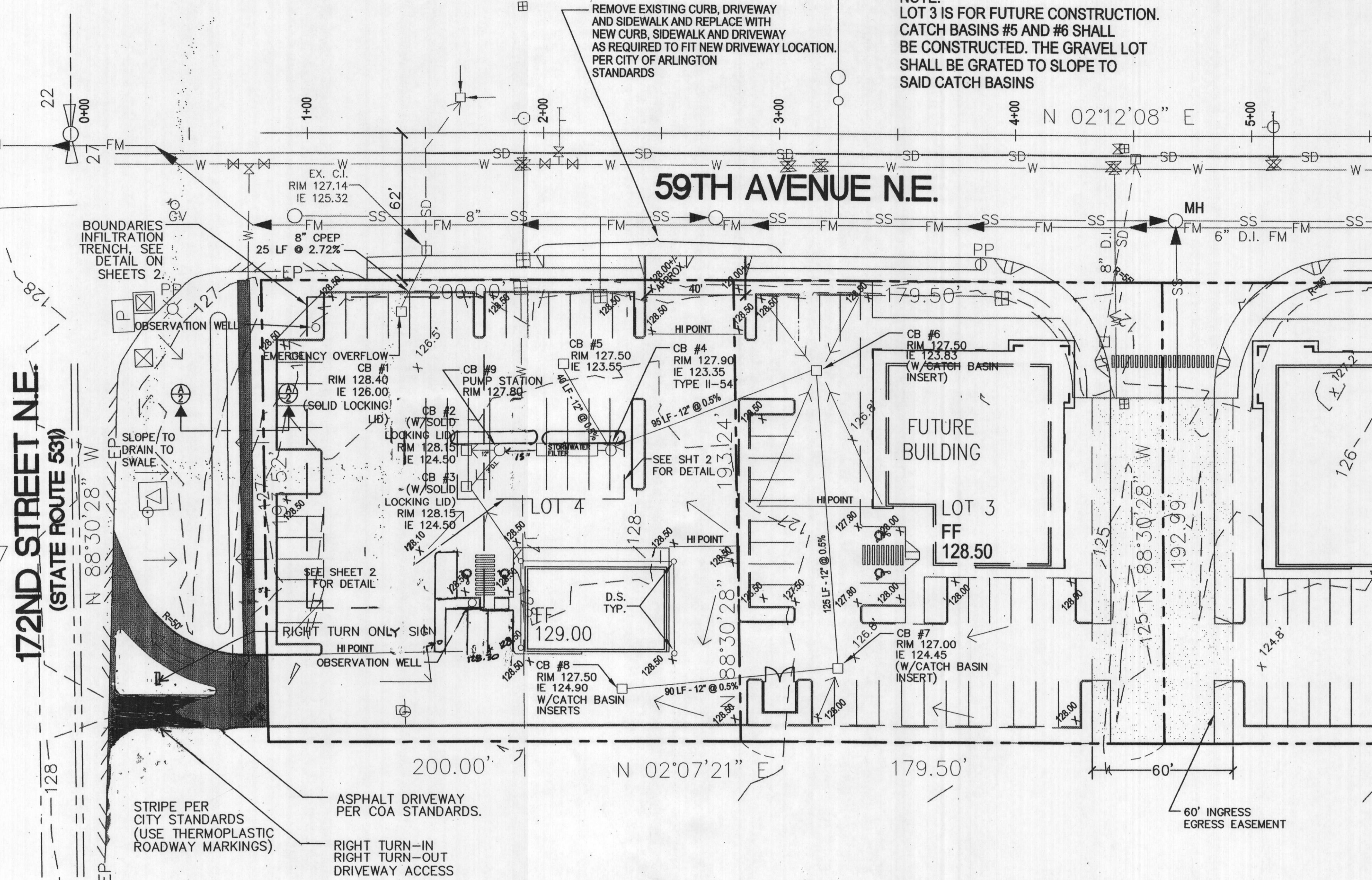


VICINITY MAP  
NO SCALE

NOTE:  
LOT 3 IS FOR FUTURE CONSTRUCTION.  
CATCH BASINS #5 AND #6 SHALL  
BE CONSTRUCTED. THE GRAVEL LOT  
SHALL BE GRATED TO SLOPE TO  
SAID CATCH BASINS



CB #	TYPE	DESCRIPTION
1	TYPE I	SOLID LOCKING LID
2	TYPE I	SOLID LOCKING LID
3	TYPE I	SOLID LOCKING LID
4	TYPE II-54	4' CATCH BELOW INVERT
5	TYPE I	SOLID LOCKING LID
6	TYPE I	W/CATCH BASIN INSERT AND PERMANENTLY INSTALLED, MAINTAINED, AND APPROVED FILTER ROCK
7	TYPE I	W/CATCH BASIN INSERT
8	TYPE I	W/(SOLID LOCKING LID)
9	TYPE II-54	PUMP CHAMBER

LEGEND

EXISTING GROUND ELEVATION:	126.8'
PROPOSED GROUND ELEVATION:	128.50

**CATCH BASIN LEGEND**

**GENERAL REQUIREMENTS**

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 'STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION', WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, CURRENT EDITION, EXCEPT WHERE MODIFIED BY THE LATEST EDITION OF THE CITY OF ARLINGTON CONSTRUCTION STANDARDS AND SPECIFICATIONS. ADDITIONALLY ALL SITE WORK MUST COMPLY WITH CHAPTER 33 OF THE UNIFIED BUILDING CODE.
- AN APPROVED COPY OF CONSTRUCTION PLANS MUST BE ON SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN STREET USE AND ANY OTHER RELATED PERMITS PRIOR TO CONSTRUCTION ACTIVITY IN THE CITY RIGHT-OF-WAY.
- PRIOR TO ANY CONSTRUCTION ACTIVITY, THE CITY OF ARLINGTON PUBLIC WORKS DEPARTMENT (360) 435-3500 MUST BE CONTACTED FOR A PRE-CONSTRUCTION MEETING.
- ALL LOCATIONS OF EXISTING UTILITIES HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS, AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES WHICH MAY BE AFFECTED BY HIS WORK. THE CONTRACTOR SHALL CONTACT THE UNDERGROUND UTILITY LOCATION SERVICE (1-800-424-5555) PRIOR TO CONSTRUCTION. THE OWNER OR HIS REPRESENTATIVE SHALL BE IMMEDIATELY CONTACTED IF A UTILITY CONFLICT EXISTS. A FEE OF \$35.00 WILL BE CHARGED FOR EACH RE-LOCATE REQUEST.
- ALL MATERIALS SHALL BE NEW AND UNDAMAGED, OF AN APPROVED BRAND, WITH REPLACEMENT AND REPAIR PARTS READILY AVAILABLE FROM THE GENERAL ARLINGTON/EVERETT/SEATTLE AREA.
- ALL MATERIALS SHALL BE APPROVED BY THE CITY PRIOR TO INSTALLATION.
- ALL PUBLIC WATER, SEWER, AND STORM DRAINAGE PIPING NOT IN PUBLIC RIGHT-OF-WAY REQUIRES 10 FOOT WIDE PERMANENT EASEMENTS GRANTED TO THE CITY.
- AS-BUILT PLANS SHALL BE SUBMITTED FOR ALL DEVELOPMENTS, SHORT PLATS, SUBDIVISIONS, AND ANY OTHER CONSTRUCTION RELATING TO THE CITY OF ARLINGTON STREETS, DRAINAGE AND UTILITY SYSTEMS. A REGISTERED LAND SURVEYOR OR PROFESSIONAL ENGINEER SHALL VERIFY THAT INSTALLATION OF ROADS AND UTILITIES WAS IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLANS AND VARIANCE TO THE PLAN AND PROFILE SHEETS SHALL BE SO NOTED ON THE PLANS AND THE WORD "AS-BUILT" WITH THE CURRENT DATE SHALL BE WRITTEN OR STAMPED ON THE PLANS.

- AT THE PUBLIC WORKS DIRECTOR DISCRETION, PRIOR TO COMMENCING ANY CONSTRUCTION, PHOTOGRAPHS DEPICTING PRE-EXISTING ROADWAY CONDITIONS WILL BE REQUIRED EVERY 50 FEET IN PAVED AREAS OR ANY OTHER LOCATION AS SPECIFIED BY THE PUBLIC WORKS DIRECTOR. A DIGITAL CAMERA SHALL BE USED AND COLOR PICTURES PROVIDED ON CD.
- SIGNING, FLAGGING AND TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THESE STANDARDS, (SEE STANDARD TRAFFIC CONTROL PLANS IN SECTION 4) THE WSOT TRAFFIC MANUAL, AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- ONE LANE OF TRAFFIC SHALL REMAIN OPEN AT ALL TIMES, ATTENDED BY FLAGGERS AND APPROPRIATE CONSTRUCTION SIGNING PROVIDED. THE ROAD SHALL BE RESTORED TO TWO-WAY TRAFFIC AT THE END OF EACH WORKING DAY. APPLICATION FOR TOTAL ROAD CLOSURES MUST BE FILED WITH THE CITY PUBLIC WORKS DEPARTMENT AT LEAST 5 DAYS PRIOR TO ANTICIPATED CLOSURE.
- EXISTING DRAINAGE DITCHES, CULVERTS, ETC., SHALL BE KEPT CLEAN AT ALL TIMES. TEMPORARY DIVERSION OF ANY DRAINAGE SYSTEM WILL NOT BE PERMITTED WITHOUT THE CONSENT OF THE PUBLIC WORKS DIRECTOR, ANY DRAINAGE CULVERT, CATCH BASIN, MANHOLE OR OTHER DRAINAGE STRUCTURE DISTURBED BY EXCAVATION SHALL BE REPLACED WITH NEW MATERIAL OR REPAIRED TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR. TEMPORARY EROSION/SEDIMENTATION CONTROL MEASURES SHALL BE EMPLOYED TO PROTECT ADJACENT PROPERTY AND STORM DRAINAGE FACILITIES.
- GRAVEL SHOULDERS DISTURBED BY EXCAVATION SHALL BE SHAPED TO CITY STANDARDS AND PROVIDED WITH A MINIMUM OF 2 INCHES COMPACTED CRUSHED SURFACING TOP COURSE GRAVEL.
- IF IN THE OPINION OF THE PUBLIC WORKS DIRECTOR, WEATHER CONDITIONS DETERIORATE TO THE POINT WHERE THE TRAVELED ROADWAYS ARE UNSAFE FOR THE PUBLIC OR DETRIMENTAL TO THE RESTORATION OF THE ROADWAY, EXCAVATION SHALL CEASE IMMEDIATELY AND CLEANUP SHALL BE PROMPTLY ACCOMPLISHED.
- ALL PIPE OR OTHER MATERIAL STORED ALONG CITY RIGHT-OF-WAY MUST BE PLACED AT A SAFE DISTANCE FROM THE TRAVELED ROADWAY IN SUCH A MANNER AS TO AVOID FALLING ONTO THE ROADWAY.
- NO EXCESS OR UNSUITABLE MATERIAL SHALL BE WASTED ON CITY RIGHT-OF-WAY. ANY SUCH MATERIAL DUMPED ON PRIVATE PROPERTY MAY REQUIRE A GRADING PERMIT. VERIFICATION WITH CITY OF ARLINGTON COMMUNITY DEVELOPMENT DEPARTMENT IS REQUIRED.

- STREET SURFACES SHALL BE CLEARED AT THE END OF EACH DAYS OPERATION WITH A POWER BROOM OR OTHER APPROVED MEANS. NO OPEN CUT CROSSING OF CITY ROADS OR STREETS SHALL BE MADE WITHOUT THE PRIOR APPROVAL OF THE PUBLIC WORKS DIRECTOR.
- MAXIMUM AMOUNT OF OPEN TRENCH ON STREETS SHALL BE 400 LINEAL FEET. AT THE END OF EACH DAY, ALL DITCHES MUST BE BACK FILLED OR COVERED WITH STEEL PLATES AND BARRICADED WITH FLASHING WARNING LIGHTS TO PREVENT PEOPLE OR ANIMALS FROM FALLING INTO THE TRENCH.
- FINAL CLEANUP INCLUDING RESTORATION OF SHOULDERS, CLEANING OF DITCHES, CULVERTS AND CATCH BASINS, AND REMOVAL OF LOOSE MATERIAL FROM BACK SLOPES OF DITCHES SHALL NOT EXCEED 1500 L.F. BEHIND EXCAVATING OPERATIONS AS REQUIRED BY THE PUBLIC WORKS DIRECTOR.
- THE PERMITTEE WILL BE RESPONSIBLE TO COORDINATE WITH THE STATE DEPARTMENT OF NATURAL RESOURCES FOR ANY CONFLICT BETWEEN PERMIT WORK AND EXISTING MONUMENTATION.
- LOT LINES SHOWN HERE ARE APPROXIMATE. ACTUAL PLATTED AND/OR DEED LOCATIONS SHALL TAKE PRECEDENCE.
- CONTRACTOR SHALL NOT WORK ON PRIVATE PROPERTY UNLESS PRIOR AUTHORIZATION IS GIVEN BY THE PROPERTY OWNER.
- ANY WORK WITHIN THE GAS LINE EASEMENT WILL REQUIRE APPROVAL OF THE LINES OWNERS AND SUPERVISION OF THAT PORTION OF THE CONSTRUCTION BY THE GAS LINE OWNER'S REPRESENTATIVE.
- BECAUSE OF THE SITE'S PROXIMITY TO THE AIRPORT THE CITY REQUIRES THE CONTRACTOR TO SUPPLY MARKINGS FOR ANY TALL CONSTRUCTION EQUIPMENT SUCH AS CRANES THAT MAY BE USED. THE MARKINGS SUPPLIED SHOULD BE FLAGS, MINIMUM 3'X3' IN DIMENSION WITH AN INTERNATIONAL ORANGE & WHITE CHECKERBOARD PATTERN UTILIZING 1'X1' SQUARES. FLAGS NEED TO BE PLACED ON HIGHEST PART OF EQUIPMENT TO SERVE AS VISUAL WARNING TO PILOTS. ANY EQUIPMENT SUCH AS CRANES NEED TO BE LOWEDED AT NIGHT.
- ALL STORM PIPE SHALL BE ADS N-12, CPEP, OR PVC SDR35 PIPE.

**CONTACT INFORMATION**

WILLIAM THORNBERRY  
THORNBERRY'S MOTOR CAR CO.  
16711 HWY 99  
LYNNWOOD, WA 98037  
(425)743-3131

**TAX ACCOUNT #**

31052700200100

**LEGAL DESCRIPTION**

LOT 3 & 4 OF SHORT PLAT NO.  
CITY OF ARLINGTON

**VERTICAL DATUM - N.A.V.D. 88**

VERTICAL DATUM IS BASED ON A G.P.S. TIE TO W.S.D.O.T. MONUMENT DESIGNATION GP31531-163, AND IS THE PROJECT BENCHMARK LOCATED AS SHOWN HEREON. ELEVATION = 127.57 NAVD 88.  
N.A.V.D. 88 - 3.73 FEET = N.G.V.D. 29.

**PROJECT BENCHMARK**

RECOVERED W.S.D.O.T. MONUMENT DESIGNATION GP31531-163, 3" BRASS DISK STAMPED "31531 OP 1998 163" SET IN CONCRETE MONUMENT CASE, VISITED JAN. 2000, ELEVATION = 127.57 NAVD 88.

**CITY OF ARLINGTON  
AS-BUILT CONSTRUCTION DRAWING REVIEW  
ACKNOWLEDGEMENT**

THIS AS-BUILT PLAN SHEET HAS BEEN REVIEWED AND ACCEPTED AS A RECORD DRAWING. THE LICENSED DESIGN ENGINEER WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET ASSUMES FULL AND COMPLETE RESPONSIBILITY FOR THE ACCURACY THEREOF.

By: \_\_\_\_\_ CITY ENGINEER  
Date: \_\_\_\_\_

**CONSTRUCTION DRAWING REVIEW  
ACKNOWLEDGEMENT**

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By: *Wm. S. ...* CITY ENGINEER  
Date: 02 / 28 / 2005  
THIS APPROVAL VALID FOR 18 MONTHS

**TREPANIER ENGINEERING**  
PROFESSIONAL CIVIL ENGINEERING  
1420 HEWITT AVE.  
EVERETT, WA 98201  
PHONE: (425) 259-5556  
FAX: (425) 259-5558

**GRADING AND DRAINAGE PLAN**  
**THORNBERRY**  
59TH AVE. NE DEVELOPMENT  
ARLINGTON, WASHINGTON  
SNOHOMISH COUNTY

SHEET: **1** OF: **4**

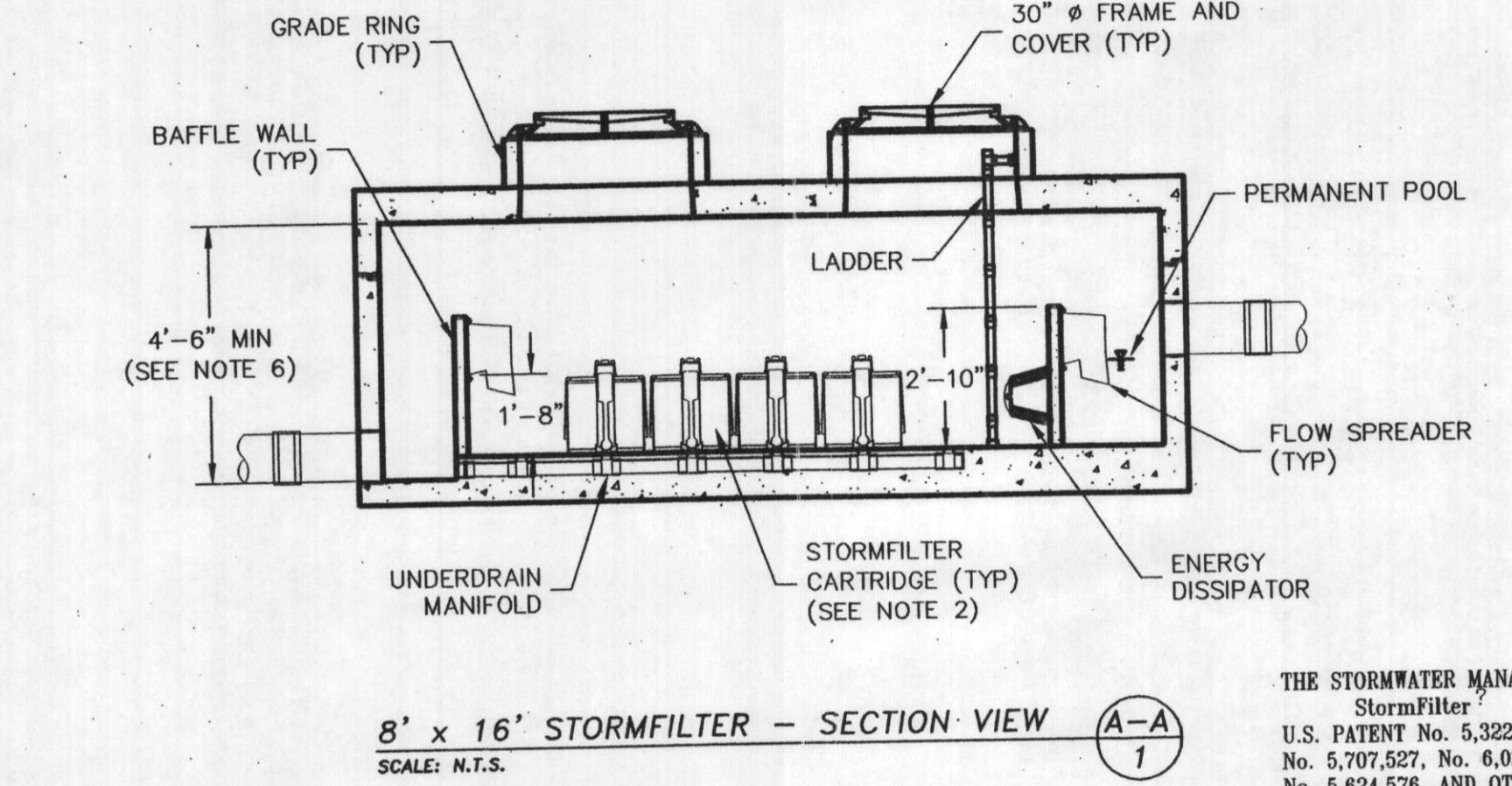
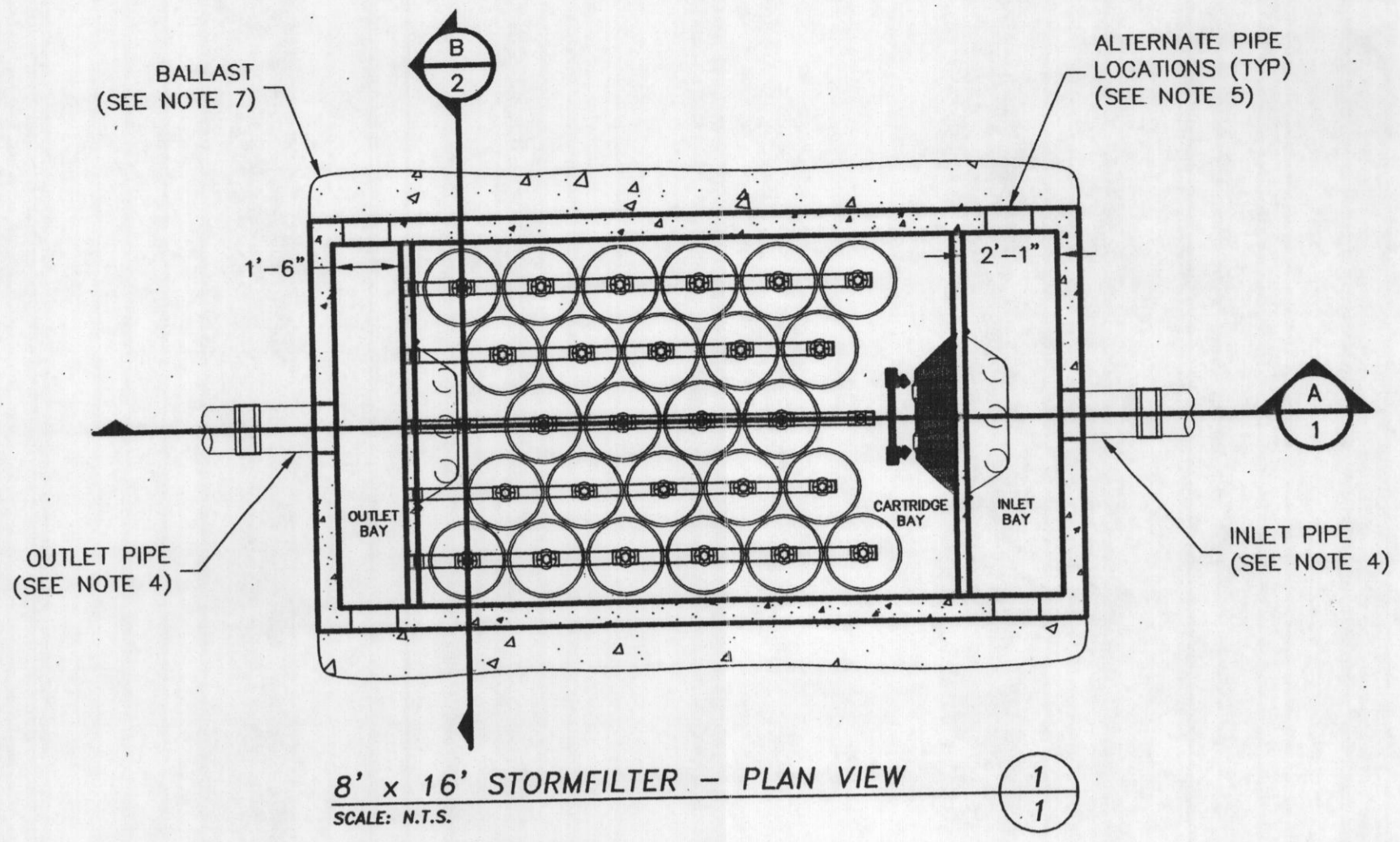
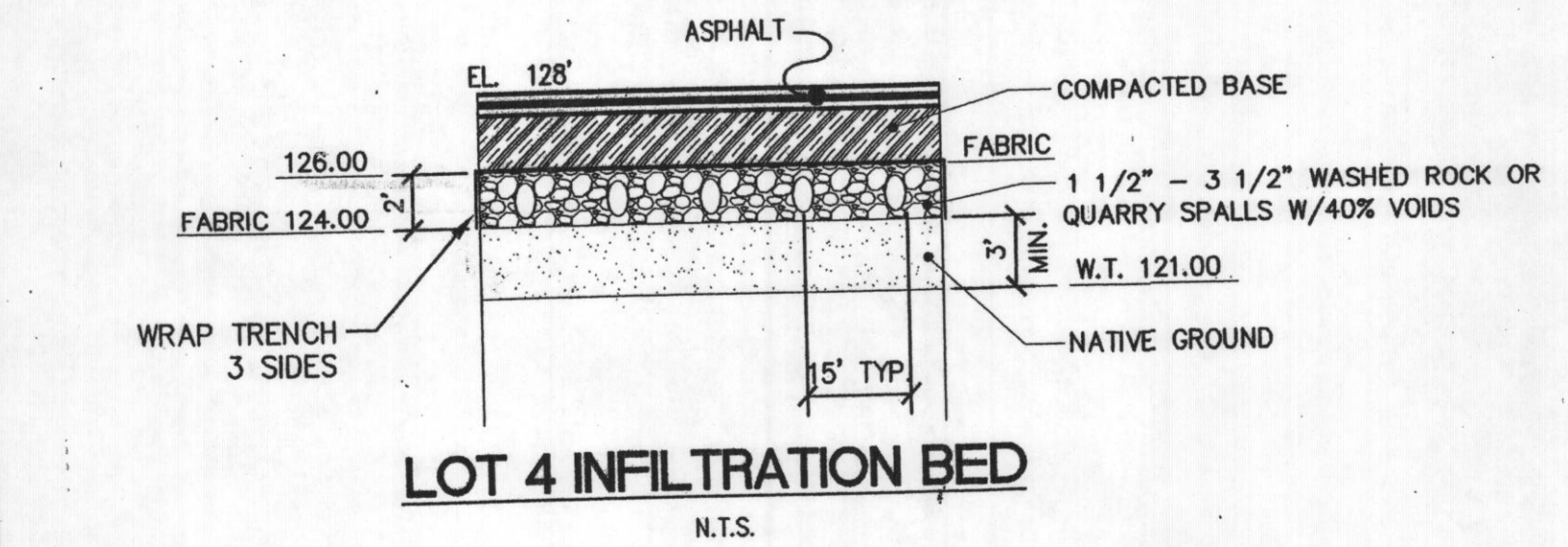
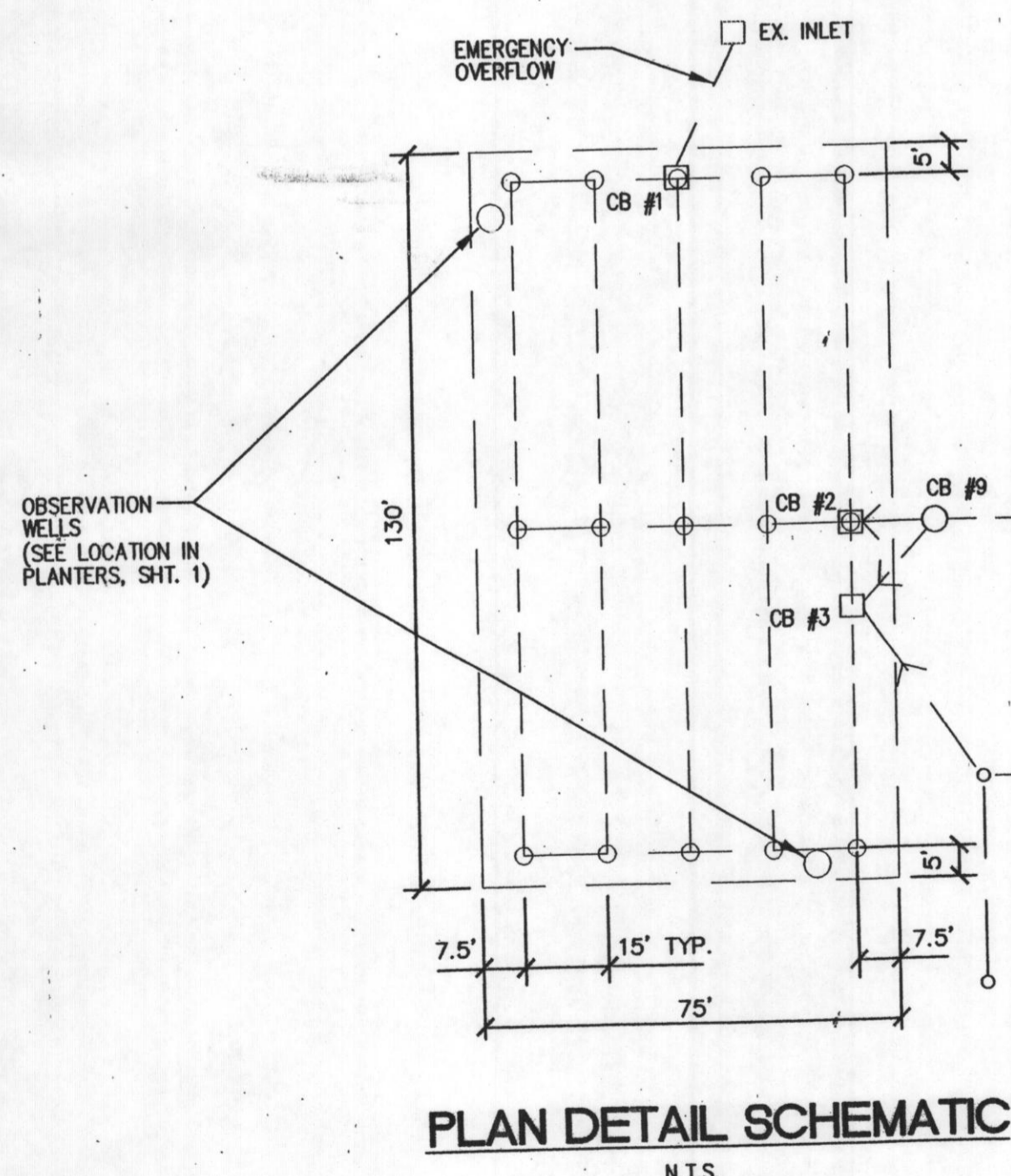
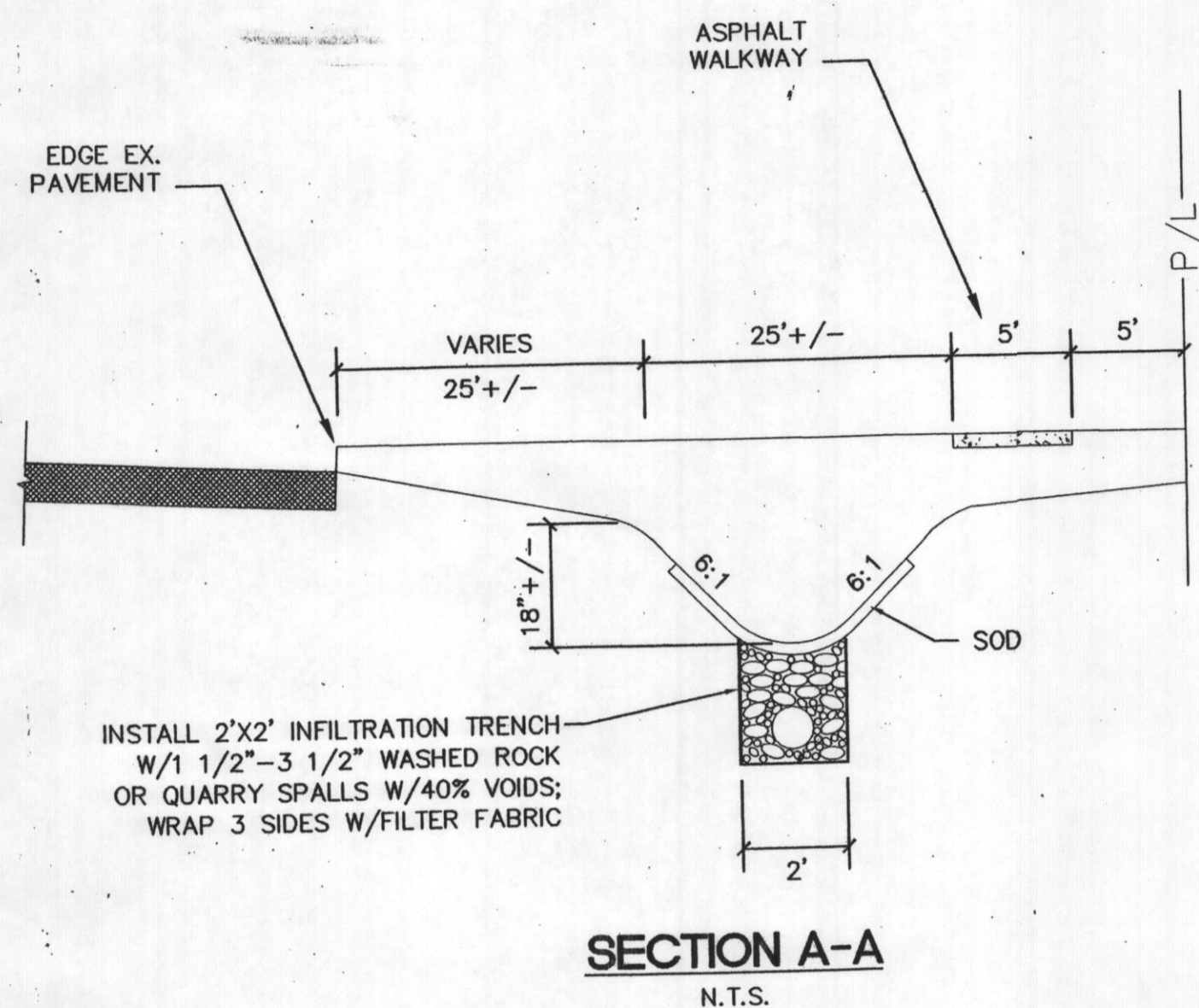
DATE OF FIELD SURVEY:

FIELD BOOK NO.:

X-REFS:

PLOT NAME:

DATE/STAMP:



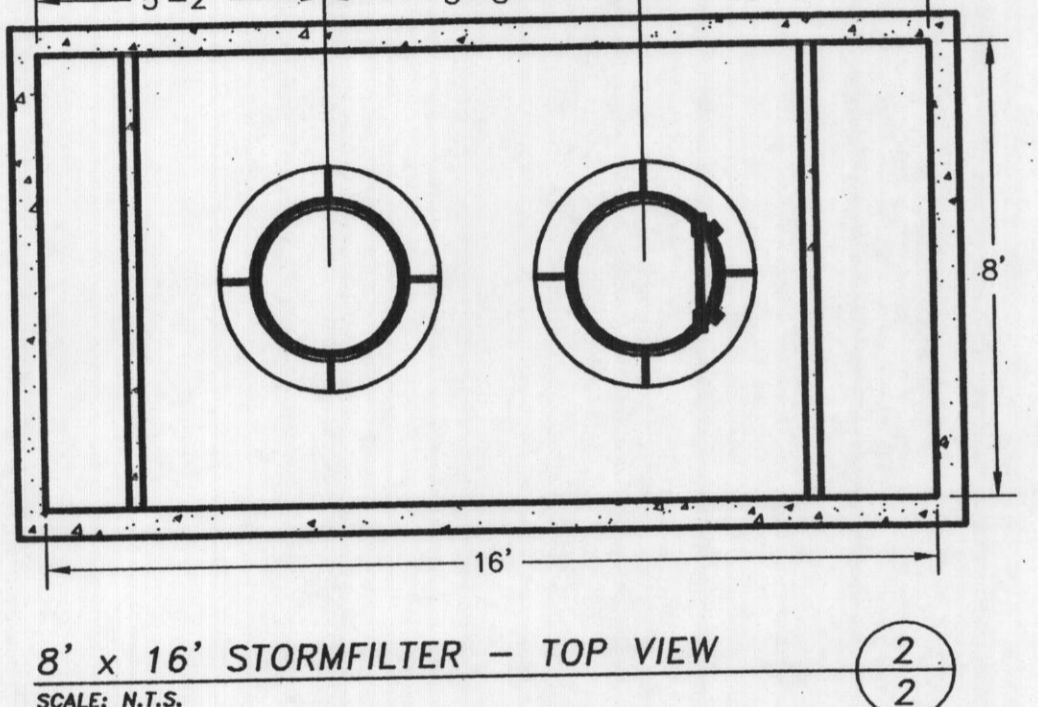
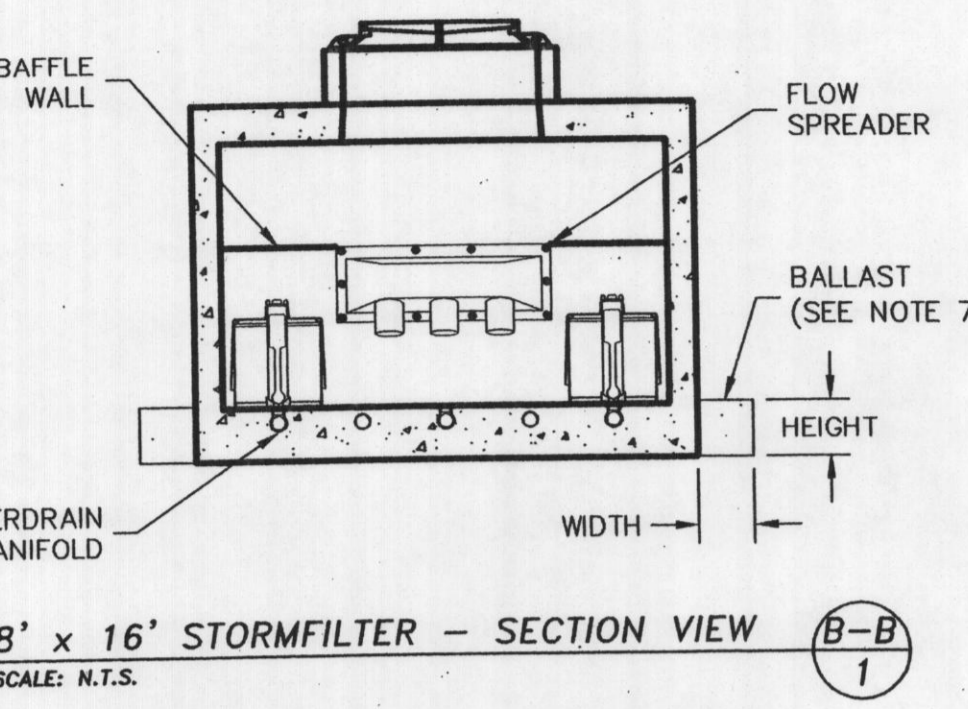
SHEET	DATE	BY	REVISION
1/2	05/20/05	JM	XXX
1			

DESIGNED BY: JM	DRAWN BY: JM	DATE: 1/10/05	PROJECT NO.: 5745	DRAWING FILE NAME: SF816.DWG
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DESIGN WATER QUALITY FLOW RATE (cfs)	0.31
PEAK FLOW RATE (cfs)	1.28
RETURN PERIOD OF PEAK FLOW (yr)	100
# OF CARTRIDGES REQUIRED	19
CARTRIDGE FLOW RATE (15 GPM STD)	7.5
MEDIA TYPE	FOULITE
PIPE DATA:	IE MATERIAL DIAMETER
INLET PIPE #1	123.12 300 12"
INLET PIPE #2	123.35 300 12"
OUTLET PIPE	120.80 300 12"
RIM ELEVATIONS:	
	127.80
	127.80

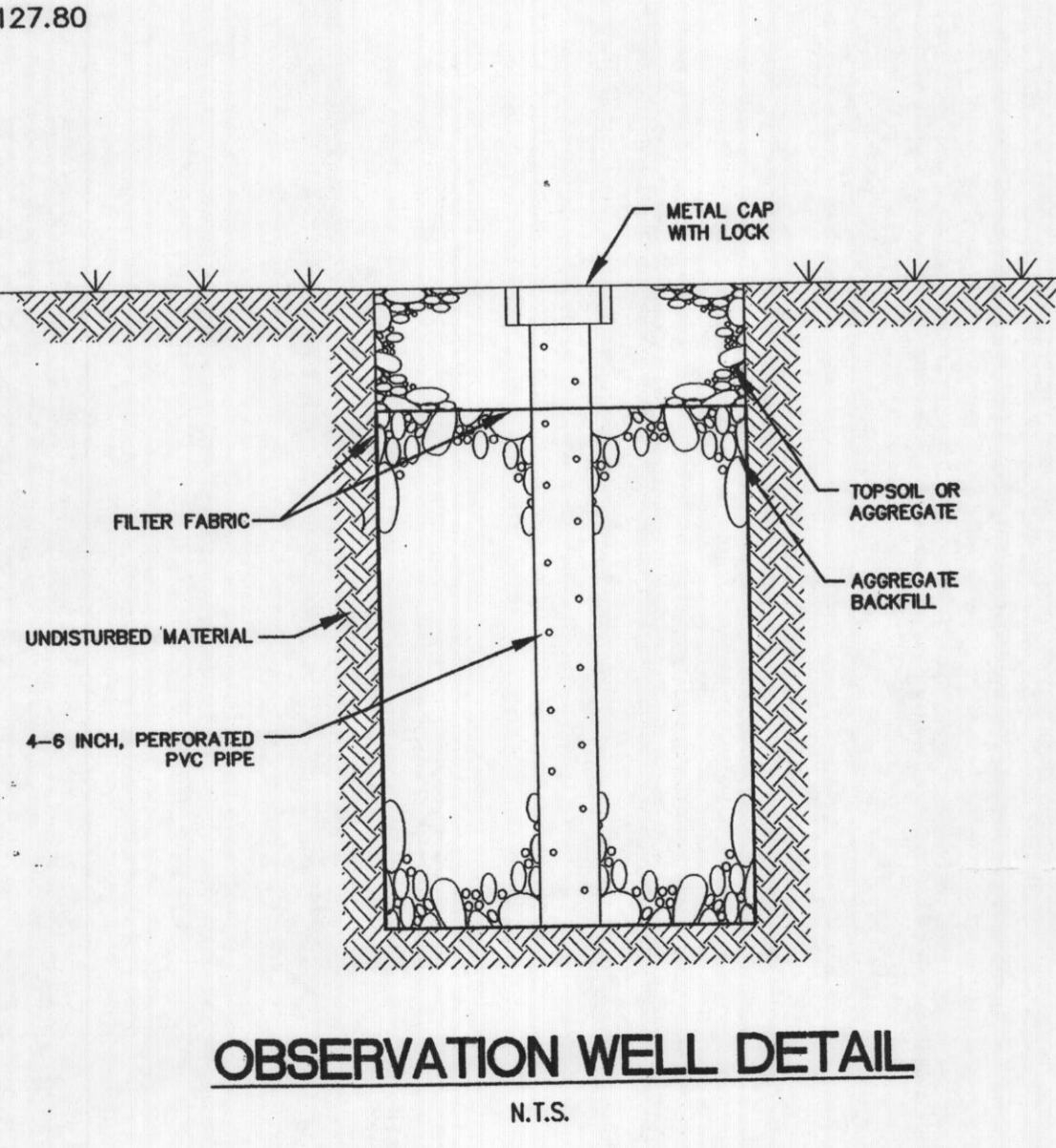
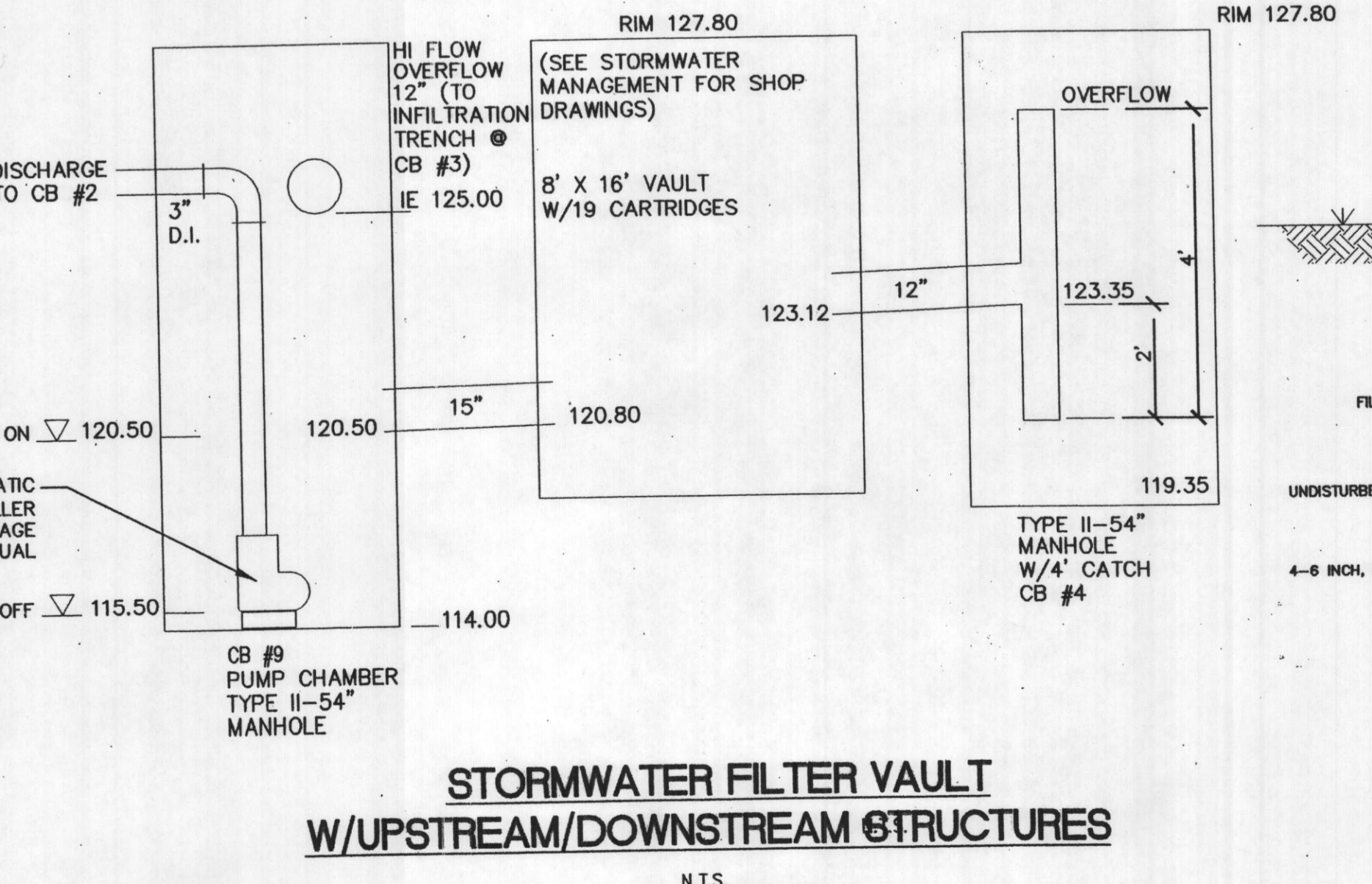
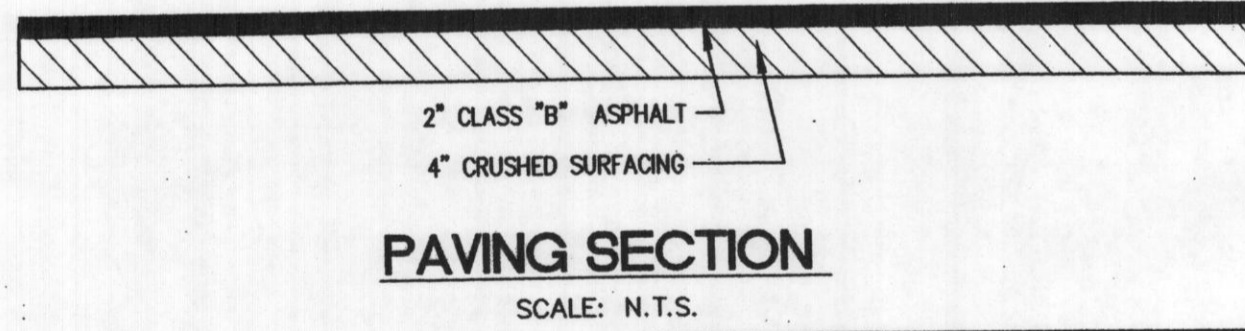
- GENERAL NOTES**
- 1) STORMFILTER BY STORMWATER MANAGEMENT INC., PORTLAND, OREGON 800/948-4667.
  - 2) FILTERS TO BE SPHON-ACTUATED AND SELF-CLEANING.
  - 3) PRECAST CONCRETE VAULT TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C887 AND CODE.
  - 4) STORMFILTER REQUIRES 2.3' OF DROP FROM INLET TO OUTLET. INLET AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR.
  - 5) PRECAST STORMFILTER EQUIPPED WITH EITHER COPED OPENINGS OR KNOCKOUTS AT INLET/OUTLET LOCATION.
  - 6) RECOMMENDED MINIMUM CLEARANCE FOR MAINTENANCE ACCESS. CONTACT SM FOR OTHER OPTIONS IF A SHALLOWER SYSTEM IS REQUIRED.
  - 7) ANTI-FLOTATION BALLAST TO BE SPECIFIED BY ENGINEER IF NEEDED. BALLAST TO BE SET ALONG ENTIRE LENGTH OF BOTH SIDES OF VAULT. BALLAST MATERIALS TO BE PROVIDED BY CONTRACTOR.
  - 8) ALL STORMFILTERS REQUIRE REGULAR MAINTENANCE. REFER TO OPERATION AND MAINTENANCE GUIDELINES FOR DETAILS.
  - 9) DETAIL REFLECTS DESIGN INTENT ONLY. ACTUAL VAULT DIMENSIONS AND CONFIGURATION WILL BE SHOWN ON PRODUCTION SHOP DRAWING.
  - 10) STANDARD DETAIL SHOWS MAXIMUM NUMBER OF CARTRIDGES. EXACT NUMBER REQUIRED TO BE SPECIFIED ON SITE PLANS.



SHEET	DATE	BY	REVISION
2/2	05/20/05	JM	XXX
2			

DESIGNED BY: JM	DRAWN BY: JM	DATE: 1/10/05	PROJECT NO.: 5745.01	DRAWING FILE NAME: SF816.DWG
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**CITY OF ARLINGTON**  
**AS-BUILT CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT**

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By: *Ken P. Co. PE*  
 CITY ENGINEER

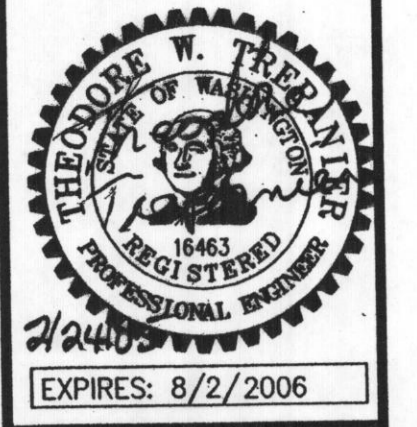
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**CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT**

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By: *Ken P. Co. PE*  
 CITY ENGINEER

Date: 02 / 28 / 2005  
 THIS APPROVAL VALID FOR 18 MONTHS



DESIGNED BY: K.H.  
 CHECKED BY: T.W.T.  
 JOB NO.: 04-007  
 DATE: 2-24-05

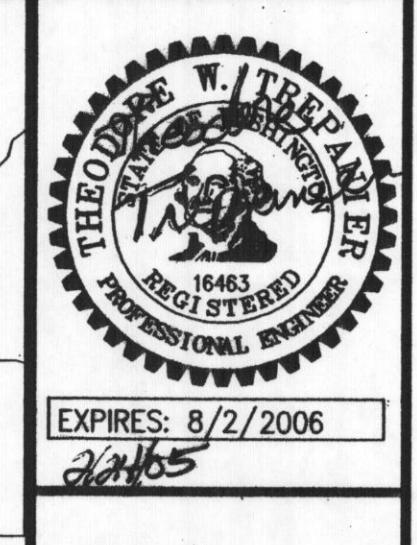
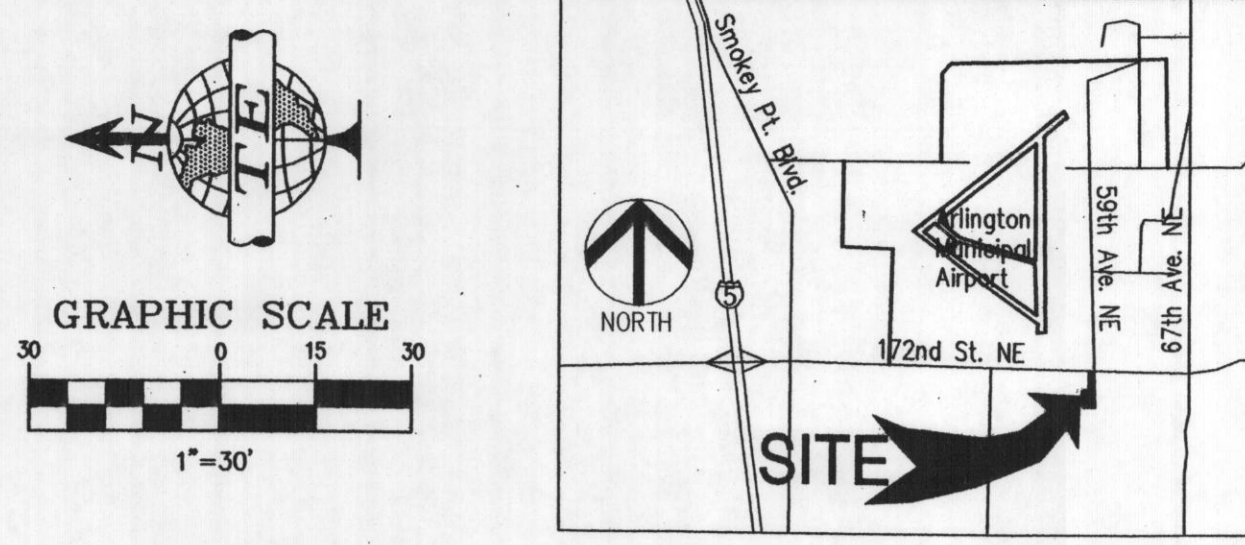
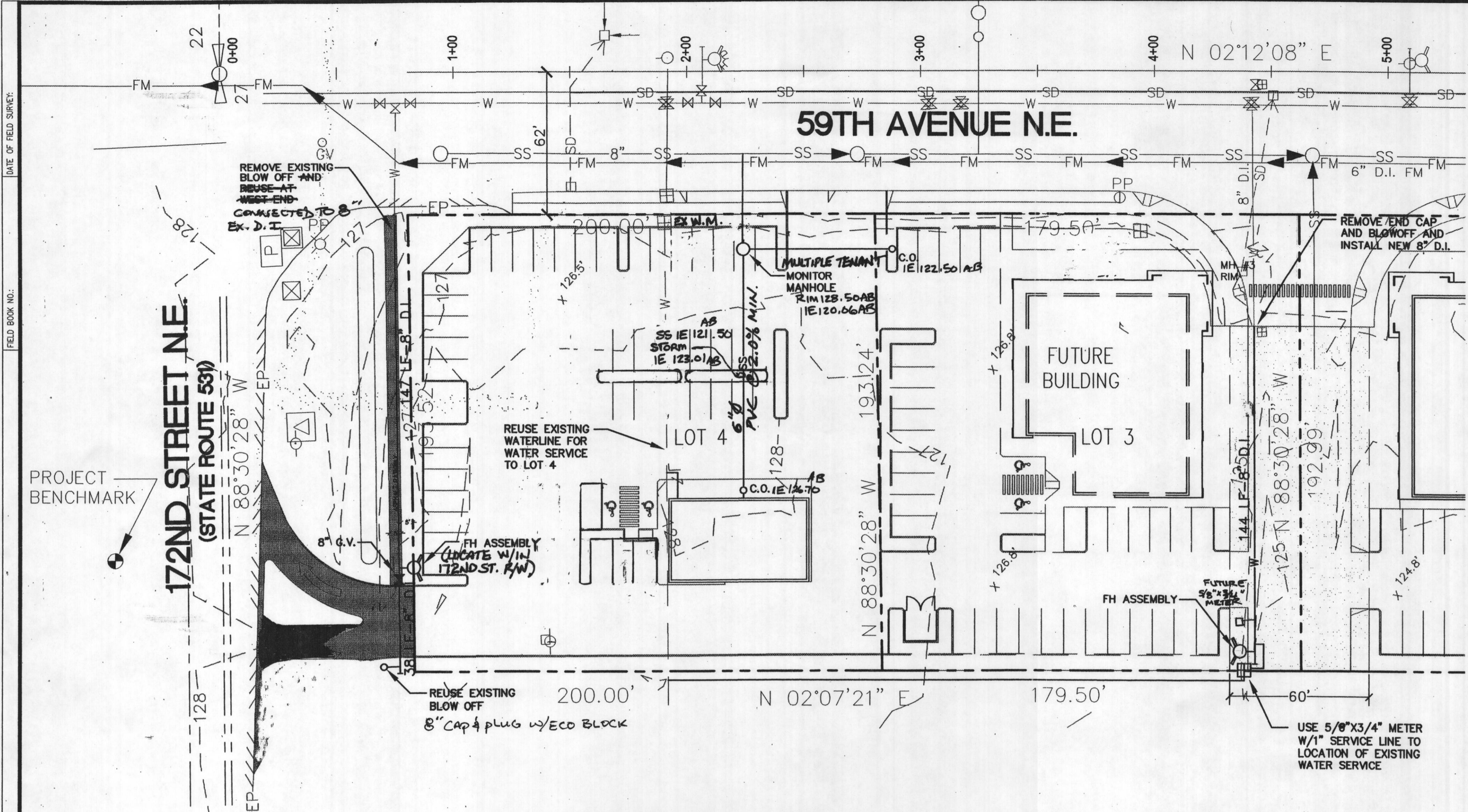
**TREPANIER ENGINEERING**  
 PROFESSIONAL CIVIL ENGINEERING

1420 HEWITT AVE.  
 EVERETT, WA 98201  
 PHONE: (425) 259-5556  
 FAX: (425) 259-5558

**GRADING SECTIONS AND DETAILS**

**THORNBERY**  
 59TH AVE. NE DEVELOPMENT  
 ARLINGTON, WASHINGTON  
 SNOHOMISH COUNTY

SHEET: 2 OF 4



CONSTRUCTION NOTES

- 1. TRENCHES SHALL BE EXCAVATED TO LINE AND DEPTH SO ALL NEW PIPELINES CONSTRUCTED SHALL NOT HAVE LESS THAN THREE (3) FEET OR IN EXCESS OF FOUR (4) FEET OF COVER, MEASURED FROM THE TOP OF THE PIPE TO THE APPROVED FINISH GRADE. IF A GRADE REVISION IS MADE, THE COVER OVER THE WATER MAIN MUST REMAIN WITHIN THESE LIMITS. OTHERWISE, THE WATER MAIN SHALL BE RECONSTRUCTED.

WATER SYSTEM NOTES

- 1. WATER PIPE
A. DUCTILE IRON PIPE SHALL BE NEW, CLASS 52, CEMENT-LINED, CONFORMING TO ANSI STANDARD A21.51 (AWWA C-91).

MATERIALS

- 6. VALVE BOXES
VALVE BOXES SHALL BE TWO-PIECE, CAST IRON VALVE BOX WITH ADJUSTABLE SECTIONS EQUAL TO OLYMPIC FOUNDRY PART #911. W / DEEP SHORT LIDS.

SANITARY SEWER SYSTEM NOTES

- 1. PVC PIPE AND FITTINGS SHALL BE INTEGRAL WALL BELL AND SPIGOT, RUBBER GASKET JOINT, PVC CONFORMING TO ASTM 3034 SDR 35.
2. ALL PVC SEWER PIPE AND FITTINGS MANUFACTURED AND INSTALLED SHALL BE IN ACCORDANCE WITH THE ASTM RECOMMENDED SPECIFICATIONS D3034-73, CURRENT REVISIONS, AND ALL INSTALLATIONS SHALL BE IN STRICT COMPLIANCE WITH THE MANUFACTURER'S DIRECTIONS.

CITY OF ARLINGTON
AS-BUILT CONSTRUCTION DRAWING REVIEW
ACKNOWLEDGEMENT
THIS AS-BUILT PLAN SHEET HAS BEEN REVIEWED AND ACCEPTED AS A SECOND DRAWING...

CONSTRUCTION DRAWING REVIEW
ACKNOWLEDGEMENT
THIS PLAN SHEET HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE CITY OF ARLINGTON CODES AND ORDINANCES...

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WATER AND SEWER PLAN
THORNBERY
59TH AVE. NE DEVELOPMENT
ARLINGTON, WASHINGTON
SNOHOMISH COUNTY