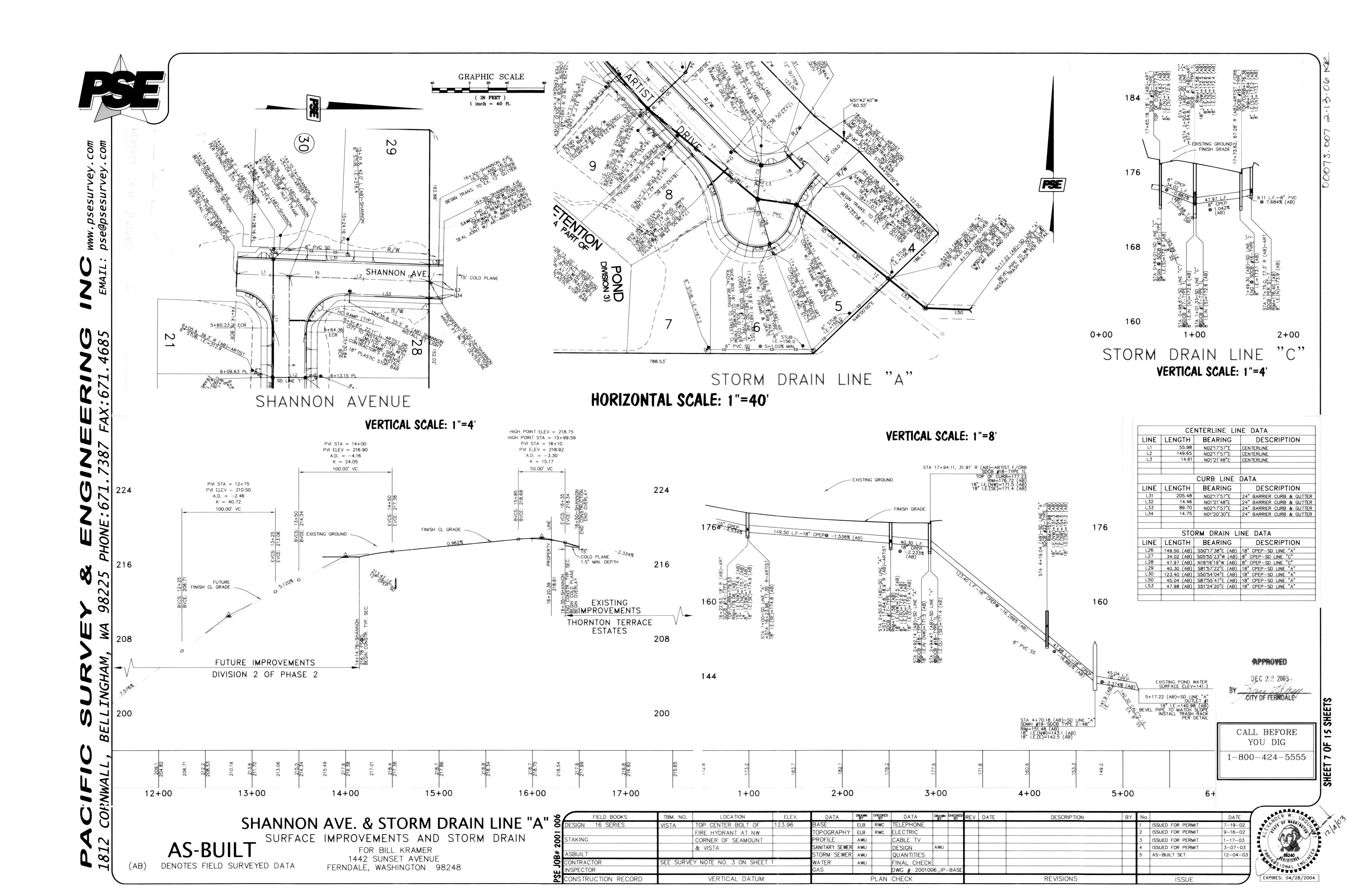
FERNDALE, WASHINGTON 98248

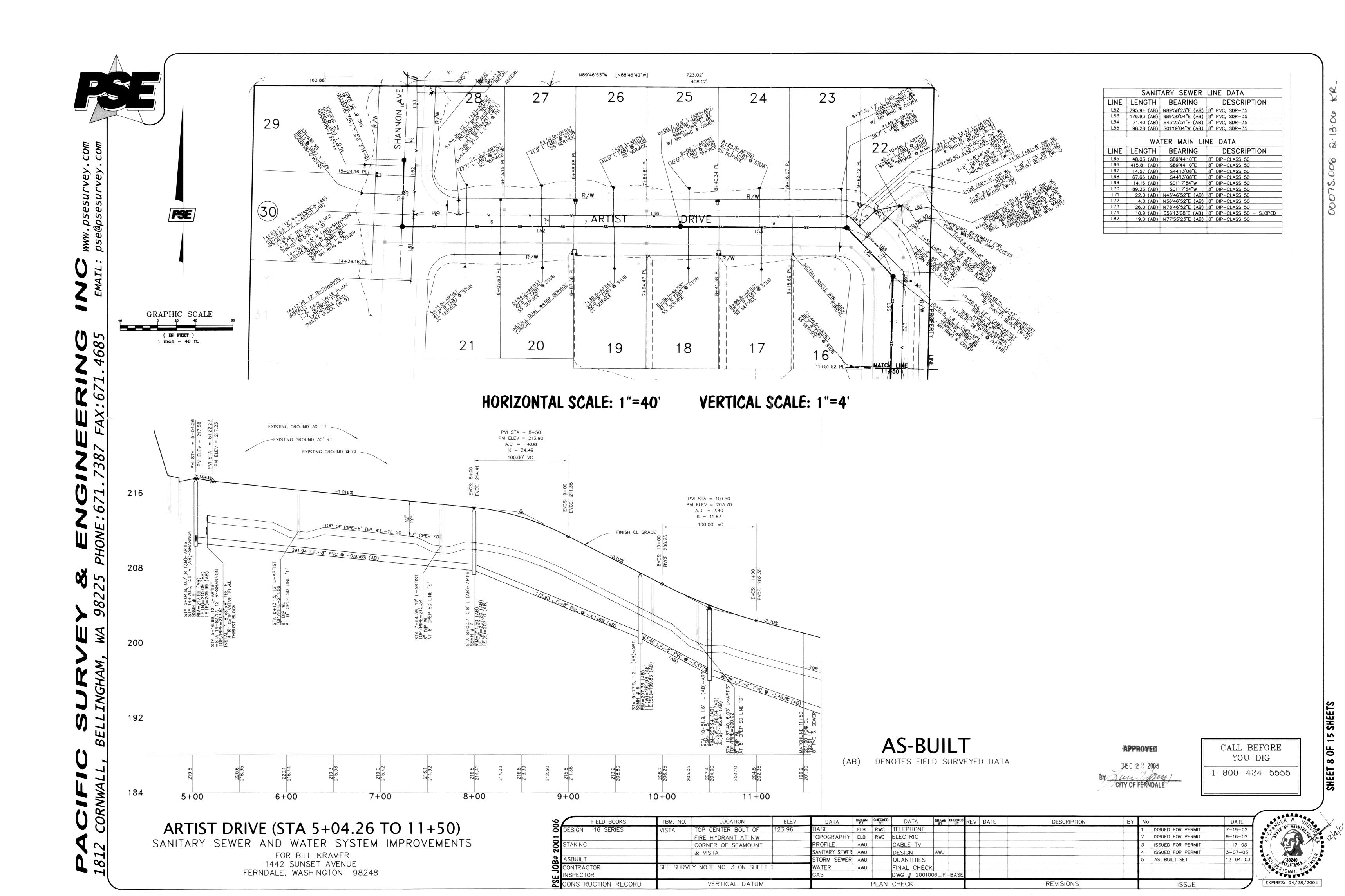
SHEET 5 OF 15 SHEETS

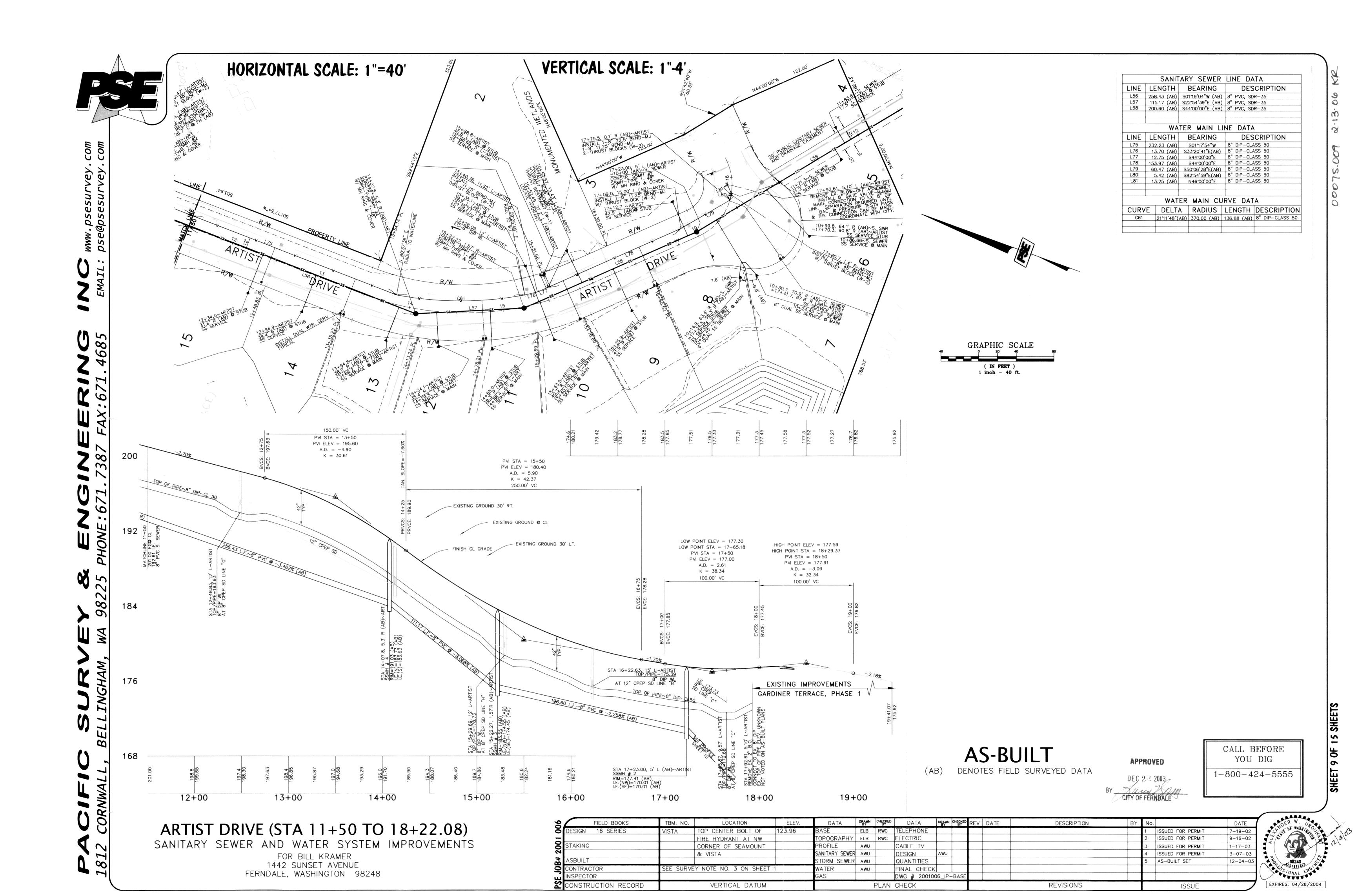
EXPIRES: 04/28/2004

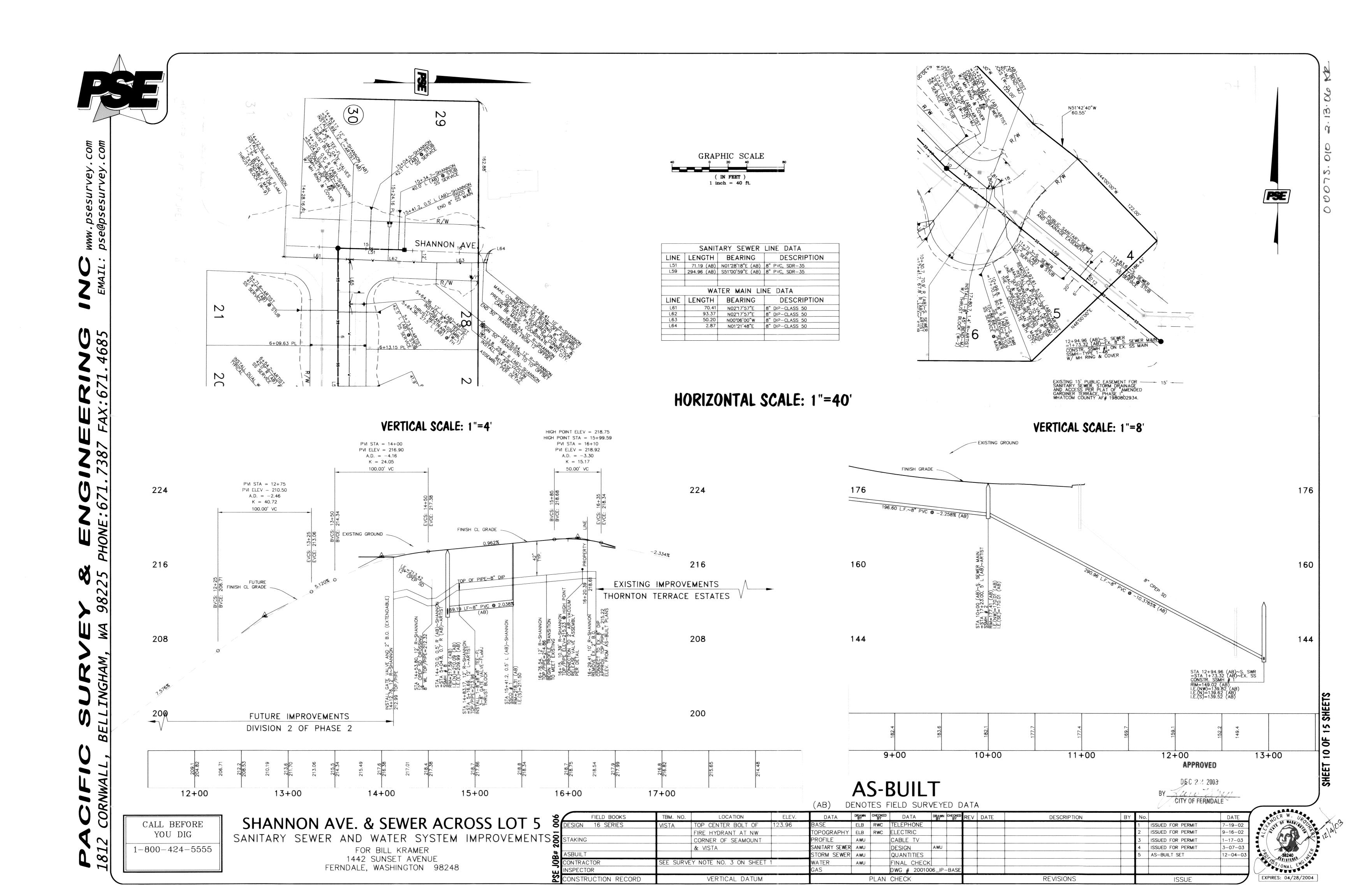
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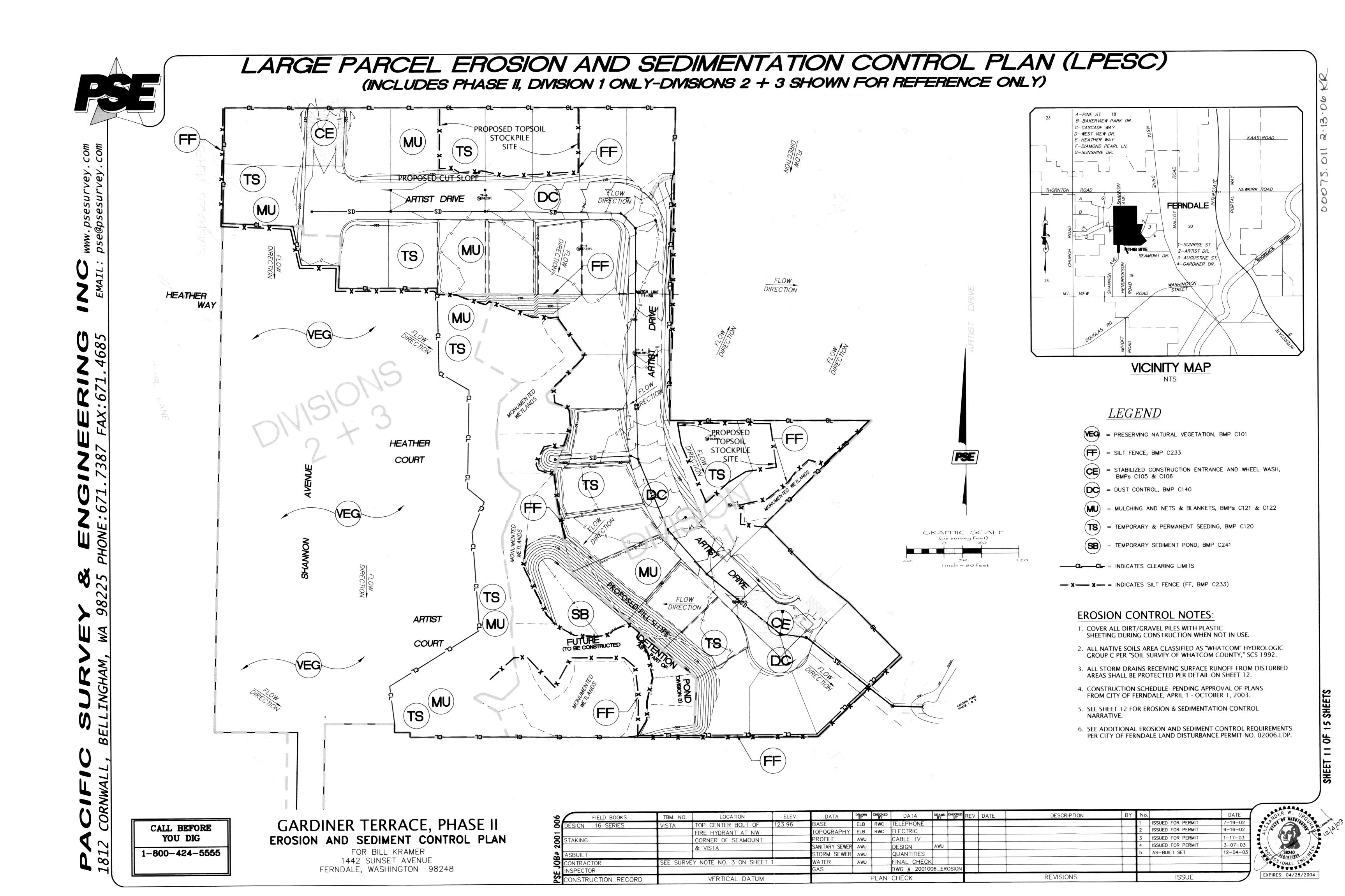












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LARGE PARCEL EROSION AND SEDIMENTATION CONTROL PLAN DETAILS

EROSION AND SEDIMENTATION CONTROL PLAN NARRATIVE

THE PROPOSED PROJECT IS A RESIDENTIAL SUBDIVISION CONSISTING OF 56 LOTS WITH REQUIRED ROADWAYS AND UTILITY IMPROVEMENTS. THE MAJORITY OF THE SITE WILL BE CLEARED EXCEPT FOR EXISTING WETLANDS, BUFFERS, AND DEDICATED OPEN SPACE AREAS AS SHOWN ON THE EROSION AND SEDIMENTATION CONTROL PLAN (ESC). EARTHWORK WILL BE REQUIRED FOR ROADWAY CONSTRUCTION AND INDIVIDUAL RESIDENTIAL SITE

THE PROJECT SITE IS APPROXIMATELY 20 ACRES WITH SLOPES RANGING FROM APPROXIMATELY 6% TO 35%. THE SITE IS CURRENTLY BRUSHY AND WOODED. WETLANDS EXIST AT THE SITE. THE DRAINAGE GENERALLY FLOWS ACROSS THE SITE FROM THE NORTH TO THE SOUTH. DOWNSTREAM PIPE CONVEYANCE SYSTEMS EXIST AND OUTFALL TO UNNAMED DITCHES. STORMWATER EVENTUALLY DISCHARGES FROM EXISTING CONVEYANCE SYSTEMS TO SCHELL CREEK AND FROM SCHELL CREEK TO THE LUMMI RIVER.

AREAS ADJACENT TO THE PROJECT SITE INCLUDE EXISTING FERNDALE SCHOOLS, RESIDENTIAL PROPERTIES, AND VACANT PARCELS. ROADWAY AND UTILITY CONNECTIONS WILL BE MADE TO SHANNON AVENUE, HEATHER WAY, AND ARTIST DRIVE. STORMWATER DRAINAGE LEAVING THE SITE WILL BE CONTROLLED BY SILT FENCES INTERCEPTOR SWALES AND DIKES, NATURAL BUFFER ZONES, AND TEMPORARY SEEDING AND MULCHING. ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES ARE IN ACCORDANCE WITH THE WASHINGTON STATE DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR THE PUGET SOUND BASIN, 1992 EDITION.

THE NATIVE SOILS ON THE PROJECT SITE HAVE BEEN CLASSIFIED AS "WHATCOM", HYDROLOGIC GROUP C PER THE SOIL CONSERVATION SERVICE SOIL SURVEY OF WHATCOM COUNTY AREA, WASHINGTON, 1992.

THE ENTIRE SITE CONSISTS OF CRITICAL EROSION SLOPES AS DEFINED BY THE WASHINGTON STATE DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR THE PUGET SOUND BASIN.

EROSION AND SEDIMENTATION CONTROL BMP'S

THE PROJECT MAY BE CONSTRUCTED IN TWO PHASES AS DESIGNATED ON THE ESC PLAN. UPON COMPLETION OF CLEARING AND GRUBBING WITHIN THE CLEARING LIMITS ON THE PLAN, ALL SILT FENCES, INTERCEPTOR DIKES AND SWALES, CONSTRUCTION ENTRANCES, AND THE TEMPORARY SEDIMENTATION POND WILL BE CONSTRUCTED. TEMPORARY SEEDING AND MULCHING WILL BE COMPLETED AFTER GRADING OF AREAS OUTSIDE OF PROPOSED RIGHT-OF-WAYS. ALL BMP'S SHOWN ON THE ESC PLAN ARE IN ACCORDANCE WITH THE WASHINGTON STATE DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR THE PUGET SOUND BASIN.

THE SILT FENCES, INTERCEPTOR DIKES AND SWALES, TEMPORARY SEEDING, AND MULCHING WILL REMAIN UNTIL BUILDING LOTS ARE DEVELOPED.

STORMWATER MANAGEMENT CONSIDERATIONS

THE DEVELOPMENT OF THE SITE WILL RESULT IN INCREASED RUNOFF RATES FROM THE SITE. THESE INCREASED RUNOFF RATES WILL BE LIMITED TO THE PREDEVELOPMENT RATES BY A STORM DRAINAGE CONTROL STRUCTURE

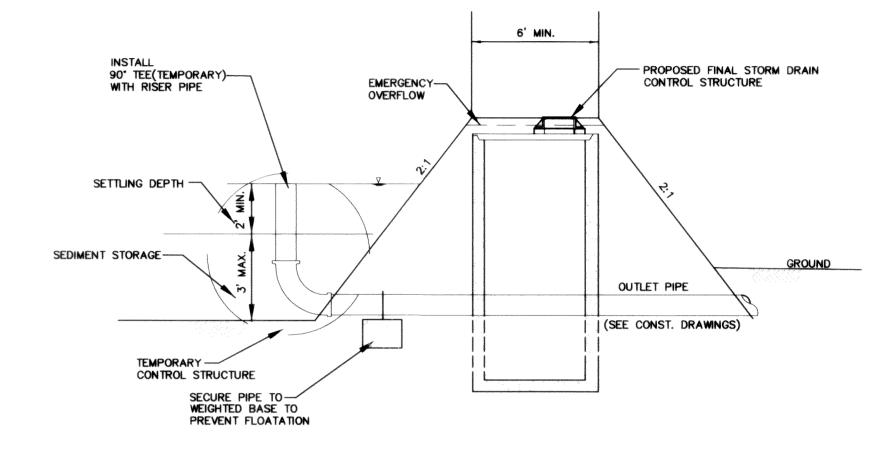
MAINTENANCE
THE EROSION CONTROL MEASURES WILL BE MAINTAINED AS NECESSARY PER THE DIRECTION OF THE CITY OF

FINAL DRAINAGE CALCULATIONS, CONVEYANCE CALCULATIONS, DETENTION POND DESIGN, AND STORMWATER QUALITY DESIGN ARE INCLUDED IN THE PROJECT STORMWATER DRAINAGE REPORT.

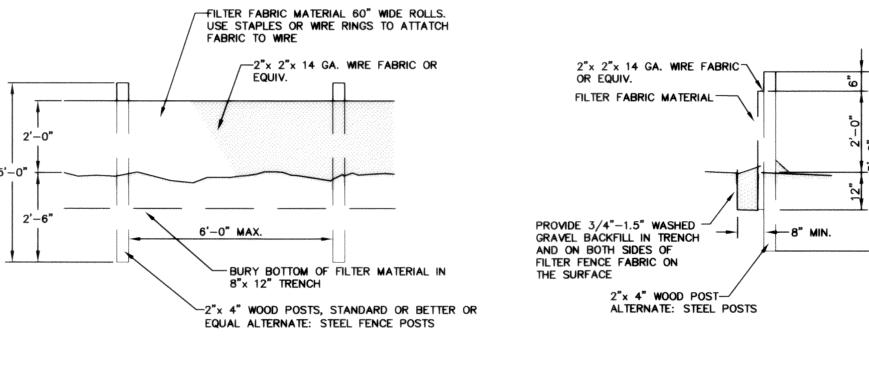
NON-ESC BMP'S REQUIRED THE CONTRACTOR SHALL BE REQUIRED TO PERFORM "GOOD HOUSEKEEPING" TO ENSURE THAT CONSTRUCTION DEBRIS IS CONTAINED WITHIN THE SITE AND PROPERLY DISPOSED OF. THE CONTRACTOR SHALL DEMONSTRATE THE ABILITY TO ADEQUATELY CONTAIN AND DISPOSE OF GASOLINE, DIESEL, HYDRAULIC FLUID, ETC. IN THE

CONSTRUCTION ROAD STABILIZATION

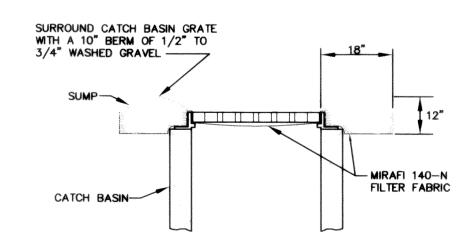
NOT TO SCALE



TEMPORARY CONTROL STRUCTURE DETAIL



SILT FENCE DETAILS NOT TO SCALE



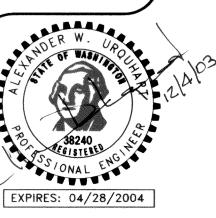
INTERIM CATCH BASIN **GRATE PROTECTION**

CALL BEFORE YOU DIG 1-800-424-5555

GARDINER TERRACE, PHASE II **EROSION CONTROL DETAILS**

FOR BILL KRAMER 1442 SUNSET AVENUE FERNDALE, WASHINGTON 98248

FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED	DATA	DRAWN BY	CHECKED RE	V DATE	DESCRIPTION	BY	No.	,	DATE
DESIGN 16 SERIES	VISTA	TOP CENTER BOLT OF	123.96	BASE	ELB	RWC	TELEPHONE						1	ISSUED FOR PERMIT	7-19-0
		FIRE HYDRANT AT NW		TOPOGRAPHY	ELB	RWC	ELECTRIC			and the second			2	ISSUED FOR PERMIT	9-16-0
STAKING		CORNER OF SEAMOUNT		PROFILE	A W U		CABLE TV						3	ISSUED FOR PERMIT	1-17-03
		& VISTA		SANITARY SEWER	A W U		DESIGN	AWU					4	ISSUED FOR PERMIT	3-07-0
ASBUILT				STORM SEWER	AWU		QUANTITIES						5	AS-BUILT SET	12-04-
ONTRACTOR	SEE SURVE	Y NOTE NO. 3 ON SHEET	1	WATER	A W U		FINAL CHECK								
NSPECTOR				GAS			DWG # 200100	06_ER	OSION						
ONSTRUCTION RECORD		VERTICAL DATUM		PLAN CHECK					REVISIONS			ISSUE	<u> </u>		



THE DOWNSTREAM SYSTEM.



GENERAL CONSTRUCTION NOTES

GENERAL

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE STANDARD PLANS AND SPECIFICATIONS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (STANDARD SPECIFICATIONS). AND AMENDMENTS TO THESE SPECIFICATIONS AS CONTAINED HEREIN, PARTICULARLY SECTIONS 5-04 THROUGH 5-05. SECTIONS 7-08.3(3), 9-01 THROUGH 9-03 WILL GENERALLY APPLY UNLESS OTHERWISE STATED BELOW, OR BY THE CONTRACT DOCUMENTS. WORK AND MATERIALS SHALL ALSO CONFORM TO CITY OF FERNDALE (COF) DEVELOPMENT STANDARDS. IN CASE OF A CONFLICT BETWEEN THE REGULATORY STANDARDS OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT WILL PREVAIL.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. ALL SECTIONS OF THE WSDOT STANDARD SPECIFICATIONS 1-07.23-TRAFFIC CONTROL, SHALL

3. UNDERGROUND UTILITIES ARE KNOWN TO EXIST IN THE AREA OF CONSTRUCTION. THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL UTILITY OWNERS FOR LOCATIONS AND TO FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT UTILITY LOCATION SERVICE AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION. PHONE: 1–800–454–5555. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL EXISTING UTILITIES AND TO NOTIFY THE ENGINEER PROMPTLY OF ANY CONFLICT WITH EXISTING UTILITIES.

THROUGHOUT THE WORK, THE CONTRACTOR SHALL COMPLY WITH ALL PERMITS.
 A REVOCABLE ENCROACHMENT PERMIT SHALL BE OBTAINED PRIOR TO COMMENCING WORK IN THE

RIGHT-OF-WAY

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING SUBSURFACE CONDITIONS

AND SOILS TYPES.

7. THE CONTRACTOR SHALL LAY OUT AND SET ANY CONSTRUCTION STAKES AND MARKS NEEDED TO ESTABLISH THE LINES, GRADES, SLOPES OR CROSS—SECTIONS AS SHOWN ON THE PLANS OR AS STAKED BY THE ENGINEER.

8. BEFORE ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY A PRE-CONSTRUCTION MEETING MUST BE HELD BETWEEN THE CONTRACTOR, OWNER, CITY ENGINEER AND PROJECT ENGINEER (MIN. 3 DAYS PRIOR TO STARTING).

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES (SILT FENCE, STRAW BALE DAMS, SILT PONDS, ETC.), THROUGHOUT THE DURATION OF THE PROJECT. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CLEARING OR CRADING

10. THE CONTRACTOR SHALL PROTECT ALL PRIVATE AND PUBLIC UTILITIES FROM DAMAGE RESULTING FROM THE WORK.

CONTRACTOR SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY DISRUPTED BY THE PROJECT IMMEDIATELY AFTER CONSTRUCTION.
 ALL HARD SURFACED PAVEMENTS IN PUBLIC AREAS MUST BE REPAIRED AT THE CLOSE OF EACH

WORK DAY. THE REPAIRS CAN BE TEMPORARY WITH ASPHALT COLD MIX OR PERMANENT WITH CLASS B ASPHALT. ALL REPAIRS SHALL BE ACCORDING TO COF DEVELOPMENT STANDARDS. AT A MINIMUM PERMANENT REPAIRS MUST REPAIR THE HARD SURFACE IN KIND.

13. INSPECTIONS FOR ROAD, DRAINAGE, AND UTILITY CONSTRUCTION SHALL BE AS OUTLINED AND IN ACCORDANCE WITH THE CITY OF FERNDALE DEVELOPMENT STANDARDS, SECTION 302

14. CONTRACTOR TO PROVIDE A 2 YEAR WARRANTY FOR MAINTAINING ALL GRADES ON DETENTION POND AND STRUCTURES.

15. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

unimes

1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE ENGINEER TO ASSURE ACCURATE AND TIMELY COLLECTION OF ALL REQUIRED AS—BUILT DATA. THIS DATA MUST ACCURATELY REFLECT THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES, BOTTOM OF PIPE ELEVATIONS, INVERT ELEVATIONS, MANHOLE LOCATIONS, BLOW—OFF LOCATIONS AND INVERTS OF SERVICE CONNECTION (BOTH AT PIPE AND AT PROPERTY LINE), VERTICAL AND HORIZONTAL BENDS, SERVICE BOXES AND METERS, VALVES AND HYDRANTS. CALL AT LEAST 48—HOURS BEFORE BURYING UNDERGROUND PIPE TO ASSURE AND FACILITATE REQUIRED AS—BUILT SURVEY. THE ENGINEER WILL PROVIDE CERTIFIED AS—BUILT MYLARS TO PUBLIC WORKS UPON PROVISIONAL ACCEPTANCE OF ROAD AND UTILITY IMPROVEMENTS.

2. THE CONSTRUCTION OF UNDERGROUND UTILITY LINES SHALL BE SUBJECT TO THE FOLLOWING CRITERIA:

- A. NO MORE THAN 500 FEET OF TRENCH SHALL BE OPENED AT ONE TIME.
- B. WHERE CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS, EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF DITCHES.
- C. TRENCH DEWATERING DEVICES SHALL DISCHARGE INTO SEDIMENT TRAPS OR SEDIMENT PONDS.
- D. WHERE PRACTICAL, INSTALL GRAVITY PIPE UTILITIES PRIOR TO INSTALLATION OF OTHER

3. UTILITY CONSTRUCTION SHALL BE DONE IN ACCORDANCE TO THE CITY OF FERNDALE DEVELOPMENT STANDARDS.

4. TESTING OF NEW WATER LINES, SANITARY SEWER LINES, AND STORM SEWER SYSTEMS SHALL NOT BE PERFORMED UNTIL ALL OTHER ADJACENT UTILITIES HAVE BEEN INSTALLED.

ARTHWORK

1. THE CONTRACTOR SHALL CLEAR, GRUB AND CLEAN UP THOSE AREAS SHOWN ON THE PLANS.

2. THE CONTRACTOR SHALL RAZE, REMOVE AND DISPOSE OF ALL BUILDING AND FOUNDATIONS, STRUCTURES, FENCES AND OTHER OBSTRUCTIONS THAT LIE WHOLLY OR PARTIALLY WITHIN THE PROJECT LIMITS.

3. THE CONTRACTOR SHALL REMOVE AND REPLACE ALL EXISTING UNCOMPACTED OR POORLY COMPACTED FILL SOILS WITHIN THE THE ROAD PRISM AT THE DIRECTION OF THE ENGINEER.

CROSS—SECTIONS SHOWN IN THE PLANS OR ESTABLISHED BY THE ENGINEER.

5. MAXIMUM DENSITY AND OPTIMUM MOISTURE FOR GRANULAR MATERIALS WILL BE

4. THE CONTRACTOR SHALL EXCAVATE AND GRADE TO THE ALIGNMENT, GRADE AND

DETERMINED USING ASTM D-1557 TEST METHOD.

6. UNSUITABLE MATERIAL NOT FIT FOR A SUB-GRADE SHALL BE EXCAVATED TO THE BOUNDARIES SET BY THE ENGINEER AND REPLACED WITH A SUITABLE BACKFILL MATERIAL.

BASES

1. GRAVEL BASES AND BALLAST MAXIMUM PARTICLE SIZE PASSING THE U.S. NO. 200 SIEVE

2. BALLAST, GRAVEL BASE AND CRUSHED SURFACING SHALL BE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY.

3. CONTRACTOR OR PROPONENT SHALL BE RESPONSIBLE FOR ALL COMPACTION TESTING. ALL TESTING SHALL BE THROUGH ENG. REV. ACCOUNT AND PAID FOR BY OWNER.

PAVEMENTS .

1. WHERE SHOWN ON THE PLANS, PAVEMENT MARKINGS SHALL BE OBLITERATED UNTIL BLEMISHES CAUSED BY THE PAVEMENT MARKING REMOVAL CONFORM TO THE COLORATION OF THE ADJACENT PAVEMENT.

2. SOIL RESIDUAL HERBICIDE SHALL BE PLACED WITHIN 24 HOURS OF PAVING.

3. A TACK COAT OF ASPHALT SHALL BE APPLIED BETWEEN ALL COURSES OF ASPHALT.4. ALL PAVEMENT REPAIR SHALL BE SAW-CUT BEFORE REMOVAL. AR-4000W SHALL BE

APPLIED TO ALL EDGES OF EXISTING PAVEMENT.

5. ASPHALT CONCRETE PAVEMENT SHALL NOT BE PLACED NOR COMPACTED DURING

6. SUBGRADE SHALL BE CERTIFIED IN WRITING BY THE DESIGN ENGINEER PRIOR TO PAVING.

SANITARY SEWER NOTES

1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH A.P.W.A. STANDARD SPECIFICATIONS, 1996 EDITION, AND SHALL BE SUBJECT TO APPROVAL BY THE CITY OF FERNDALE.

2. ALL WORK MUST BE INSPECTED TO THE SATISFACTION OF THE CITY OF FERNDALE. 24 HOUR NOTICE MUST BE GIVEN PRIOR TO STARTING WORK.

3. SEWER MAIN SHALL BE A MINIMUM 8 INCHES DIAMETER PVC (SDR-35) CONFORMING TO THE PROVISIONS OF ASTM D 3034 AND INSTALLED TO CITY SPECIFICATIONS.

4. TESTING OF THE SEWER SYSTEM SHALL BE DONE IN THE PRESENCE AND UNDER THE SUPERVISION OF A CITY OF FERNDALE REPRESENTATIVE.

5. ALL TRENCHES SHALL BE BACKFILLED WITH CLASS B BANK RUN GRAVEL OR SUITABLE NATURAL MATERIAL AS DIRECTED BY THE ENGINEER, AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY.

6. ALL MANHOLES SHALL BE INSTALLED PER CITY OF FERNDALE SS-2, SS-3, SS-4, AND SHALL BE PRE-CHANNELED..

7. SIDE SEWERS SHALL BE INSTALLED PER CITY OF FERNDALE STANDARDS.

8. MANHOLE CONES ARE TO BE OFFSET SUCH THAT LADDER RUNGS ARE PARALLEL TO THE FLOW.9. BEDDING SHALL BE PEA GRAVEL PER SS-1.

10. ALL CLEANOUTS SHALL BE INSTALLED PER CITY OF FERNDALE SS-5.

STORM DRAINAGE

1. ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT 7-08.3(1). THIS SHALL INCLUDE LEVELING AND COMPACTING THE TRENCH BOTTOM, THE TOP OF THE FOUNDATION MATERIAL AND ANY REQUIRED PIPE BEDDING, TO A UNIFORM GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A UNIFORMLY DENSE UNYIELDING BASE. DRAINAGE MATERIALS SHALL CONFORM TO SEC. 9-05.

2. ALL DRAINAGE STRUCTURES, SUCH AS CATCH BASINS AND MANHOLES, LOCATED IN AREAS HAVING LIMITED PUBLIC SURVEILLANCE SHALL HAVE SOLID LOCKING LIDS. ALL DRAINAGE STRUCTURES ASSOCIATED WITH A PERMANENT RETENTION/DETENTION FACILITY OR OIL POLLUTION PREVENTION DEVICE SHALL HAVE SOLID LOCKING LIDS.

3. ALL STORM DRAIN GRATES SHALL INCLUDE THE STAMPING "OUTFALL TO STREAM, DUMP NO POLLUTANTS.

4. UNLESS OTHERWISE SPECIFIED, CAST IRON PRODUCTS SHALL CONFORM TO ASTM DESIGNATION A 48 CLASS 30 AND DUCTILE IRON PRODUCTS TO ASTM DESIGNATION A 536 GRADE 80-55-06.

5. ROCK FOR EROSION PROTECTION OF ROADWAY DITCHES, WHERE REQUIRED, MUST BE OF SOUND QUARRY ROCK, PLACED TO A DEPTH OF ONE FOOT AND MUST MEET THE FOLLOWING SPECIFICATIONS: 5"-8" ROCK/40%-70% PASSING; 2"-4" ROCK/30%-40% PASSING; AND 2" ROCK/10%-20% PASSING.

6. STORM SEWER PIPE SHALL BE CORRUGATED POLYETHYLENE PIPE (CPEP) AND SHALL CONFORM TO WSDOT STANDARD SPECIFICATIONS, SECTION 9-5.20.

WATER

BLOCKS ARE ALLOWED.

1. PIPE FOR WATER MAIN —
ALL PIPE SHALL BE OF A.W.W.A. STANDARDS H3—71, C151—71 AND CEMENT LINING C104—71,
AND SHALL BE DUCTILE CAST—IRON, STANDARD THICKNESS CLASS 50 PUSH—ON JOINTS
OR M.J. JOINTS. THE PIPE SHALL BE OF 150 PSI WORKING PRESSURE, PLUS 100 PSI
SURGE PRESSURE. NO PVC OR AC PIPE WILL BE ALLOWED.

PIPE LAYING SHALL MEET THE REQUIREMENTS OF SECTION 7-11 OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE OR MUNICIPAL CONSTRUCTION. ALL PIPE SHALL HAVE A MINIMUM COVERING OF 42 INCHES.

MATERIAL FOR FITTINGS SUCH AS CROSSES, TEES, BENDS, REDUCERS AND SLEEVES SHALL BE DUCTILE IRON. JOINTS SHALL BE M.J., FLANGED OR PUSH—ON JOINTS AND SHALL CONFORM TO A.W.W.A. SPECIFICATIONS C—110—71 AND C—104—71.

3. CONCRETE THRUST BLOCKING — CONCRETE BLOCKING SHALL BE AS SPECIFIED IN CITY OF FERNDALE STANDARD DETAIL W—2 THROUGH W—4, OR AS DIRECTED BY PROJECT ENGINEER. BLOCKS SHALL BE INSTALLED AS SPECIFIED IN SECTION 7—11.3(13) OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE OR MUNICIPAL CONSTRUCTION. NO PRE CAST

4. CONNECTION TO EXISTING WATER MAINS —
THE CONTRACTOR MUST NOTIFY THE FERNDALE PUBLIC WORKS DIRECTOR OF A PROPOSED CONNECTION AT LEAST FOUR WORKING DAYS IN ADVANCE.

5. HYDROSTATIC TESTING AND DISINFECTION OF WATER MAINS —
ALL HYDROSTATIC TESTING AND DISINFECTION OF WATER MAINS SHALL CONFORM TO SECTIONS
7-11-3(11) AND 7-11.3(12) OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS FOR ROAD, BRIDGE OR MUNICIPAL CONSTRUCTION — CURRENT EDITION.
HYDROSTATIC TESTING INSPECTED BY CITY.

6. WATER SERVICE TRANSFERS —
TAP INSTALLATIONS SHALL MEET THE REQUIREMENTS OF THE CITY OF FERNDALE DEVELOPMENT

7. GATE VALVES —
GATE VALVES SHALL BE FOR LINES 2 INCHES THROUGH 8 INCHES, AND SHALL BE INSTALLED
IN CAST—IRON VALVE BOXES. SHORT—BODY VALVES SUITABLE FOR A NONSHOCK SHUT—OFF
PRESSURE OF 130 PSI RESILIENT SEAT VALVES AND SUITABLE FOR DIRECT BURIAL ARE

GATE VALVES SHALL BE RESILIENT SEATED IRON-BODY, FULL-BRONZE MOUNTED VALVES CONFORMING TO A.W.W.A. C509 AND SUITABLE FOR SERVICE WITH THE TYPE AND CLASS OF

ALL VALVES SHALL HAVE NONRISING STEMS AND SHALL OPEN COUNTERCLOCKWISE AND SHALL BE EQUIPPED WITH A 2 INCH SQUARE OPERATING NUT. VALVES WILL BE FLANGE

VALVE MARKERS SHALL BE LOCATED OUTSIDE OF PAVEMENT SECTIONS.

8. HYDRANT MATERIALS AND INSTALLATION —
FIRE HYDRANTS AND FIRE MAINS MUST CONFORM TO COF STANDARD DETAIL W-1 (WSDOT B-19)
AND THE FOLLOWING STANDARDS:

i. FIRE HYDRANTS SHALL HAVE TWO INDIVIDUALLY-VALVED 2-1/2" PORTS AND ONE 5-1/4" MAIN VALVE OPENING. A 4-1/2" NST PUMPER NOZZLE AND A 5" STORZ PORT WITH CAP AND CABLE SHALL BE SUPPLIED. HYDRANTS SHALL EITHER BE IOWA OR M.H. 929T HYDRANTS.

ii. FIRE HYDRANTS SHALL HAVE THE STORZ PORT FACING THE REQUIRED ACCESS AND THE BASE FLANGE OF THE HYDRANT MUST NOT VARY MORE THAN 1 FOOT IN ELEVATION FROM THE GRADE LEVEL OF THE REQUIRED ACCESS. THE LOWEST STEM SHALL BE A MINIMUM OF 14" ABOVE THE GROUND.

iii. IF THE PUBLIC WORKS DIRECTOR DETERMINES THAT FIRE HYDRANTS ARE VULNERABLE TO VEHICULAR DAMAGE, APPROPRIATE CRASH POSTS SHALL BE PROVIDED. NO OBSTRUCTIONS SHALL EXIST WITHIN A 3-FOOT WORKING AREA OF EACH REQUIRED ACCESS. CRASH POSTS SHALL BE 4" CEMENT-FILLED PIPE A MIN. OF 3' IN HEIGHT WITH A MIN. OF 2' OF PIPE BELOW GRADE. HYDRANT SHUTOFF VALVES SHALL BE LOCATED BETWEEN 5' AND 20' FROM THE HYDRANT.

iv. UNDERGROUND SUPPLIES TO FIRE HYDRANTS MUST BE INSPECTED. SUCH INSPECTION SHALL INCLUDE VISUAL INSPECTION OF PIPING AND HYDROSTATIC PRESSURE TESTING TO A MIN. OF 200 PSI OR 50 PSI IN EXCESS OF STREET MAIN PRESSURE, WHICHEVER IS GREATER. A FLOW TEST WILL BE REQUIRED WHEN INSTALLATION IS COMPLETE.

v. FIRE HYDRANTS MUST BE MAINTAINED IN AN OPERABLE CONDITION AT ALL TIMES AND MUST BE REPAIRED OR REPLACED WHEN DEFECTIVE. HYDRANTS SHALL BE FULLY OPERABLE BEFORE CONSTRUCTION COMMENCES ABOVE GRADE LEVEL.

ILLUMINATION STANDARD - SECTION 207

1. 100-WATT HIGH PRESSURE SODIUM LAMPS SHALL BE INSTALLED ON STANDARD CONCRETE OCTAGONAL OR ROUND POLES NO LESS THAN 25 FEET HIGH AND SPACED NO MORE THAN 250' APART, MEASURED ALONG PAVEMENT CENTERLINE.

EROSION/SEDIMENTATION CONTROL + ROADSIDE PLANTING

1. APPROVAL OF THE EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).

2. THE IMPLEMENTATION OF THE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.

3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE

FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.

4. THE ESC FACILITIES SHOWN ON THE PLANS MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE

5. THE ESC FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED (E.G., ADDITIONAL SUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.) AS NEEDED FOR UNEXPECTED STORM EVENTS.

6. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.

7. ANY AREA STRIPPED OF VEGETATION, INCLUDING ROADWAY EMBANKMENTS, WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 7 DAYS, SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC METHODS (E.G., SEEDING, MULCHING, NETTING, EROSION BLANKETS, ETC.).

8. ANY AREA NEEDING ESC MEASURE, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN FIFTEEN (15) DAYS.

9. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 48 HOURS FOLLOWING A STORM EVENT.

10. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO

11. STABILIZED CONSTRUCTION ENTRANCES AND WASH PADS SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.

12. DURING THE TIME PERIOD OF NOVEMBER 1 THROUGH MARCH 31, ALL PROJECT DISTURBED AREAS GREATER THAN 5,000 SQUARE FEET THAT ARE TO BE LEFT UNWORKED FOR MORE THAN 12 HOURS, SHALL BE COVERED BY ONE OF THE FOLLOWING COVER MEASURES: MULCH, SODDING OR PLASTIC COVERING.

13. TREES SHALL BE PLANTED IN PITS HAVING DIAMETERS AT LEAST TWICE THAT OF THE ROOT BALL OR ROOT SYSTEM. THE OUTER 6 INCHES OF MATERIAL SHALL BE REMOVED BY HAND METHODS. THE WALL AND BOTTOM OF THE PITS SHALL BE REMOVED BY HAND METHODS. THE WALL AND BOTTOM OF THE PITS SHALL BE ROUGHED TO ALLOW FOR ROOT PENETRATION. ALL PLANTING POCKETS SHALL BE BACKFILLED BY JETTING TO PREVENT AIR POCKETS IN THE LOWER THIRD OF THE HOLE. TREES SHALL BE WATERED GENEROUSLY DURING AND AFTER BACKFILL. BACKFILL MATERIALS SHALL BE SANDY LOAM.

14. PUBLIC RIGHTS OF WAY SHALL BE KEPT IN A CLEAN AND SERVICEABLE MANNER AT ALL TIMES. IN THE EVENT MATERIAL ARE INADVERTENTLY DEPOSITED ON ROADWAYS, THE MATERIAL SHALL BE PROMPTLY REMOVED. MATERIALS ARE TO BE SWEPT AND REMOVED PRIOR TO ANY FLUSHING. PUBLIC AND PRIVATE DRAINAGE WAYS SHALL BE PROTECTED FROM

15. ALL TREES SHALL BE 4 INCHES TO 6 INCHES CALIPER, B & B, UNLESS OTHERWISE NOTED. MEASUREMENTS, CALIPER, BRANCHING, GRADING, QUALITY, BALLING AND BURLAPPING SHALL FOLLOW THE CODE OF STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN IN THE AMERICAN STANDARD FOR NURSERY STOCK. ALL PLANTS SHALL HAVE NATURAL SHAPE.

16. FERTILIZER FOR TREES SHALL BE FORMULA 4-2-2 "TRANSPLANTER" AS MANUFACTURED BY PACIFIC AGRO COMPANY AND SHALL BE APPLIED AT THE RATE OF 8 OUNCES PER TREE. FOUR PLANTING TABLETS, 21 GRAM SIZE AS MANUFACTURED BY AGRIFORM INTERNATIONAL CHEMICALS, INC., 20-10-5 ANALYSIS SHALL BE APPLIED. TREE STAKING SHALL BE IN ACCORDANCE WITH DETAILS IN THE PLAN.

17. ALL TREES SHALL BE PROPERLY PROTECTED AGAINST HARM FROM WIND, UNUSUAL WEATHER AND THE PUBLIC. THE CONTRACTOR SHALL PERFORM ALL NECESSARY MAINTENANCE INCLUDING WATERING, PRUNING AND SPRAYING UNTIL ONE YEAR AFTER ACCEPTANCE. ALL TREES MUST BE IN A VIGOROUS GROWING CONDITION AT THE END OF THE ONE—YEAR GUARANTEE PERIOD. DEFECTIVE MATERIALS, AS DETERMINED BY THE ENGINEER, SHALL BE REPLACED IMMEDIATELY WITH SPECIMENS OF THE SAME SPECIES AND SIZE AS THE ORIGINAL..

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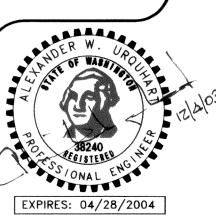
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GARDINER TERRACE
PHASE II, DIVISION 1

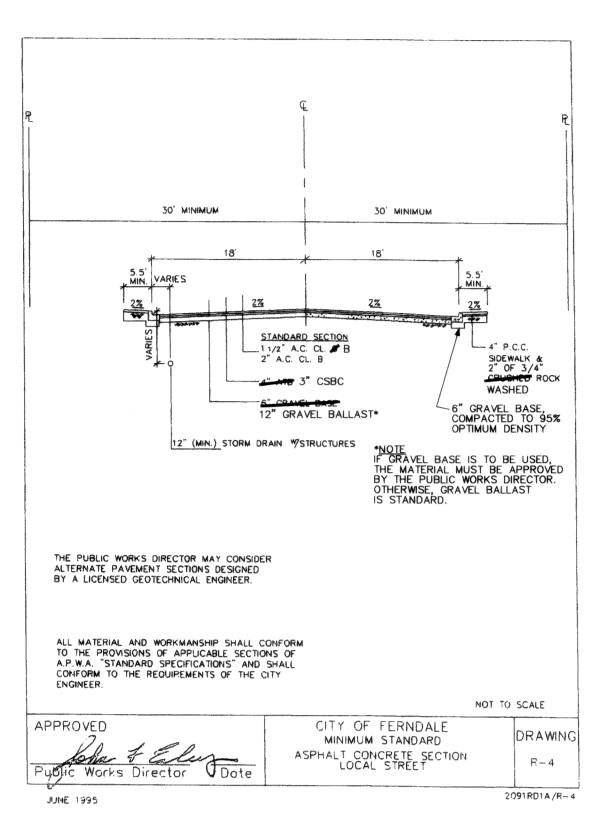
FOR BILL KRAMER 1442 SUNSET AVENUE FERNDALE, WASHINGTON 98248

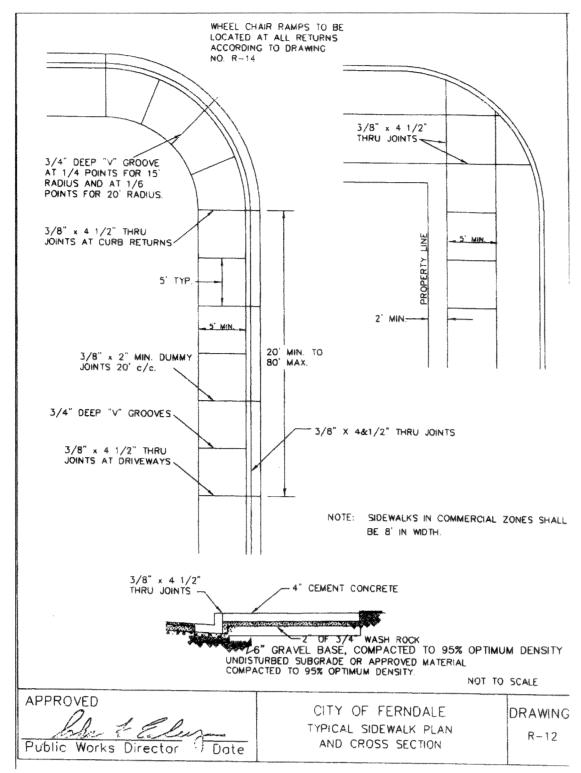
9	FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED	DATA	DRAWN BY	CHECKED BY	REV	DATE	DESCRIPTION	BY	No.		DATE
8	DESIGN 16 SERIES	VISTA	TOP CENTER BOLT OF	123.96	BASE	ELB	RWC	TELEPHONE							1	ISSUED FOR PERMIT	7-19-02
_			FIRE HYDRANT AT NW		TOPOGRAPHY	ELB	RWC	ELECTRIC							2	ISSUED FOR PERMIT	9-16-02
8	STAKING		CORNER OF SEAMOUNT		PROFILE	AWU		CABLE TV							3	ISSUED FOR PERMIT	1-17-03
~			& VISTA		SANITARY SEWER	AWU		DESIGN	AWU						4	ISSUED FOR PERMIT	3-07-03
*	ASBUILT				STORM SEWER	AWU		QUANTITIES							5	AS-BUILT SET	12-04-03
<u></u>	CONTRACTOR	SEE SURV	EY NOTE NO. 3 ON SHEET	1	WATER	A W U		FINAL CHECK									
u	ASBUILT CONTRACTOR INSPECTOR				GAS			DWG # GENERA	L_NC	TES							
2	CONSTRUCTION RECORD		VERTICAL DATUM			*	PLAN	CHECK				272	REVISIONS			ISSUE	

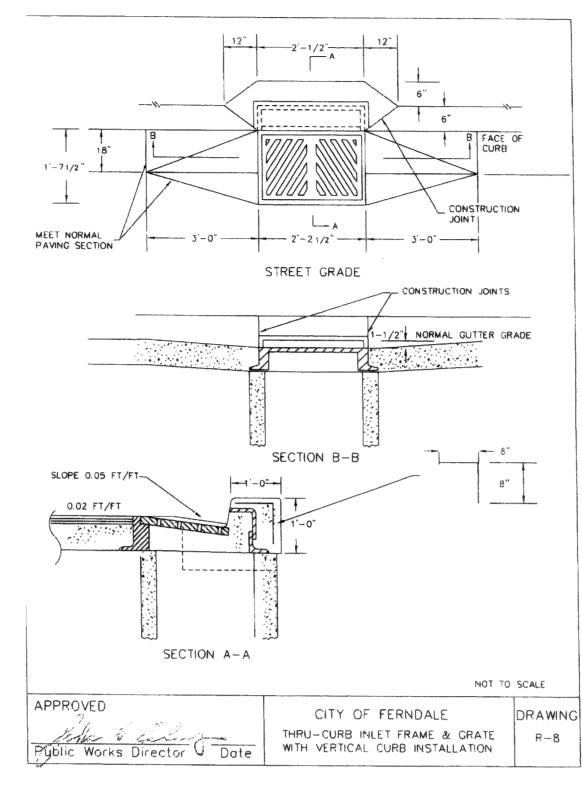


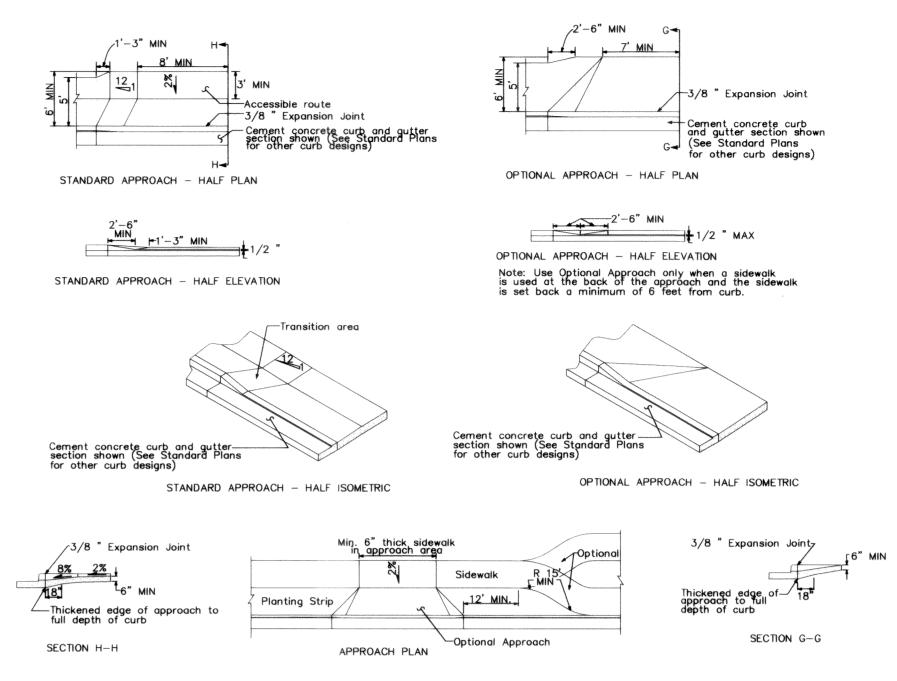
- 3/4" DIA. FRAME

STREET AND STORM SEWER DETAILS

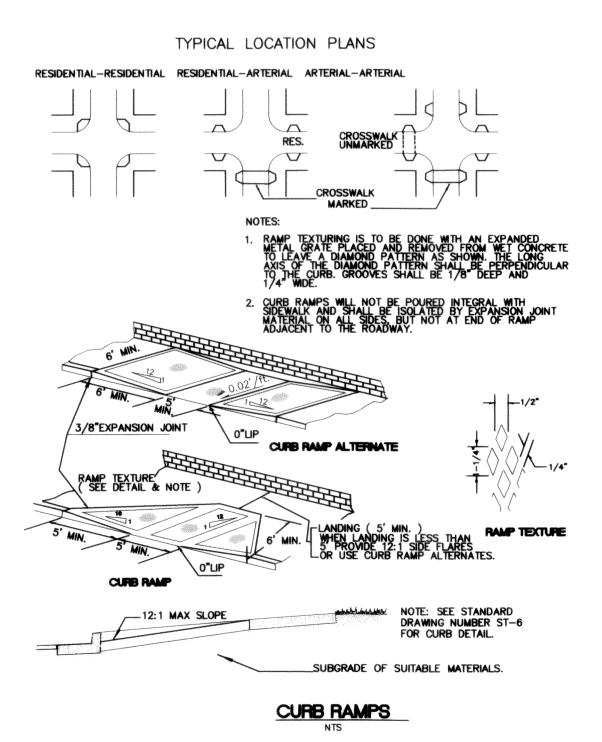


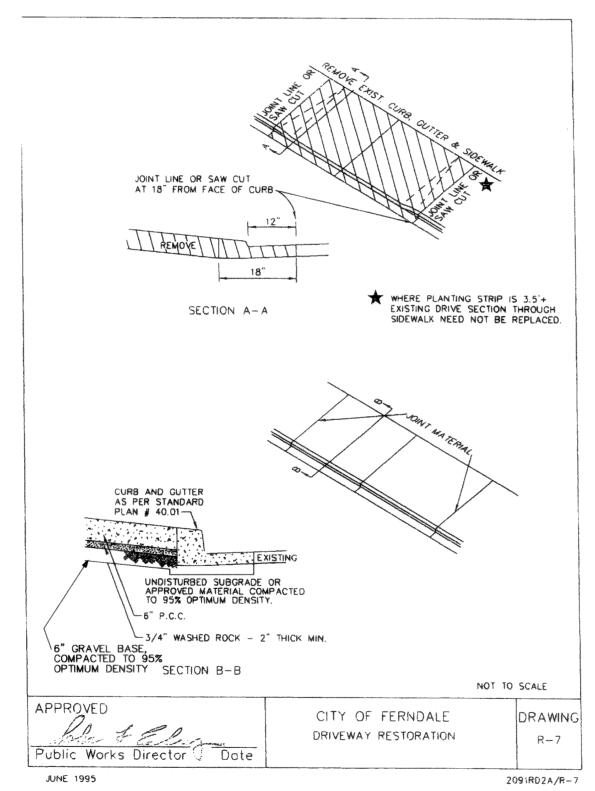


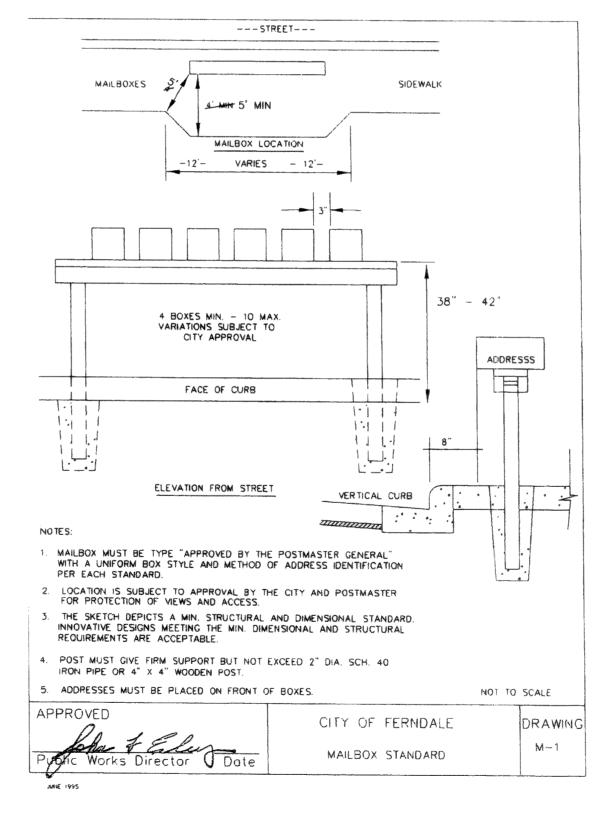


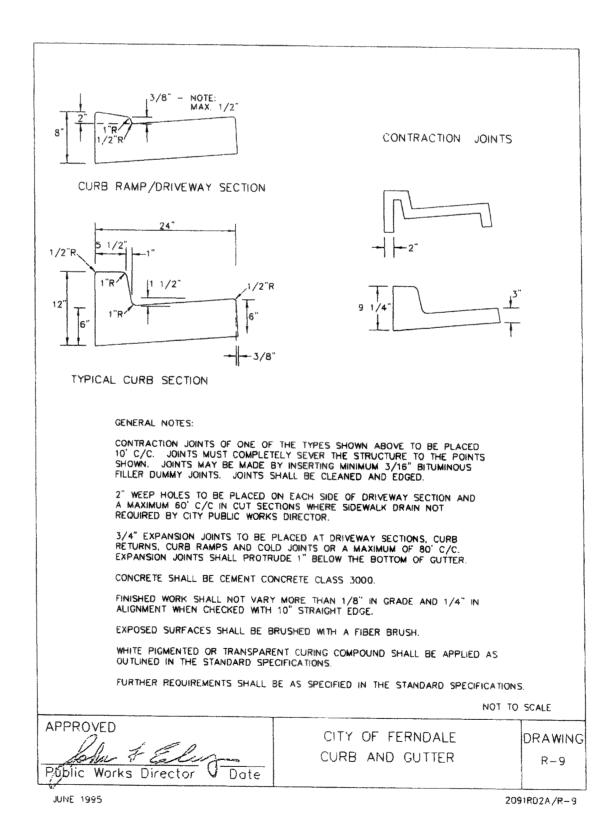


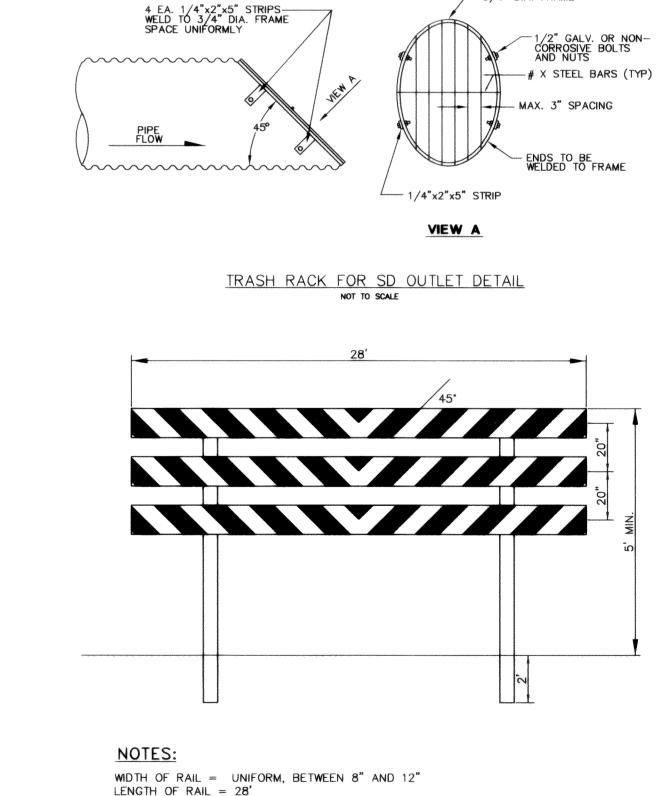












TYPE- III BARRICADE

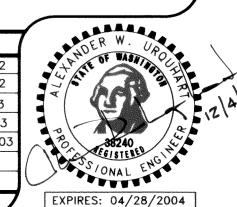
WIDTH OF STRIPES = 6"

TYPE OF FRAME = 4"X4" POST BURIED 2' DEEP

COLOR = RED ON WHITE, FULLY REFLECTORIZED

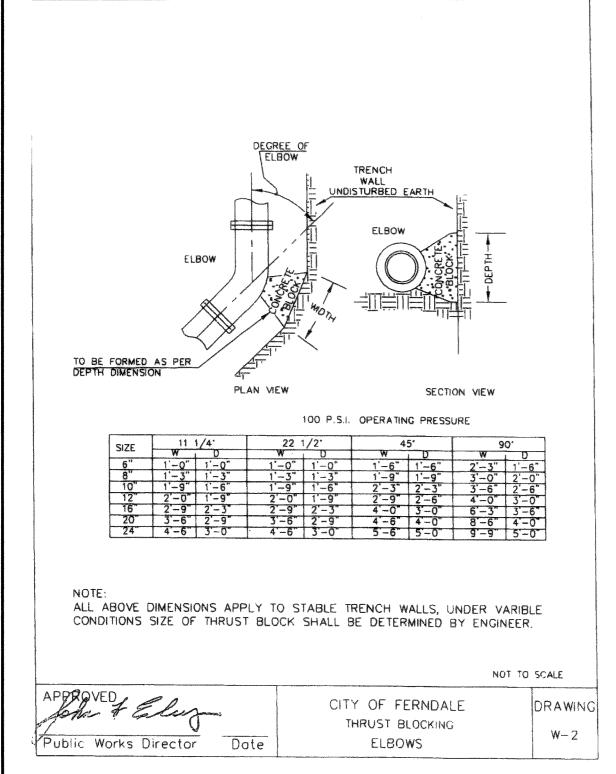
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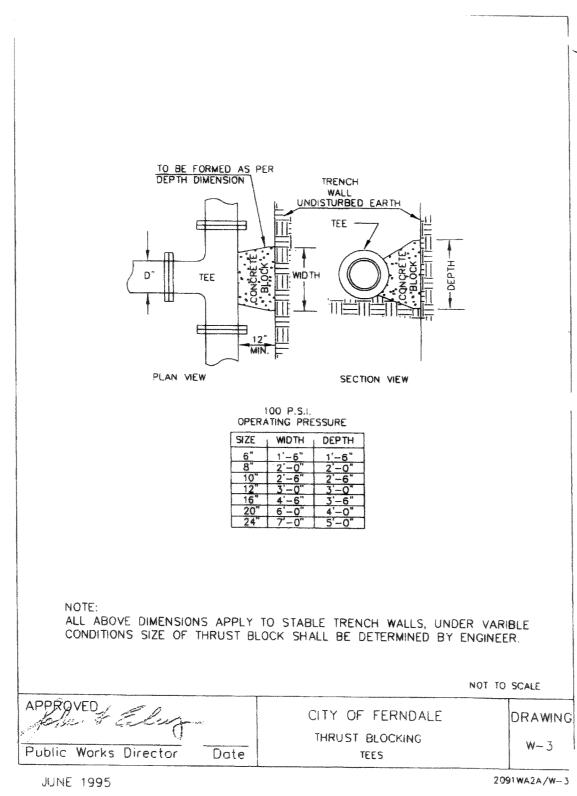
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FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	BY	CHECKED	DATA	DRAWN	BY	REV	DATE	DESCRIPTION	BY	No.	,	DATE
DESIGN 16 SERIES	VISTA	TOP CENTER BOLT OF	123.96	BASE	ELB	RWC	TELEPHONE							1	ISSUED FOR PERMIT	7-19-0
		FIRE HYDRANT AT NW		TOPOGRAPHY	ELB	RWC	ELECTRIC							2 ISSUED FOR PERMIT 3 ISSUED FOR PERMIT	9-16-0	
STAKING		CORNER OF SEAMOUNT		PROFILE	AWU		CABLE TV							3	ISSUED FOR PERMIT	1-17-03
		& VISTA		SANITARY SEWER	AWU		DESIGN	AWU						4	ISSUED FOR PERMIT	3-07-0
ASBUILT				STORM SEWER	AWU		QUANTITIES							5	AS-BUILT SET	12-04-
CONTRACTOR	SEE SURVE	Y NOTE NO. 3 ON SHEET 1		WATER	AWU		FINAL CHECK									
NSPECTOR				GAS			DWG # 200100	06_DE	TAILS							
CONSTRUCTION RECORD		VERTICAL DATUM				PLAN	CHECK					REVISIONS			ISSUE	

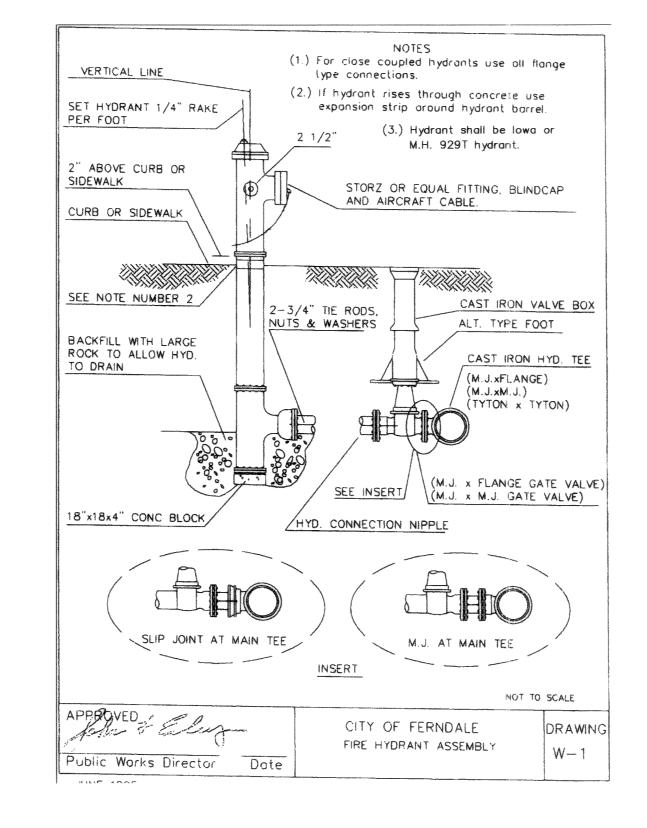


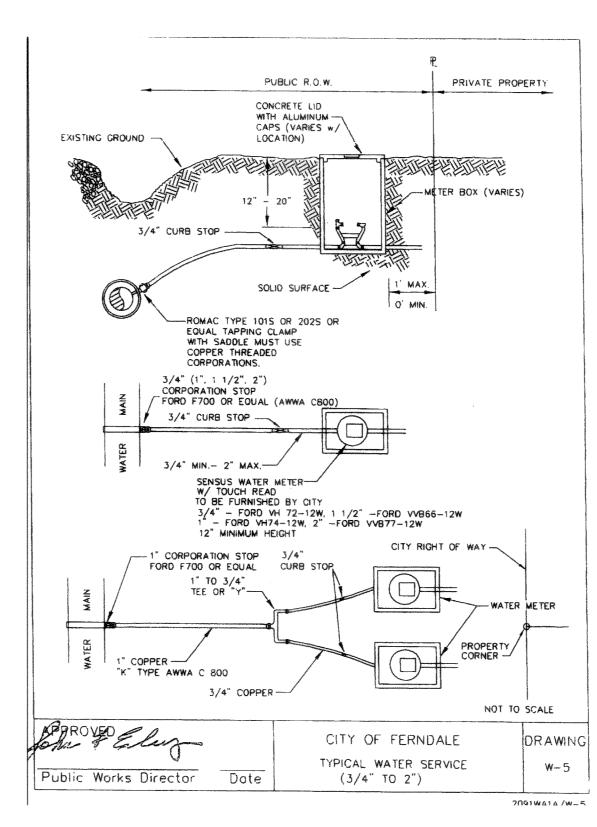
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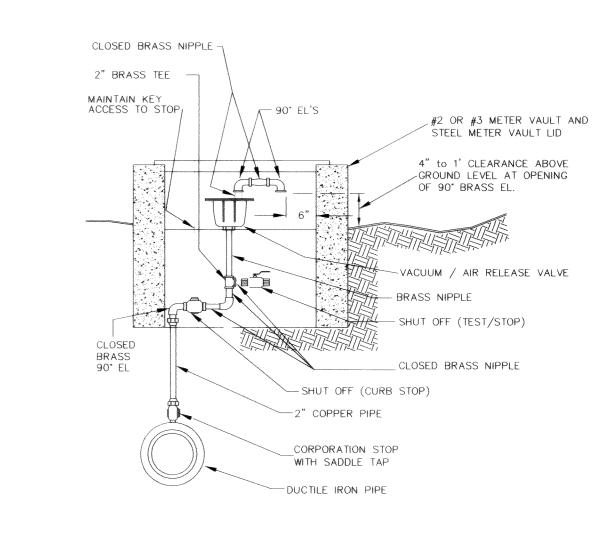
WATER AND SANITARY SEWER DETAILS



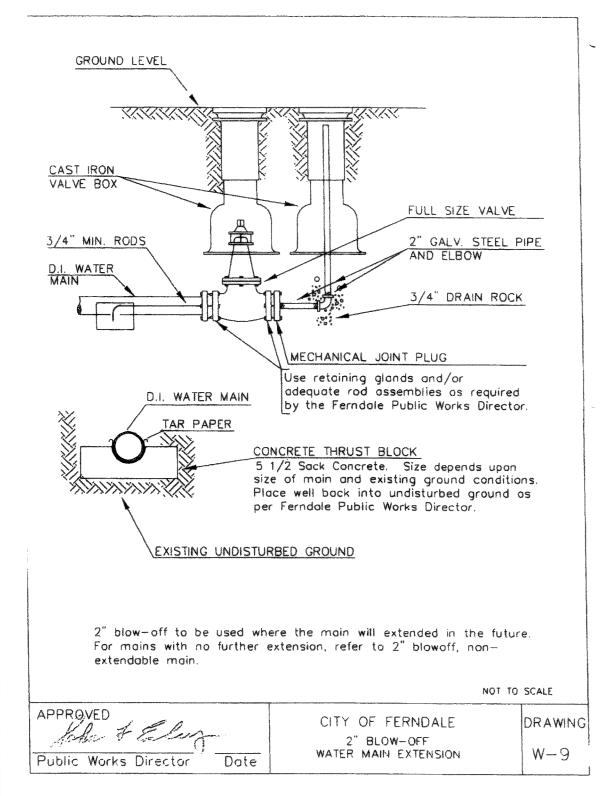


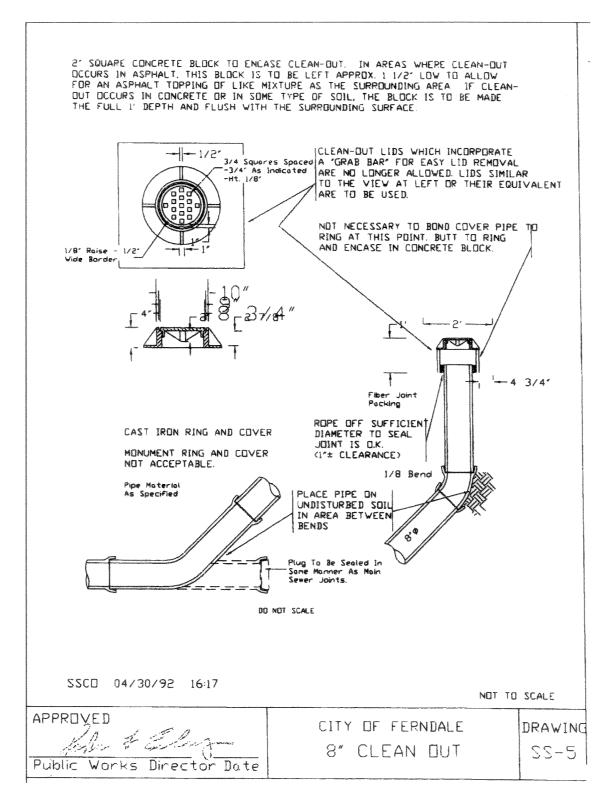


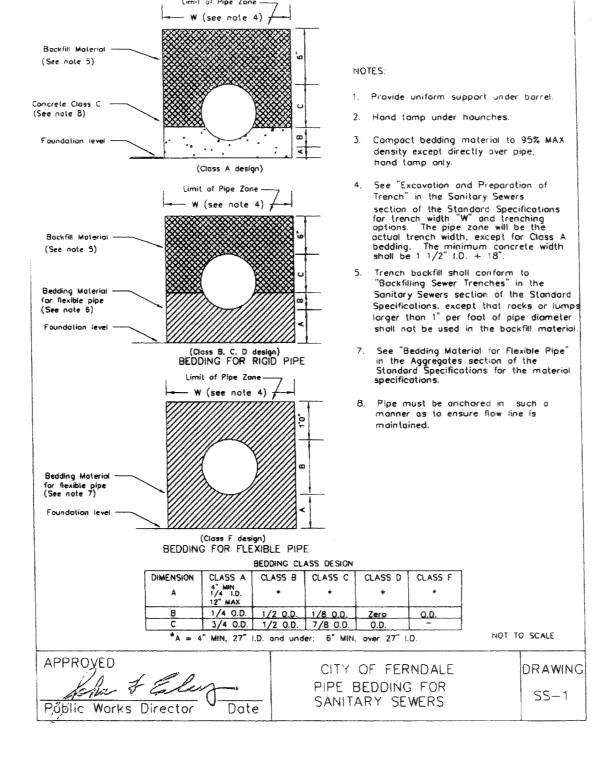


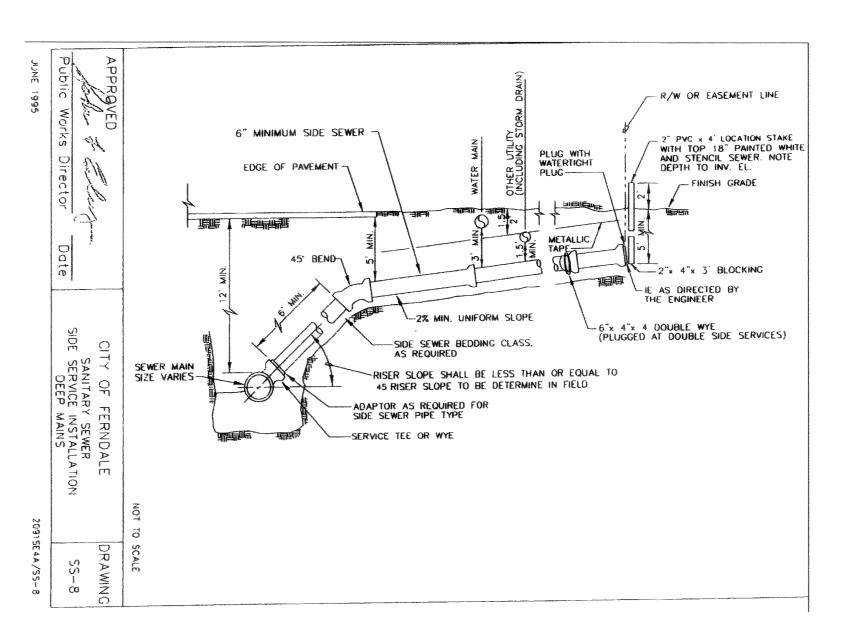


TYPICAL 2" VACUUM/AIR RELEASE VALVE DETAIL









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FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED	DATA	DRAWN CHECK	REV	DATE	DESCRIPTION	BY	No		DATE
DESIGN 16 SERIES	VISTA	TOP CENTER BOLT OF	123.96	BASE	ELB	RWC	TELEPHONE						1	ISSUED FOR PERMIT	7-19-02
		FIRE HYDRANT AT NW	Tanana da	TOPOGRAPHY	ELB	RWC	ELECTRIC						2	ISSUED FOR PERMIT	9-16-02
STAKING		CORNER OF SEAMOUNT		PROFILE	AWU		CABLE TV						3	ISSUED FOR PERMIT	1-17-03
		& VISTA		SANITARY SEWER	AWU		DESIGN	AWU					4	ISSUED FOR PERMIT	3-07-03
ASBUILT				STORM SEWER	AWU		QUANTITIES						5	AS-BUILT SET	12-04-0
CONTRACTOR	SEE SURVI	EY NOTE NO. 3 ON SHEET	1	WATER	AWU		FINAL CHECK								
INSPECTOR				GAS			DWG # 200100	06_DETAIL	S					The state of the s	
CONSTRUCTION RECORD		VERTICAL DATUM				PLAN	CHECK				REVISIONS			ISSUE	

