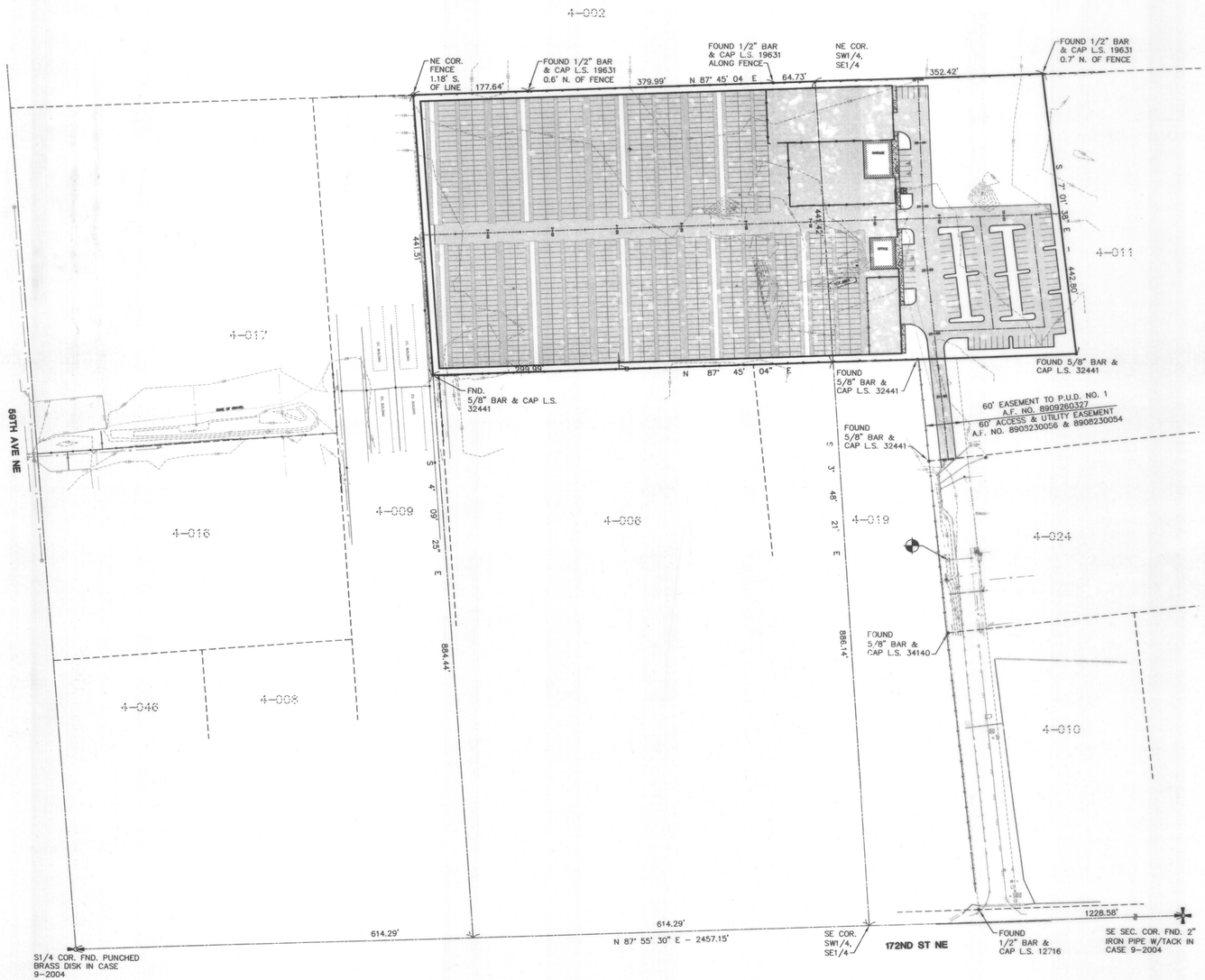
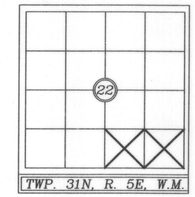
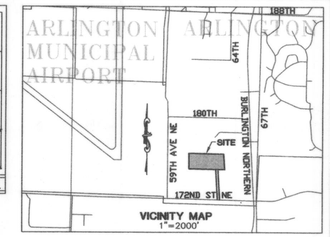
PORT'N SE 1/4 & SW 1/4, SE 1/4, SEC. 22, TWP. 31 N., RGE. 5 E., W.M.







APPLICANT:
STEVE FERILL
18306 HWY 99
LYNNWOOD, WA. 98037
PHONE: (425) 778-3147

ARCHITECT:
GARY PARKINSON
GARY PARKINSON ARCHITECTS
2812 COLBY AVE
EVERETT, WASHINGTON 98201
PHONE: (425) 252-2153

CIVIL ENGINEERS:
JACOB DAHL
CASCADE SURVEYING & ENGINEERING
P.O. BOX 326
ARLINGTON, WA. 98223
PHONE: (360)435-5551

GEOTECHNICAL:
NELSON GEOTECHNICAL
17311 135TH AVENUE NE STE A-500
WOODINVILLE, WA. 98072
PHONE: (425) 486-1669

SITE ADDRESS:
SOUTH OF MERIDIAN YACHTS, NORTH OF 172ND ST
ARLINGTON, WA. 98223

LEGAL DESCRIPTION:
THAT PORTION OF THE SOUTHEAST QUARTER OF SECTION 22; TOWNSHIP 31 NORTH, RANGE 5 EAST, W.M. SITUATE IN SNOHOMISH COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 22;
THENCE NORTH 89°00'12" WEST ALONG THE SOUTH LINE OF SAID SECTION 22 A DISTANCE OF 800.28 FEET.
THENCE NORTH 03°54'42" WEST A DISTANCE OF 1,333.18 FEET TO THE NORTH LINE OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 22 AND THE TRUE POINT OF BEGINNING,
THENCE SOUTH 03°54'42" EAST A DISTANCE OF 442.80 FEET,
THENCE NORTH 89°09'05" WEST A DISTANCE OF 998.27 FEET TO THE INTERSECTION WITH THE EAST LINE OF THE WEST HALF OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 22,
THENCE NORTH 50°02'58" WEST ALONG SAID EAST LINE A DISTANCE OF 441.50 FEET TO THE INTERSECTION WITH THE NORTH LINE OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 22,
THENCE SOUTH 89°09'15" AST ALONG THE NORTH LINE OF THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SAID SECTION 22 A DISTANCE OF 976.15 FEET TO THE TRUE POINT OF BEGINNING.

TAX PARCEL NUMBER:
31052200401800

PROJECT DATA:

JURISDICTION:	CITY OF ARLINGTON
ZONING:	GENERAL INDUSTRIAL
PROJECT ADDRESS:	XXXXXXX ARLINGTON, WASHINGTON
TAX ACCOUNT NO.:	31052200401800
HEIGHT MAX:	45 FT
GROSS SQUARE FOOTAGE:	435,027 S.F. (9.98 ACRES)
POWER:	SNOHOMISH COUNTY PUD
WATER SUPPLY:	CITY OF ARLINGTON
SEWAGE DISPOSAL:	CITY OF ARLINGTON
TELEPHONE:	VERIZON
GAS:	CASCADE NATURAL GAS
FIRE PROTECTION DISTRICT:	CITY OF ARLINGTON
SCHOOL DISTRICT:	ARLINGTON #16

CONSTRUCTION SEQUENCE AND SCHEDULE:

1. SET UP PRE-CONSTRUCTION MEETING WITH CITY OF ARLINGTON (360) 403-3500
2. INSTALL T.E.S.C. MEASURES AS SPECIFIED ON SHEET 3.
3. THE CLEARING AND GRUBBING OF SITE.
4. THE ROUGH GRADING OF SITE.
5. INSTALL SEWER.
6. INSTALL STORM SYSTEM.
7. INSTALL WATER.
8. THE FINAL GRADING, AND GRAVELING OF SITE.
9. THE PAVING OF THE SITE & INSTALL LANDSCAPING.
10. SEED ALL DISTURBED AREAS.

*** CONSTRUCTION TO START AS SOON AS THE PROJECT IS APPROVED AND IT WILL PROCEED IN A TIMELY MANNER.

PARKING CALCULATIONS:
REQUIRED PARKING:
1 STALL PER 200 SQ. FT. OF BLDG. AREA
4,700 SQ. FT./200 = 24 STALLS

TOTAL REQUIRED: 24 STALLS

PARKING PROVIDED: 110 STALLS

LANDSCAPE CALCULATIONS:

REQUIRED LANDSCAPING:	20% OF SITE AREA AND/OR OPEN SPACE
PARKING LOT:	53,080 S.F. PAVING X 20% = 10,616 S.F. REQD 10,659 S.F. PROVIDED 109 CARS / 7 TREES = 16 TREES REQD 17 TREES PROVIDED
DOMESTIC CAR LOT:	70,315 S.F. PAVING X 20% = 14,063 S.F. REQD 23,393 S.F. PROVIDED
FOREIGN CAR LOT:	86,448 S.F. PAVING X 20% = 17,289 S.F. REQD 34,785 S.F. PROVIDED
PERIMETER BUFFER:	10' TYPE 'A' LANDSCAPE

TOTAL IMPERVIOUS SURFACE IS 68% OF TOTAL SITE

COVER SHEET LEGEND:
- 1/2" X 24" REBAR & CAP #LS19631 SET THIS SURVEY UNLESS OTHERWISE NOTED
- EXISTING ELECTRIC VAULT
- EXISTING DRAINAGE MH
- EXISTING WATER VALVE
- EXISTING HYDRANT
- EXISTING POWER POLE
- EXISTING CATCH BASIN
- EXISTNG LIGHT POLE
- EXISTING TELEPHONE PEDESTAL
- EXISTING MONITOR WELL
- EXISTING WATER METER
- EXISTING ELECTRIC METER
- EXISTING 1-1/2" PVC MONITORING PIPE
- EXISTING BARBED WIRE FENCE
- EXISTING CHAIN LINK FENCE
- EXISTING UNDERGROUND WATER LINE
- EXISTING UNDERGROUND GAS LINE

DRAWING INDEX

#	DESCRIPTION	FILE NAME
1	COVER SHEET	U:\16362\DWG\As_Builts\16362gen.dwg (COVER)
2	~~NOTES~~	NOT INCLUDED
3	~~T.E.S.C.P.~~	NOT INCLUDED
4	~~GRADING PLAN~~	NOT INCLUDED
5	OFF-SITE SEWER PLAN	U:\16362\DWG\As_Builts\xref16362ss-wa.dwg (OFF SEWER)
6	ON-SITE SEWER PLAN	U:\16362\DWG\As_Builts\xref16362ss-wa.dwg (ON SEWER (REVISED))
7	WATER PLAN	U:\16362\DWG\As_Builts\xref16362ss-wa.dwg (WATER)
8	STORM DRAINAGE PLAN	U:\16362\DWG\As_Builts\xref16362storm.dwg (STORM)
9	DETAILS 1	U:\16362\DWG\As_Builts\16362gen.dwg (DETAILS1)
10	~~DETAILS 2~~	NOT INCLUDED
SP1	~~SITE PLAN~~	NOT INCLUDED
SP1.2	~~SITE DETAILS~~	NOT INCLUDED
L1	~~LANDSCAPE PLAN~~	NOT INCLUDED

GRAPHIC SCALE
100 0 50 100 200
(IN FEET)
1 inch = 100 ft.

VERTICAL DATUM:
NAVD 1988
TO CONVERT TO NGVD 1929
SUBTRACT 3.72'

TEMPORARY BENCHMARK:
FIRE HYDRANT
NORTH BOLT, TOP FLANGE
ELEV= 133.25

CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

AS-BUILT LEGEND:
DARK TEXT = AS-BUILT INFORMATION
LIGHT TEXT = DESIGN INFORMATION

CITY OF ARLINGTON

AS-BUILT CONSTRUCTION DRAWING REVIEW ACKNOWLEDGMENT

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 THEREIN.

BY: MJ
CITY ENGINEER
DATE: 09/25/2007

U:\16362\DWG\As_Builts\16362gen.dwg (COVER)

AS-BUILT DRAWING

CASCADE SURVEYING & ENGINEERING, INC.
Engineers Surveyors Planners
P.O. BOX 326 ARLINGTON, WASHINGTON 98223 (360)435-5551
FAX (360)435-4012 1-800-593-5551

JACOB H. DAHL STATE OF WASHINGTON 42750 REGISTERED PROFESSIONAL ENGINEER
4-24-07
EXPIRES: 06/22/09

REVISION	BY
REVISED PER COMMENT LETTER 9-19-07	JBT

DESIGNED JD DATE 09/07
DRAWN MG/JBT DATE 09/07
CHECKED JD DATE 09/07
FIELD BOOK ARL 105, 108, ARL 117, 119

STEVE FERRILL
COVER SHEET
CITY OF ARLINGTON FILE #S05-062

1 of 10

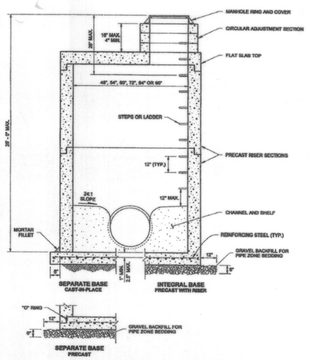
16362

PORT'N SE 1/4 & SW 1/4, SE 1/4, SEC. 22, TWP. 31 N., RGE. 5 E., W.M.

DRAWN BY: JOHN COCHRAN

NOTE

Knockouts shall have a wall thickness of 2.5" minimum to 2.5" maximum.



MANHOLE DIMENSION TABLE

DIAM.	WALL THICKNESS	BASE THICKNESS	MAXIMUM KNOCKOUT SIZE	MINIMUM DISTANCE BETWEEN KNOCKOUTS	BASE REINFORCING STEEL in²/ft. IN EACH DIRECTION	
					SEPARATE BASE	INTEGRAL BASE
48"	4"	6"	36"	8"	0.23	0.15
54"	4.5"	6"	42"	8"	0.19	0.19
60"	5"	6"	48"	8"	0.25	0.25
72"	6"	8"	60"	12"	0.35	0.24
84"	8"	12"	72"	12"	0.39	0.29
96"	8"	12"	84"	12"	0.39	0.29

ASHER J. STEVENS — STATE OF WASHINGTON — 22594 — REGISTERED PROFESSIONAL ENGINEER

EXPIRES JULY 1, 2007

MANHOLE TYPE 3

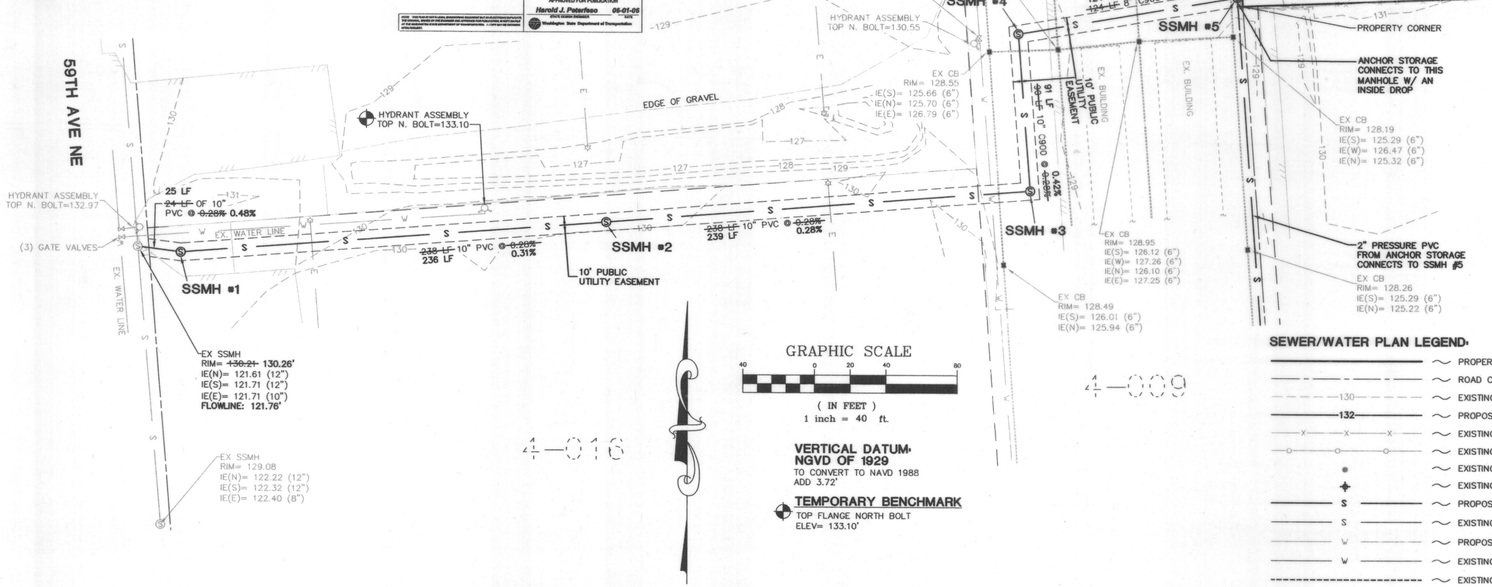
STANDARD PLAN B-15.60-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Harold J. Peterfeso 06-01-06
ENGINEER MANAGER DATE
Washington State Department of Transportation

NOTE: THIS PLAN IS NOT A LEGAL DOCUMENT UNLESS IT BEARS AN ORIGINAL ENGINEER'S SEAL AND SIGNATURE. THE ENGINEER AND THE STATE OF WASHINGTON DISCLAIM ANY RESPONSIBILITY OR LIABILITY FOR ANY UNOFFICIAL USE OF AN UNSEALED COPY. © 2005 WSDOT



GRAPHIC SCALE

40 0 20 40 80

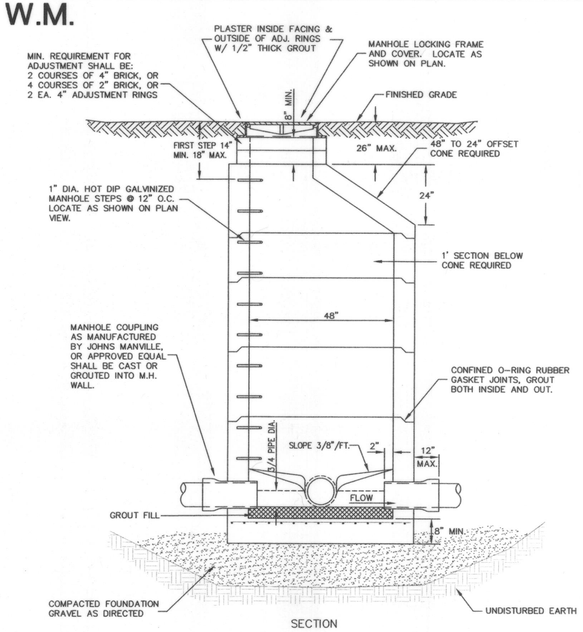
(IN FEET)
1 inch = 40 ft.

VERTICAL DATUM:
NGVD OF 1929
TO CONVERT TO NAVD 1988
ADD 3.72'

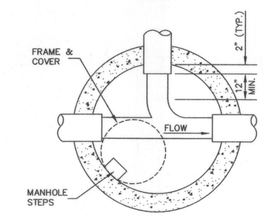
TEMPORARY BENCHMARK
TOP FLANGE NORTH BOLT
ELEV= 133.10'

SEWER/WATER PLAN LEGEND:

- PROPERTY LINE
- ROAD CENTER LINE
- 130 — EXISTING CONTOUR
- 132 — PROPOSED CONTOUR
- X X X — EXISTING BARBED WIRE FENCE
- O O O — EXISTING CHAIN LINK FENCE
- EXISTING 1-1/2" PVC MONITORING PIPE
- EXISTING DRILLED MONITORING WELL
- S — PROPOSED SEWER LINE
- S — EXISTING SEWER LINE
- W — PROPOSED WATER LINE
- W — EXISTING WATER LINE
- EXISTING STORM LINE
- PROPOSED STORM LINE



SECTION



PLAN VIEW

1 **PRECAST MANHOLE DETAIL (S1)**

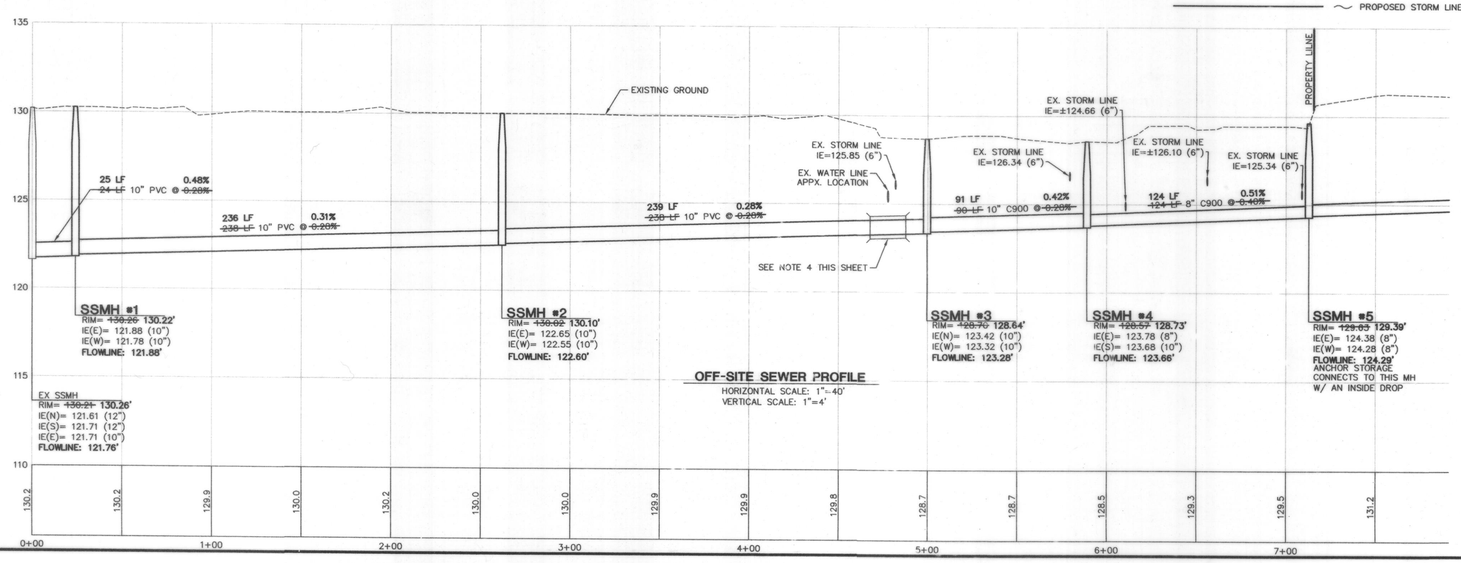
NO SCALE

NOTES:

1. TEMPORARY INLET PROTECTION, PER DETAIL 3 ON SHEET 3, TO BE BUILT FOR CATCH BASINS NEAR THE CONSTRUCTION PATH OF OFF-STIE SEWER.
2. INSTALL SILT FENCING TO PROTECT THE INFILTRATION POND TO NORTH DURING OFF-SITE SEWER CONSTRUCTION.
3. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL OFF-SITE SURFACES TO THEIR PRE-CONSTRUCTION STATE. ALL TRENCHING WITHIN THE PUBLIC R/W IS BE RESTORED PER COA STANDARD PLANS R23 & R25. SEE DETAILS 2 & 5 SHEET 10.
4. IF 18" OF VERTICAL CLEARANCE CANNOT BE ACHIEVED BETWEEN THE PROPOSED SEWER LINE AND THE EXISTING WATER LINE, THE SEWER LINE IS TO BE SLEEVED WITH 20-FT OF PVC CENTERED ON THE CROSSING, AND OR THE WATER LINE WILL NEED TO BE ADJUSTED TO AVOID CONFLICT.
5. ALL MANHOLES ARE TO BE 48" PRECAST MANHOLES AS DETAILED ABOVE UNLESS NOTED OTHERWISE.
6. PIPE LENGTHS & SLOPES ARE CALCULATED FROM CENTER OF MANHOLE TO CENTER OF MANHOLE.

CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

AS-BUILT LEGEND:
DARK TEXT = AS-BUILT INFORMATION
LIGHT TEXT = DESIGN INFORMATION



OFF-SITE SEWER PROFILE
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

CITY OF ARLINGTON

THIS SHEET HAS BEEN APPROVED PER THE CONDITIONS ON THE COVER SHEET.

BY: MG
CITY ENGINEER

DATE: 09/25/2007

U:\16362\DWG\As_Builts\xref16362ss-wa.dwg (OFF SEWER)

CASCADE SURVEYING & ENGINEERING, INC.
Engineers Surveyors Planners
P.O. BOX 326 ARLINGTON, WASHINGTON 98223
(360)435-5551 FAX (360)435-4012
1-800-553-5551

JACOB H. DALE — STATE OF WASHINGTON — 42764 — REGISTERED PROFESSIONAL ENGINEER

EXPIRES: 06/22/09

9-24-07

BY	REVISION
JBT	REVISED PER COMMENT LETTER 9-19-07

DESIGNED JD DATE 09/07
DRAWN MF/JBT DATE 09/07
CHECKED JD DATE 09/07
FIELD BOOK ARL 105, 108 ARL 117, 119

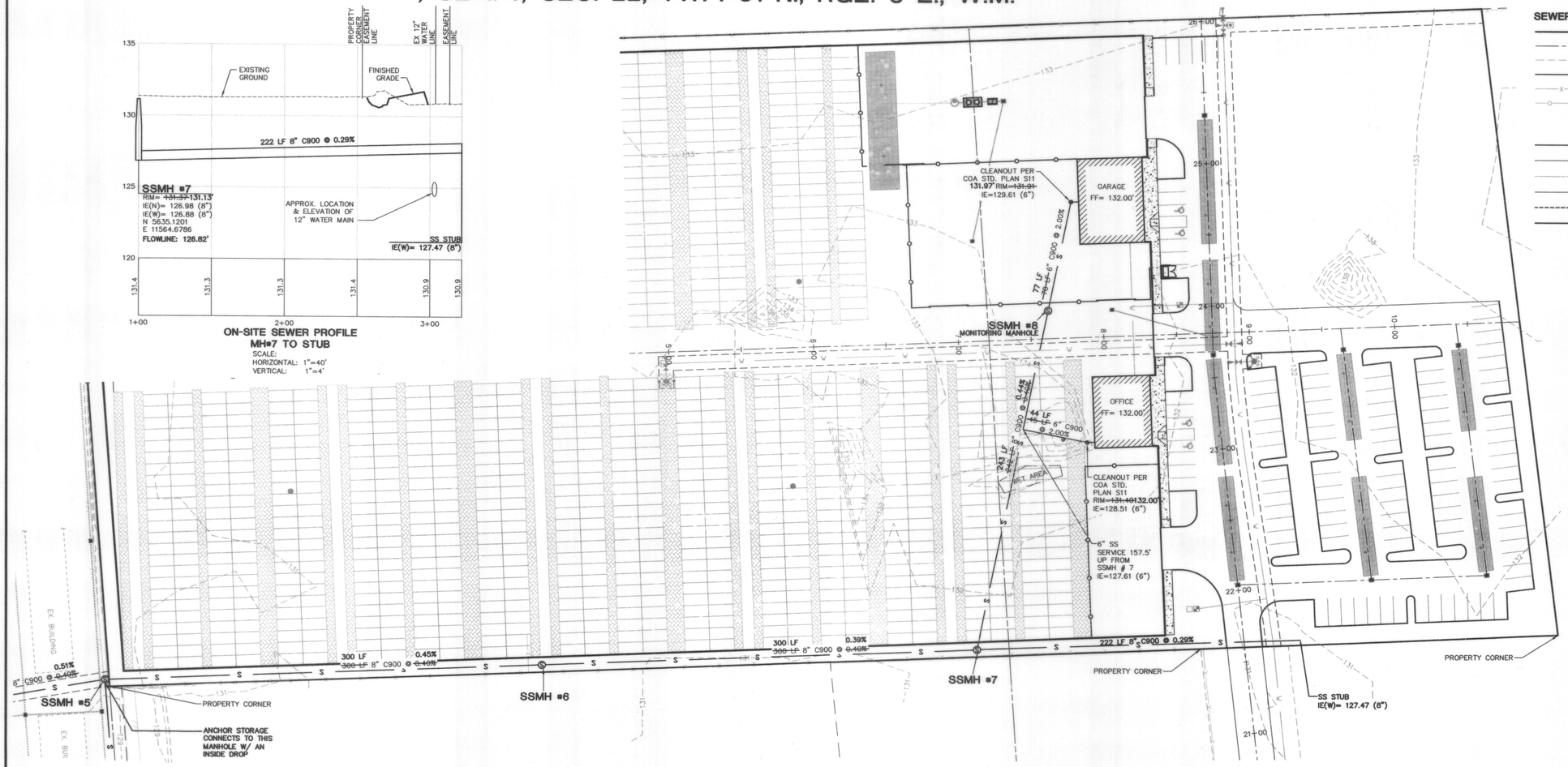
AS-BUILT DRAWING

STEVE FERRILL
OFF-SITE
SEWER PLAN
CITY OF ARLINGTON FILE #S05-062

16362

PORT'N SE 1/4 & SW 1/4, SE 1/4, SEC. 22, TWP. 31 N., RGE. 5 E., W.M.

ON-SITE SEWER PROFILE
MH#7 TO STUB
SCALE:
HORIZONTAL: 1"=40'
VERTICAL: 1"=4'



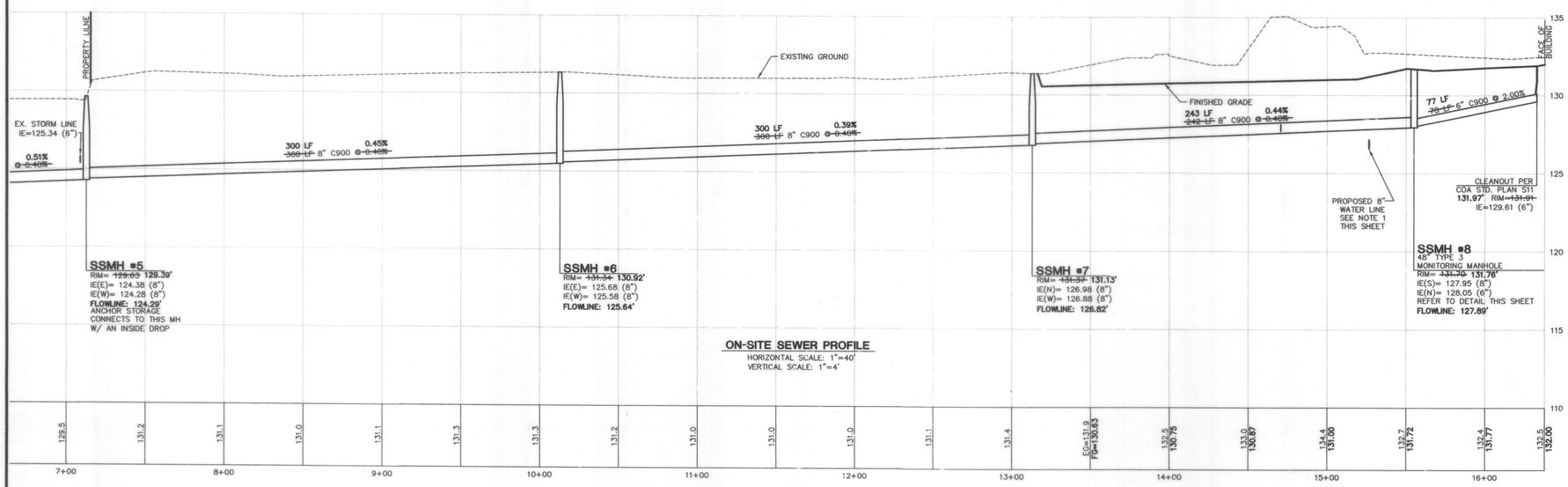
SEWER/WATER PLAN LEGEND:

- PROPERTY LINE
- ROAD CENTER LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING BARBED WIRE FENCE
- EXISTING CHAIN LINK FENCE
- EXISTING 1-1/2" PVC MONITORING PIPE
- EXISTING DRILLED MONITORING WELL
- PROPOSED SEWER LINE
- EXISTING SEWER LINE
- PROPOSED WATER LINE
- EXISTING WATER LINE
- EXISTING STORM LINE
- PROPOSED STORM LINE

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 ft.

VERTICAL DATUM:
NGVD OF 1929
TO CONVERT TO NAVD 1988
ADD 3.72'

TEMPORARY BENCHMARK
TOP FLANGE NORTH BOLT
ELEV= 133.10'
SEE SHEET 5



ON-SITE SEWER PROFILE
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

NOTES:

1. IF 18" OF VERTICAL CLEARANCE CANNOT BE ACHIEVED BETWEEN THE PROPOSED SEWER LINE AND THE PROPOSED WATER LINE, THE SEWER LINE IS TO BE SLEEVED WITH 20-FT OF PVC PIPE CENTERED ON THE CROSSING, AND OR THE WATER LINE WILL NEED TO BE ADJUSTED TO AVOID CONFLICT.
2. ALL MANHOLES ARE TO BE 48" PRECAST MANHOLES AS DETAILED IN DETAIL 1 SHEET 5, EXCEPT MH#8 IS TO BE A 48" TYPE 3 MANHOLE PER WSDOT STANDARD PLAN B-15.60-00. SEE DETAIL THIS SHEET.

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

AS-BUILT LEGEND:
DARK TEXT = AS-BUILT INFORMATION
LIGHT TEXT = DESIGN INFORMATION

CITY OF ARLINGTON

THIS SHEET HAS BEEN APPROVED PER THE CONDITIONS ON THE COVER SHEET.

BY: MGD
CITY ENGINEER

DATE: 09/25/2007

U:\16362\DWG\As_Builts\xref16362ss-wa.dwg (ON SEWER (REVISED))

CASCADE SURVEYING & ENGINEERING, INC.
Engineers Surveyors Planners
P.O. BOX 326 ARLINGTON, WASHINGTON 98223
(360)435-5551 FAX: (360)435-4012
1-800-593-5551

JACOB H. DIKE
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 06/23/09
9-24-07

REVISION	BY
REVISED PER COMMENT LETTER 9-19-07	JBT

DESIGNED JD DATE 09/07
DRAWN MG/JBT DATE 09/07
CHECKED JD DATE 09/07
FIELD BOOK ARL 105, 108 ARL 117, 119

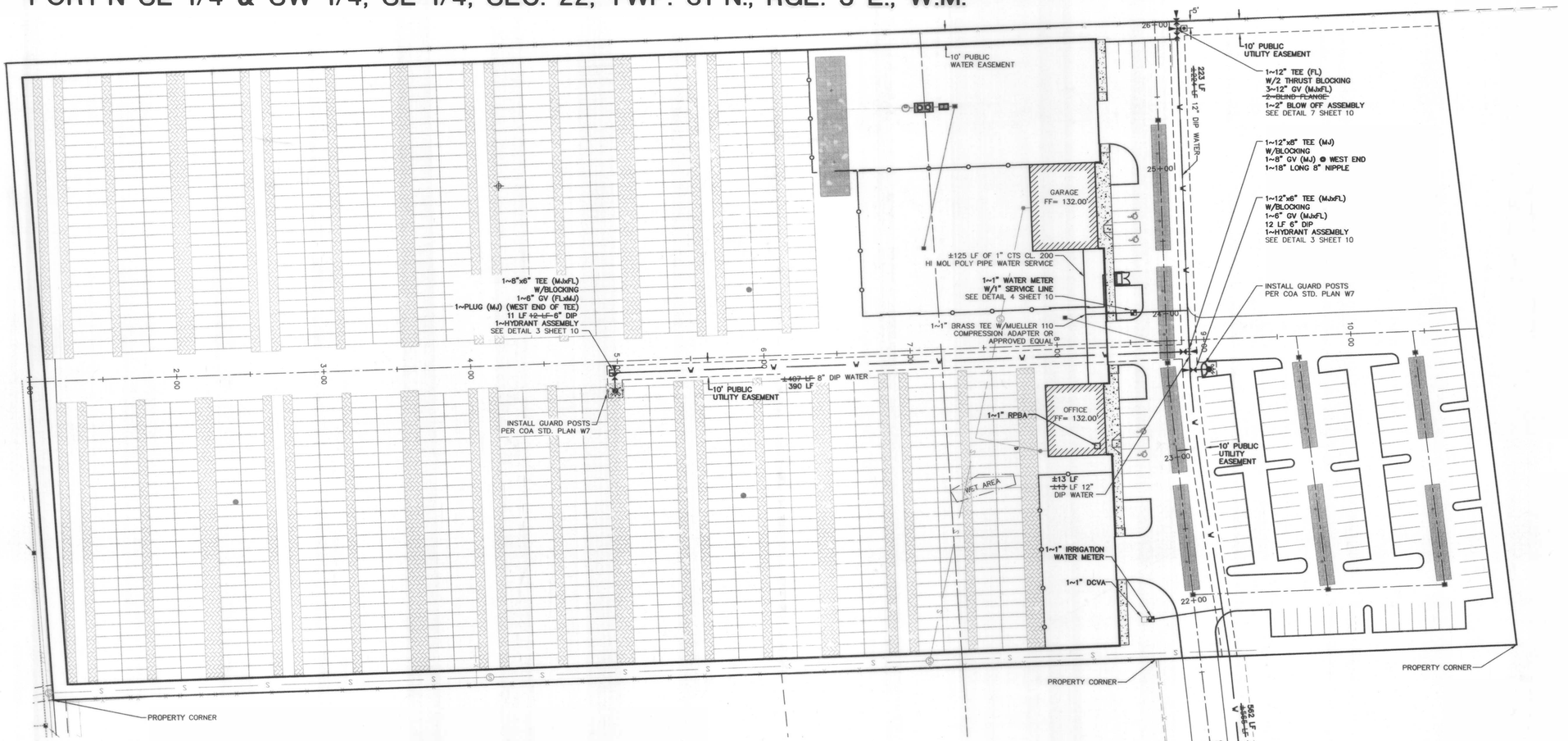
AS-BUILT DRAWING

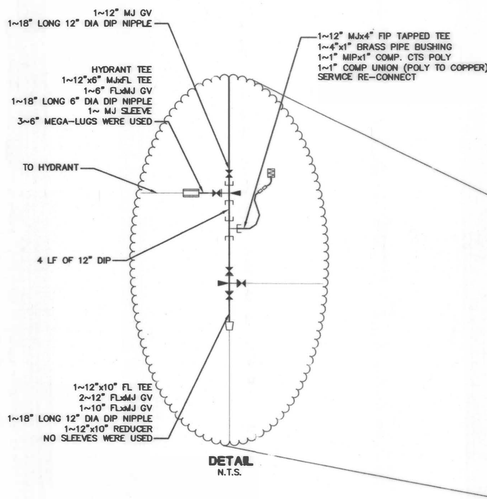
STEVE FERRILL
ON-SITE
SEWER PLAN
CITY OF ARLINGTON FILE #S05-062

6 of 10

16362

PORT'N SE 1/4 & SW 1/4, SE 1/4, SEC. 22, TWP. 31 N., RGE. 5 E., W.M.





DETAIL
N.T.S.

SEWER/WATER PLAN LEGEND:

- PROPERTY LINE
- ROAD CENTER LINE
- 130 — EXISTING CONTOUR
- 132 — PROPOSED CONTOUR
- X — EXISTING BARBED WIRE FENCE
- EXISTING CHAIN LINK FENCE
- EXISTING 1-1/2" PVC MONITORING PIPE
- EXISTING DRILLED MONITORING WELL
- S — PROPOSED SEWER LINE
- S — EXISTING SEWER LINE
- W — PROPOSED WATER LINE
- W — EXISTING WATER LINE
- EXISTING STORM LINE
- PROPOSED STORM LINE

NOTES:

1. PIPE LENGTHS ARE CALCULATED FROM CENTER OF VALVES & HYDRANTS.

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.

VERTICAL DATUM:
NGVD OF 1929
TO CONVERT TO NAVD 1988
ADD 3.72'

TEMPORARY BENCHMARK
TOP FLANGE NORTH BOLT
ELEV= 133.25'

CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

AS-BUILT LEGEND:
DARK TEXT = AS-BUILT INFORMATION
LIGHT TEXT = DESIGN INFORMATION

CITY OF ARLINGTON

THIS SHEET HAS BEEN APPROVED PER THE CONDITIONS ON THE COVER SHEET.

BY: MB
CITY ENGINEER

DATE: 09/25/2007

U:\16362\DWG\As_Builts\xref16362ss-wa.dwg (WATER)

CASCADE SURVEYING & ENGINEERING, INC.
Engineers Surveyors Planners
P.O. BOX 326
ARLINGTON, WASHINGTON 98223
(360)435-5551
FAX:(360)435-4012
1-800-593-5551

9-24-07

JACOB H. DAHL — STATE OF WASHINGTON — 16279 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 06/22/09

REVISION	BY
REVISED PER COMMENT LETTER 9-19-07	JBT

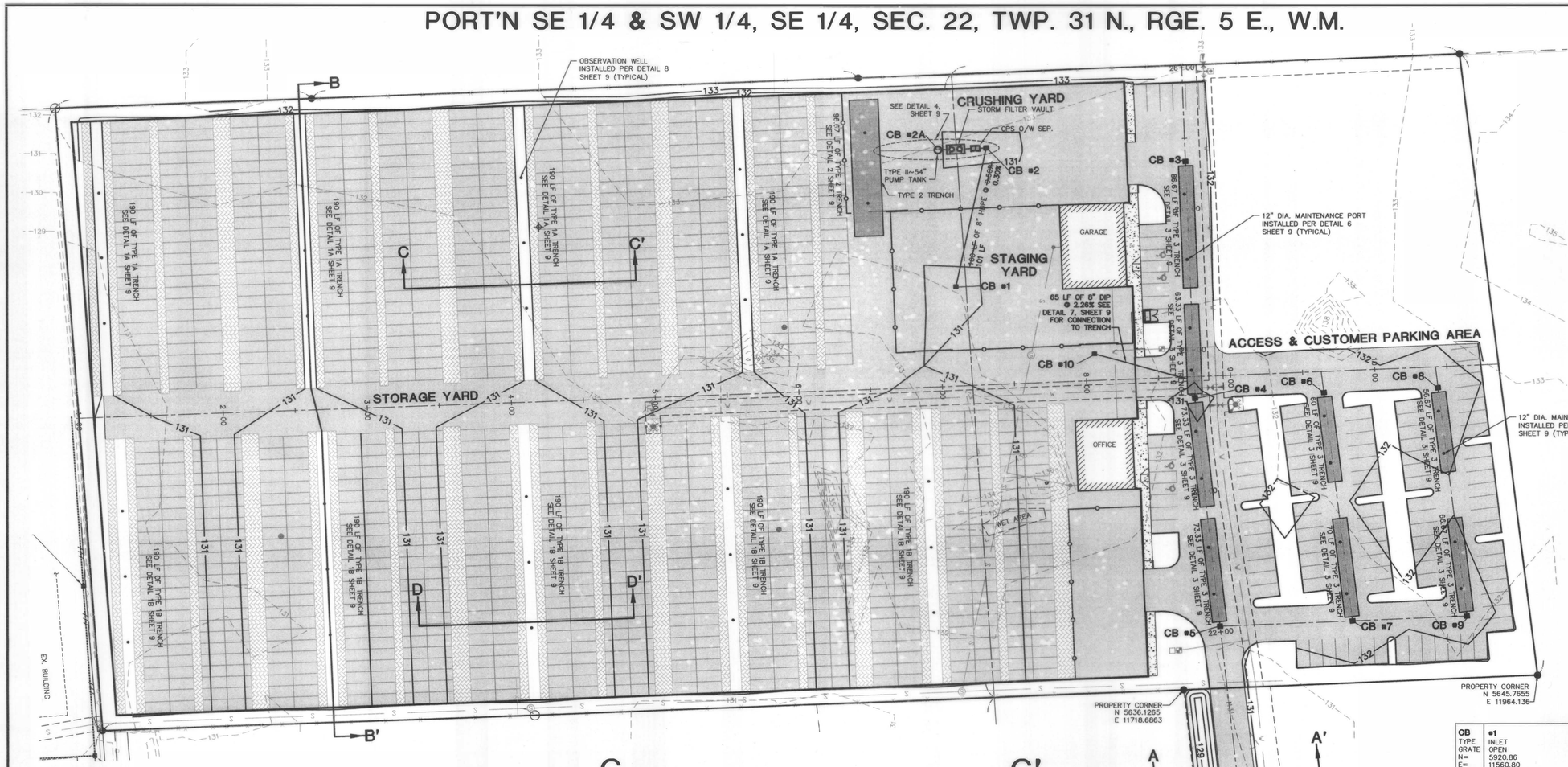
DESIGNED JD DATE 09/07
DRAWN MEJ/JBT DATE 09/07
CHECKED JD DATE 09/07
FIELD BOOK ARL 105, 108 ARL 117, 119

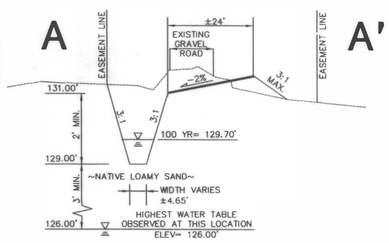
AS-BUILT DRAWING

STEVE FERRILL
WATER PLAN
CITY OF ARLINGTON FILE #S05-062

16362

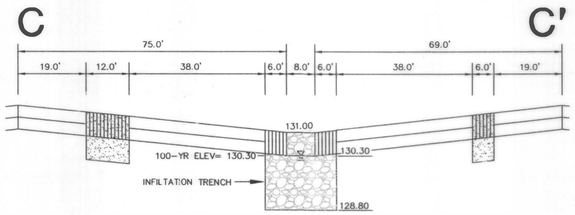
PORT'N SE 1/4 & SW 1/4, SE 1/4, SEC. 22, TWP. 31 N., RGE. 5 E., W.M.





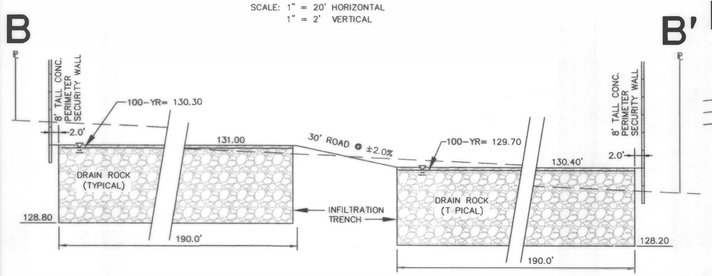
CROSS SECTION A-A'

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL



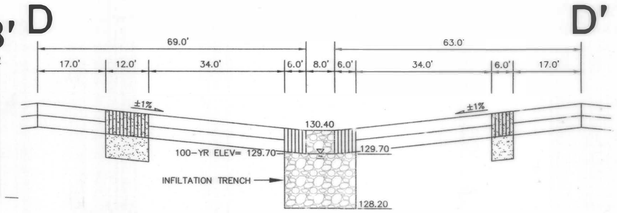
CROSS SECTION C-C'

SCALE: 1" = 20'
1" = 2'



CROSS SECTION B-B'

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL



CROSS SECTION D-D'

SCALE: 1" = 20'
1" = 2'

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.

VERTICAL DATUM:
NAVD 1988
TO CONVERT TO NGVD 1929
SUBTRACT 3.72'

TEMPORARY BENCHMARK:
FIRE HYDRANT
NORTH BOLT, TOP FLANGE
ELEV= 133.25

DRAINAGE PLAN LEGEND:

- PROPERTY LINE
- ROAD CENTER LINE
- EXISTING CONTOUR
- EXISTING BARBED WIRE FENCE
- EXISTING CHAIN LINK FENCE
- PROPOSED CHAIN LINK FENCE
- PROPOSED WATER LINE
- EXISTING 1-1/2" PVC MONITORING PIPE
- EXISTING DRILLED MONITORING WELL
- PROPOSED STORM PIPE
- PROPOSED CB
- PAVERS

CALL 48 HOURS
BEFORE YOU DIG
1-800-424-5555

STRUCTURE TABLE

CB TYPE GRATE N= E= RIM= INV=	#1 INLET OPEN 5920.86 11560.80 ~~130.70~~ 130.75 ~~128.45~~ INV NE=128.30 (8")	#2* 1L OPEN 6019.16 11581.86 ~~130.68~~ 130.74 ~~127.30~~ INV SW=128.00 (8") INV W= 128.00 (8")	#2A II~54"ø CLOSED 6017.84 11548.47 ~~131.04~~ 131.09 ~~124.82~~ INV E=124.81 (8") INV W=127.88 (4")
CB TYPE GRATE N= E= RIM= INV=	#3* 1L OPEN 6009.56 11720.18 ~~131.00~~ 130.97 ~~128.70~~ INV S=128.76 (8") INV SW=128.85 (4")	#4* 1L OPEN 5841.81 11726.74 ~~130.84~~ 130.86 ~~128.54~~ INV N=128.55 (8") INV S=128.55 (8") INV SW=128.95 (4")	#5* 1L OPEN 5680.91 11743.96 ~~131.04~~ 131.07 ~~128.74~~ INV N=128.77 (8")
CB TYPE GRATE N= E= RIM= INV=	#6* 1L OPEN 5845.75 11816.01 ~~131.20~~ 131.23 ~~128.90~~ INV S=129.01 (8")	#7* 1L OPEN 5684.51 11835.88 ~~131.40~~ 131.42 ~~129.10~~ INV N=129.12 (8")	
CB TYPE GRATE N= E= RIM= INV=	#8* 1L OPEN 5848.84 11895.10 ~~131.40~~ 131.37 ~~129.10~~ INV S=129.07 (8")	#9* 1L OPEN 5687.62 11915.09 ~~131.60~~ 131.53 ~~129.30~~ INV N=129.23 (8")	#10* 1L OPEN 5873.17 11856.96 131.48 INV E=130.02 8")

* ONE OIL/WATER SEPARATOR TEE TO BE INSTALLED PER DETAIL 9, SHEET 10. CB #4 REQUIRES TWO.

AS-BUILT LEGEND:
DARK TEXT = AS-BUILT INFORMATION
LIGHT TEXT = DESIGN INFORMATION

CITY OF ARLINGTON

THIS SHEET HAS BEEN APPROVED PER THE CONDITIONS ON THE COVER SHEET.

BY: _____ CITY ENGINEER

DATE: 09/25/2007

U:\16362\DWG\As_Builts\xref16362storm.dwg (STORM)

CASCADE SURVEYING & ENGINEERING, INC.
Engineers Surveyors Planners
P.O. BOX 326
ARLINGTON, WASHINGTON 98223
(360)435-5551
FAX:(360)435-4012
1-800-593-5551

JACOB H. DAHL — STATE OF WASHINGTON — 42202 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES: 06/22/09

BY	REVISION
JBT	REVISED PER COMMENT LETTER 9-19-07

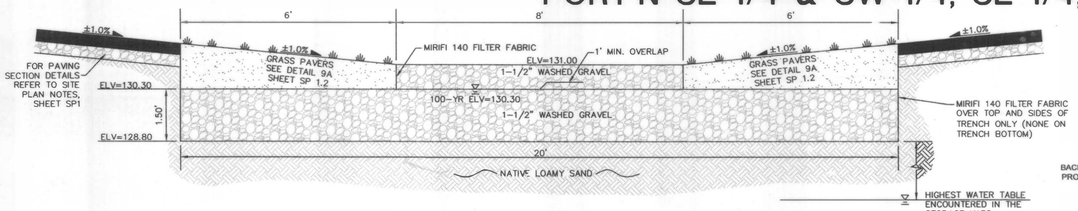
DESIGNED JD DATE 09/07
DRAWN ME/JBT DATE 09/07
CHECKED JD DATE 09/07
FIELD BOOK ARL 105, 108, ARL 117, 119

AS-BUILT DRAWING

STEVE FERRILL
STORM DRAINAGE PLAN
CITY OF ARLINGTON FILE #S05-062

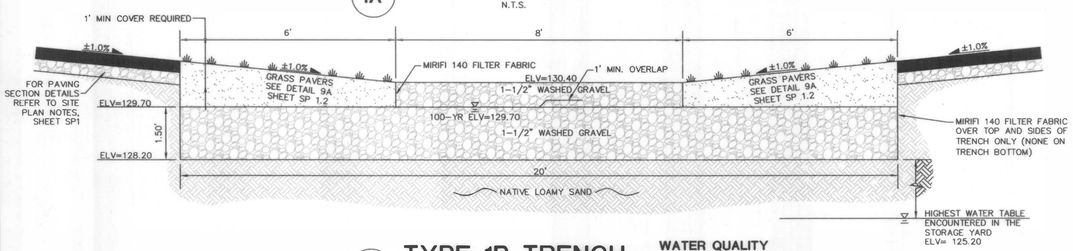
16362

PORT'N SE 1/4 & SW 1/4, SE 1/4, SEC. 22, TWP. 31 N., RGE. 5 E., W.M.



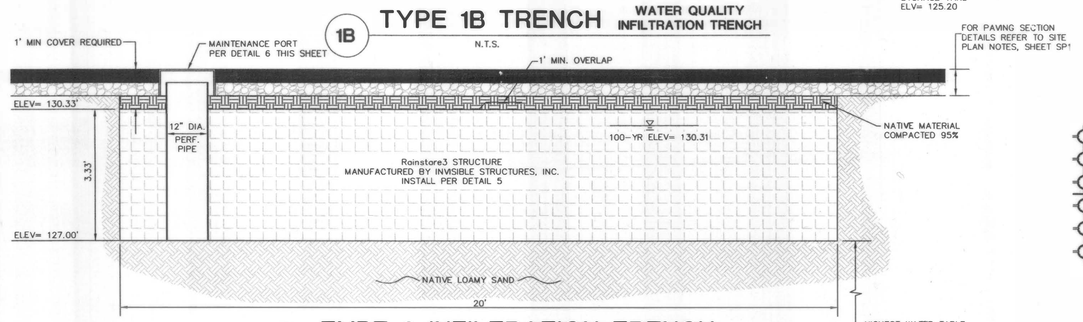
1A TYPE 1A TRENCH — WATER QUALITY INFILTRATION TRENCH

N.T.S.



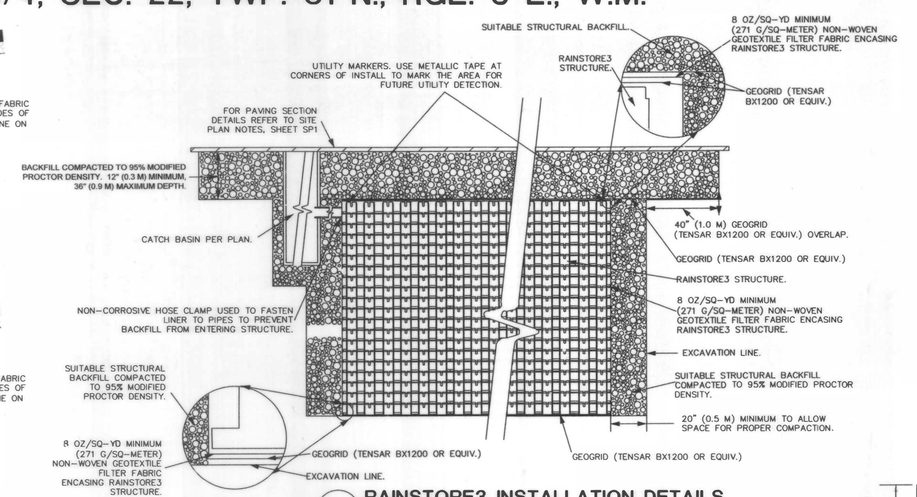
1B TYPE 1B TRENCH — WATER QUALITY INFILTRATION TRENCH

N.T.S.



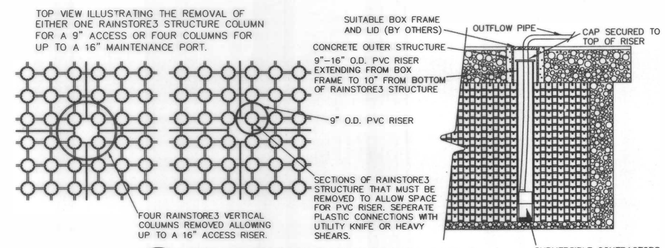
2 TYPE 2 INFILTRATION TRENCH

N.T.S.



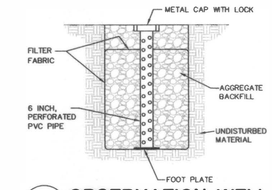
5 RAINSTORE3 INSTALLATION DETAILS

NO SCALE



6 MAINTENANCE PORT DETAILS

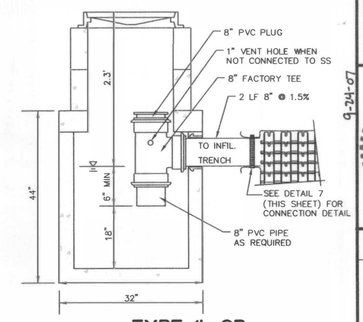
NO SCALE



8 OBSERVATION WELL

NO SCALE

PER D.O.E. STD. DET. # III-3.16

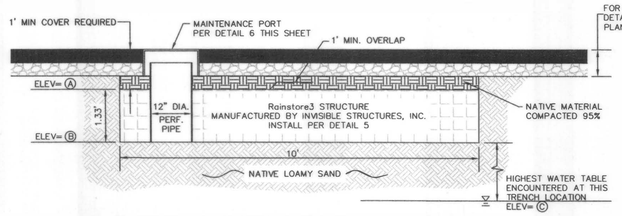


9 TYPE 1L CB W/OIL/WATER SEPARATOR

NO SCALE

STORM SYSTEM NOTES:

1. ALL STORM PIPING TO BE 8" SOLID PVC PIPE UNLESS NOTED OTHERWISE.
2. CONTRACTOR TO ADJUST O/W SEPARATORS WITHIN THE CB'S LATERALLY AS NEEDED WITHIN THE PIPE KNOCK-OUT TO ASSURE MULTIPLE O/W SEPARATORS FIT IN THE STRUCTURE.
3. ALL STORM PIPES TO BE AS SPECIFIED OR APPROVED EQUAL BY THE ENGINEER.
4. ALL STORM PIPE RUNS WITH LESS THAN 24" COVER SHALL BE C-900, RCP OR DUCTILE IRON.
5. TWO MAINTENANCE PORTS ARE REQUIRED PER TRENCH. SEE DETAIL 6 THIS SHEET.

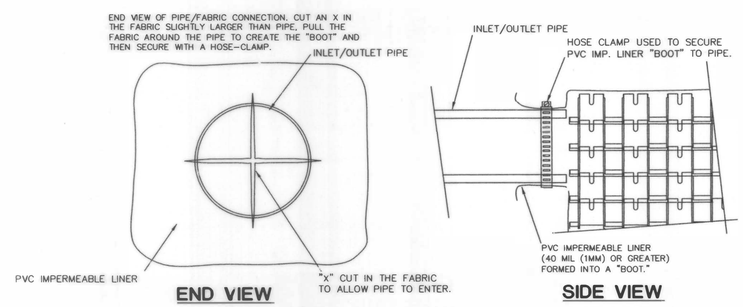


3 TYPE 3 INFILTRATION TRENCH

N.T.S.

TRENCH TABLE

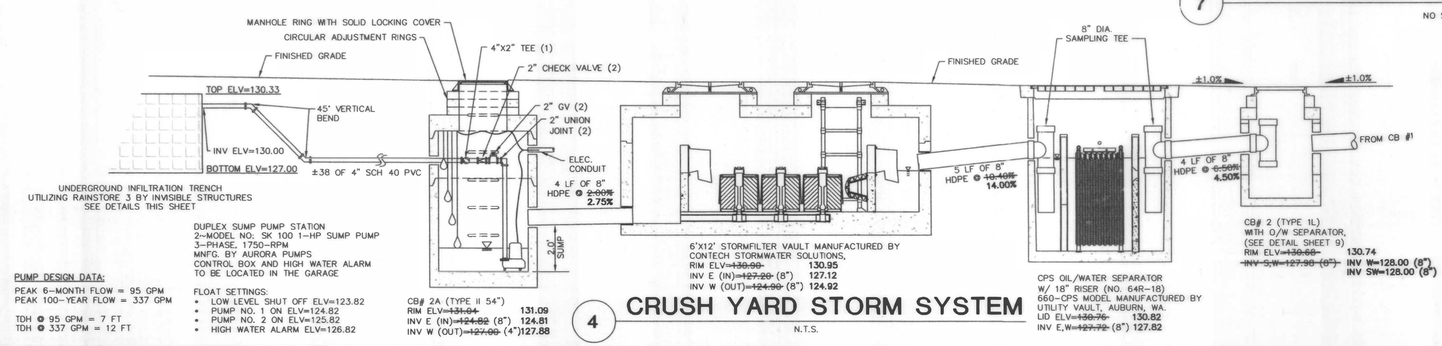
TRENCH LOCATION	(A) TOP ELEVATION	(B) BOTTOM ELEVATION	(C) WATER TABLE ELEVATION
CB 2A	130.33	127.00	124.00
CB 3	131.00	128.00	125.00
CB 4	130.84	128.50	125.50
CB 5	131.04	128.70	125.70
CB 6	131.20	128.80	125.80
CB 7	131.40	129.00	126.00
CB 8	131.40	129.00	126.00
CB 10	131.60	129.20	126.20



7 RAINSTORE3 INLETS/OUTLETS WITH FABRIC

CONNECTING PIPE TO THE RAINSTORE3 STRUCTURE

NO SCALE



4 CRUSH YARD STORM SYSTEM

N.T.S.

CALL 48 HOURS BEFORE YOU DIG 1-800-424-5555

CITY OF ARLINGTON

THIS SHEET HAS BEEN APPROVED PER THE CONDITIONS ON THE COVER SHEET.

BY: MW
CITY ENGINEER

DATE: 09/25/2007

U:\16362\DWG\CONSTRUCTION PLANS\16362GEN.DWG (DETAILS1)

AS-BUILT DRAWING

CASCADE SURVEYING & ENGINEERING, INC.
Engineers Surveyors Planners
P.O. BOX 326 ARLINGTON, WASHINGTON 98223
(360)435-5551 FAX:(360)435-4012 1-800-593-5551

JACOB H. DAHL — STATE OF WASHINGTON — 40250 — REGISTERED PROFESSIONAL ENGINEER — EXPIRES 06/02/09

9-24-07

REVISION	BY
REVISED PER COMMENT LETTER 9-19-07	JBT

DESIGNED JD DATE 09/07
DRAWN MEJBT DATE 09/07
CHECKED JD DATE 09/07
FIELD BOOK ARL 105, 108 ARL 117, 119

STEVE FERRILL
DETAILS
CITY OF ARLINGTON FILE #S05-062

9 of 10

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